

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
 Data File : VX016935.D
 Acq On : 23 Jun 2020 17:16
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:54:35 AM

Quant Time: Jun 24 00:25:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062320W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 00:11:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	199749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	341629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	134923	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	147476	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
35) Dibromofluoromethane	5.46	113	111356	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
50) Toluene-d8	8.70	98	406864	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.12	95	168488	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	116453	49.992	ug/l	100
3) Chloromethane	1.32	50	103771	47.320	ug/l	100
4) Vinyl Chloride	1.39	62	105172	47.966	ug/l	100
5) Bromomethane	1.62	94	61243	51.939	ug/l	100
6) Chloroethane	1.71	64	71558	45.061	ug/l	100
7) Trichlorofluoromethane	1.92	101	180803	46.749	ug/l	100
8) Diethyl Ether	2.17	74	64820	44.079	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	103355	47.919	ug/l	100
10) Methyl Iodide	2.50	142	139872	50.277	ug/l	100
11) Tert butyl alcohol	3.01	59	162802	245.459	ug/l	100
12) 1,1-Dichloroethene	2.35	96	98383	48.452	ug/l	100
13) Acrolein	2.27	56	85669	245.116	ug/l	100
14) Allyl chloride	2.71	41	225413	48.515	ug/l	100
15) Acrylonitrile	3.12	53	359367	248.040	ug/l	100
16) Acetone	2.42	43	284160	237.014	ug/l	100
17) Carbon Disulfide	2.55	76	297661	46.615	ug/l	100
18) Methyl Acetate	2.75	43	192312	48.440	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	425776	48.510	ug/l	100
20) Methylene Chloride	2.84	84	133863	44.759	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	117040	46.233	ug/l	100
22) Diisopropyl ether	3.82	45	364577	44.607	ug/l	100
23) Vinyl Acetate	3.79	43	1519401	230.186	ug/l	100
24) 1,1-Dichloroethane	3.67	63	189563	40.278	ug/l	100
25) 2-Butanone	4.63	43	482006	254.750	ug/l	100
26) 2,2-Dichloropropane	4.55	77	200508	48.461	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	132140	46.405	ug/l	100
28) Bromochloromethane	4.98	49	116257	47.560	ug/l	100
29) Tetrahydrofuran	5.09	42	329900	283.987	ug/l	100
30) Chloroform	5.18	83	248463	50.113	ug/l	100
31) Cyclohexane	5.55	56	191038	50.951	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	212129	48.803	ug/l	100
36) 1,1-Dichloropropene	5.77	75	174119	53.444	ug/l	100
37) Ethyl Acetate	4.79	43	194524	54.343	ug/l	100
38) Carbon Tetrachloride	5.76	117	190131	54.575	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	189299	52.721	ug/l	100
40) Benzene	6.12	78	506100	54.218	ug/l	100
41) Methacrylonitrile	5.01	41	113863	54.604	ug/l	100
42) 1,2-Dichloroethane	6.17	62	197297	51.494	ug/l	100
43) Isopropyl Acetate	6.42	43	329971	52.906	ug/l	100
44) Trichloroethene	7.19	130	128705	49.259	ug/l	100
45) 1,2-Dichloropropane	7.49	63	127178	49.177	ug/l	100
46) Dibromomethane	7.64	93	91456	51.166	ug/l	100
47) Bromodichloromethane	7.88	83	178897	47.720	ug/l	100
48) Methyl methacrylate	7.74	41	132766	45.780	ug/l	100
49) 1,4-Dioxane	7.71	88	63156	1012.582	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	962769	265.014	ug/l	100
52) Toluene	8.76	92	292431	51.000	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	227325	52.681	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	192771	46.296	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	127565	49.122	ug/l	100
56) Ethyl methacrylate	9.16	69	211014	52.459	ug/l	100
57) 1,3-Dichloropropane	9.35	76	212704	48.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	438908	266.383	ug/l	100
59) 2-Hexanone	9.48	43	775032	278.600	ug/l	100
60) Dibromochloromethane	9.57	129	159283	56.070	ug/l	100
61) 1,2-Dibromoethane	9.65	107	147680	55.235	ug/l	100
64) Tetrachloroethene	9.32	164	104088	43.107	ug/l	100
65) Chlorobenzene	10.12	112	357974	49.269	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	139299	49.497	ug/l	100
67) Ethyl Benzene	10.24	91	643902	49.555	ug/l	100
68) m/p-Xylenes	10.34	106	465354	97.518	ug/l	100
69) o-Xylene	10.68	106	231745	50.839	ug/l	100
70) Styrene	10.69	104	411674	53.065	ug/l	100
71) Bromoform	10.84	173	103578	49.494	ug/l	100
73) Isopropylbenzene	11.00	105	615670	61.496	ug/l	100
74) N-amyl acetate	10.88	43	300895	60.053	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	192491	57.459	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	194474m	50.345	ug/l	
77) Bromobenzene	11.24	156	141825	57.699	ug/l	100
78) n-propylbenzene	11.35	91	684642	59.984	ug/l	100
79) 2-Chlorotoluene	11.40	91	437555	60.546	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	474633	56.291	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	77643	59.829	ug/l	100
82) 4-Chlorotoluene	11.49	91	482153	55.733	ug/l	100
83) tert-Butylbenzene	11.76	119	506333	61.334	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	478185	57.083	ug/l	100
85) sec-Butylbenzene	11.93	105	497212	53.391	ug/l	100
86) p-Isopropyltoluene	12.05	119	444074	51.521	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	213626	48.323	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	220532	49.727	ug/l	100
89) n-Butylbenzene	12.37	91	427168	52.343	ug/l	100
90) Hexachloroethane	12.58	117	92430	54.589	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	215782	50.654	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44381	51.607	ug/l	100

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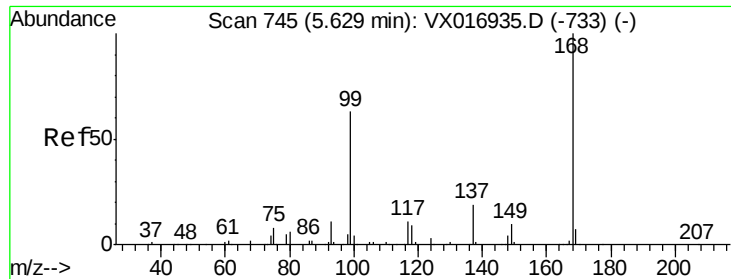
Manual Integrations
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6/24/2020 10:54:35 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	167178	60.075	ug/l	100
94) Hexachlorobutadiene	13.77	225	59152	60.929	ug/l	100
95) Naphthalene	13.82	128	614725	65.008	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	164873	61.250	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 199749

Ion Ratio Lower Upper

168 100

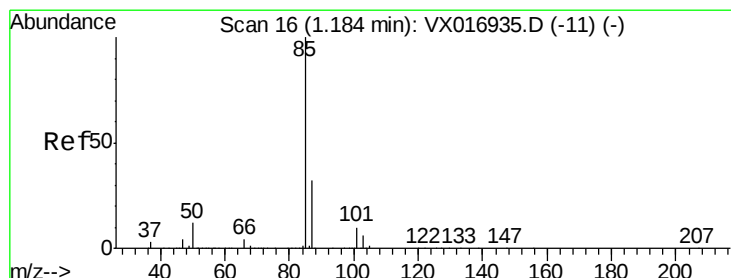
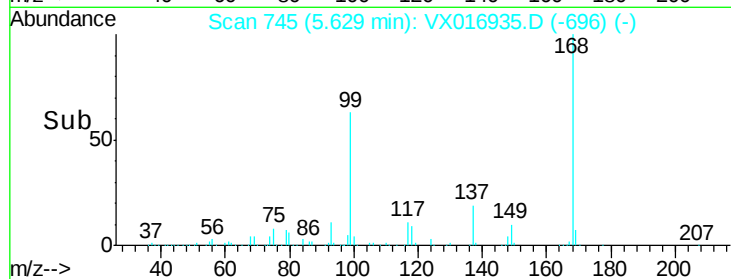
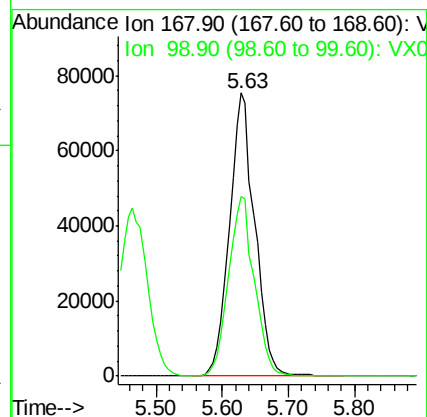
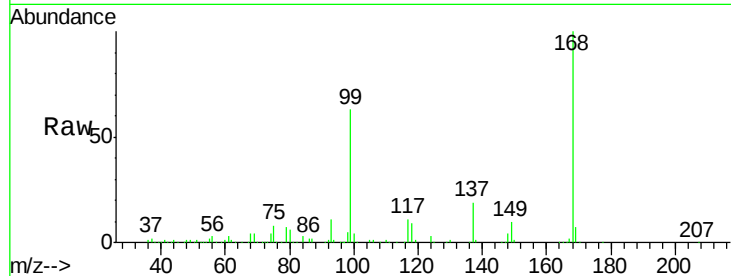
99 63.2 50.6 75.8

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6/24/2020 10:54:35 AM



#2

Dichlorodifluoromethane

Concen: 49.992 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016935.D

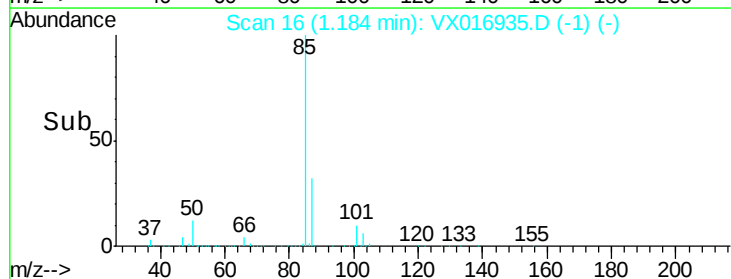
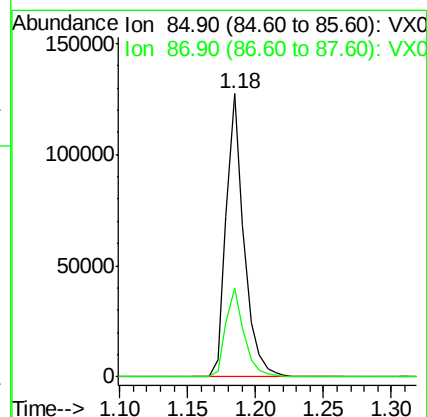
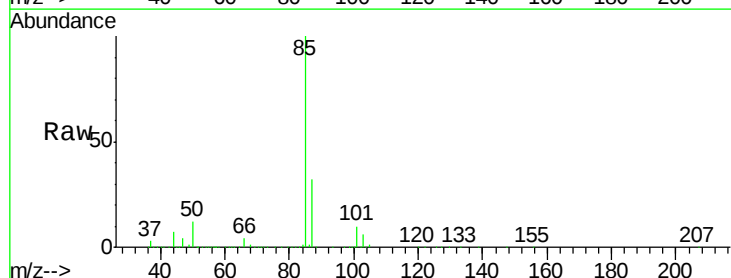
Acq: 23 Jun 2020 17:16

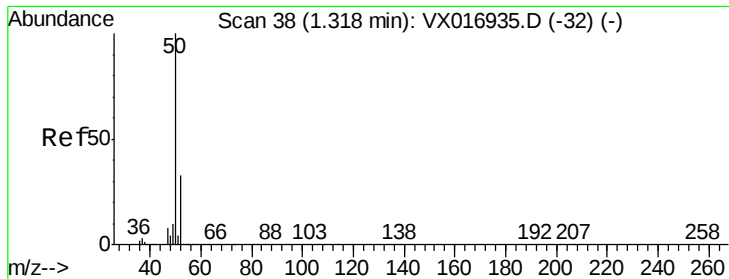
Tgt Ion: 85 Resp: 116453

Ion Ratio Lower Upper

85 100

87 31.5 15.8 47.3





#3

Chloromethane

Concen: 47.320 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 103771

Ion Ratio Lower Upper

50 100

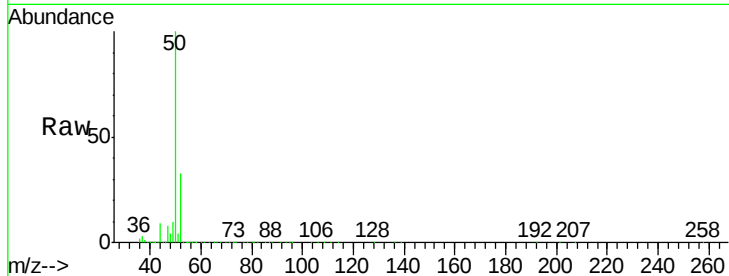
52 32.5 26.0 39.0

Manual Integrations

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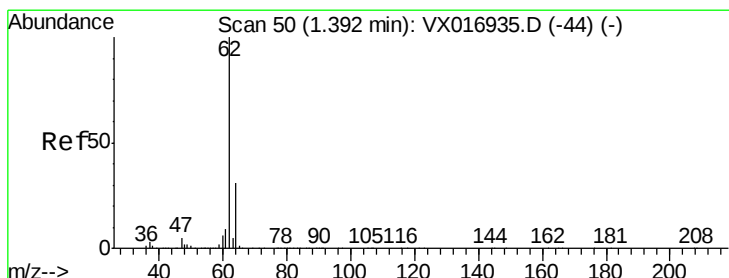
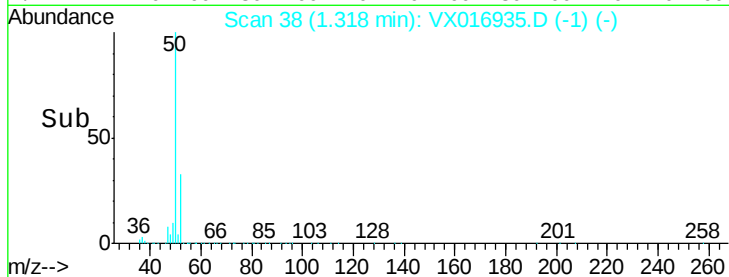
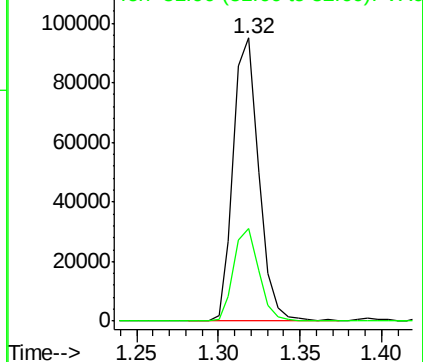
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.966 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016935.D

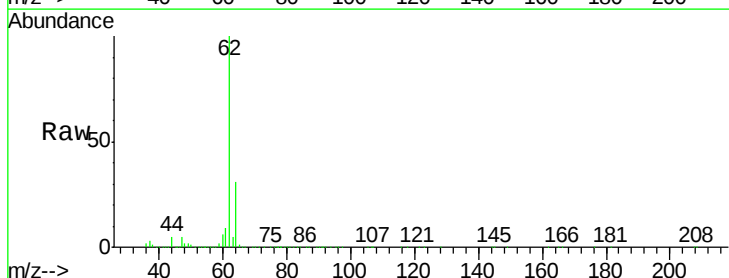
Acq: 23 Jun 2020 17:16

Tgt Ion: 62 Resp: 105172

Ion Ratio Lower Upper

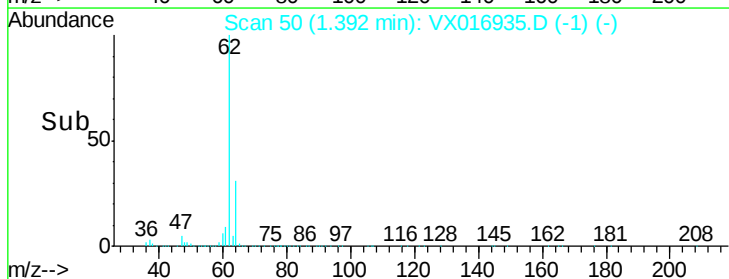
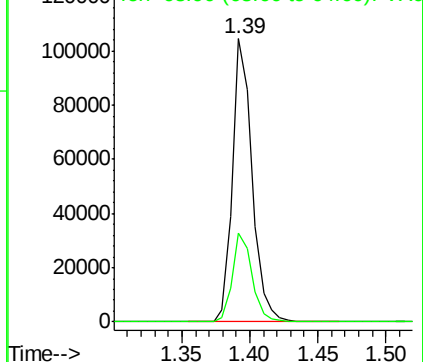
62 100

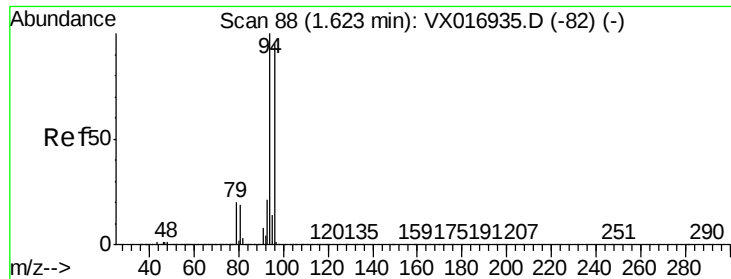
64 31.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.939 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 61243

Ion Ratio Lower Upper

94 100

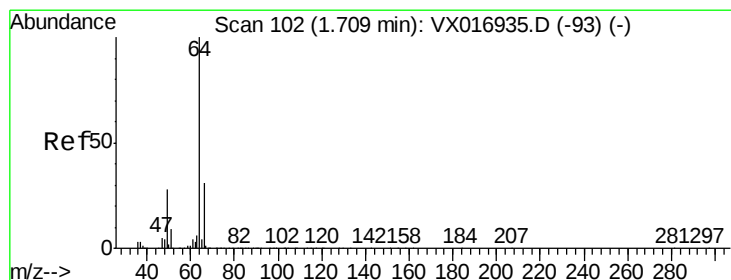
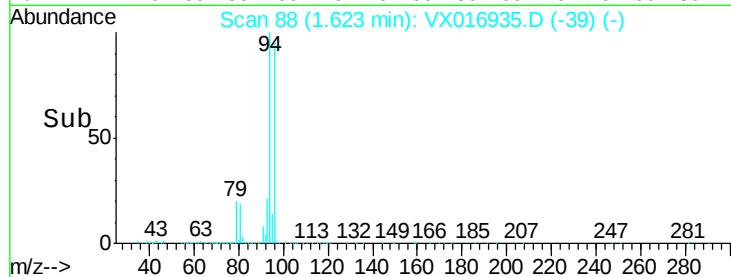
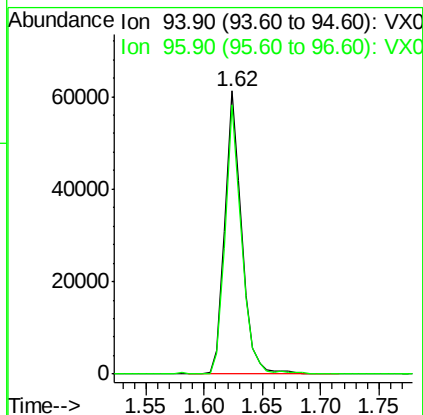
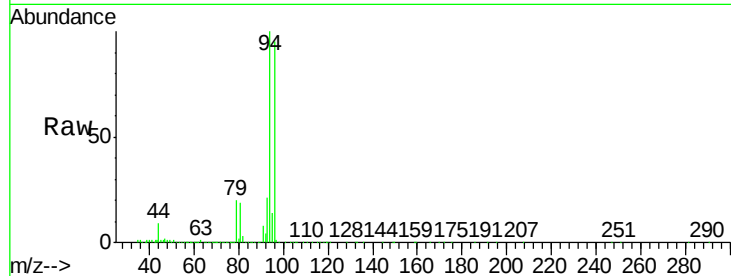
96 94.9 75.9 113.9

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#6

Chloroethane

Concen: 45.061 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016935.D

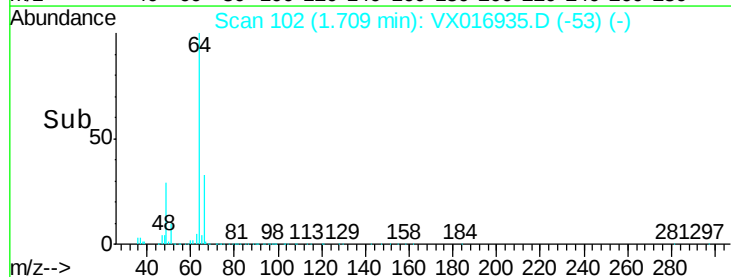
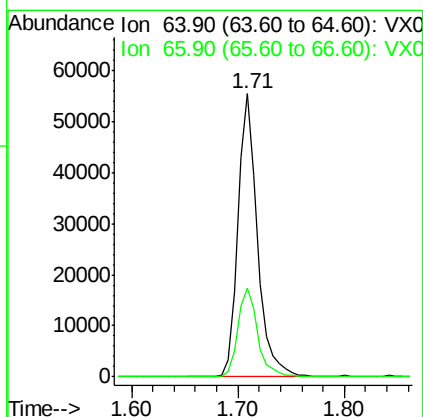
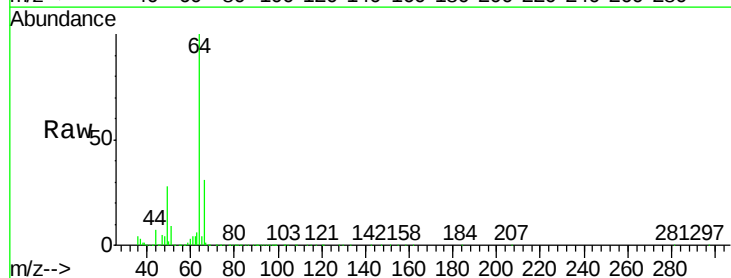
Acq: 23 Jun 2020 17:16

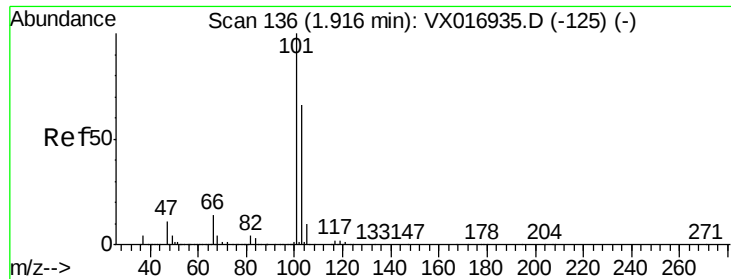
Tgt Ion: 64 Resp: 71558

Ion Ratio Lower Upper

64 100

66 31.3 25.0 37.6





#7

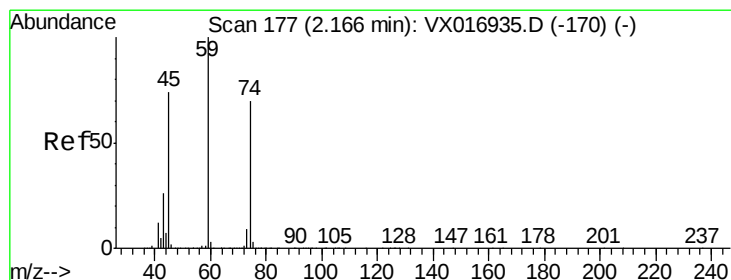
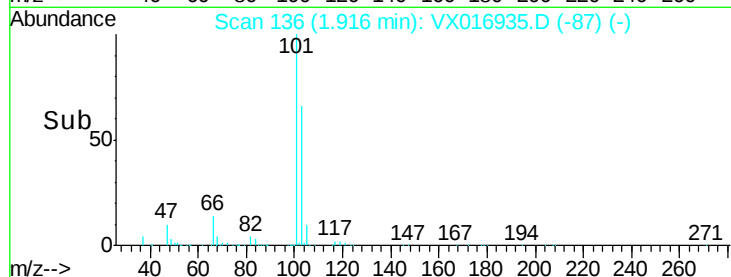
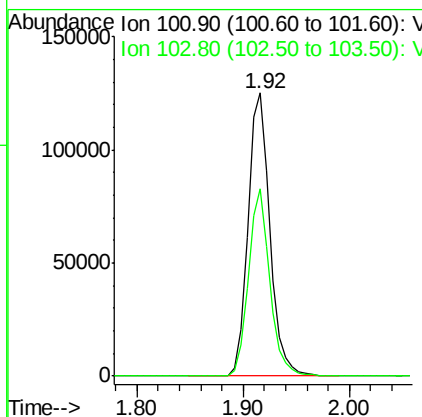
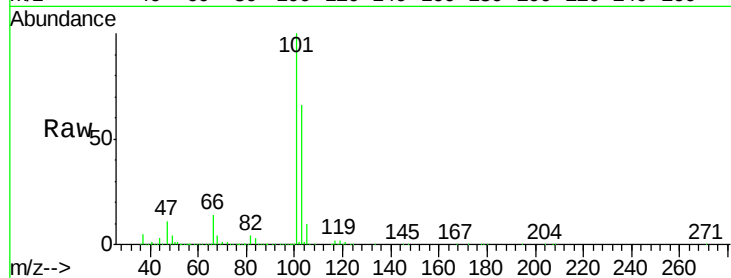
Trichlorofluoromethane
Concen: 46.749 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
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ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	53.0	79.4

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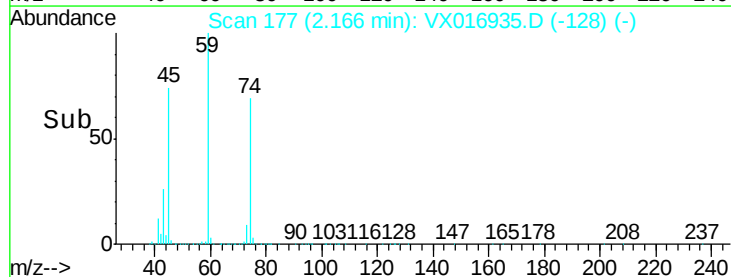
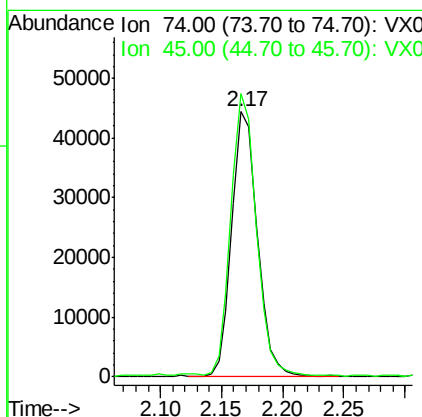
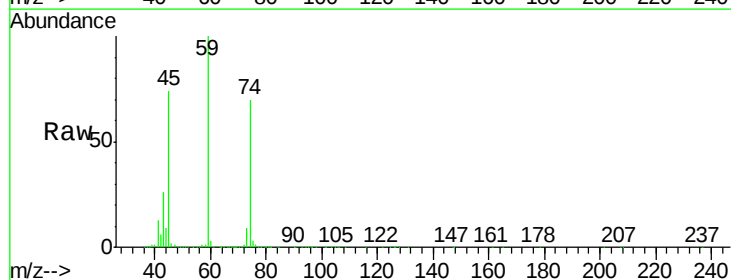
MMDadoda
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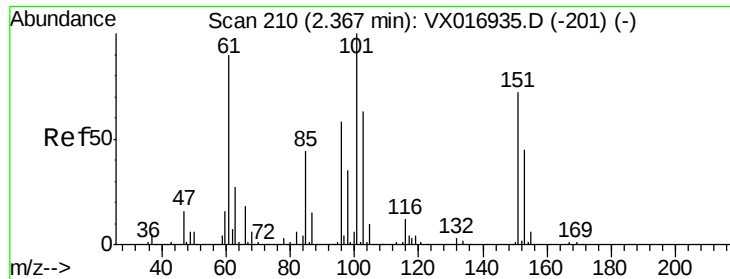


#8

Diethyl Ether
Concen: 44.079 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.2	52.6	157.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.919 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

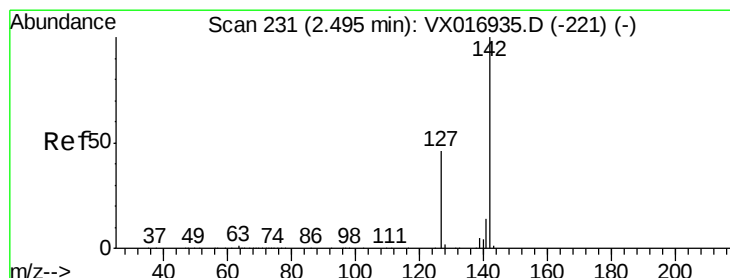
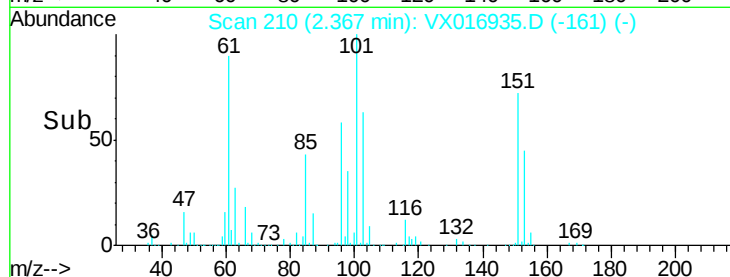
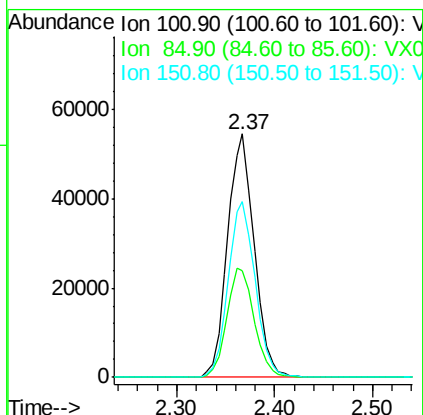
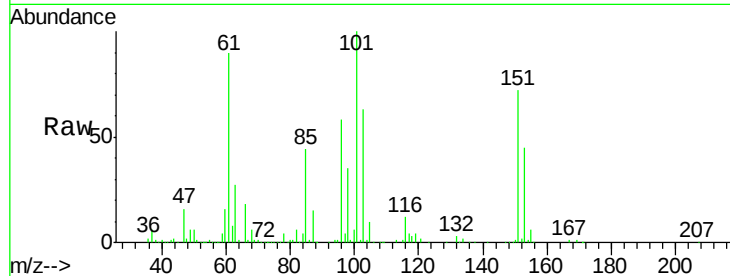
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	103355
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.9	55.3
151	73.0	58.4	87.6

Manual Integrations
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#10

Methyl Iodide

Concen: 50.277 ug/l

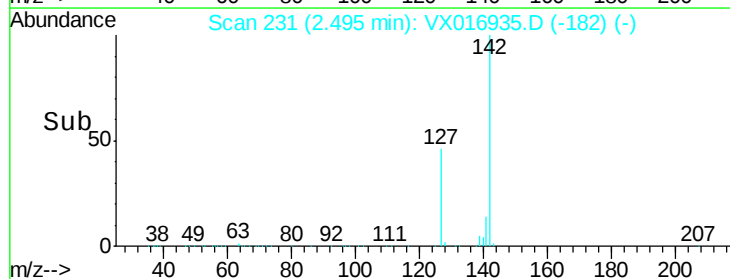
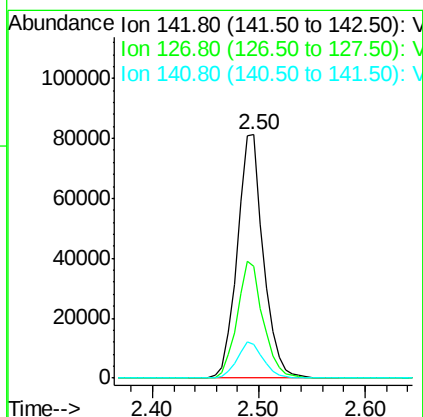
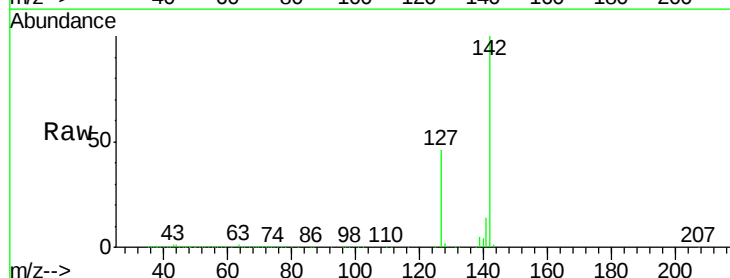
RT: 2.50 min Scan# 231

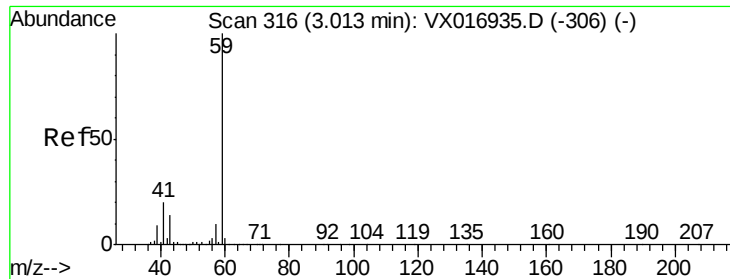
Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Tgt Ion:	142	Resp:	139872
Ion Ratio	Lower	Upper	
142	100		
127	47.9	38.3	57.5
141	14.9	11.9	17.9





#11

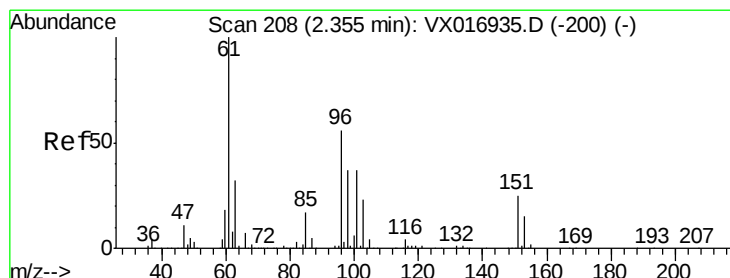
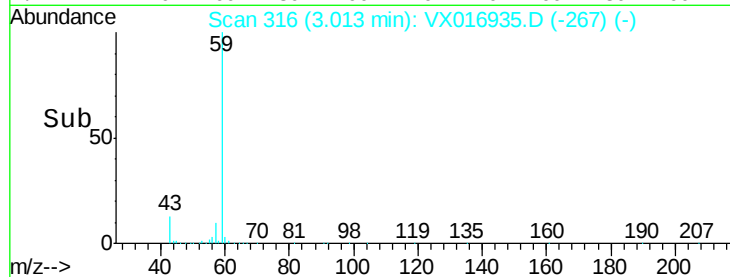
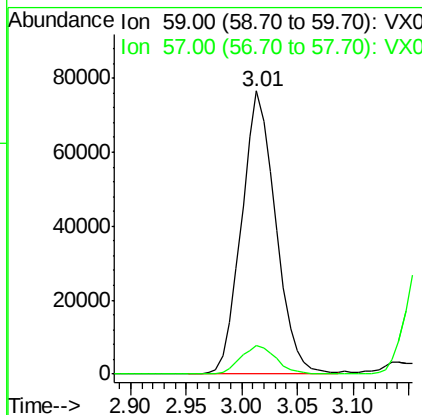
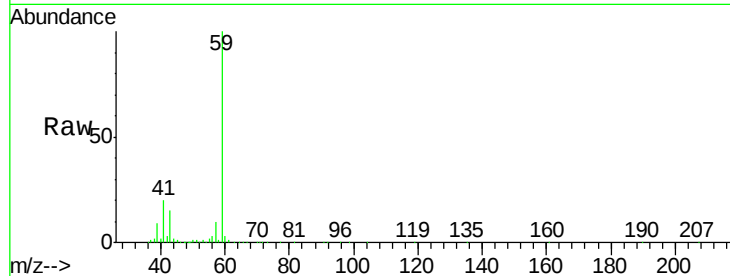
Tert butyl alcohol
Concen: 245.459 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8

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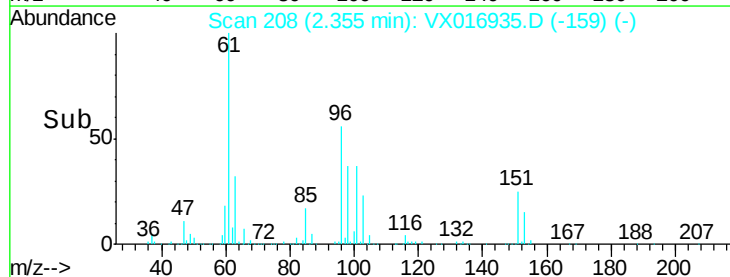
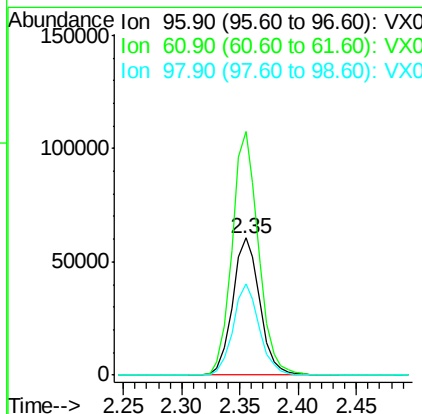
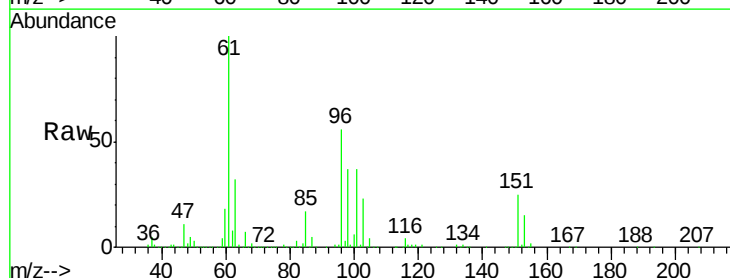
MMDadoda
6/24/2020 10:54:35 AM

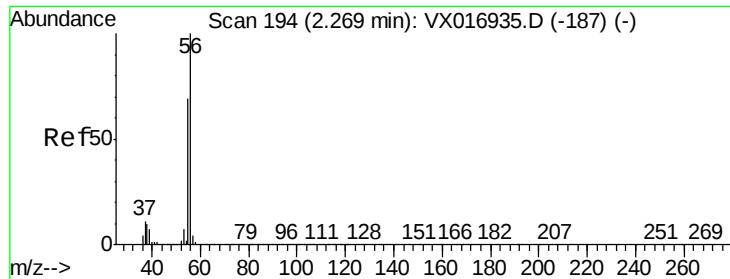


#12

1,1-Dichloroethene
Concen: 48.452 ug/l
RT: 2.35 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.9	142.3	213.5
98	66.5	53.2	79.8





#13

Acrolein

Concen: 245.116 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 85669

Ion Ratio Lower Upper

56 100

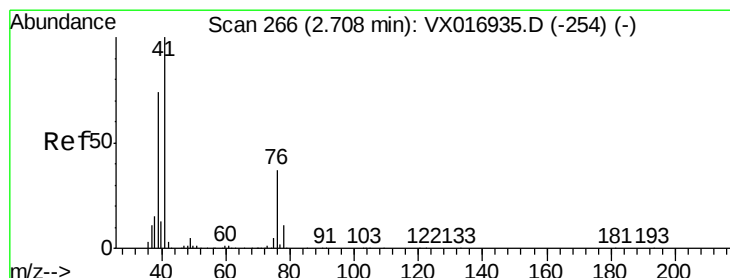
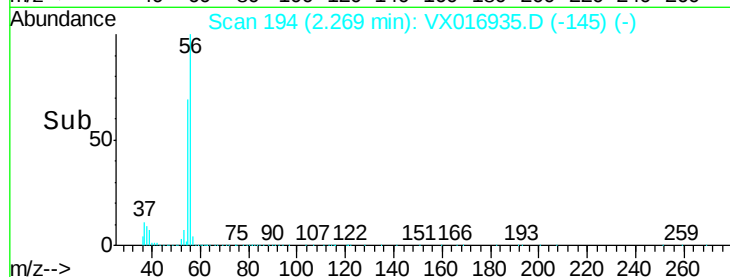
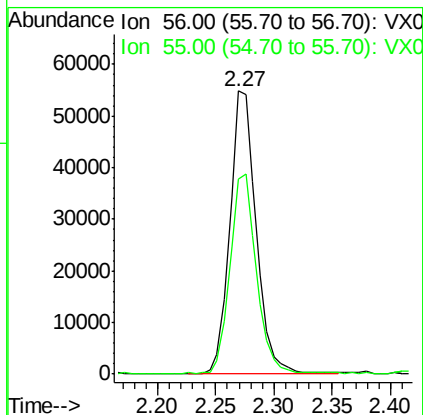
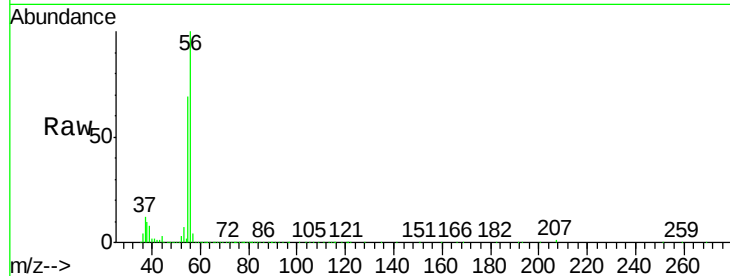
55 71.4 57.1 85.7

Manual Integrations

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#14

Allyl chloride

Concen: 48.515 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

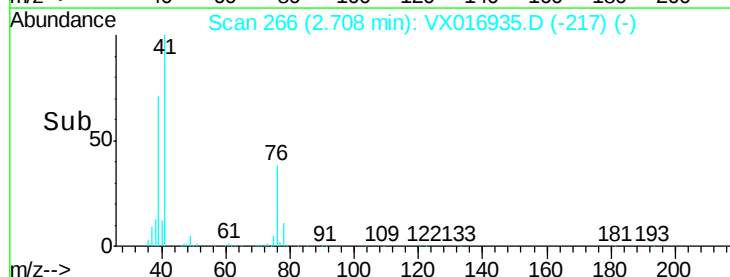
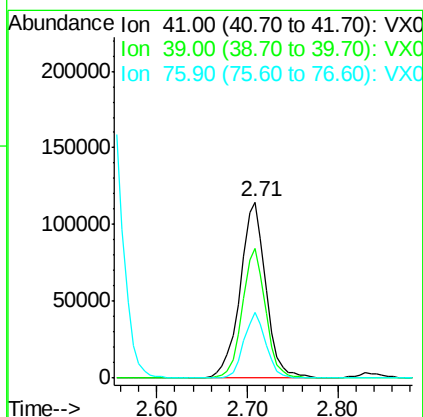
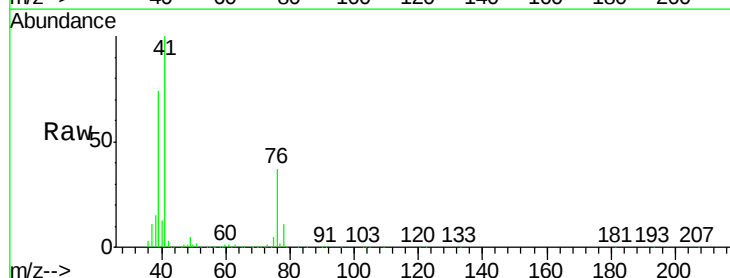
Tgt Ion: 41 Resp: 225413

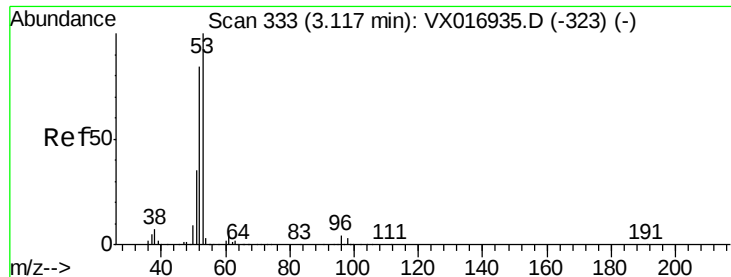
Ion Ratio Lower Upper

41 100

39 66.6 53.3 79.9

76 31.5 25.2 37.8





#15

Acrylonitrile

Concen: 248.040 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

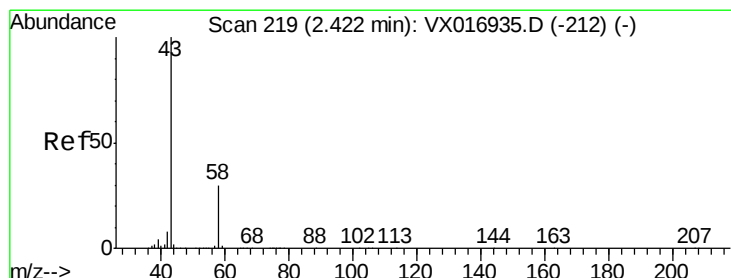
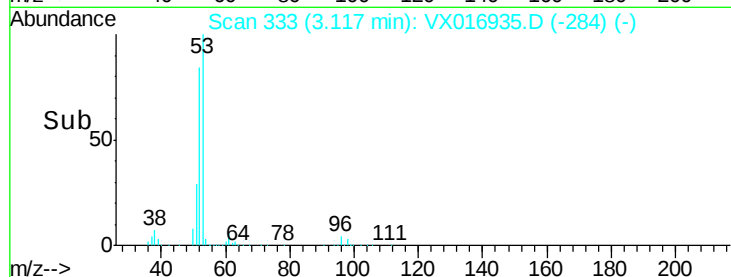
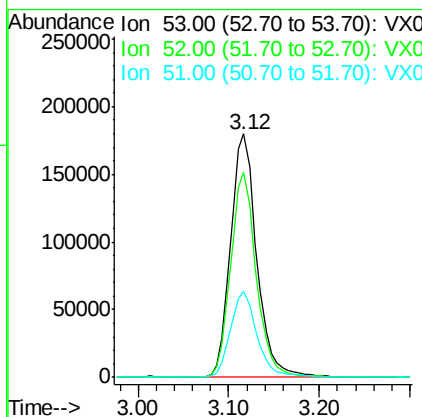
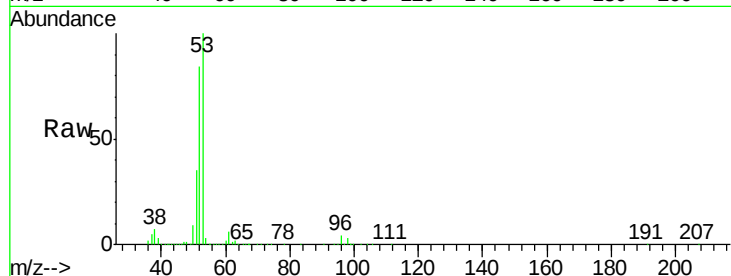
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	359367
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.0	99.0
51	36.1	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 237.014 ug/l

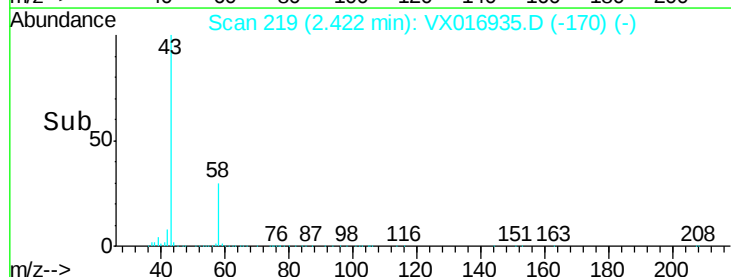
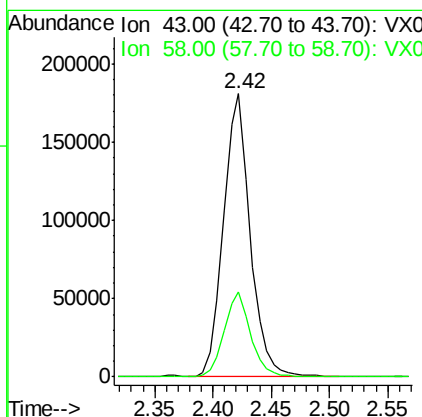
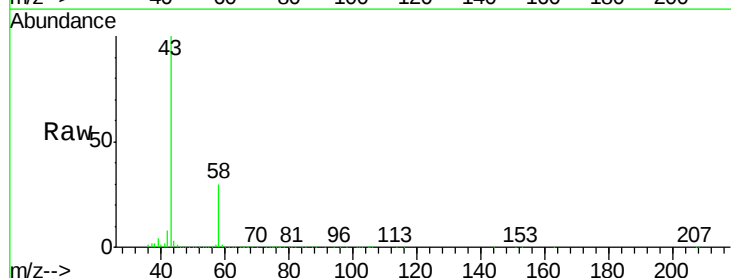
RT: 2.42 min Scan# 219

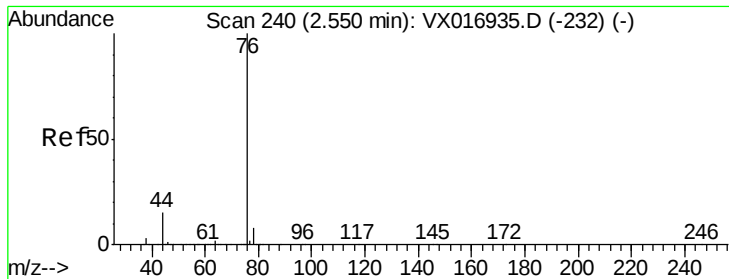
Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Tgt Ion:	43	Resp:	284160
Ion Ratio		Lower	Upper
43	100		
58	29.9	23.9	35.9





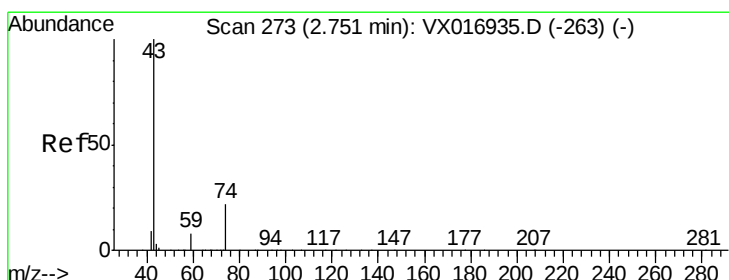
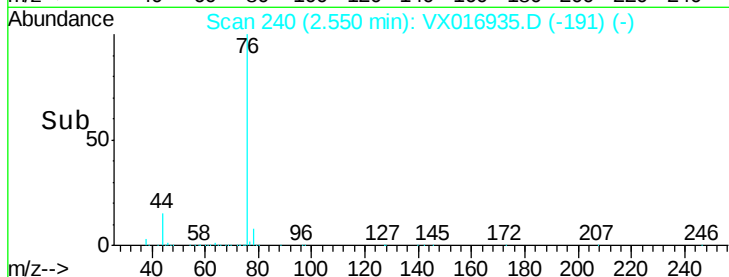
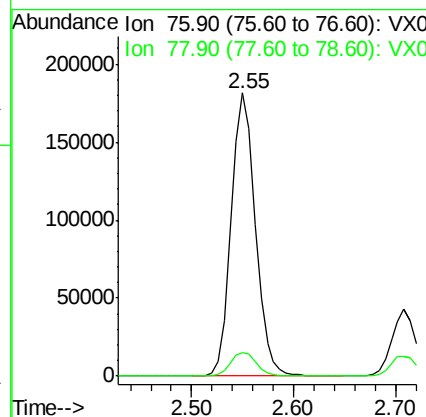
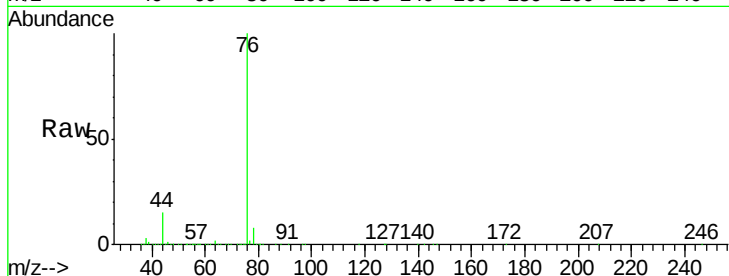
#17
Carbon Disulfide
Concen: 46.615 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	6.6	10.0

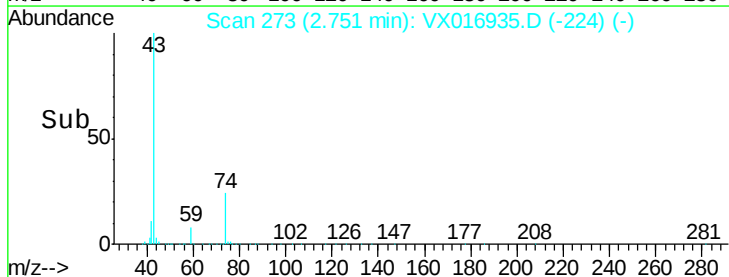
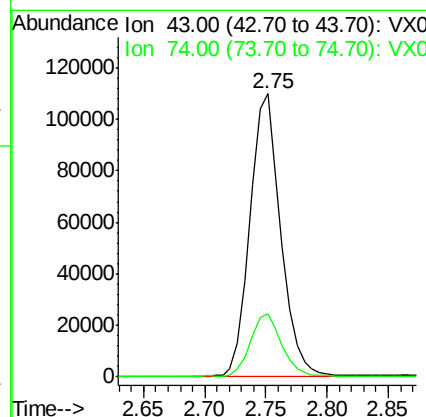
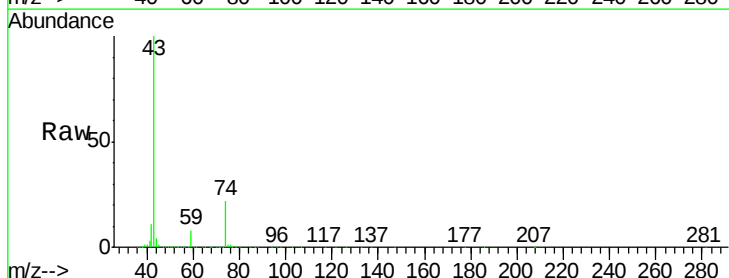
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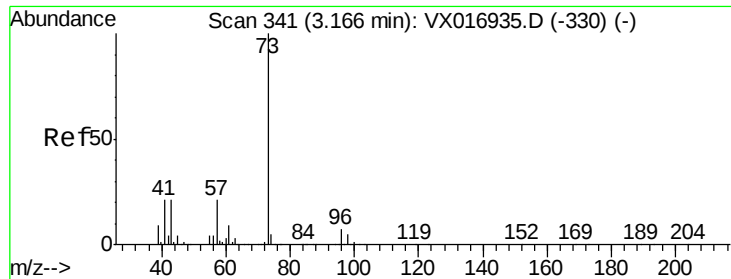
MMDadoda
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#18
Methyl Acetate
Concen: 48.440 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.6	27.8





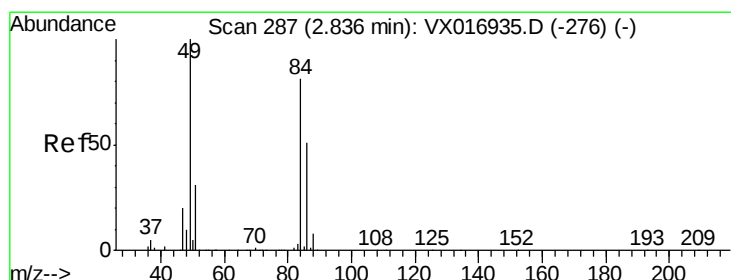
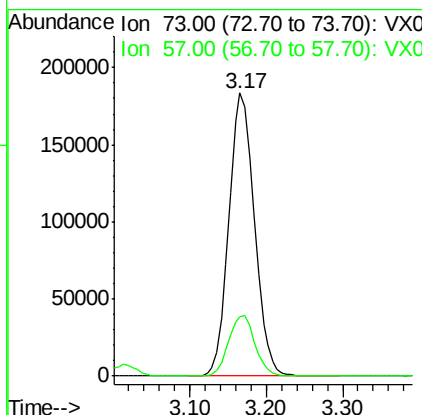
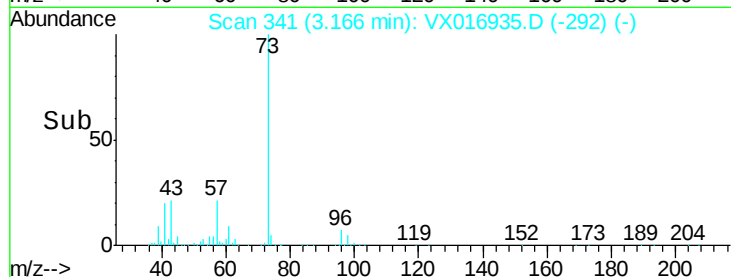
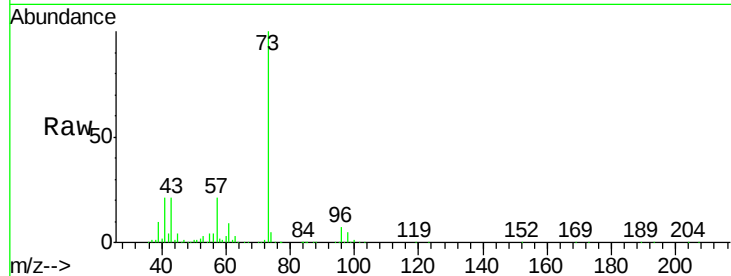
#19
Methvl tert-butvl Ether
Concen: 48.510 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 425776
Ion Ratio Lower Upper
73 100
57 20.9 16.7 25.1

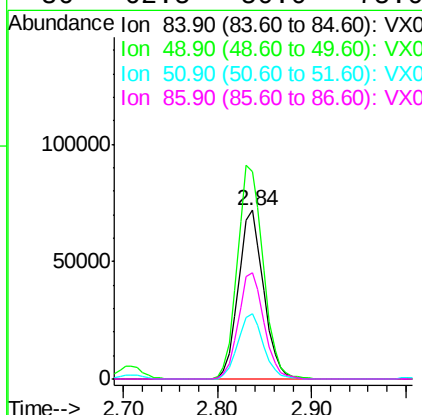
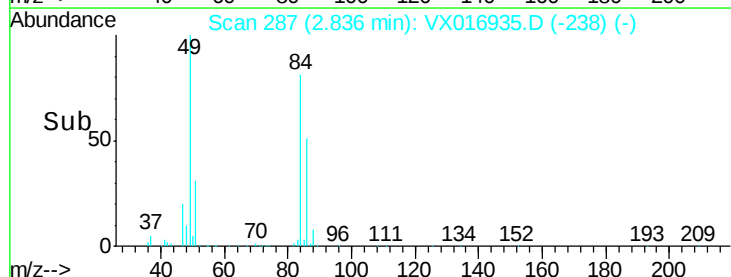
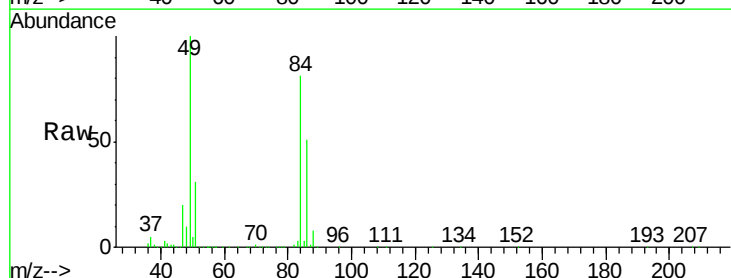
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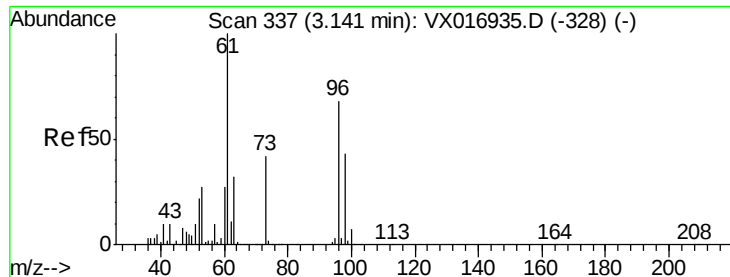
MMDadoda
6/24/2020 10:54:35 AM



#20
Methylene Chloride
Concen: 44.759 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 84 Resp: 133863
Ion Ratio Lower Upper
84 100
49 122.8 98.2 147.4
51 38.4 30.7 46.1
86 62.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 46.233 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 117040

Ion Ratio Lower Upper

96 100

61 147.6 118.1 177.1

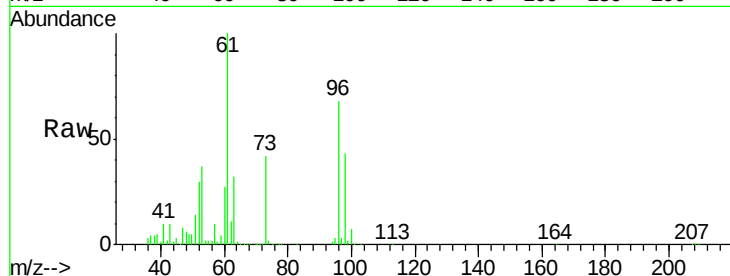
98 63.4 50.7 76.1

Manual Integrations

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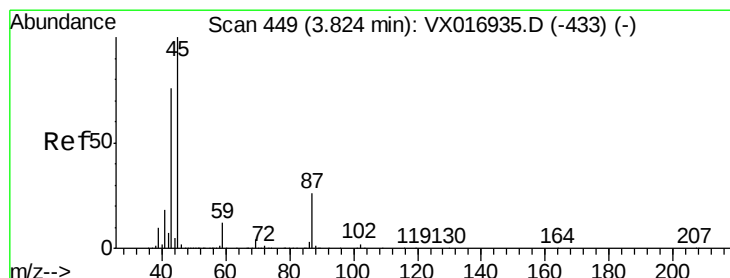
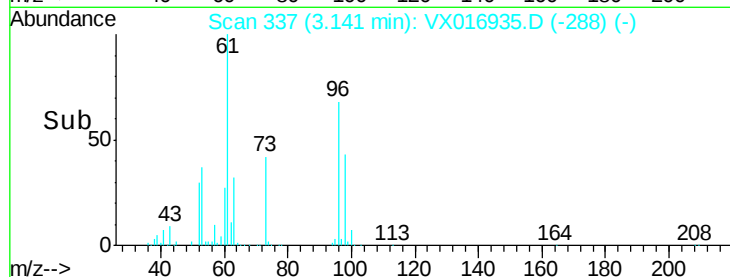
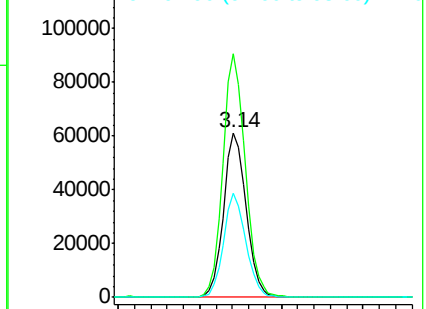


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.607 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Tgt Ion: 45 Resp: 364577

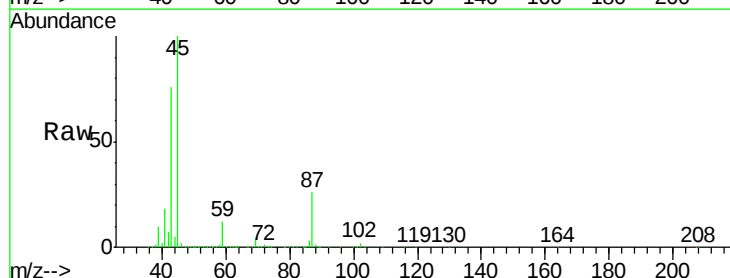
Ion Ratio Lower Upper

45 100

43 76.2 61.0 91.4

87 25.7 20.6 30.8

59 11.6 9.3 13.9



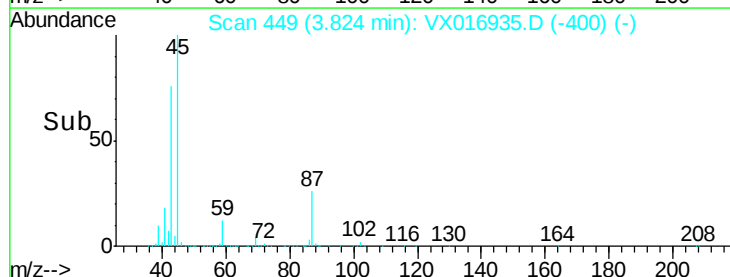
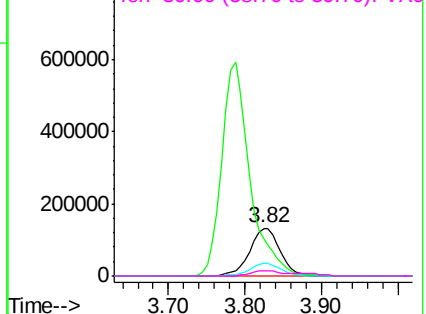
Abundance

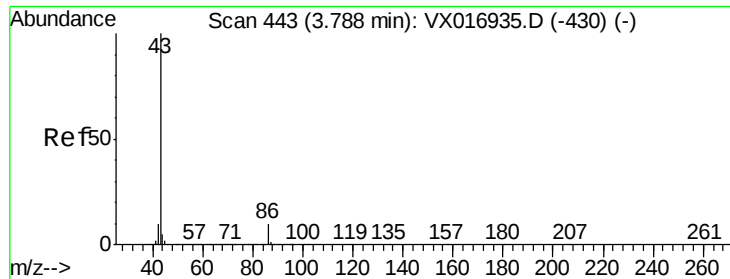
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 230.186 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1519401

Ion Ratio Lower Upper

43 100

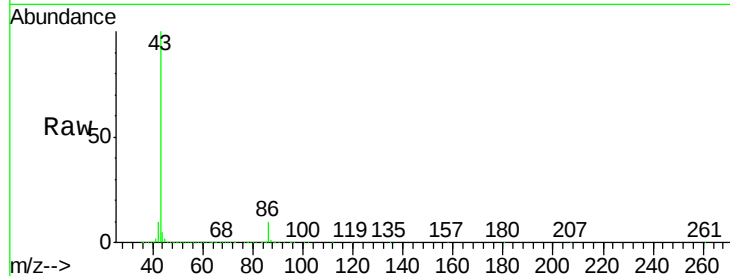
86 10.0 8.0 12.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

600000

400000

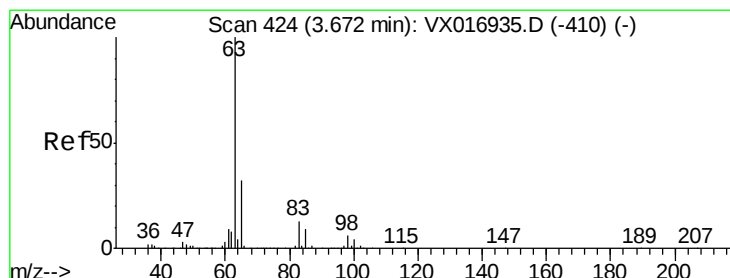
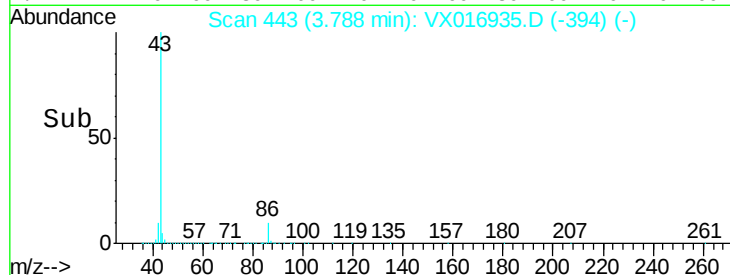
200000

0

3.79

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 40.278 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

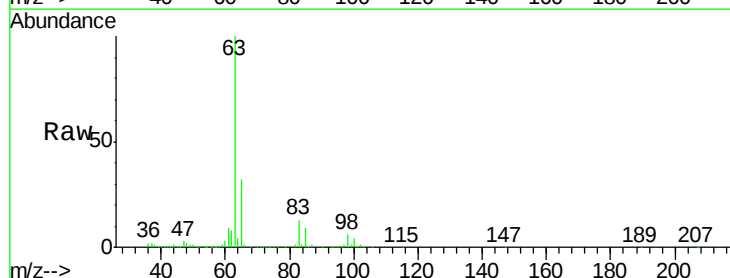
Tgt Ion: 63 Resp: 189563

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

100 4.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

60000

40000

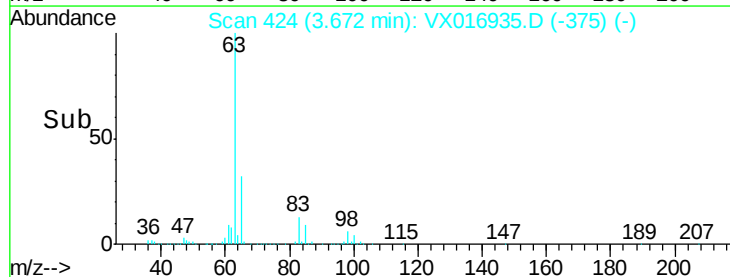
20000

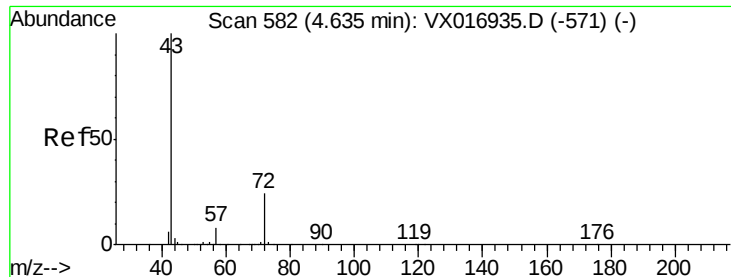
0

3.67

3.60 3.70 3.80

Time-->





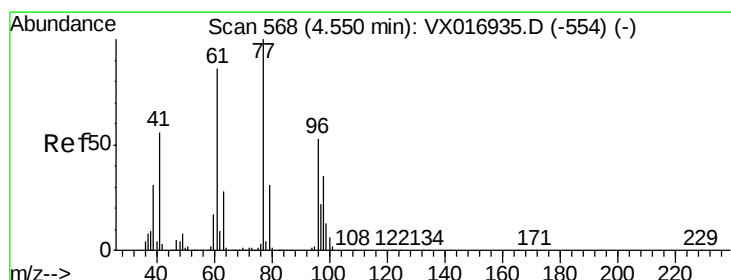
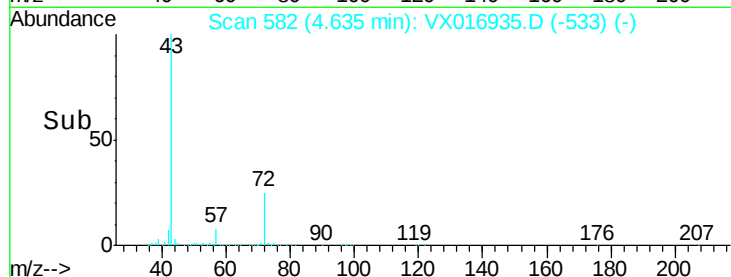
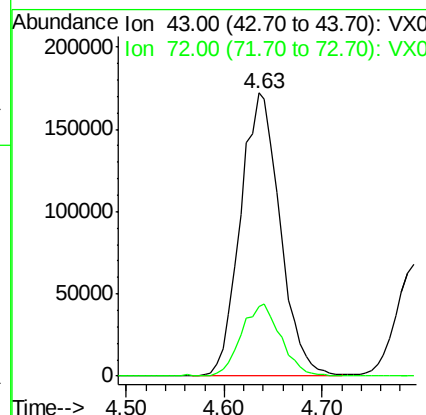
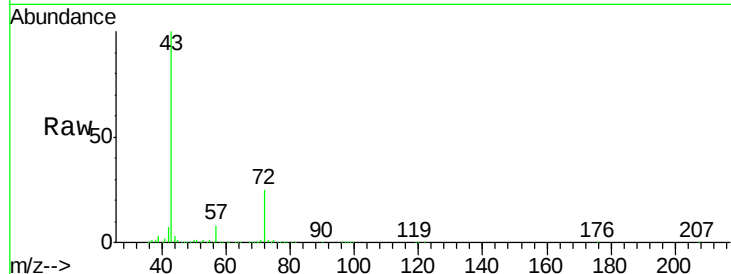
#25
2-Butanone
Concen: 254.750 ug/l
RT: 4.63 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	482006
Ion Ratio	100	Lower	Upper
72	24.5	19.6	29.4

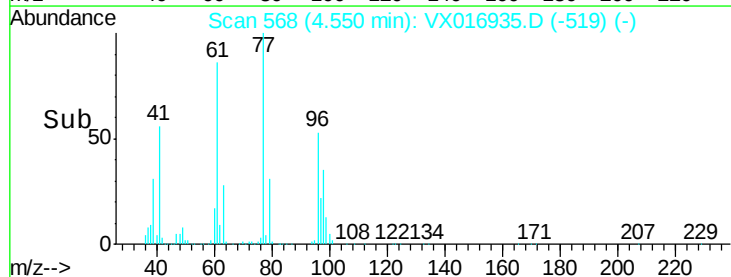
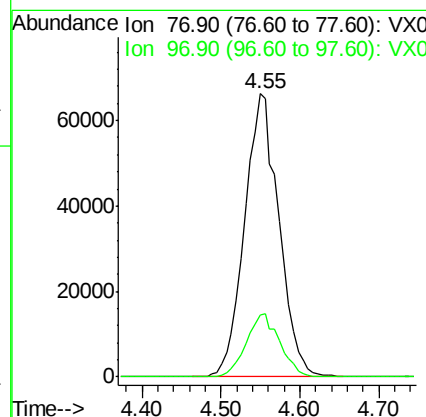
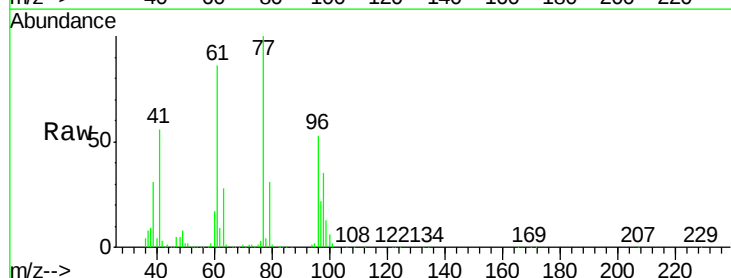
Manual Integrations
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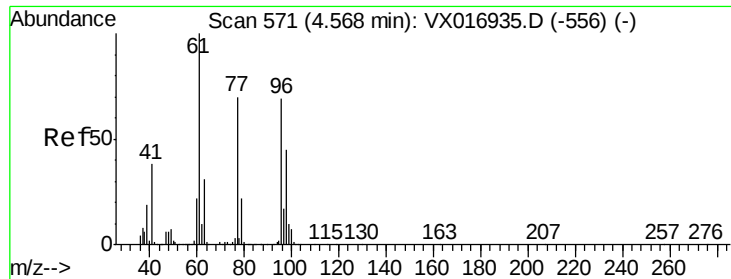
MMDadoda
6/24/2020 10:54:35 AM



#26
2,2-Dichloropropane
Concen: 48.461 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	77	Resp	200508
Ion Ratio	100	Lower	Upper
97	21.9	10.9	32.9





#27

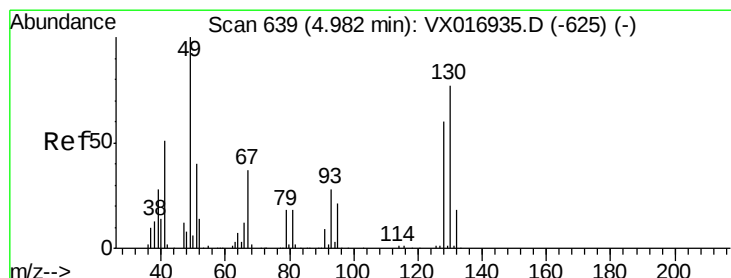
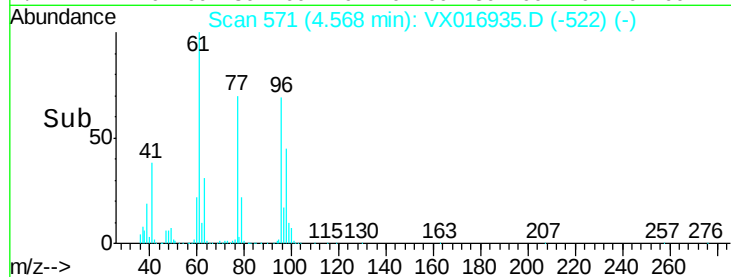
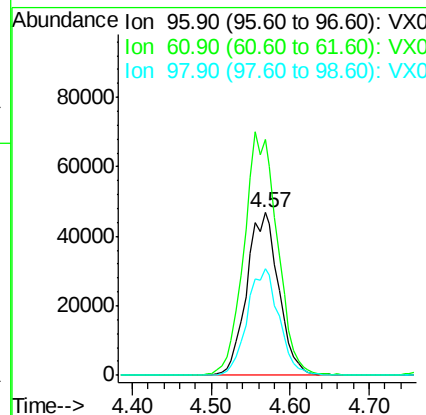
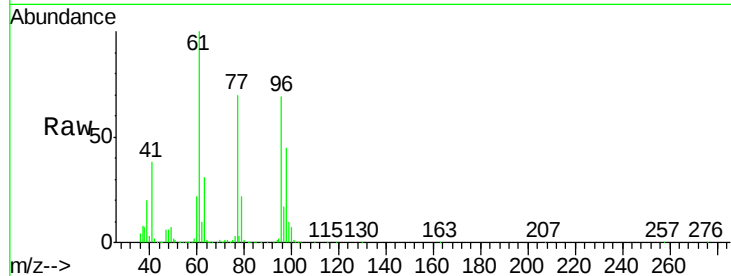
cis-1,2-Dichloroethene
Concen: 46.405 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.1	0.0	312.2
98	65.3	0.0	130.6

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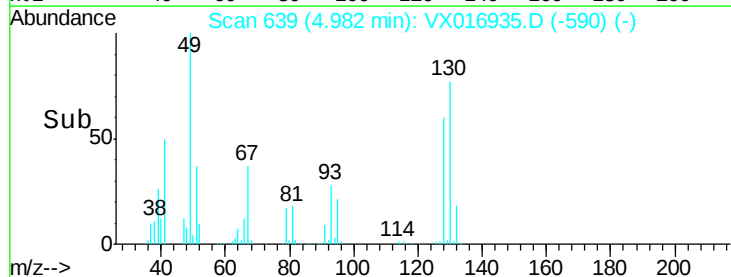
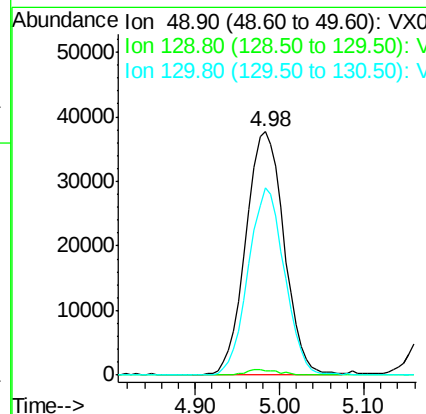
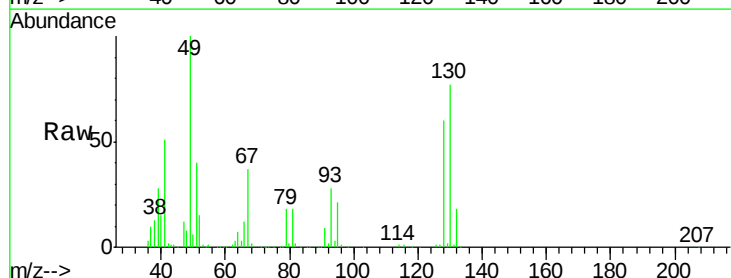
MMDadoda
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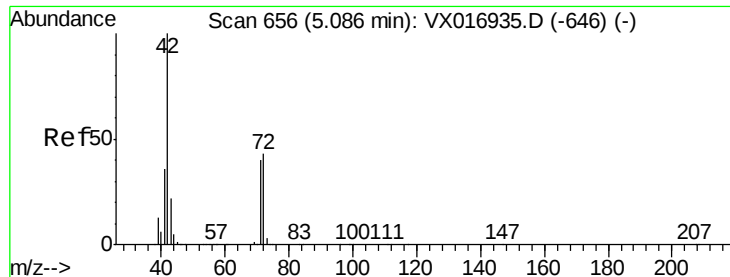


#28

Bromochloromethane
Concen: 47.560 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	73.4	58.7	88.1





#29

Tetrahydrofuran

Concen: 283.987 ug/l

RT: 5.09 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

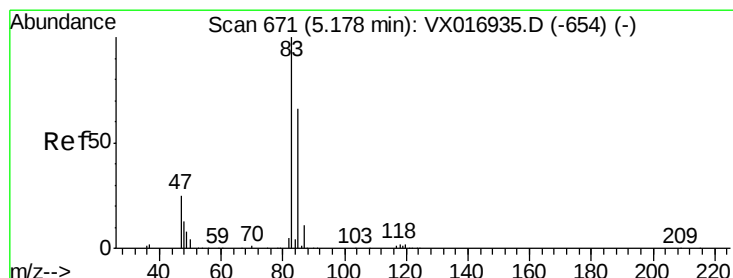
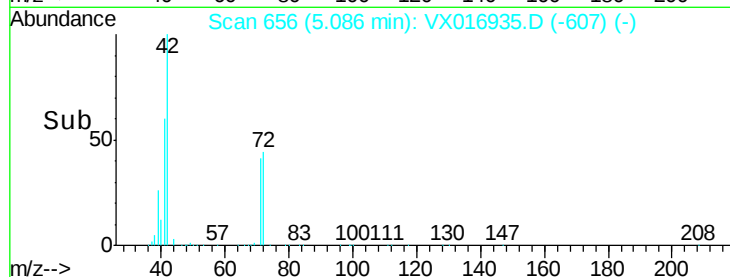
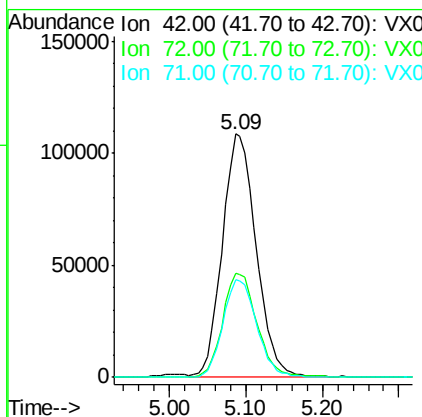
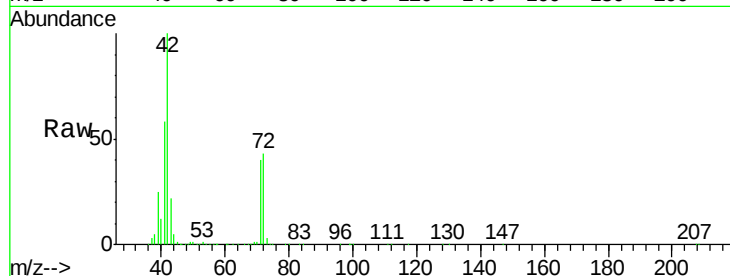
ClientSampleId :

VSTDICCC050

Tot Ion:	42	Resp:	329900
Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.9	52.3
71	40.3	32.2	48.4

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#30

Chloroform

Concen: 50.113 ug/l

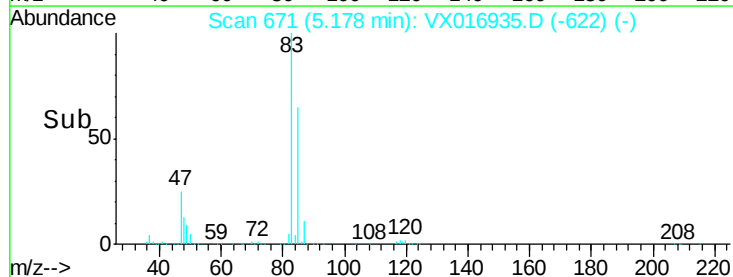
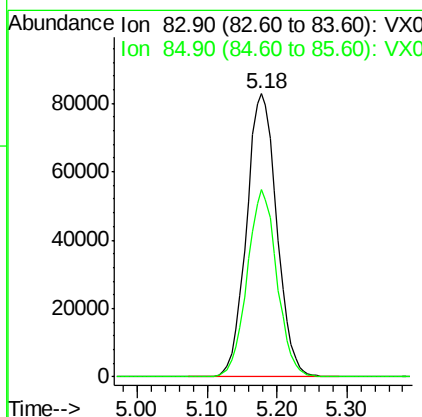
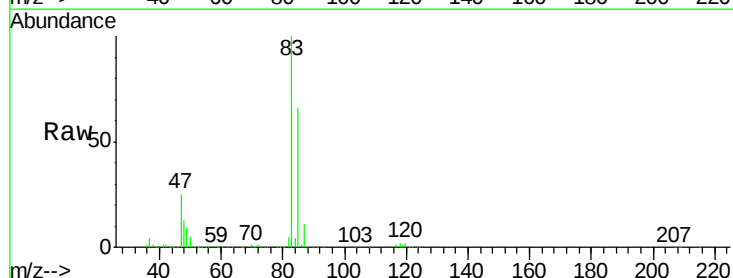
RT: 5.18 min Scan# 671

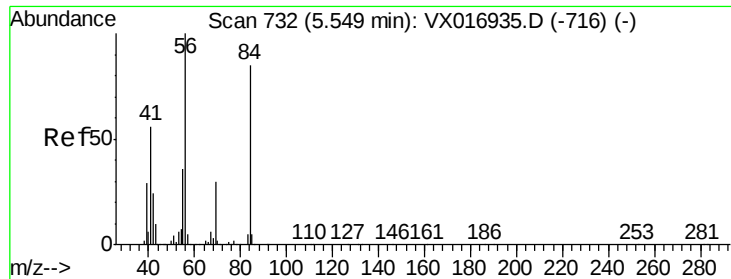
Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Tgt Ion:	83	Resp:	248463
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.8	79.2





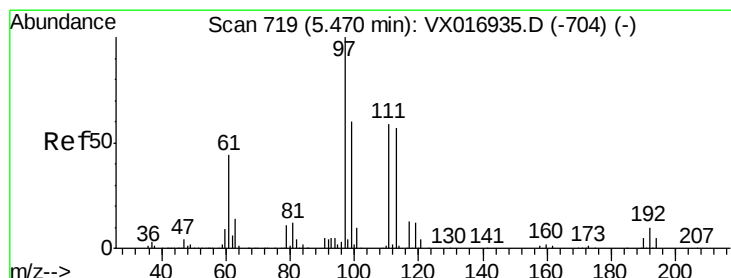
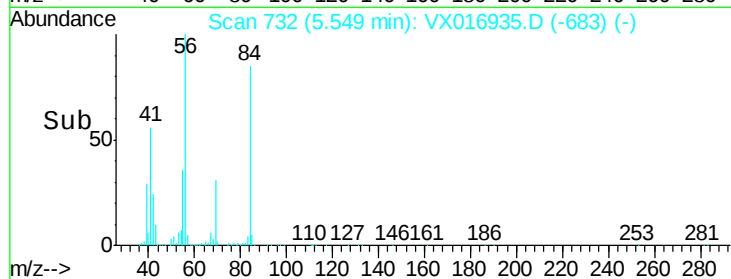
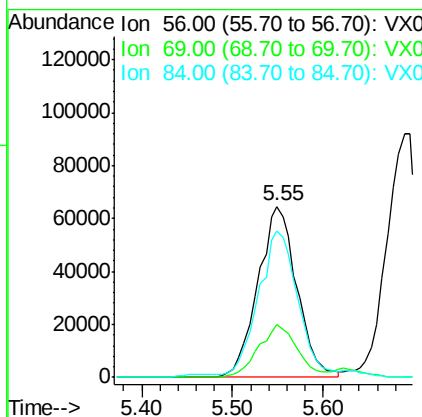
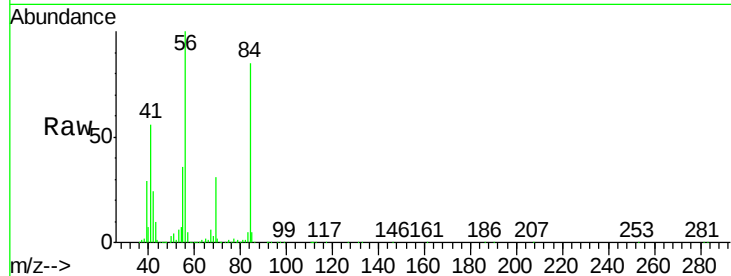
#31
Cyclohexane
Concen: 50.951 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.5	24.4	36.6	
84	83.8	67.0	100.6	

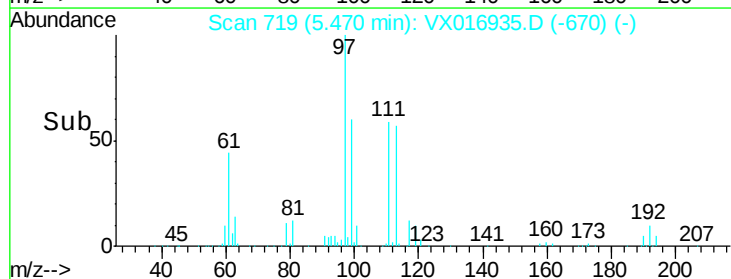
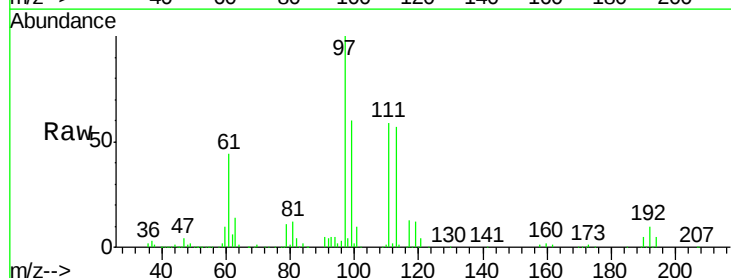
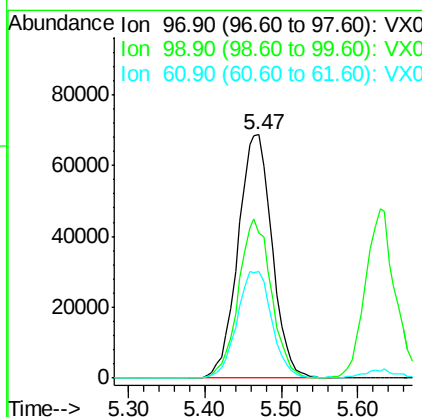
Manual Integrations
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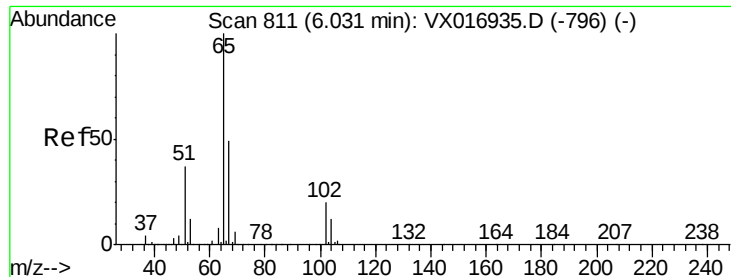
MMDadoda
6/24/2020 10:54:35 AM



#32
1,1,1-Trichloroethane
Concen: 48.803 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.3	50.6	76.0	
61	45.1	36.1	54.1	





#33

1,2-Dichloroethane-d4

Concen: 46.688 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 147476

Ion Ratio Lower Upper

65 100

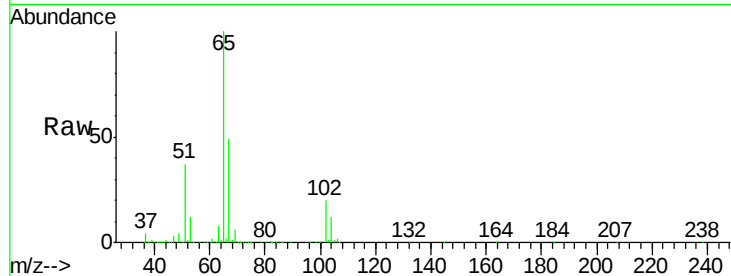
67 51.3 0.0 102.6

Manual Integrations

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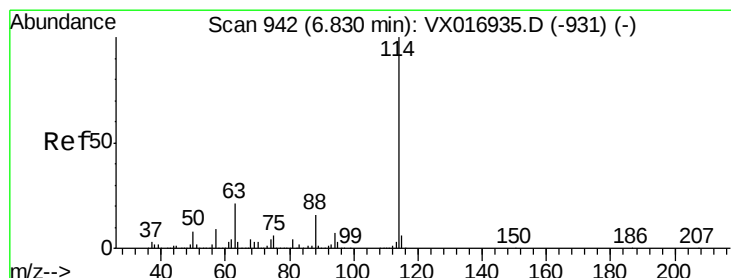
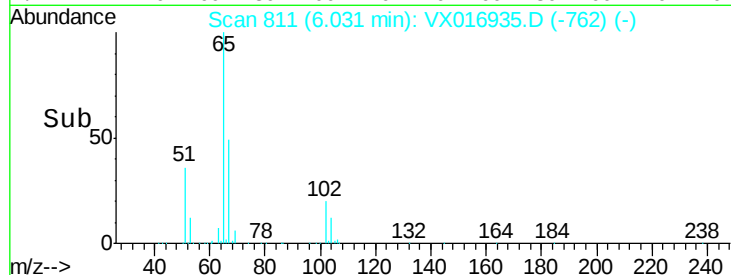
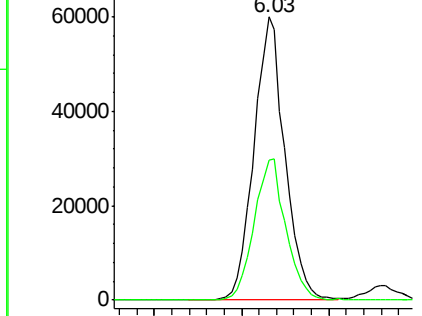
MMDadoda

6/24/2020 10:54:35 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

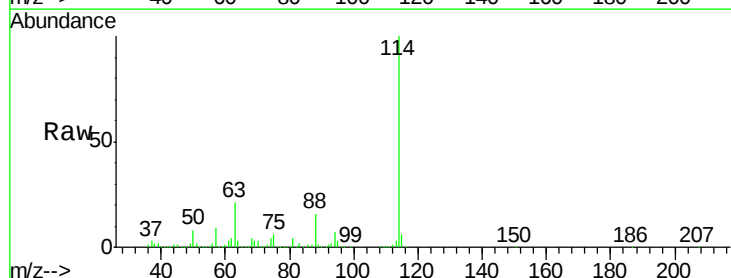
Tgt Ion: 114 Resp: 341629

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

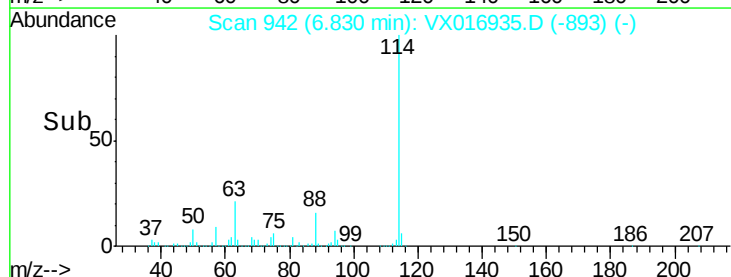
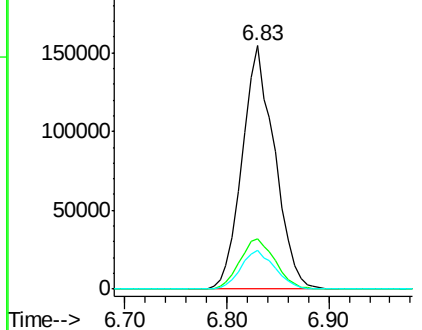
88 16.2 0.0 32.4

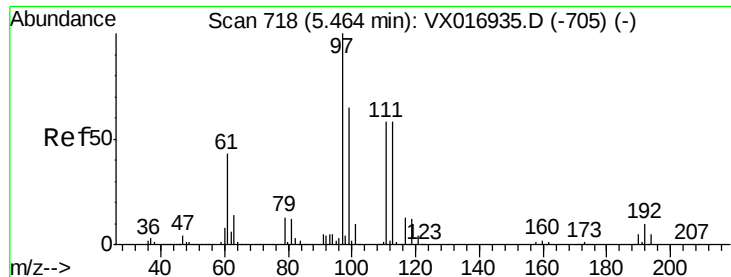


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





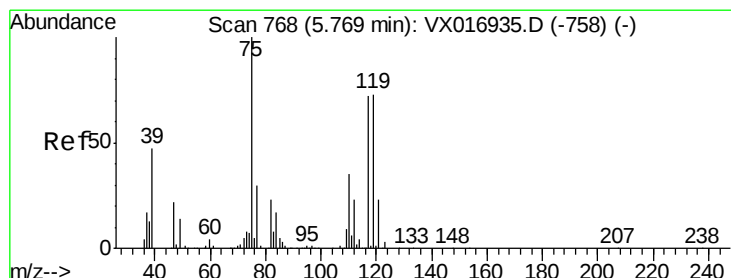
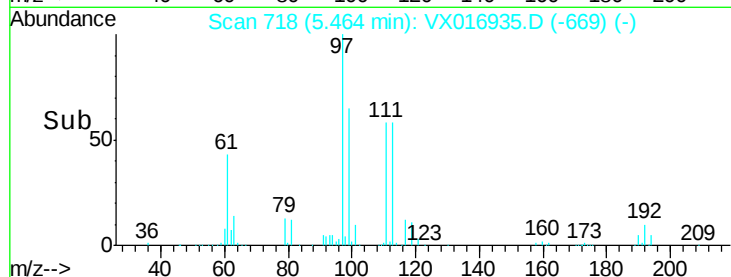
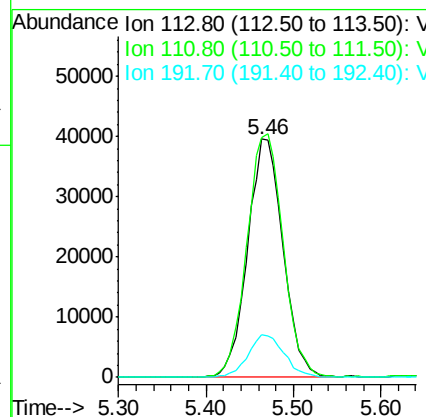
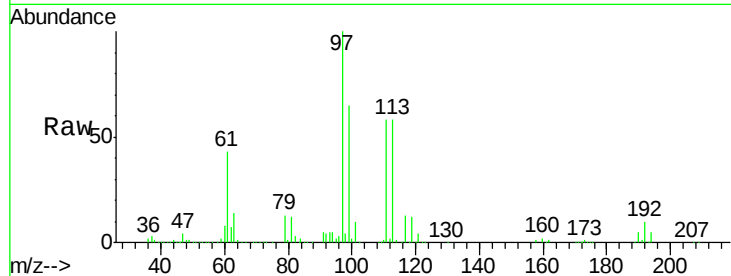
#35
 Dibromofluoromethane
 Concen: 47.636 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111356		
111	104.2	83.4	125.0	
192	18.3	14.6	22.0	

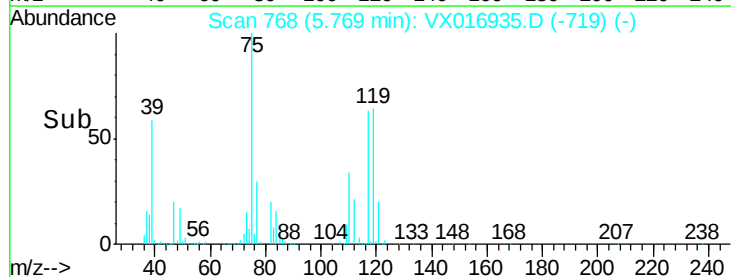
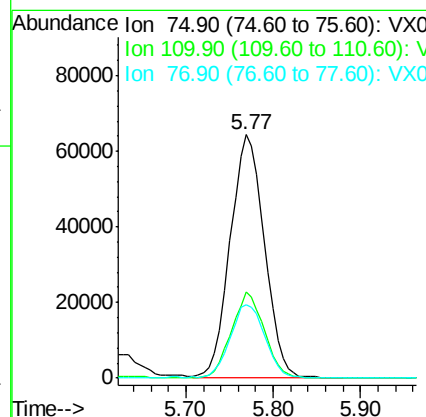
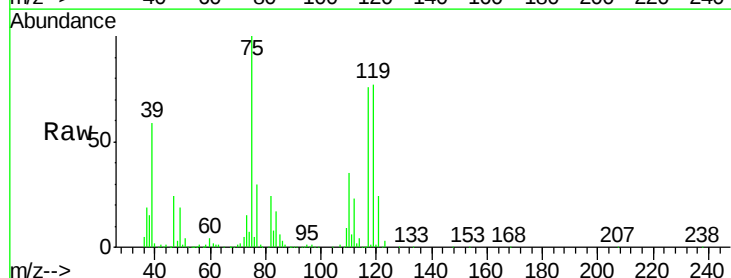
Manual Integrations
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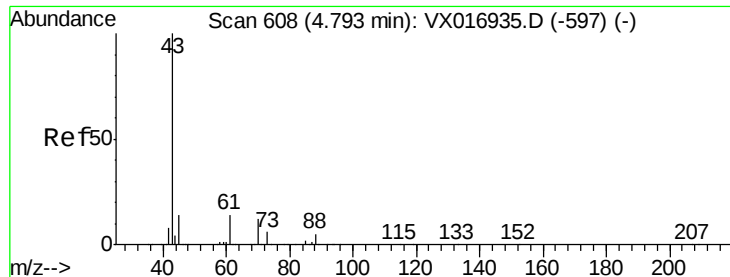
MMDadoda
 6/24/2020 10:54:35 AM



#36
 1,1-Dichloropropene
 Concen: 53.444 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	174119		
110	34.2	17.1	51.3	
77	31.1	24.9	37.3	





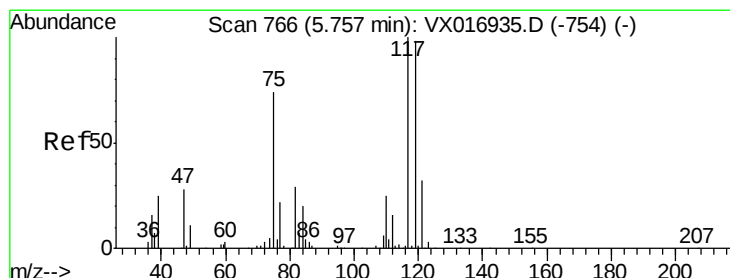
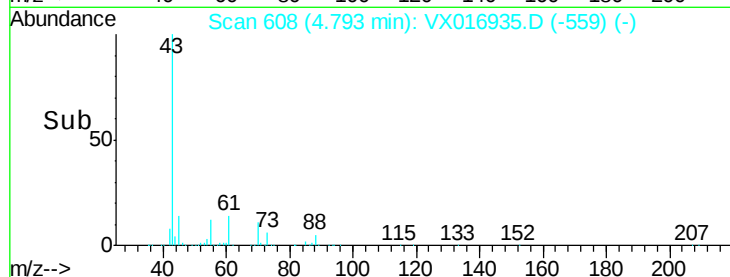
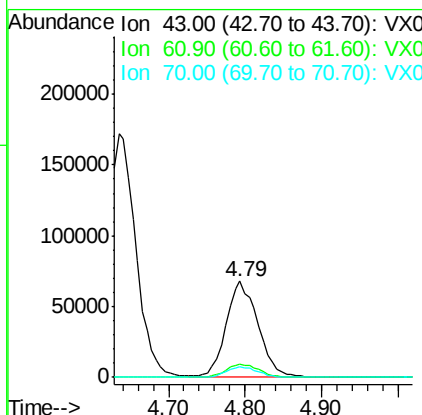
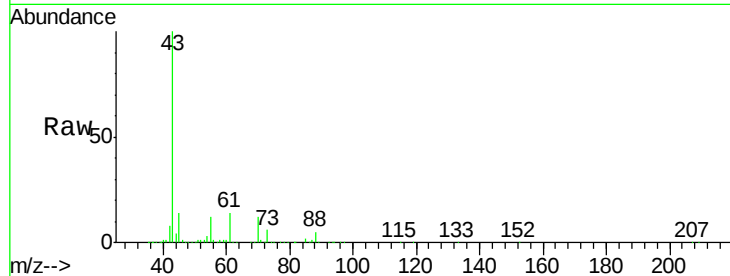
#37
Ethyl Acetate
Concen: 54.343 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	11.1	8.9	13.3

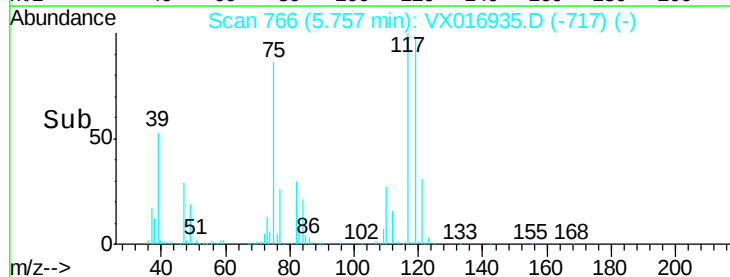
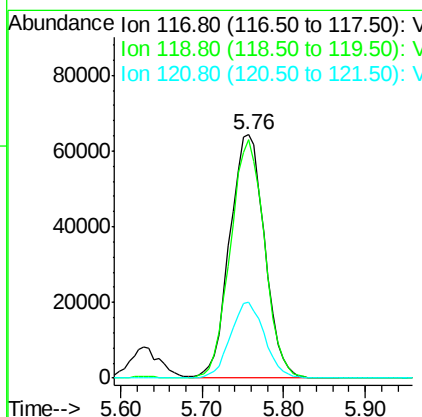
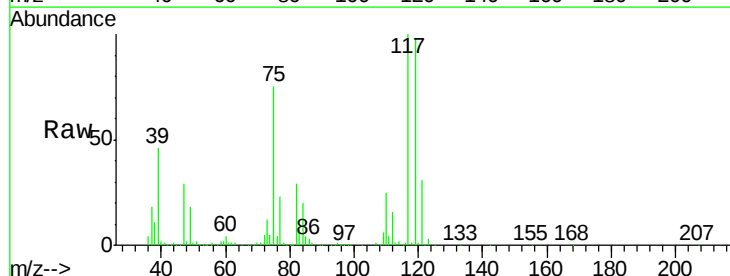
Manual Integrations
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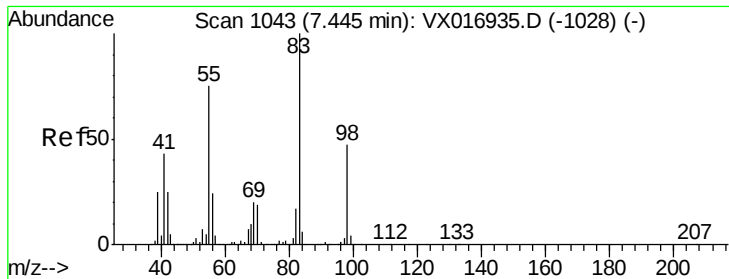
MMDadoda
6/24/2020 10:54:35 AM



#38
Carbon Tetrachloride
Concen: 54.575 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.2	117.2
121	31.3	25.0	37.6





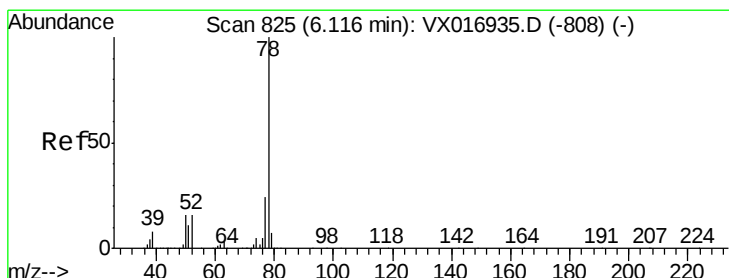
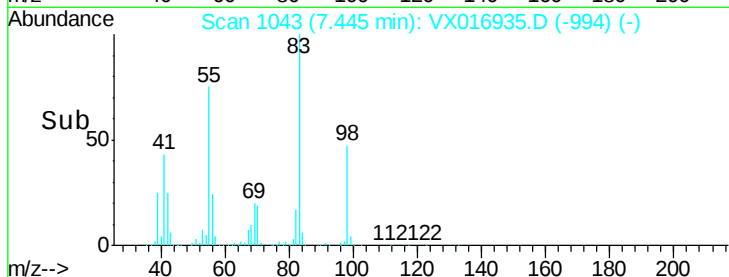
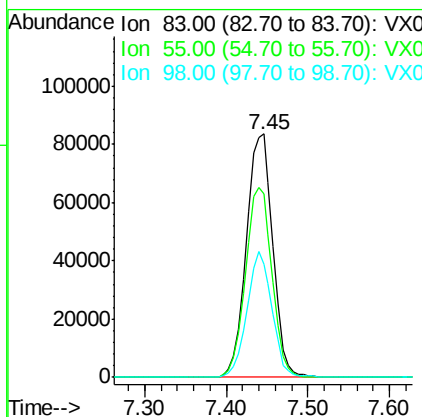
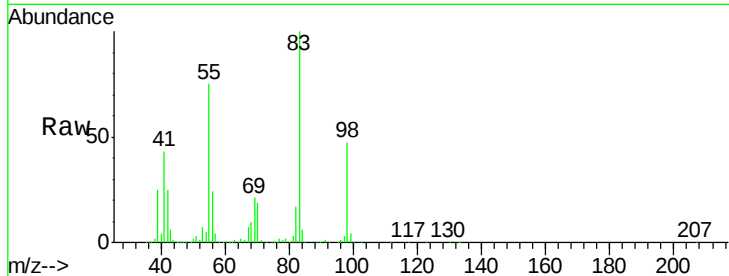
#39
Methvlcvclohexane
Concen: 52.721 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.9	59.9	89.9
98	46.6	37.3	55.9

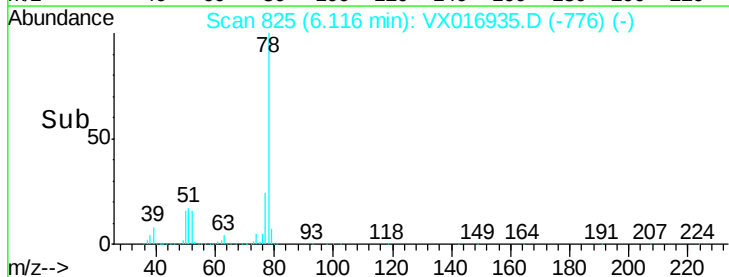
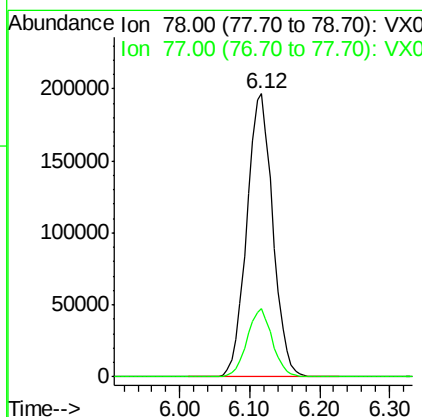
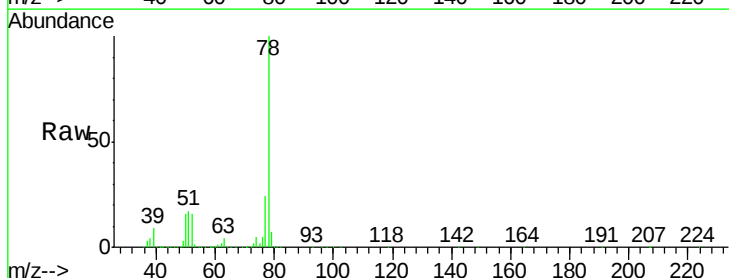
Manual Integrations
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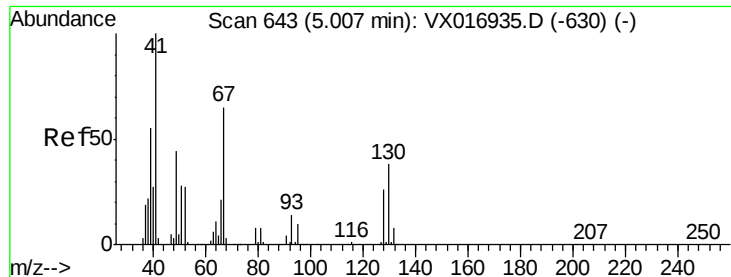
MMDadoda
6/24/2020 10:54:35 AM



#40
Benzene
Concen: 54.218 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





#41

Methacrylonitrile

Concen: 54.604 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 113863

Ion Ratio Lower Upper

41 100

39 55.2 44.2 66.2

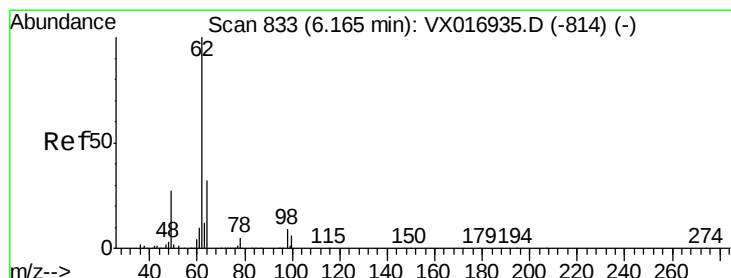
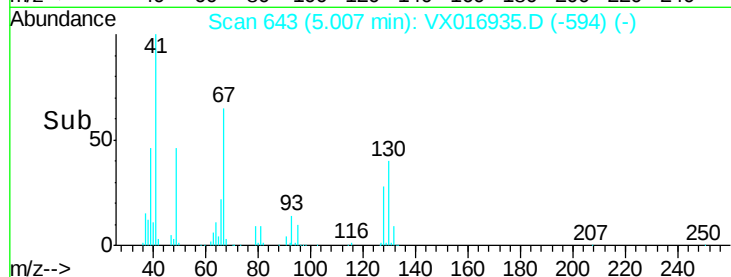
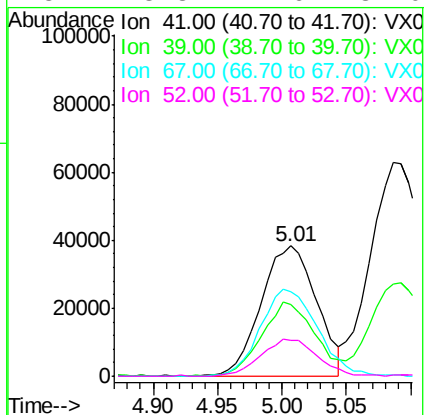
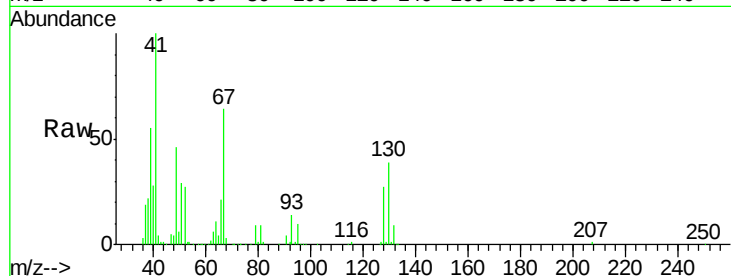
67 68.9 55.1 82.7

52 28.3 22.6 34.0

Manual Integrations
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MMDadoda

6/24/2020 10:54:35 AM



#42

1,2-Dichloroethane

Concen: 51.494 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX016935.D

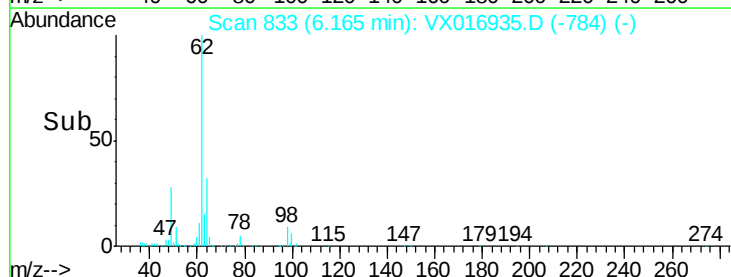
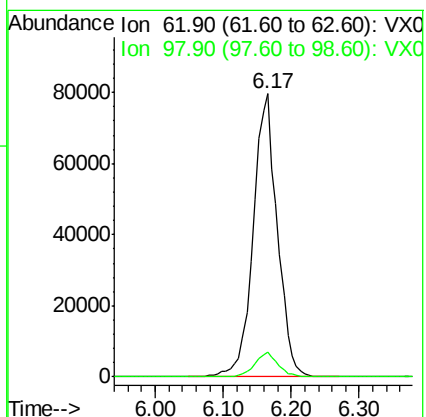
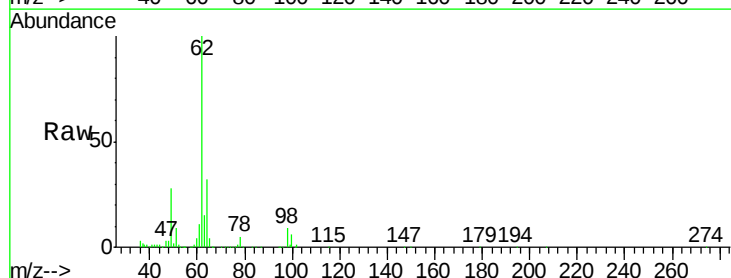
Acq: 23 Jun 2020 17:16

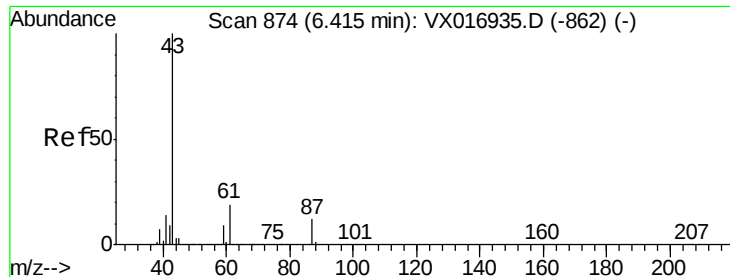
Tgt Ion: 62 Resp: 197297

Ion Ratio Lower Upper

62 100

98 8.5 0.0 17.0





#43

Isopropyl Acetate

Concen: 52.906 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

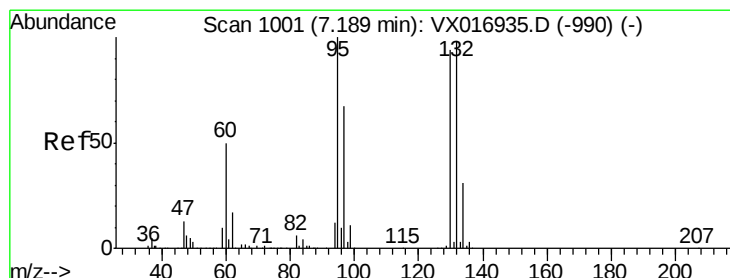
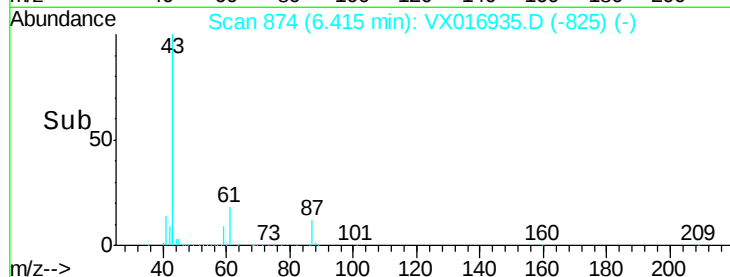
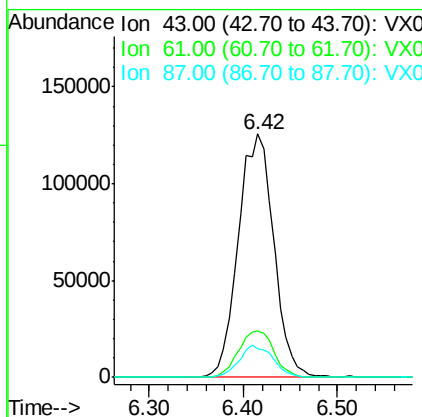
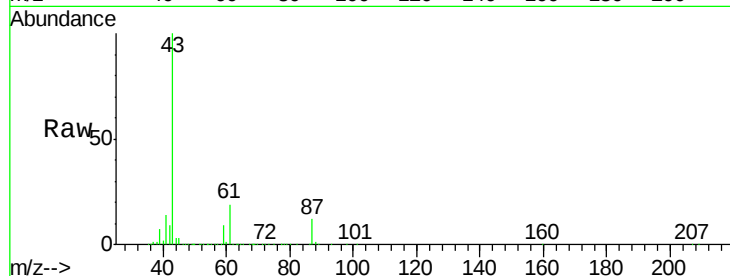
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	329971
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	12.7	10.2	15.2

Manual Integrations
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#44

Trichloroethene

Concen: 49.259 ug/l

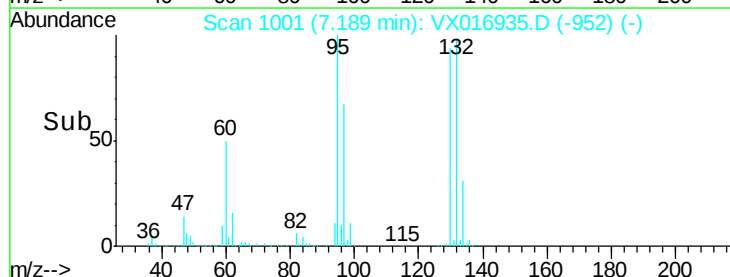
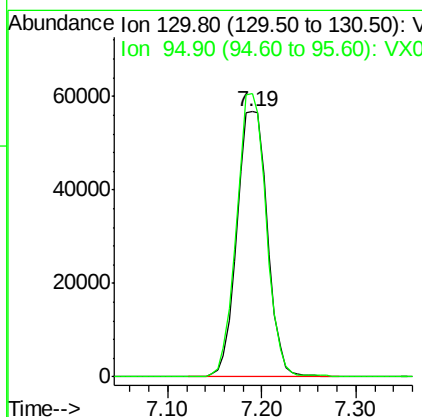
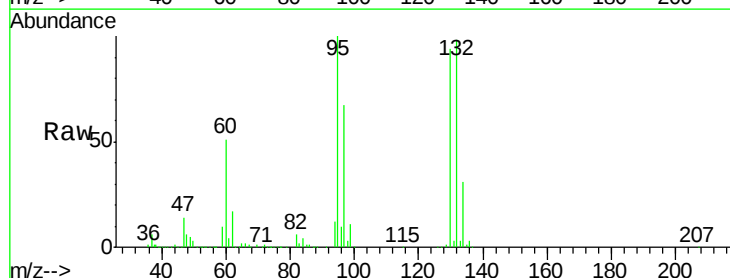
RT: 7.19 min Scan# 1001

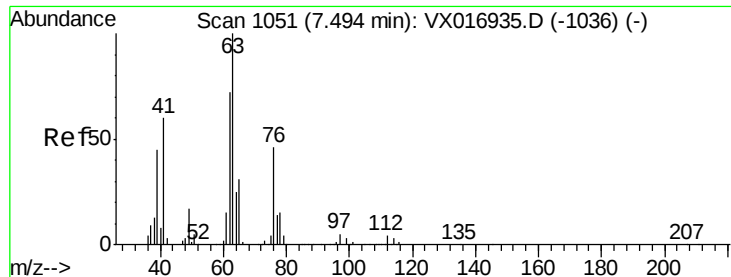
Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Tgt Ion:	130	Resp:	128705
Ion	Ratio	Lower	Upper
130	100		
95	106.6	0.0	213.2





#45

1,2-Dichloropropane

Concen: 49.177 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 127178

Ion Ratio Lower Upper

63 100

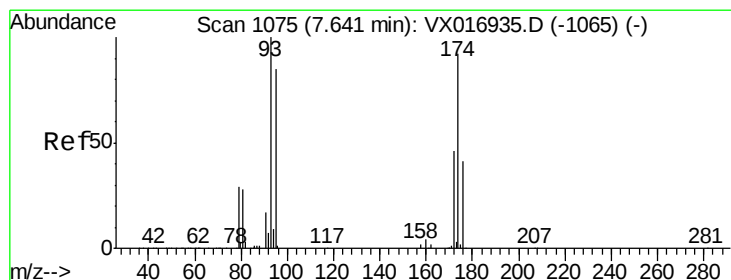
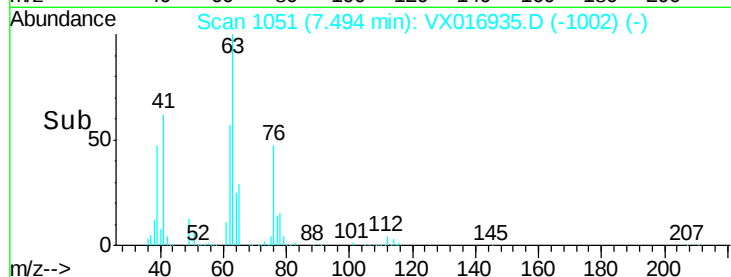
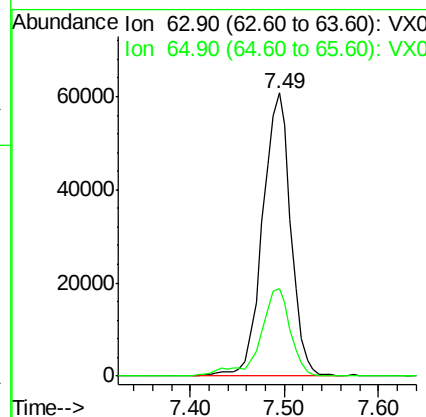
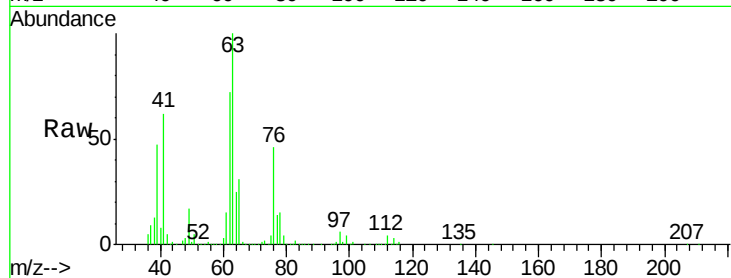
65 30.5 24.4 36.6

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#46

Dibromomethane

Concen: 51.166 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

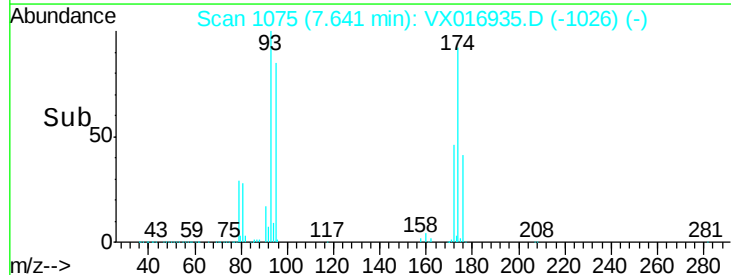
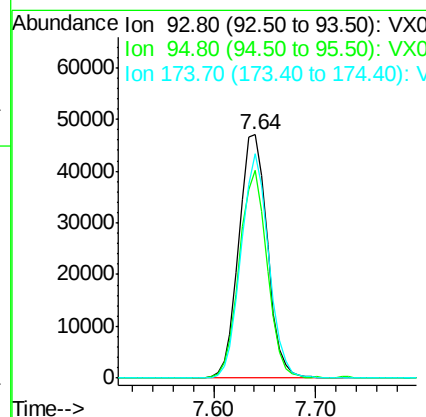
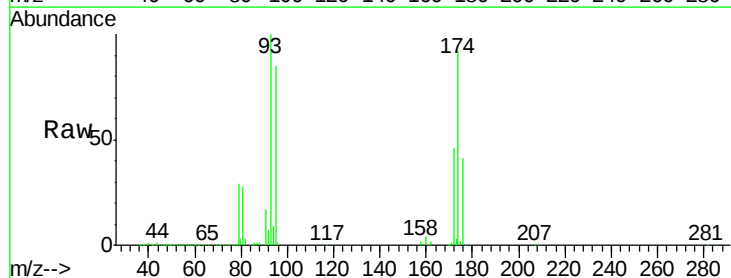
Tgt Ion: 93 Resp: 91456

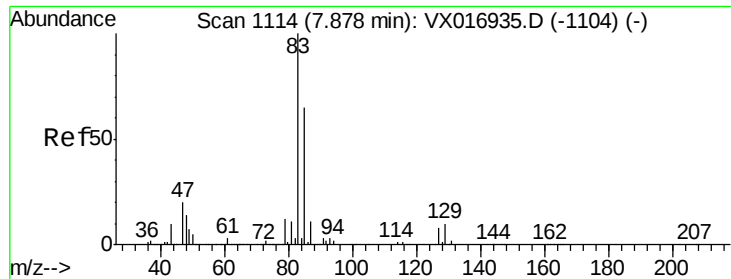
Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

174 88.9 71.1 106.7





#47

Bromodichloromethane

Concen: 47.720 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

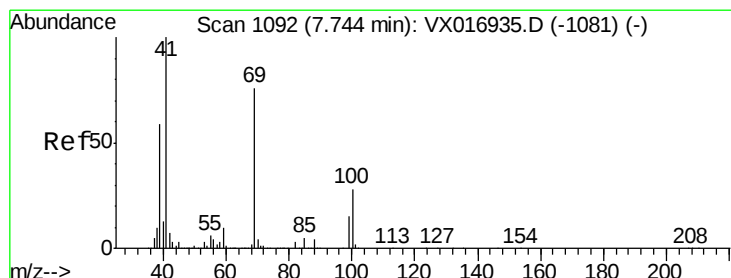
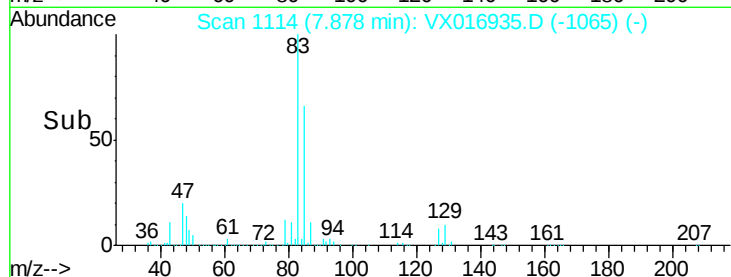
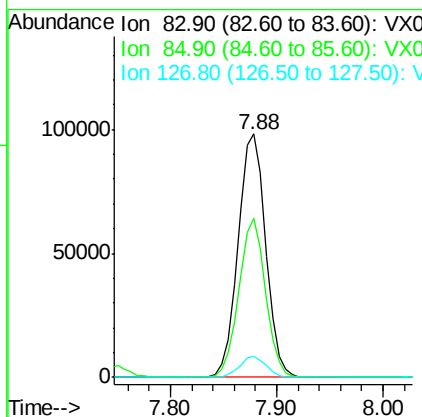
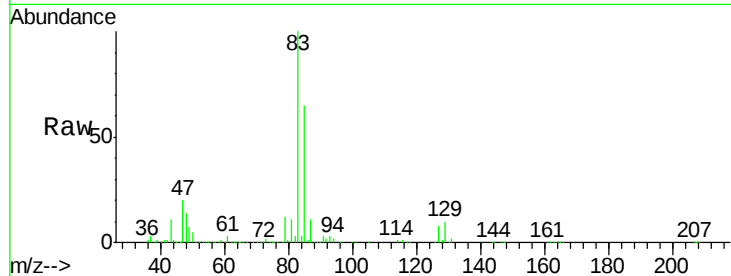
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	178897
Ion Ratio	Lower	Upper	
83	100		
85	65.5	52.4	78.6
127	8.4	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.780 ug/l

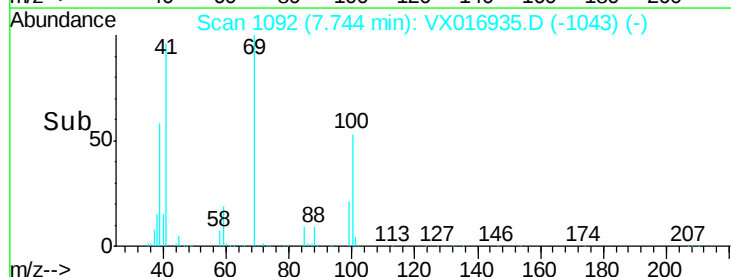
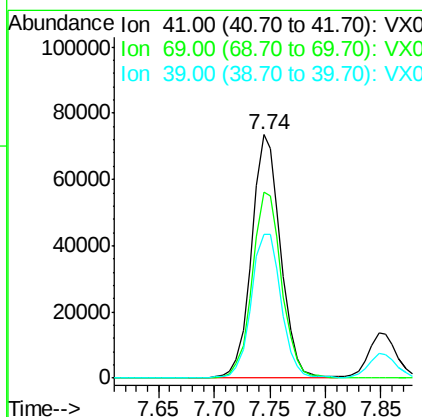
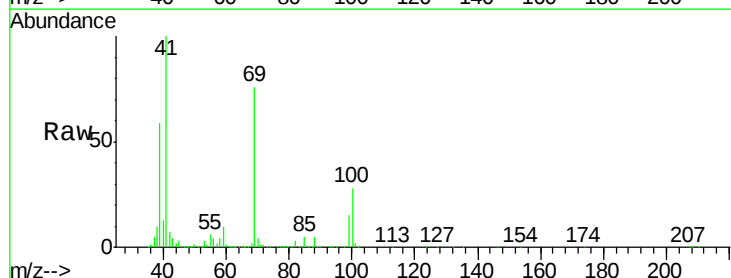
RT: 7.74 min Scan# 1092

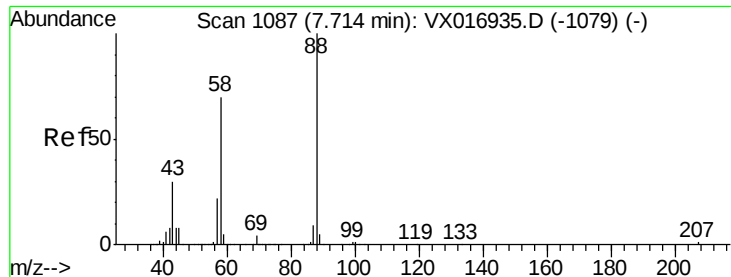
Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Tgt Ion:	41	Resp:	132766
Ion Ratio	Lower	Upper	
41	100		
69	78.1	62.5	93.7
39	61.4	49.1	73.7





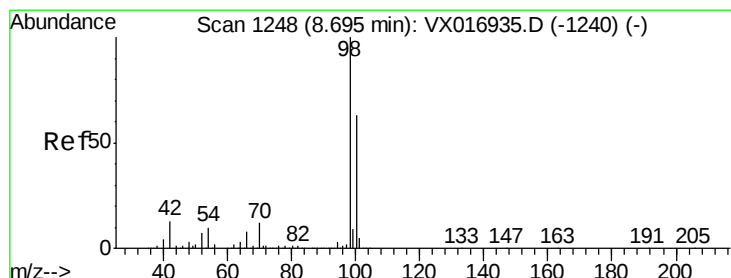
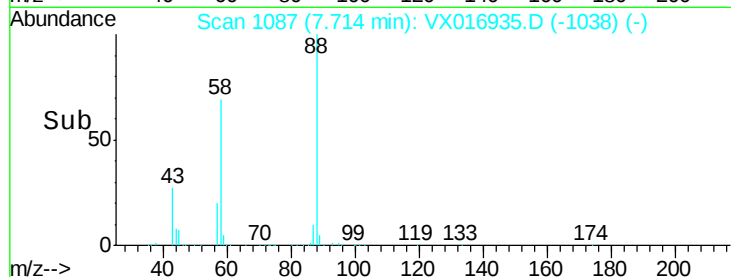
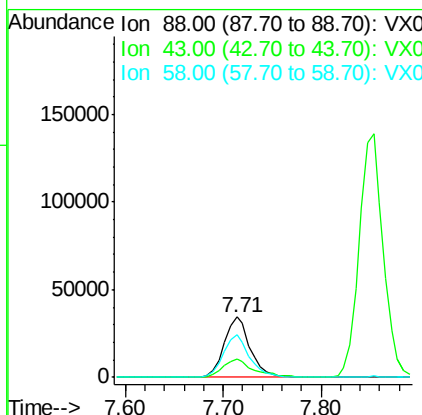
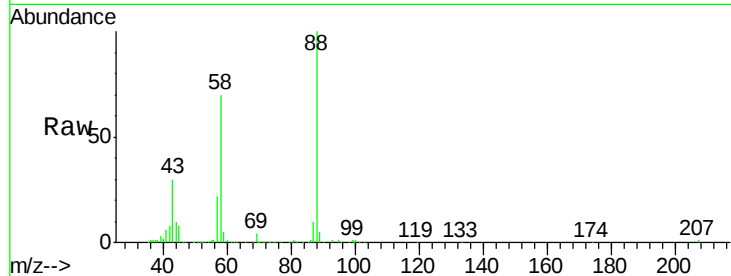
#49
1,4-Dioxane
Concen: 1012.582 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.1	27.3	40.9
58	71.7	57.4	86.0

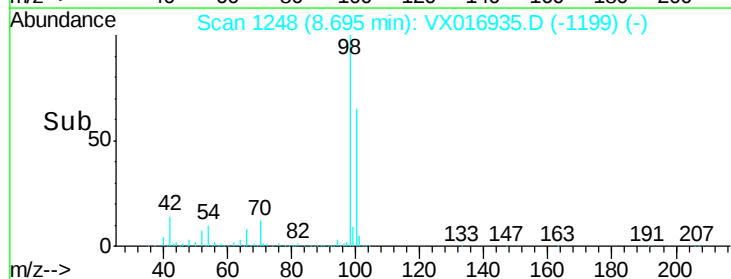
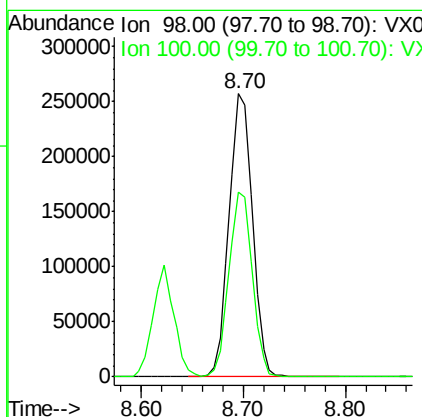
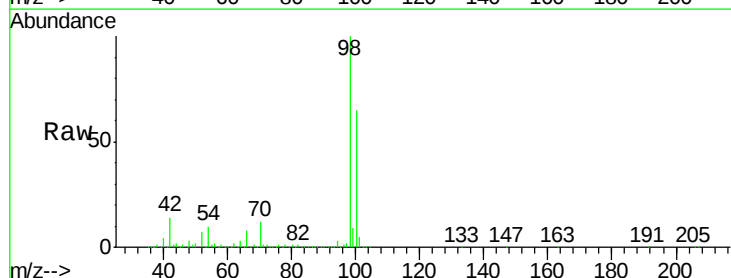
Manual Integrations
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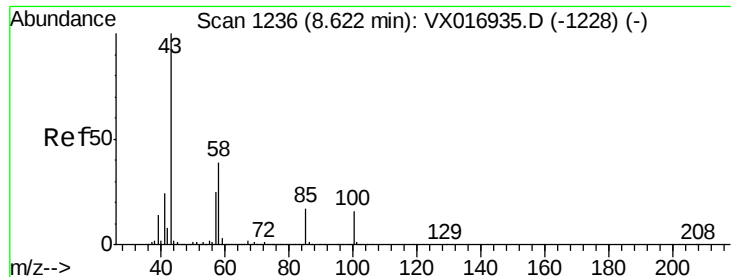
MMDadoda
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#50
Toluene-d8
Concen: 49.334 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 265.014 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 962769

Ion Ratio Lower Upper

43 100

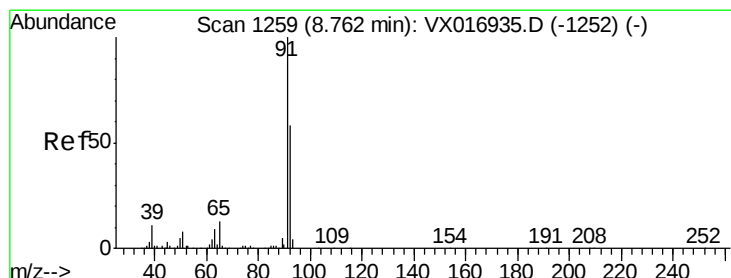
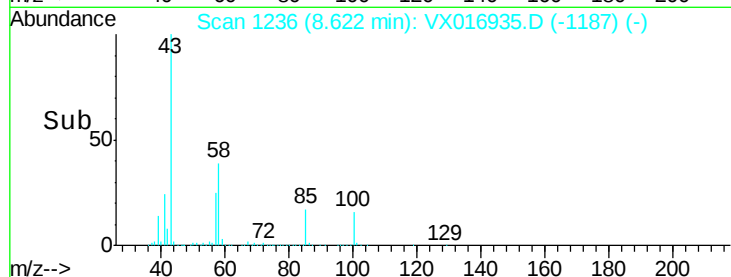
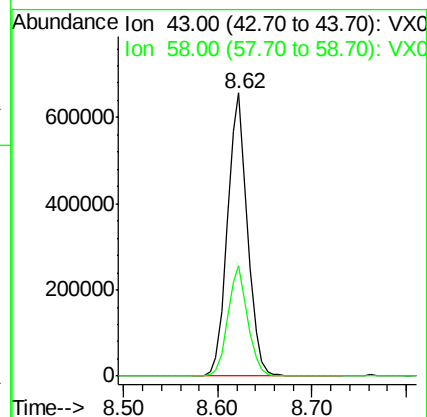
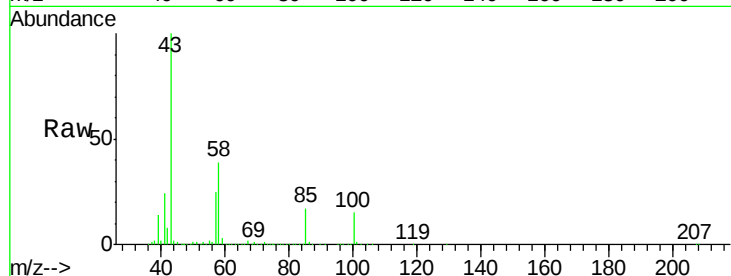
58 38.3 30.6 46.0

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6/24/2020 10:54:35 AM



#52

Toluene

Concen: 51.000 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016935.D

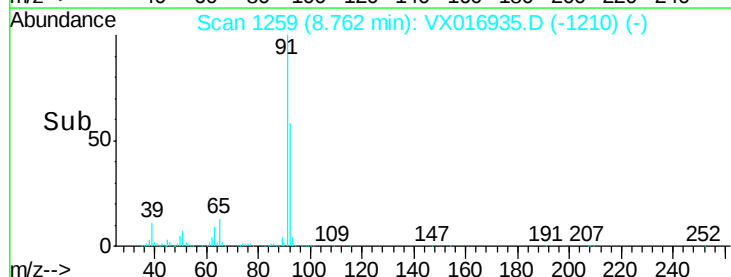
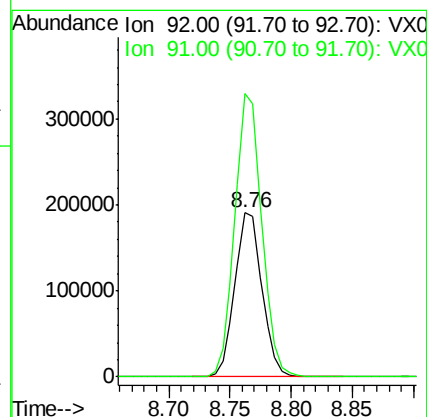
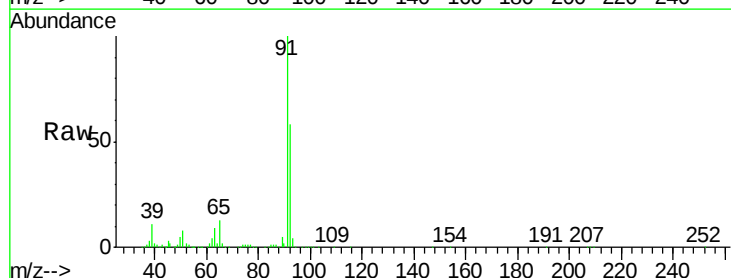
Acq: 23 Jun 2020 17:16

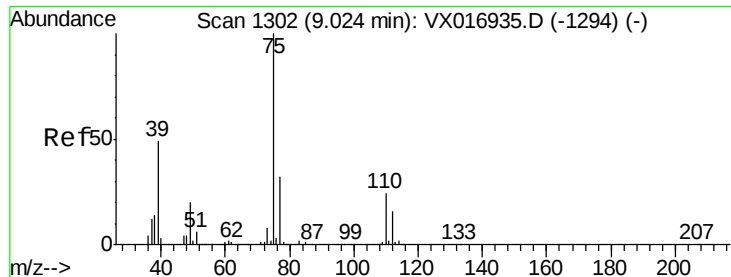
Tgt Ion: 92 Resp: 292431

Ion Ratio Lower Upper

92 100

91 171.7 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 52.681 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 227325

Ion Ratio Lower Upper

75 100

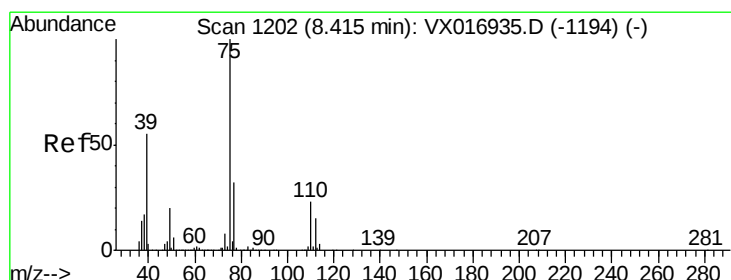
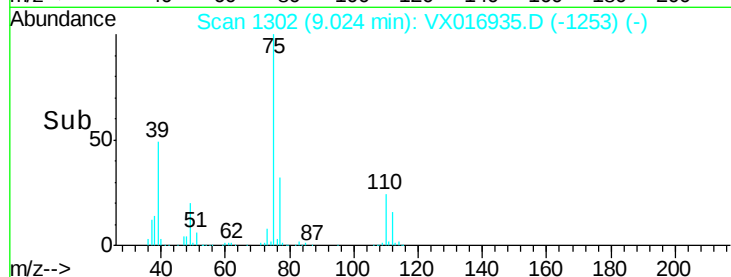
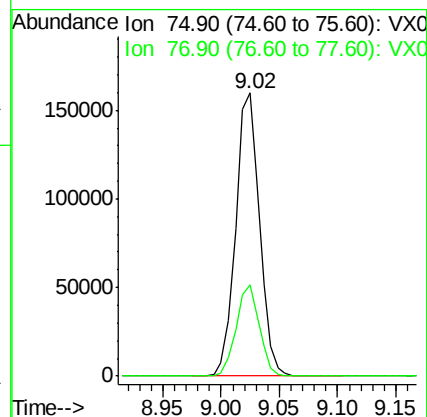
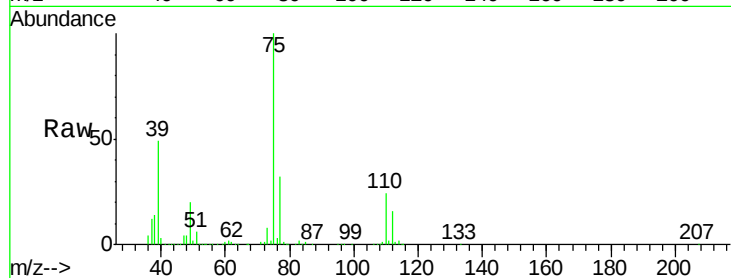
77 32.1 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 46.296 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

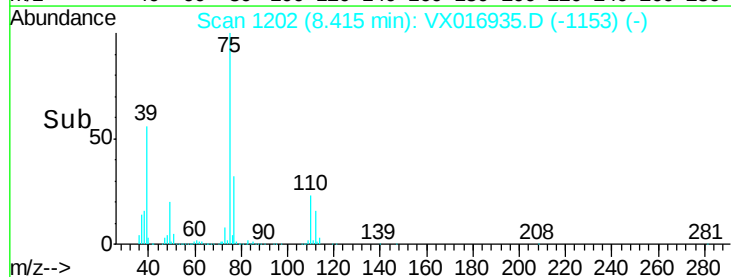
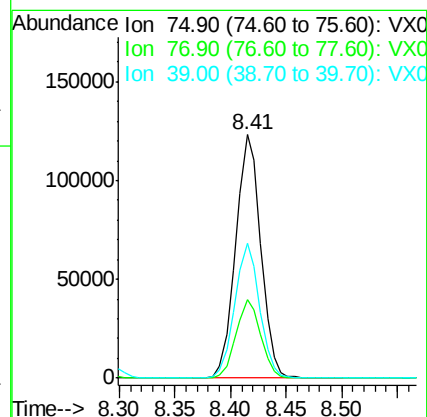
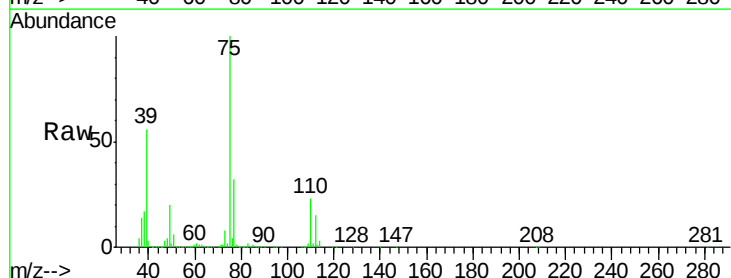
Tgt Ion: 75 Resp: 192771

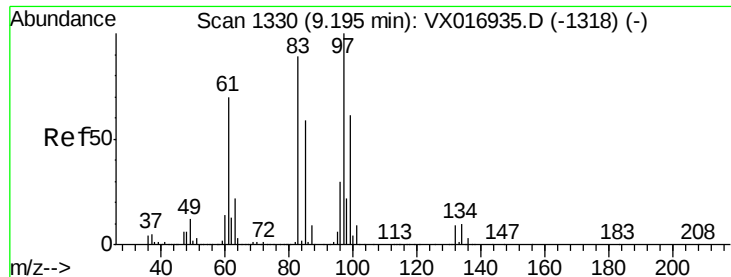
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 55.5 44.4 66.6





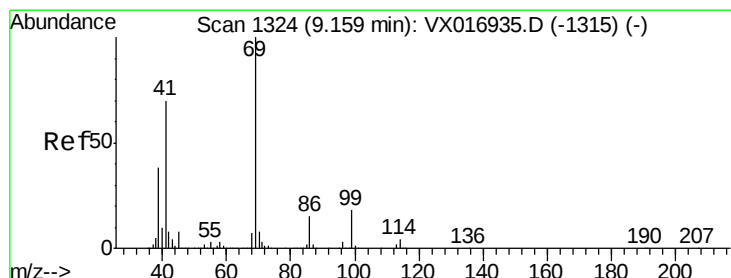
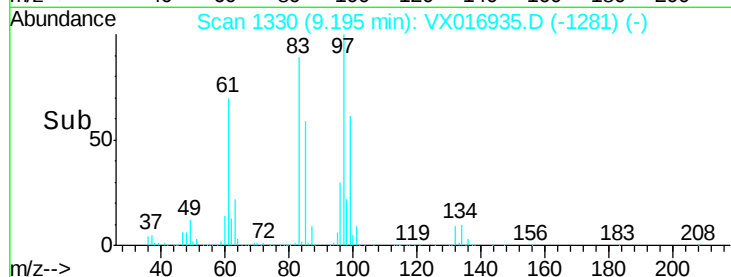
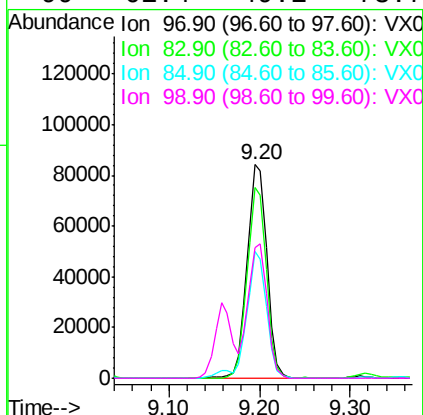
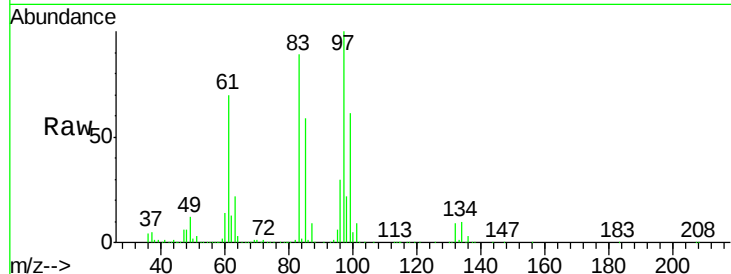
#55
 1,1,2-Trichloroethane
 Concen: 49.122 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	127565
Ion	Ratio	Lower	Upper
97	100		
83	89.1	71.3	106.9
85	59.3	47.4	71.2
99	61.4	49.1	73.7

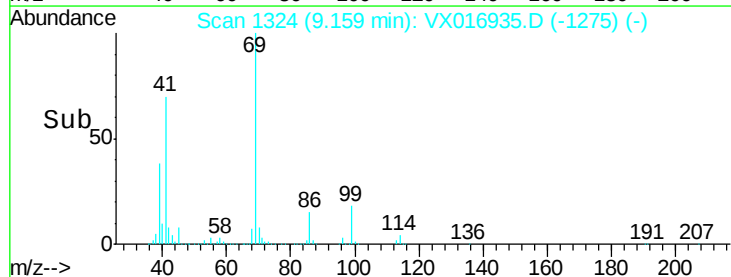
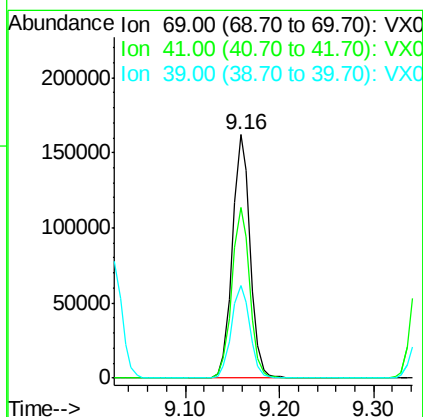
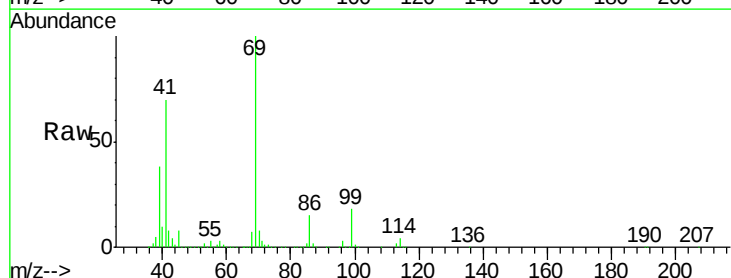
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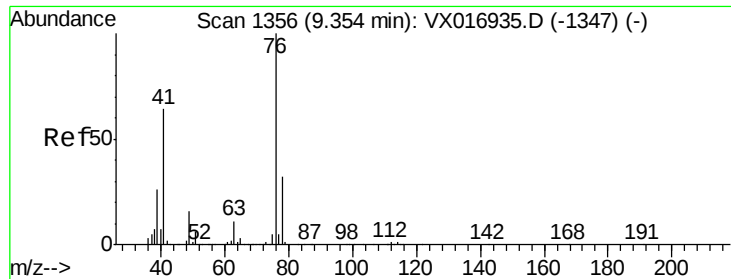
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 6/24/2020 10:54:35 AM



#56
 Ethyl methacrylate
 Concen: 52.459 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Tgt Ion:	69	Resp:	211014
Ion	Ratio	Lower	Upper
69	100		
41	70.7	56.6	84.8
39	39.8	31.8	47.8





#57

1,3-Dichloropropane

Concen: 48.870 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 212704

Ion Ratio Lower Upper

76 100

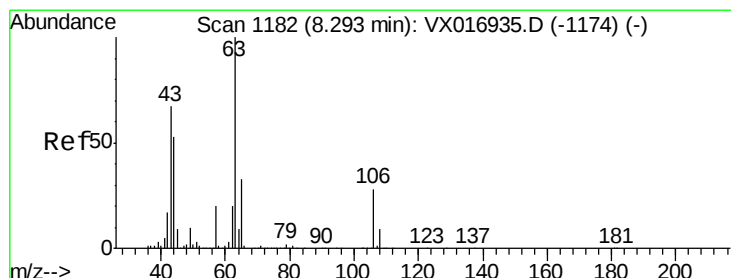
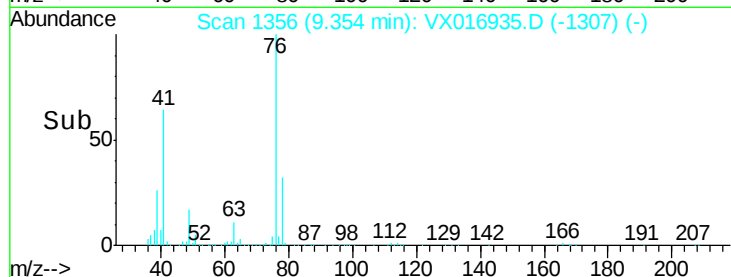
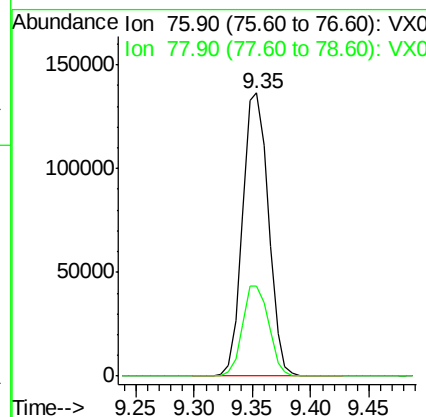
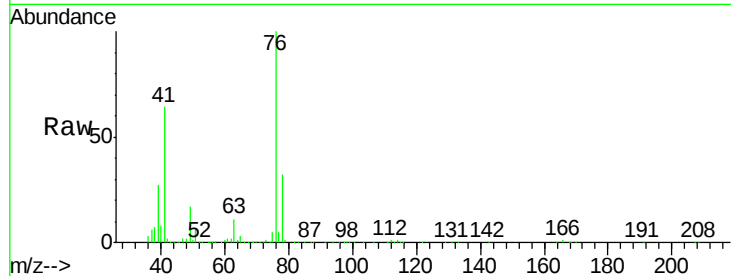
78 32.5 26.0 39.0

Manual Integrations

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6/24/2020 10:54:35 AM



#58

2-Chloroethyl Vinyl ether

Concen: 266.383 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016935.D

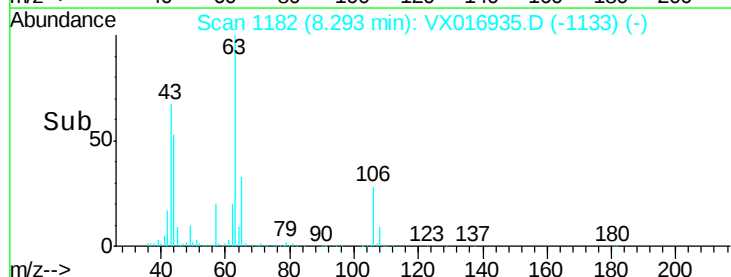
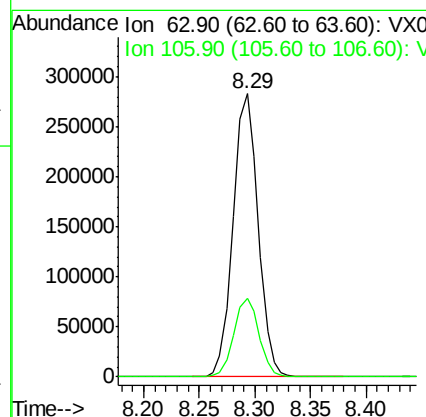
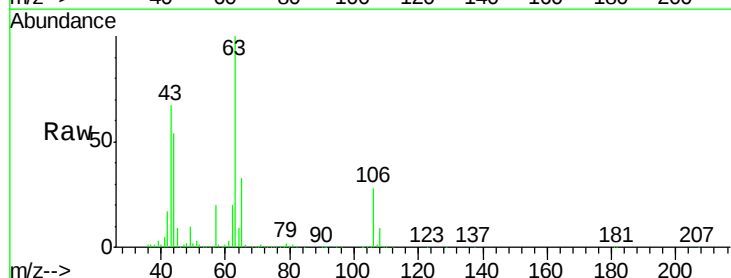
Acq: 23 Jun 2020 17:16

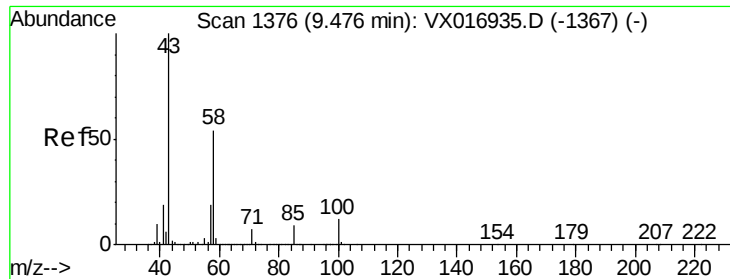
Tgt Ion: 63 Resp: 438908

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6





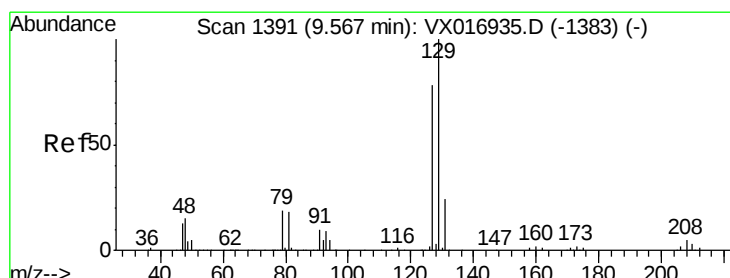
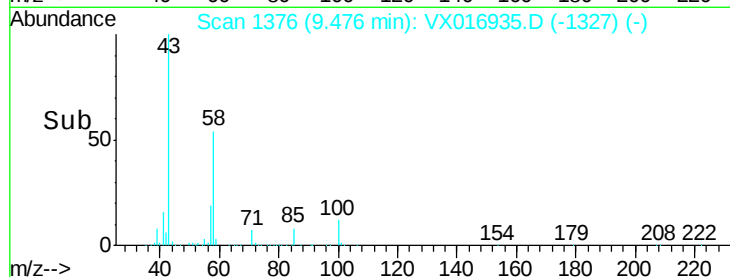
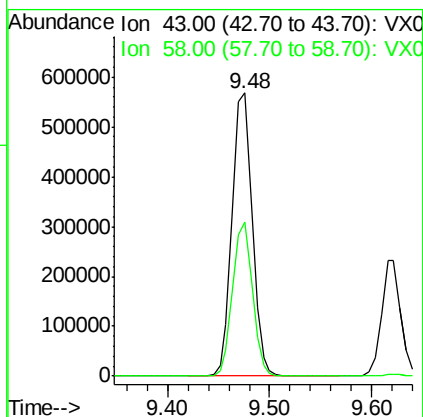
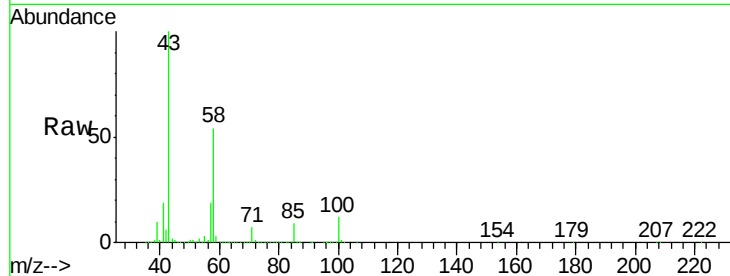
#59
2-Hexanone
Concen: 278.600 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 775032
Ion Ratio Lower Upper
43 100
58 53.6 26.8 80.4

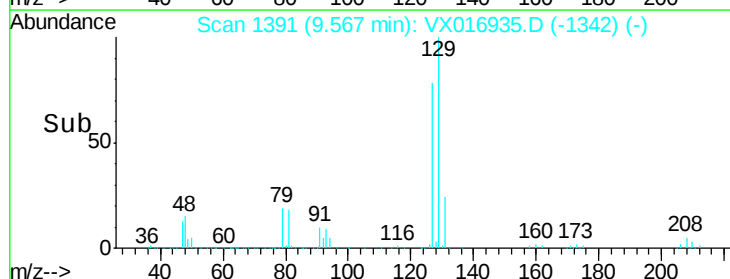
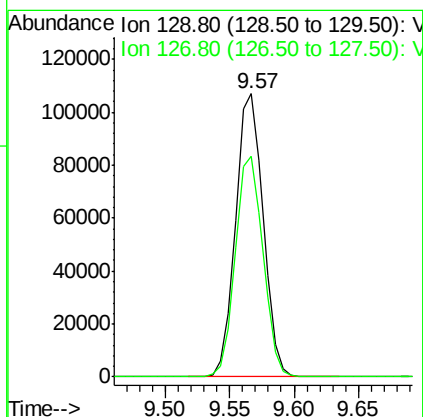
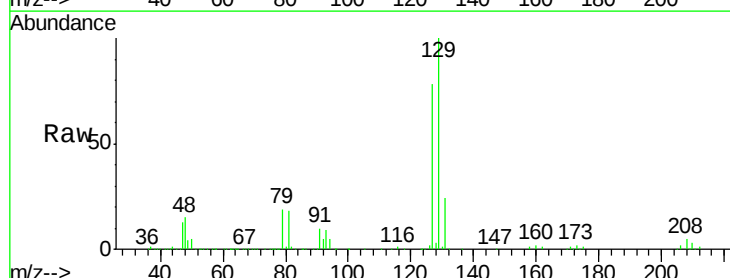
Manual Integrations
APPROVED

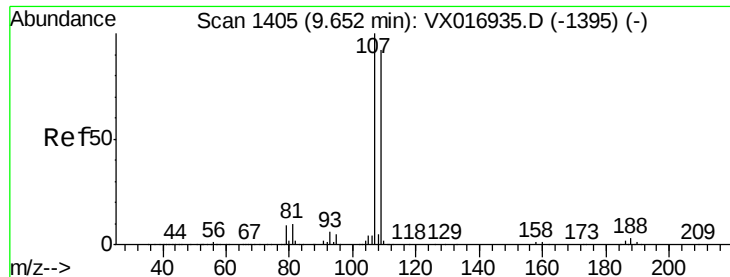
MMDadoda
6/24/2020 10:54:35 AM



#60
Dibromochloromethane
Concen: 56.070 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 129 Resp: 159283
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 55.235 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 147680

Ion Ratio Lower Upper

107 100

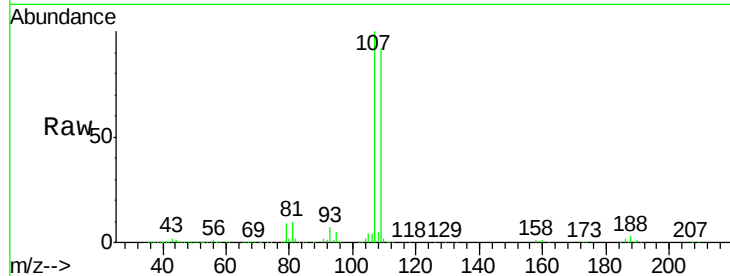
109 92.3 73.8 110.8

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

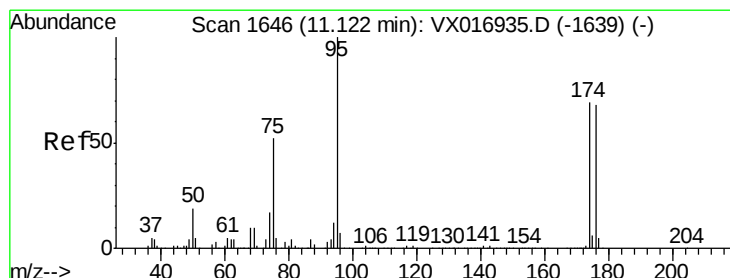
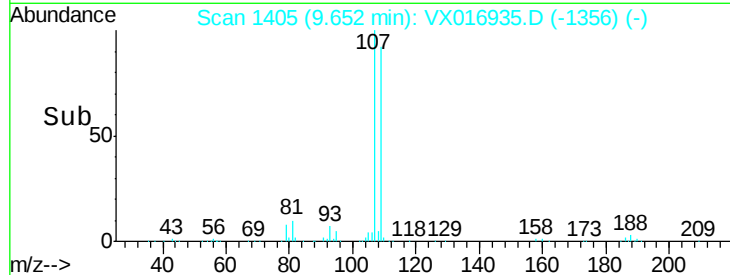
40000

20000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 50.737 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

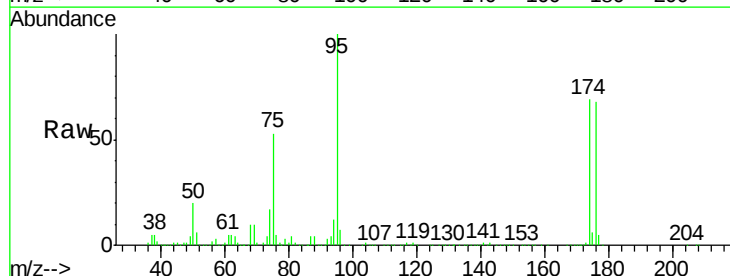
Tgt Ion: 95 Resp: 168488

Ion Ratio Lower Upper

95 100

174 69.0 0.0 138.0

176 67.7 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

150000

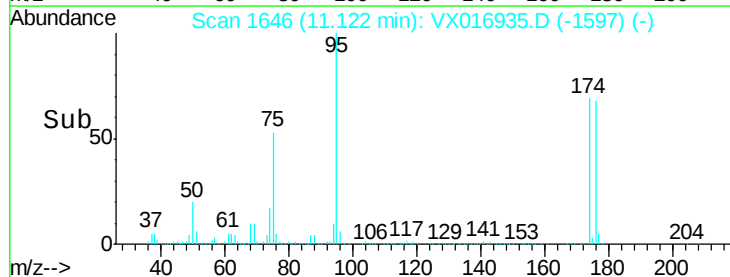
100000

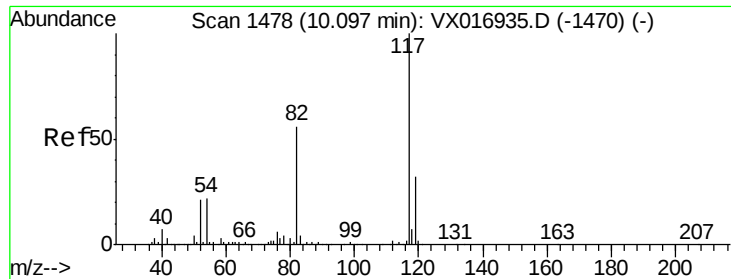
50000

0

11.10 11.12 11.20

Time-->





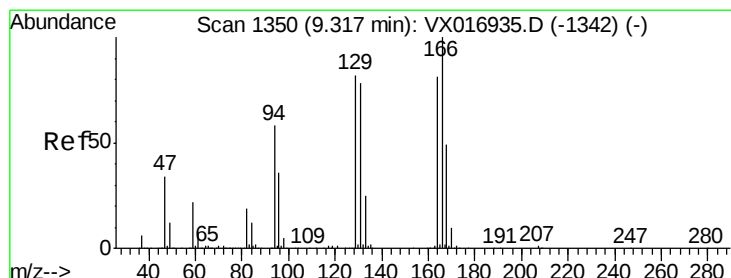
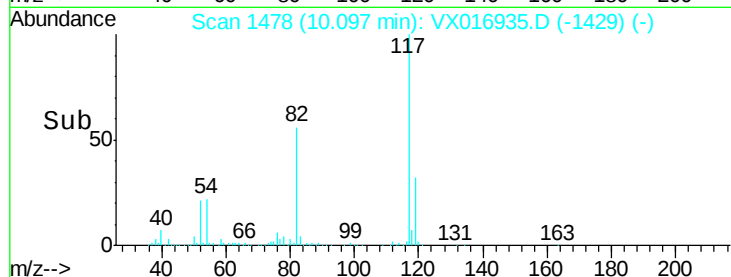
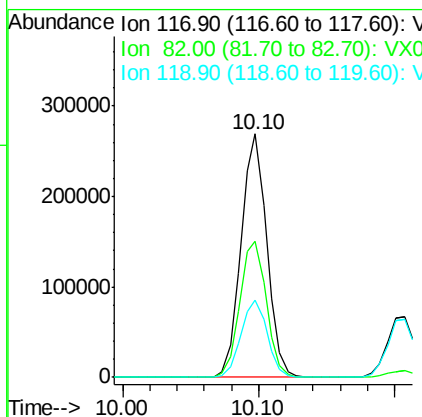
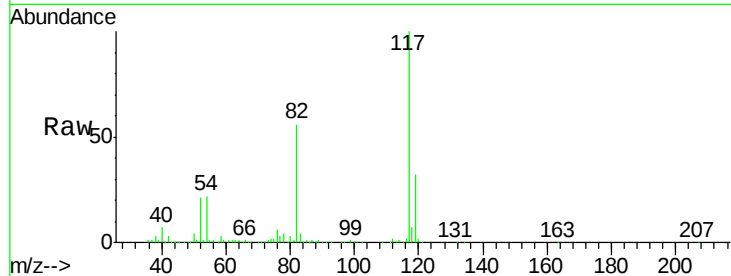
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	355713		
82	55.9	44.7	67.1	
119	31.7	25.4	38.0	

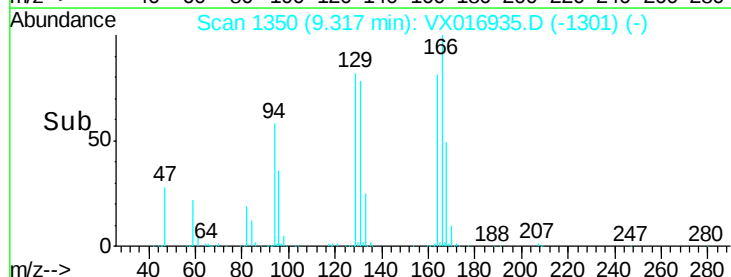
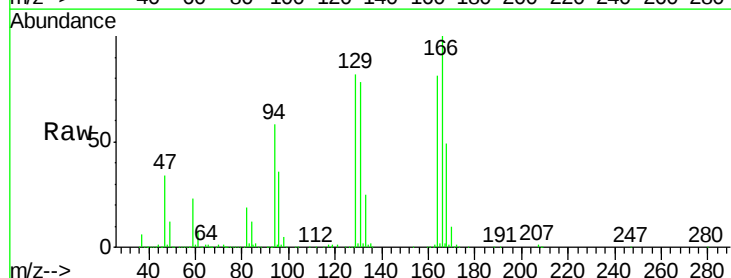
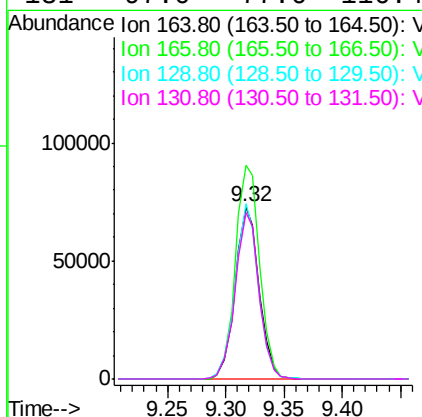
Manual Integrations
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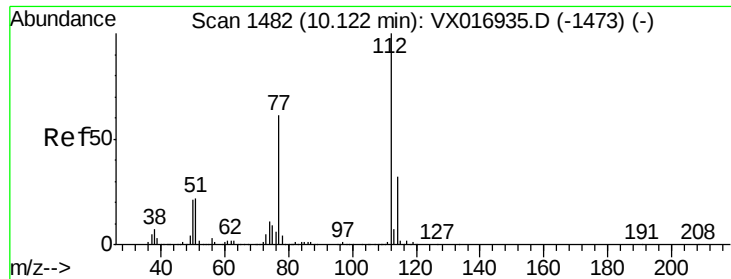
MMDadoda
6/24/2020 10:54:35 AM



#64
Tetrachloroethene
Concen: 43.107 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	104088		
166	124.1	99.3	148.9	
129	101.7	81.4	122.0	
131	97.0	77.6	116.4	





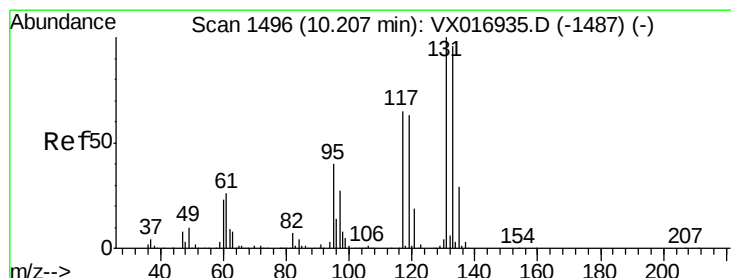
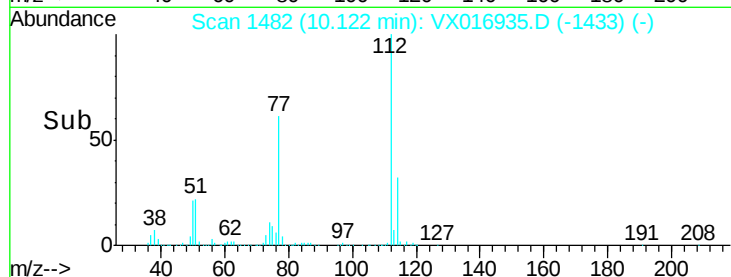
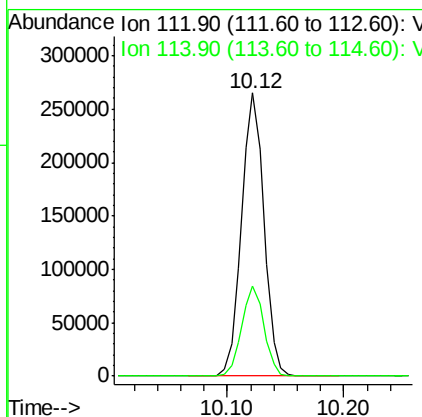
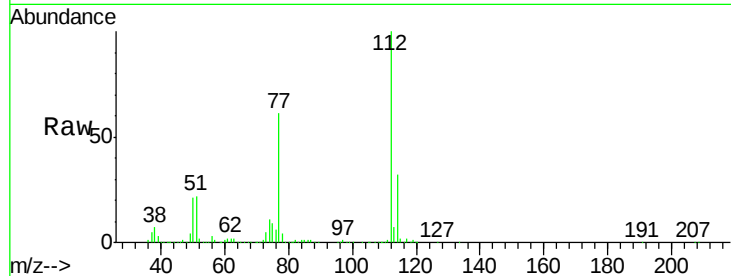
#65
Chlorobenzene
Concen: 49.269 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 357974
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

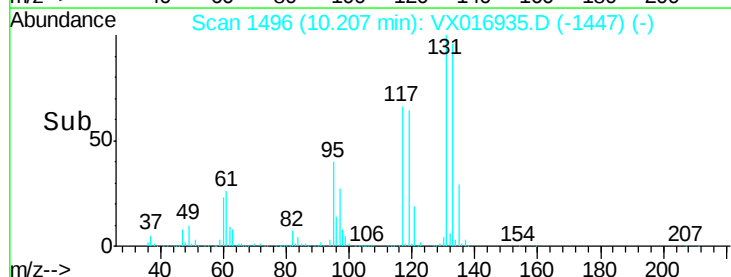
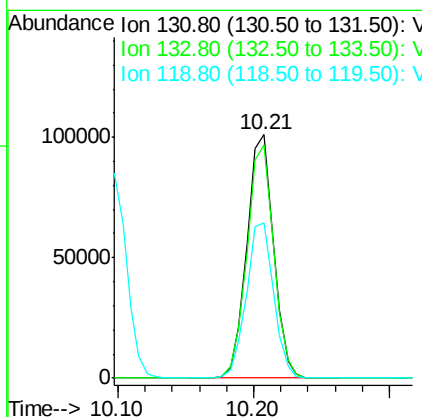
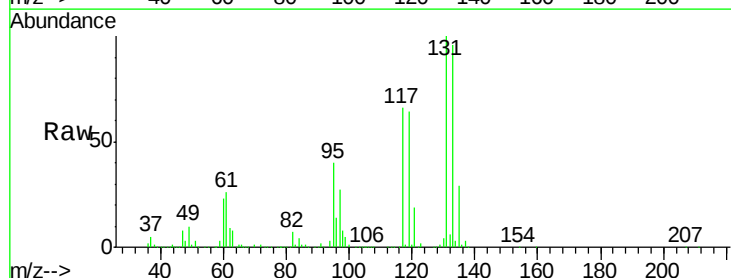
Manual Integrations
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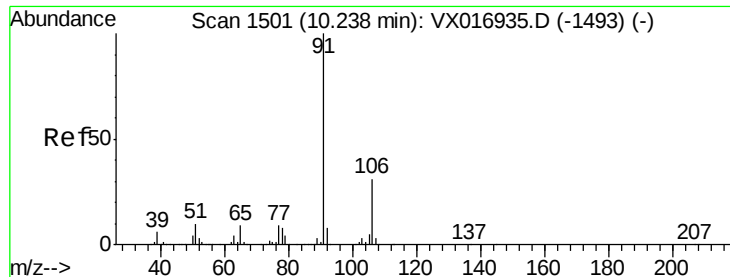
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.497 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion:131 Resp: 139299
Ion Ratio Lower Upper
131 100
133 96.6 48.3 144.9
119 65.4 32.7 98.1





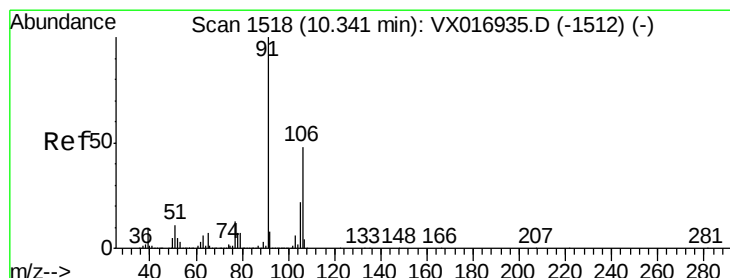
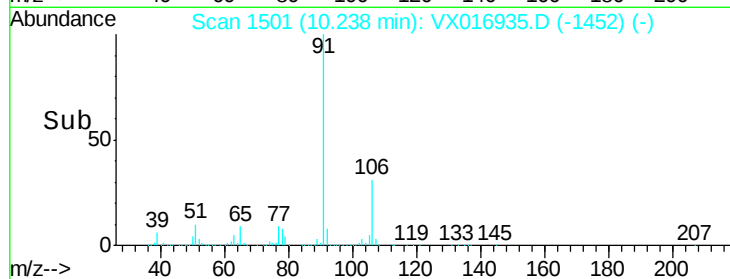
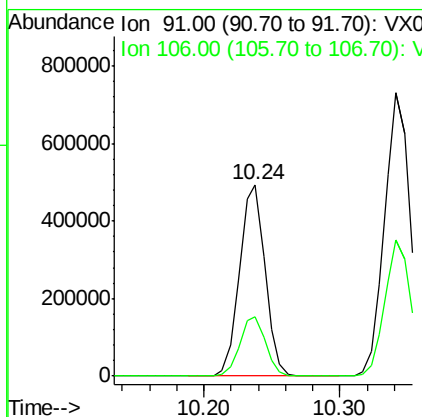
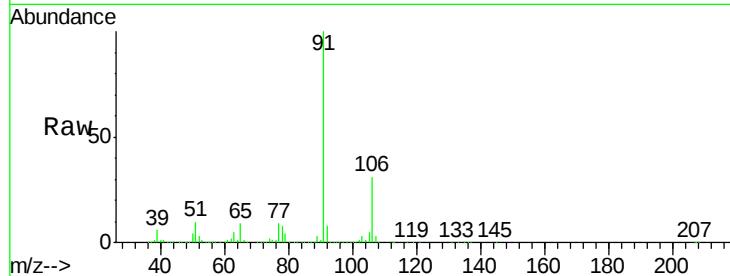
#67
Ethyl Benzene
Concen: 49.555 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 643902
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

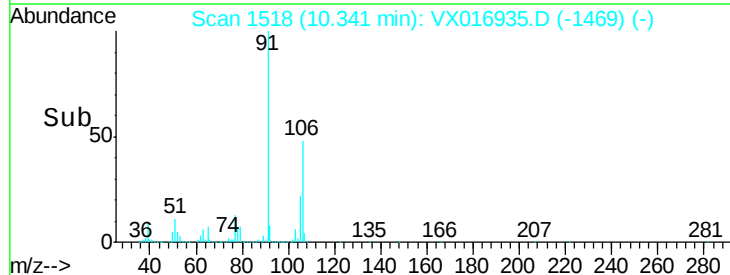
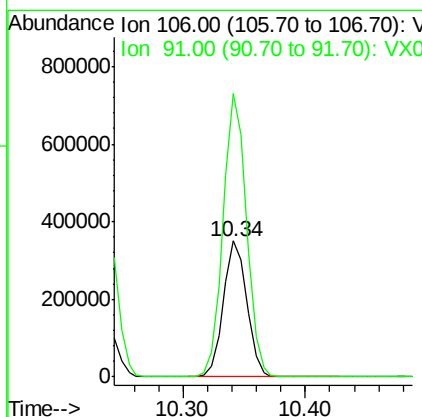
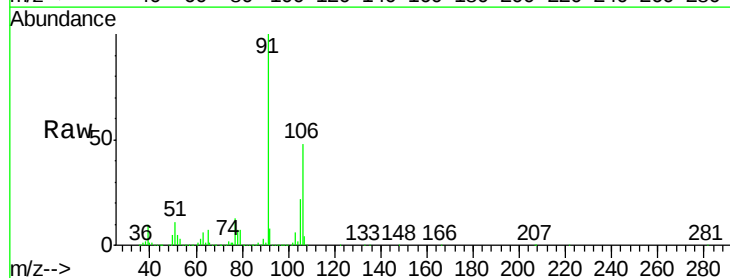
Manual Integrations
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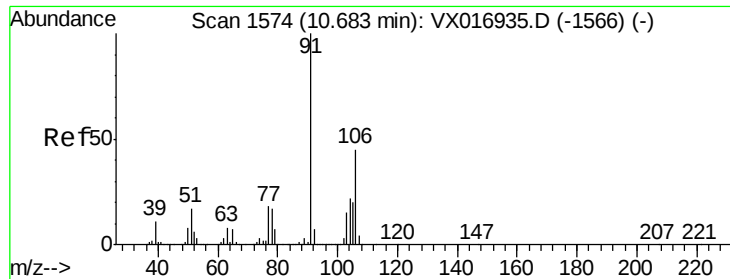
MMDadoda
6/24/2020 10:54:35 AM



#68
m/p-Xylenes
Concen: 97.518 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion: 106 Resp: 465354
Ion Ratio Lower Upper
106 100
91 207.7 166.2 249.2





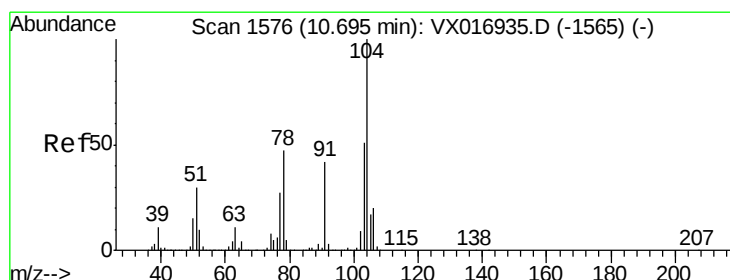
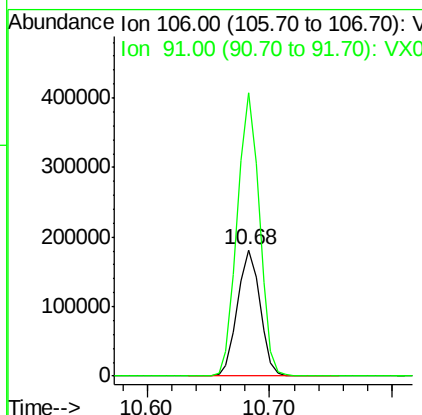
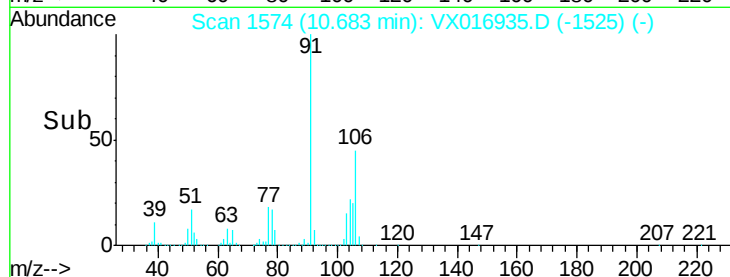
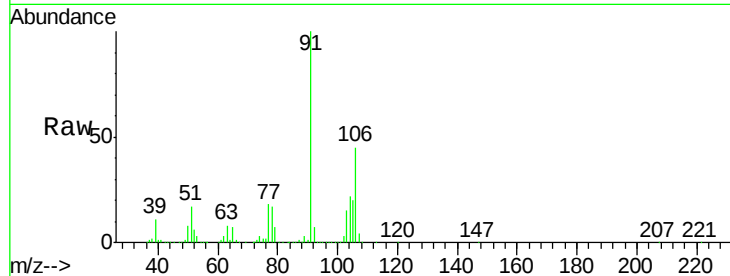
#69
o-Xylene
Concen: 50.839 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.6	109.8	329.4

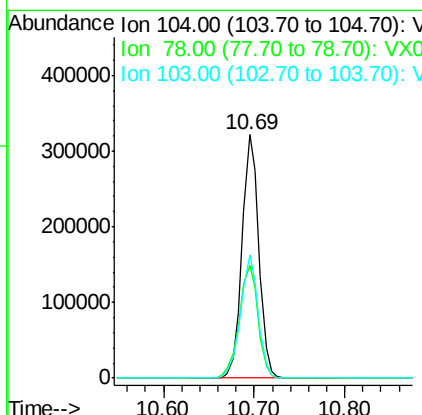
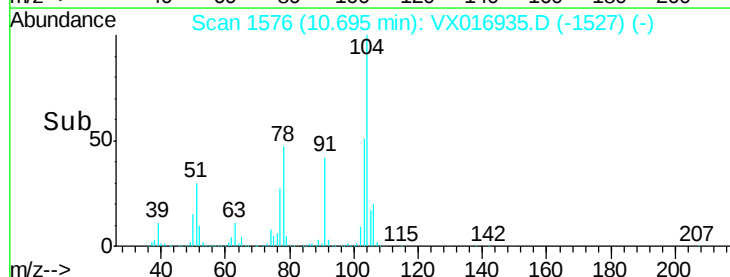
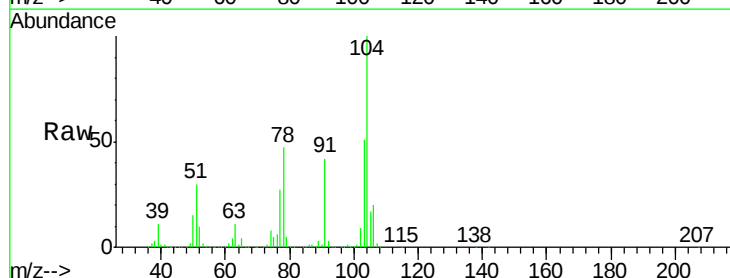
Manual Integrations
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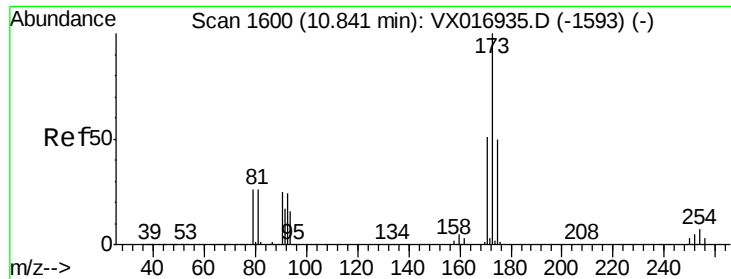
MMDadoda
6/24/2020 10:54:35 AM



#70
Styrene
Concen: 53.065 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.0	41.6	62.4
103	53.4	42.7	64.1





#71

Bromoform

Concen: 49.494 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 103578

Ion Ratio Lower Upper

173 100

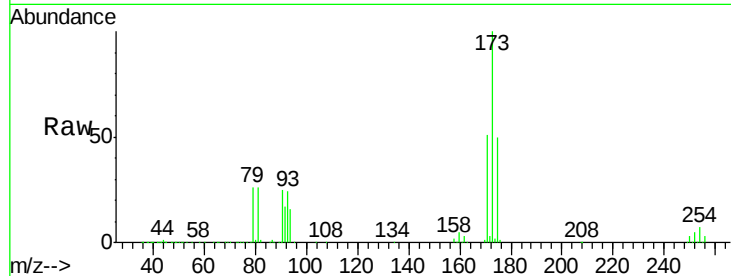
175 48.6 24.3 72.9

254 0.1 0.1 0.1

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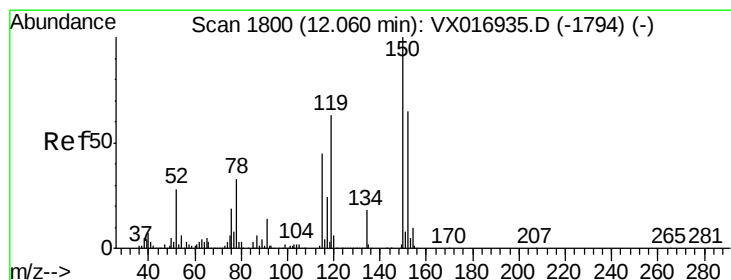
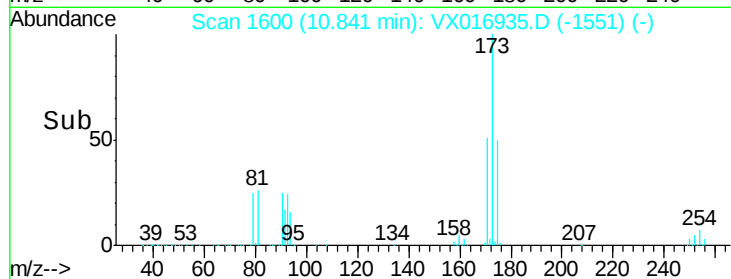
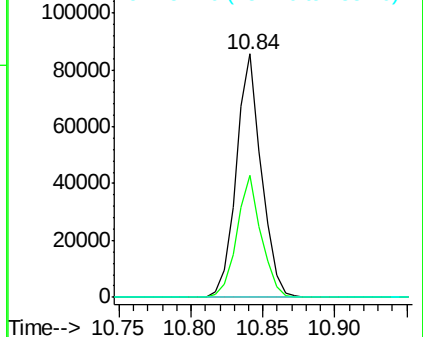
6/24/2020 10:54:35 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

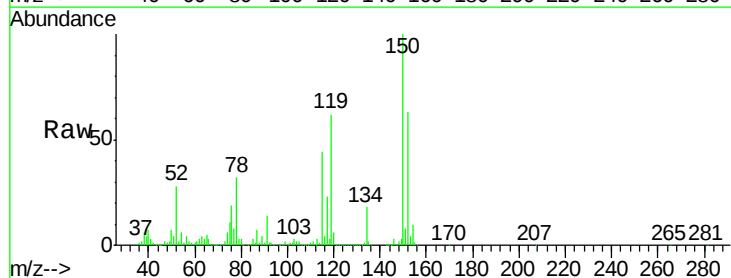
Tgt Ion:152 Resp: 134923

Ion Ratio Lower Upper

152 100

115 86.3 43.1 129.4

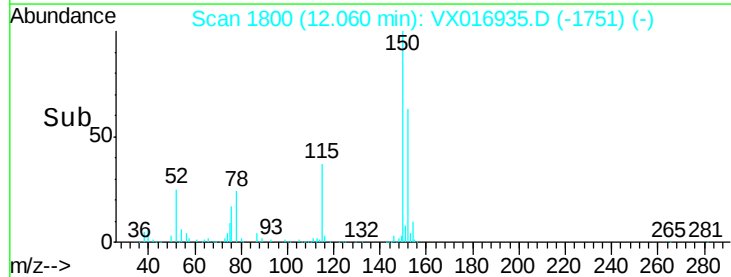
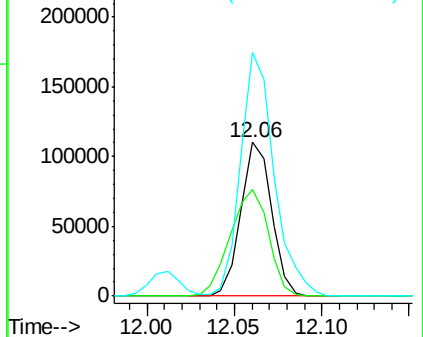
150 173.0 0.0 346.0

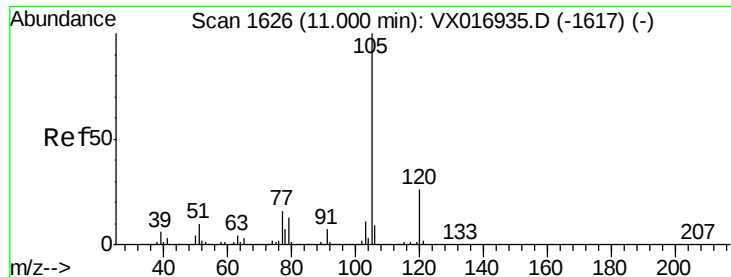


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 61.496 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 615670

Ion Ratio Lower Upper

105 100

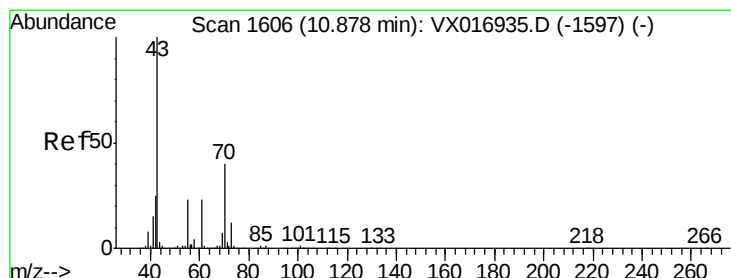
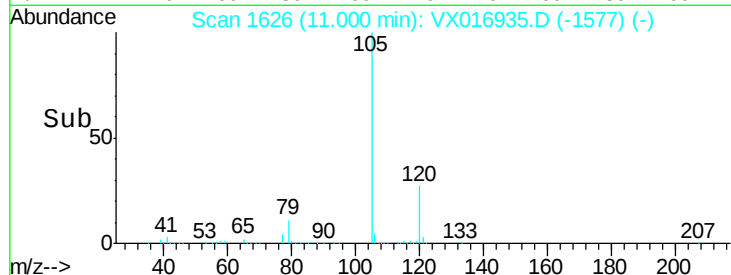
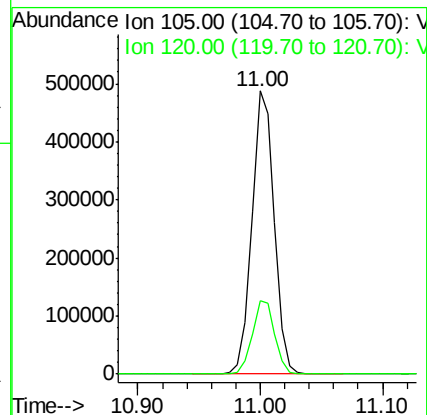
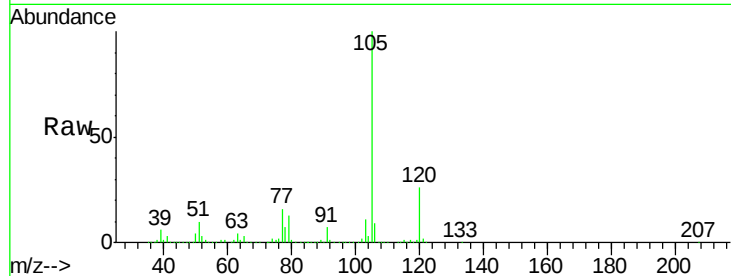
120 26.2 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 60.053 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Tgt Ion: 43 Resp: 300895

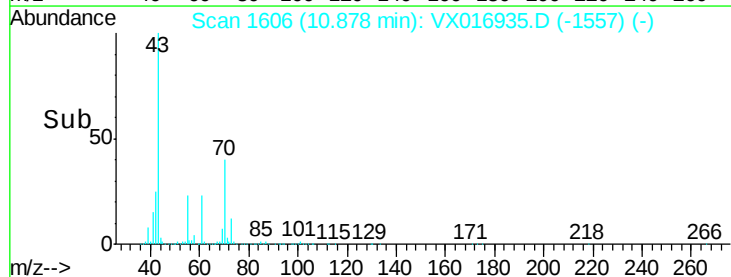
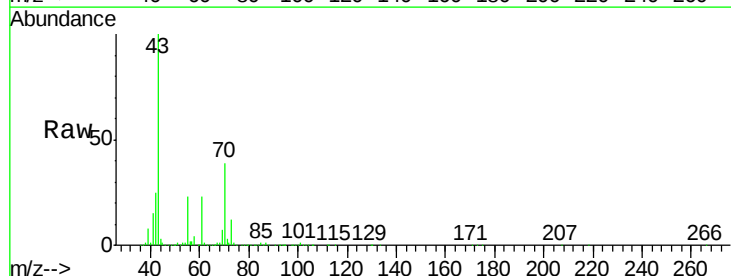
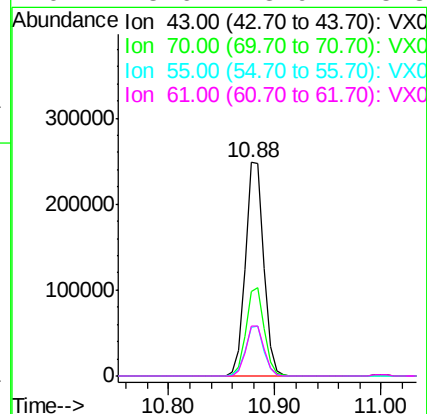
Ion Ratio Lower Upper

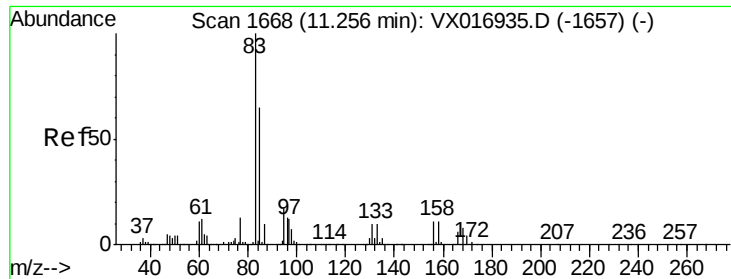
43 100

70 40.8 32.6 49.0

55 23.5 18.8 28.2

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 57.459 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

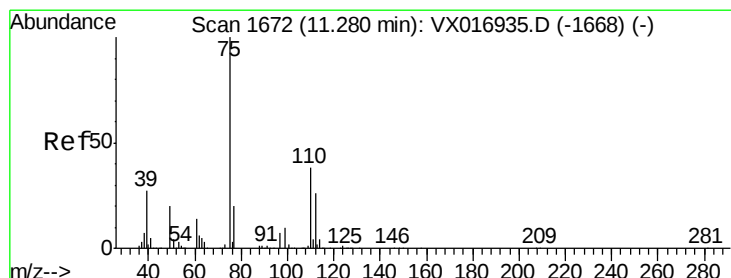
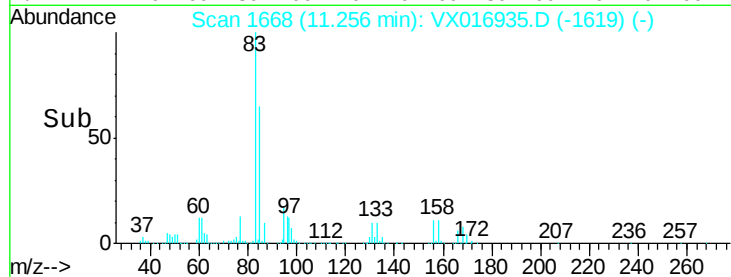
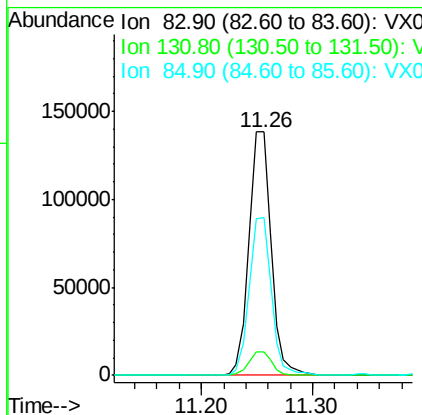
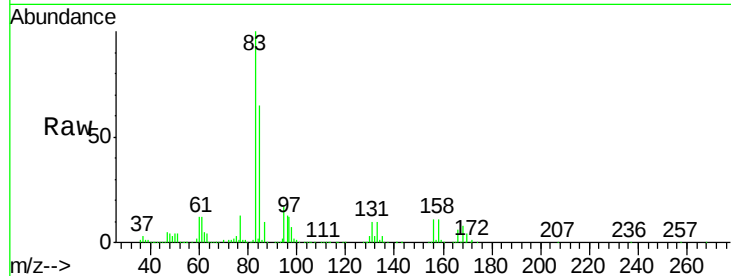
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	192491
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	64.5	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.345 ug/l m

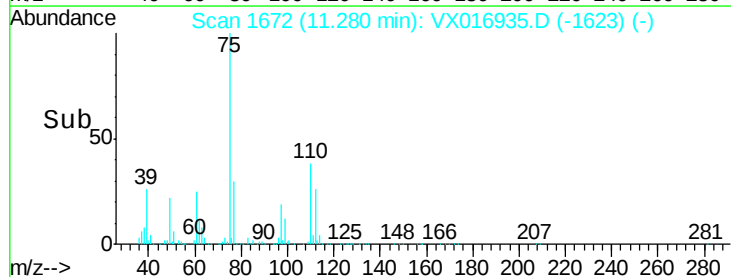
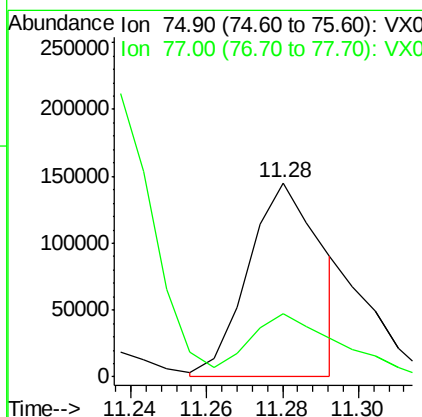
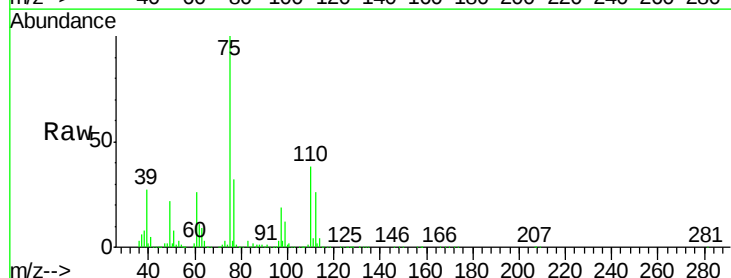
RT: 11.28 min Scan# 1672

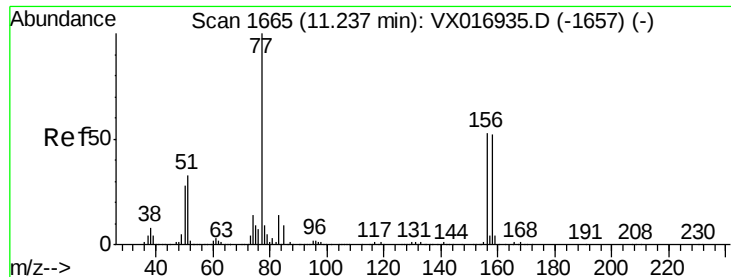
Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Tgt Ion:	75	Resp:	194474
Ion Ratio	Lower	Upper	
75	100		
77	40.2	20.1	60.3





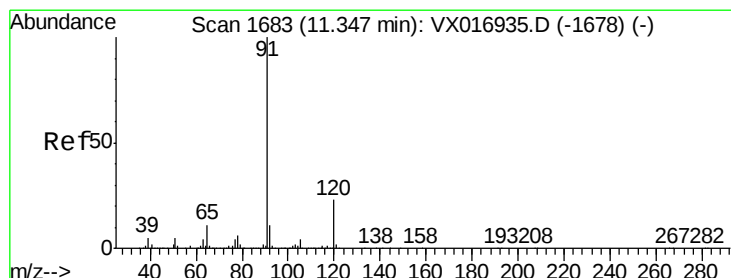
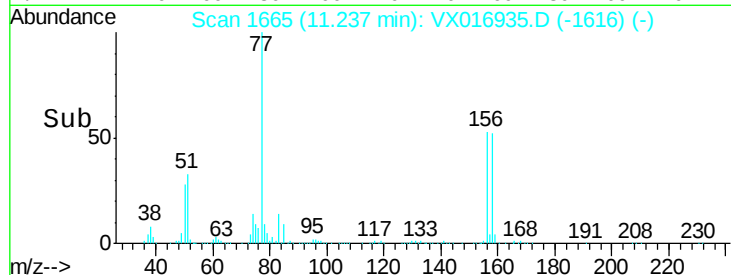
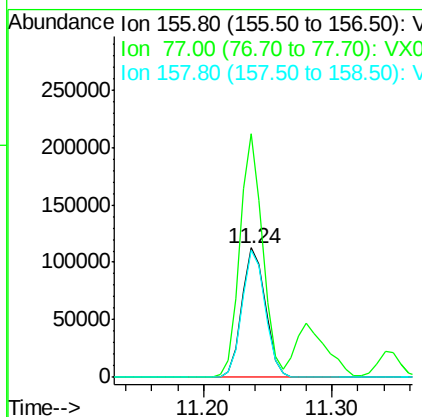
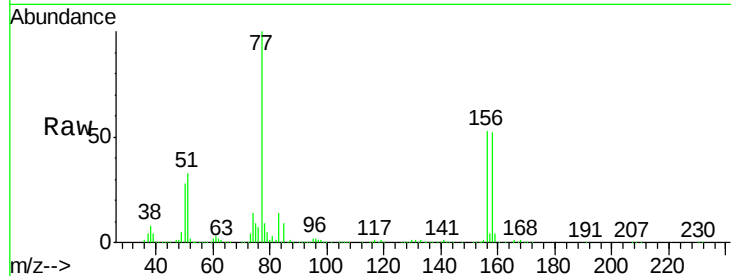
#77
Bromobenzene
Concen: 57.699 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	182.1	91.0	273.1
158	96.9	48.4	145.3

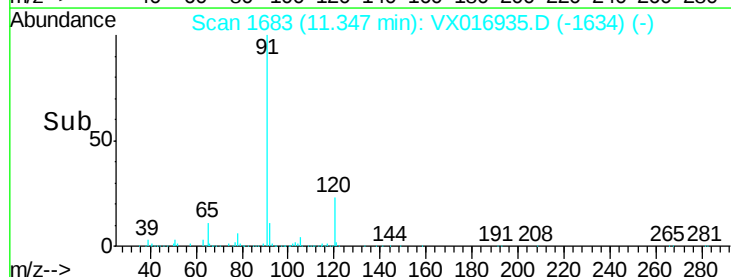
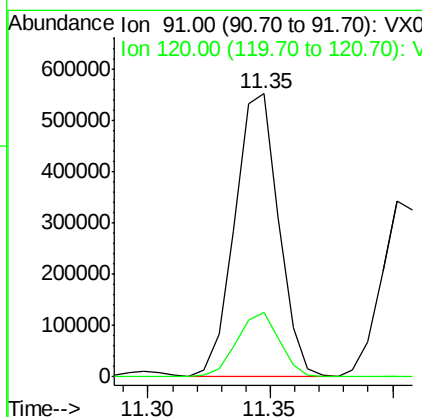
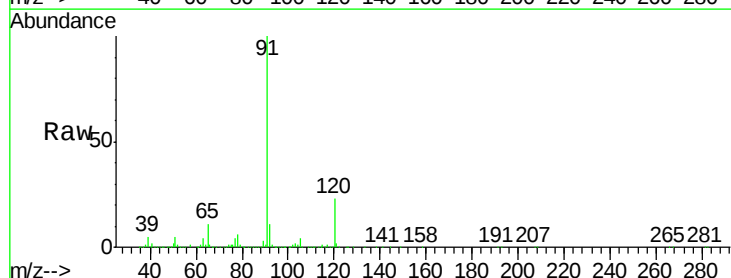
Manual Integrations
APPROVED

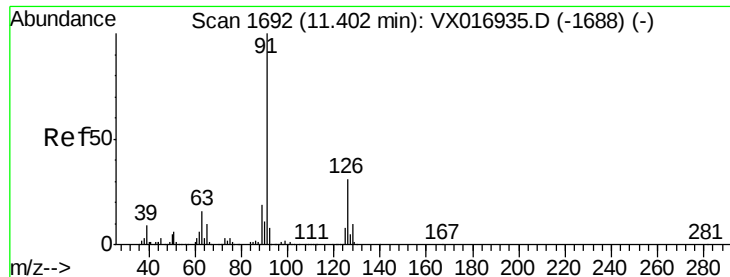
MMDadoda
6/24/2020 10:54:35 AM



#78
n-propylbenzene
Concen: 59.984 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.6





#79

2-Chlorotoluene

Concen: 60.546 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 437555

Ion Ratio Lower Upper

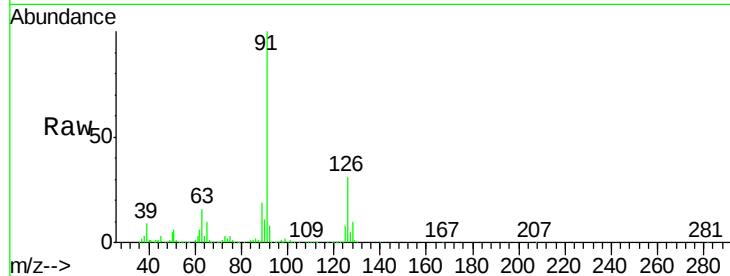
91 100

126 32.4 16.2 48.6

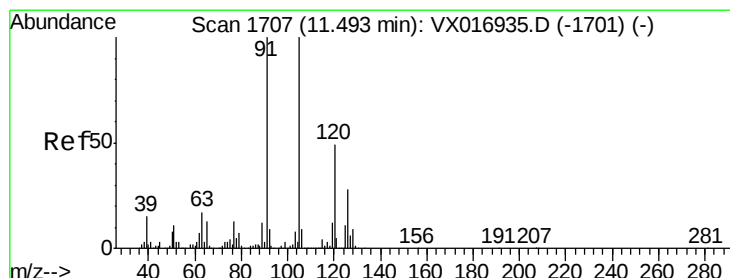
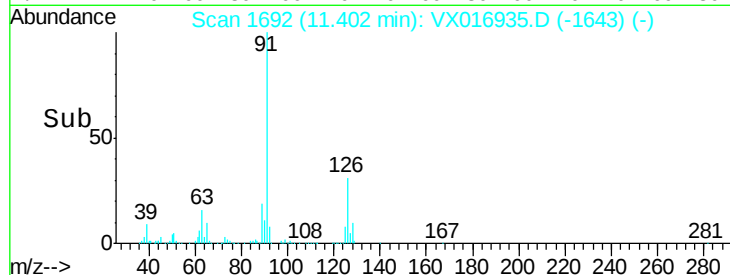
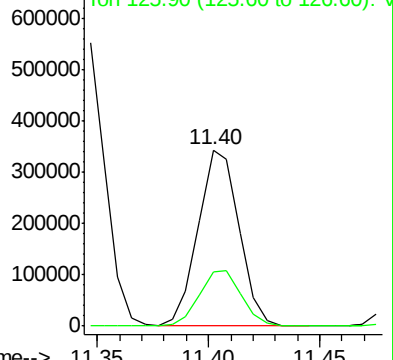
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX016935.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 56.291 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016935.D

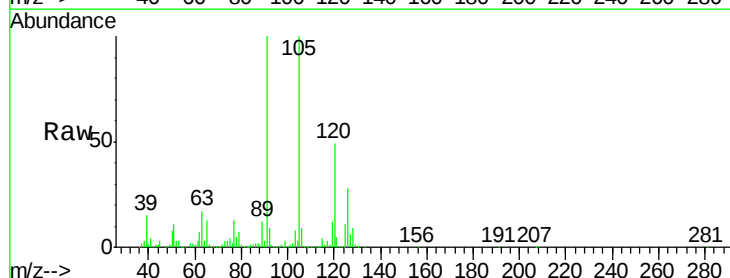
Acq: 23 Jun 2020 17:16

Tgt Ion: 105 Resp: 474633

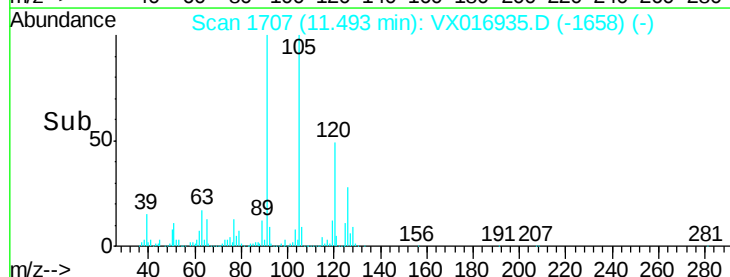
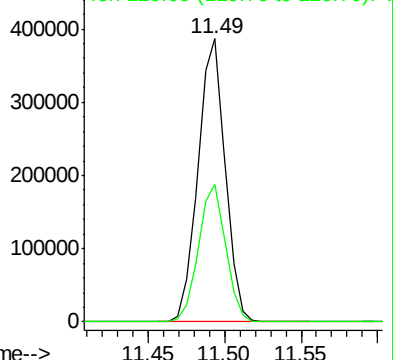
Ion Ratio Lower Upper

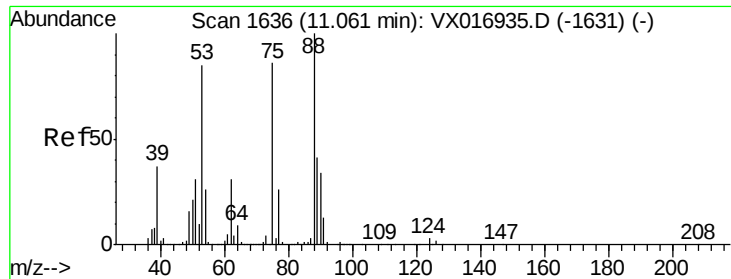
105 100

120 48.4 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VX016935.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 59.829 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

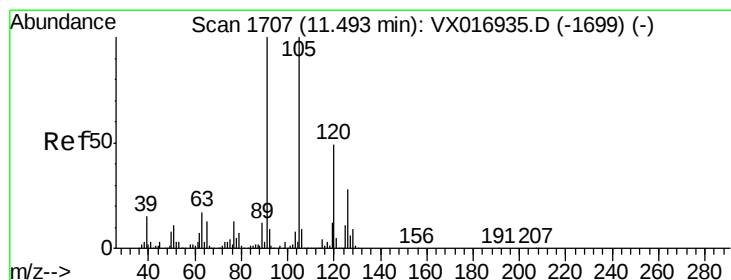
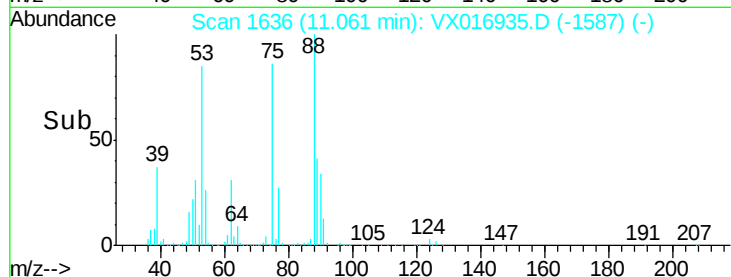
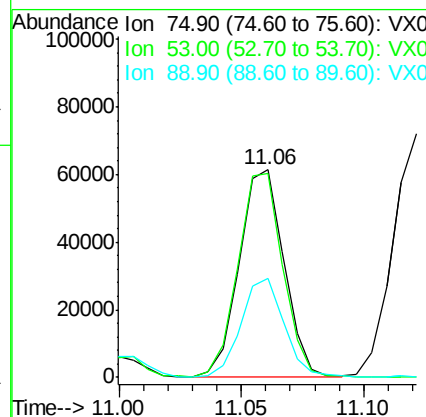
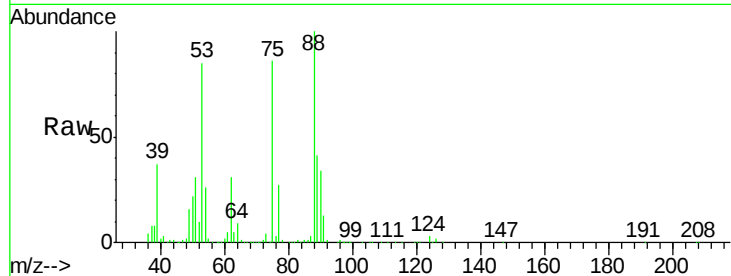
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	77643
Ion	Ratio	Lower	Upper
75	100		
53	98.6	78.9	118.3
89	46.3	37.0	55.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 55.733 ug/l

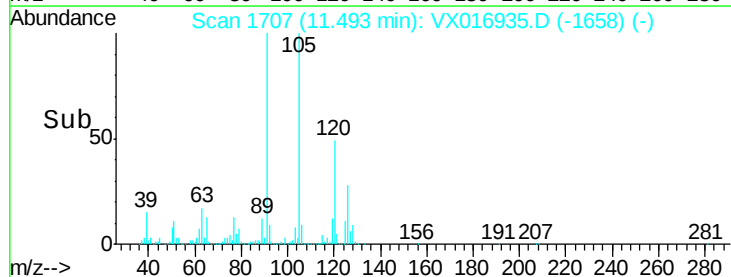
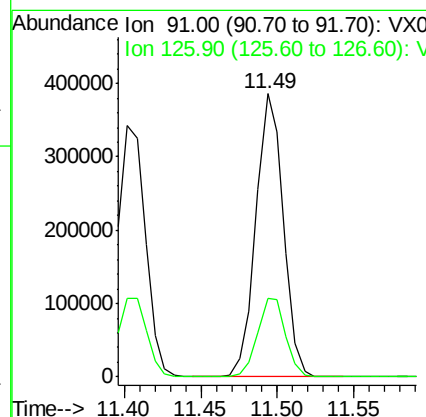
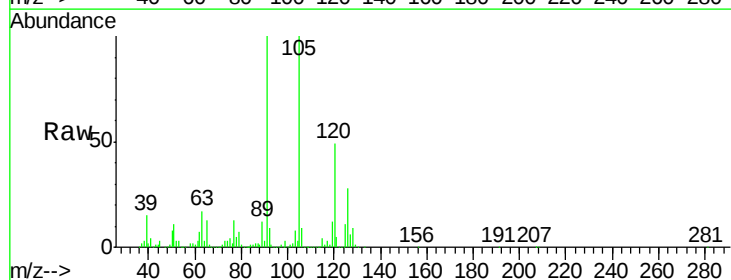
RT: 11.49 min Scan# 1707

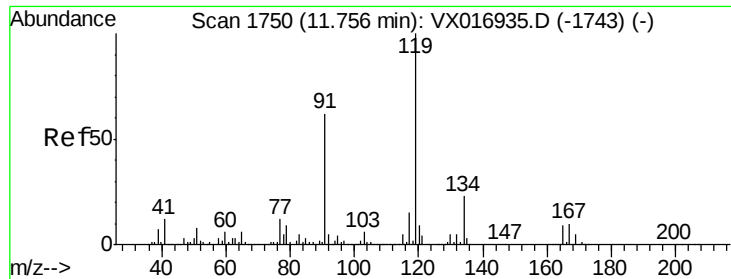
Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Tgt Ion:	91	Resp:	482153
Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.1	42.4





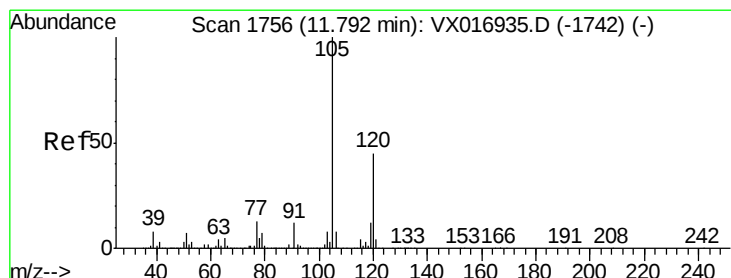
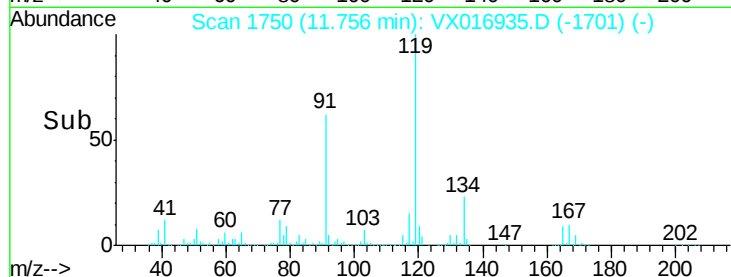
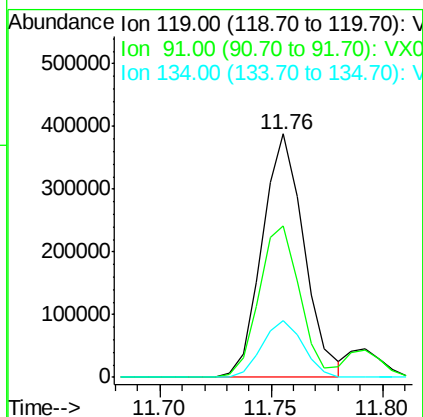
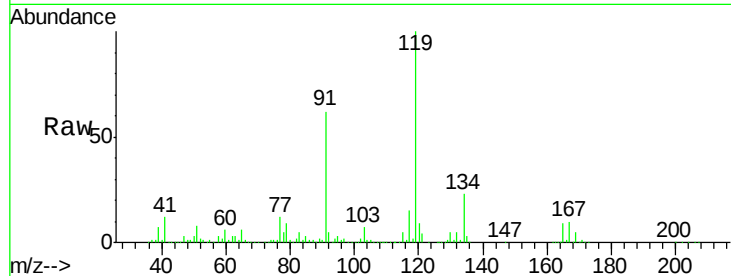
#83
tert-Butylbenzene
Concen: 61.334 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	506333		
91	60.6	30.3	90.9	
134	22.8	11.4	34.2	

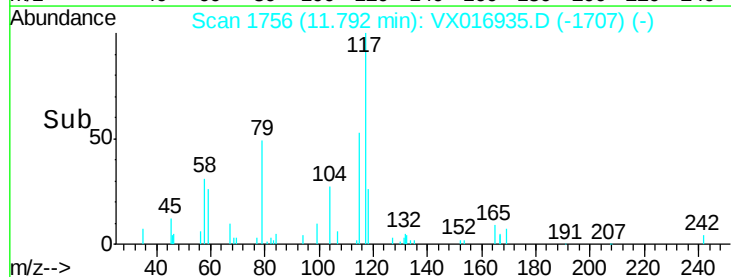
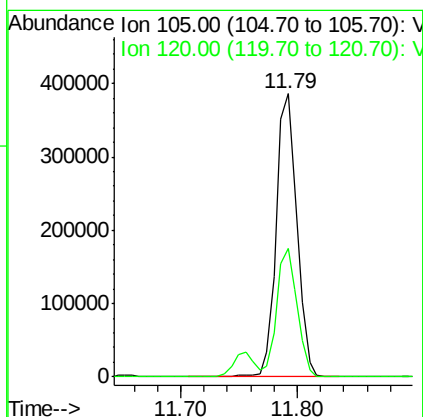
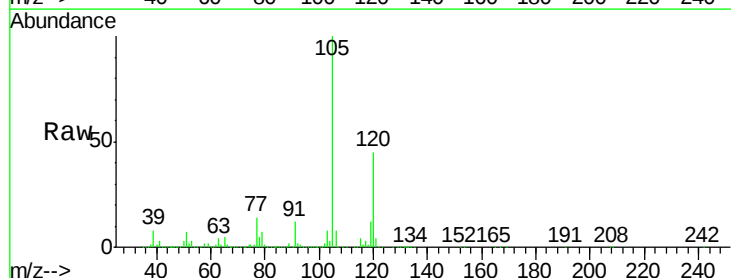
Manual Integrations
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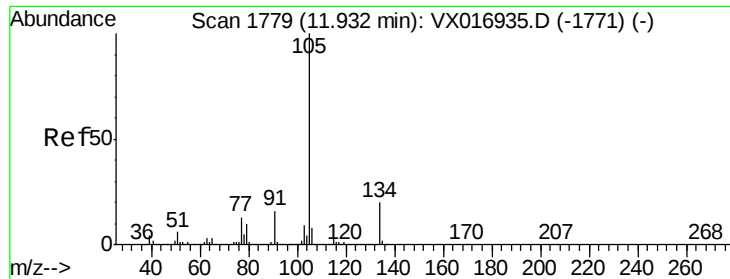
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 57.083 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	478185		
120	44.7	22.4	67.0	





#85

sec-Butylbenzene

Concen: 53.391 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 497212

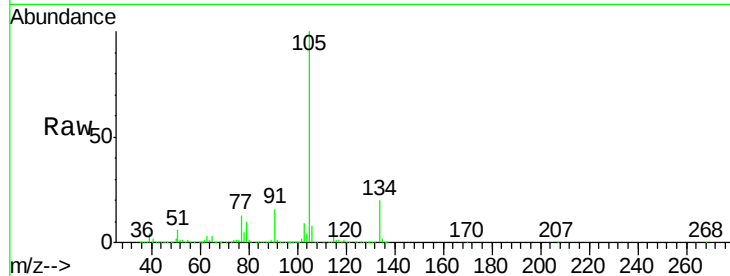
Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3

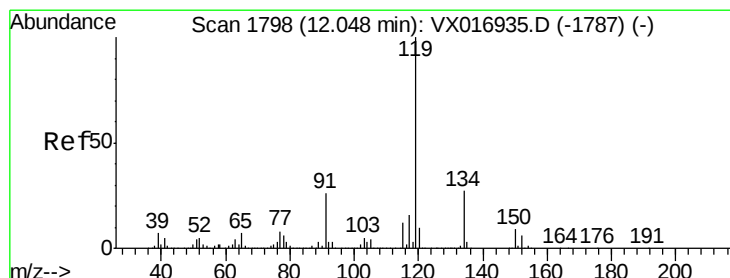
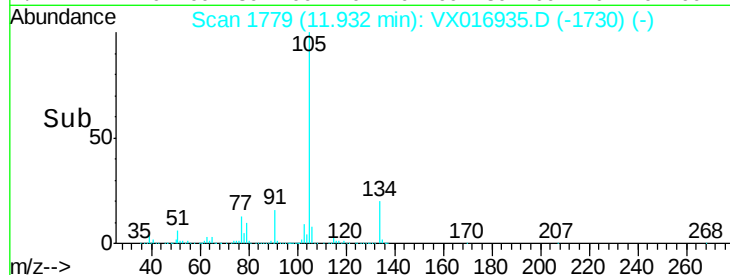
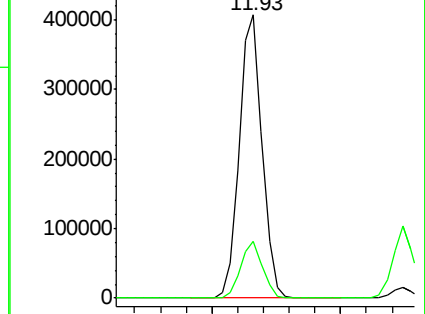
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.521 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

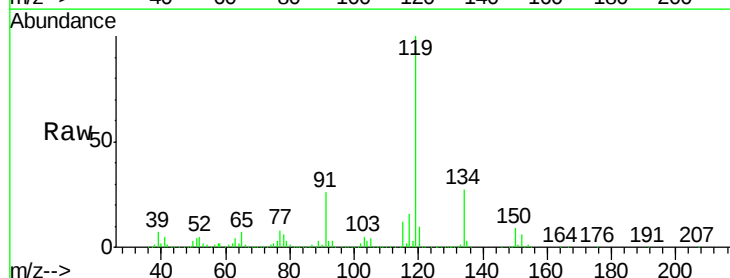
Tgt Ion:119 Resp: 444074

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

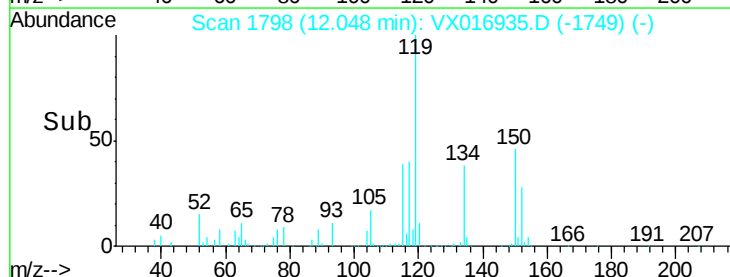
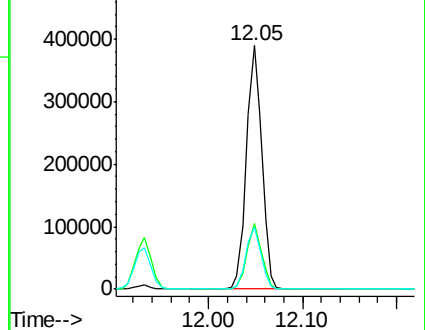
91 25.2 12.6 37.8

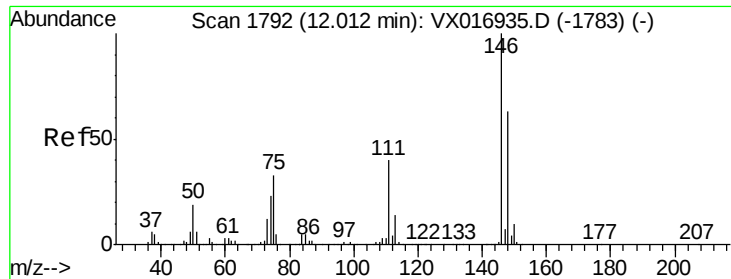


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





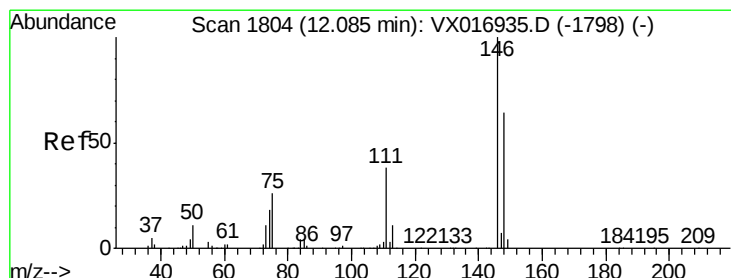
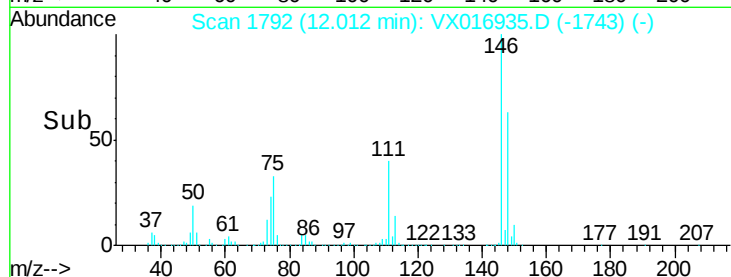
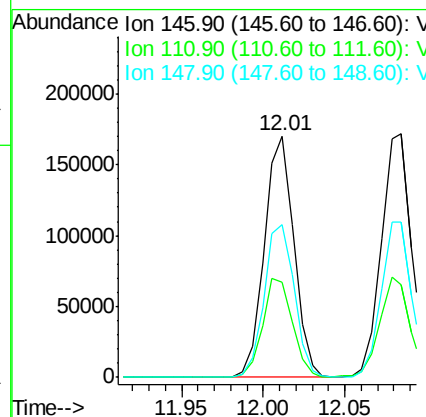
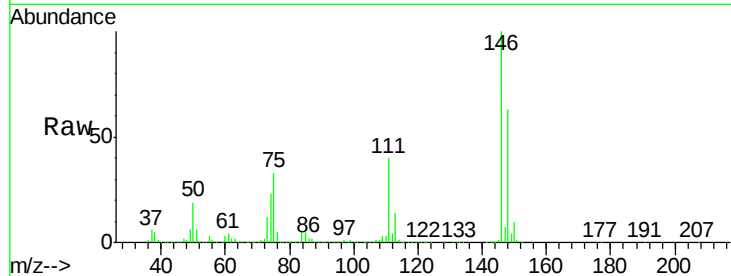
#87
 1,3-Dichlorobenzene
 Concen: 48.323 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.5
148	64.6	32.3	96.9

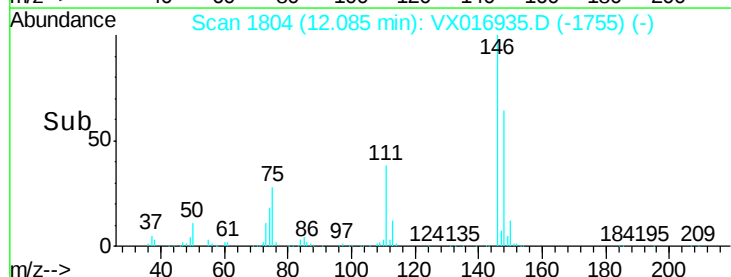
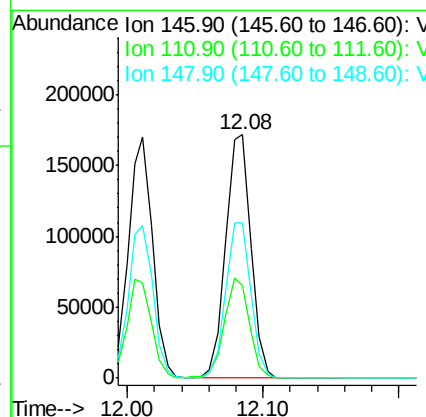
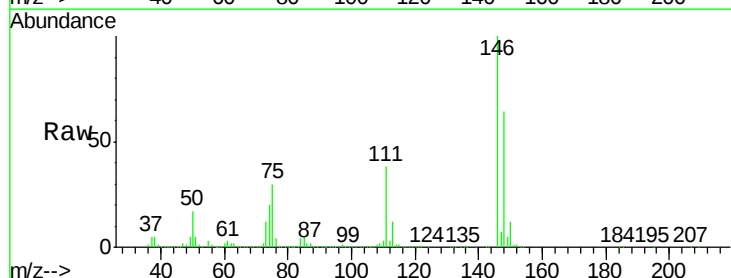
Manual Integrations
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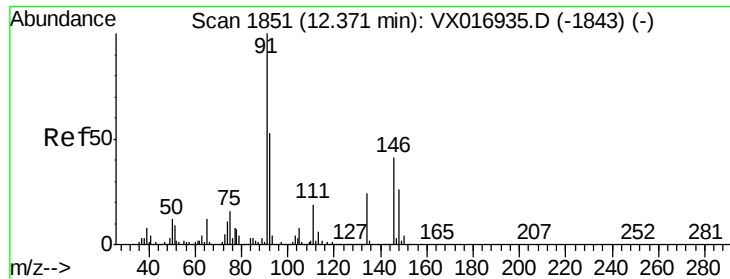
MMDadoda
 6/24/2020 10:54:35 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.727 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	63.5	31.8	95.3





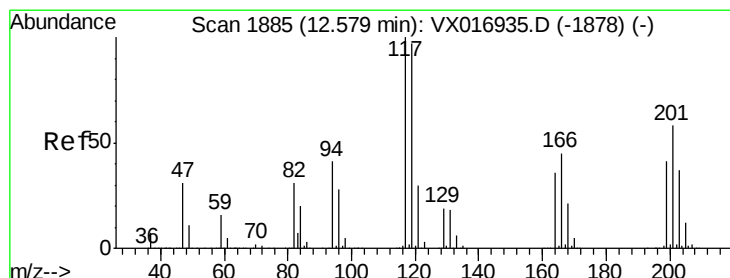
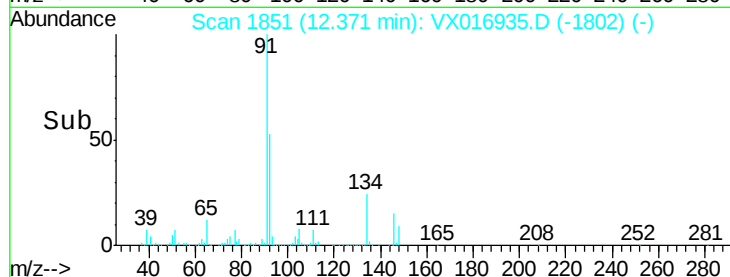
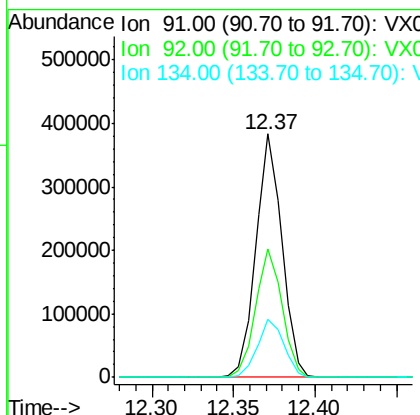
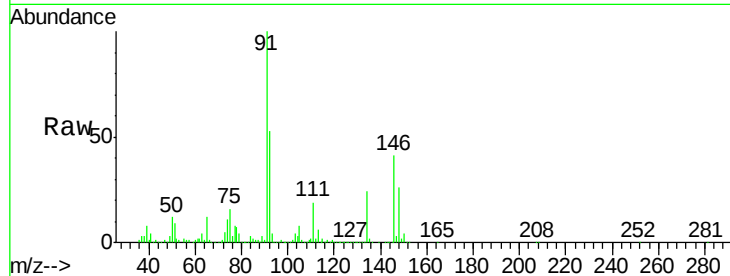
#89
n-Butylbenzene
Concen: 52.343 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.8	80.3
134	24.5	12.3	36.8

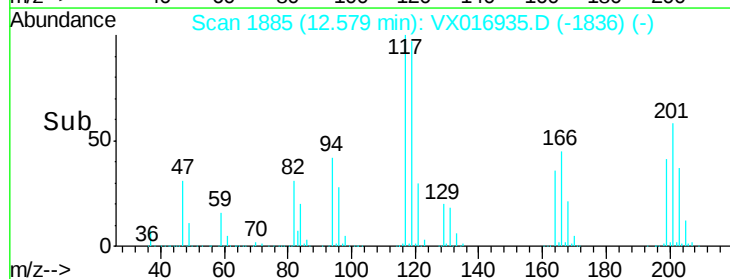
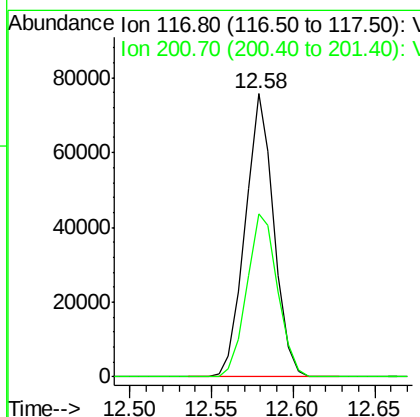
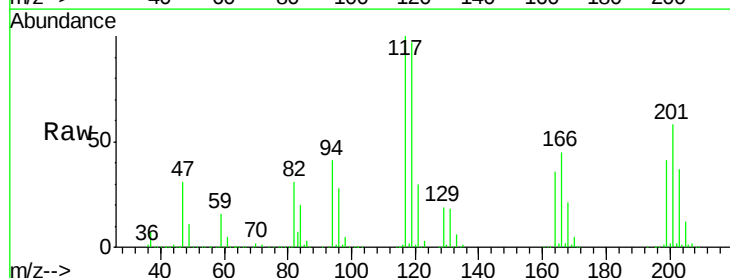
Manual Integrations
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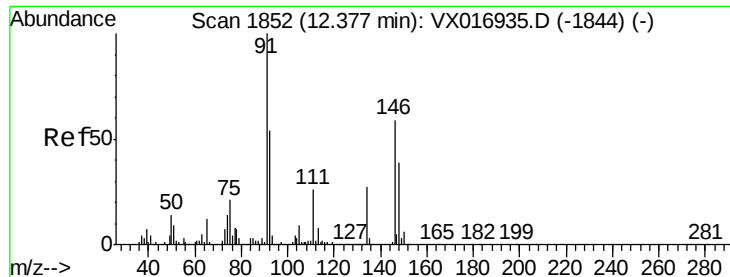
MMDadoda
6/24/2020 10:54:35 AM



#90
Hexachloroethane
Concen: 54.589 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.3	31.1	93.5





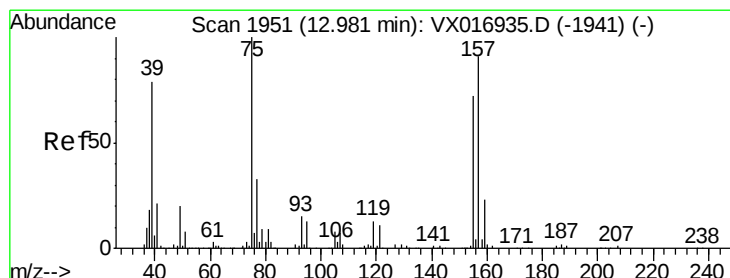
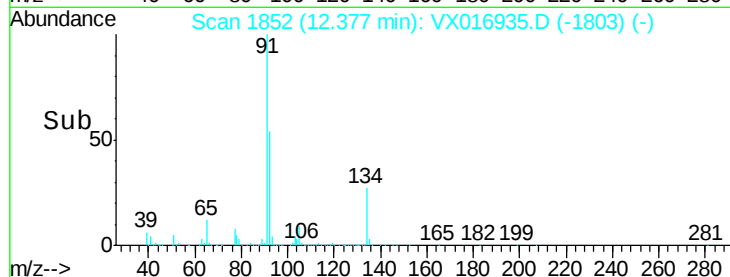
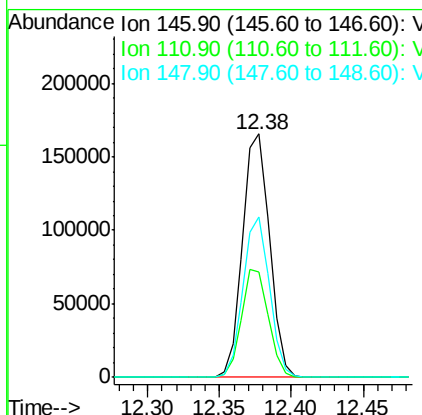
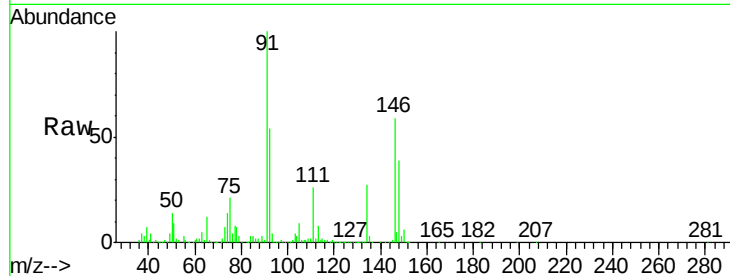
#91
1,2-Dichlorobenzene
Concen: 50.654 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	215782		
111	44.0	22.0	66.0	
148	64.3	32.1	96.5	

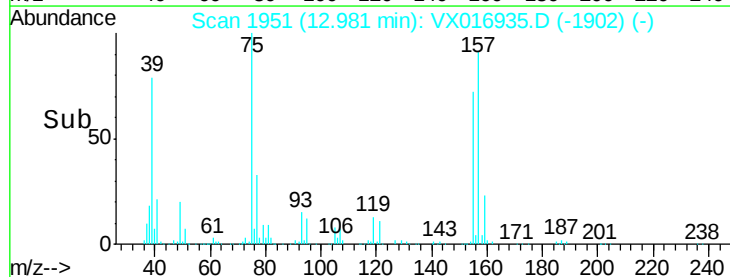
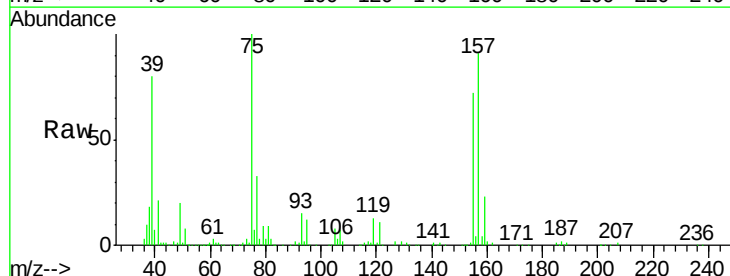
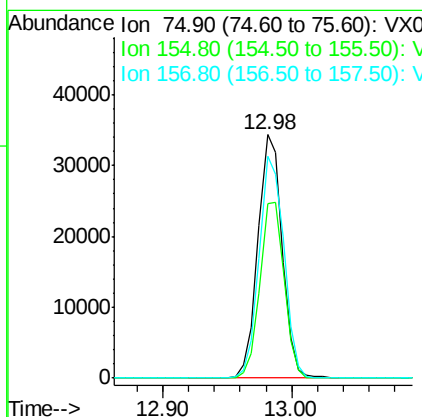
Manual Integrations
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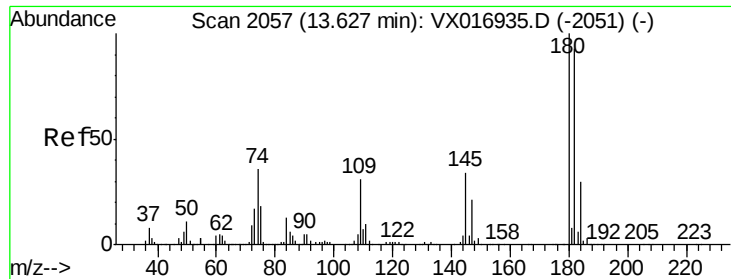
MMDadoda
6/24/2020 10:54:35 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.607 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX016935.D
Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44381		
155	72.3	36.1	108.5	
157	93.2	46.6	139.8	





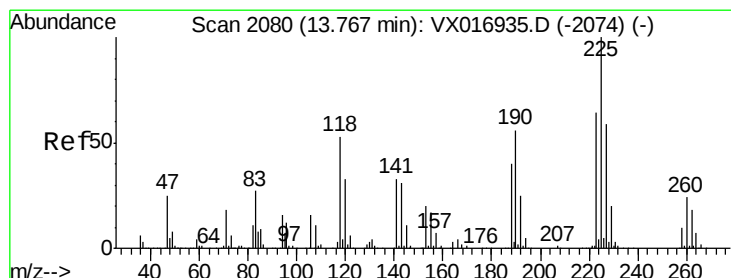
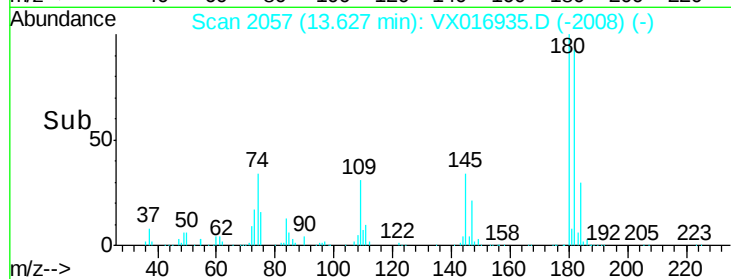
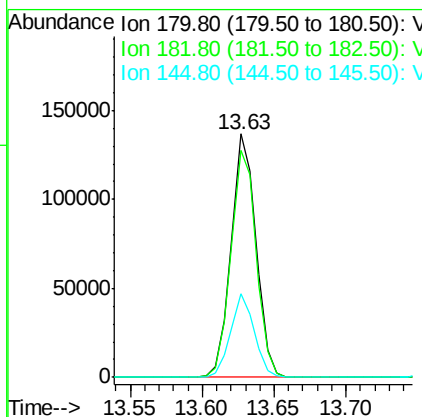
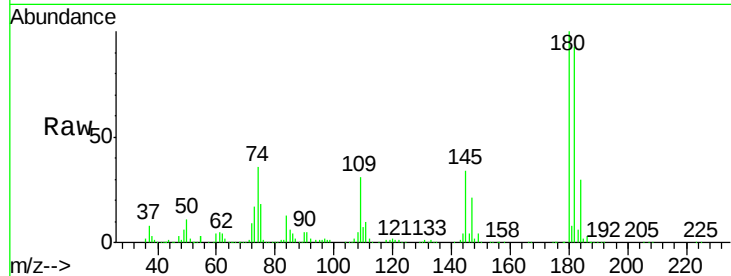
#93
 1,2,4-Trichlorobenzene
 Concen: 60.075 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	167178		
182	94.7	47.3	142.0	
145	32.8	16.4	49.2	

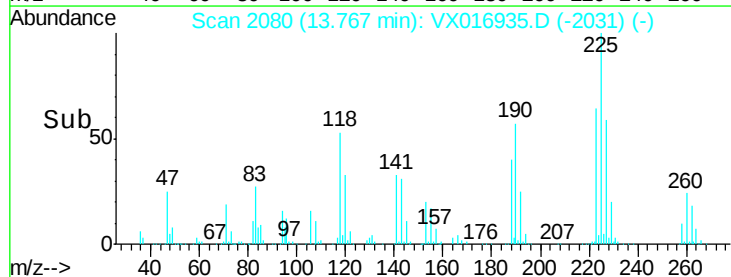
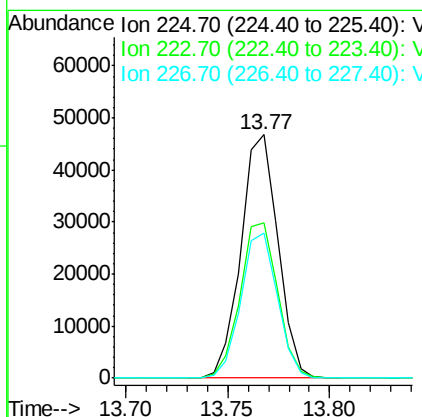
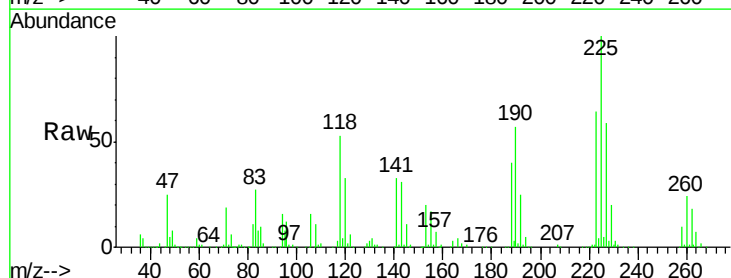
Manual Integrations
 APPROVED

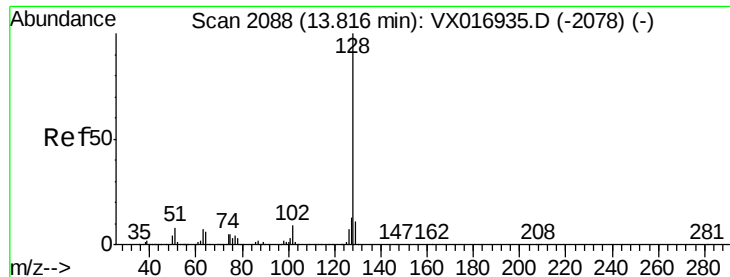
MMDadoda
 6/24/2020 10:54:35 AM



#94
 Hexachlorobutadiene
 Concen: 60.929 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016935.D
 Acq: 23 Jun 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59152		
223	64.9	32.5	97.4	
227	58.7	29.3	88.0	





#95

Naphthalene

Concen: 65.008 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Instrument :

MSVOA_X

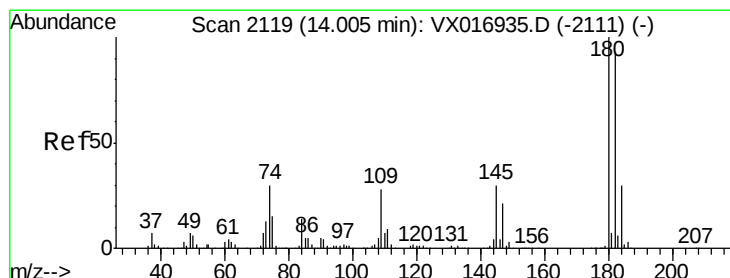
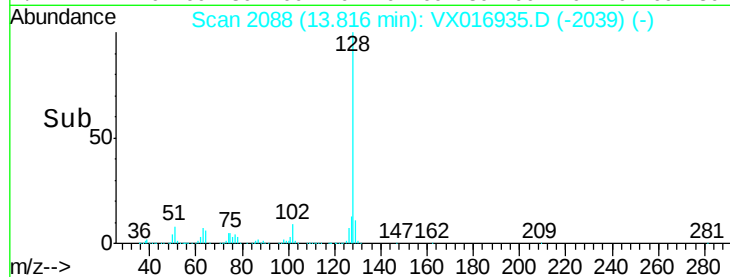
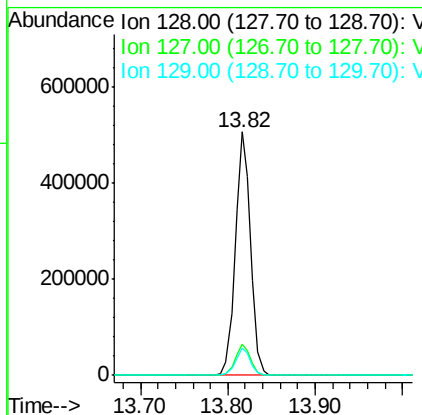
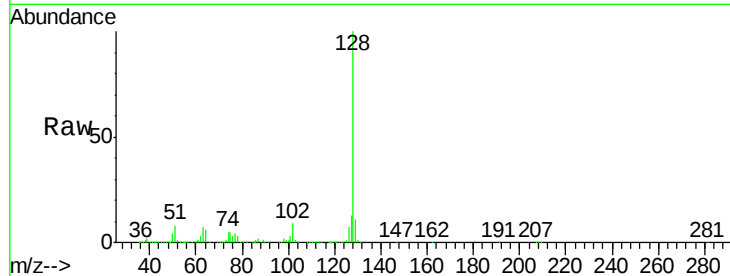
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	614725
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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6/24/2020 10:54:35 AM



#96

1,2,3-Trichlorobenzene

Concen: 61.250 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX016935.D

Acq: 23 Jun 2020 17:16

Tgt Ion:	180	Resp:	164873
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.4	142.3
145	34.2	17.1	51.3

