

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092520\
 Data File : VX018589.D
 Acq On : 25 Sep 2020 10:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 12:49:52 PM

Quant Time: Sep 25 18:28:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	486492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	718870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	678830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	370668	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	329831	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	5.46	113	257480	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
50) Toluene-d8	8.70	98	929007	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.12	95	356446	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	237360	51.462	ug/l	97
3) Chloromethane	1.31	50	248140	45.953	ug/l	97
4) Vinyl Chloride	1.39	62	262381	45.898	ug/l	100
5) Bromomethane	1.64	94	179519	51.165	ug/l	99
6) Chloroethane	1.71	64	153079	46.788	ug/l	98
7) Trichlorofluoromethane	1.92	101	465802	53.636	ug/l	98
8) Diethyl Ether	2.17	74	139873	45.905	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	242961	51.977	ug/l	99
10) Methyl Iodide	2.50	142	306682	52.728	ug/l	96
11) Tert butyl alcohol	3.05	59	222813	186.070	ug/l	100
12) 1,1-Dichloroethene	2.36	96	224654	47.684	ug/l	98
13) Acrolein	2.28	56	133496	176.064	ug/l	98
14) Allyl chloride	2.71	41	408336	44.725	ug/l	96
15) Acrylonitrile	3.12	53	624203	218.466	ug/l	99
16) Acetone	2.43	43	681930	259.091	ug/l	99
17) Carbon Disulfide	2.55	76	641978	45.626	ug/l	99
18) Methyl Acetate	2.75	43	296864	45.523	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	831602	50.282	ug/l	97
20) Methylene Chloride	2.84	84	262485	45.200	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	252557	46.125	ug/l	95
22) Diisopropyl ether	3.82	45	827766	48.235	ug/l	92
23) Vinyl Acetate	3.78	43	3597089	236.543	ug/l	100
24) 1,1-Dichloroethane	3.67	63	466596	47.145	ug/l	99
25) 2-Butanone	4.64	43	916209	223.534	ug/l	99
26) 2,2-Dichloropropane	4.55	77	444290	48.586	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	282012	45.951	ug/l	98
28) Bromochloromethane	4.98	49	235799	50.914	ug/l	97
29) Tetrahydrofuran	5.09	42	541148	209.474	ug/l	98
30) Chloroform	5.18	83	502708	50.061	ug/l	99
31) Cyclohexane	5.54	56	387939	46.579	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	469853	49.874	ug/l	97
36) 1,1-Dichloropropene	5.77	75	362627	51.972	ug/l	99
37) Ethyl Acetate	4.79	43	343014	46.037	ug/l	99
38) Carbon Tetrachloride	5.75	117	443233	57.358	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	400374	51.075	ug/l	98
40) Benzene	6.11	78	1016863	50.853	ug/l	99
41) Methacrylonitrile	5.00	41	195302	47.173	ug/l	99
42) 1,2-Dichloroethane	6.16	62	422799	54.350	ug/l	99
43) Isopropyl Acetate	6.41	43	586652	47.448	ug/l	100
44) Trichloroethene	7.18	130	299394	51.721	ug/l	95
45) 1,2-Dichloropropane	7.49	63	272115	49.580	ug/l	96
46) Dibromomethane	7.63	93	195586	51.870	ug/l	98
47) Bromodichloromethane	7.87	83	412882	54.331	ug/l	98
48) Methyl methacrylate	7.74	41	289706	48.139	ug/l	97
49) 1,4-Dioxane	7.76	88	74226	746.445	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1784664	242.422	ug/l	99
52) Toluene	8.76	92	656884	52.204	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	452332	52.384	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	471567	53.010	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	277262	53.102	ug/l	98
56) Ethyl methacrylate	9.16	69	396449	51.207	ug/l	98
57) 1,3-Dichloropropane	9.35	76	453161	51.657	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1000672	243.108	ug/l	99
59) 2-Hexanone	9.47	43	1375773	245.697	ug/l	99
60) Dibromochloromethane	9.57	129	337276	54.173	ug/l	100
61) 1,2-Dibromoethane	9.65	107	299012	53.823	ug/l	99
64) Tetrachloroethene	9.32	164	289723	54.211	ug/l	96
65) Chlorobenzene	10.12	112	719277	51.458	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	298163	53.173	ug/l	99
67) Ethyl Benzene	10.23	91	1293831	53.476	ug/l	98
68) m/p-Xylenes	10.34	106	996056	108.831	ug/l	100
69) o-Xylene	10.68	106	462261	53.337	ug/l	99
70) Styrene	10.70	104	810912	54.189	ug/l	98
71) Bromoform	10.84	173	247829	52.639	ug/l #	99
73) Isopropylbenzene	11.00	105	1298395	52.435	ug/l	99
74) N-amyl acetate	10.88	43	513339	46.048	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	392287	47.862	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	363299m	46.640	ug/l	
77) Bromobenzene	11.24	156	325044	47.575	ug/l	98
78) n-propylbenzene	11.34	91	1503199	51.862	ug/l	100
79) 2-Chlorotoluene	11.40	91	887183	50.567	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1116936	52.743	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	140932	46.363	ug/l	97
82) 4-Chlorotoluene	11.49	91	1075965	51.591	ug/l	99
83) tert-Butylbenzene	11.76	119	1051984	51.164	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1135143	53.226	ug/l	99
85) sec-Butylbenzene	11.93	105	1258296	51.866	ug/l	99
86) p-Isopropyltoluene	12.05	119	1189580	53.353	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	629377	51.234	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	620226	49.794	ug/l	99
89) n-Butylbenzene	12.37	91	1075714	52.116	ug/l	100
90) Hexachloroethane	12.58	117	225758	50.718	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	603977	52.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94834	47.662	ug/l	98

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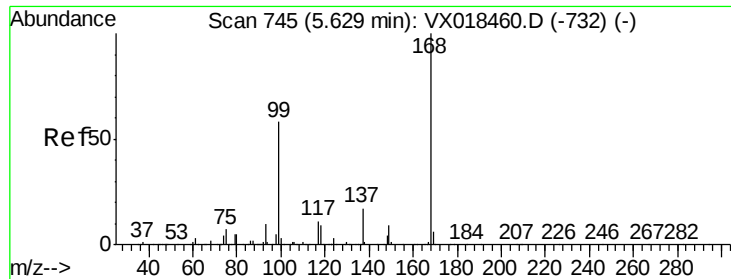
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	402063	50.244	ug/l	94
94) Hexachlorobutadiene	13.77	225	178436	53.138	ug/l	99
95) Naphthalene	13.82	128	1220344	50.496	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	382130	49.967	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 486492

Ion Ratio Lower Upper

168 100

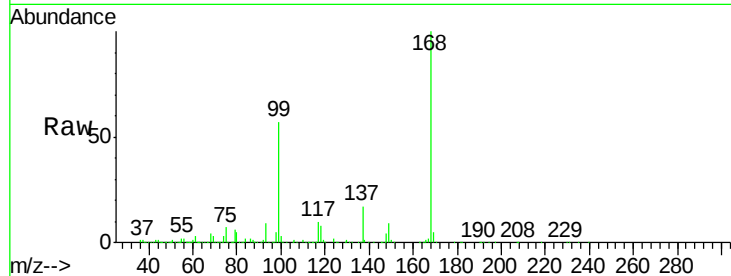
99 56.5 46.5 69.7

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

5.62

200000

150000

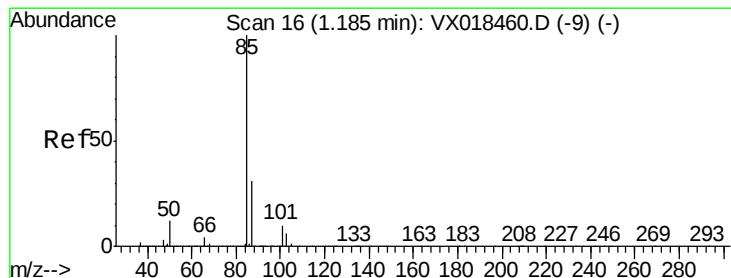
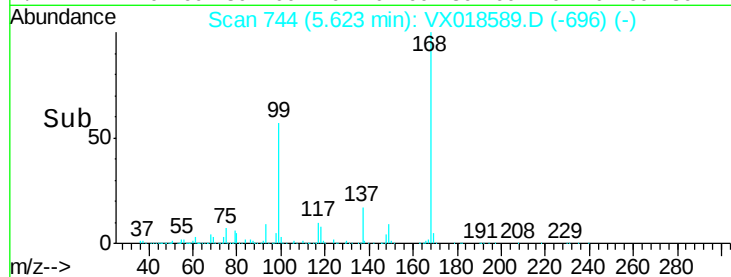
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.462 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018589.D

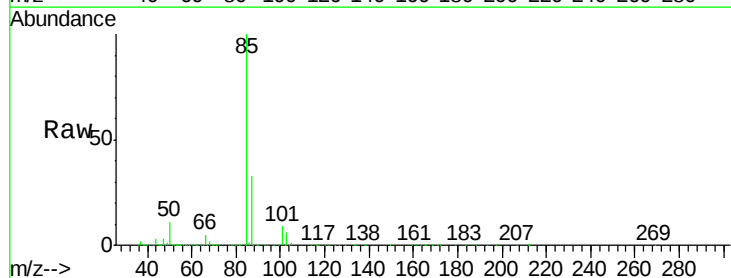
Acq: 25 Sep 2020 10:00

Tgt Ion: 85 Resp: 237360

Ion Ratio Lower Upper

85 100

87 32.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

150000

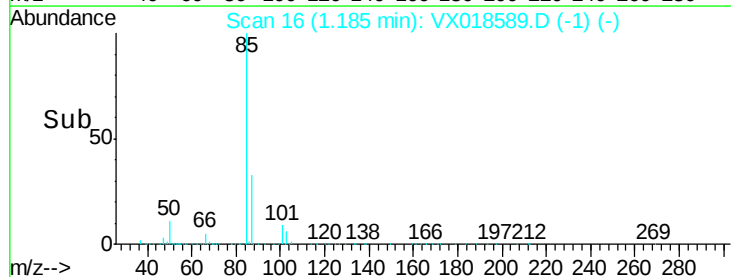
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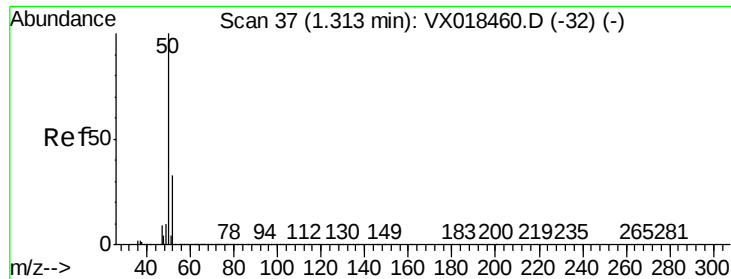
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.953 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 248140

Ion Ratio Lower Upper

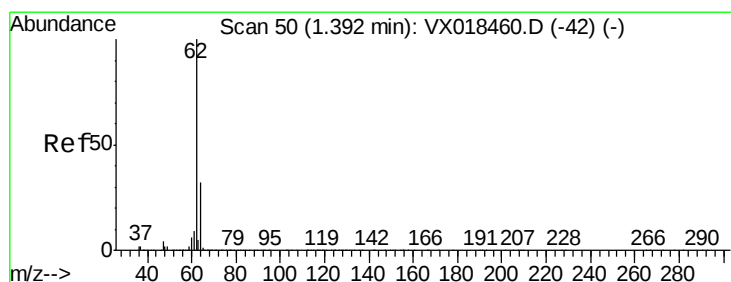
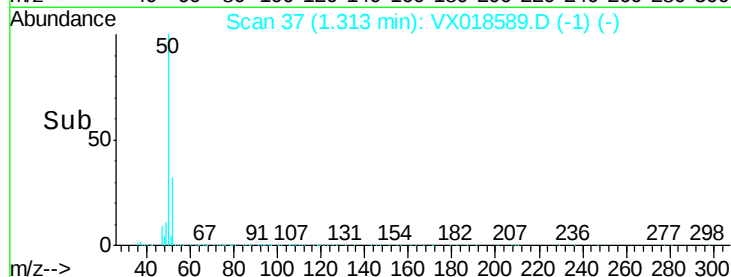
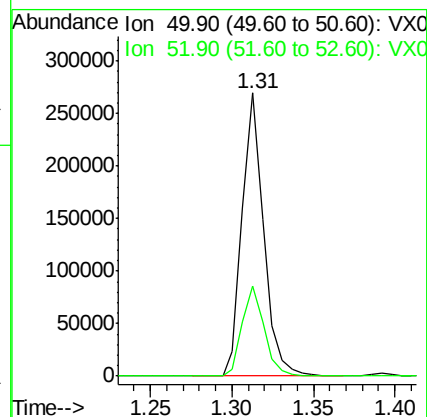
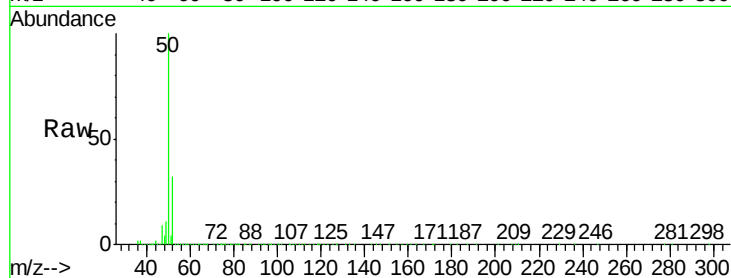
50 100

52 31.7 26.6 40.0

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#4

Vinyl Chloride

Concen: 45.898 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018589.D

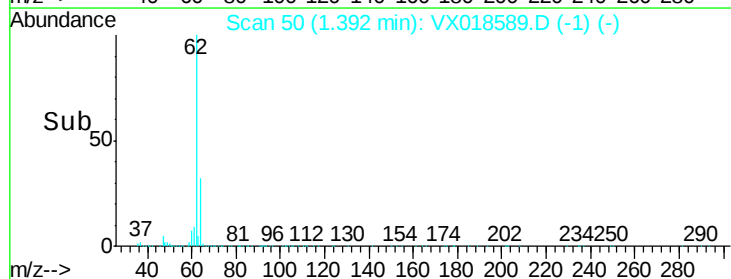
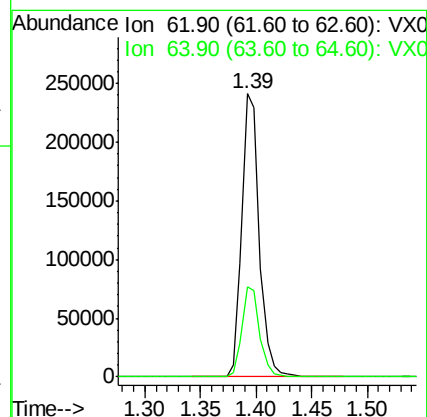
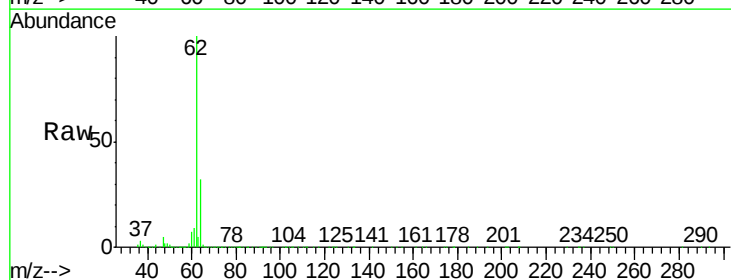
Acq: 25 Sep 2020 10:00

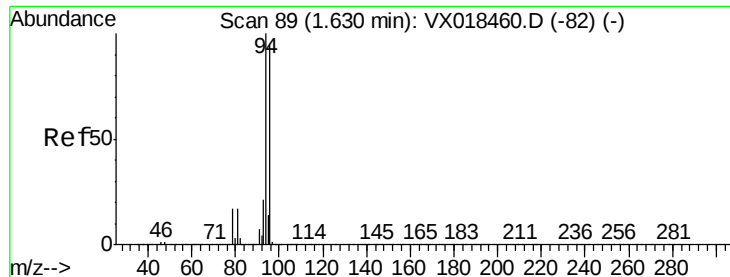
Tgt Ion: 62 Resp: 262381

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 51.165 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 179519

Ion Ratio Lower Upper

94 100

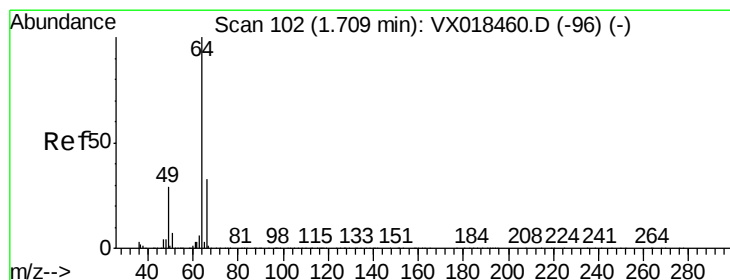
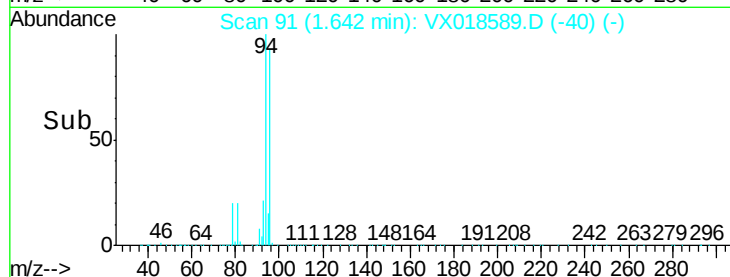
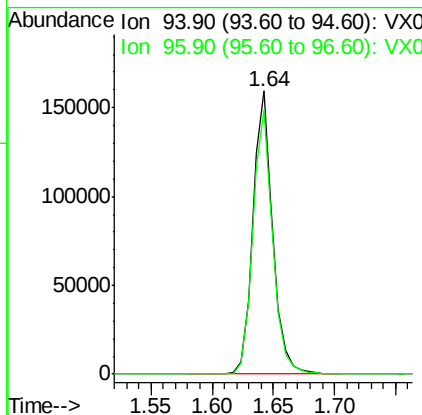
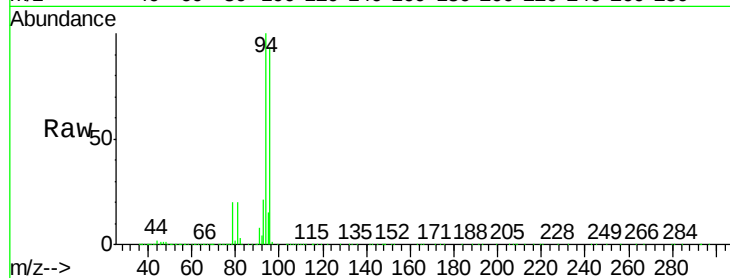
96 93.2 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 46.788 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018589.D

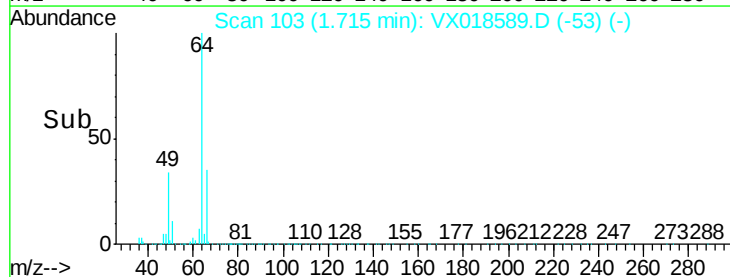
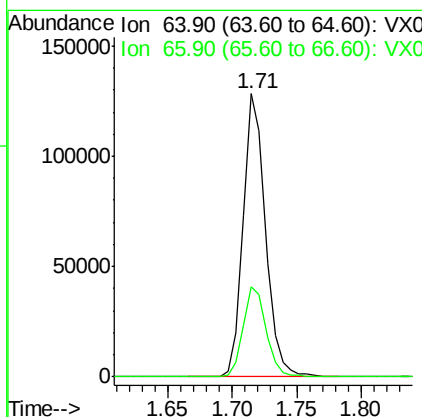
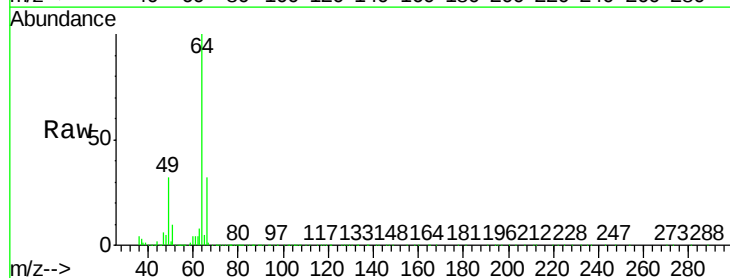
Acq: 25 Sep 2020 10:00

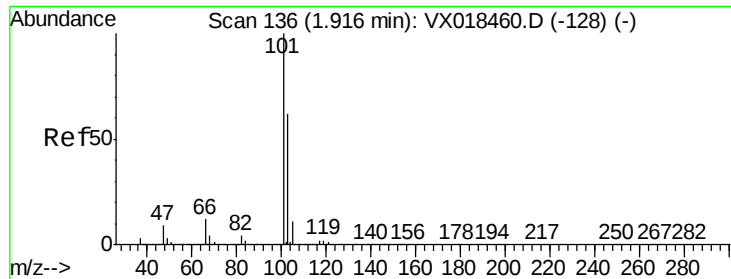
Tgt Ion: 64 Resp: 153079

Ion Ratio Lower Upper

64 100

66 31.7 26.2 39.4





#7

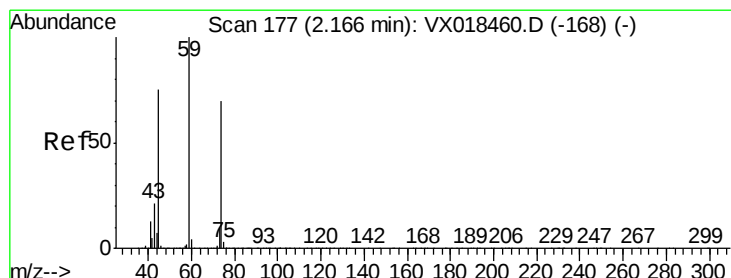
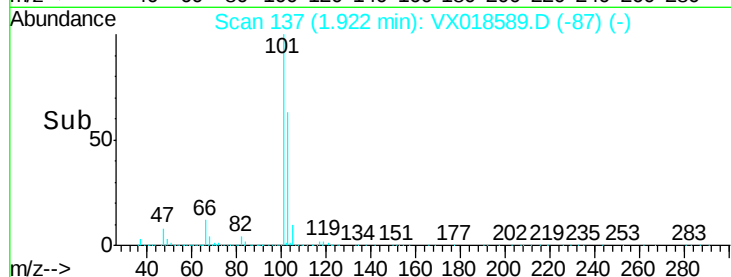
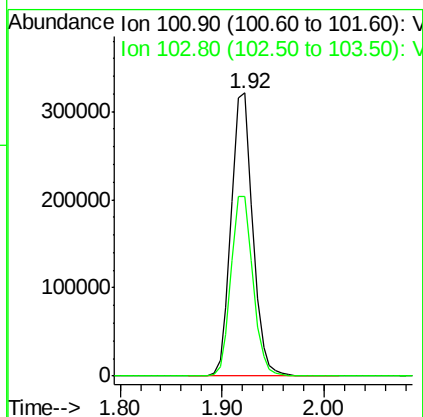
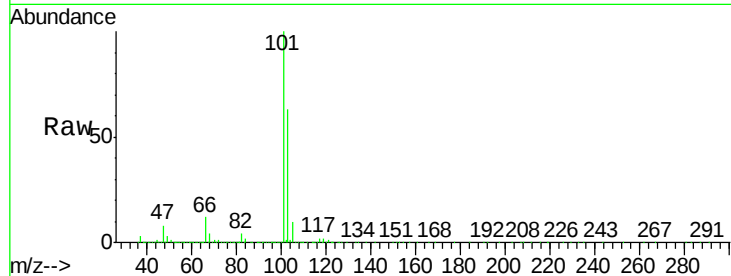
Trichlorofluoromethane
Concen: 53.636 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	49.6	74.4

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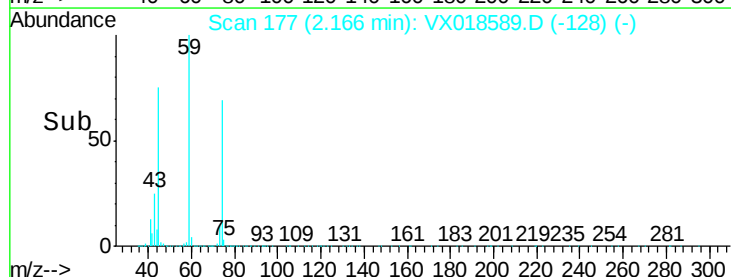
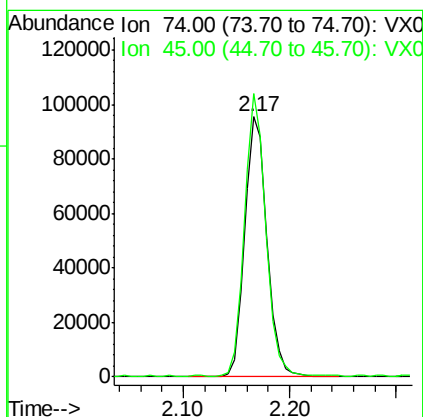
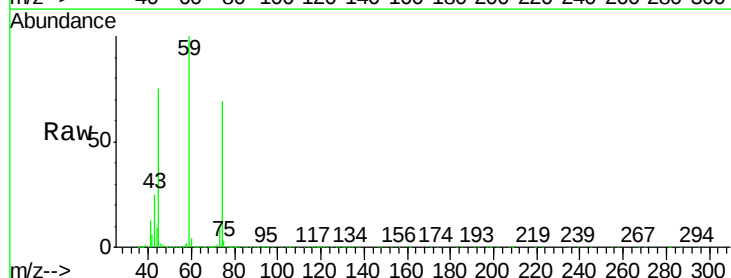
MMDadoda
9/28/2020 12:49:52 PM

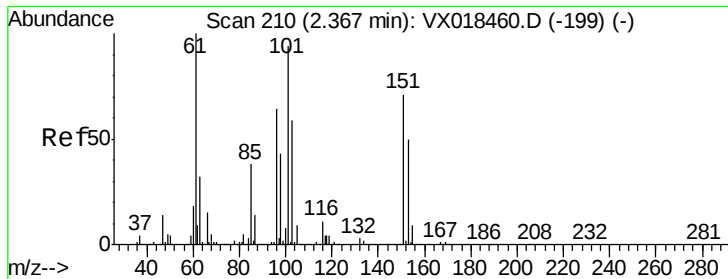


#8

Diethyl Ether
Concen: 45.905 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.4	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.977 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

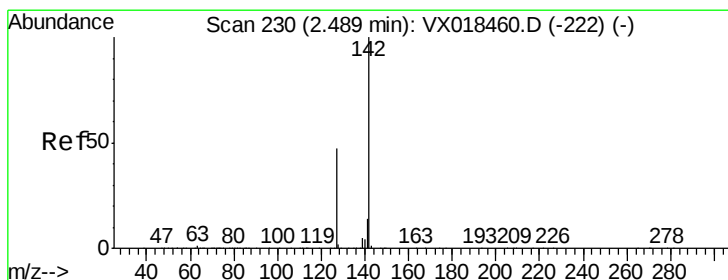
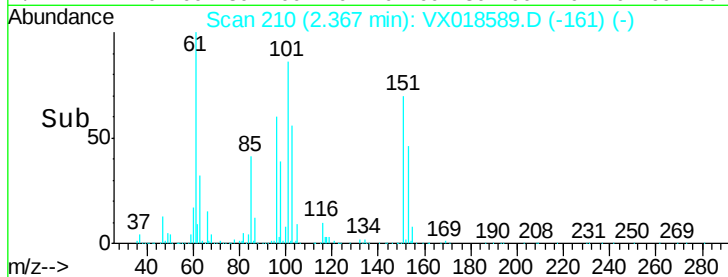
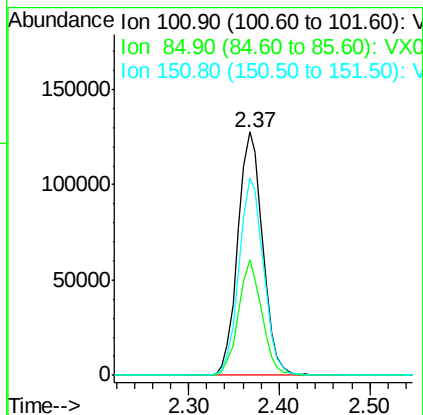
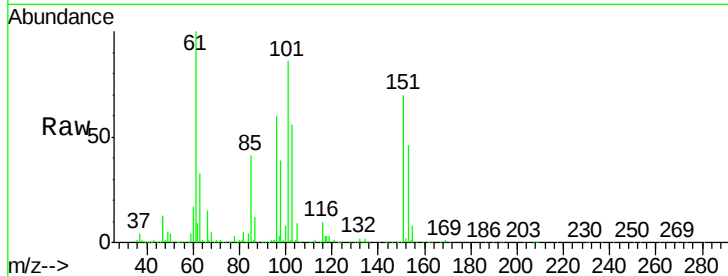
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	242961
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.7	52.1
151	80.1	64.9	97.3

Manual Integrations
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#10

Methyl Iodide

Concen: 52.728 ug/l

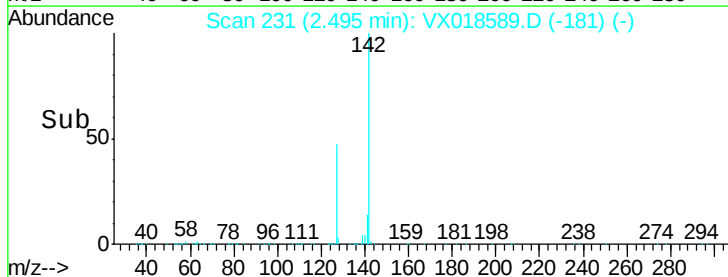
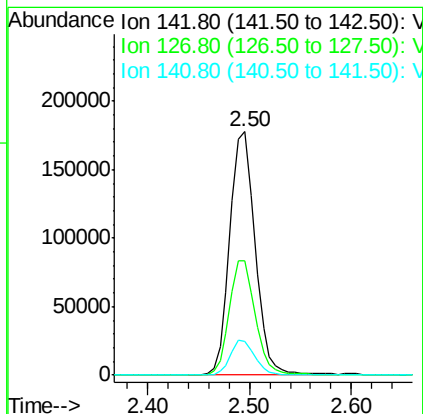
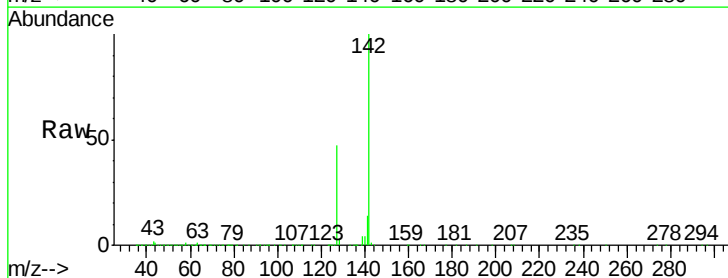
RT: 2.50 min Scan# 231

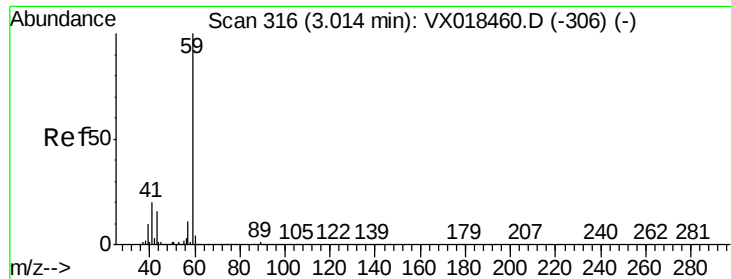
Delta R.T. 0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tgt Ion:	142	Resp:	306682
Ion Ratio	Lower	Upper	
142	100		
127	48.1	36.0	54.0
141	14.0	11.9	17.9





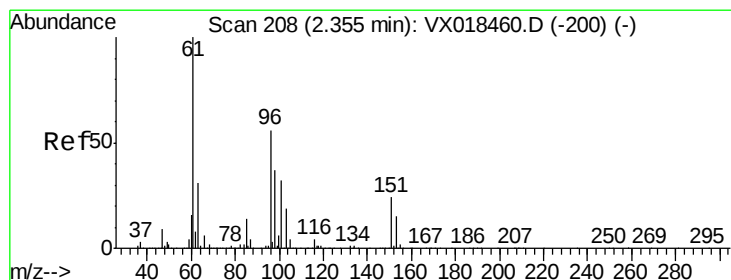
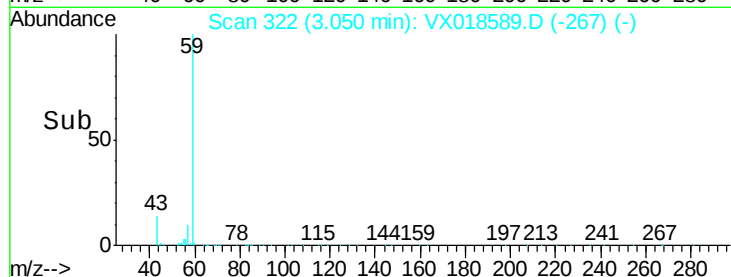
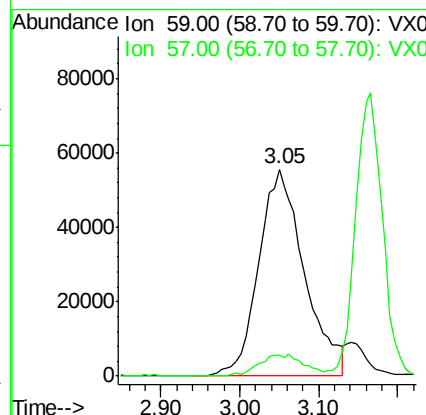
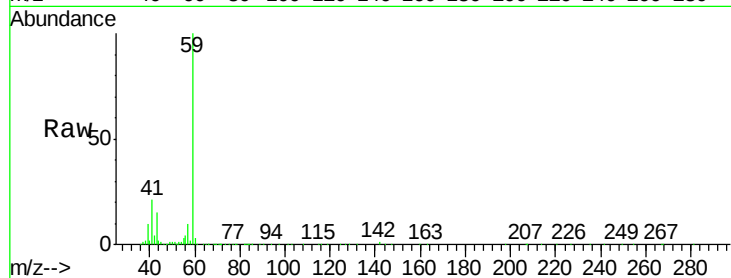
#11
Tert butyl alcohol
Concen: 186.070 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.04 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 222813
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

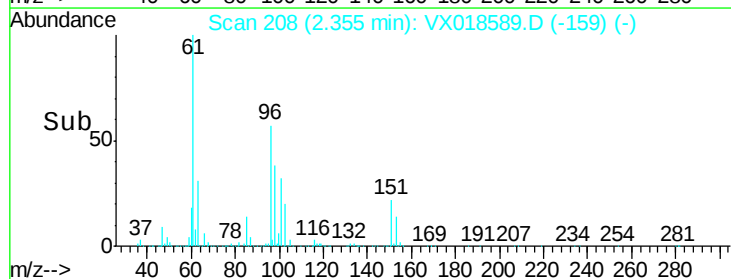
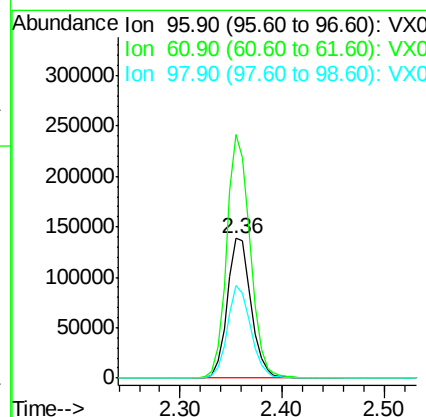
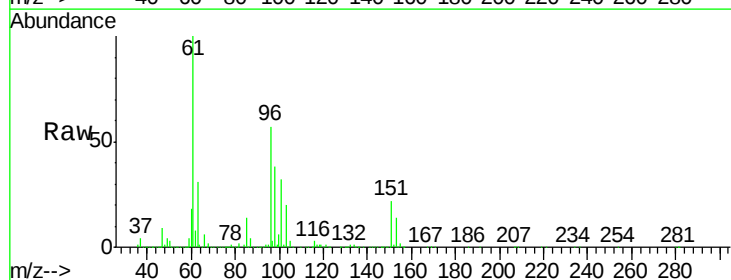
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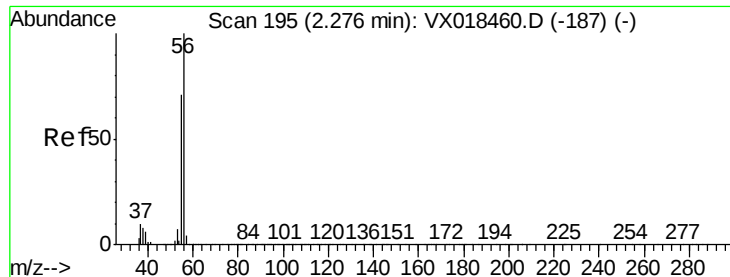
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#12
1,1-Dichloroethene
Concen: 47.684 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion: 96 Resp: 224654
Ion Ratio Lower Upper
96 100
61 174.2 142.2 213.4
98 65.8 52.4 78.6





#13

Acrolein

Concen: 176.064 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 133496

Ion Ratio Lower Upper

56 100

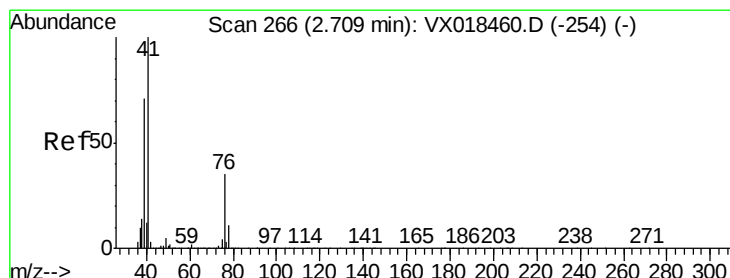
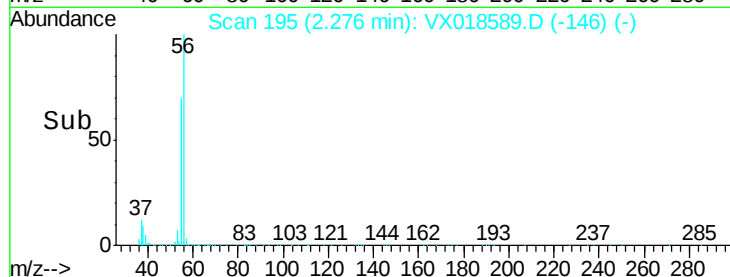
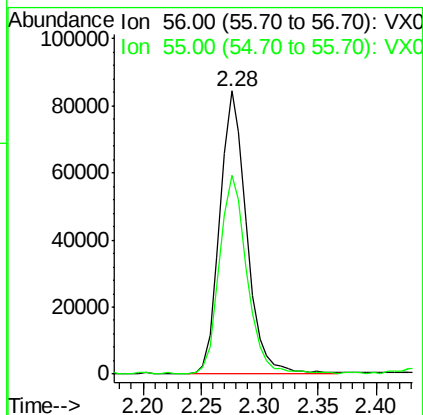
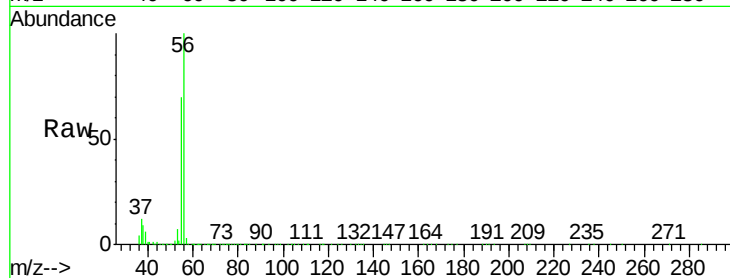
55 71.3 58.2 87.4

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#14

Allyl chloride

Concen: 44.725 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

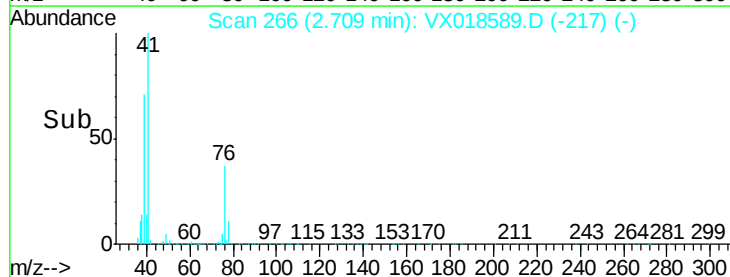
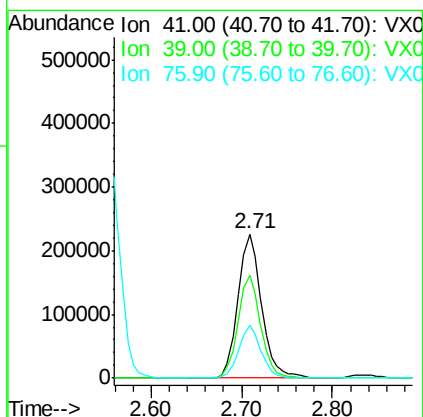
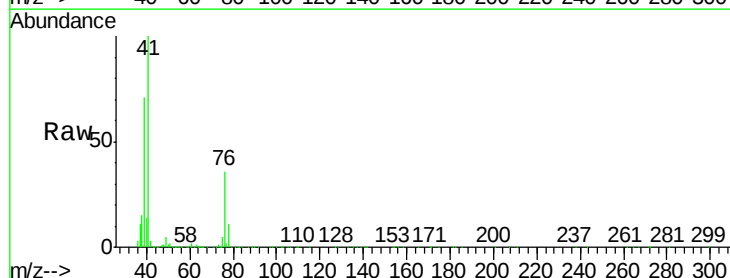
Tgt Ion: 41 Resp: 408336

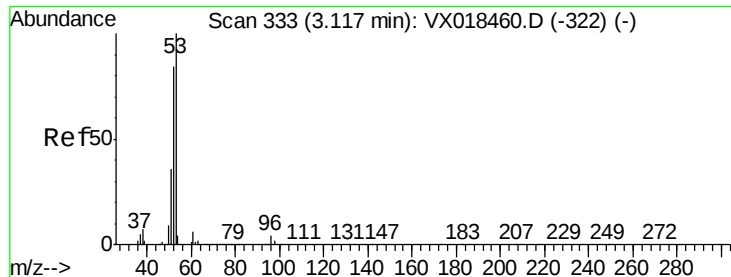
Ion Ratio Lower Upper

41 100

39 68.1 51.1 76.7

76 34.0 26.0 39.0





#15

Acrylonitrile

Concen: 218.466 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

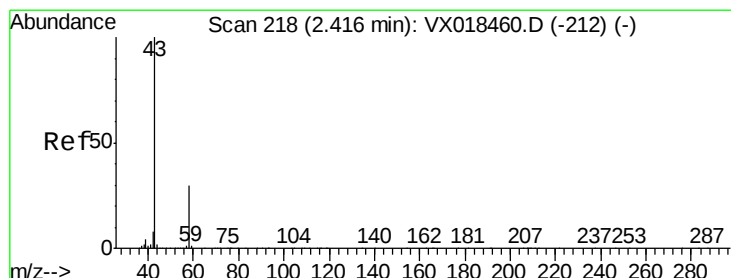
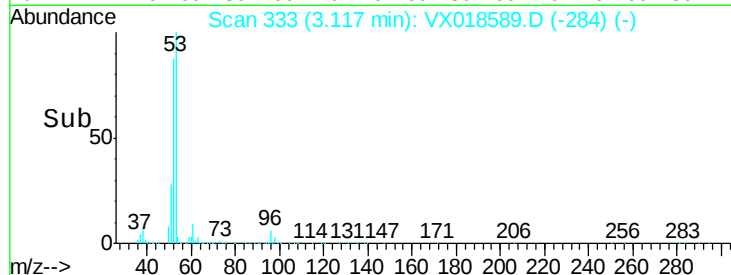
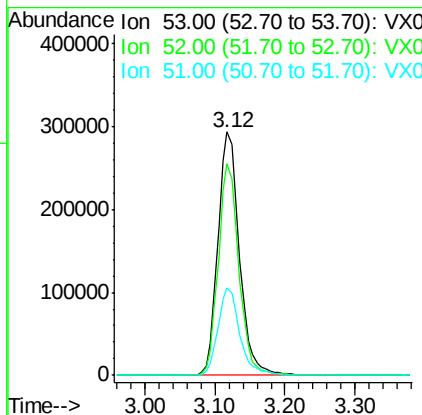
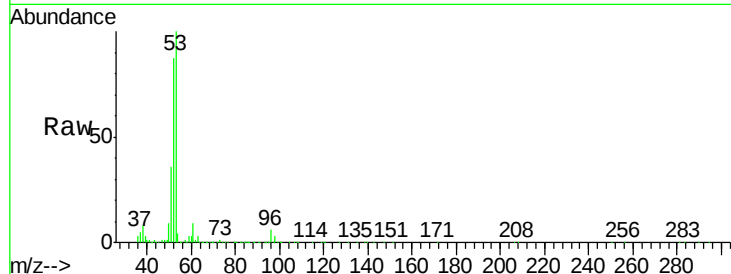
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	624203
Ion Ratio	Lower	Upper	
53	100		
52	83.5	65.8	98.8
51	35.7	29.2	43.8

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#16

Acetone

Concen: 259.091 ug/l

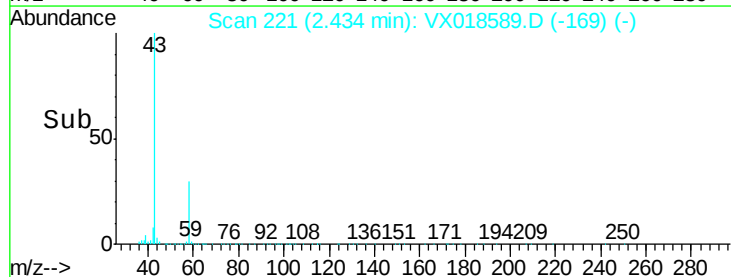
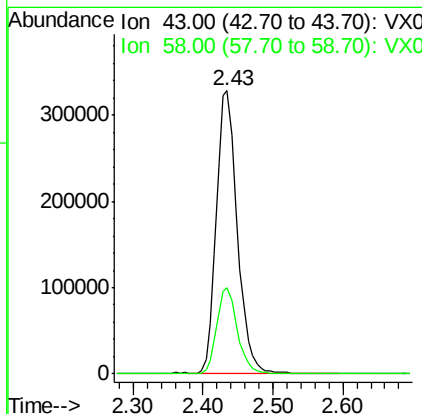
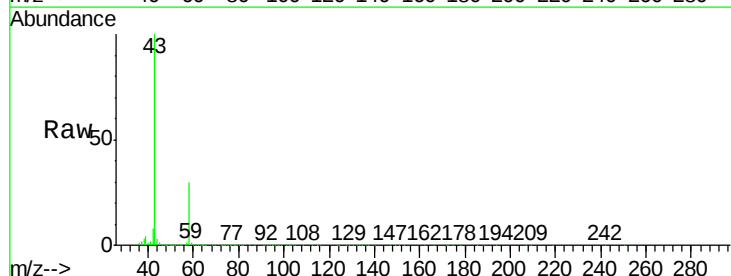
RT: 2.43 min Scan# 221

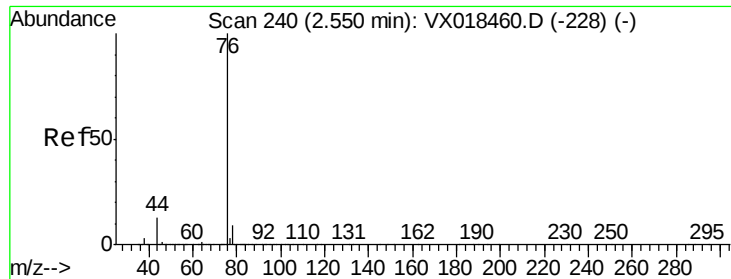
Delta R.T. 0.02 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tgt Ion:	43	Resp:	681930
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.0	36.0





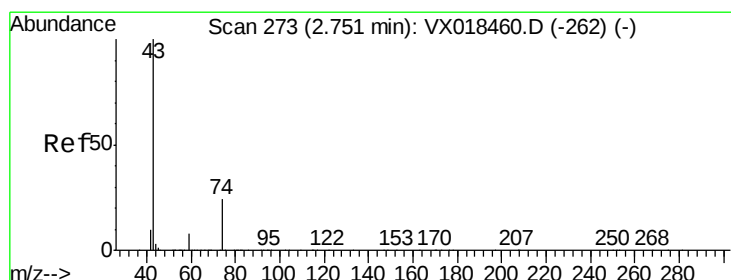
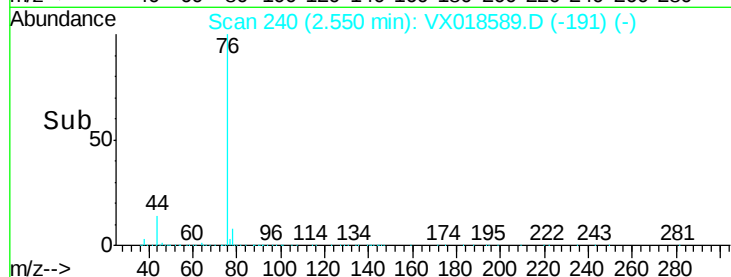
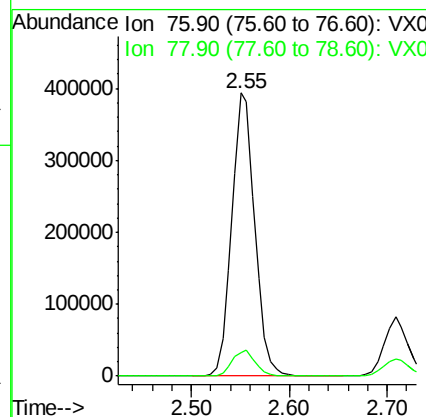
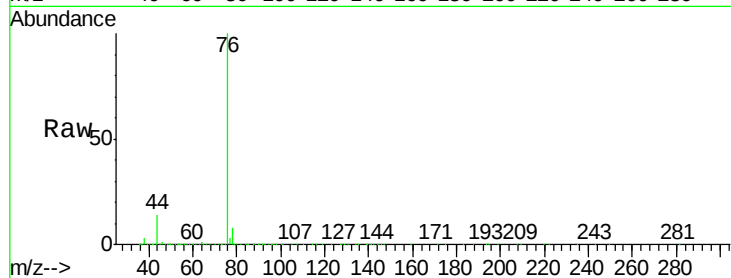
#17
Carbon Disulfide
Concen: 45.626 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.4

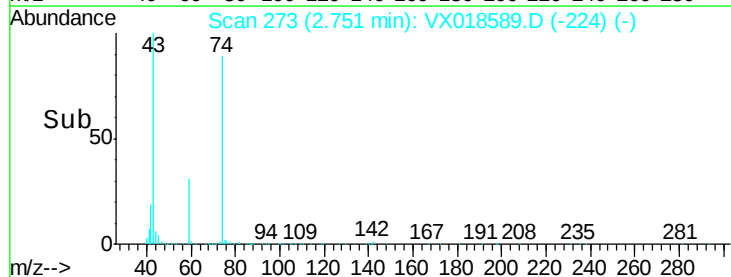
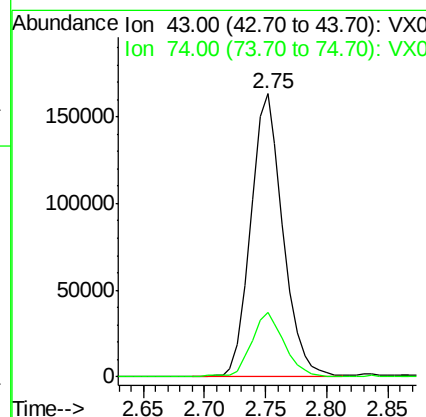
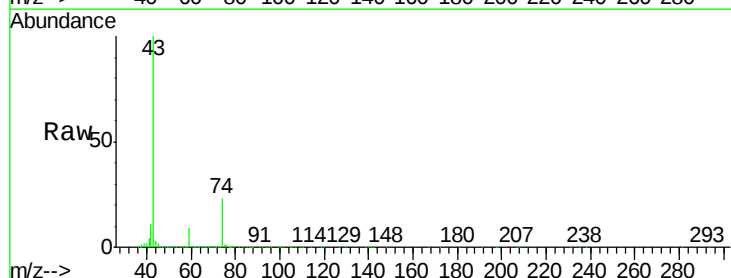
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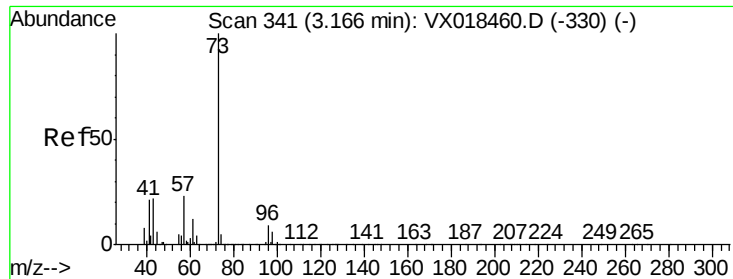
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#18
Methyl Acetate
Concen: 45.523 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.3	27.5





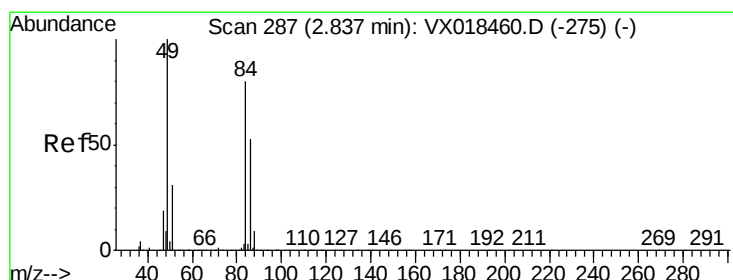
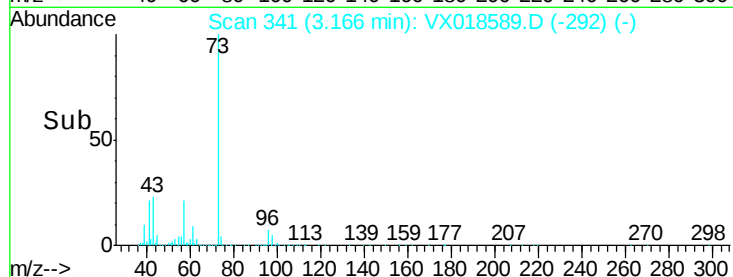
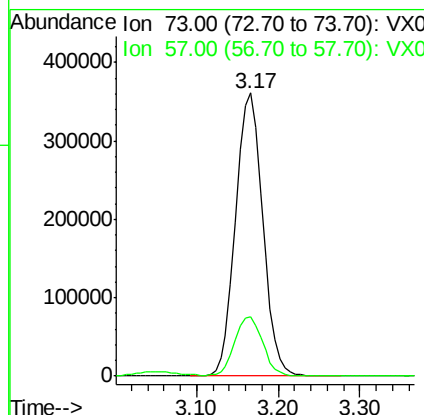
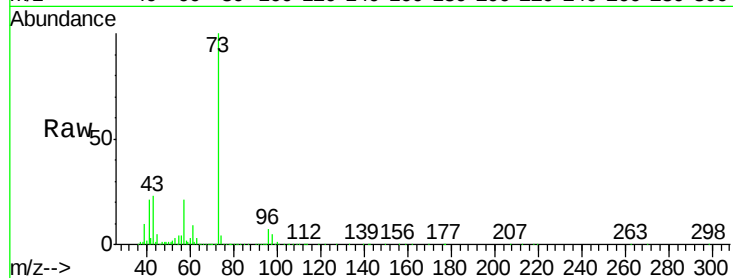
#19
Methvl tert-butvl Ether
Concen: 50.282 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	18.0	27.0

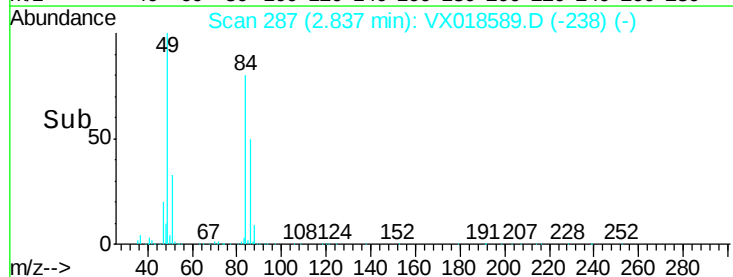
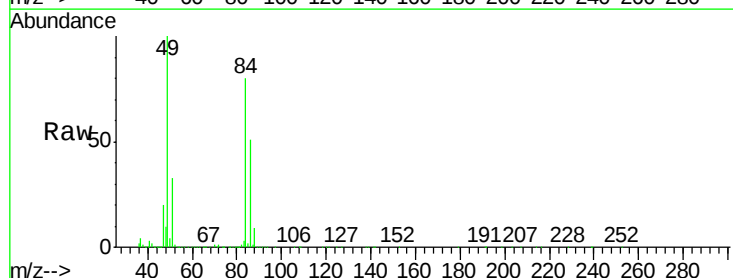
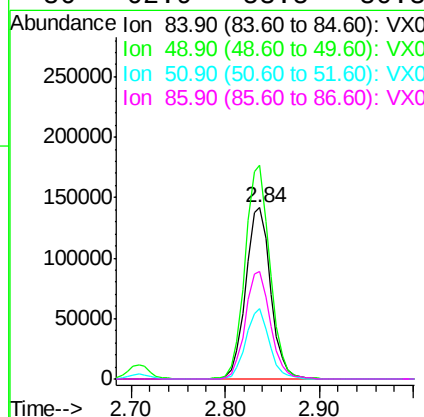
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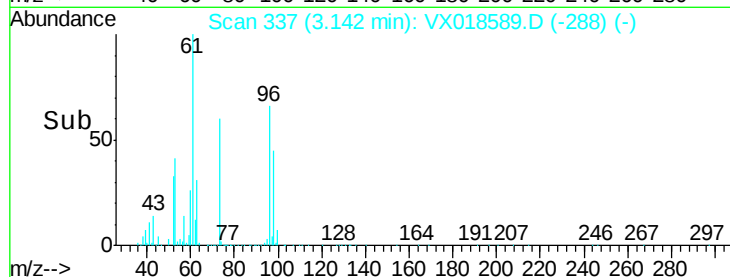
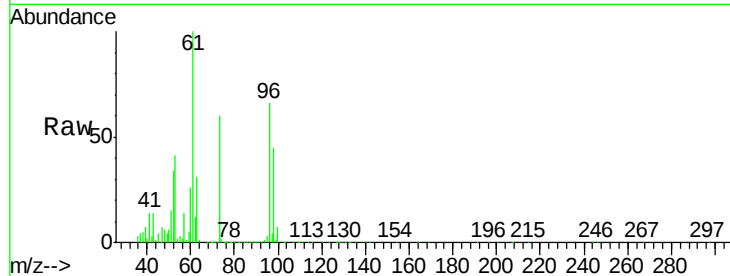
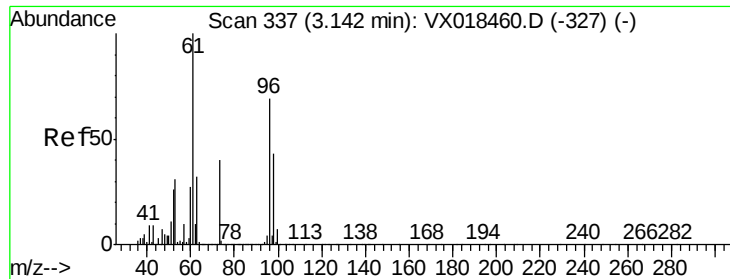
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#20
Methylene Chloride
Concen: 45.200 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	100.6	151.0
51	41.0	30.9	46.3
86	62.9	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 46.125 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tot Ion:	96	Resp:	252557
Ion Ratio	Lower	Upper	
96	100		
61	150.6	115.6	173.4
98	67.6	50.2	75.4

Instrument :

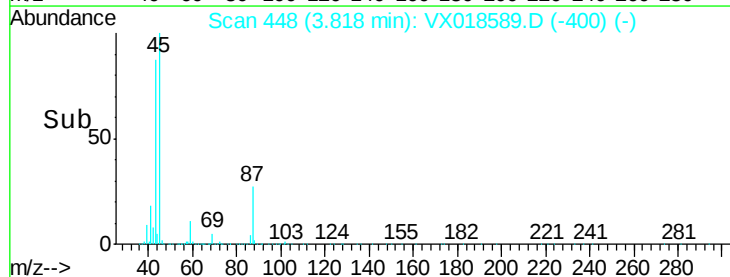
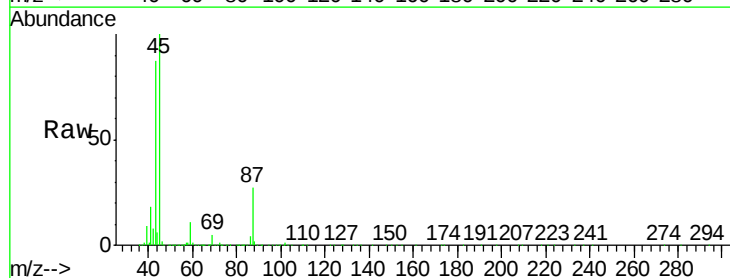
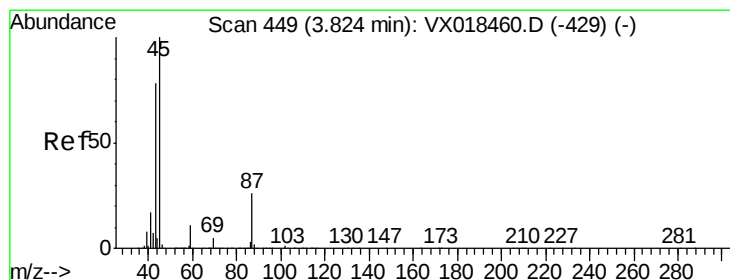
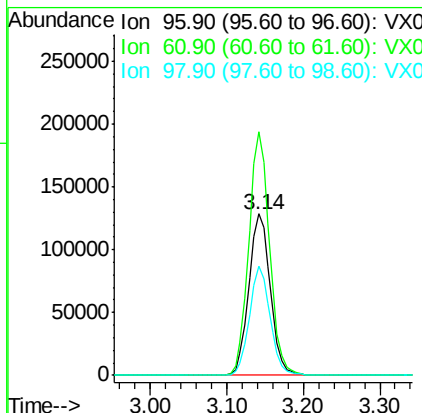
MSVOA_X

ClientSampleId :

VSTDCCC050

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#22

Diisopropyl ether

Concen: 48.235 ug/l

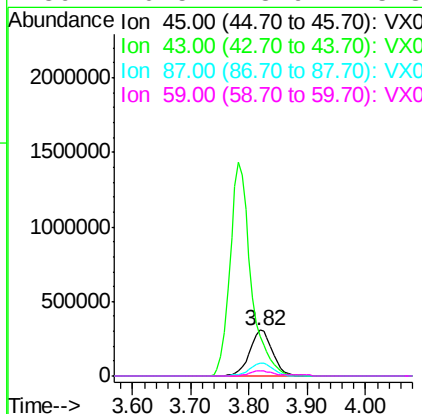
RT: 3.82 min Scan# 448

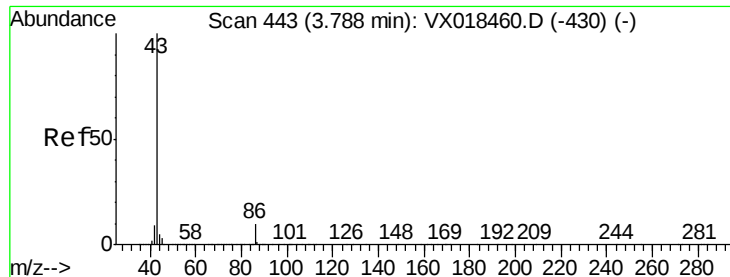
Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tgt Ion:	45	Resp:	827766
Ion Ratio	Lower	Upper	
45	100		
43	87.5	62.4	93.6
87	27.1	21.2	31.8
59	10.5	8.9	13.3





#23

Vinyl Acetate

Concen: 236.543 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3597089

Ion Ratio Lower Upper

43 100

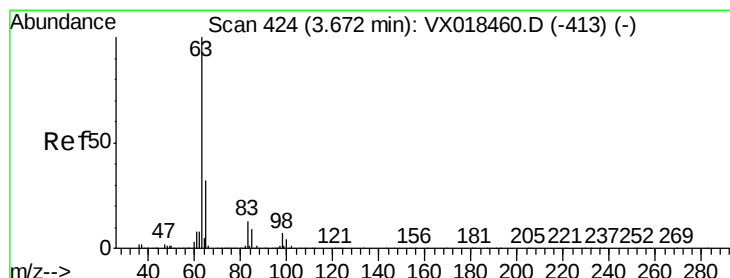
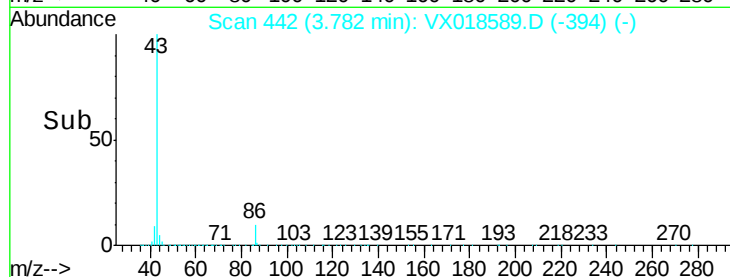
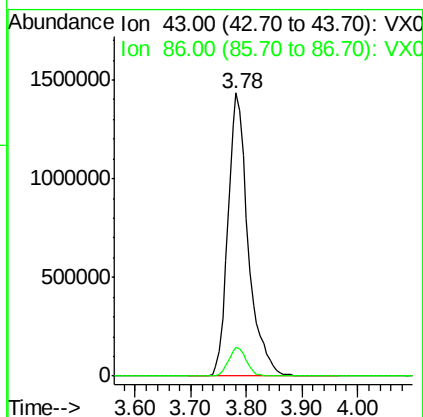
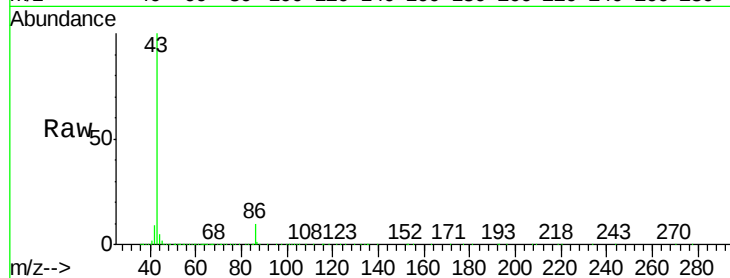
86 10.1 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 47.145 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

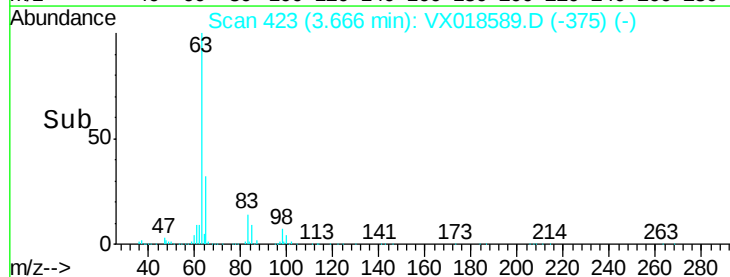
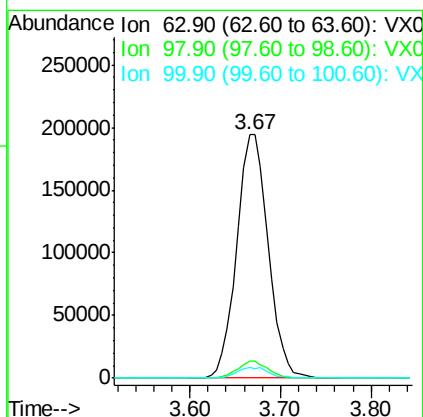
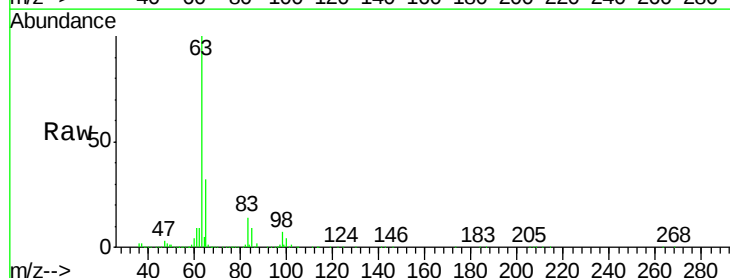
Tgt Ion: 63 Resp: 466596

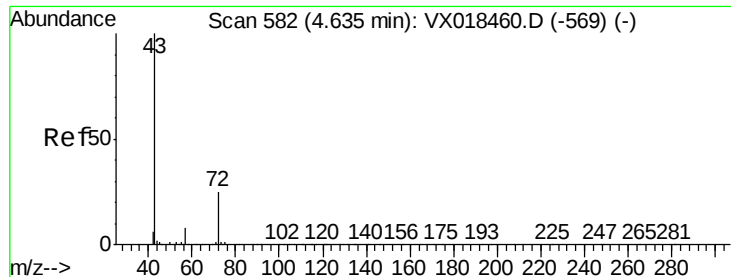
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

100 4.3 1.9 5.7





#25

2-Butanone

Concen: 223.534 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tot Ion: 43 Resp: 916209

Ion Ratio Lower Upper

43 100

72 24.8 20.2 30.4

Instrument :

MSVOA_X

ClientSampleId :

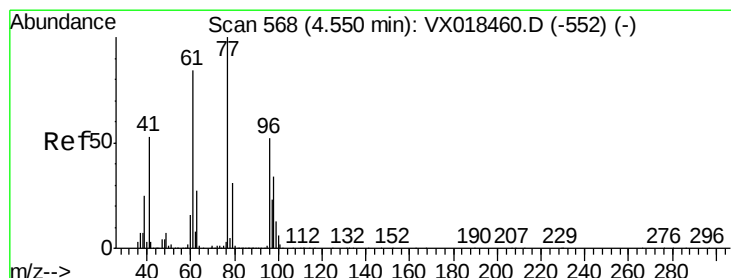
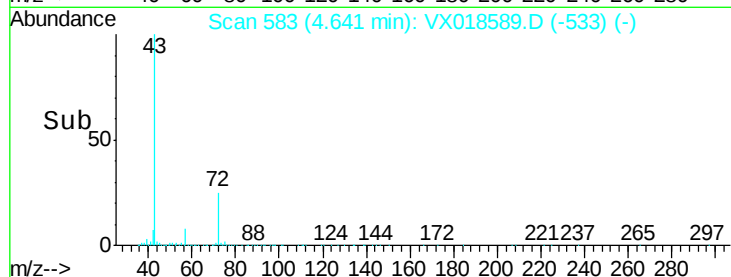
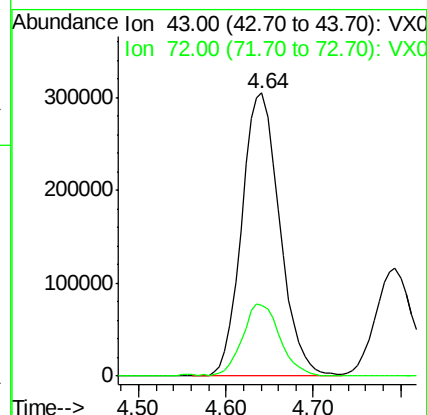
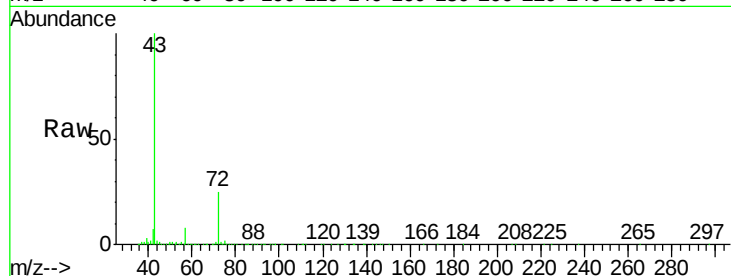
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 48.586 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018589.D

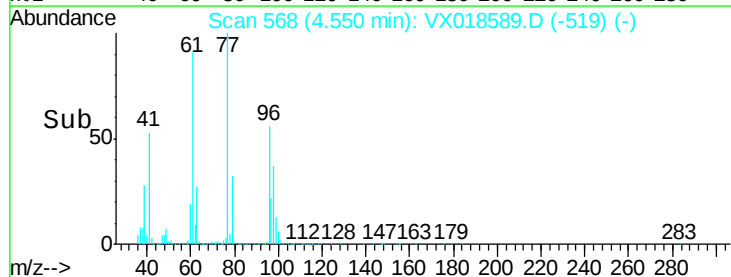
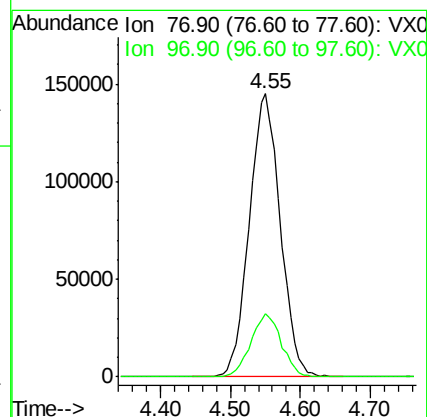
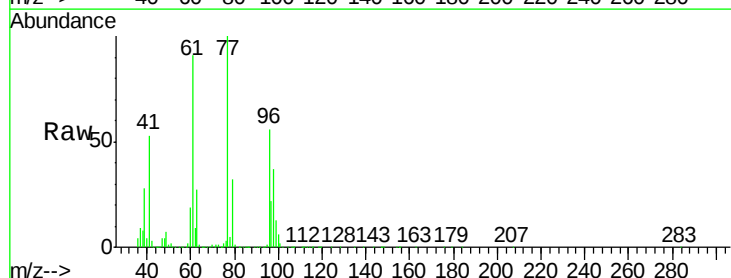
Acq: 25 Sep 2020 10:00

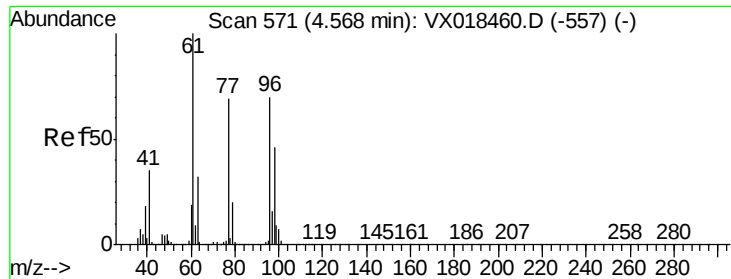
Tgt Ion: 77 Resp: 444290

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

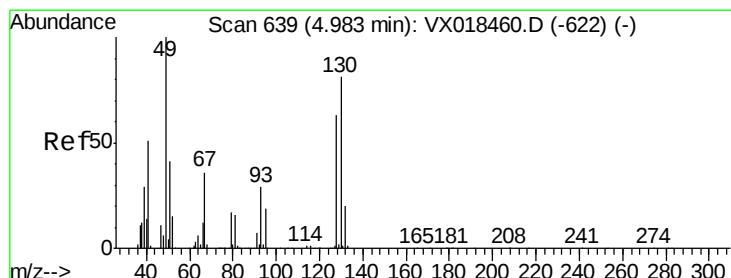
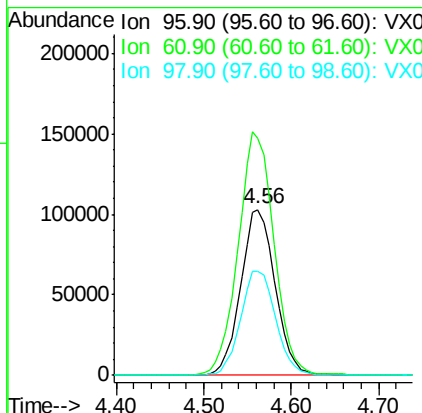
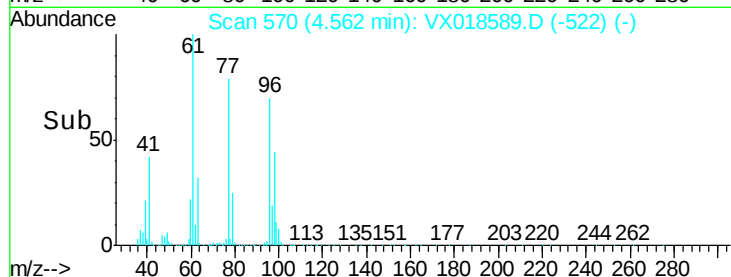
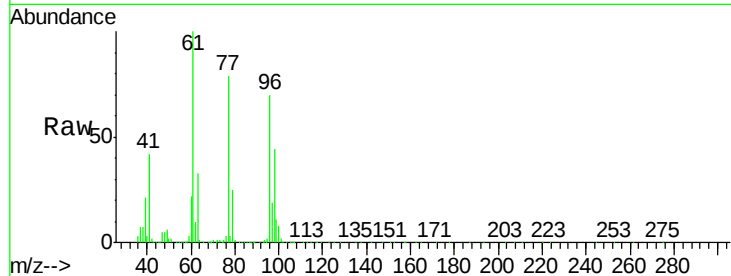
cis-1,2-Dichloroethene
Concen: 45.951 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	282012		
61	152.3	0.0	300.0	
98	64.2	0.0	130.4	

Manual Integrations
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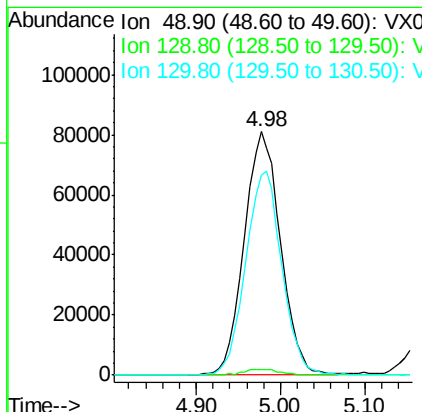
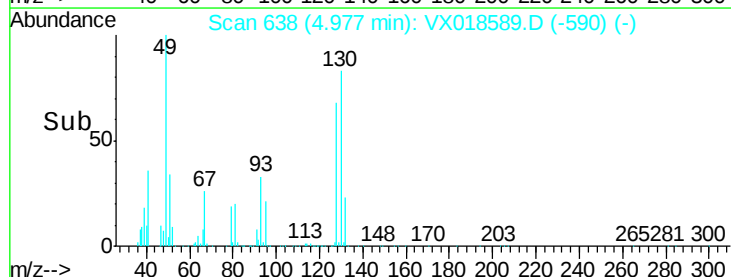
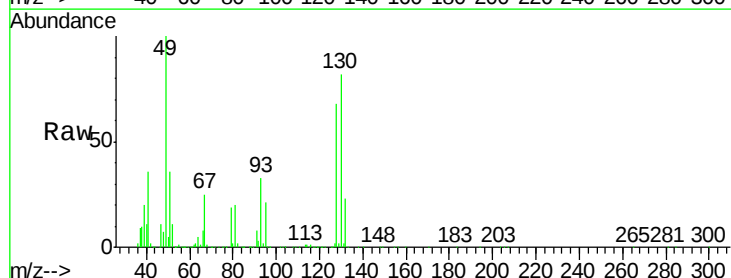
MMDadoda
9/28/2020 12:49:52 PM

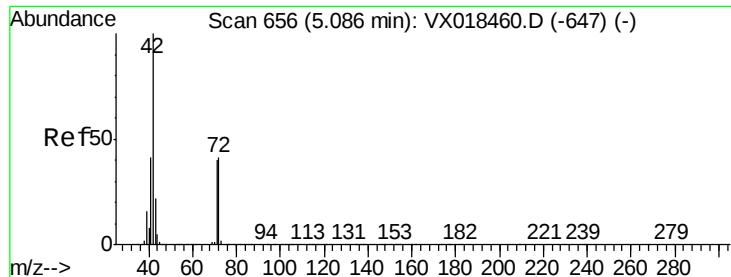


#28

Bromochloromethane
Concen: 50.914 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	235799		
129	2.5	0.0	4.6	
130	83.9	65.0	97.4	





#29

Tetrahydrofuran

Concen: 209.474 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

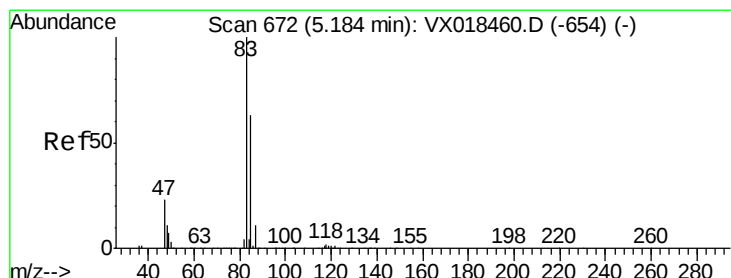
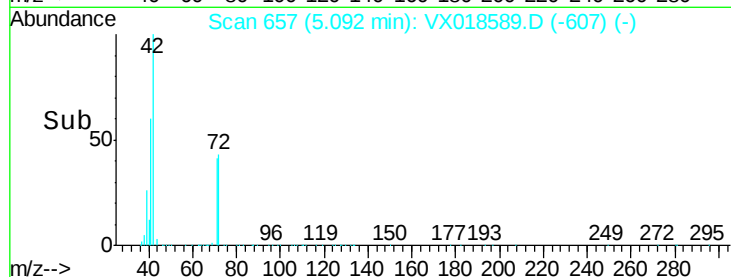
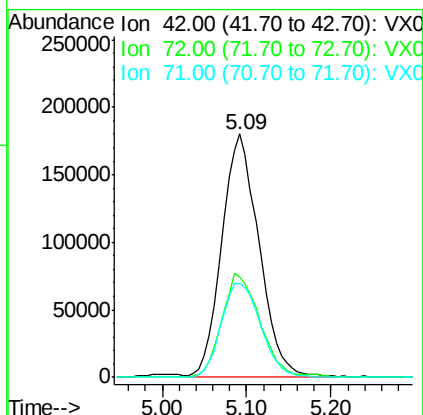
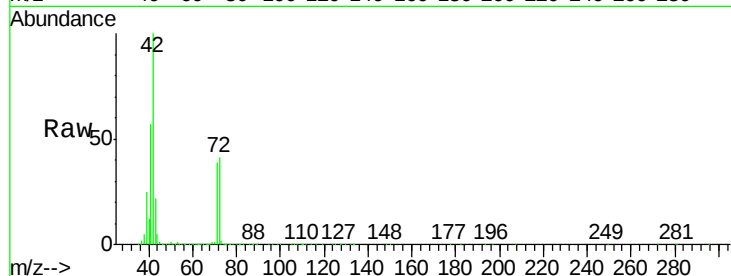
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	541148
Ion Ratio		Lower	Upper
42	100		
72	44.1	34.3	51.5
71	41.4	32.1	48.1

Manual Integrations
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#30

Chloroform

Concen: 50.061 ug/l

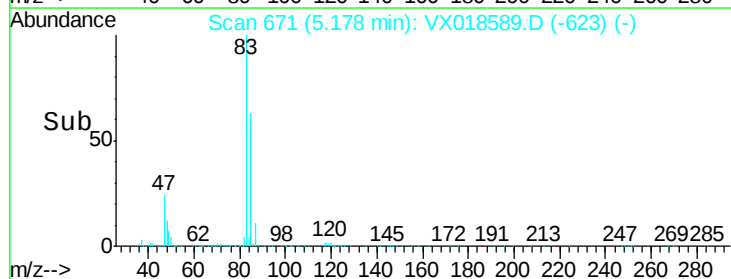
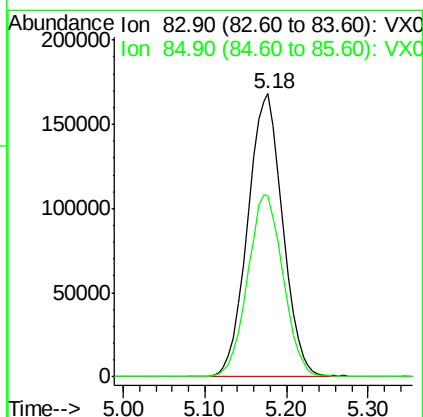
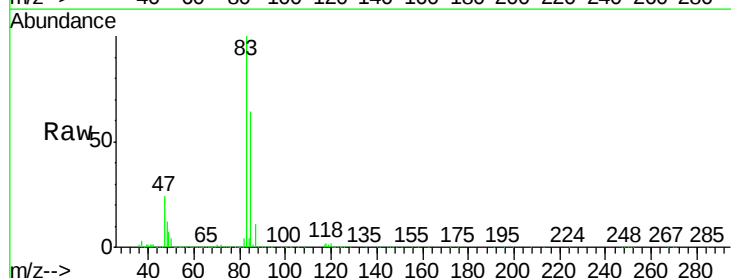
RT: 5.18 min Scan# 671

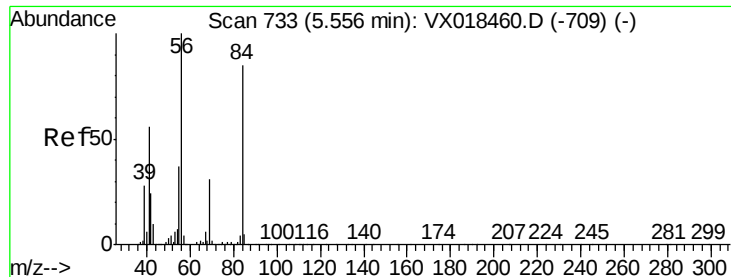
Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tgt Ion:	83	Resp:	502708
Ion Ratio		Lower	Upper
83	100		
85	63.7	50.6	76.0





#31

Cyclohexane

Concen: 46.579 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

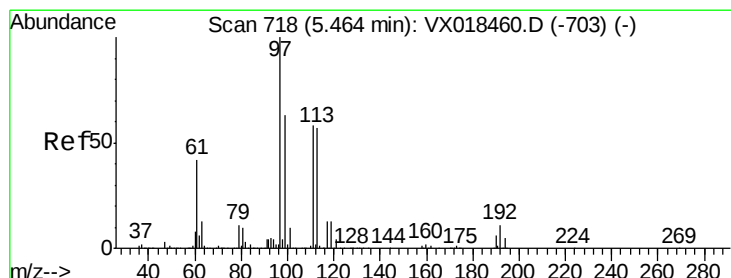
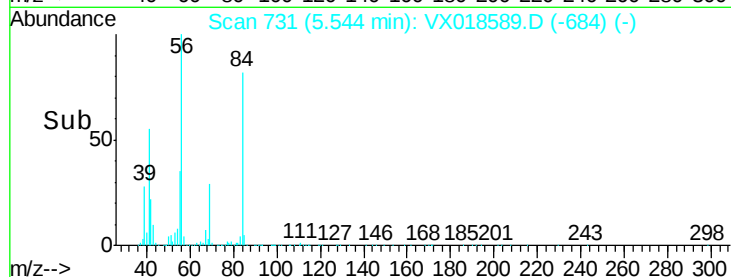
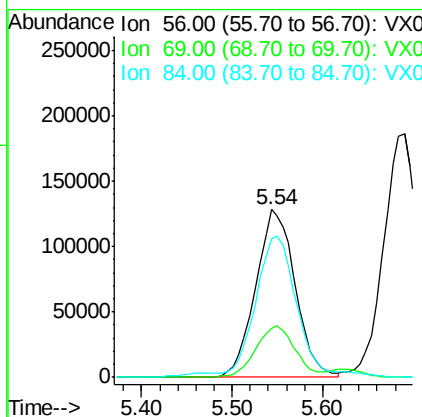
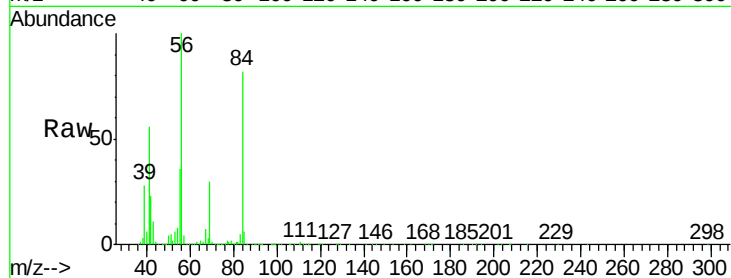
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	387939
Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.8	37.2
84	80.3	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.874 ug/l

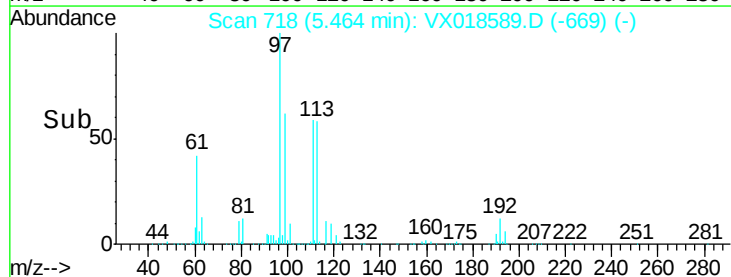
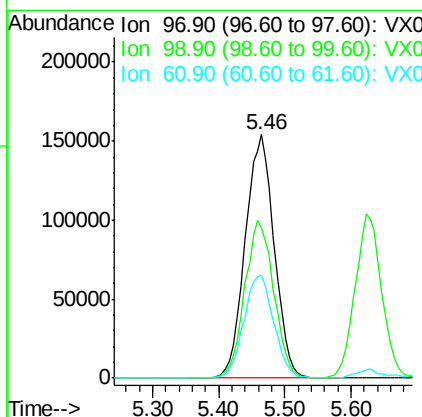
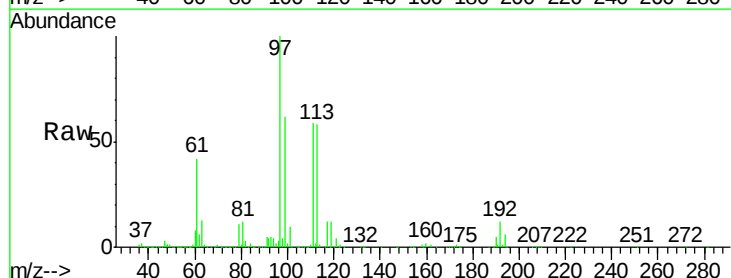
RT: 5.46 min Scan# 718

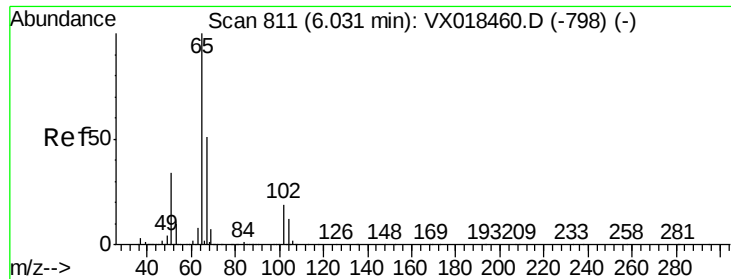
Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tgt Ion:	97	Resp:	469853
Ion	Ratio	Lower	Upper
97	100		
99	65.0	50.5	75.7
61	43.6	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 47.925 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 329831

Ion Ratio Lower Upper

65 100

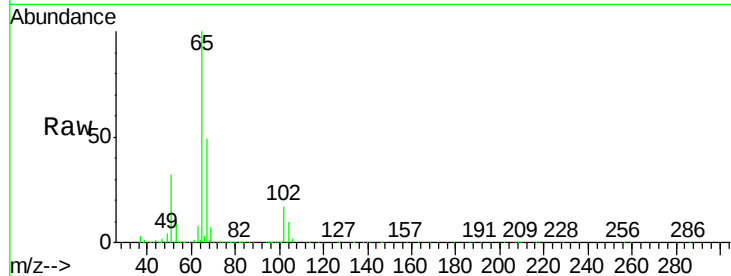
67 50.6 0.0 105.6

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

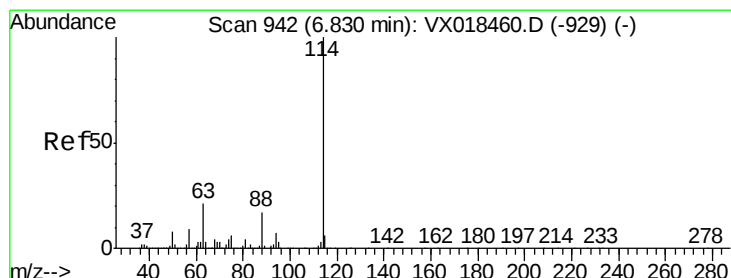
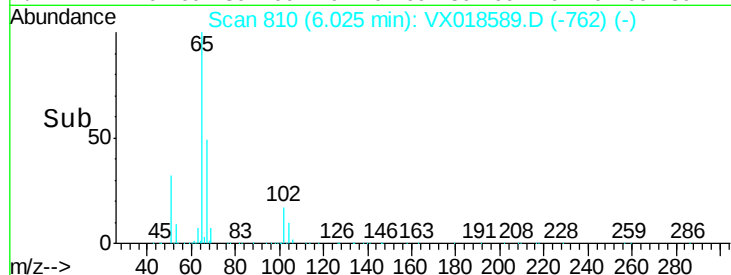
100000

50000

0

6.03

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

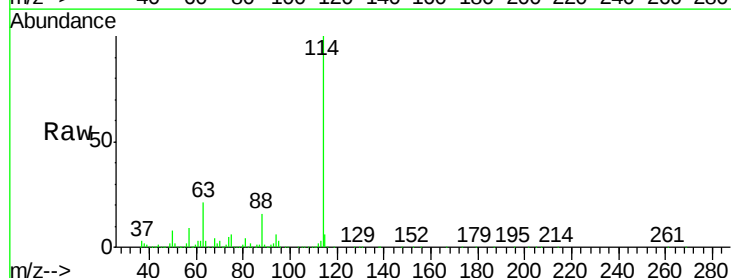
Tgt Ion: 114 Resp: 718870

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 16.0 0.0 33.6



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

400000

300000

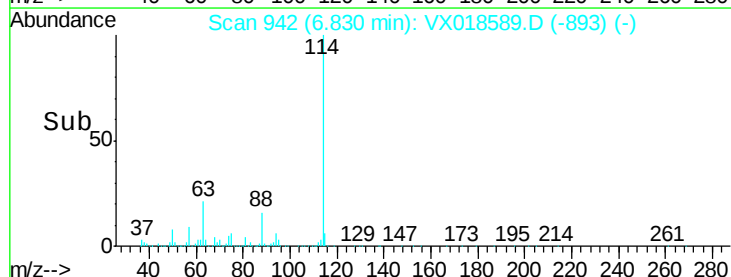
200000

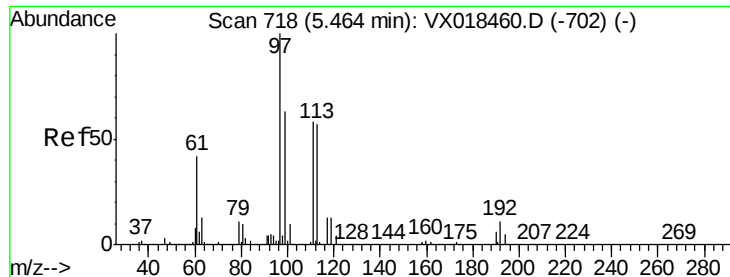
100000

0

6.83

Time-->





#35

Dibromofluoromethane

Concen: 51.810 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

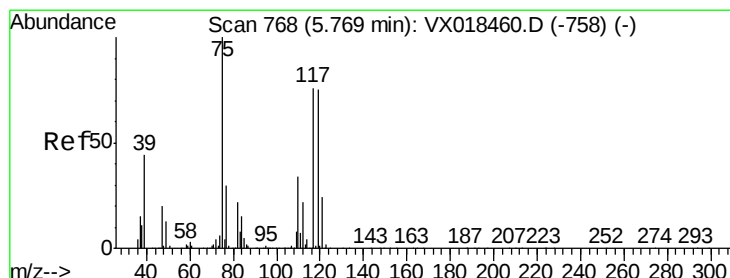
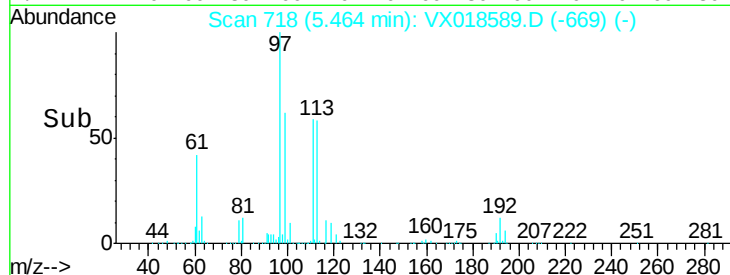
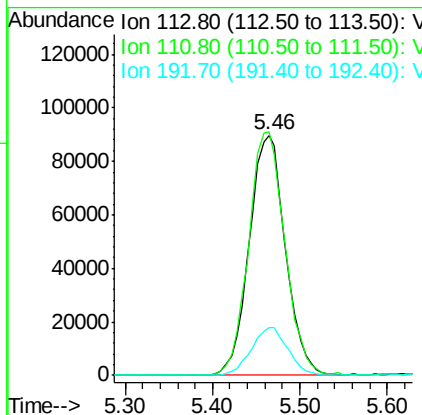
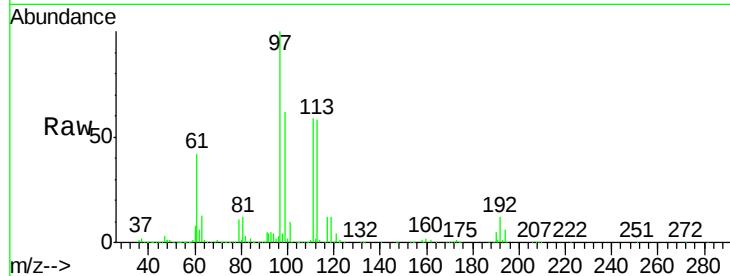
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	257480
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.4	122.2
192	20.3	16.6	24.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.972 ug/l

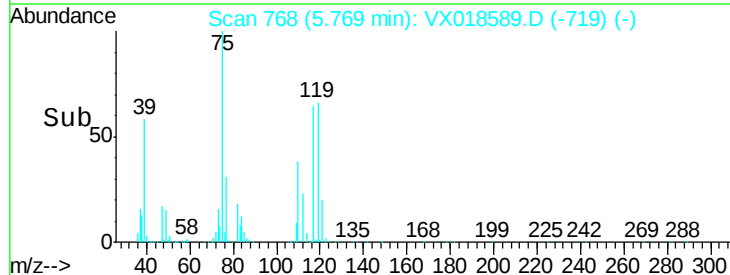
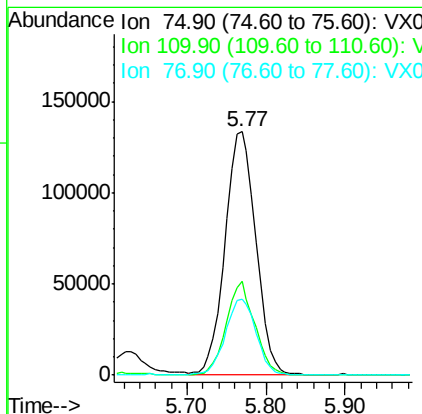
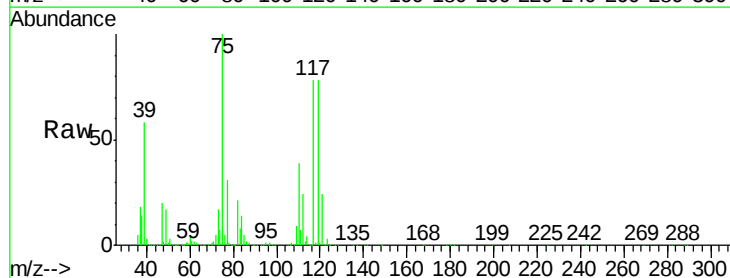
RT: 5.77 min Scan# 768

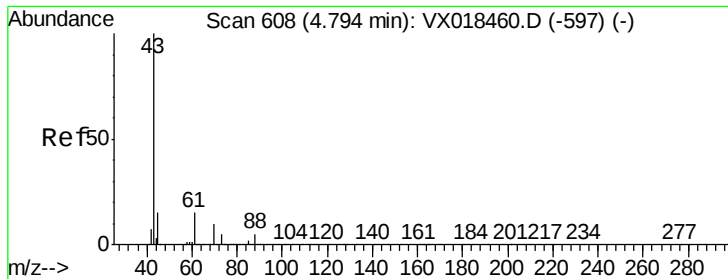
Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tgt Ion:	75	Resp:	362627
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.6	52.8
77	30.8	25.0	37.6





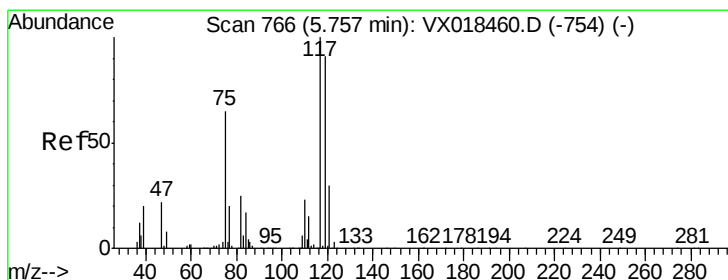
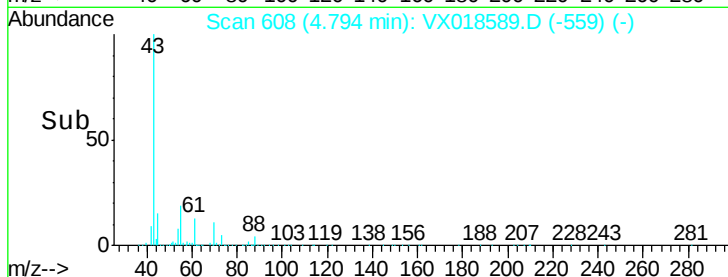
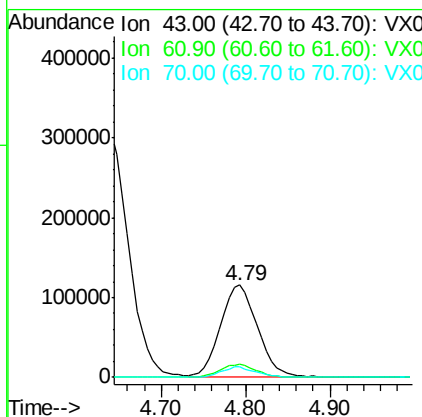
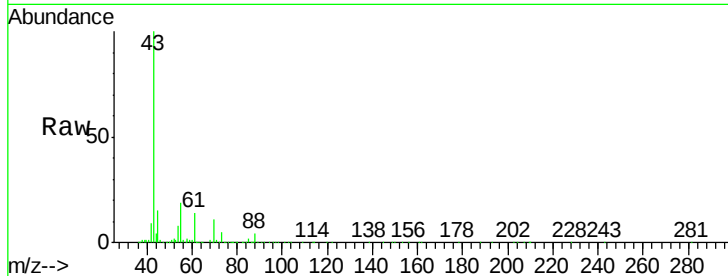
#37
Ethyl Acetate
Concen: 46.037 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	343014
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.9	16.3
70	11.0	8.3	12.5

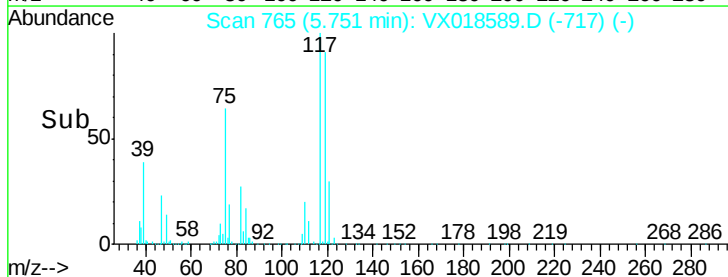
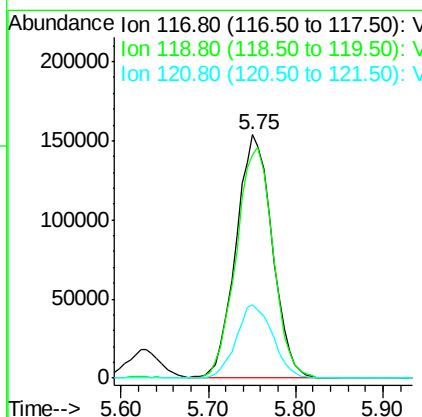
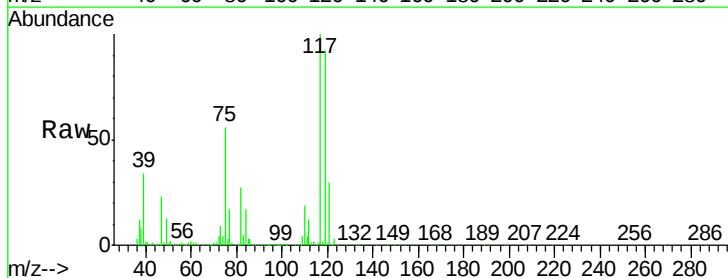
Manual Integrations
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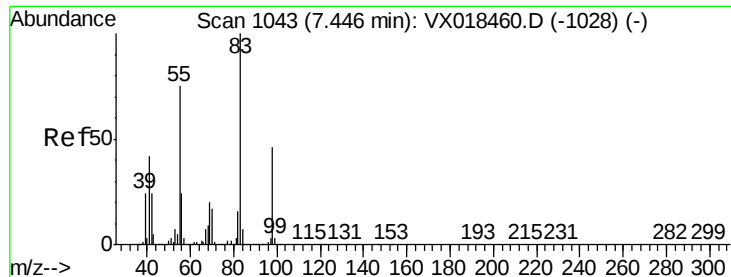
MMDadoda
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#38
Carbon Tetrachloride
Concen: 57.358 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion:	117	Resp:	443233
Ion Ratio	Lower	Upper	
117	100		
119	91.7	72.3	108.5
121	30.0	23.8	35.8





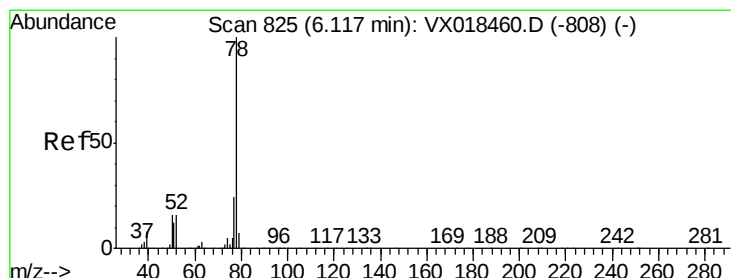
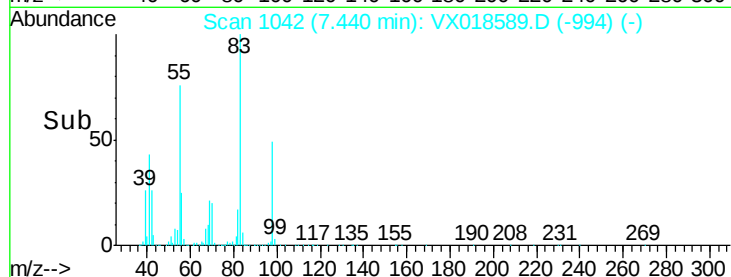
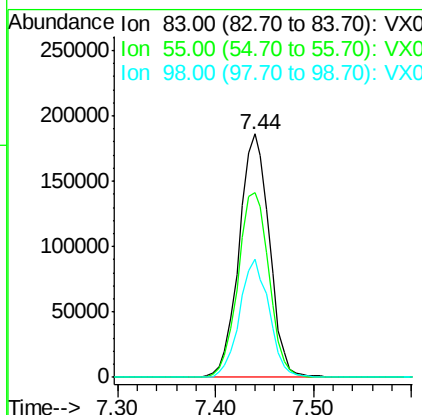
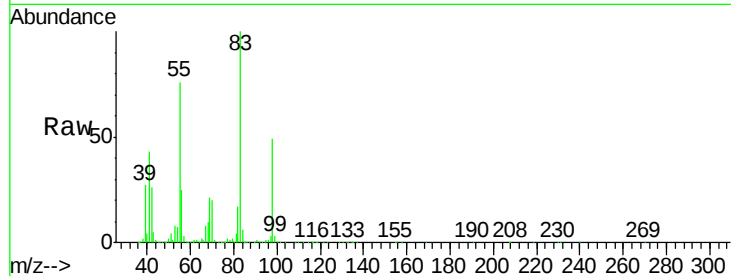
#39
Methvlcvclohexane
Concen: 51.075 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	60.2	90.4
98	48.8	36.4	54.6

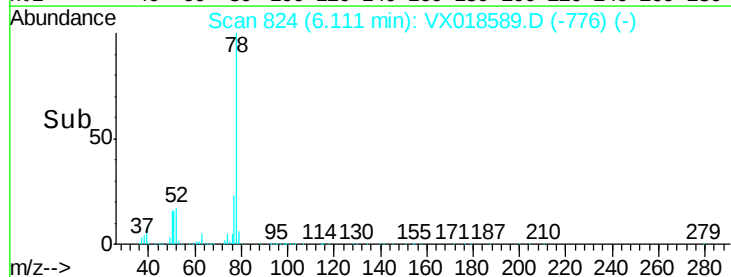
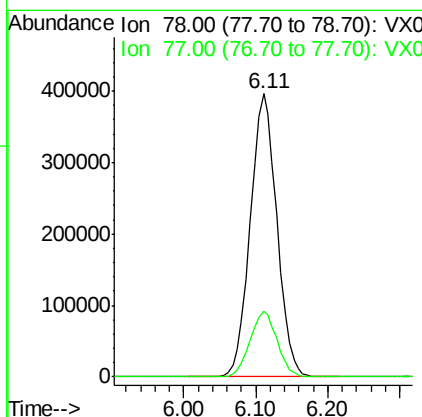
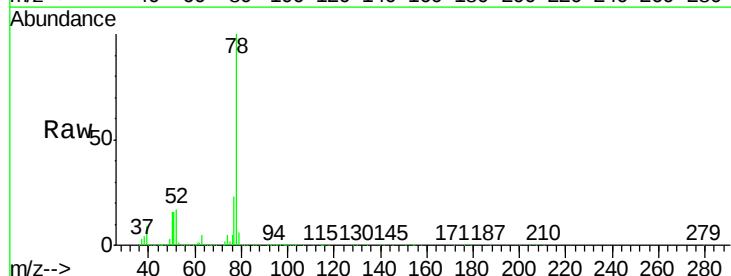
Manual Integrations
APPROVED

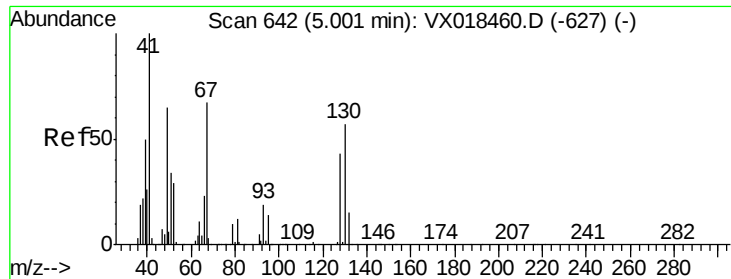
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#40
Benzene
Concen: 50.853 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4





#41

Methacrylonitrile

Concen: 47.173 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

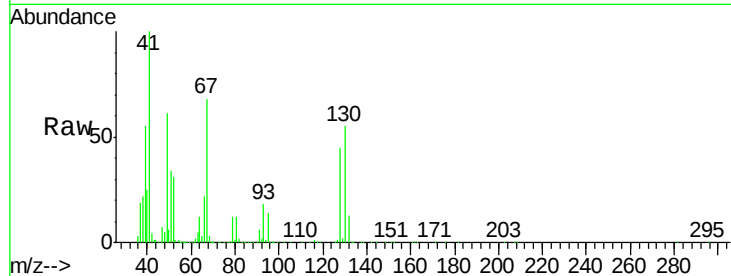
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.3	67.9
67	70.8	56.7	85.1
52	30.8	23.4	35.0

Manual Integrations
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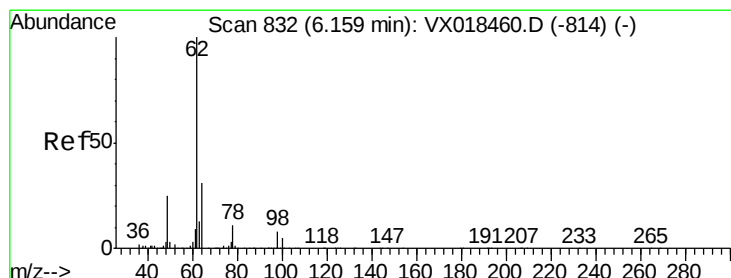
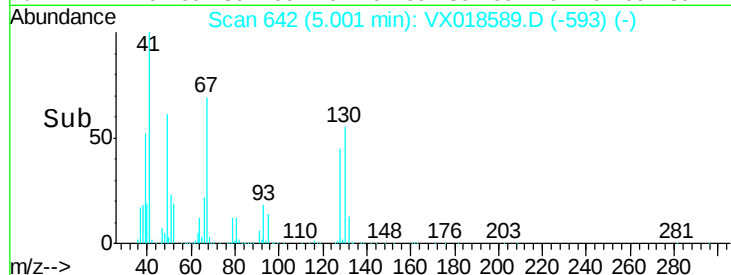
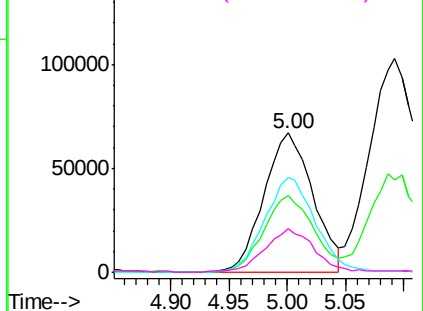
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 54.350 ug/l

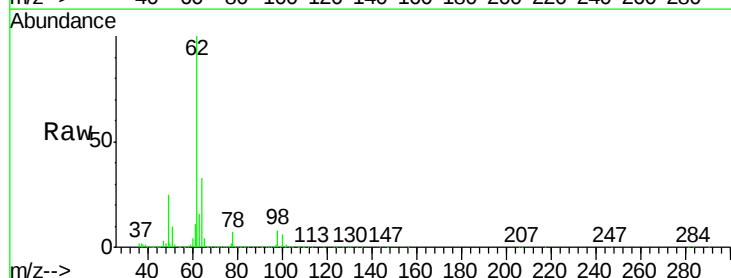
RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

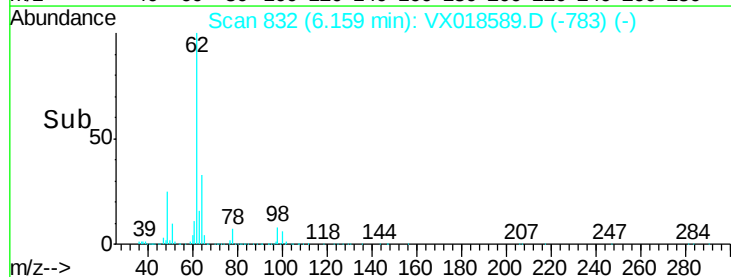
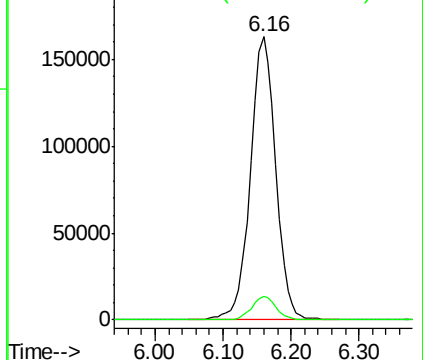
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6

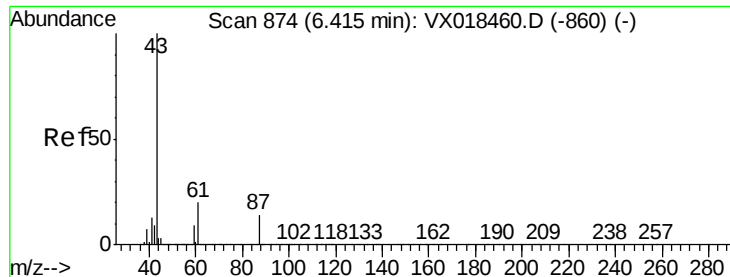


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

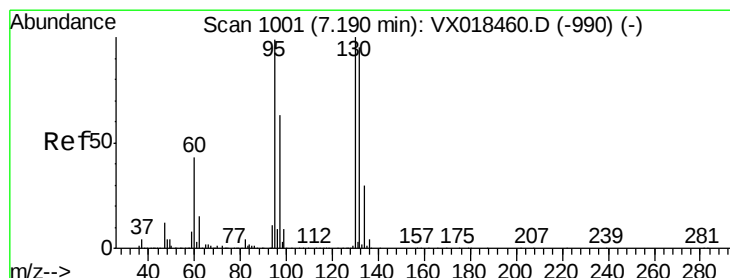
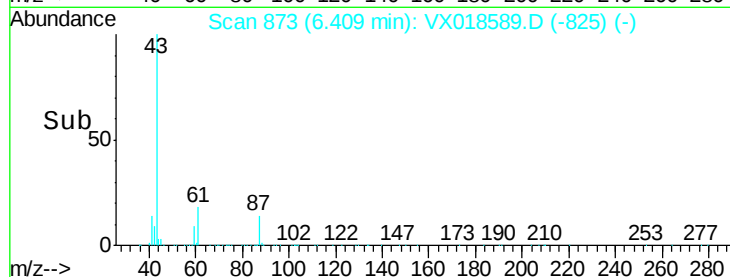
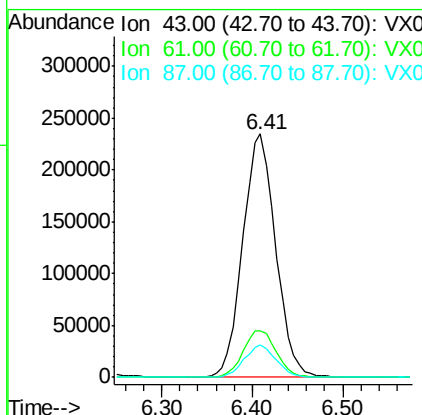
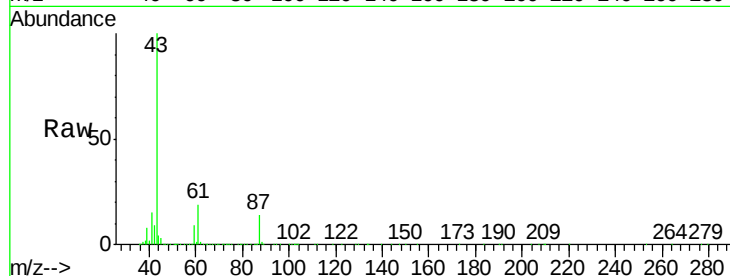
Isopropyl Acetate
 Concen: 47.448 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	12.8	10.4	15.6

Manual Integrations
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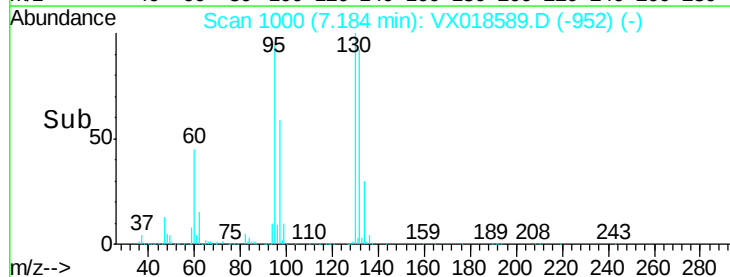
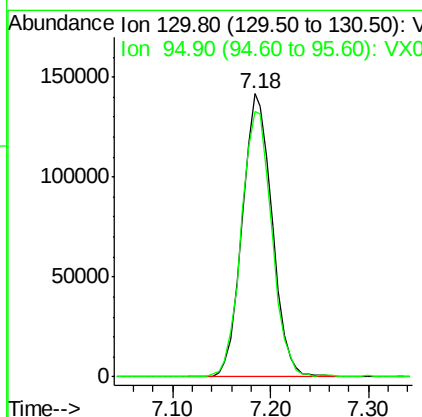
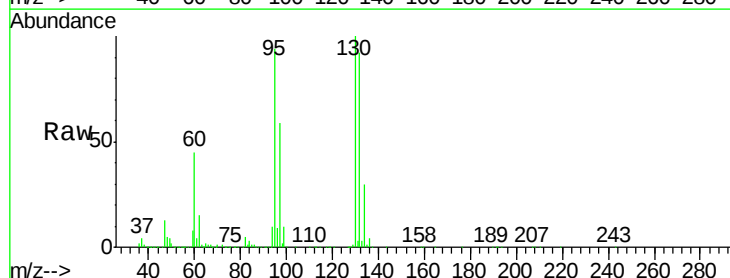
MMDadoda
 9/28/2020 12:49:52 PM

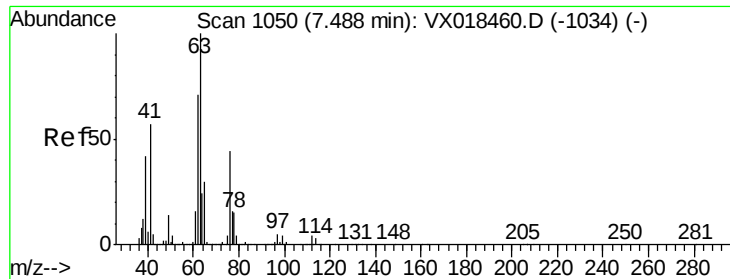


#44

Trichloroethene
 Concen: 51.721 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	197.4





#45

1,2-Dichloropropane

Concen: 49.580 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 272115

Ion Ratio Lower Upper

63 100

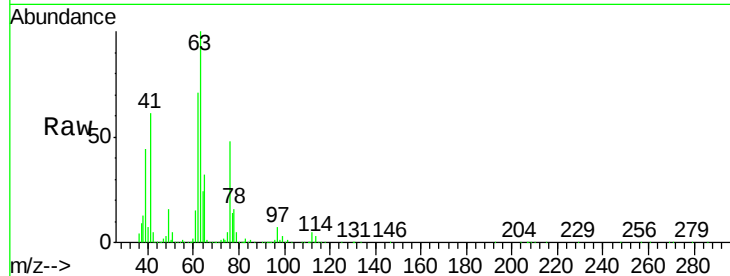
65 32.4 24.1 36.1

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

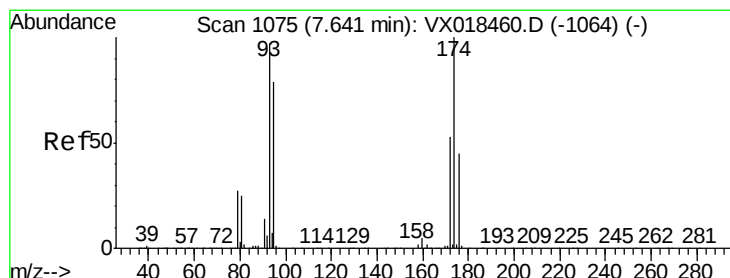
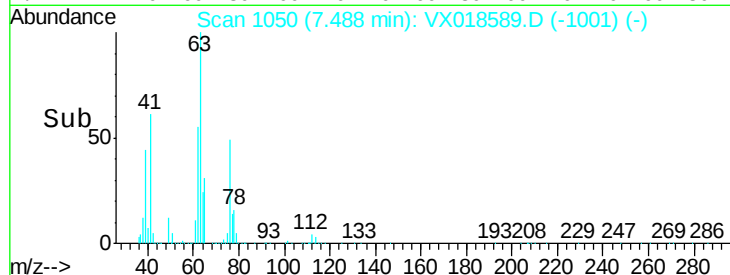
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 51.870 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

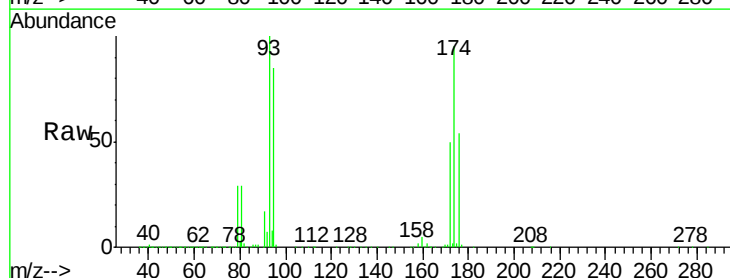
Tgt Ion: 93 Resp: 195586

Ion Ratio Lower Upper

93 100

95 82.6 65.0 97.4

174 99.6 82.0 123.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

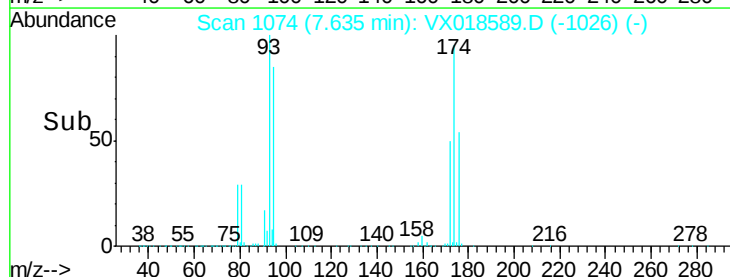
7.63

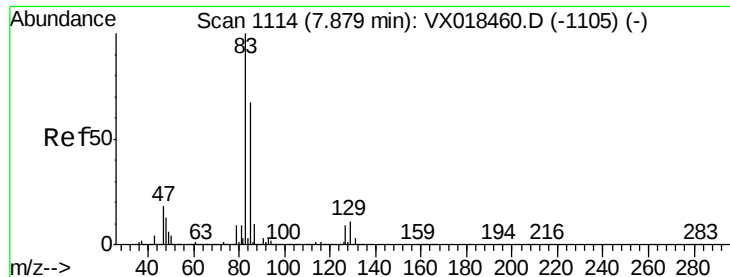
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 54.331 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

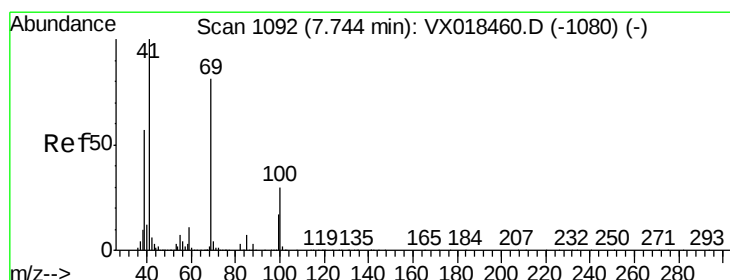
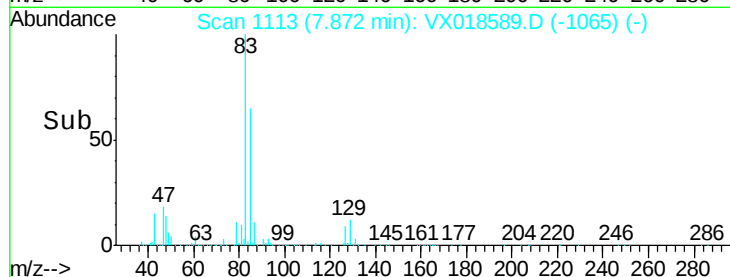
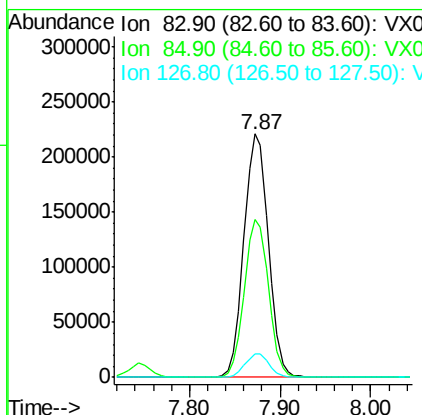
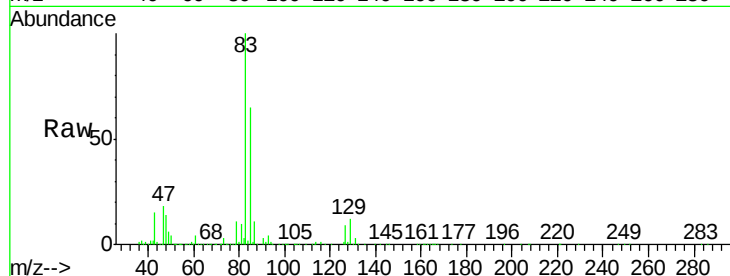
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	412882
Ion Ratio	Lower	Upper	
83	100		
85	64.9	53.3	79.9
127	9.5	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.139 ug/l

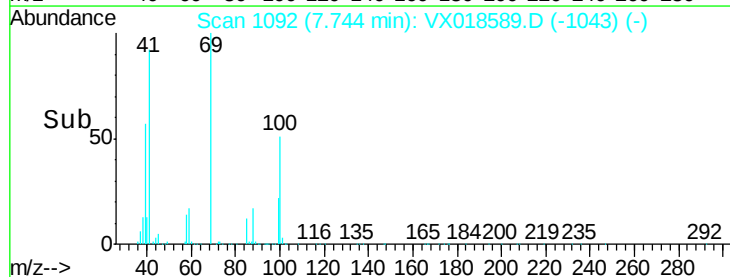
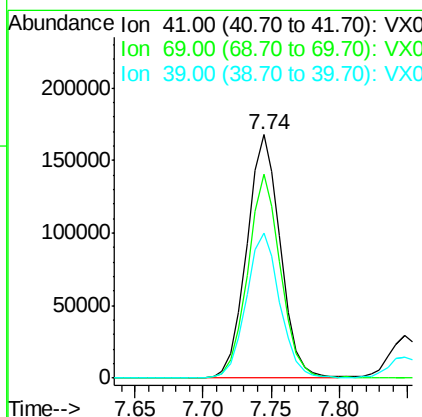
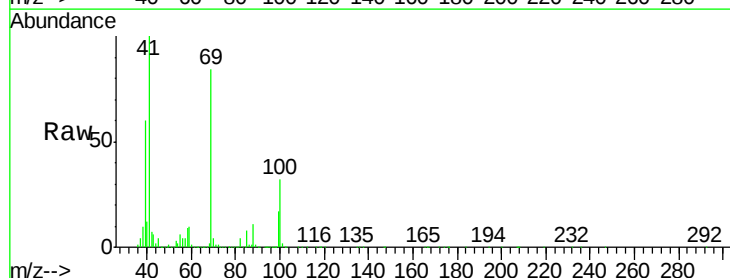
RT: 7.74 min Scan# 1092

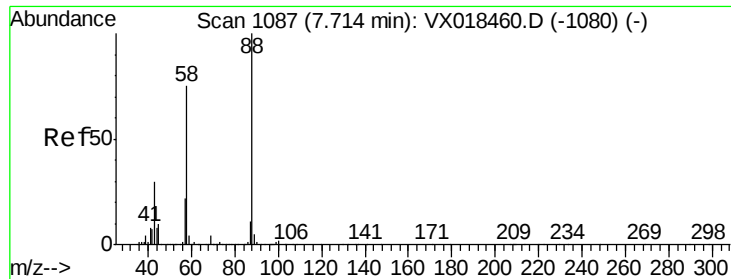
Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tgt Ion:	41	Resp:	289706
Ion Ratio	Lower	Upper	
41	100		
69	81.9	63.7	95.5
39	59.2	45.0	67.4





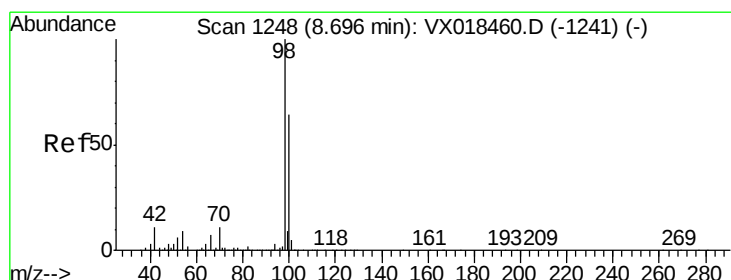
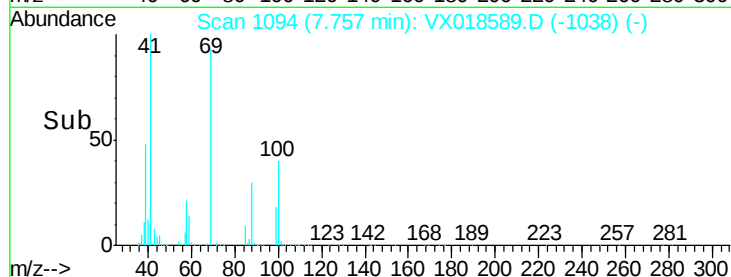
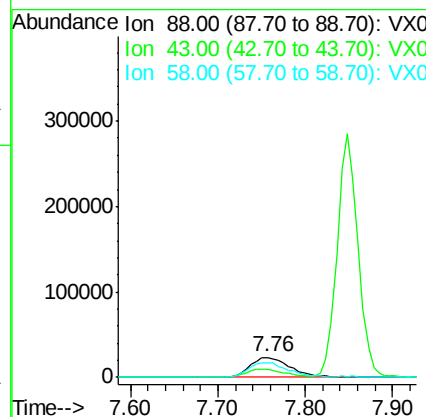
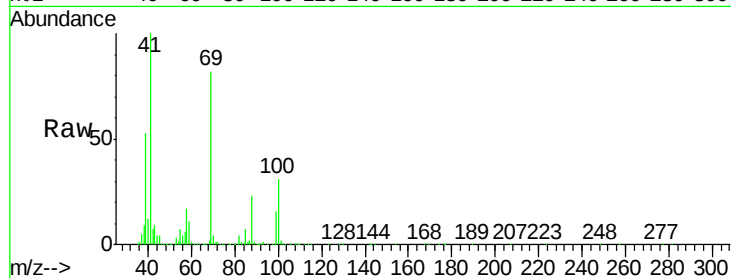
#49
1,4-Dioxane
Concen: 746.445 ug/l
RT: 7.76 min Scan# 1094
Delta R.T. 0.04 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	29.9	44.9
58	72.4	59.0	88.6

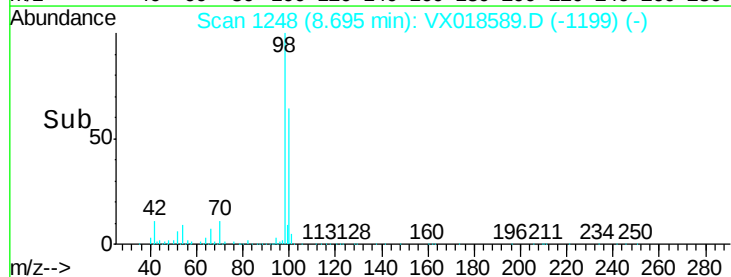
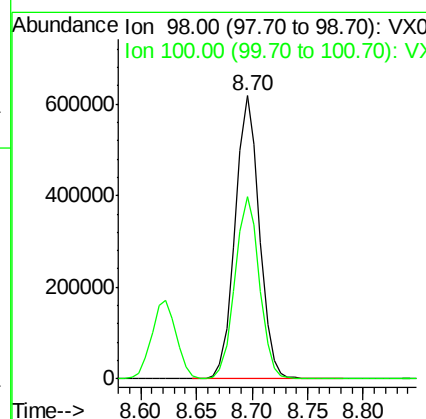
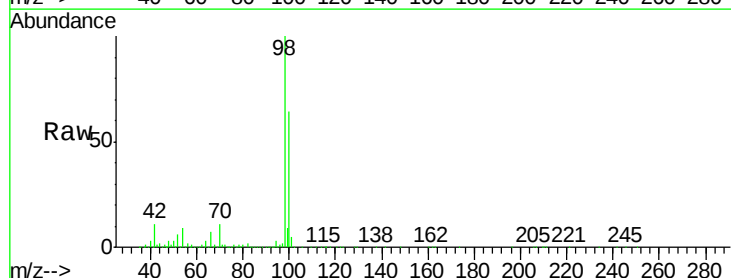
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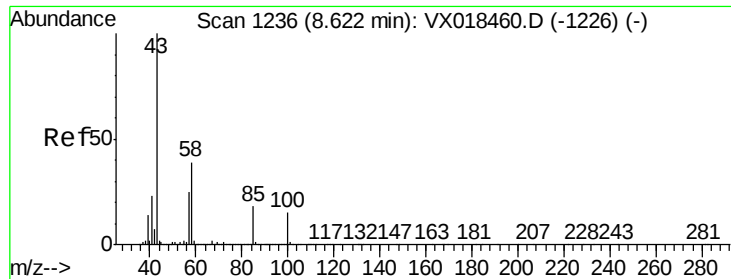
MMDadoda
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#50
Toluene-d8
Concen: 51.450 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5





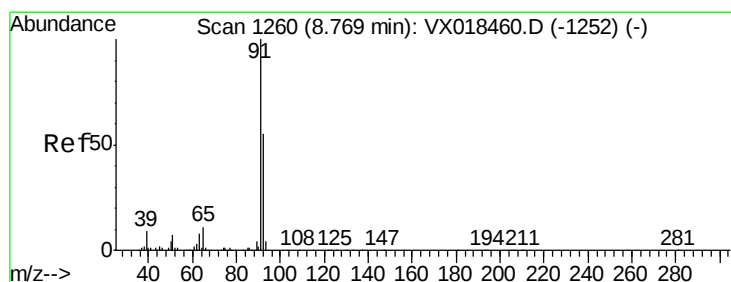
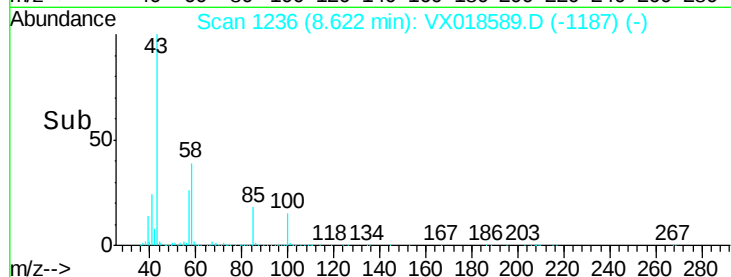
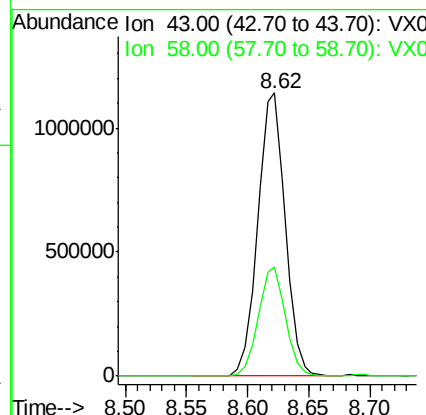
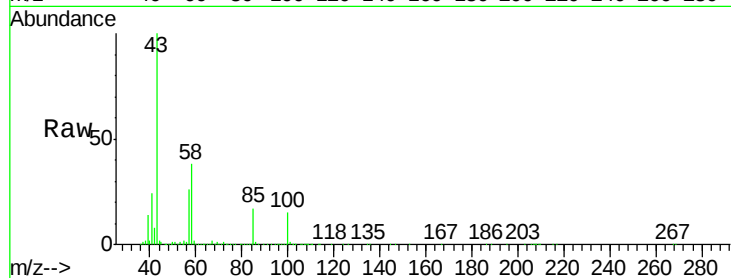
#51
4-Methyl-2-Pentanone
Concen: 242.422 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1784664
Ion Ratio Lower Upper
43 100
58 38.1 30.9 46.3

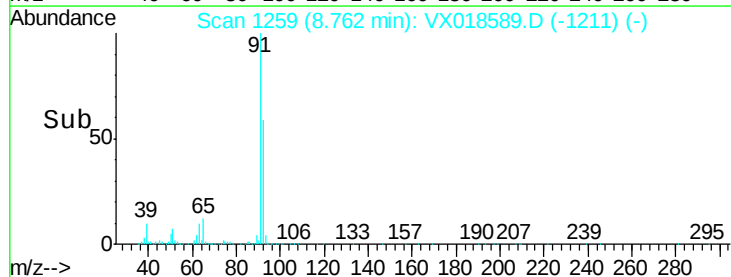
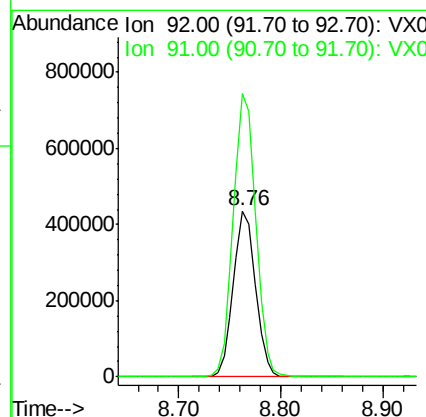
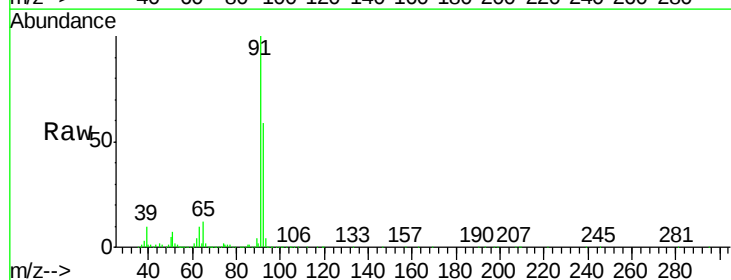
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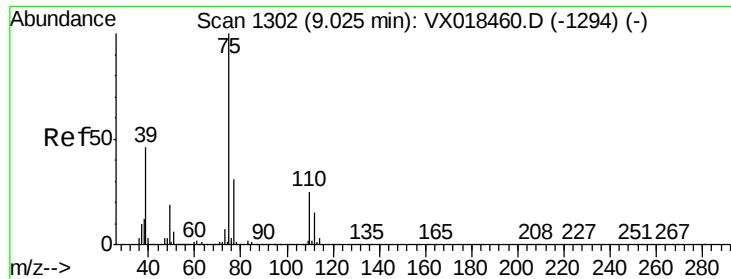
MMDadoda
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#52
Toluene
Concen: 52.204 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion: 92 Resp: 656884
Ion Ratio Lower Upper
92 100
91 172.7 140.6 210.8





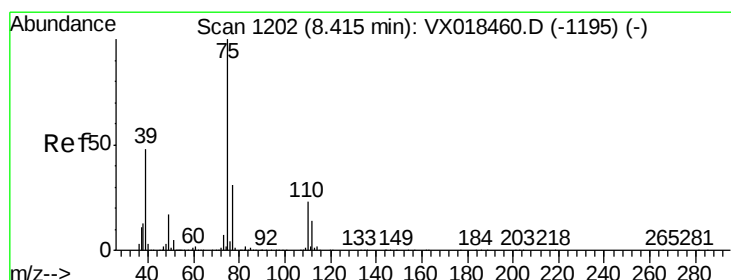
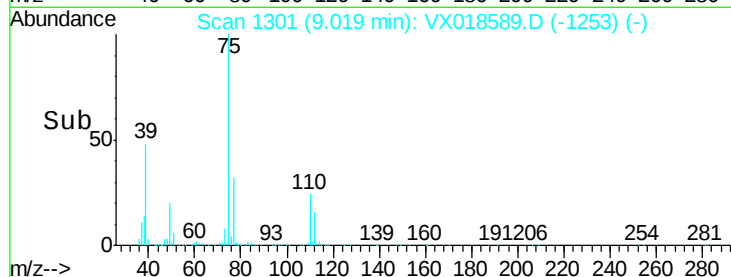
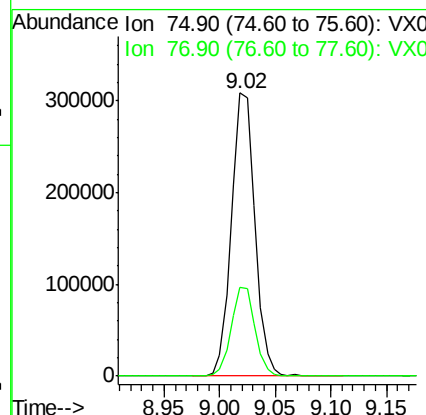
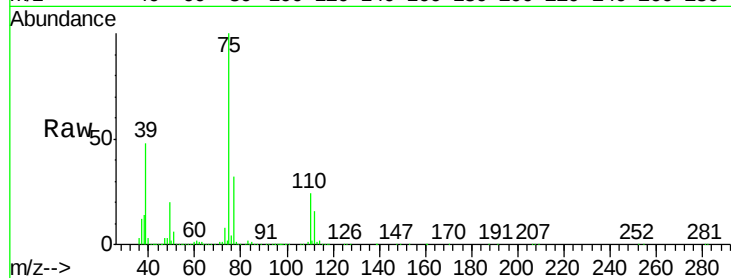
#53
t-1,3-Dichloropropene
Concen: 52.384 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 452332
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

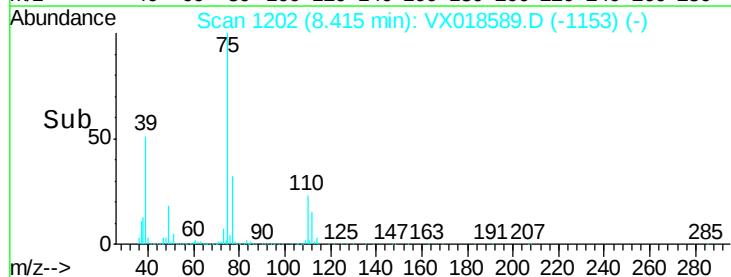
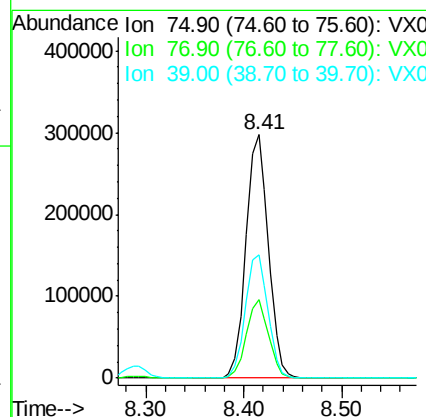
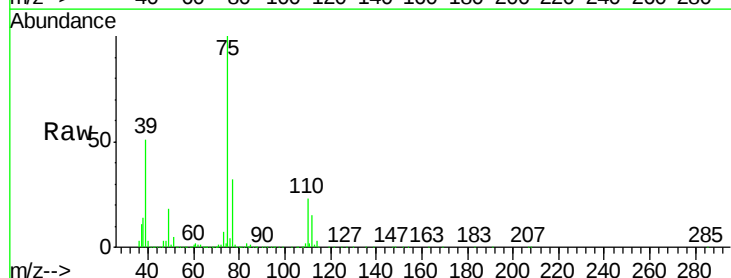
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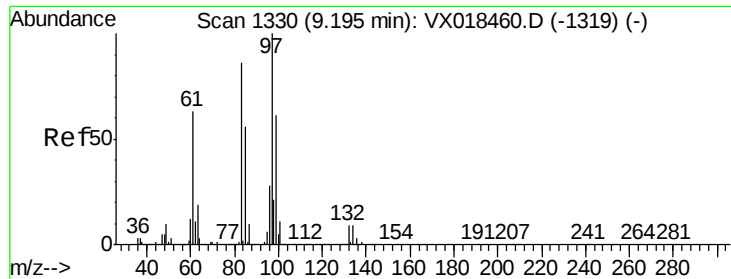
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 53.010 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion: 75 Resp: 471567
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 50.6 38.6 58.0





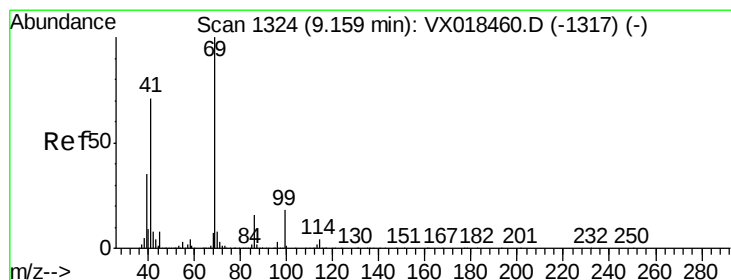
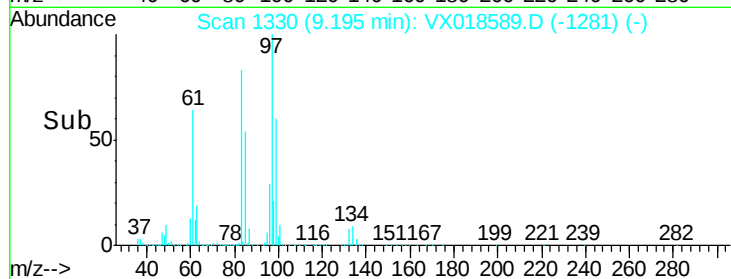
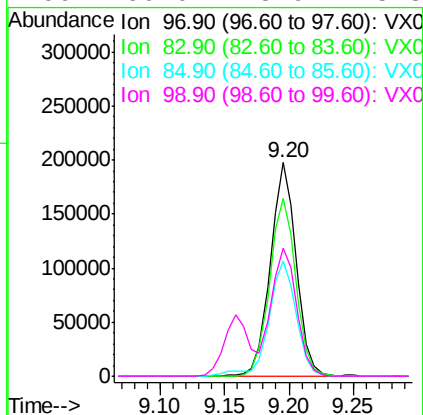
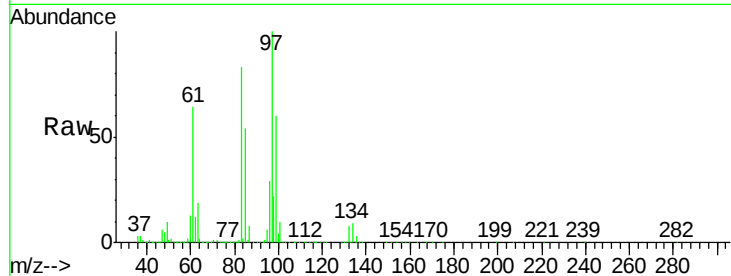
#55
 1,1,2-Trichloroethane
 Concen: 53.102 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.5	102.7
85	54.0	44.8	67.2
99	60.0	48.9	73.3

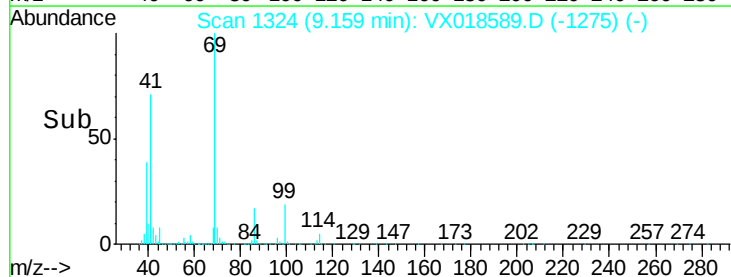
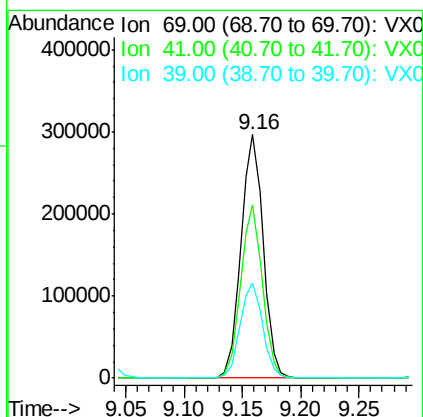
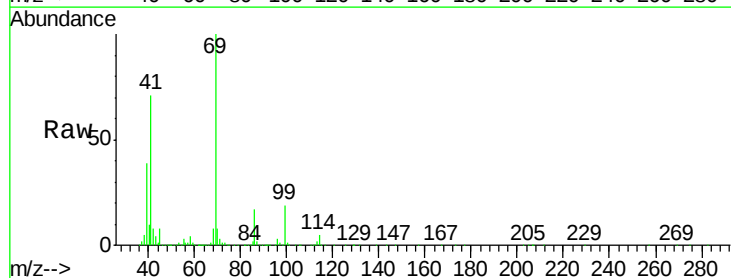
Manual Integrations
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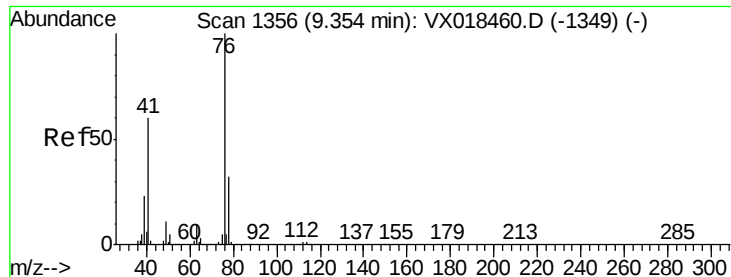
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#56
 Ethyl methacrylate
 Concen: 51.207 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.3	54.6	81.8
39	39.2	29.3	43.9





#57

1,3-Dichloropropane

Concen: 51.657 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 453161

Ion Ratio Lower Upper

76 100

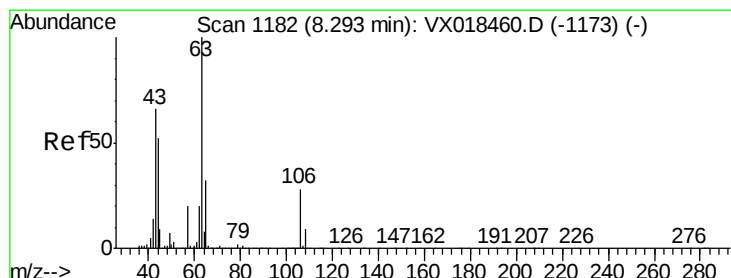
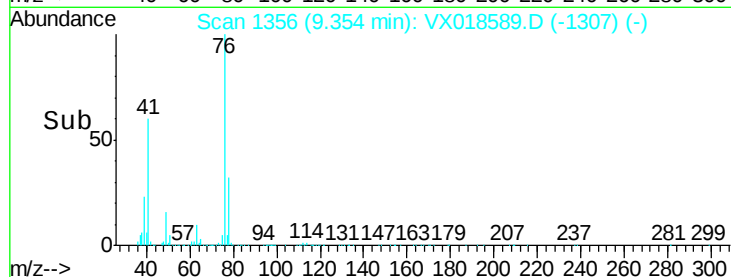
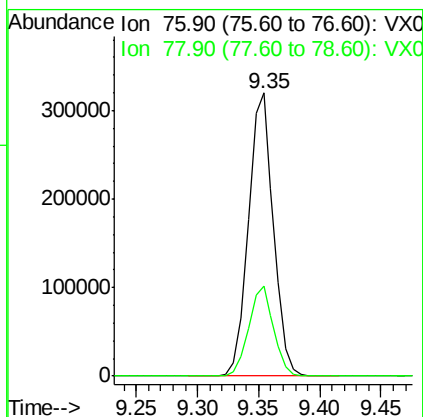
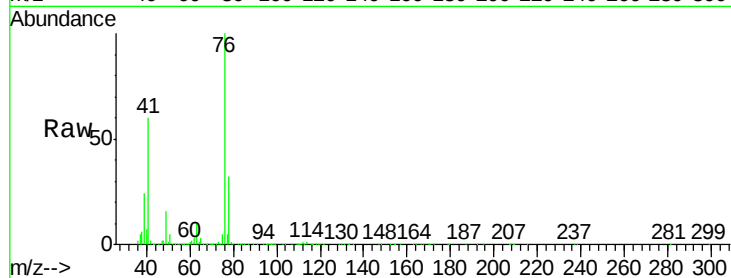
78 31.9 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 243.108 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018589.D

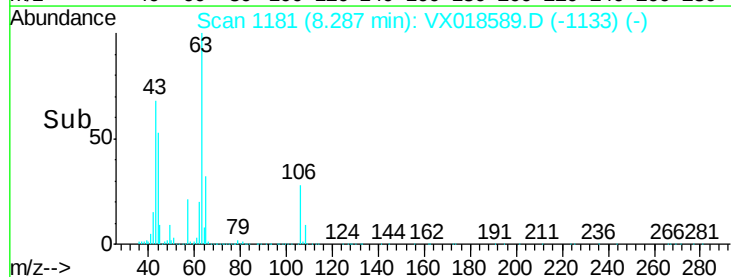
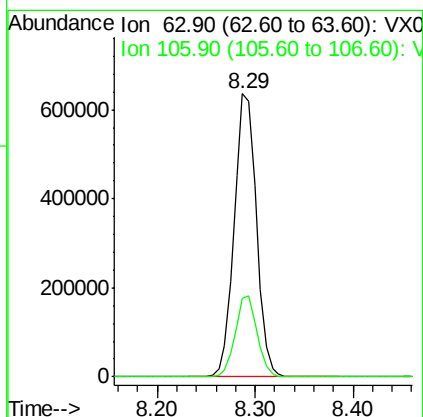
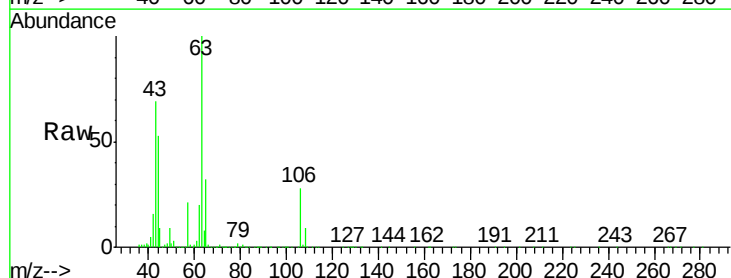
Acq: 25 Sep 2020 10:00

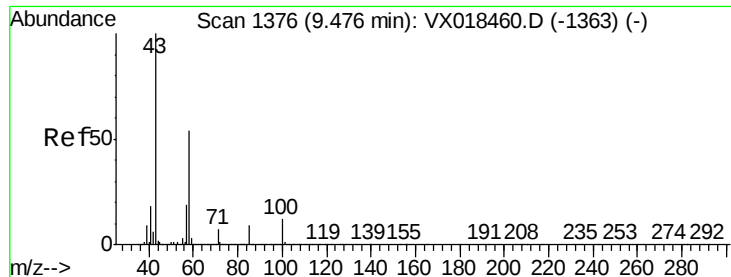
Tgt Ion: 63 Resp: 1000672

Ion Ratio Lower Upper

63 100

106 28.4 22.2 33.2





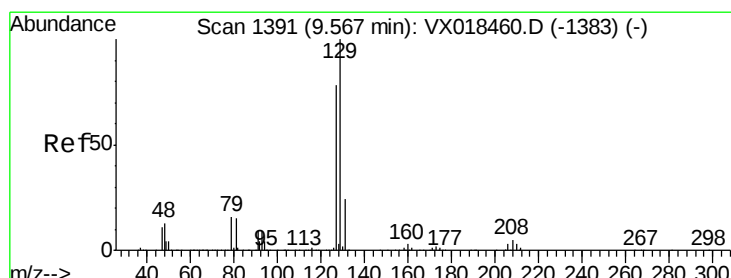
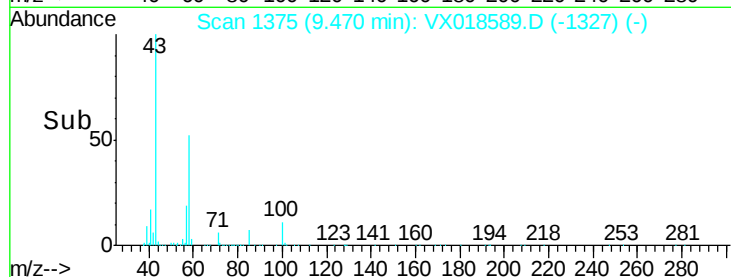
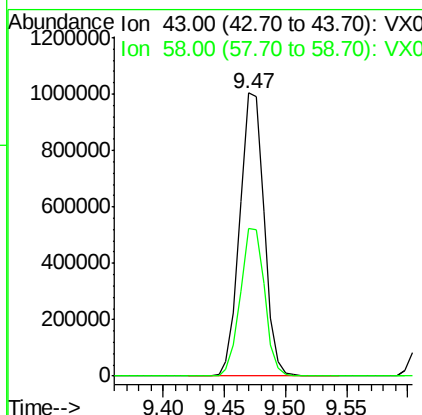
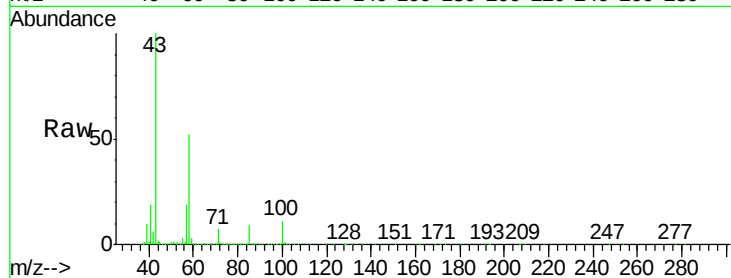
#59
2-Hexanone
Concen: 245.697 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1375773
Ion Ratio Lower Upper
43 100
58 52.3 26.5 79.4

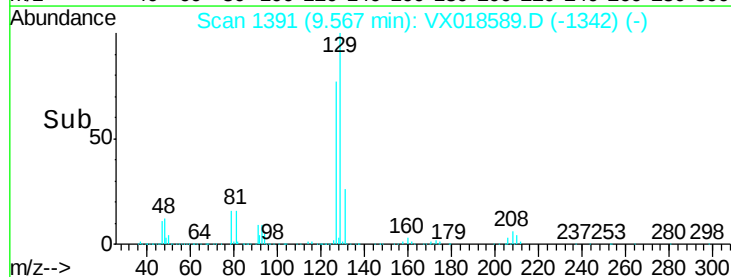
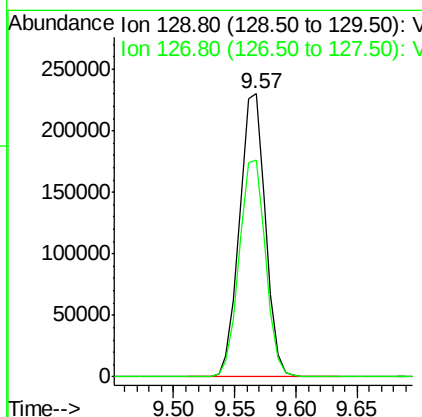
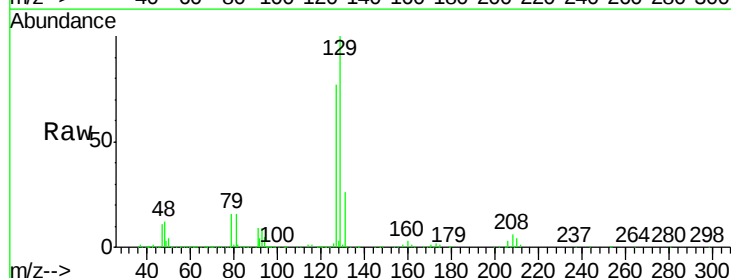
Manual Integrations
APPROVED

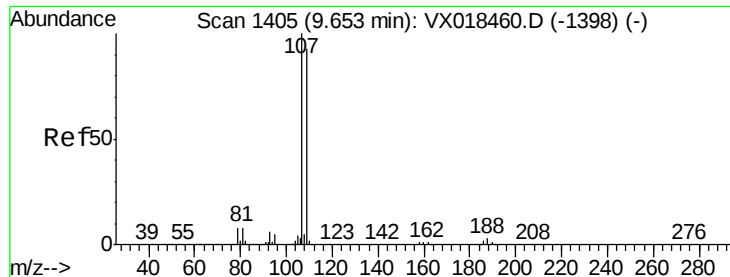
MMDadoda
9/28/2020 12:49:52 PM



#60
Dibromochloromethane
Concen: 54.173 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion: 129 Resp: 337276
Ion Ratio Lower Upper
129 100
127 77.7 39.0 117.0





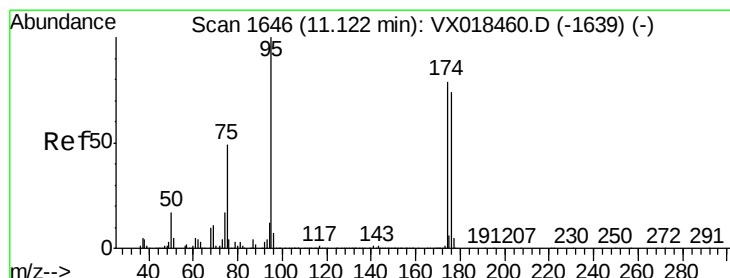
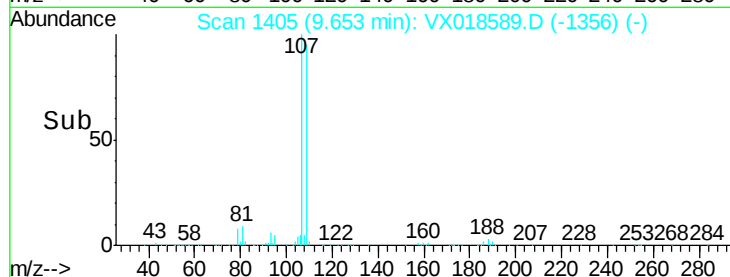
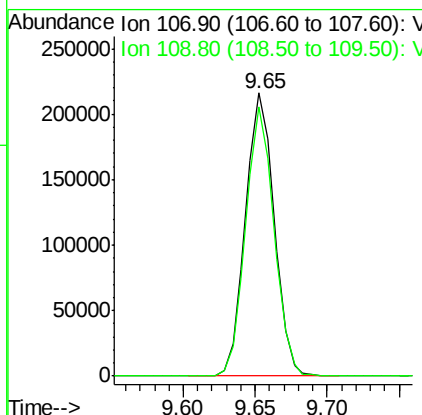
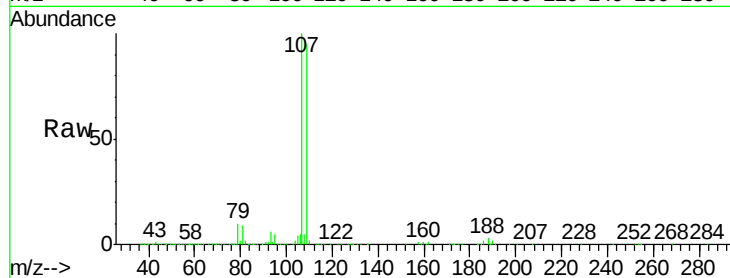
#61
 1,2-Dibromoethane
 Concen: 53.823 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	299012		
109	93.9	75.9	113.9	

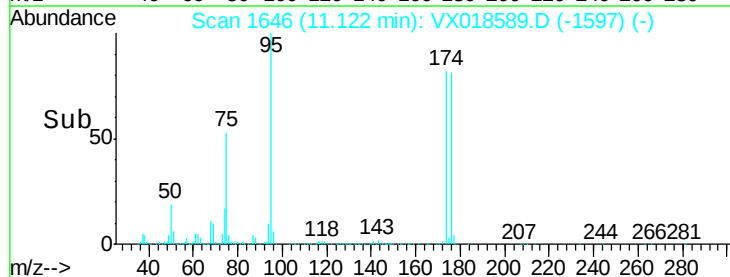
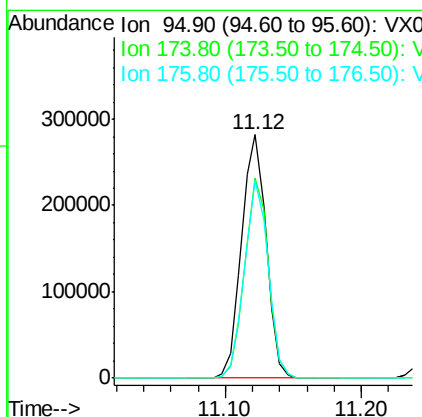
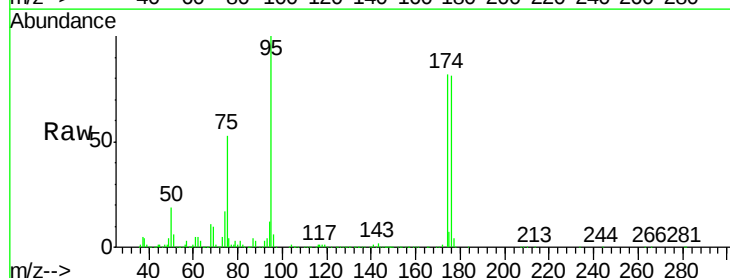
Manual Integrations
 APPROVED

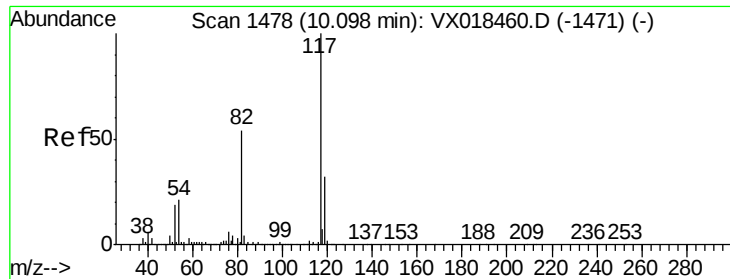
MMDadoda
 9/28/2020 12:49:52 PM



#62
 4-Bromofluorobenzene
 Concen: 49.628 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	356446		
174	79.8	0.0	161.4	
176	79.1	0.0	151.4	





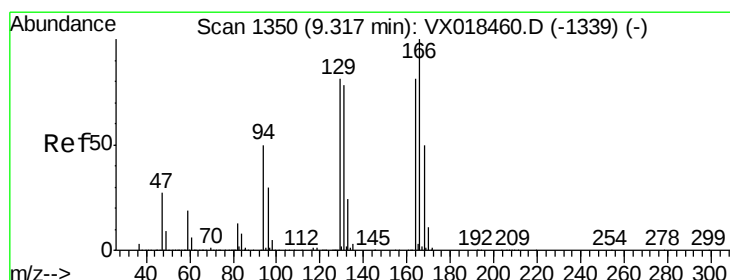
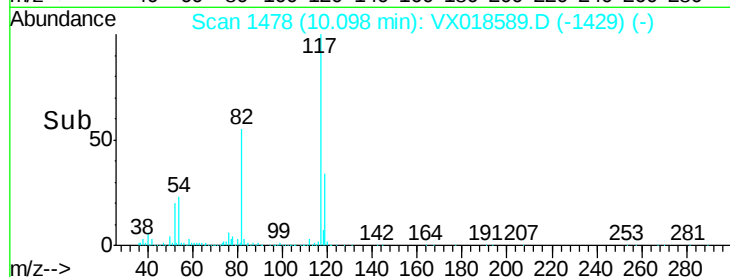
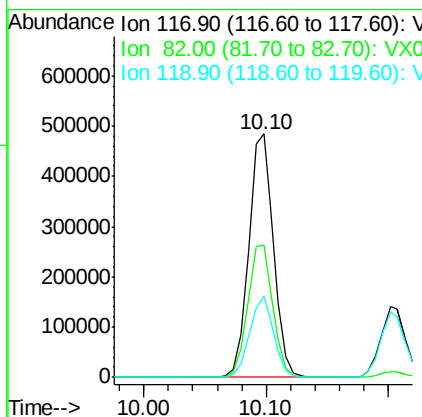
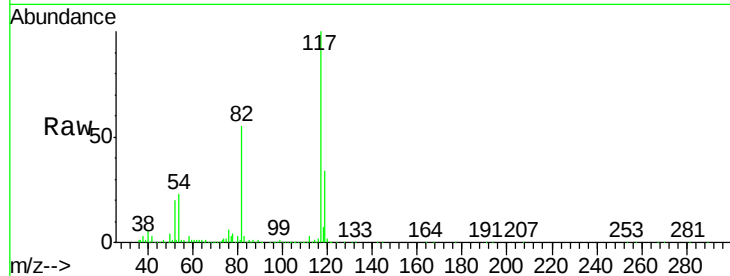
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	678830		
82	54.5	43.3	64.9	
119	33.5	25.9	38.9	

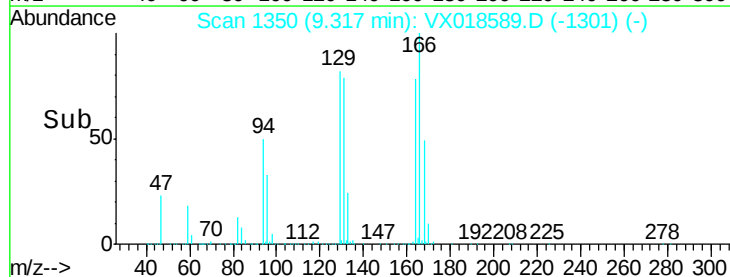
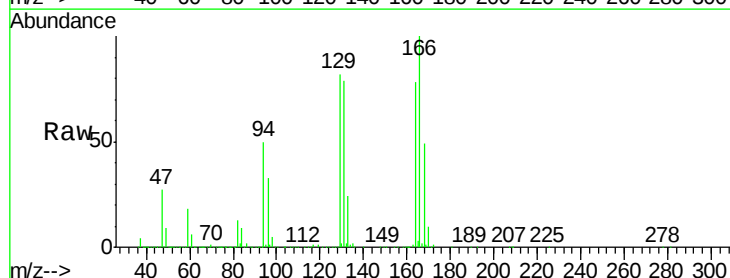
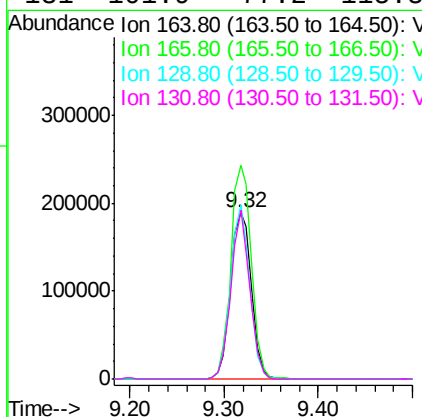
Manual Integrations
APPROVED

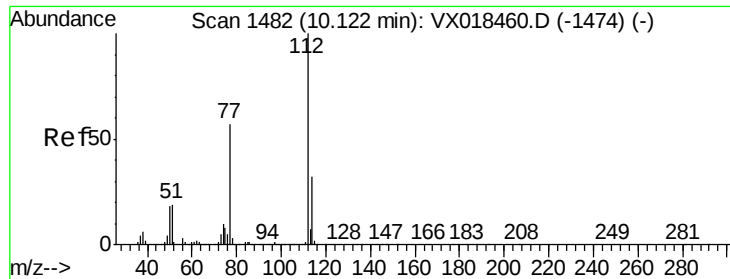
MMDadoda
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#64
Tetrachloroethene
Concen: 54.211 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	289723		
166	128.5	99.3	148.9	
129	105.0	80.7	121.1	
131	101.9	77.2	115.8	





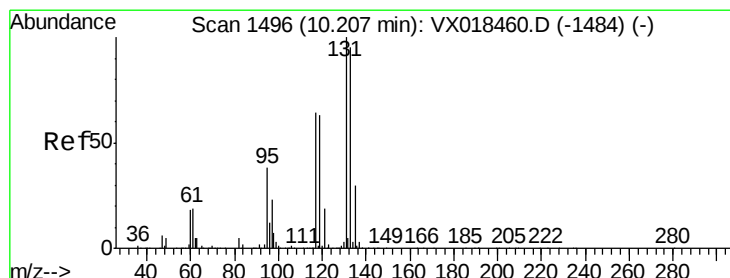
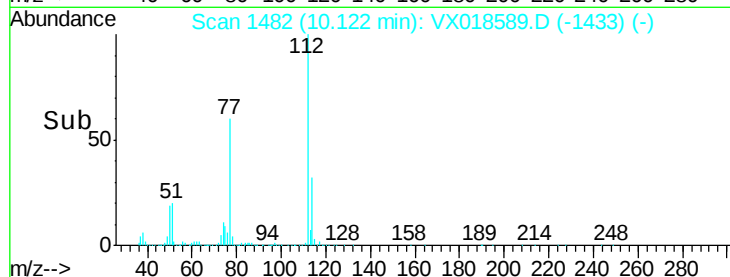
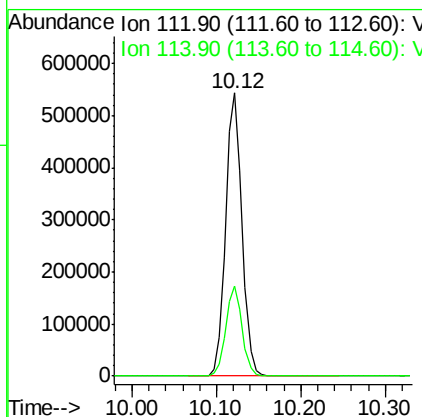
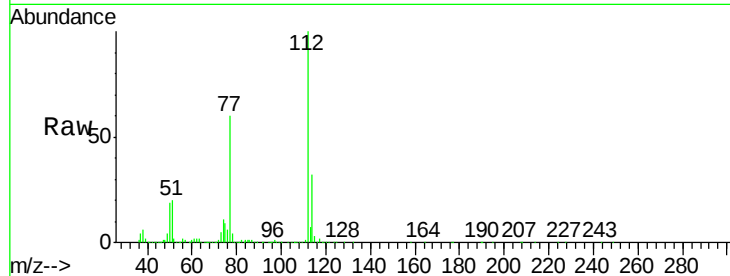
#65
Chlorobenzene
Concen: 51.458 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.4	38.0

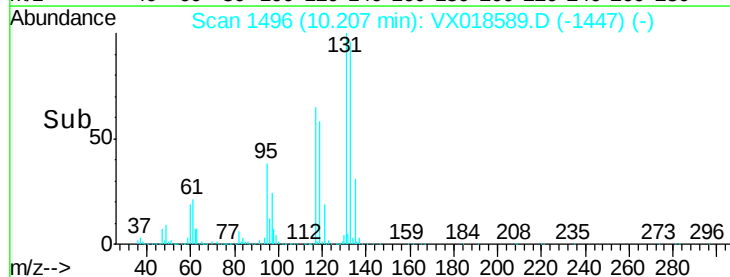
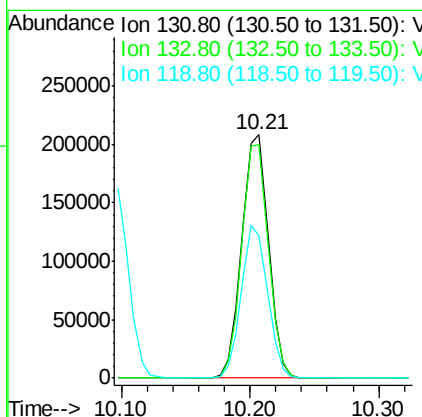
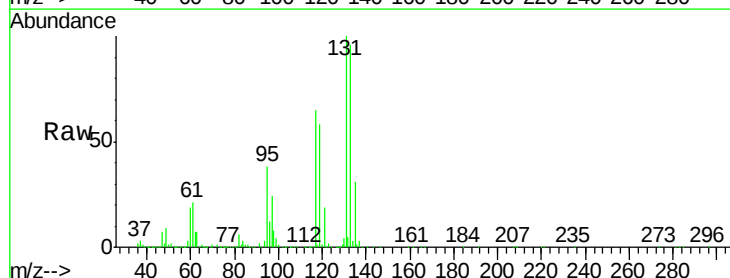
Manual Integrations
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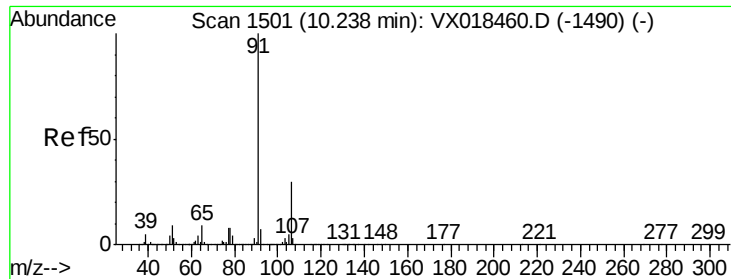
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.173 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.8	143.4
119	62.0	31.9	95.7





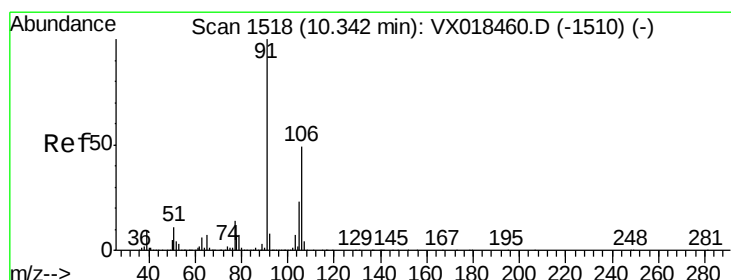
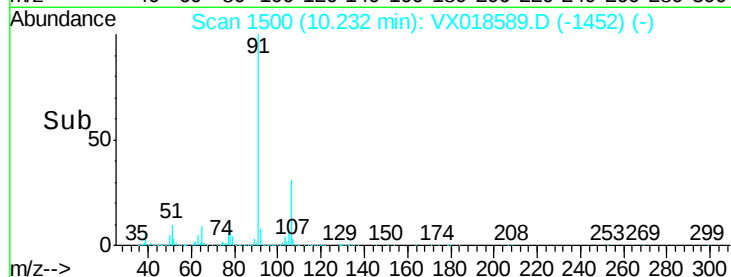
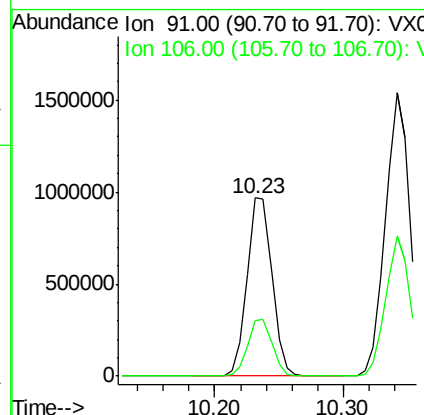
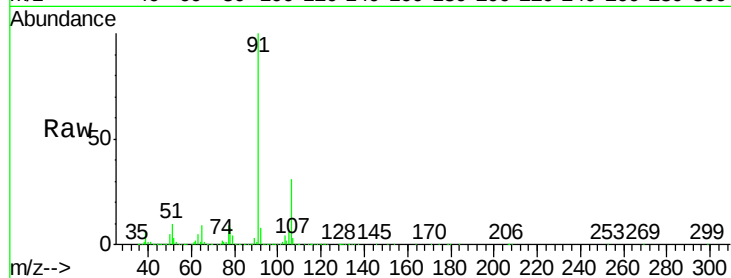
#67
Ethyl Benzene
Concen: 53.476 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1293831
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1

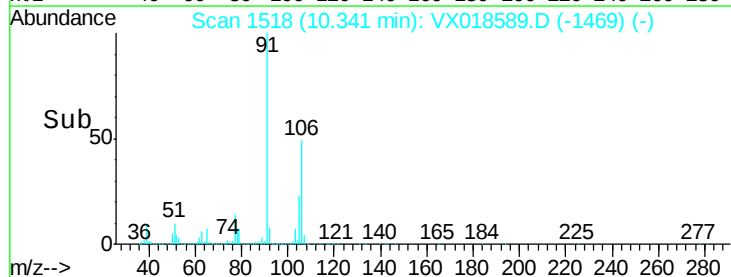
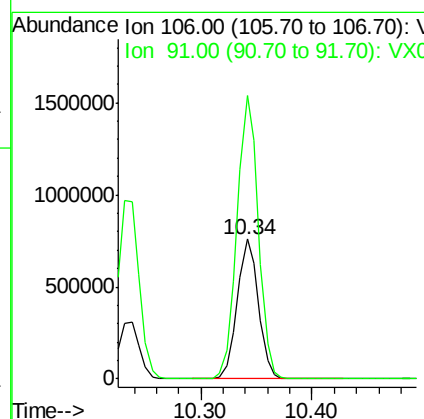
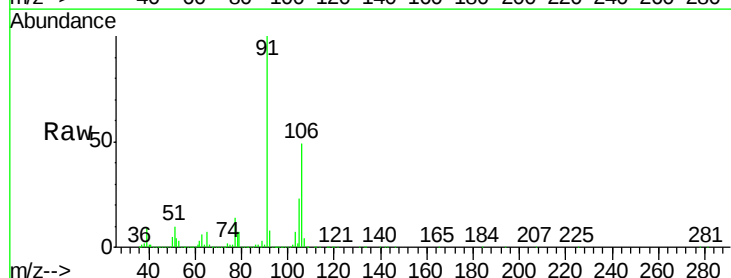
Manual Integrations
APPROVED

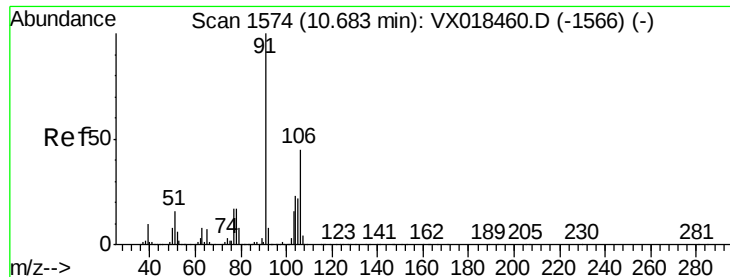
MMDadoda
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#68
m/p-Xylenes
Concen: 108.831 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion: 106 Resp: 996056
Ion Ratio Lower Upper
106 100
91 204.0 163.8 245.6





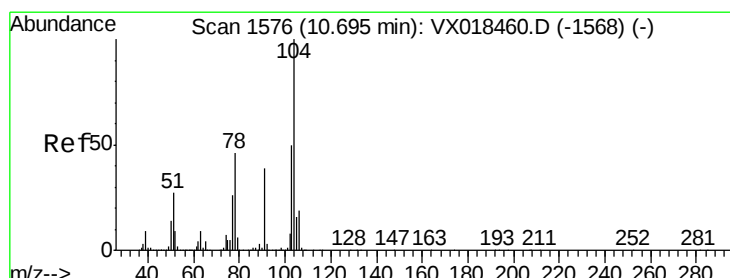
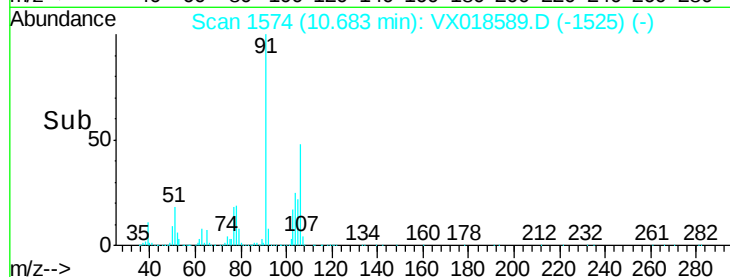
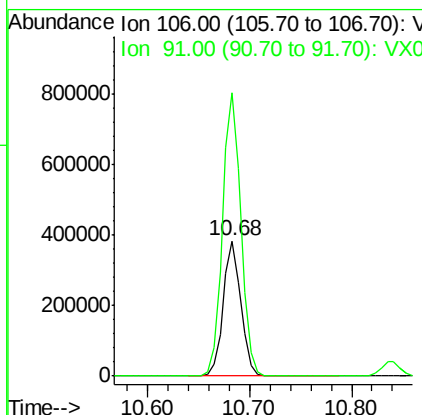
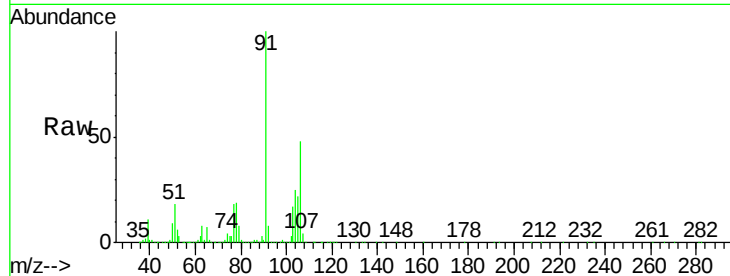
#69
o-Xylene
Concen: 53.337 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.0	109.7	329.0

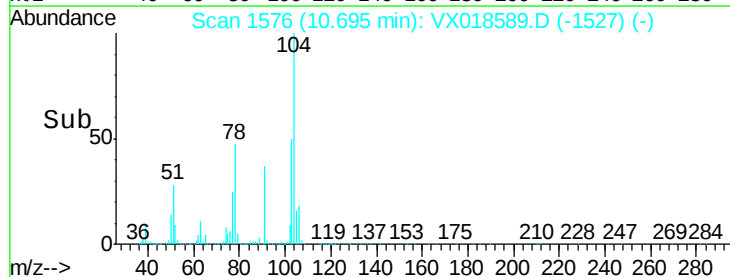
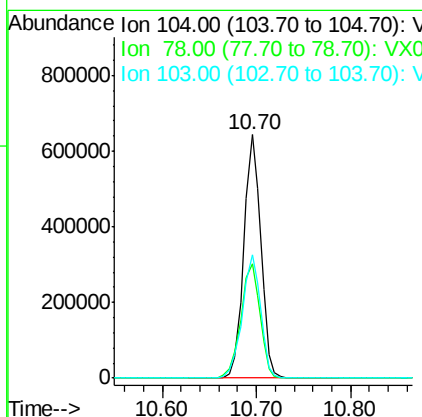
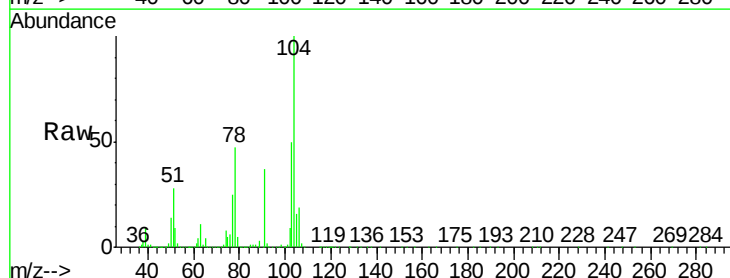
Manual Integrations
APPROVED

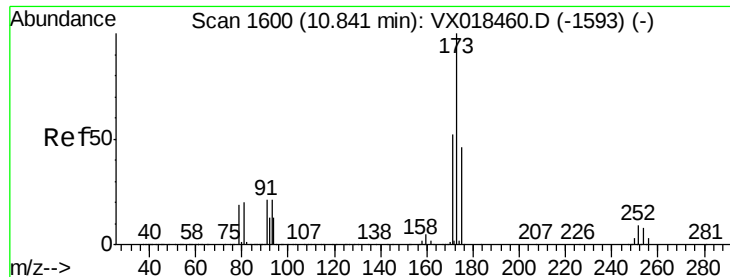
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#70
Styrene
Concen: 54.189 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.8	40.5	60.7
103	54.6	43.2	64.8





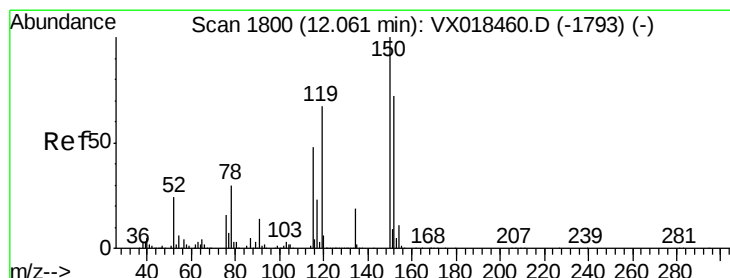
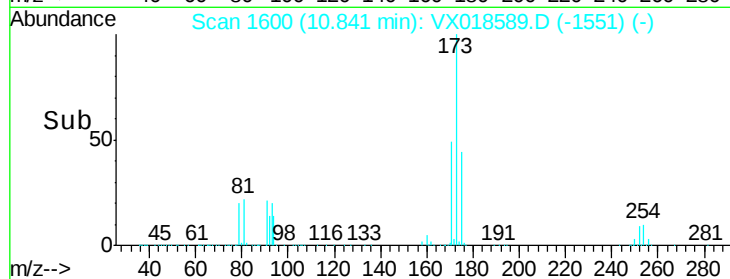
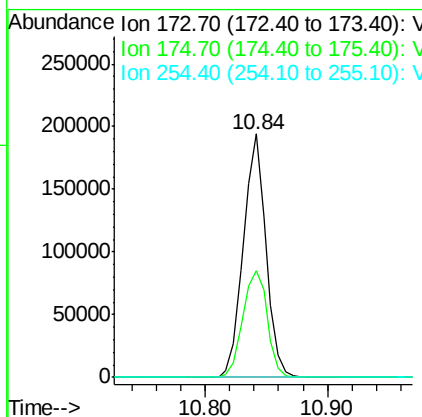
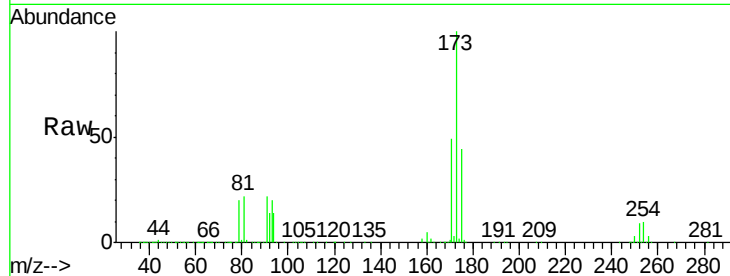
#71
Bromoform
Concen: 52.639 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.6	70.8
254	0.2	0.1	0.1#

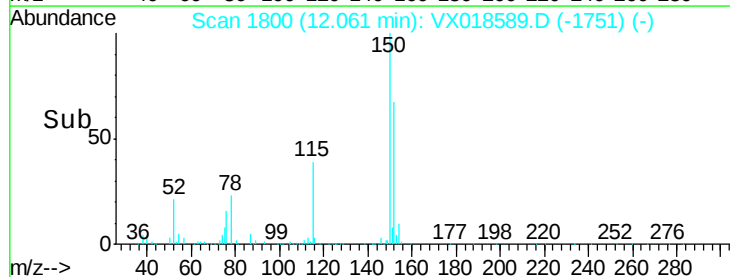
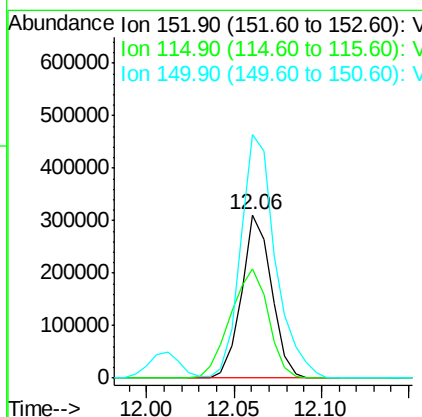
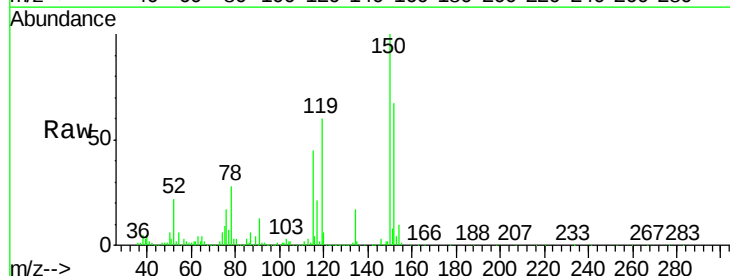
Manual Integrations
APPROVED

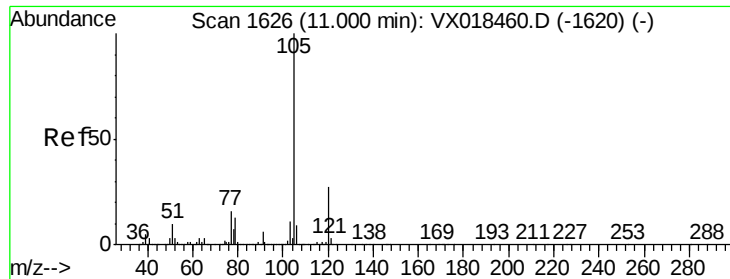
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	84.6	41.8	125.4
150	172.6	0.0	342.4





#73

Isopropylbenzene

Concen: 52.435 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1298395

Ion Ratio Lower Upper

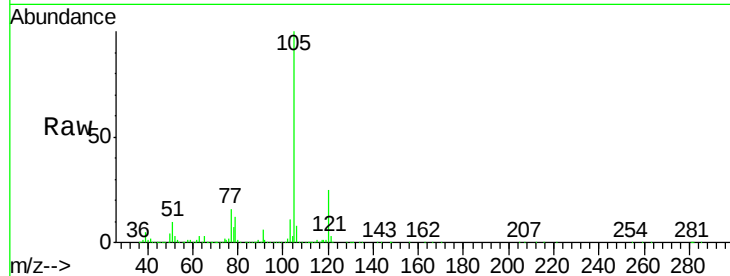
105 100

120 26.4 13.4 40.2

Manual Integrations
APPROVED

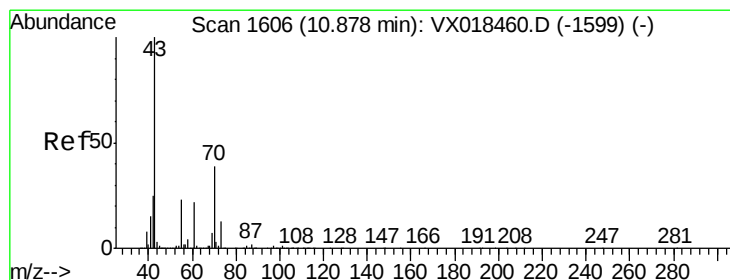
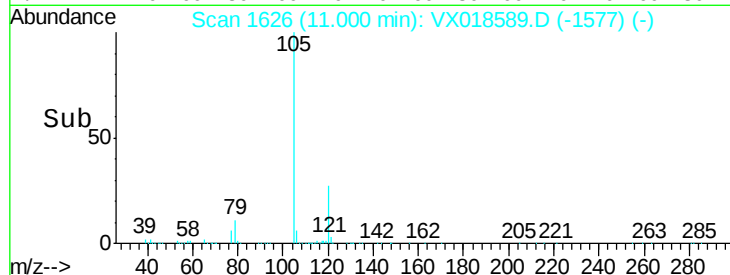
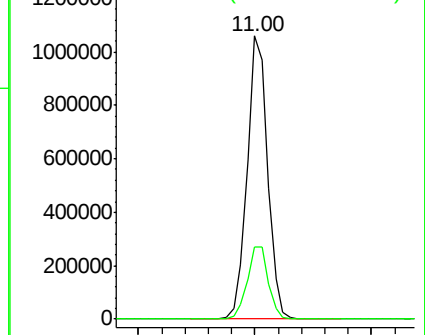
MMDadoda

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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: 46.048 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tgt Ion: 43 Resp: 513339

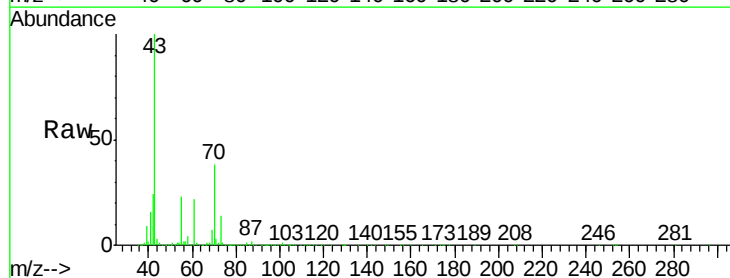
Ion Ratio Lower Upper

43 100

70 40.5 32.2 48.4

55 24.1 18.8 28.2

61 23.5 19.0 28.4

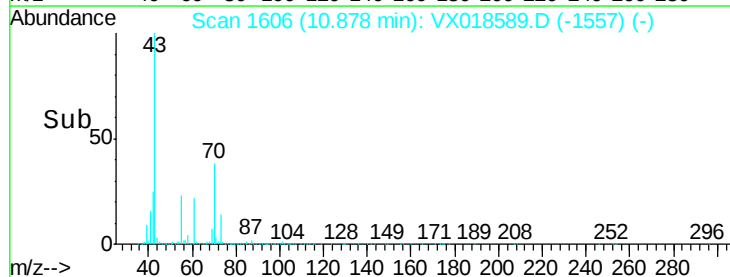
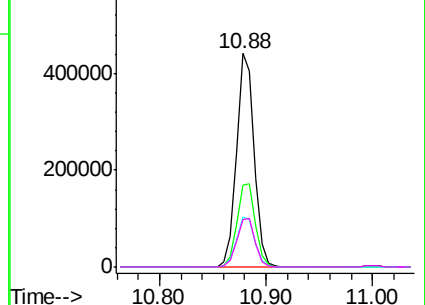


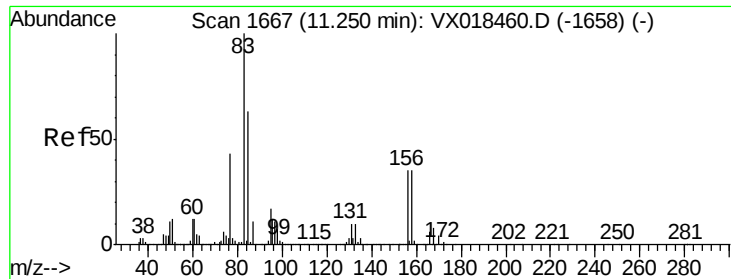
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.862 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

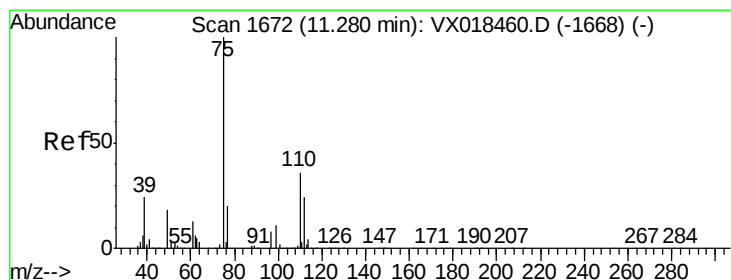
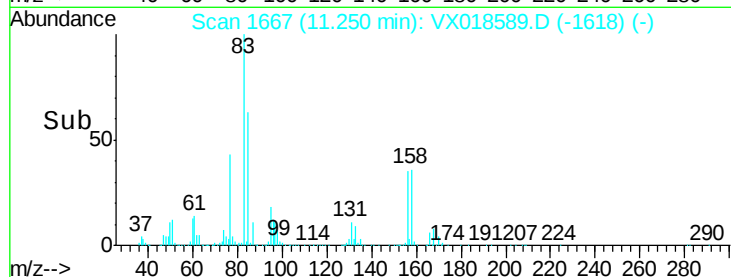
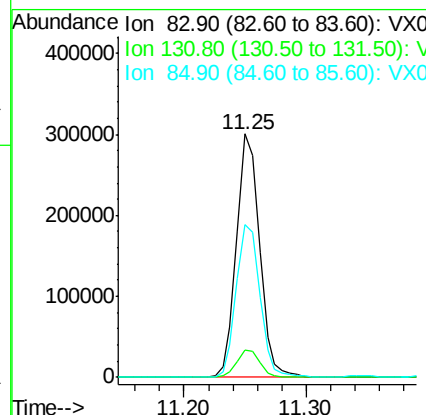
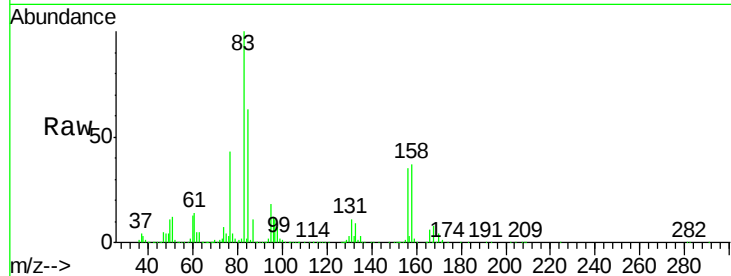
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	392287
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.1	15.4
85	64.7	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.640 ug/l m

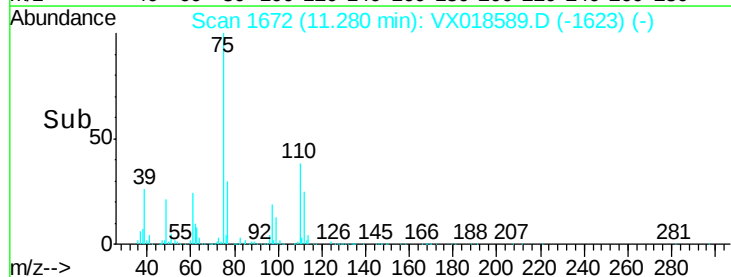
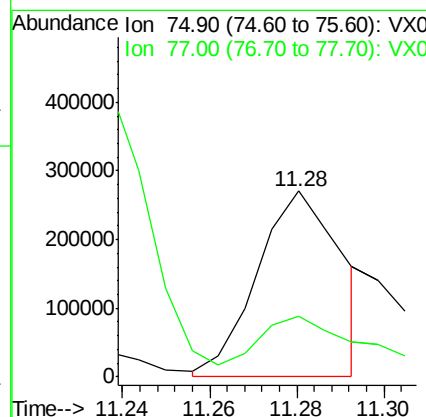
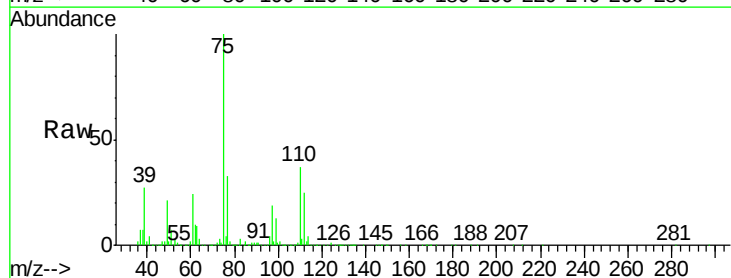
RT: 11.28 min Scan# 1672

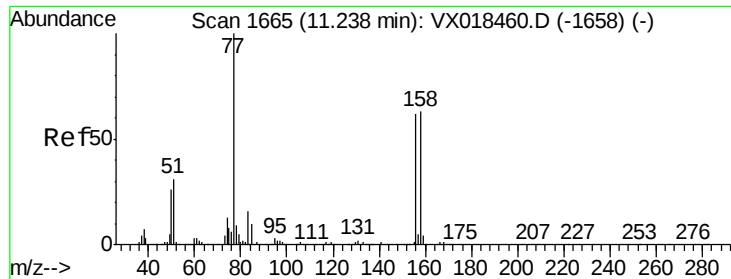
Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tgt Ion:	75	Resp:	363299
Ion Ratio	Lower	Upper	
75	100		
77	41.5	20.9	62.7





#77

Bromobenzene

Concen: 47.575 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

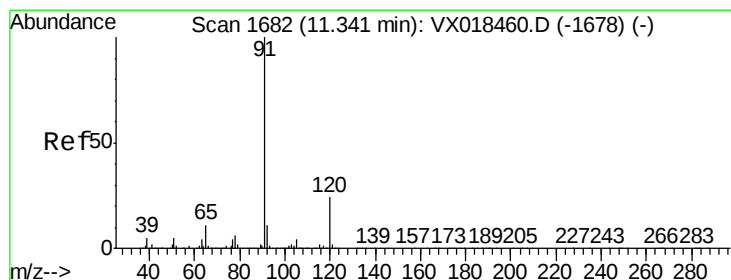
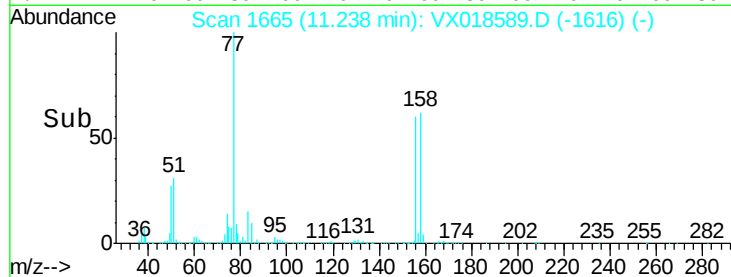
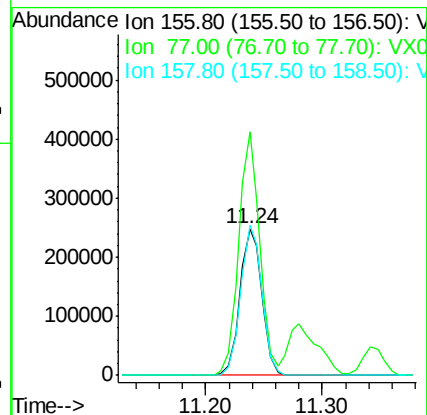
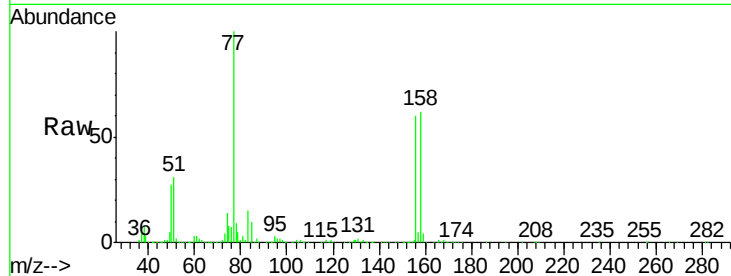
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	325044
Ion Ratio	Lower	Upper	
156	100		
77	159.5	78.8	236.5
158	99.6	48.4	145.3

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#78

n-propylbenzene

Concen: 51.862 ug/l

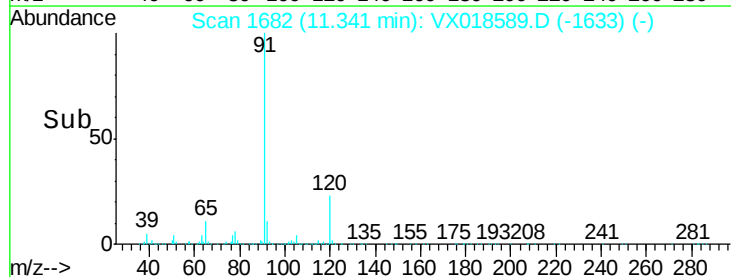
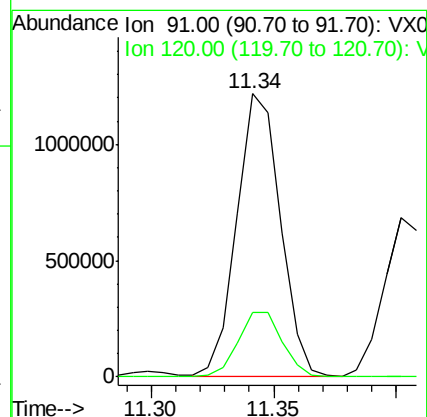
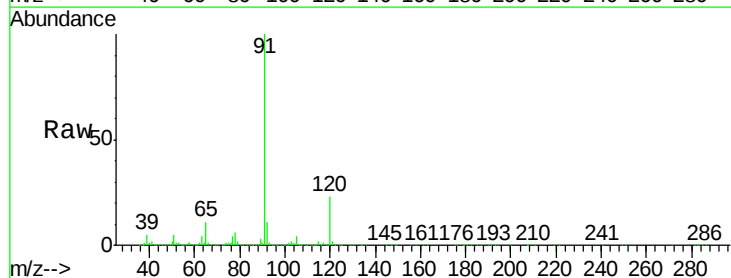
RT: 11.34 min Scan# 1682

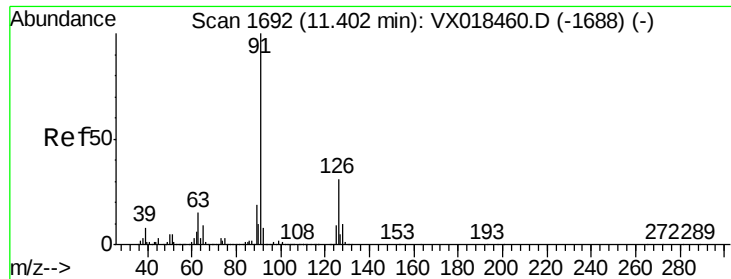
Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Tgt Ion:	91	Resp:	1503199
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 50.567 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 887183

Ion Ratio Lower Upper

91 100

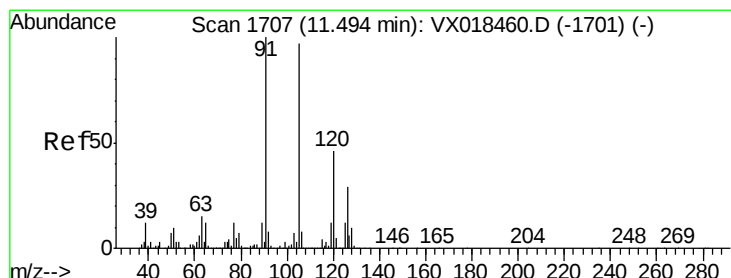
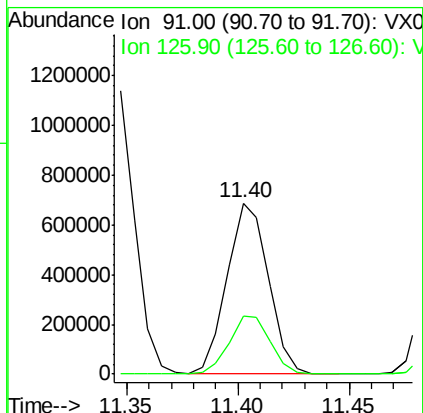
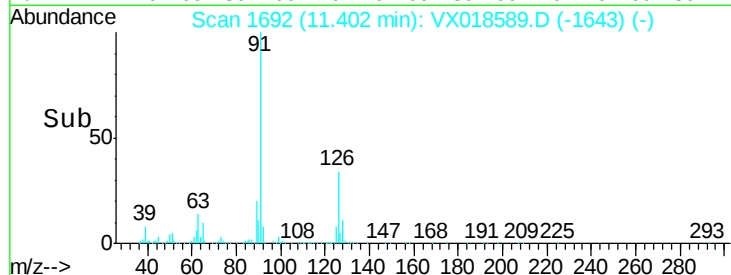
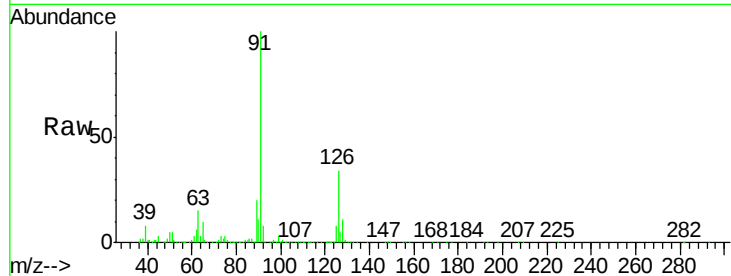
126 34.1 16.6 49.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.743 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018589.D

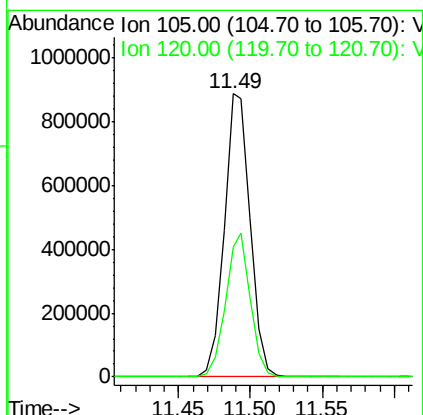
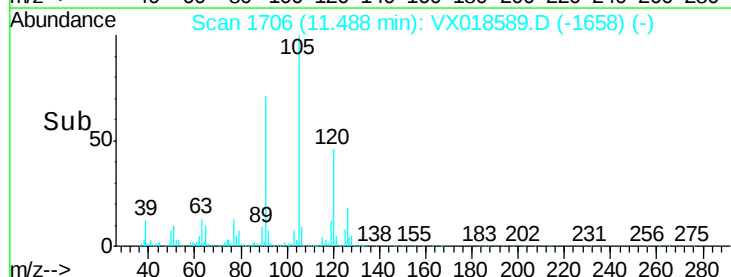
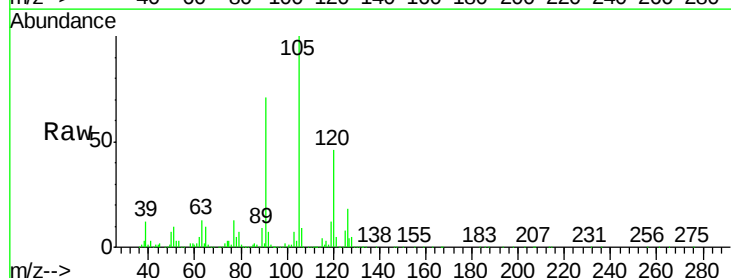
Acq: 25 Sep 2020 10:00

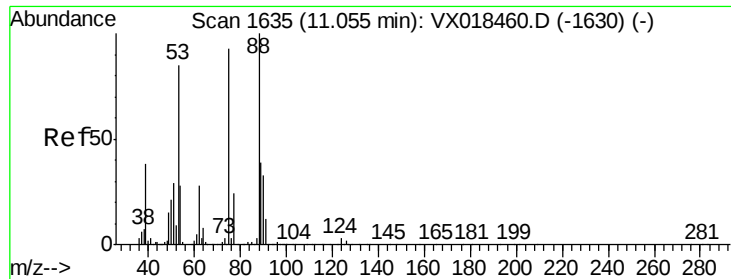
Tgt Ion: 105 Resp: 1116936

Ion Ratio Lower Upper

105 100

120 48.5 23.6 71.0





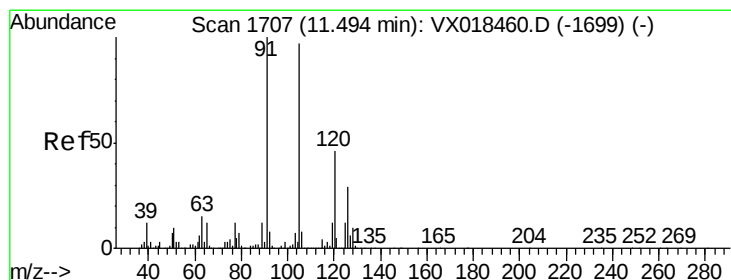
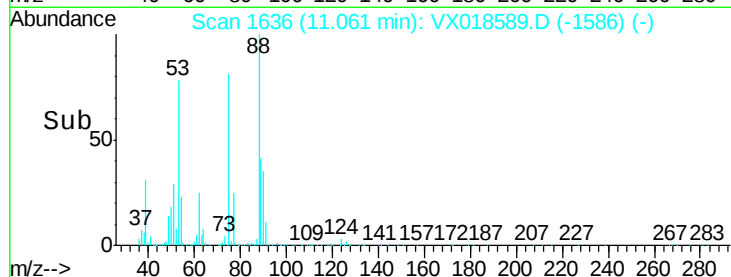
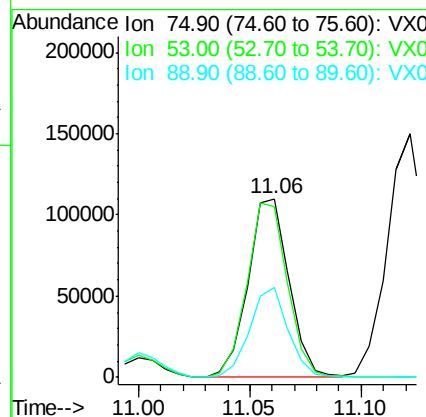
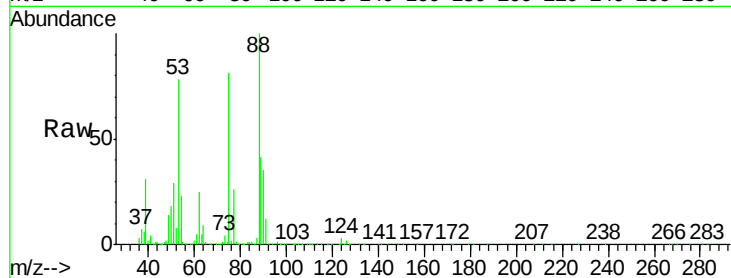
#81
trans-1,4-Dichloro-2-butene
Concen: 46.363 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.5	74.6	111.8
89	47.5	36.2	54.4

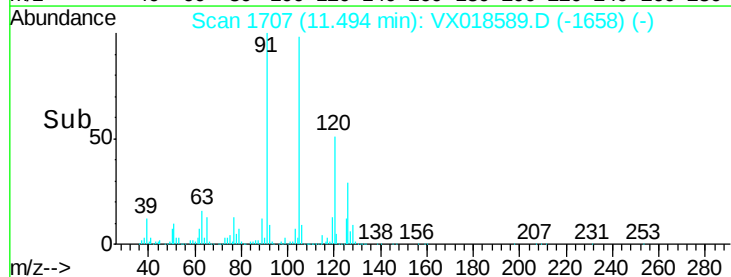
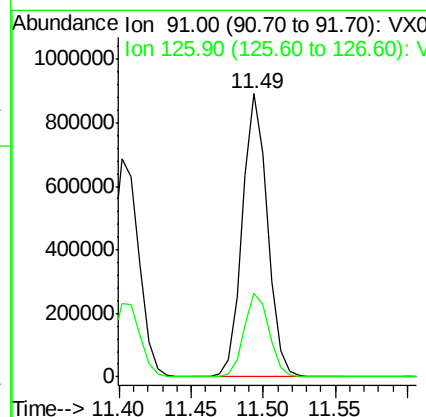
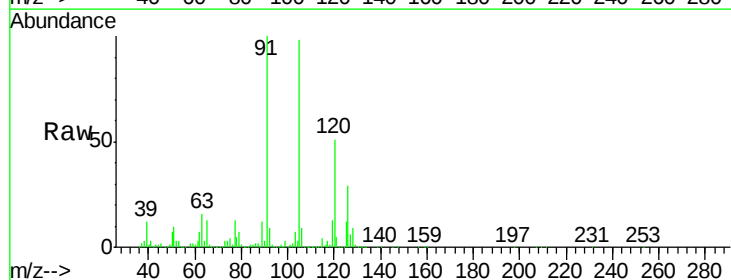
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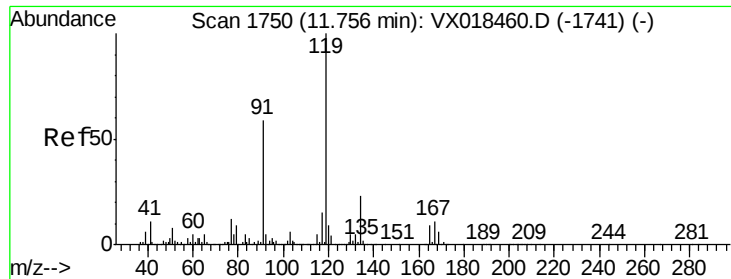
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#82
4-Chlorotoluene
Concen: 51.591 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	15.0	45.0





#83

tert-Butylbenzene

Concen: 51.164 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1051984

Ion Ratio Lower Upper

119 100

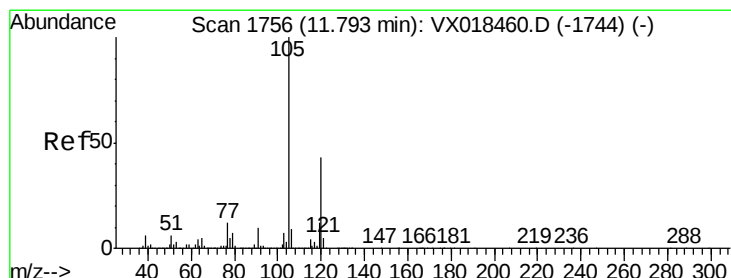
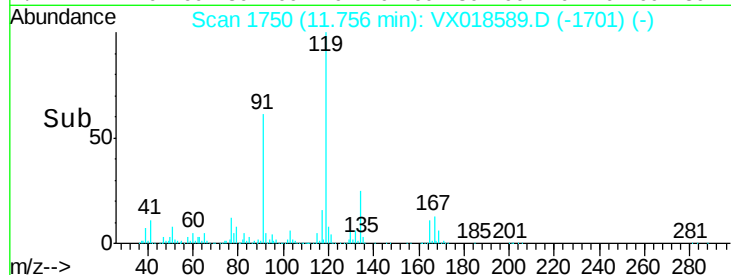
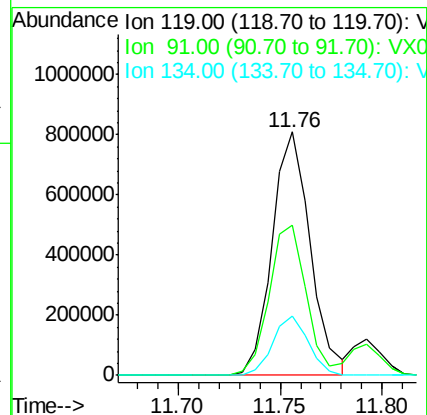
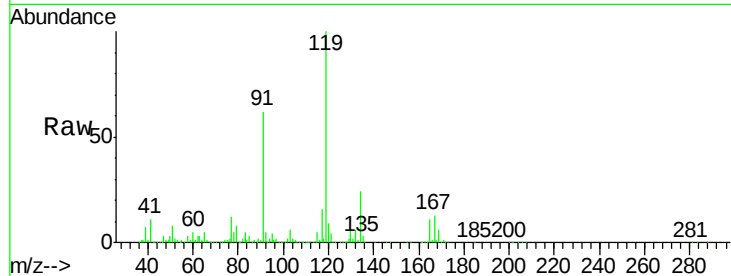
91 59.7 28.9 86.7

134 23.2 11.3 33.8

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#84

1,2,4-Trimethylbenzene

Concen: 53.226 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018589.D

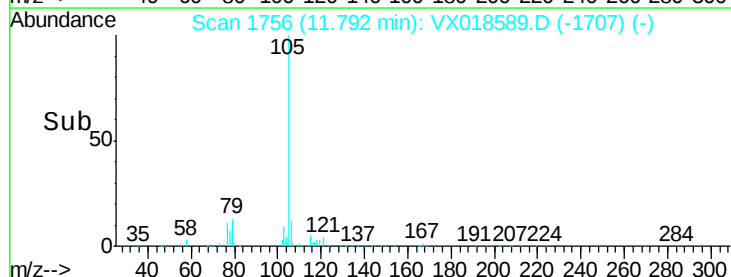
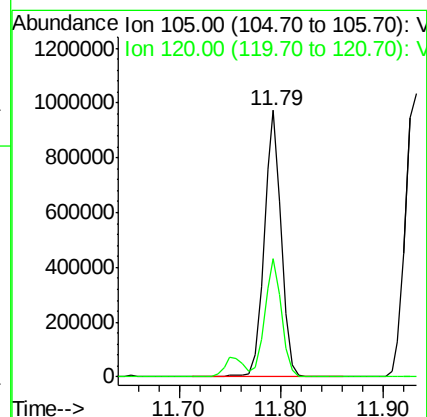
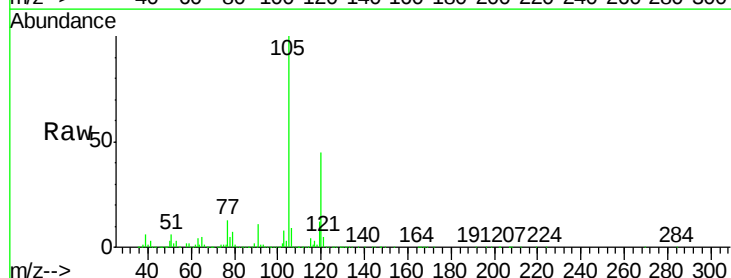
Acq: 25 Sep 2020 10:00

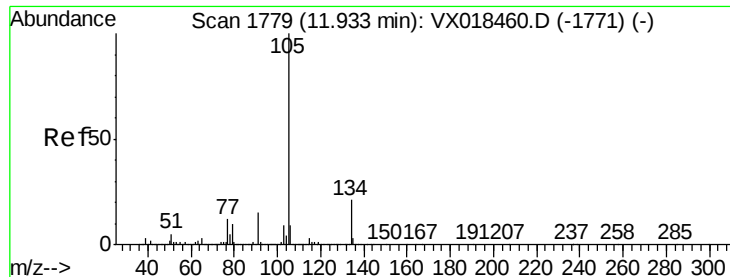
Tgt Ion:105 Resp: 1135143

Ion Ratio Lower Upper

105 100

120 43.9 21.6 65.0





#85

sec-Butylbenzene

Concen: 51.866 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1258296

Ion Ratio Lower Upper

105 100

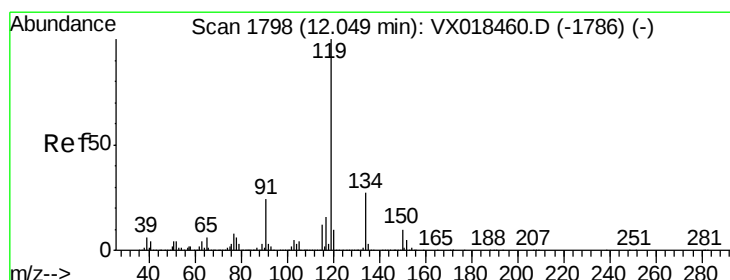
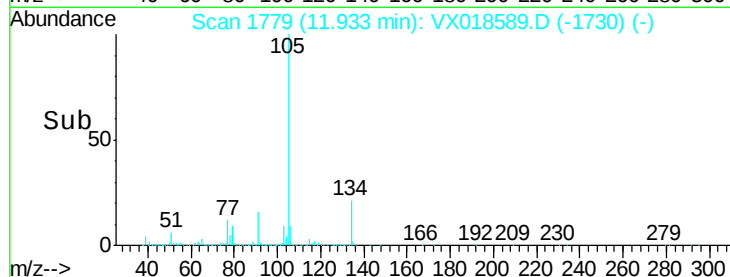
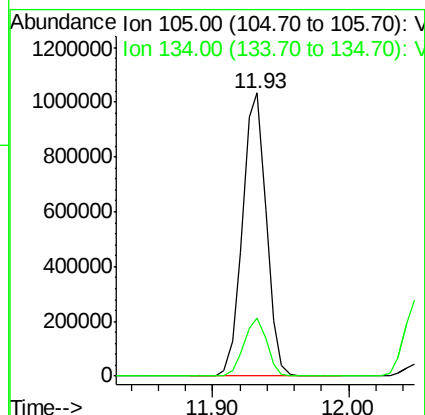
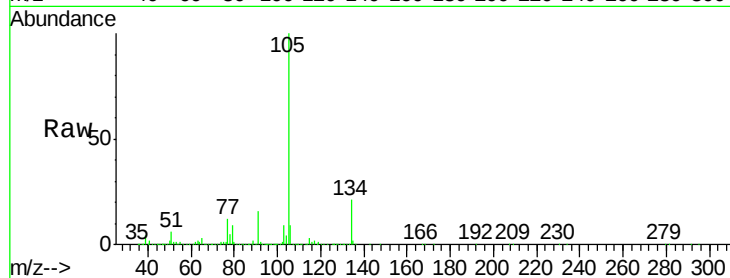
134 20.0 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 53.353 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018589.D

Acq: 25 Sep 2020 10:00

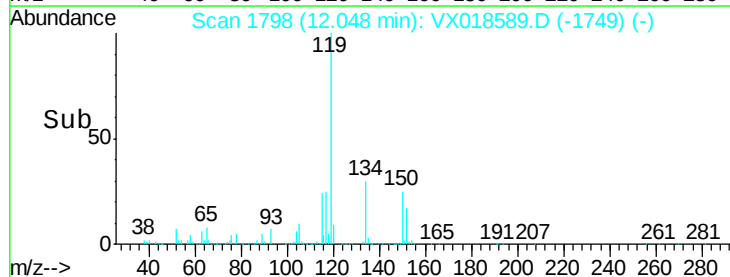
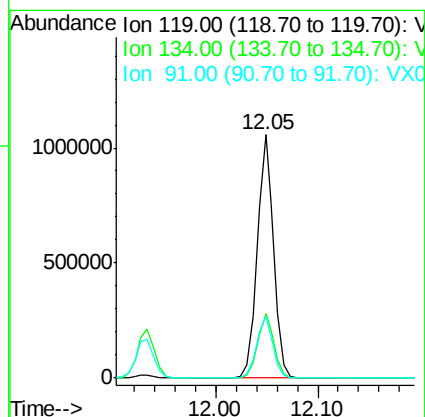
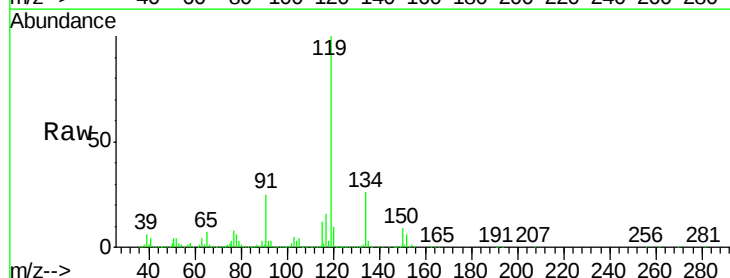
Tgt Ion:119 Resp: 1189580

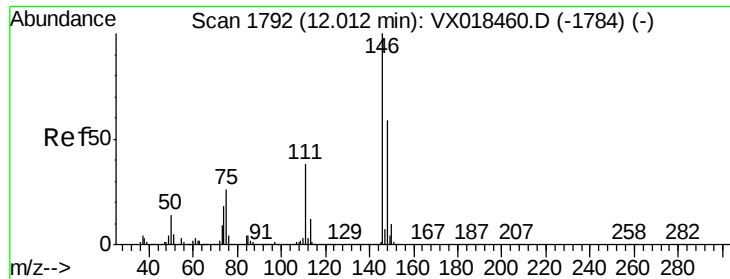
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 25.1 11.9 35.9





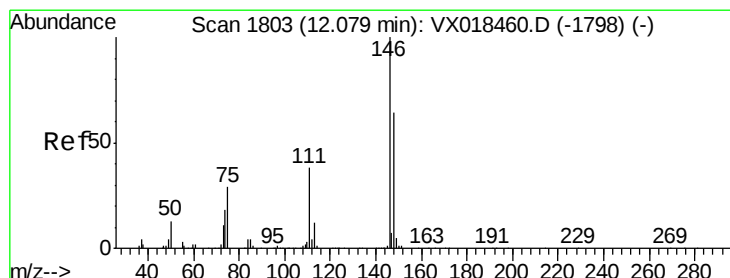
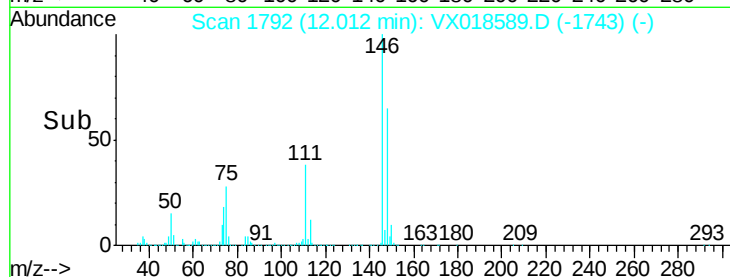
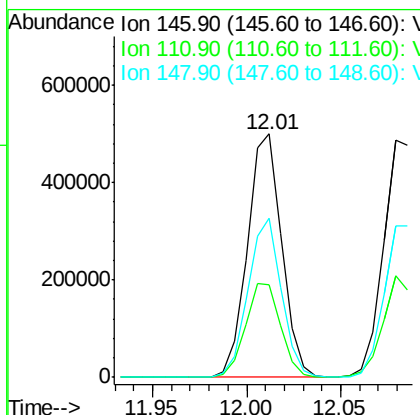
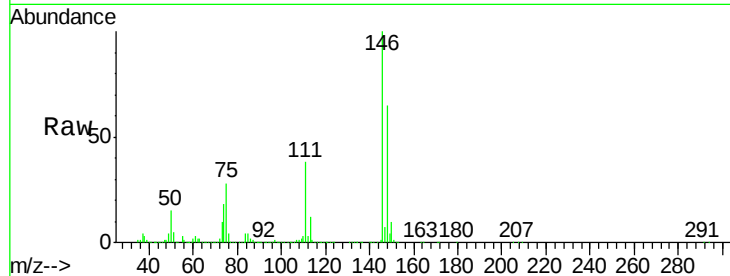
#87
 1,3-Dichlorobenzene
 Concen: 51.234 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.4	61.2
148	63.5	31.1	93.2

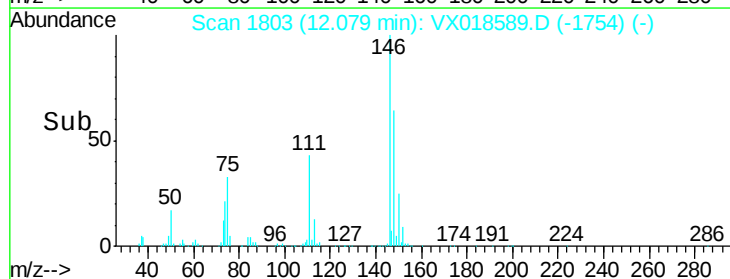
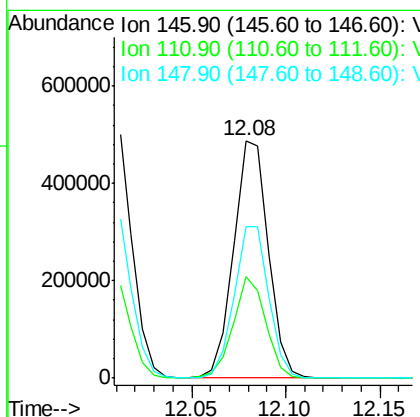
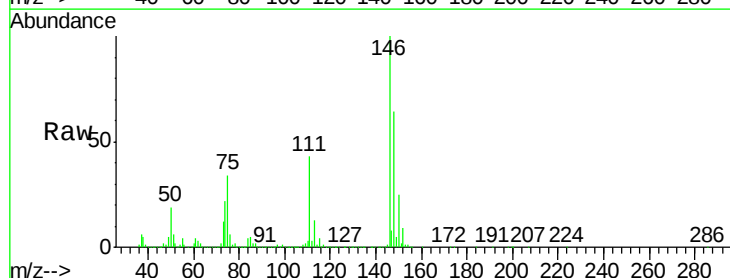
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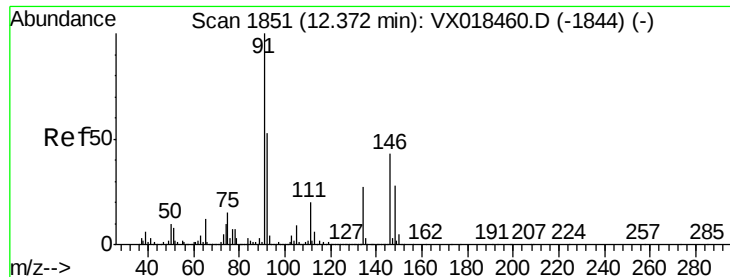
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#88
 1,4-Dichlorobenzene
 Concen: 49.794 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.4	58.4
148	63.9	31.8	95.4





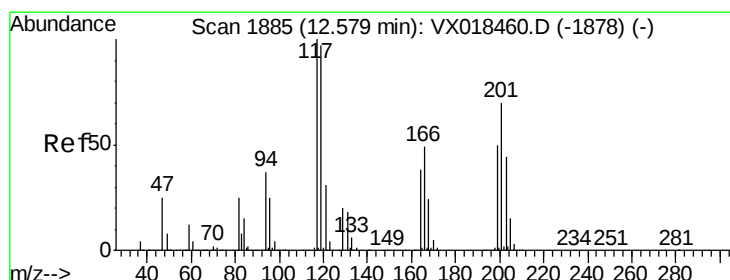
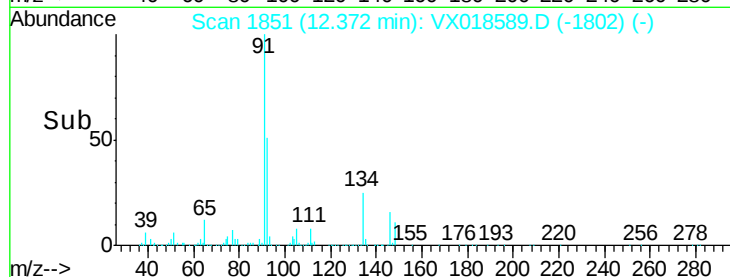
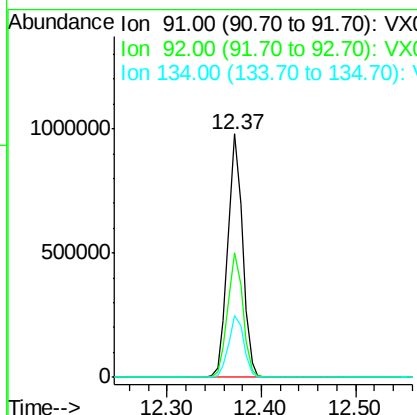
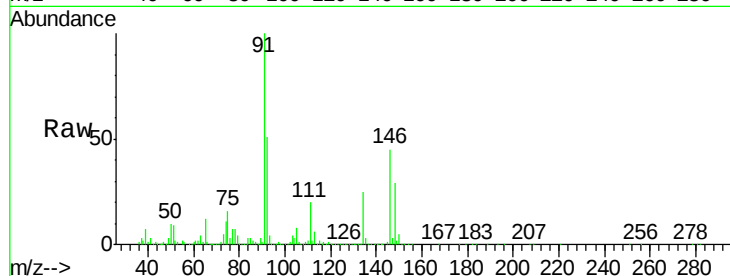
#89
n-Butylbenzene
Concen: 52.116 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.1	78.2
134	26.2	13.3	39.8

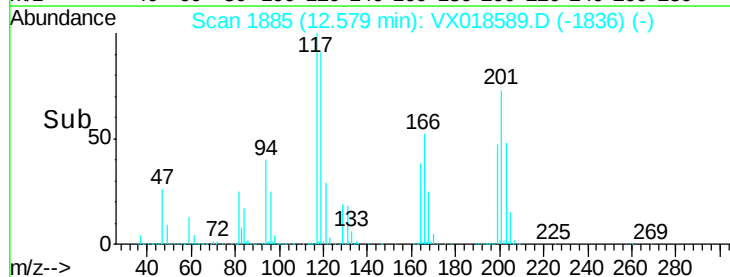
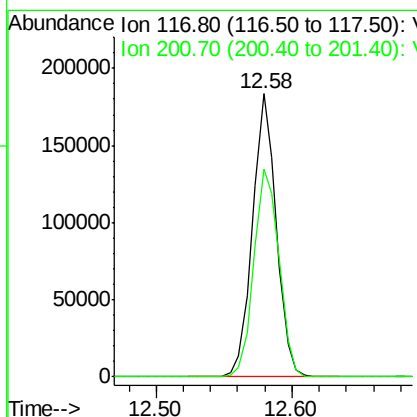
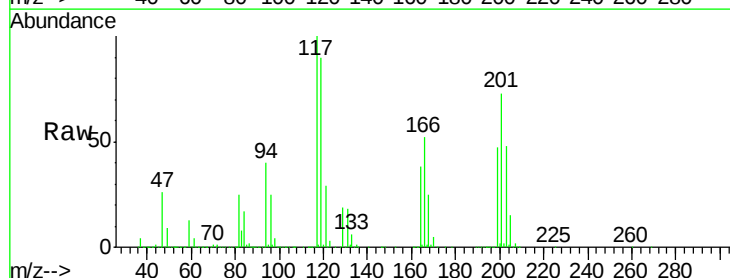
Manual Integrations
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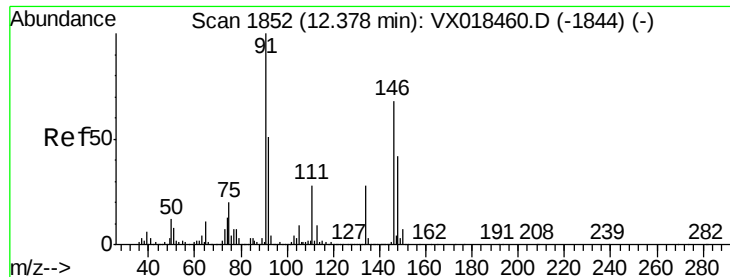
MMDadoda
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#90
Hexachloroethane
Concen: 50.718 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.6	36.2	108.6





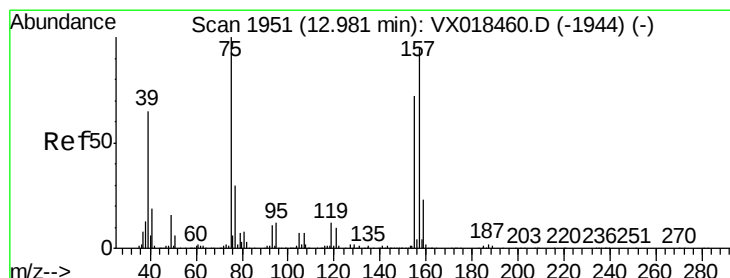
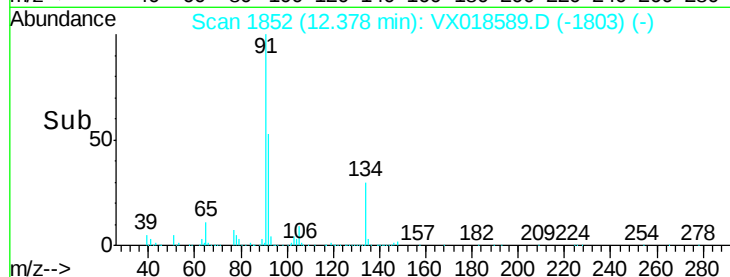
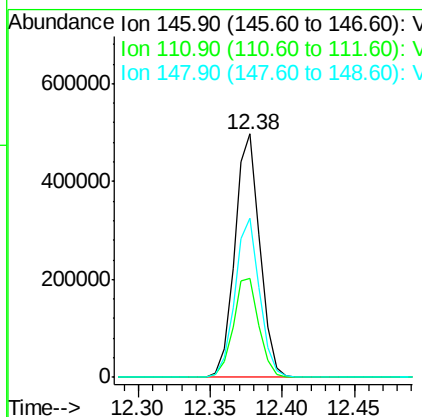
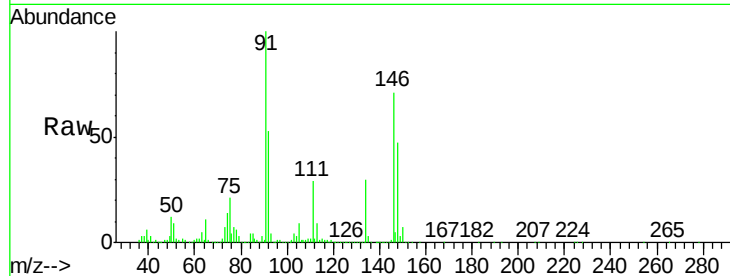
#91
 1,2-Dichlorobenzene
 Concen: 52.530 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	603977		
111	41.8		21.5	64.5
148	64.1		32.1	96.5

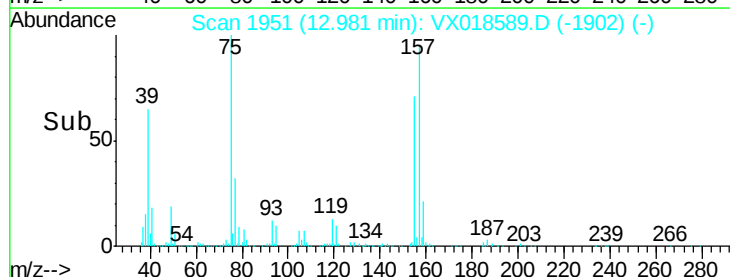
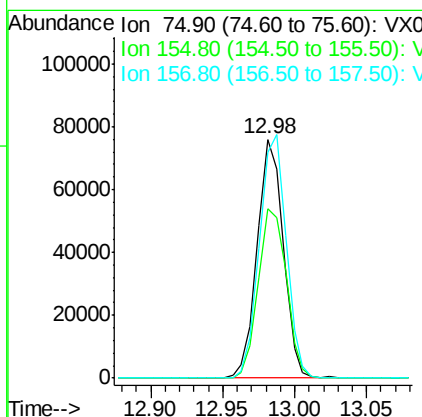
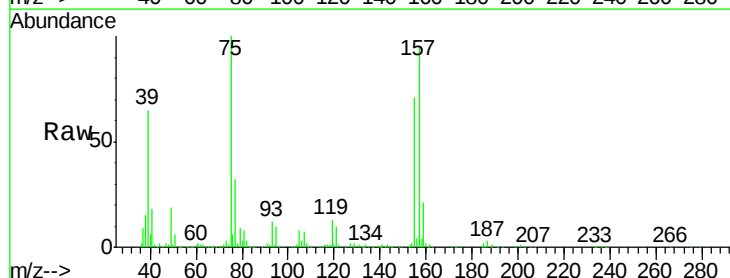
Manual Integrations
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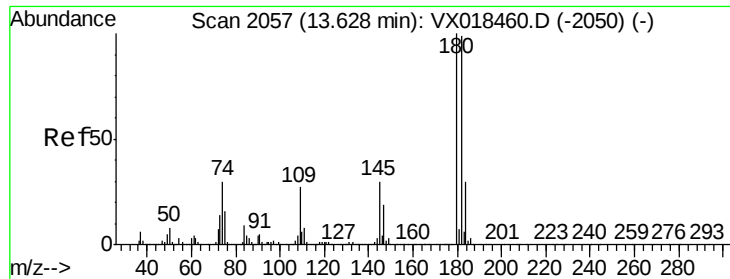
MMDadoda
 9/28/2020 12:49:52 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.662 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	94834		
155	76.6		38.8	116.4
157	105.1		51.1	153.3





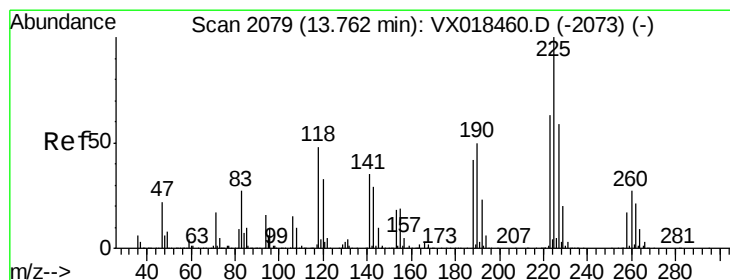
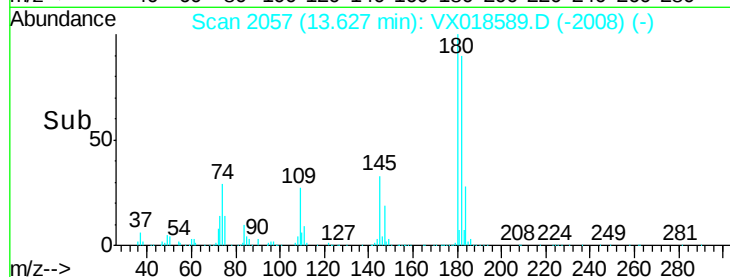
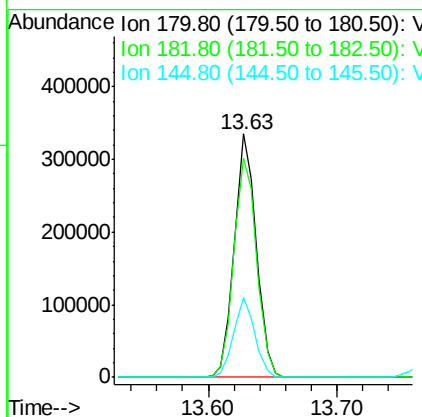
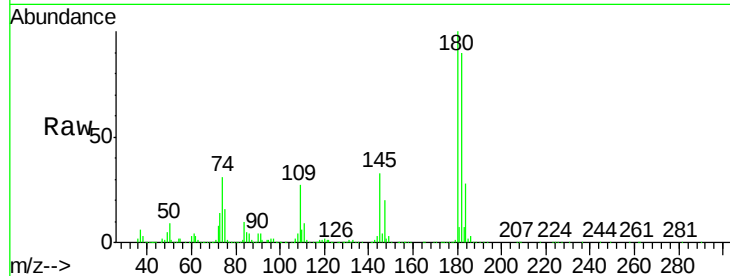
#93
 1,2,4-Trichlorobenzene
 Concen: 50.244 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	402063		
182	93.2	50.2	150.6	
145	31.8	15.7	47.1	

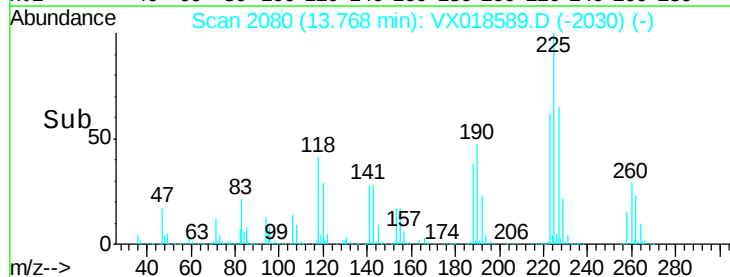
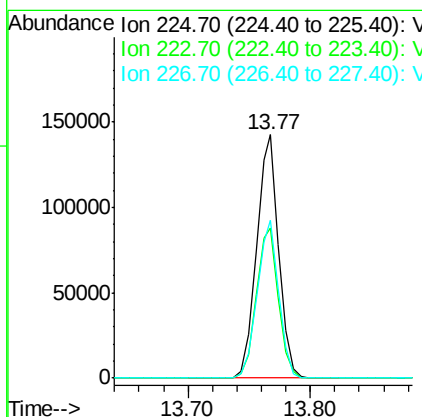
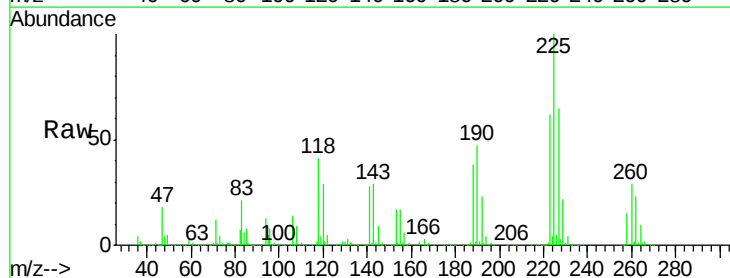
Manual Integrations
 APPROVED

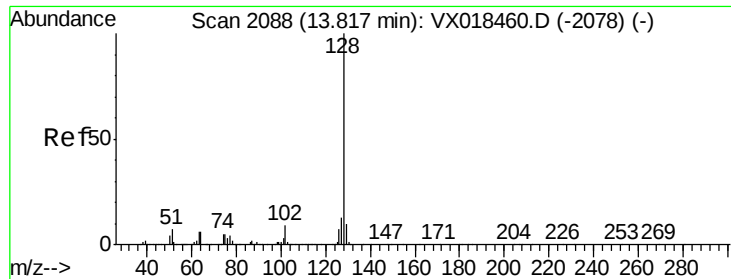
MMDadoda
 9/28/2020 12:49:52 PM



#94
 Hexachlorobutadiene
 Concen: 53.138 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018589.D
 Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	178436		
223	62.1	32.0	96.2	
227	63.5	31.7	95.1	





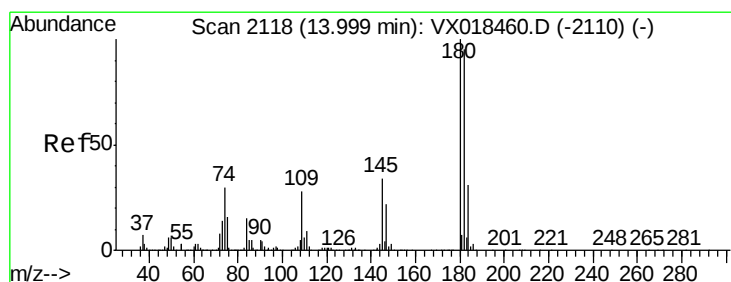
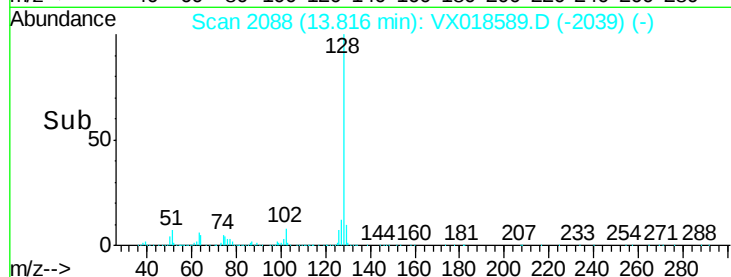
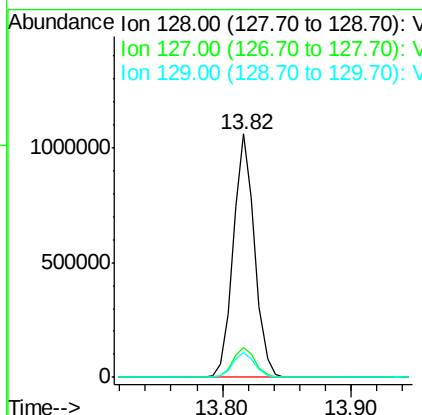
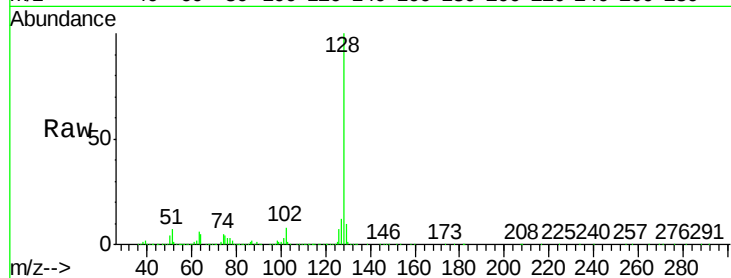
#95
Naphthalene
Concen: 50.496 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/28/2020 12:49:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.967 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018589.D
Acq: 25 Sep 2020 10:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.1	141.3
145	33.7	16.8	50.4

