

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020190.D
 Acq On : 19 Dec 2020 22:36
 Operator : JC/MD
 Sample : L5096-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MS

Manual Integrations
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 12/21/2020 3:56:55 PM

Quant Time: Dec 21 02:38:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	241661	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	405470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	380346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	189807	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.025	65	160001	49.39	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.78%
35) Dibromofluoromethane	5.464	113	127721	49.24	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.48%
50) Toluene-d8	8.695	98	490677	49.15	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.30%
62) 4-Bromofluorobenzene	11.122	95	183192	47.94	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.88%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.185	85	136453	51.99	ug/l	100
3) Chloromethane	1.313	50	146154	48.02	ug/l	100
4) Vinyl Chloride	1.392	62	164639	49.66	ug/l	99
5) Bromomethane	1.623	94	52407	49.34	ug/l	99
6) Chloroethane	1.703	64	104874	50.80	ug/l	98
7) Trichlorofluoromethane	1.916	101	220594	51.74	ug/l	95
8) Diethyl Ether	2.166	74	89562	48.27	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.361	101	117771	48.82	ug/l	97
10) Methyl Iodide	2.489	142	147618	45.70	ug/l	99
11) Tert butyl alcohol	3.013	59	157461	217.07	ug/l	99
12) 1,1-Dichloroethene	2.355	96	121283	49.13	ug/l	95
13) Acrolein	2.270	56	112832	248.93	ug/l	100
14) Allyl chloride	2.709	41	208182	47.52	ug/l	98
15) Acrylonitrile	3.111	53	427272	256.03	ug/l	100
16) Acetone	2.416	43	337574	228.53	ug/l	100
17) Carbon Disulfide	2.550	76	350155	48.02	ug/l	98
18) Methyl Acetate	2.745	43	160056	48.58	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	456136	49.36	ug/l	99
20) Methylene Chloride	2.831	84	156827	47.09	ug/l	97
21) trans-1,2-Dichloroethene	3.141	96	144770	48.33	ug/l	98
22) Diisopropyl ether	3.824	45	445397	49.81	ug/l	93
23) Vinyl Acetate	3.782	43	1806779	237.06	ug/l	99
24) 1,1-Dichloroethane	3.666	63	262722	49.89	ug/l	100
25) 2-Butanone	4.629	43	538255	250.36	ug/l	99
26) 2,2-Dichloropropane	4.550	77	185473	42.68	ug/l	100
27) cis-1,2-Dichloroethene	4.562	96	163579	48.39	ug/l	99
28) Bromochloromethane	4.976	49	116346	49.60	ug/l	95
29) Tetrahydrofuran	5.086	42	352388	260.54	ug/l	97
30) Chloroform	5.172	83	265169	49.45	ug/l	100
31) Cyclohexane	5.550	56	227039	50.83	ug/l	98
32) 1,1,1-Trichloroethane	5.464	97	226257	50.60	ug/l	99
36) 1,1-Dichloropropene	5.769	75	195511	48.79	ug/l	99
37) Ethyl Acetate	4.787	43	197460	47.42	ug/l	99
38) Carbon Tetrachloride	5.751	117	191476	50.24	ug/l	95
39) Methylcyclohexane	7.439	83	227298	49.14	ug/l	96
40) Benzene	6.110	78	608921	48.81	ug/l	100
41) Methacrylonitrile	5.001	41	113053	50.95	ug/l	99

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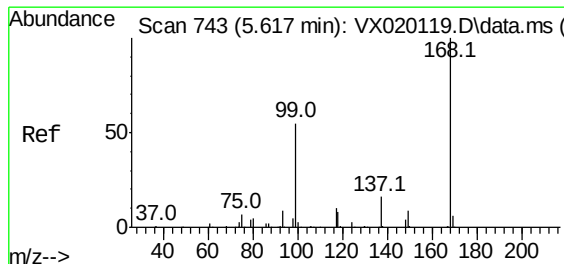
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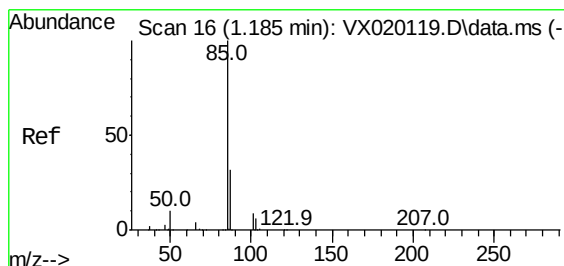
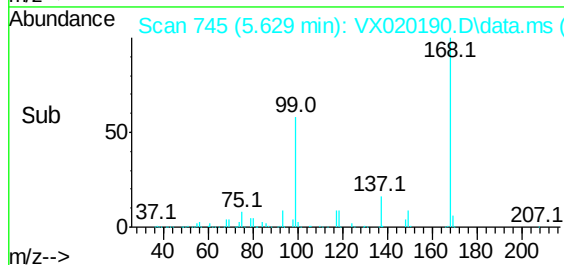
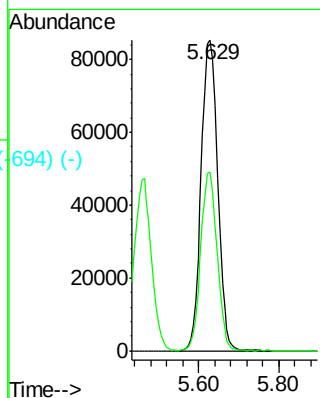
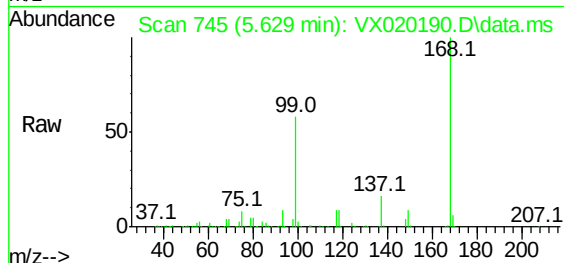
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.159	62	210027	49.08	ug/l	100
43) Isopropyl Acetate	6.409	43	313345	47.66	ug/l	99
44) Trichloroethene	7.183	130	151569	47.01	ug/l	96
45) 1,2-Dichloropropane	7.488	63	155742	49.40	ug/l	100
46) Dibromomethane	7.635	93	104225	48.33	ug/l	98
47) Bromodichloromethane	7.872	83	203829	49.58	ug/l	99
48) Methyl methacrylate	7.744	41	163416	50.72	ug/l	99
49) 1,4-Dioxane	7.714	88	68317	905.87	ug/l	97
51) 4-Methyl-2-Pentanone	8.616	43	1064965	261.65	ug/l	99
52) Toluene	8.762	92	377871	49.64	ug/l	99
53) t-1,3-Dichloropropene	9.018	75	218706	48.36	ug/l	98
54) cis-1,3-Dichloropropene	8.415	75	236613	47.66	ug/l	96
55) 1,1,2-Trichloroethane	9.195	97	155704	49.60	ug/l	100
56) Ethyl methacrylate	9.159	69	234053	50.94	ug/l	99
57) 1,3-Dichloropropane	9.348	76	264598	49.51	ug/l	99
59) 2-Hexanone	9.470	43	810318	261.25	ug/l	98
60) Dibromochloromethane	9.561	129	155420	49.89	ug/l	100
61) 1,2-Dibromoethane	9.652	107	161322	49.21	ug/l	99
64) Tetrachloroethene	9.317	164	139716	48.75	ug/l	98
65) Chlorobenzene	10.122	112	391907	48.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	145825	49.80	ug/l	100
67) Ethyl Benzene	10.232	91	714679	50.10	ug/l	99
68) m/p-Xylenes	10.341	106	537642	100.96	ug/l	98
69) o-Xylene	10.683	106	254892	49.73	ug/l	98
70) Styrene	10.695	104	437218	50.46	ug/l	100
71) Bromoform	10.841	173	113026	49.84	ug/l	99
73) Isopropylbenzene	11.000	105	683980	49.93	ug/l	100
74) N-ethyl acetate	10.878	43	260314	47.14	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	250680	50.39	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	230342m	49.27	ug/l	
77) Bromobenzene	11.238	156	169888	46.92	ug/l	97
78) n-propylbenzene	11.341	91	791669	50.14	ug/l	99
79) 2-Chlorotoluene	11.402	91	479732	48.73	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	580978	50.04	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	73610	46.71	ug/l	98
82) 4-Chlorotoluene	11.494	91	561765	48.86	ug/l	98
83) tert-Butylbenzene	11.756	119	551564	49.50	ug/l	97
84) 1,2,4-Trimethylbenzene	11.792	105	583926	49.54	ug/l	99
85) sec-Butylbenzene	11.926	105	654789	50.92	ug/l	100
86) p-Isopropyltoluene	12.048	119	593783	50.07	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	304689	47.07	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	307807	45.58	ug/l	98
89) n-Butylbenzene	12.372	91	516448	49.71	ug/l	99
90) Hexachloroethane	12.579	117	100486	49.12	ug/l	100
91) 1,2-Dichlorobenzene	12.378	146	303412	47.10	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	52661	50.44	ug/l	94
93) 1,2,4-Trichlorobenzene	13.627	180	193295	46.66	ug/l	99
94) Hexachlorobutadiene	13.762	225	83633	48.19	ug/l	99
95) Naphthalene	13.816	128	672097	51.23	ug/l	100
96) 1,2,3-Trichlorobenzene	13.999	180	195278	47.65	ug/l	100

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



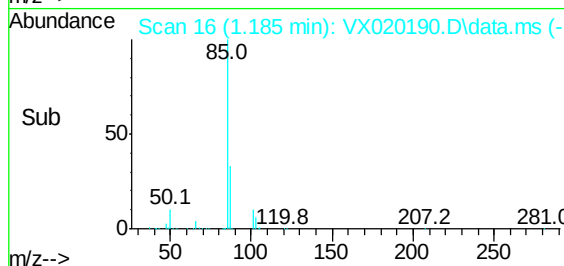
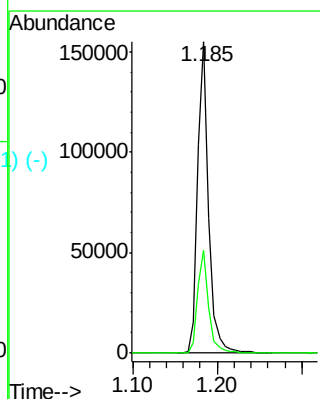
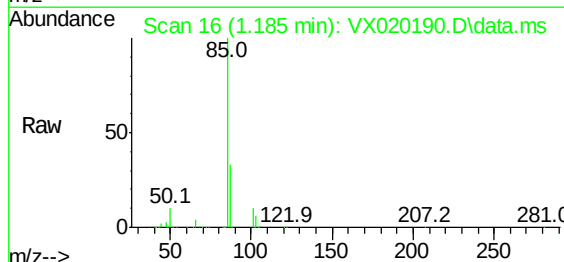
Scan 743 (5.617 min): VX020119.D\data.ms (-743) (-)
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Tgt Ion: 168 Resp: 241661
 Ion Ratio Lower Upper
 168 100
 99 57.7 45.8 68.6



Scan 16 (1.185 min): VX020119.D\data.ms (-11#2)
 Dichlorodifluoromethane
 Concen: 51.99 ug/l
 RT: 1.185 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

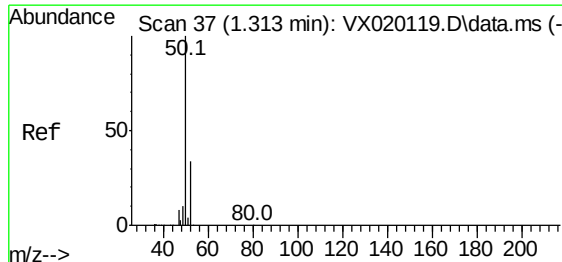
Tgt Ion: 85 Resp: 136453
 Ion Ratio Lower Upper
 85 100
 87 33.0 16.4 49.2



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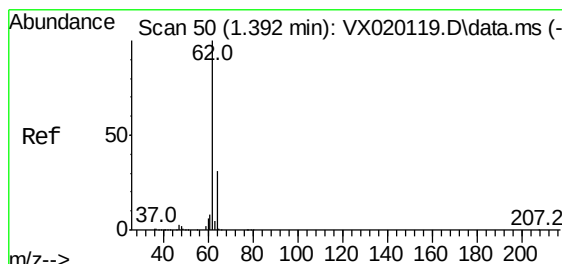
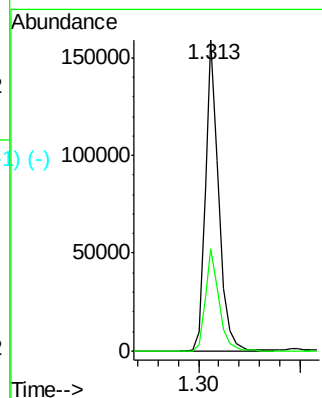
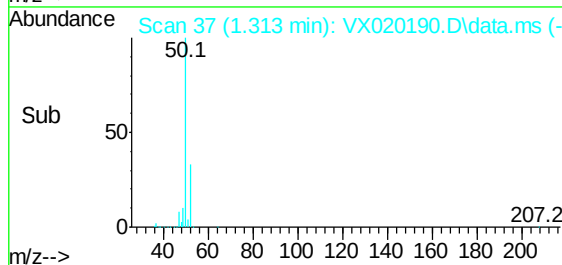
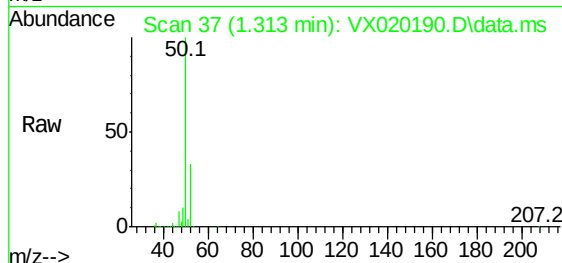
Chloromethane
 Concen: 48.02 ug/l
 RT: 1.313 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Tgt Ion:	50	Resp:	146154
Ion Ratio	Lower	Upper	
50	100		
52	32.9	26.4	39.6

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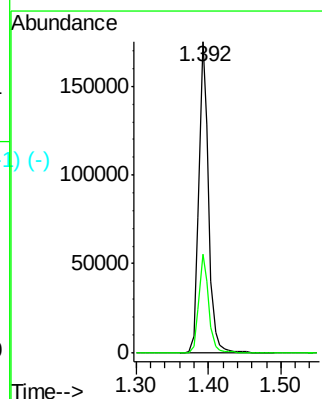
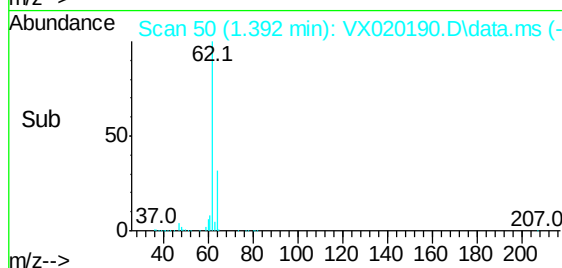
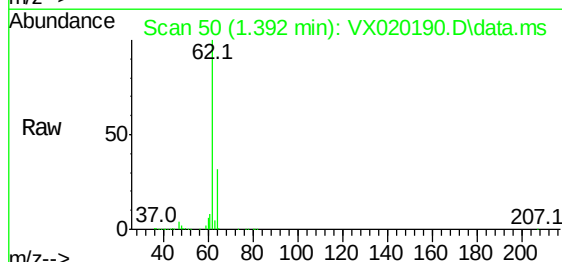
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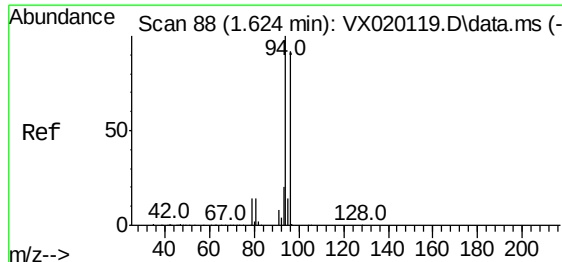
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Vinyl Chloride
 Concen: 49.66 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Tgt Ion:	62	Resp:	164639
Ion Ratio	Lower	Upper	
62	100		
64	31.5	25.7	38.5





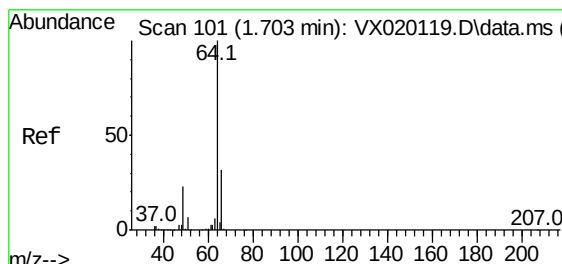
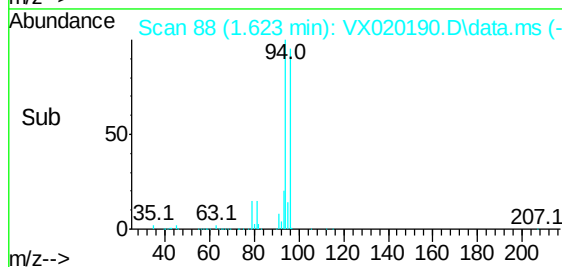
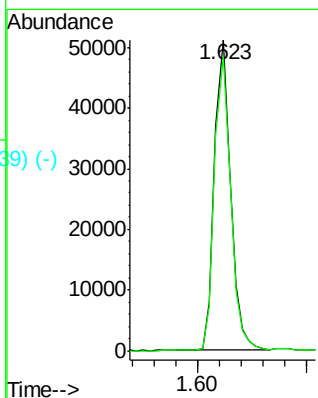
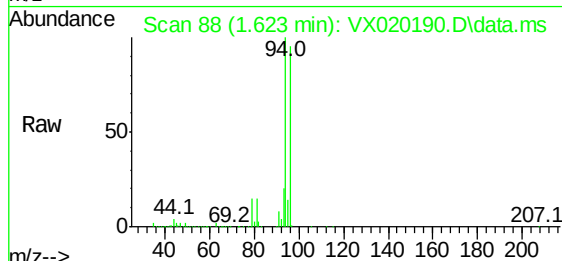
Bromomethane
Concen: 49.34 ug/l
RT: 1.623 min Scan# 88
Delta R.T. -0.001 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 94 Resp: 52407
Ion Ratio Lower Upper
94 100
96 94.5 76.4 114.6

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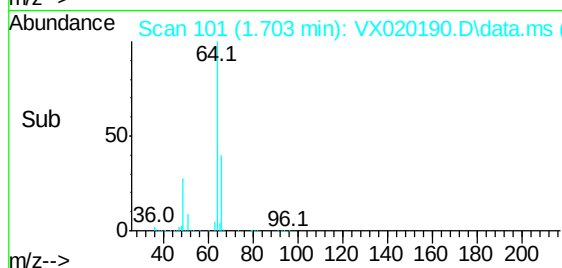
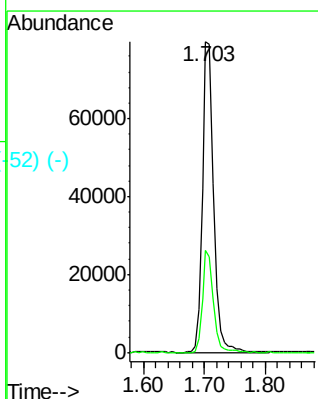
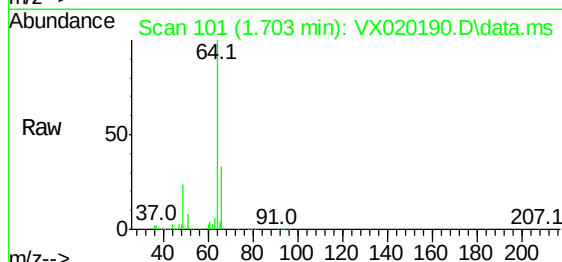
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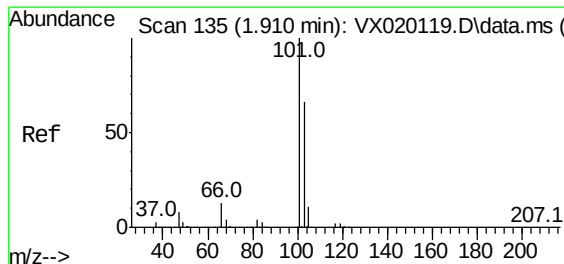
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Chloroethane
Concen: 50.80 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 64 Resp: 104874
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0





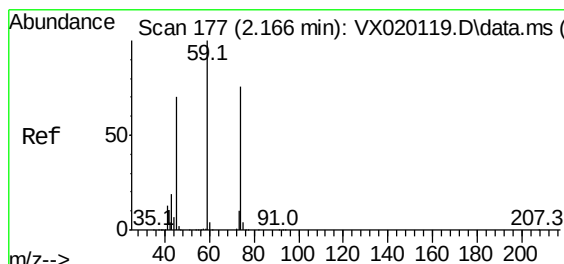
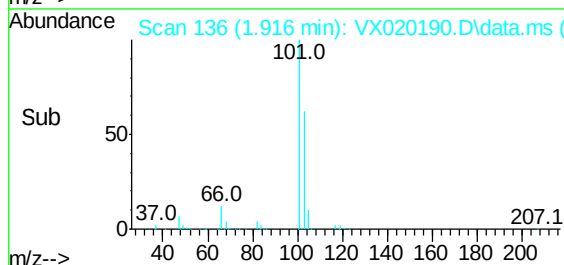
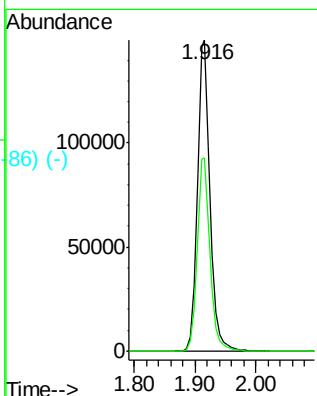
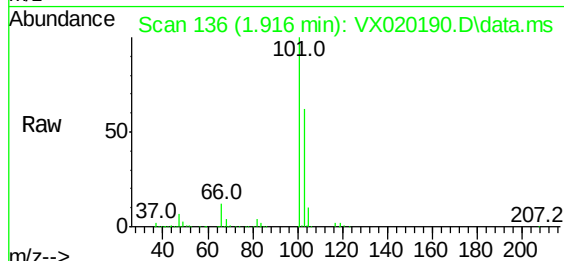
Trichlorofluoromethane
Concen: 51.74 ug/l
RT: 1.916 min Scan# 136
Delta R.T. 0.006 min
Lab File: VX020190.D
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Tgt Ion: 101 Resp: 220594
Ion Ratio Lower Upper
101 100
103 62.1 53.2 79.8

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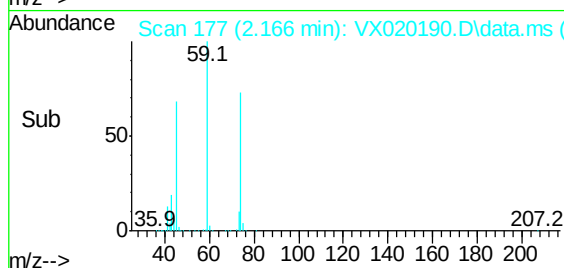
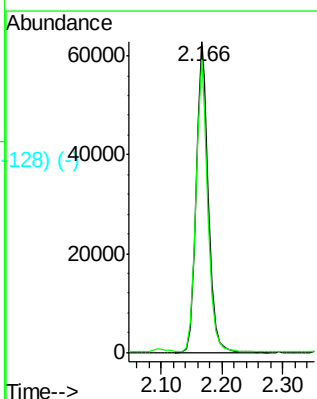
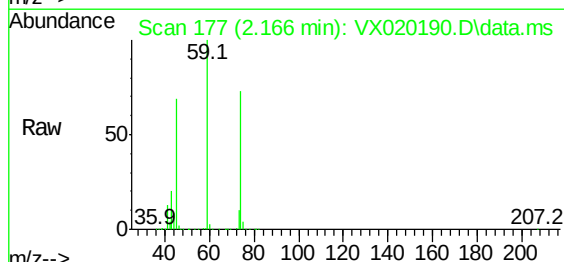
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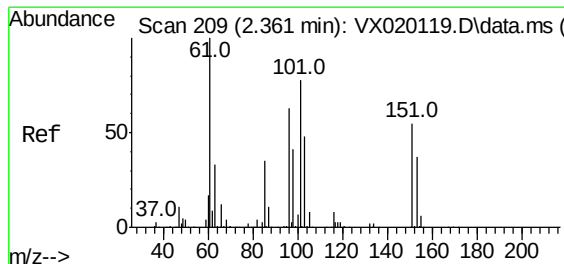
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Diethyl Ether
Concen: 48.27 ug/l
RT: 2.166 min Scan# 177
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 74 Resp: 89562
Ion Ratio Lower Upper
74 100
45 92.7 44.5 133.5





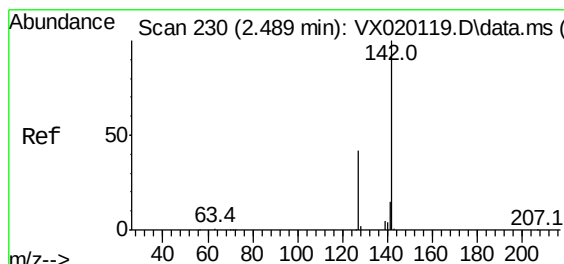
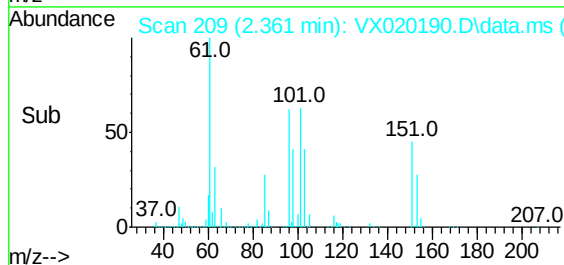
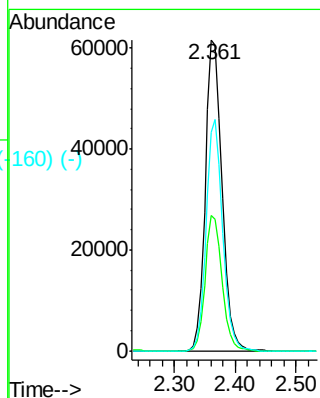
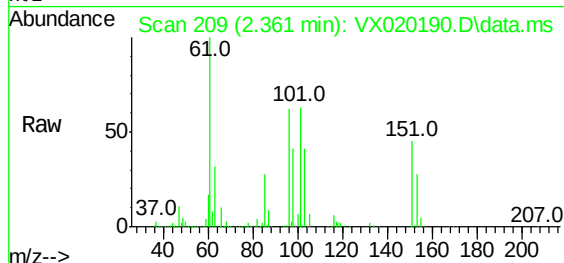
1,1,2-Trichlorotrifluoroethane
Concen: 48.82 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.000 min
Lab File: VX020190.D
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Tgt Ion:101 Resp: 117771
Ion Ratio Lower Upper
101 100
85 44.0 34.9 52.3
151 73.0 61.4 92.2

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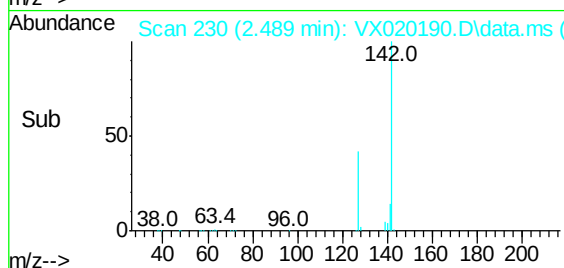
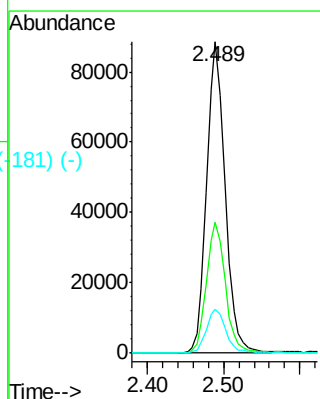
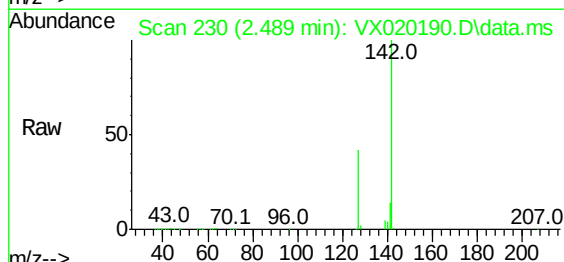
Manual Integrations
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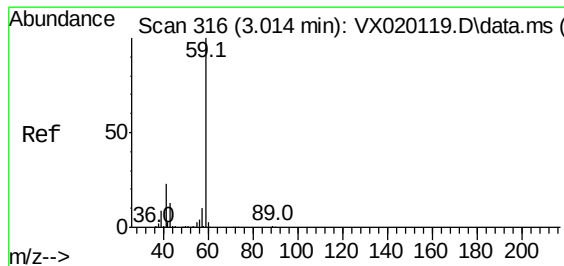
MMDadoda
12/21/2020 3:56:55 PM



Methyl Iodide
Concen: 45.70 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:142 Resp: 147618
Ion Ratio Lower Upper
142 100
127 42.7 33.3 49.9
141 14.2 11.4 17.0





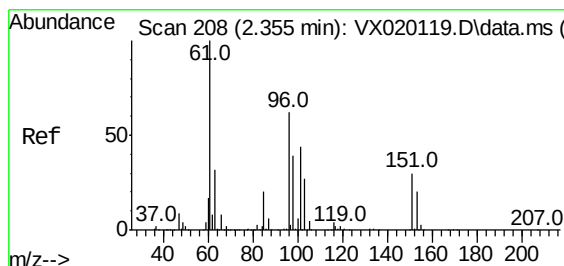
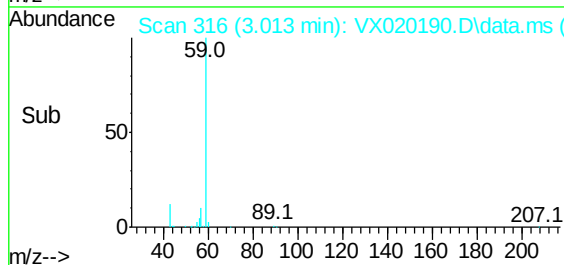
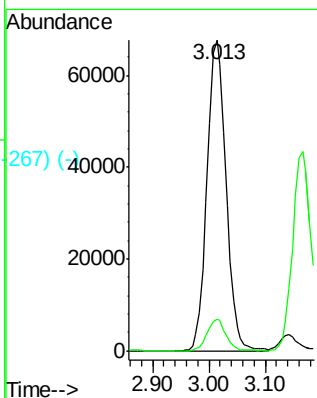
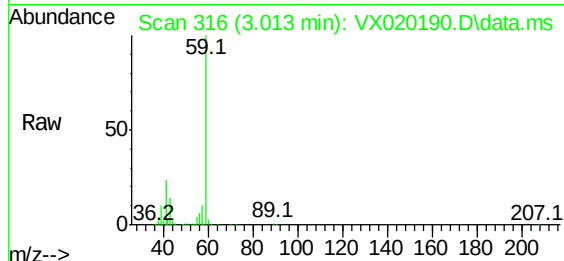
Tert butyl alcohol
 Concen: 217.07 ug/l
 RT: 3.013 min Scan# 316
 Delta R.T. -0.001 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Tgt Ion: 59 Resp: 157461
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.8

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MS

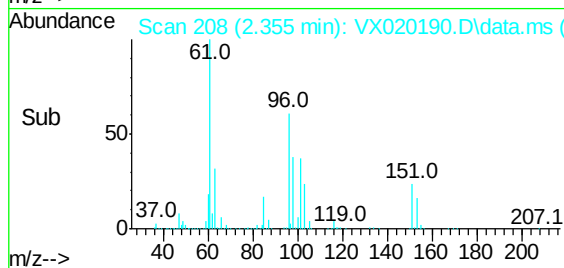
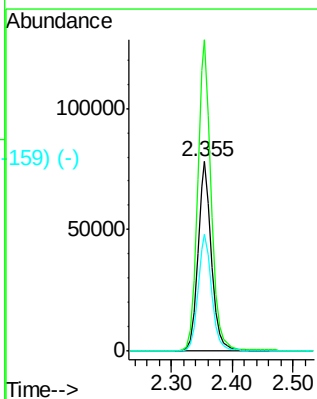
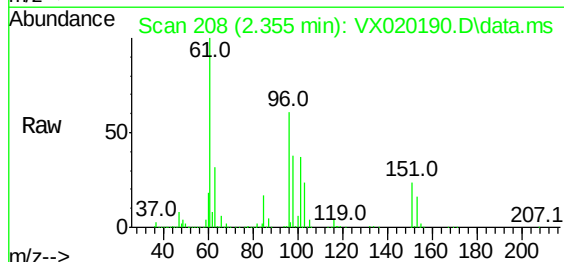
Manual Integrations
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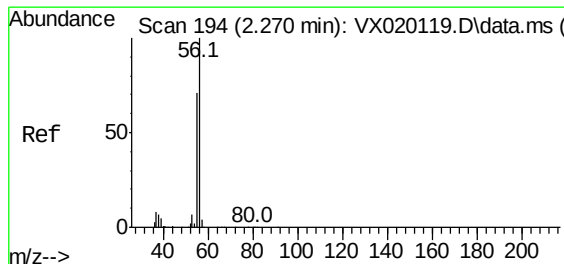
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 12/21/2020 3:56:55 PM



1,1-Dichloroethene
 Concen: 49.13 ug/l
 RT: 2.355 min Scan# 208
 Delta R.T. 0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Tgt Ion: 96 Resp: 121283
 Ion Ratio Lower Upper
 96 100
 61 164.4 124.6 187.0
 98 61.8 50.6 76.0





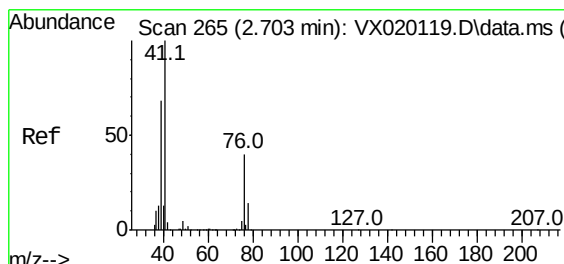
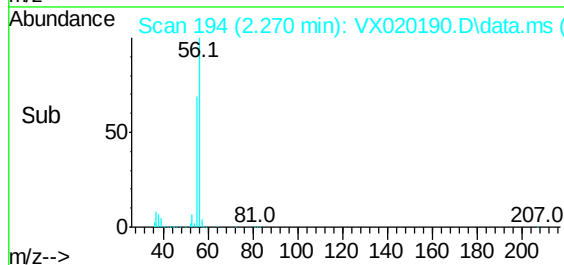
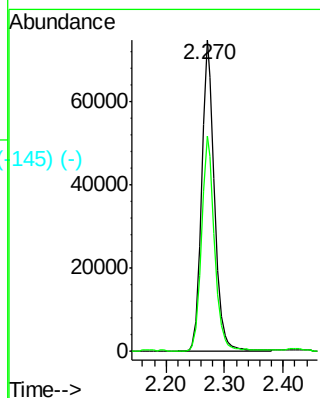
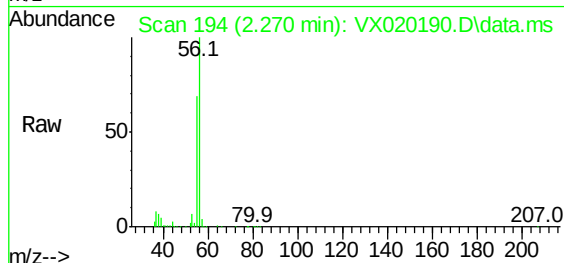
#183 (-)
Acrolein
Concen: 248.93 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 56 Resp: 112832
Ion Ratio Lower Upper
56 100
55 70.7 56.4 84.6

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

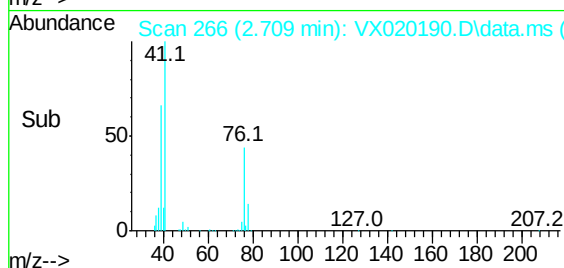
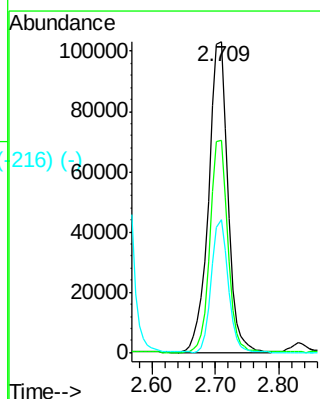
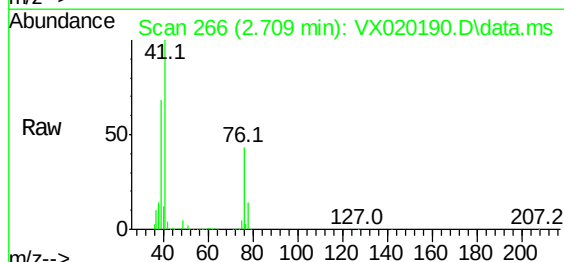
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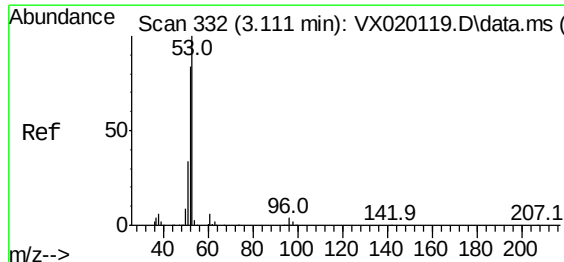
MMDadoda
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#250 (-)
Allyl chloride
Concen: 47.52 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 41 Resp: 208182
Ion Ratio Lower Upper
41 100
39 62.7 51.6 77.4
76 37.3 30.5 45.7





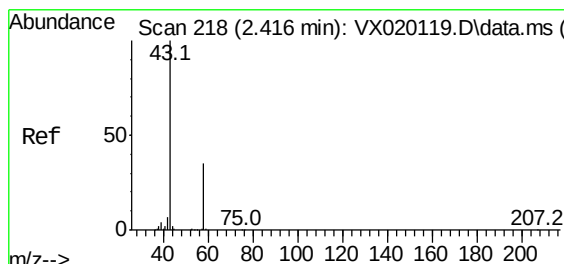
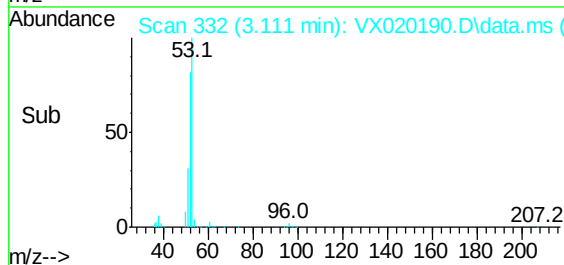
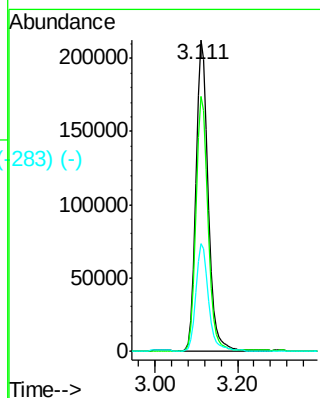
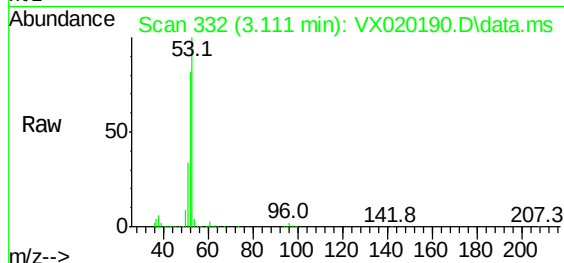
#15 (-)
Acrylonitrile
Concen: 256.03 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 53 Resp: 427272
Ion Ratio Lower Upper
53 100
52 81.2 65.3 97.9
51 35.4 28.2 42.2

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

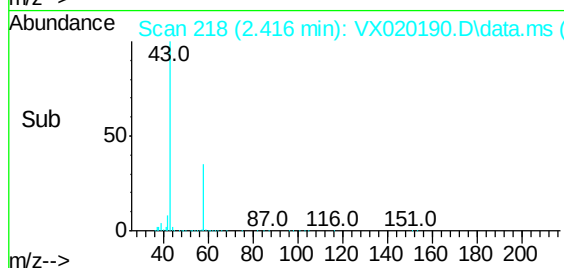
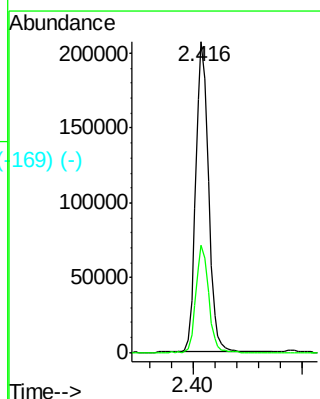
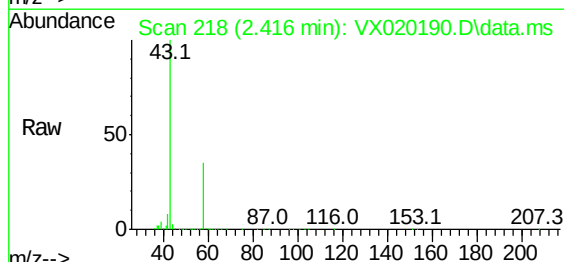
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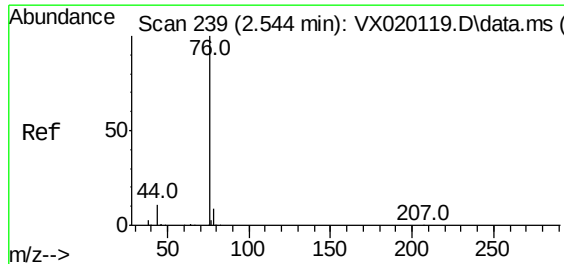
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#16 (-)
Acetone
Concen: 228.53 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 43 Resp: 337574
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.8





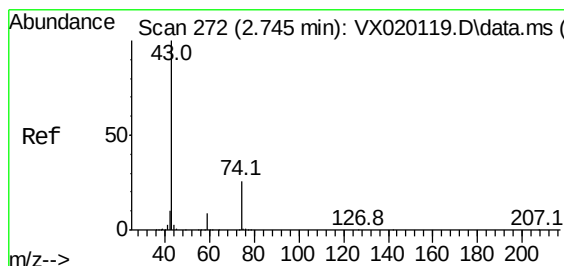
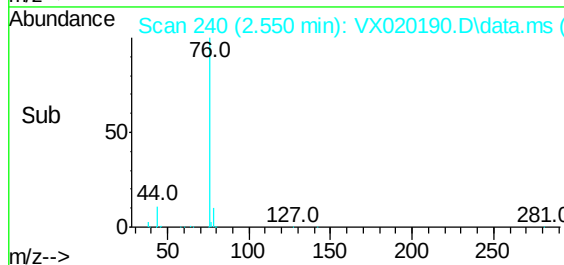
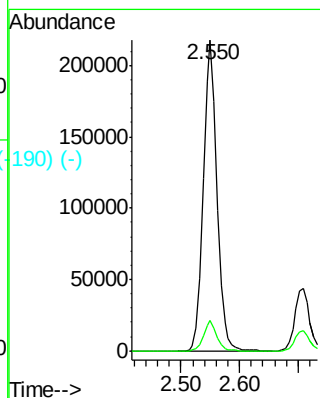
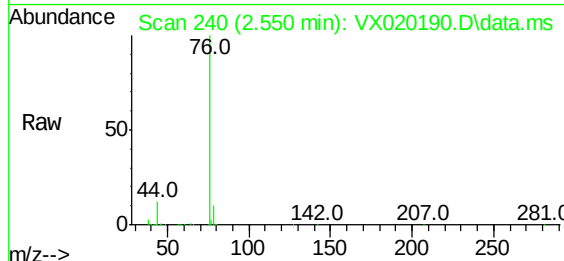
Scan 239 (2.544 min): VX020119.D\data.ms (-239) (-)
 Carbon Disulfide
 Concen: 48.02 ug/l
 RT: 2.550 min Scan# 240
 Delta R.T. 0.006 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Tgt Ion: 76 Resp: 350155
 Ion Ratio Lower Upper
 76 100
 78 9.6 7.2 10.8

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MS

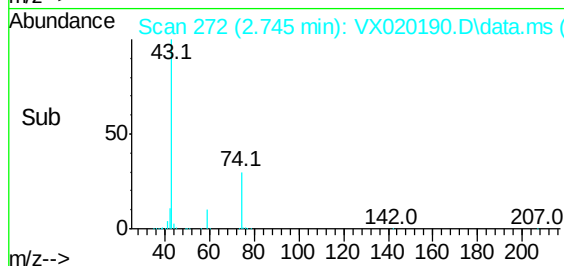
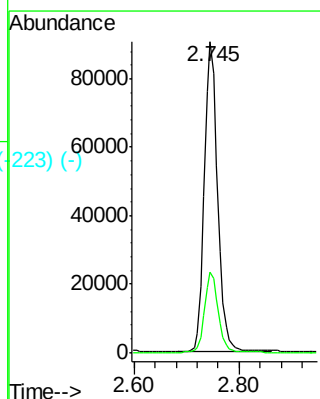
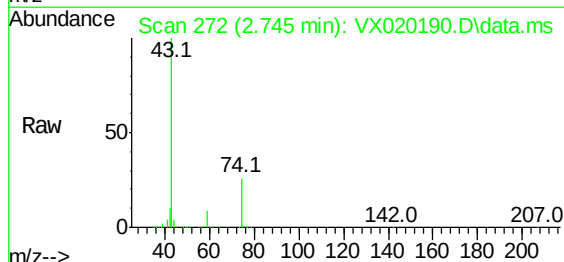
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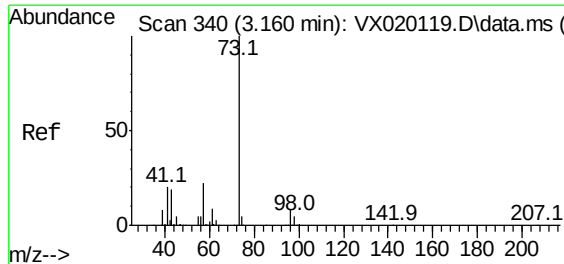
MMDadoda
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Scan 272 (2.745 min): VX020119.D\data.ms (-272) (-)
 Methyl Acetate
 Concen: 48.58 ug/l
 RT: 2.745 min Scan# 272
 Delta R.T. 0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

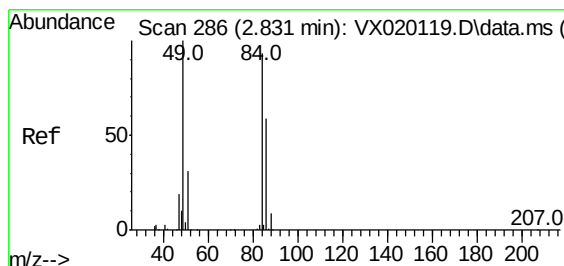
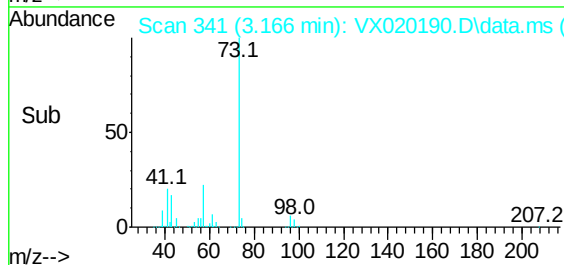
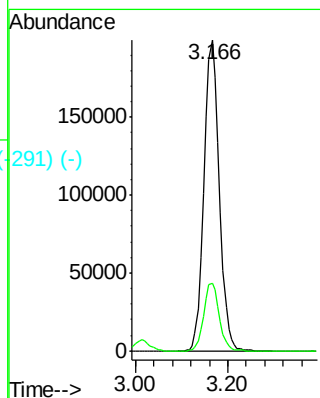
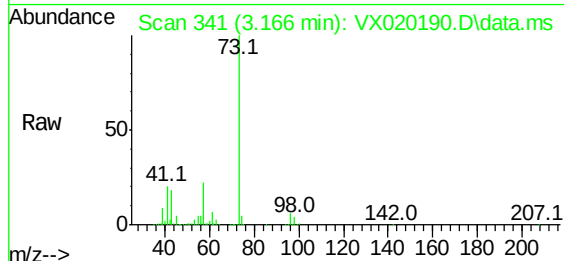
Tgt Ion: 43 Resp: 160056
 Ion Ratio Lower Upper
 43 100
 74 26.5 21.9 32.9





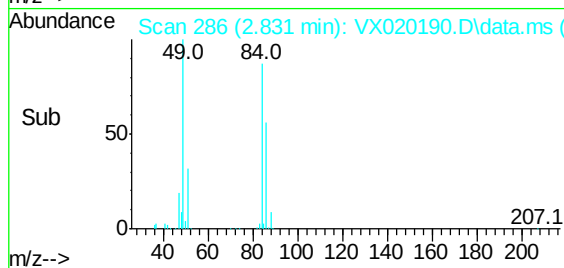
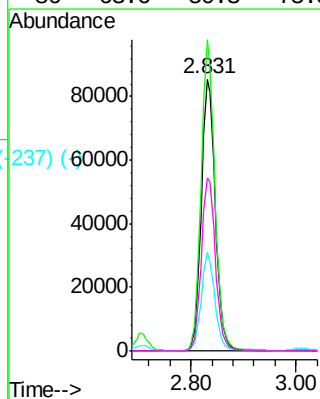
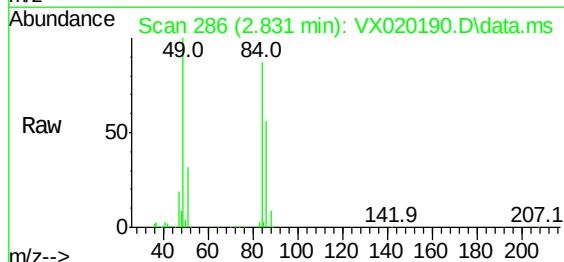
#329 (-)
Methyl tert-butyl Ether
Concen: 49.36 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 73 Resp: 456136
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7



#279 (-)
Methylene Chloride
Concen: 47.09 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

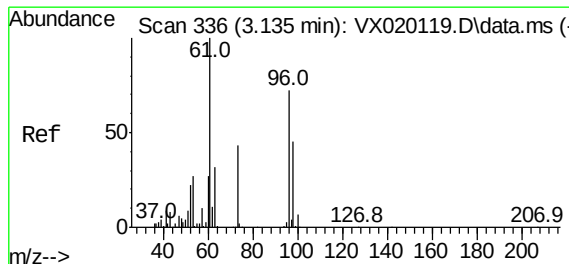
Tgt Ion: 84 Resp: 156827
Ion Ratio Lower Upper
84 100
49 114.4 88.6 132.8
51 36.1 27.0 40.6
86 63.6 50.3 75.5



Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

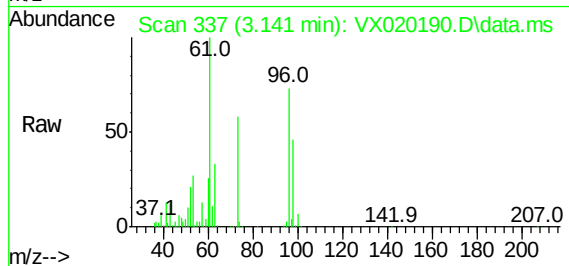
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#21 (-)
trans-1,2-Dichloroethene
Concen: 48.33 ug/l
RT: 3.141 min Scan# 337
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

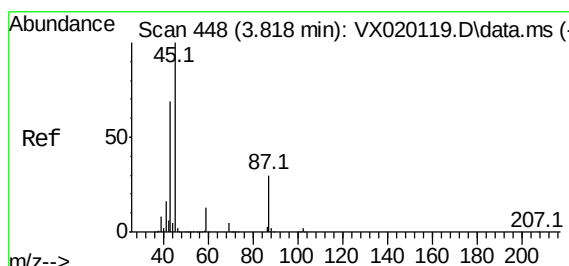
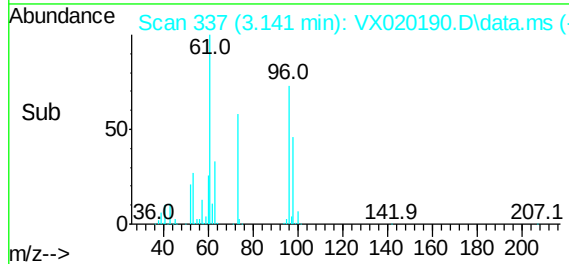
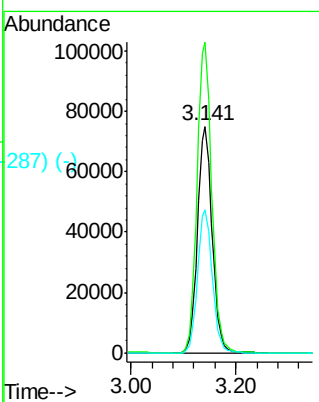
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS



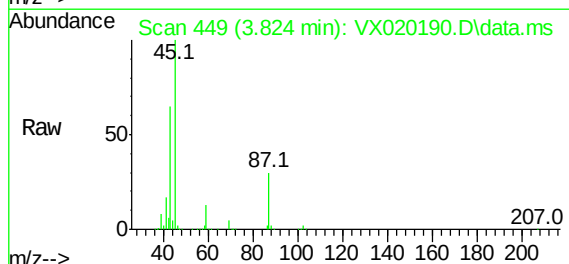
Tgt Ion: 96 Resp: 144770

Ion	Ratio	Lower	Upper
96	100		
61	137.3	107.7	161.5
98	63.3	50.4	75.6

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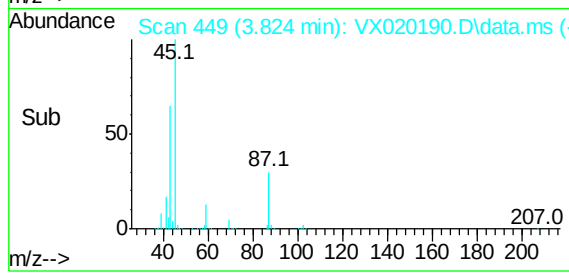
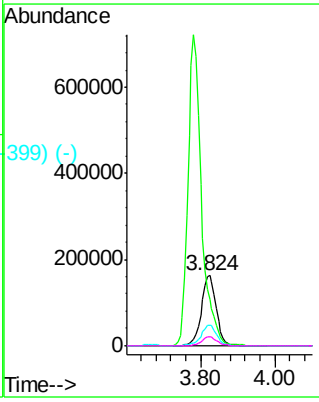


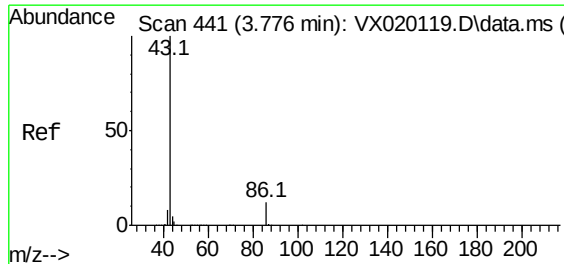
#22 (-)
Diisopropyl ether
Concen: 49.81 ug/l
RT: 3.824 min Scan# 449
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36



Tgt Ion: 45 Resp: 445397

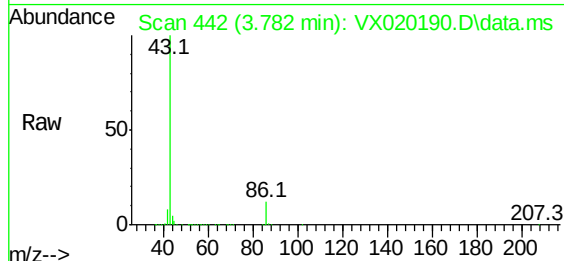
Ion	Ratio	Lower	Upper
45	100		
43	64.9	58.0	87.0
87	29.5	25.4	38.0
59	12.5	10.2	15.2





Scan 441 (3.776 min): VX020119.D\data.ms (-428) (-)
 Vinyl Acetate
 Concen: 237.06 ug/l
 RT: 3.782 min Scan# 442
 Delta R.T. 0.006 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

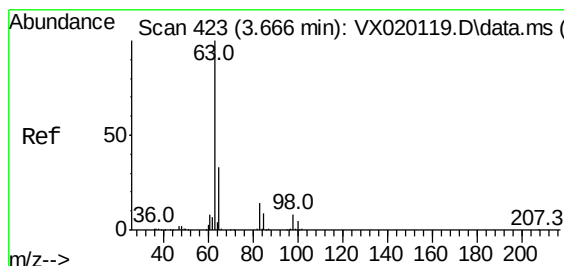
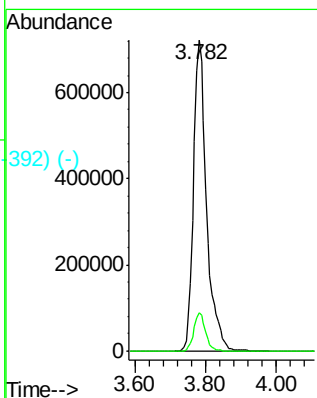
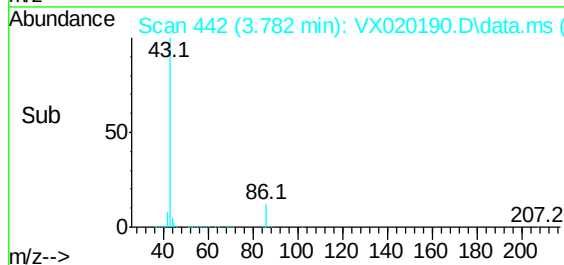
Instrument :
 MSVOA_X
ClientSampleId :
 49-IW5677-121220MS



Tgt Ion: 43 Resp: 1806779
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.9 14.9

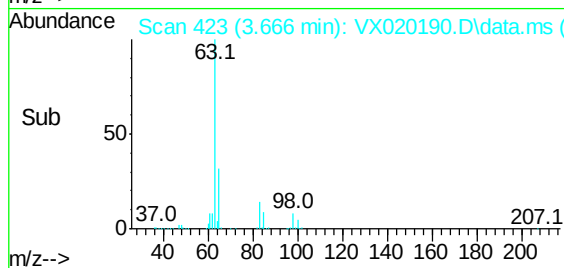
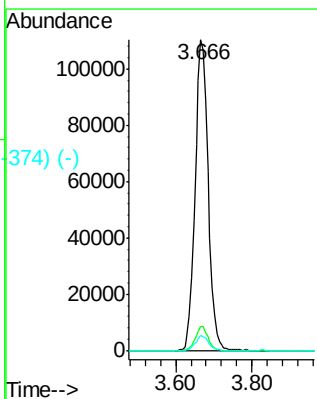
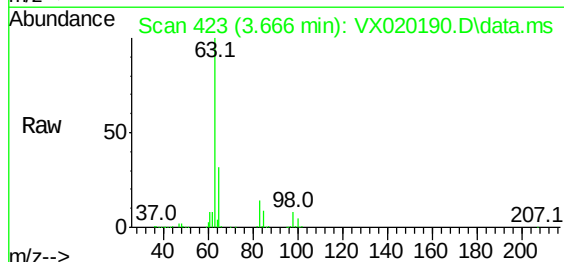
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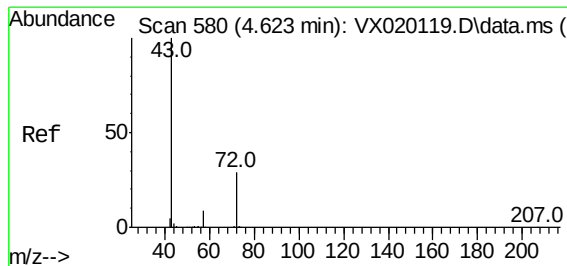
MMDadoda
 12/21/2020 3:56:55 PM



Scan 423 (3.666 min): VX020119.D\data.ms (-424) (-)
 1,1-Dichloroethane
 Concen: 49.89 ug/l
 RT: 3.666 min Scan# 423
 Delta R.T. -0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Tgt Ion: 63 Resp: 262722
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 5.0 2.5 7.5



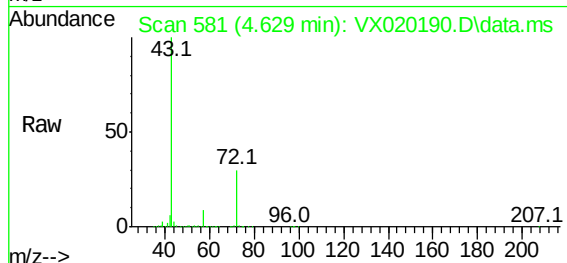


2-Butanone
Concen: 250.36 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

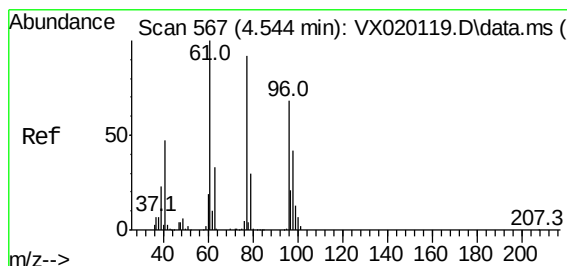
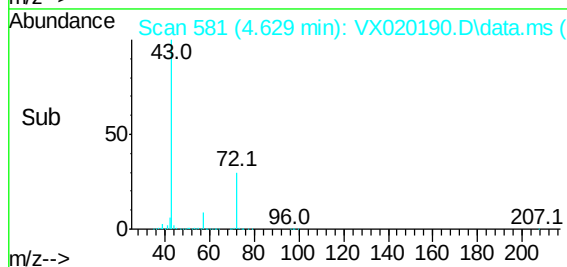
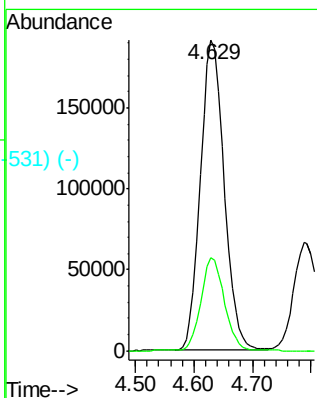
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

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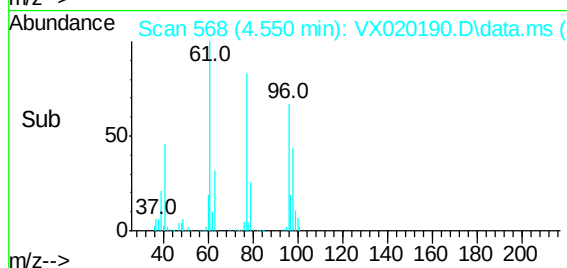
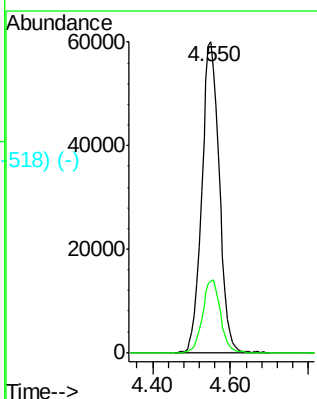
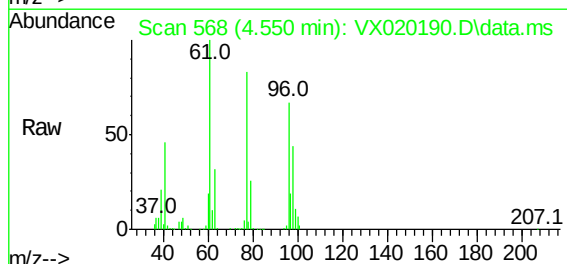


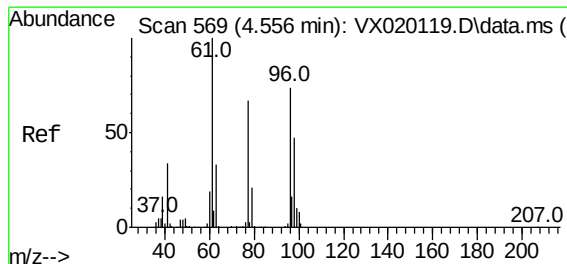
Tgt Ion: 43 Resp: 538255
Ion Ratio Lower Upper
43 100
72 29.9 23.7 35.5



2,2-Dichloropropane
Concen: 42.68 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 77 Resp: 185473
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.1





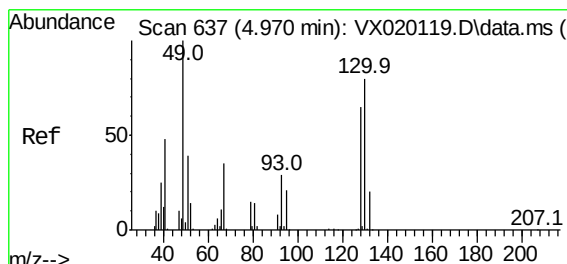
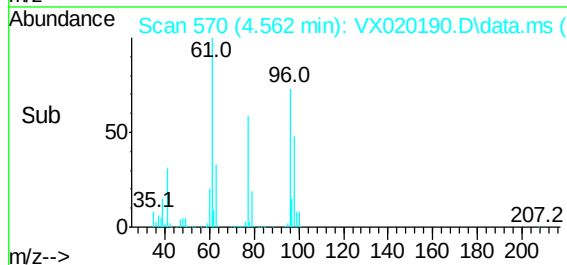
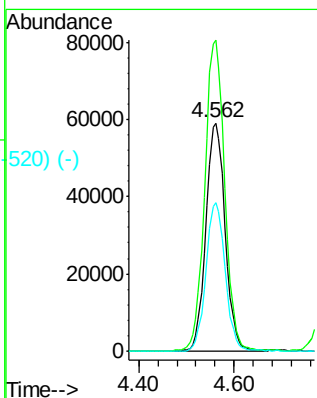
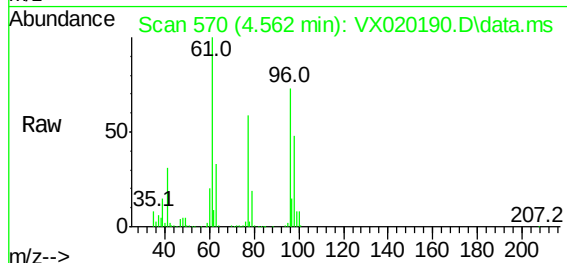
cis-1,2-Dichloroethene
Concen: 48.39 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 96 Resp: 163579
Ion Ratio Lower Upper
96 100
61 141.3 0.0 285.6
98 65.1 0.0 129.6

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

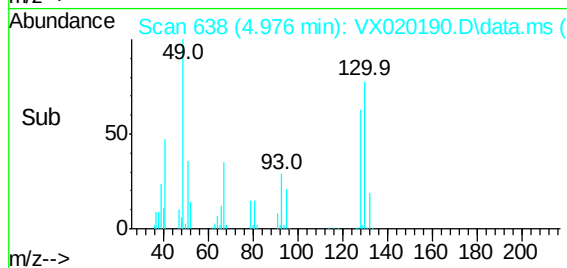
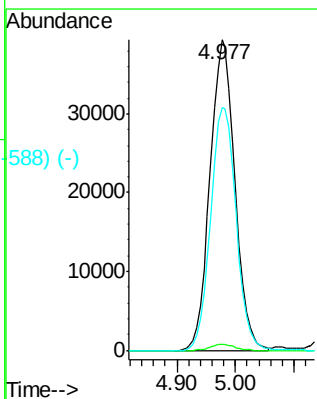
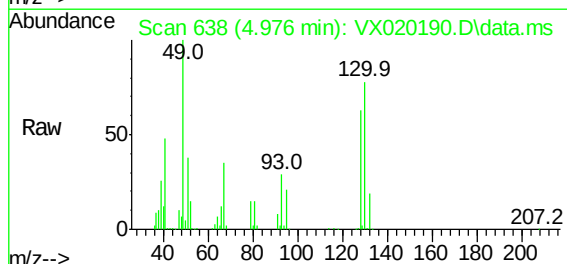
Manual Integrations
APPROVED

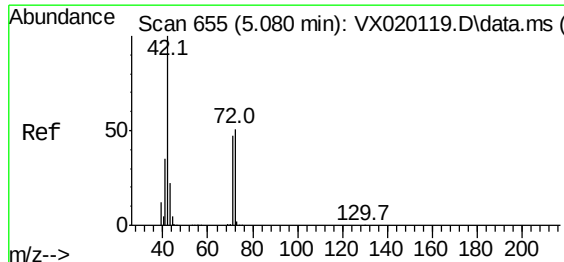
MMDadoda
12/21/2020 3:56:55 PM



Bromochloromethane
Concen: 49.60 ug/l
RT: 4.976 min Scan# 638
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 49 Resp: 116346
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 80.3 68.2 102.2





#49 (-)
Tetrahydrofuran
Concen: 260.54 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

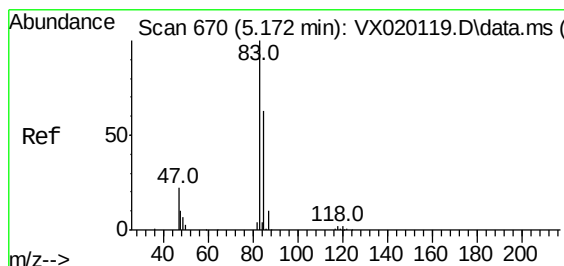
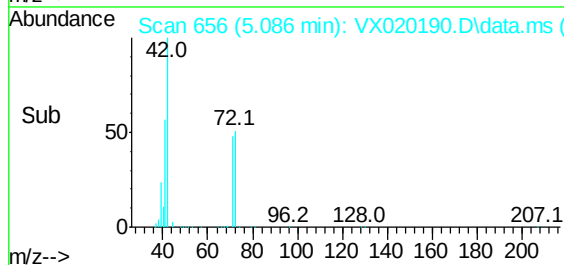
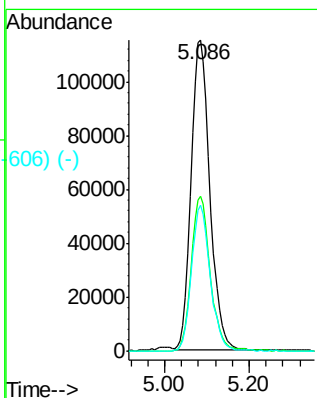
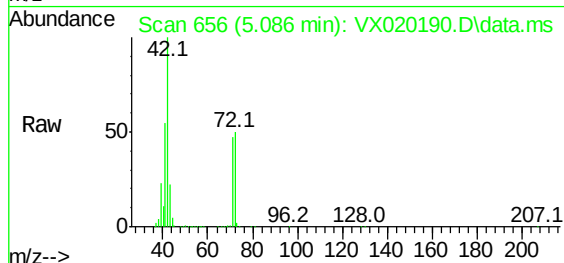
Tgt Ion: 42 Resp: 352388

Ion	Ratio	Lower	Upper
42	100		
72	50.1	41.7	62.5
71	46.5	38.4	57.6

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

Manual Integrations
APPROVED

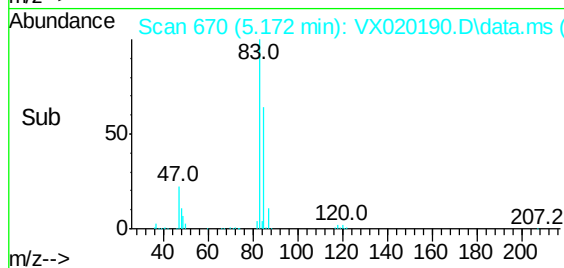
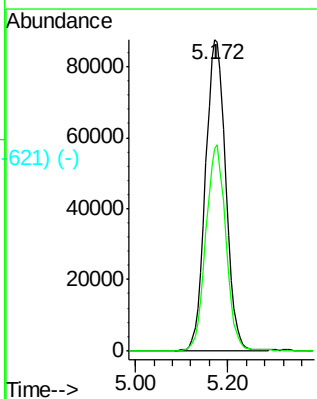
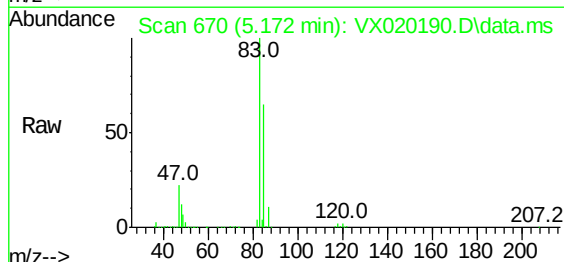
MMDadoda
12/21/2020 3:56:55 PM

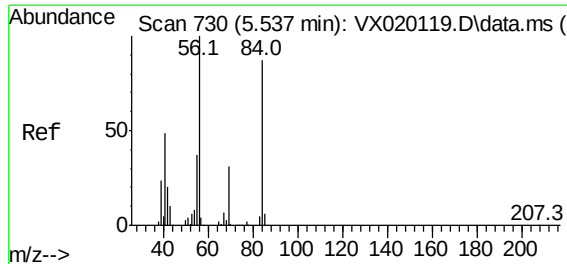


#50 (-)
Chloroform
Concen: 49.45 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 83 Resp: 265169

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.0	78.0





Cyclohexane
Concen: 50.83 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.013 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

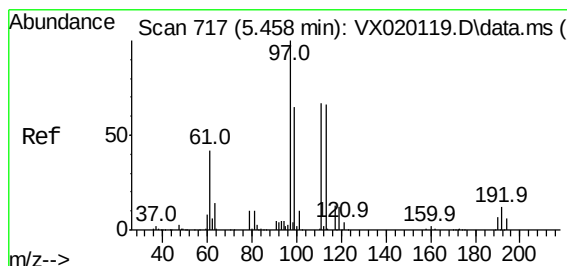
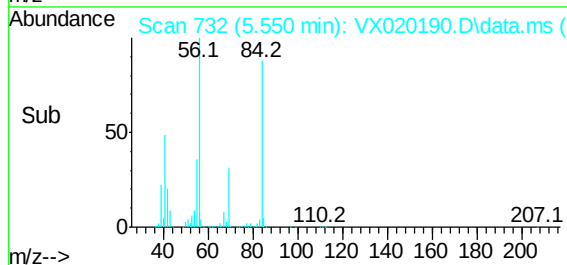
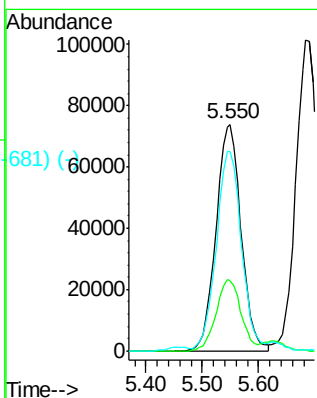
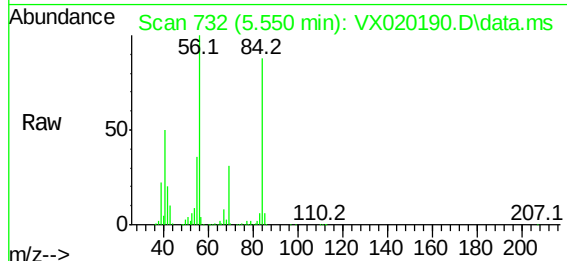
Tgt Ion: 56 Resp: 227039

Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.3	37.9
84	86.7	71.4	107.0

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

Manual Integrations
APPROVED

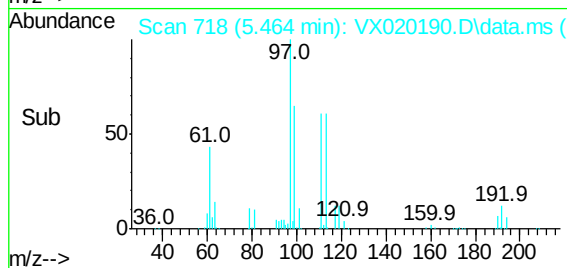
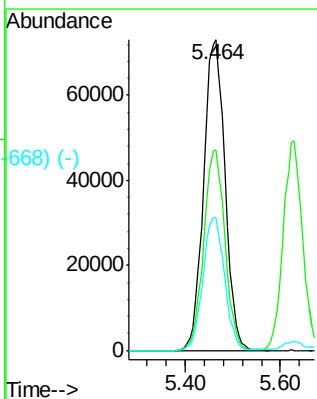
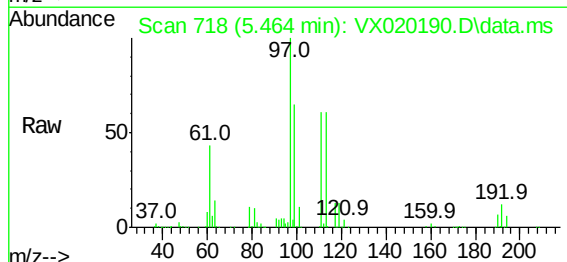
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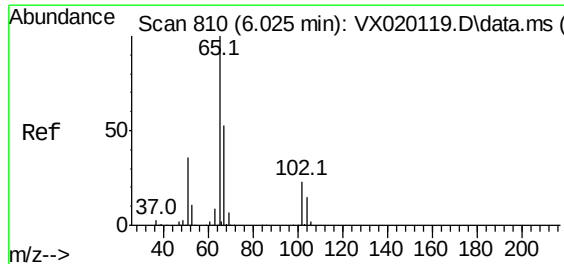


1,1,1-Trichloroethane
Concen: 50.60 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 97 Resp: 226257

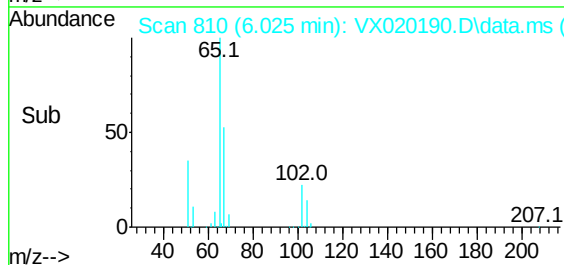
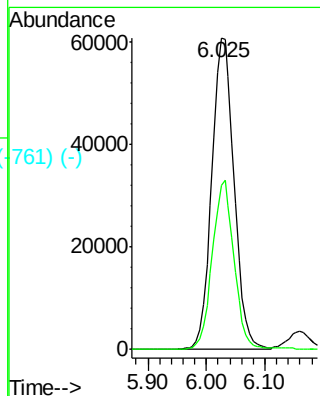
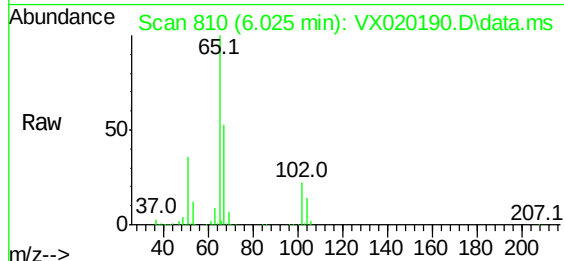
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.5	77.3
61	43.4	34.2	51.4





1,2-Dichloroethane-d4
Concen: 49.39 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

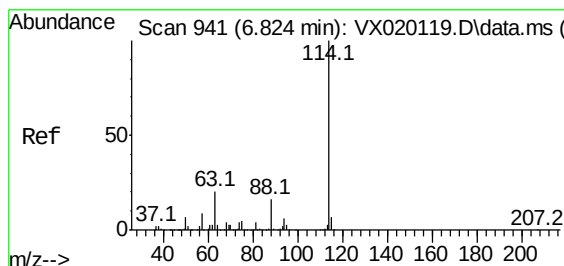
Tgt Ion: 65 Resp: 160001
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4



Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

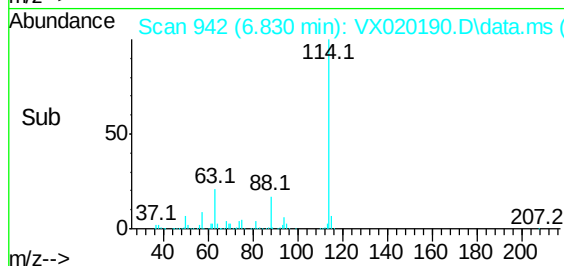
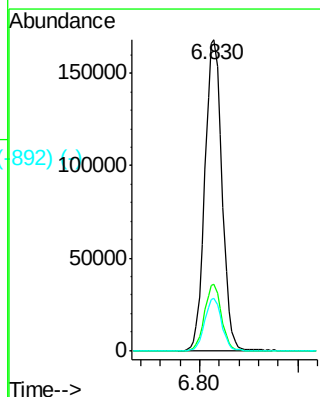
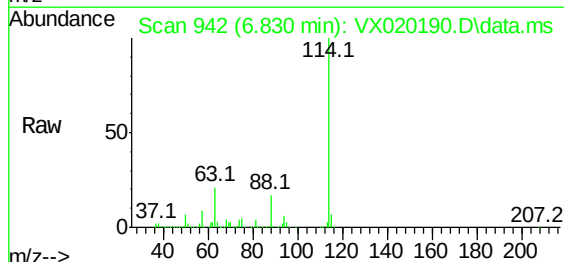
Manual Integrations
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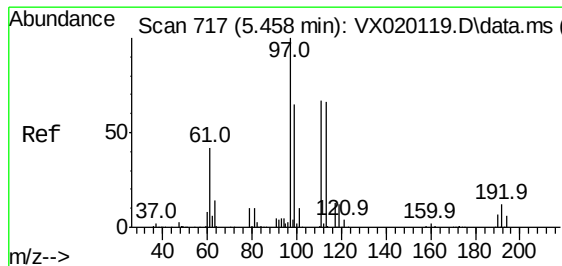
MMDadoda
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1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:114 Resp: 405470
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.8 0.0 32.8





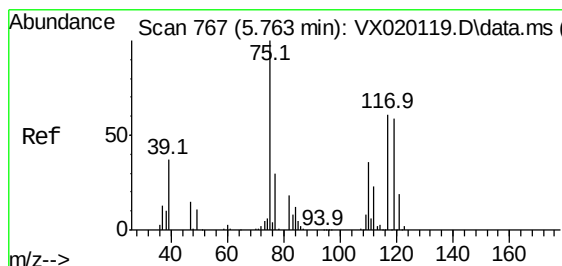
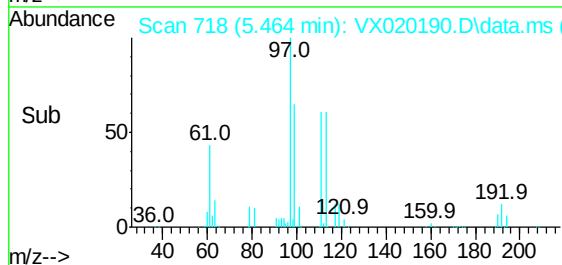
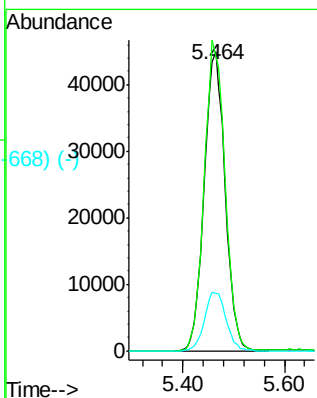
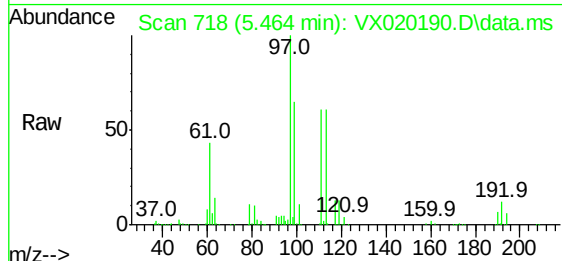
#765 (-)
Dibromofluoromethane
Concen: 49.24 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:	113	Resp:	127721
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.9	122.9
192	20.0	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

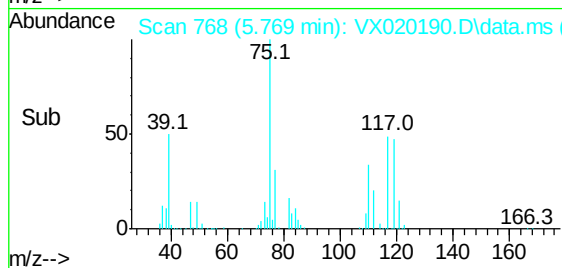
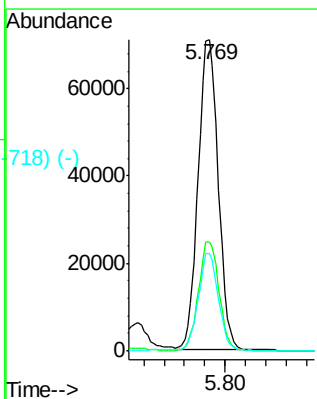
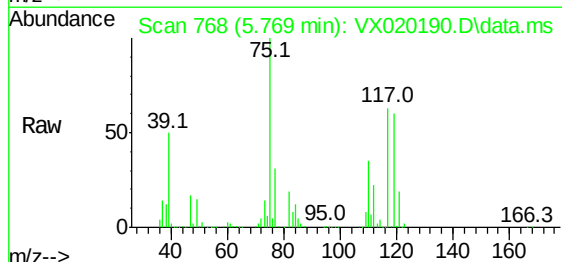
Manual Integrations
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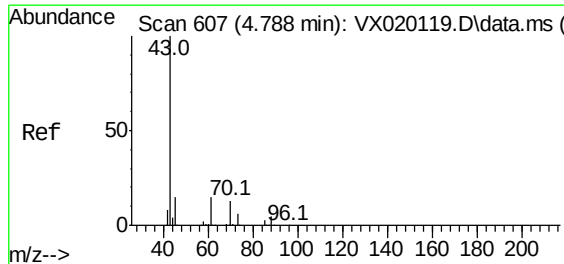
MMDadoda
12/21/2020 3:56:55 PM



#766 (-)
1,1-Dichloropropene
Concen: 48.79 ug/l
RT: 5.769 min Scan# 768
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:	75	Resp:	195511
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.1	54.4
77	31.0	25.3	37.9





Ethyl Acetate
Concen: 47.42 ug/l
RT: 4.787 min Scan# 607
Delta R.T. -0.001 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

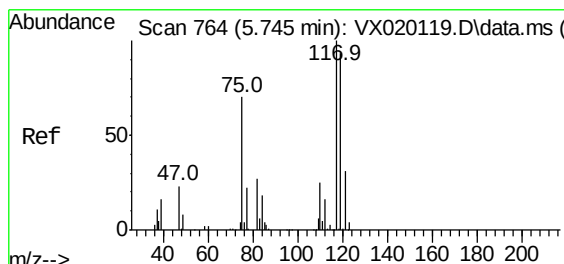
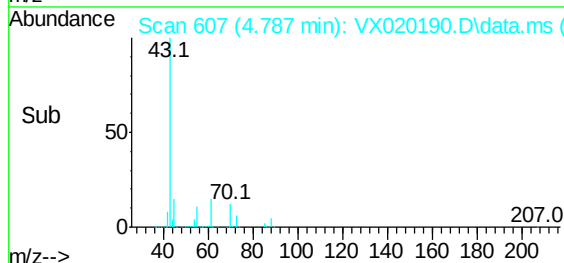
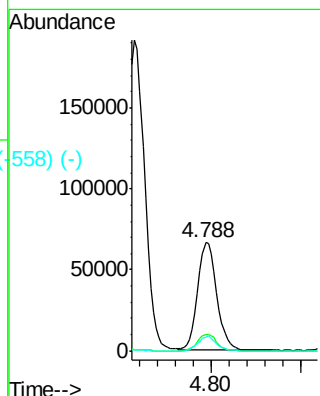
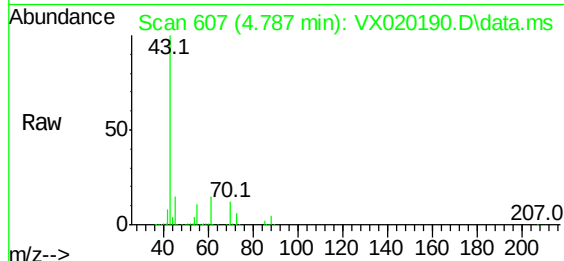
Tgt Ion: 43 Resp: 197460

Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.8	19.2
70	12.6	10.5	15.7

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

Manual Integrations
APPROVED

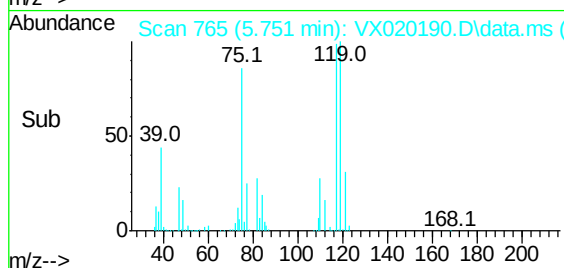
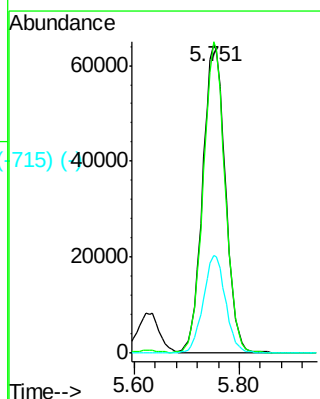
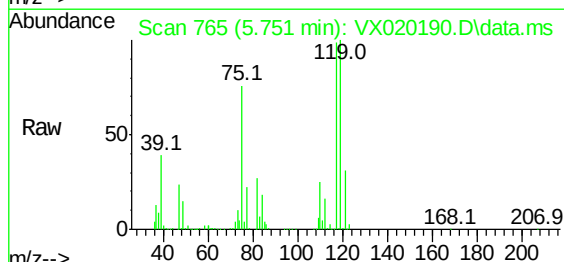
MMDadoda
12/21/2020 3:56:55 PM

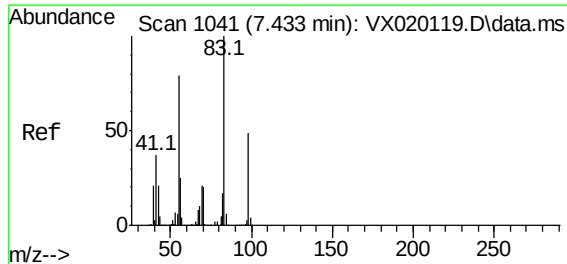


Carbon Tetrachloride
Concen: 50.24 ug/l
RT: 5.751 min Scan# 765
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:117 Resp: 191476

Ion	Ratio	Lower	Upper
117	100		
119	100.9	76.2	114.2
121	31.3	24.8	37.2





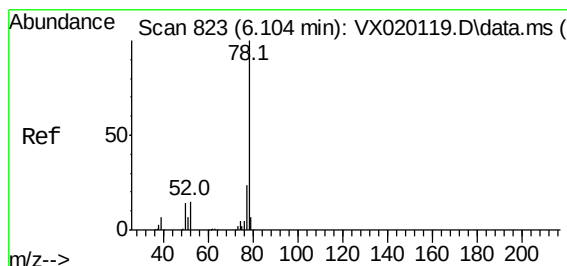
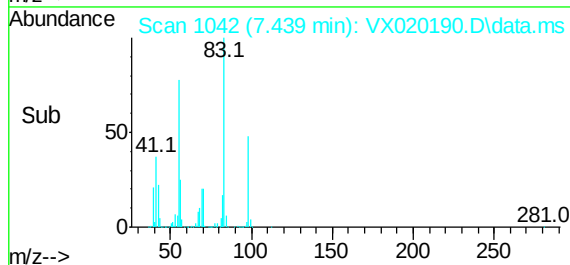
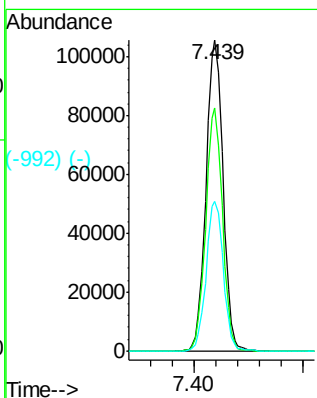
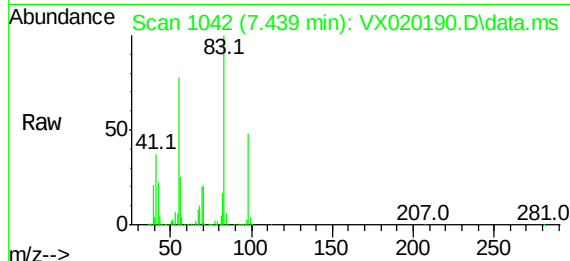
Methylcyclohexane
Concen: 49.14 ug/l
RT: 7.439 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 83 Resp: 227298
Ion Ratio Lower Upper
83 100
55 78.2 58.9 88.3
98 48.2 38.1 57.1

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

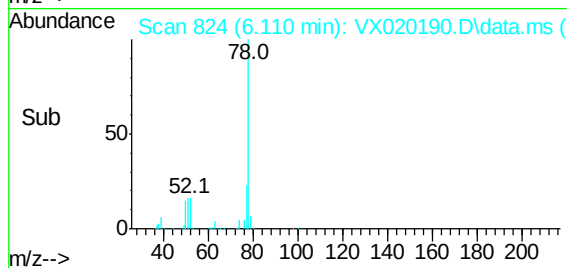
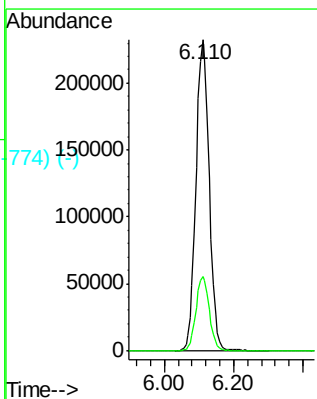
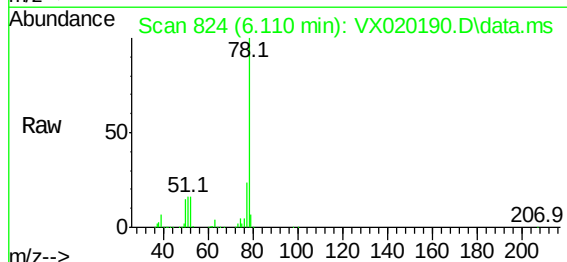
Manual Integrations
APPROVED

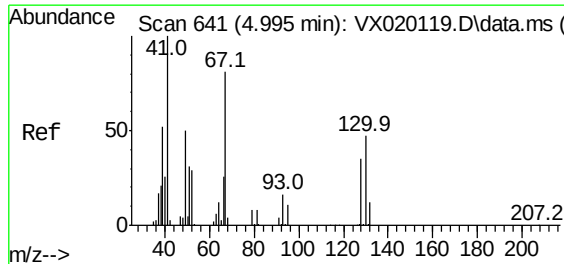
MMDadoda
12/21/2020 3:56:55 PM



Benzene
Concen: 48.81 ug/l
RT: 6.110 min Scan# 824
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 78 Resp: 608921
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3





#41 (-)
Methacrylonitrile
Concen: 50.95 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

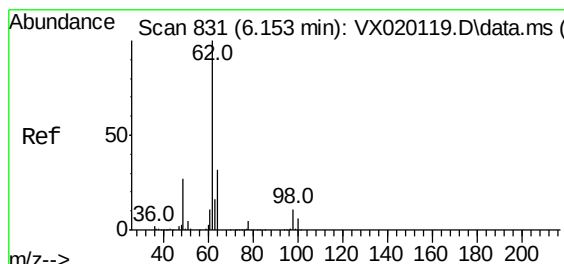
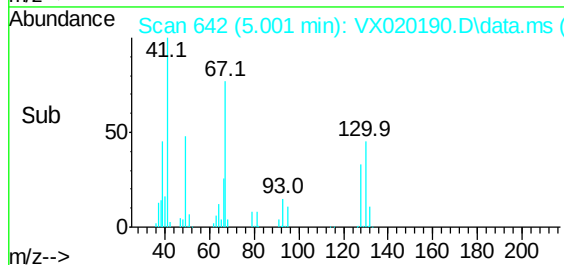
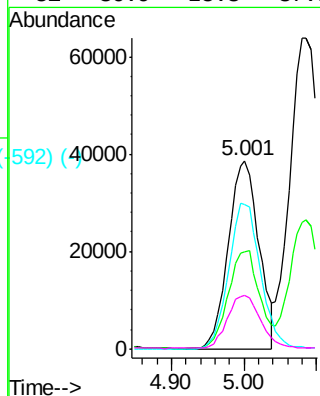
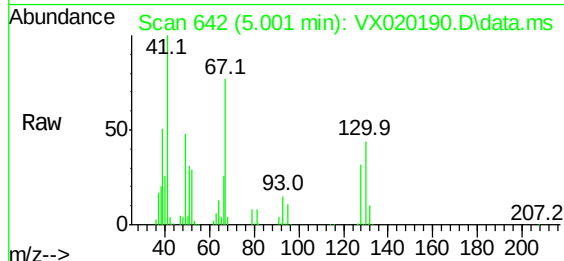
Tgt Ion: 41 Resp: 113053

Ion	Ratio	Lower	Upper
41	100		
39	54.6	42.5	63.7
67	81.3	65.0	97.6
52	30.9	25.3	37.9

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

Manual Integrations
APPROVED

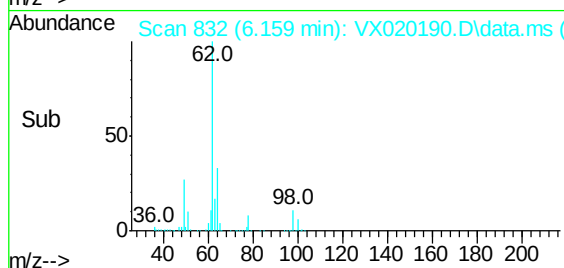
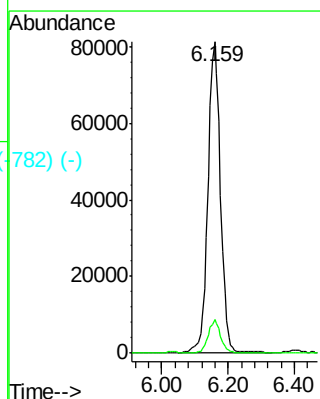
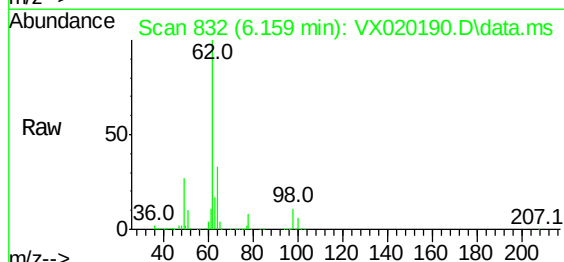
MMDadoda
12/21/2020 3:56:55 PM

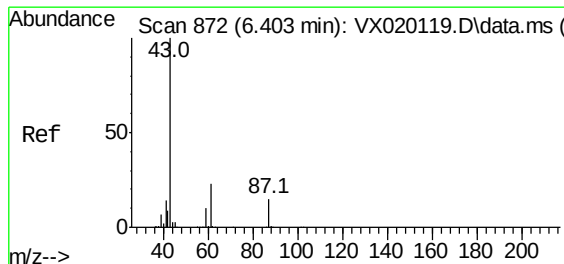


#42 (-)
1,2-Dichloroethane
Concen: 49.08 ug/l
RT: 6.159 min Scan# 832
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 62 Resp: 210027

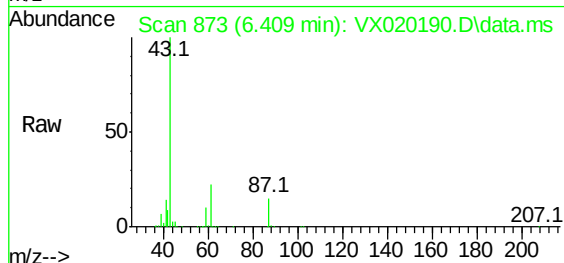
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





Isopropyl Acetate
Concen: 47.66 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

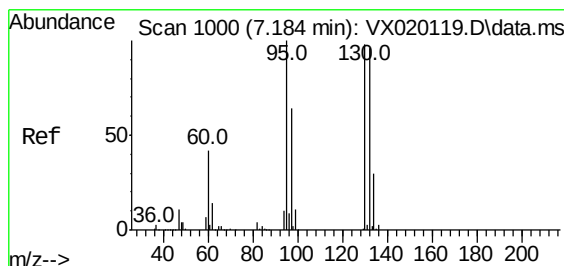
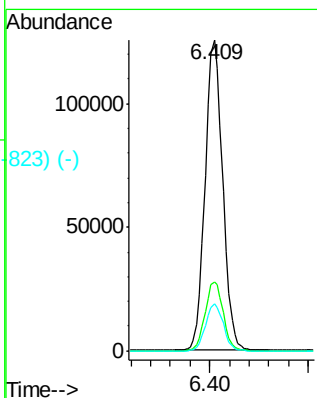
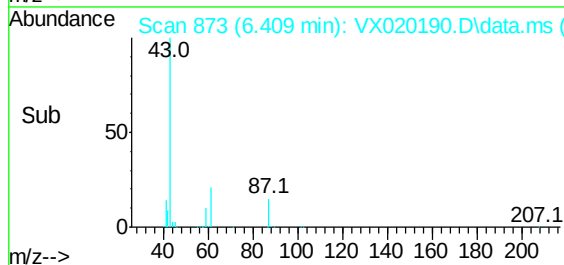
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS



Tgt Ion: 43 Resp: 313345
Ion Ratio Lower Upper
43 100
61 22.7 18.2 27.4
87 15.2 12.5 18.7

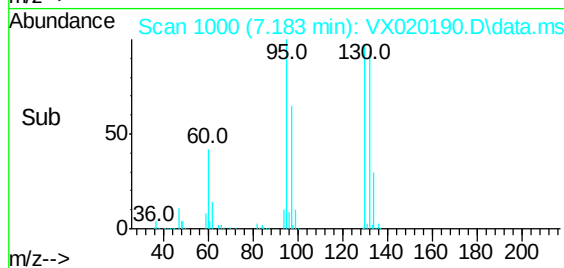
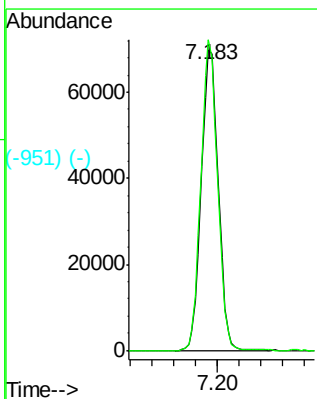
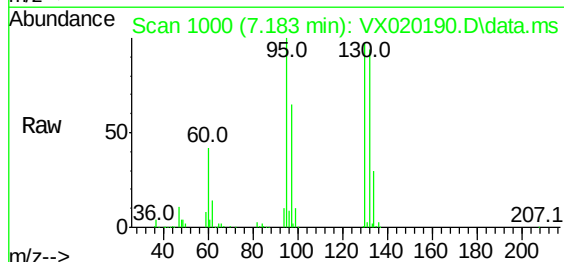
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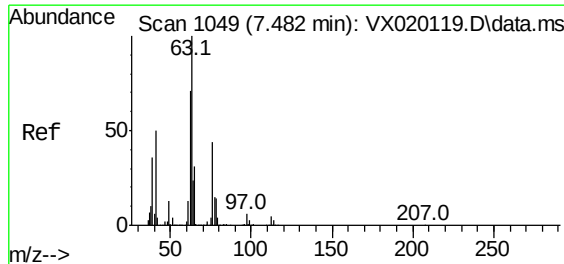
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Trichloroethene
Concen: 47.01 ug/l
RT: 7.183 min Scan# 1000
Delta R.T. -0.001 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:130 Resp: 151569
Ion Ratio Lower Upper
130 100
95 103.2 0.0 198.0



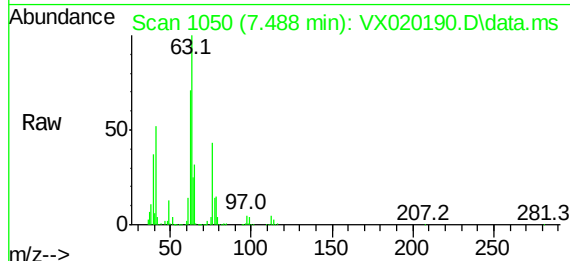


#453 (-)
1,2-Dichloropropane
Concen: 49.40 ug/l
RT: 7.488 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

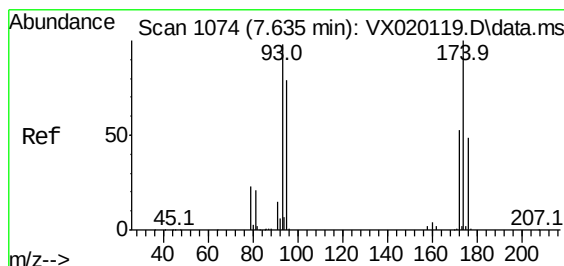
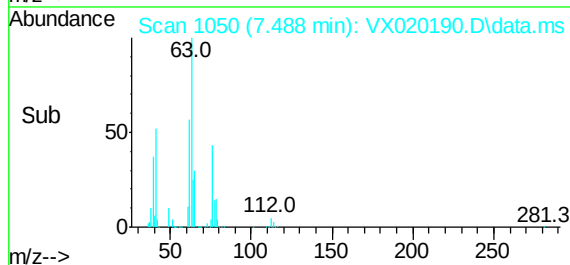
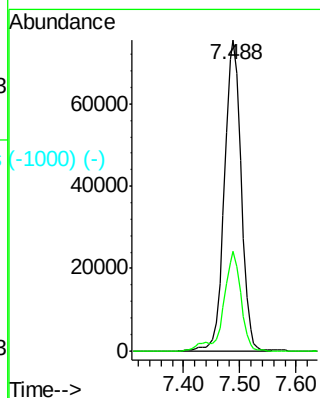
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

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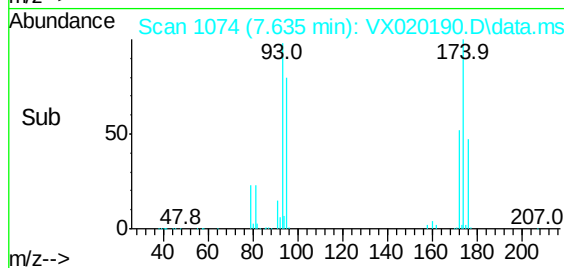
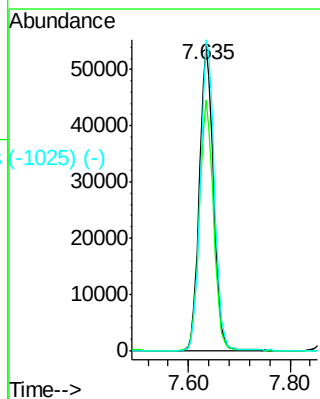
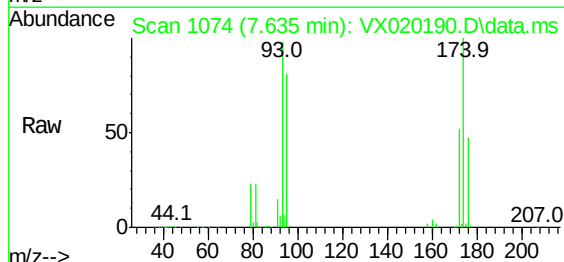


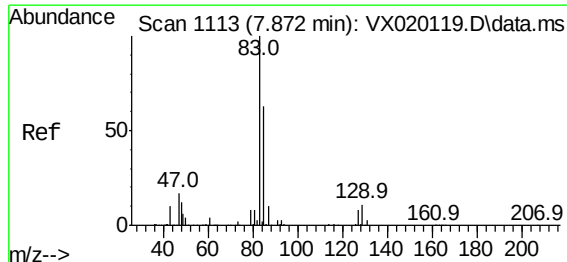
Tgt Ion: 63 Resp: 155742
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5



#464 (-)
Dibromomethane
Concen: 48.33 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 93 Resp: 104225
Ion Ratio Lower Upper
93 100
95 82.7 66.8 100.2
174 101.7 83.1 124.7



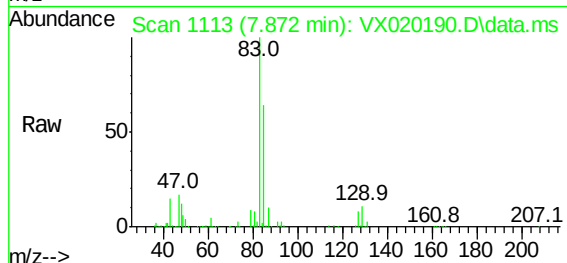


#473 (-)
Bromodichloromethane
Concen: 49.58 ug/l
RT: 7.872 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

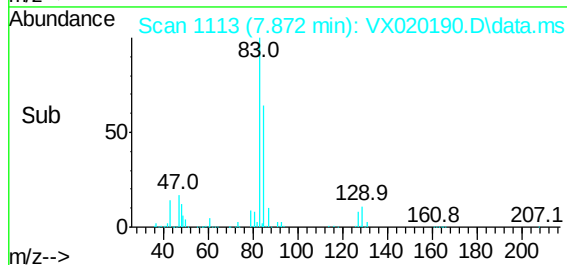
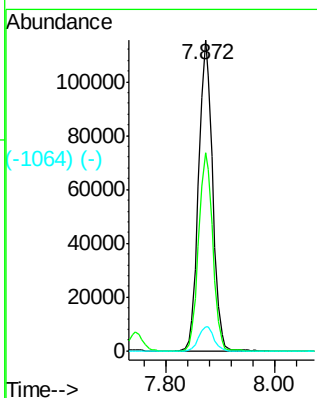
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

Manual Integrations
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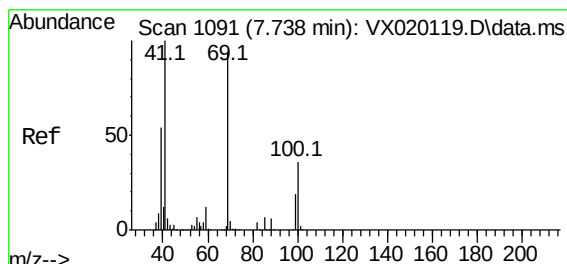
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Tgt Ion: 83 Resp: 203829
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.0
127 7.7 6.8 10.2

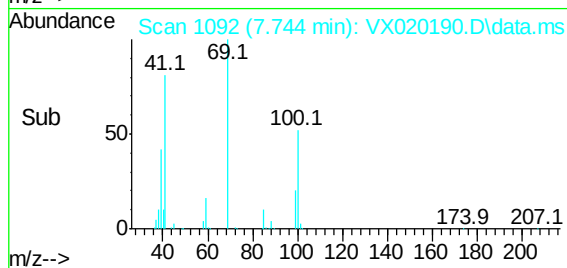
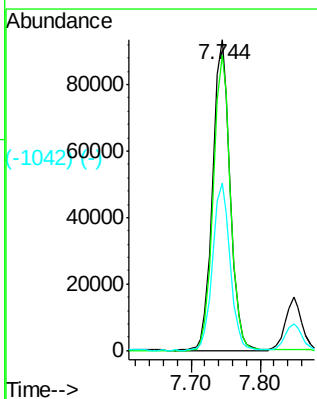
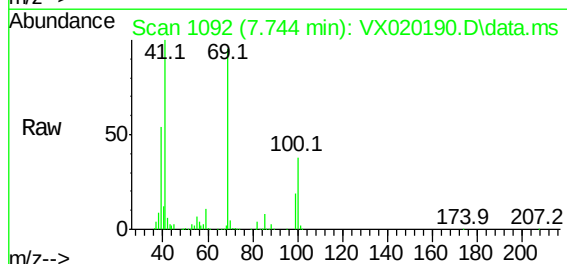


#1064 (-)

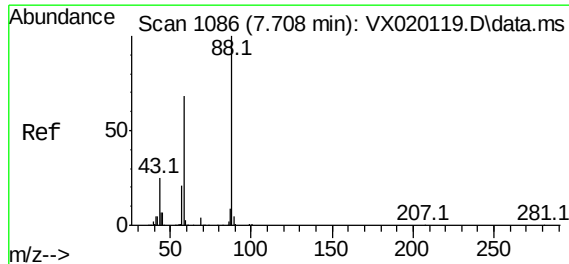


#480 (-)
Methyl methacrylate
Concen: 50.72 ug/l
RT: 7.744 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 41 Resp: 163416
Ion Ratio Lower Upper
41 100
69 94.3 76.0 114.0
39 54.1 44.6 67.0



#1042 (-)



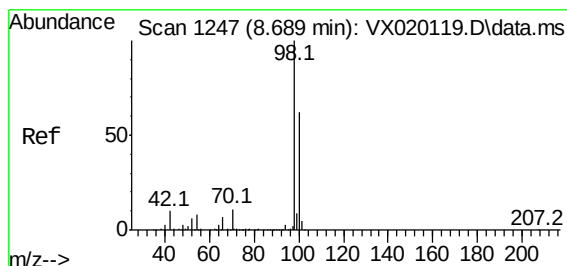
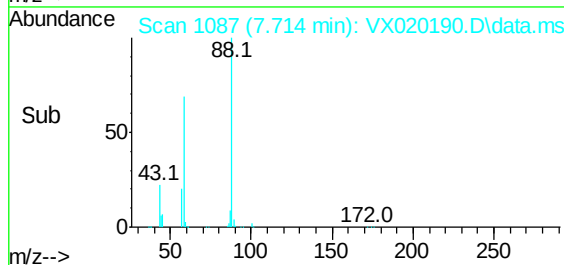
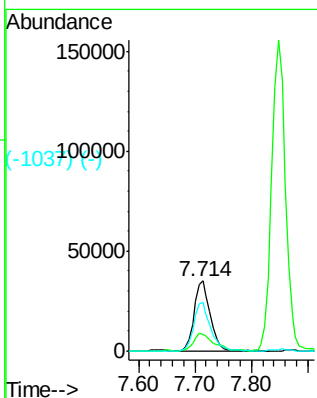
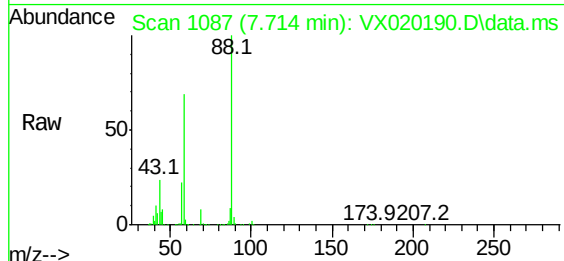
1,4-Dioxane
Concen: 905.87 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 88 Resp: 68317
Ion Ratio Lower Upper
88 100
43 30.4 23.2 34.8
58 71.5 55.0 82.4

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

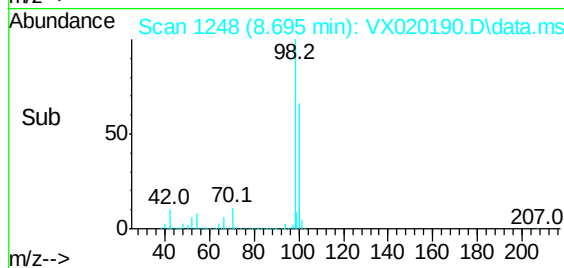
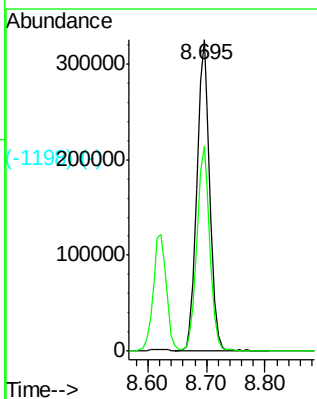
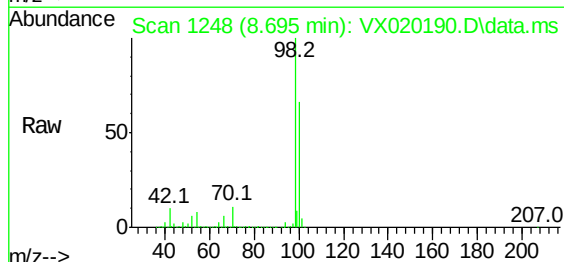
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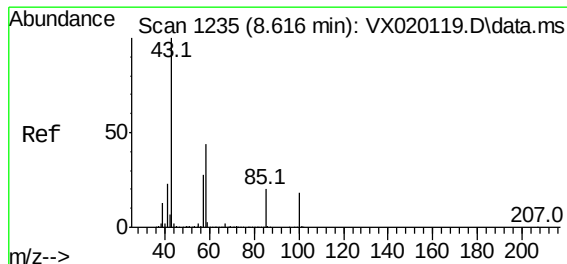
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To Luene-d8
Concen: 49.15 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 98 Resp: 490677
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



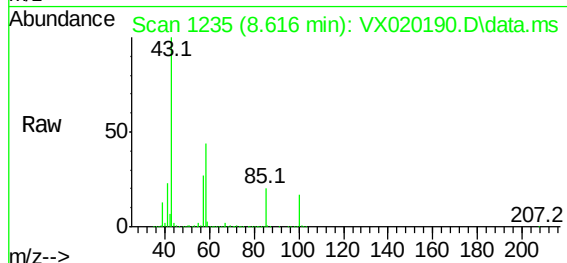


#526 (-)
4-Methyl-2-Pentanone
Concen: 261.65 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

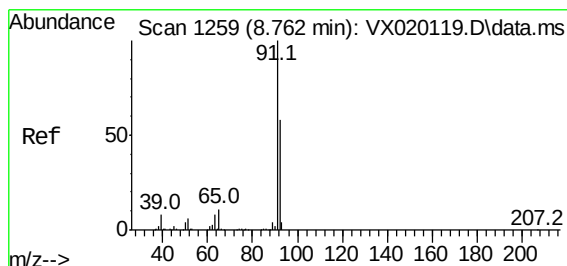
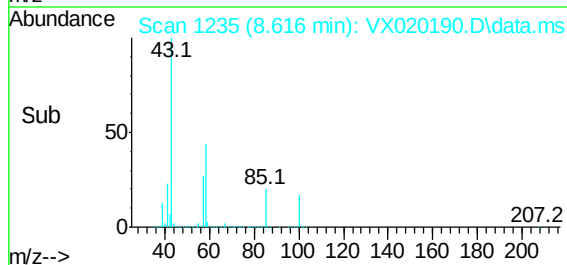
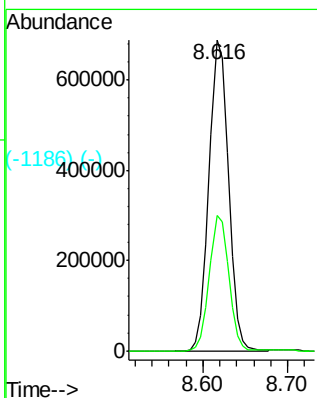
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

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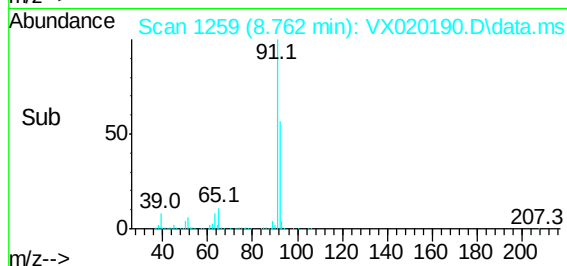
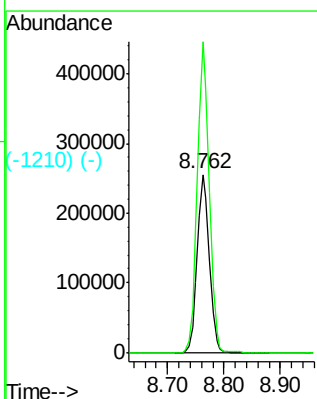
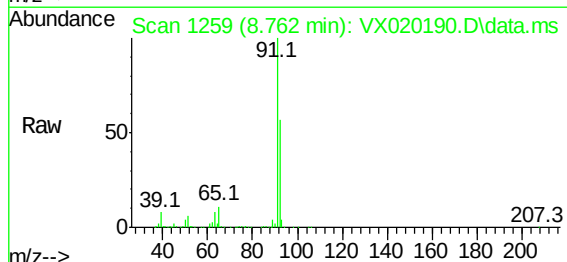


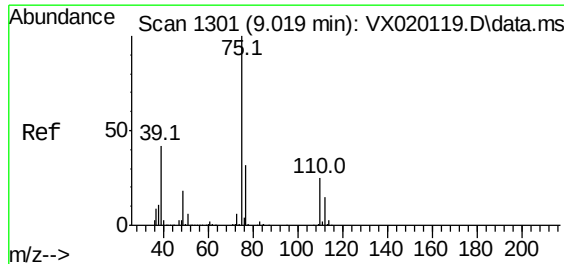
Tgt Ion: 43 Resp: 1064965
Ion Ratio Lower Upper
43 100
58 43.7 35.4 53.0



#527 (-)
To Luene
Concen: 49.64 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 92 Resp: 377871
Ion Ratio Lower Upper
92 100
91 172.4 137.1 205.7



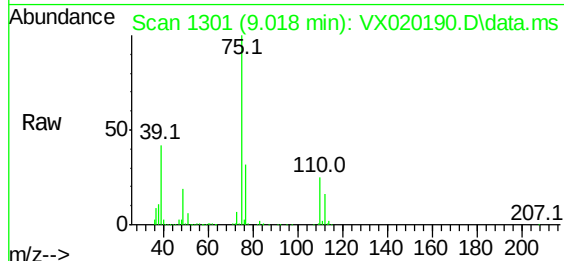


#593 (-)
t-1,3-Dichloropropene
Concen: 48.36 ug/l
RT: 9.018 min Scan# 1301
Delta R.T. -0.001 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

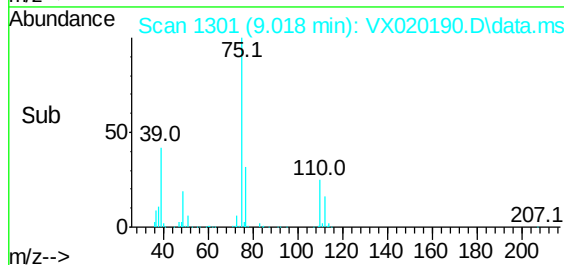
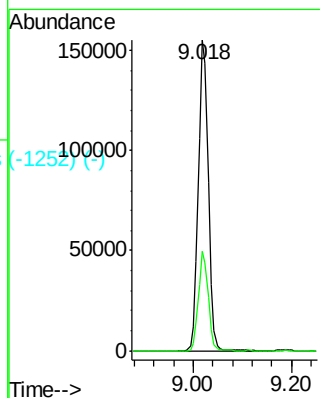
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

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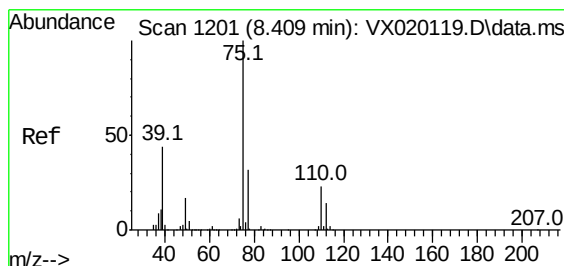
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Tgt Ion: 75 Resp: 218706
Ion Ratio Lower Upper
75 100
77 32.1 24.9 37.3

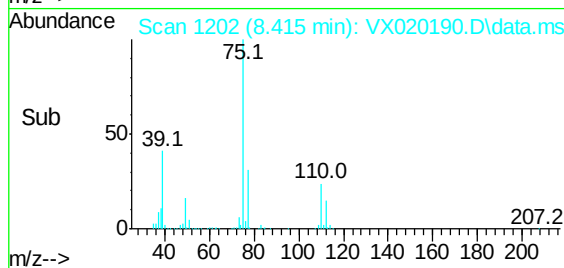
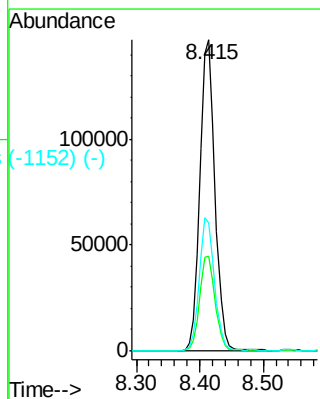
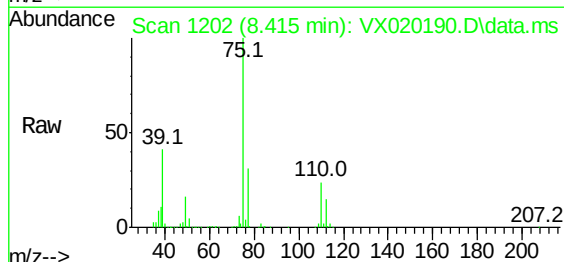


#1252 (-)

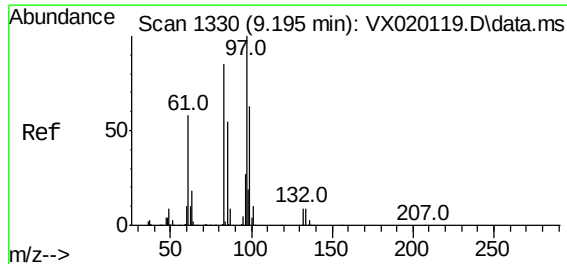


#594 (-)
cis-1,3-Dichloropropene
Concen: 47.66 ug/l
RT: 8.415 min Scan# 1202
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 75 Resp: 236613
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5
39 41.1 35.1 52.7



#1152 (-)



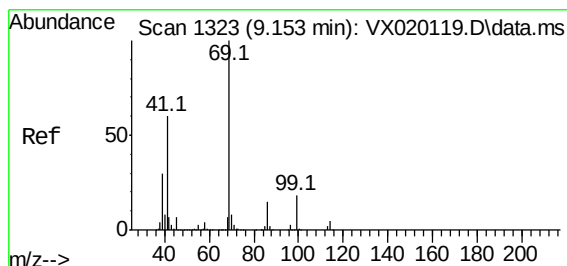
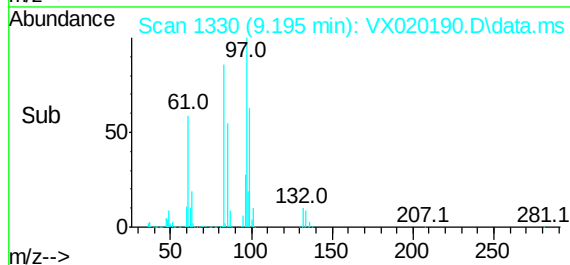
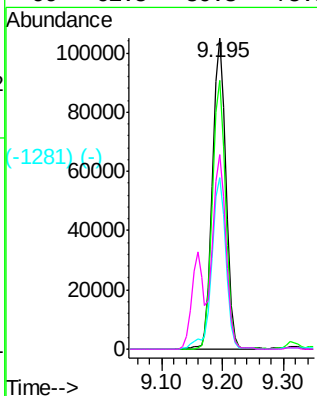
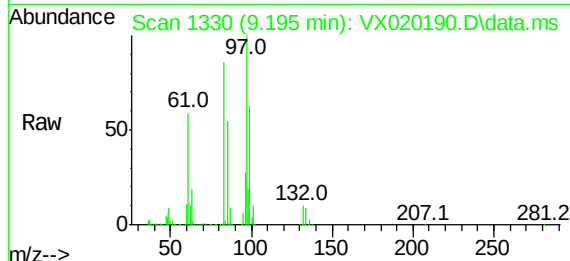
1,1,2-Trichloroethane
Concen: 49.60 ug/l
RT: 9.195 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:	97	Resp:	155704
Ion Ratio	Lower	Upper	
97	100		
83	86.2	69.3	103.9
85	55.0	44.3	66.5
99	62.5	50.3	75.5

Instrument :
MSVOA_X
ClientSampleId :
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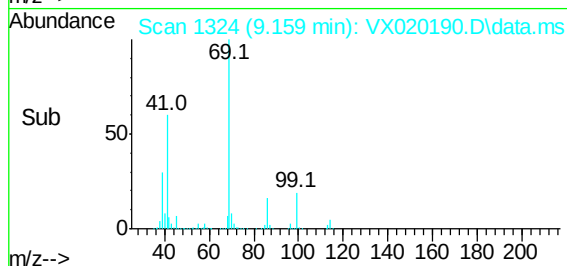
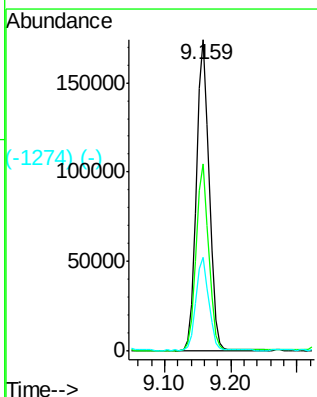
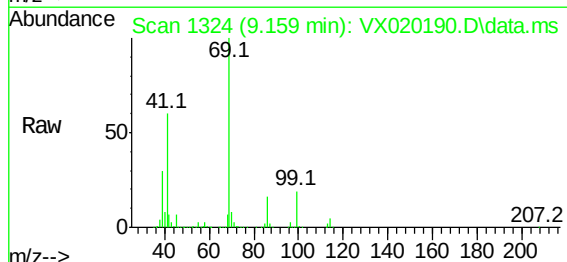
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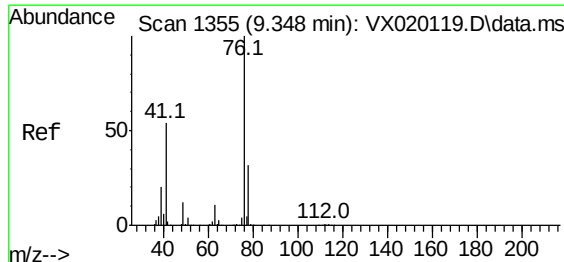
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Ethyl methacrylate
Concen: 50.94 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:	69	Resp:	234053
Ion Ratio	Lower	Upper	
69	100		
41	59.4	46.8	70.2
39	30.2	24.7	37.1



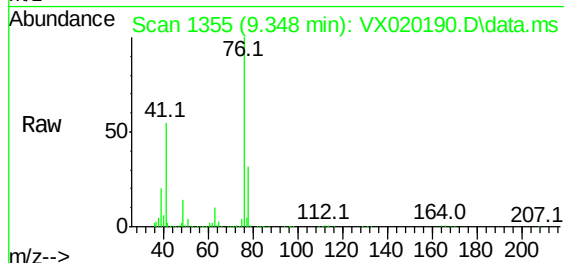


#57 (-)
1,3-Dichloropropane
Concen: 49.51 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

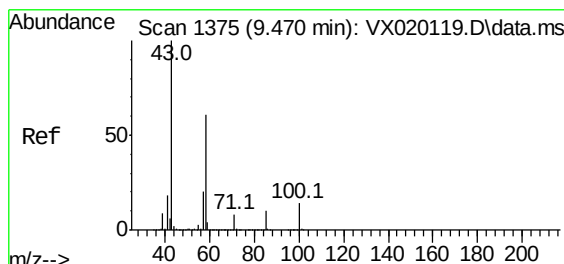
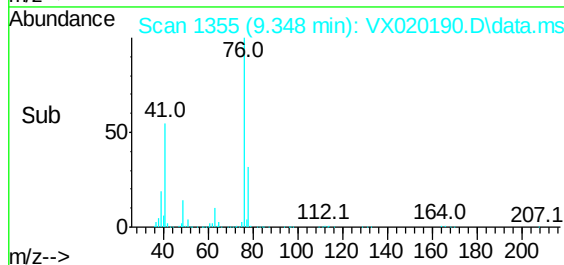
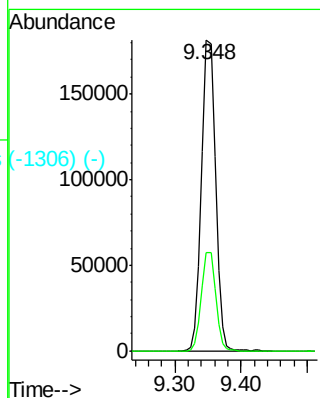
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

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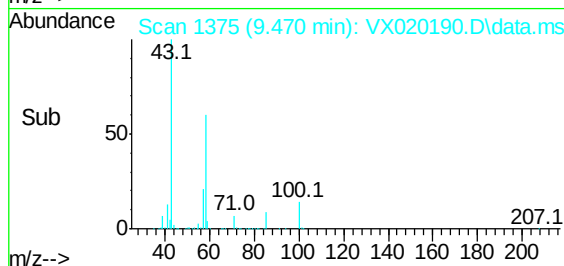
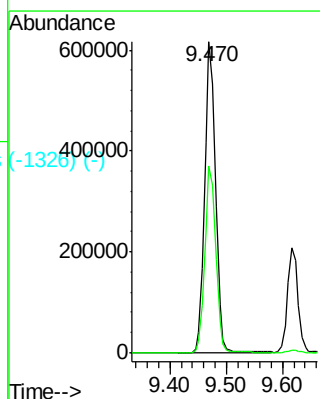
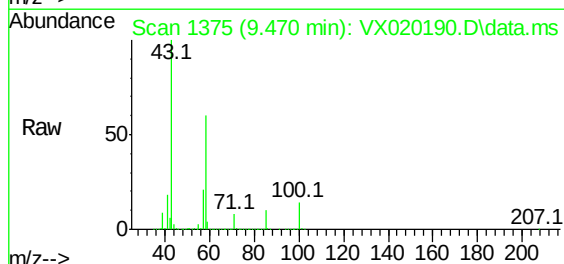


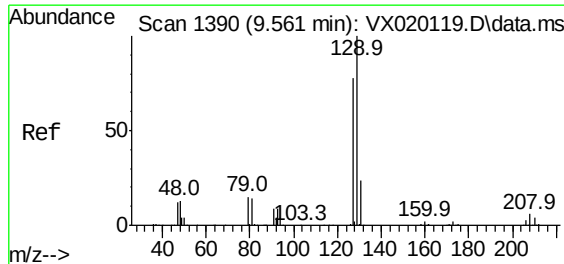
Tgt Ion: 76 Resp: 264598
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.2



#58 (-)
2-Hexanone
Concen: 261.25 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 43 Resp: 810318
Ion Ratio Lower Upper
43 100
58 60.7 30.9 92.8





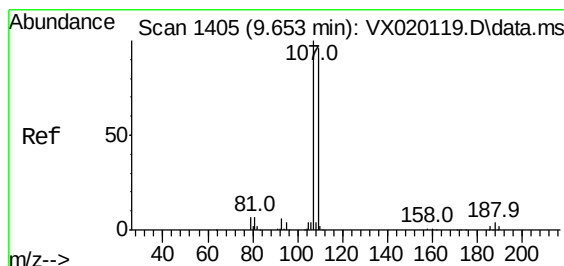
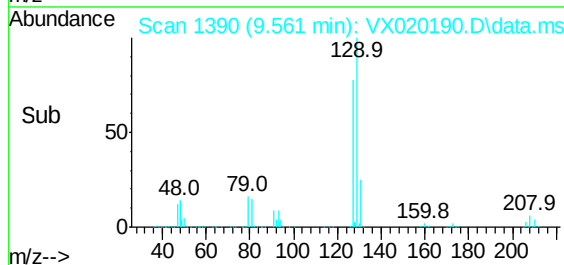
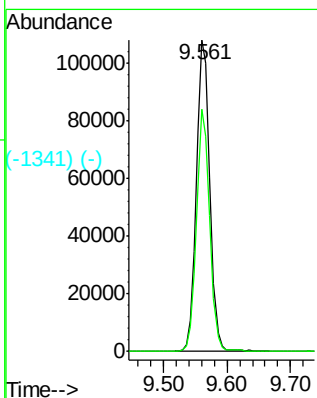
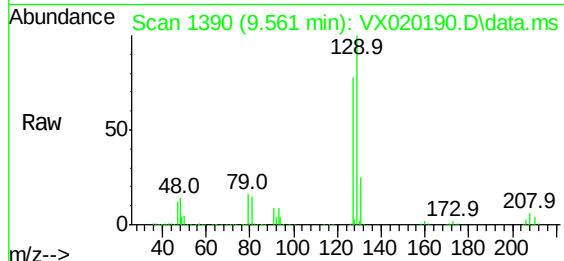
#603 (-)
Dibromochloromethane
Concen: 49.89 ug/l
RT: 9.561 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:129 Resp: 155420
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.2

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

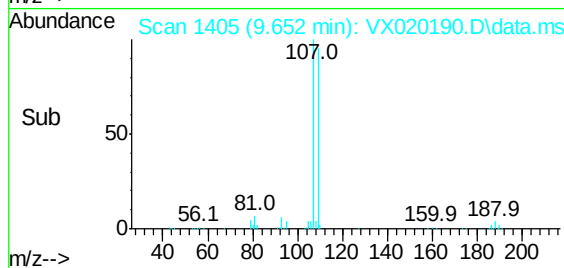
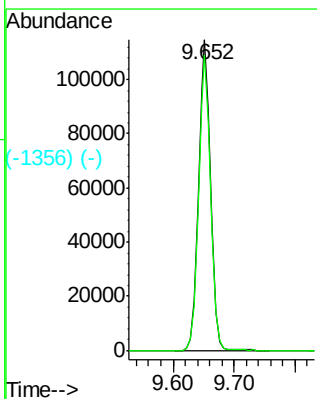
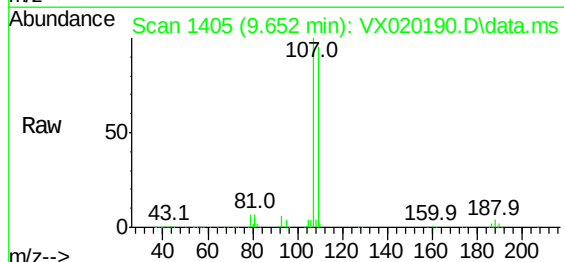
Manual Integrations
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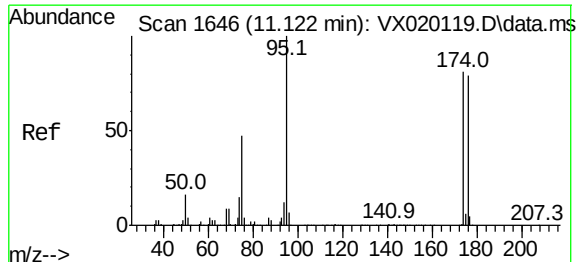
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#607 (-)
1,2-Dibromoethane
Concen: 49.21 ug/l
RT: 9.652 min Scan# 1405
Delta R.T. -0.001 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

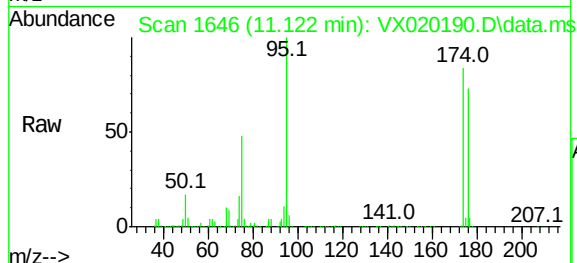
Tgt Ion:107 Resp: 161322
Ion Ratio Lower Upper
107 100
109 95.4 75.8 113.6





#639 (-)
4-Bromofluorobenzene
Concen: 47.94 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

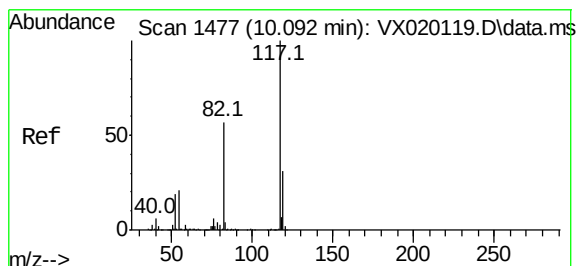
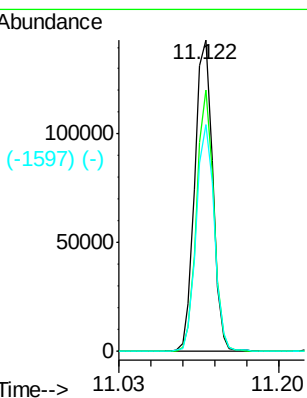
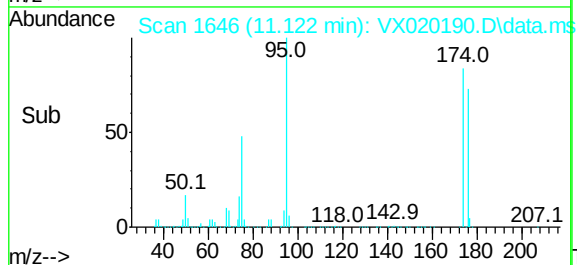
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS



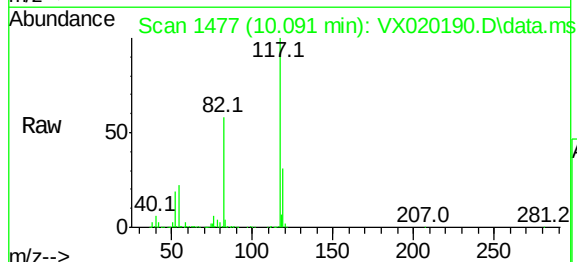
Tgt Ion:	95	Resp:	183192
Ion Ratio	Lower	Upper	
95	100		
174	79.3	0.0	154.6
176	72.7	0.0	155.8

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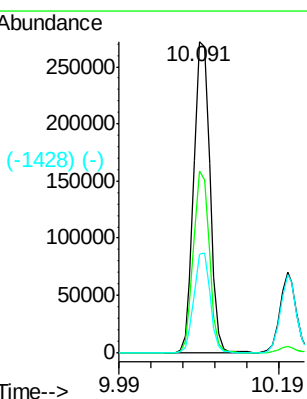
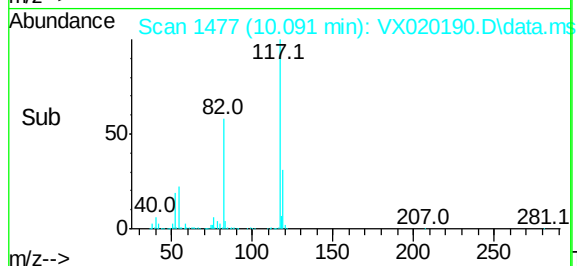
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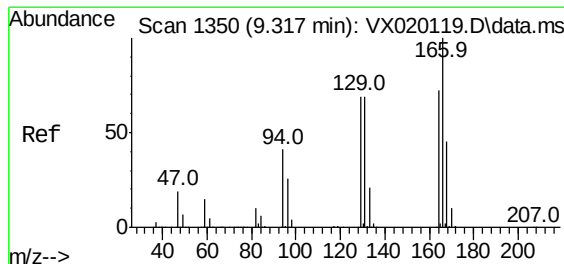


#640 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. -0.001 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36



Tgt Ion:	117	Resp:	380346
Ion Ratio	Lower	Upper	
117	100		
82	58.4	47.4	71.2
119	31.4	26.6	39.8





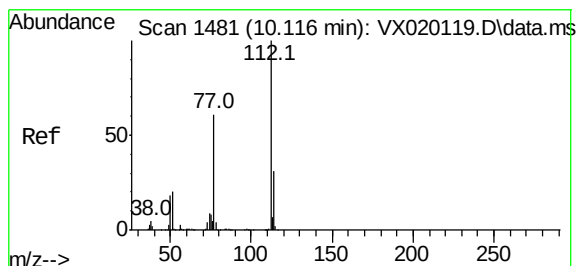
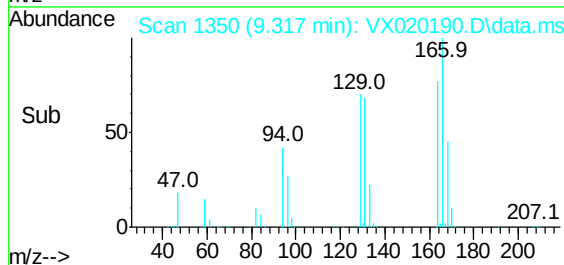
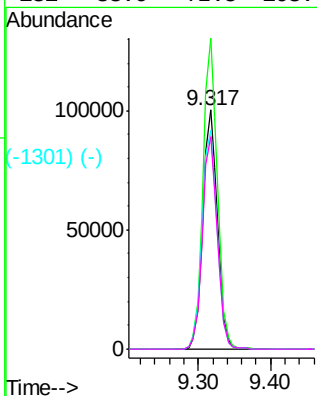
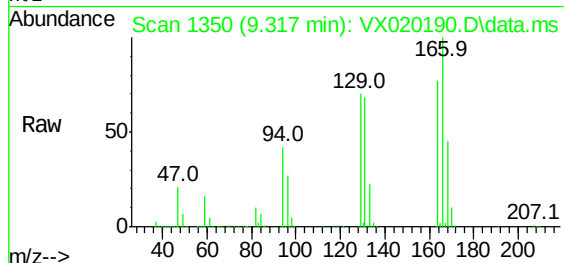
#642 (-)
Tetrachloroethene
Concen: 48.75 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:	164	Resp:	139716
Ion Ratio	Lower	Upper	
164	100		
166	130.1	103.4	155.2
129	91.7	70.8	106.2
131	88.6	72.5	108.7

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

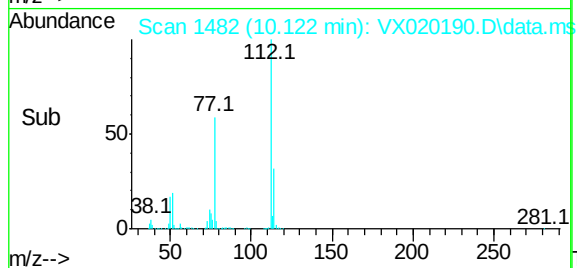
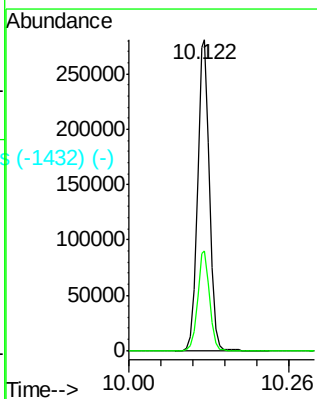
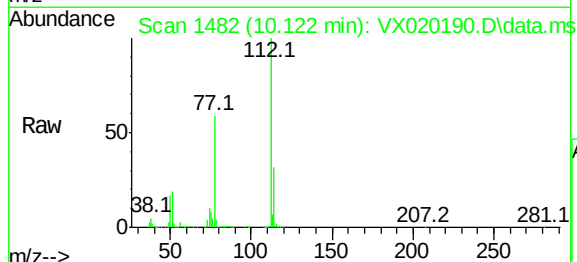
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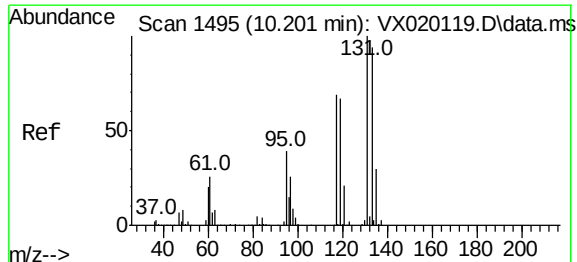
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#654 (-)
Chlorobenzene
Concen: 48.03 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:	112	Resp:	391907
Ion Ratio	Lower	Upper	
112	100		
114	32.1	25.8	38.6



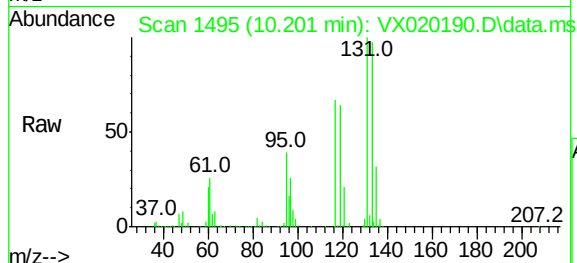


#668 (-)
 1,1,1,2-Tetrachloroethane
 Concen: 49.80 ug/l
 RT: 10.201 min Scan# 1495
 Delta R.T. 0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

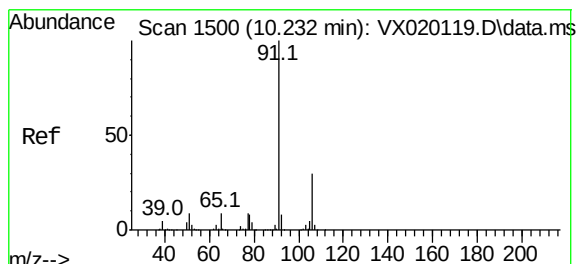
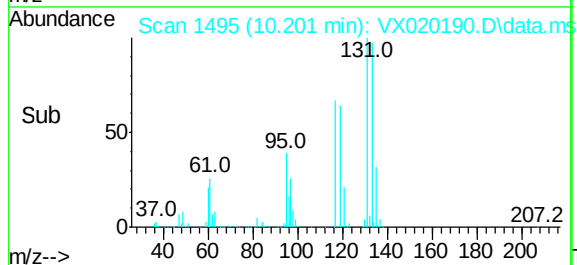
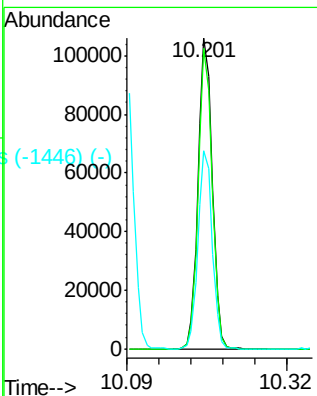
Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MS

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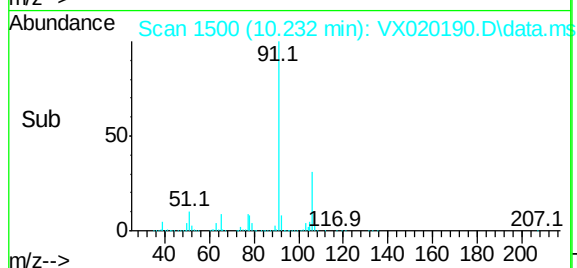
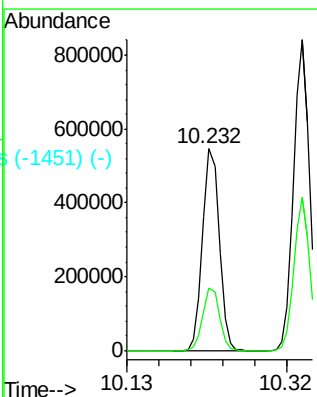
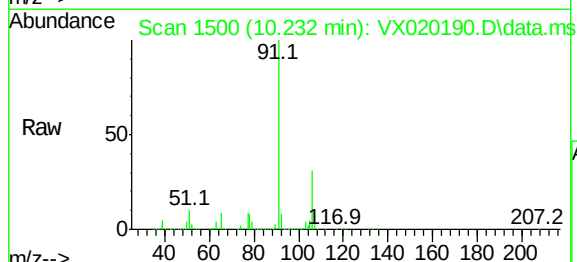


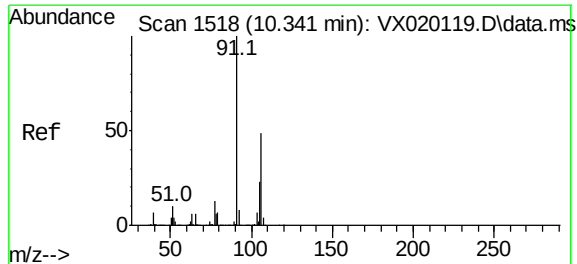
Tgt Ion:	131	Resp:	145825
Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.7	143.1
119	64.2	32.1	96.5



#6793 (-)
 Ethyl Benzene
 Concen: 50.10 ug/l
 RT: 10.232 min Scan# 1500
 Delta R.T. -0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Tgt Ion:	91	Resp:	714679
Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.6	37.0



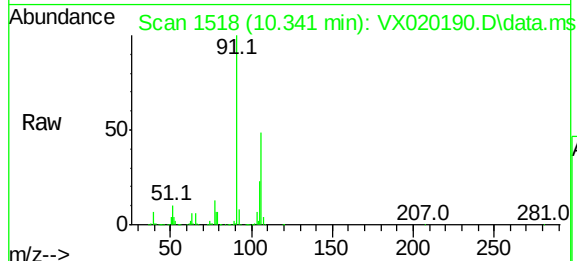


#6911 (-)
m/p-Xylenes
Concen: 100.96 ug/l
RT: 10.341 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

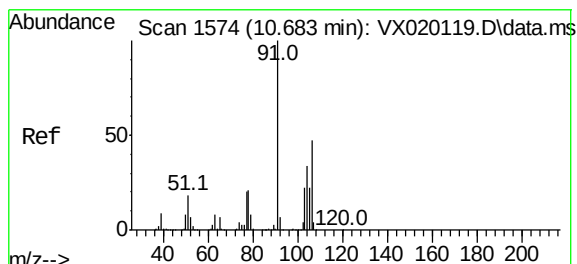
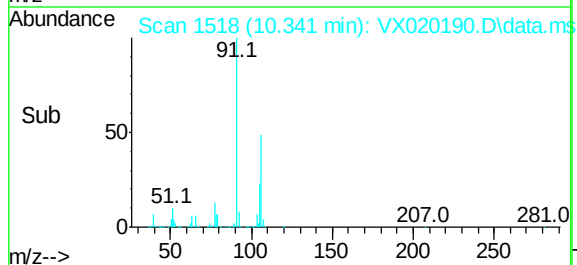
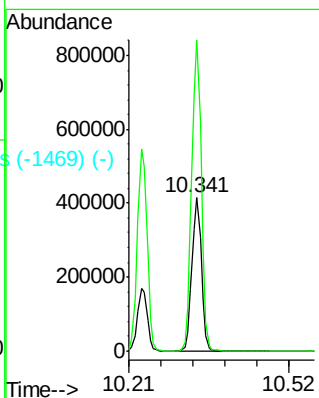
Instrument :
MSVOA_X
ClientSampleId :
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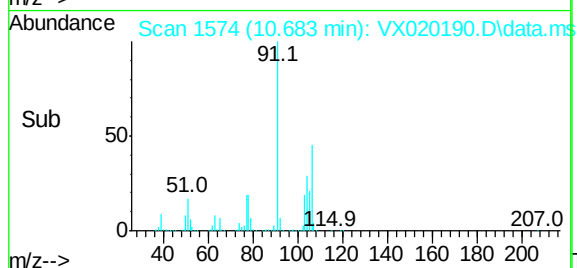
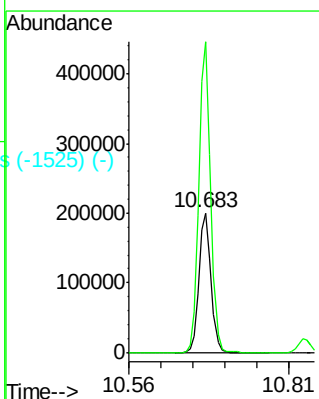
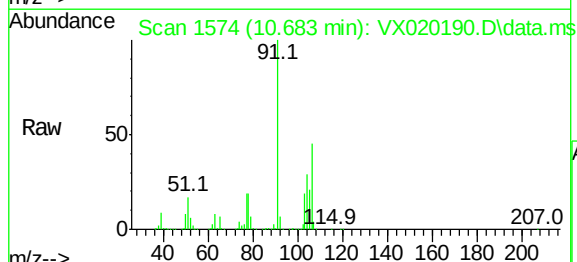


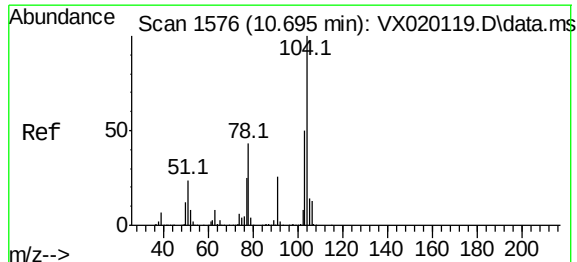
Tgt Ion:106 Resp: 537642
Ion Ratio Lower Upper
106 100
91 206.2 162.8 244.2



#6967 (-)
o-Xylene
Concen: 49.73 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

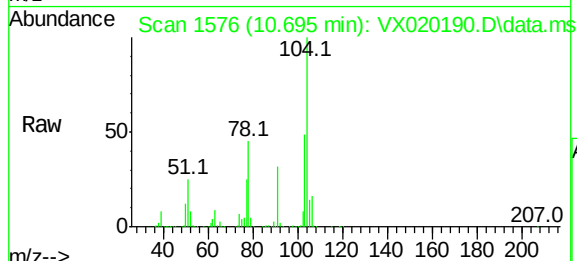
Tgt Ion:106 Resp: 254892
Ion Ratio Lower Upper
106 100
91 219.6 108.1 324.2





#1567 (-)
Styrene
Concen: 50.46 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

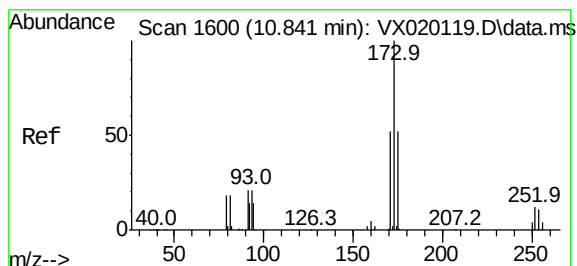
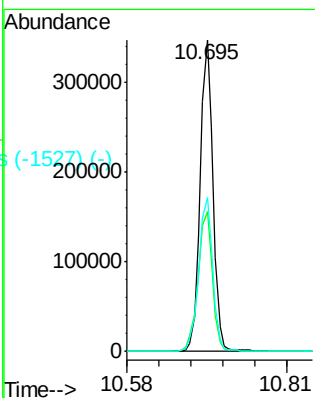
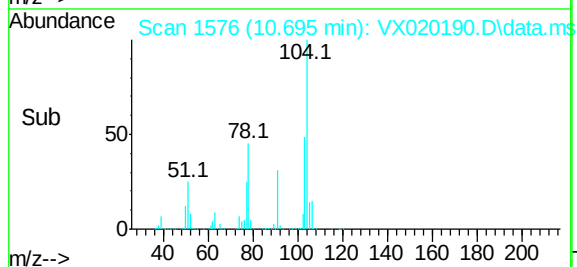
Instrument :
MSVOA_X
ClientSampleId :
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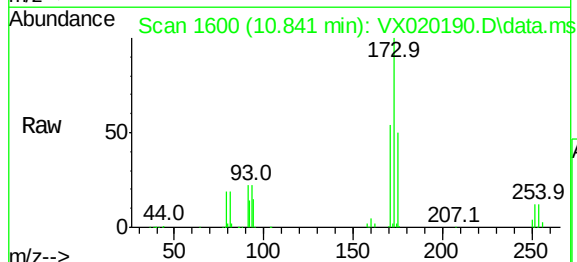
Tgt Ion:104 Resp: 437218
Ion Ratio Lower Upper
104 100
78 50.3 40.0 60.0
103 54.0 43.4 65.0

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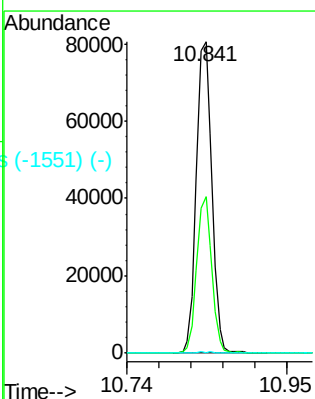
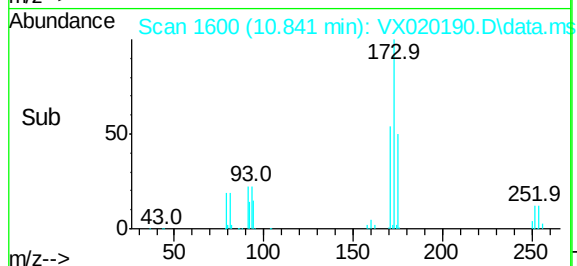
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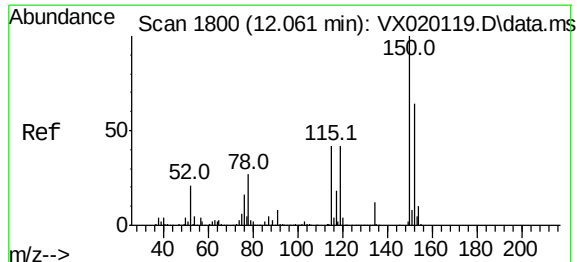


#1593 (-)
Bromoform
Concen: 49.84 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36



Tgt Ion:173 Resp: 113026
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.8
254 0.1 0.1 0.1





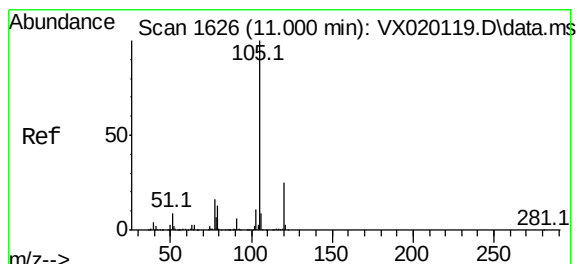
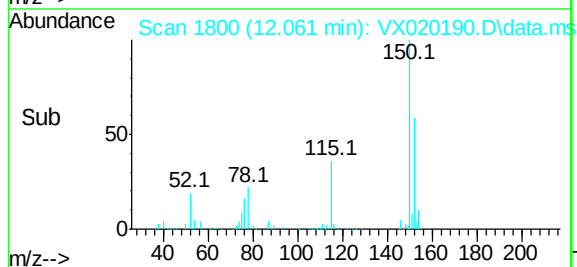
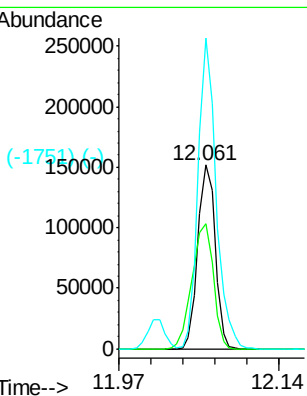
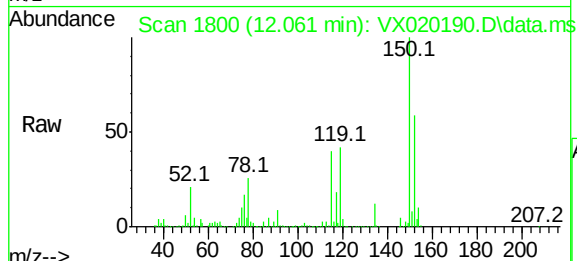
#1794 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:	152	Resp:	189807
Ion Ratio	Lower	Upper	
152	100		
115	83.5	41.1	123.3
150	174.5	0.0	349.0

Instrument :
MSVOA_X
ClientSampleId :
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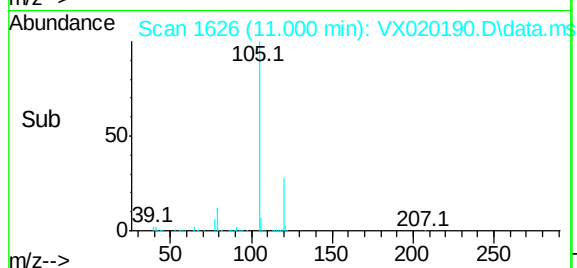
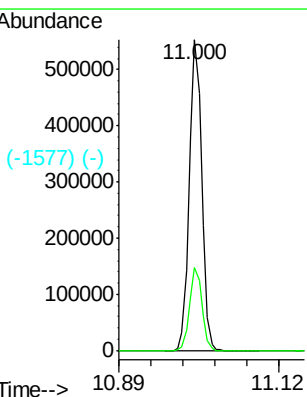
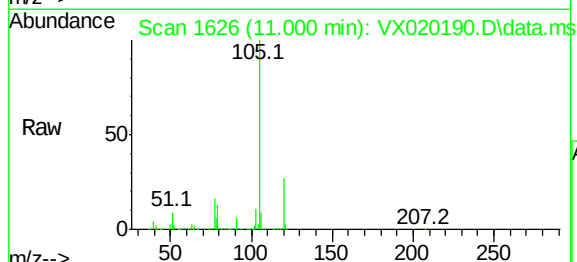
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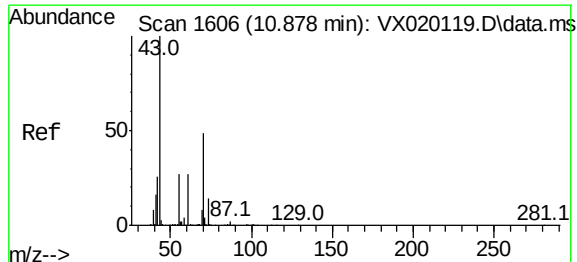
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#1798 (-)
Isopropylbenzene
Concen: 49.93 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:	105	Resp:	683980
Ion Ratio	Lower	Upper	
105	100		
120	26.3	13.2	39.6



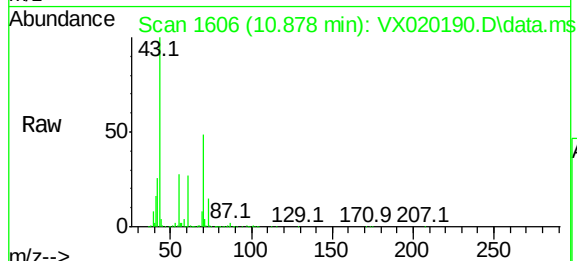


#1600 (-)
N-amyI acetate
Concen: 47.14 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

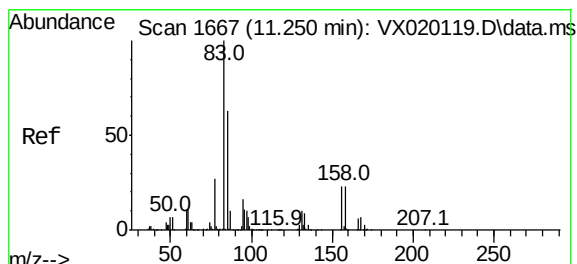
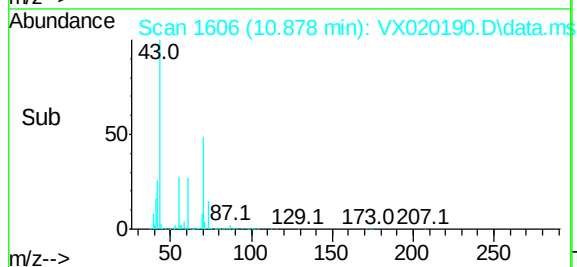
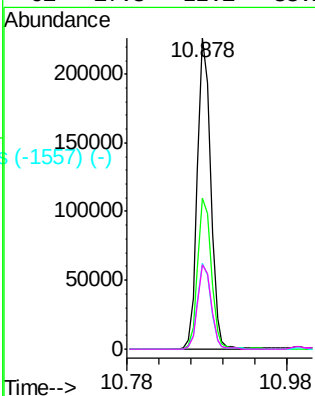
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Tgt Ion: 43 Resp: 260314

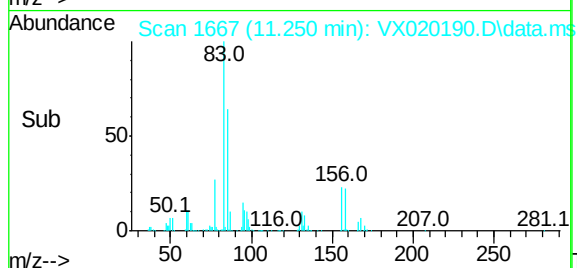
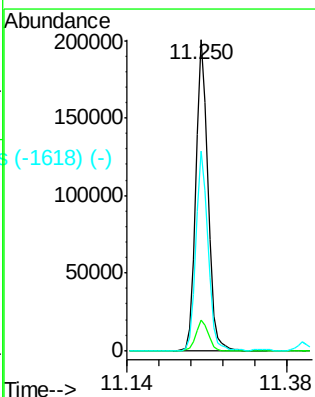
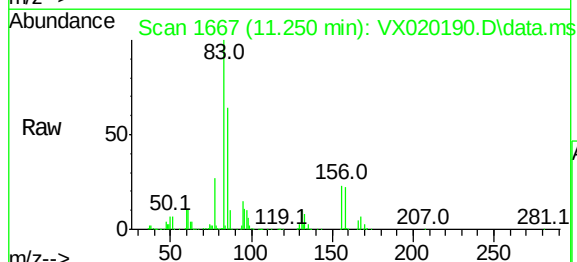
Ion	Ratio	Lower	Upper
43	100		
70	49.3	39.0	58.6
55	27.8	21.5	32.3
61	27.3	22.1	33.1

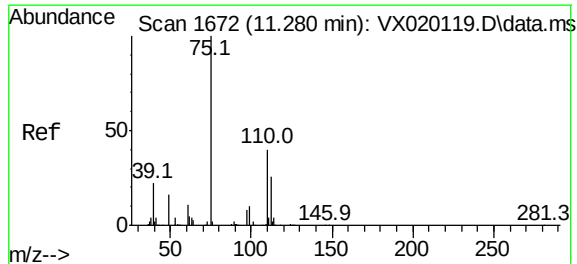


#1660 (-)
1,1,2,2-Tetrachloroethane
Concen: 50.39 ug/l
RT: 11.250 min Scan# 1667
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 83 Resp: 250680

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.1	15.2
85	64.3	31.8	95.4



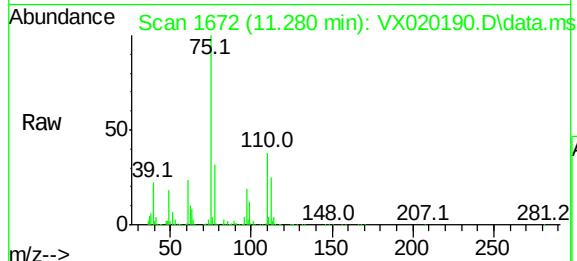


#1667 (-)
1,2,3-Trichloropropane
Concen: 49.27 ug/l m
RT: 11.280 min Scan# 1672
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

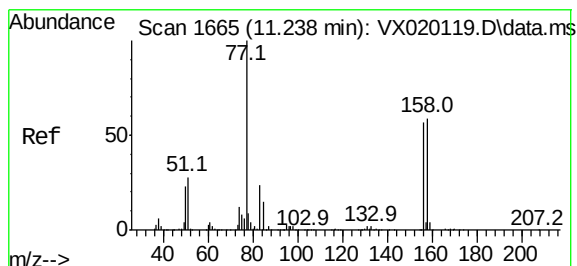
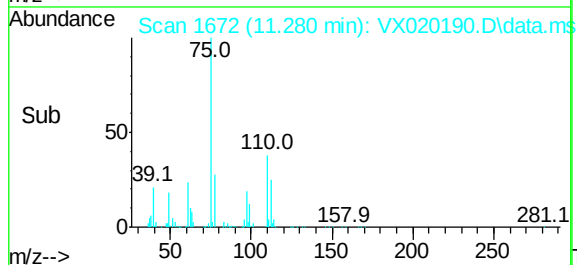
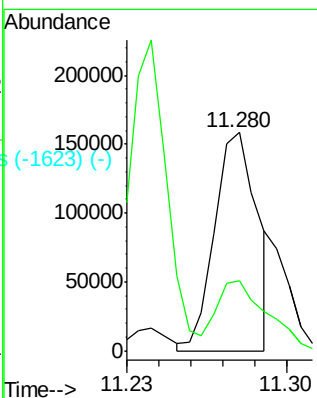
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

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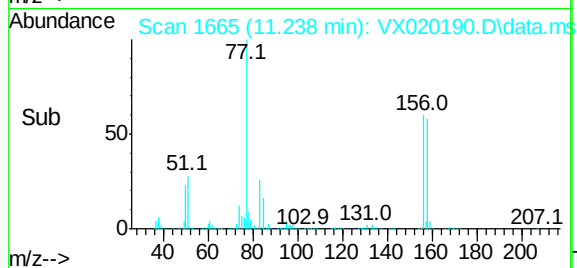
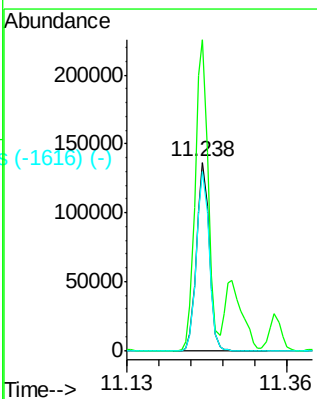
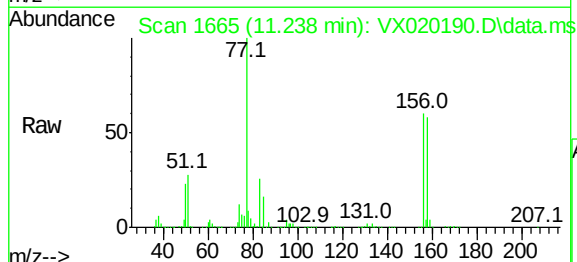


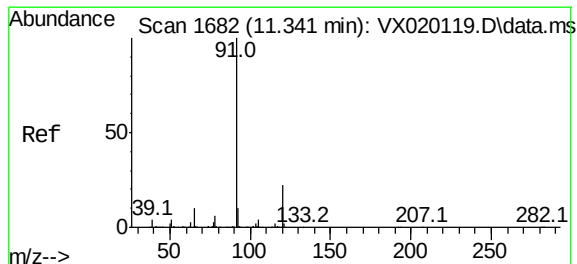
Tgt Ion: 75 Resp: 230342
Ion Ratio Lower Upper
75 100
77 37.7 19.1 57.5



#1668 (-)
Bromobenzene
Concen: 46.92 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 156 Resp: 169888
Ion Ratio Lower Upper
156 100
77 170.6 82.8 248.6
158 96.6 49.1 147.4





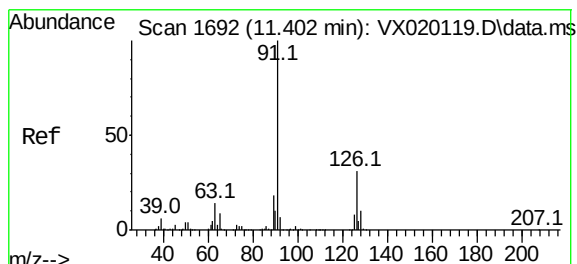
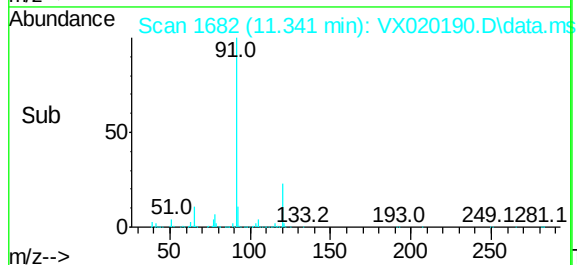
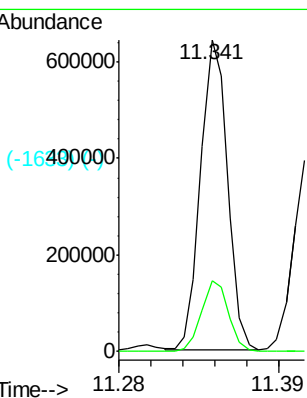
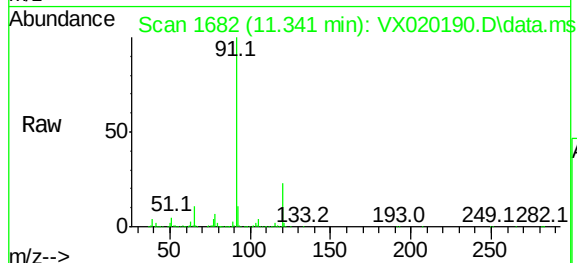
#1677 (-)
n-propylbenzene
Concen: 50.14 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 91 Resp: 791669
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.5

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

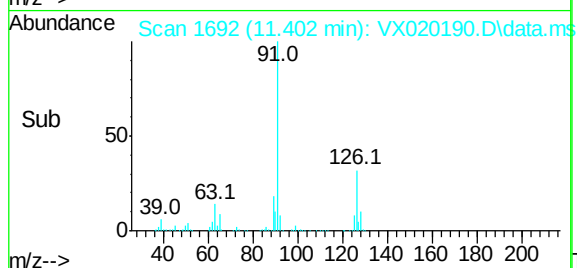
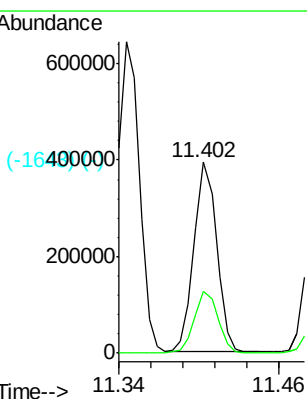
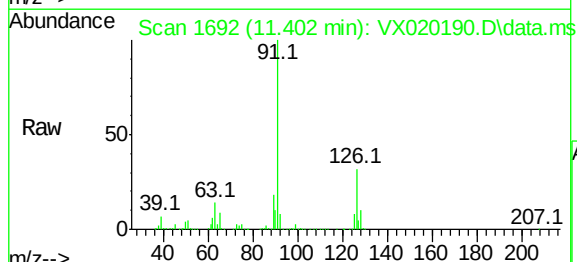
Manual Integrations
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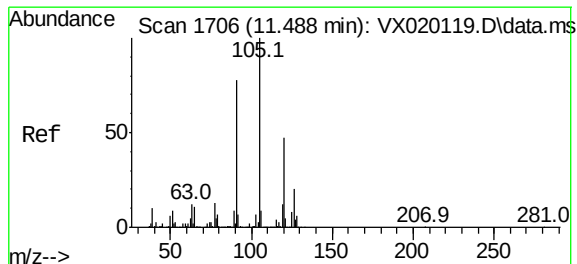
MMDadoda
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#1687 (-)
2-Chlorotoluene
Concen: 48.73 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 91 Resp: 479732
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.8





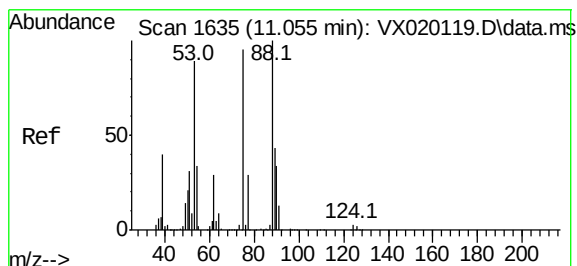
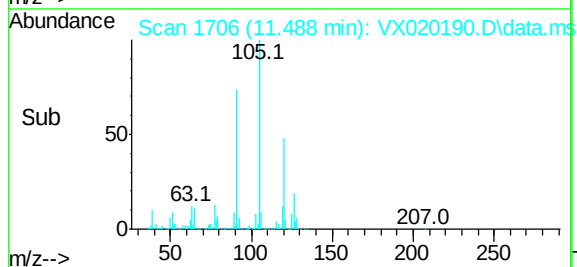
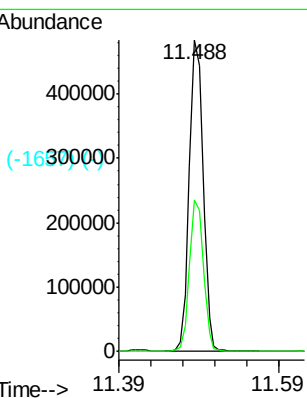
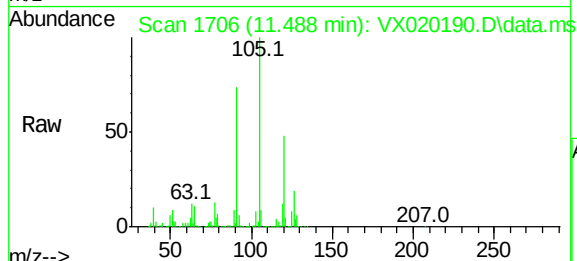
Scan 1706 (11.488 min): VX020119.D\data.ms (-1630) (-)
 1,3,5-Trimethylbenzene
 Concen: 50.04 ug/l
 RT: 11.488 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Tgt Ion:	105	Resp:	580978
Ion Ratio	Lower	Upper	
105	100		
120	48.5	23.8	71.5

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MS

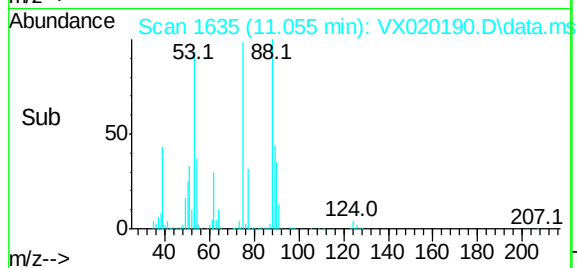
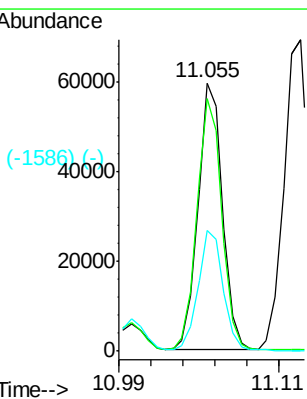
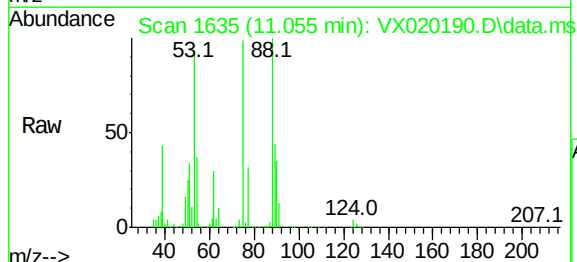
Manual Integrations
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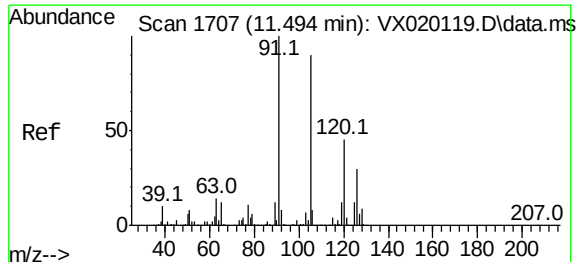
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Scan 1635 (11.055 min): VX020119.D\data.ms (-1586) (-)
 trans-1,4-Dichloro-2-butene
 Concen: 46.71 ug/l
 RT: 11.055 min Scan# 1635
 Delta R.T. -0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Tgt Ion:	75	Resp:	73610
Ion Ratio	Lower	Upper	
75	100		
53	95.3	74.5	111.7
89	45.5	37.9	56.9





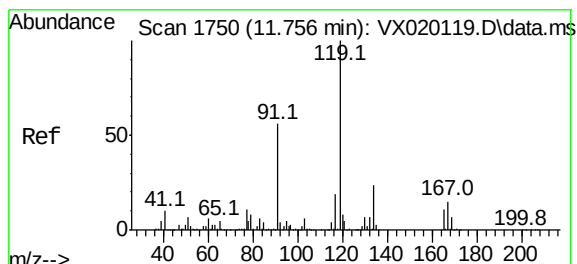
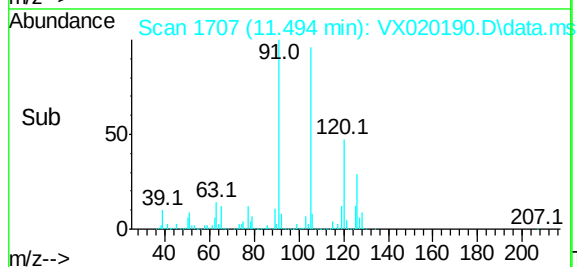
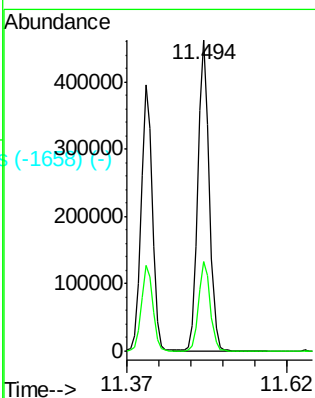
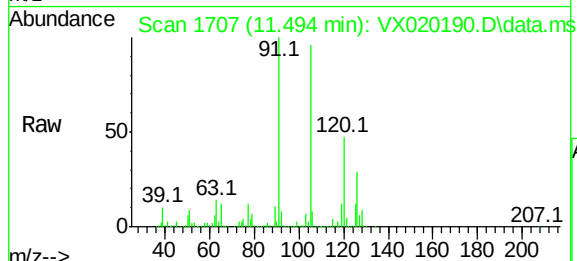
#829 (-)
4-Chlorotoluene
Concen: 48.86 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 91 Resp: 561765
Ion Ratio Lower Upper
91 100
126 28.8 14.9 44.5

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

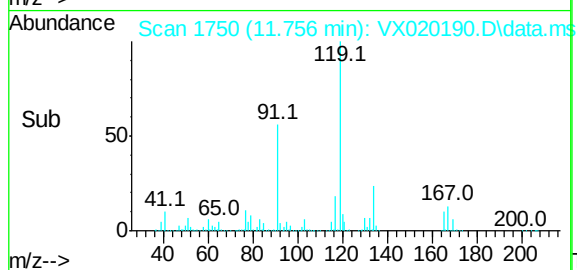
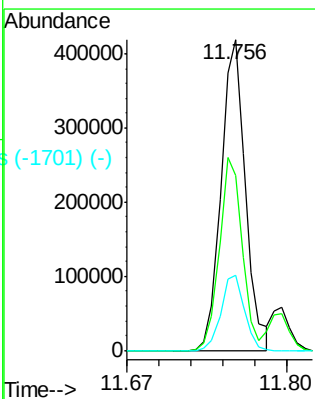
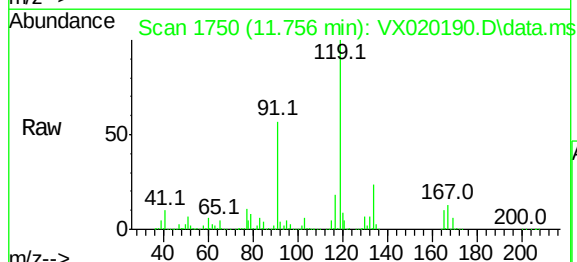
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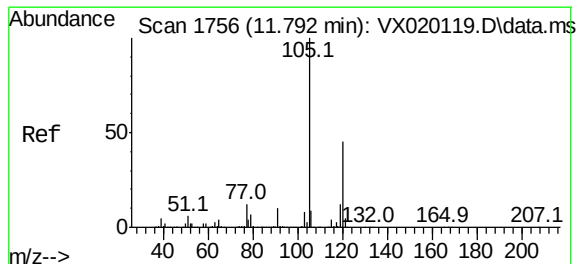
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#822 (-)
tert-Butylbenzene
Concen: 49.50 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion: 119 Resp: 551564
Ion Ratio Lower Upper
119 100
91 58.3 27.9 83.7
134 23.3 11.3 33.9





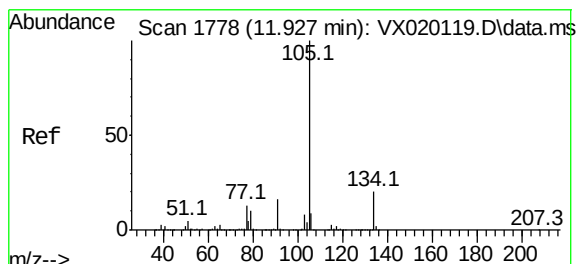
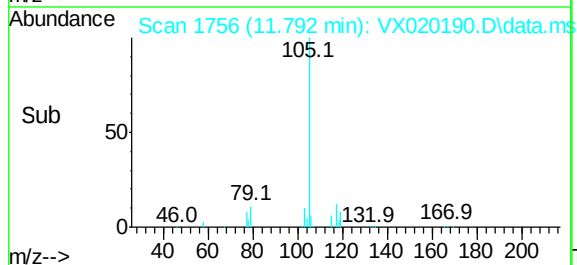
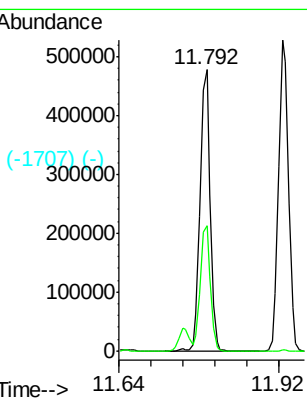
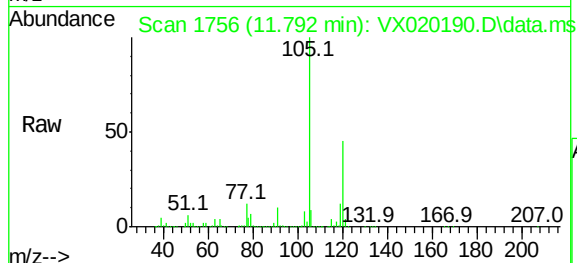
#845 (-)
 1,2,4-Trimethylbenzene
 Concen: 49.54 ug/l
 RT: 11.792 min Scan# 1756
 Delta R.T. 0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Tgt Ion:105 Resp: 583926
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MS

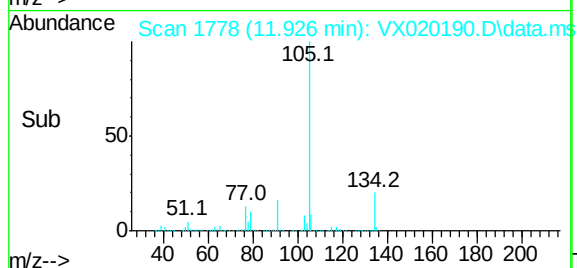
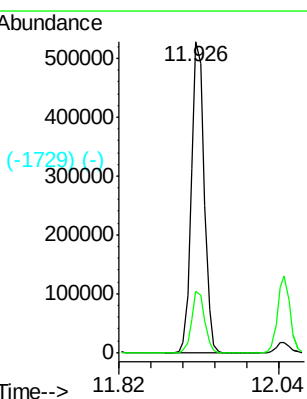
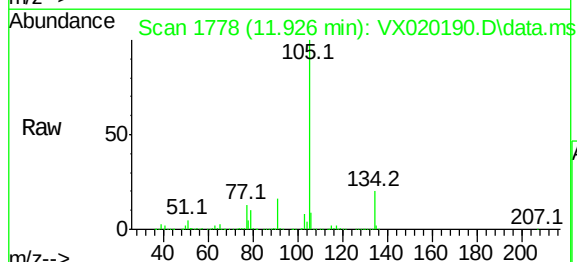
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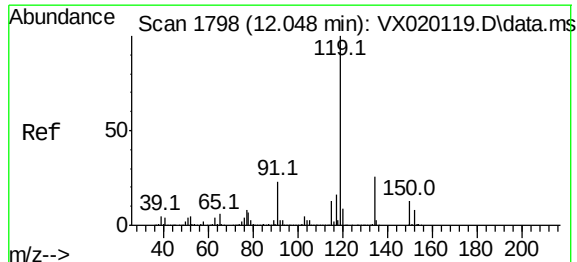
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#872 (-)
 sec-Butylbenzene
 Concen: 50.92 ug/l
 RT: 11.926 min Scan# 1778
 Delta R.T. -0.001 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Tgt Ion:105 Resp: 654789
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8



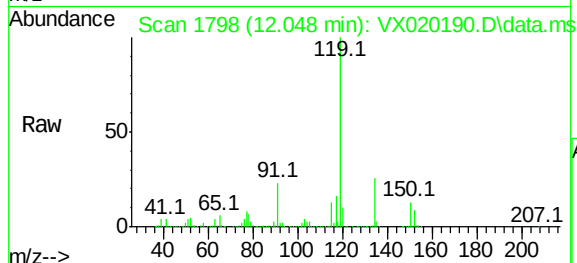


#87 (-)
p-Isopropyltoluene
Concen: 50.07 ug/l
RT: 12.048 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

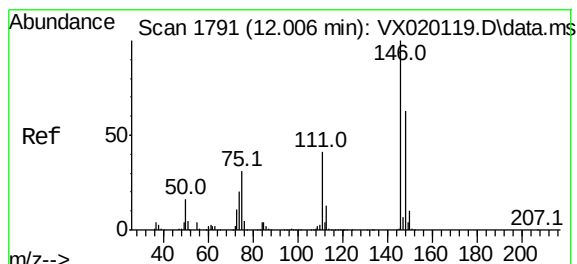
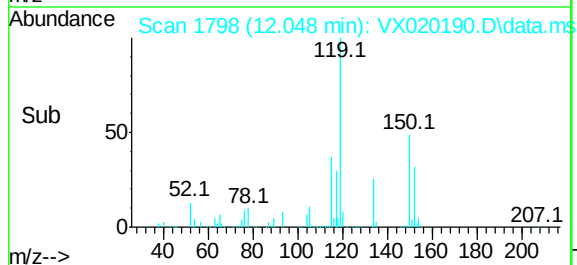
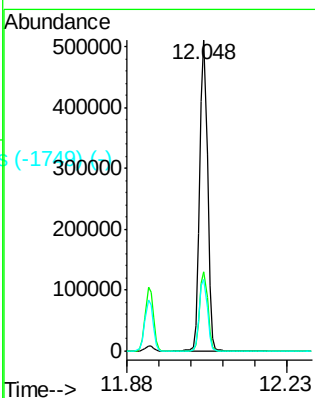
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

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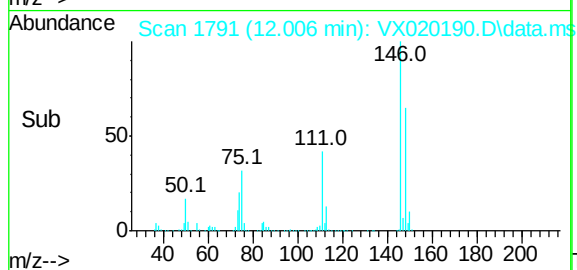
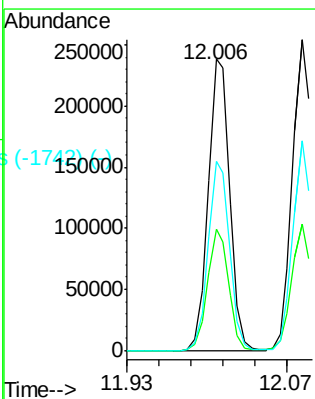
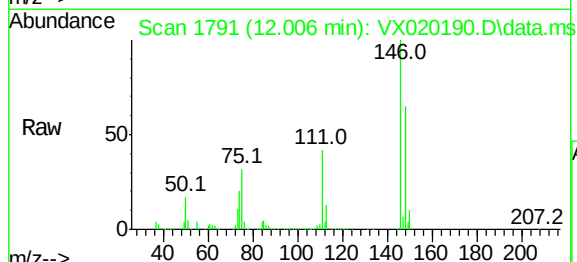


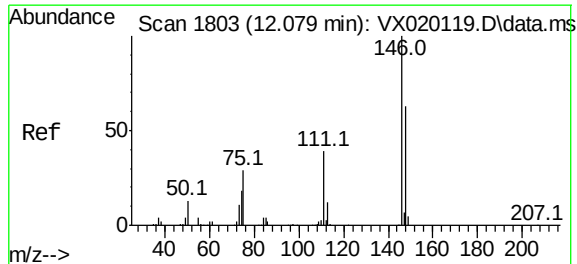
Tgt Ion:	119	Resp:	593783
Ion Ratio	Lower	Upper	
119	100		
134	26.2	12.9	38.7
91	23.9	11.7	35.0



#875 (-)
1,3-Dichlorobenzene
Concen: 47.07 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:	146	Resp:	304689
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.2	60.5
148	64.5	31.9	95.7





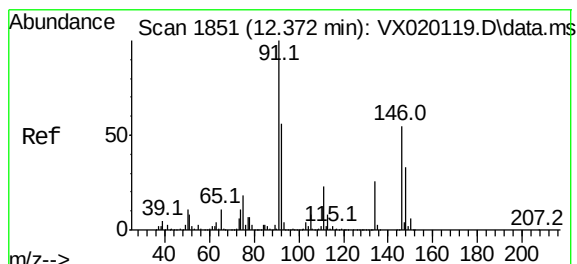
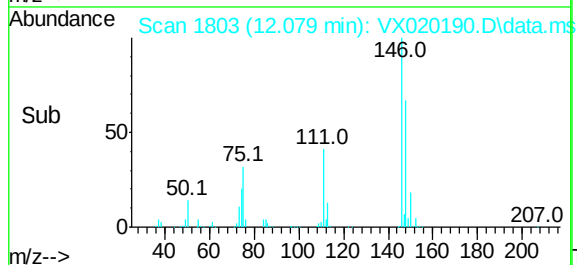
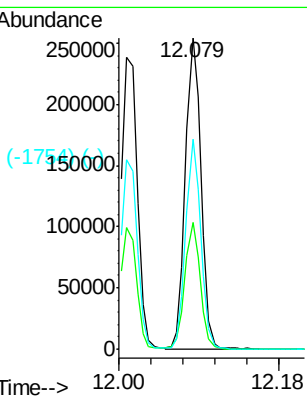
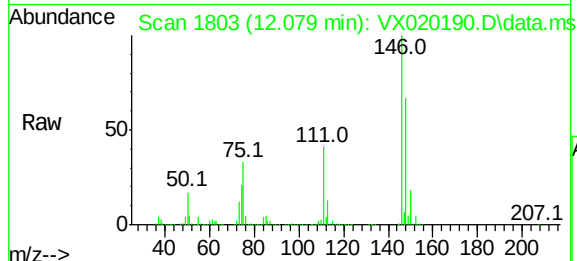
#898 (-)
1,4-Dichlorobenzene
Concen: 45.58 ug/l
RT: 12.079 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:	146	Resp:	307807
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.6	58.8
148	64.9	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

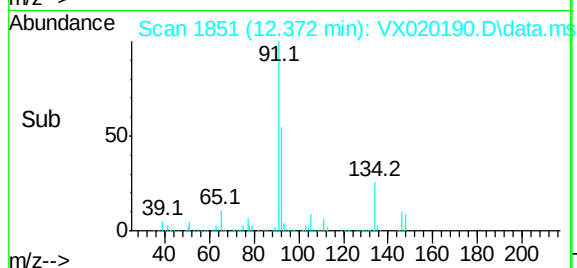
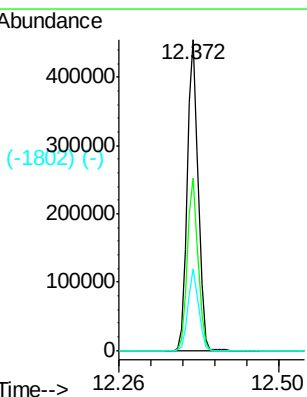
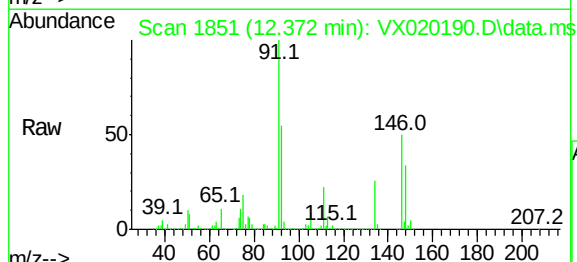
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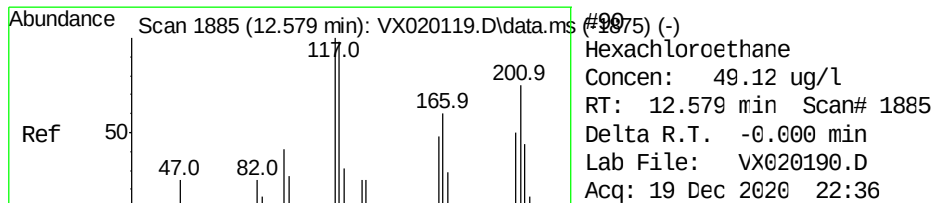
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#8943 (-)
n-Butylbenzene
Concen: 49.71 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:	91	Resp:	516448
Ion Ratio	Lower	Upper	
91	100		
92	54.8	27.4	82.0
134	25.5	13.2	39.5

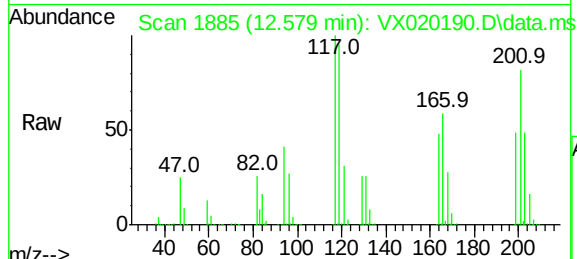




Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

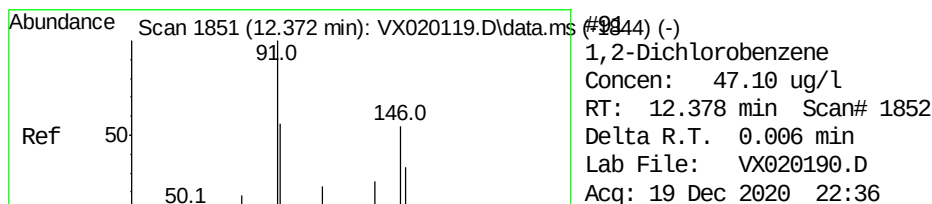
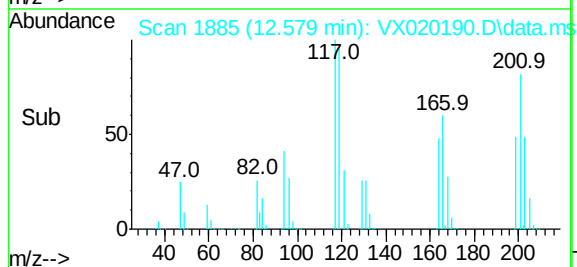
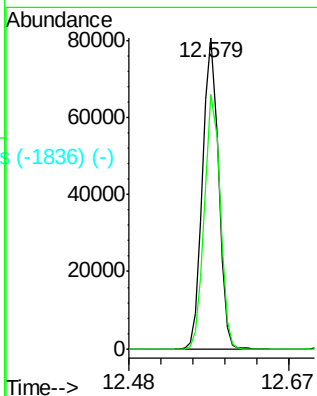
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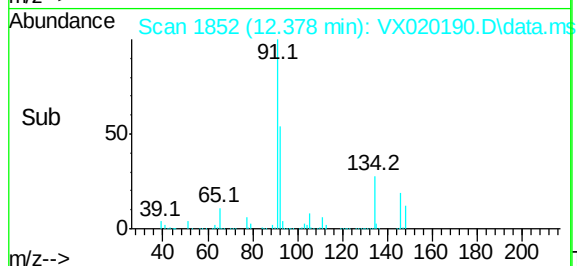
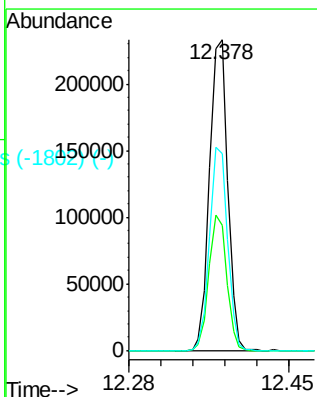
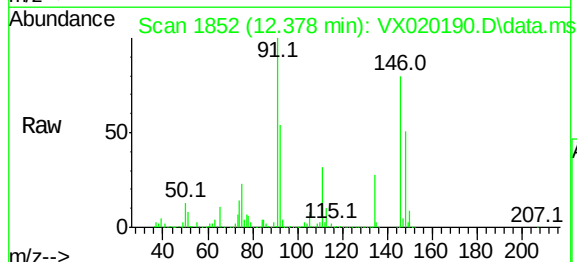
Tgt Ion:117 Resp: 100486

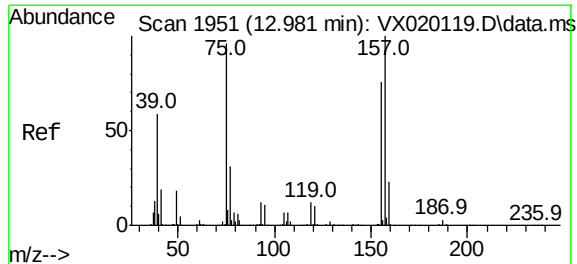
Ion	Ratio	Lower	Upper
117	100		
201	80.7	40.4	121.2



Tgt Ion:146 Resp: 303412

Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.8	62.2
148	64.8	31.9	95.5



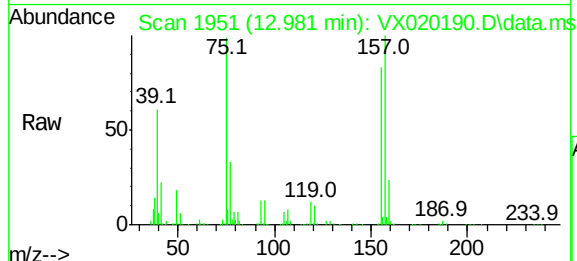


#9944 (-)
 1,2-Dibromo-3-Chloropropane
 Concen: 50.44 ug/l
 RT: 12.981 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

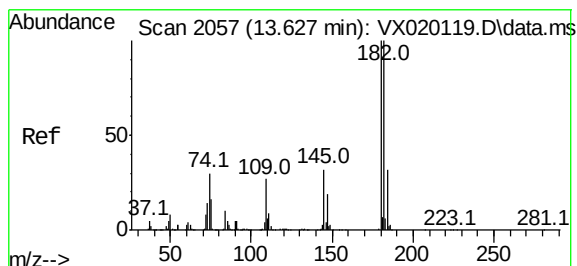
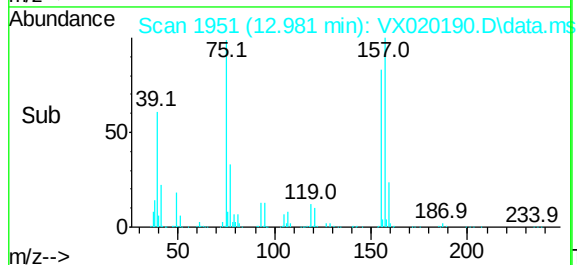
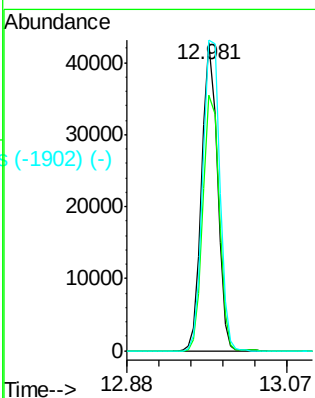
Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MS

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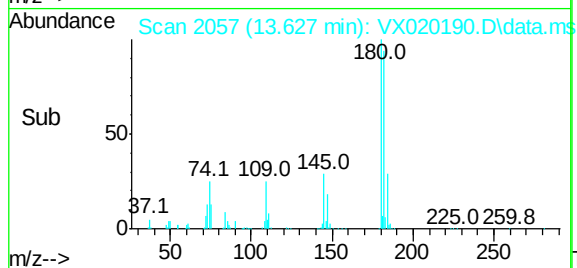
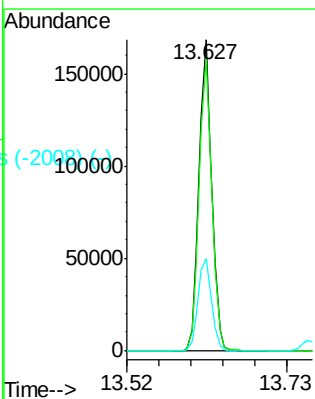
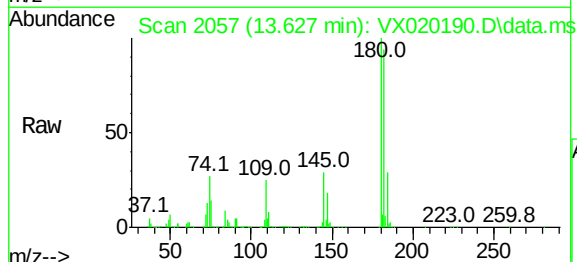


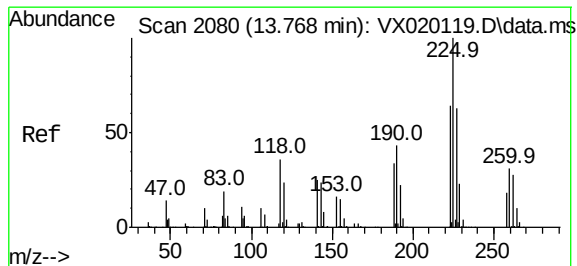
Tgt Ion:	75	Resp:	52661
Ion	Ratio	Lower	Upper
75	100		
155	86.0	45.3	135.9
157	108.5	57.7	173.1



#9950 (-)
 1,2,4-Trichlorobenzene
 Concen: 46.66 ug/l
 RT: 13.627 min Scan# 2057
 Delta R.T. 0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Tgt Ion:	180	Resp:	193295
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.7	143.1
145	31.2	15.0	45.0





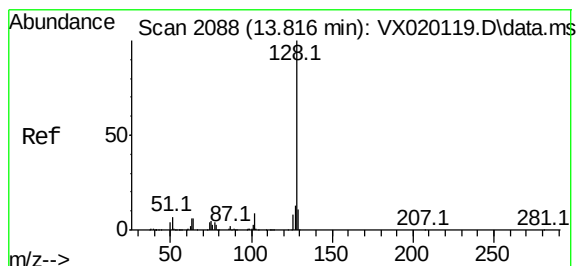
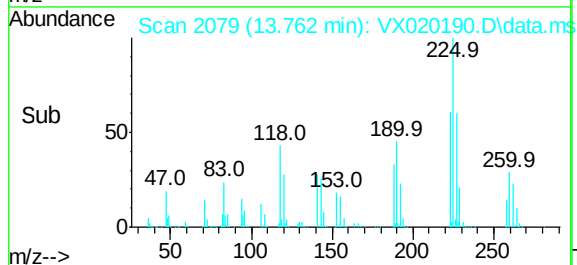
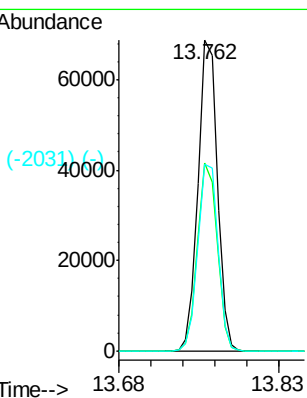
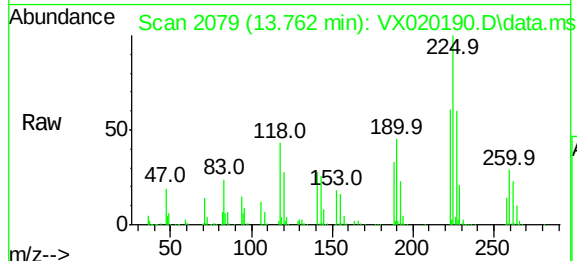
#94 (-)
Hexachlorobutadiene
Concen: 48.19 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.007 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

Tgt Ion:	225	Resp:	83633
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.1	93.2
227	62.6	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MS

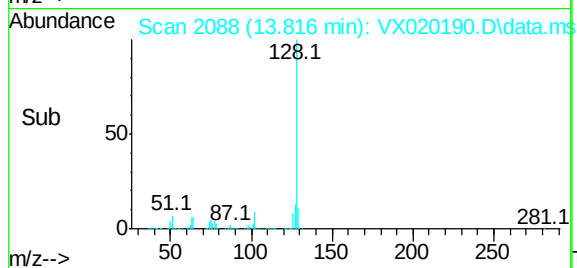
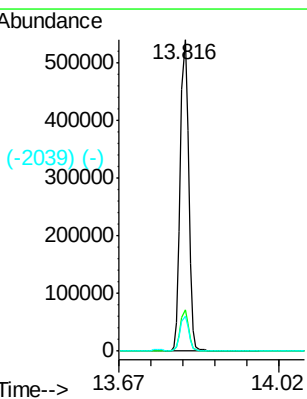
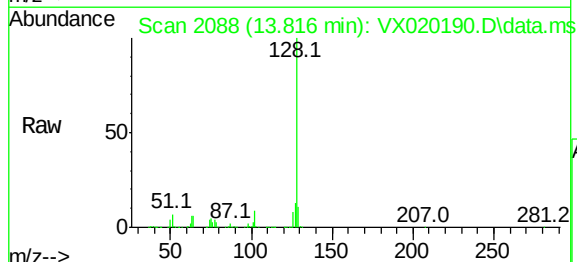
Manual Integrations
APPROVED

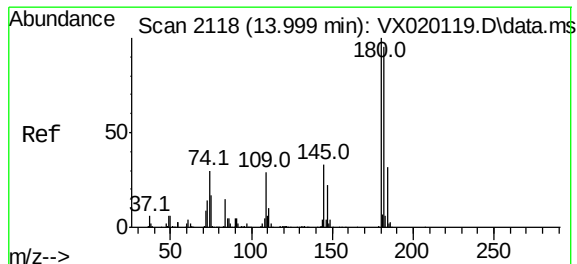
MMDadoda
12/21/2020 3:56:55 PM



#95 (-)
Naphthalene
Concen: 51.23 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VX020190.D
Acq: 19 Dec 2020 22:36

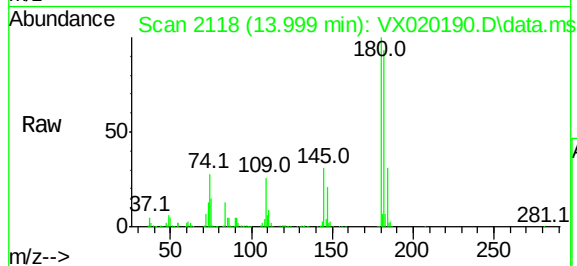
Tgt Ion:	128	Resp:	672097
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.0	8.8	13.2





#9610 (-)
 1,2,3-Trichlorobenzene
 Concen: 47.65 ug/l
 RT: 13.999 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: VX020190.D
 Acq: 19 Dec 2020 22:36

Instrument :
 MSVOA_X
ClientSampleId :
 49-IW5677-121220MS



Tgt Ion:180 Resp: 195278

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.9
145	32.3	16.1	48.3

Manual Integrations
APPROVED
 MMDadoda
 12/21/2020 3:56:55 PM

