

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017219.D
 Acq On : 07 Jul 2020 21:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:31:49 AM

Quant Time: Jul 08 03:36:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	284508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	403331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235111	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171696	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.46	113	140672	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	8.70	98	499720	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.12	95	203312	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	131411	47.743	ug/l	98
3) Chloromethane	1.31	50	136454	40.956	ug/l	99
4) Vinyl Chloride	1.39	62	138103	44.677	ug/l	99
5) Bromomethane	1.62	94	70213	42.992	ug/l	99
6) Chloroethane	1.70	64	88713	48.592	ug/l	99
7) Trichlorofluoromethane	1.91	101	246751	53.973	ug/l	98
8) Diethyl Ether	2.17	74	81767	53.133	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	142340	51.948	ug/l	97
10) Methyl Iodide	2.49	142	131785	37.273	ug/l	99
11) Tert butyl alcohol	3.02	59	169699	253.619	ug/l	98
12) 1,1-Dichloroethene	2.36	96	137667	48.908	ug/l	99
13) Acrolein	2.27	56	130417	326.057	ug/l	98
14) Allyl chloride	2.70	41	242767	46.668	ug/l	98
15) Acrylonitrile	3.12	53	406289	252.587	ug/l	99
16) Acetone	2.42	43	335649	255.812	ug/l	97
17) Carbon Disulfide	2.55	76	368019	46.854	ug/l	99
18) Methyl Acetate	2.75	43	183344	53.528	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	501610	53.097	ug/l	98
20) Methylene Chloride	2.83	84	159622	53.093	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	156015	49.945	ug/l	98
22) Diisopropyl ether	3.82	45	490325	50.927	ug/l	100
23) Vinyl Acetate	3.78	43	2152527	260.173	ug/l	99
24) 1,1-Dichloroethane	3.67	63	278679	50.870	ug/l	100
25) 2-Butanone	4.64	43	552198	252.574	ug/l	100
26) 2,2-Dichloropropane	4.55	77	223558	45.960	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	171958	48.584	ug/l	99
28) Bromochloromethane	4.98	49	111499	41.825	ug/l	96
29) Tetrahydrofuran	5.09	42	356779	246.987	ug/l	98
30) Chloroform	5.18	83	293924	52.339	ug/l	98
31) Cyclohexane	5.55	56	224290	47.366	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	268689	51.952	ug/l	99
36) 1,1-Dichloropropene	5.77	75	208032	51.605	ug/l	99
37) Ethyl Acetate	4.80	43	216292	52.881	ug/l	99
38) Carbon Tetrachloride	5.76	117	249815	56.263	ug/l	99

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Quant Time: Jul 08 03:36:25 2020
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 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	225675	50.315	ug/l	98
40) Benzene	6.11	78	616183	52.023	ug/l	98
41) Methacrylonitrile	5.01	41	120135	52.187	ug/l	98
42) 1,2-Dichloroethane	6.17	62	236128	55.192	ug/l	99
43) Isopropyl Acetate	6.42	43	350698	51.599	ug/l	99
44) Trichloroethene	7.19	130	180696	55.317	ug/l	97
45) 1,2-Dichloropropane	7.49	63	160412	52.730	ug/l	97
46) Dibromomethane	7.64	93	112656	54.241	ug/l	96
47) Bromodichloromethane	7.88	83	239173	55.879	ug/l	99
48) Methyl methacrylate	7.74	41	174598	54.071	ug/l	95
49) 1,4-Dioxane	7.71	88	77415	1058.261	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1111682	274.391	ug/l	100
52) Toluene	8.76	92	394723	53.377	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	255943	54.196	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	265180	52.382	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	165604	54.811	ug/l	99
56) Ethyl methacrylate	9.16	69	240164	55.846	ug/l	99
57) 1,3-Dichloropropane	9.35	76	271977	53.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	564341	263.676	ug/l	98
59) 2-Hexanone	9.48	43	839333	283.662	ug/l	100
60) Dibromochloromethane	9.57	129	202555	57.721	ug/l	99
61) 1,2-Dibromoethane	9.65	107	179789	55.359	ug/l	99
64) Tetrachloroethene	9.32	164	170729	52.449	ug/l	96
65) Chlorobenzene	10.12	112	437364	52.540	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	178826	55.741	ug/l	99
67) Ethyl Benzene	10.23	91	758812	54.583	ug/l	99
68) m/p-Xylenes	10.34	106	587498	110.061	ug/l	98
69) o-Xylene	10.68	106	278648	54.874	ug/l	99
70) Styrene	10.70	104	496124	57.374	ug/l	99
71) Bromoform	10.84	173	157262	61.816	ug/l	99
73) Isopropylbenzene	11.00	105	760319	49.371	ug/l	99
74) N-amyl acetate	10.88	43	322603	49.094	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	238711	49.278	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	230642m	49.887	ug/l	
77) Bromobenzene	11.24	156	214309	50.634	ug/l	95
78) n-propylbenzene	11.34	91	870135	49.965	ug/l	99
79) 2-Chlorotoluene	11.40	91	530970	50.378	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	661053	51.750	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	85753	48.032	ug/l	96
82) 4-Chlorotoluene	11.49	91	637139	50.568	ug/l	99
83) tert-Butylbenzene	11.76	119	652887	52.066	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	681386	52.579	ug/l	100
85) sec-Butylbenzene	11.93	105	747440	50.709	ug/l	100
86) p-Isopropyltoluene	12.05	119	723871	52.754	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	384882	50.069	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	387868	53.518	ug/l	99
89) n-Butylbenzene	12.37	91	598597	48.857	ug/l	100
90) Hexachloroethane	12.58	117	137770	50.914	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	362322	50.425	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55717	48.215	ug/l	95

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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	245317	50.020	ug/l	99
94) Hexachlorobutadiene	13.76	225	90917	48.865	ug/l	98
95) Naphthalene	13.82	128	787236	52.799	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	242253	51.041	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 284508

Ion Ratio Lower Upper

168 100

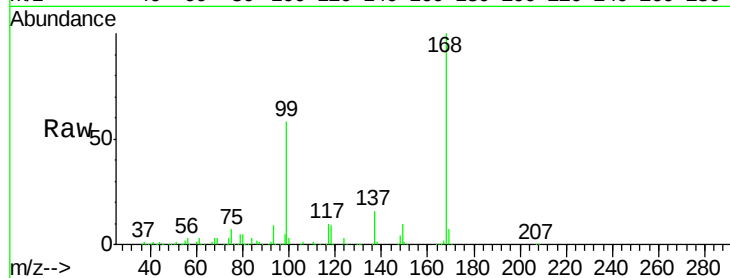
99 58.1 42.6 64.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

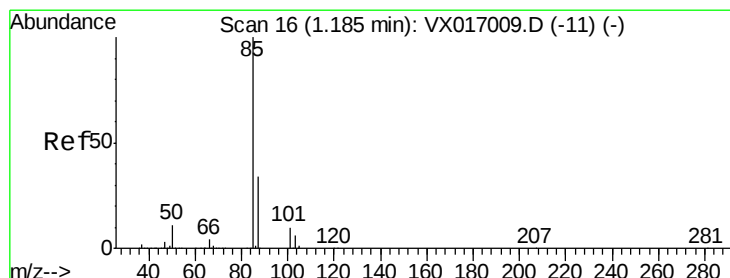
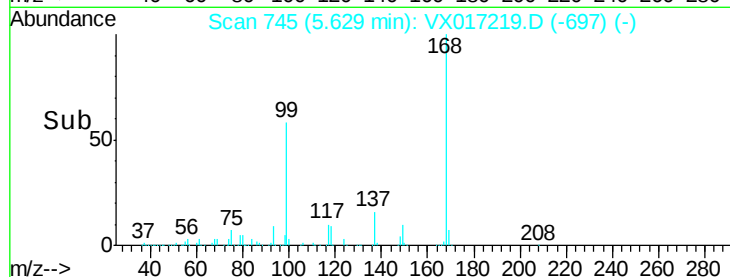
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.743 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017219.D

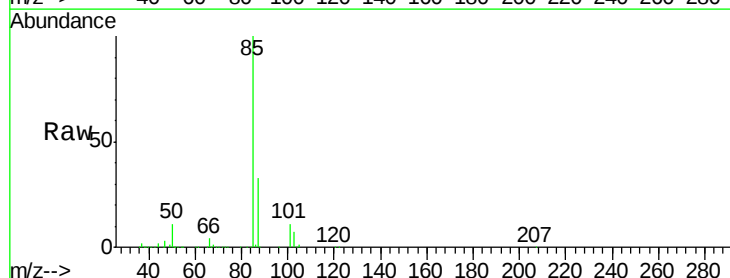
Acq: 07 Jul 2020 21:33

Tgt Ion: 85 Resp: 131411

Ion Ratio Lower Upper

85 100

87 32.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

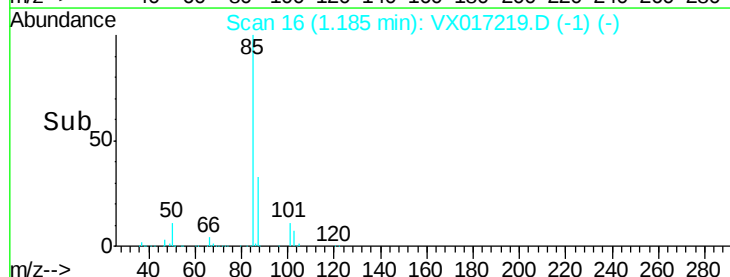
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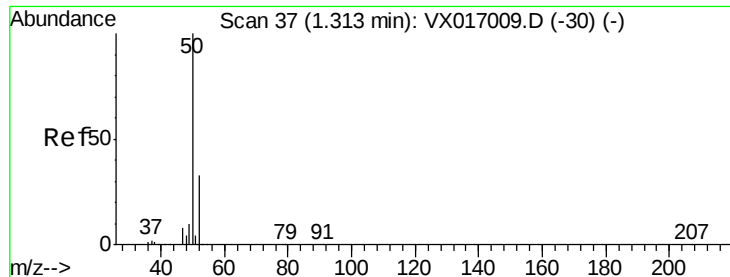
100000

50000

0

Time-->





#3

Chloromethane

Concen: 40.956 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 136454

Ion Ratio Lower Upper

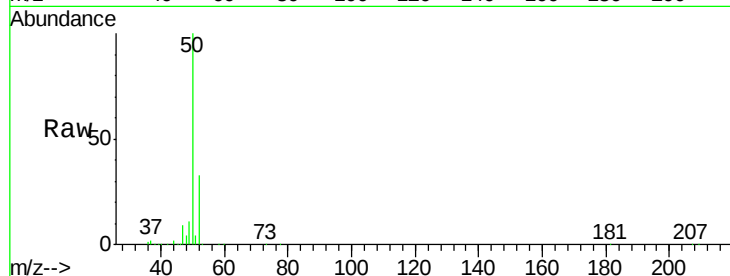
50 100

52 33.3 26.1 39.1

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

150000

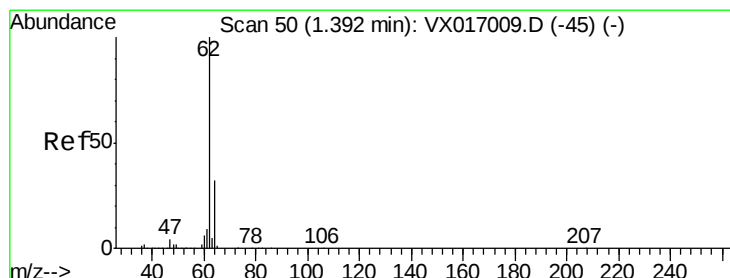
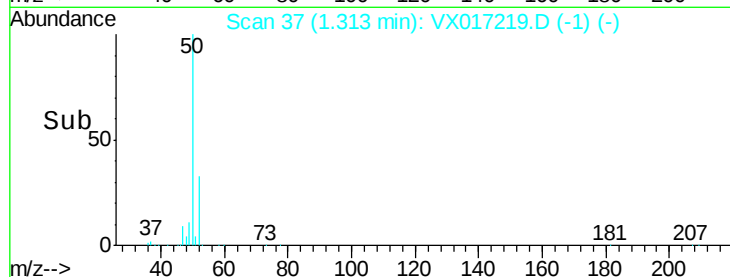
1.31

100000

50000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 44.677 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017219.D

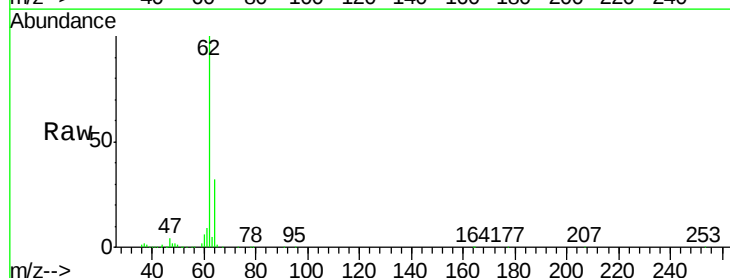
Acq: 07 Jul 2020 21:33

Tgt Ion: 62 Resp: 138103

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

150000

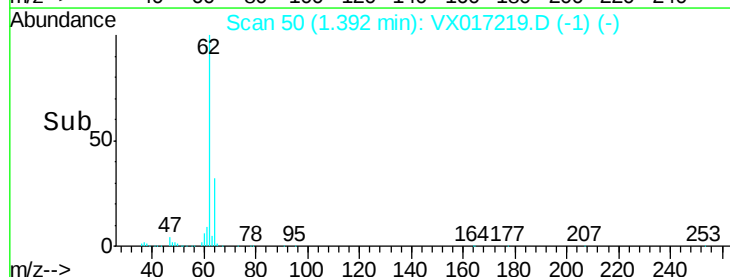
1.39

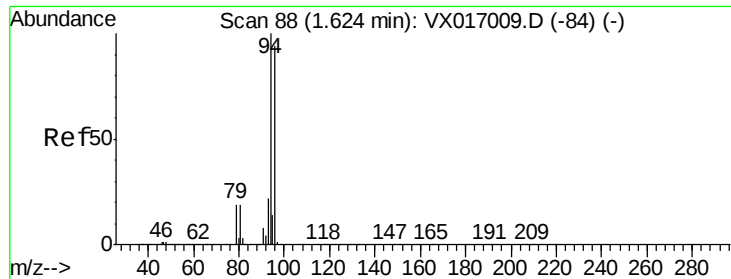
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 42.992 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 70213

Ion Ratio Lower Upper

94 100

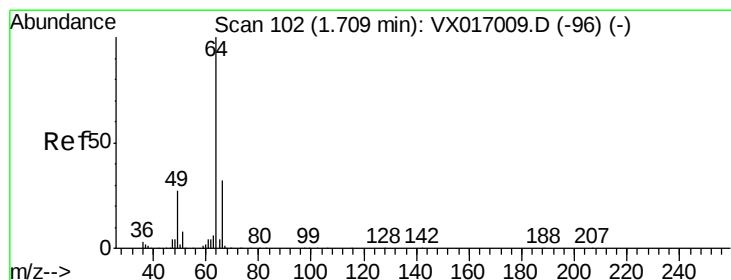
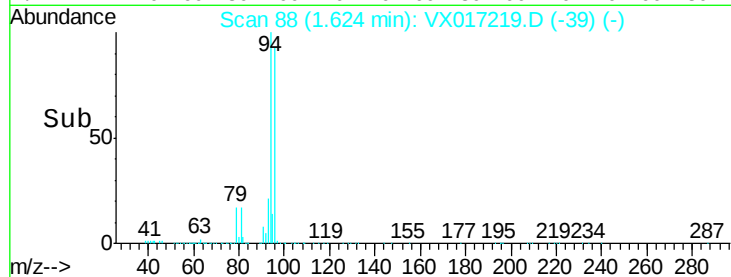
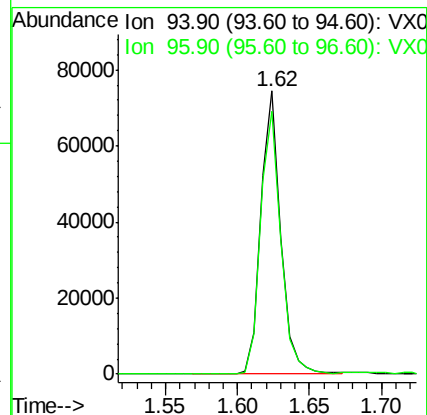
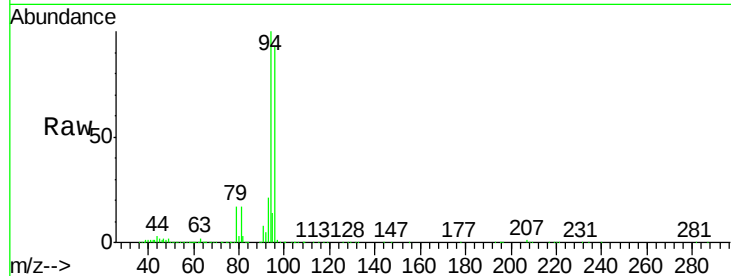
96 93.0 75.0 112.4

Manual Integrations

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#6

Chloroethane

Concen: 48.592 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017219.D

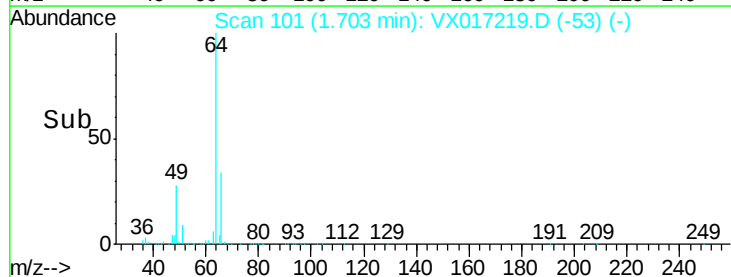
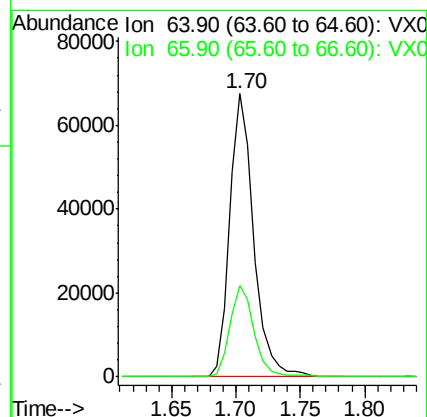
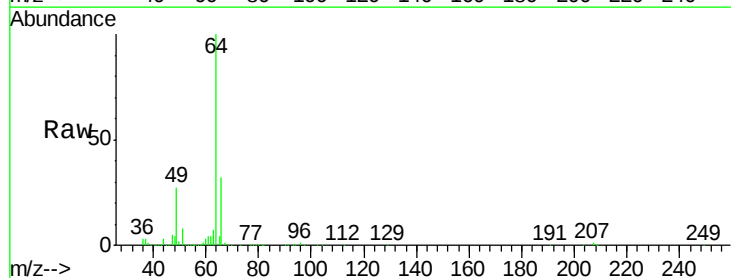
Acq: 07 Jul 2020 21:33

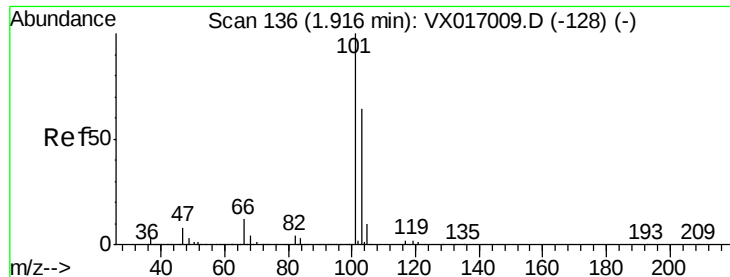
Tgt Ion: 64 Resp: 88713

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

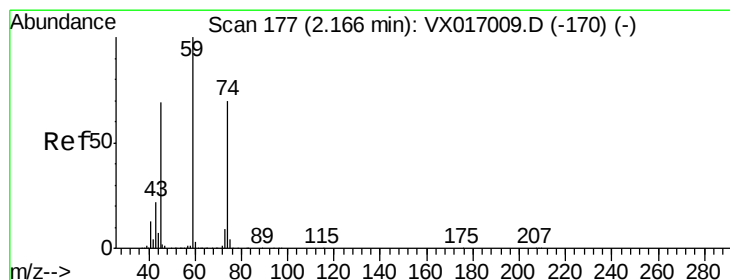
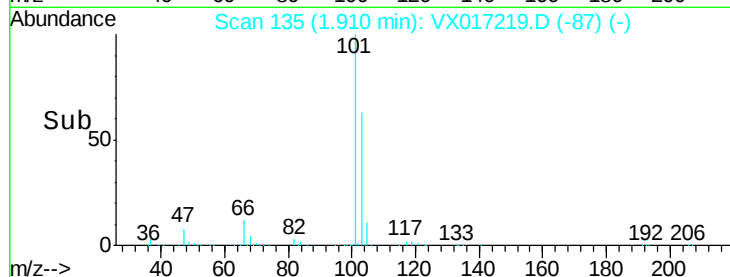
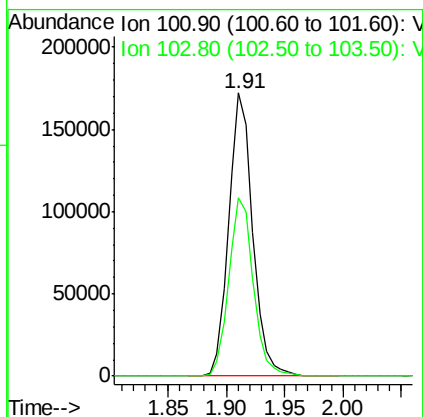
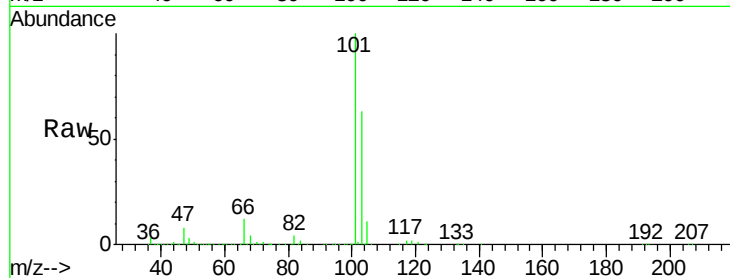
Trichlorofluoromethane
Concen: 53.973 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.5	77.3

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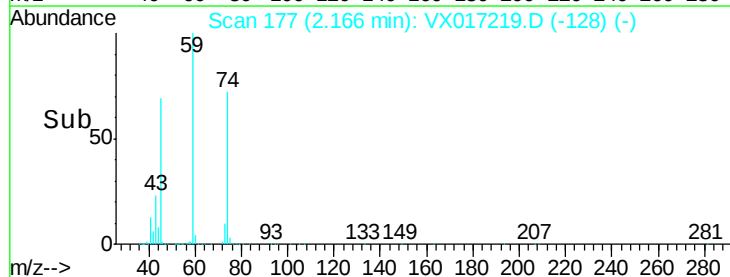
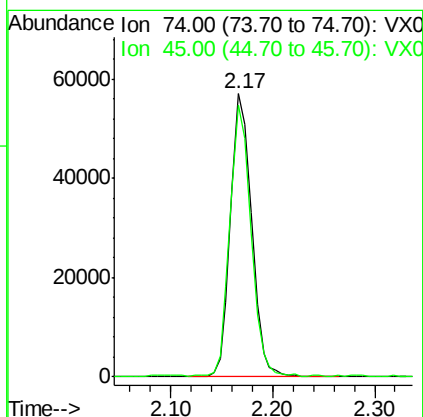
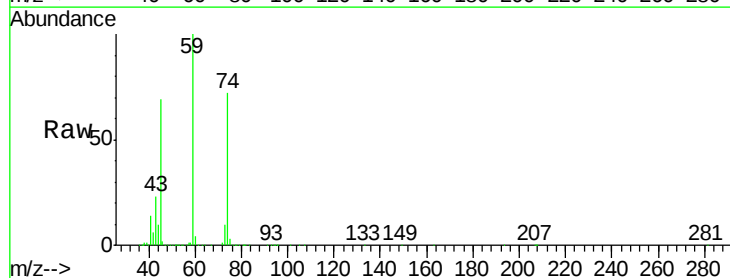
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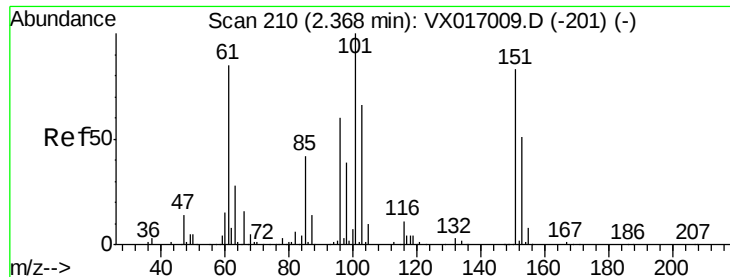


#8

Diethyl Ether
Concen: 53.133 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.948 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

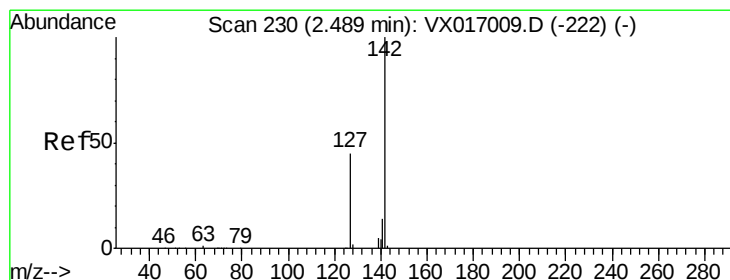
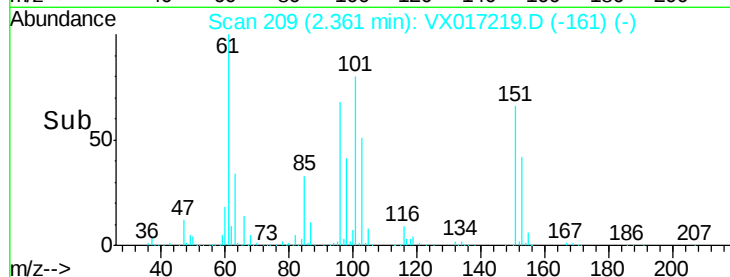
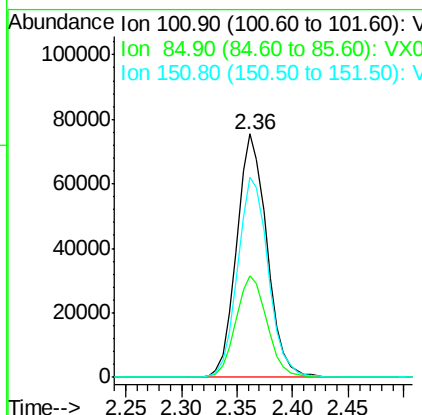
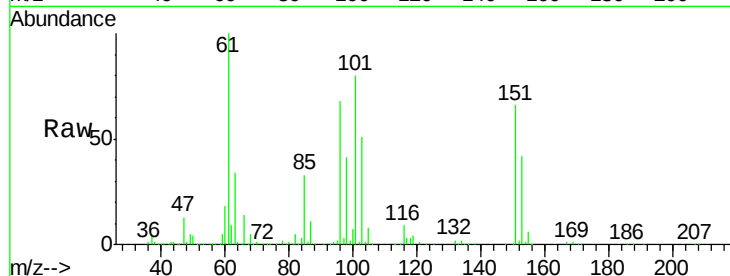
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	142340
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.5	50.3
151	83.2	63.8	95.6

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#10

Methyl Iodide

Concen: 37.273 ug/l

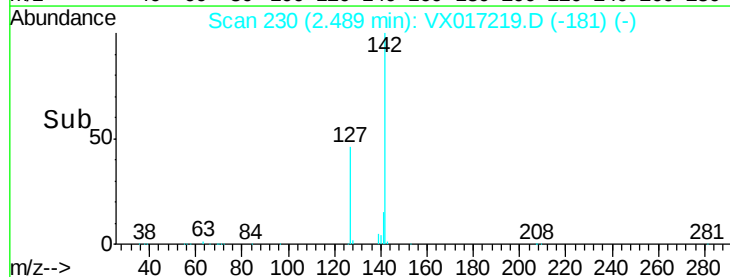
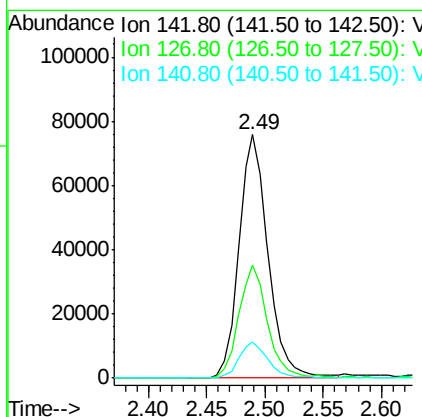
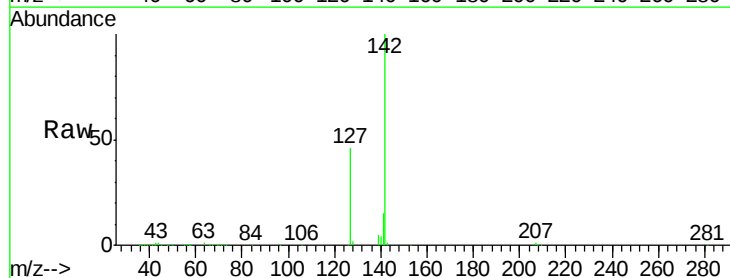
RT: 2.49 min Scan# 230

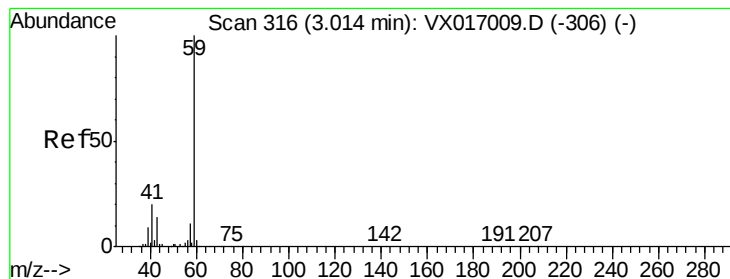
Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Tgt Ion:	142	Resp:	131785
Ion Ratio	Lower	Upper	
142	100		
127	46.2	36.6	54.8
141	14.4	11.6	17.4





#11

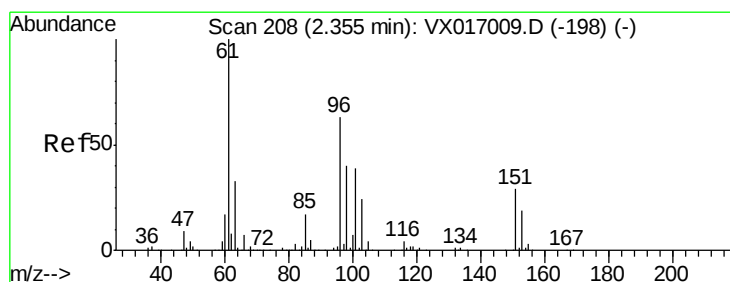
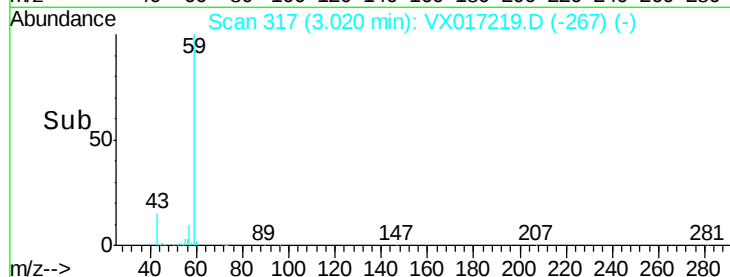
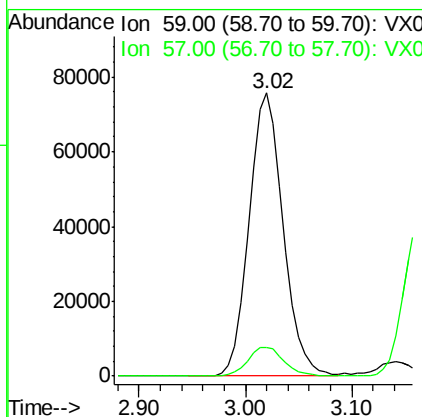
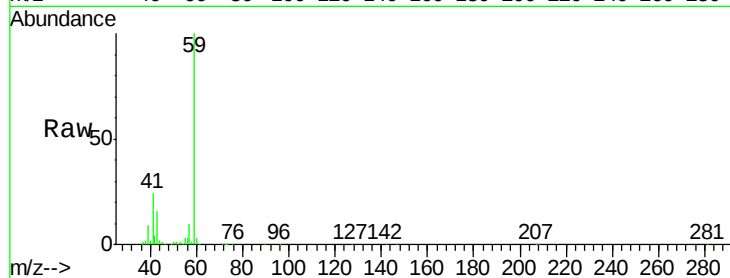
Tert butyl alcohol
 Concen: 253.619 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.2

Manual Integrations
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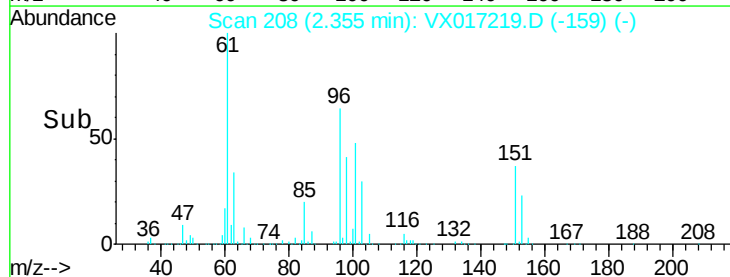
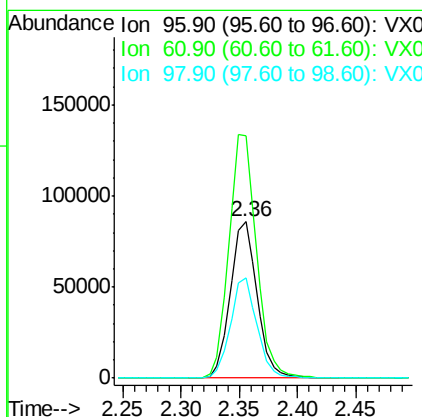
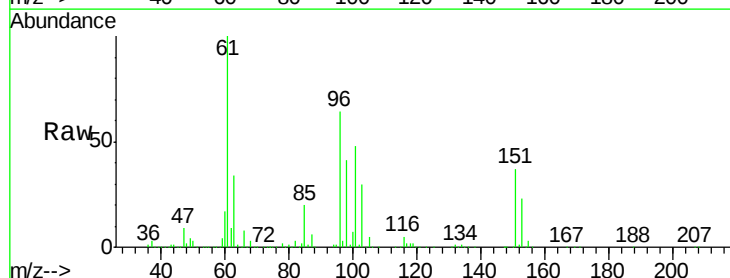
MMDadoda
 7/8/2020 9:31:49 AM

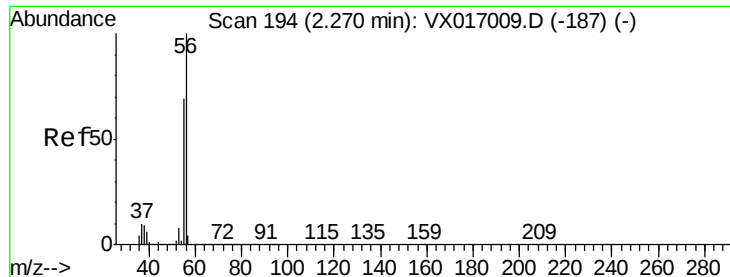


#12

1,1-Dichloroethene
 Concen: 48.908 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.7	126.3	189.5
98	64.5	51.0	76.6





#13

Acrolein

Concen: 326.057 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 130417

Ion Ratio Lower Upper

56 100

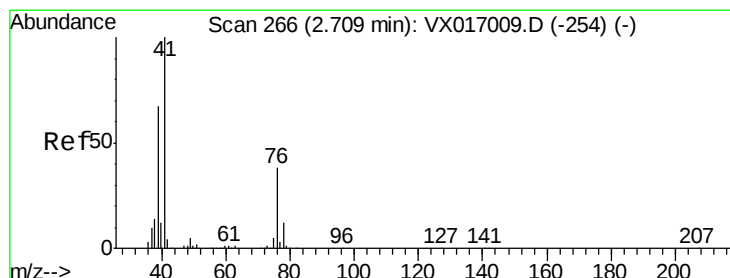
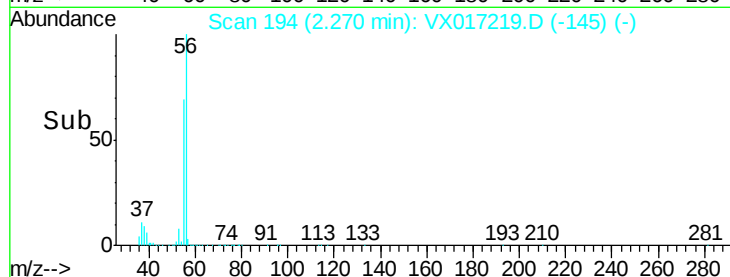
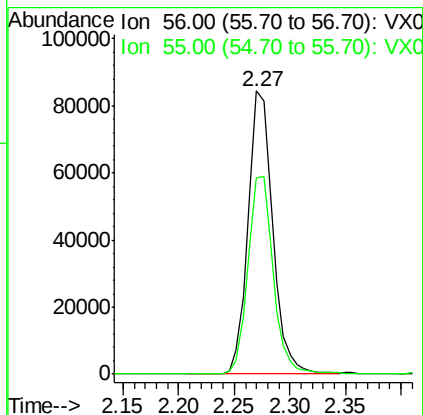
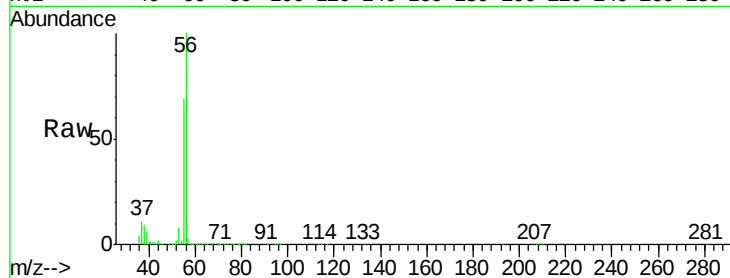
55 71.2 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 46.668 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

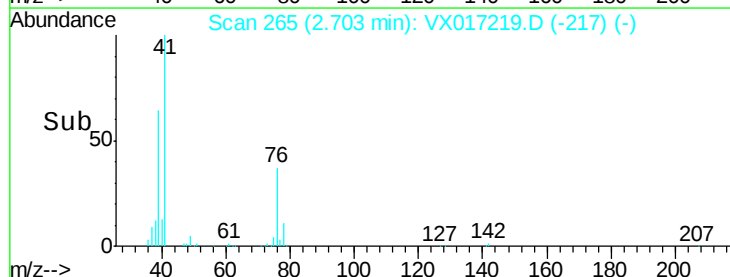
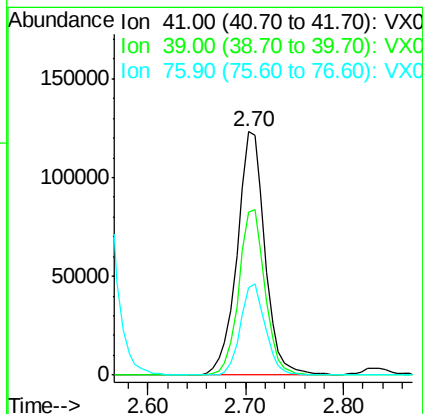
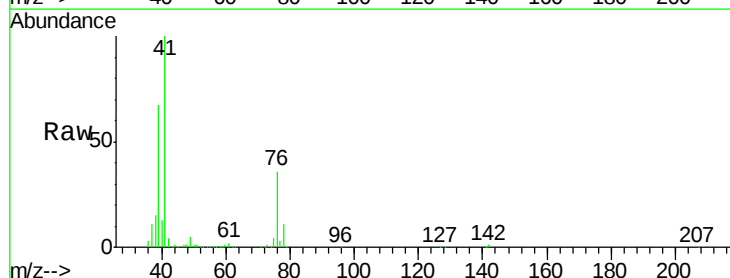
Tgt Ion: 41 Resp: 242767

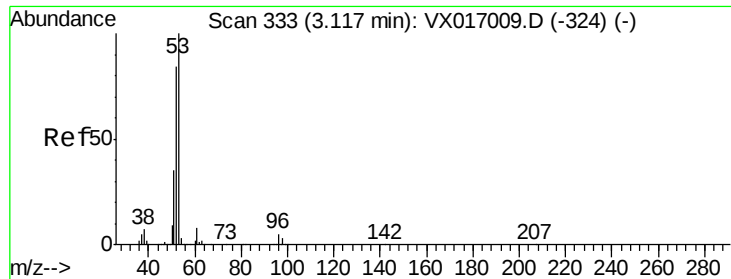
Ion Ratio Lower Upper

41 100

39 64.4 49.4 74.2

76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 252.587 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

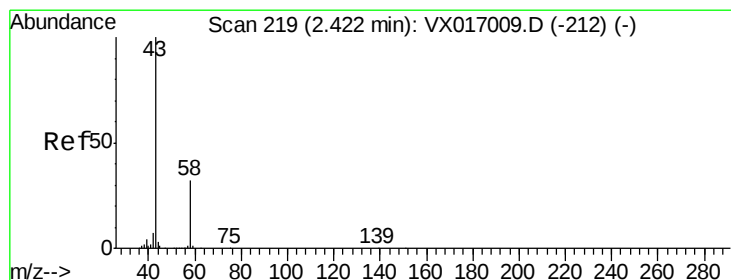
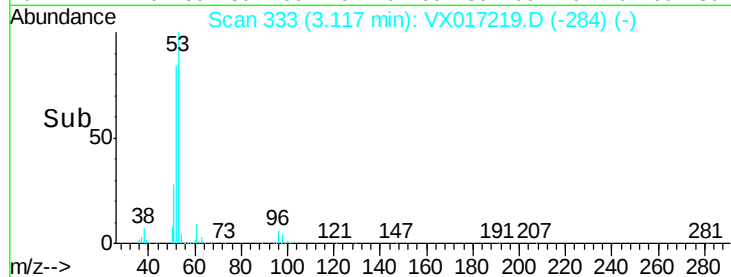
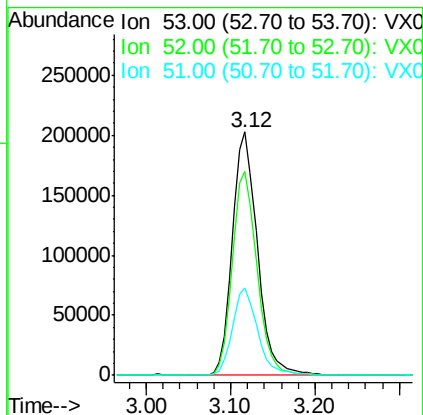
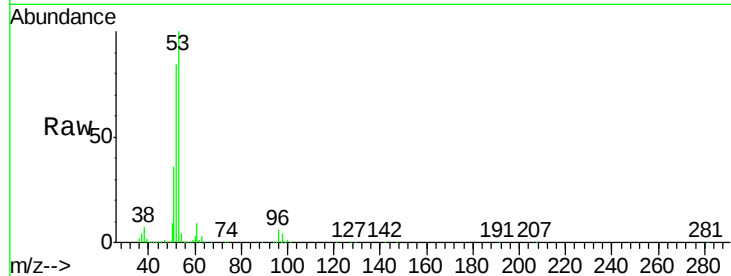
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	406289
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.6	98.4
51	36.2	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 255.812 ug/l

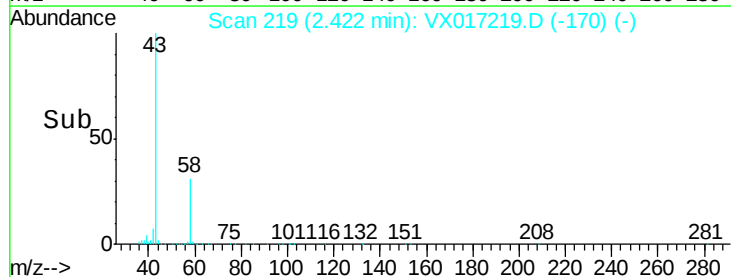
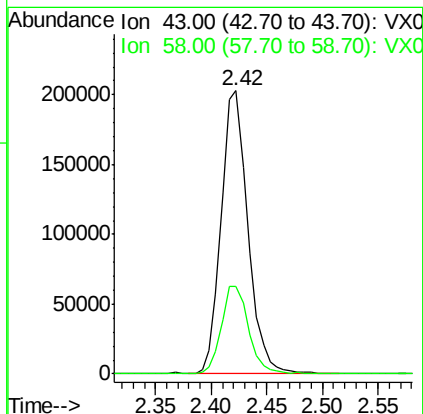
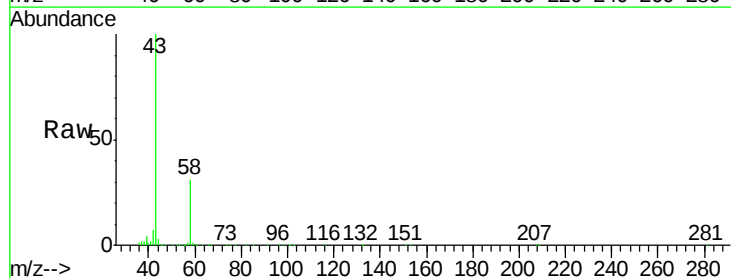
RT: 2.42 min Scan# 219

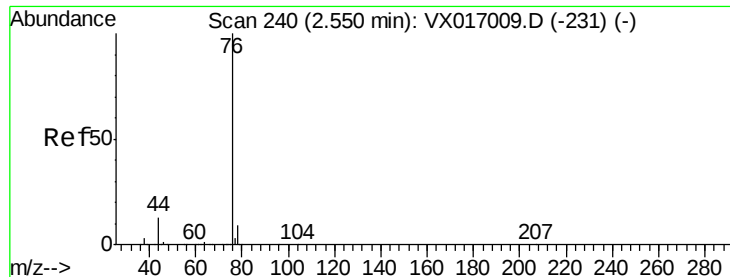
Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Tgt Ion:	43	Resp:	335649
Ion	Ratio	Lower	Upper
43	100		
58	30.7	25.7	38.5





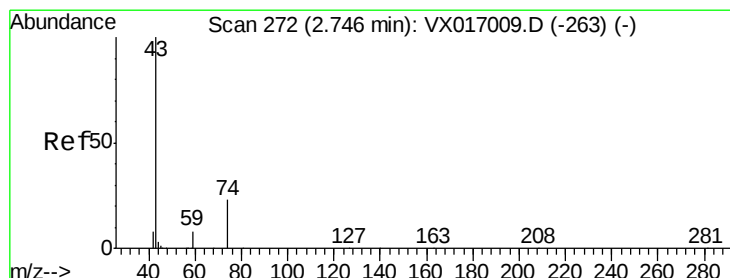
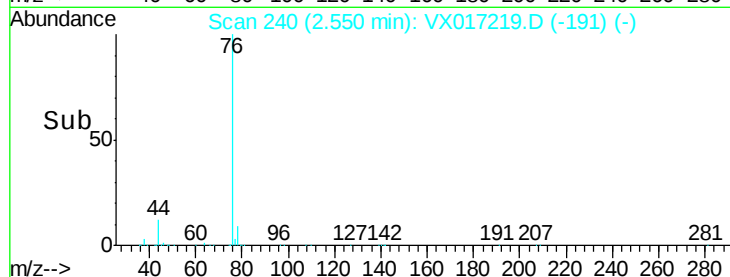
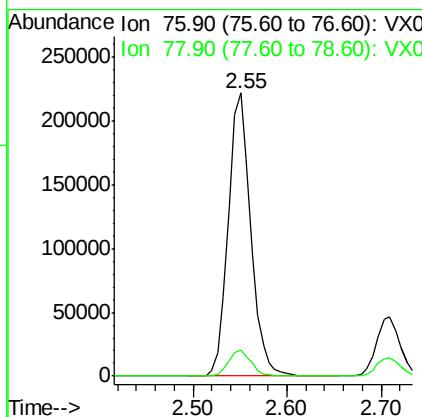
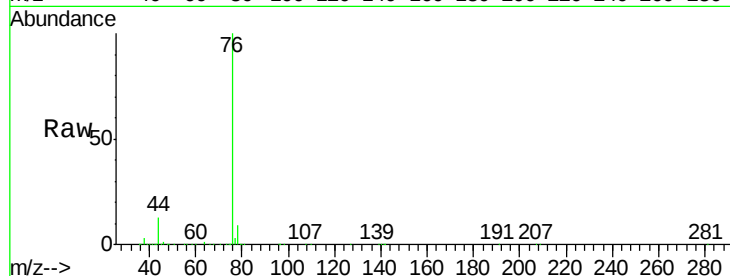
#17
Carbon Disulfide
Concen: 46.854 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

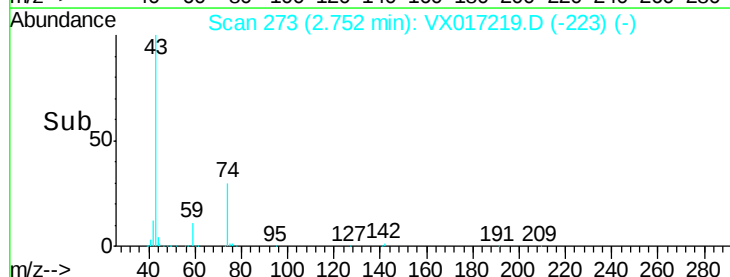
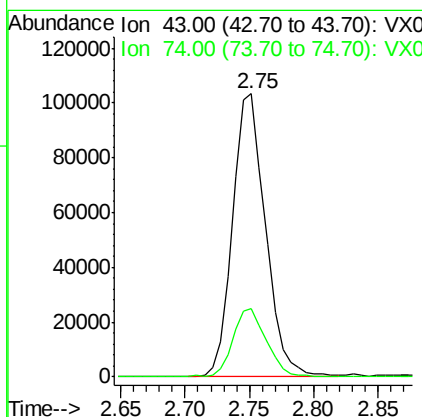
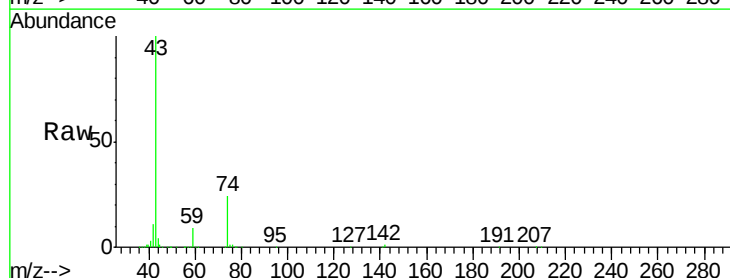
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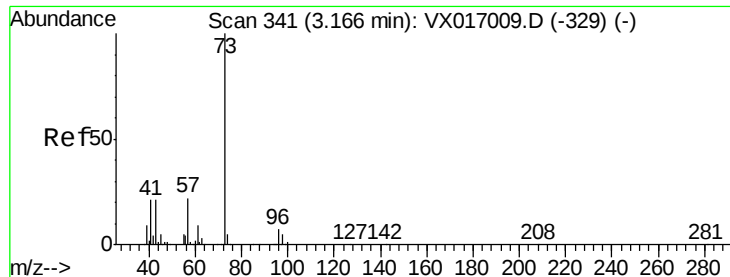
MMDadoda
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#18
Methyl Acetate
Concen: 53.528 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.1	19.3	28.9





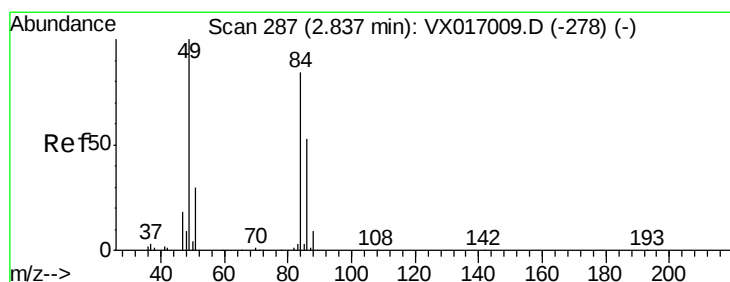
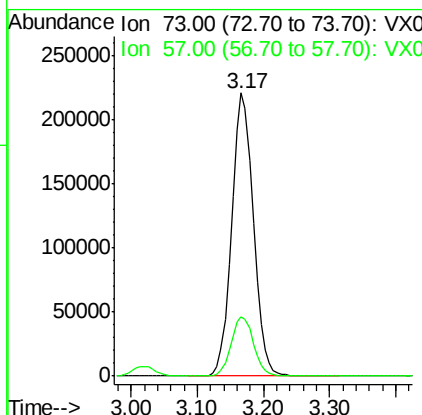
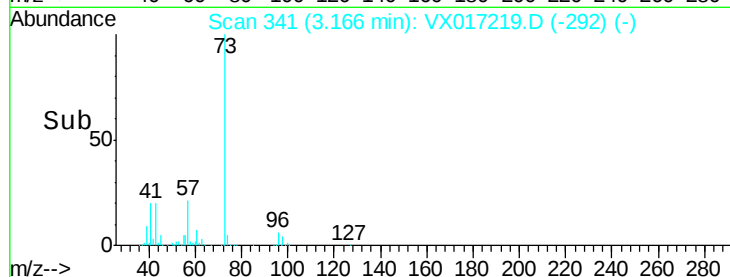
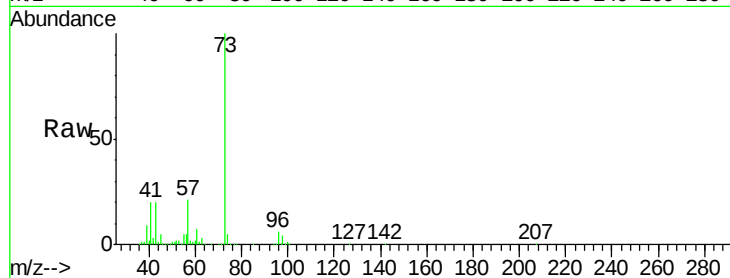
#19
Methvl tert-butvl Ether
Concen: 53.097 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.6	26.4

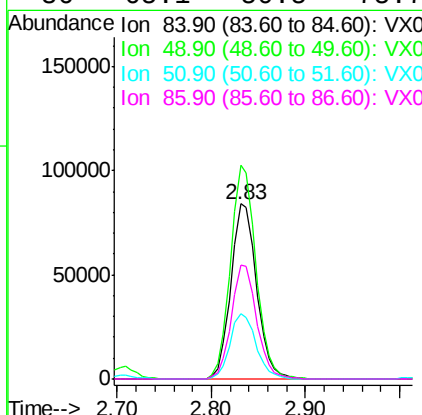
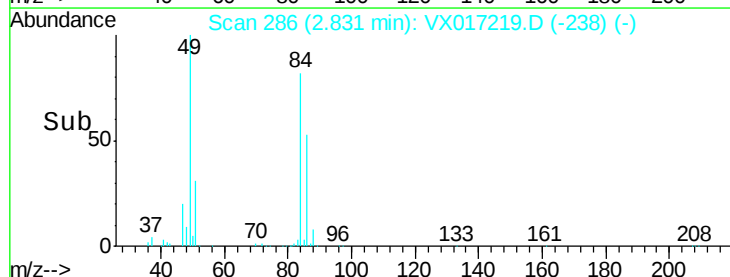
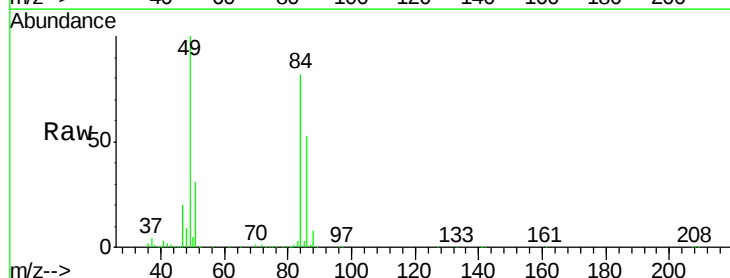
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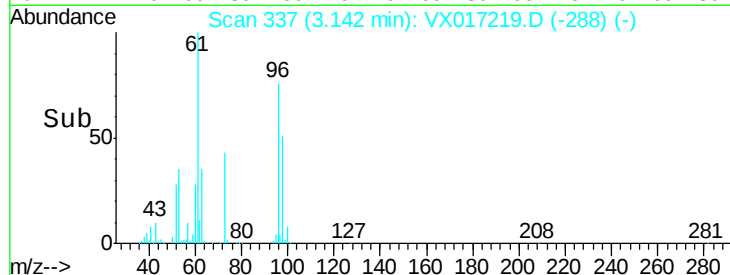
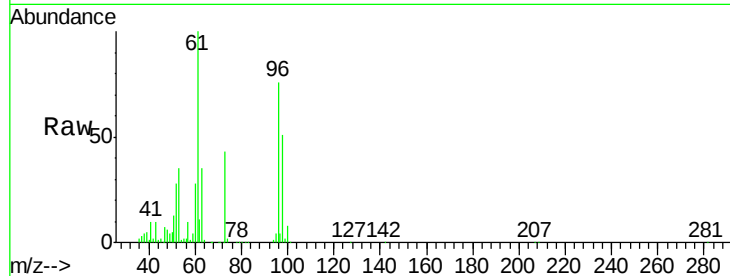
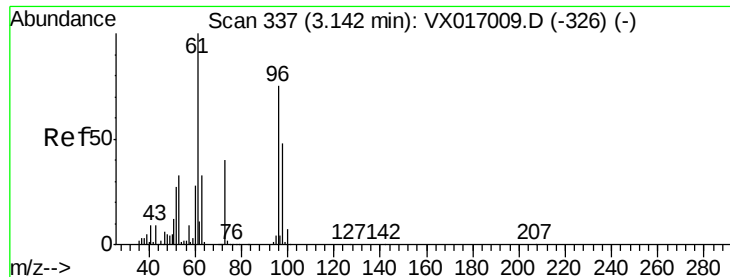
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#20
Methylene Chloride
Concen: 53.093 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.9	94.7	142.1
51	37.6	28.6	42.8
86	65.1	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 49.945 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017219.D

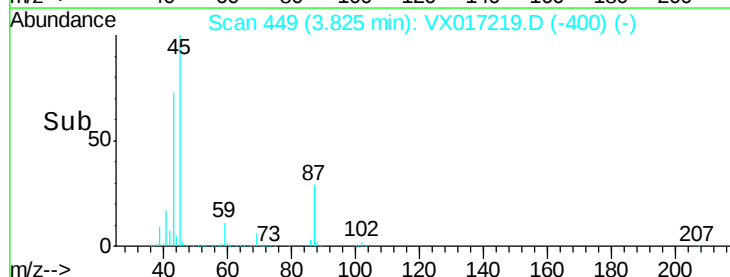
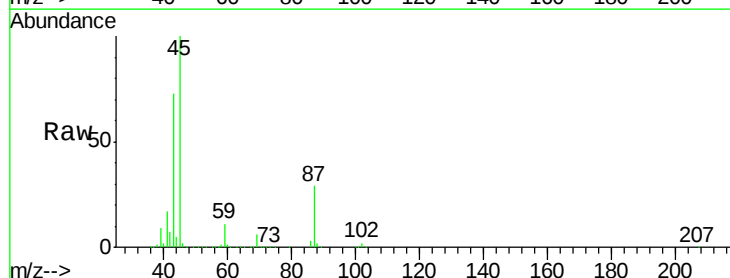
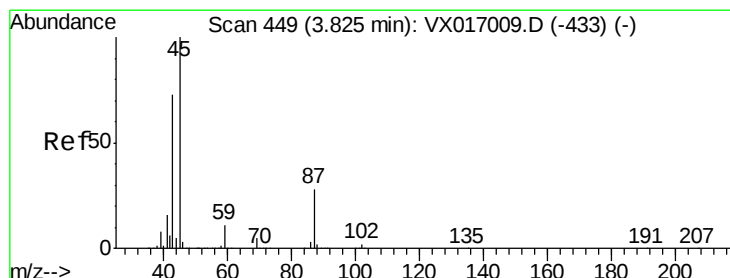
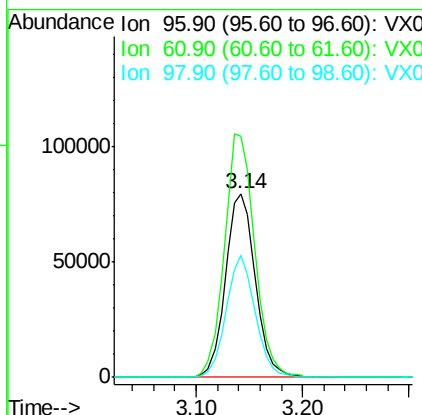
Acq: 07 Jul 2020 21:33

Tot Ion:	96	Resp:	156015
Ion	Ratio	Lower	Upper
96	100		
61	131.3	107.0	160.6
98	66.5	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#22

Diisopropyl ether

Concen: 50.927 ug/l

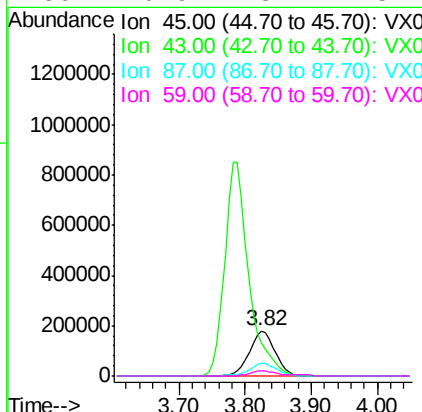
RT: 3.82 min Scan# 449

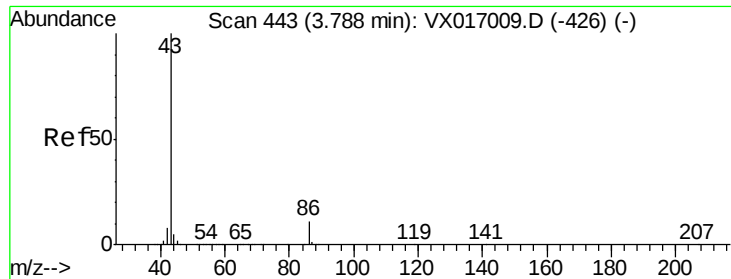
Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Tgt Ion:	45	Resp:	490325
Ion	Ratio	Lower	Upper
45	100		
43	73.0	58.6	88.0
87	28.7	22.6	34.0
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 260.173 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2152527

Ion Ratio Lower Upper

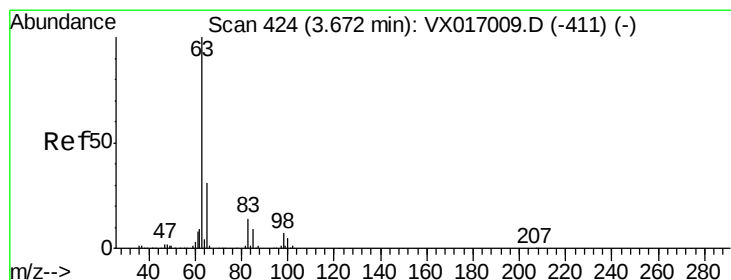
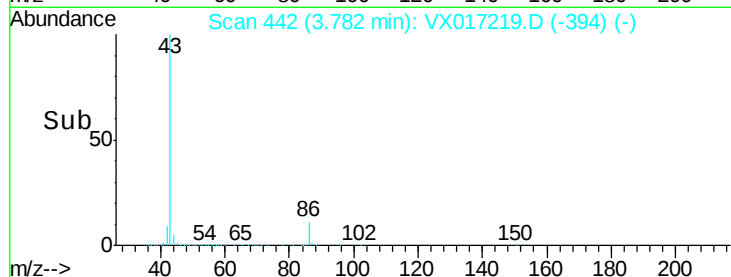
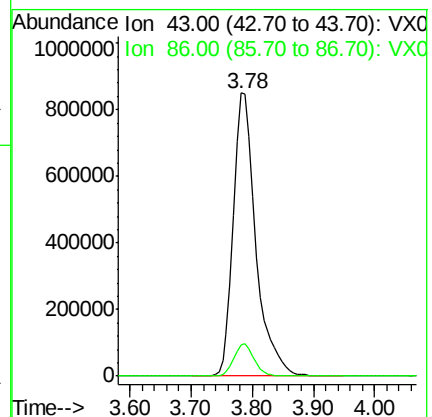
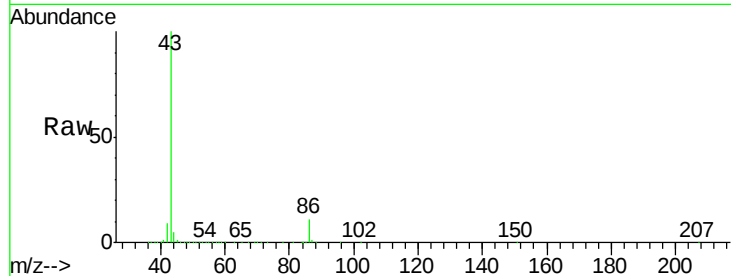
43 100

86 11.1 8.6 13.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 50.870 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

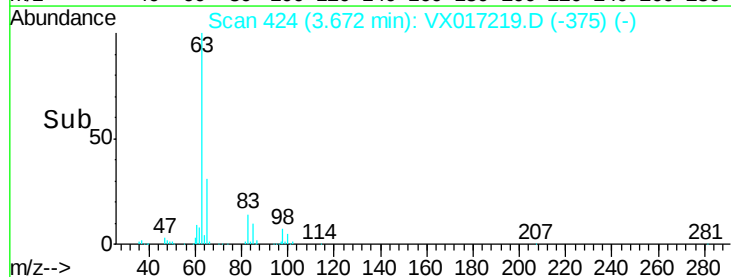
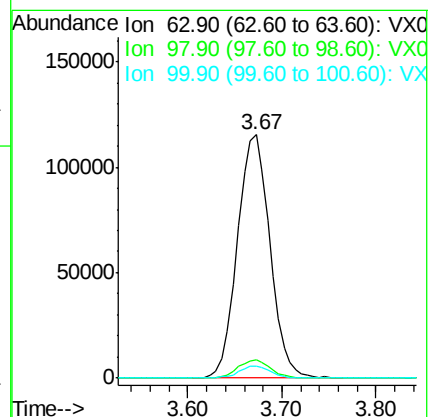
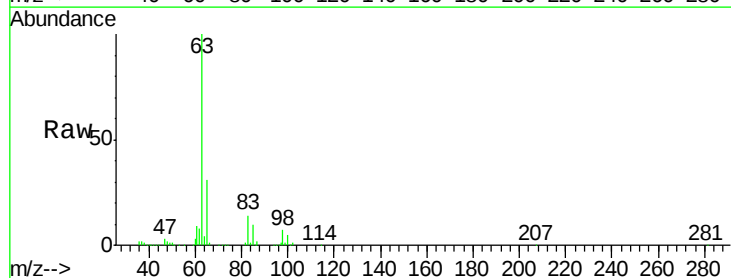
Tgt Ion: 63 Resp: 278679

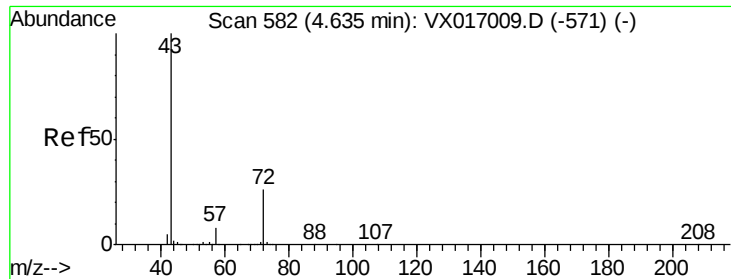
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 252.574 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 552198

Ion Ratio Lower Upper

43 100

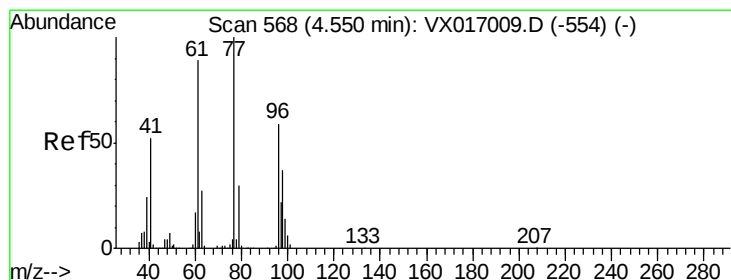
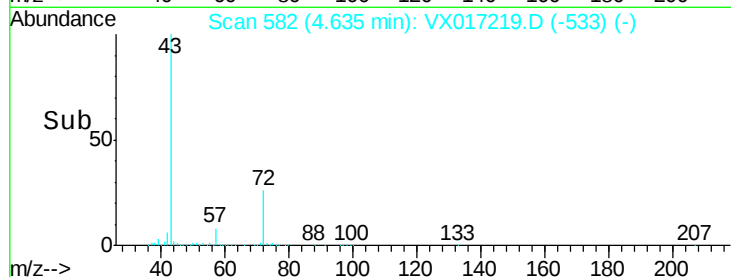
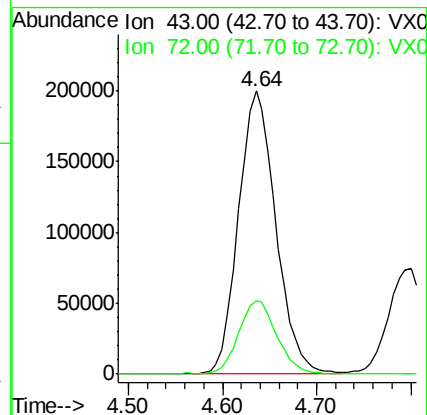
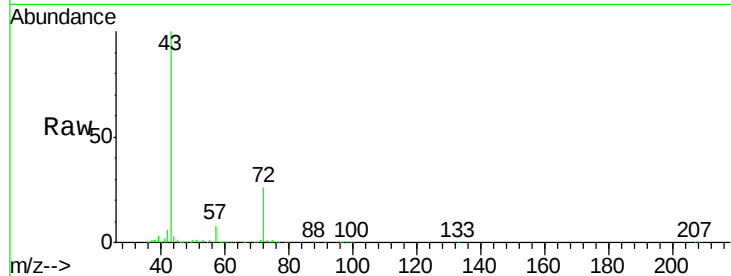
72 25.9 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 45.960 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017219.D

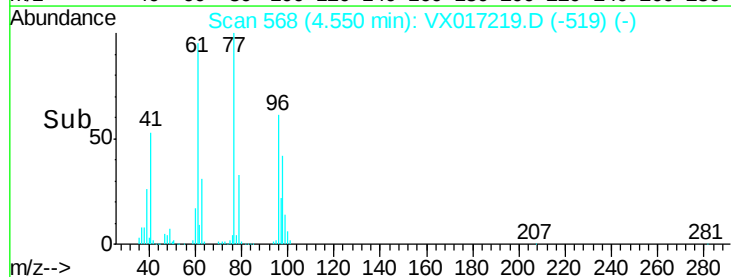
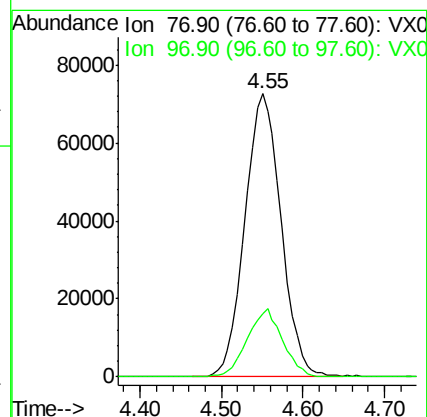
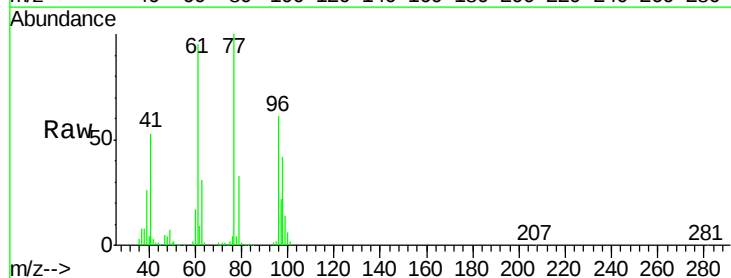
Acq: 07 Jul 2020 21:33

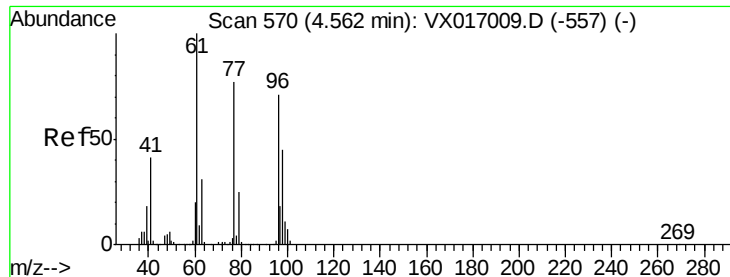
Tgt Ion: 77 Resp: 223558

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.2





#27

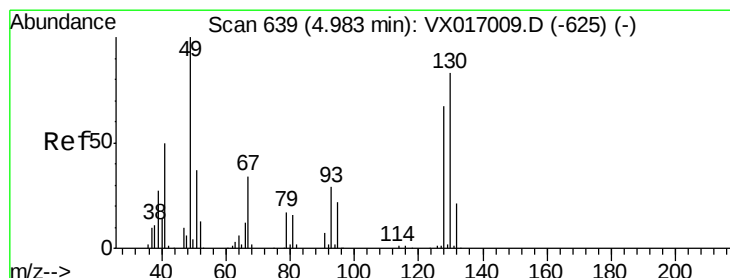
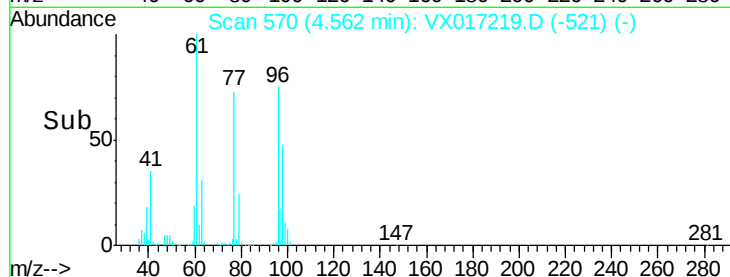
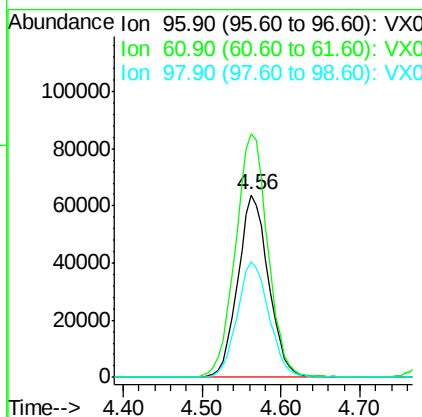
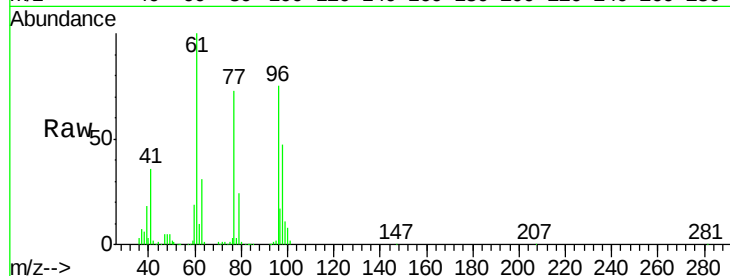
cis-1,2-Dichloroethene
Concen: 48.584 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	171958		
61	141.7	0.0	282.8	
98	66.1	0.0	127.6	

Manual Integrations
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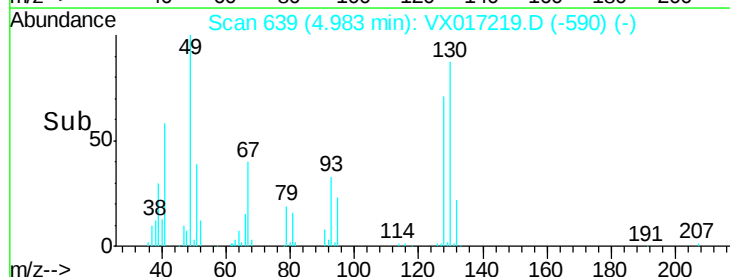
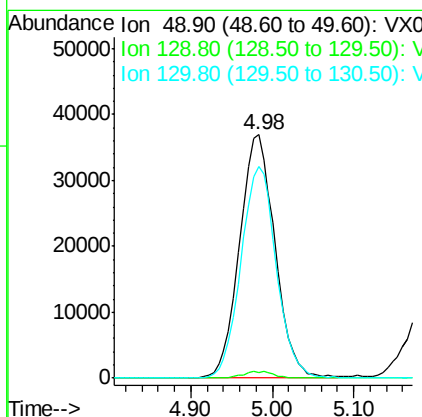
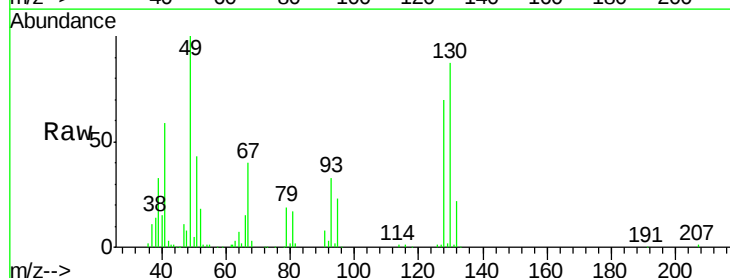
MMDadoda
7/8/2020 9:31:49 AM

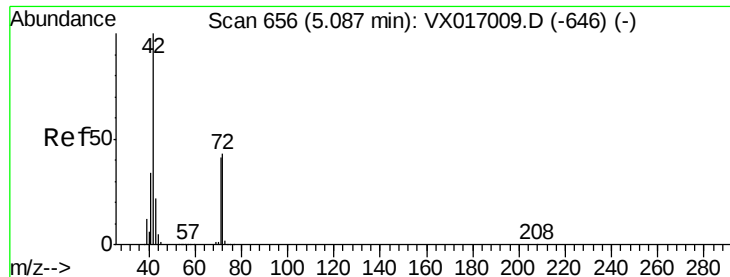


#28

Bromochloromethane
Concen: 41.825 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111499		
129	2.4	0.0	4.2	
130	86.8	66.6	100.0	





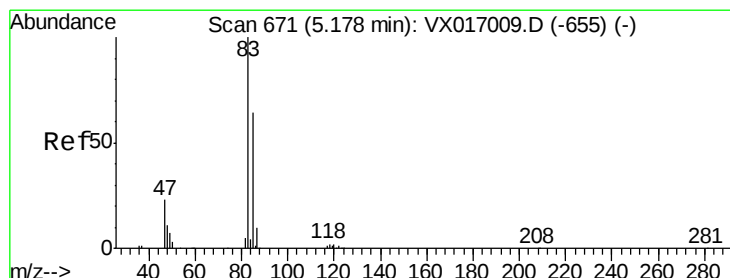
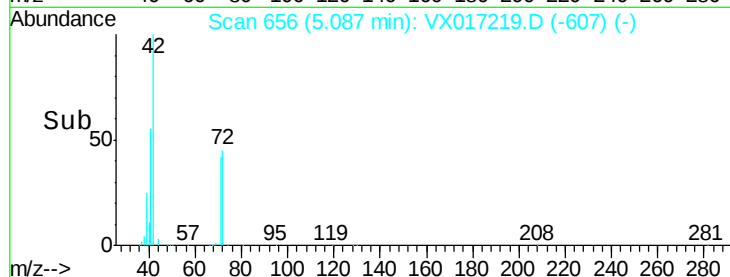
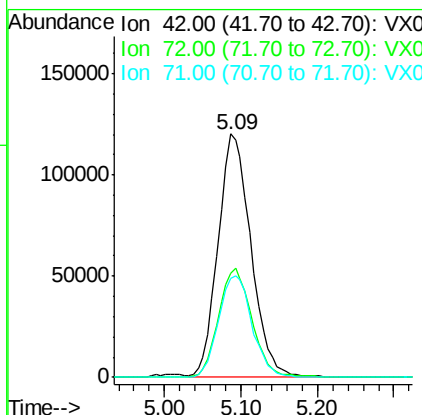
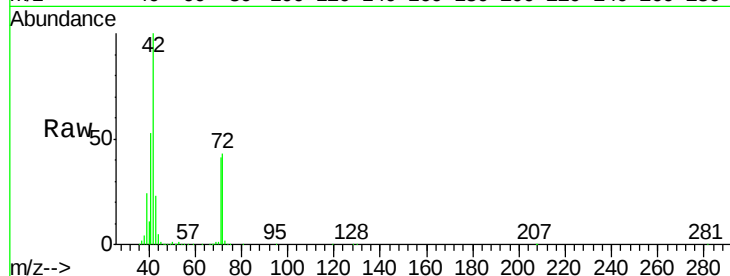
#29
Tetrahydrofuran
Concen: 246.987 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	35.3	52.9
71	42.7	33.1	49.7

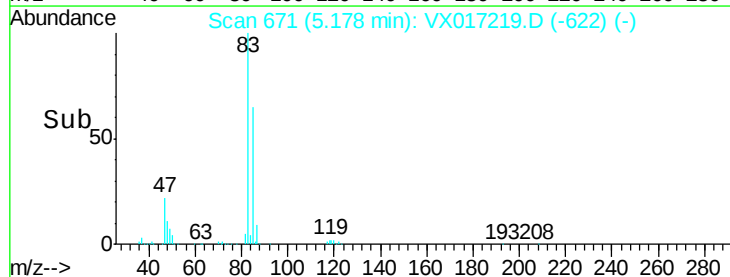
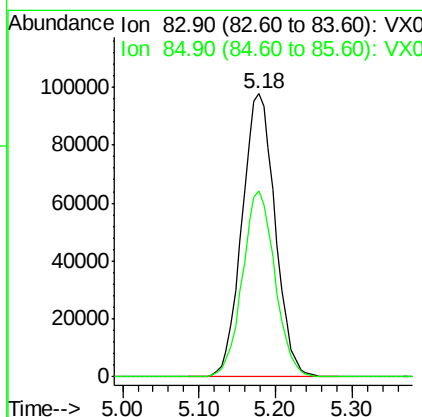
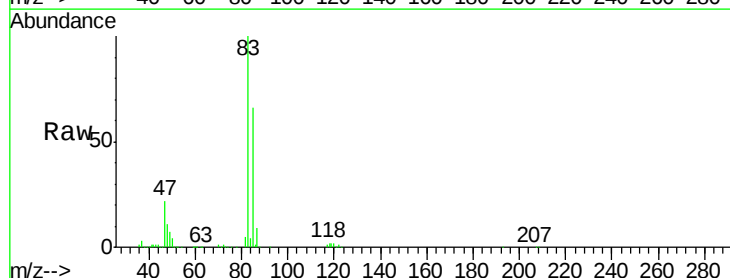
Manual Integrations
APPROVED

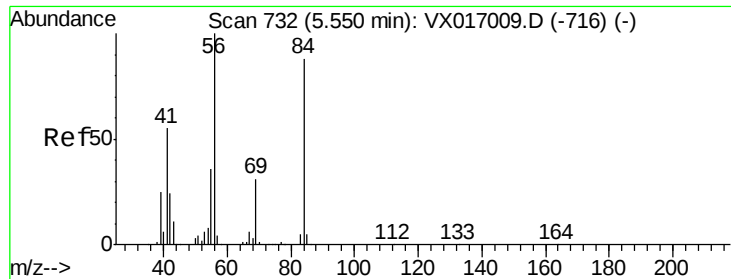
MMDadoda
7/8/2020 9:31:49 AM



#30
Chloroform
Concen: 52.339 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.4	77.2





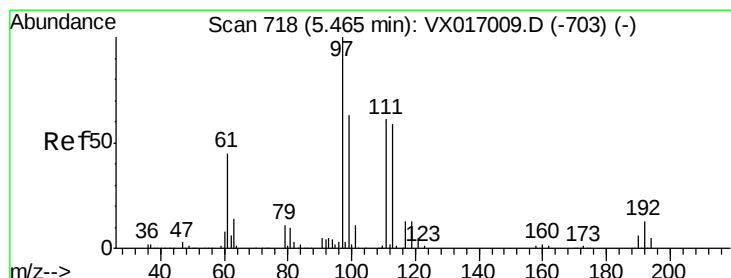
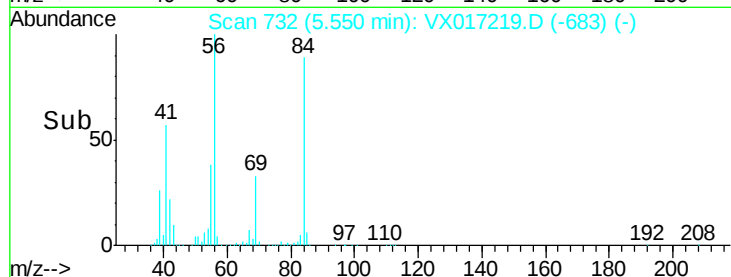
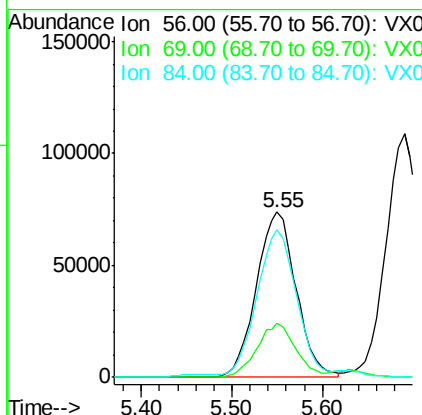
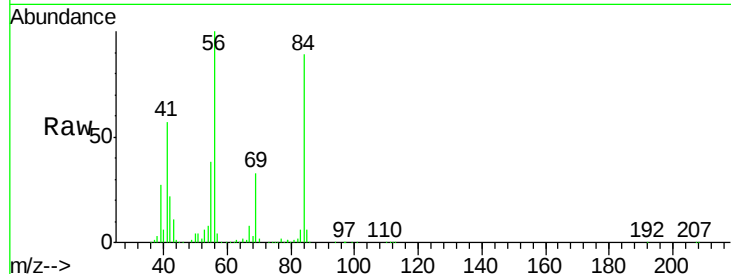
#31
Cvclohexane
Concen: 47.366 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.7	25.0	37.4
84	87.5	69.1	103.7

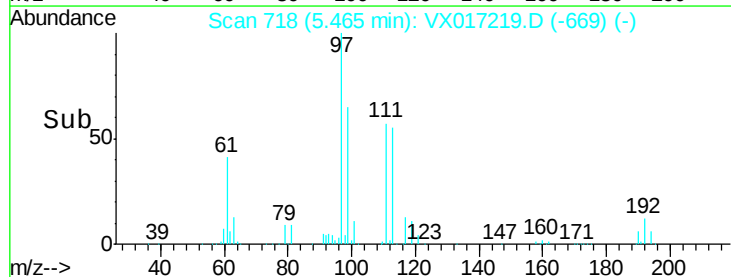
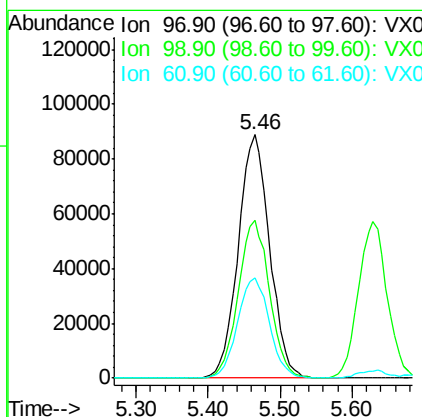
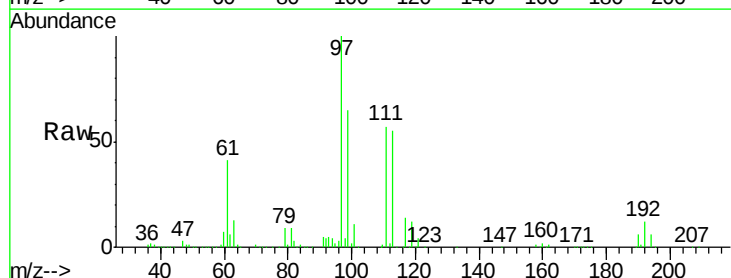
Manual Integrations
APPROVED

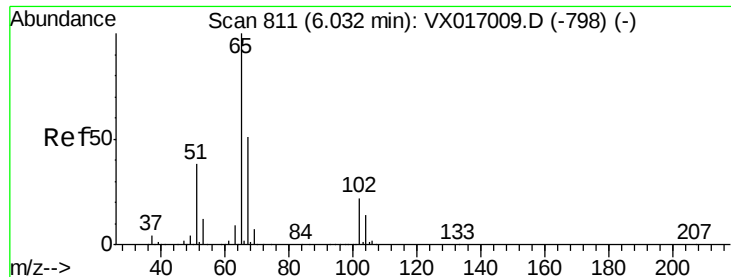
MMDadoda
7/8/2020 9:31:49 AM



#32
1,1,1-Trichloroethane
Concen: 51.952 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.8	76.2
61	41.8	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 48.952 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 171696

Ion Ratio Lower Upper

65 100

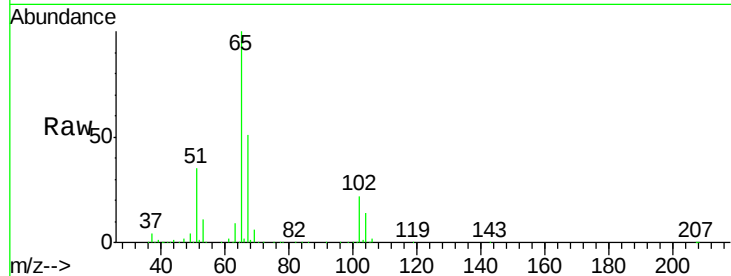
67 51.4 0.0 103.8

Manual Integrations

APPROVED

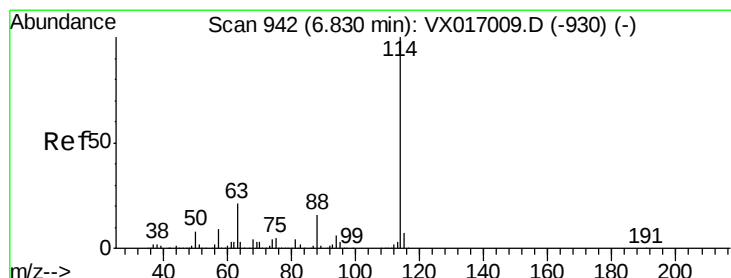
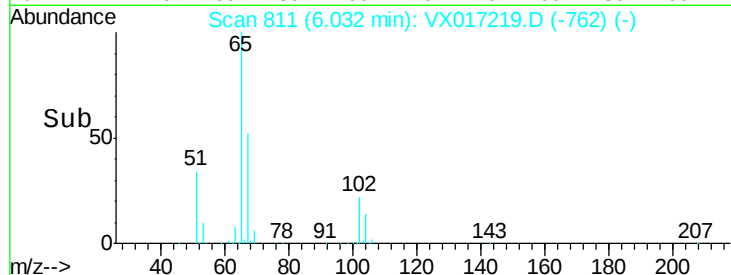
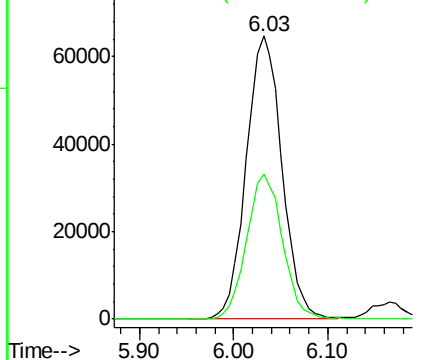
MMDadoda

7/8/2020 9:31:49 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

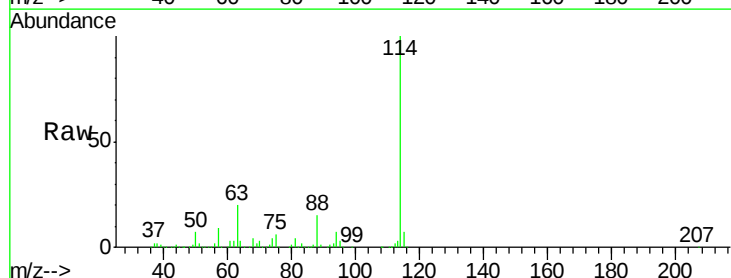
Tgt Ion: 114 Resp: 426532

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

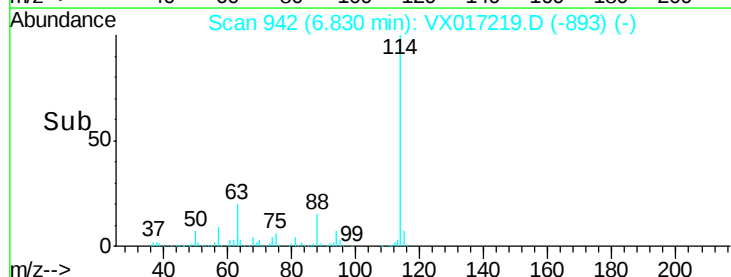
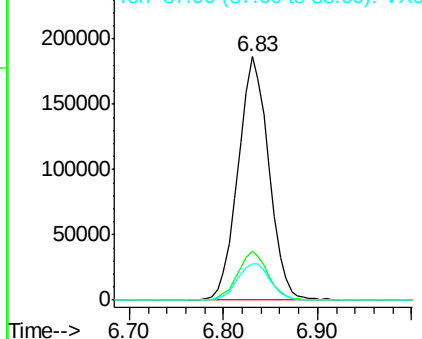
88 15.0 0.0 32.4

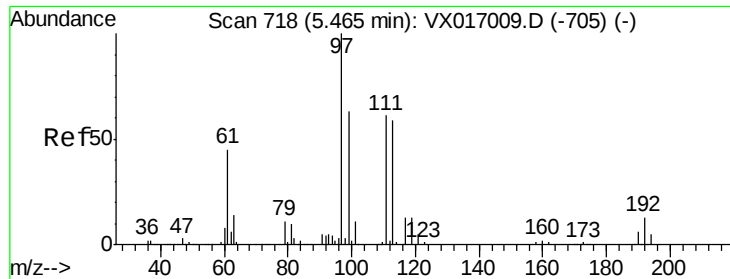


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





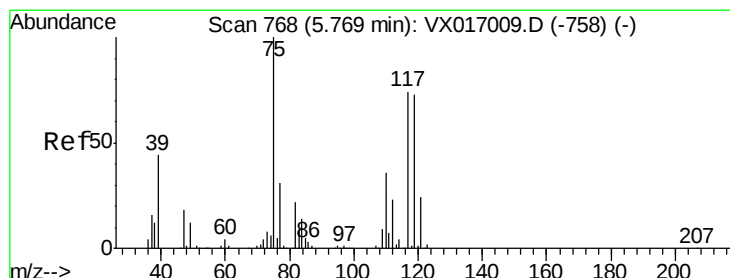
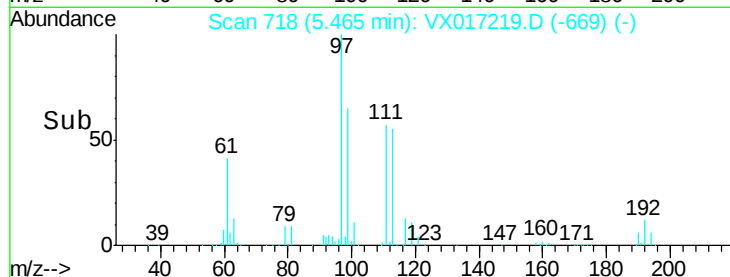
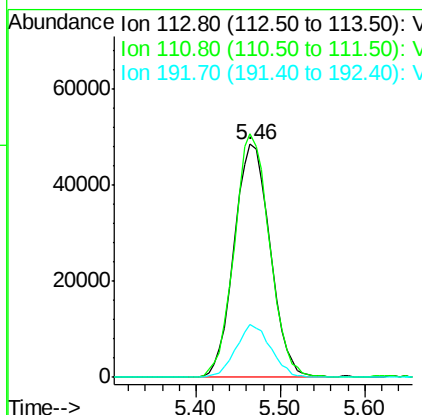
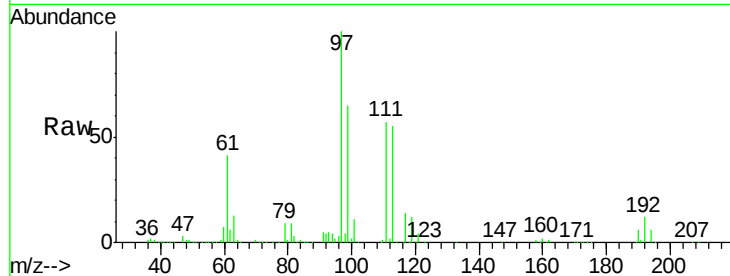
#35
Dibromofluoromethane
Concen: 52.137 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140672		
111	101.9	81.9	122.9	
192	22.0	16.7	25.1	

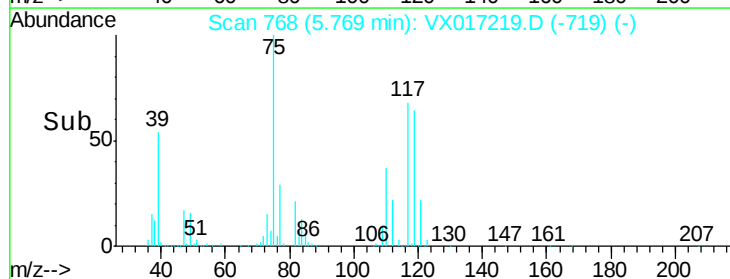
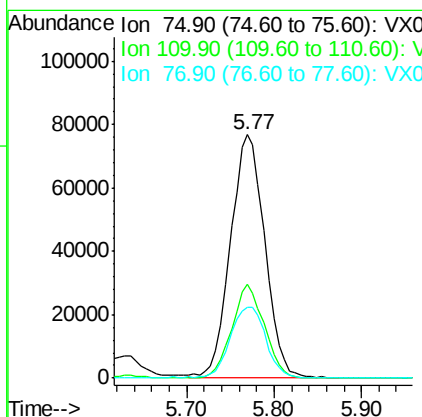
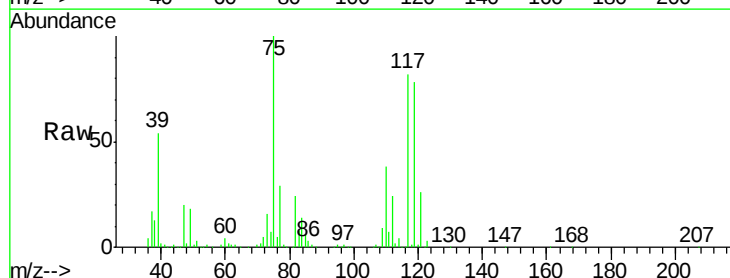
Manual Integrations
APPROVED

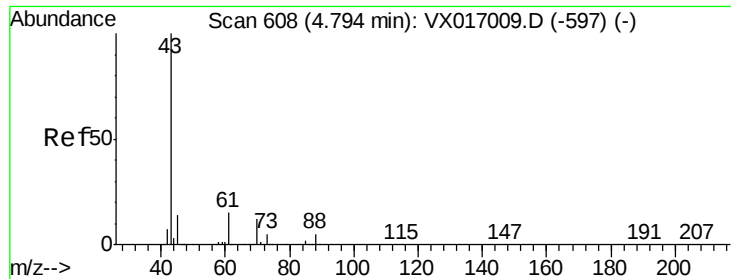
MMDadoda
7/8/2020 9:31:49 AM



#36
1,1-Dichloropropene
Concen: 51.605 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	208032		
110	36.7	18.1	54.1	
77	30.4	24.6	37.0	





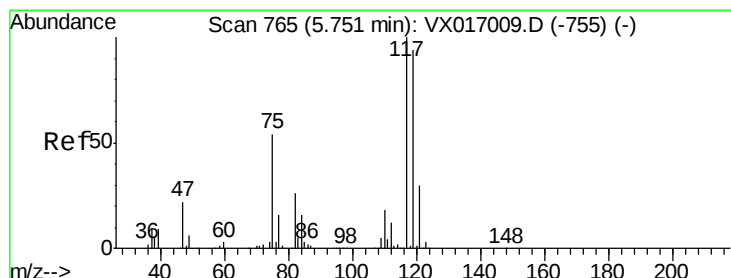
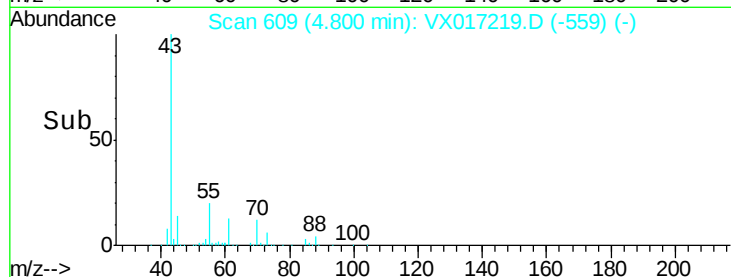
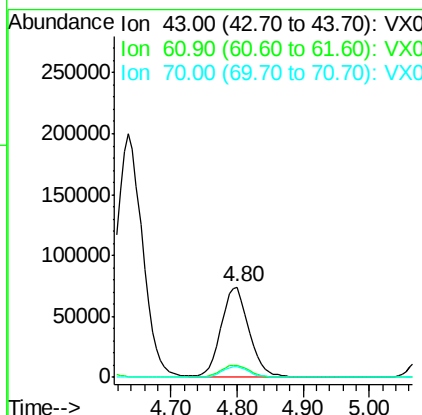
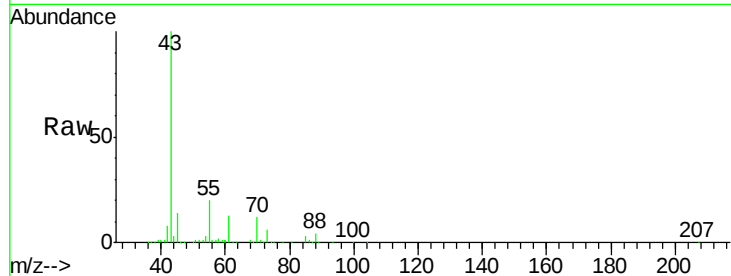
#37
Ethyl Acetate
Concen: 52.881 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.0	16.4
70	11.5	8.9	13.3

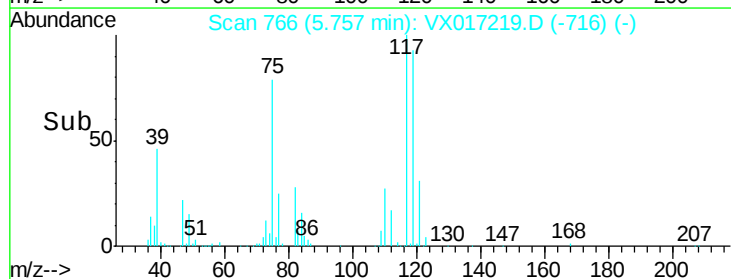
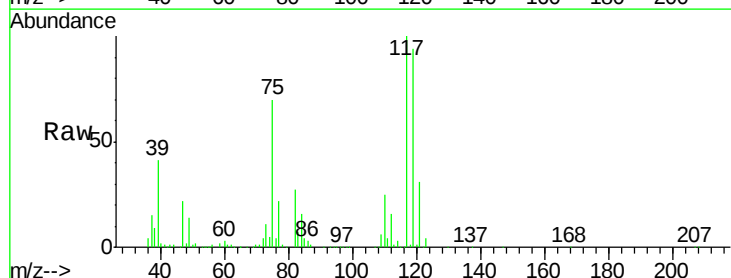
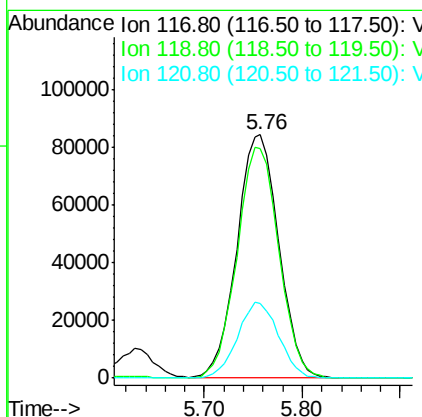
Manual Integrations
APPROVED

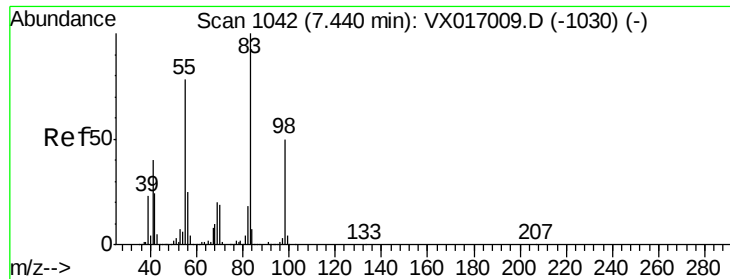
MMDadoda
7/8/2020 9:31:49 AM



#38
Carbon Tetrachloride
Concen: 56.263 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.4	113.0
121	30.7	23.8	35.6





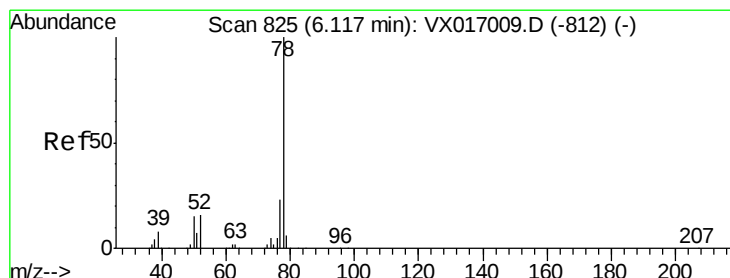
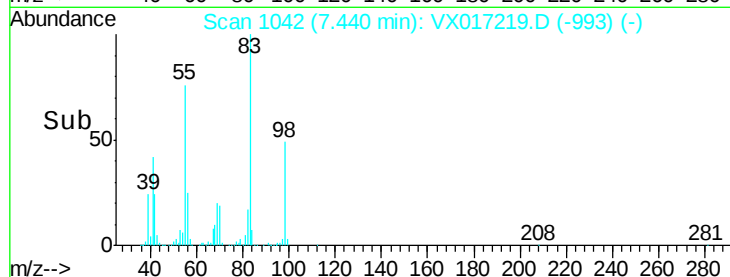
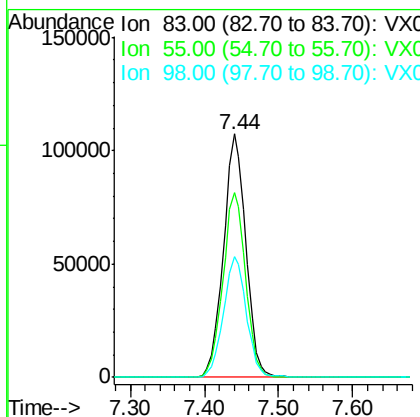
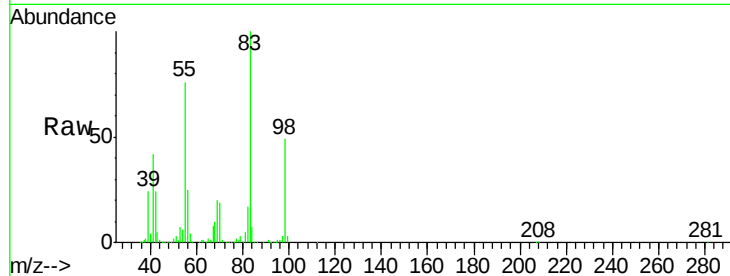
#39
Methvlcvclohexane
Concen: 50.315 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	225675		
55	76.0		62.5	93.7
98	49.5		40.1	60.1

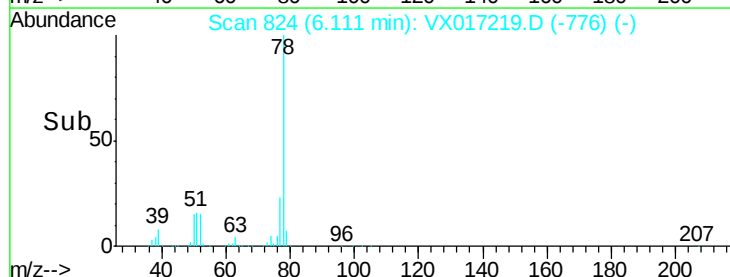
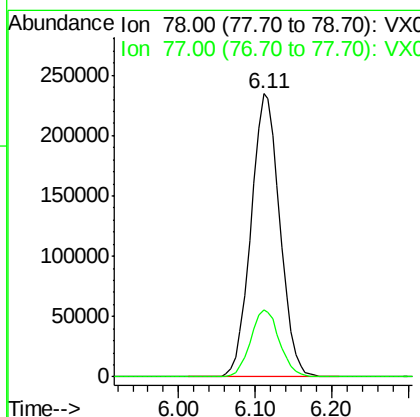
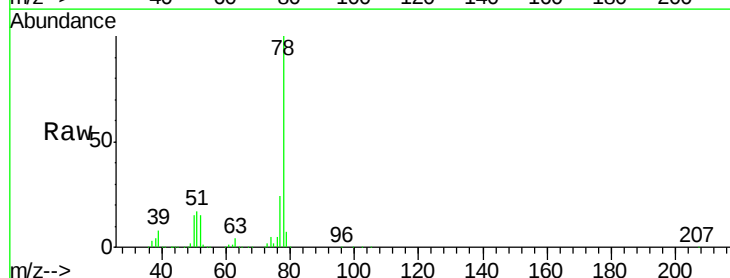
Manual Integrations
APPROVED

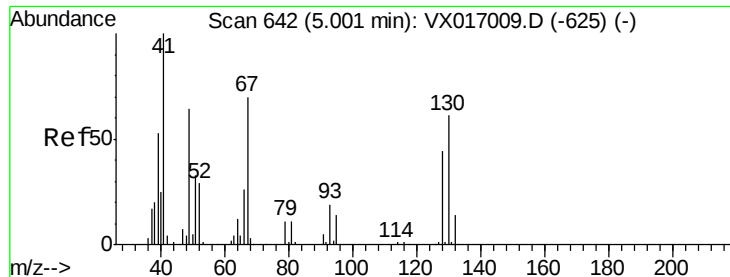
MMDadoda
7/8/2020 9:31:49 AM



#40
Benzene
Concen: 52.023 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	616183		
77	23.8		18.3	27.5





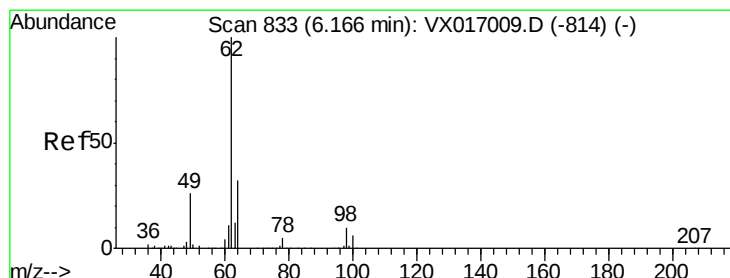
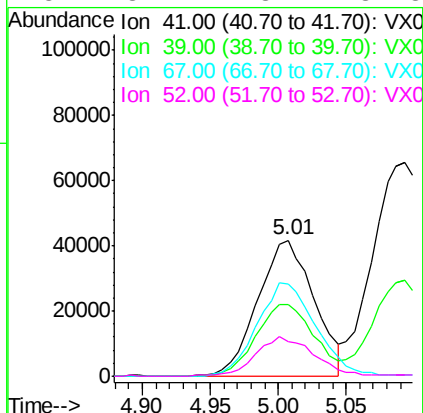
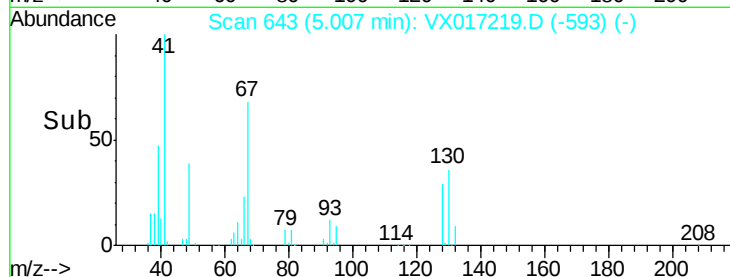
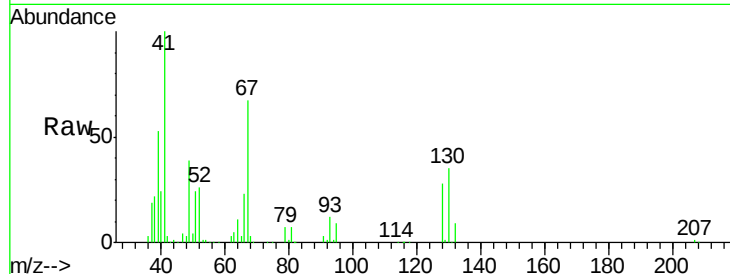
#41
Methacrylonitrile
Concen: 52.187 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.4	66.6
67	72.3	57.1	85.7
52	31.1	23.2	34.8

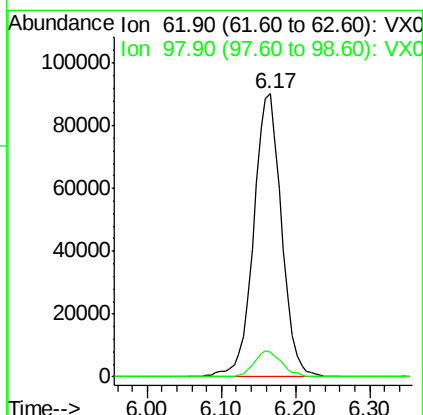
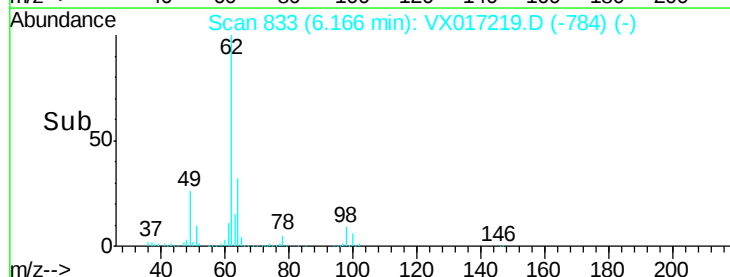
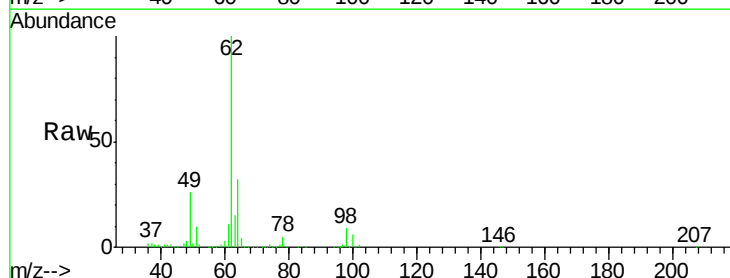
Manual Integrations
APPROVED

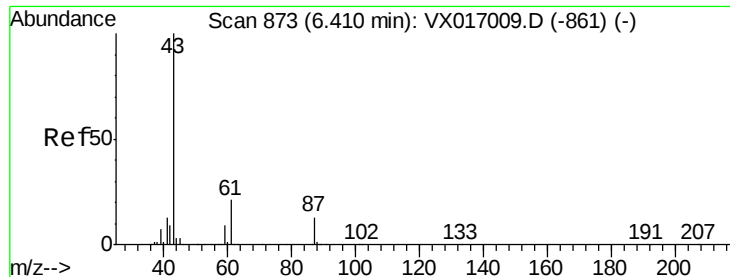
MMDadoda
7/8/2020 9:31:49 AM



#42
1,2-Dichloroethane
Concen: 55.192 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43

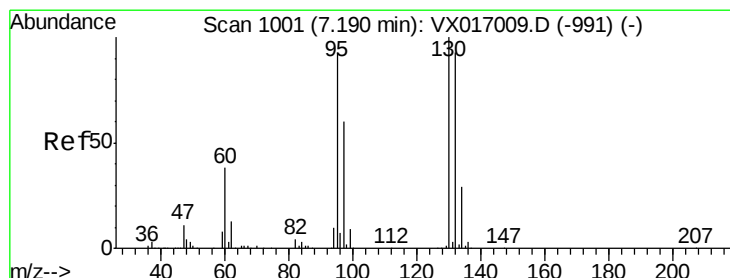
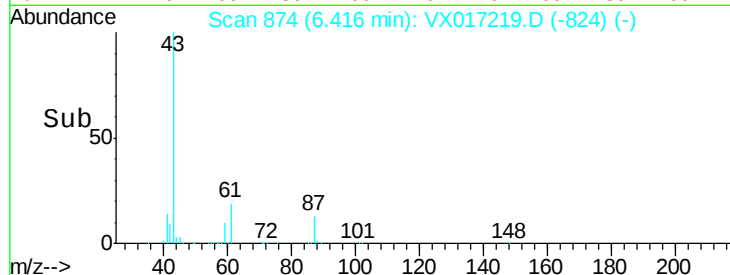
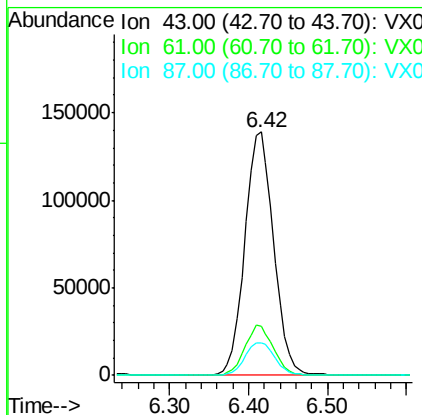
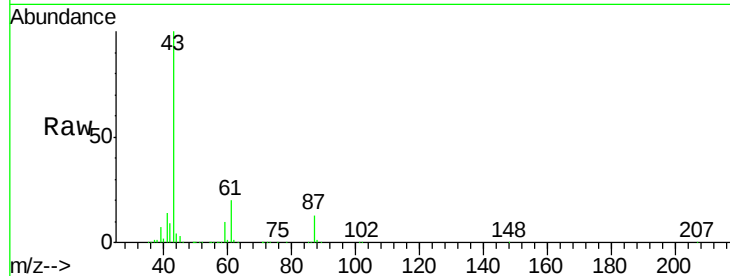
Isopropyl Acetate
 Concen: 51.599 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.2	24.2
87	14.1	10.7	16.1

Manual Integrations
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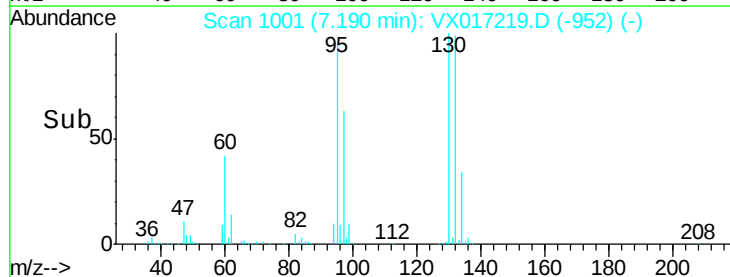
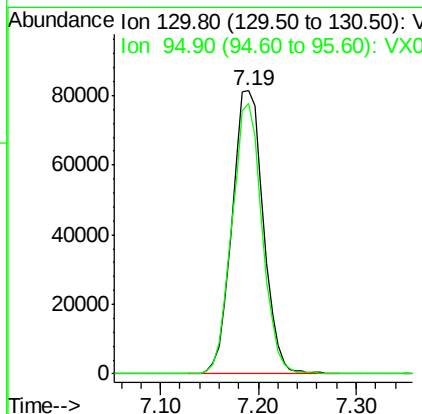
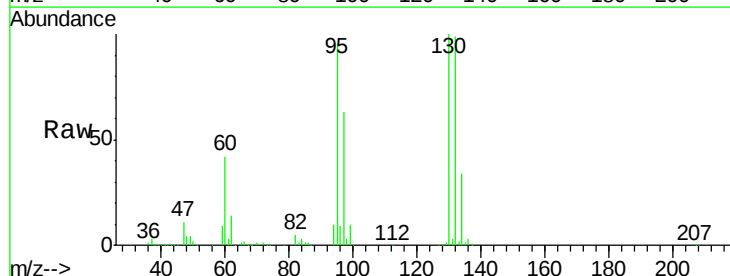
MMDadoda
 7/8/2020 9:31:49 AM

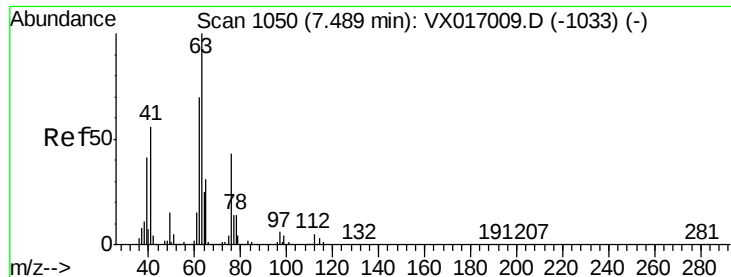


#44

Trichloroethene
 Concen: 55.317 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	185.0





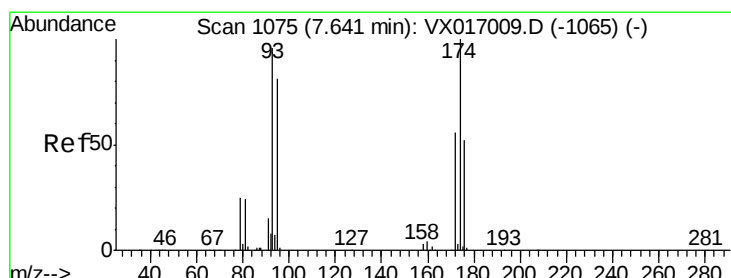
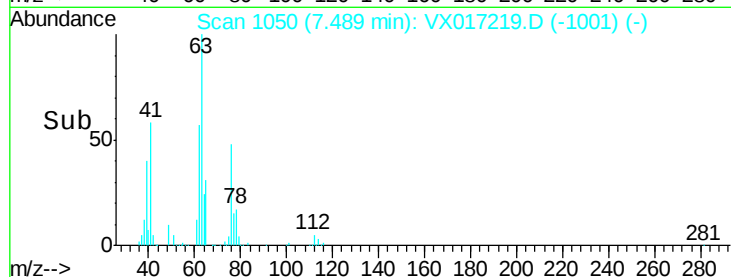
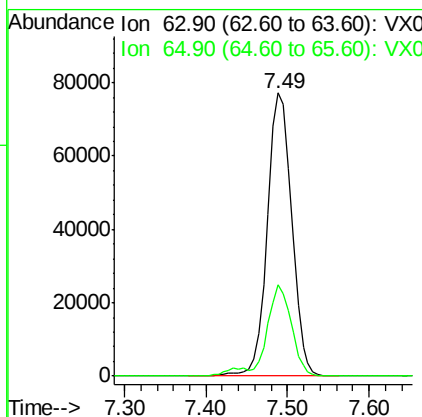
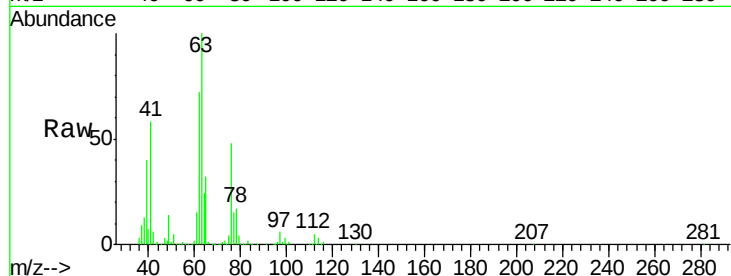
#45
 1,2-Dichloropropane
 Concen: 52.730 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	160412		
65	32.3		24.6	36.8

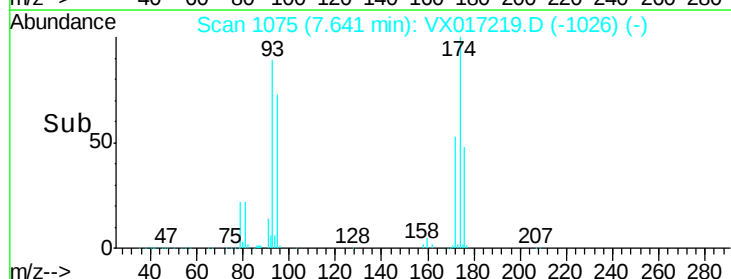
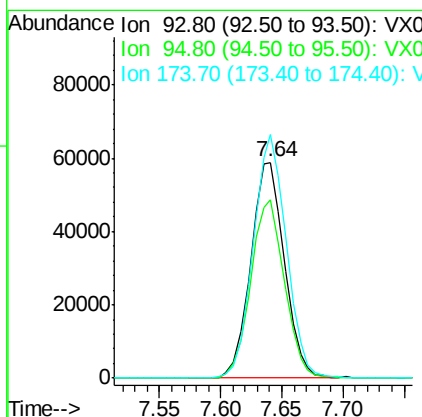
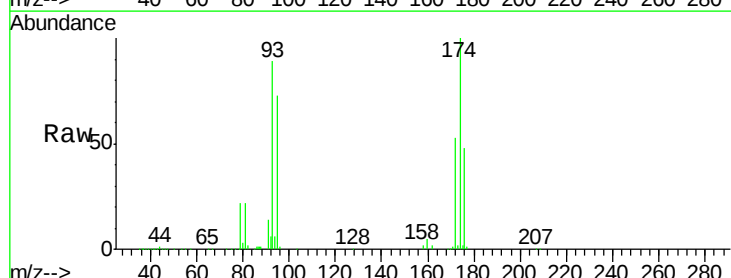
Manual Integrations
 APPROVED

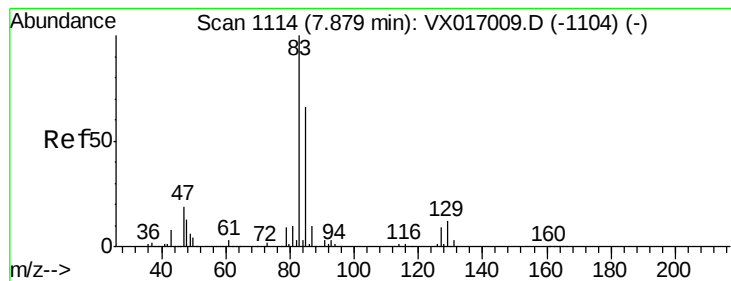
MMDadoda
 7/8/2020 9:31:49 AM



#46
 Dibromomethane
 Concen: 54.241 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	112656		
95	83.4		67.4	101.0
174	111.4		84.3	126.5





#47

Bromodichloromethane

Concen: 55.879 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

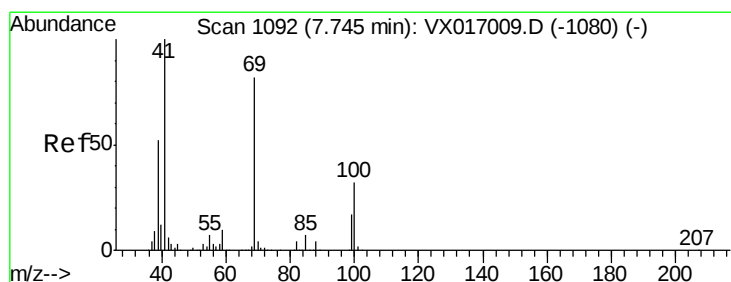
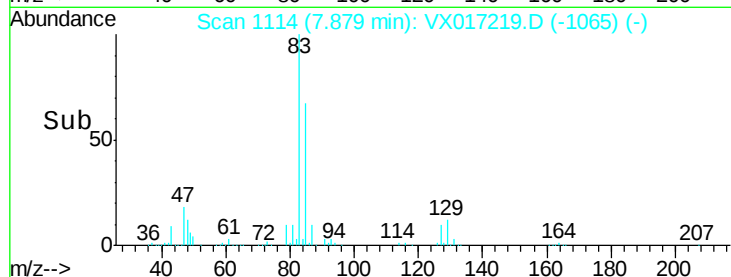
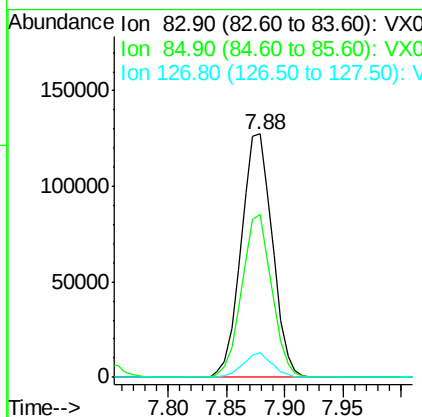
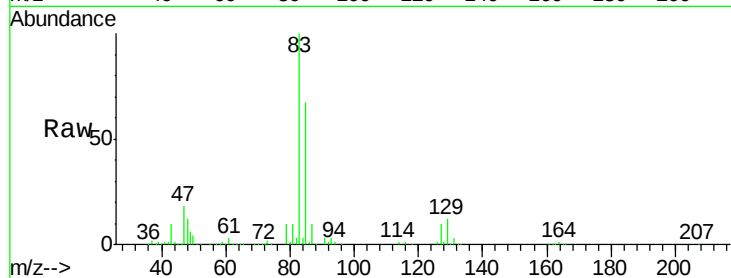
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	239173
Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.0	79.4
127	10.3	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.071 ug/l

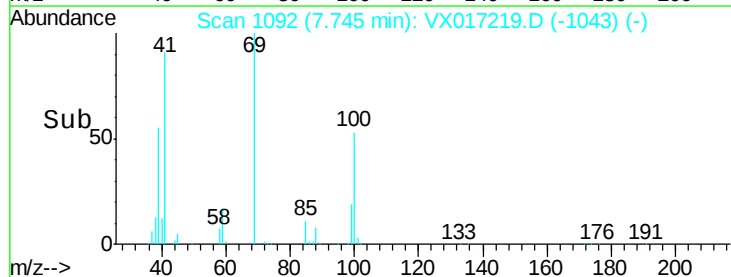
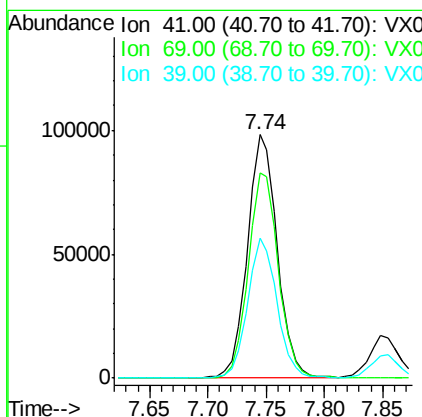
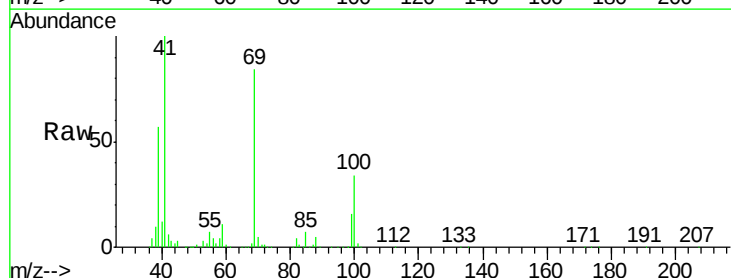
RT: 7.74 min Scan# 1092

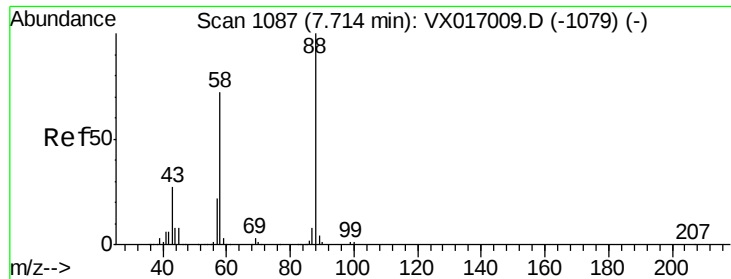
Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Tgt Ion:	41	Resp:	174598
Ion	Ratio	Lower	Upper
41	100		
69	86.2	65.8	98.8
39	56.8	42.5	63.7





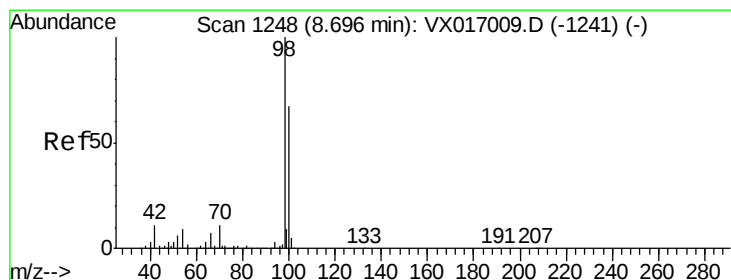
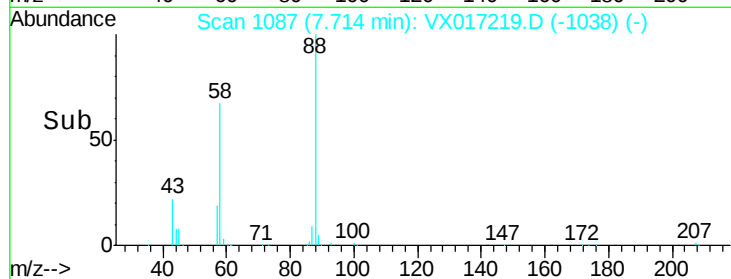
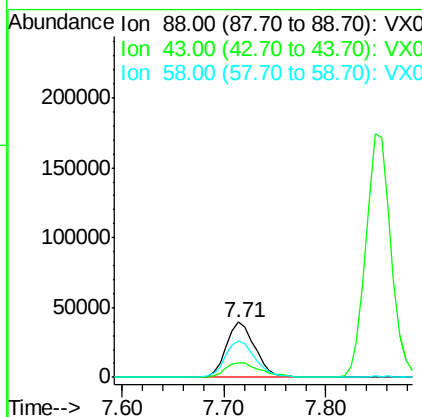
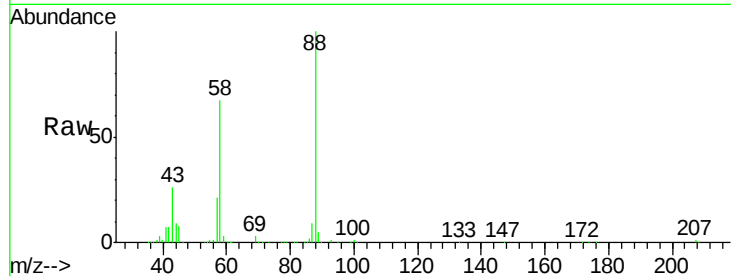
#49
1,4-Dioxane
Concen: 1058.261 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	25.8	38.8
58	70.1	54.8	82.2

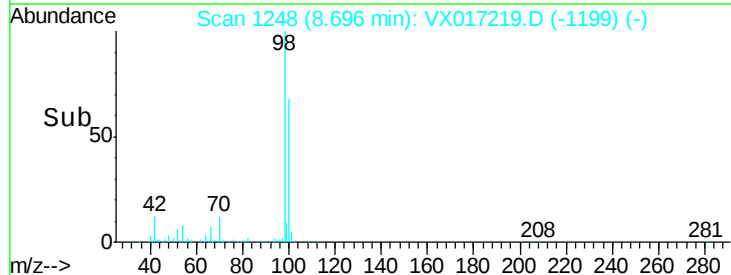
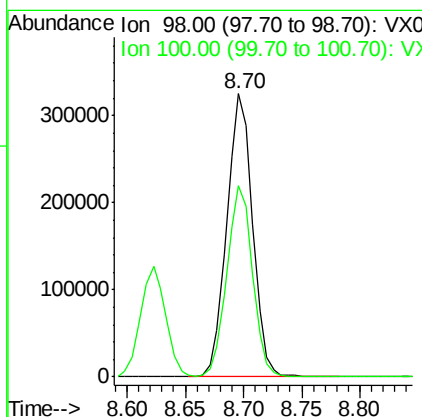
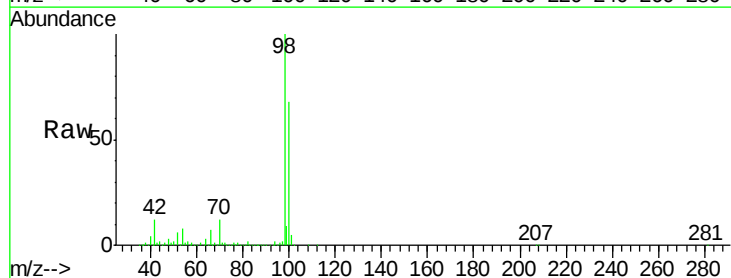
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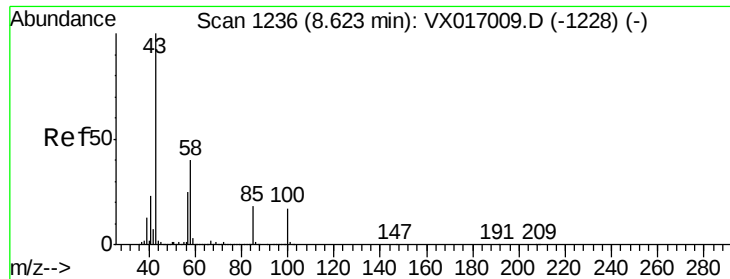
MMDadoda
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#50
Toluene-d8
Concen: 50.087 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.8	80.6





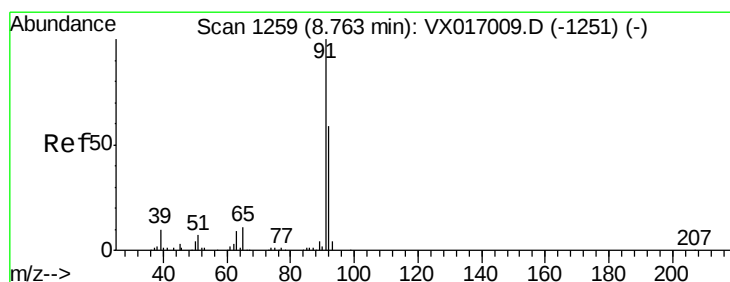
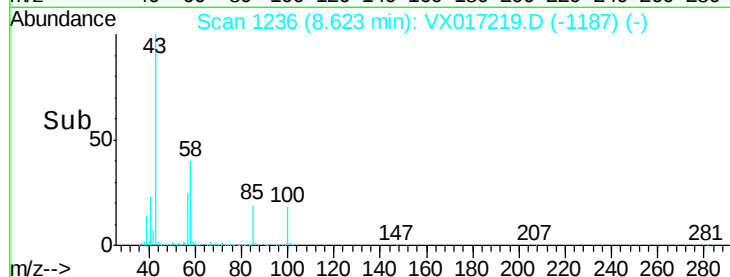
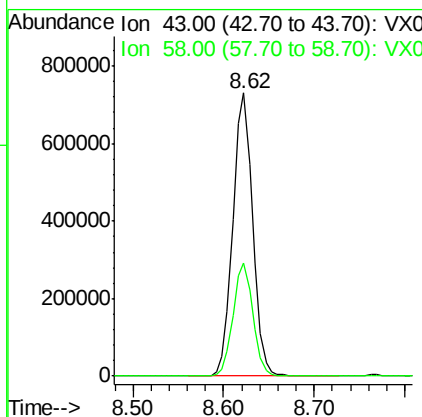
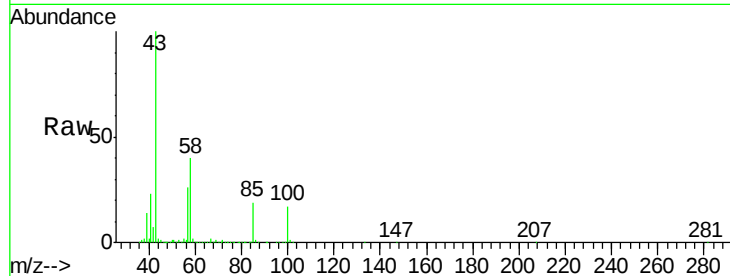
#51
 4-Methyl-2-Pentanone
 Concen: 274.391 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1111682
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.9 47.9

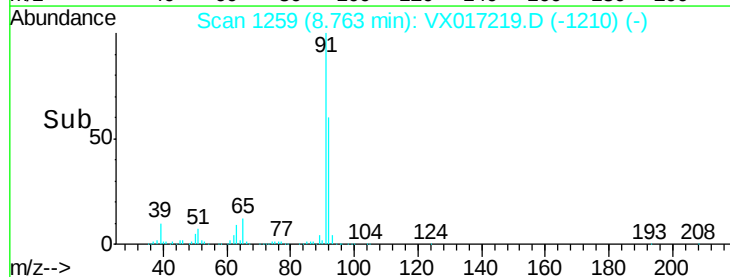
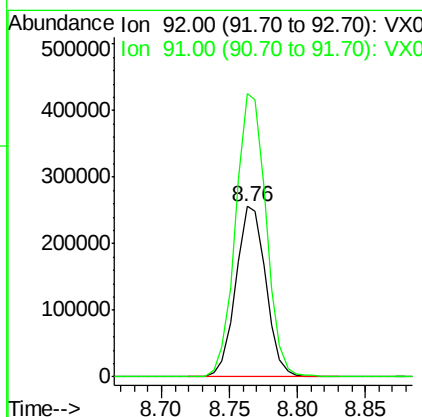
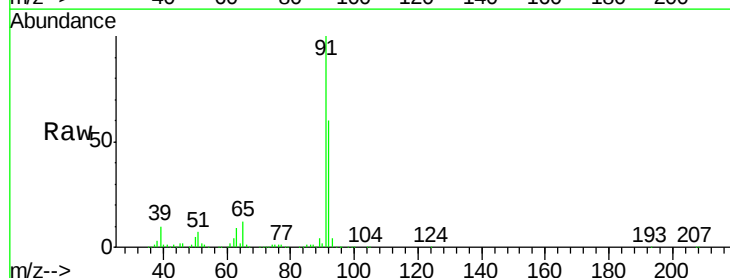
Manual Integrations
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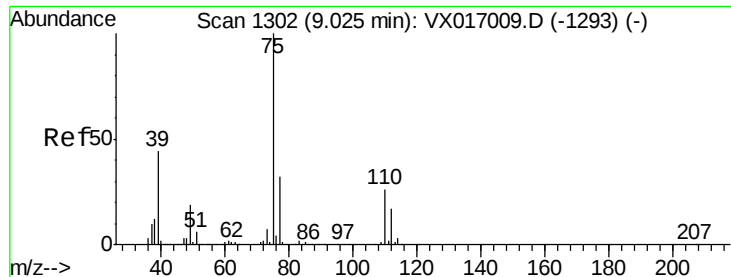
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#52
 Toluene
 Concen: 53.377 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion: 92 Resp: 394723
 Ion Ratio Lower Upper
 92 100
 91 168.3 136.9 205.3





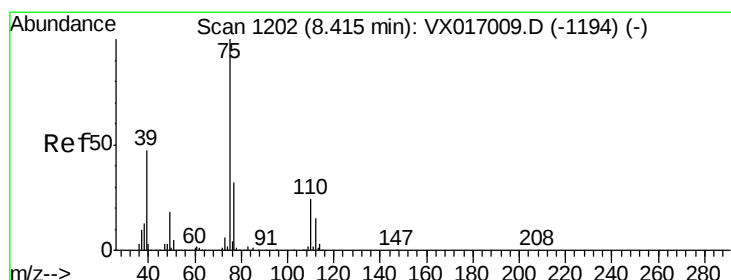
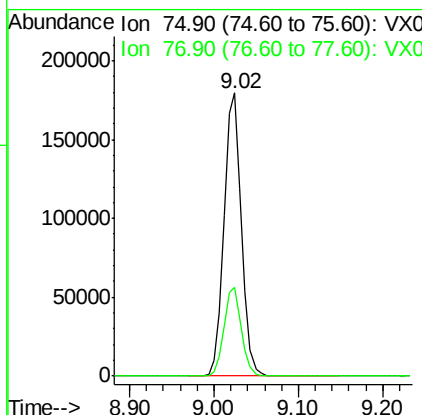
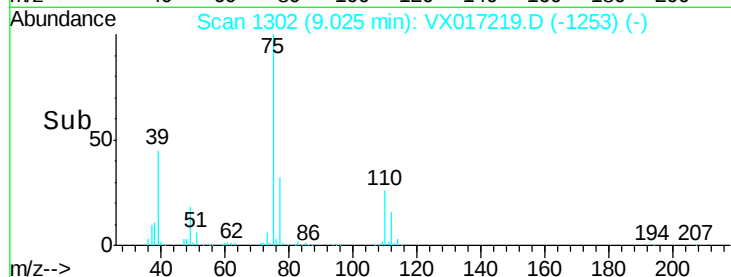
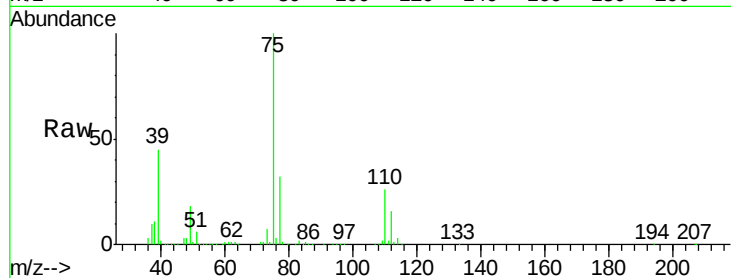
#53
t-1,3-Dichloropropene
Concen: 54.196 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 255943
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4

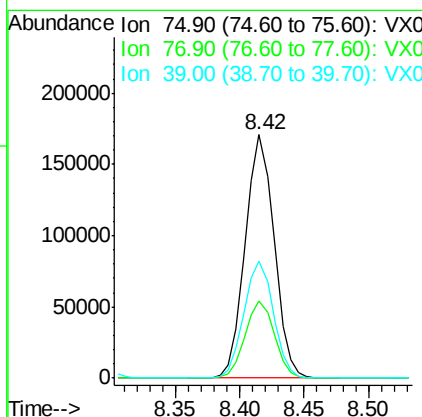
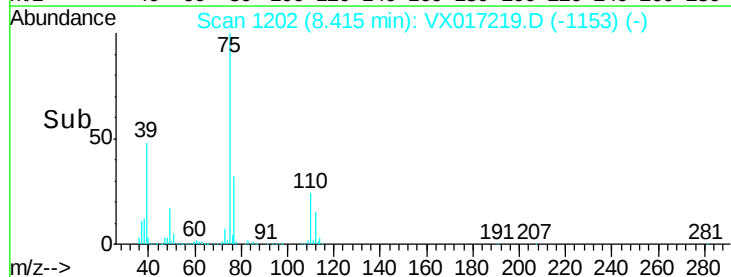
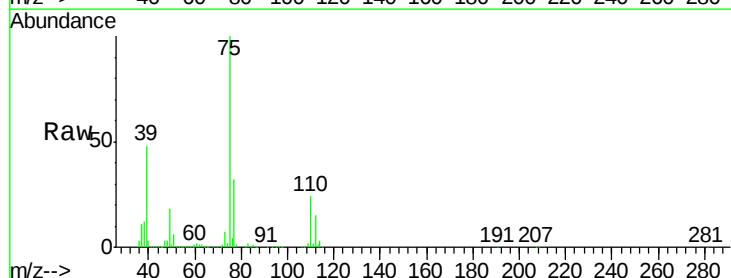
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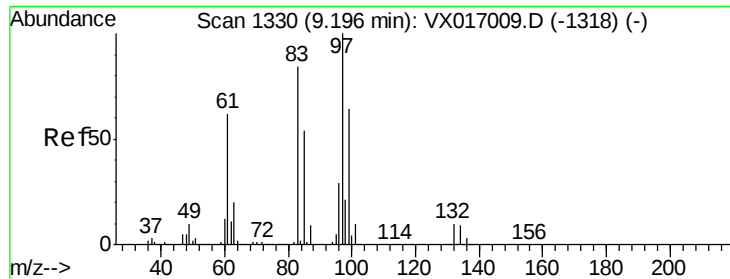
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.382 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion: 75 Resp: 265180
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 48.1 37.4 56.2





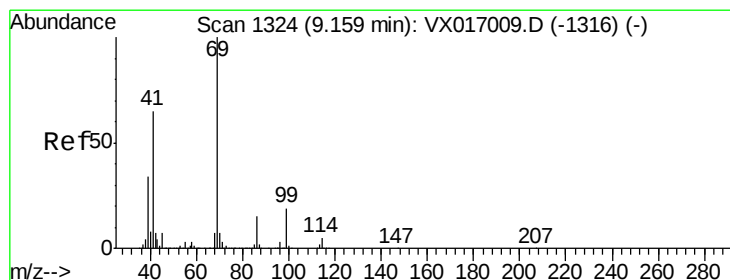
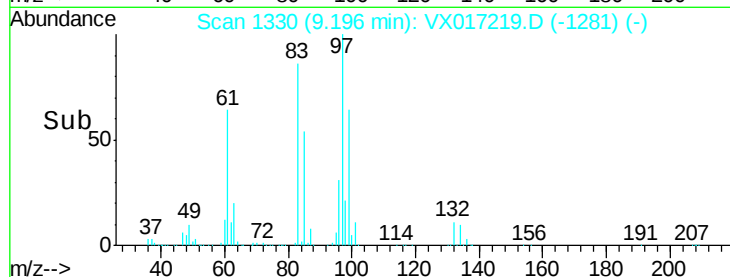
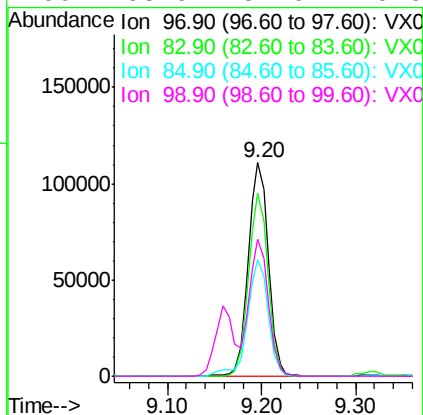
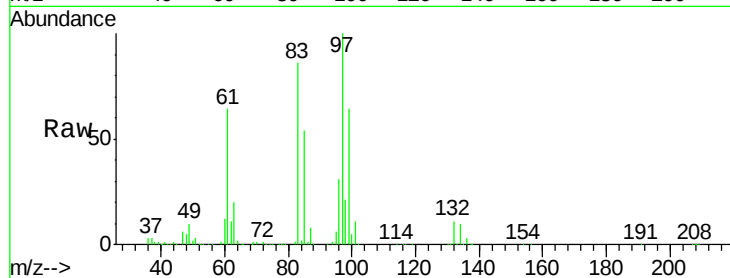
#55
 1,1,2-Trichloroethane
 Concen: 54.811 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.0	100.6
85	54.3	43.5	65.3
99	63.9	51.0	76.6

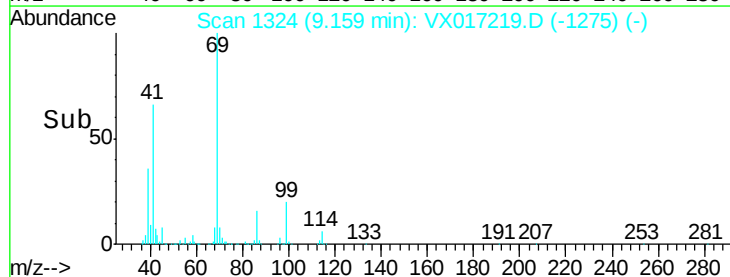
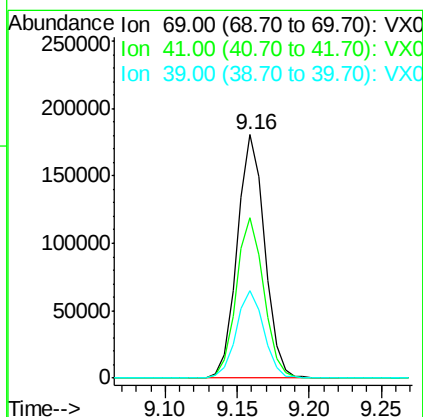
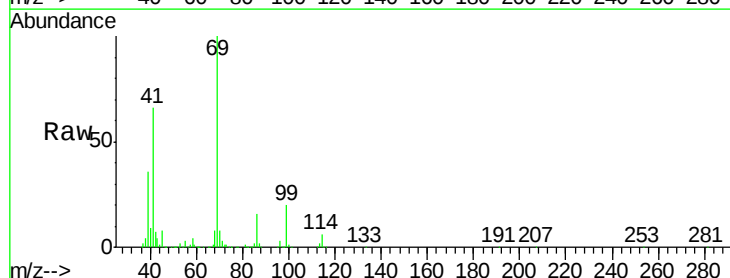
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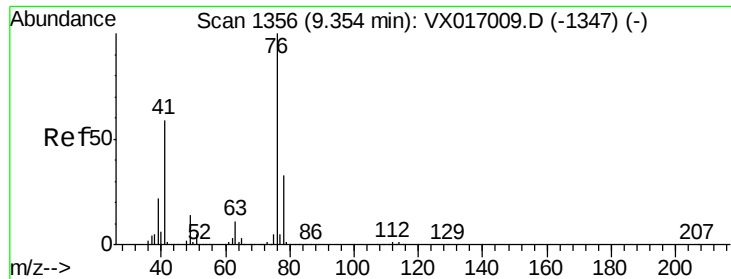
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#56
 Ethyl methacrylate
 Concen: 55.846 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.1	53.6	80.4
39	36.1	28.2	42.2





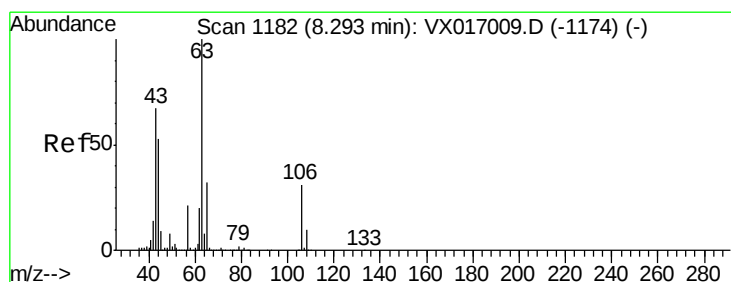
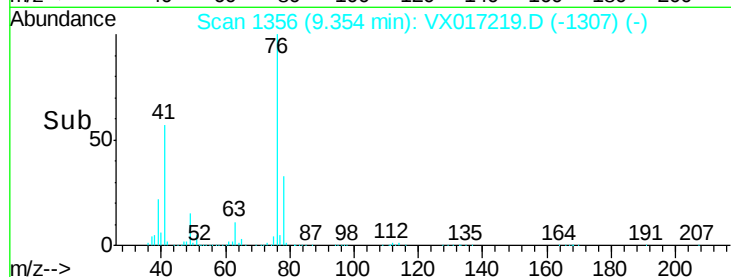
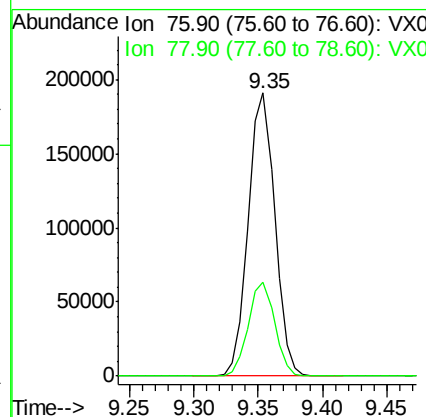
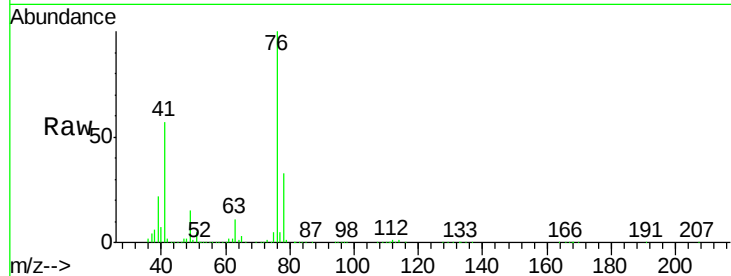
#57
 1,3-Dichloropropane
 Concen: 53.198 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	25.9	38.9

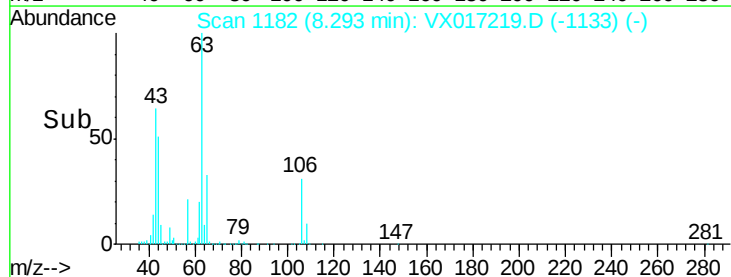
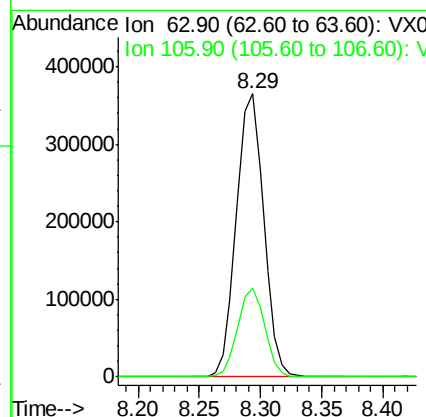
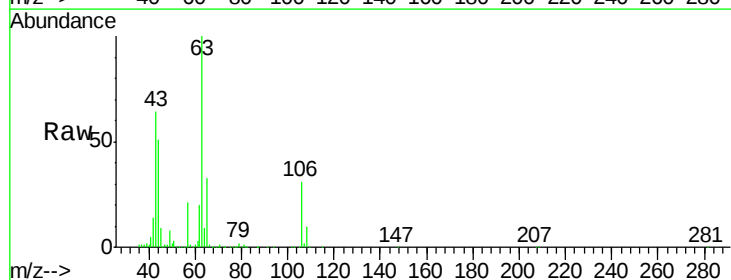
Manual Integrations
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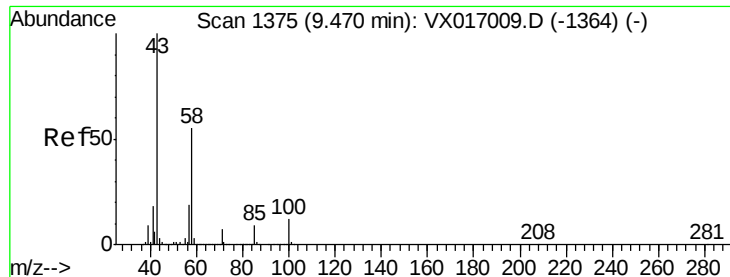
MMDadoda
 7/8/2020 9:31:49 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.676 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.9	24.0	36.0





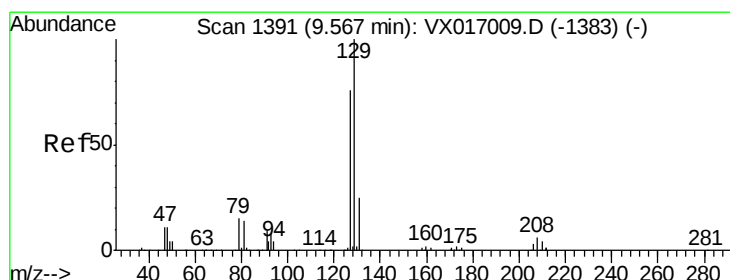
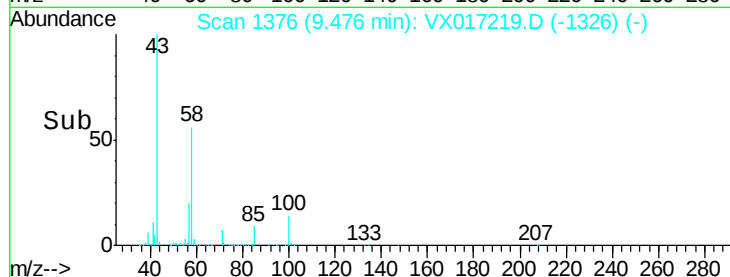
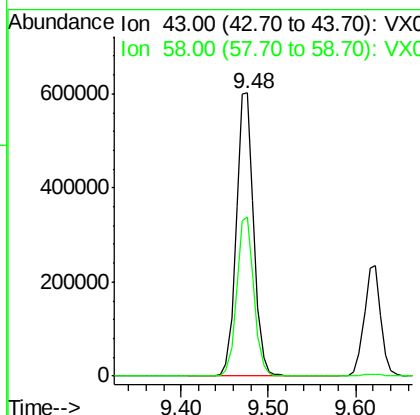
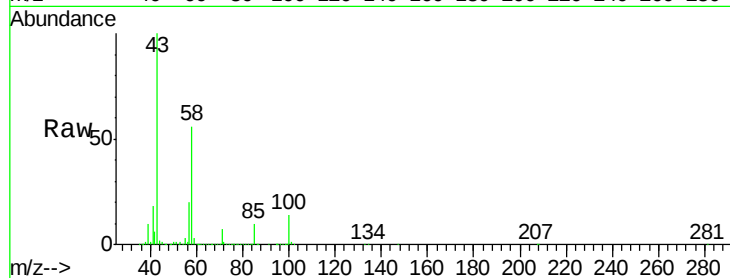
#59
2-Hexanone
Concen: 283.662 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	27.9	83.6

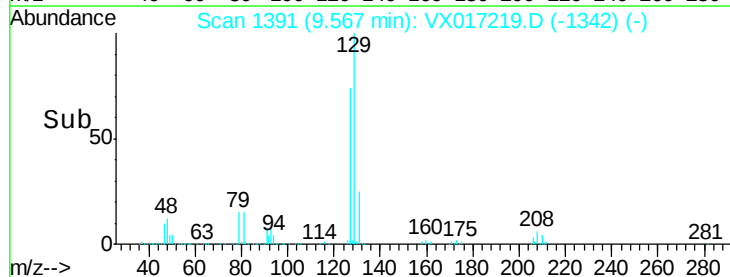
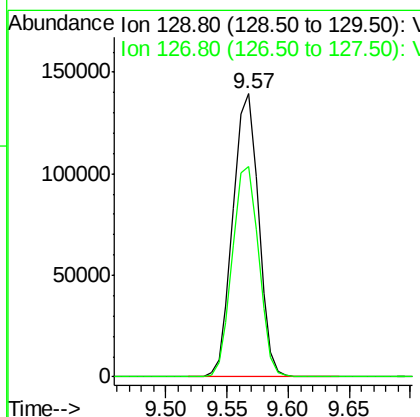
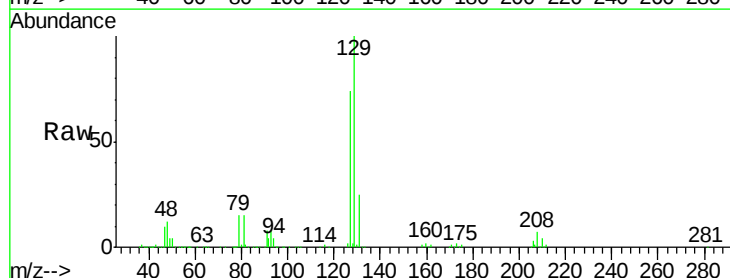
Manual Integrations
APPROVED

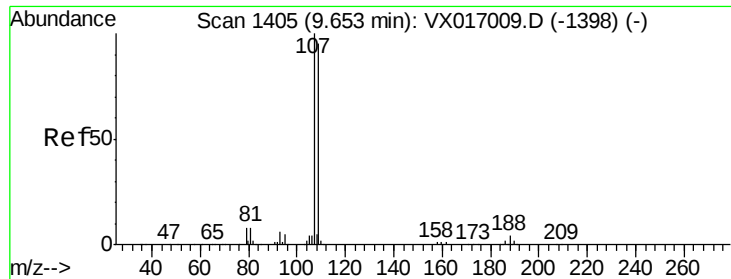
MMDadoda
7/8/2020 9:31:49 AM



#60
Dibromochloromethane
Concen: 57.721 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.9	116.7





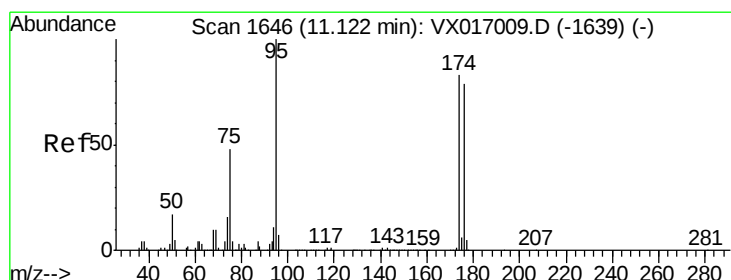
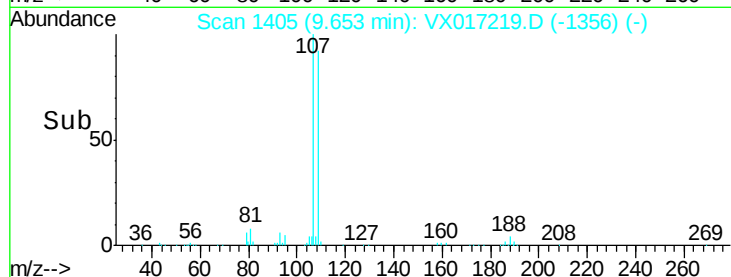
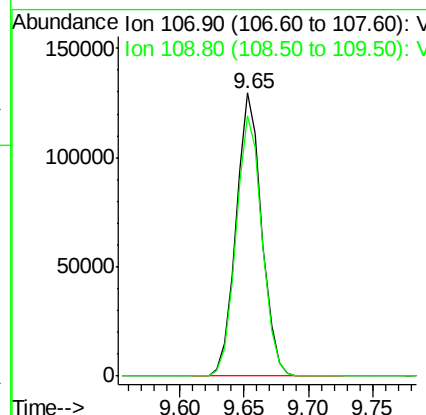
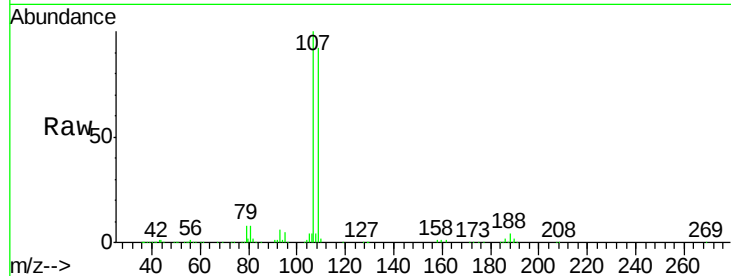
#61
 1,2-Dibromoethane
 Concen: 55.359 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.8	113.8

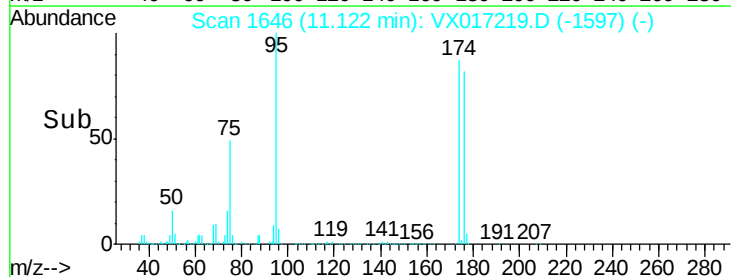
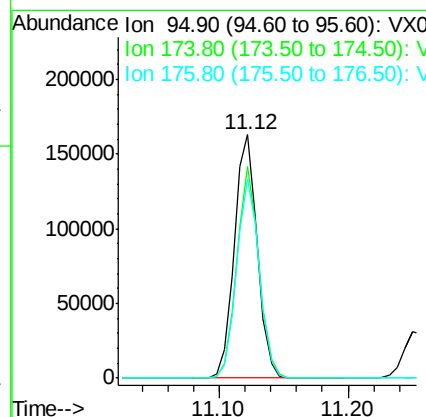
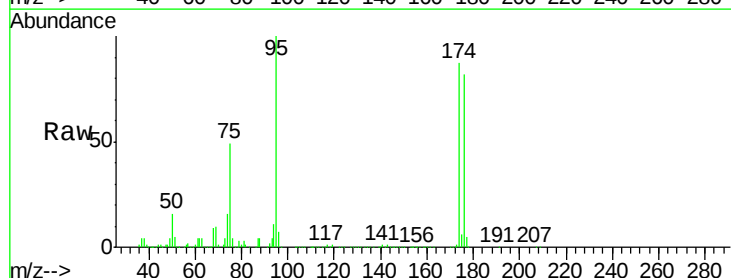
Manual Integrations
 APPROVED

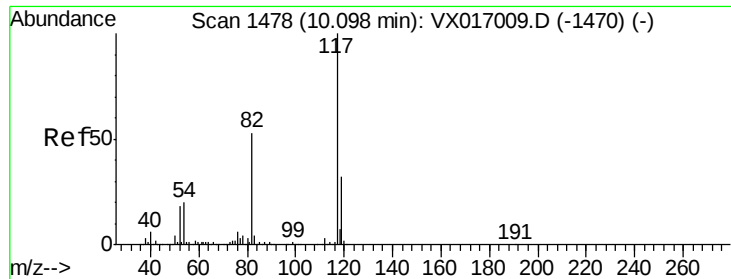
MMDadoda
 7/8/2020 9:31:49 AM



#62
 4-Bromofluorobenzene
 Concen: 52.129 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	164.0
176	80.6	0.0	157.6





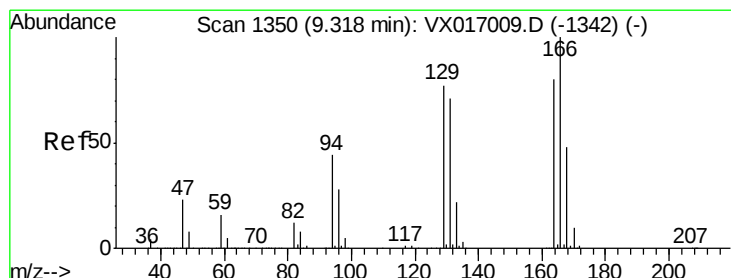
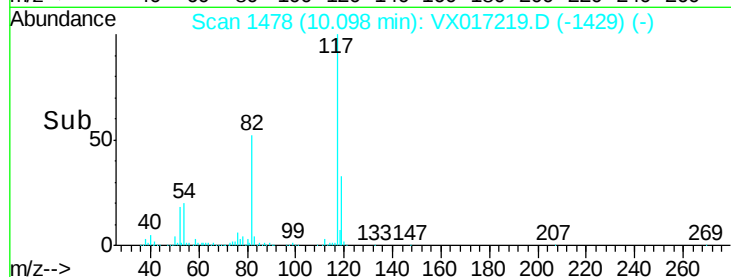
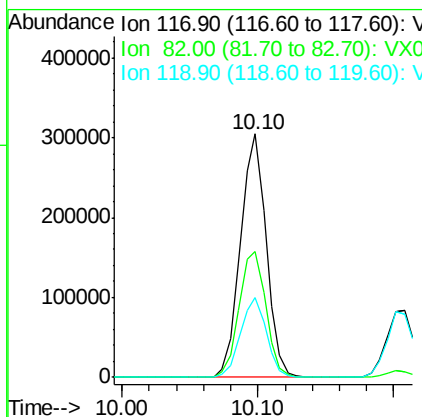
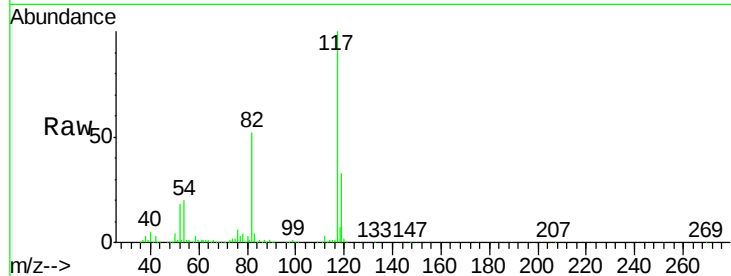
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.6	63.8
119	32.7	25.4	38.2

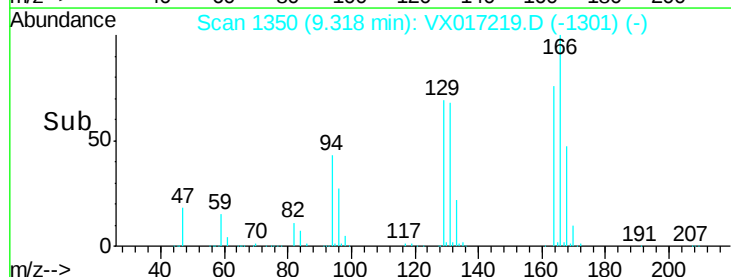
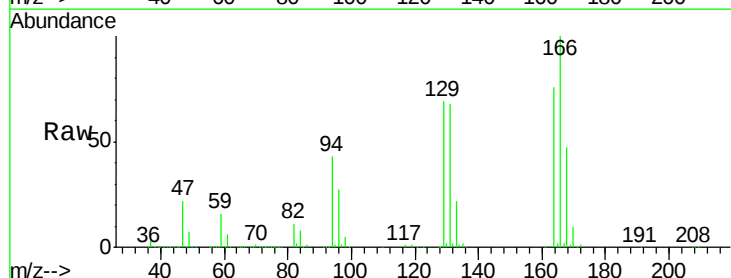
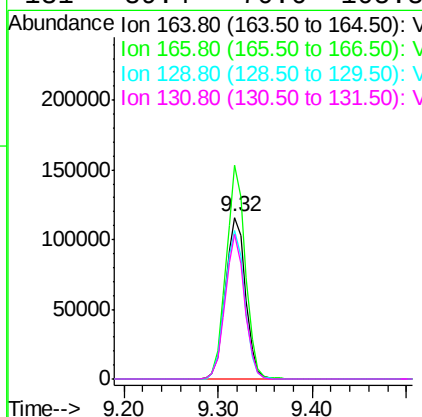
Manual Integrations
APPROVED

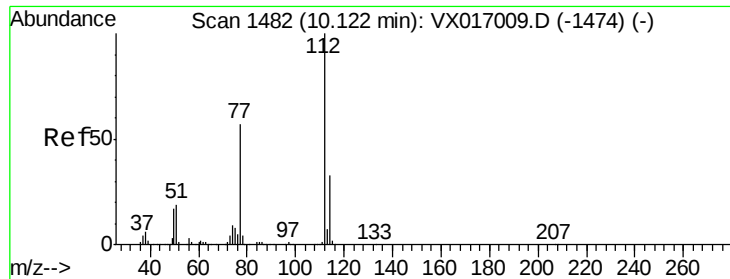
MMDadoda
7/8/2020 9:31:49 AM



#64
Tetrachloroethene
Concen: 52.449 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.2	99.4	149.0
129	91.6	76.3	114.5
131	89.4	70.6	105.8





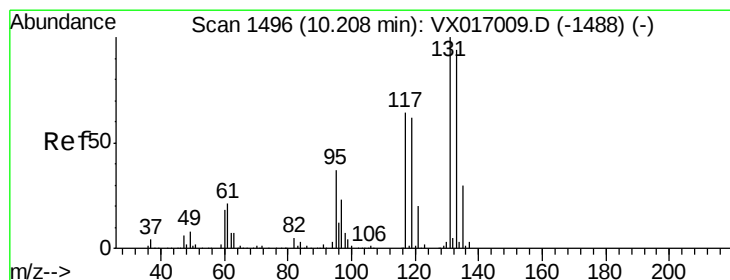
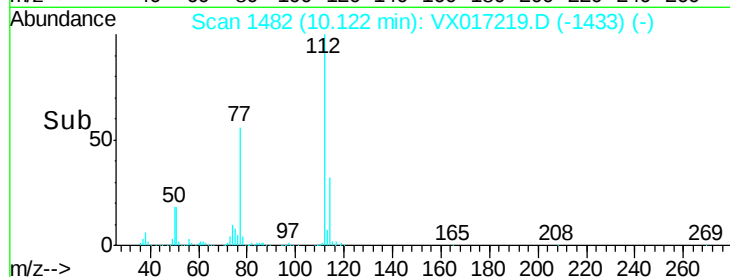
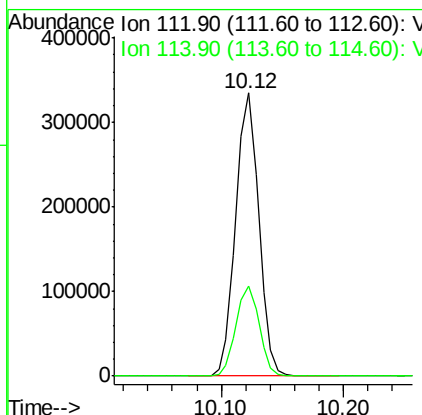
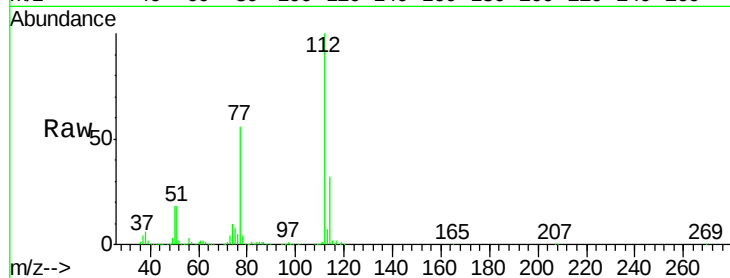
#65
Chlorobenzene
Concen: 52.540 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		437364		
114	31.9	26.2	39.4		

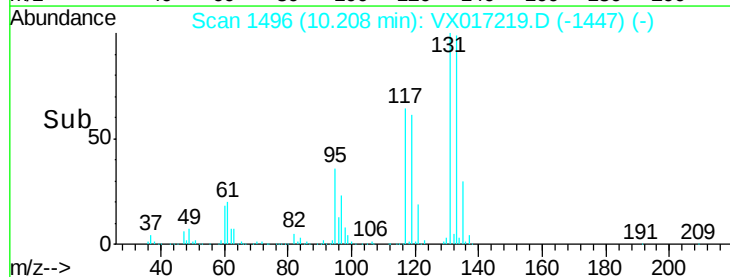
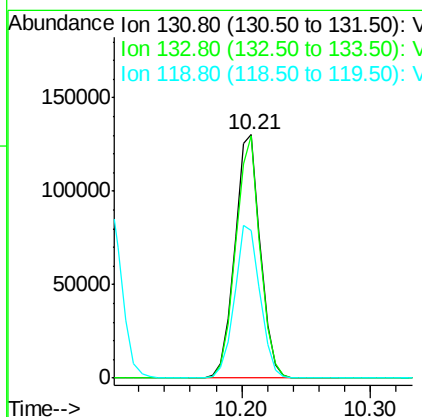
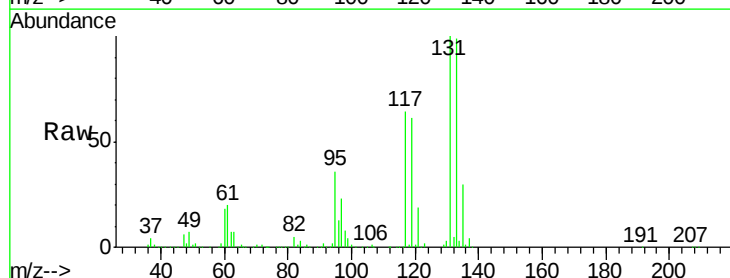
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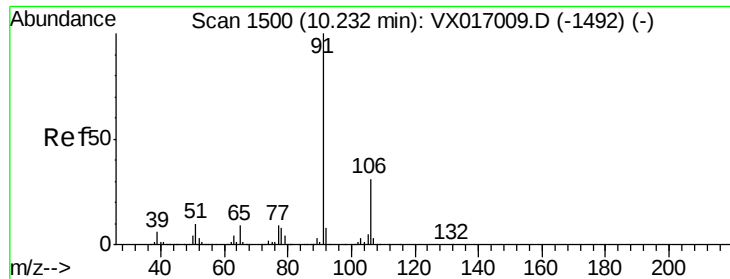
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.741 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
131	100		178826		
133	95.6	47.3	141.9		
119	62.9	31.9	95.5		





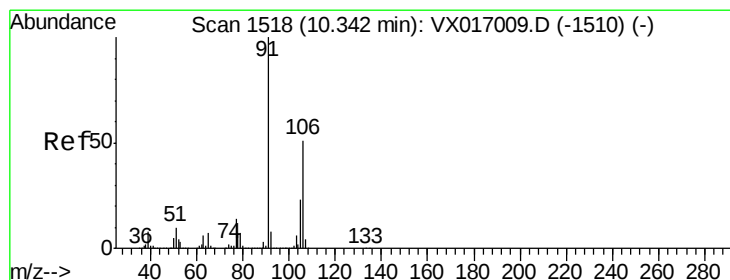
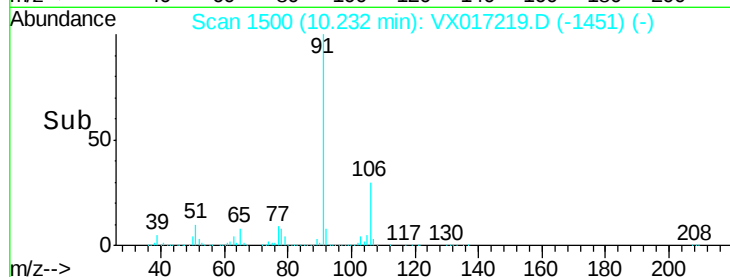
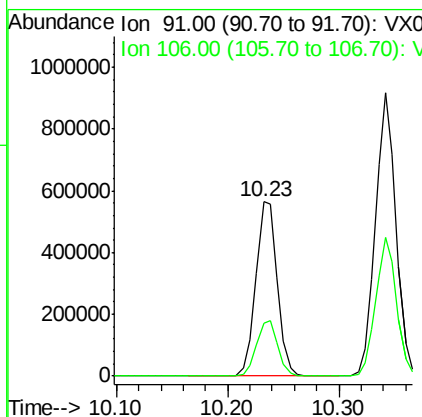
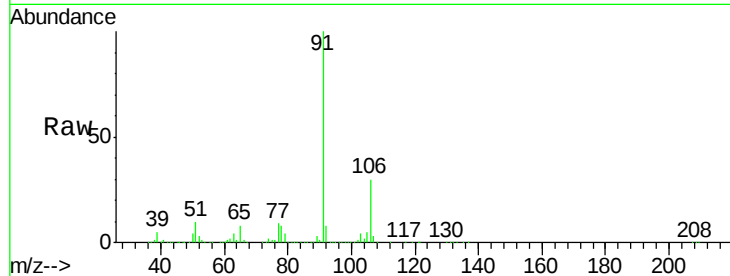
#67
Ethyl Benzene
Concen: 54.583 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 758812
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1

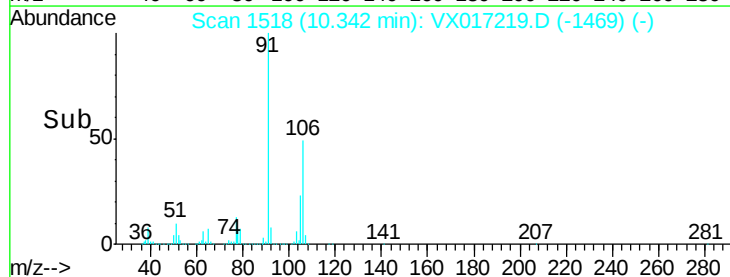
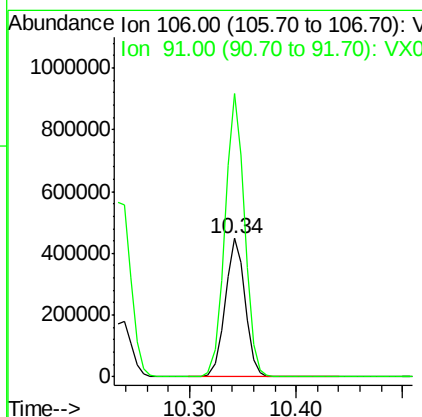
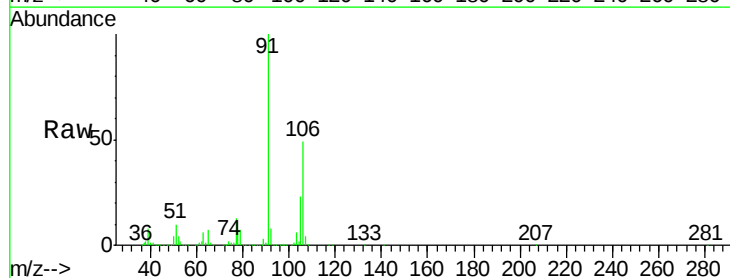
Manual Integrations
APPROVED

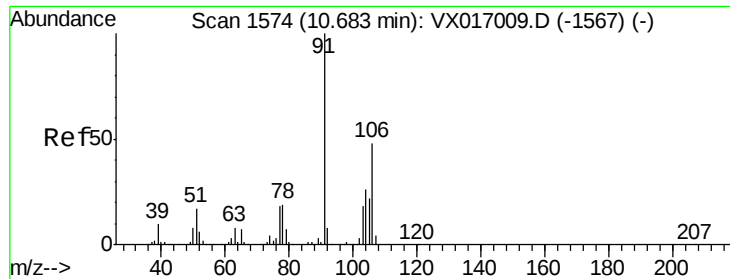
MMDadoda
7/8/2020 9:31:49 AM



#68
m/p-Xylenes
Concen: 110.061 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion: 106 Resp: 587498
Ion Ratio Lower Upper
106 100
91 201.2 158.6 238.0





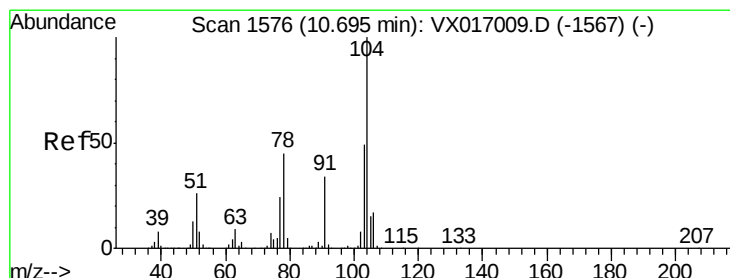
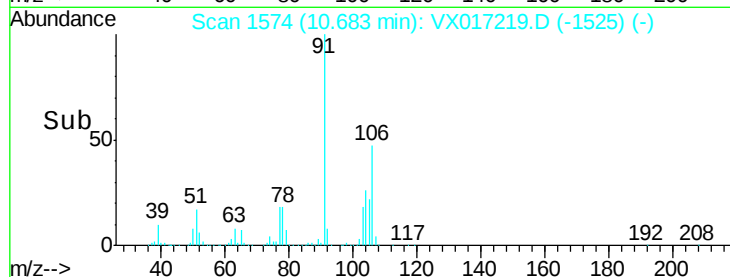
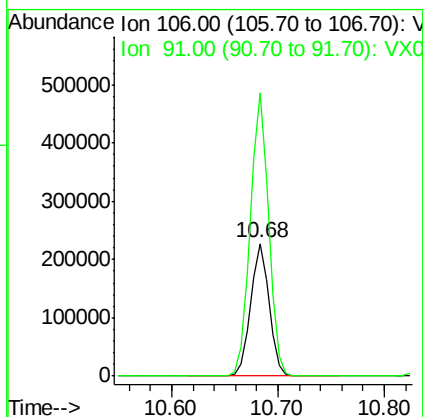
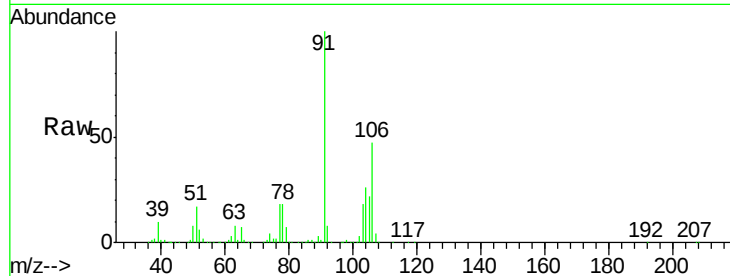
#69
o-Xylene
Concen: 54.874 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.3	105.6	316.7

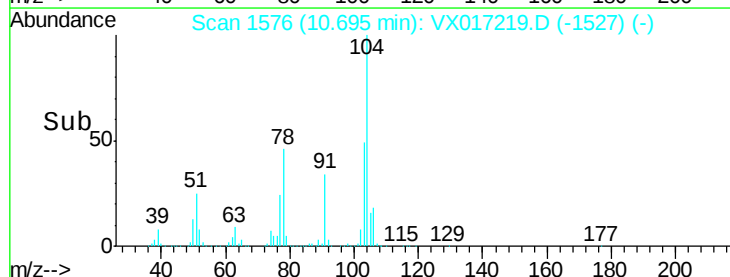
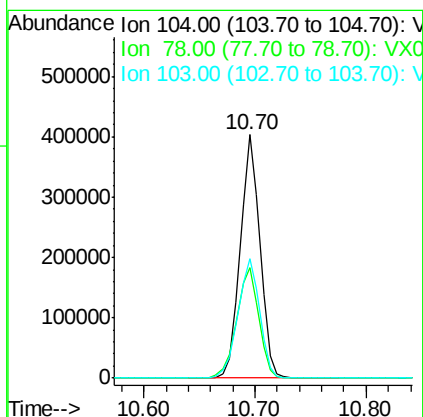
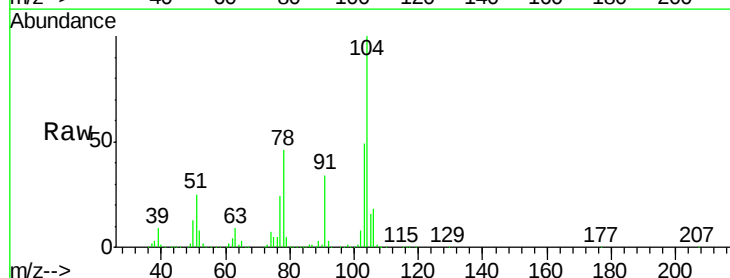
Manual Integrations
APPROVED

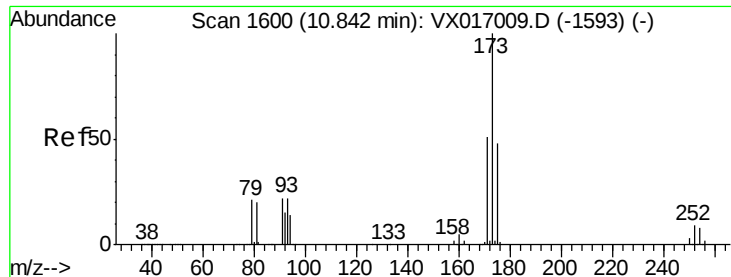
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#70
Styrene
Concen: 57.374 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.8	39.5	59.3
103	54.1	43.0	64.6





#71

Bromoform

Concen: 61.816 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 157262

Ion Ratio Lower Upper

173 100

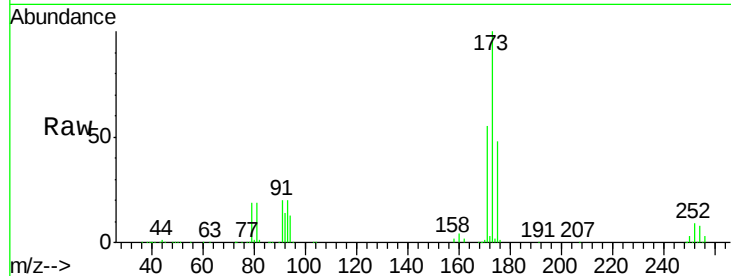
175 48.5 24.5 73.5

254 0.1 0.1 0.1

Manual Integrations
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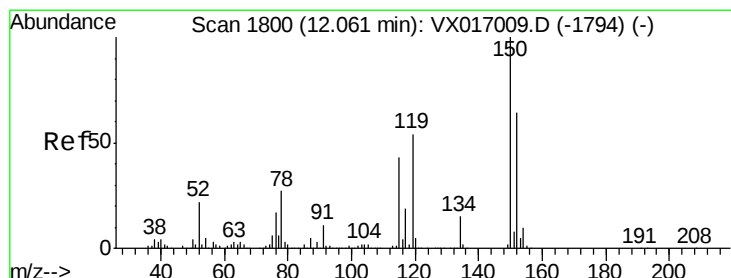
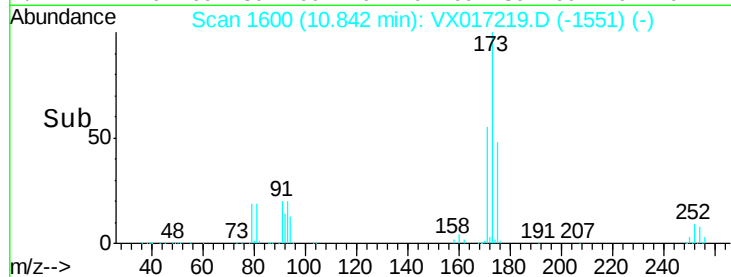
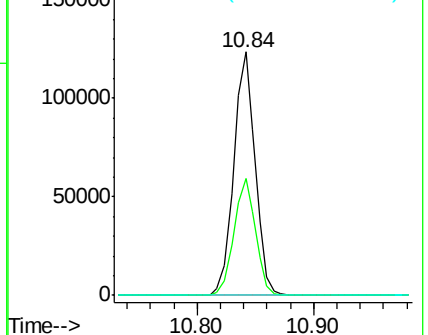
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

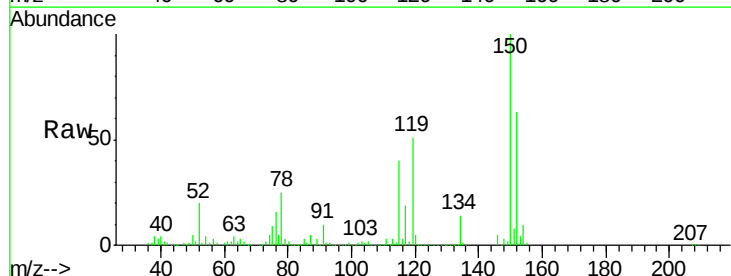
Tgt Ion:152 Resp: 235111

Ion Ratio Lower Upper

152 100

115 79.3 40.9 122.7

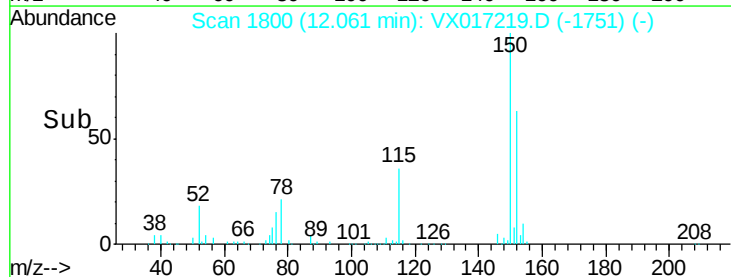
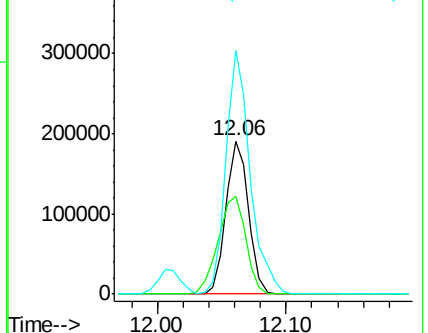
150 171.4 0.0 351.6

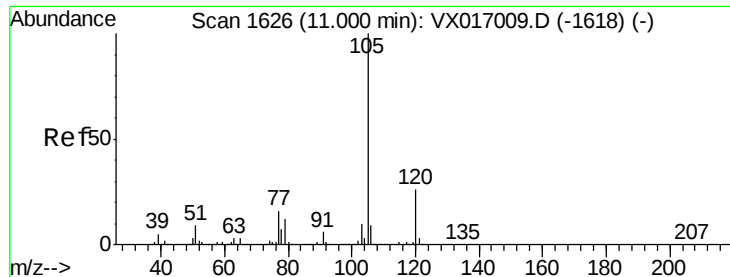


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.371 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 760319

Ion Ratio Lower Upper

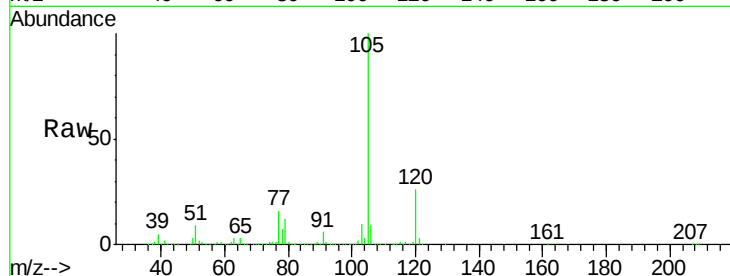
105 100

120 27.2 13.4 40.2

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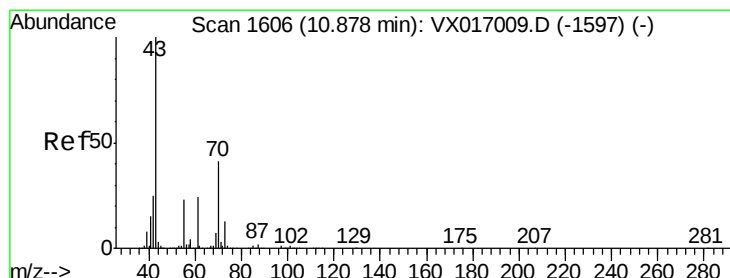
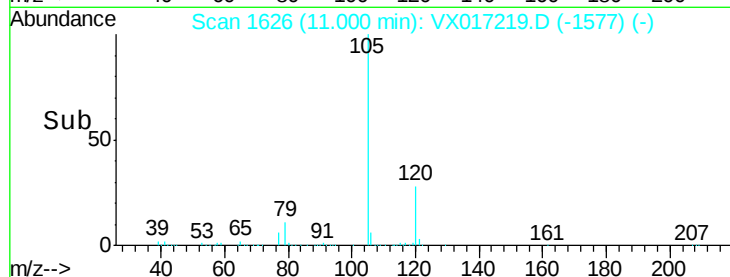
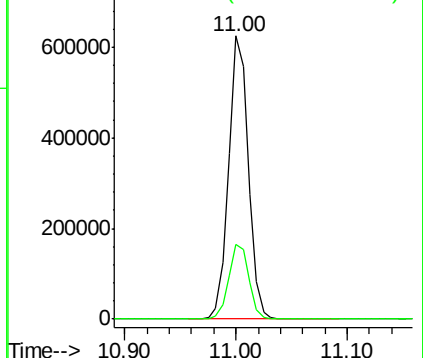
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.094 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Tgt Ion: 43 Resp: 322603

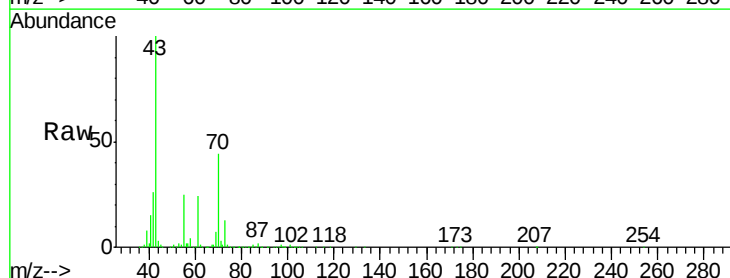
Ion Ratio Lower Upper

43 100

70 44.5 34.2 51.2

55 25.0 19.2 28.8

61 24.8 19.6 29.4

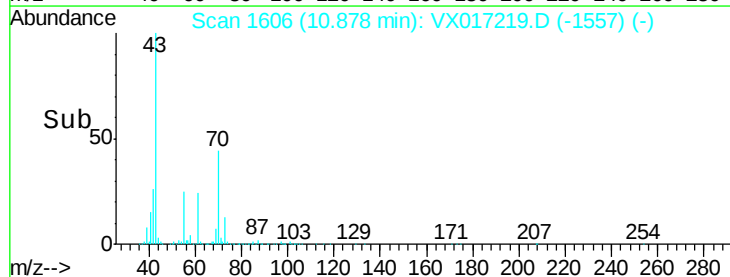
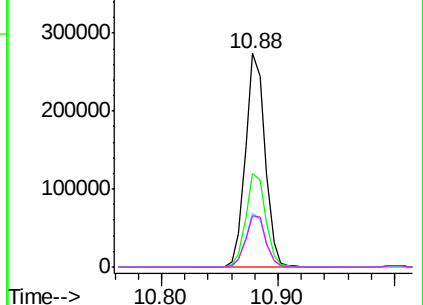


Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 49.278 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

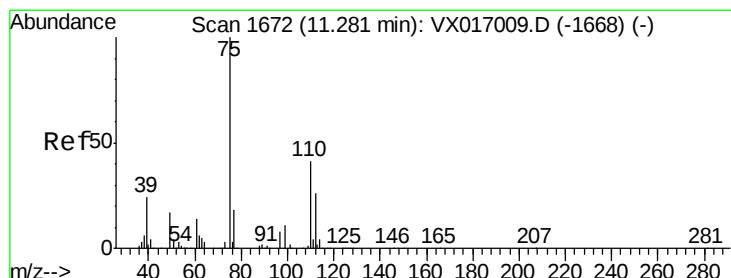
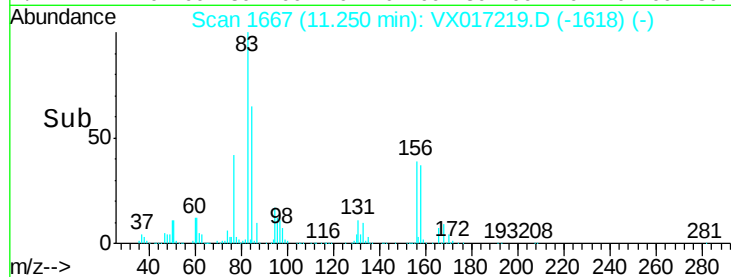
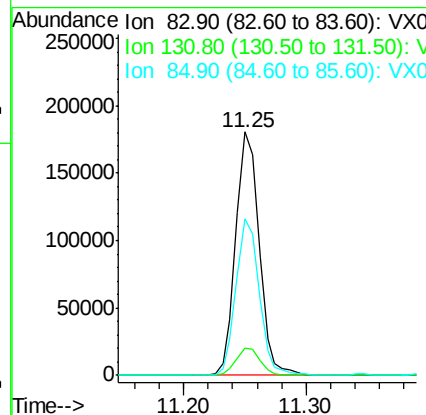
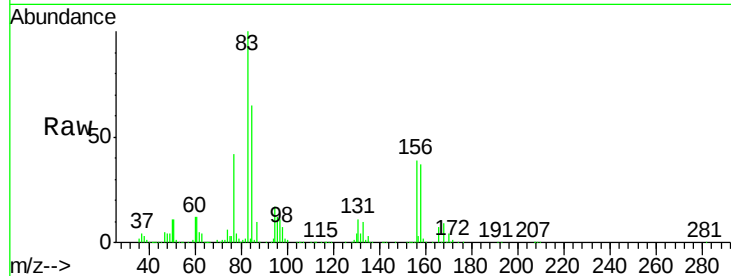
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	238711
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.4	16.2
85	64.1	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.887 ug/l m

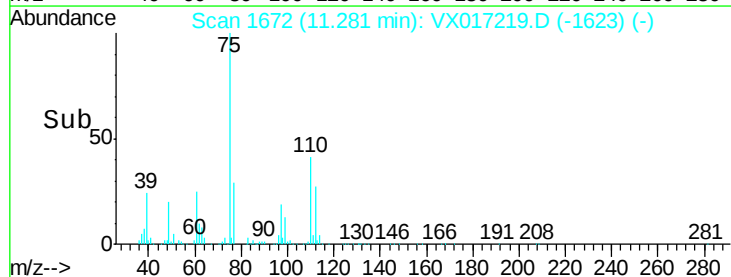
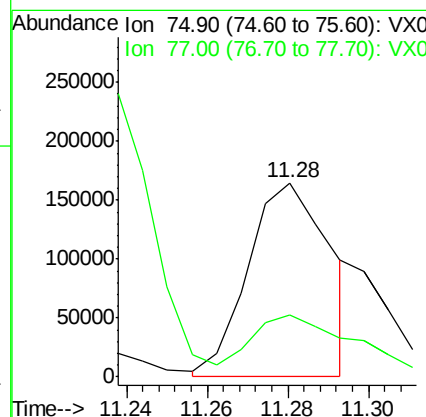
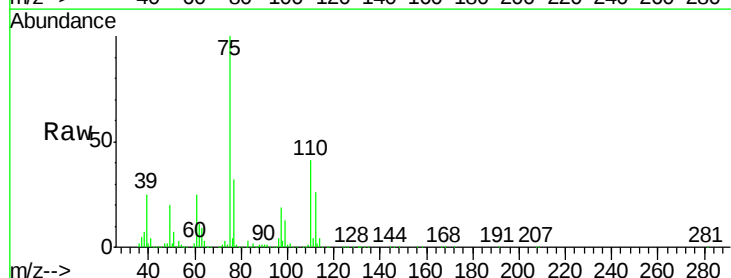
RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Tgt Ion:	75	Resp:	230642
Ion Ratio	Lower	Upper	
75	100		
77	40.6	20.2	60.6





#77

Bromobenzene

Concen: 50.634 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 214309

Ion Ratio Lower Upper

156 100

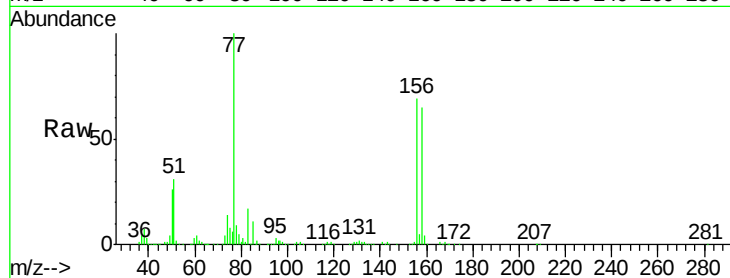
77 145.1 76.9 230.7

158 93.5 47.9 143.6

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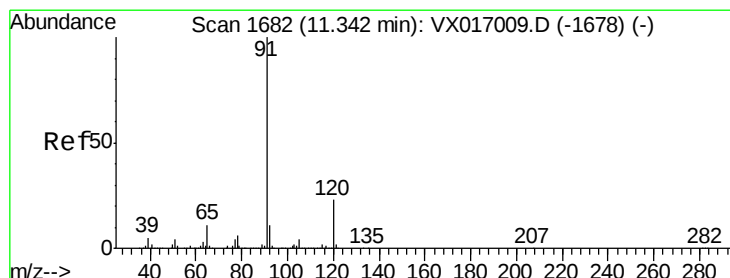
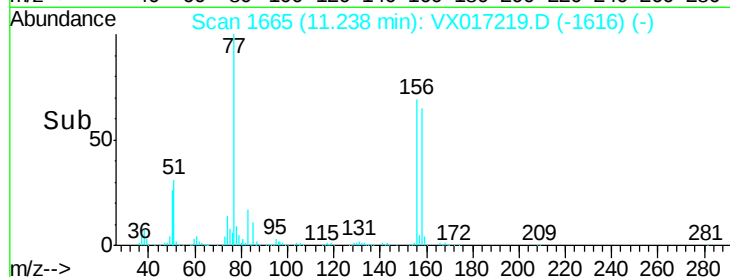
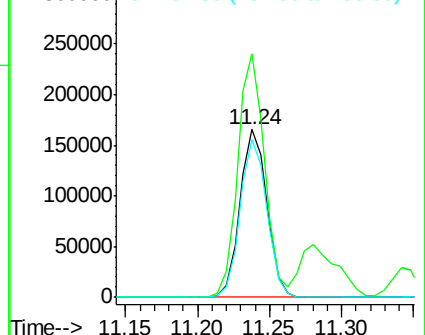
7/8/2020 9:31:49 AM



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: 49.965 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017219.D

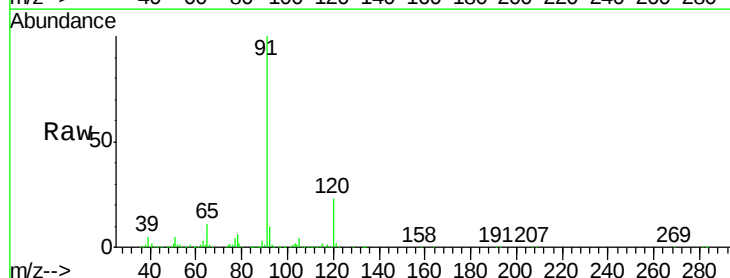
Acq: 07 Jul 2020 21:33

Tgt Ion: 91 Resp: 870135

Ion Ratio Lower Upper

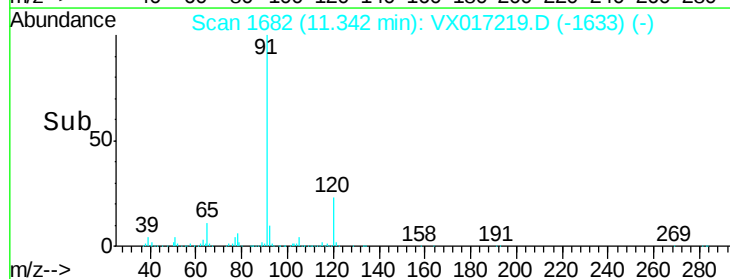
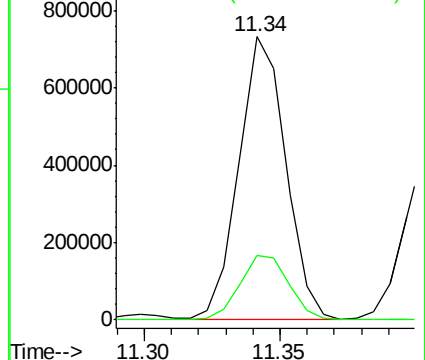
91 100

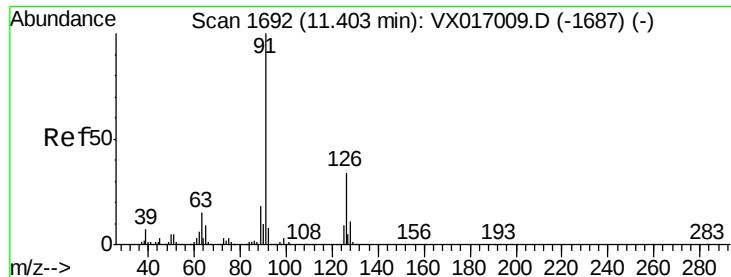
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.378 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 530970

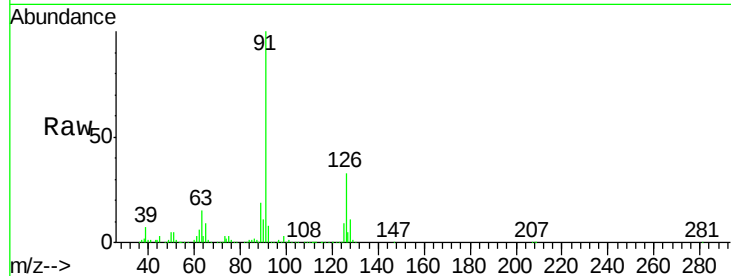
Ion Ratio Lower Upper

91 100

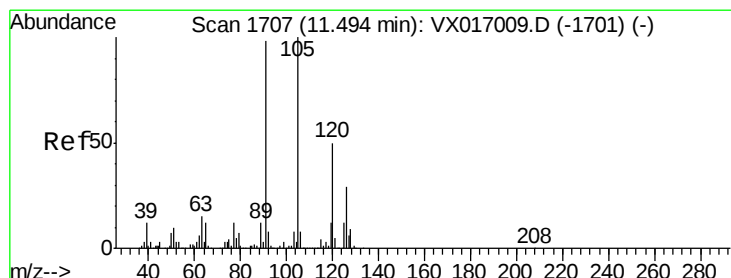
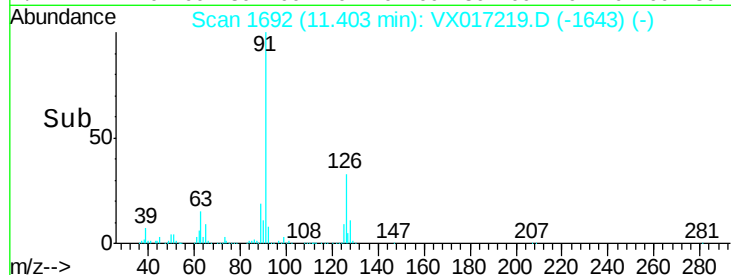
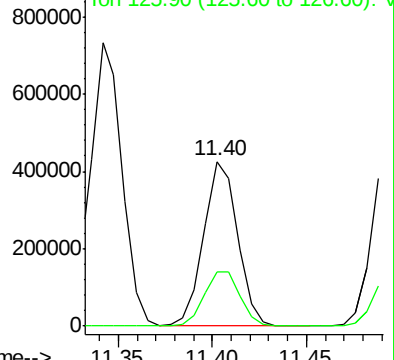
126 35.1 17.4 52.3

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.750 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017219.D

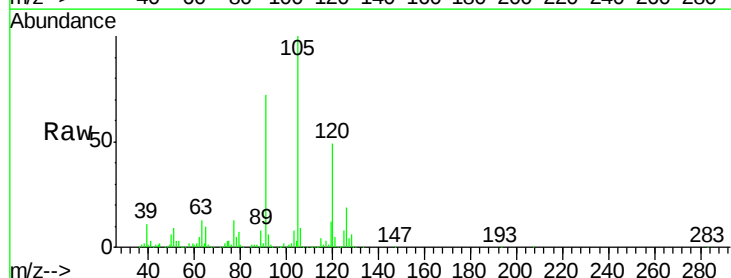
Acq: 07 Jul 2020 21:33

Tgt Ion: 105 Resp: 661053

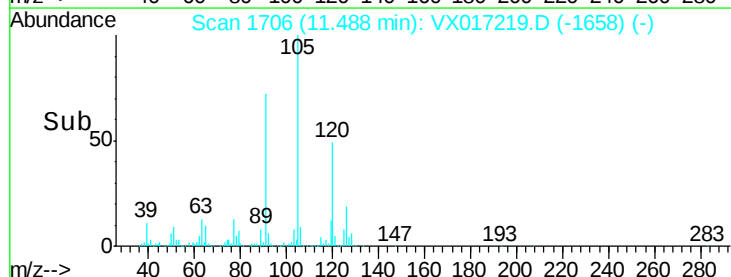
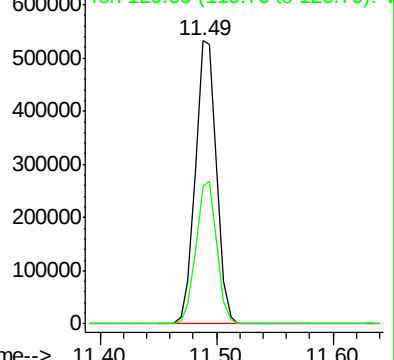
Ion Ratio Lower Upper

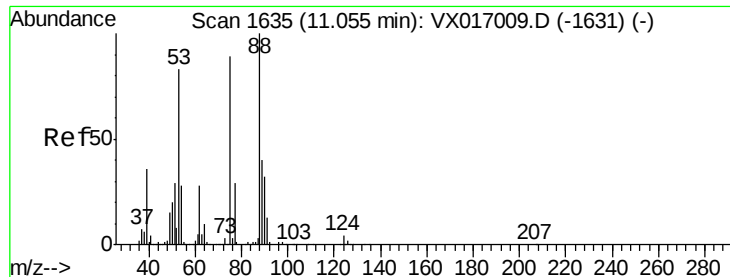
105 100

120 49.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX017009.D (-1701) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.032 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 85753

Ion Ratio Lower Upper

75 100

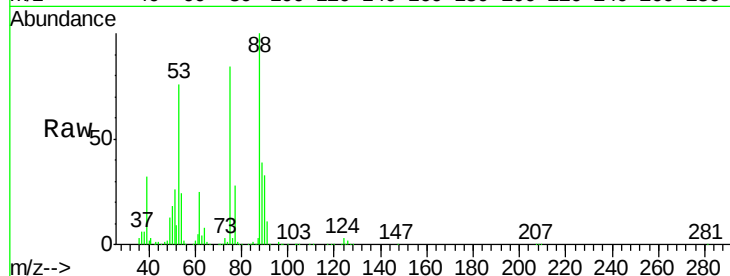
53 95.5 72.4 108.6

89 47.0 37.0 55.4

Manual Integrations
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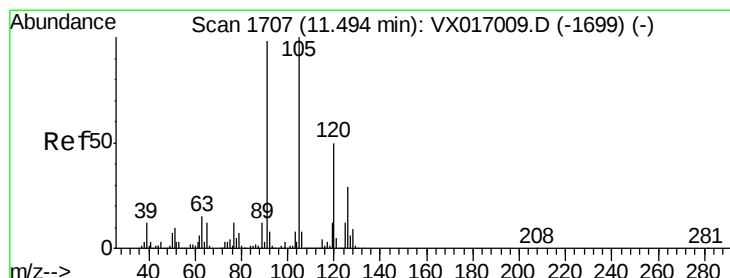
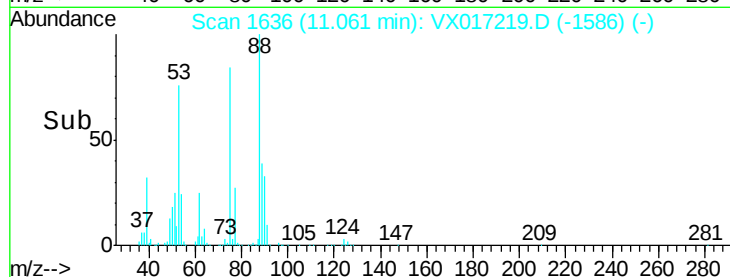
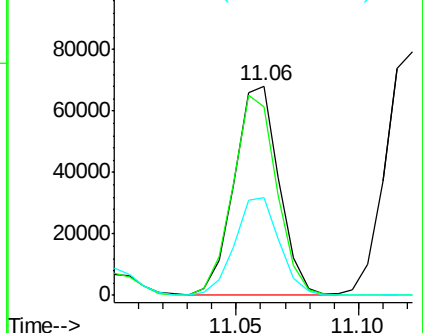
7/8/2020 9:31:49 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.568 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017219.D

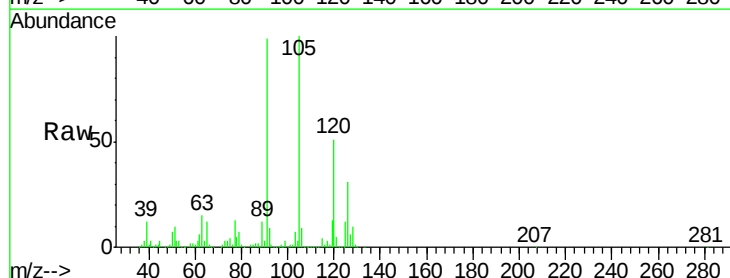
Acq: 07 Jul 2020 21:33

Tgt Ion: 91 Resp: 637139

Ion Ratio Lower Upper

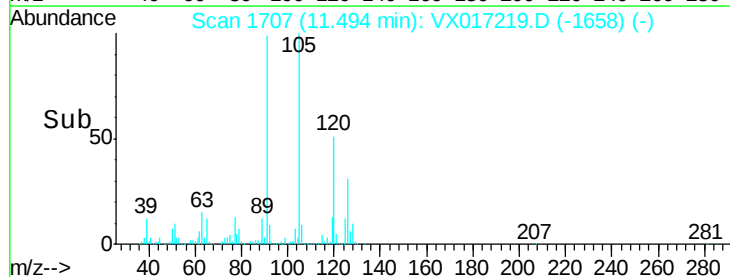
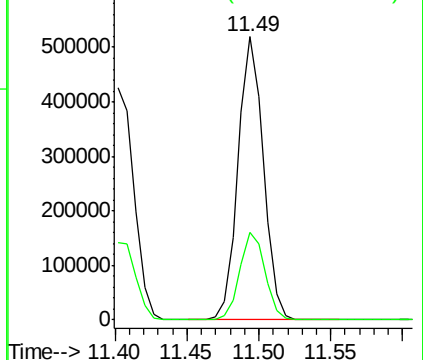
91 100

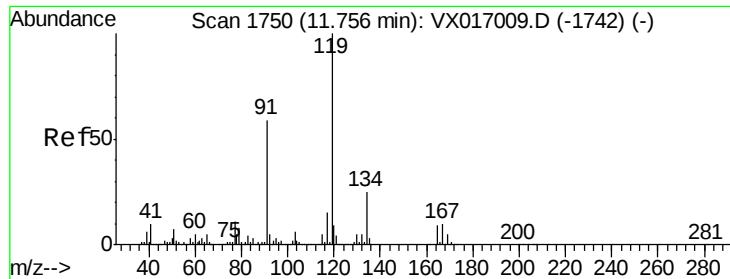
126 30.9 15.2 45.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





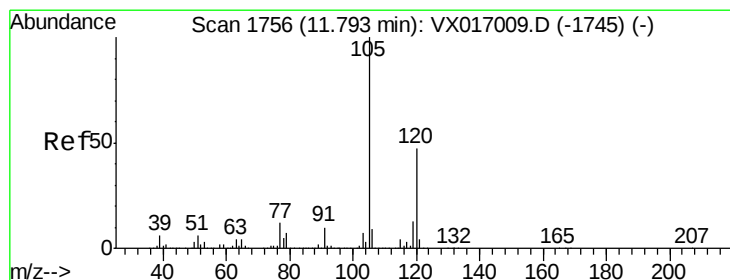
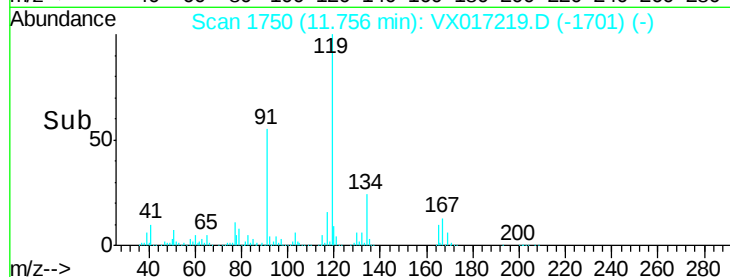
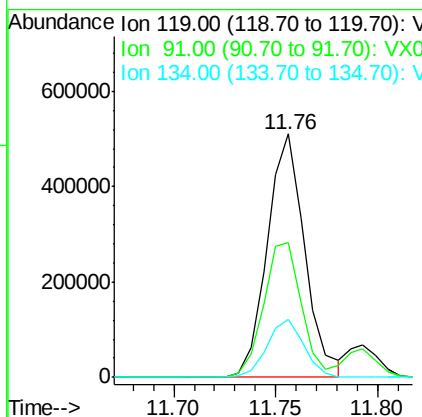
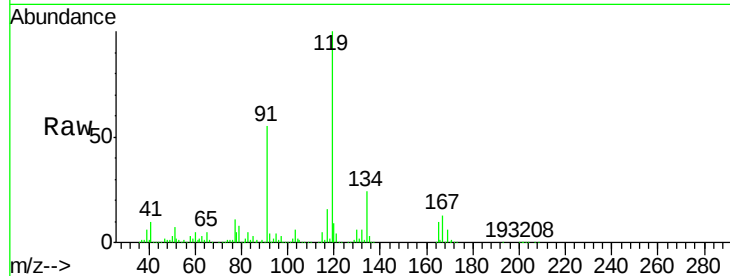
#83
tert-Butylbenzene
Concen: 52.066 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.7	28.3	84.9
134	23.2	11.7	35.1

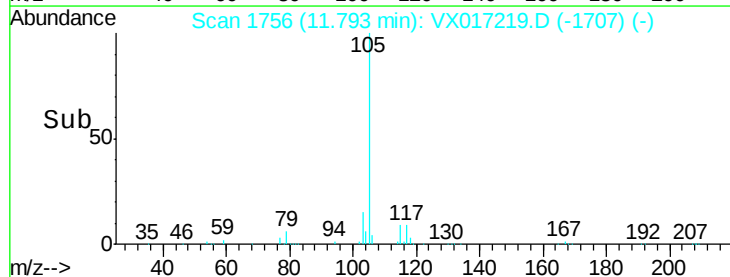
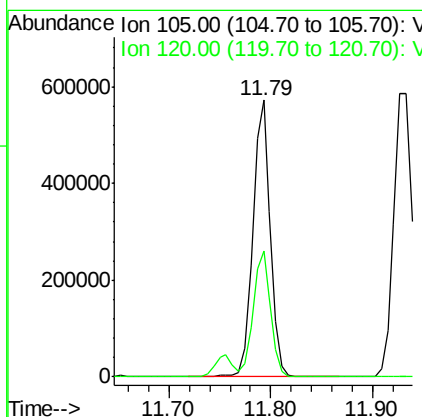
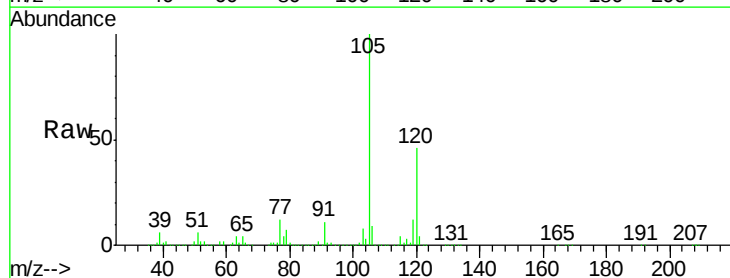
Manual Integrations
APPROVED

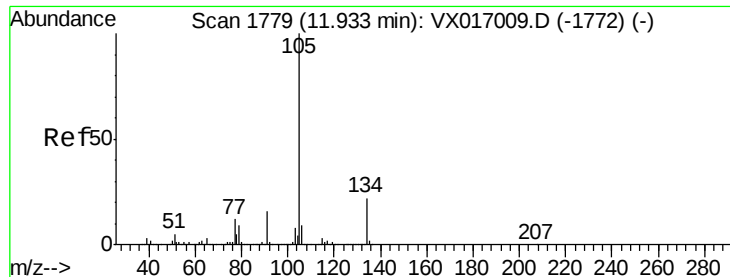
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#84
1,2,4-Trimethylbenzene
Concen: 52.579 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.5





#85

sec-Butylbenzene

Concen: 50.709 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 747440

Ion Ratio Lower Upper

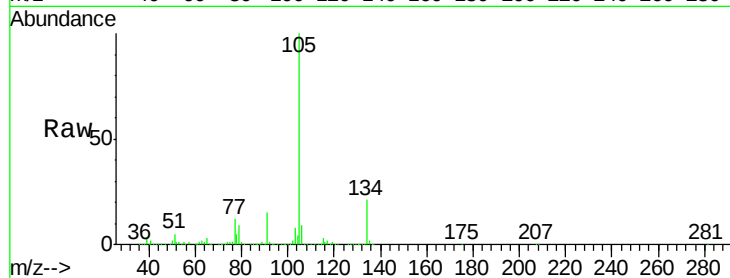
105 100

134 21.1 10.5 31.6

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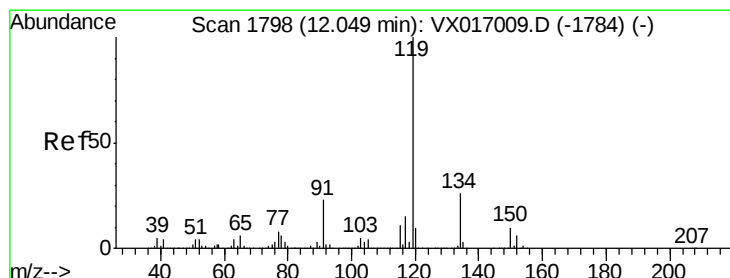
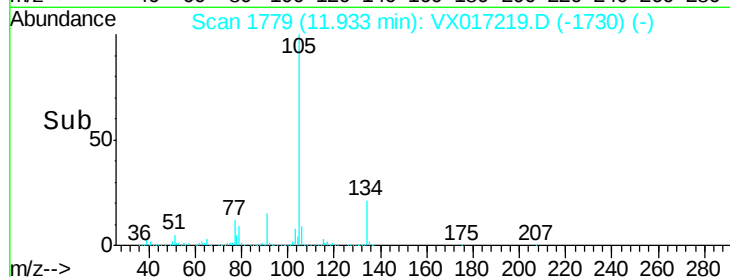
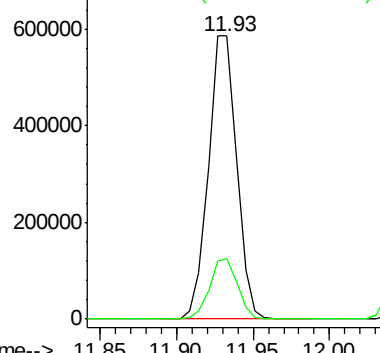
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.754 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

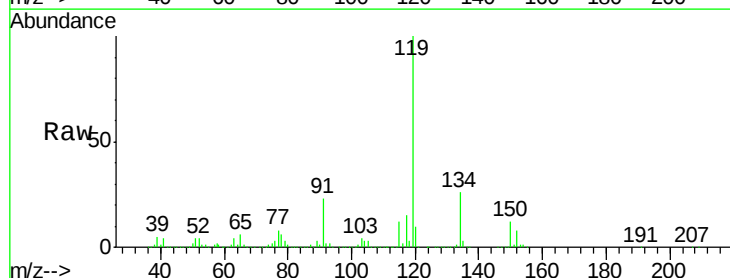
Tgt Ion:119 Resp: 723871

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

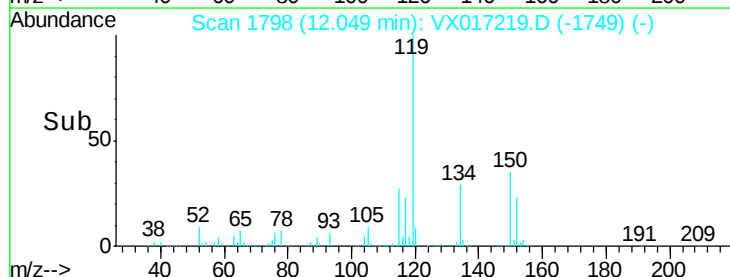
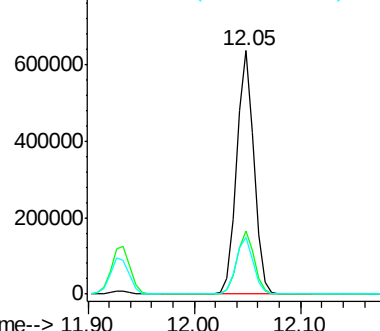
91 23.5 11.8 35.4

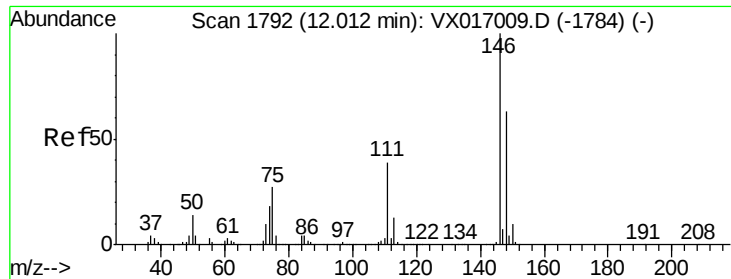


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





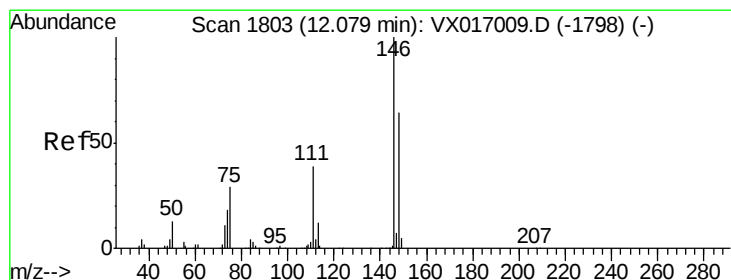
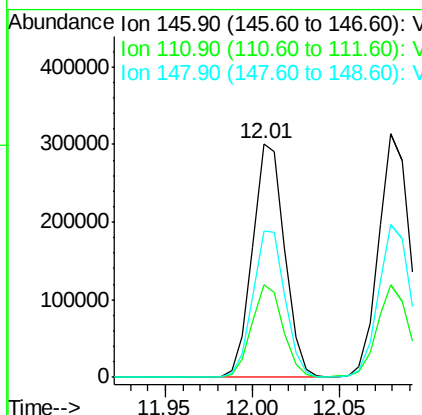
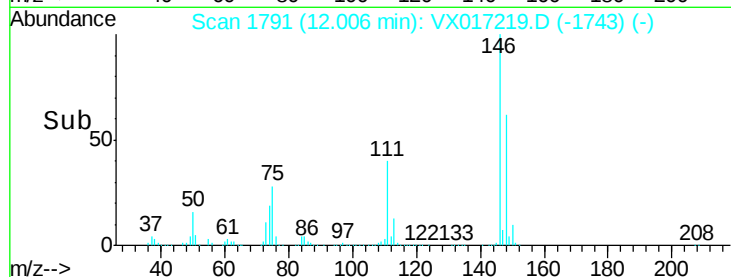
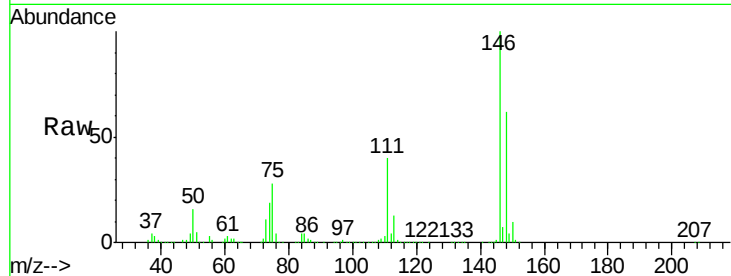
#87
 1,3-Dichlorobenzene
 Concen: 50.069 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.4	61.2
148	63.1	32.5	97.5

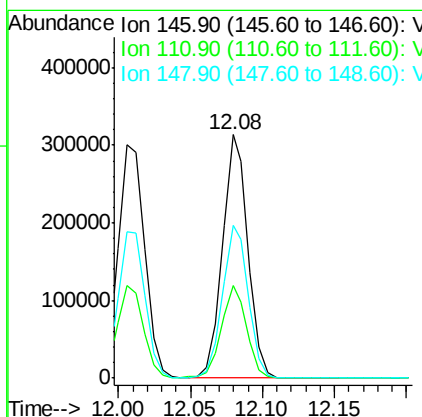
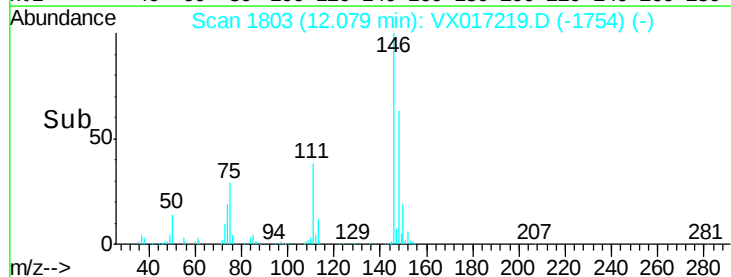
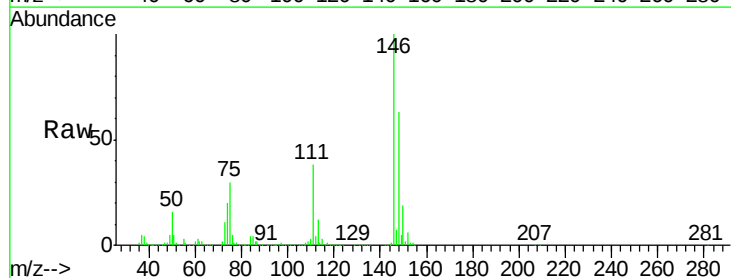
Manual Integrations
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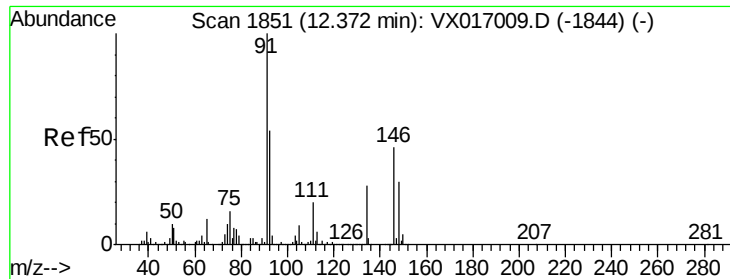
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 7/8/2020 9:31:49 AM



#88
 1,4-Dichlorobenzene
 Concen: 53.518 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.5	58.5
148	63.8	31.9	95.7





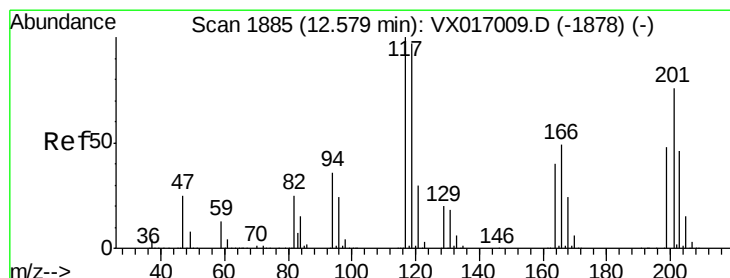
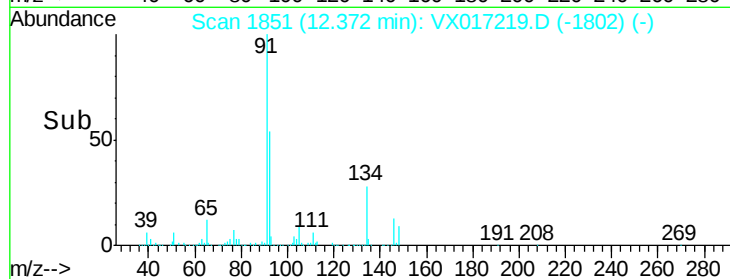
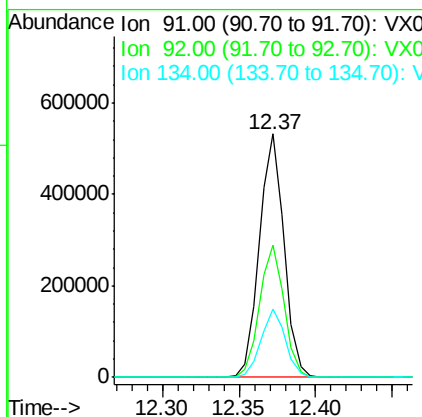
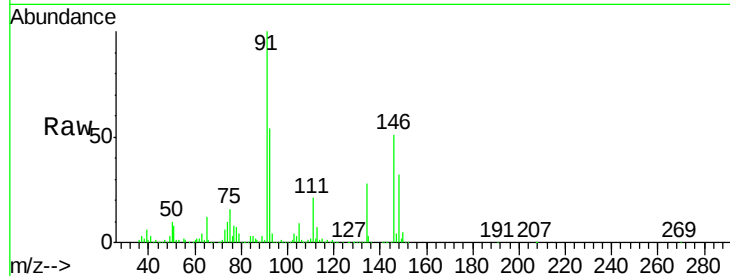
#89
n-Butylbenzene
Concen: 48.857 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.6
134	27.5	13.6	40.7

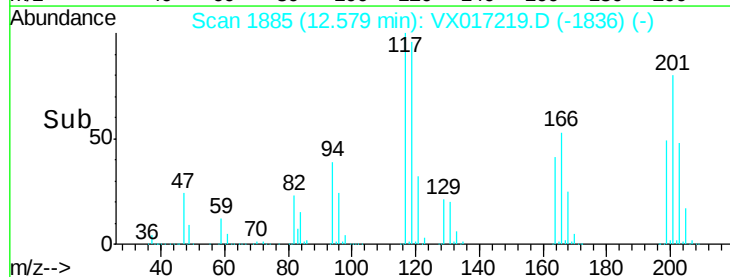
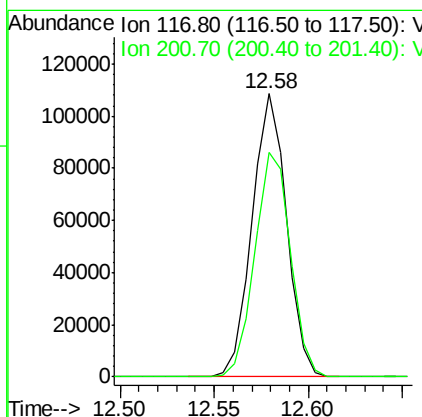
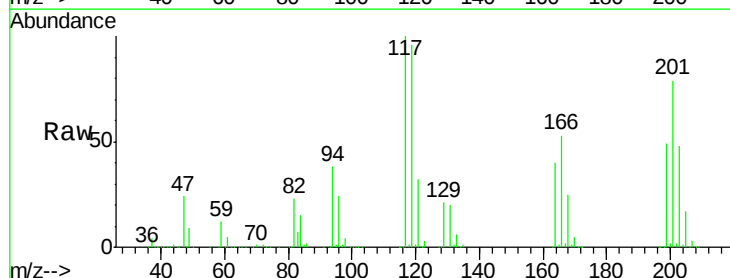
Manual Integrations
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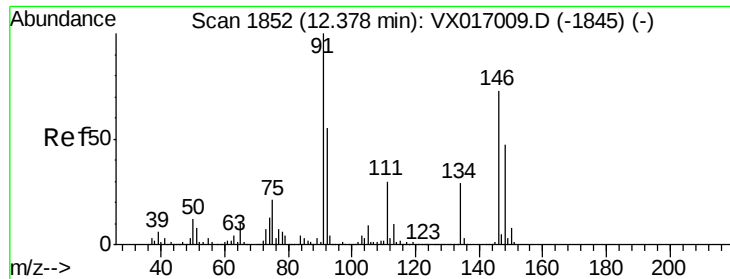
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#90
Hexachloroethane
Concen: 50.914 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.9	39.4	118.2





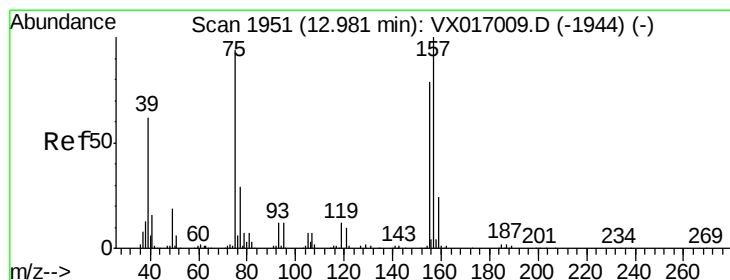
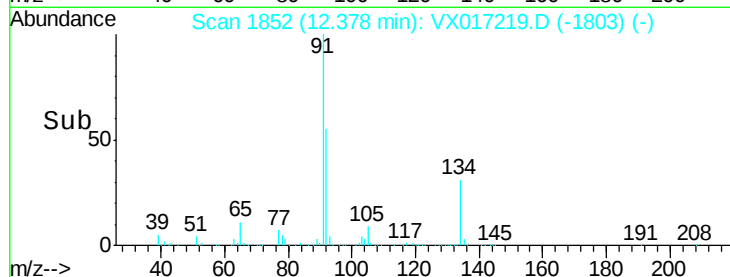
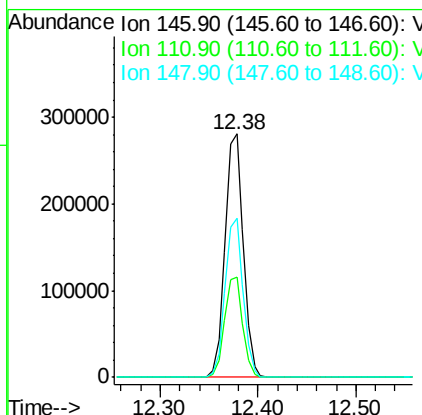
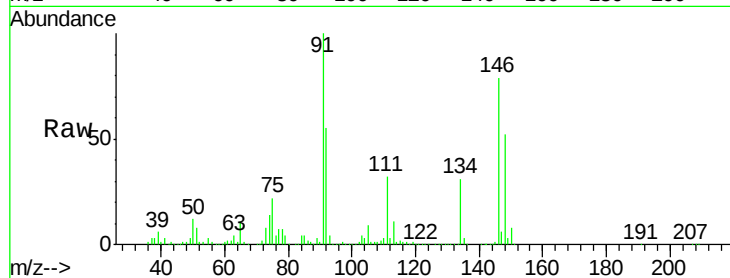
#91
 1,2-Dichlorobenzene
 Concen: 50.425 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.9
148	64.5	32.4	97.2

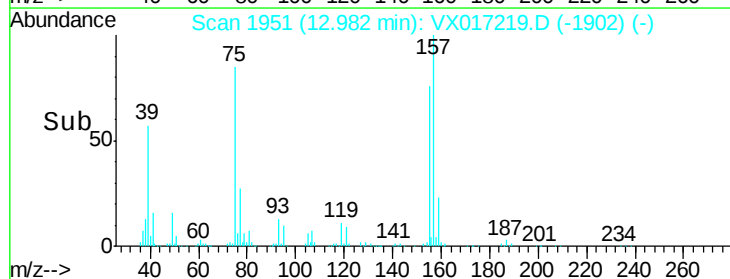
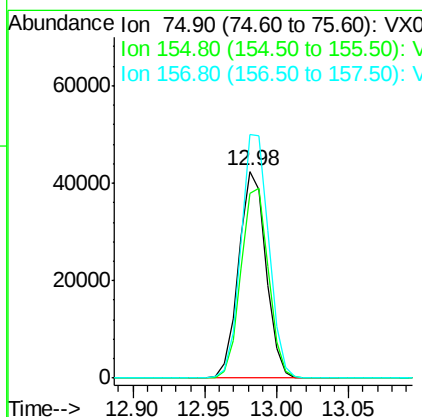
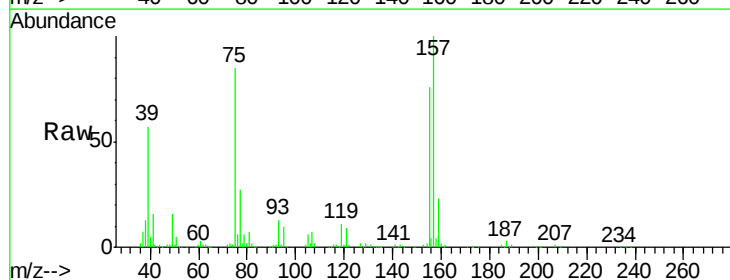
Manual Integrations
 APPROVED

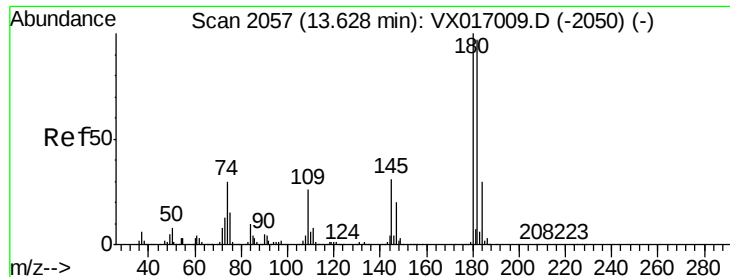
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 7/8/2020 9:31:49 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.215 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017219.D
 Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	45.1	135.2
157	119.7	56.5	169.3





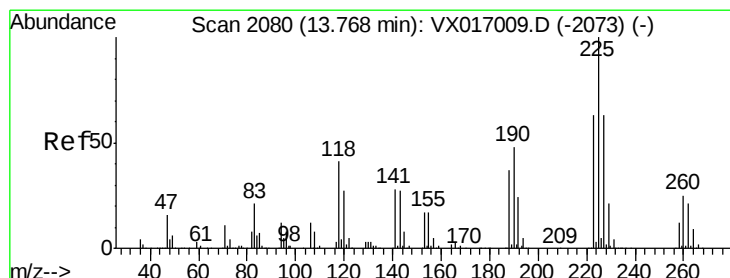
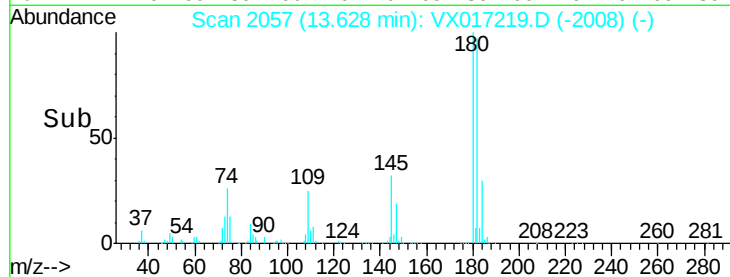
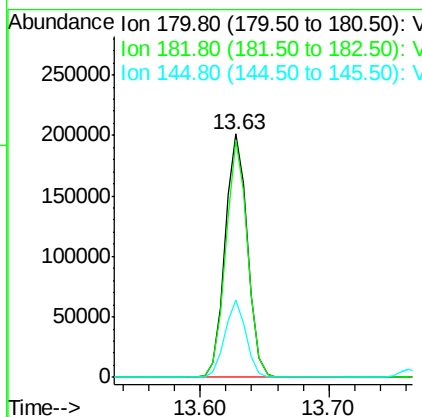
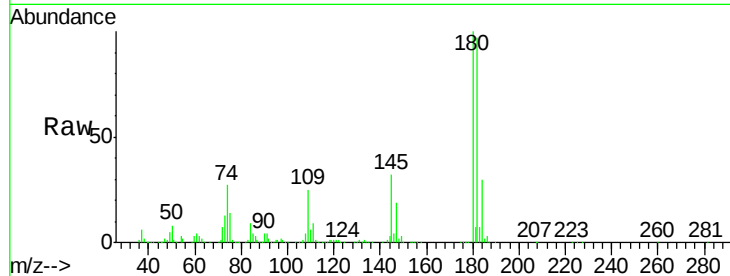
#93
1,2,4-Trichlorobenzene
Concen: 50.020 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	245317		
182	95.1	47.3	141.9	
145	30.3	15.4	46.2	

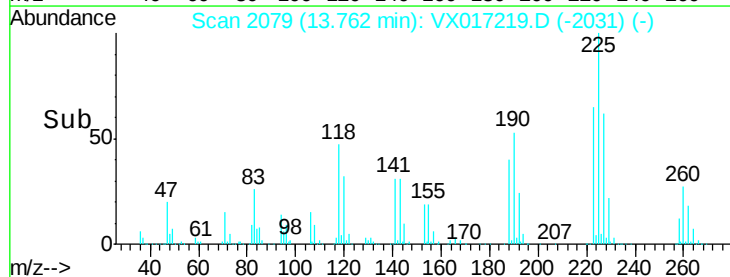
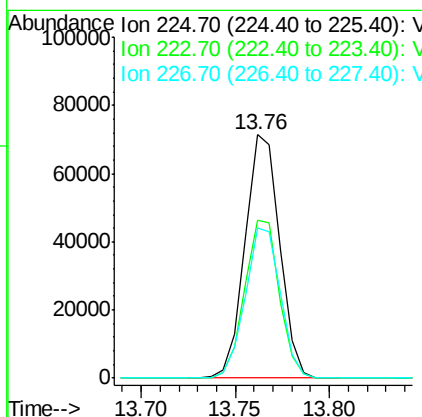
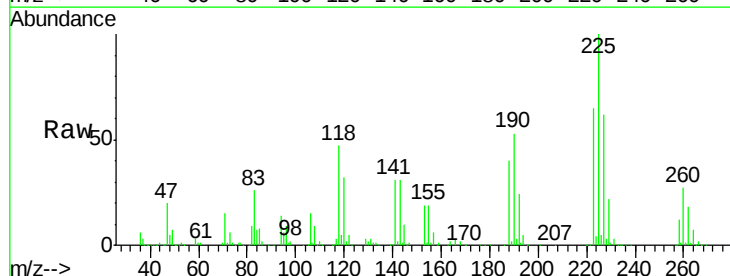
Manual Integrations
APPROVED

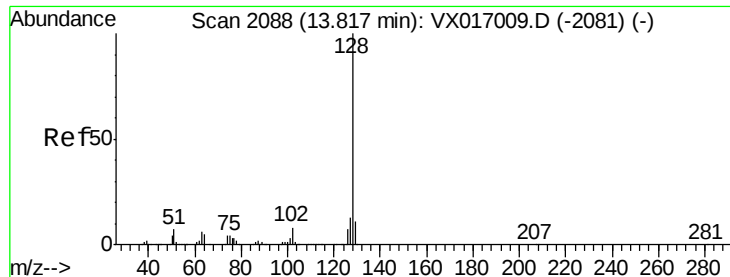
MMDadoda
7/8/2020 9:31:49 AM



#94
Hexachlorobutadiene
Concen: 48.865 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017219.D
Acq: 07 Jul 2020 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90917		
223	64.8	32.5	97.5	
227	62.6	33.1	99.2	





#95

Naphthalene

Concen: 52.799 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Instrument :

MSVOA_X

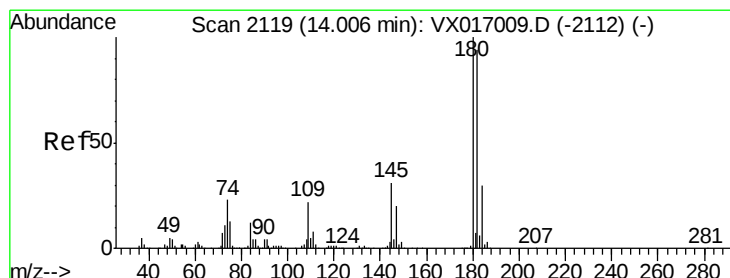
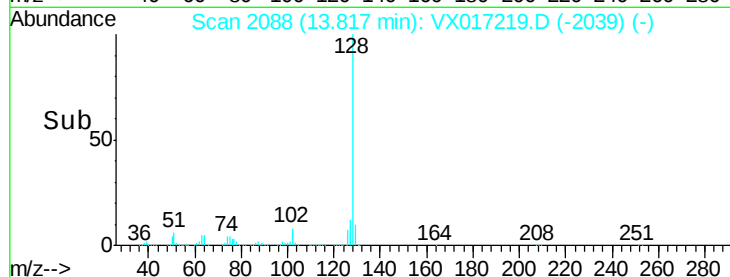
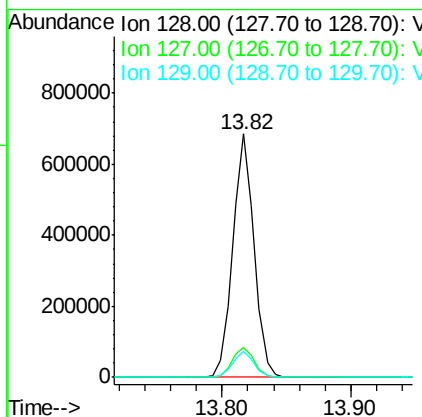
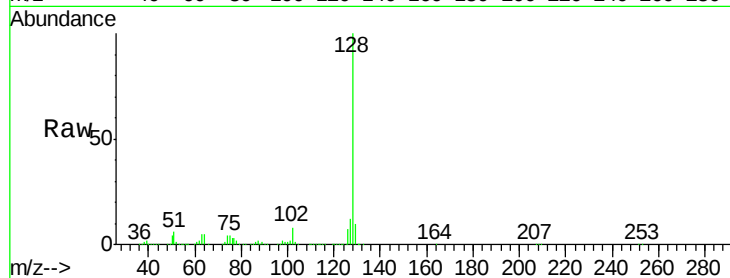
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	787236
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:31:49 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.041 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017219.D

Acq: 07 Jul 2020 21:33

Tgt Ion:	180	Resp:	242253
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.1	141.4
145	32.6	16.6	49.7

