

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016841.D
 Acq On : 18 Jun 2020 11:47
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:49:41 PM

Quant Time: Jun 18 12:37:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 12:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	252797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	141921	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
35) Dibromofluoromethane	5.46	113	118990	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.70	98	471532	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
62) 4-Bromofluorobenzene	11.12	95	175096	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	173734	65.714	ug/l	100
3) Chloromethane	1.31	50	148752	52.973	ug/l	100
4) Vinyl Chloride	1.39	62	192230	62.256	ug/l	100
5) Bromomethane	1.62	94	110633	57.263	ug/l	100
6) Chloroethane	1.71	64	110018	58.504	ug/l	100
7) Trichlorofluoromethane	1.92	101	259150	59.380	ug/l	100
8) Diethyl Ether	2.17	74	95693	53.571	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133247	59.743	ug/l	100
10) Methyl Iodide	2.49	142	137784	51.036	ug/l	100
11) Tert butyl alcohol	3.01	59	129367	189.437	ug/l	100
12) 1,1-Dichloroethene	2.36	96	137913	54.299	ug/l	100
13) Acrolein	2.27	56	77884	237.883	ug/l	100
14) Allyl chloride	2.71	41	180822	46.924	ug/l	100
15) Acrylonitrile	3.12	53	301190	212.187	ug/l	100
16) Acetone	2.42	43	248785	197.271	ug/l	100
17) Carbon Disulfide	2.55	76	335847	47.505	ug/l	100
18) Methyl Acetate	2.75	43	146361	43.484	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	399548	47.529	ug/l	100
20) Methylene Chloride	2.84	84	128917	46.385	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	128761	48.386	ug/l	100
22) Diisopropyl ether	3.82	45	352238	48.544	ug/l	100
23) Vinyl Acetate	3.78	43	1482053	237.094	ug/l	100
24) 1,1-Dichloroethane	3.67	63	219074	48.219	ug/l	100
25) 2-Butanone	4.63	43	394787	208.331	ug/l	100
26) 2,2-Dichloropropane	4.55	77	205132	48.776	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	144379	47.435	ug/l	100
28) Bromochloromethane	4.98	49	87686	45.357	ug/l	100
29) Tetrahydrofuran	5.09	42	253318	206.547	ug/l	100
30) Chloroform	5.18	83	230480	47.962	ug/l	100
31) Cyclohexane	5.55	56	193626	56.472	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	218890	50.201	ug/l	100
36) 1,1-Dichloropropene	5.77	75	171154	50.686	ug/l	100
37) Ethyl Acetate	4.79	43	156545	43.172	ug/l	100
38) Carbon Tetrachloride	5.76	117	196649	51.282	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	220947	60.417	ug/l	100
40) Benzene	6.12	78	511054	49.643	ug/l	100
41) Methacrylonitrile	5.01	41	86663	44.582	ug/l	100
42) 1,2-Dichloroethane	6.16	62	183029	48.736	ug/l	100
43) Isopropyl Acetate	6.41	43	287285	49.473	ug/l	100
44) Trichloroethene	7.19	130	187546	57.135	ug/l	100
45) 1,2-Dichloropropane	7.49	63	131101	51.607	ug/l	100
46) Dibromomethane	7.64	93	88868	48.381	ug/l	100
47) Bromodichloromethane	7.88	83	186687	48.791	ug/l	100
48) Methyl methacrylate	7.74	41	128874	47.348	ug/l	100
49) 1,4-Dioxane	7.71	88	60193	902.077	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	835394	236.872	ug/l	100
52) Toluene	8.76	92	336705	50.268	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	210668	48.873	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	221908	49.168	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	142146	52.279	ug/l	100
56) Ethyl methacrylate	9.16	69	224881	55.100	ug/l	100
57) 1,3-Dichloropropane	9.35	76	239174	52.186	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	494047	251.820	ug/l	100
59) 2-Hexanone	9.47	43	630318	232.874	ug/l	100
60) Dibromochloromethane	9.57	129	172818	53.713	ug/l	100
61) 1,2-Dibromoethane	9.65	107	147136	50.201	ug/l	100
64) Tetrachloroethene	9.32	164	181740	46.557	ug/l	100
65) Chlorobenzene	10.12	112	405322	48.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	151856	46.266	ug/l	100
67) Ethyl Benzene	10.24	91	668598	47.954	ug/l	100
68) m/p-Xylenes	10.34	106	508460	96.518	ug/l	100
69) o-Xylene	10.68	106	239315	47.272	ug/l	100
70) Styrene	10.70	104	417292	47.709	ug/l	100
71) Bromoform	10.84	173	125595	45.120	ug/l	100
73) Isopropylbenzene	11.00	105	640653	51.614	ug/l	100
74) N-amyl acetate	10.88	43	232174	48.700	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	170075	46.809	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	176212m	44.901	ug/l	
77) Bromobenzene	11.24	156	171379	48.880	ug/l	100
78) n-propylbenzene	11.34	91	726076	53.575	ug/l	100
79) 2-Chlorotoluene	11.40	91	435405	50.912	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	556945	53.253	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	69478	44.881	ug/l	100
82) 4-Chlorotoluene	11.49	91	519373	51.655	ug/l	100
83) tert-Butylbenzene	11.76	119	522316	54.286	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	562186	53.113	ug/l	100
85) sec-Butylbenzene	11.93	105	608719	54.328	ug/l	100
86) p-Isopropyltoluene	12.05	119	591627	54.904	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	307839	51.578	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	303461	49.266	ug/l	100
89) n-Butylbenzene	12.37	91	493591	55.286	ug/l	100
90) Hexachloroethane	12.58	117	107997	53.952	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	285335	48.186	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44392	44.263	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221602	52.452	ug/l	100
94) Hexachlorobutadiene	13.77	225	93726	49.639	ug/l	100
95) Naphthalene	13.82	128	645640	49.900	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	235149	55.998	ug/l	100

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

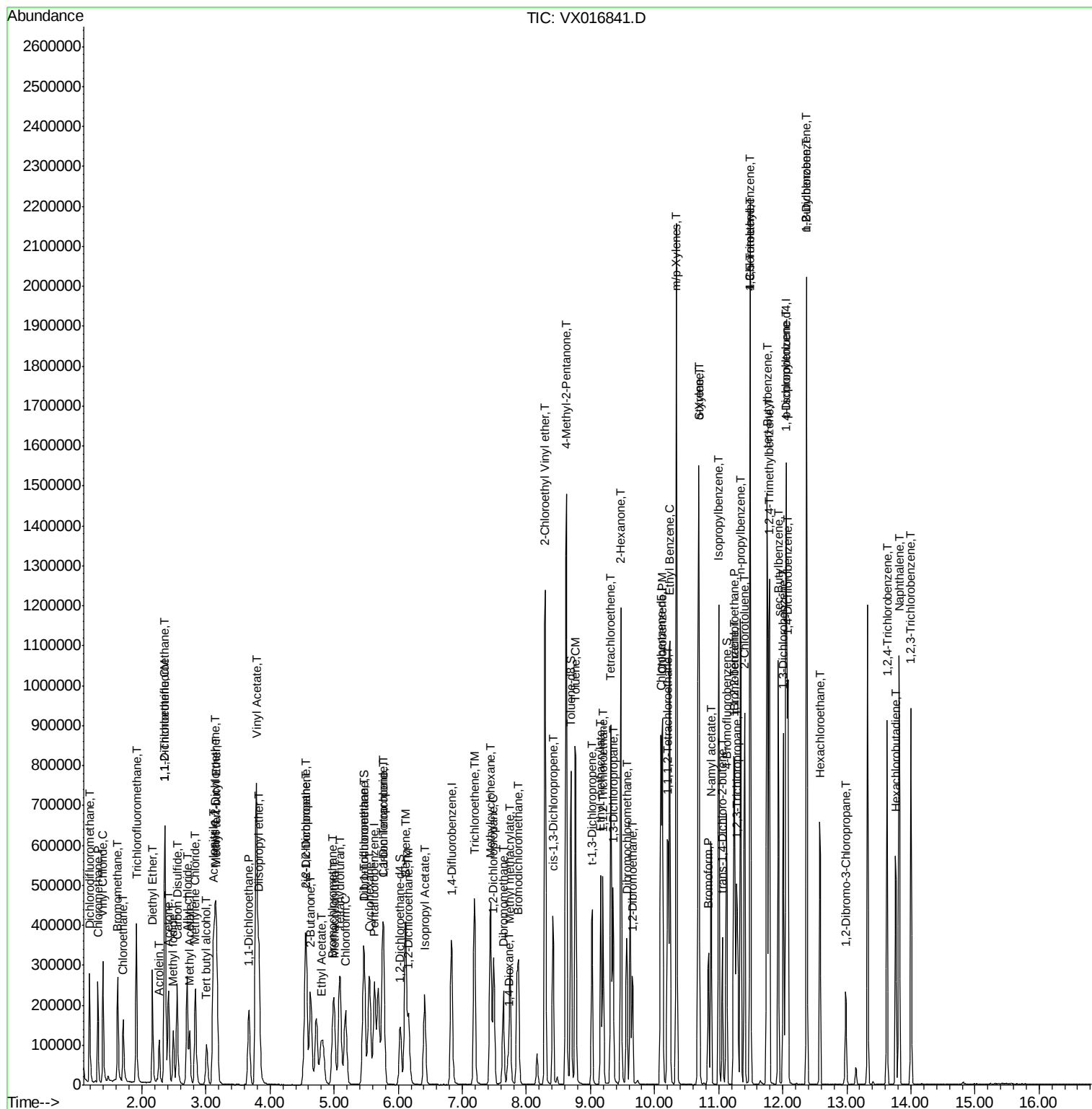
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061820\
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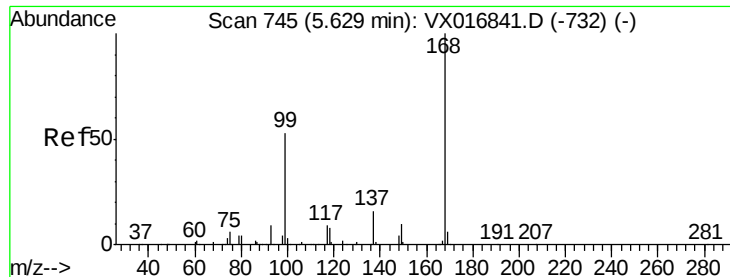
Instrument :
 MSVOA_X
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 252797

Ion Ratio Lower Upper

168 100

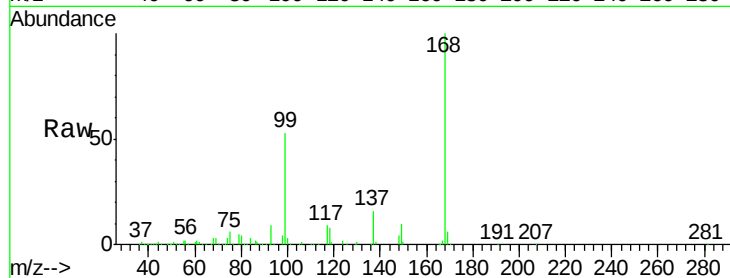
99 52.7 42.2 63.2

Manual Integrations

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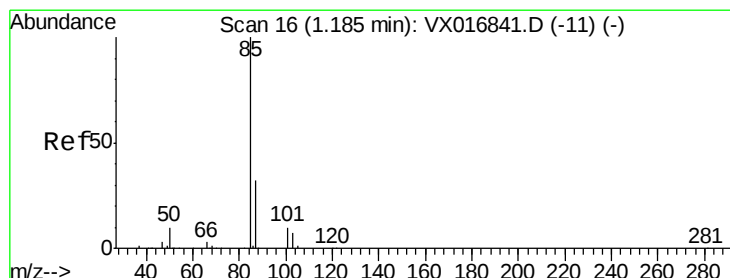
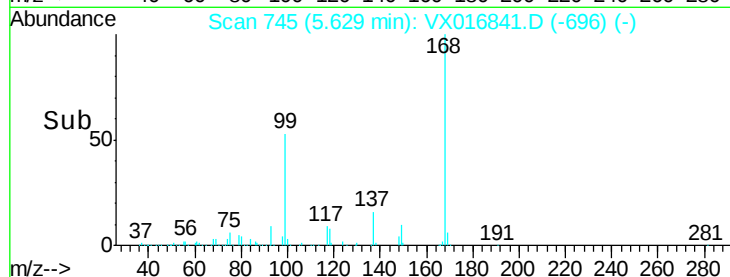
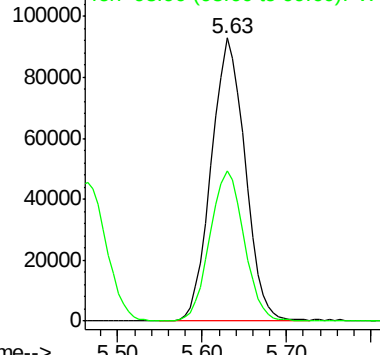
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 65.714 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016841.D

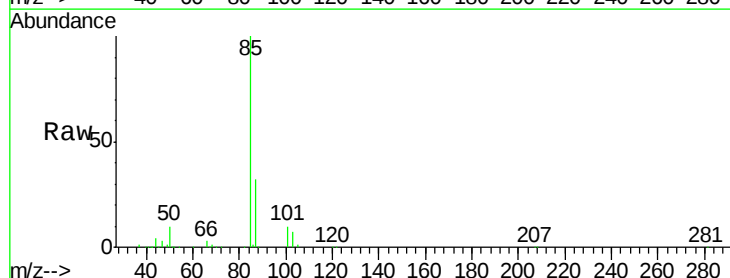
Acq: 18 Jun 2020 11:47

Tgt Ion: 85 Resp: 173734

Ion Ratio Lower Upper

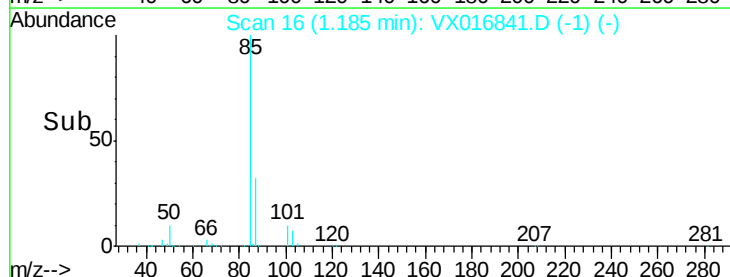
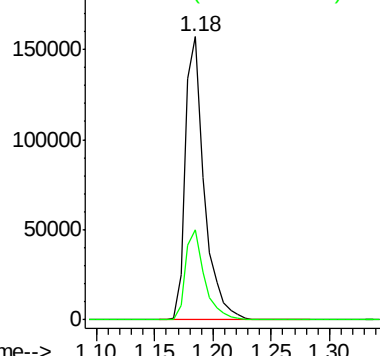
85 100

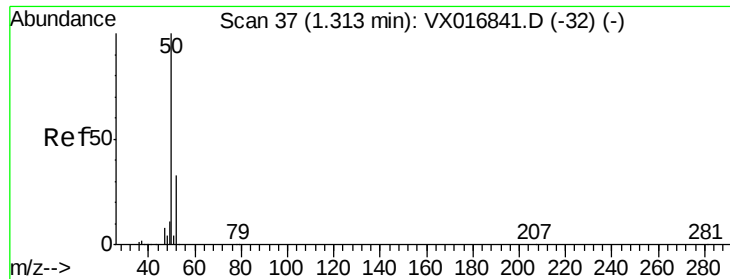
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.973 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 148752

Ion Ratio Lower Upper

50 100

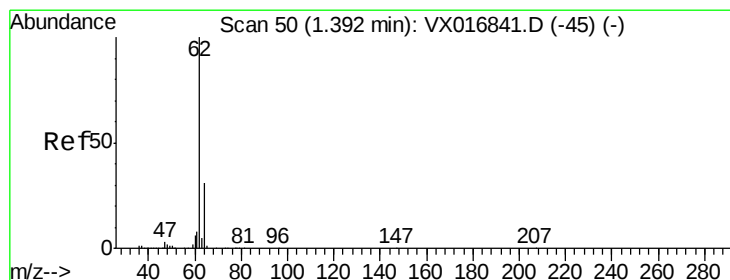
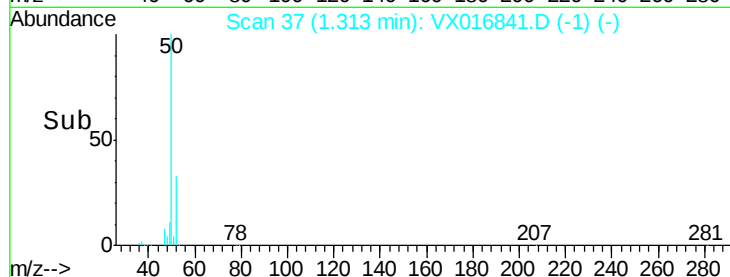
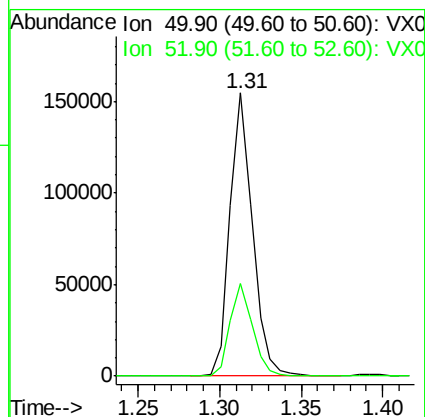
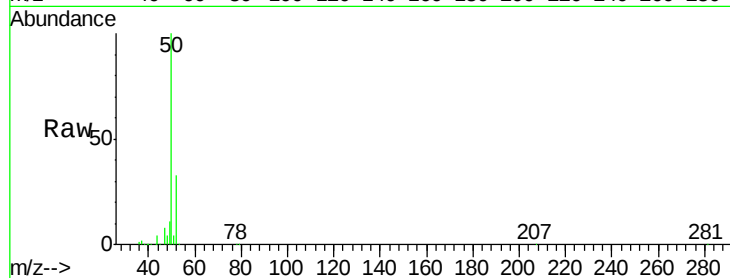
52 32.6 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 62.256 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016841.D

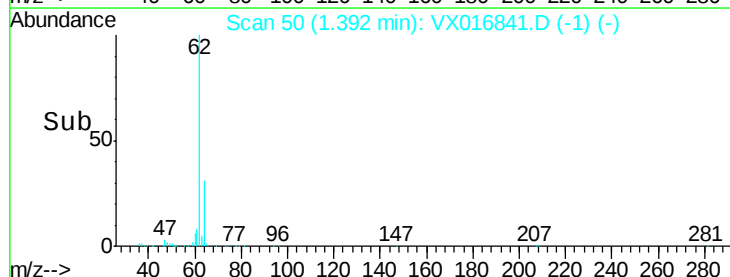
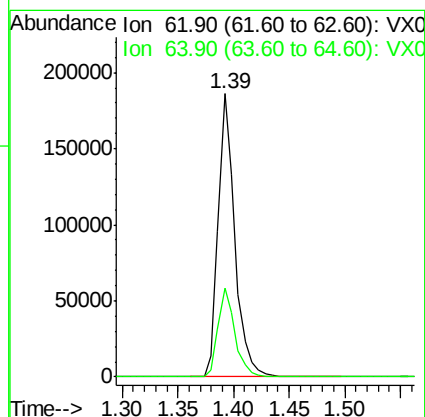
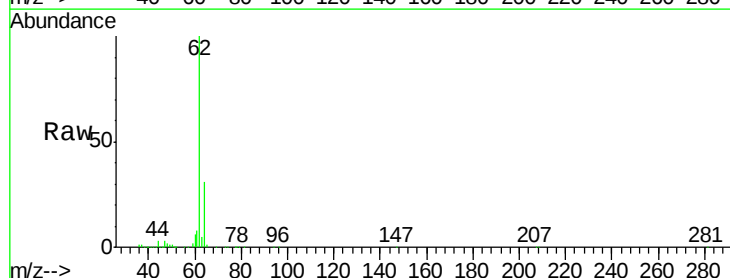
Acq: 18 Jun 2020 11:47

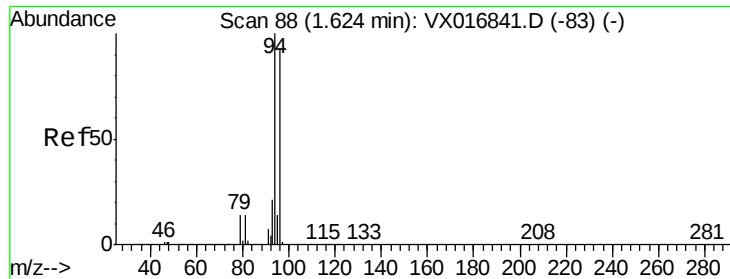
Tgt Ion: 62 Resp: 192230

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.4





#5

Bromomethane

Concen: 57.263 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

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ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 110633

Ion Ratio Lower Upper

94 100

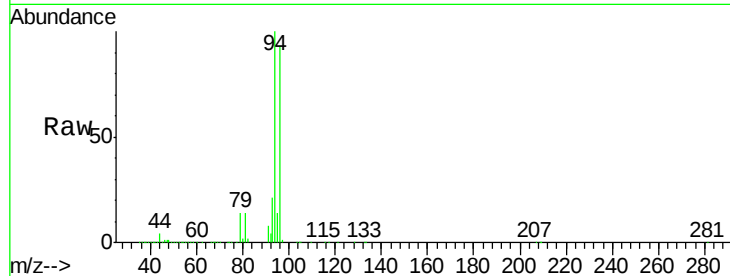
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Manual Integrations

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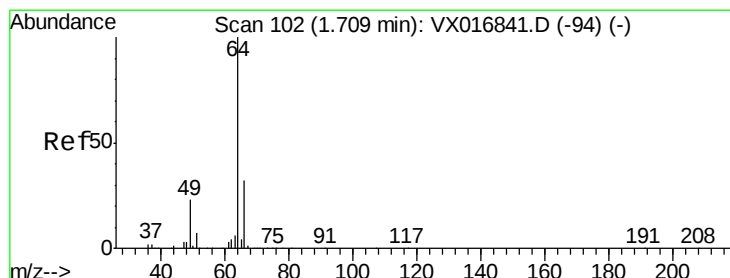
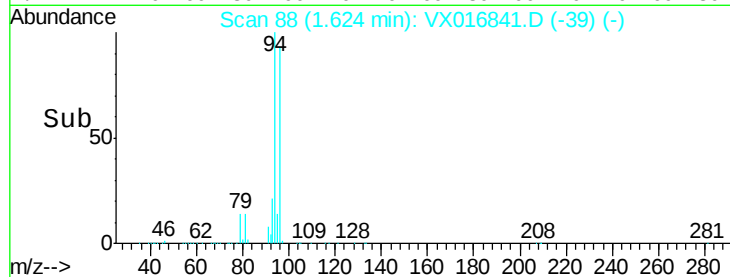
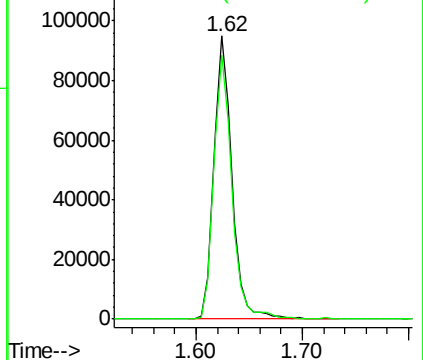
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.504 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016841.D

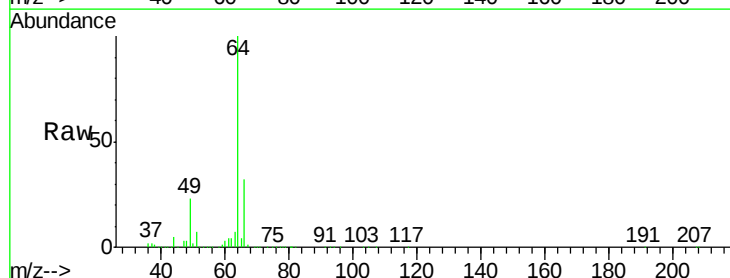
Acq: 18 Jun 2020 11:47

Tgt Ion: 64 Resp: 110018

Ion Ratio Lower Upper

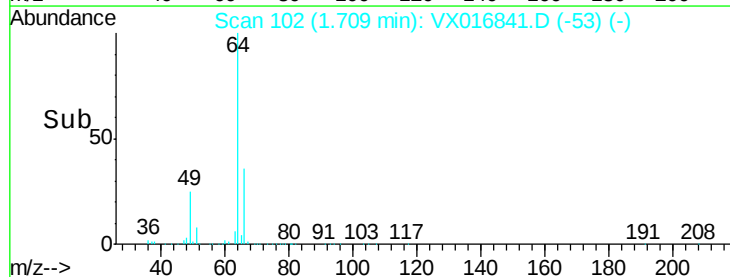
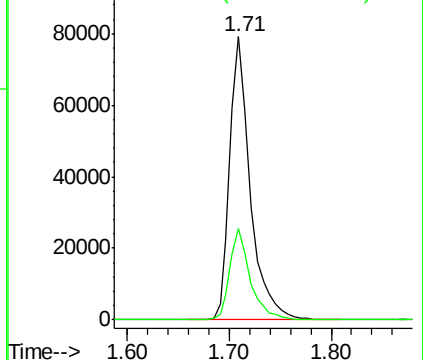
64 100

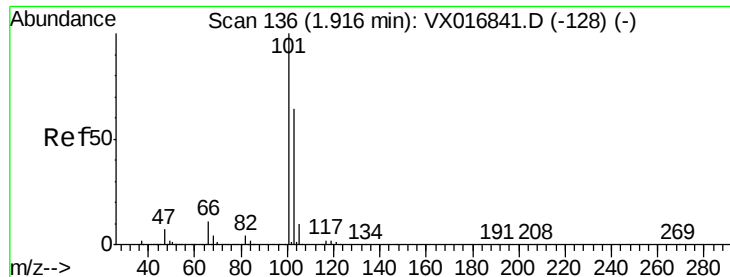
66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

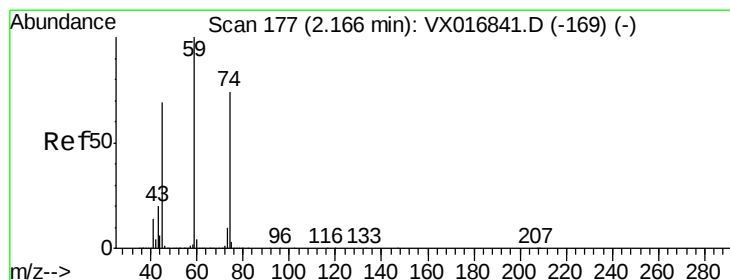
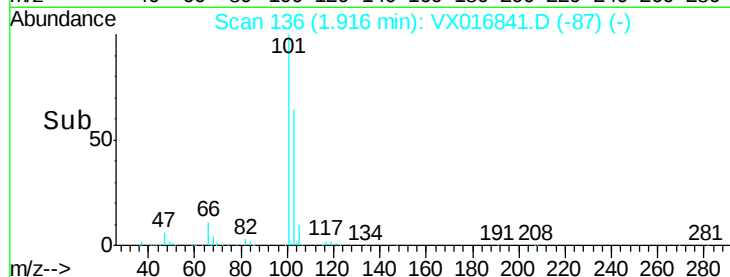
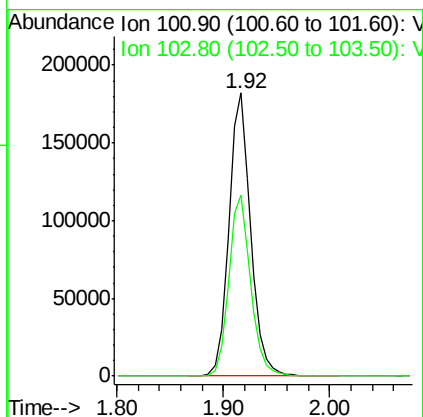
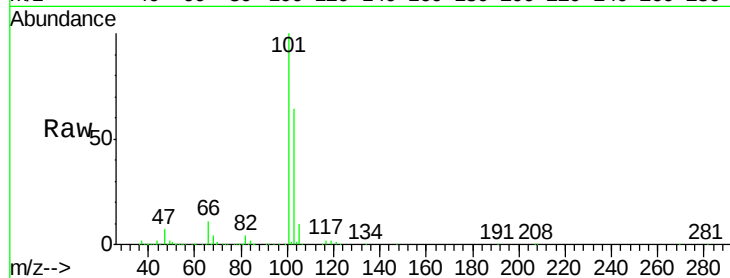
Trichlorofluoromethane
Concen: 59.380 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
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VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	259150		
103	64.0	51.2	51.2	76.8

Manual Integrations
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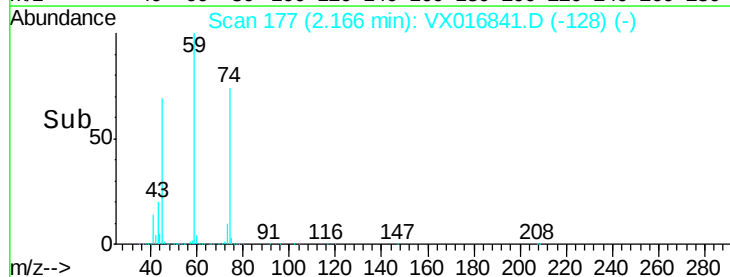
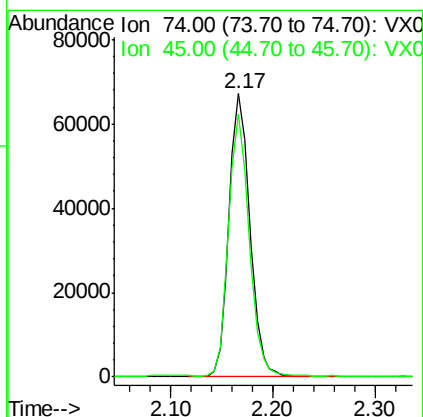
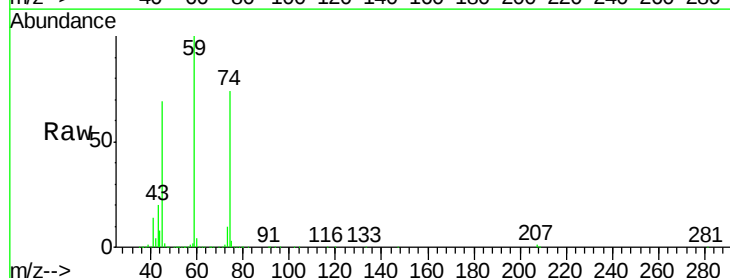
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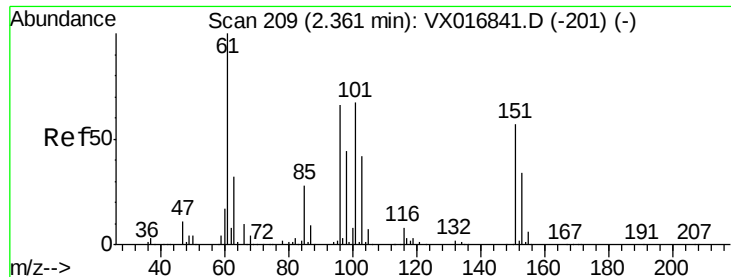


#8

Diethyl Ether
Concen: 53.571 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	95693		
45	90.5	45.3	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 59.743 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

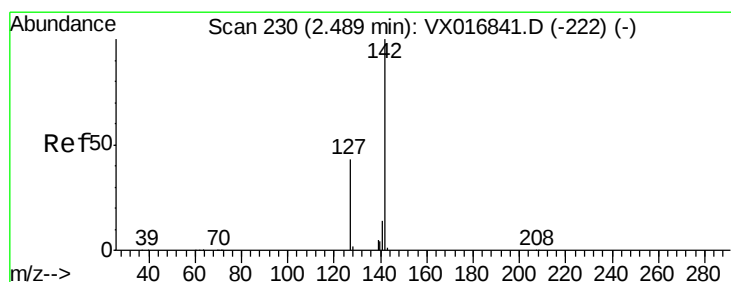
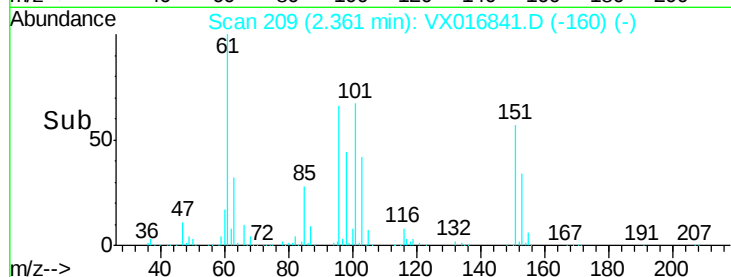
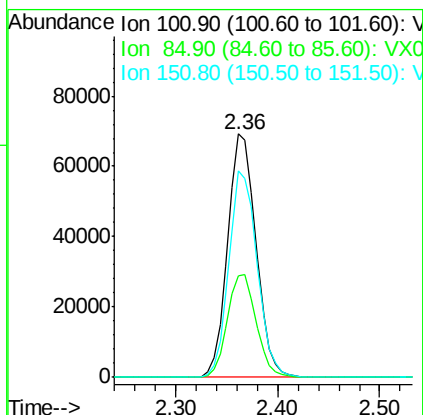
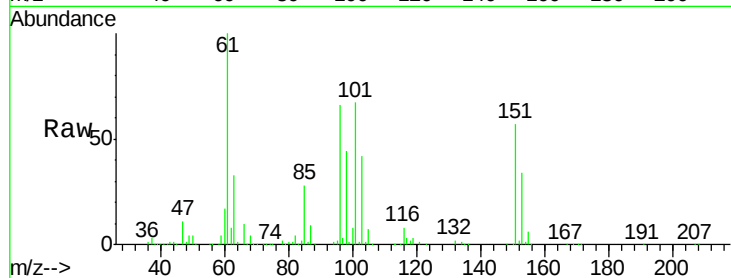
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	133247
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.3	51.5
151	84.5	67.6	101.4

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#10

Methyl Iodide

Concen: 51.036 ug/l

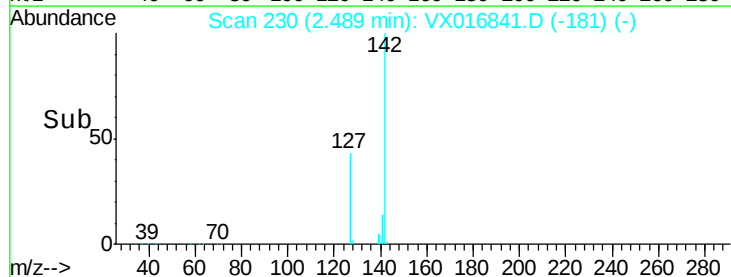
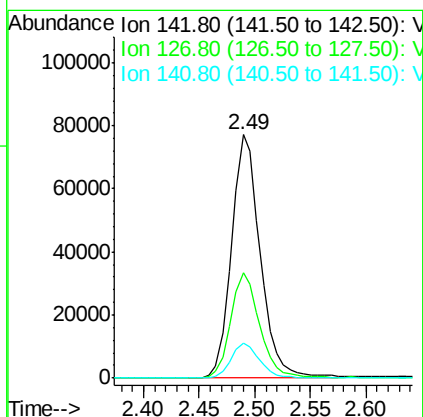
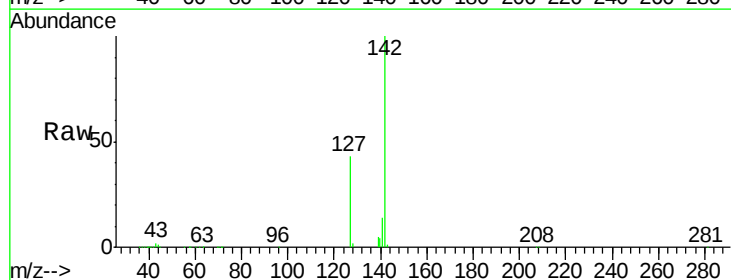
RT: 2.49 min Scan# 230

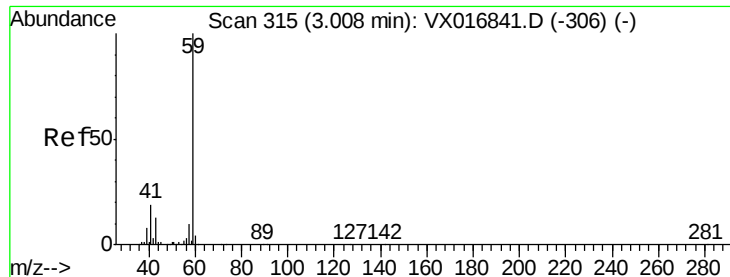
Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Tgt Ion:	142	Resp:	137784
Ion Ratio	Lower	Upper	
142	100		
127	43.9	35.1	52.7
141	14.5	11.6	17.4





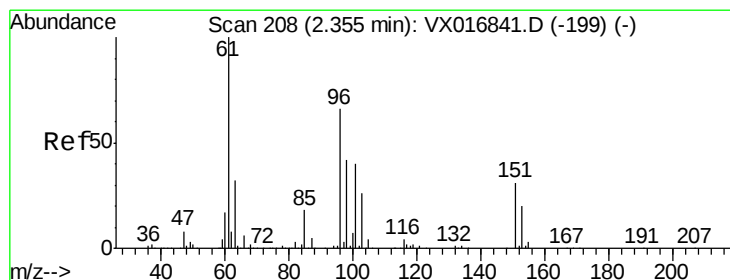
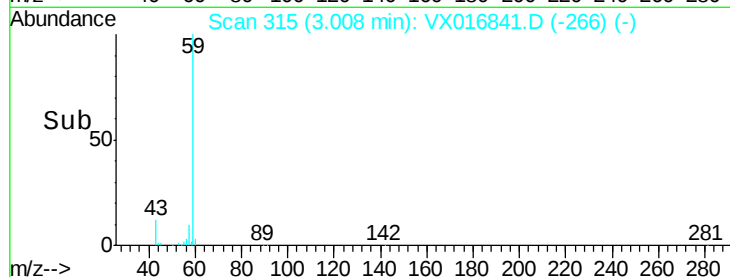
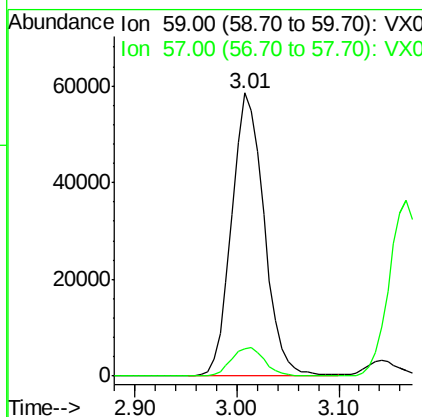
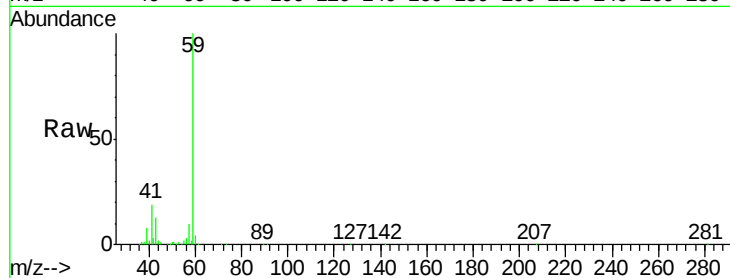
#11
Tert butyl alcohol
Concen: 189.437 ug/l
RT: 3.01 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

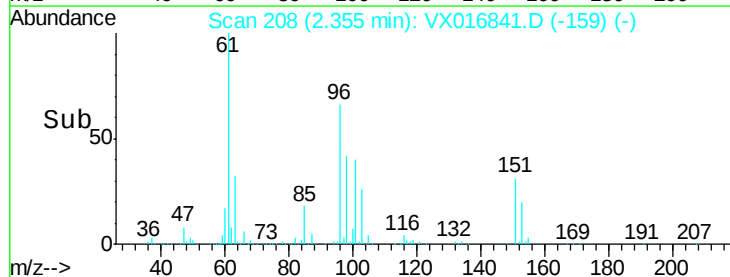
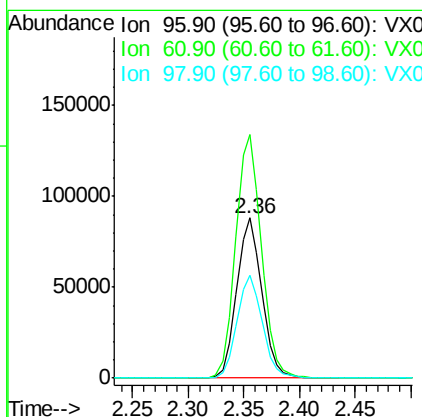
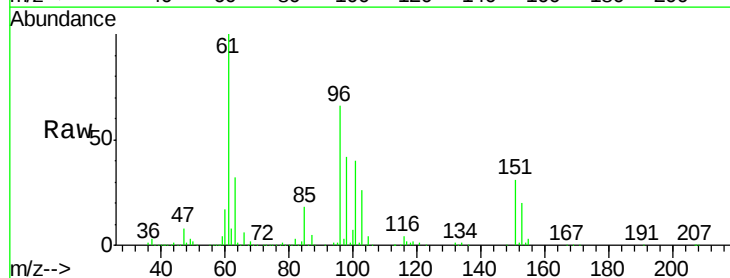
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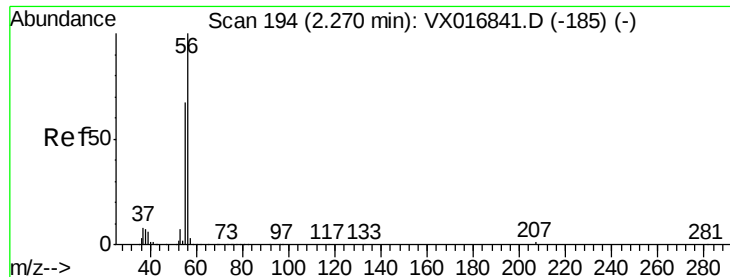
MMDadoda
6/19/2020 12:49:41 PM



#12
1,1-Dichloroethene
Concen: 54.299 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.1	121.7	182.5
98	63.9	51.1	76.7





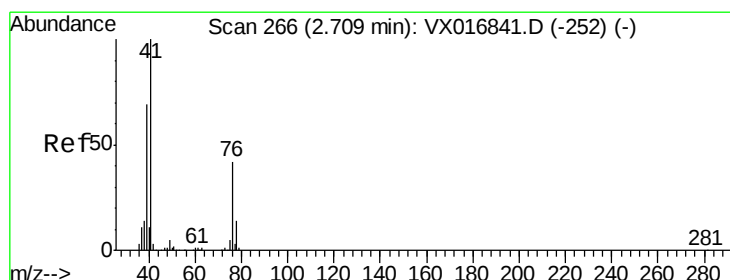
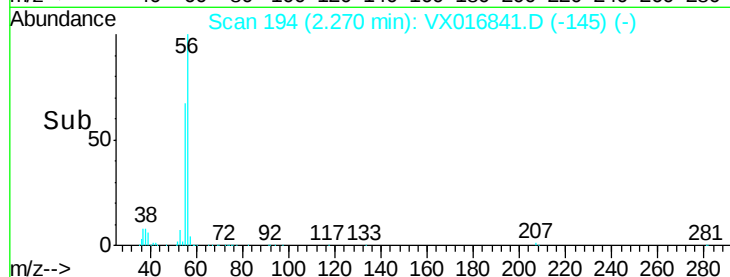
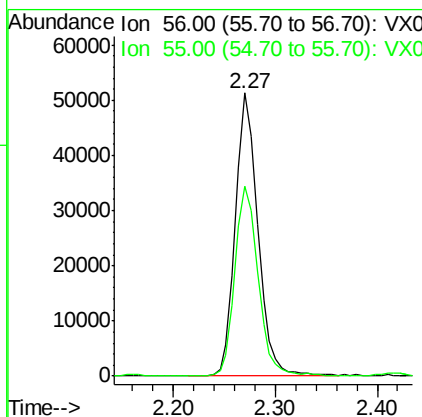
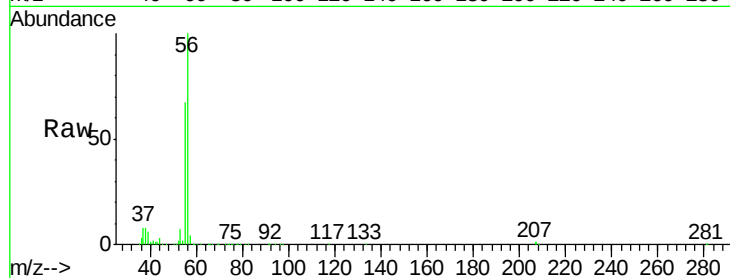
#13
Acrolein
Concen: 237.883 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	56	Resp	77884
Ion Ratio	100	Lower	Upper
55	69.6	55.7	83.5

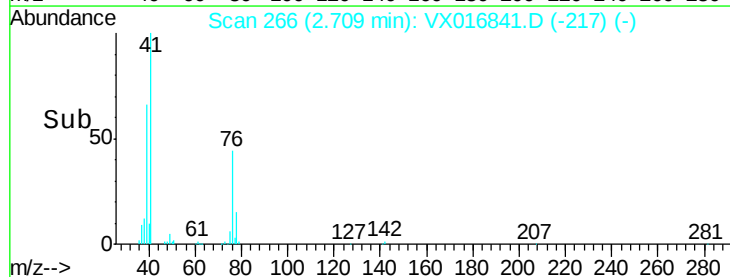
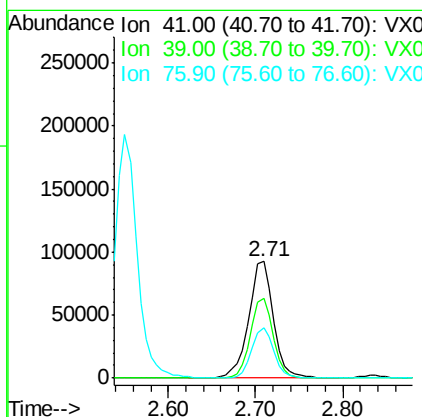
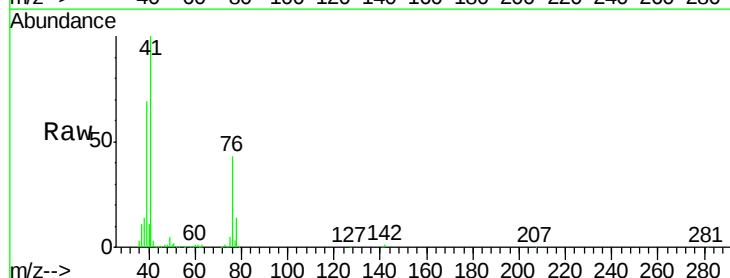
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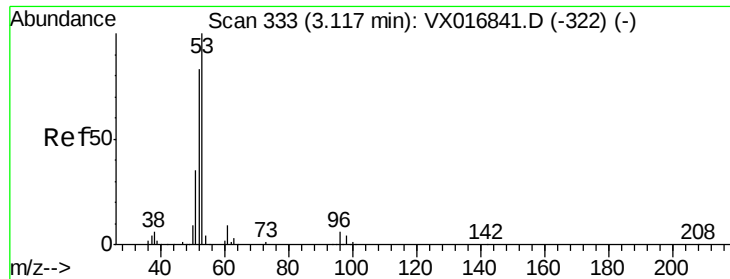
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#14
Allyl chloride
Concen: 46.924 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	41	Resp	180822
Ion Ratio	100	Lower	Upper
39	63.4	50.7	76.1
76	38.6	30.9	46.3





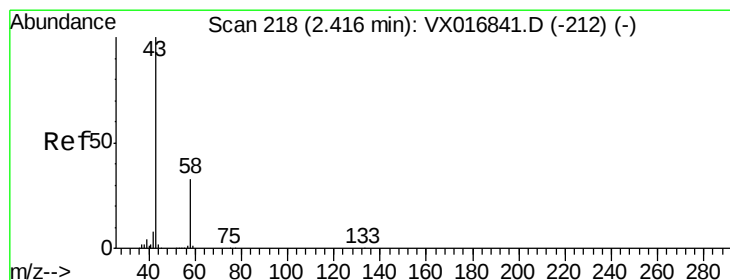
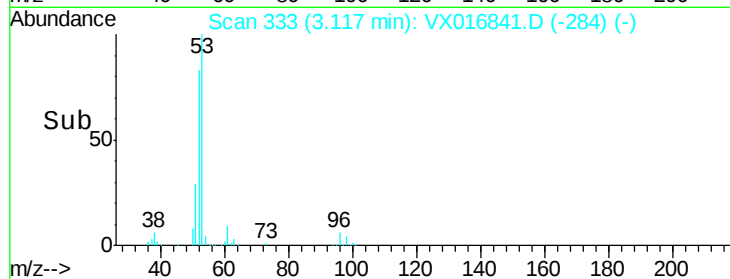
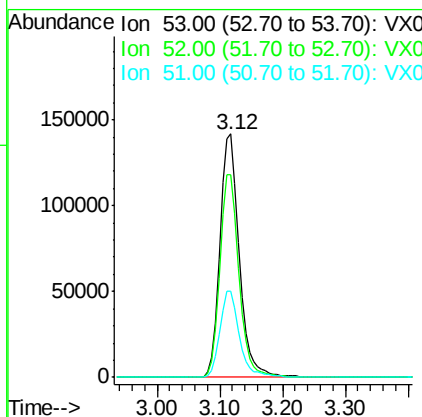
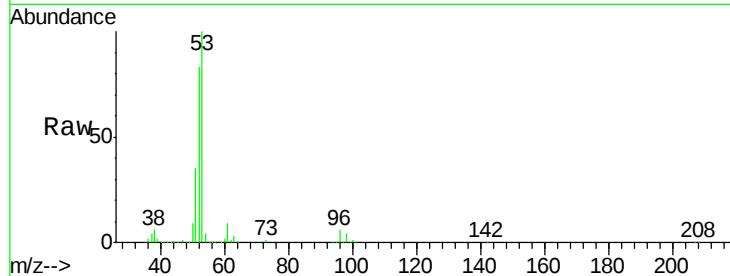
#15
Acrylonitrile
Concen: 212.187 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	53	Resp	301190
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	35.9	28.7	43.1

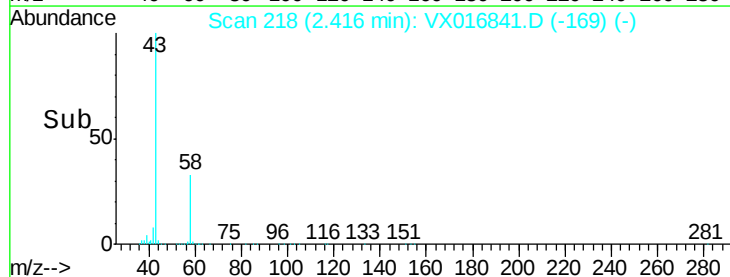
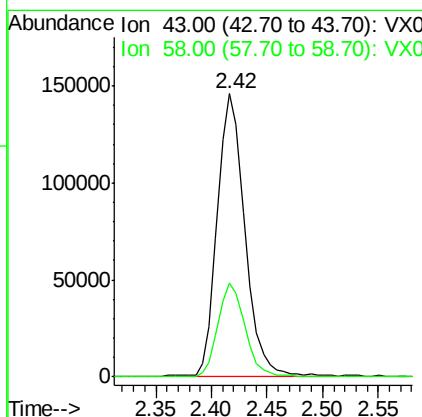
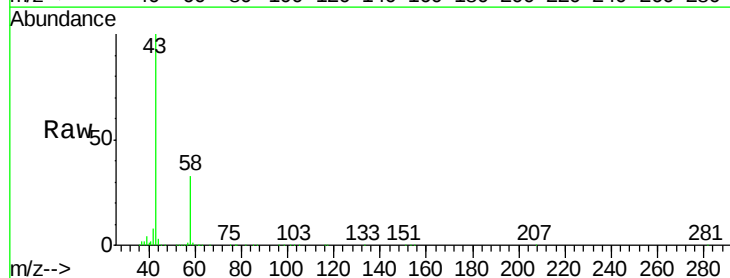
Manual Integrations
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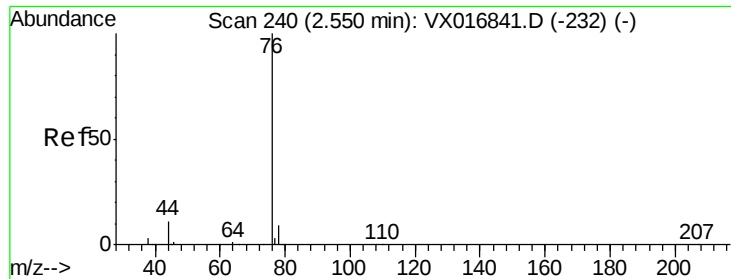
MMDadoda
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#16
Acetone
Concen: 197.271 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	43	Resp	248785
Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.6	39.8





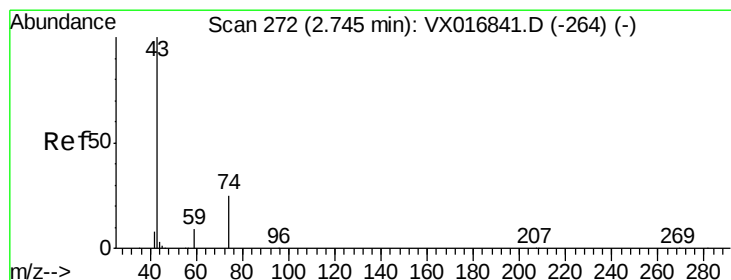
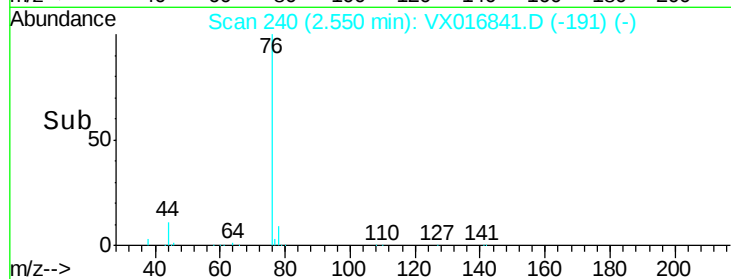
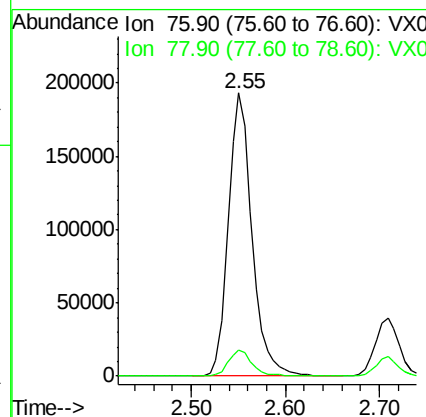
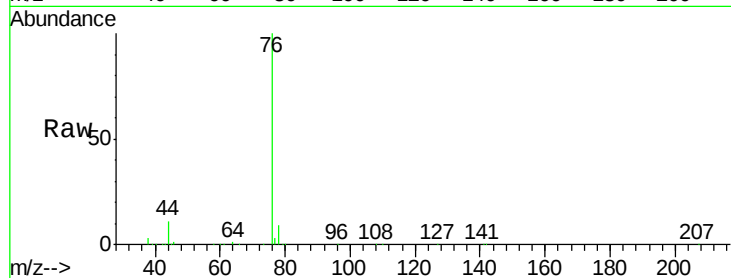
#17
Carbon Disulfide
Concen: 47.505 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

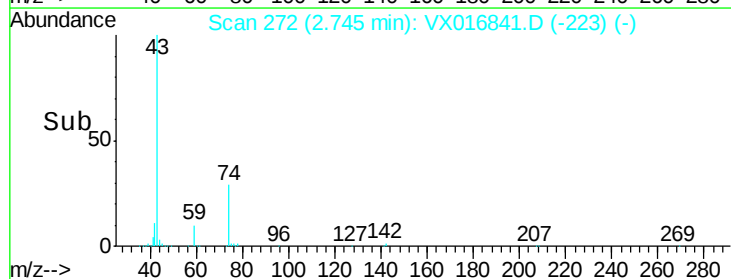
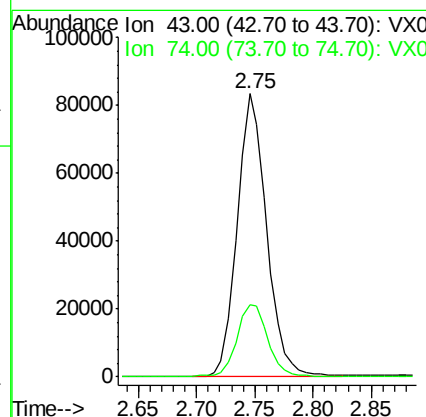
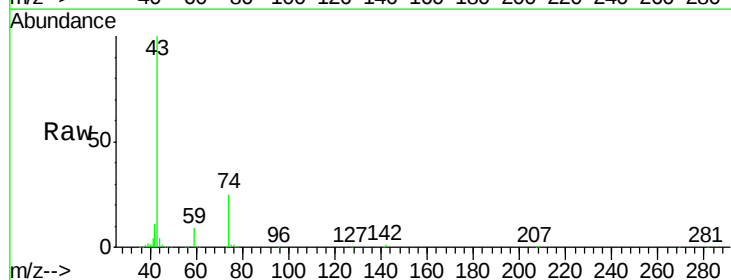
Manual Integrations
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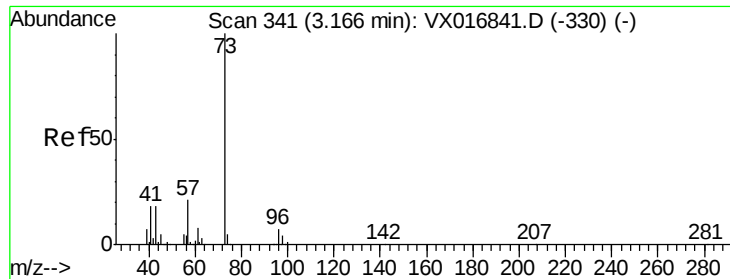
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#18
Methyl Acetate
Concen: 43.484 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	21.8	32.8





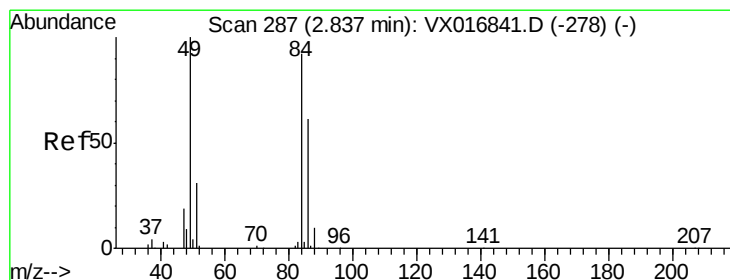
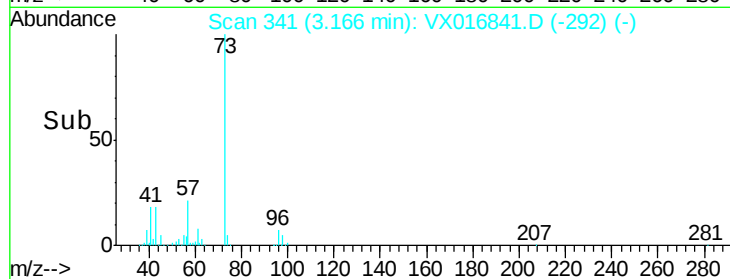
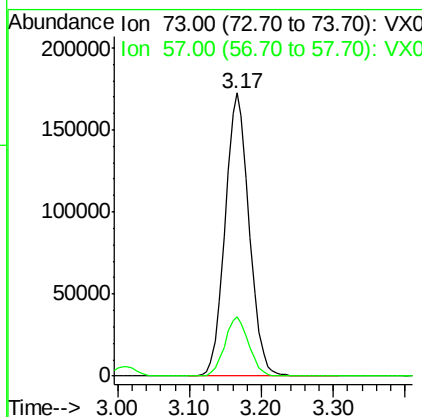
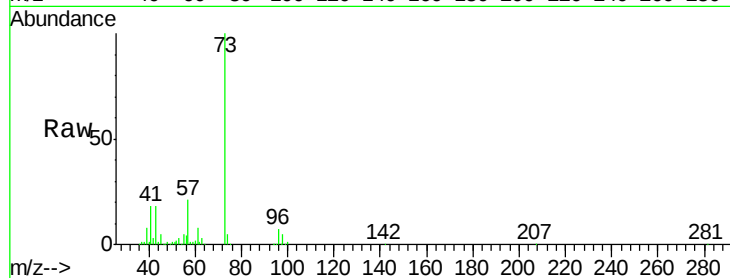
#19
Methyl tert-butyl Ether
Concen: 47.529 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.9	25.3

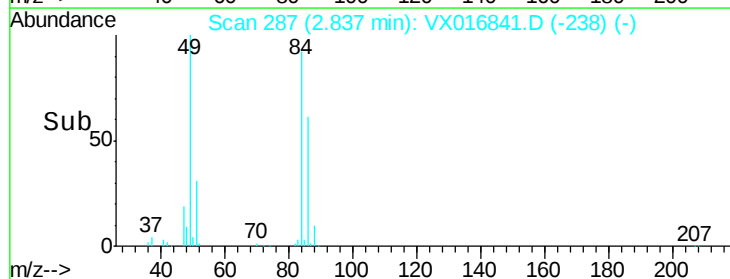
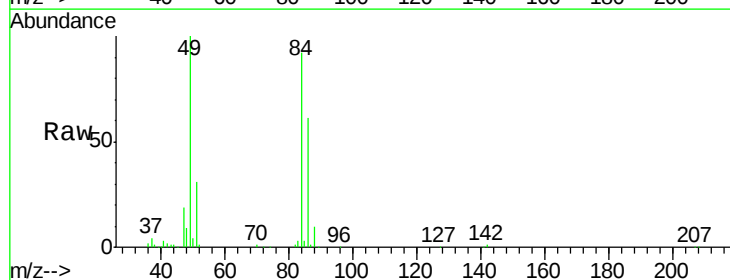
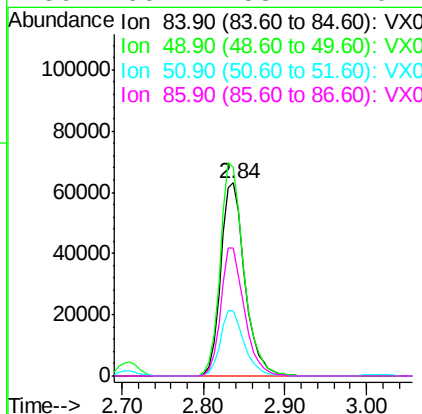
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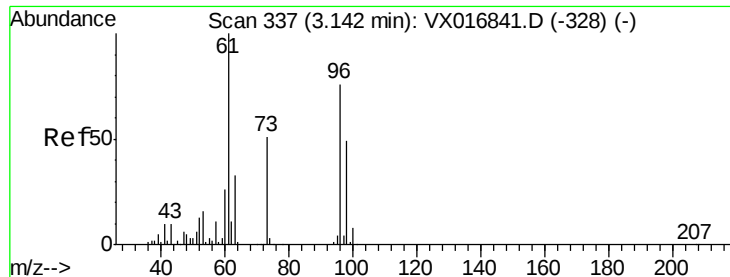
MMDadoda
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#20
Methylene Chloride
Concen: 46.385 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.2	86.6	129.8
51	33.9	27.1	40.7
86	66.4	53.1	79.7





#21

trans-1,2-Dichloroethene

Concen: 48.386 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

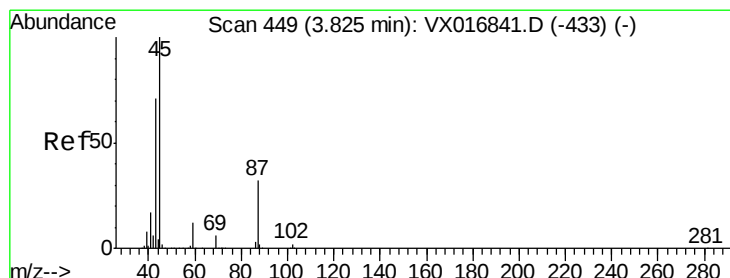
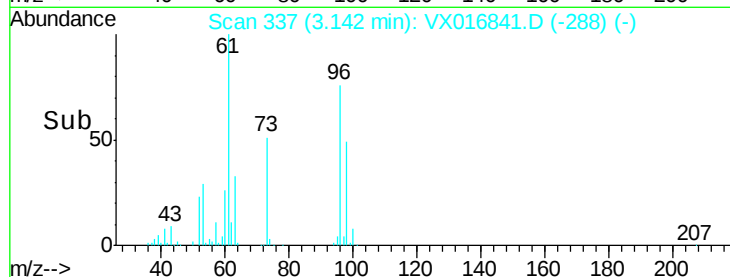
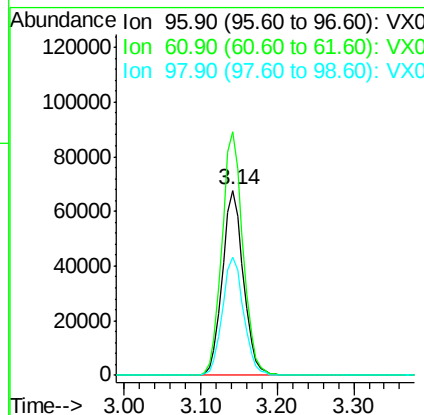
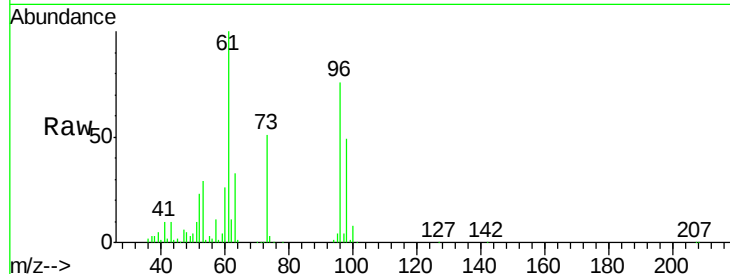
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	128761
Ion Ratio	Lower	Upper	
96	100		
61	131.7	105.4	158.0
98	64.1	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.544 ug/l

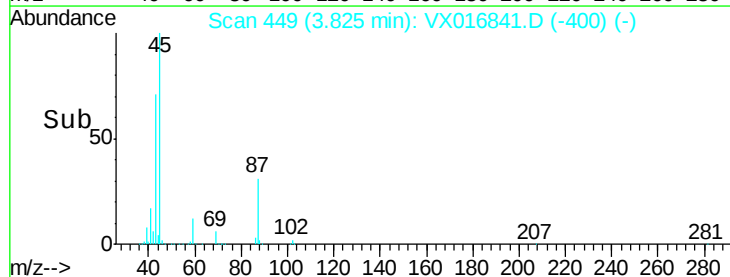
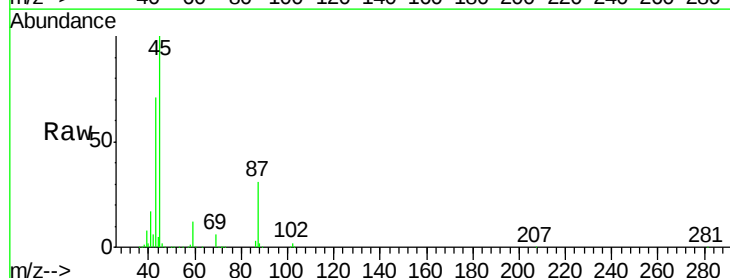
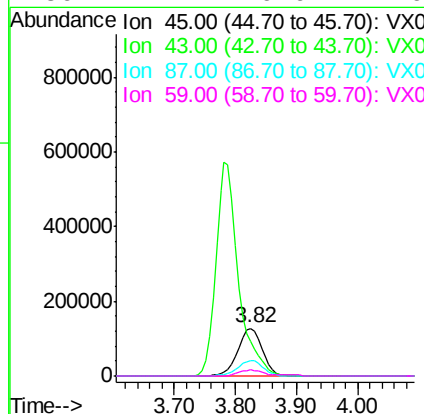
RT: 3.82 min Scan# 449

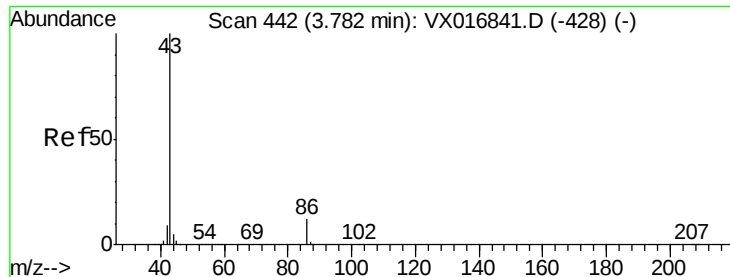
Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Tgt Ion:	45	Resp:	352238
Ion Ratio	Lower	Upper	
45	100		
43	71.2	57.0	85.4
87	31.5	25.2	37.8
59	12.4	9.9	14.9





#23

Vinyl Acetate

Concen: 237.094 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1482053

Ion Ratio Lower Upper

43 100

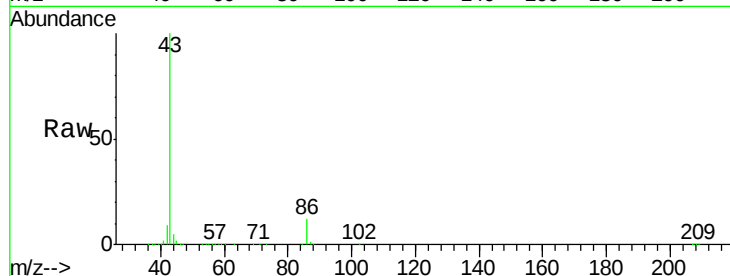
86 12.4 9.9 14.9

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

3.78

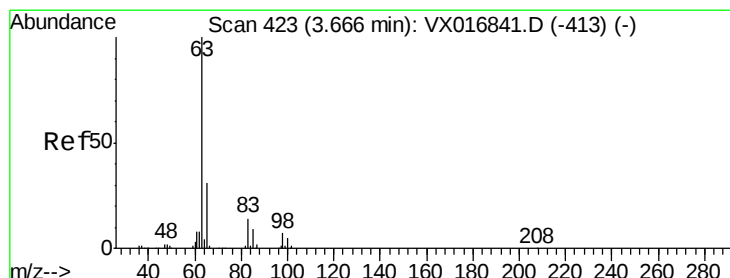
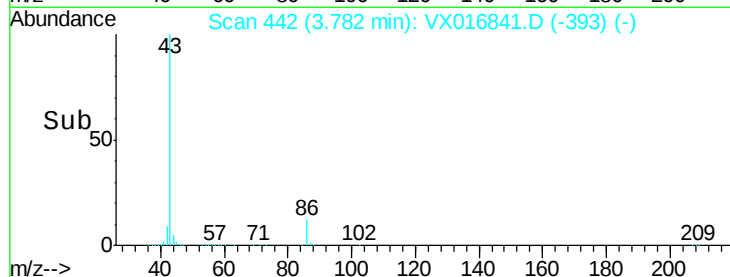
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.219 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

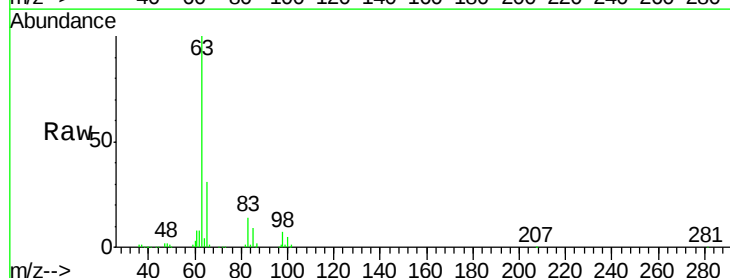
Tgt Ion: 63 Resp: 219074

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.7 2.4 7.1



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

120000

100000

80000

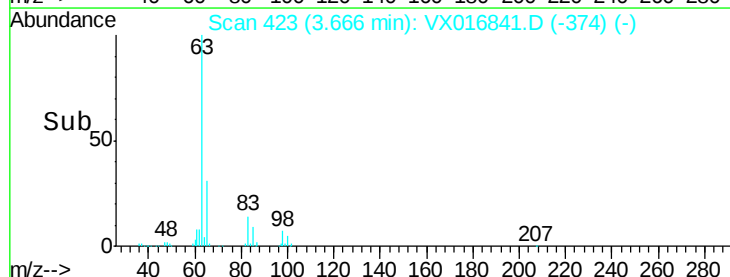
60000

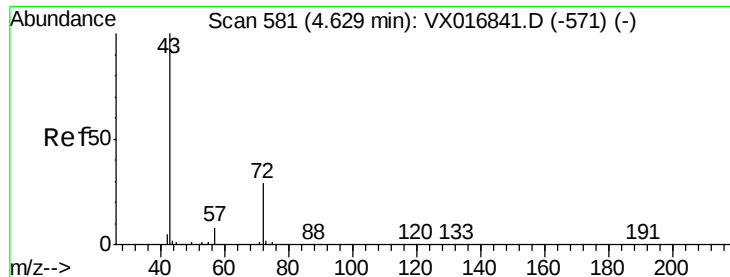
40000

20000

0

Time-->





#25

2-Butanone

Concen: 208.331 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 394787

Ion Ratio Lower Upper

43 100

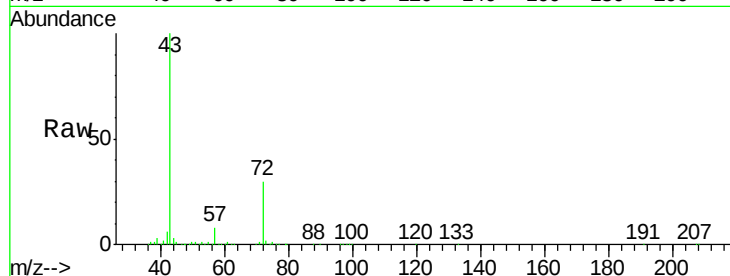
72 29.4 23.5 35.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

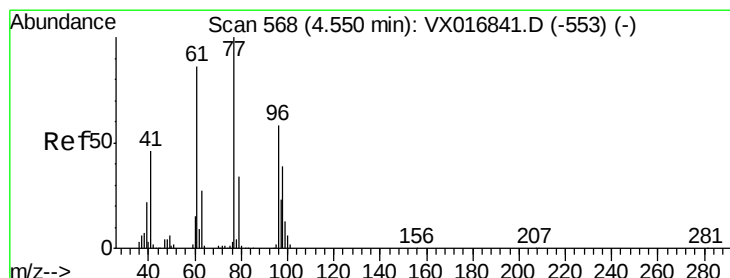
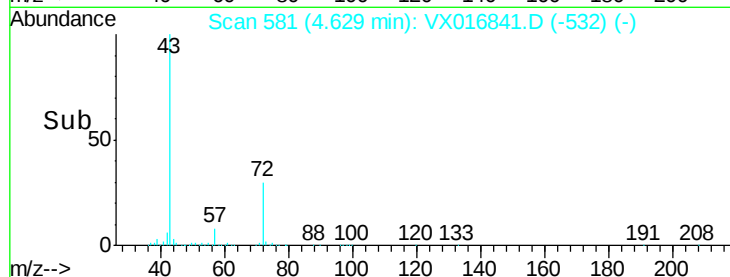
50000

0

4.63

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 48.776 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016841.D

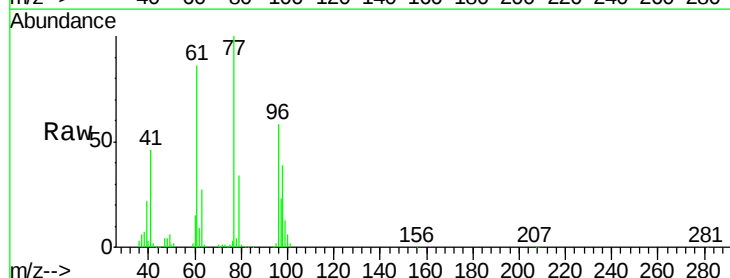
Acq: 18 Jun 2020 11:47

Tgt Ion: 77 Resp: 205132

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

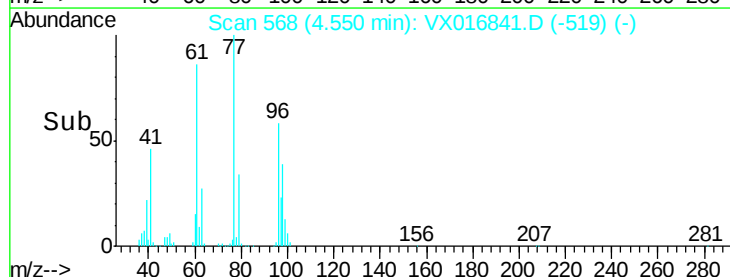
20000

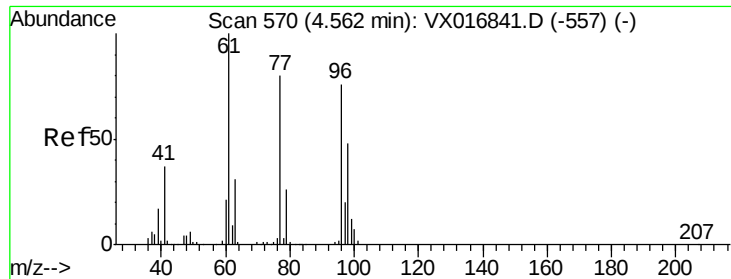
0

4.55

4.40 4.50 4.60 4.70

Time-->





#27

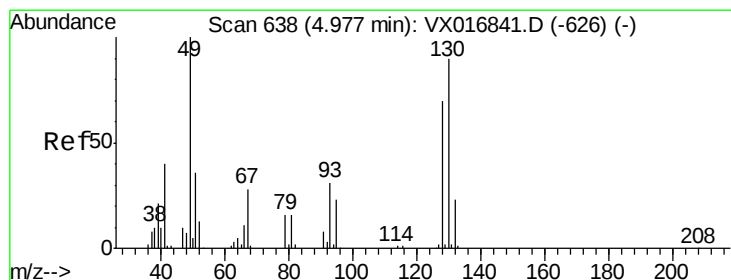
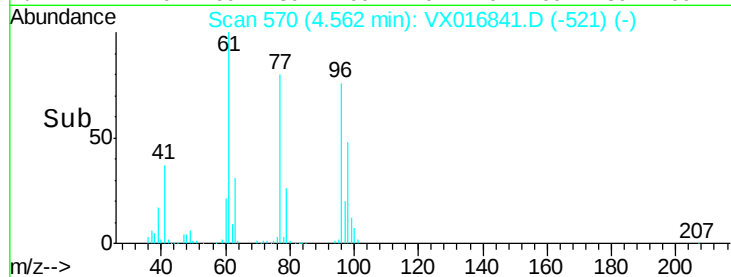
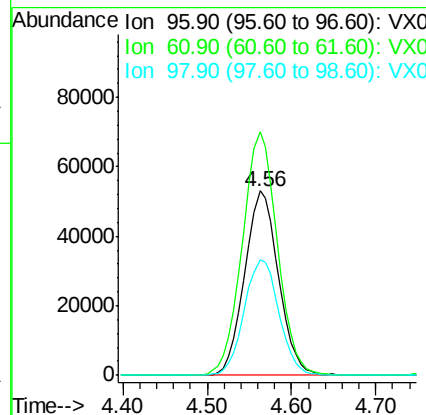
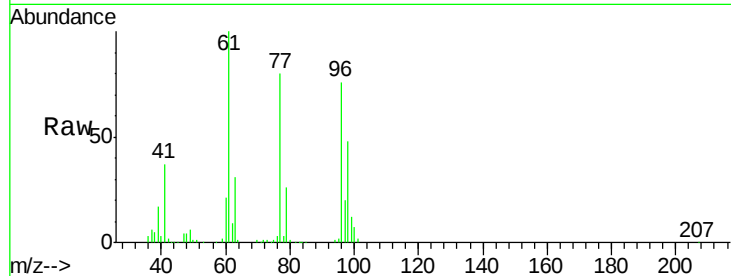
cis-1,2-Dichloroethene
Concen: 47.435 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	144379		
61	136.9	0.0	273.8	
98	64.5	0.0	129.0	

Manual Integrations
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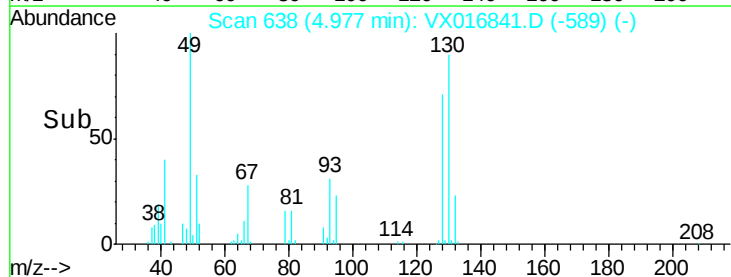
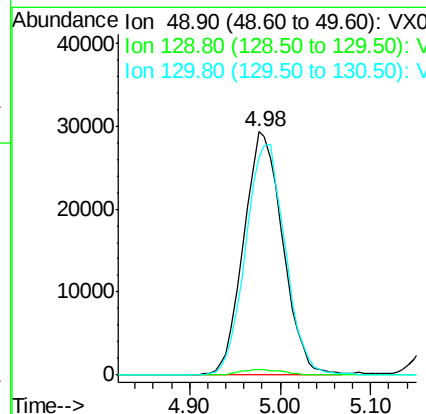
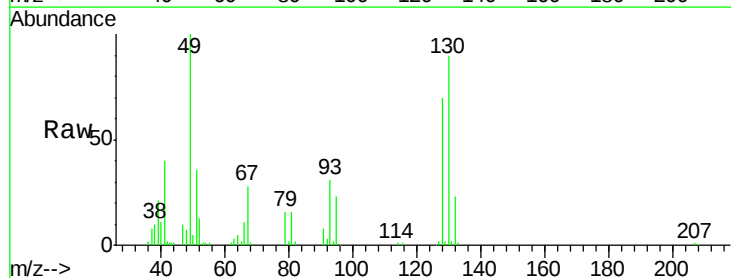
MMDadoda
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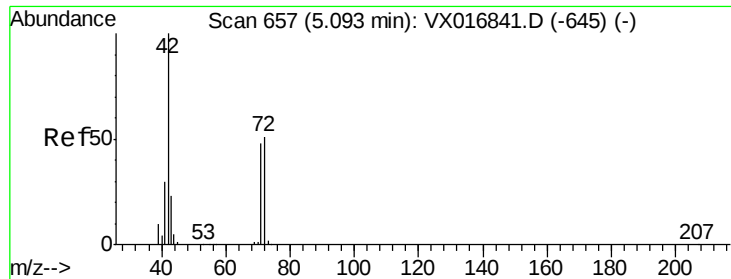


#28

Bromochloromethane
Concen: 45.357 ug/l
RT: 4.98 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	87686		
129	2.5	0.0	5.0	
130	96.0	76.8	115.2	





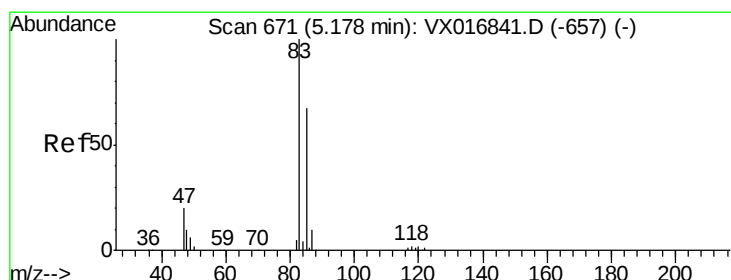
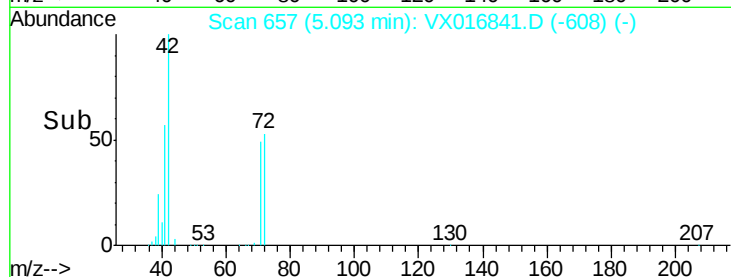
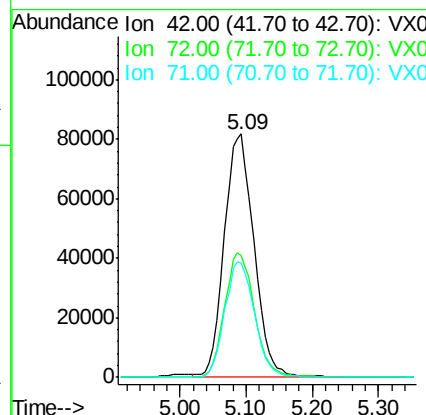
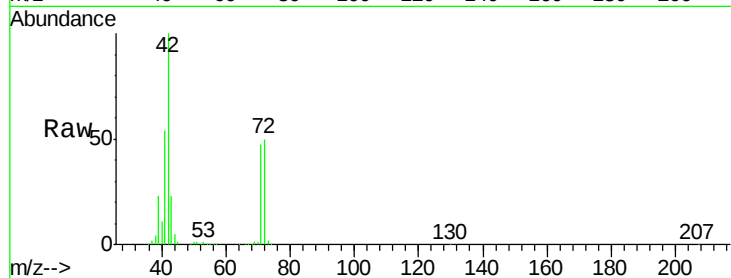
#29
Tetrahydrofuran
Concen: 206.547 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	41.1	61.7
71	48.0	38.4	57.6

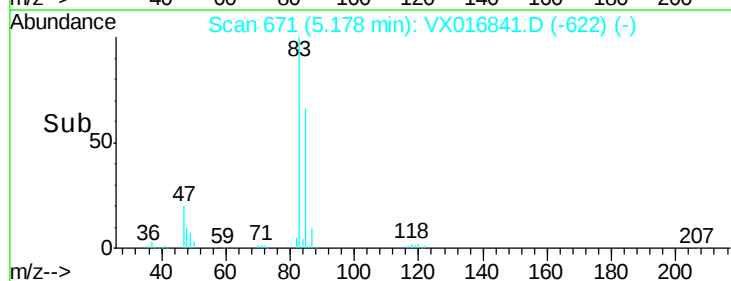
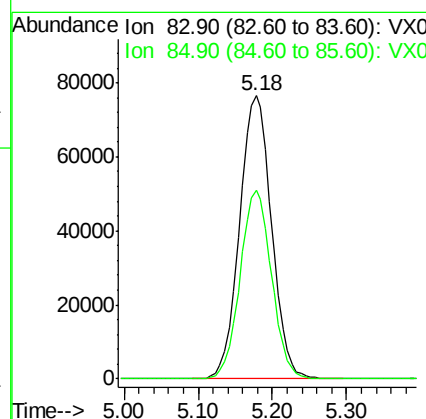
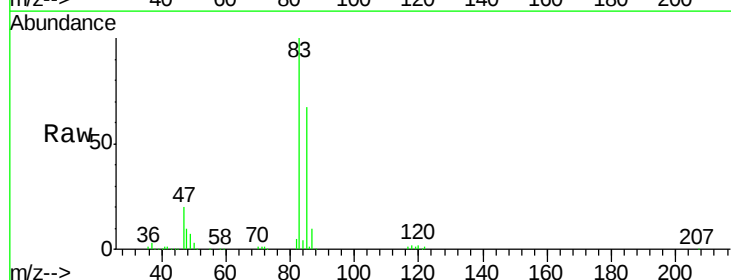
Manual Integrations
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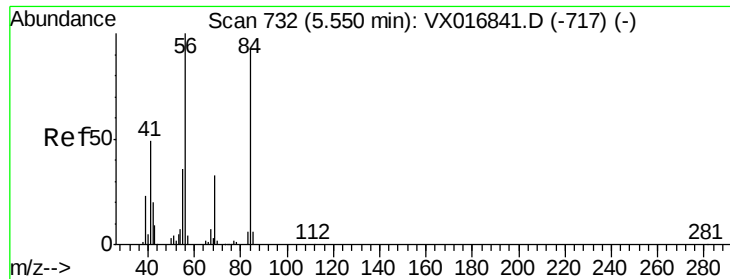
MMDadoda
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#30
Chloroform
Concen: 47.962 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.4	80.0





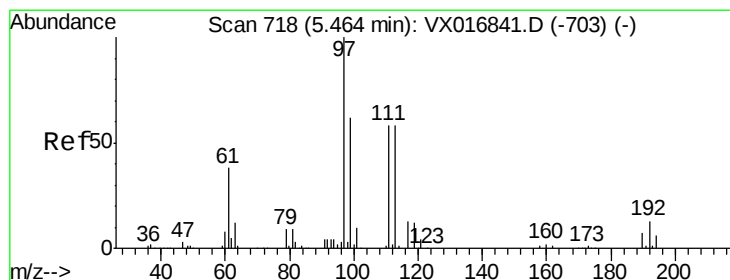
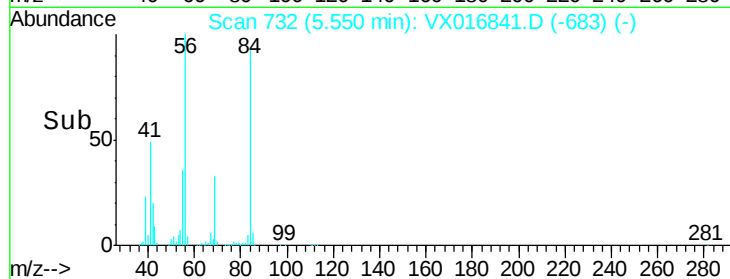
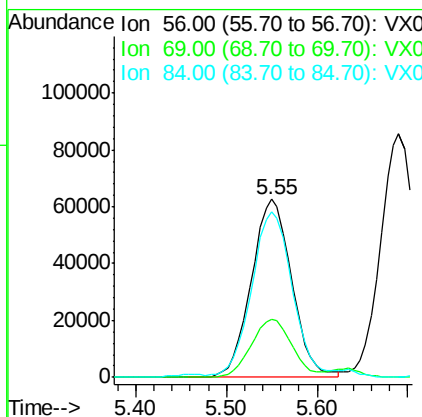
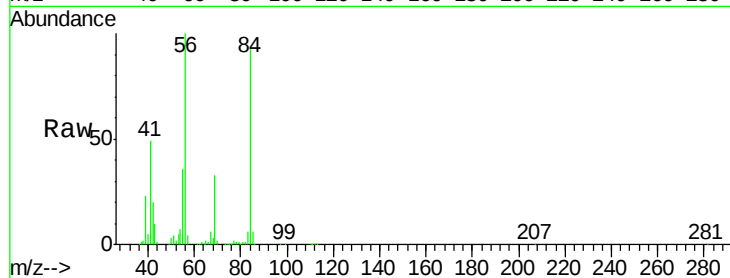
#31
Cyclohexane
Concen: 56.472 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	26.1	39.1
84	91.3	73.0	109.6

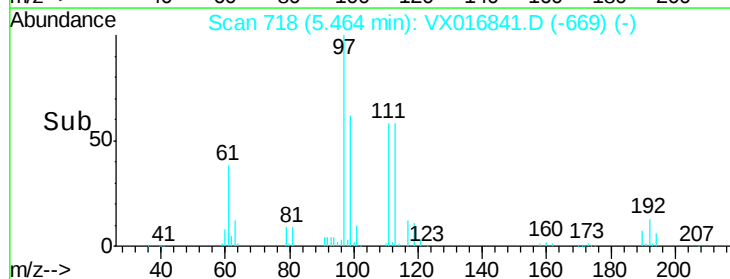
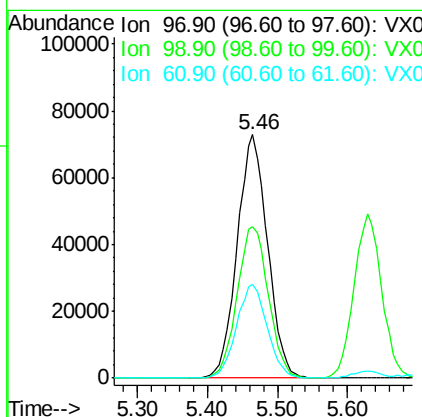
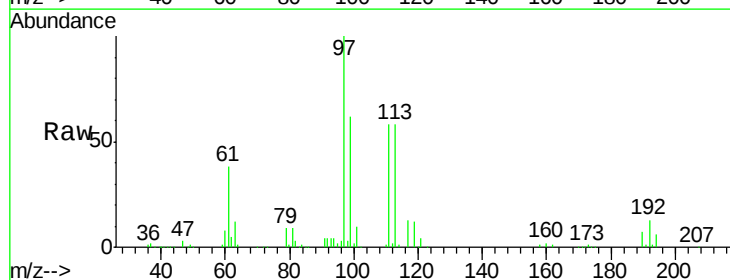
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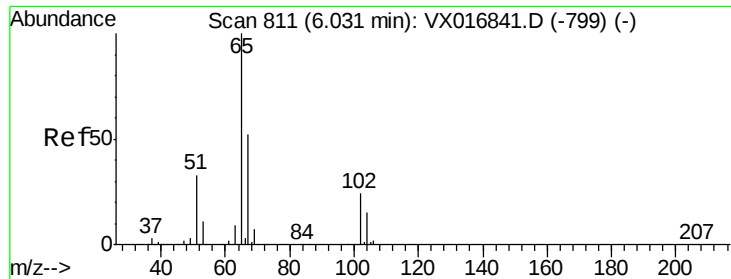
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#32
1,1,1-Trichloroethane
Concen: 50.201 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	39.1	31.3	46.9





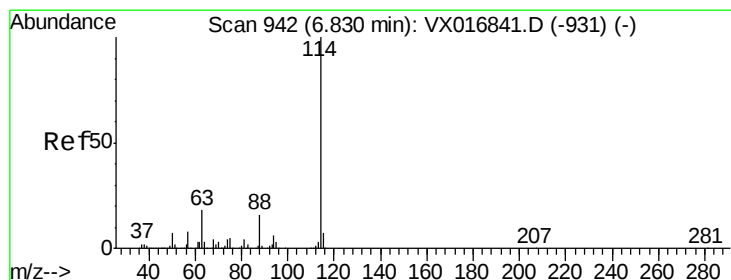
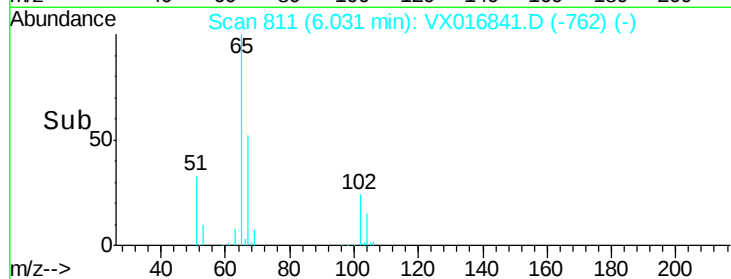
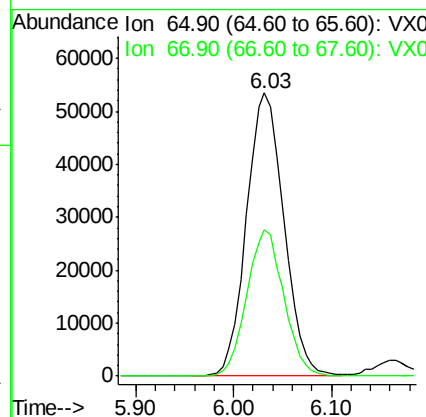
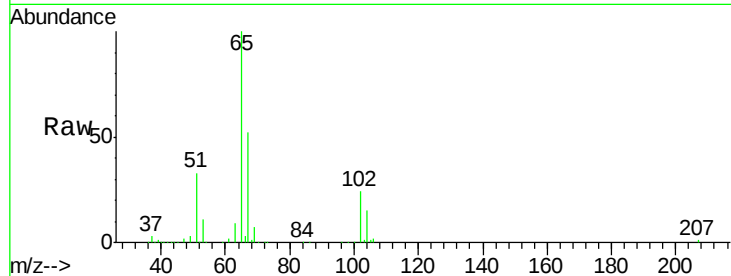
#33
 1,2-Dichloroethane-d4
 Concen: 47.133 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	141921		
67	51.3	0.0	102.6	

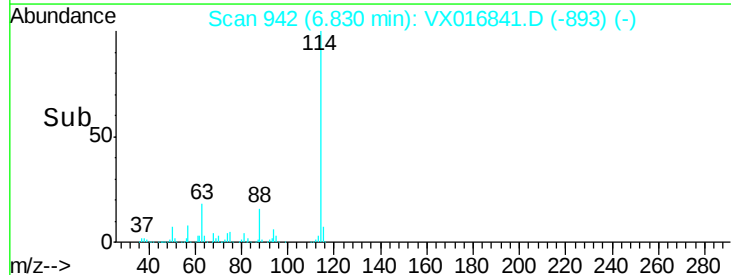
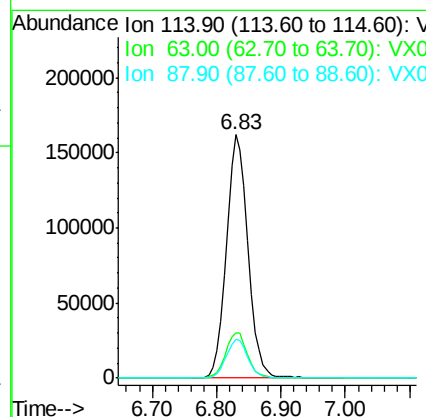
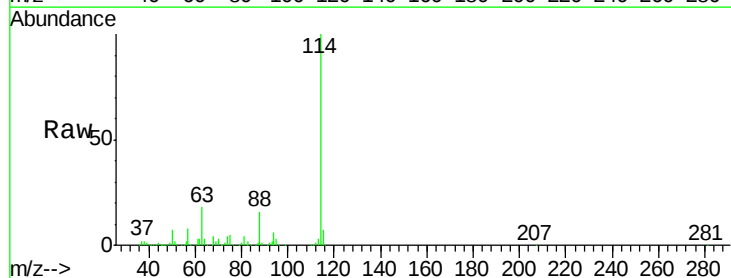
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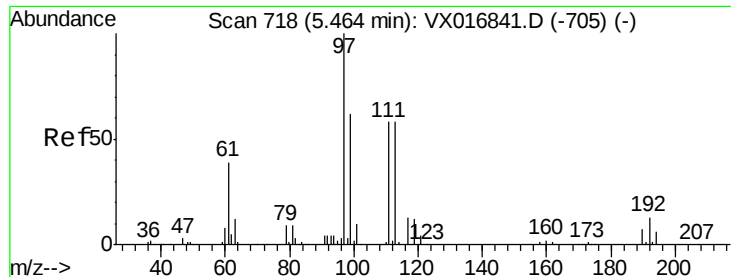
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	382904		
63	18.5	0.0	37.0	
88	16.0	0.0	32.0	





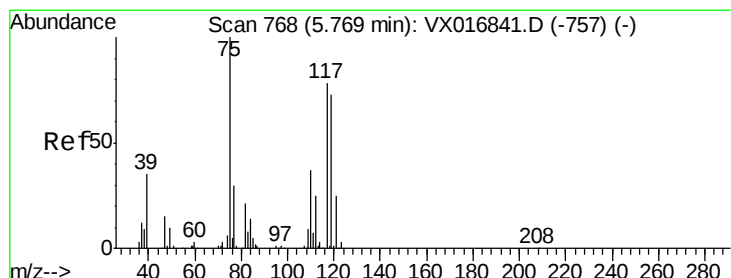
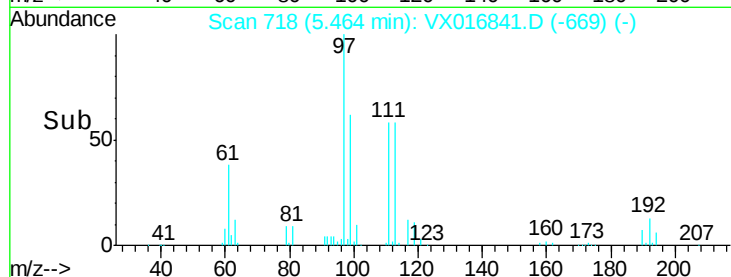
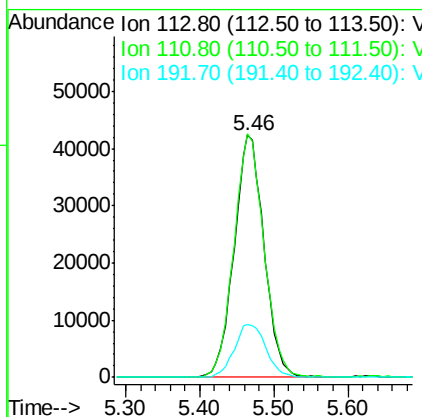
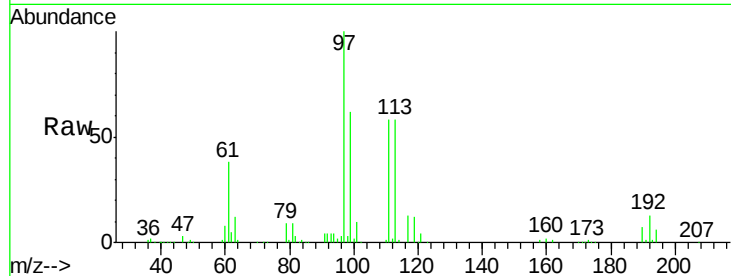
#35
 Dibromofluoromethane
 Concen: 50.041 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	118990		
111	101.2	81.0	121.4	
192	23.1	18.5	27.7	

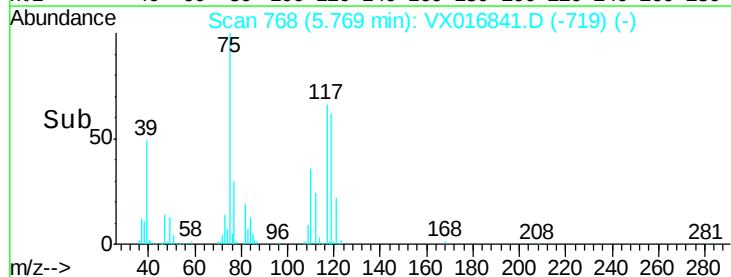
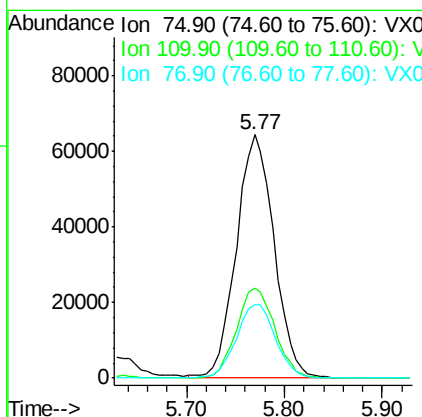
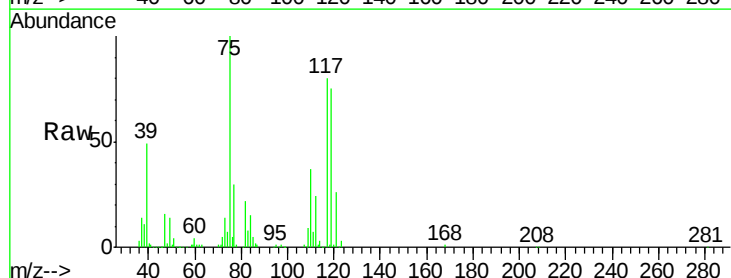
Manual Integrations
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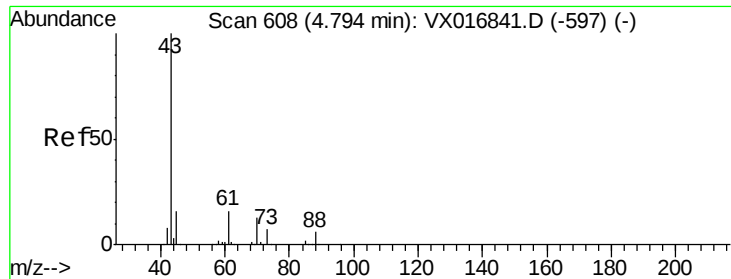
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#36
 1,1-Dichloropropene
 Concen: 50.686 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	171154		
110	37.9	18.9	56.9	
77	32.0	25.6	38.4	





#37

Ethyl Acetate

Concen: 43.172 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

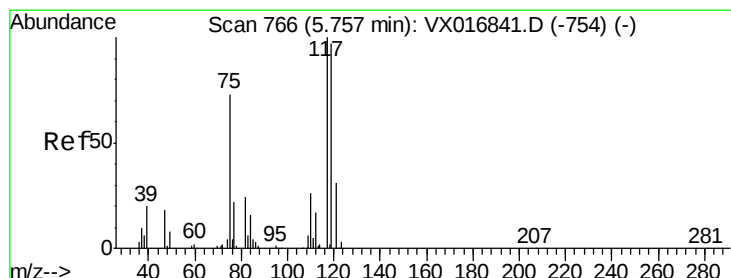
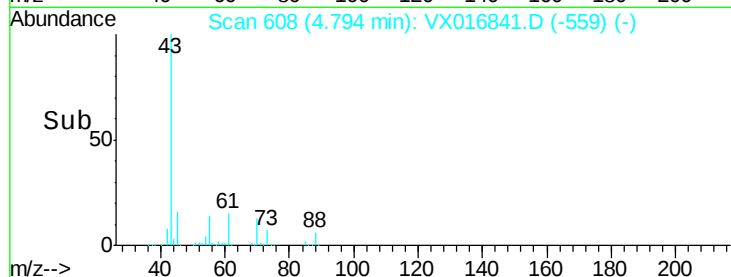
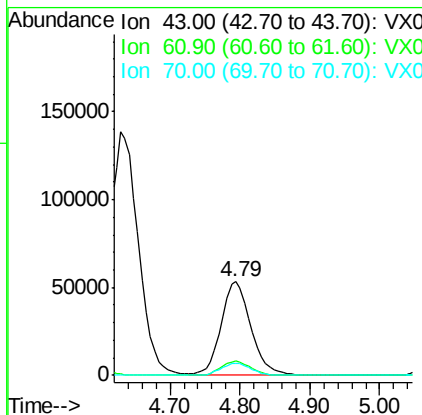
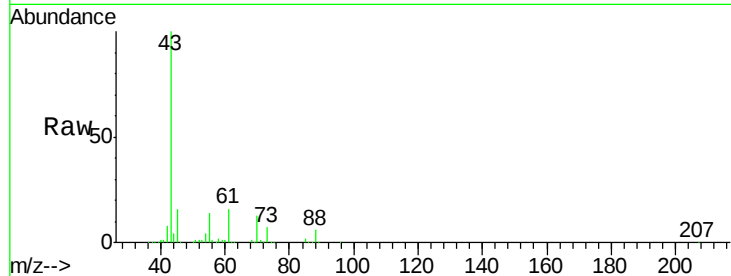
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	156545
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.2	18.2
70	13.1	10.5	15.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 51.282 ug/l

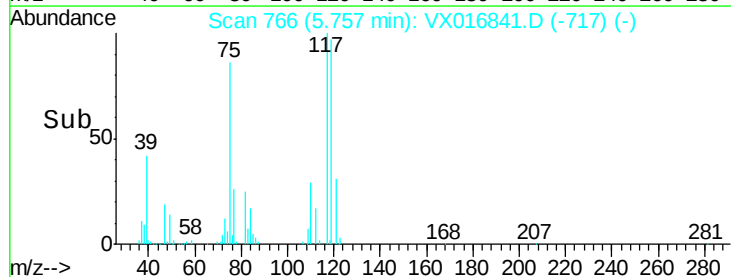
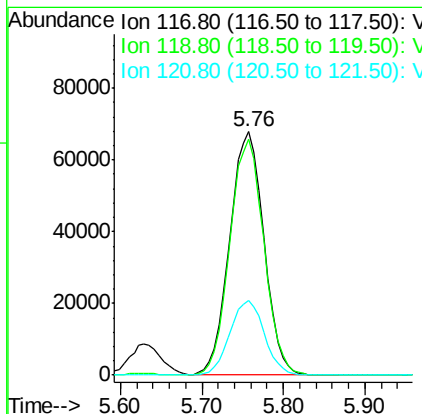
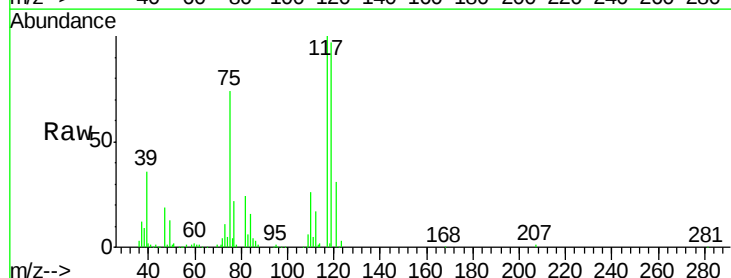
RT: 5.76 min Scan# 766

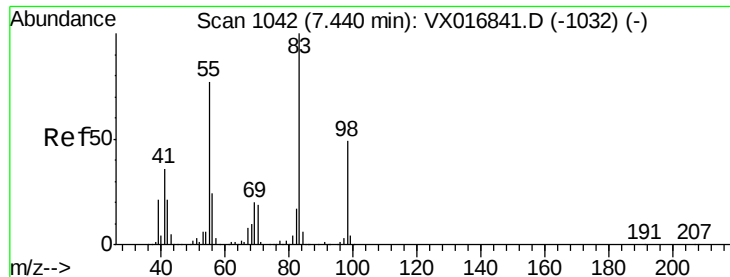
Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Tgt Ion:	117	Resp:	196649
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.2
121	30.9	24.7	37.1





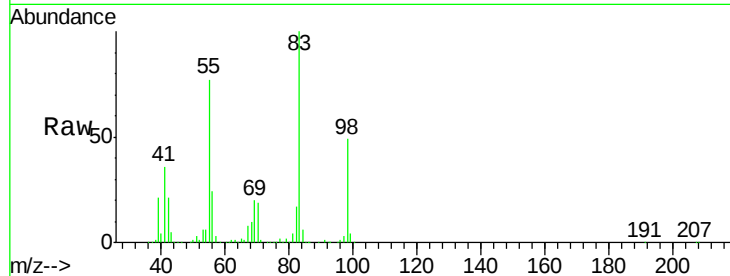
#39
Methvlcvclohexane
Concen: 60.417 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

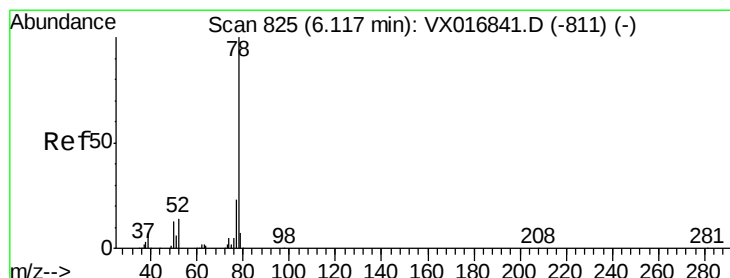
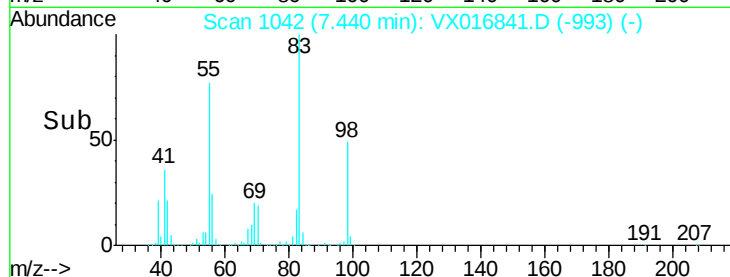
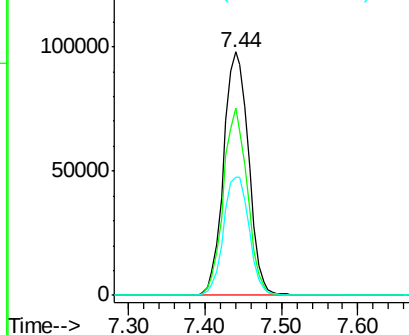
Tot Ion	Ratio	Resp	Lower	Upper
83	100	220947		
55	77.1		61.7	92.5
98	48.8		39.0	58.6

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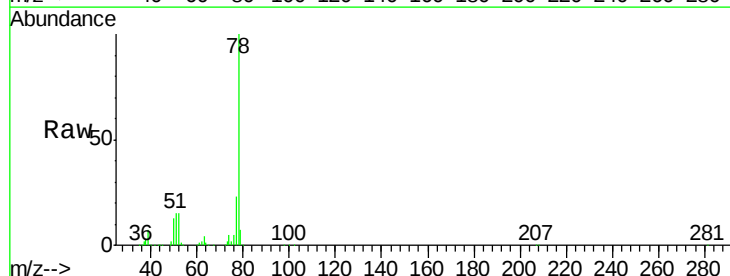


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

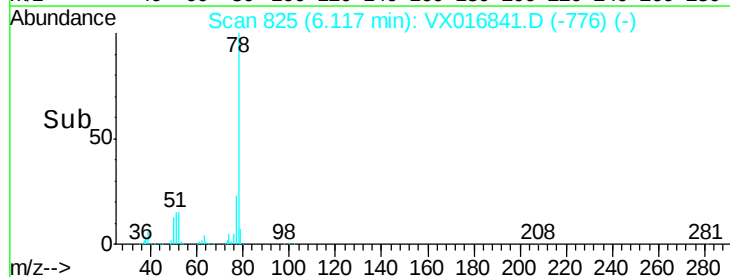
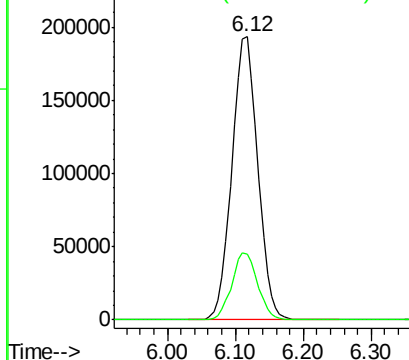


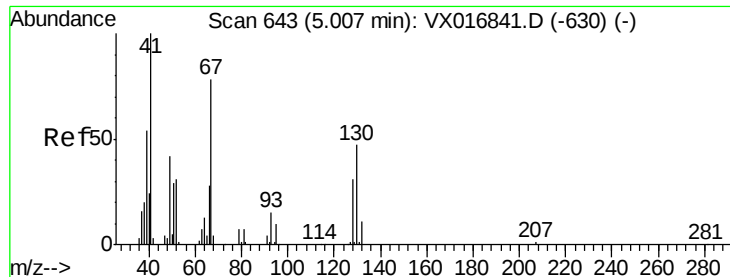
#40
Benzene
Concen: 49.643 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	511054		
77	23.2		18.6	27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 44.582 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

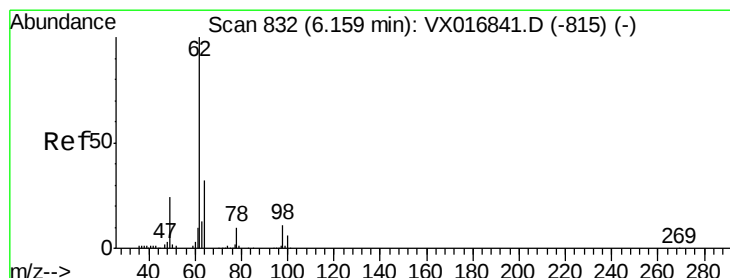
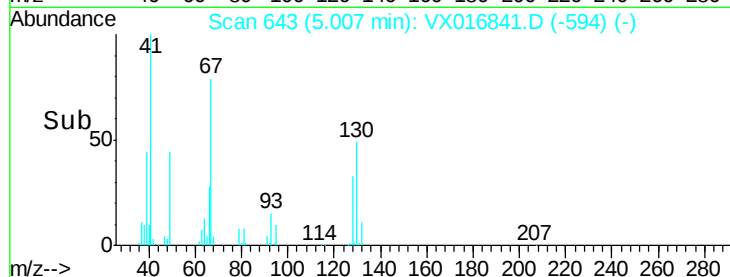
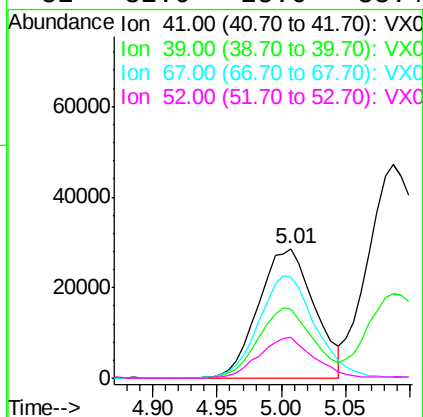
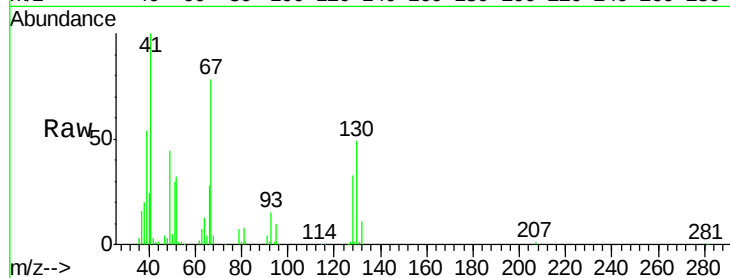
ClientSampleId :

VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	42.6	64.0	
67	80.2	64.2	96.2	
52	32.0	25.6	38.4	

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#42

1,2-Dichloroethane

Concen: 48.736 ug/l

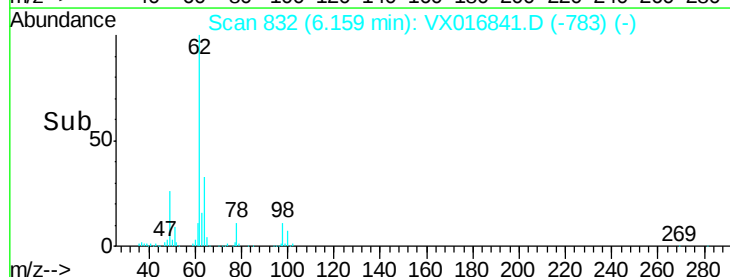
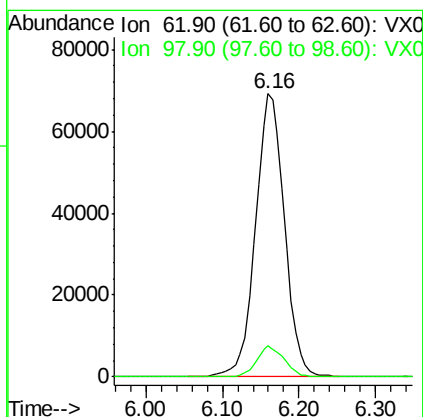
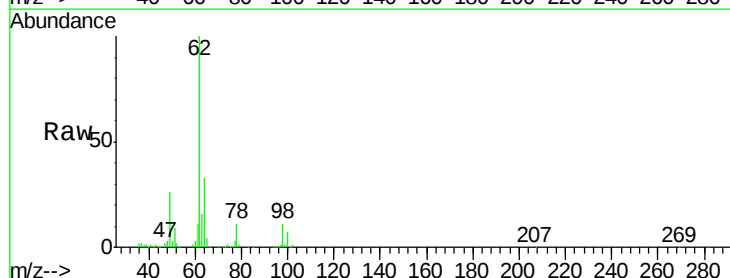
RT: 6.16 min Scan# 832

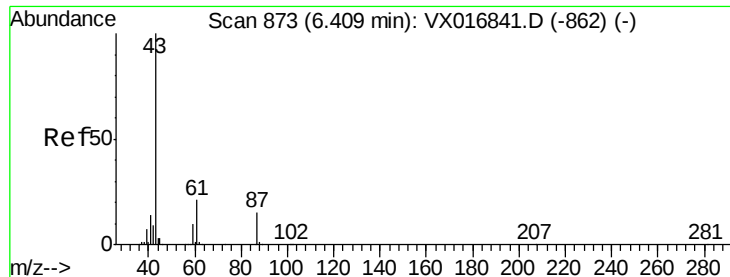
Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	20.8	





#43

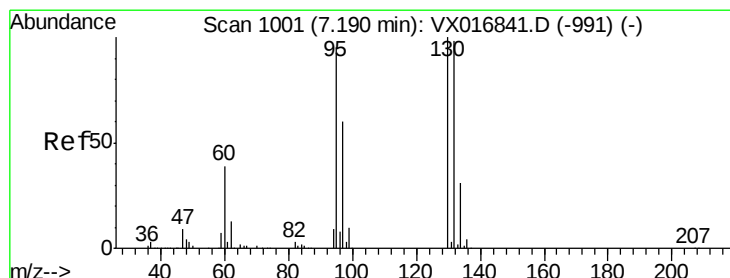
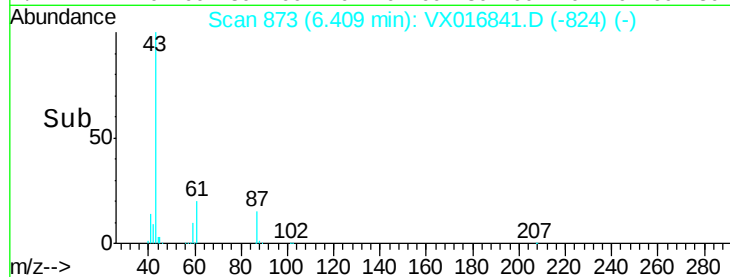
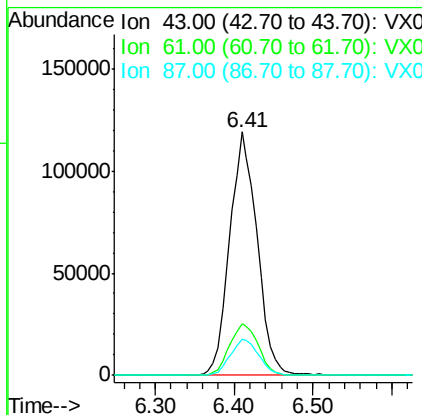
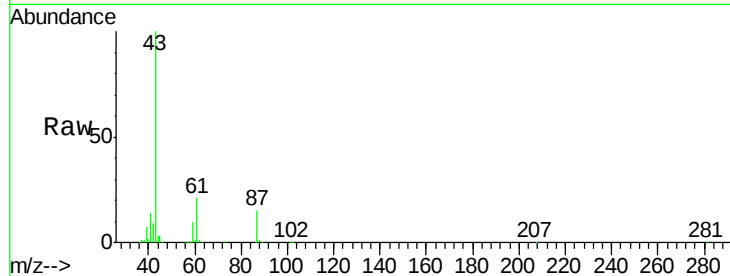
Isopropyl Acetate
 Concen: 49.473 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.9	26.9
87	15.5	12.4	18.6

Manual Integrations
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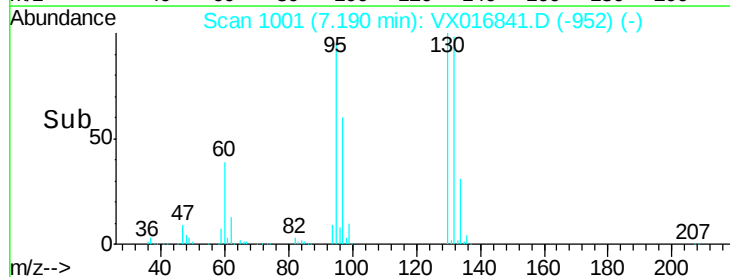
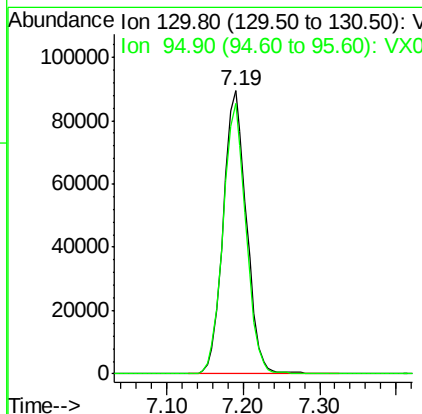
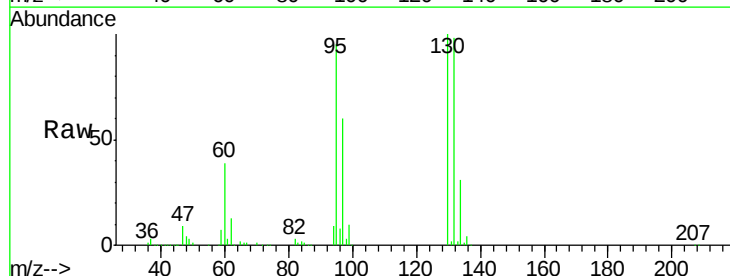
MMDadoda
 6/19/2020 12:49:41 PM

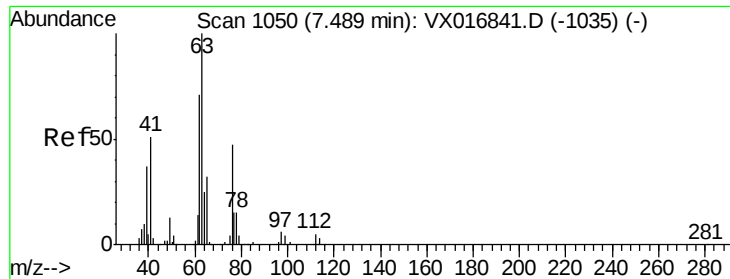


#44

Trichloroethene
 Concen: 57.135 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	190.8





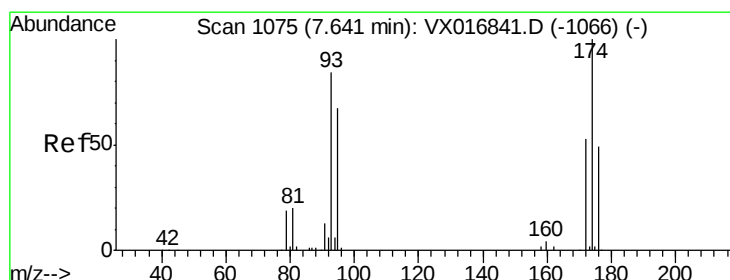
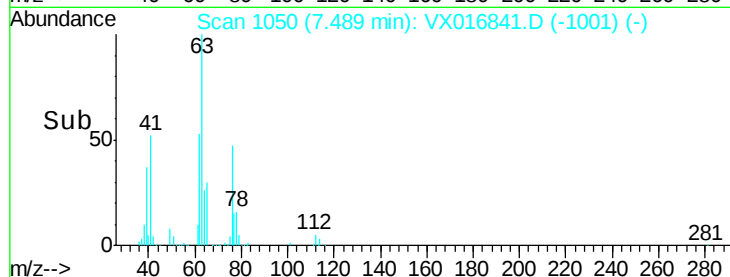
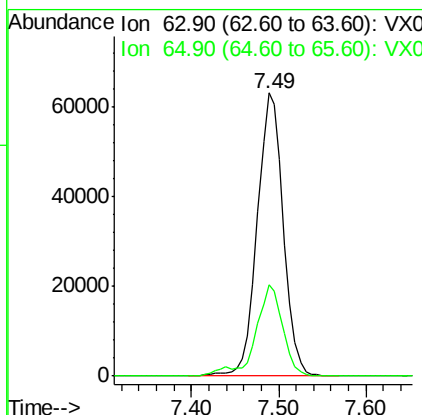
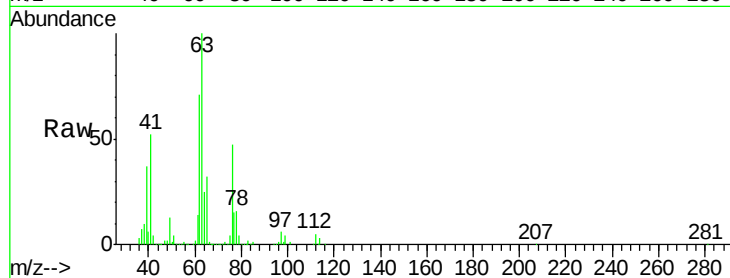
#45
 1,2-Dichloropropane
 Concen: 51.607 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.8

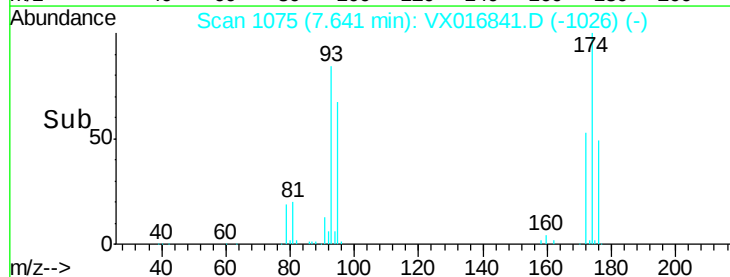
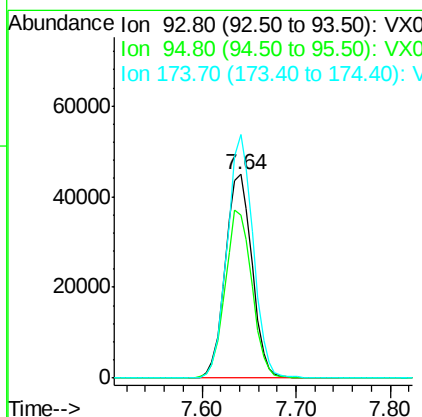
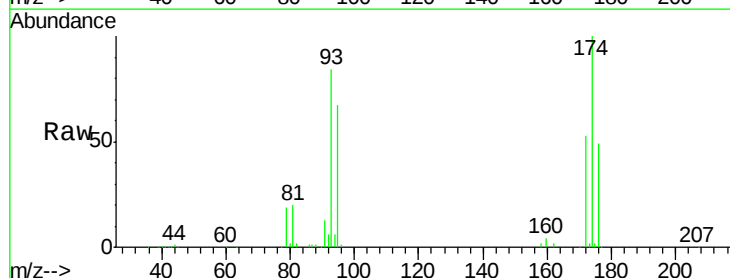
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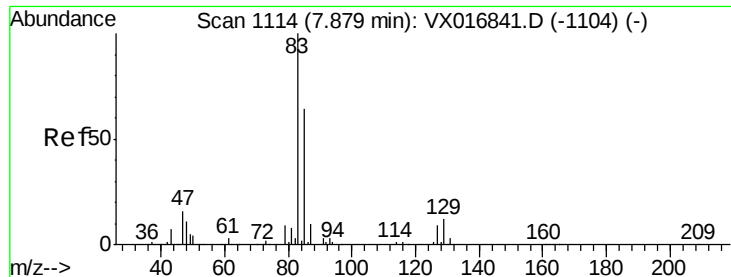
MMDadoda
 6/19/2020 12:49:41 PM



#46
 Dibromomethane
 Concen: 48.381 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	65.7	98.5
174	116.0	92.8	139.2





#47

Bromodichloromethane

Concen: 48.791 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

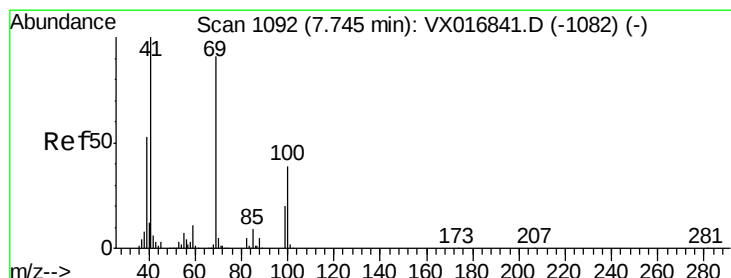
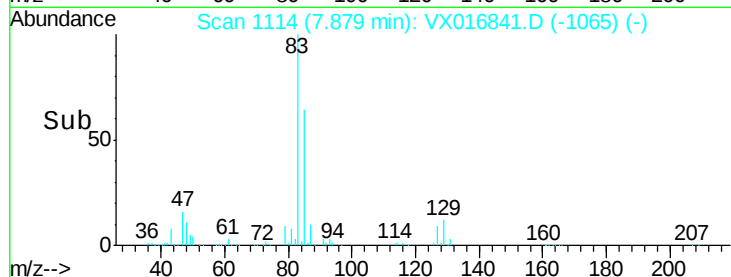
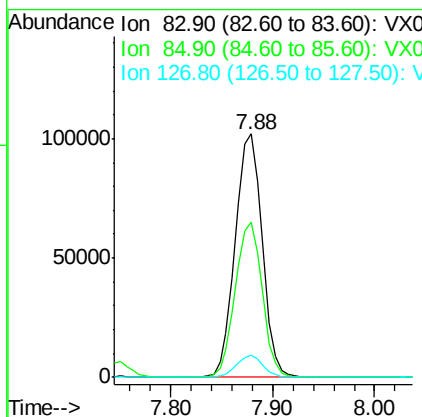
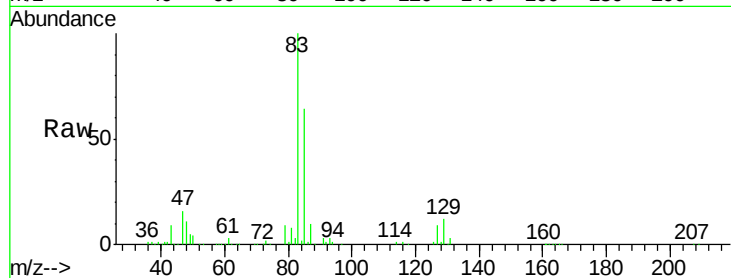
ClientSampleId :

VSTDICCC050

Tot Ion	83	Resp	186687
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.9	76.3
127	9.2	7.4	11.0

Manual Integrations
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6/19/2020 12:49:41 PM



#48

Methyl methacrylate

Concen: 47.348 ug/l

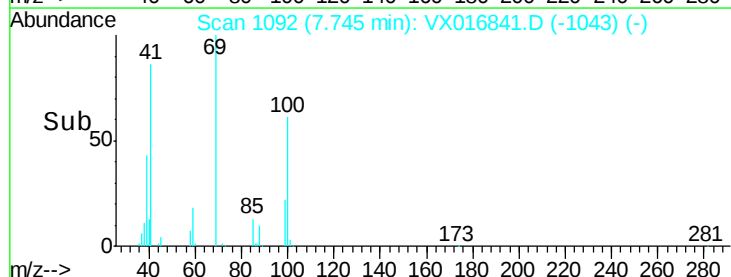
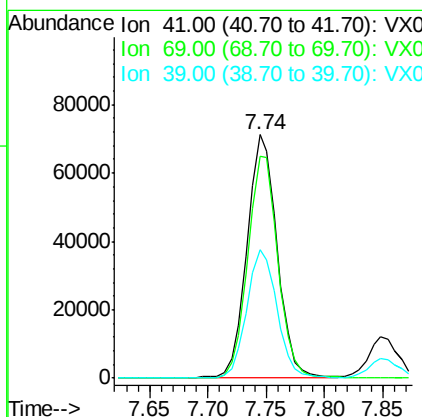
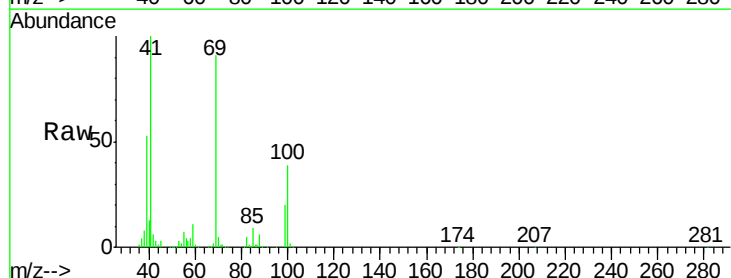
RT: 7.74 min Scan# 1092

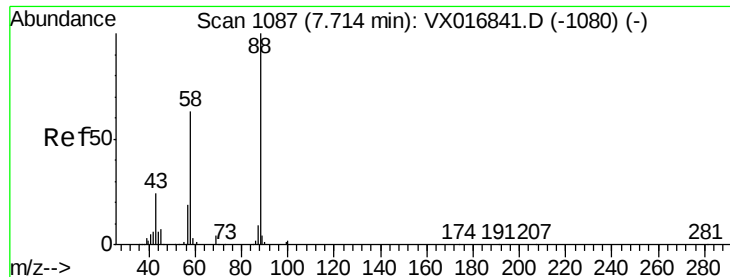
Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Tgt Ion	41	Resp	128874
Ion Ratio	Lower	Upper	
41	100		
69	91.6	73.3	109.9
39	53.0	42.4	63.6





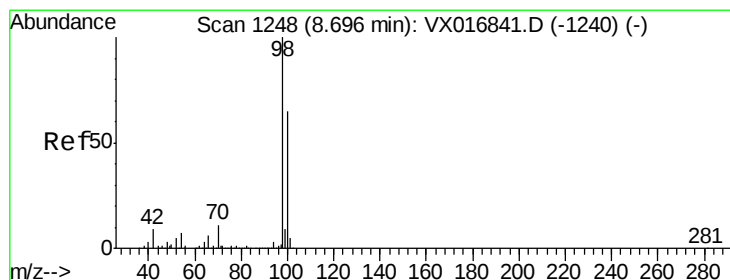
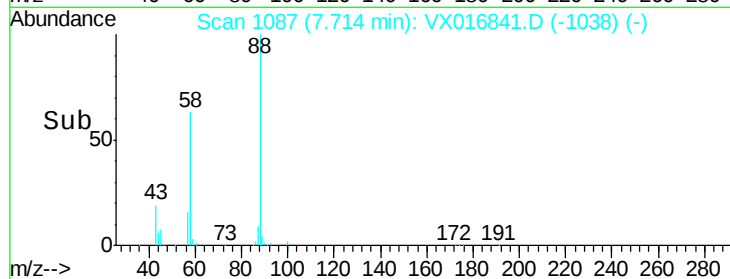
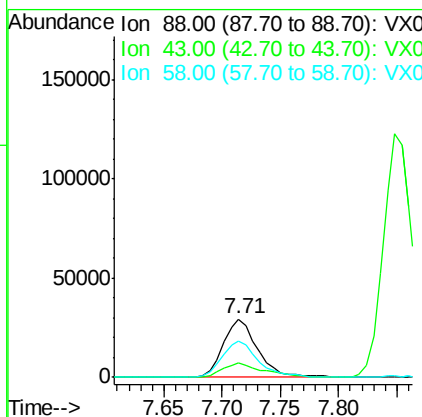
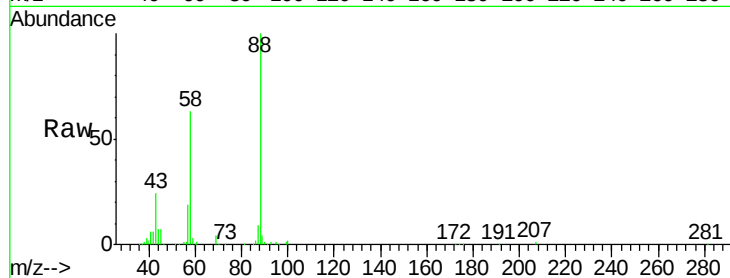
#49
1,4-Dioxane
Concen: 902.077 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.4	22.7	34.1
58	66.4	53.1	79.7

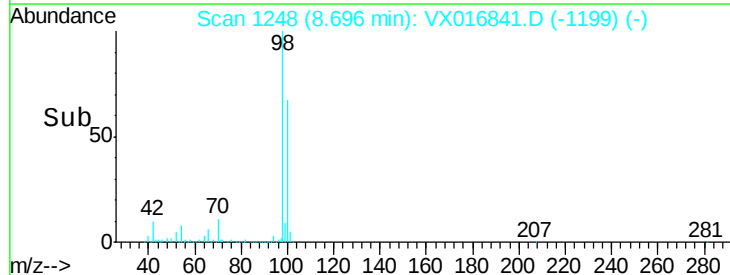
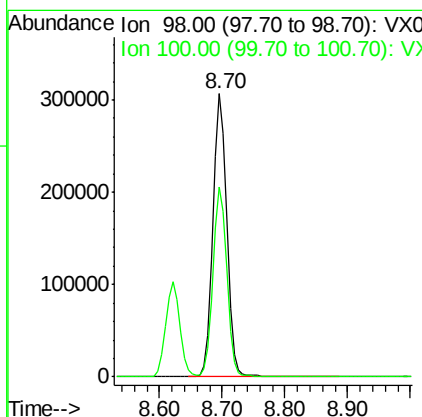
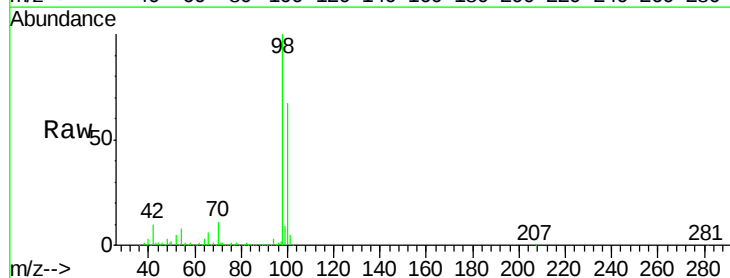
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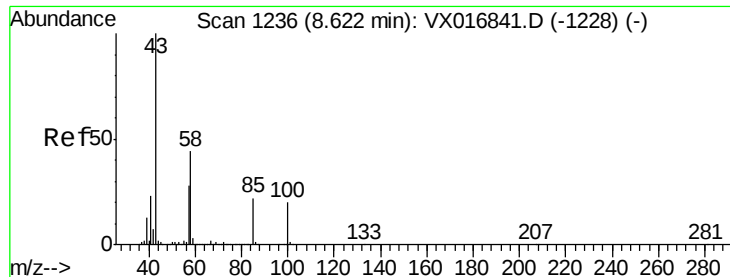
MMDadoda
6/19/2020 12:49:41 PM



#50
Toluene-d8
Concen: 53.300 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	54.0	81.0





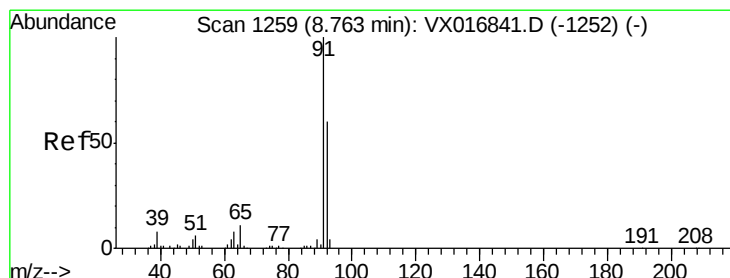
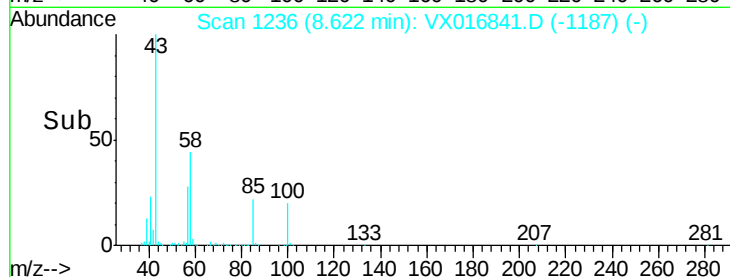
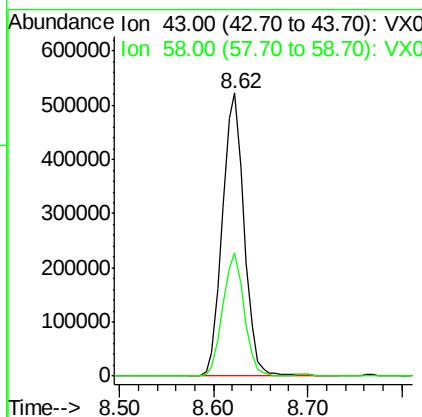
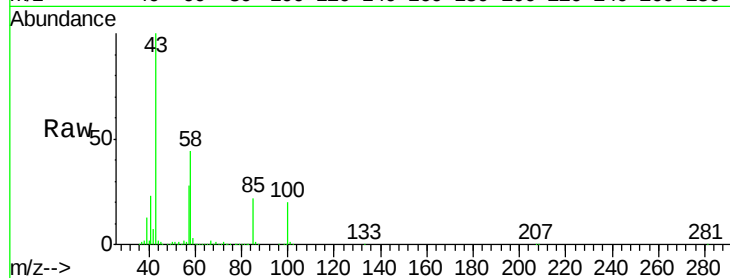
#51
4-Methyl-2-Pentanone
Concen: 236.872 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	42.9	34.3	51.5

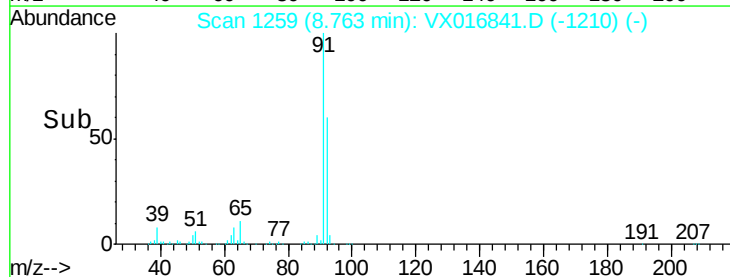
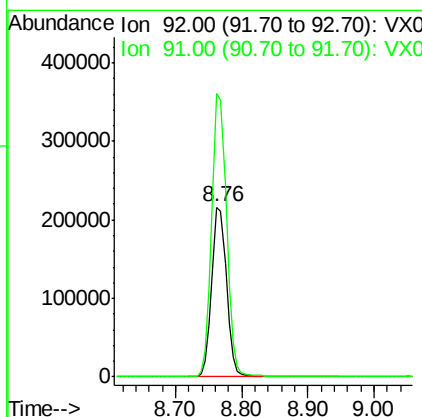
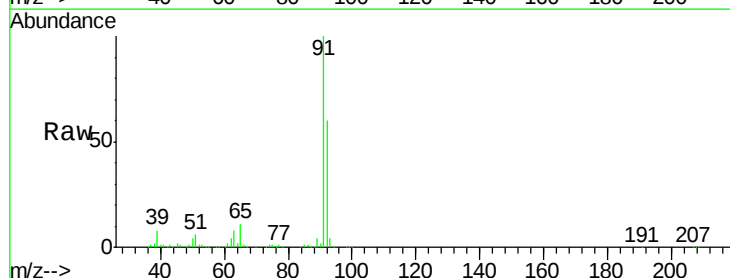
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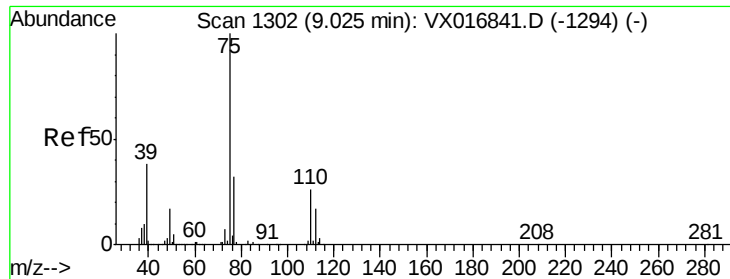
MMDadoda
6/19/2020 12:49:41 PM



#52
Toluene
Concen: 50.268 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.7	134.2	201.2





#53

t-1,3-Dichloropropene

Concen: 48.873 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 210668

Ion Ratio Lower Upper

75 100

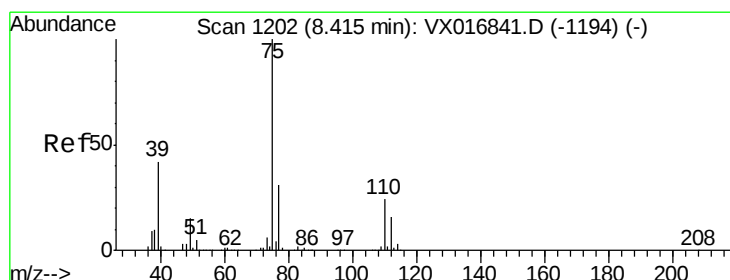
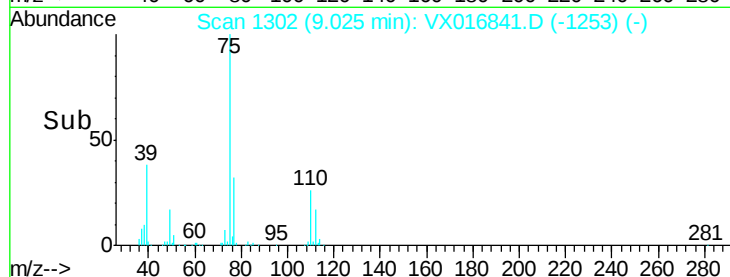
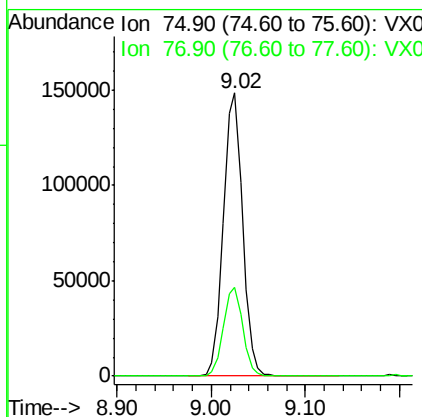
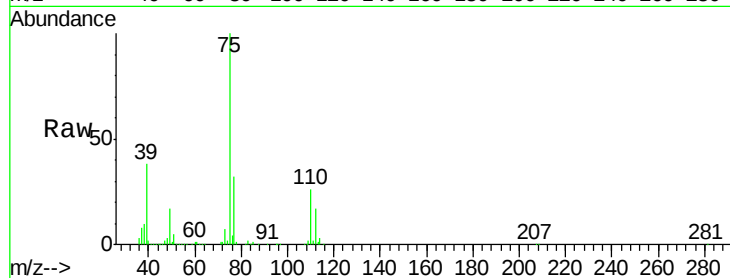
77 31.6 25.3 37.9

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.168 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

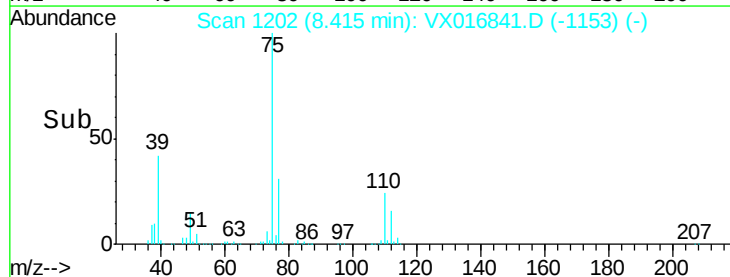
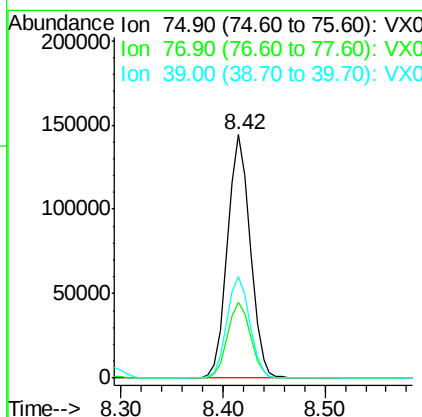
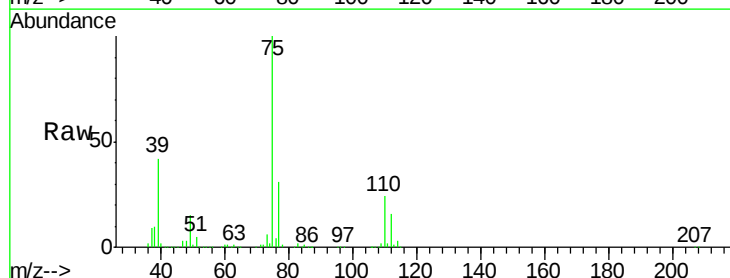
Tgt Ion: 75 Resp: 221908

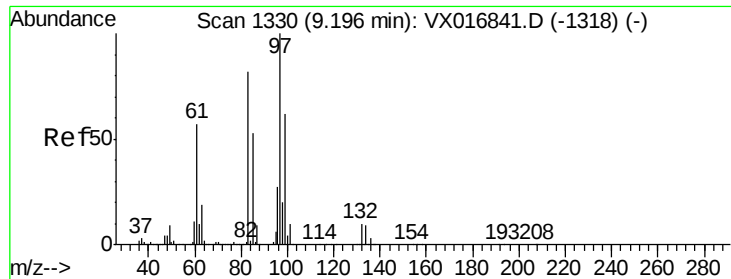
Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

39 41.7 33.4 50.0





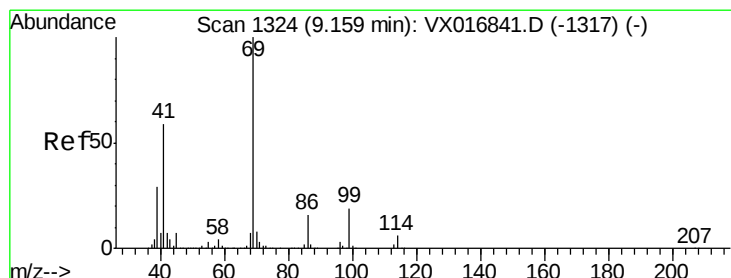
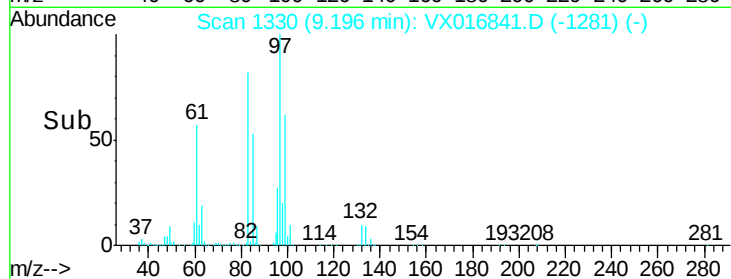
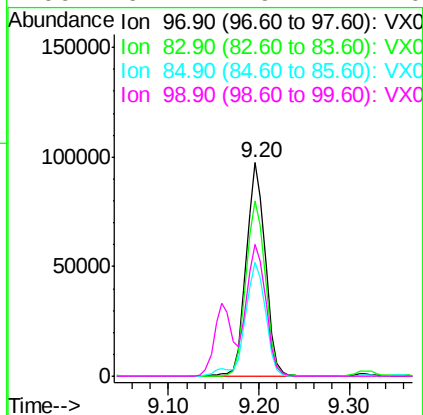
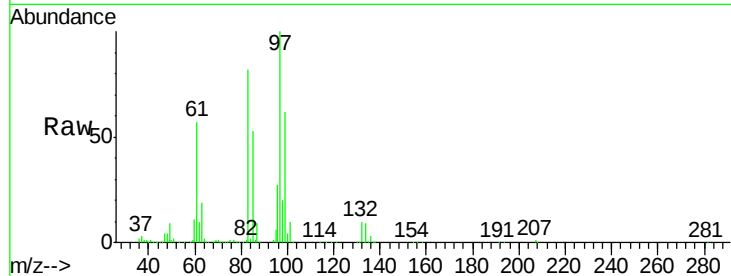
#55
 1,1,2-Trichloroethane
 Concen: 52.279 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	81.9	65.5	98.3		
85	53.2	42.6	63.8		
99	61.7	49.4	74.0		

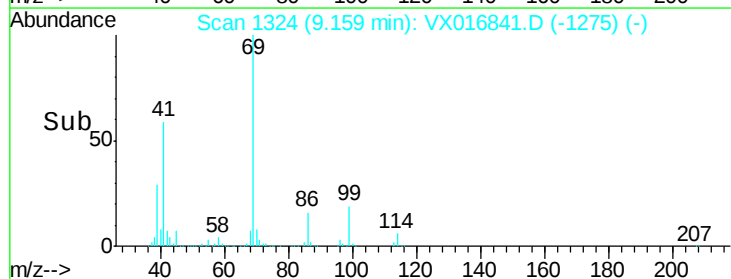
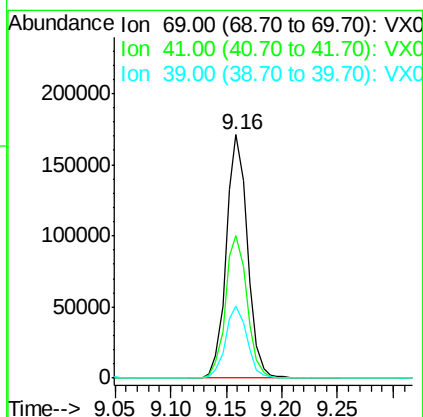
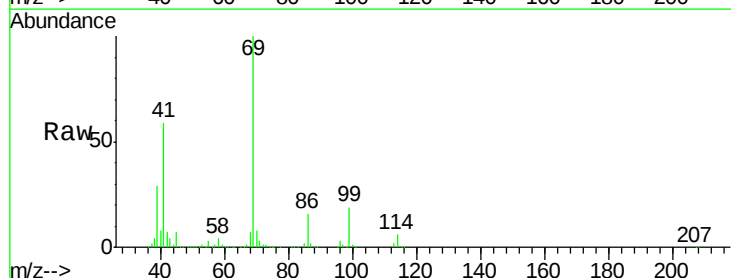
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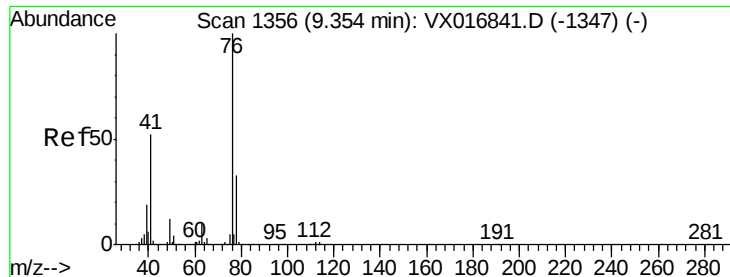
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#56
 Ethyl methacrylate
 Concen: 55.100 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	59.9	47.9	71.9		
39	30.3	24.2	36.4		





#57

1,3-Dichloropropane

Concen: 52.186 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 239174

Ion Ratio Lower Upper

76 100

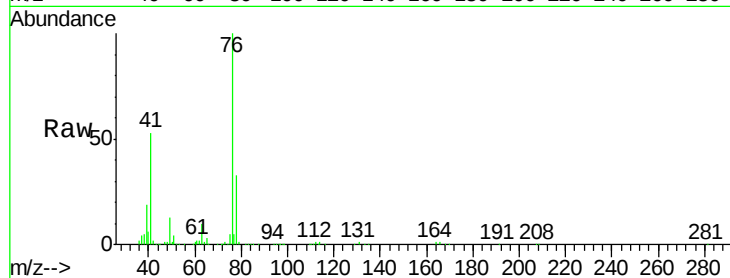
78 32.2 25.8 38.6

Manual Integrations

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6/19/2020 12:49:41 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

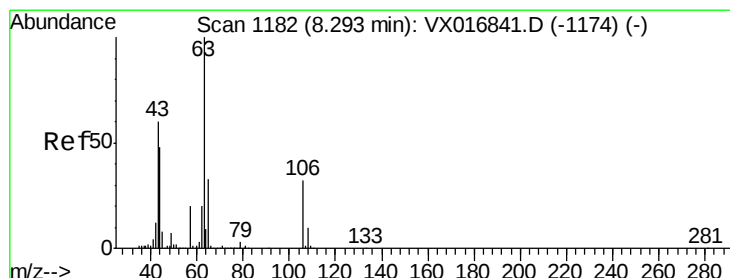
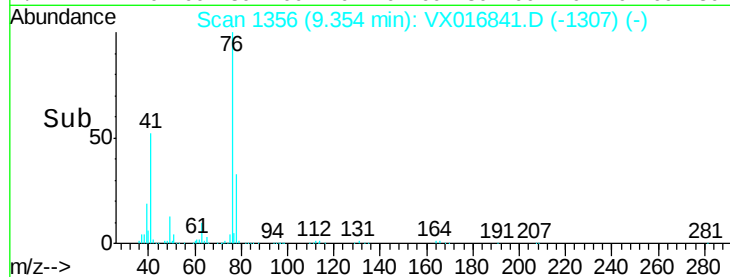
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 251.820 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016841.D

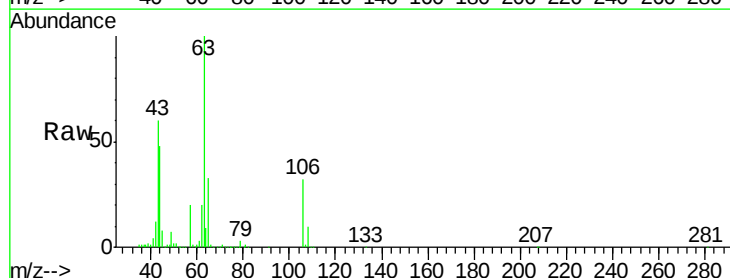
Acq: 18 Jun 2020 11:47

Tgt Ion: 63 Resp: 494047

Ion Ratio Lower Upper

63 100

106 32.2 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

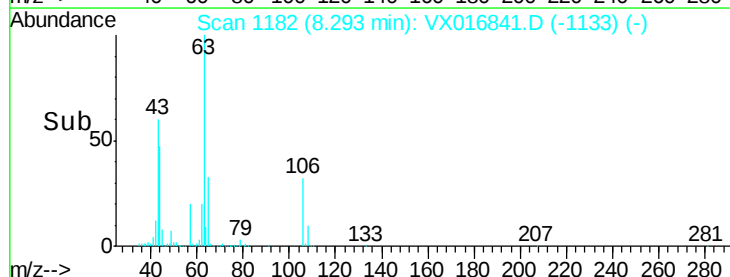
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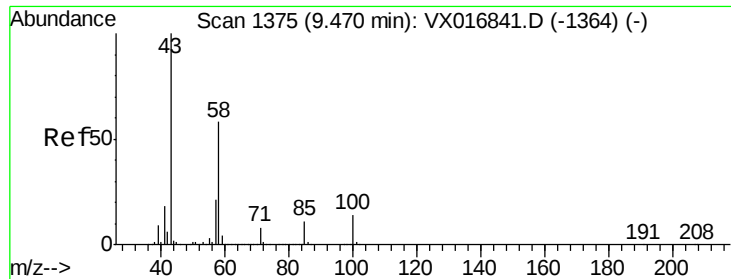
200000

100000

0

Time-->





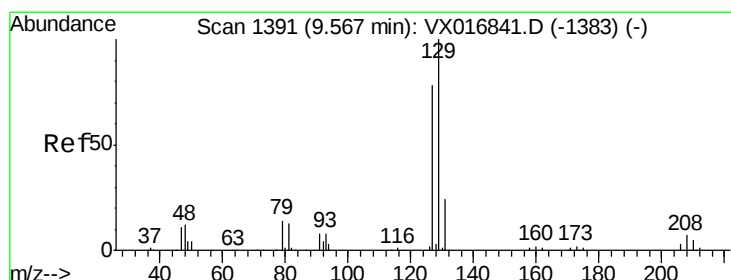
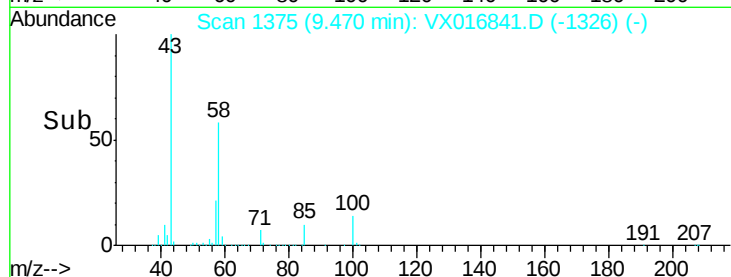
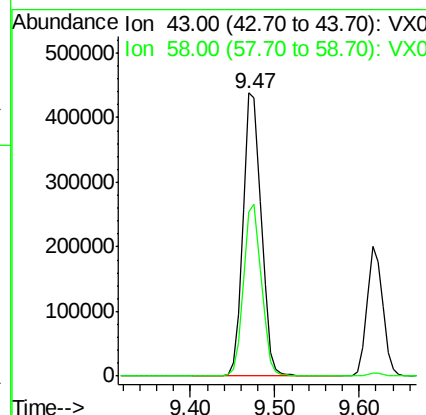
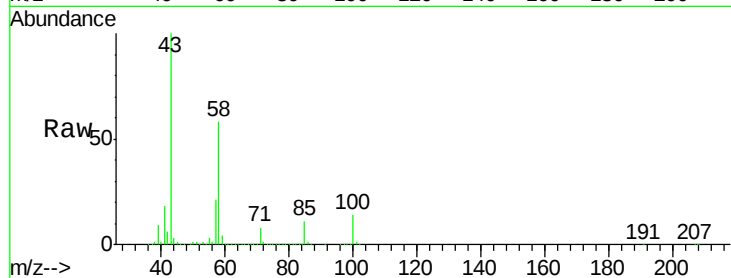
#59
2-Hexanone
Concen: 232.874 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.6	29.8	89.4

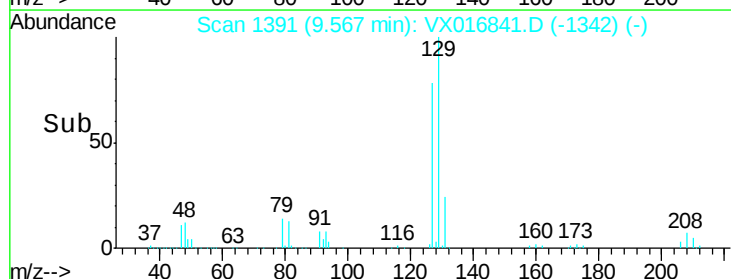
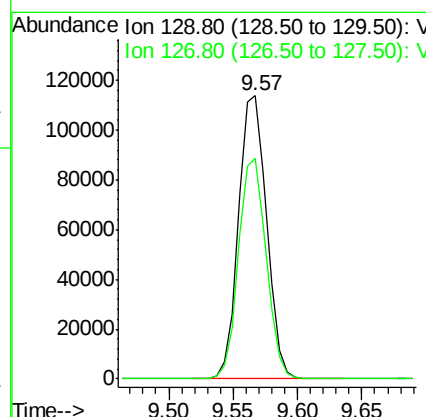
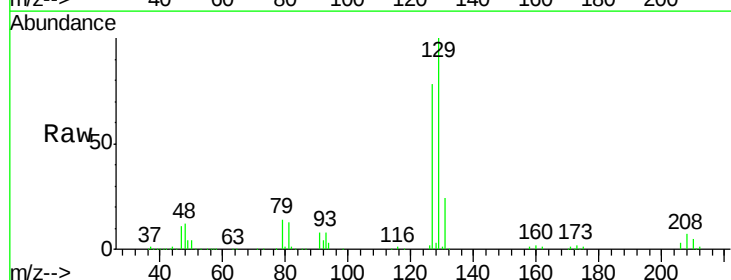
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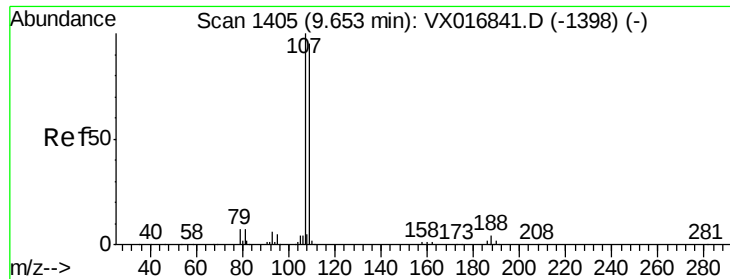
MMDadoda
6/19/2020 12:49:41 PM



#60
Dibromochloromethane
Concen: 53.713 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.5	115.5





#61

1,2-Dibromoethane

Concen: 50.201 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 147136

Ion Ratio Lower Upper

107 100

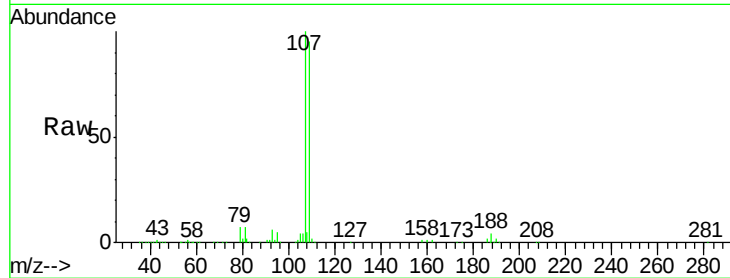
109 94.2 75.4 113.0

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

9.65

120000

100000

80000

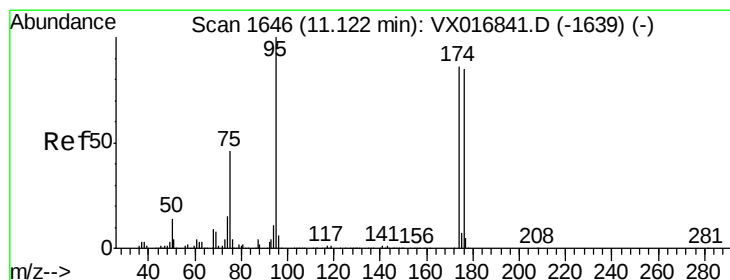
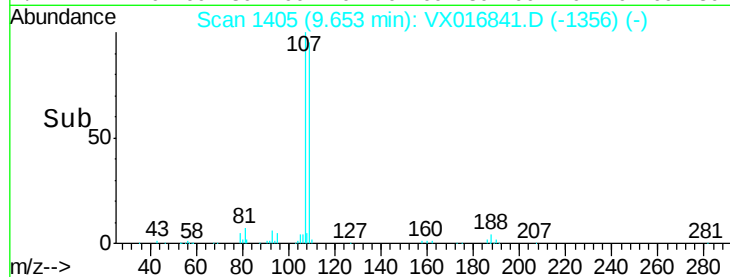
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.964 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

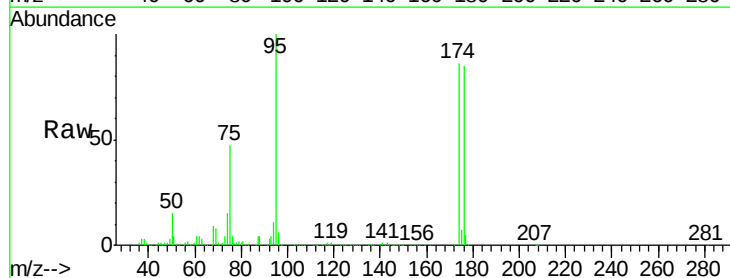
Tgt Ion: 95 Resp: 175096

Ion Ratio Lower Upper

95 100

174 87.1 0.0 174.2

176 85.0 0.0 170.0



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

200000

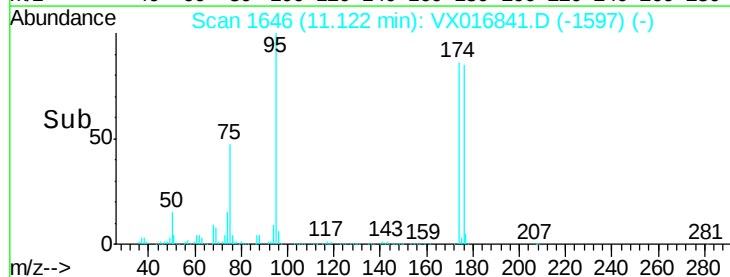
150000

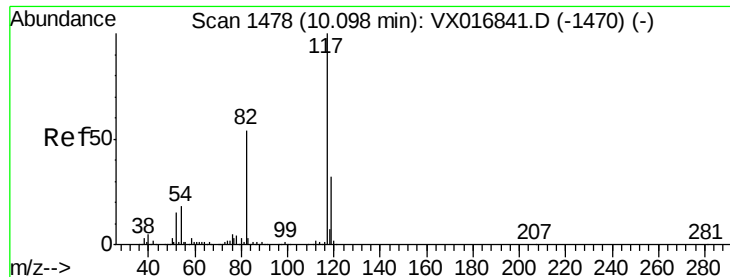
100000

50000

0

Time-->





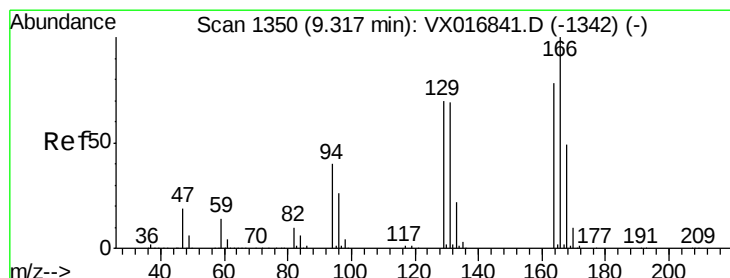
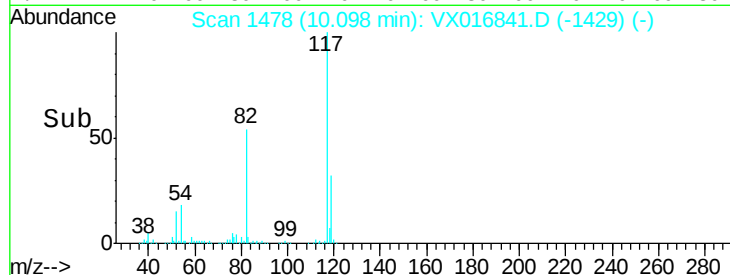
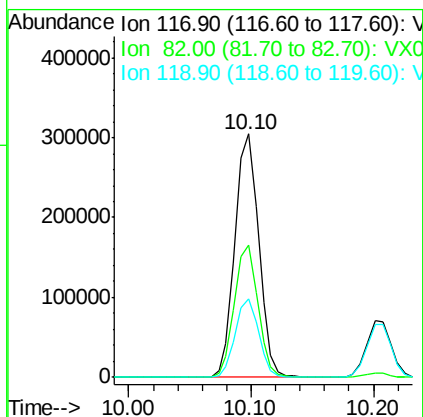
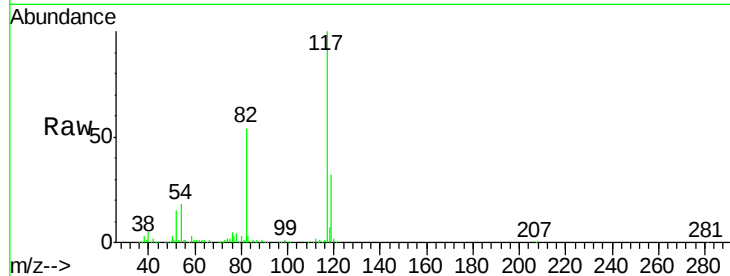
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.4	65.0
119	32.1	25.7	38.5

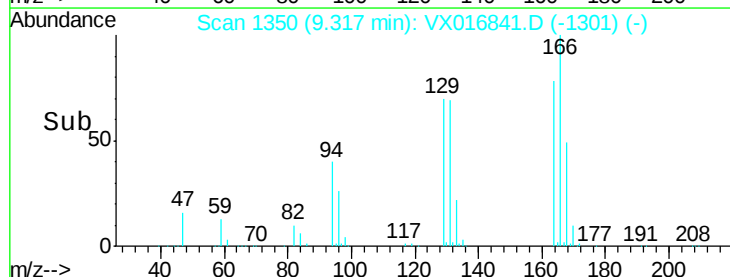
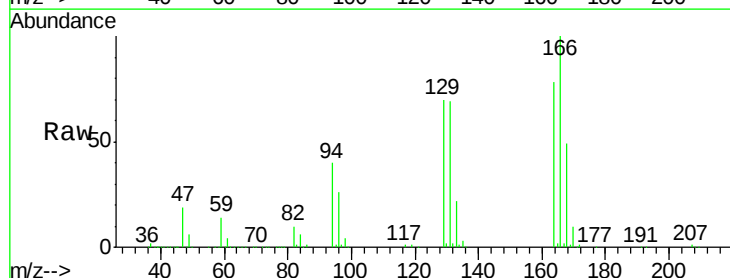
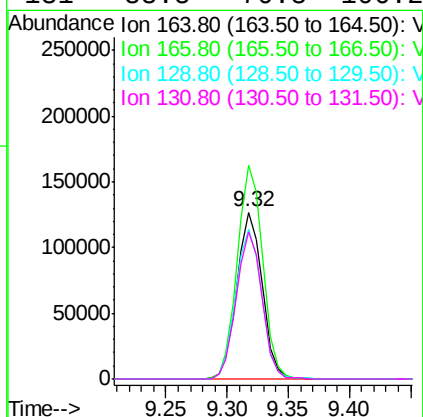
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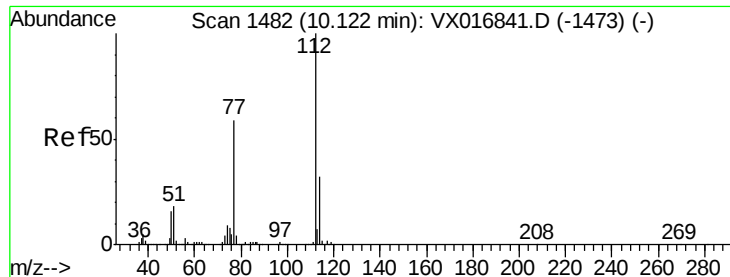
MMDadoda
6/19/2020 12:49:41 PM



#64
Tetrachloroethene
Concen: 46.557 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.6	153.8
129	90.2	72.2	108.2
131	88.5	70.8	106.2





#65

Chlorobenzene

Concen: 48.694 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 405322

Ion Ratio Lower Upper

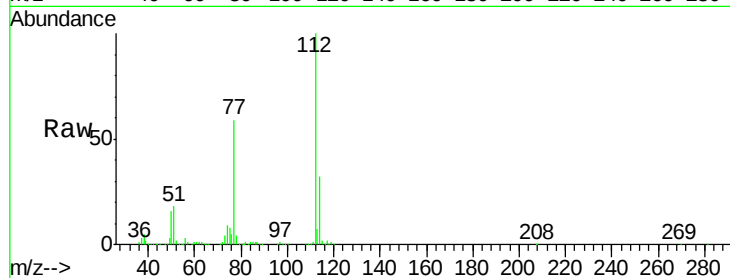
112 100

114 31.9 25.5 38.3

Manual Integrations
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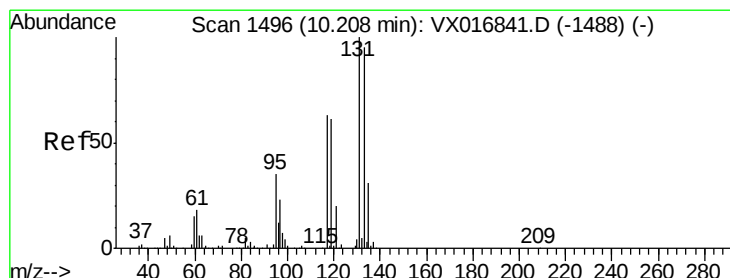
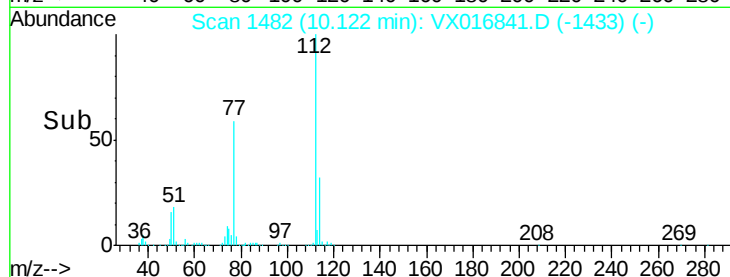
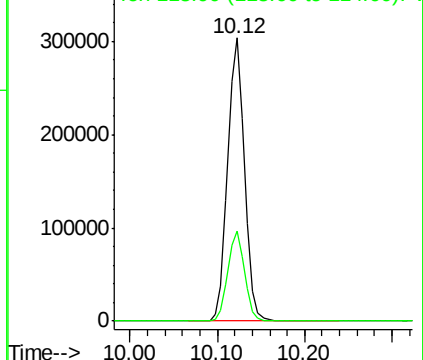
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 46.266 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

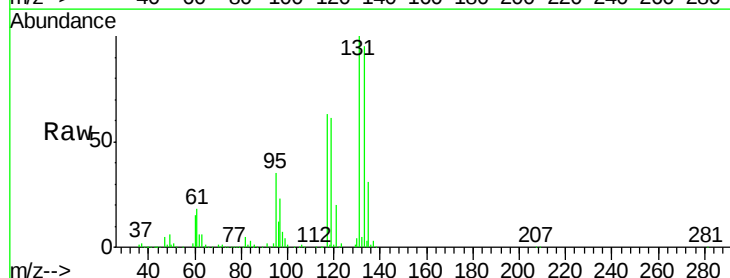
Tgt Ion:131 Resp: 151856

Ion Ratio Lower Upper

131 100

133 95.4 47.7 143.1

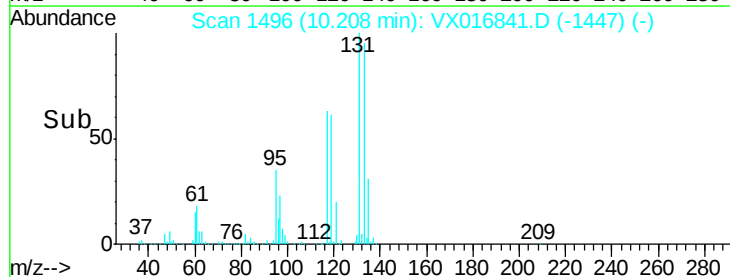
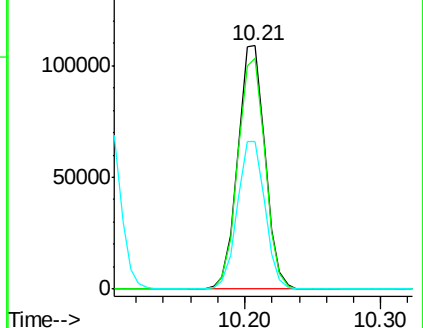
119 61.6 30.8 92.4

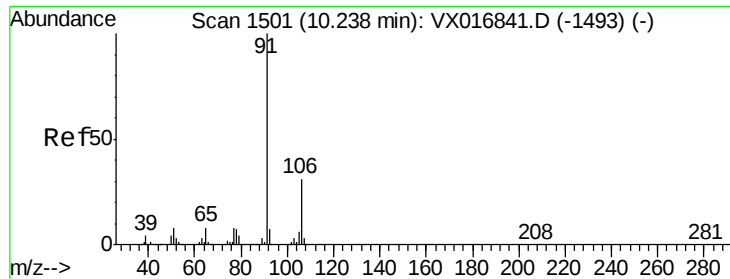


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.954 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 668598

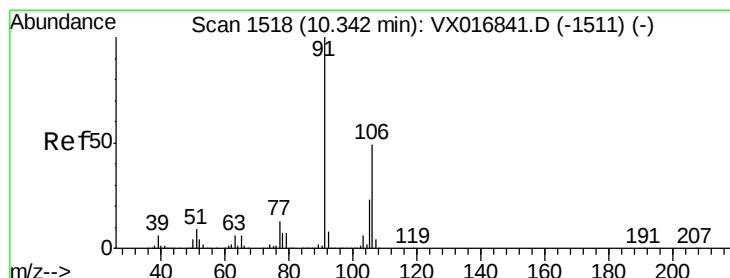
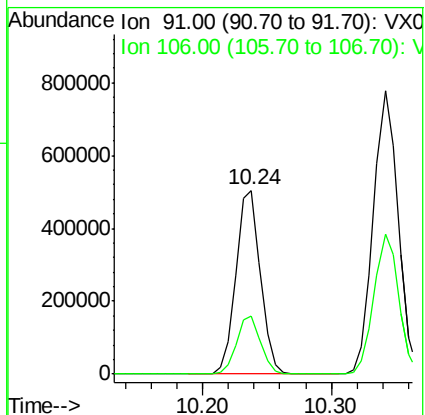
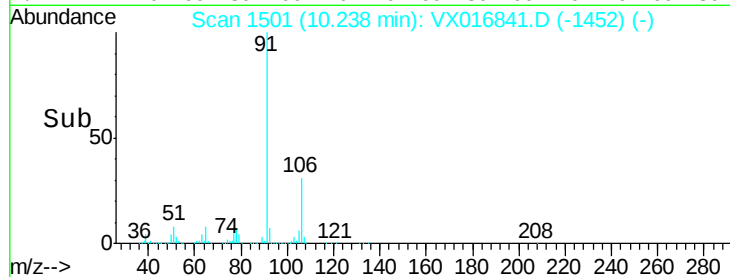
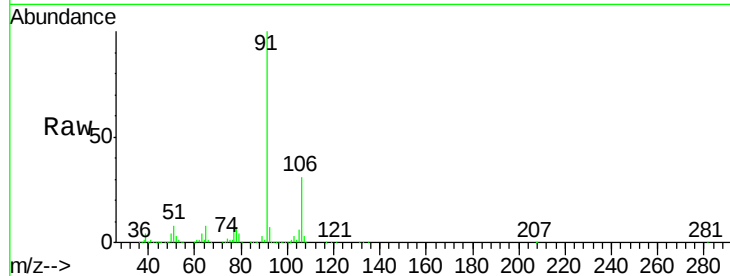
Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7

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#68

m/p-Xylenes

Concen: 96.518 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016841.D

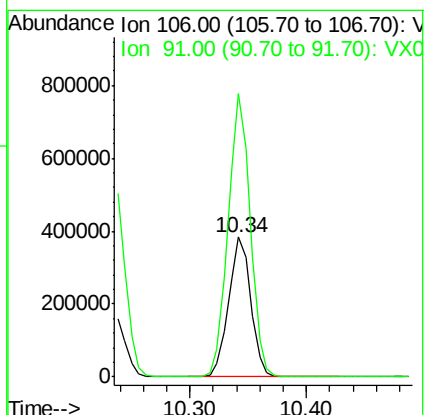
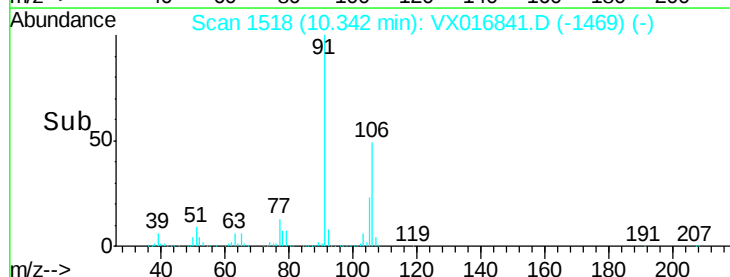
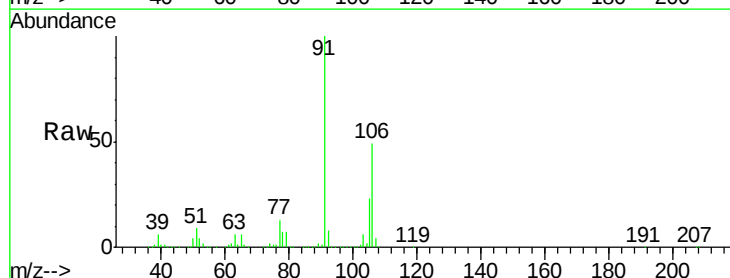
Acq: 18 Jun 2020 11:47

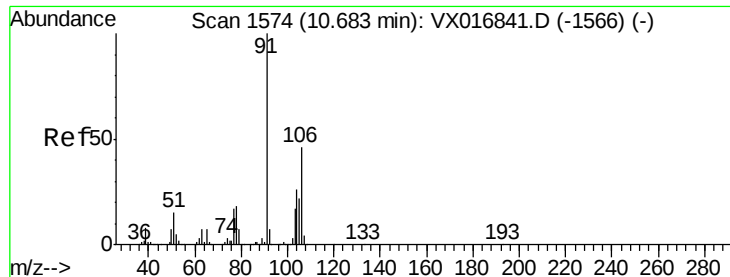
Tgt Ion: 106 Resp: 508460

Ion Ratio Lower Upper

106 100

91 201.9 161.5 242.3





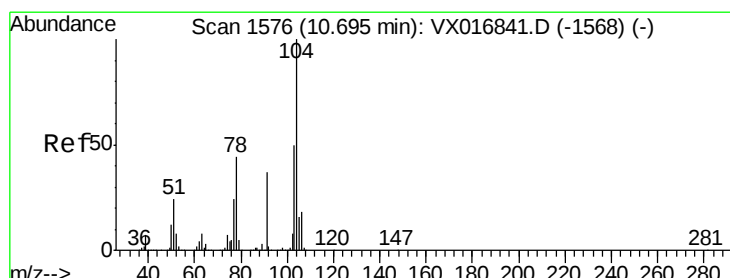
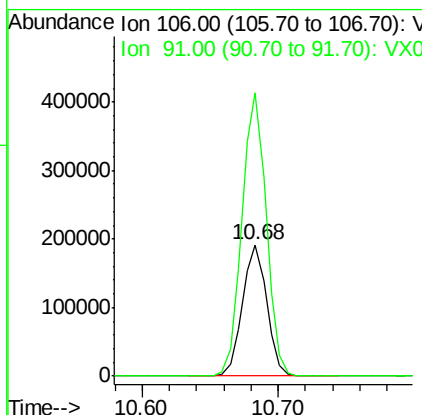
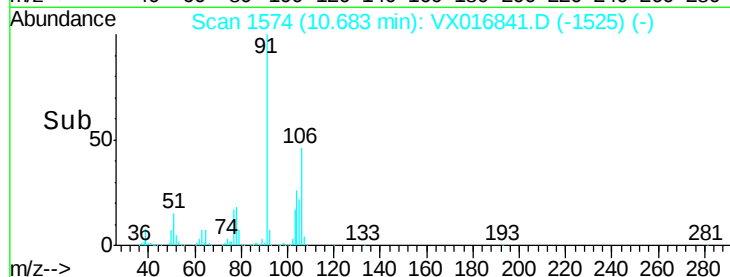
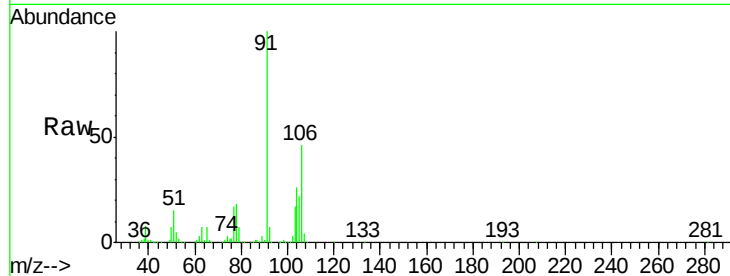
#69
o-Xylene
Concen: 47.272 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.8	107.9	323.7

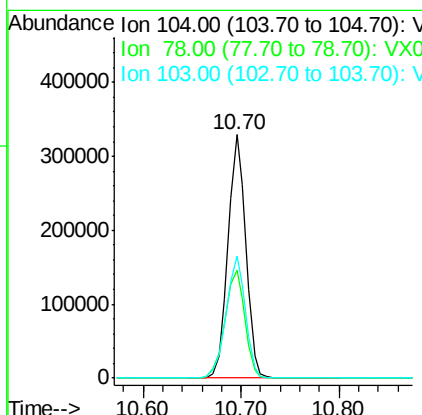
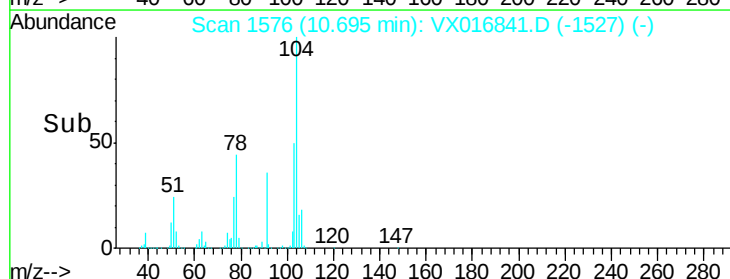
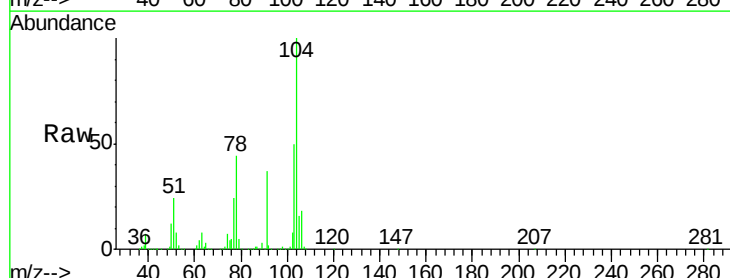
Manual Integrations
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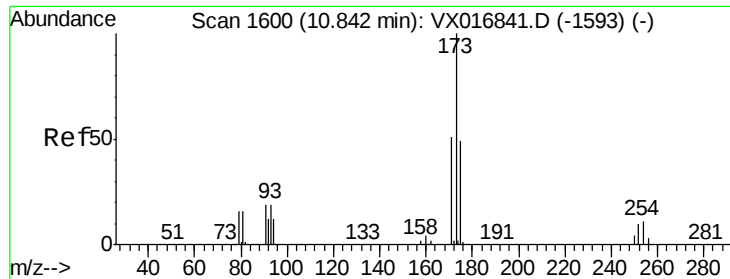
MMDadoda
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#70
Styrene
Concen: 47.709 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.5	39.6	59.4
103	54.1	43.3	64.9





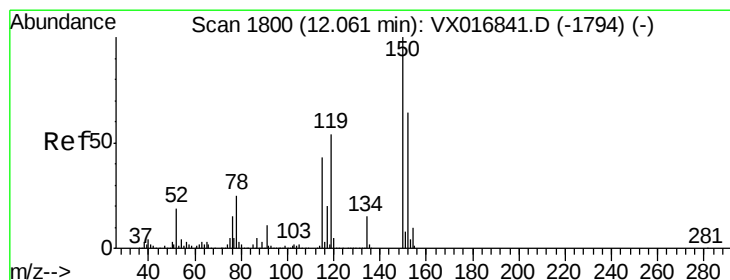
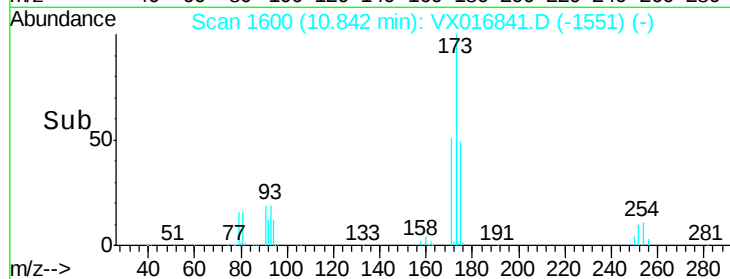
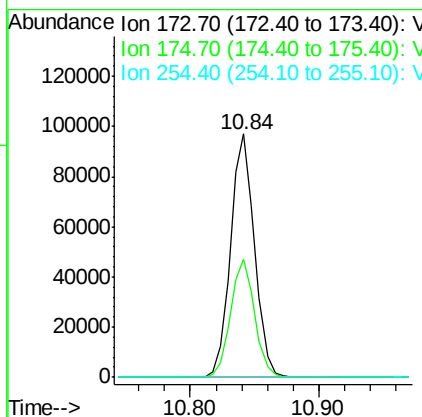
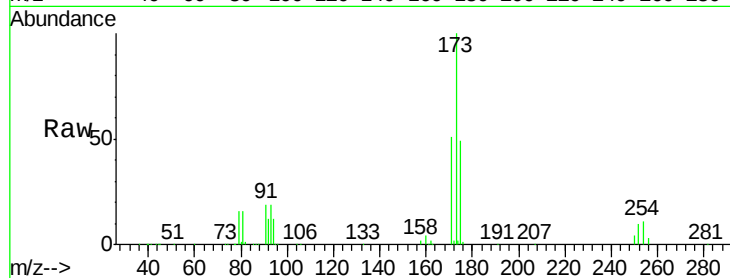
#71
Bromoform
Concen: 45.120 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	73.0
254	0.1	0.1	0.1

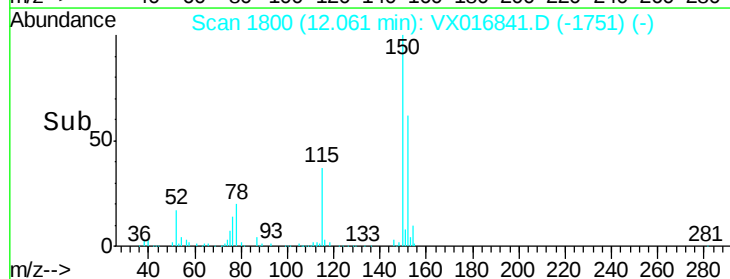
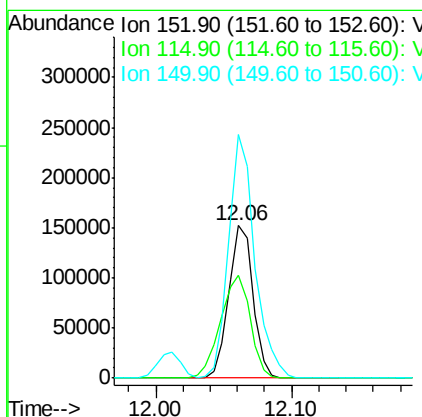
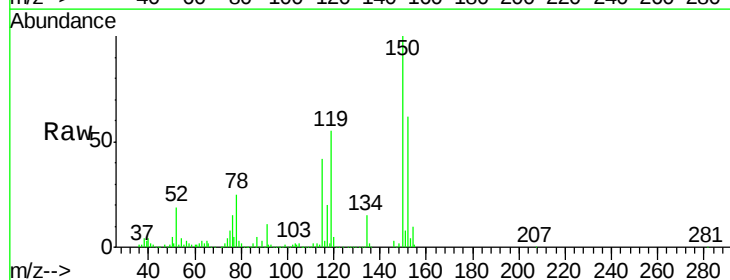
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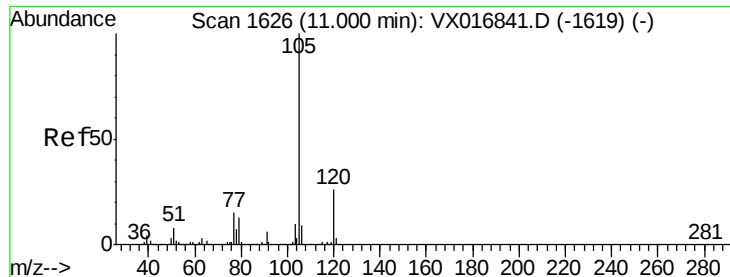
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.9	40.9	122.8
150	172.1	0.0	344.2





#73

Isopropylbenzene

Concen: 51.614 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 640653

Ion Ratio Lower Upper

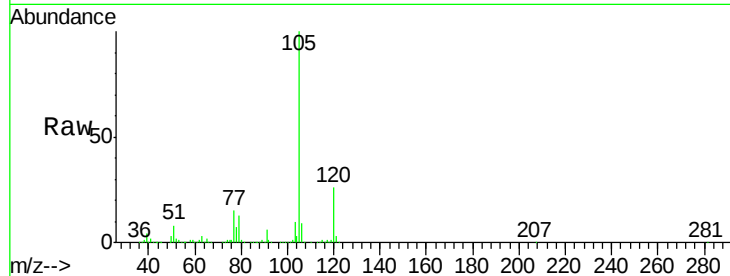
105 100

120 26.4 13.2 39.6

Manual Integrations
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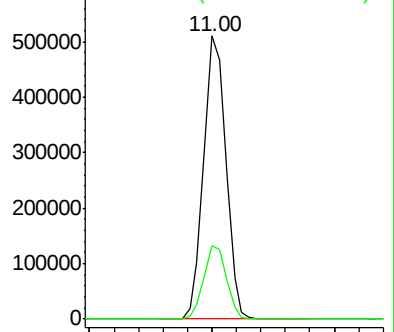
MMDadoda

6/19/2020 12:49:41 PM

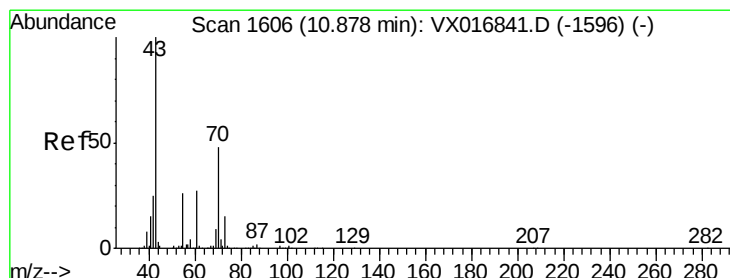
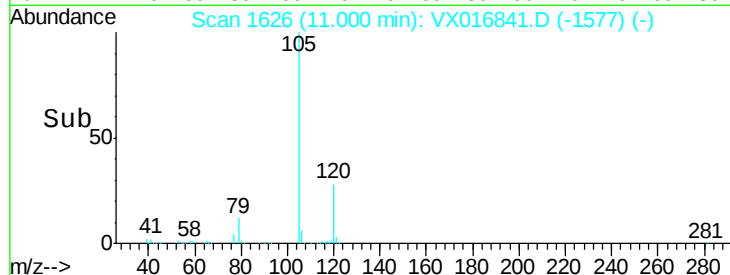


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 48.700 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Tgt Ion: 43 Resp: 232174

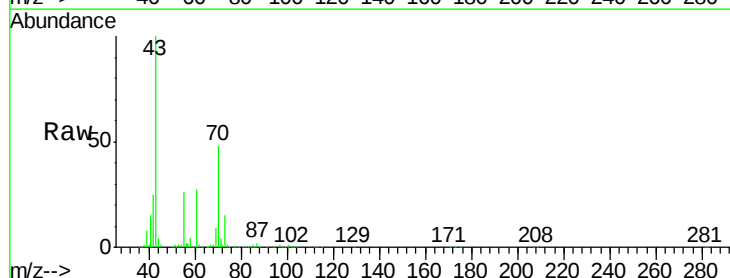
Ion Ratio Lower Upper

43 100

70 49.9 39.9 59.9

55 27.2 21.8 32.6

61 27.8 22.2 33.4

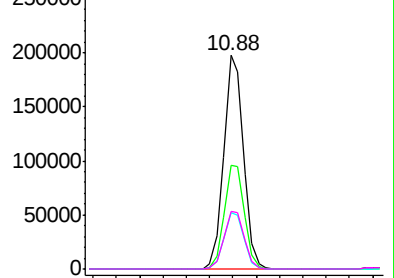


Abundance Ion 43.00 (42.70 to 43.70): VX0

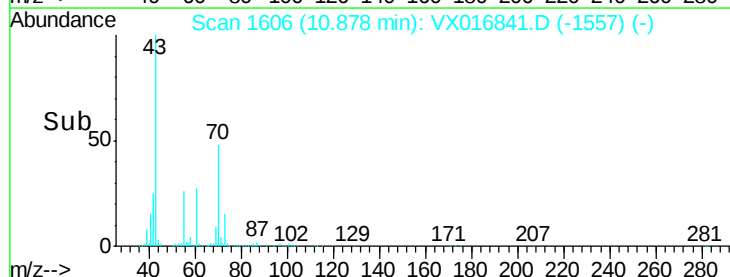
Ion 70.00 (69.70 to 70.70): VX0

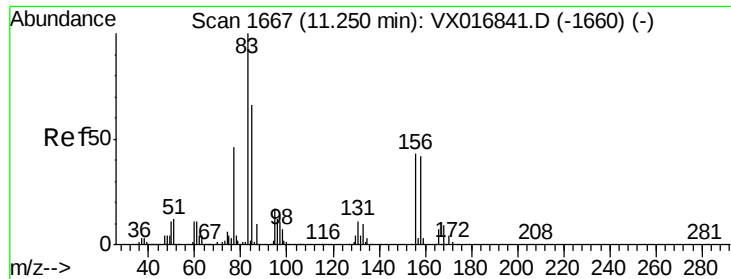
Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 46.809 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 170075

Ion Ratio Lower Upper

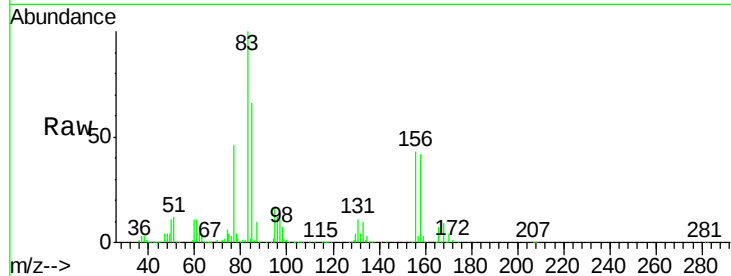
83 100

131 11.4 5.7 17.1

85 65.2 32.6 97.8

Manual Integrations
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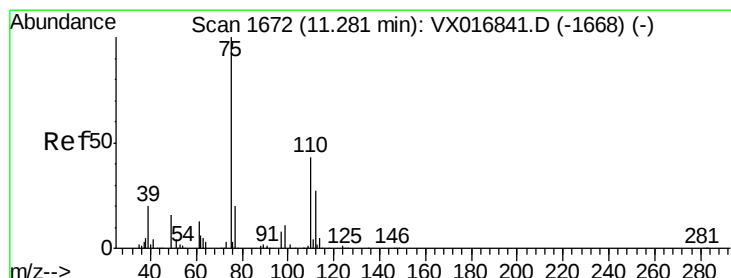
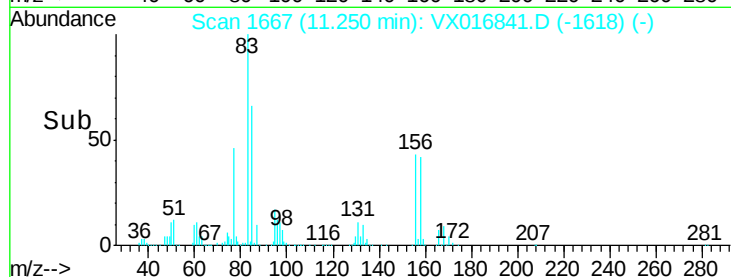
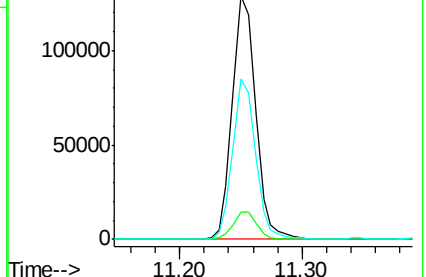
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 44.901 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016841.D

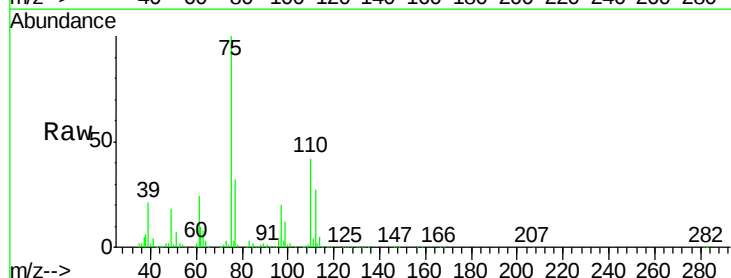
Acq: 18 Jun 2020 11:47

Tgt Ion: 75 Resp: 176212

Ion Ratio Lower Upper

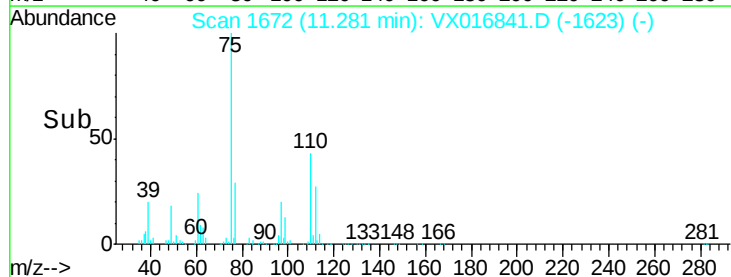
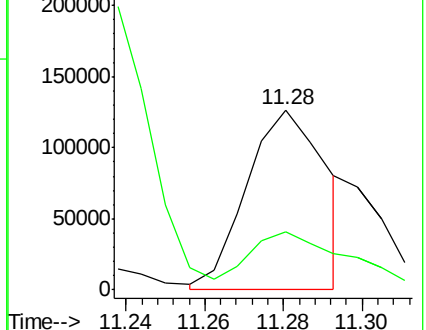
75 100

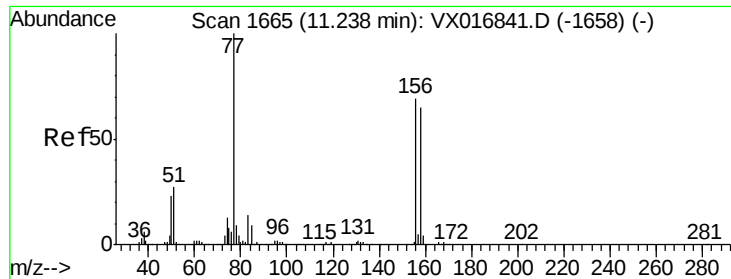
77 41.0 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.880 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 171379

Ion Ratio Lower Upper

156 100

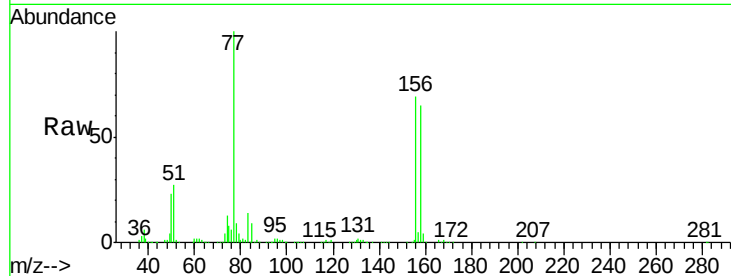
77 146.8 73.4 220.2

158 97.5 48.8 146.3

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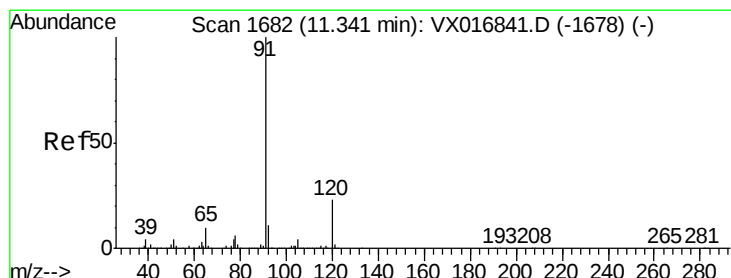
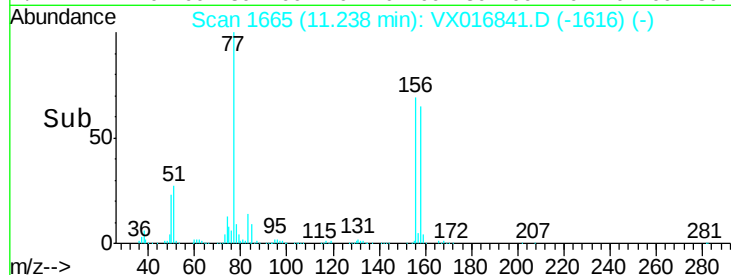
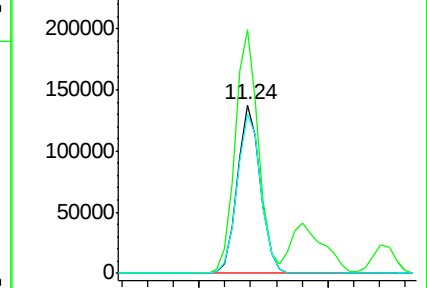
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.575 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016841.D

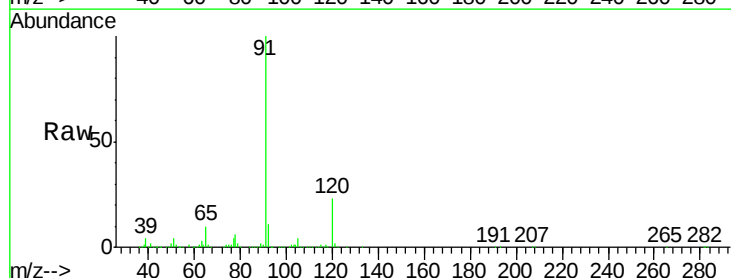
Acq: 18 Jun 2020 11:47

Tgt Ion: 91 Resp: 726076

Ion Ratio Lower Upper

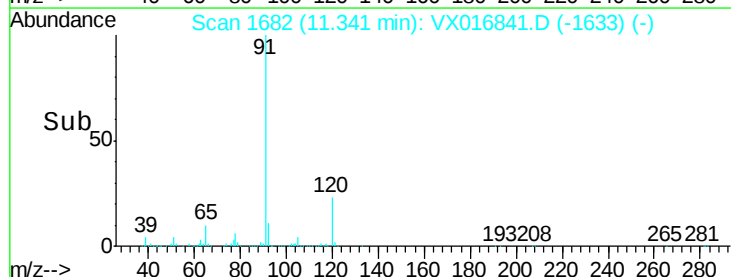
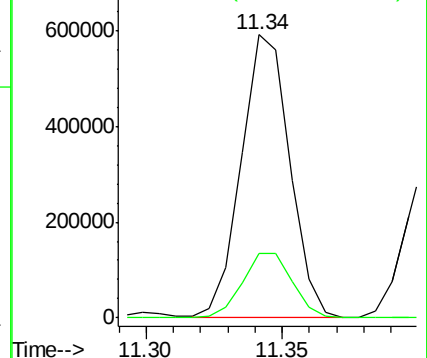
91 100

120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.912 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 435405

Ion Ratio Lower Upper

91 100

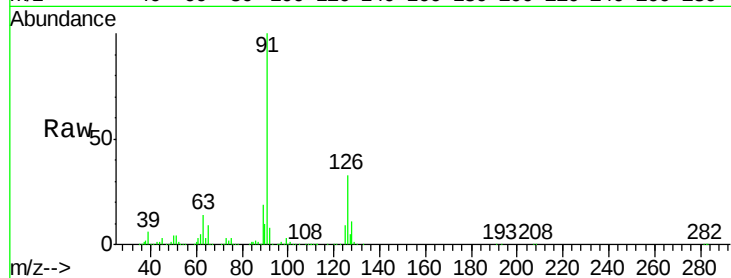
126 34.3 17.2 51.5

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Abundance Ion 91.00 (90.70 to 91.70): VX016841.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016841.D (-1687) (-)

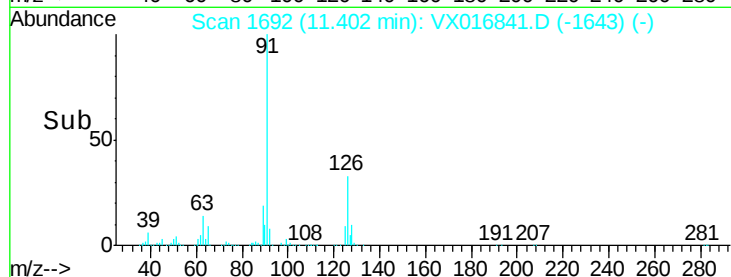
600000

400000

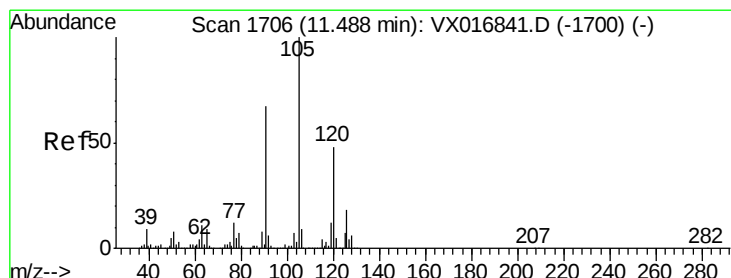
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.253 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016841.D

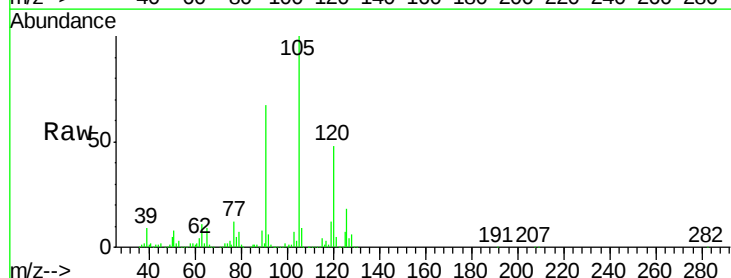
Acq: 18 Jun 2020 11:47

Tgt Ion: 105 Resp: 556945

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016841.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016841.D (-1700) (-)

500000

400000

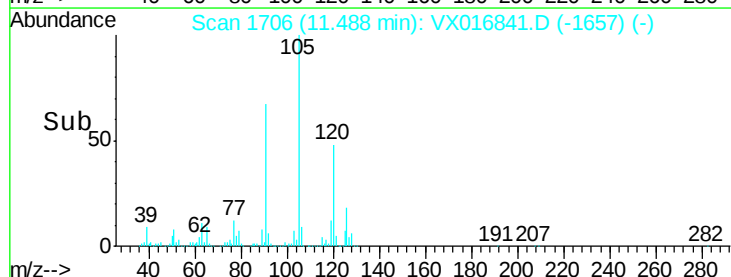
300000

200000

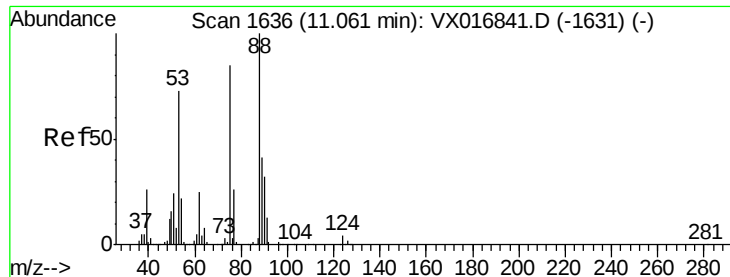
100000

0

11.40 11.45 11.50 11.55



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 44.881 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 69478

Ion Ratio Lower Upper

75 100

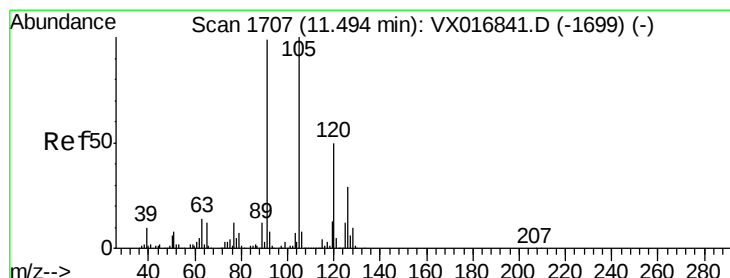
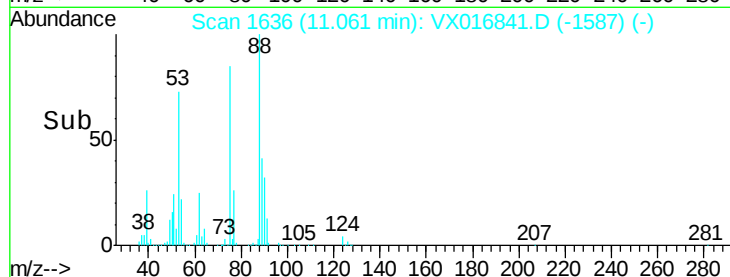
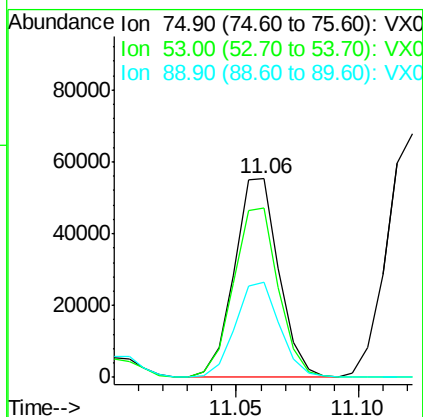
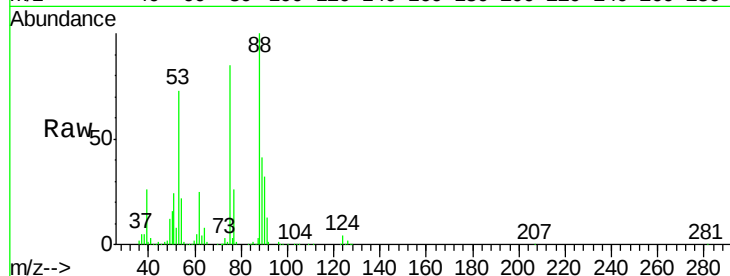
53 87.3 69.8 104.8

89 47.9 38.3 57.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.655 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016841.D

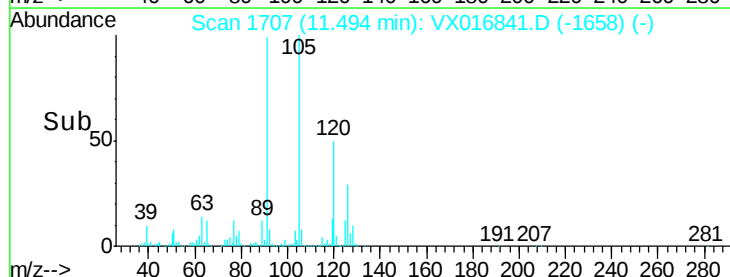
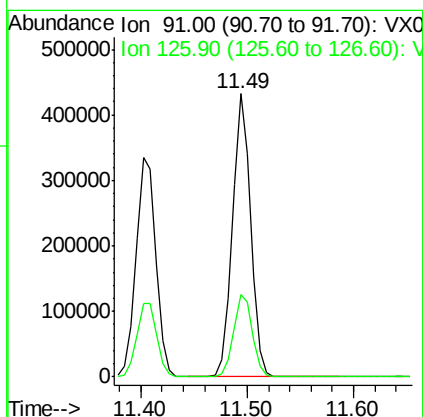
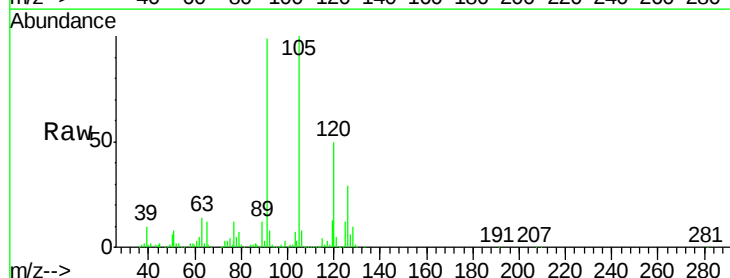
Acq: 18 Jun 2020 11:47

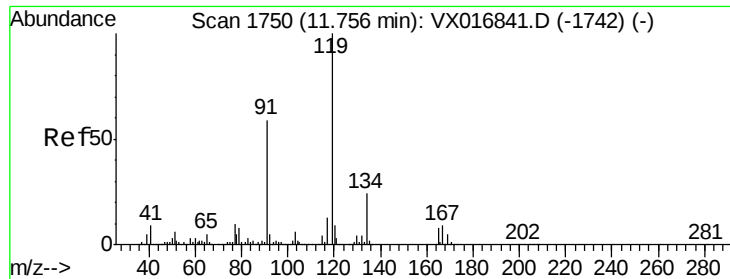
Tgt Ion: 91 Resp: 519373

Ion Ratio Lower Upper

91 100

126 30.0 15.0 45.0





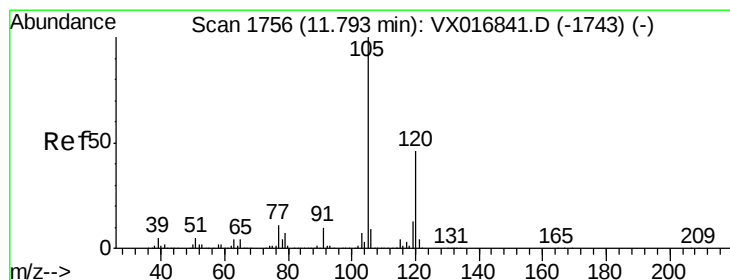
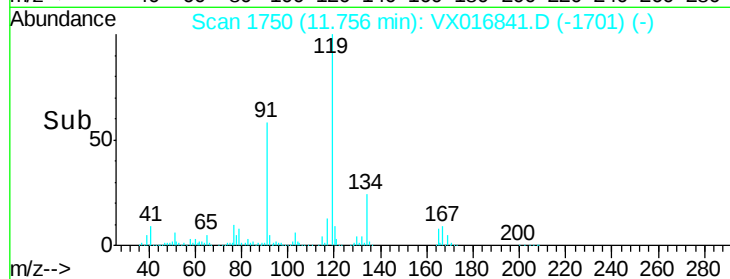
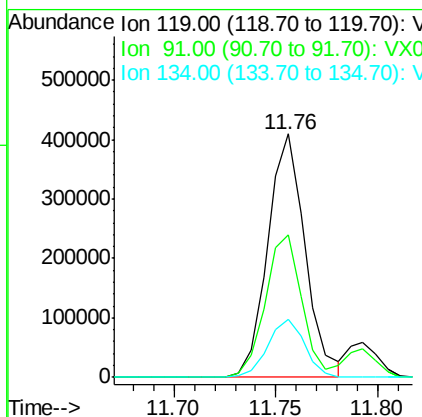
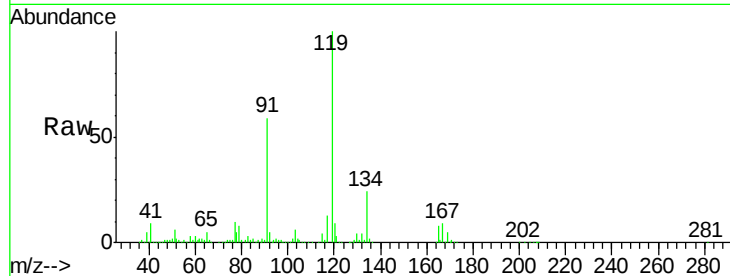
#83
tert-Butylbenzene
Concen: 54.286 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	522316		
91	57.0		28.5	85.5
134	23.4		11.7	35.1

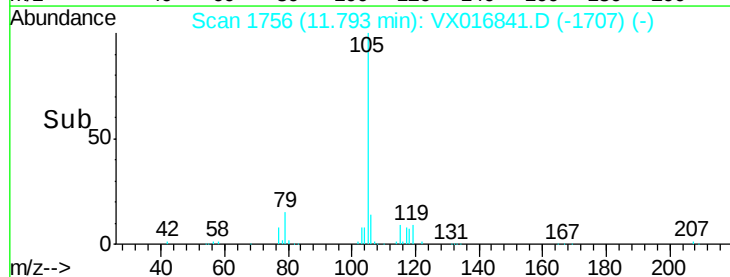
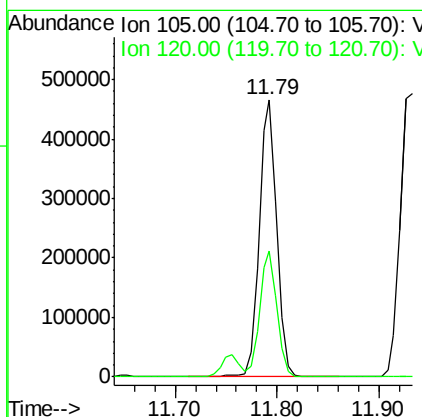
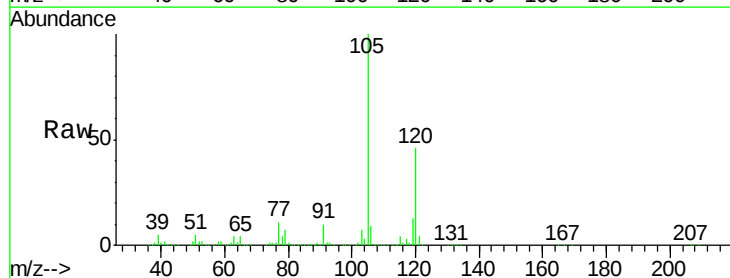
Manual Integrations
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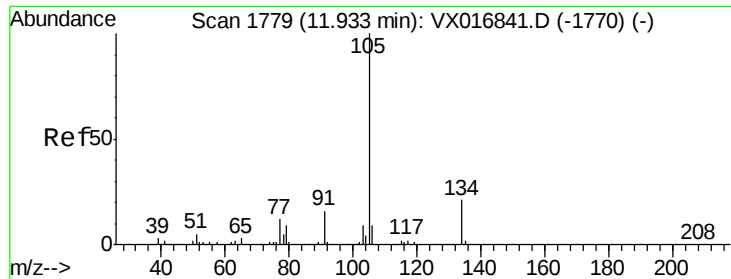
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#84
1,2,4-Trimethylbenzene
Concen: 53.113 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	562186		
120	44.6		22.3	66.9





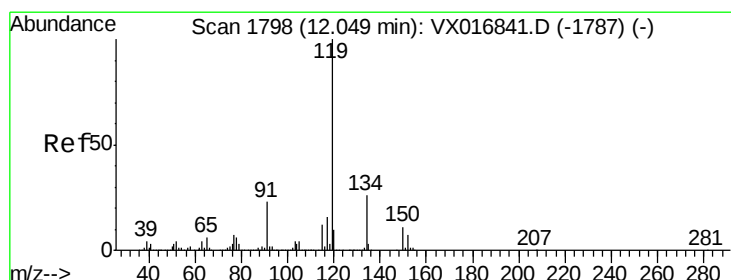
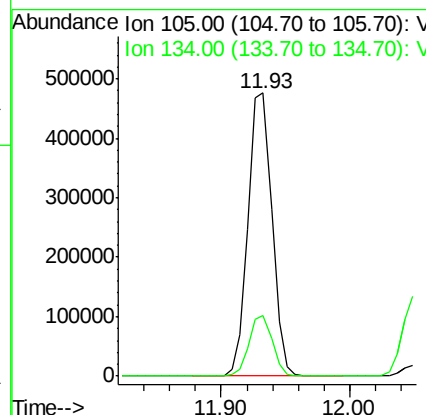
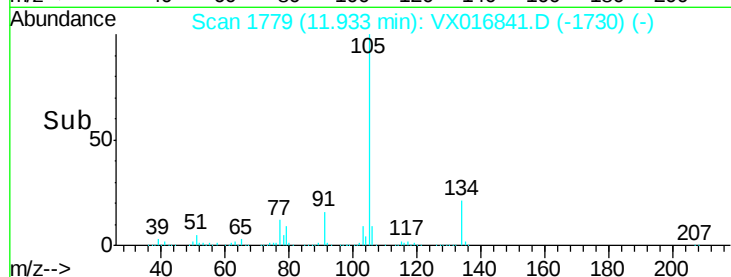
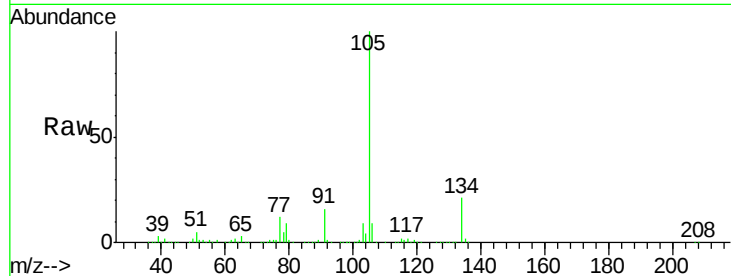
#85
 sec-Butylbenzene
 Concen: 54.328 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.2

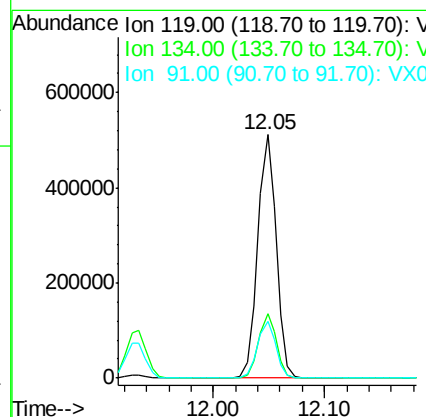
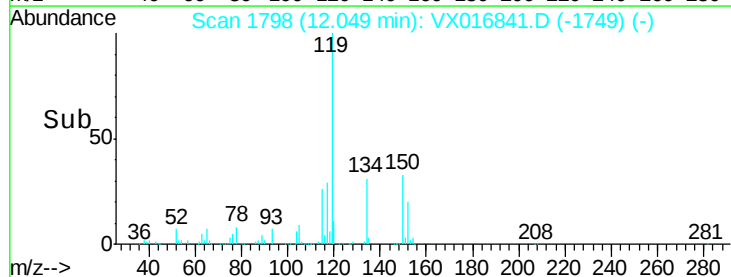
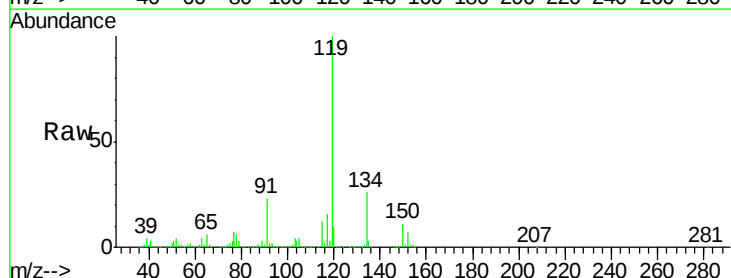
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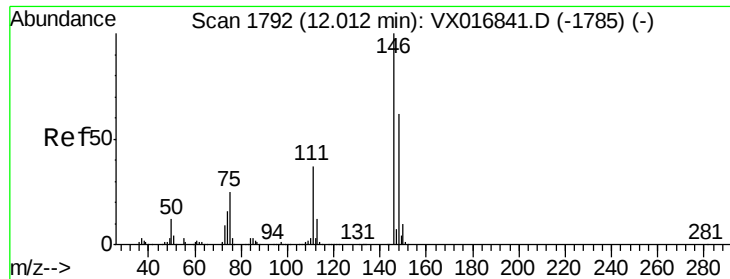
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#86
 p-Isopropyltoluene
 Concen: 54.904 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	23.2	11.6	34.8





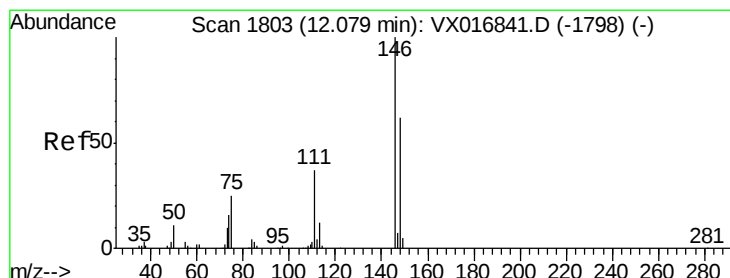
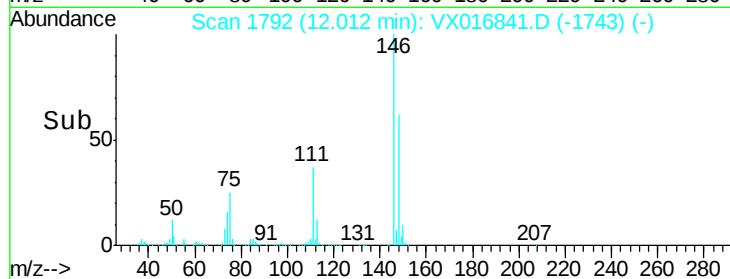
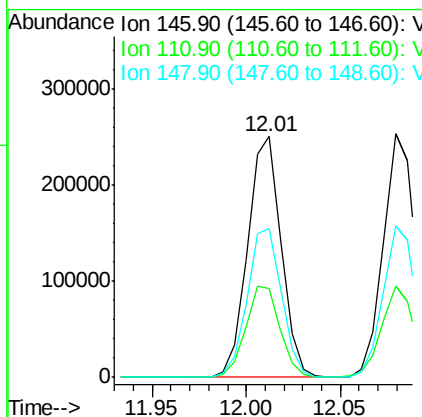
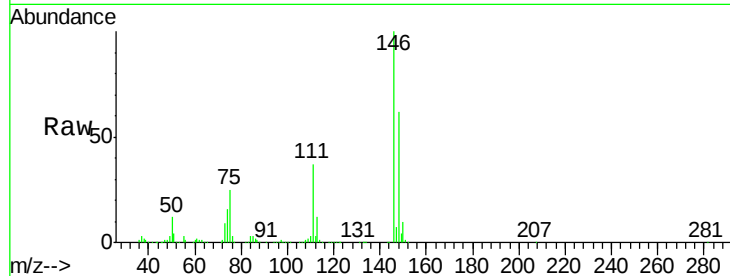
#87
 1,3-Dichlorobenzene
 Concen: 51.578 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	63.5	31.8	95.3

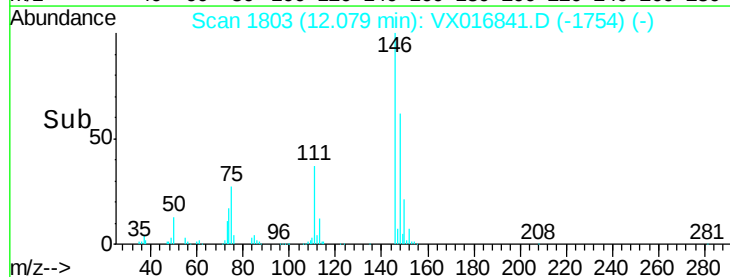
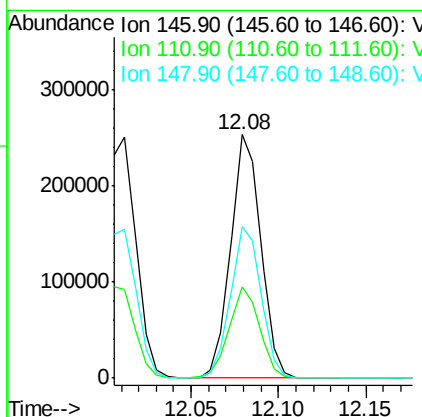
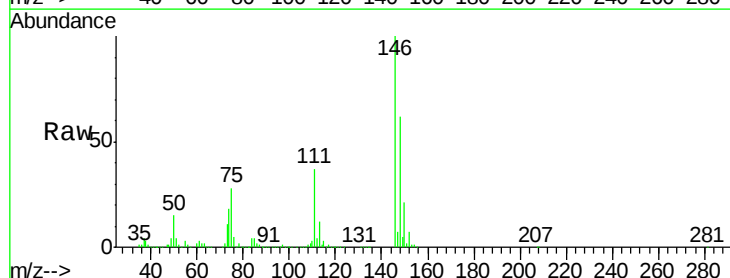
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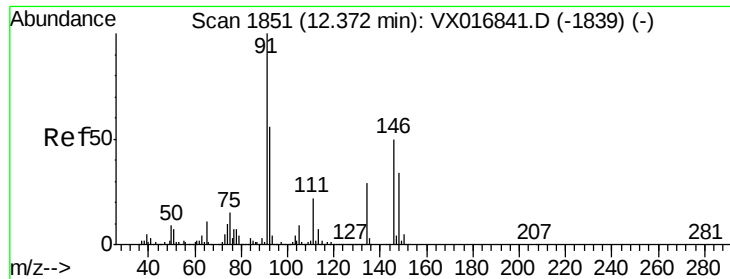
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#88
 1,4-Dichlorobenzene
 Concen: 49.266 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	63.3	31.6	95.0





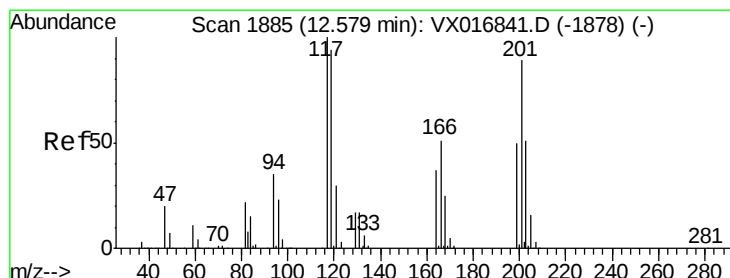
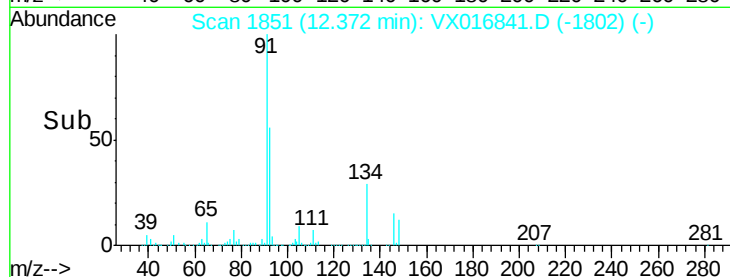
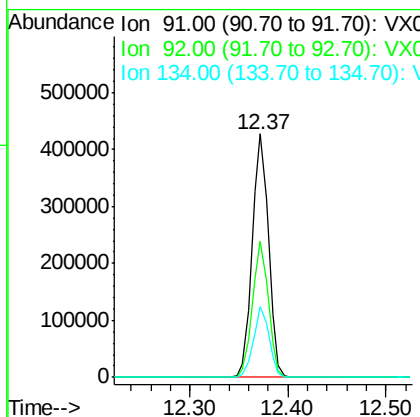
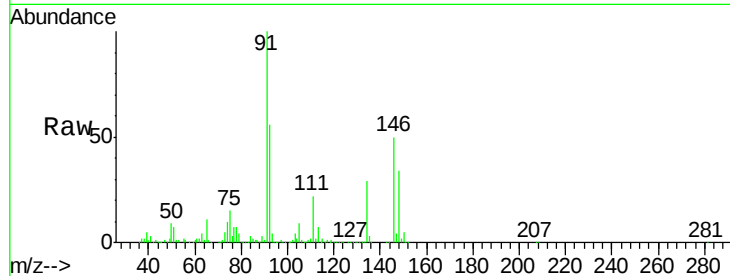
#89
n-Butylbenzene
Concen: 55.286 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.2
134	27.7	13.9	41.6

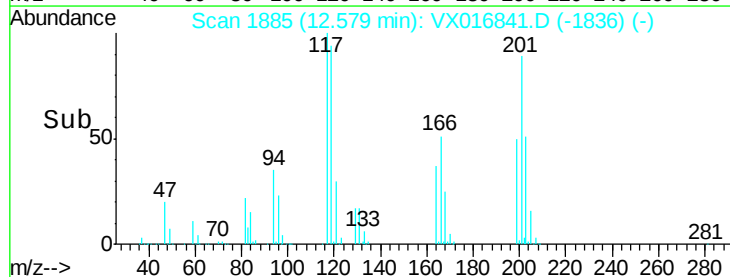
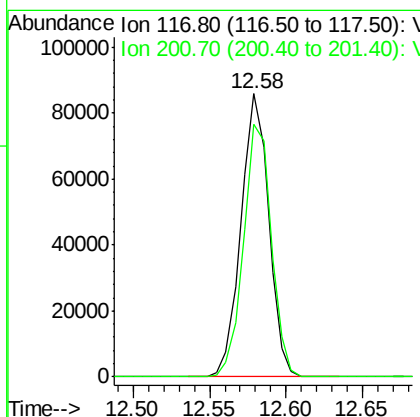
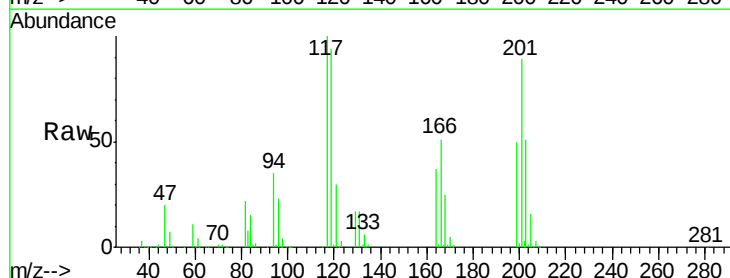
Manual Integrations
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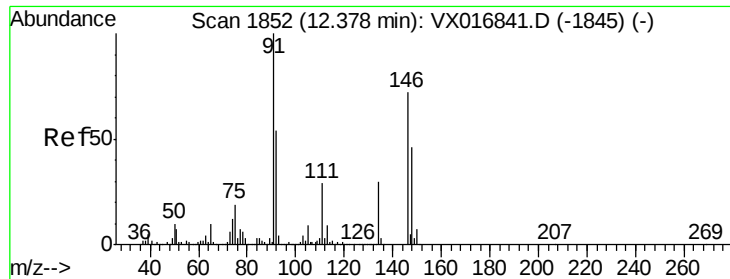
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#90
Hexachloroethane
Concen: 53.952 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.7	44.9	134.5





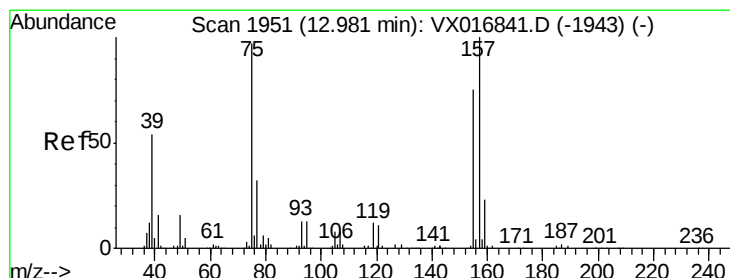
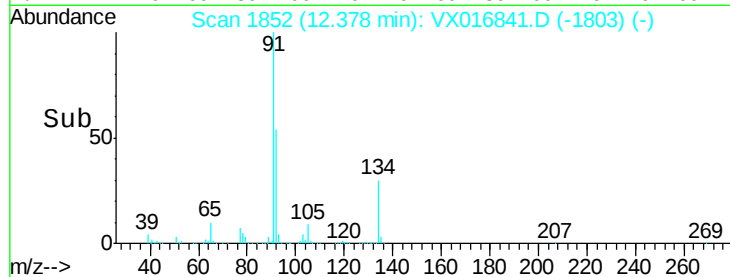
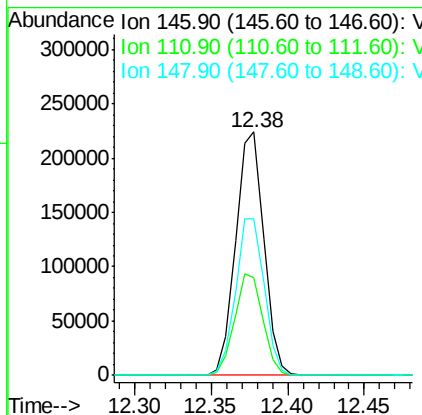
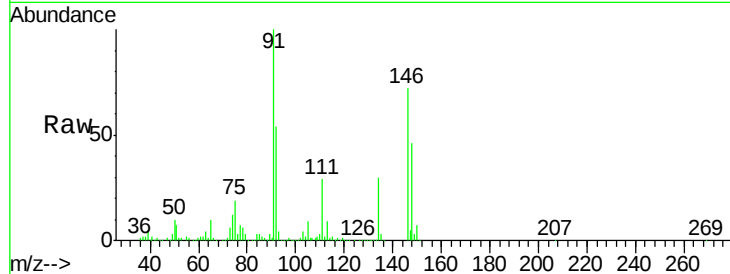
#91
 1,2-Dichlorobenzene
 Concen: 48.186 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	285335		
111	41.8	20.9	62.7	
148	65.7	32.9	98.6	

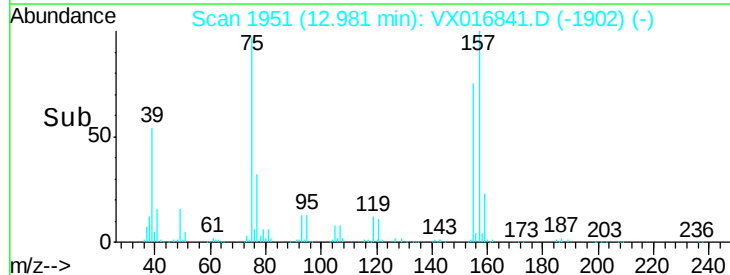
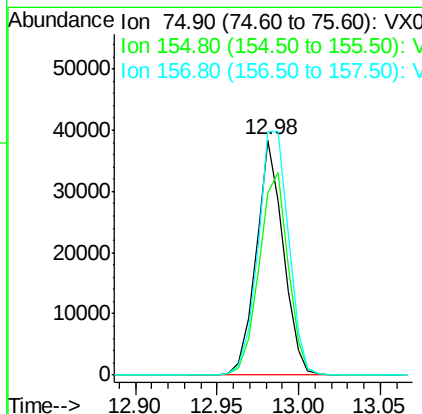
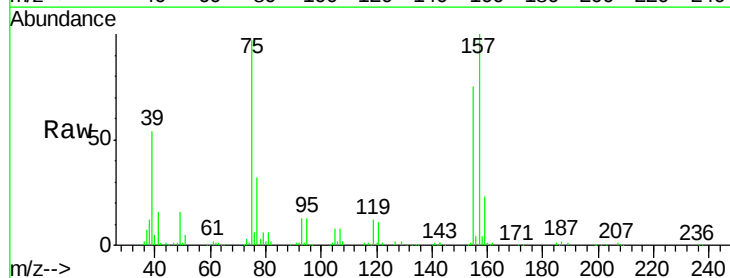
Manual Integrations
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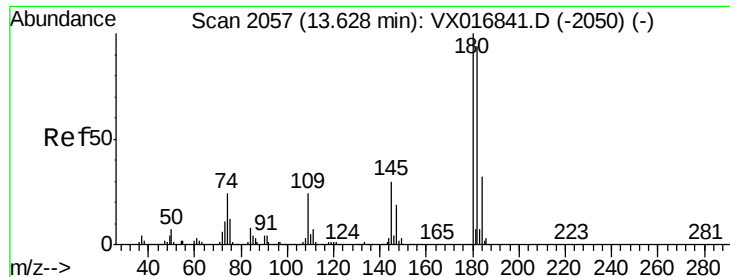
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.263 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016841.D
 Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44392		
155	92.7	46.4	139.1	
157	117.2	58.6	175.8	





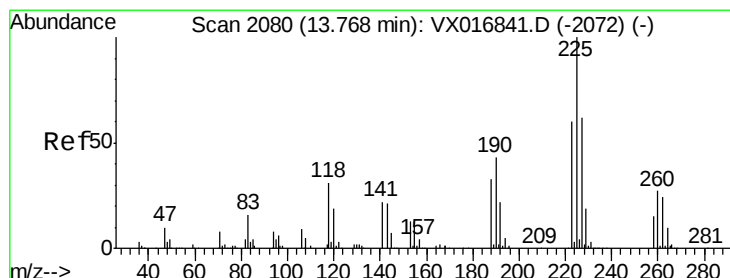
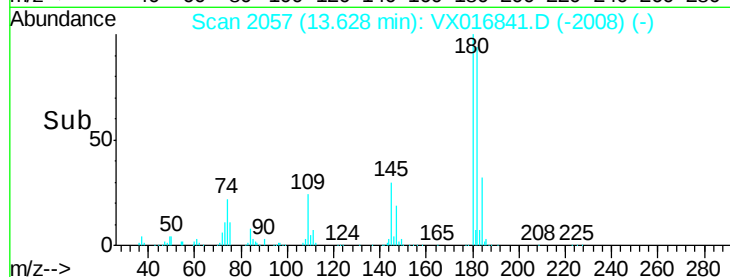
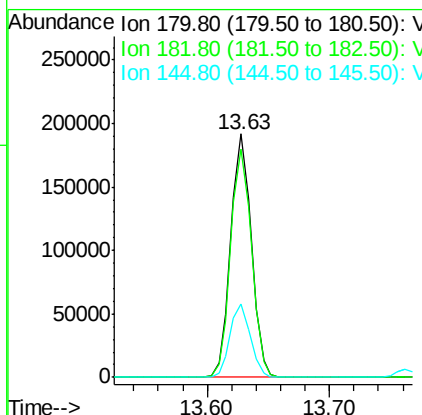
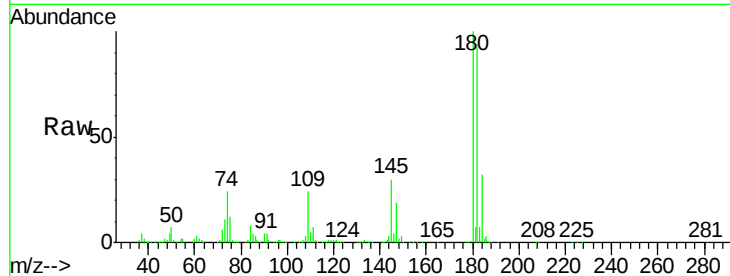
#93
1,2,4-Trichlorobenzene
Concen: 52.452 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	221602		
182	95.4	47.7	143.1	
145	30.1	15.0	45.1	

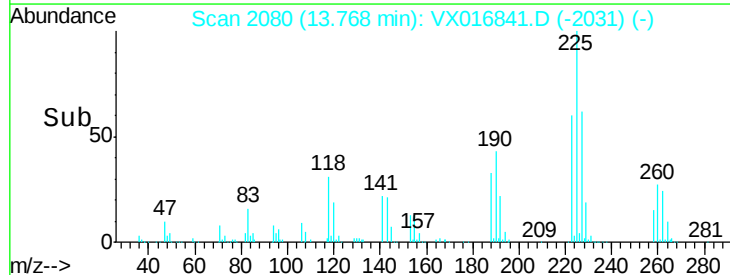
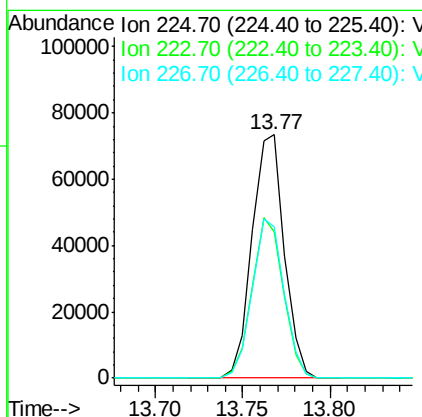
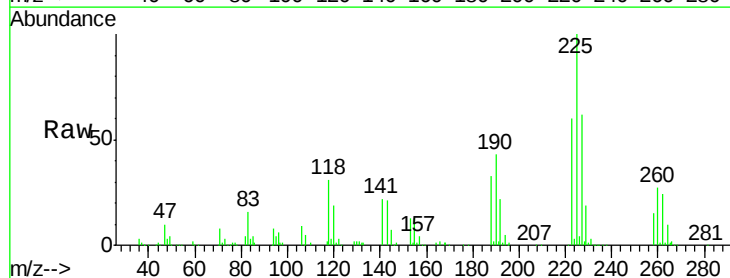
Manual Integrations
APPROVED

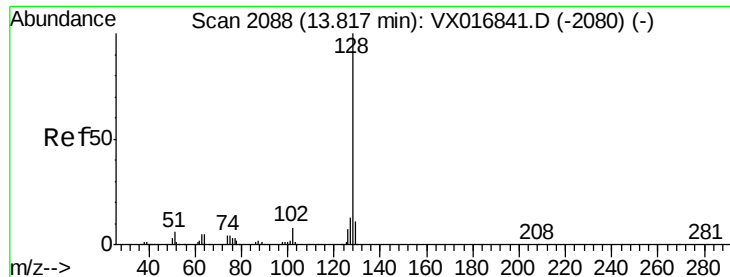
MMDadoda
6/19/2020 12:49:41 PM



#94
Hexachlorobutadiene
Concen: 49.639 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016841.D
Acq: 18 Jun 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	93726		
223	64.3	32.1	96.5	
227	64.5	32.3	96.8	





#95

Naphthalene

Concen: 49.900 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Instrument :

MSVOA_X

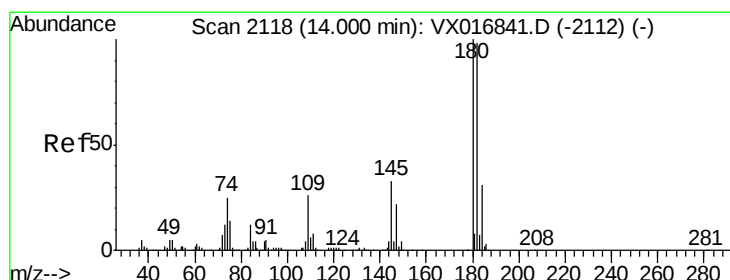
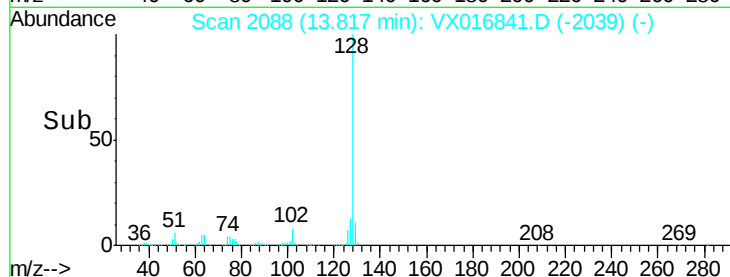
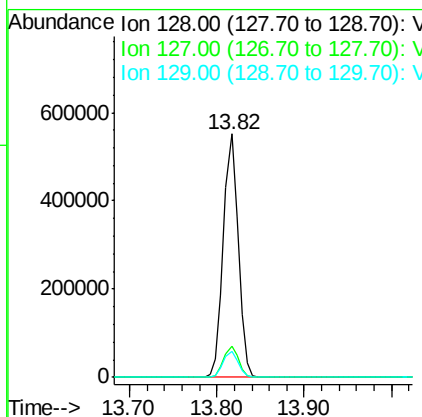
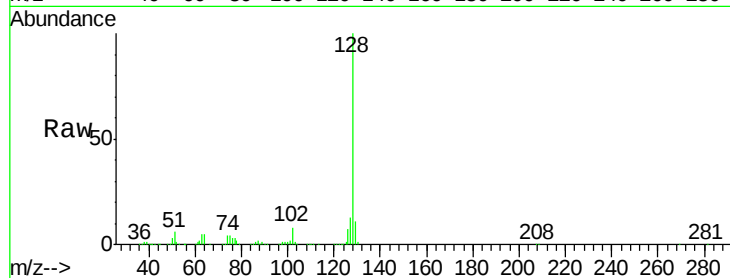
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	645640
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:49:41 PM



#96

1,2,3-Trichlorobenzene

Concen: 55.998 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016841.D

Acq: 18 Jun 2020 11:47

Tgt Ion:	180	Resp:	235149
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.4	142.3
145	32.0	16.0	48.0

