

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020191.D
 Acq On : 19 Dec 2020 22:59
 Operator : JC/MD
 Sample : L5096-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MSD

Manual Integrations
 APPROVED

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 12/21/2020 3:56:57 PM

Quant Time: Dec 21 02:39:12 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	243884	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	412909	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	384882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	194947	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	163616	50.05	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.10%
35) Dibromofluoromethane	5.464	113	131567	49.81	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.62%
50) Toluene-d8	8.695	98	507116	49.88	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.76%
62) 4-Bromofluorobenzene	11.122	95	189125	48.60	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.20%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	136648	51.59	ug/l	100
3) Chloromethane	1.313	50	147432	48.00	ug/l	100
4) Vinyl Chloride	1.392	62	166707	49.83	ug/l	99
5) Bromomethane	1.624	94	56420	52.64	ug/l	99
6) Chloroethane	1.703	64	105018	50.41	ug/l	98
7) Trichlorofluoromethane	1.916	101	220554	51.26	ug/l	97
8) Diethyl Ether	2.166	74	91005	48.60	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.367	101	118709	48.76	ug/l	99
10) Methyl Iodide	2.489	142	163791	49.92	ug/l	99
11) Tert butyl alcohol	3.014	59	163438	223.26	ug/l	99
12) 1,1-Dichloroethene	2.355	96	124016	49.78	ug/l	95
13) Acrolein	2.270	56	116250	254.13	ug/l	99
14) Allyl chloride	2.703	41	211180	47.76	ug/l	98
15) Acrylonitrile	3.111	53	432873	257.02	ug/l	100
16) Acetone	2.416	43	341613	229.16	ug/l	100
17) Carbon Disulfide	2.550	76	355409	48.29	ug/l	99
18) Methyl Acetate	2.745	43	162285	48.81	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	461850	49.52	ug/l	99
20) Methylene Chloride	2.831	84	157289	46.80	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	147282	48.72	ug/l	99
22) Diisopropyl ether	3.824	45	452674	50.16	ug/l	92
23) Vinyl Acetate	3.782	43	1833421	238.37	ug/l	99
24) 1,1-Dichloroethane	3.666	63	265151	49.89	ug/l	98
25) 2-Butanone	4.629	43	549926	253.46	ug/l	98
26) 2,2-Dichloropropane	4.550	77	188885	43.07	ug/l	99
27) cis-1,2-Dichloroethene	4.562	96	168176	49.29	ug/l	98
28) Bromochloromethane	4.977	49	116993	49.43	ug/l	96
29) Tetrahydrofuran	5.086	42	357393	261.83	ug/l	98
30) Chloroform	5.178	83	268782	49.67	ug/l	99
31) Cyclohexane	5.544	56	233851	51.88	ug/l	98
32) 1,1,1-Trichloroethane	5.458	97	229190	50.79	ug/l	100
36) 1,1-Dichloropropene	5.769	75	198643	48.68	ug/l	99
37) Ethyl Acetate	4.788	43	200272	47.22	ug/l	99
38) Carbon Tetrachloride	5.751	117	196287	50.57	ug/l	100
39) Methylcyclohexane	7.440	83	233754	49.63	ug/l	99
40) Benzene	6.111	78	622473	49.00	ug/l	100
41) Methacrylonitrile	5.001	41	118405	52.40	ug/l	98

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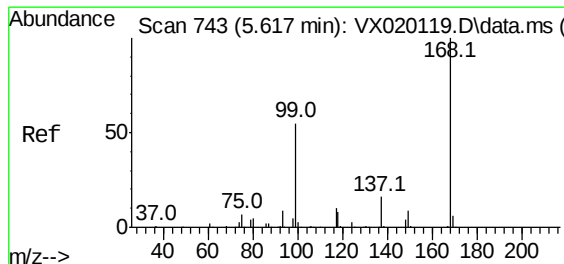
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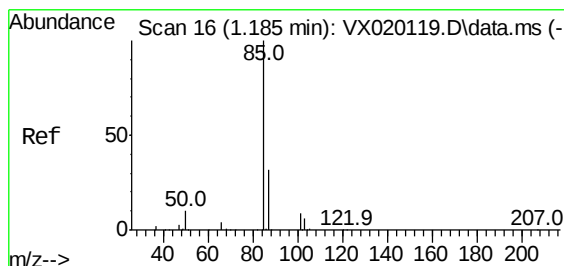
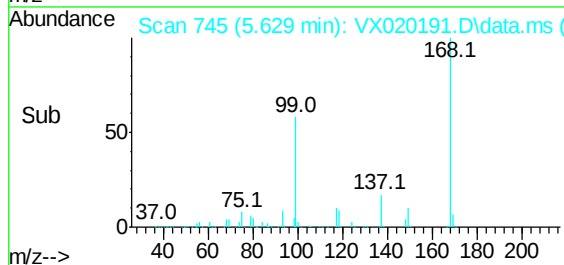
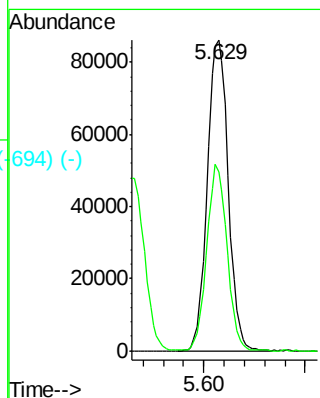
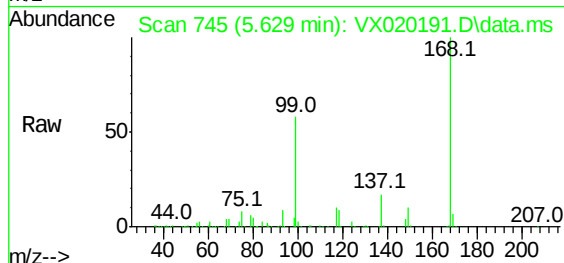
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.159	62	213084	48.90	ug/l	99
43) Isopropyl Acetate	6.409	43	320820	47.92	ug/l	99
44) Trichloroethene	7.184	130	153843	46.85	ug/l	98
45) 1,2-Dichloropropane	7.488	63	156674	48.80	ug/l	100
46) Dibromomethane	7.635	93	106691	48.58	ug/l	97
47) Bromodichloromethane	7.872	83	210544	50.29	ug/l	97
48) Methyl methacrylate	7.744	41	166984	50.89	ug/l	98
49) 1,4-Dioxane	7.714	88	69360	903.13	ug/l	97
51) 4-Methyl-2-Pentanone	8.616	43	1083606	261.43	ug/l	99
52) Toluene	8.763	92	384761	49.63	ug/l	100
53) t-1,3-Dichloropropene	9.019	75	223627	48.56	ug/l	98
54) cis-1,3-Dichloropropene	8.415	75	242186	47.90	ug/l	97
55) 1,1,2-Trichloroethane	9.195	97	156865	49.06	ug/l	98
56) Ethyl methacrylate	9.159	69	241270	51.56	ug/l	99
57) 1,3-Dichloropropane	9.348	76	268062	49.25	ug/l	99
59) 2-Hexanone	9.470	43	825590	261.38	ug/l	99
60) Dibromochloromethane	9.561	129	159727	50.35	ug/l	98
61) 1,2-Dibromoethane	9.653	107	165454	49.56	ug/l	98
64) Tetrachloroethene	9.317	164	138833	47.87	ug/l	97
65) Chlorobenzene	10.122	112	397317	48.11	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	147346	49.73	ug/l	99
67) Ethyl Benzene	10.232	91	726815	50.35	ug/l	100
68) m/p-Xylenes	10.342	106	548440	101.77	ug/l	99
69) o-Xylene	10.683	106	258944	49.93	ug/l	97
70) Styrene	10.695	104	441749	50.39	ug/l	99
71) Bromoform	10.841	173	118891	51.81	ug/l #	99
73) Isopropylbenzene	11.000	105	706940	50.25	ug/l	99
74) N-ethyl acetate	10.878	43	265508	46.82	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.250	83	246992	48.34	ug/l	99
76) 1,2,3-Trichloropropane	11.280	75	233783m	48.68	ug/l	
77) Bromobenzene	11.238	156	172372	46.35	ug/l	97
78) n-propylbenzene	11.341	91	815590	50.30	ug/l	99
79) 2-Chlorotoluene	11.402	91	486761	48.14	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	590559	49.52	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	75026	46.35	ug/l	97
82) 4-Chlorotoluene	11.494	91	569304	48.21	ug/l	99
83) tert-Butylbenzene	11.750	119	573437	50.10	ug/l	98
84) 1,2,4-Trimethylbenzene	11.792	105	596568	49.28	ug/l	100
85) sec-Butylbenzene	11.927	105	669055	50.66	ug/l	99
86) p-Isopropyltoluene	12.049	119	611558	50.21	ug/l	100
87) 1,3-Dichlorobenzene	12.006	146	311942	46.92	ug/l	99
88) 1,4-Dichlorobenzene	12.079	146	306055	44.12	ug/l	97
89) n-Butylbenzene	12.372	91	526969	49.38	ug/l	99
90) Hexachloroethane	12.579	117	103331	49.18	ug/l	99
91) 1,2-Dichlorobenzene	12.372	146	303195	45.83	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.981	75	54364	50.70	ug/l	95
93) 1,2,4-Trichlorobenzene	13.628	180	199760	46.95	ug/l	98
94) Hexachlorobutadiene	13.762	225	84235	47.31	ug/l	99
95) Naphthalene	13.817	128	702881	52.17	ug/l	99
96) 1,2,3-Trichlorobenzene	13.999	180	202906	48.21	ug/l	99

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



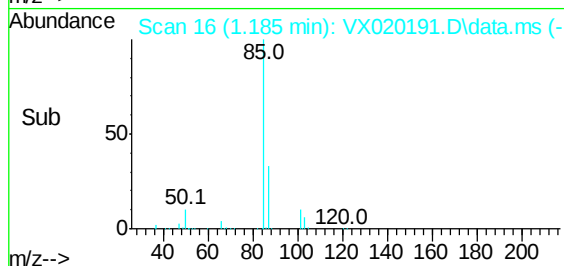
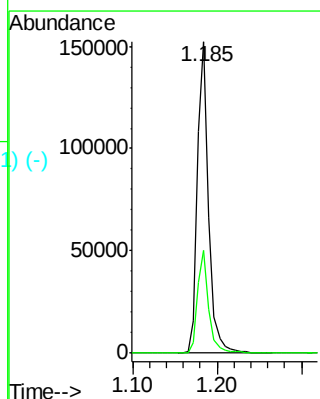
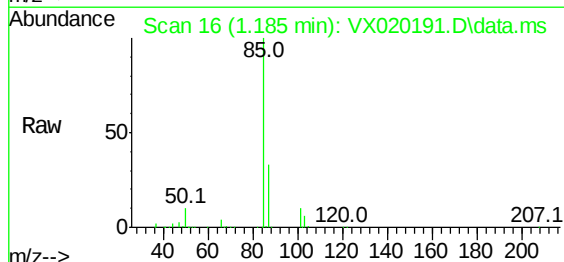
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Tgt Ion: 168 Resp: 243884
 Ion Ratio Lower Upper
 168 100
 99 57.5 45.8 68.6



Dichlorodifluoromethane
 Concen: 51.59 ug/l
 RT: 1.185 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

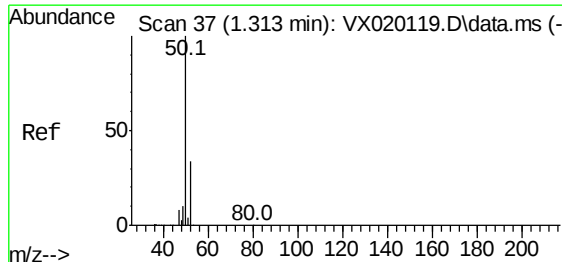
Tgt Ion: 85 Resp: 136648
 Ion Ratio Lower Upper
 85 100
 87 33.0 16.4 49.2



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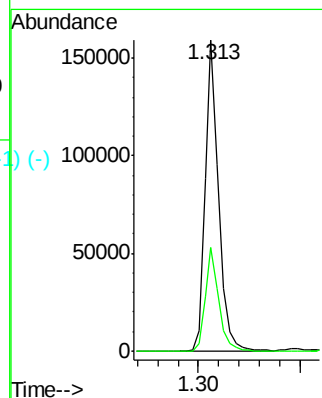
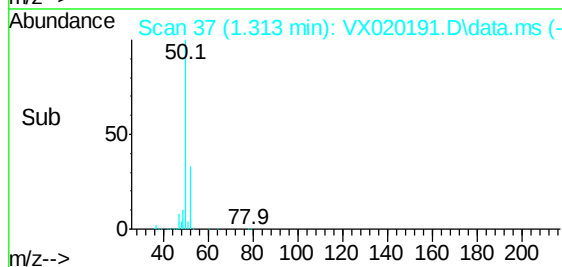
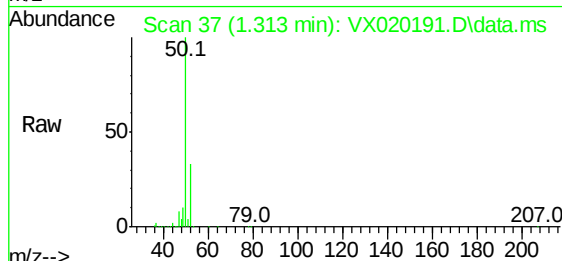
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Chloromethane
 Concen: 48.00 ug/l
 RT: 1.313 min Scan# 37
 Delta R.T. -0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

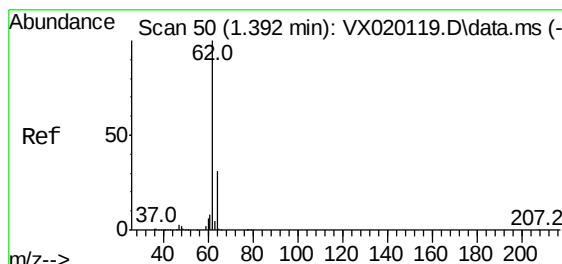
Tgt Ion: 50 Resp: 147432
 Ion Ratio Lower Upper
 50 100
 52 33.2 26.4 39.6



Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MSD

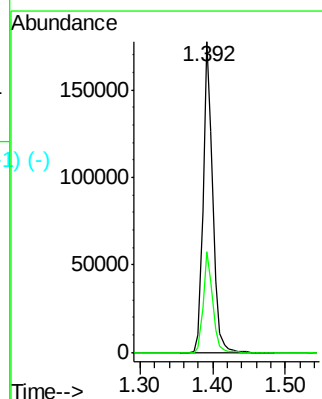
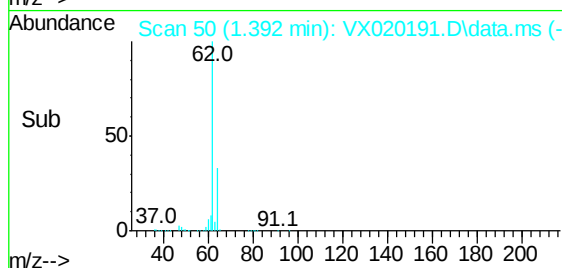
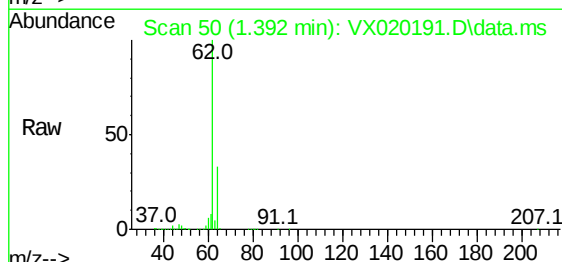
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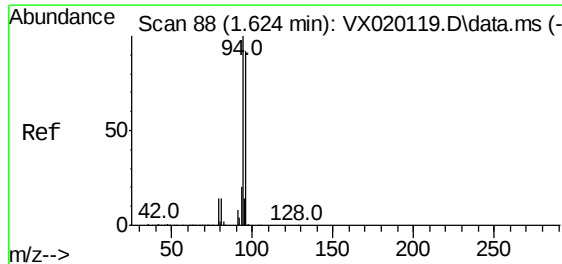
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Vinyl Chloride
 Concen: 49.83 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Tgt Ion: 62 Resp: 166707
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.7 38.5





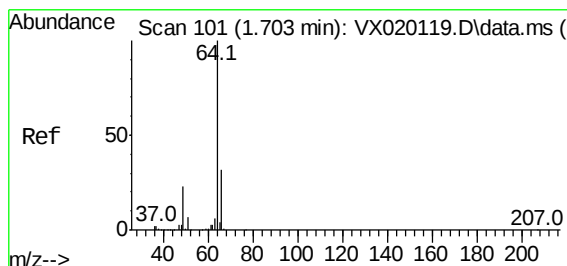
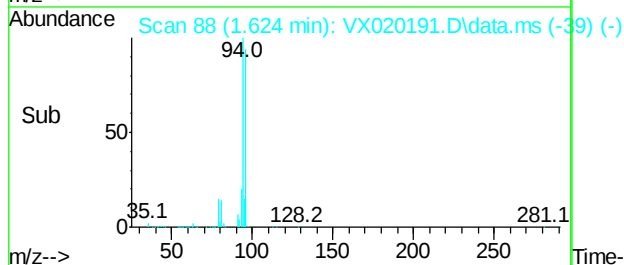
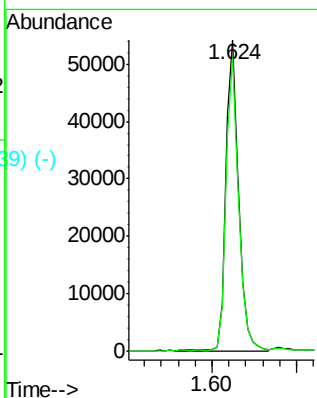
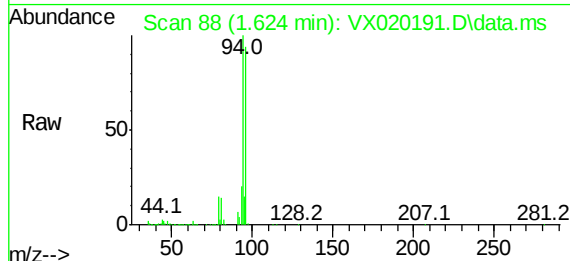
Bromomethane
Concen: 52.64 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 94 Resp: 56420
Ion Ratio Lower Upper
94 100
96 94.1 76.4 114.6

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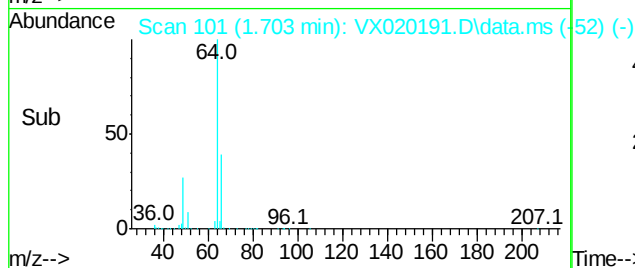
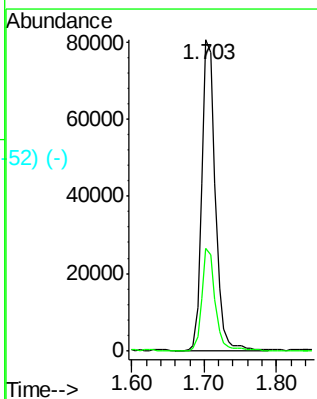
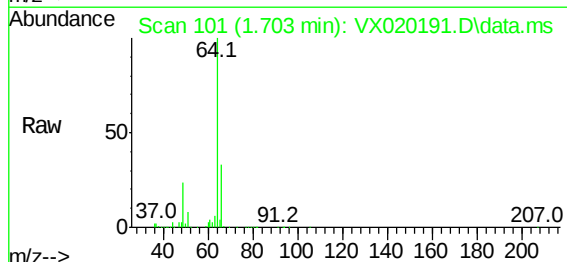
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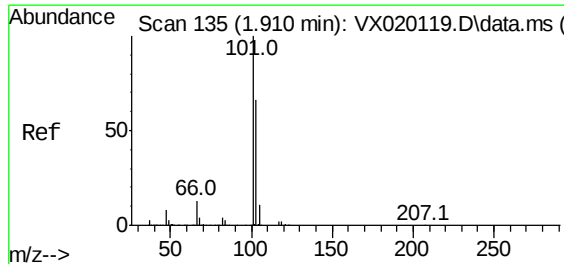
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Chloroethane
Concen: 50.41 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 64 Resp: 105018
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0





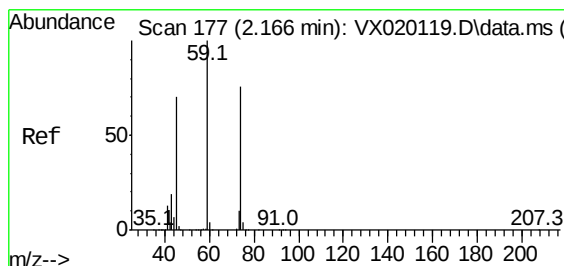
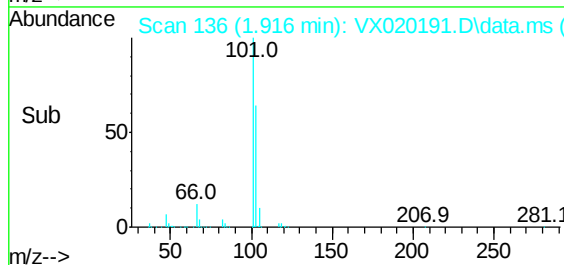
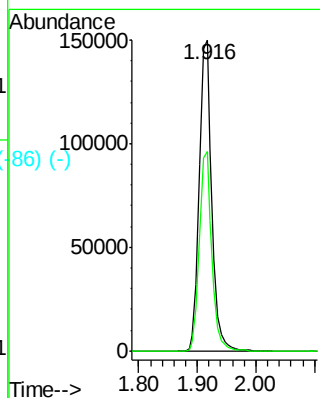
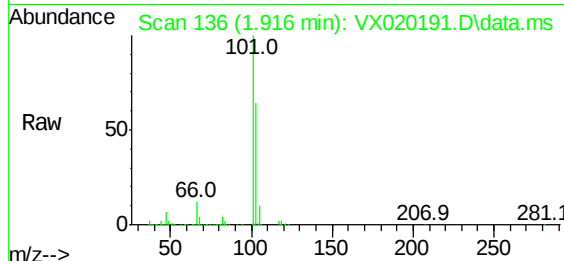
Trichlorofluoromethane
 Concen: 51.26 ug/l
 RT: 1.916 min Scan# 136
 Delta R.T. 0.006 min
 Lab File: VX020191.D
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Tgt Ion: 101 Resp: 220554
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.2 79.8

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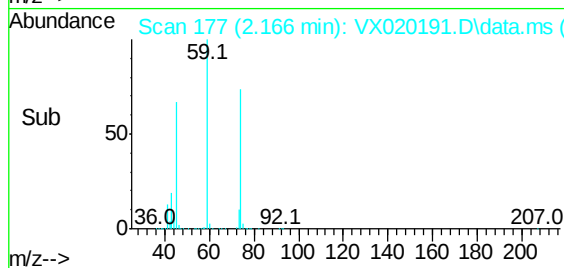
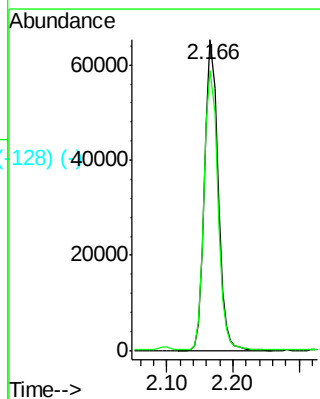
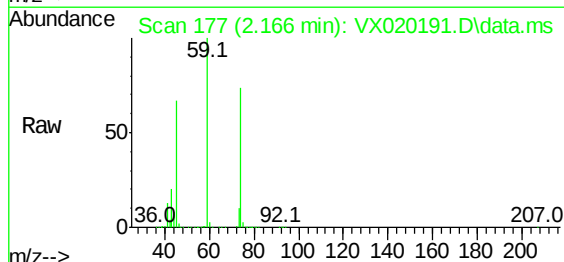
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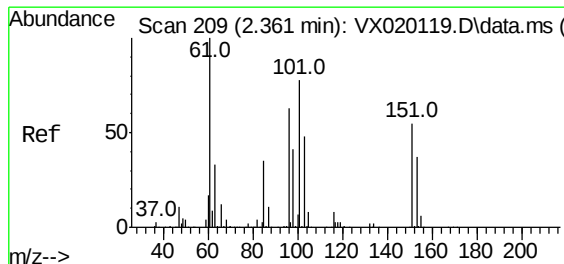
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Diethyl Ether
 Concen: 48.60 ug/l
 RT: 2.166 min Scan# 177
 Delta R.T. 0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Tgt Ion: 74 Resp: 91005
 Ion Ratio Lower Upper
 74 100
 45 92.1 44.5 133.5





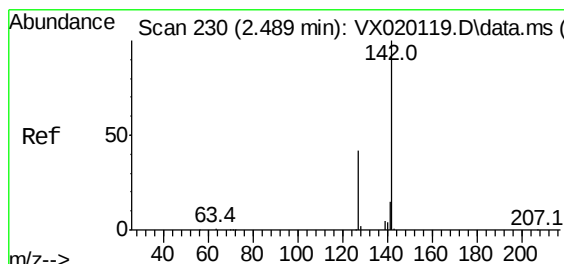
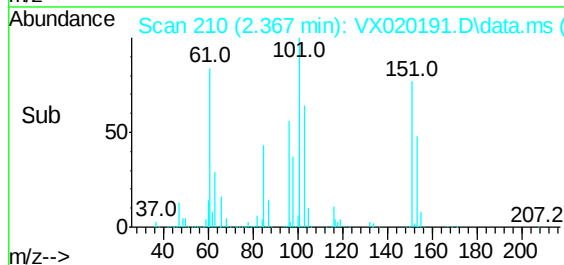
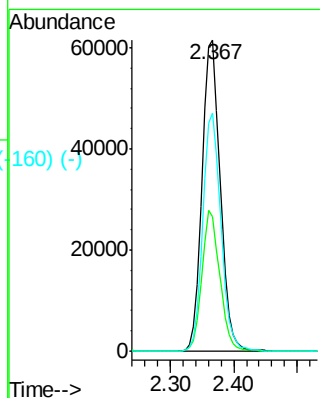
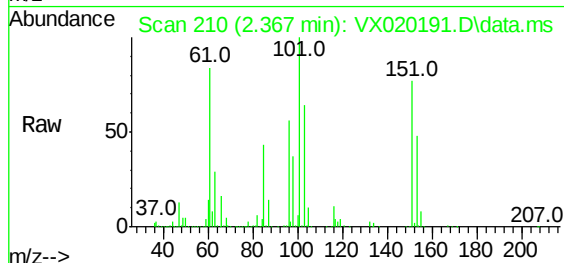
1,1,2-Trichlorotrifluoroethane
Concen: 48.76 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion:	101	Resp:	118709
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.9	52.3
151	75.5	61.4	92.2

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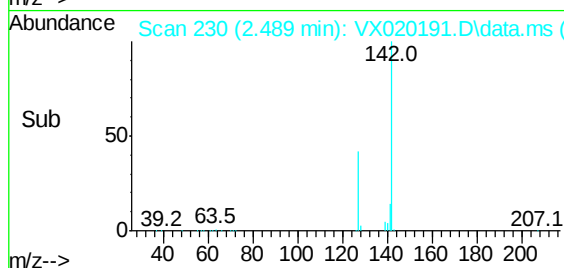
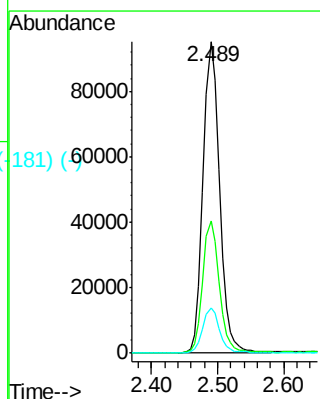
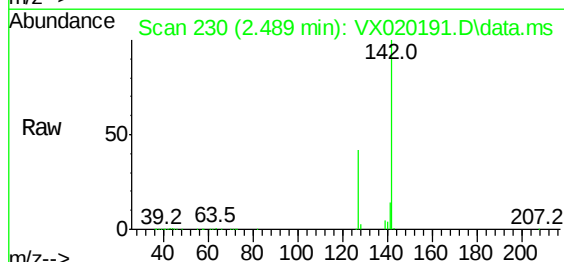
Manual Integrations
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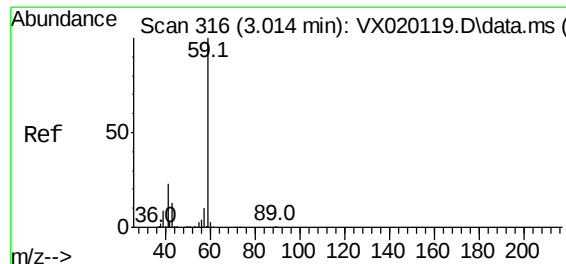
MMDadoda
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Methyl Iodide
Concen: 49.92 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion:	142	Resp:	163791
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.3	49.9
141	14.2	11.4	17.0





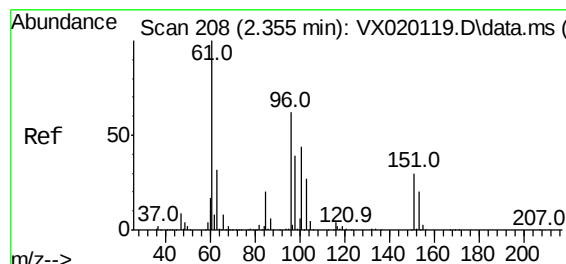
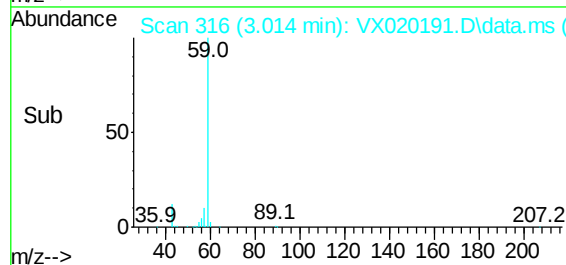
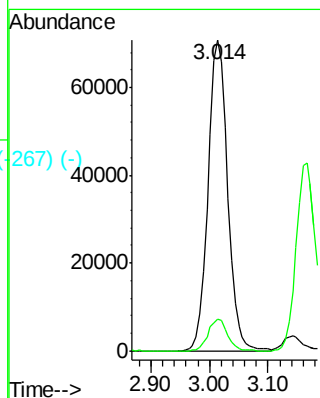
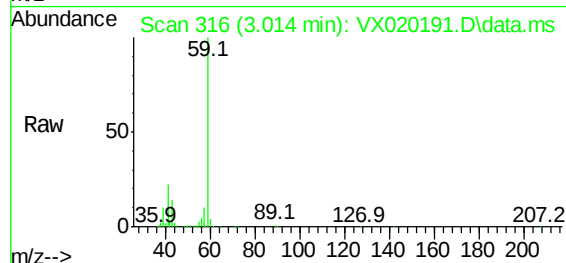
Tert butyl alcohol
 Concen: 223.26 ug/l
 RT: 3.014 min Scan# 316
 Delta R.T. -0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Tgt Ion: 59 Resp: 163438
 Ion Ratio Lower Upper
 59 100
 57 10.1 7.8 11.8

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MSD

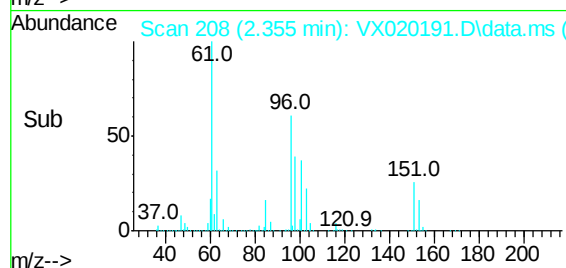
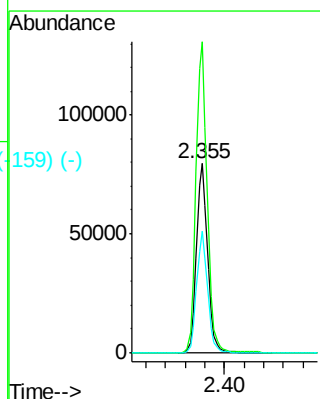
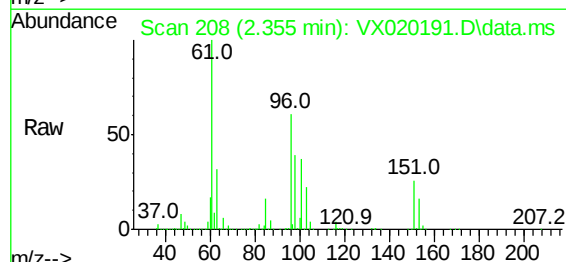
Manual Integrations
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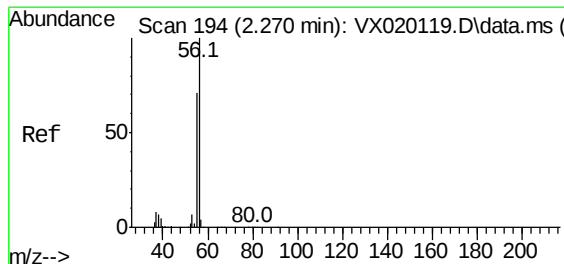
MMDadoda
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1,1-Dichloroethene
 Concen: 49.78 ug/l
 RT: 2.355 min Scan# 208
 Delta R.T. 0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Tgt Ion: 96 Resp: 124016
 Ion Ratio Lower Upper
 96 100
 61 164.6 124.6 187.0
 98 64.5 50.6 76.0





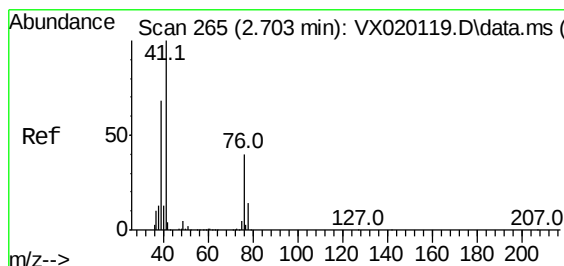
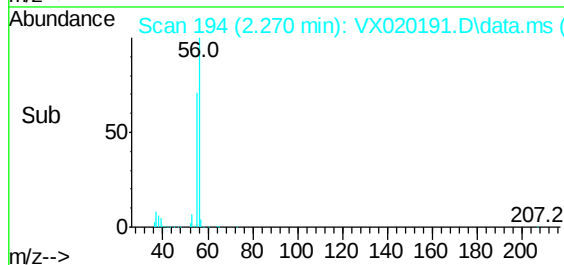
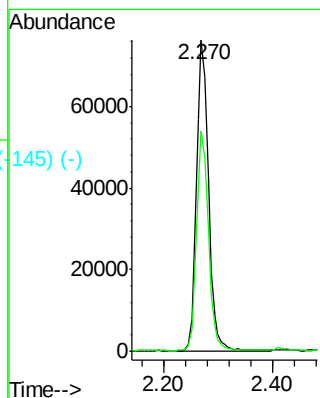
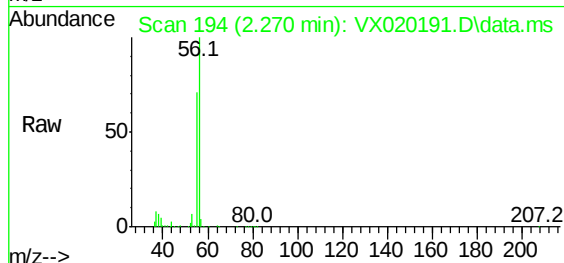
Acrolein
Concen: 254.13 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 56 Resp: 116250
Ion Ratio Lower Upper
56 100
55 70.0 56.4 84.6

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

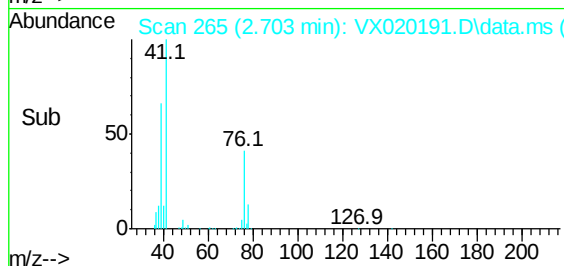
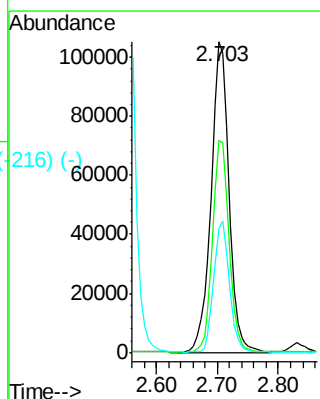
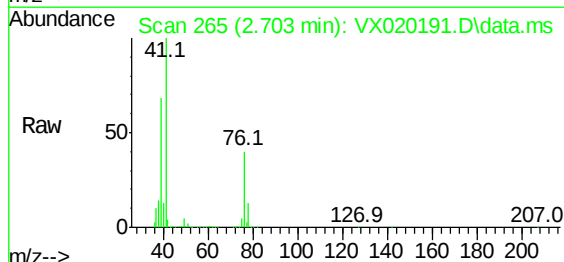
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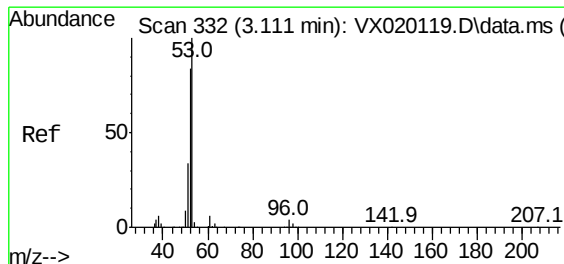
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Allyl chloride
Concen: 47.76 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 41 Resp: 211180
Ion Ratio Lower Upper
41 100
39 63.2 51.6 77.4
76 37.0 30.5 45.7





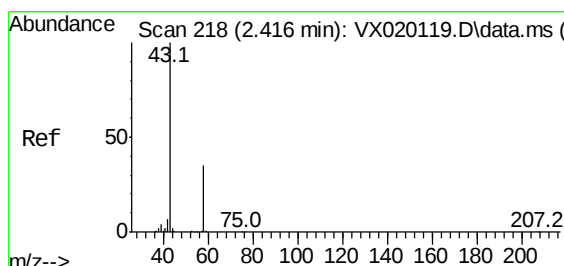
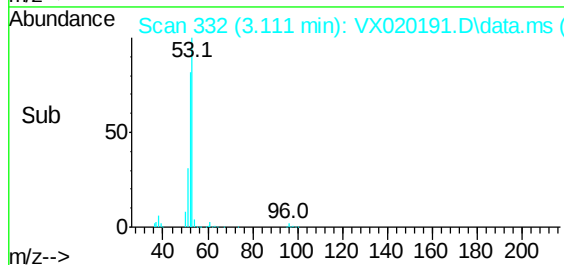
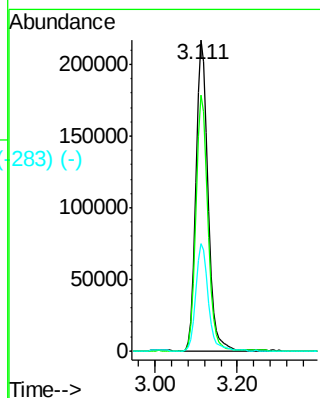
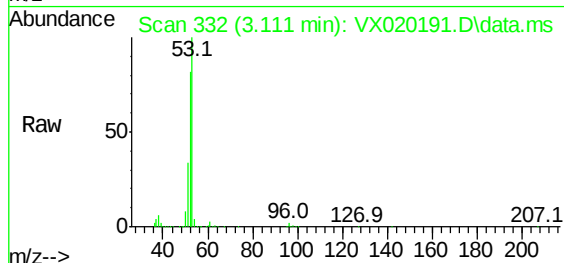
#15 (-)
Acrylonitrile
Concen: 257.02 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 53 Resp: 432873
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 35.2 28.2 42.2

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

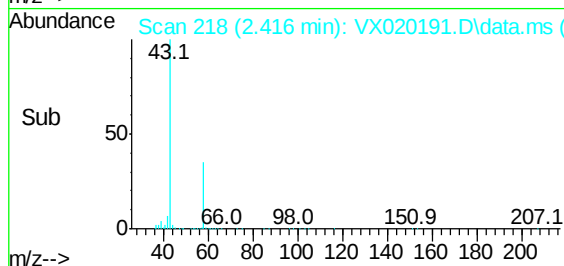
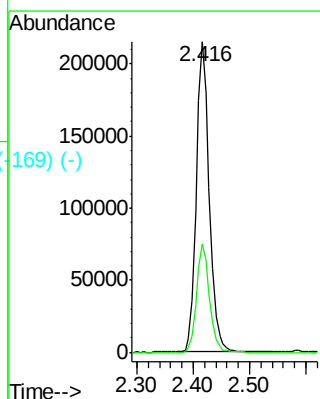
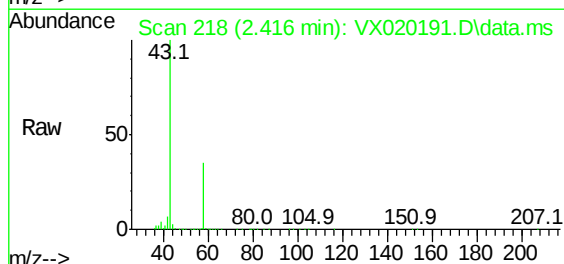
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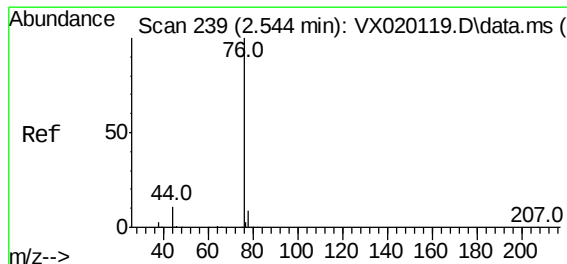
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#16 (-)
Acetone
Concen: 229.16 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

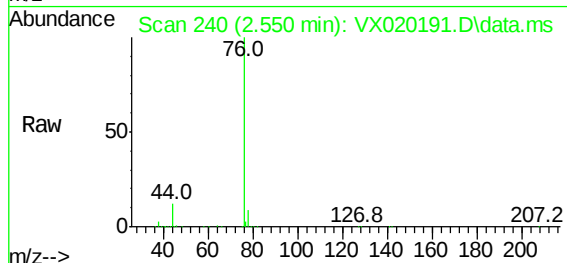
Tgt Ion: 43 Resp: 341613
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8





Carbon Disulfide
Concen: 48.29 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

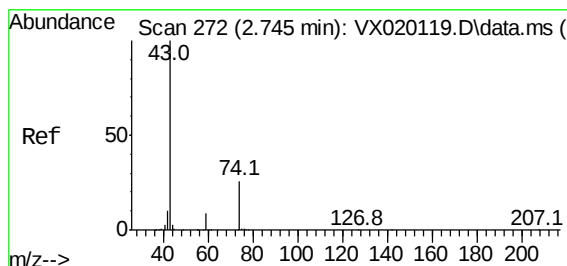
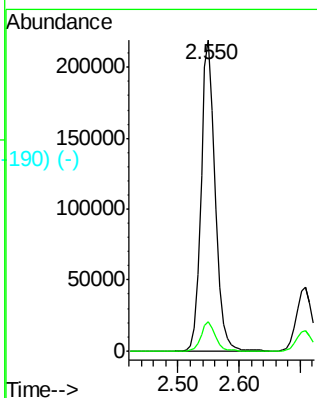
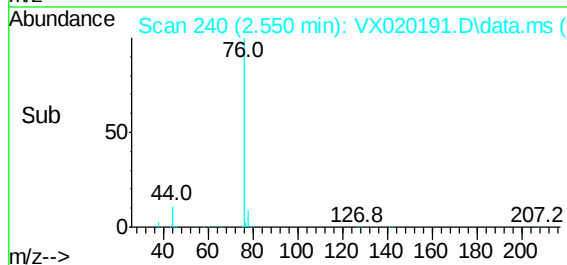
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD



Tgt Ion: 76 Resp: 355409
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

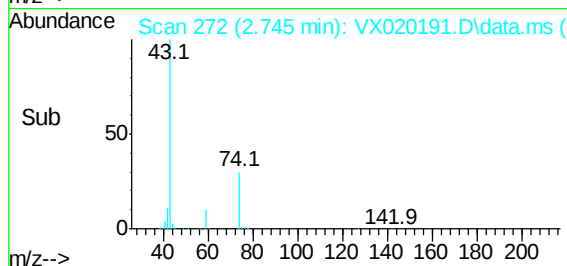
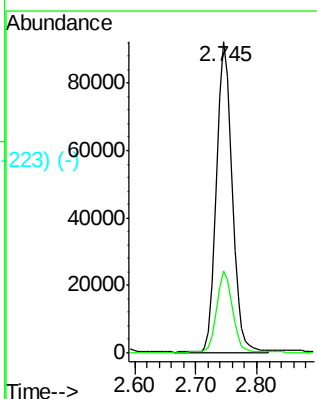
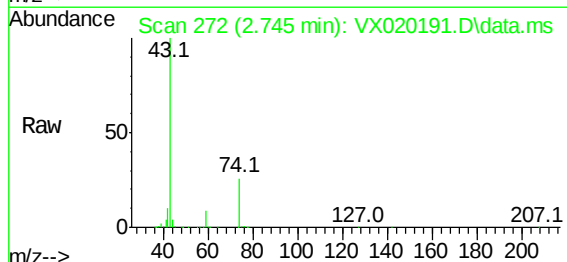
Manual Integrations
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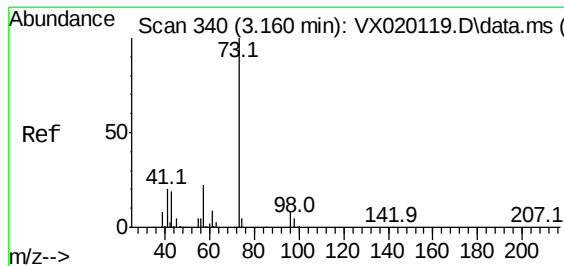
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Methyl Acetate
Concen: 48.81 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

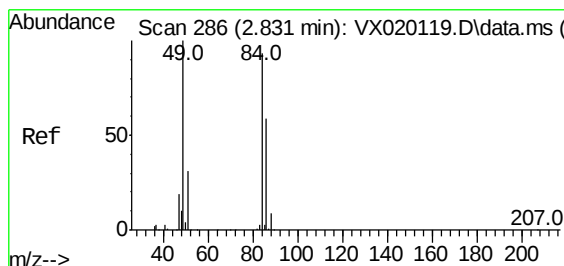
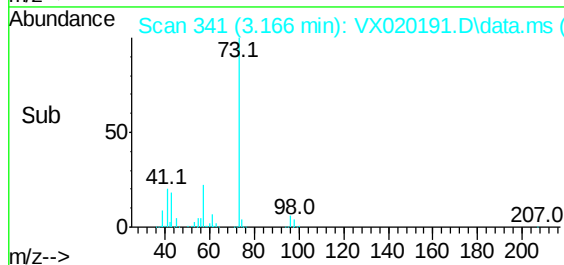
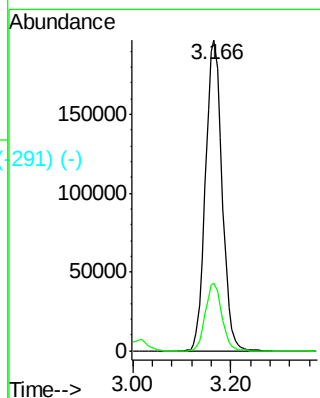
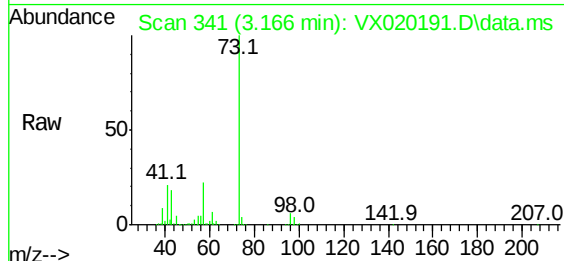
Tgt Ion: 43 Resp: 162285
Ion Ratio Lower Upper
43 100
74 26.5 21.9 32.9





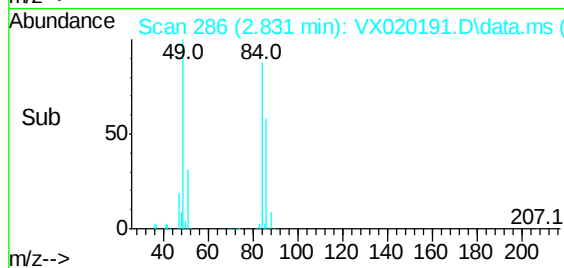
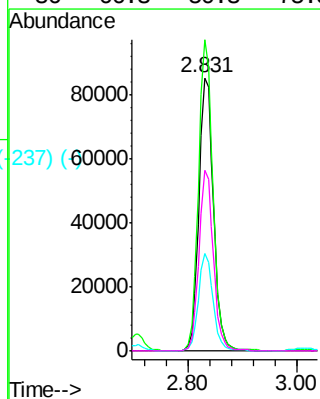
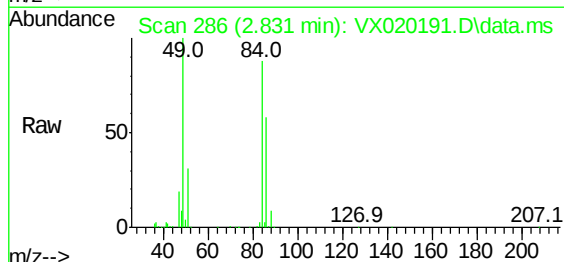
#329 (-)
Methyl tert-butyl Ether
Concen: 49.52 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 73 Resp: 461850
Ion Ratio Lower Upper
73 100
57 21.8 17.1 25.7



#279 (-)
Methylene Chloride
Concen: 46.80 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

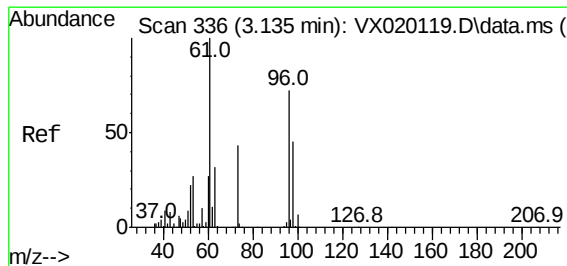
Tgt Ion: 84 Resp: 157289
Ion Ratio Lower Upper
84 100
49 114.0 88.6 132.8
51 35.8 27.0 40.6
86 66.3 50.3 75.5



Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

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trans-1,2-Dichloroethene
Concen: 48.72 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

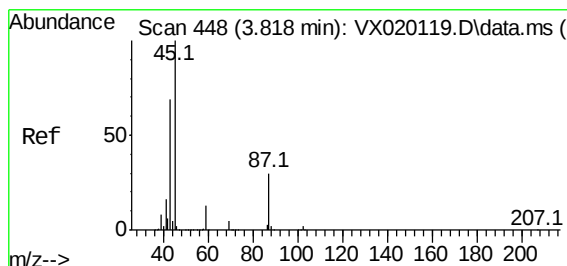
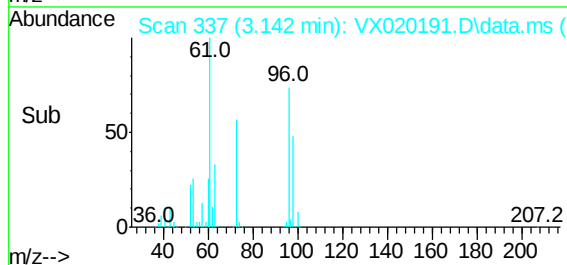
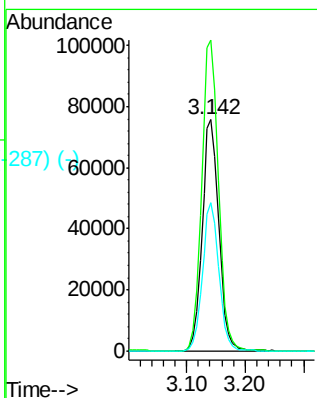
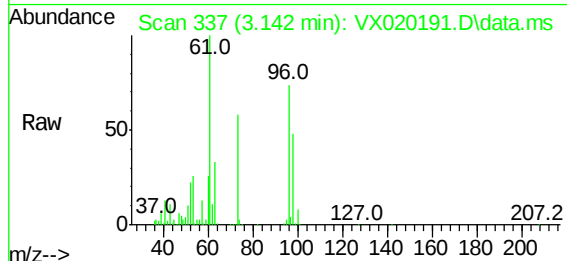
Tgt Ion: 96 Resp: 147282

Ion	Ratio	Lower	Upper
96	100		
61	134.5	107.7	161.5
98	64.4	50.4	75.6

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

Manual Integrations
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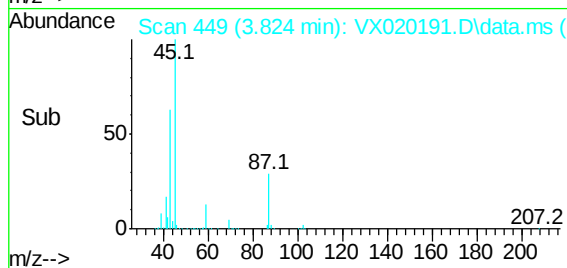
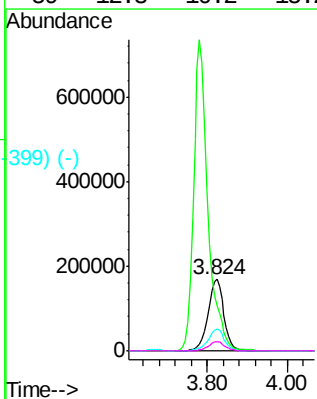
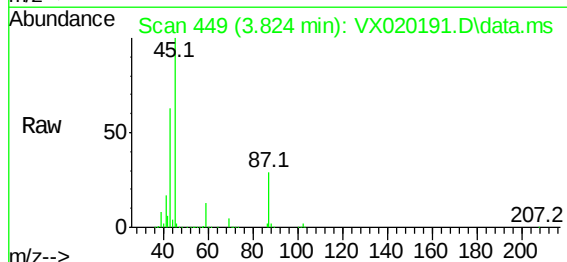
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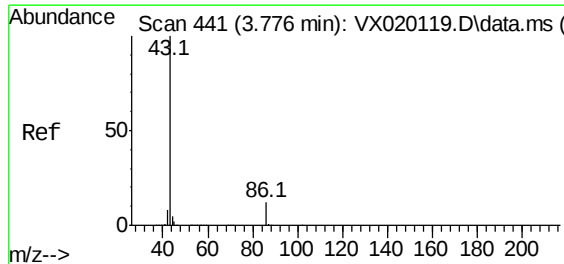


Diisopropyl ether
Concen: 50.16 ug/l
RT: 3.824 min Scan# 449
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 45 Resp: 452674

Ion	Ratio	Lower	Upper
45	100		
43	62.8	58.0	87.0
87	29.4	25.4	38.0
59	12.8	10.2	15.2





Vinyl Acetate
Concen: 238.37 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

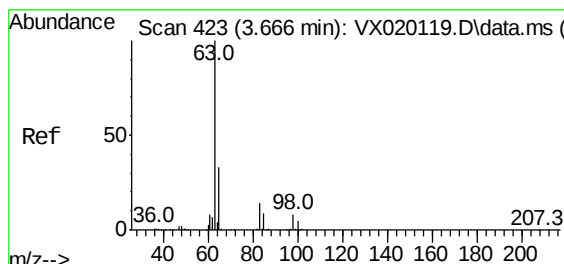
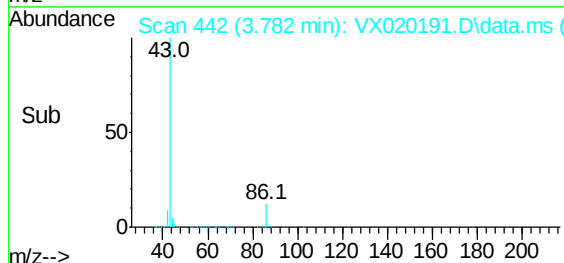
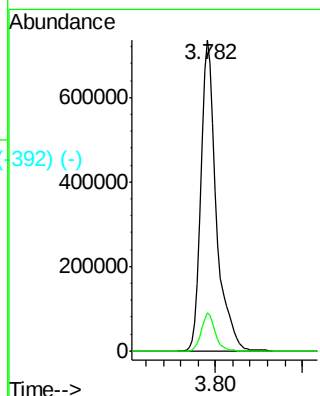
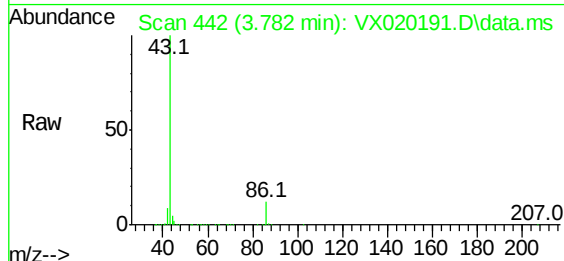
Tgt Ion: 43 Resp: 1833421

Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.9	14.9

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

Manual Integrations
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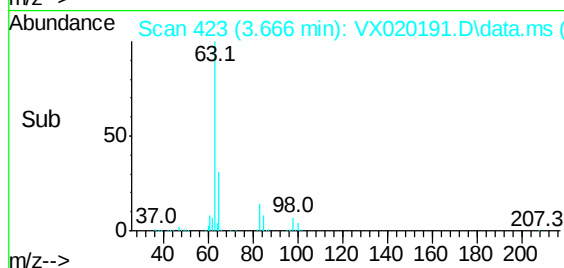
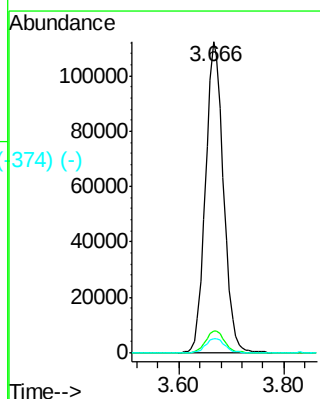
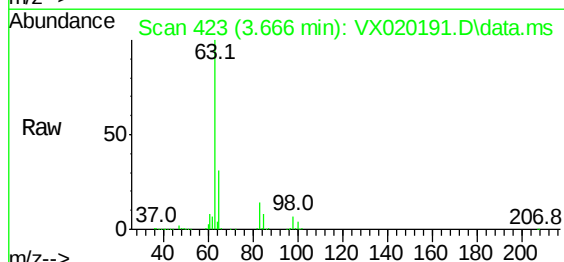
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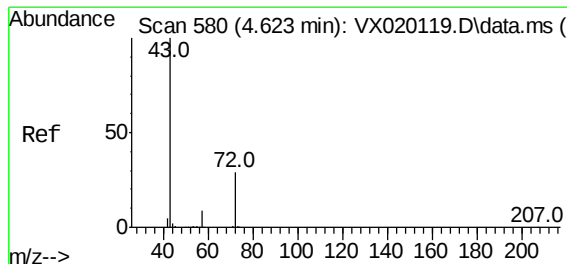


1,1-Dichloroethane
Concen: 49.89 ug/l
RT: 3.666 min Scan# 423
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 63 Resp: 265151

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.2
100	4.4	2.5	7.5



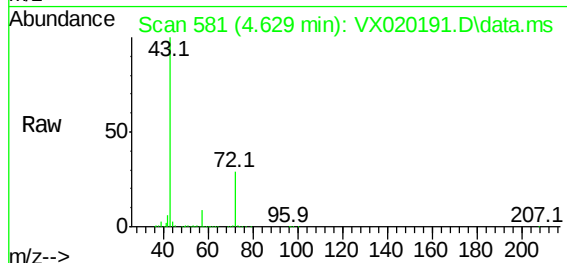


2-Butanone
Concen: 253.46 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

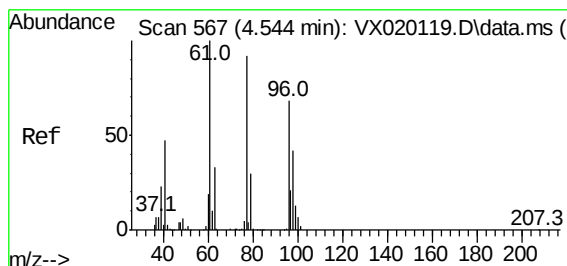
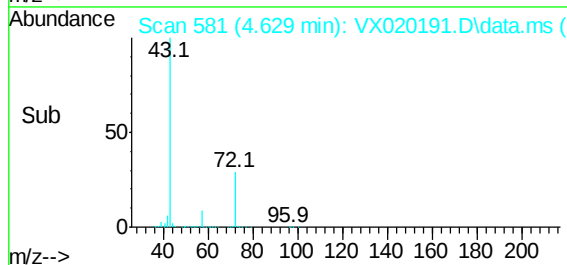
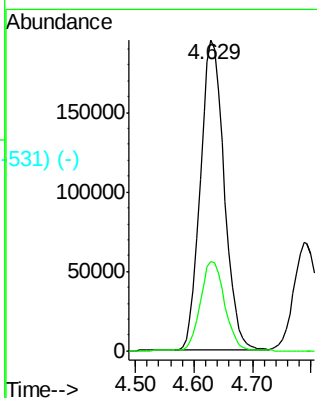
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

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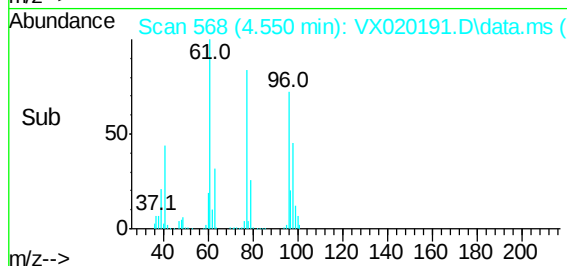
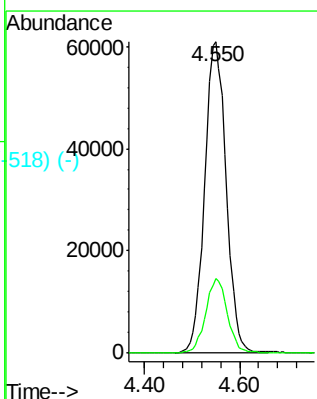
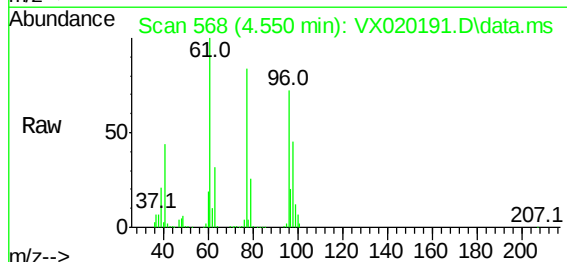


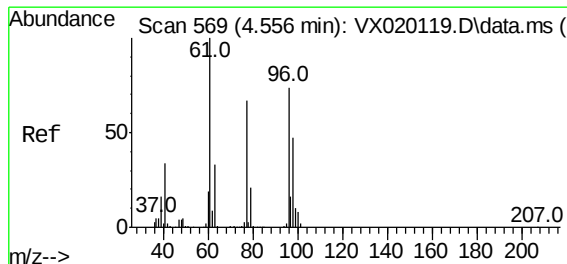
Tgt Ion: 43 Resp: 549926
Ion Ratio Lower Upper
43 100
72 28.7 23.7 35.5



2,2-Dichloropropane
Concen: 43.07 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 77 Resp: 188885
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.1





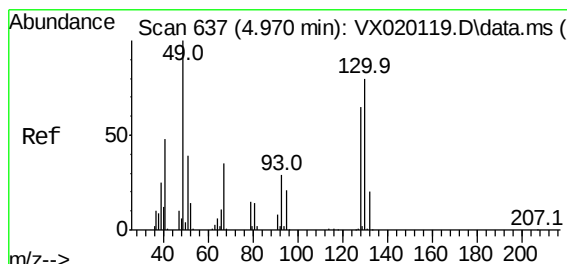
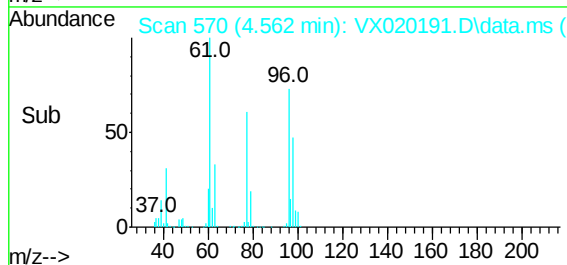
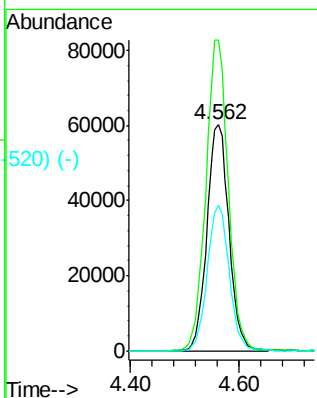
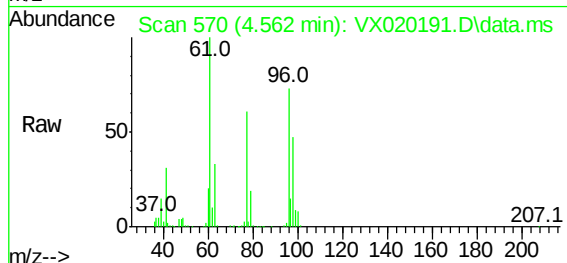
cis-1,2-Dichloroethene
Concen: 49.29 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 96 Resp: 168176
Ion Ratio Lower Upper
96 100
61 140.5 0.0 285.6
98 64.2 0.0 129.6

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

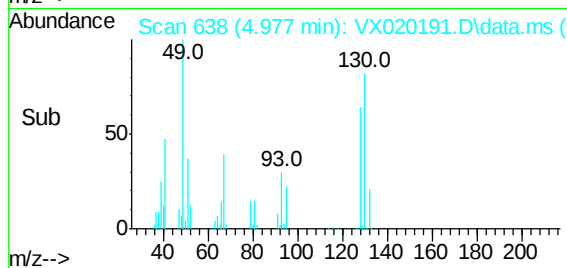
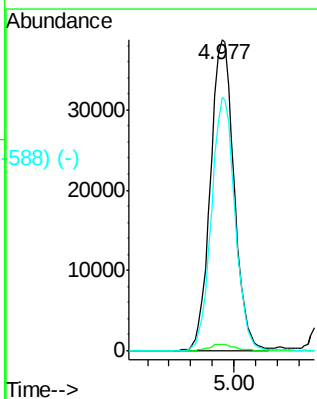
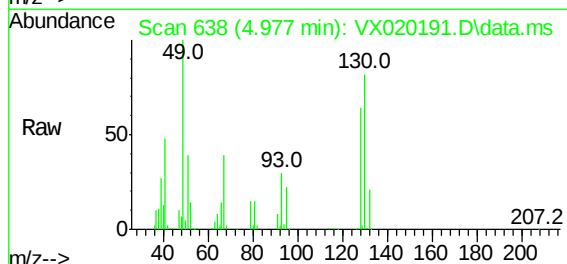
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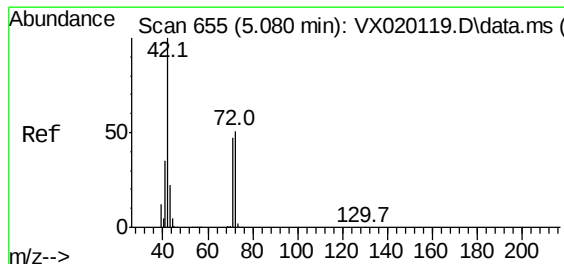
MMDadoda
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Bromochloromethane
Concen: 49.43 ug/l
RT: 4.977 min Scan# 638
Delta R.T. 0.007 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 49 Resp: 116993
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 81.2 68.2 102.2





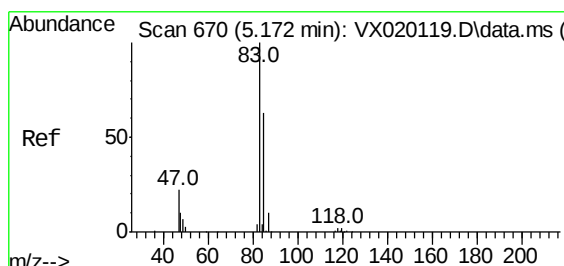
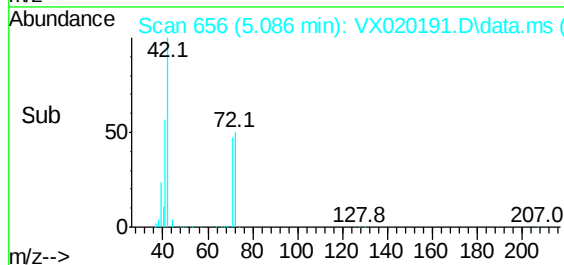
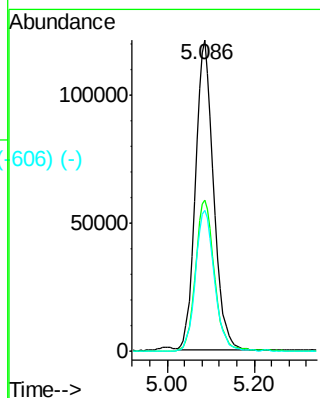
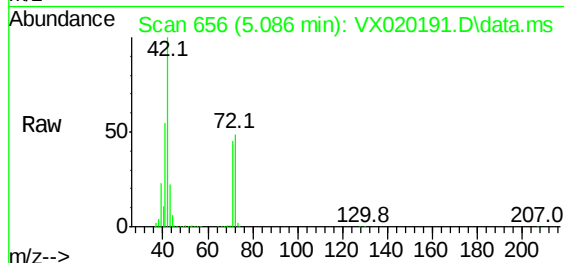
#49 (-)
Tetrahydrofuran
Concen: 261.83 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 42 Resp: 357393
Ion Ratio Lower Upper
42 100
72 50.4 41.7 62.5
71 46.8 38.4 57.6

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

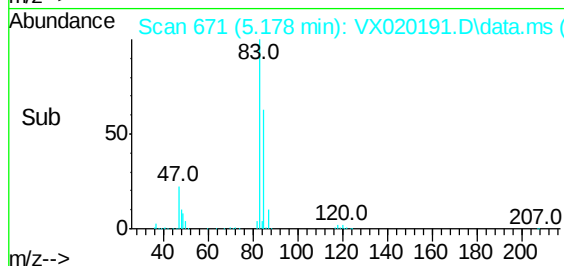
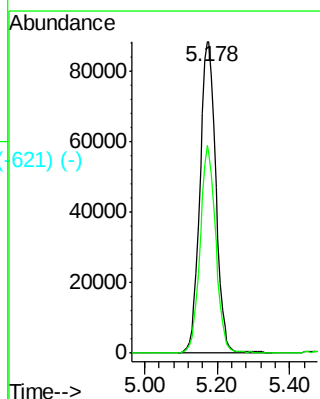
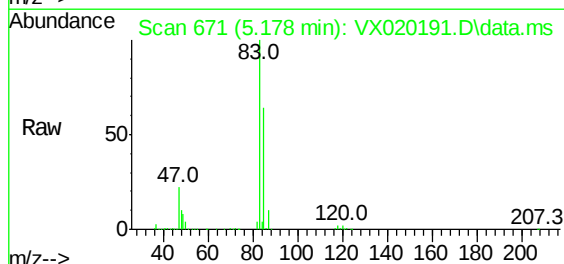
Manual Integrations
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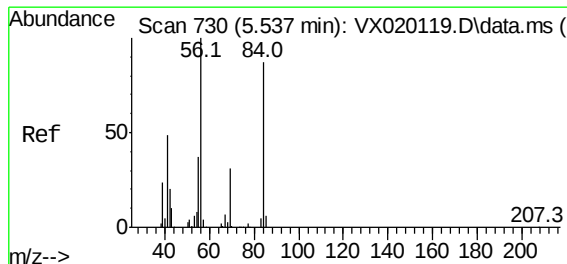
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#50 (-)
Chloroform
Concen: 49.67 ug/l
RT: 5.178 min Scan# 671
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 83 Resp: 268782
Ion Ratio Lower Upper
83 100
85 64.0 52.0 78.0





Cyclohexane
Concen: 51.88 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.007 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

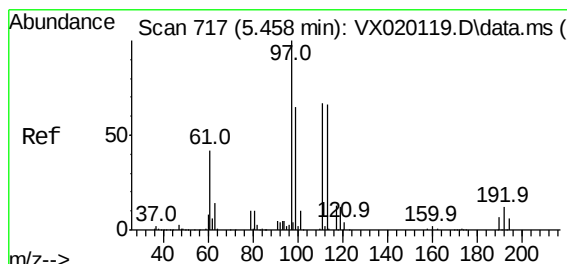
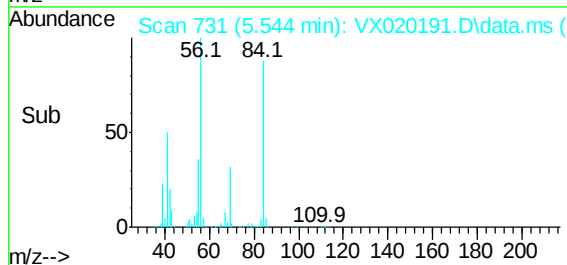
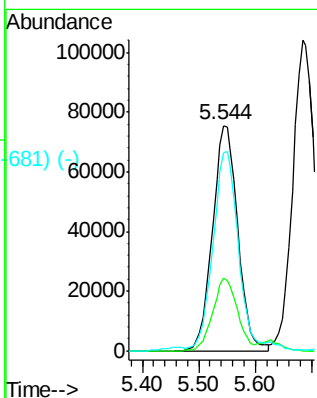
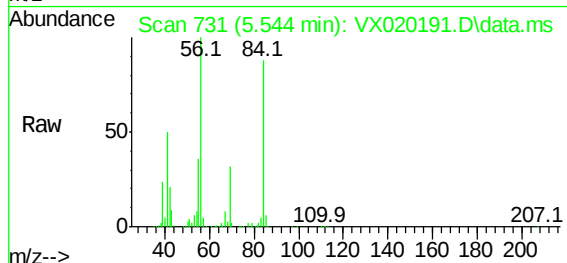
Tgt Ion: 56 Resp: 233851

Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.3	37.9
84	86.5	71.4	107.0

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

Manual Integrations
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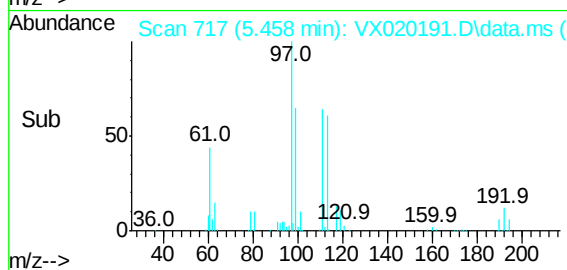
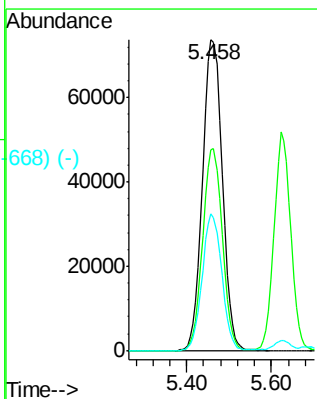
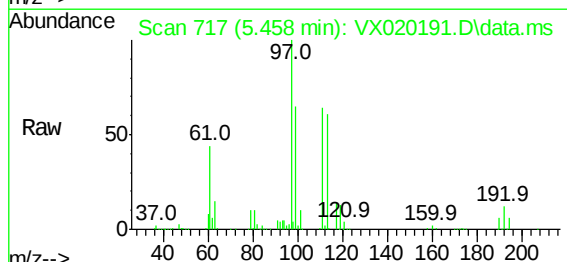
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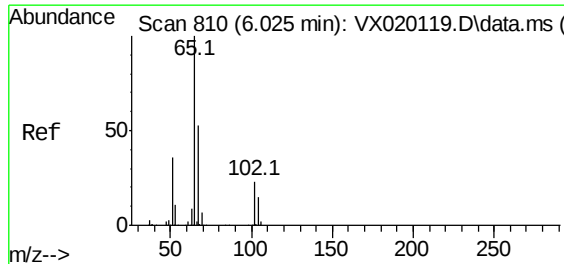


1,1,1-Trichloroethane
Concen: 50.79 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 97 Resp: 229190

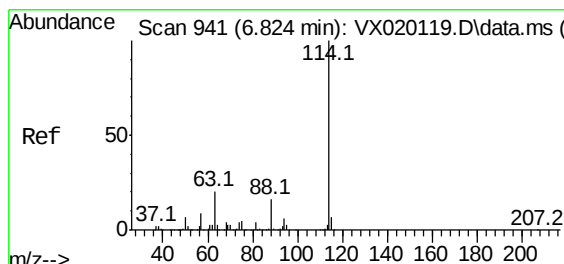
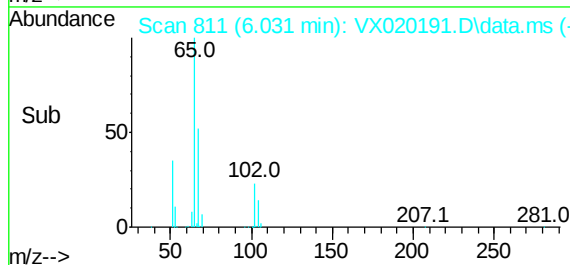
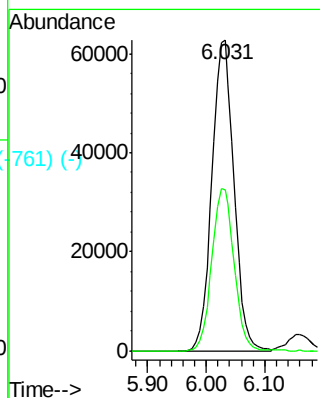
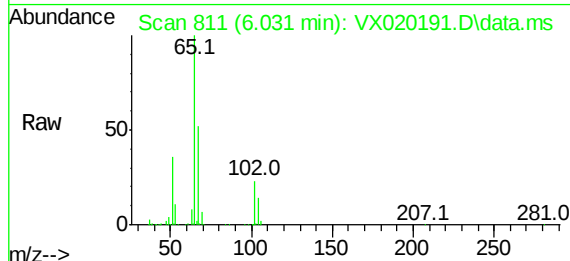
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	43.4	34.2	51.4





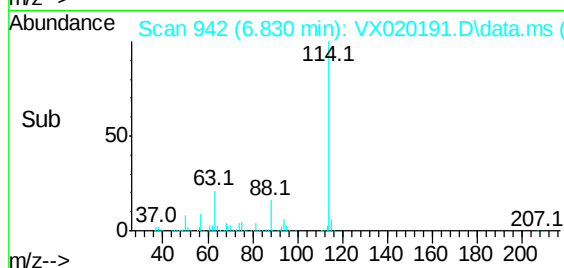
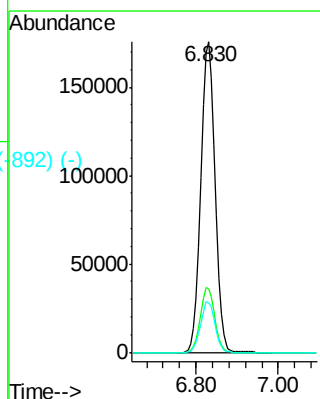
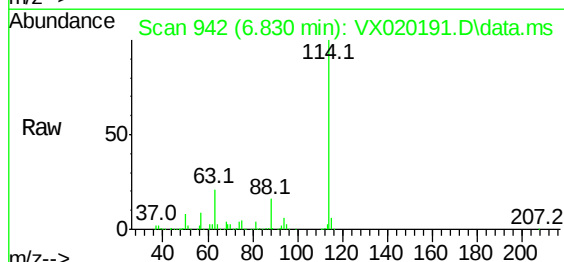
1,2-Dichloroethane-d4
Concen: 50.05 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 65 Resp: 163616
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

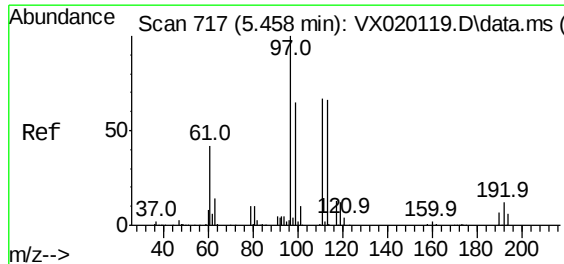
Tgt Ion: 114 Resp: 412909
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.9 0.0 32.8



Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

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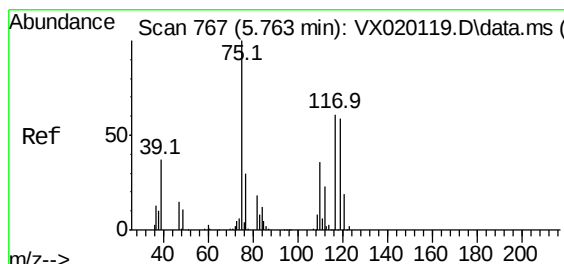
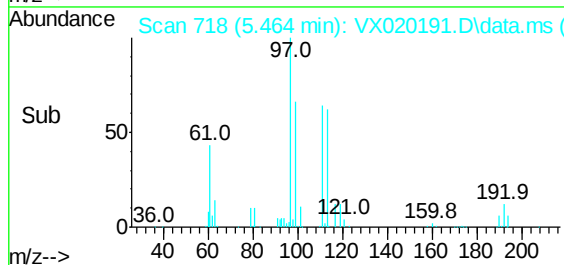
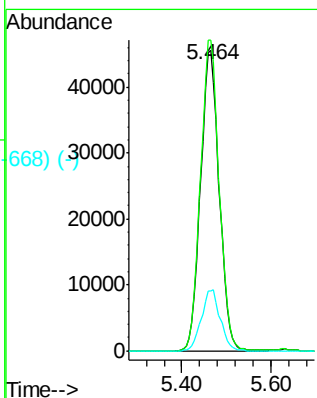
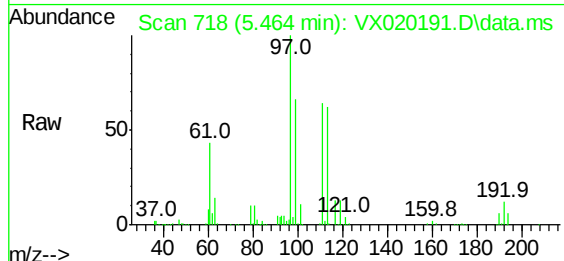
Scan 717 (5.458 min): VX020119.D\data.ms (-765)
 Dibromofluoromethane
 Concen: 49.81 ug/l
 RT: 5.464 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Tgt Ion:	113	Resp:	131567
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.9	122.9
192	20.4	16.7	25.1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MSD

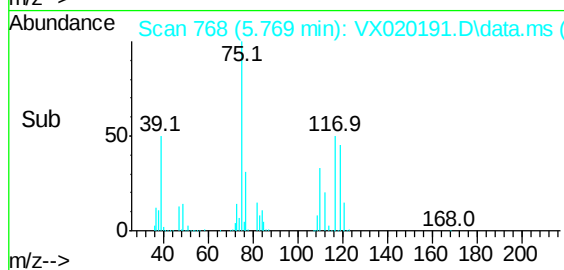
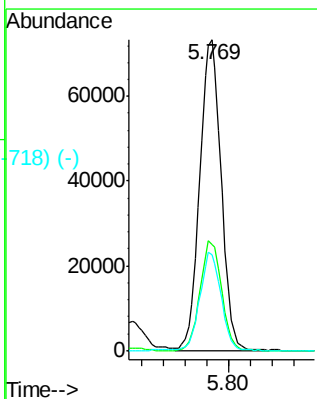
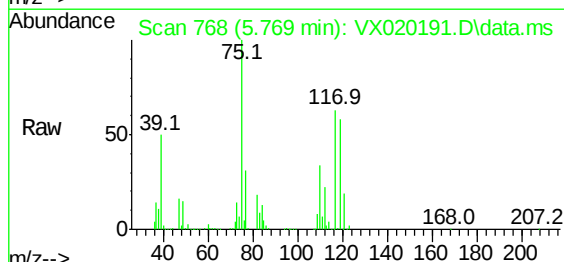
Manual Integrations
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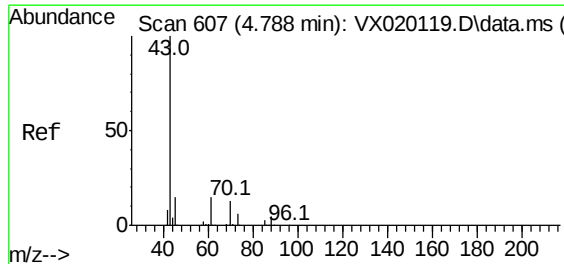
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Scan 767 (5.763 min): VX020119.D\data.ms (-766)
 1,1-Dichloropropene
 Concen: 48.68 ug/l
 RT: 5.769 min Scan# 768
 Delta R.T. 0.006 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Tgt Ion:	75	Resp:	198643
Ion Ratio	Lower	Upper	
75	100		
110	35.5	18.1	54.4
77	31.2	25.3	37.9





Ethyl Acetate
Concen: 47.22 ug/l
RT: 4.788 min Scan# 607
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

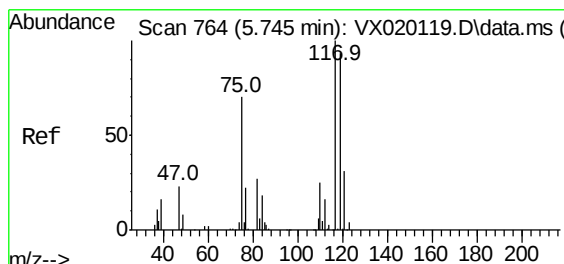
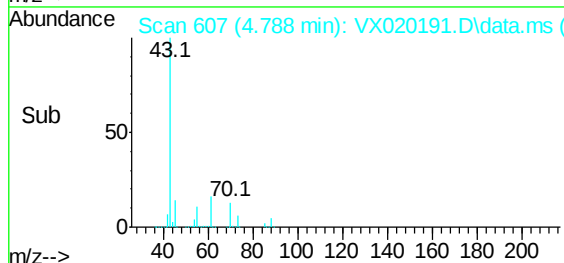
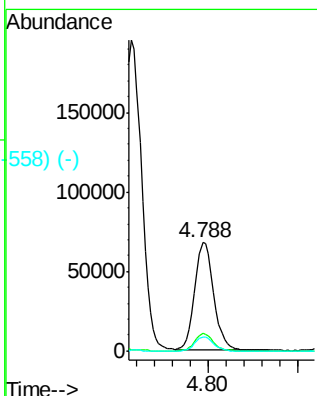
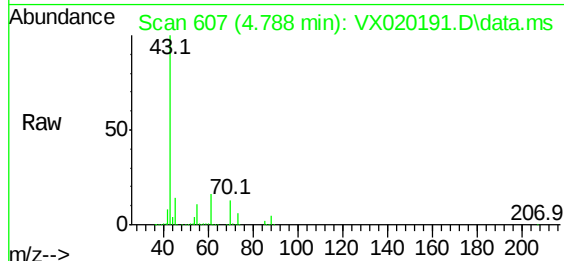
Tgt Ion: 43 Resp: 200272

Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.8	19.2
70	12.7	10.5	15.7

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

Manual Integrations
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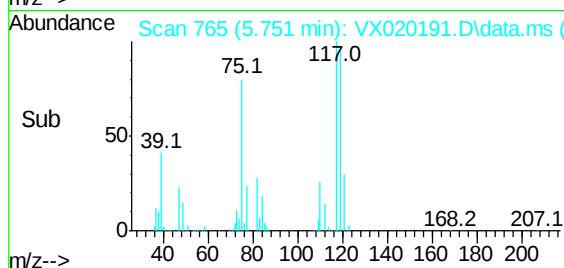
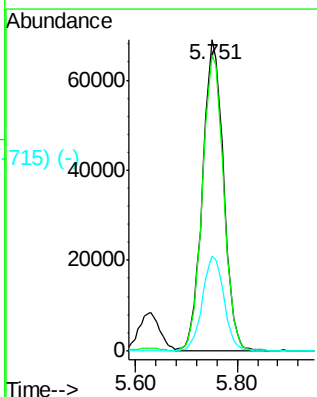
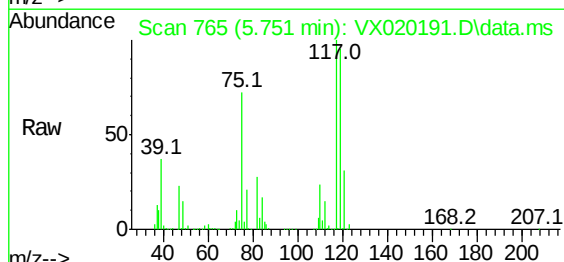
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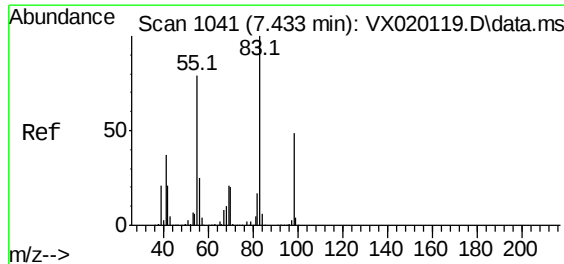


Carbon Tetrachloride
Concen: 50.57 ug/l
RT: 5.751 min Scan# 765
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 117 Resp: 196287

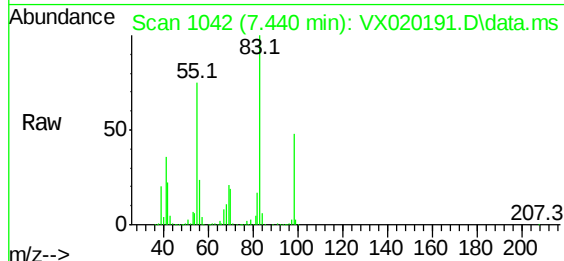
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.2	114.2
121	30.5	24.8	37.2





#899 (-)
Methylcyclohexane
Concen: 49.63 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.007 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

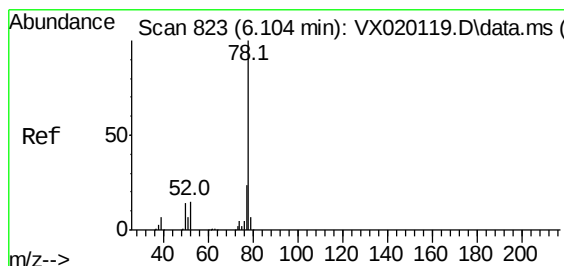
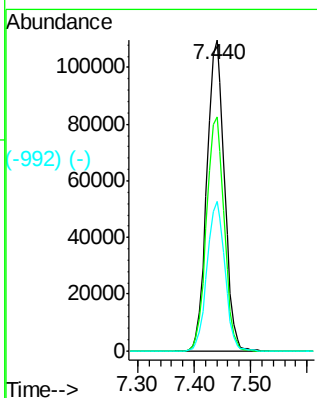
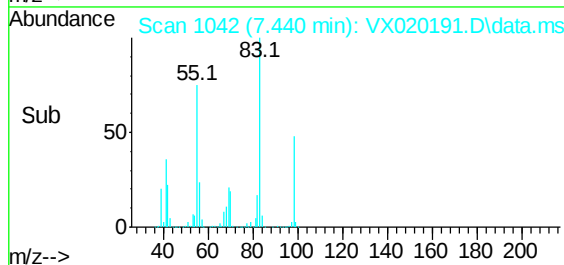
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD



Tgt Ion: 83 Resp: 233754
Ion Ratio Lower Upper
83 100
55 75.3 58.9 88.3
98 48.0 38.1 57.1

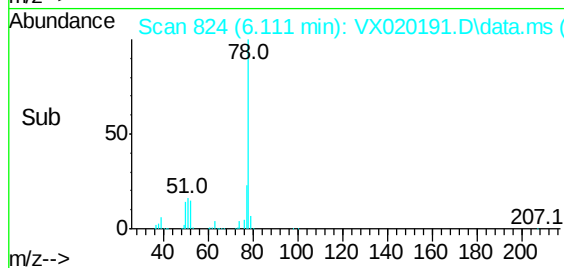
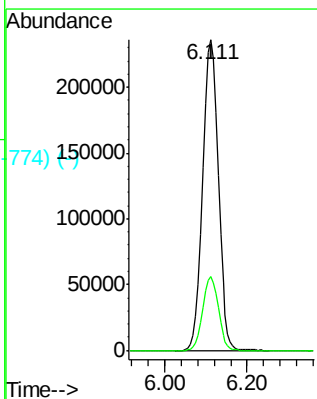
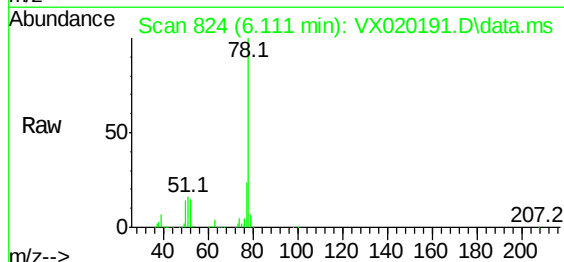
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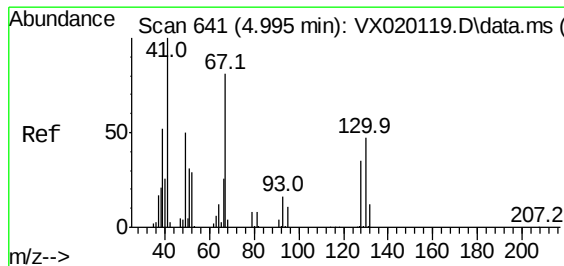
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#899 (-)
Benzene
Concen: 49.00 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 78 Resp: 622473
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3





#41 (-)
Methacrylonitrile
Concen: 52.40 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

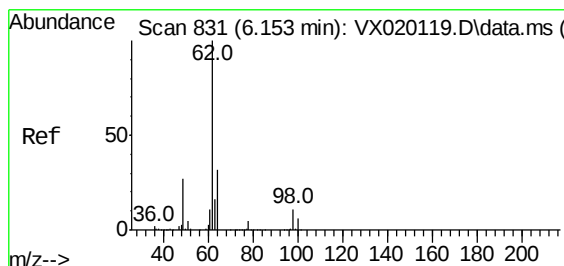
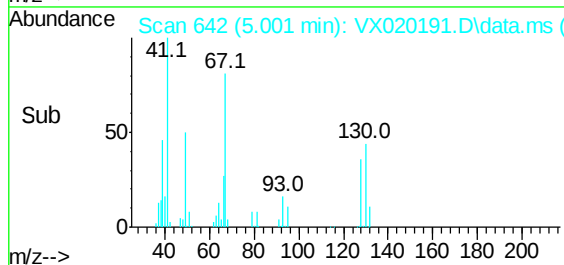
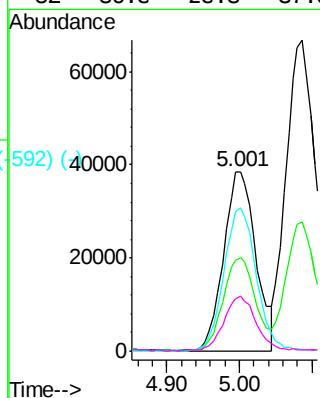
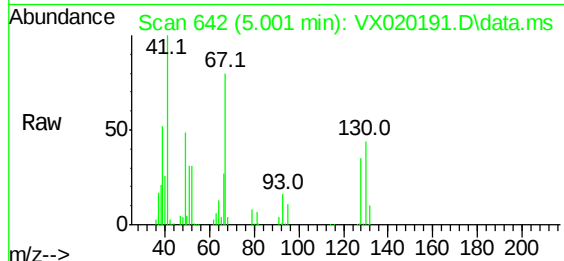
Tgt Ion: 41 Resp: 118405

Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.5	63.7
67	80.1	65.0	97.6
52	30.3	25.3	37.9

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

Manual Integrations
APPROVED

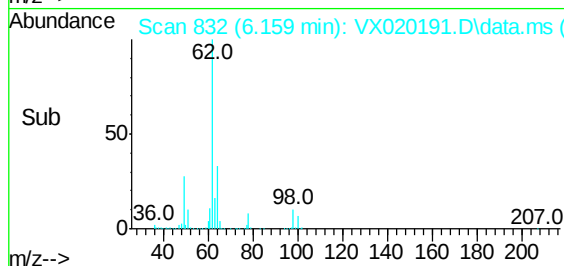
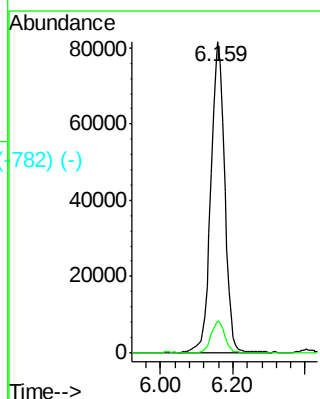
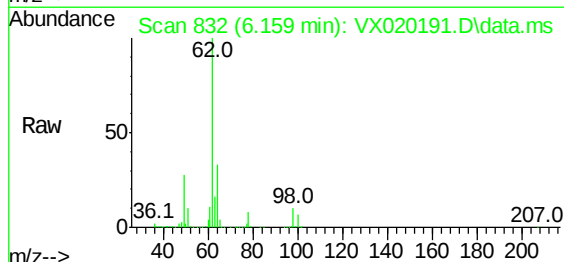
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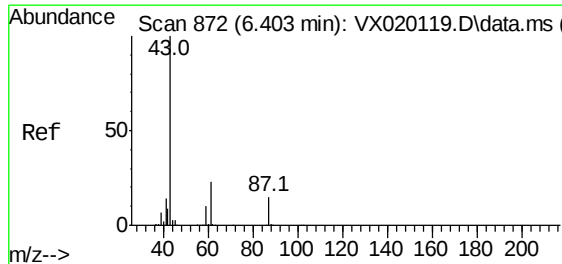


#42 (-)
1,2-Dichloroethane
Concen: 48.90 ug/l
RT: 6.159 min Scan# 832
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 62 Resp: 213084

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





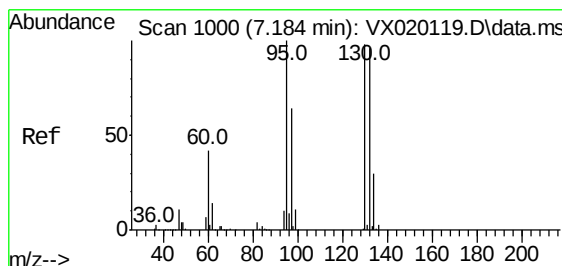
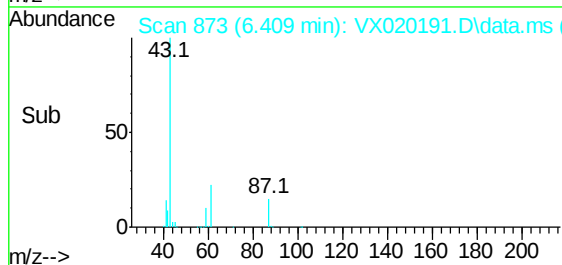
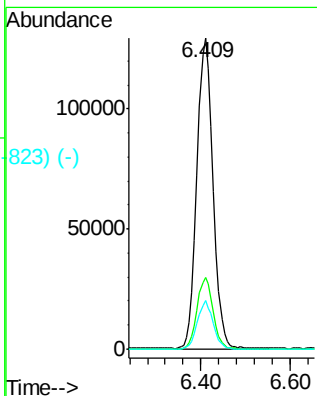
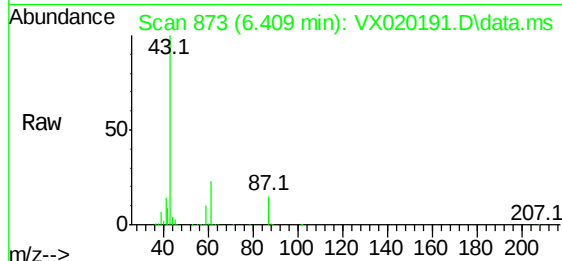
Isopropyl Acetate
Concen: 47.92 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 43 Resp: 320820
Ion Ratio Lower Upper
43 100
61 22.7 18.2 27.4
87 15.0 12.5 18.7

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

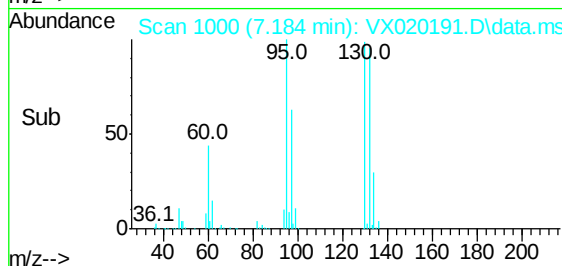
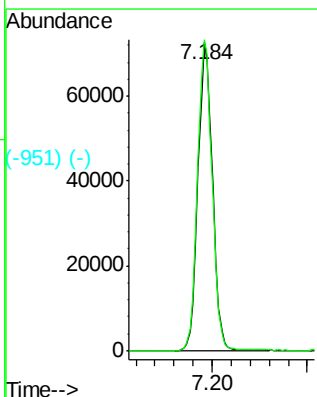
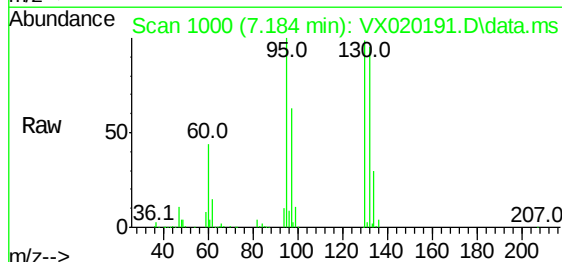
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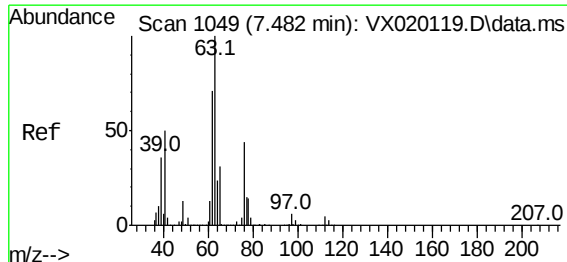
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Trichloroethene
Concen: 46.85 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion:130 Resp: 153843
Ion Ratio Lower Upper
130 100
95 101.0 0.0 198.0



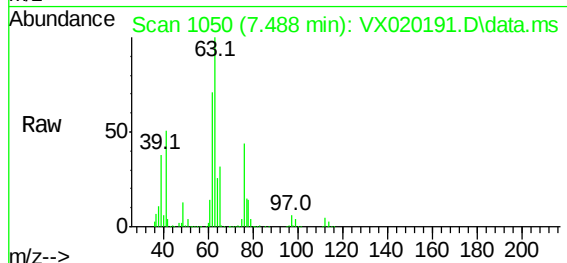


1,2-Dichloropropane
Concen: 48.80 ug/l
RT: 7.488 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

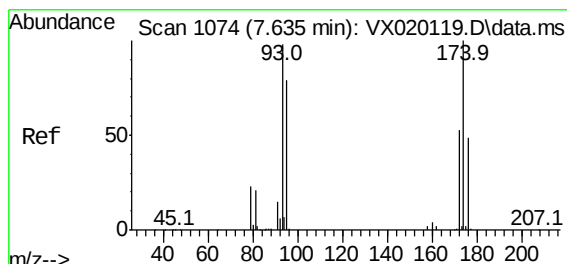
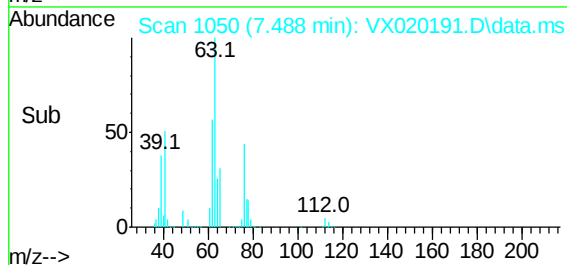
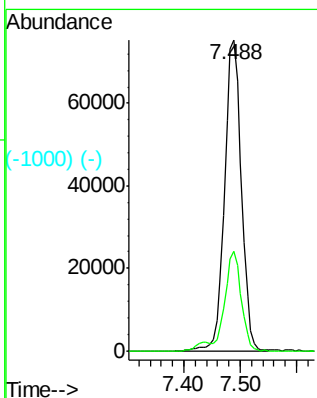
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

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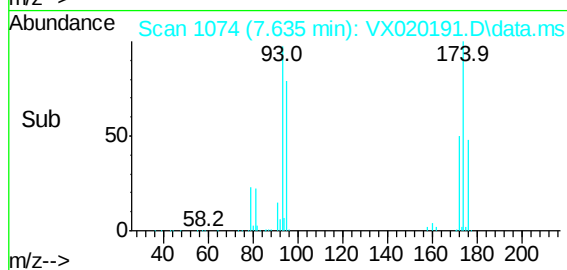
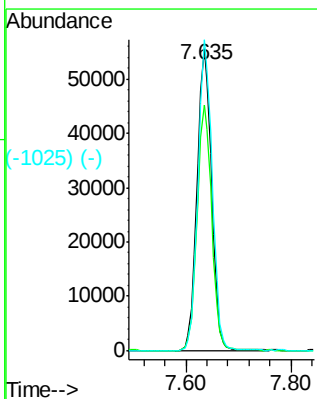
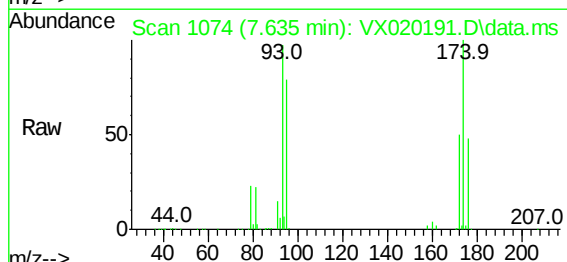


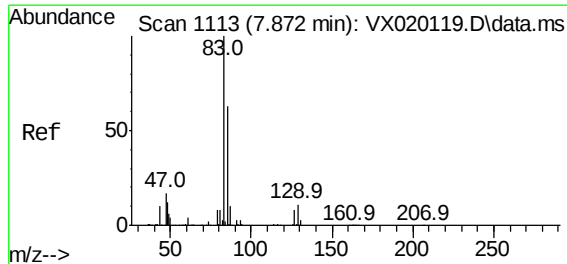
Tgt Ion: 63 Resp: 156674
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5



Dibromomethane
Concen: 48.58 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

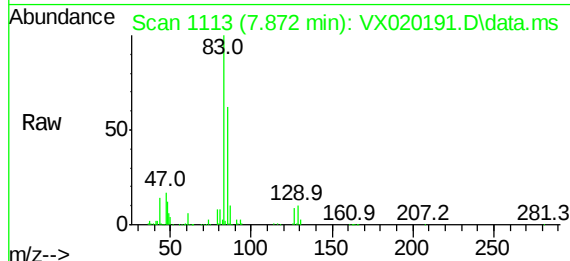
Tgt Ion: 93 Resp: 106691
Ion Ratio Lower Upper
93 100
95 81.5 66.8 100.2
174 101.1 83.1 124.7





#473 (-)
Bromodichloromethane
Concen: 50.29 ug/l
RT: 7.872 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

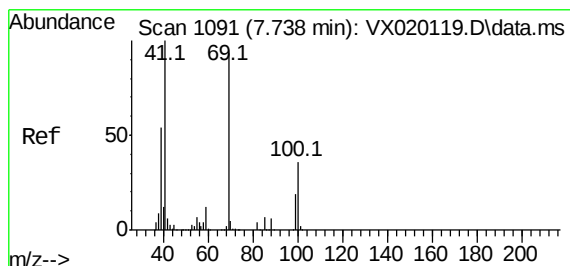
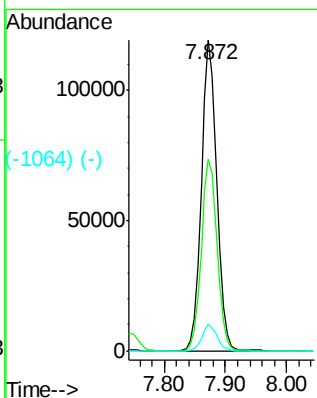
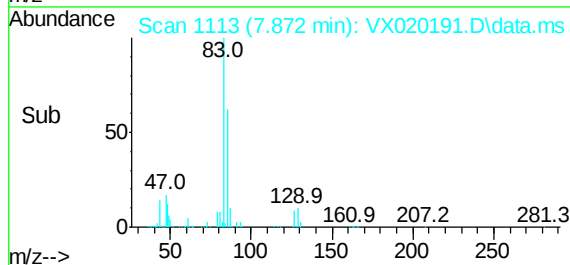
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD



Tgt Ion: 83 Resp: 210544
Ion Ratio Lower Upper
83 100
85 61.6 51.4 77.0
127 8.5 6.8 10.2

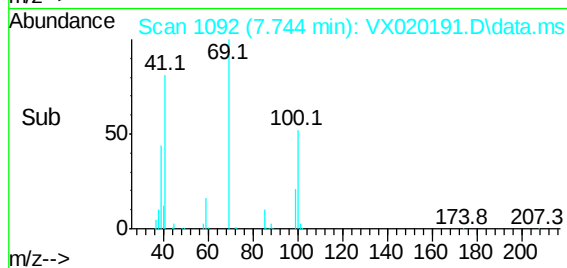
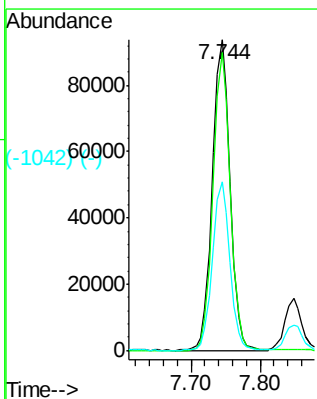
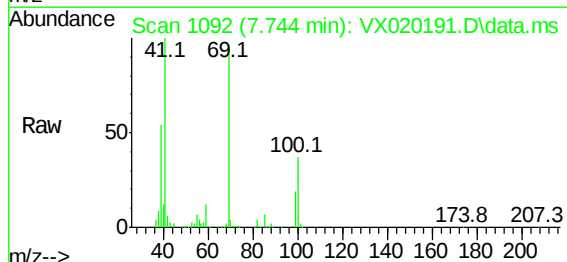
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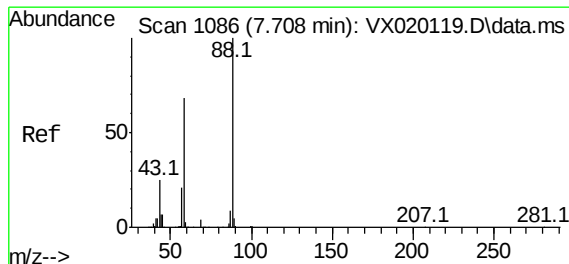
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#480 (-)
Methyl methacrylate
Concen: 50.89 ug/l
RT: 7.744 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 41 Resp: 166984
Ion Ratio Lower Upper
41 100
69 94.0 76.0 114.0
39 53.8 44.6 67.0





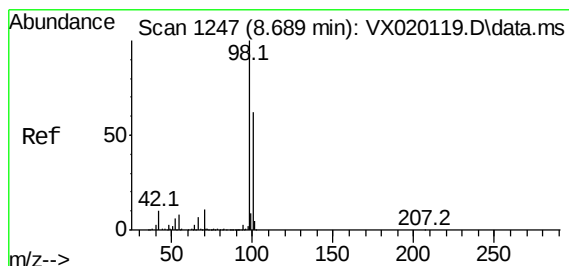
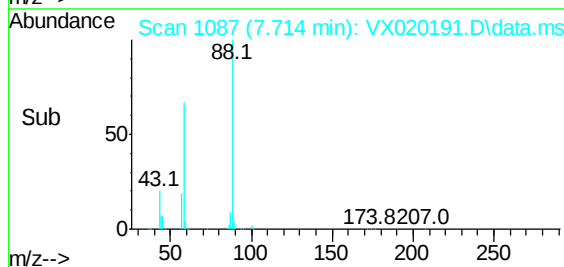
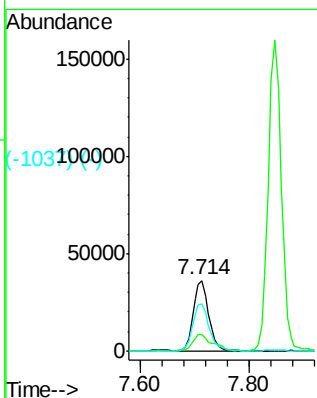
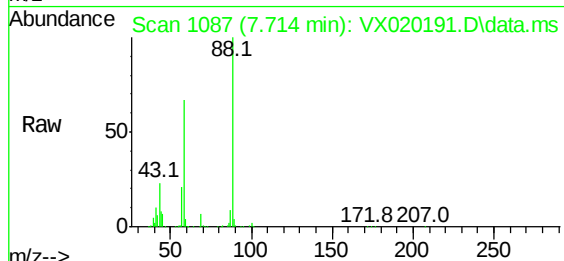
#499 (-)
1,4-Dioxane
Concen: 903.13 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 88 Resp: 69360
Ion Ratio Lower Upper
88 100
43 29.1 23.2 34.8
58 72.0 55.0 82.4

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

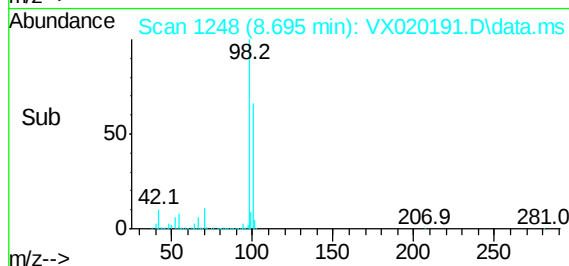
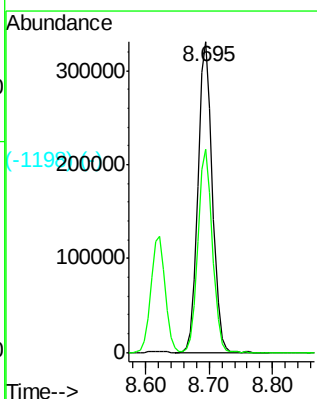
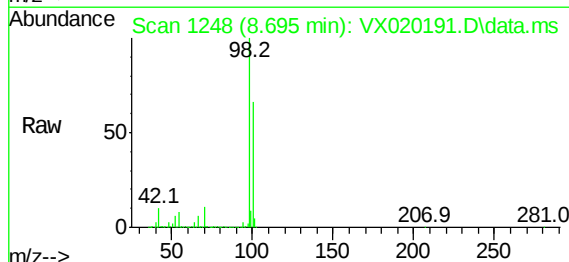
Manual Integrations
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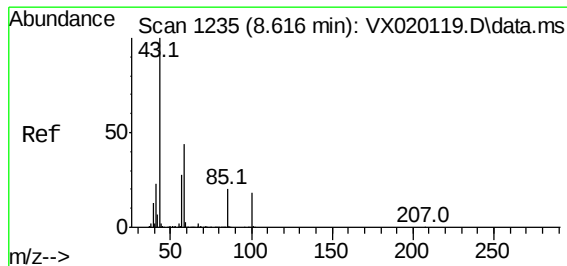
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#500 (-)
Toluene-d8
Concen: 49.88 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 98 Resp: 507116
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9



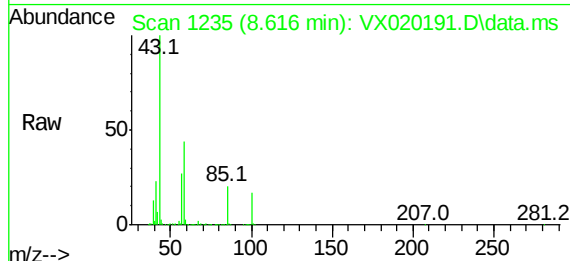


#526 (-)
4-Methyl-2-Pentanone
Concen: 261.43 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

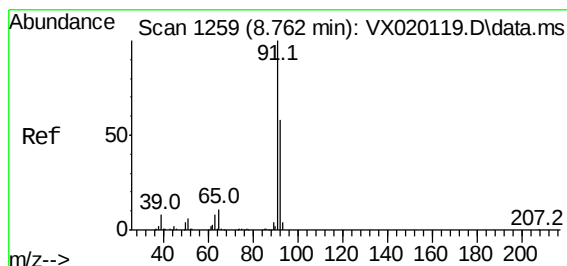
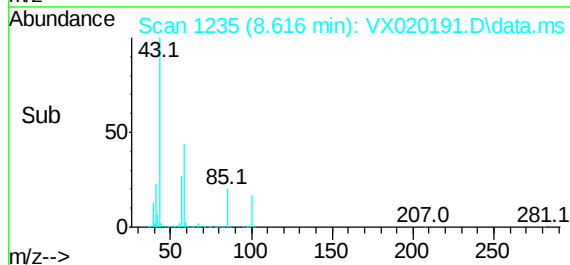
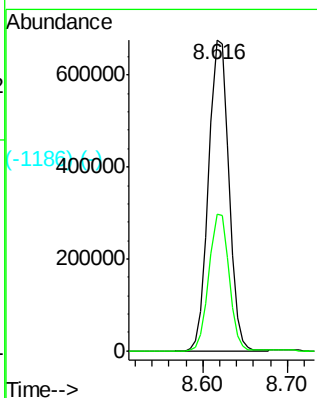
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

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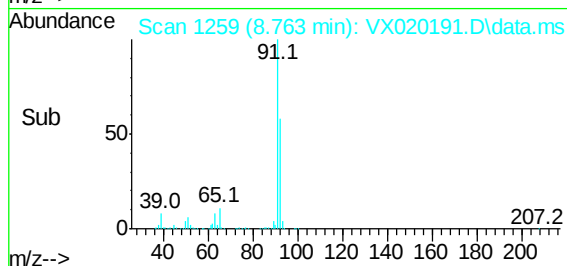
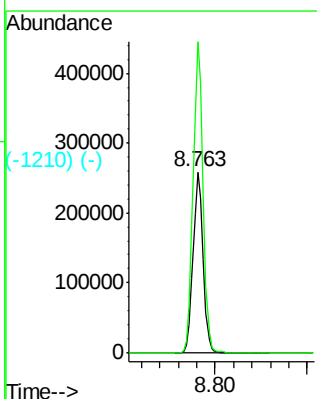
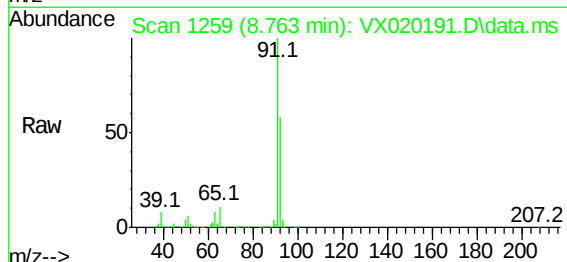


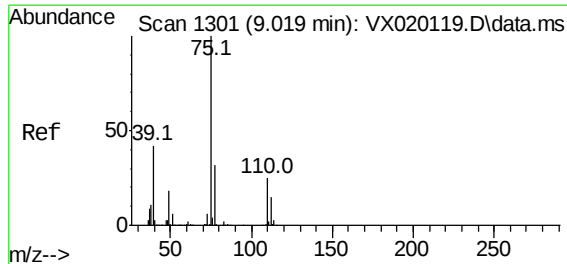
Tgt Ion: 43 Resp: 1083606
Ion Ratio Lower Upper
43 100
58 43.8 35.4 53.0



#527 (-)
Toluene
Concen: 49.63 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 92 Resp: 384761
Ion Ratio Lower Upper
92 100
91 171.8 137.1 205.7





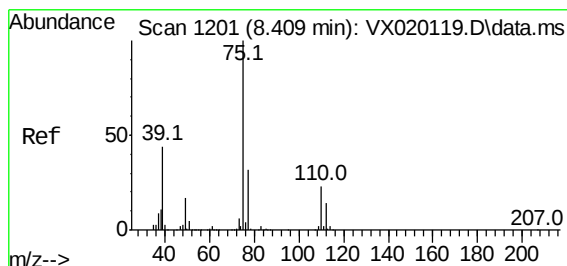
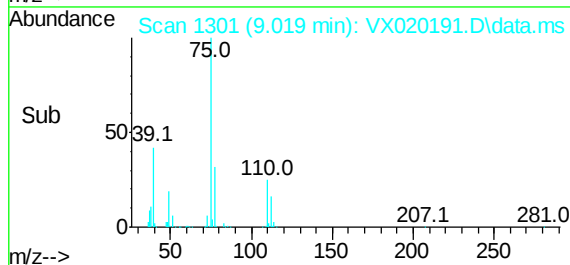
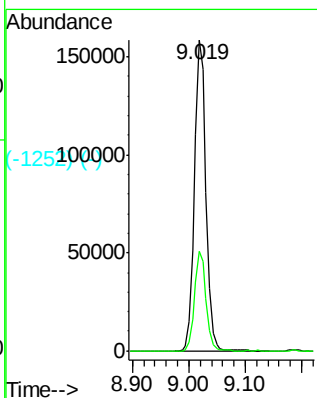
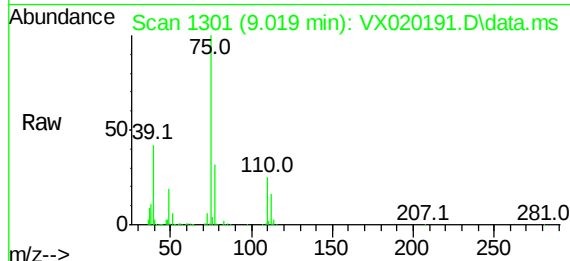
#593 (-)
t-1,3-Dichloropropene
Concen: 48.56 ug/l
RT: 9.019 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 75 Resp: 223627
Ion Ratio Lower Upper
75 100
77 32.2 24.9 37.3

Instrument :
MSVOA_X
ClientSampleId :
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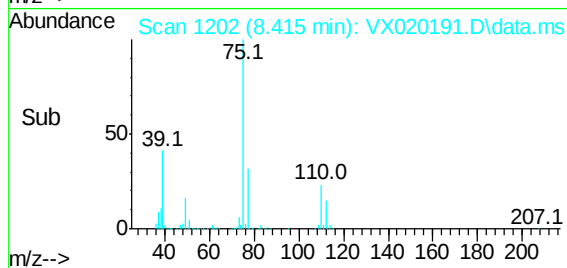
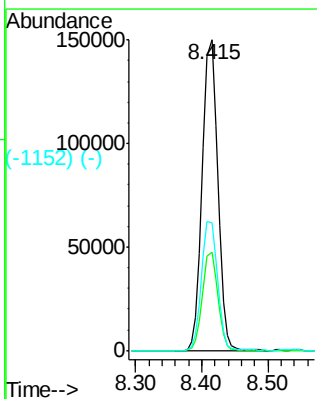
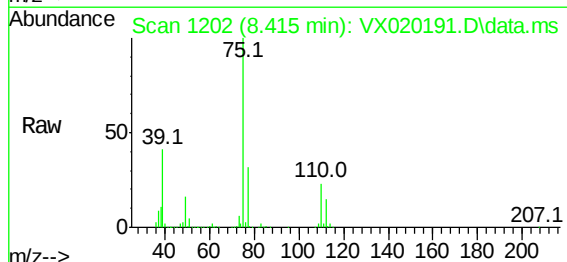
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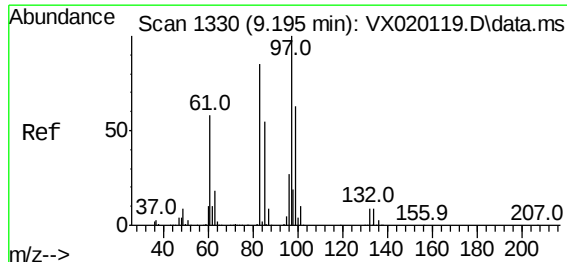
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#593 (-)
cis-1,3-Dichloropropene
Concen: 47.90 ug/l
RT: 8.415 min Scan# 1202
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

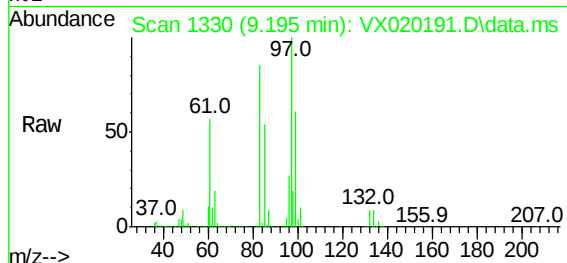
Tgt Ion: 75 Resp: 242186
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 41.2 35.1 52.7





#55 (-)
1,1,2-Trichloroethane
Concen: 49.06 ug/l
RT: 9.195 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

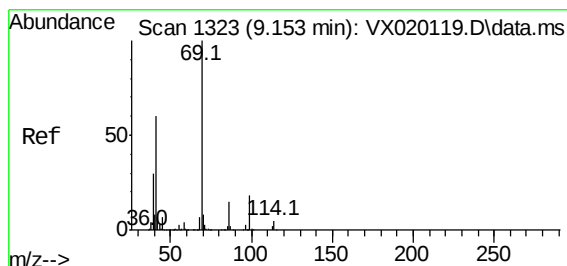
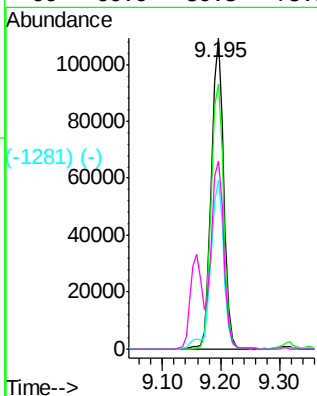
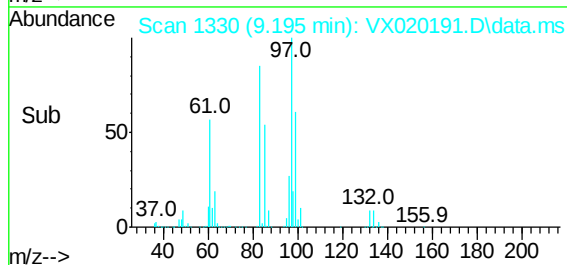
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD



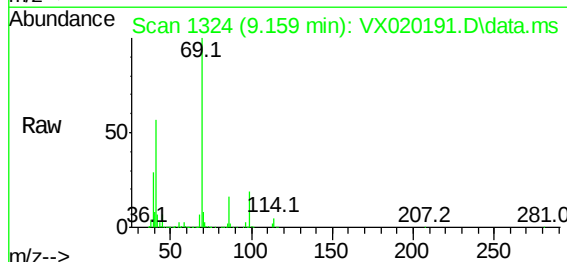
Tgt Ion: 97 Resp: 156865
Ion Ratio Lower Upper
97 100
83 85.0 69.3 103.9
85 54.1 44.3 66.5
99 60.6 50.3 75.5

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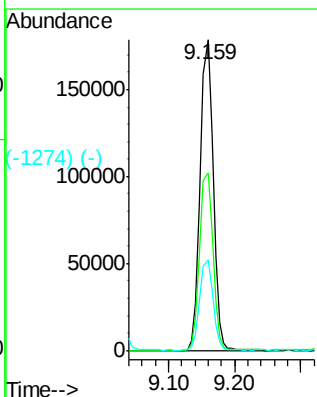
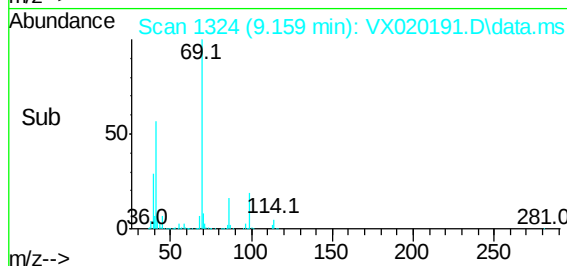
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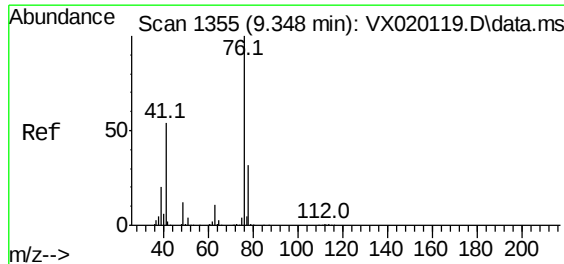


#56 (-)
Ethyl methacrylate
Concen: 51.56 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59



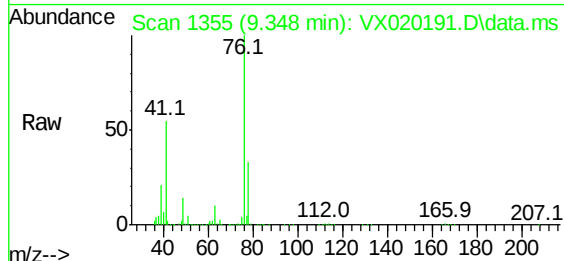
Tgt Ion: 69 Resp: 241270
Ion Ratio Lower Upper
69 100
41 58.9 46.8 70.2
39 29.9 24.7 37.1





#57 (-)
1,3-Dichloropropane
Concen: 49.25 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

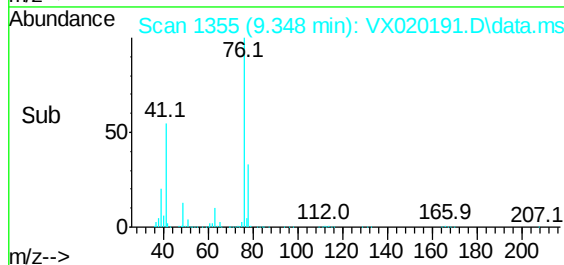
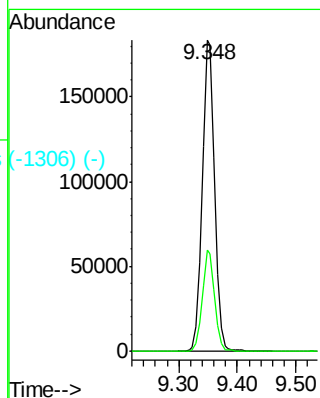
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD



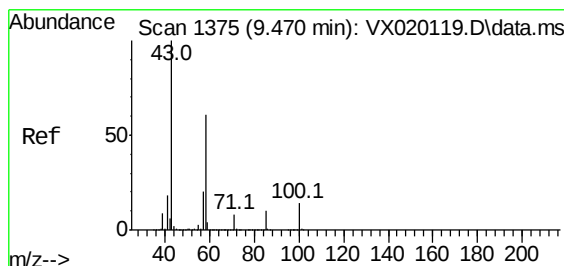
Tgt Ion: 76 Resp: 268062
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.2

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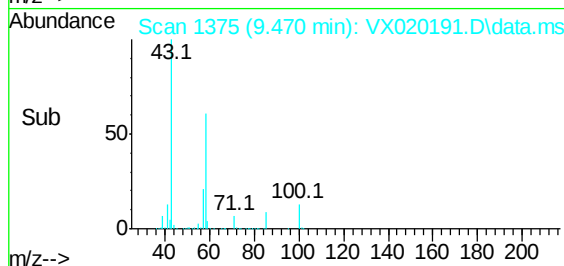
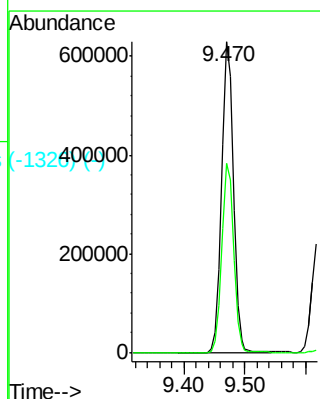
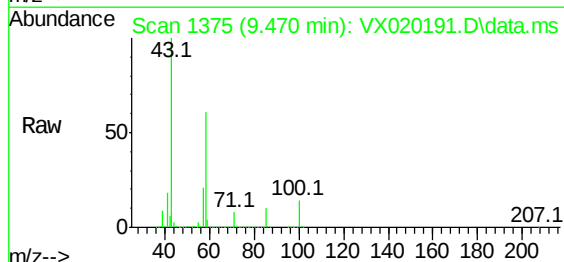


#1306 (-)

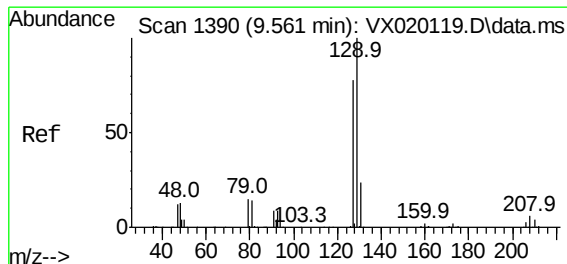


#58 (-)
2-Hexanone
Concen: 261.38 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 43 Resp: 825590
Ion Ratio Lower Upper
43 100
58 61.2 30.9 92.8



#1326 (-)



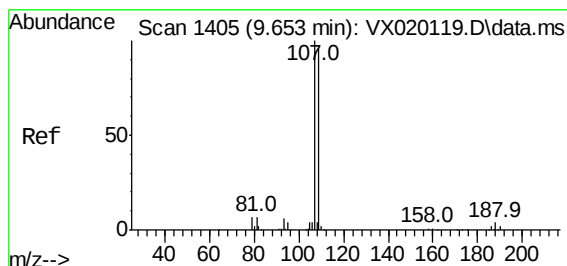
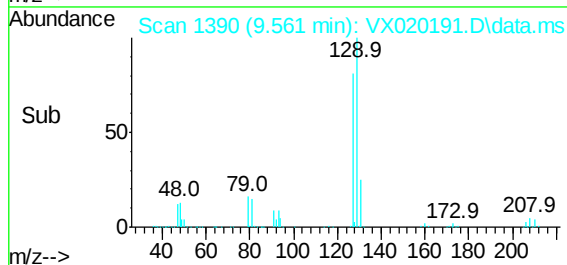
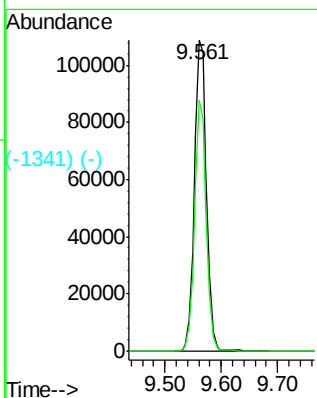
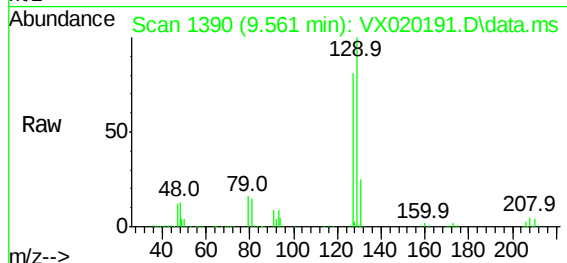
#603 (-)
Dibromochloromethane
Concen: 50.35 ug/l
RT: 9.561 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion:129 Resp: 159727
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.2

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

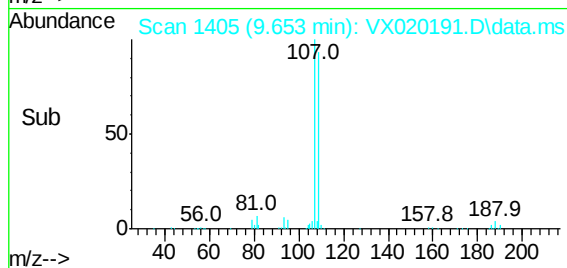
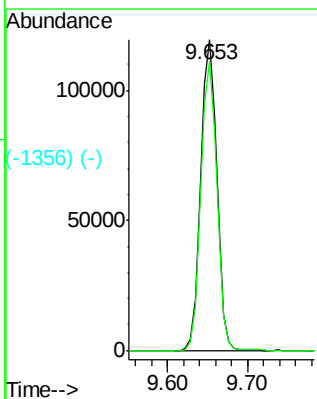
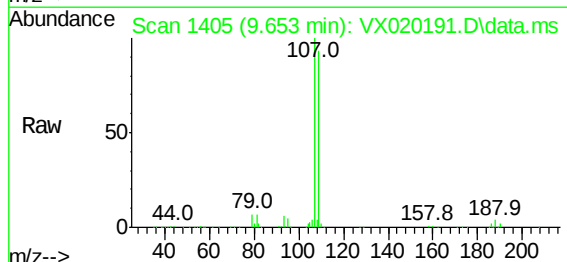
Manual Integrations
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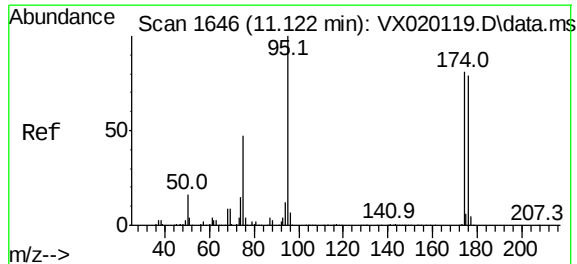
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#607 (-)
1,2-Dibromoethane
Concen: 49.56 ug/l
RT: 9.653 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion:107 Resp: 165454
Ion Ratio Lower Upper
107 100
109 92.9 75.8 113.6





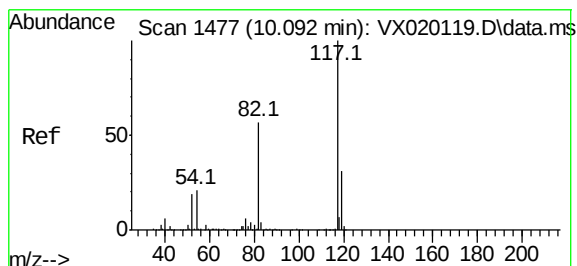
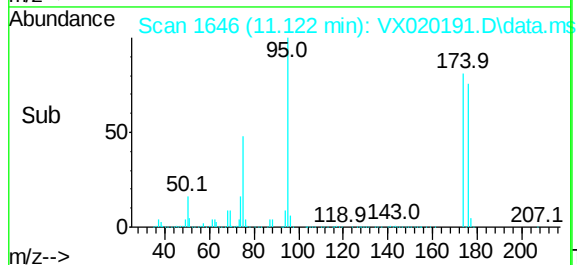
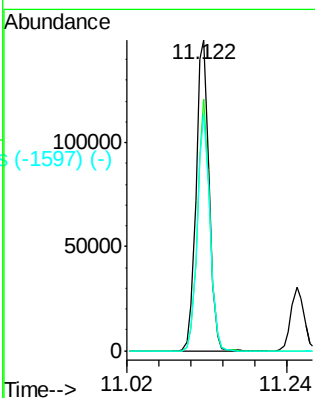
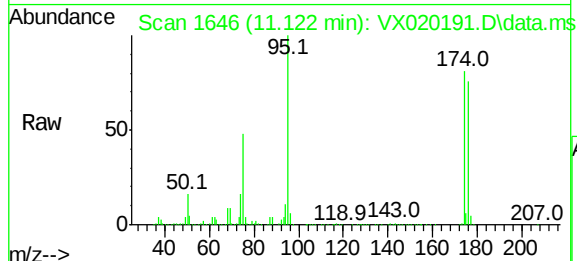
#639 (-)
4-Bromofluorobenzene
Concen: 48.60 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion:	95	Resp:	189125
Ion Ratio	Lower	Upper	
95	100		
174	75.7	0.0	154.6
176	73.8	0.0	155.8

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

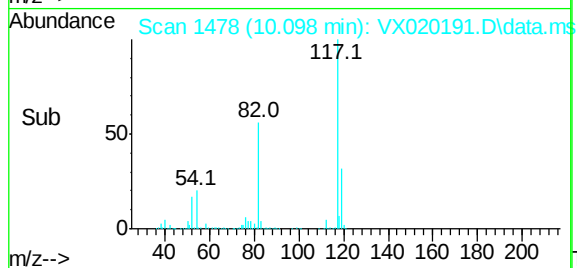
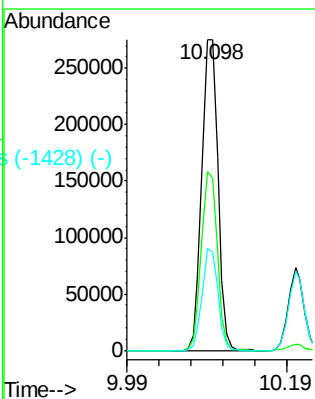
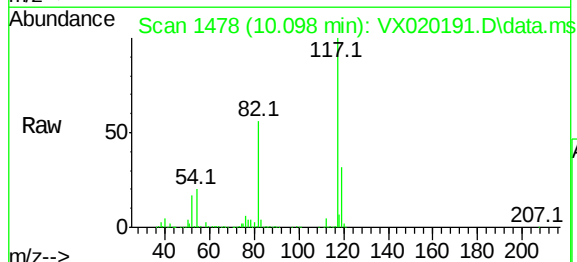
Manual Integrations
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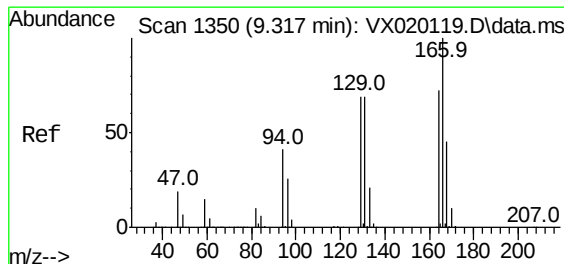
MMDadoda
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#640 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

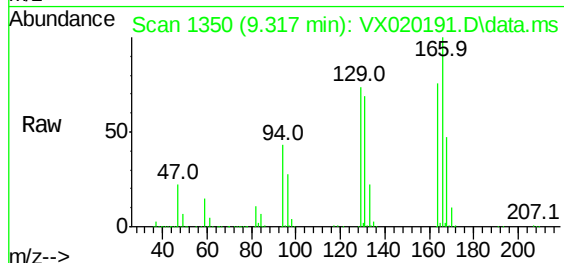
Tgt Ion:	117	Resp:	384882
Ion Ratio	Lower	Upper	
117	100		
82	55.6	47.4	71.2
119	31.8	26.6	39.8





#642 (-)
Tetrachloroethene
Concen: 47.87 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

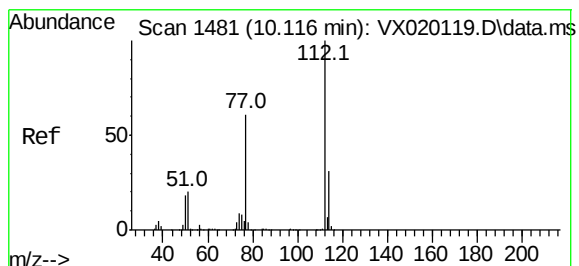
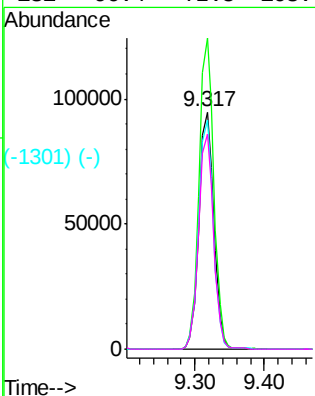
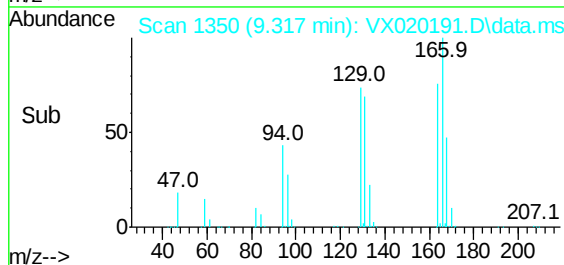
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD



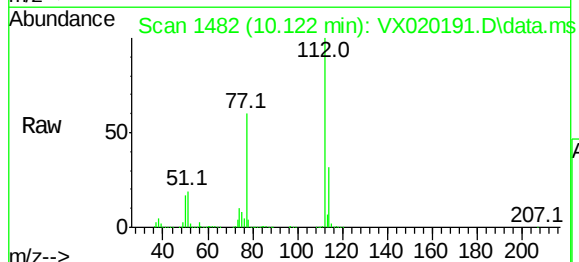
Tgt Ion:164 Resp: 138833
Ion Ratio Lower Upper
164 100
166 131.1 103.4 155.2
129 96.8 70.8 106.2
131 90.4 72.5 108.7

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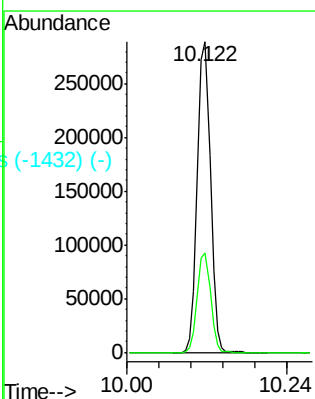
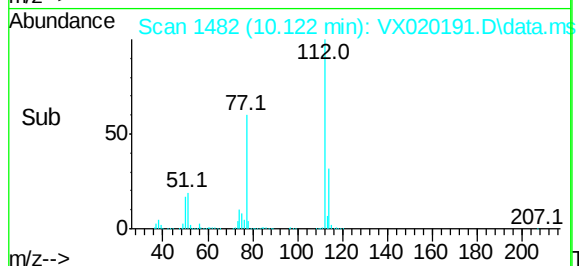
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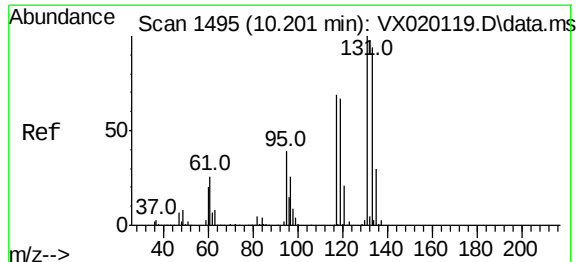


#654 (-)
Chlorobenzene
Concen: 48.11 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59



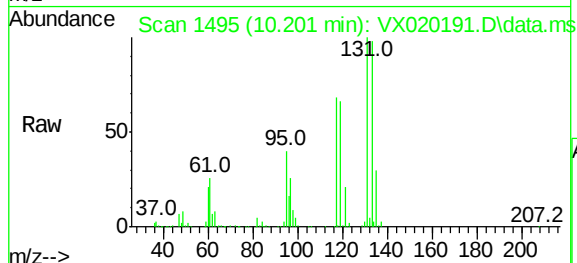
Tgt Ion:112 Resp: 397317
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6





#668 (-)
 1,1,1,2-Tetrachloroethane
 Concen: 49.73 ug/l
 RT: 10.201 min Scan# 1495
 Delta R.T. 0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MSD

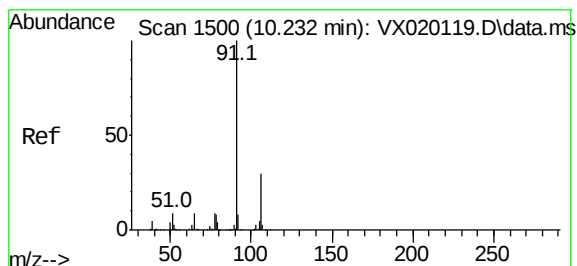
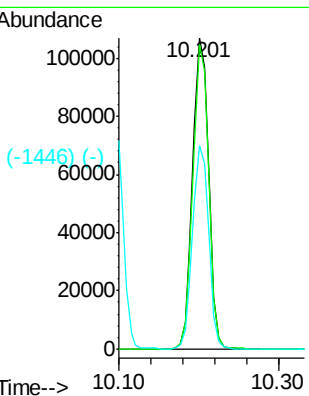
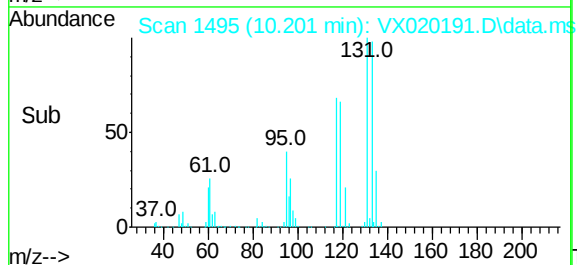


Tgt Ion:131 Resp: 147346

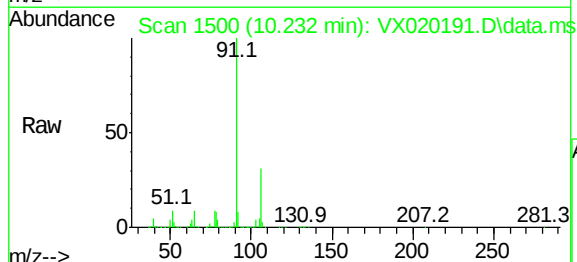
Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.7	143.1
119	65.6	32.1	96.5

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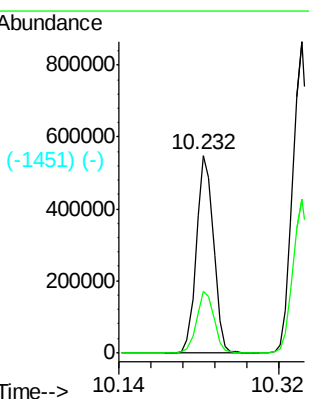
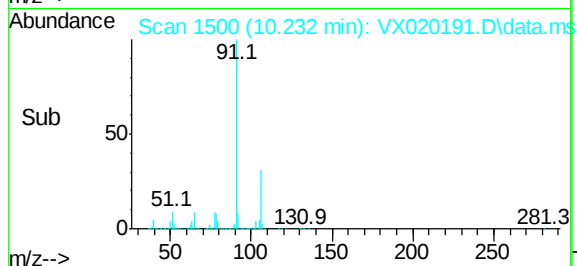


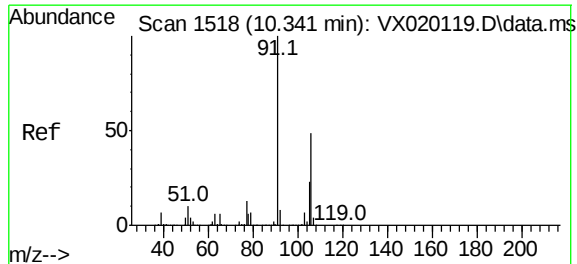
#6793 (-)
 Ethyl Benzene
 Concen: 50.35 ug/l
 RT: 10.232 min Scan# 1500
 Delta R.T. -0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59



Tgt Ion: 91 Resp: 726815

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.6	37.0





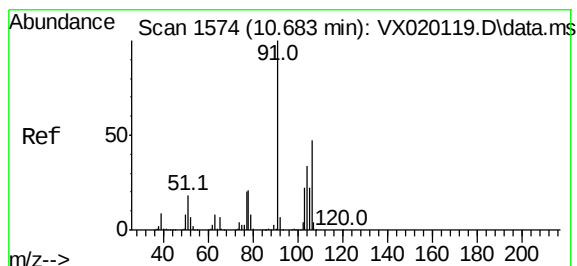
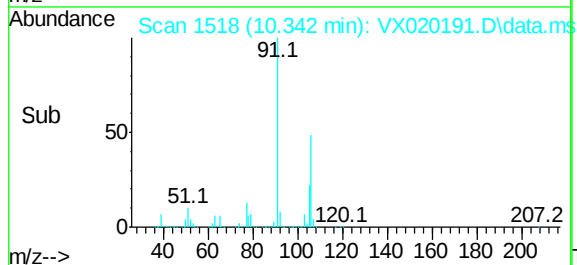
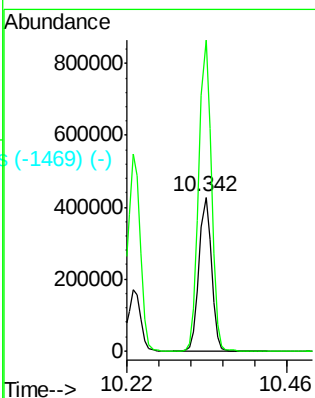
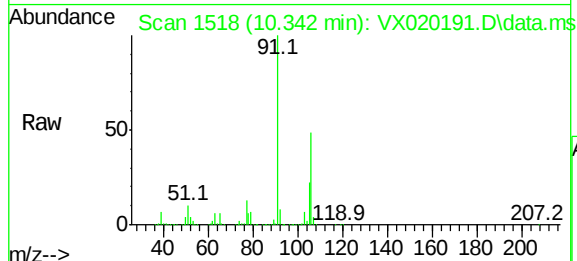
#6911 (-)
m/p-Xylenes
Concen: 101.77 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion:106 Resp: 548440
Ion Ratio Lower Upper
106 100
91 204.6 162.8 244.2

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

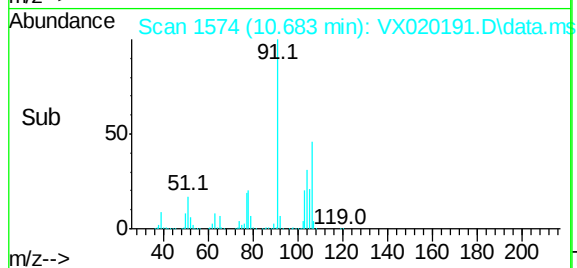
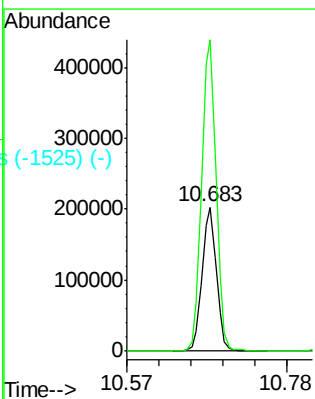
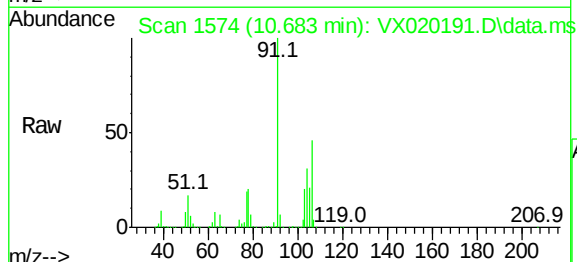
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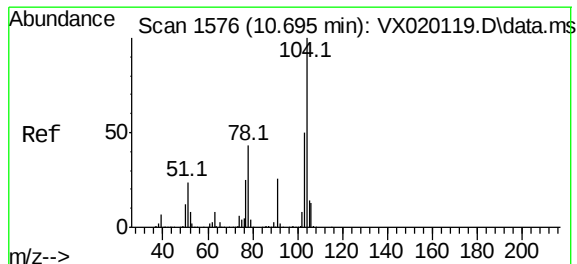
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#6967 (-)
o-Xylene
Concen: 49.93 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

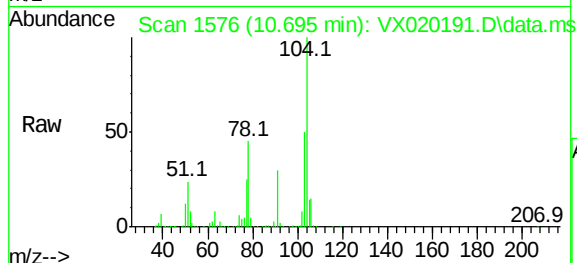
Tgt Ion:106 Resp: 258944
Ion Ratio Lower Upper
106 100
91 220.3 108.1 324.2





#1567 (-)
Styrene
Concen: 50.39 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

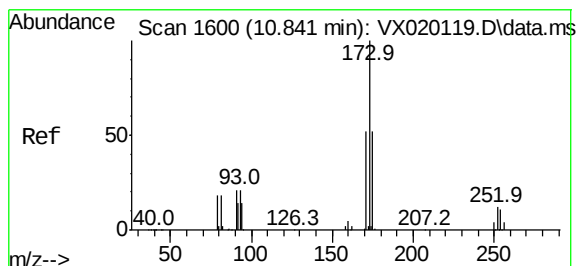
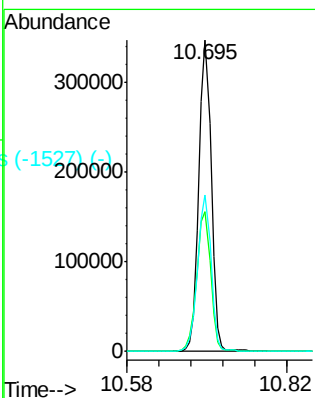
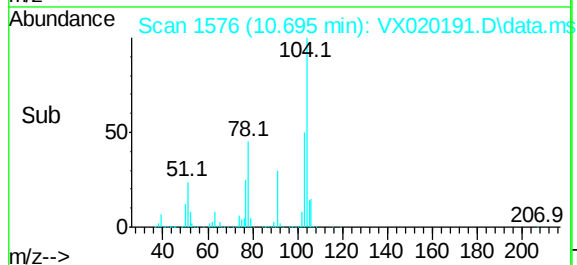
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD



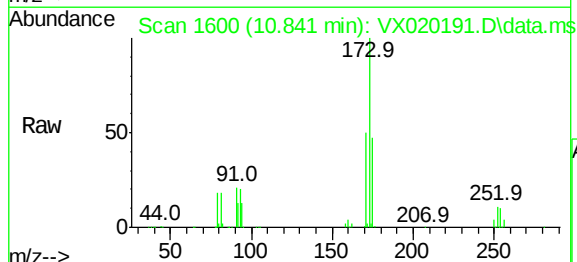
Tgt Ion:104 Resp: 441749
Ion Ratio Lower Upper
104 100
78 50.7 40.0 60.0
103 54.5 43.4 65.0

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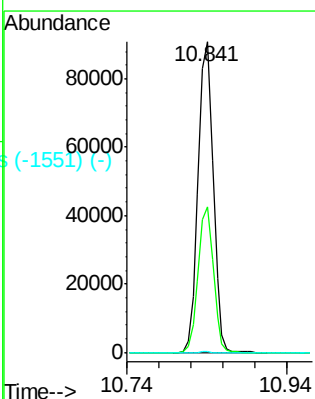
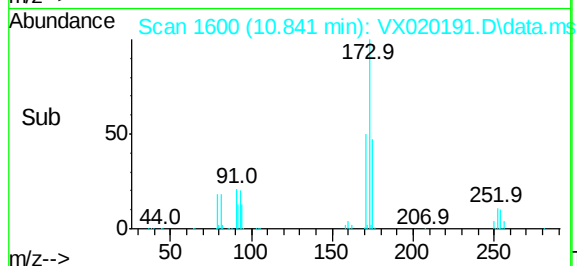
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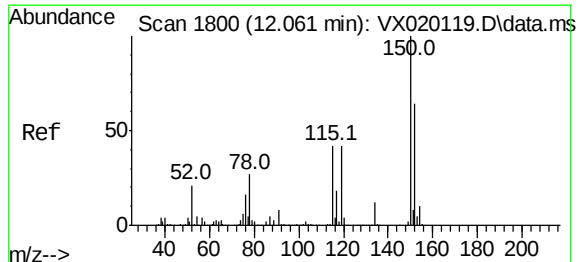


#1593 (-)
Bromoform
Concen: 51.81 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59



Tgt Ion:173 Resp: 118891
Ion Ratio Lower Upper
173 100
175 47.2 23.9 71.8
254 0.1 0.1 0.1#



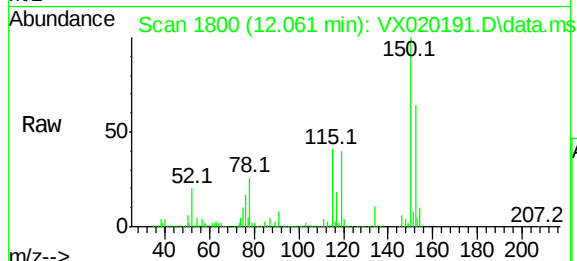


#1794 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

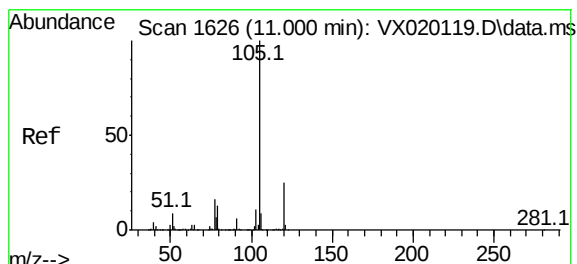
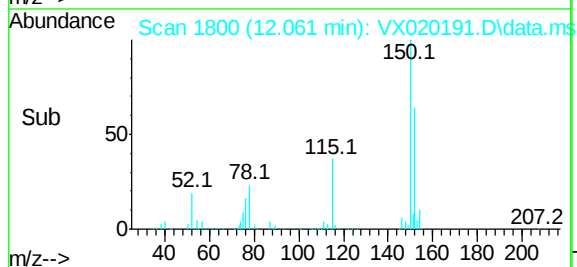
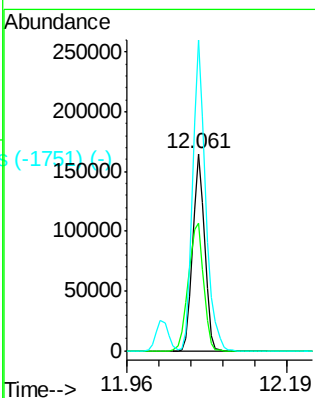
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

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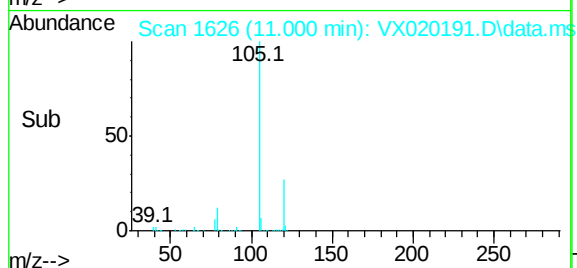
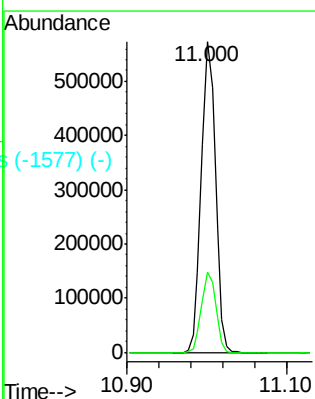
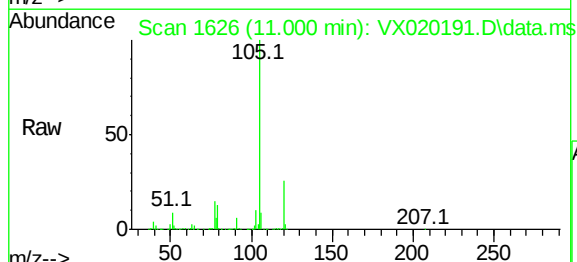


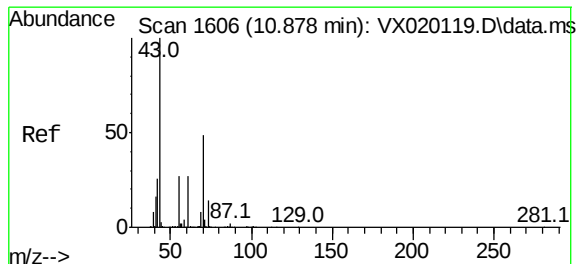
Tgt Ion:152 Resp: 194947
Ion Ratio Lower Upper
152 100
115 82.6 41.1 123.3
150 171.2 0.0 349.0



#1798 (-)
Isopropylbenzene
Concen: 50.25 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion:105 Resp: 706940
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6





#1600 (-)
N-ethyl acetate
Concen: 46.82 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

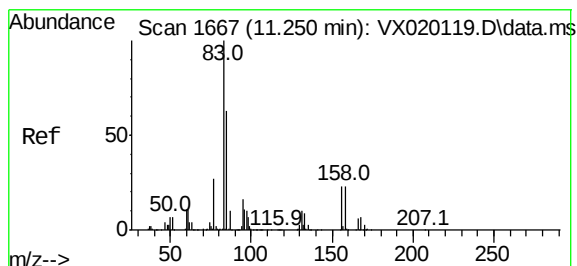
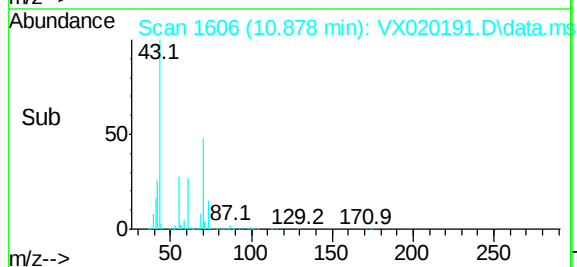
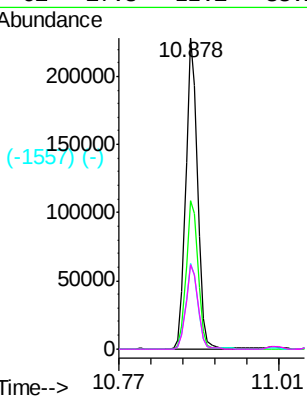
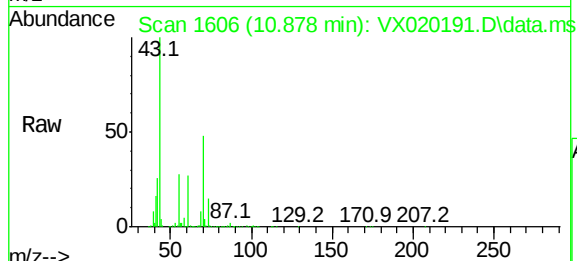
Tgt Ion: 43 Resp: 265508

Ion	Ratio	Lower	Upper
43	100		
70	48.6	39.0	58.6
55	28.0	21.5	32.3
61	27.3	22.1	33.1

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

Manual Integrations
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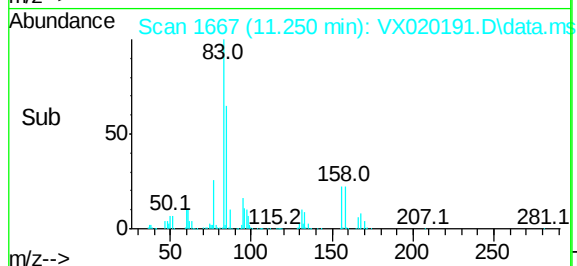
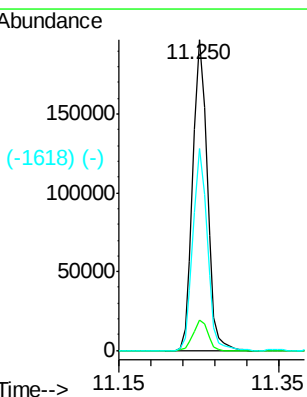
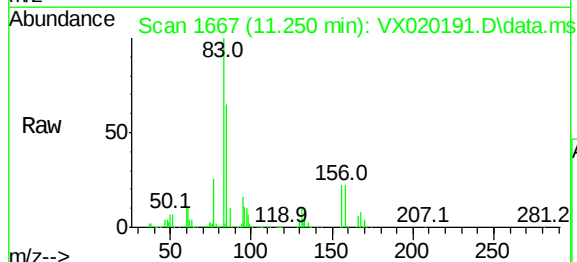
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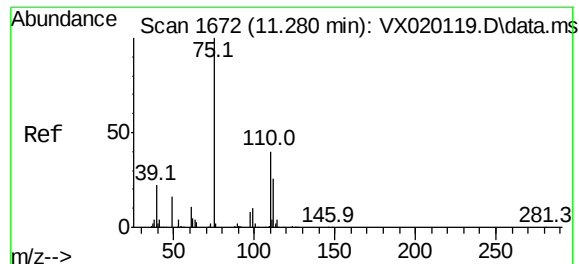


#1660 (-)
1,1,2,2-Tetrachloroethane
Concen: 48.34 ug/l
RT: 11.250 min Scan# 1667
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 83 Resp: 246992

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.1	15.2
85	64.7	31.8	95.4



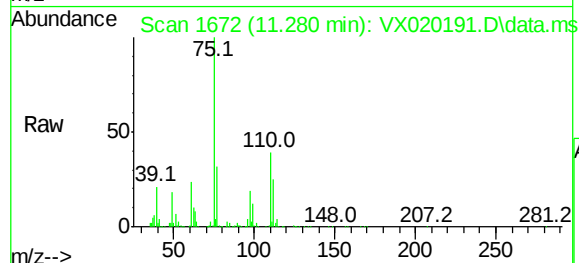


#1667 (-)
 1,2,3-Trichloropropane
 Concen: 48.68 ug/l m
 RT: 11.280 min Scan# 1672
 Delta R.T. 0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

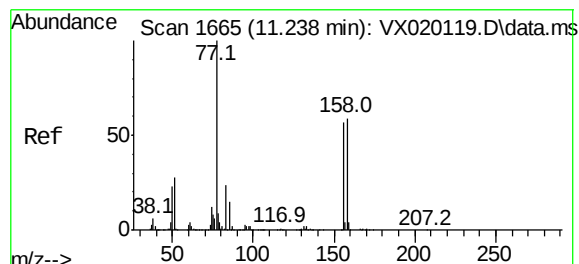
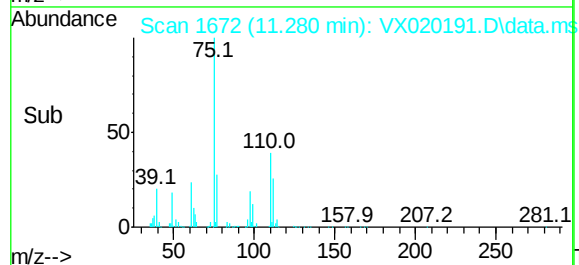
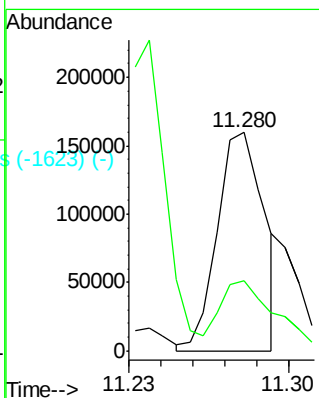
Instrument :
 MSVOA_X
ClientSampleId :
 49-IW5677-121220MSD

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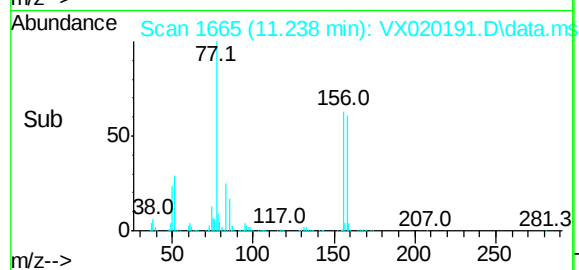
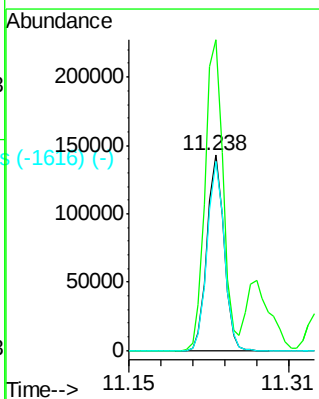
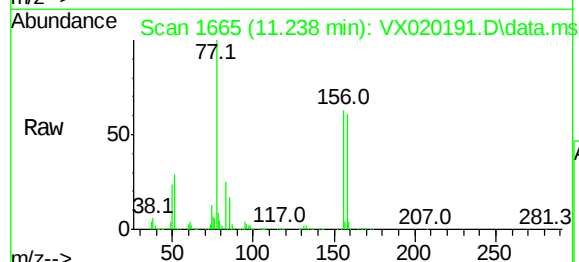


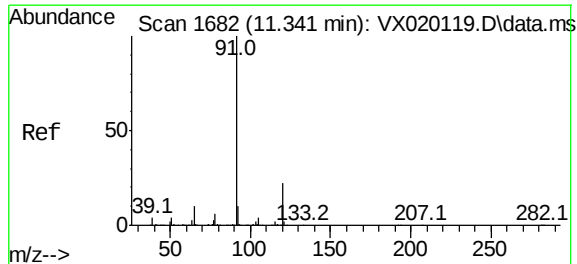
Tgt Ion: 75 Resp: 233783
 Ion Ratio Lower Upper
 75 100
 77 37.5 19.1 57.5



#1668 (-)
 Bromobenzene
 Concen: 46.35 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Tgt Ion:156 Resp: 172372
 Ion Ratio Lower Upper
 156 100
 77 170.7 82.8 248.6
 158 97.8 49.1 147.4





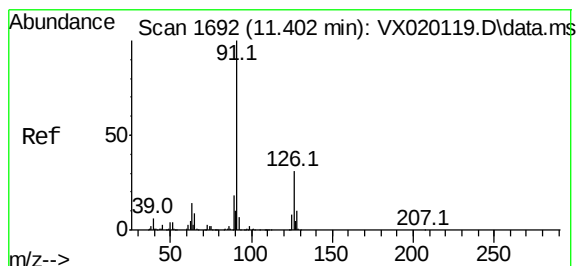
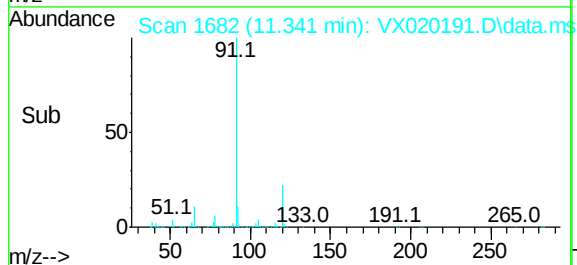
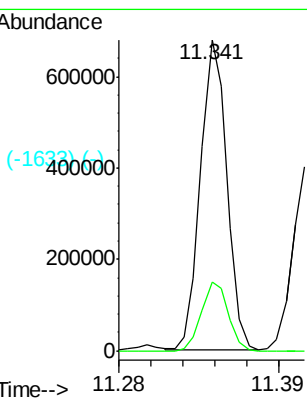
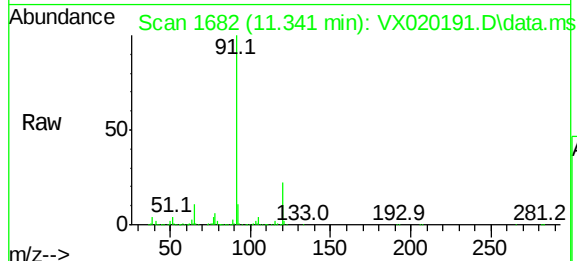
#1677 (-)
n-propylbenzene
Concen: 50.30 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 91 Resp: 815590
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.5

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

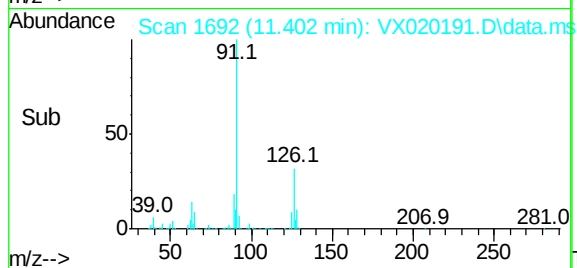
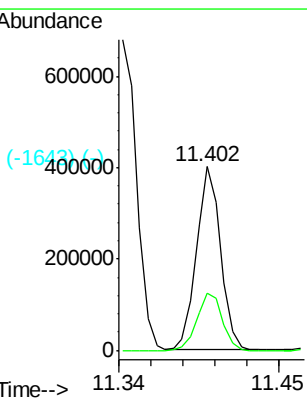
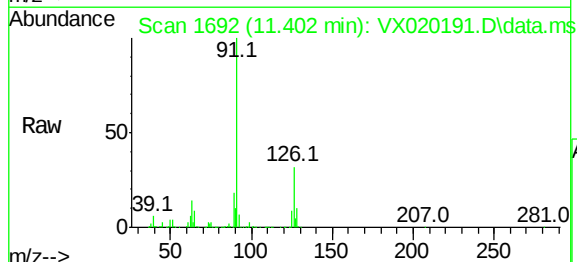
Manual Integrations
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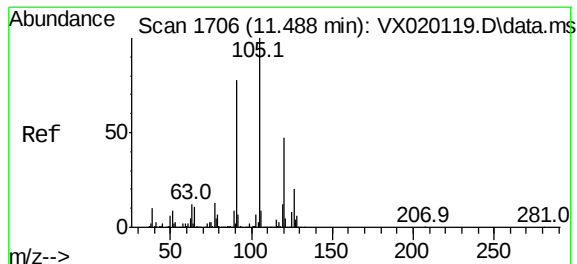
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#1687 (-)
2-Chlorotoluene
Concen: 48.14 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. 0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 91 Resp: 486761
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.8





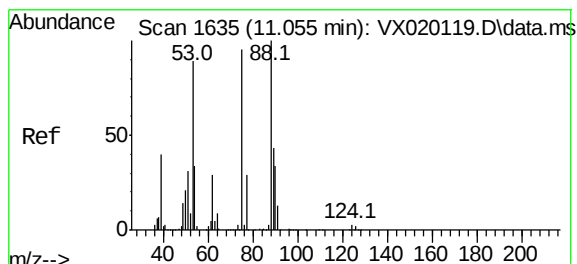
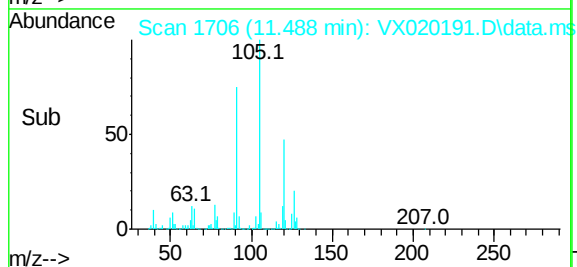
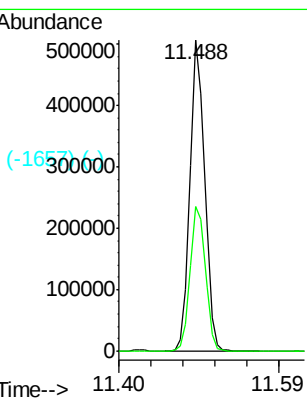
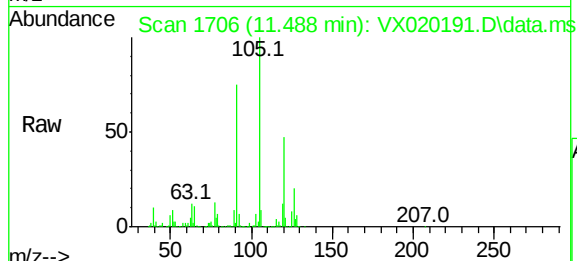
Scan 1706 (11.488 min): VX020119.D\data.ms (#890) (-)
 1,3,5-Trimethylbenzene
 Concen: 49.52 ug/l
 RT: 11.488 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Tgt Ion:	105	Resp:	590559
Ion Ratio	Lower	Upper	
105	100		
120	48.3	23.8	71.5

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MSD

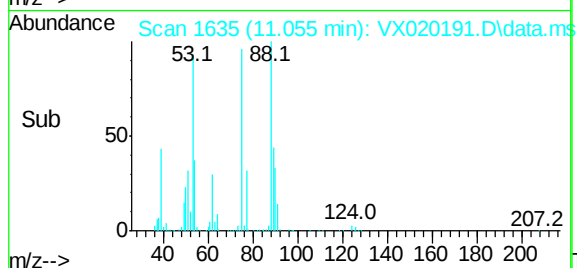
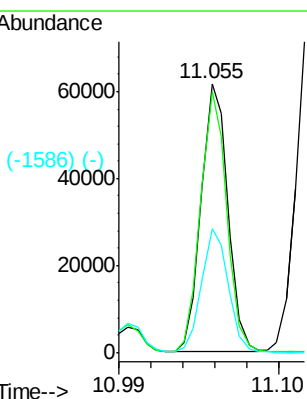
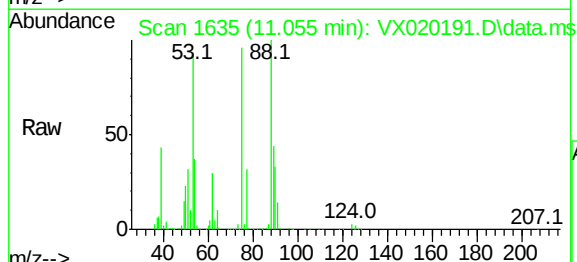
Manual Integrations
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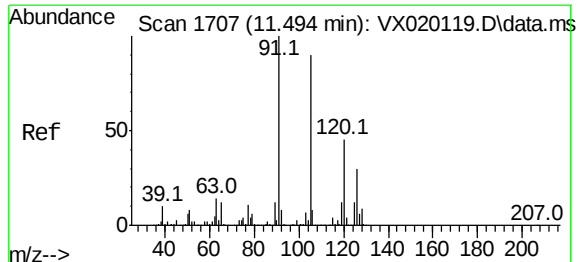
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Scan 1635 (11.055 min): VX020119.D\data.ms (#893) (-)
 trans-1,4-Dichloro-2-butene
 Concen: 46.35 ug/l
 RT: 11.055 min Scan# 1635
 Delta R.T. -0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Tgt Ion:	75	Resp:	75026
Ion Ratio	Lower	Upper	
75	100		
53	96.2	74.5	111.7
89	46.1	37.9	56.9





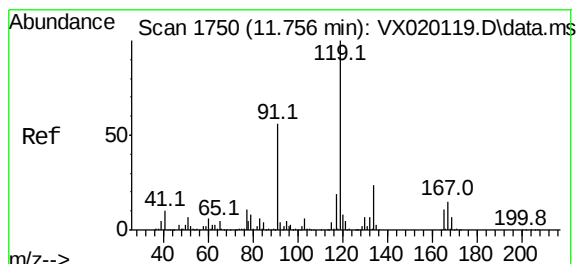
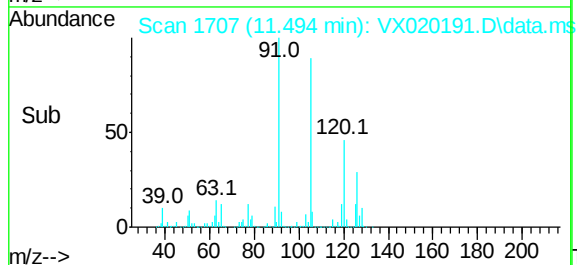
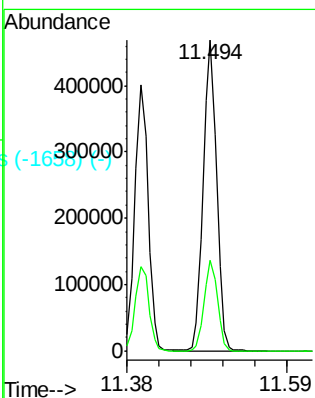
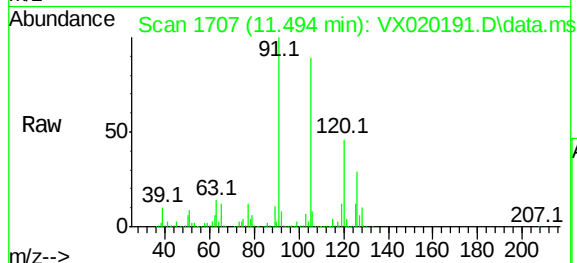
#829 (-)
4-Chlorotoluene
Concen: 48.21 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 91 Resp: 569304
Ion Ratio Lower Upper
91 100
126 29.0 14.9 44.5

Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

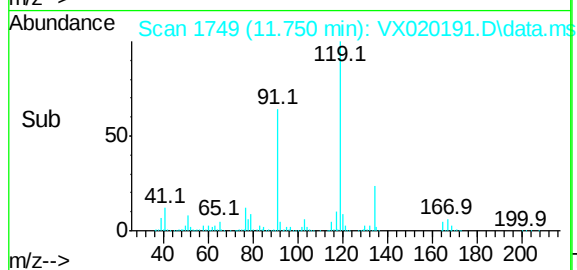
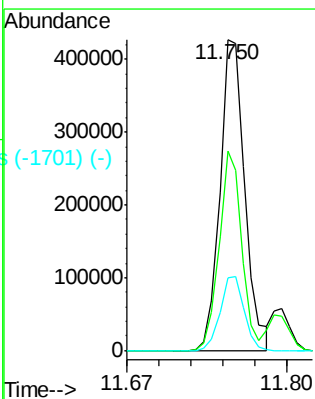
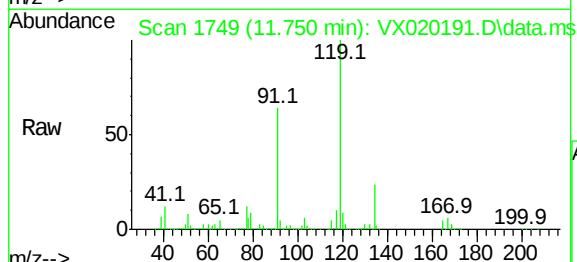
Manual Integrations
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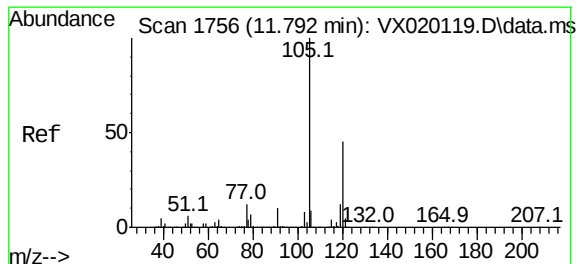
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#822 (-)
tert-Butylbenzene
Concen: 50.10 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

Tgt Ion: 119 Resp: 573437
Ion Ratio Lower Upper
119 100
91 57.9 27.9 83.7
134 22.9 11.3 33.9





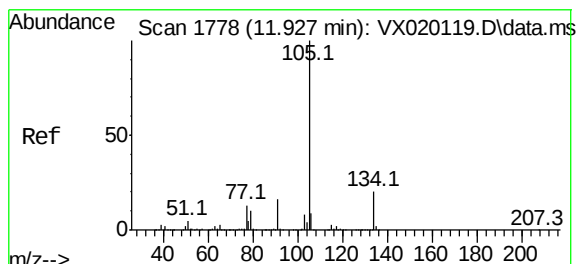
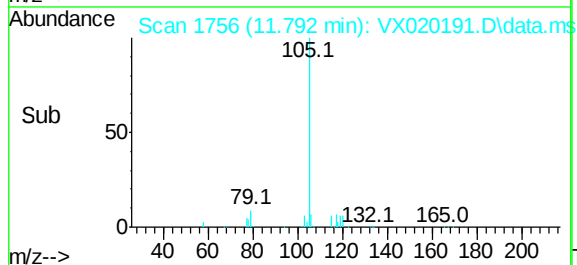
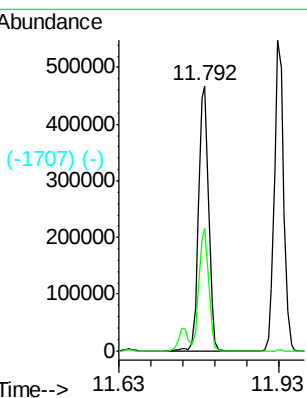
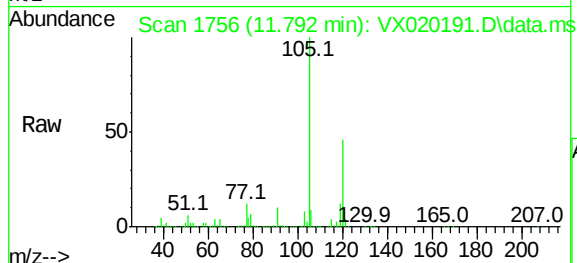
#845 (-)
 1,2,4-Trimethylbenzene
 Concen: 49.28 ug/l
 RT: 11.792 min Scan# 1756
 Delta R.T. 0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Tgt Ion:105 Resp: 596568
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.3

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MSD

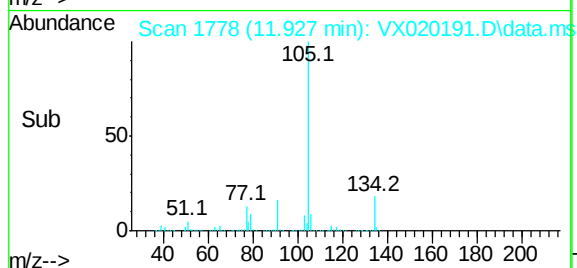
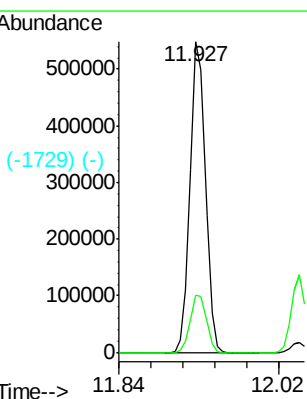
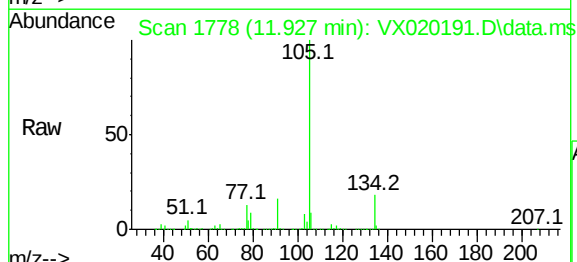
Manual Integrations
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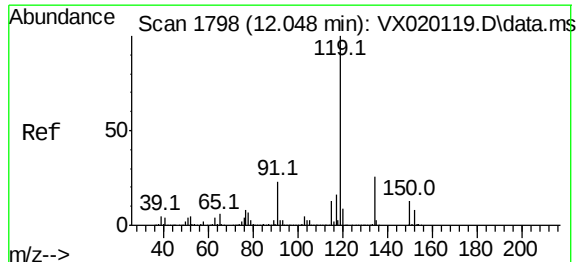
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#872 (-)
 sec-Butylbenzene
 Concen: 50.66 ug/l
 RT: 11.927 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

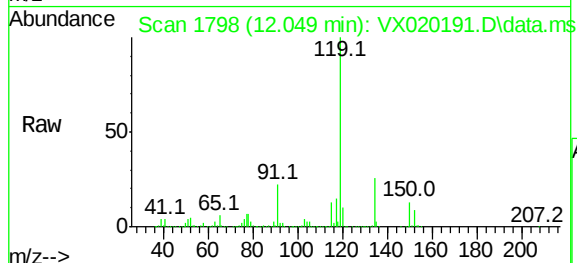
Tgt Ion:105 Resp: 669055
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.0 29.8





#87 (-)
p-Isopropyltoluene
Concen: 50.21 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. 0.001 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59

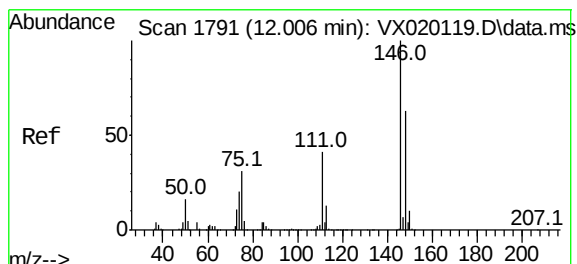
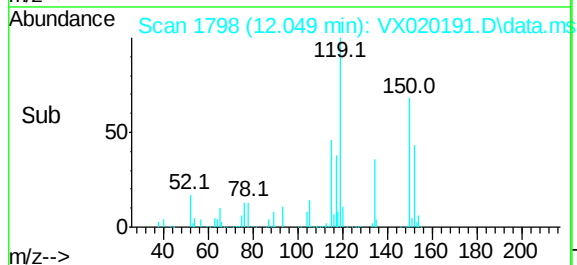
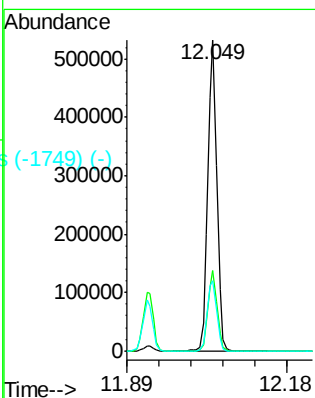
Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD



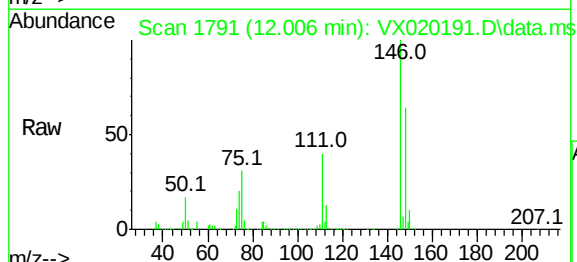
Tgt Ion:	119	Resp:	611558
Ion Ratio	Lower	Upper	
119	100		
134	25.8	12.9	38.7
91	23.6	11.7	35.0

Manual Integrations
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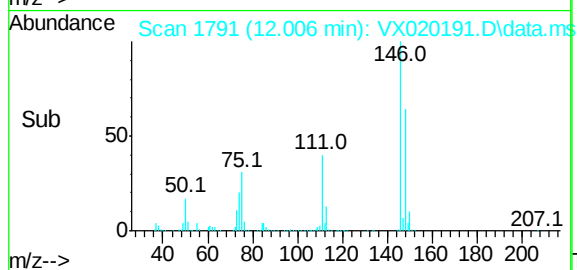
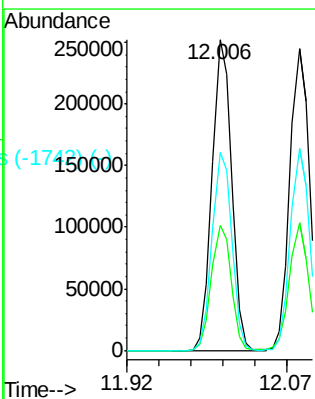
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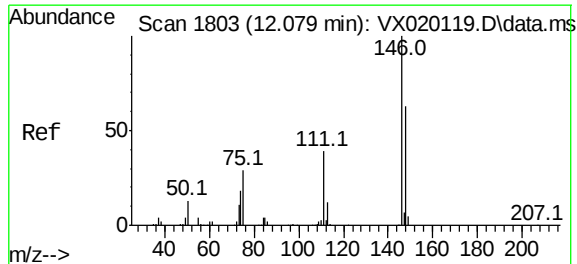


#875 (-)
1,3-Dichlorobenzene
Concen: 46.92 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX020191.D
Acq: 19 Dec 2020 22:59



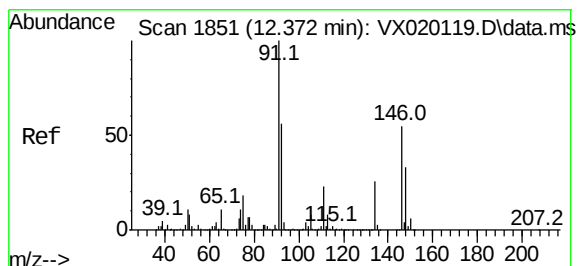
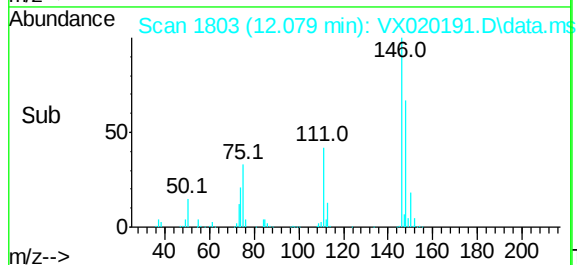
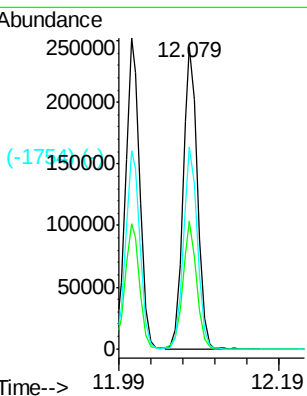
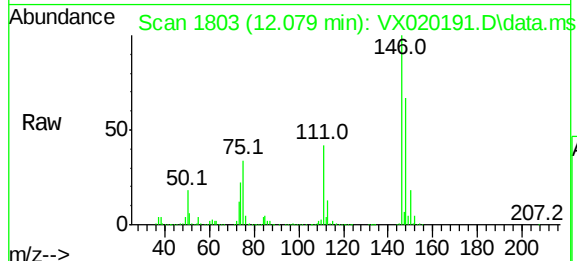
Tgt Ion:	146	Resp:	311942
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.2	60.5
148	64.5	31.9	95.7





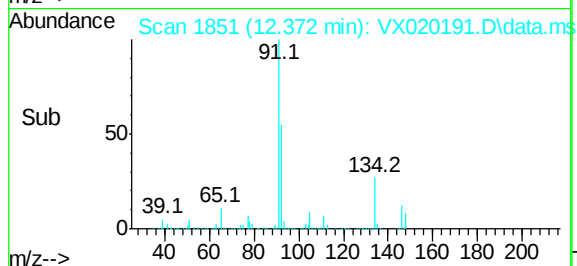
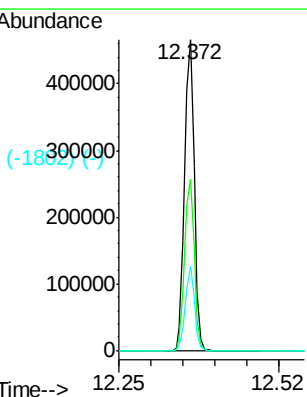
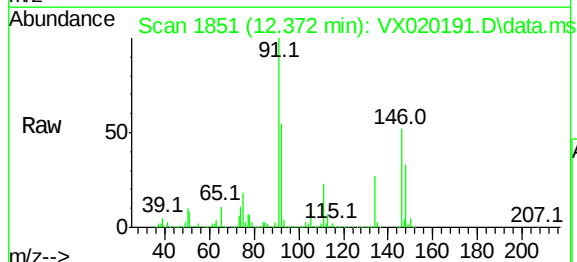
Scan 1803 (12.079 min): VX020119.D\data.ms (-175.46%)
 1,4-Dichlorobenzene
 Concen: 44.12 ug/l
 RT: 12.079 min Scan# 1803
 Delta R.T. 0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Tgt Ion:	146	Resp:	306055
Ion Ratio	Lower	Upper	
146	100		
111	40.5	19.6	58.8
148	65.5	31.6	95.0



Scan 1851 (12.372 min): VX020119.D\data.ms (-189.2%)
 n-Butylbenzene
 Concen: 49.38 ug/l
 RT: 12.372 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

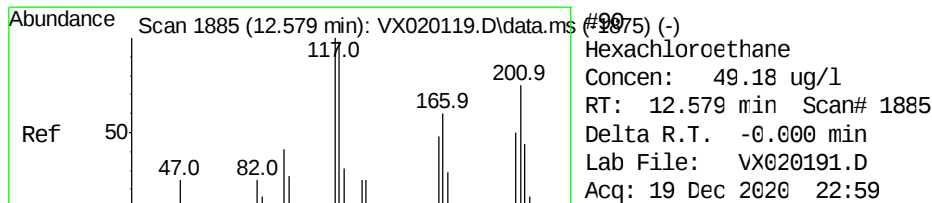
Tgt Ion:	91	Resp:	526969
Ion Ratio	Lower	Upper	
91	100		
92	55.1	27.4	82.0
134	25.6	13.2	39.5



Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MSD

Manual Integrations
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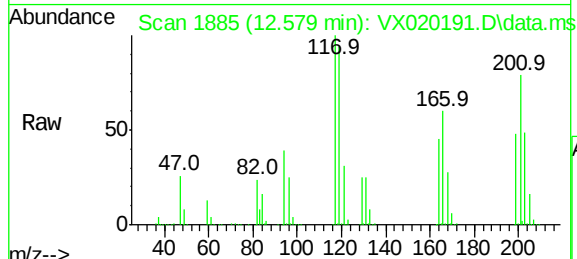
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Instrument :
MSVOA_X
ClientSampleId :
49-IW5677-121220MSD

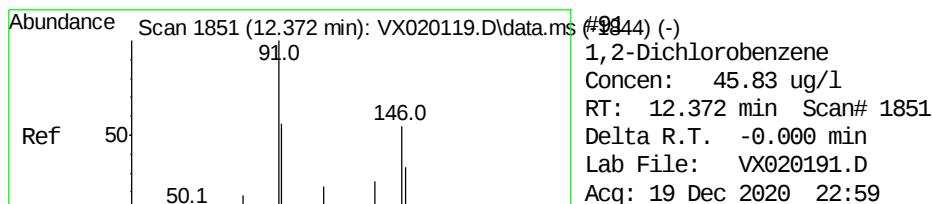
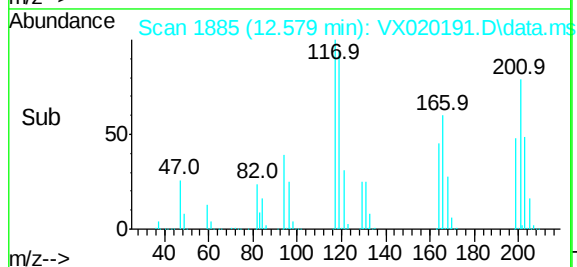
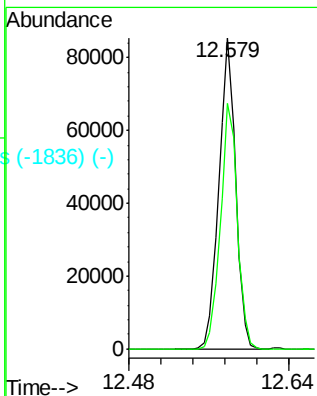
Manual Integrations
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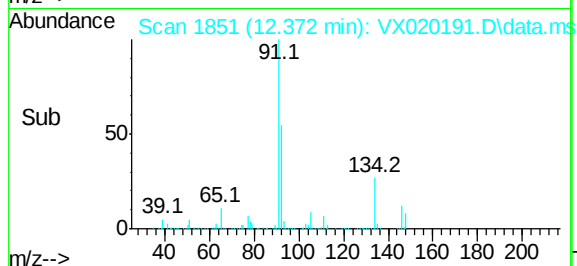
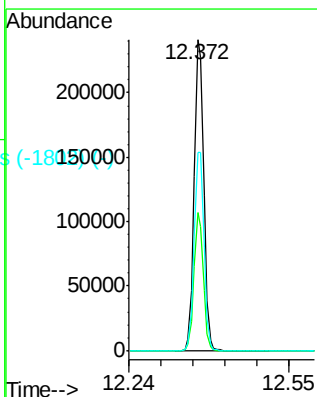
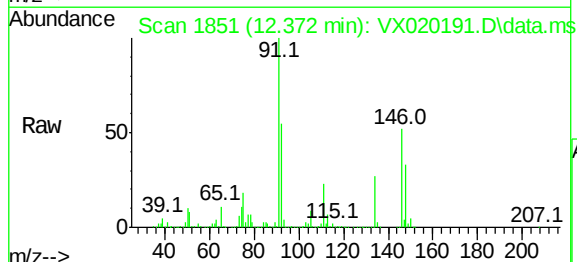
Tgt Ion:117 Resp: 103331

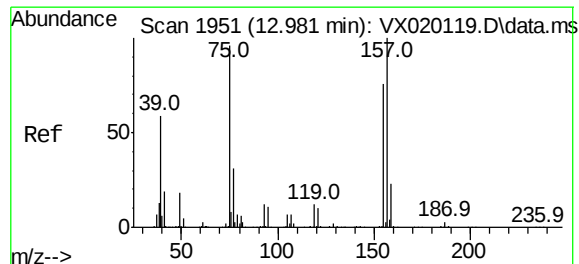
Ion	Ratio	Lower	Upper
117	100		
201	79.8	40.4	121.2



Tgt Ion:146 Resp: 303195

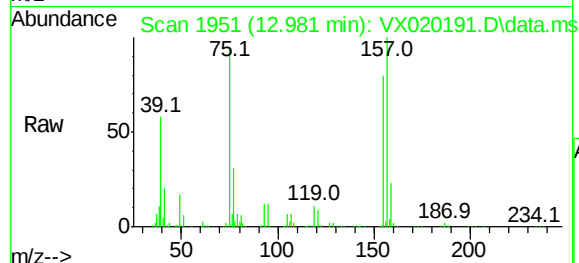
Ion	Ratio	Lower	Upper
146	100		
111	43.4	20.8	62.2
148	65.6	31.9	95.5





#9944 (-)
 1,2-Dibromo-3-Chloropropane
 Concen: 50.70 ug/l
 RT: 12.981 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

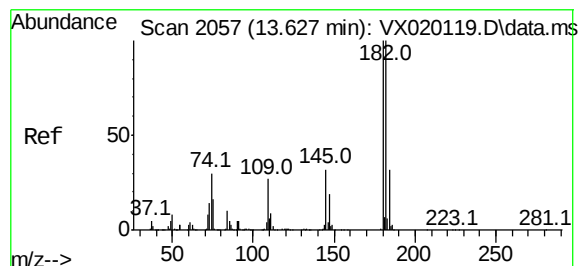
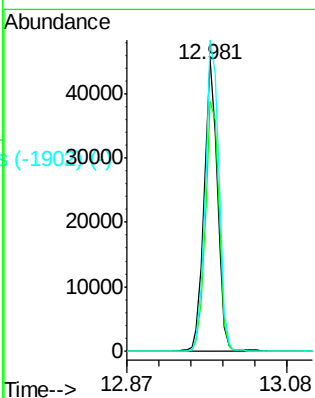
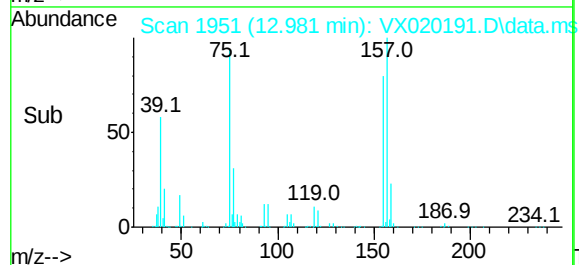
Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MSD



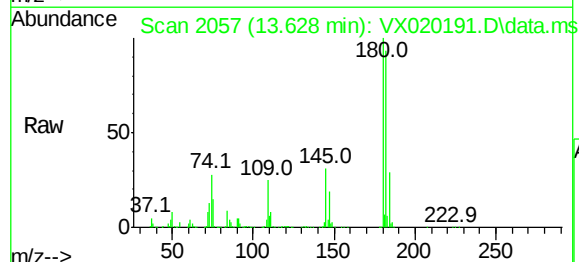
Tgt Ion:	75	Resp:	54364
Ion Ratio	Lower	Upper	
75	100		
155	88.0	45.3	135.9
157	108.7	57.7	173.1

Manual Integrations
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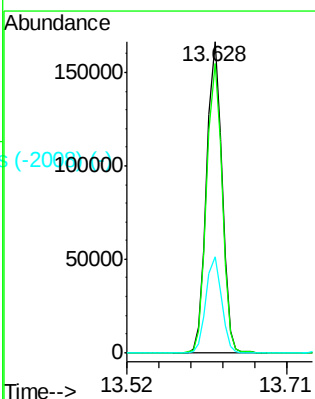
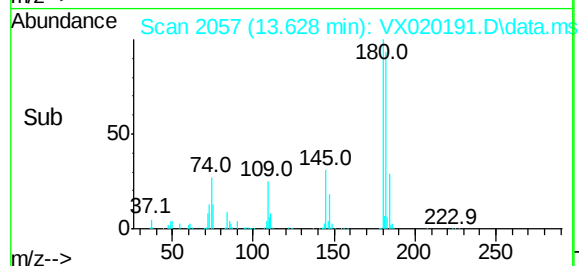
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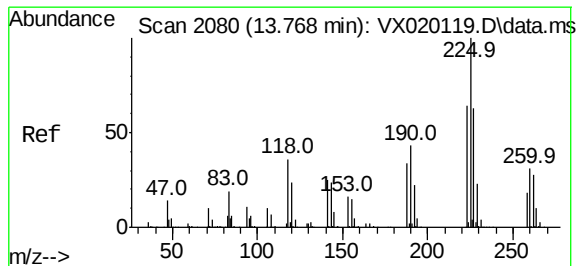


#9950 (-)
 1,2,4-Trichlorobenzene
 Concen: 46.95 ug/l
 RT: 13.628 min Scan# 2057
 Delta R.T. 0.001 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59



Tgt Ion:	180	Resp:	199760
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.7	143.1
145	31.1	15.0	45.0





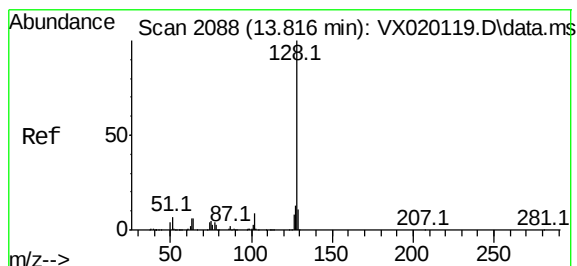
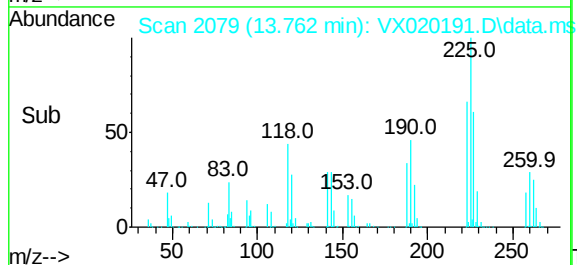
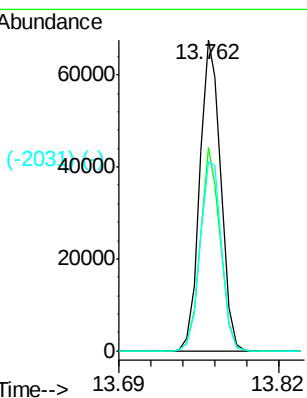
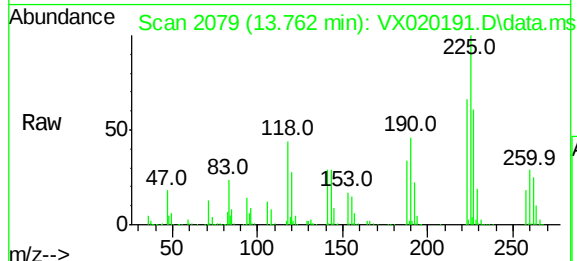
Scan 2080 (13.768 min): VX020119.D\data.ms (-2073) (-)
 Hexachlorobutadiene
 Concen: 47.31 ug/l
 RT: 13.762 min Scan# 2079
 Delta R.T. -0.006 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Tgt Ion:	225	Resp:	84235
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.1	93.2
227	62.4	31.6	95.0

Instrument :
 MSVOA_X
 ClientSampleId :
 49-IW5677-121220MSD

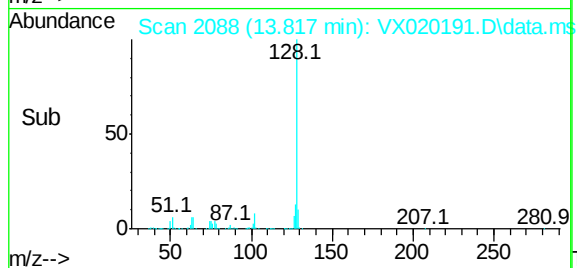
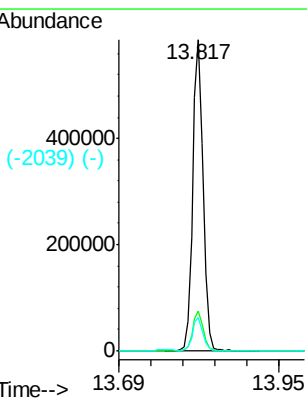
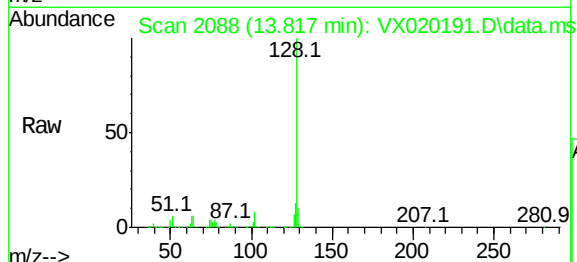
Manual Integrations
 APPROVED

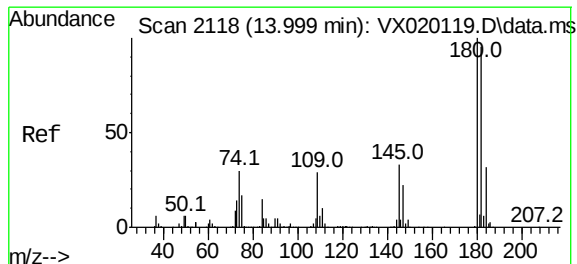
MMDadoda
 12/21/2020 3:56:57 PM



Scan 2088 (13.816 min): VX020119.D\data.ms (-2080) (-)
 Naphthalene
 Concen: 52.17 ug/l
 RT: 13.817 min Scan# 2088
 Delta R.T. 0.001 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

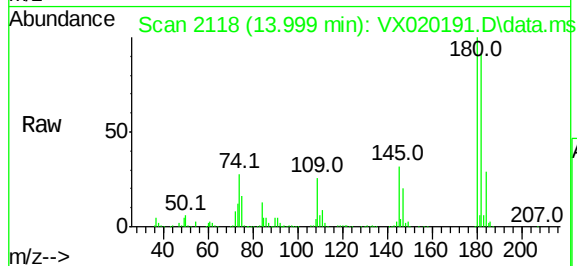
Tgt Ion:	128	Resp:	702881
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.6	8.8	13.2





#9610 (-)
 1,2,3-Trichlorobenzene
 Concen: 48.21 ug/l
 RT: 13.999 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: VX020191.D
 Acq: 19 Dec 2020 22:59

Instrument :
 MSVOA_X
ClientSampleId :
 49-IW5677-121220MSD



Tgt Ion:180 Resp: 202906

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.6	142.9
145	32.7	16.1	48.3

Manual Integrations
APPROVED
 MMDadoda
 12/21/2020 3:56:57 PM

