

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120820\
 Data File : VX019761.D
 Acq On : 08 Dec 2020 15:30
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

Manual Integrations
 APPROVED

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 12/10/2020 10:17:56 AM

Quant Time: Dec 09 06:16:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X120820W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Dec 09 06:09:21 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.977	128	54850	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.824	114	302522	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.092	117	276781	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.025	65	115791	30.46	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	101.53%		
60) 4-Bromofluorobenzene	11.116	95	136170	29.30	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.67%		
63) Toluene-d8	8.689	98	363484	29.98	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.93%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	57993	19.89	ug/l	95
3) Chloromethane	1.313	50	63956	20.56	ug/l	100
4) Vinyl Chloride	1.392	62	73554	20.44	ug/l	100
5) Bromomethane	1.624	94	23991	17.22	ug/l	98
6) Chloroethane	1.703	64	46763	20.60	ug/l	97
7) Trichlorofluoromethane	1.910	101	104865	20.68	ug/l	99
8) Diethyl Ether	2.166	74	43553	20.69	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	60016	20.58	ug/l	100
10) 1,1-Dichloroethene	2.355	96	59471	20.09	ug/l	99
11) Methyl Iodide	2.489	142	68055	17.58	ug/l	96
12) Methyl Acetate	2.745	43	75502	19.59	ug/l	99
13) Acrolein	2.270	56	45161	82.68	ug/l	97
14) Acrylonitrile	3.111	53	193399	103.21	ug/l	100
15) Acetone	2.416	58	55624	99.76	ug/l	98
16) Carbon Disulfide	2.550	76	163424	20.17	ug/l	99
17) Allyl chloride	2.703	41	100043	20.53	ug/l	98
18) Methylene Chloride	2.831	84	76324	20.90	ug/l	99
19) trans-1,2-Dichloroethene	3.142	96	70449	20.51	ug/l	97
20) Diisopropyl ether	3.825	45	209160	20.68	ug/l	94
21) 1,1-Dichloroethane	3.666	63	124432	20.55	ug/l	98
22) cis-1,2-Dichloroethene	4.562	96	81654	20.57	ug/l	99
23) tert-Butyl Alcohol	3.014	59	90888	103.01	ug/l #	100
24) Methyl tert-Butyl Ether	3.166	73	221600	20.56	ug/l	100
25) Chloroform	5.172	83	128449	20.56	ug/l	98
26) Cyclohexane	5.544	56	109508	21.07	ug/l #	99
29) 1,1-Dichloropropene	5.763	75	96057	20.46	ug/l	99
30) 2-Butanone	4.629	43	249668	100.36	ug/l	99
31) 2,2-Dichloropropane	4.544	77	106499	20.09	ug/l	99
32) 1,1,1-Trichloroethane	5.458	97	110326	20.29	ug/l	99
33) Carbon Tetrachloride	5.751	117	93603	20.01	ug/l	97
34) Benzene	6.111	78	295025	20.54	ug/l	99
35) Methacrylonitrile	5.001	41	51595	20.06	ug/l	98
36) 1,2-Dichloroethane	6.159	62	100645	20.40	ug/l	99
37) Trichloroethene	7.184	130	76084	20.19	ug/l	100
38) Methylcyclohexane	7.440	83	115263	20.63	ug/l	99
39) 1,2-Dichloropropane	7.488	63	74016	20.50	ug/l	98
40) Dibromomethane	7.635	93	49514	20.06	ug/l	99
41) Bromodichloromethane	7.873	83	97763	19.92	ug/l	99
42) Vinyl Acetate	3.782	43	894564	102.64	ug/l	100
43) Ethyl Acetate	4.788	43	97002	20.58	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	6.409	43	154195	20.09	ug/l	99
45) 1,4-Dioxane	7.714	88	36306	390.93	ug/l	97
46) Methyl methacrylate	7.745	41	76263	20.17	ug/l	99
47) n-amyl Acetate	10.878	43	128810	19.59	ug/l	100
48) t-1,3-Dichloropropene	9.019	75	107303	19.64	ug/l	98
49) cis-1,3-Dichloropropene	8.409	75	117984	19.74	ug/l	98
50) 1,1,2-Trichloroethane	9.195	97	74488	20.23	ug/l	99
51) Ethyl methacrylate	9.159	69	110687	19.58	ug/l	99
52) 1,3-Dichloropropane	9.348	76	126921	20.48	ug/l	99
53) Dibromochloromethane	9.561	129	74471	19.19	ug/l	99
54) 1,2-Dibromoethane	9.653	107	78866	20.21	ug/l	98
55) 2-Chloroethyl vinyl ether	8.287	63	257343	88.01	ug/l	99
56) Bromoform	10.842	173	52576	18.19	ug/l	95
58) 4-Methyl-2-Pentanone	8.616	43	482818	102.10	ug/l	100
59) 2-Hexanone	9.470	43	377054	102.16	ug/l	100
61) Tetrachloroethene	9.317	164	68156	20.87	ug/l	93
62) Toluene	8.763	91	321718	21.05	ug/l	99
64) Chlorobenzene	10.122	112	195446	20.39	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.201	131	70380	19.80	ug/l	98
66) Ethyl Benzene	10.232	91	356068	20.74	ug/l	100
67) m/p-Xylenes	10.342	106	265913	41.01	ug/l	99
68) o-Xylene	10.683	106	127522	20.26	ug/l	97
69) Styrene	10.695	104	215094	20.11	ug/l	99
70) Isopropylbenzene	11.000	105	344734	20.56	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.250	83	119670	20.62	ug/l	100
72) 1,2,3-Trichloropropane	11.280	75	110162m	20.34	ug/l	
73) Bromobenzene	11.238	156	84963	19.90	ug/l	99
74) n-propylbenzene	11.341	91	395398	20.39	ug/l	100
75) 2-Chlorotoluene	11.402	91	241618	20.52	ug/l	100
76) 1,3,5-Trimethylbenzene	11.488	105	290916	20.47	ug/l	99
77) t-1,4-Dichloro-2-butene	11.055	75	36075	18.45	ug/l	98
78) 4-Chlorotoluene	11.494	91	275929	20.27	ug/l	99
79) tert-butylbenzene	11.750	119	284444	20.44	ug/l	97
80) 1,2,4-Trimethylbenzene	11.793	105	289275	20.27	ug/l	99
81) sec-Butylbenzene	11.927	105	325572	20.22	ug/l	100
82) p-Isopropyltoluene	12.049	119	296622	20.09	ug/l	100
83) 1,3-Dichlorobenzene	12.006	146	153163	19.90	ug/l	99
84) 1,4-Dichlorobenzene	12.079	146	156089	20.15	ug/l	99
85) n-Butylbenzene	12.372	91	256773	19.78	ug/l	100
86) Hexachloroethane	12.579	117	49181	18.93	ug/l	99
87) 1,2-Dichlorobenzene	12.372	146	152760	20.20	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.981	75	24647	19.52	ug/l	98
89) 1,2,4-Trichlorobenzene	13.628	180	98028	19.63	ug/l	99
90) Hexachlorobutadiene	13.762	225	46365	21.23	ug/l	94
91) Naphthalene	13.817	128	321768	19.68	ug/l	100
92) 1,2,3-Trichlorobenzene	13.999	180	97264	19.84	ug/l	99

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

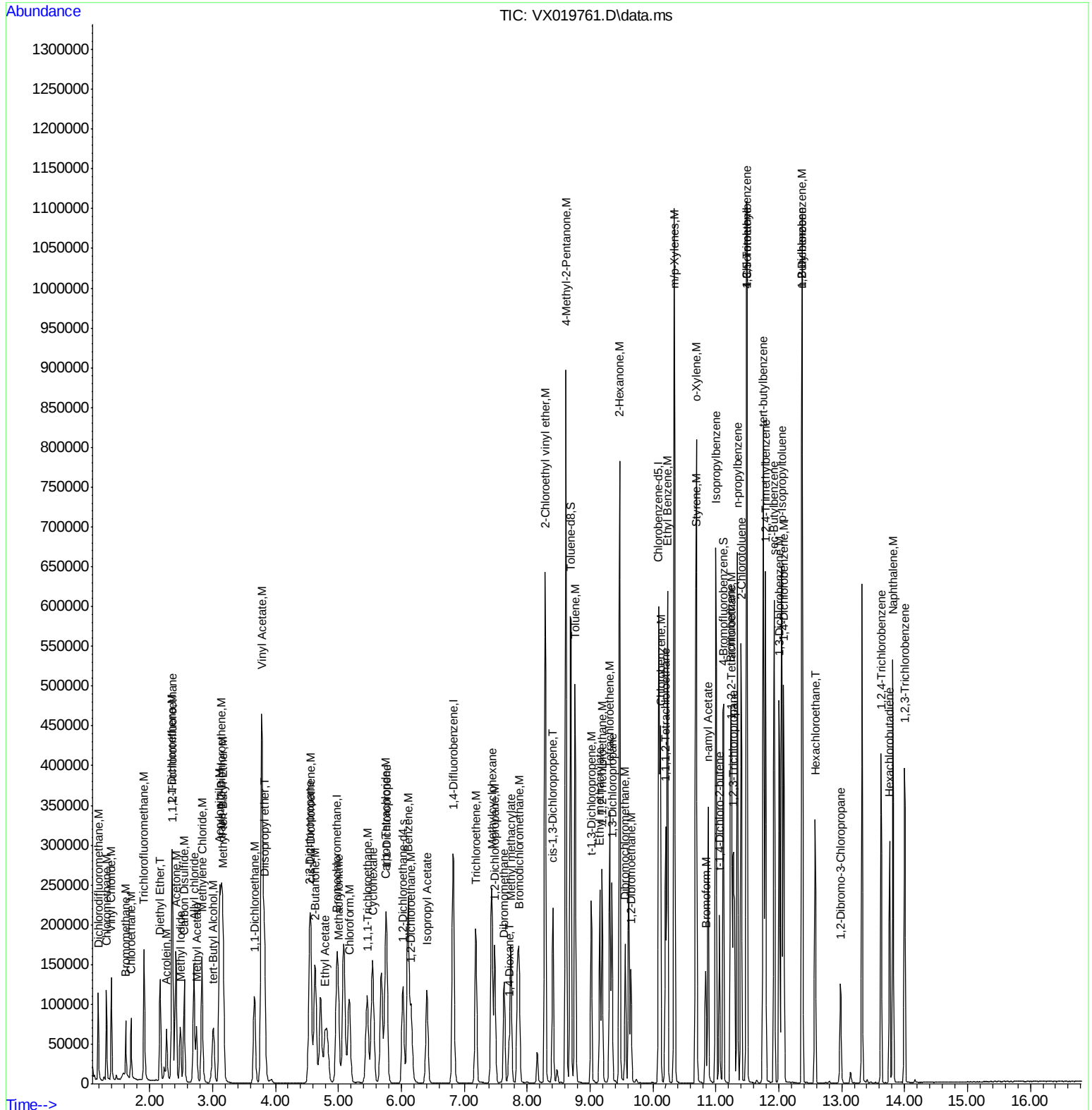
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Misc      : 5.0mL/MSVOA_X/WATER  
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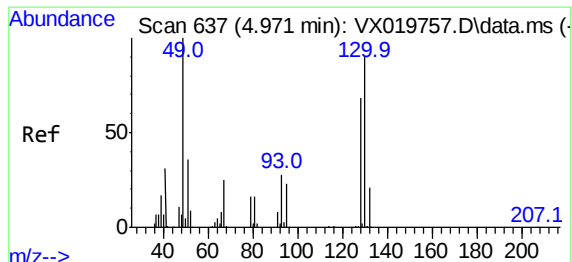
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ClientSampleId :
VSTDICV020

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QLast Update : Wed Dec 09 06:09:21 2020
Response via : Initial Calibration





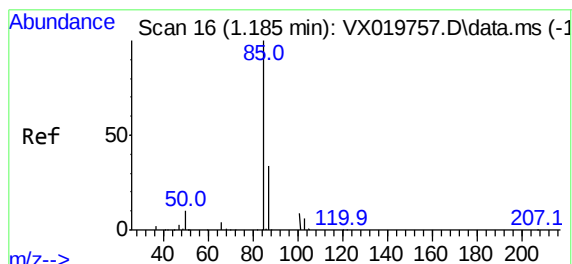
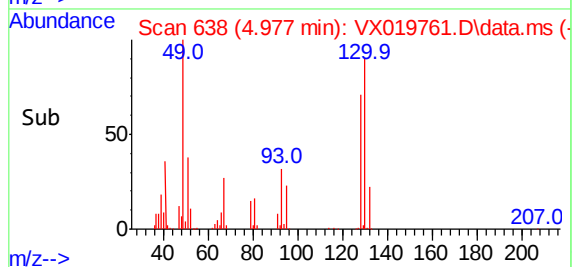
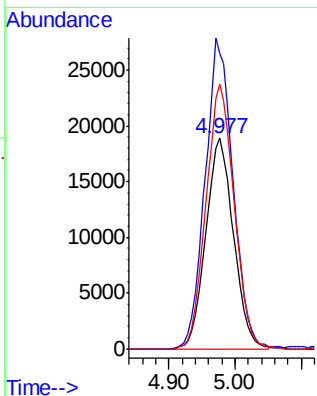
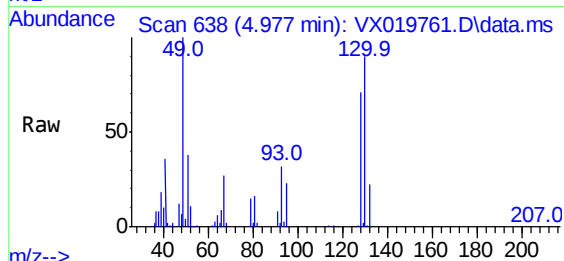
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Bromochloromethane
Concen: 30.00 ug/l
RT: 4.977 min Scan# 638
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tgt Ion:128 Resp: 54850
Ion Ratio Lower Upper
128 100
49 149.4 0.0 367.5
130 128.0 0.0 318.8

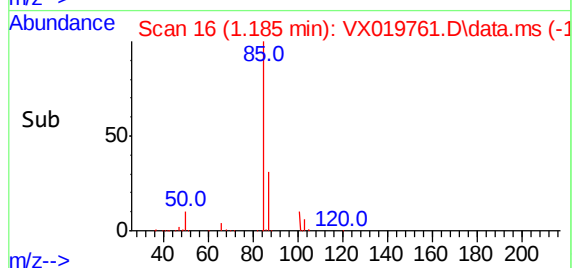
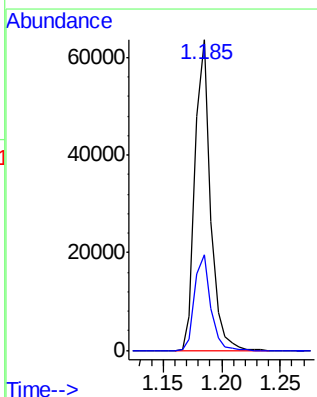
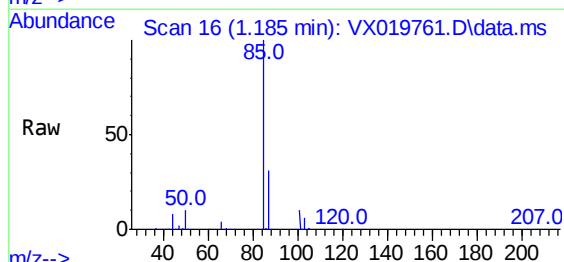
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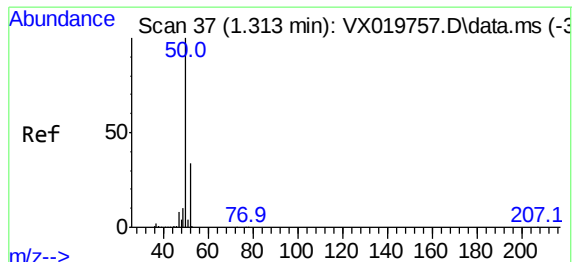
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#2
Dichlorodifluoromethane
Concen: 19.89 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 85 Resp: 57993
Ion Ratio Lower Upper
85 100
87 30.9 16.8 50.4





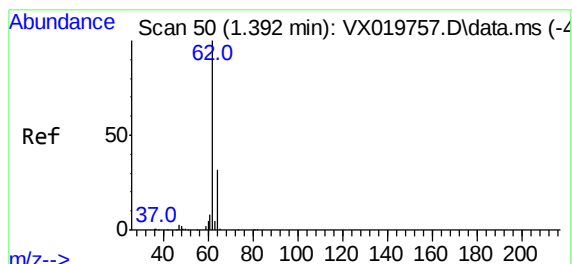
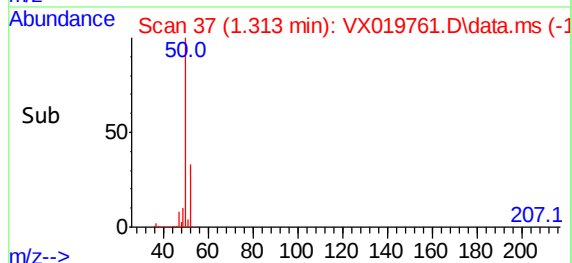
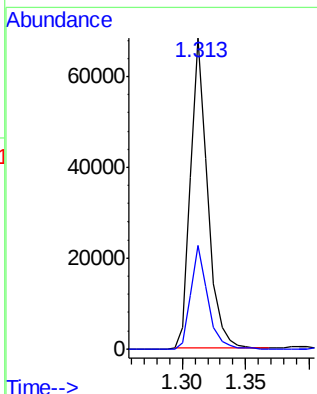
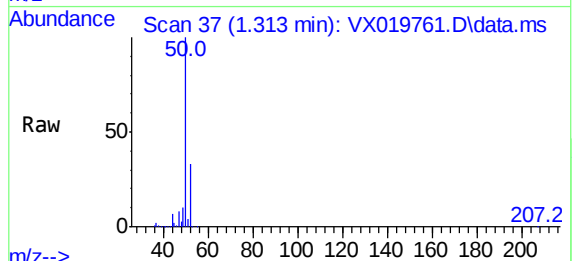
#3
Chloromethane
Concen: 20.56 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 50 Resp: 63956
Ion Ratio Lower Upper
50 100
52 33.4 26.9 40.3

Instrument :
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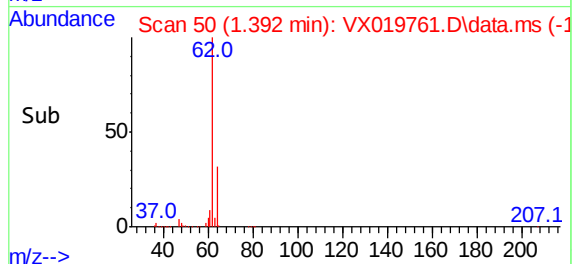
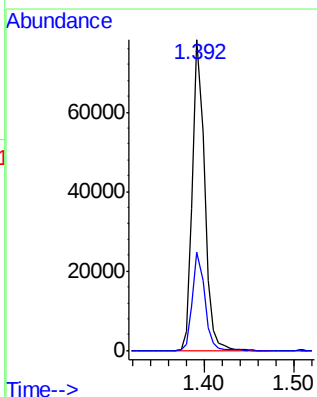
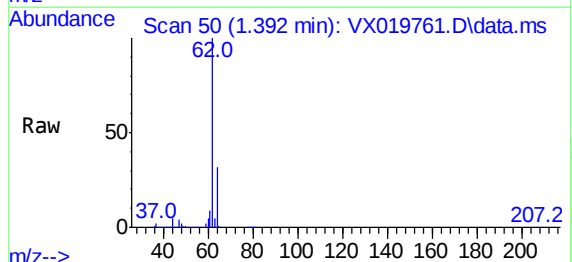
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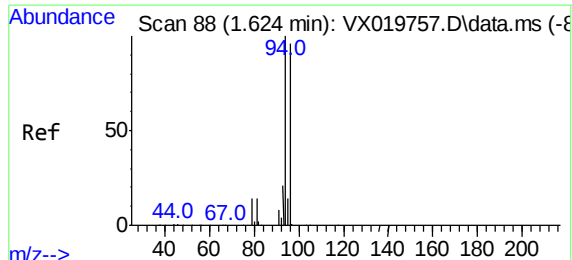
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#4
Vinyl Chloride
Concen: 20.44 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 62 Resp: 73554
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.2





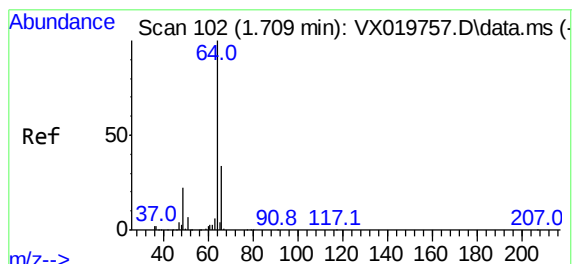
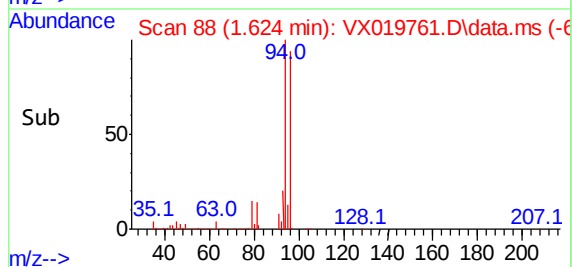
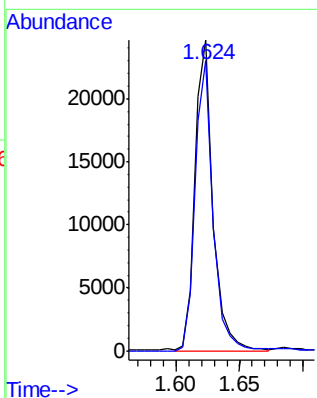
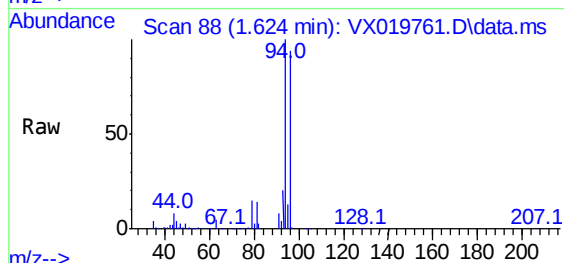
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Bromomethane
Concen: 17.22 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 94 Resp: 23991
Ion Ratio Lower Upper
94 100
96 93.8 76.6 114.8

Instrument :
MSVOA_X
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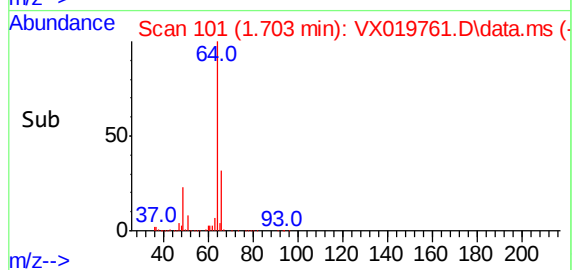
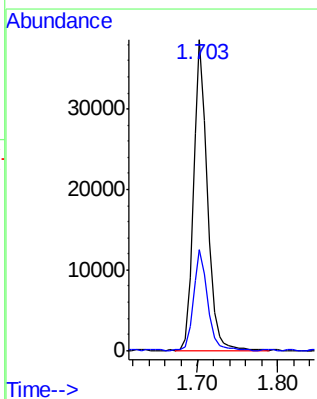
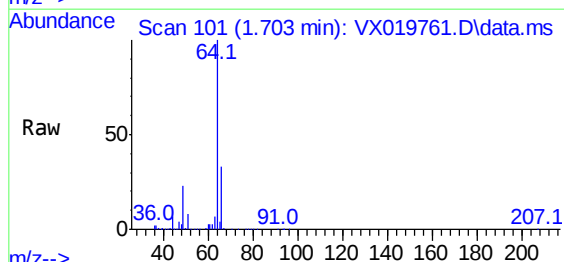
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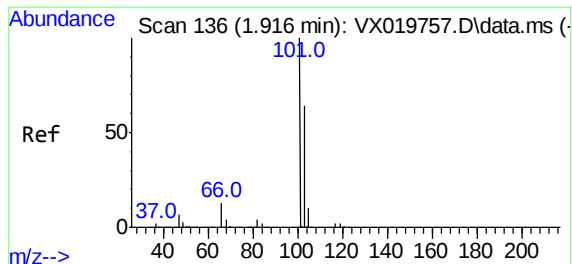
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#6
Chloroethane
Concen: 20.60 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 64 Resp: 46763
Ion Ratio Lower Upper
64 100
66 32.4 27.4 41.2





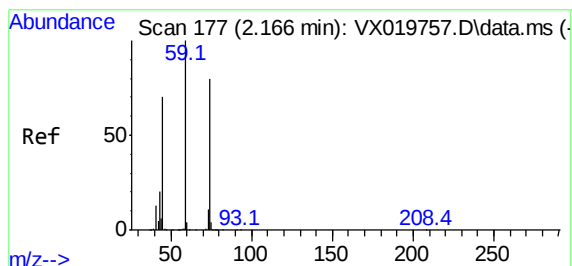
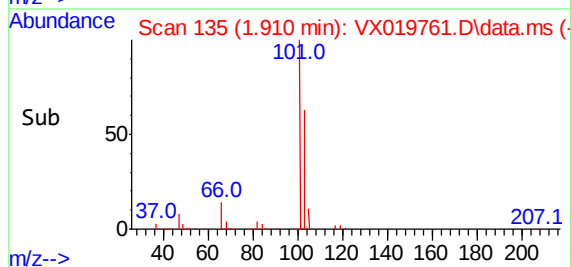
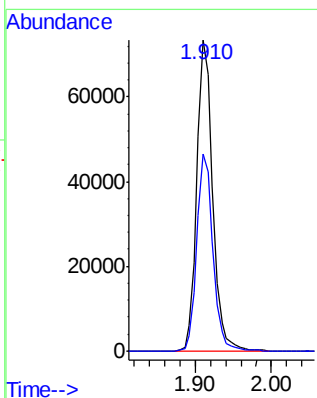
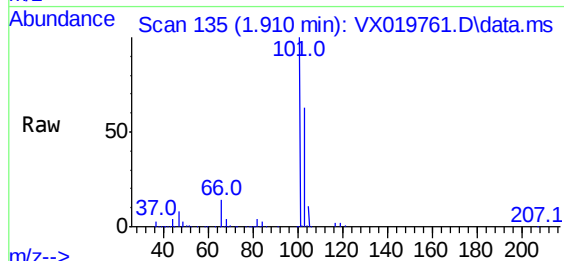
#7
Trichlorofluoromethane
Concen: 20.68 ug/l
RT: 1.910 min Scan# 135
Delta R.T. -0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion:101 Resp: 104865
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.2

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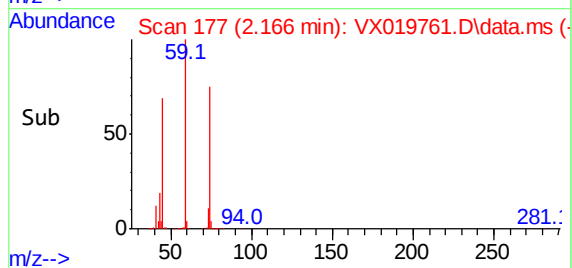
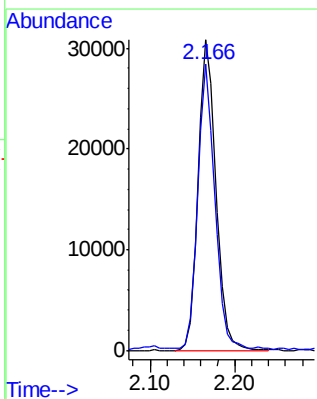
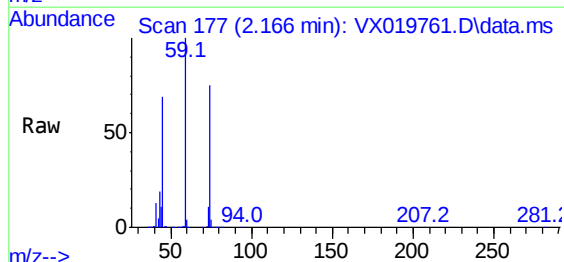
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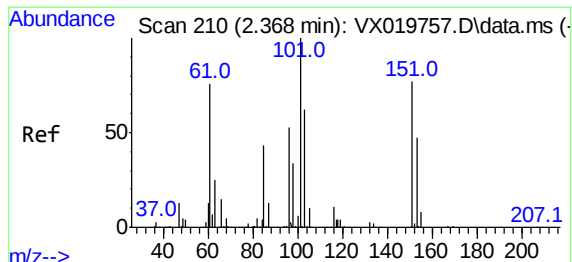
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#8
Diethyl Ether
Concen: 20.69 ug/l
RT: 2.166 min Scan# 177
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 74 Resp: 43553
Ion Ratio Lower Upper
74 100
45 87.9 17.3 155.7



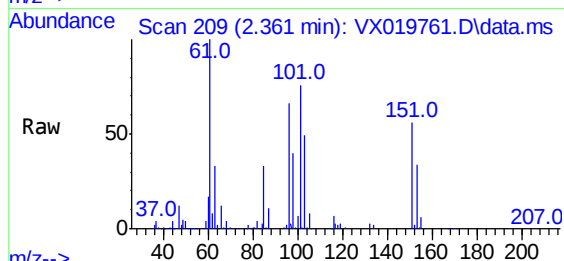


#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.58 ug/l
RT: 2.361 min Scan# 209
Delta R.T. -0.006 min
Lab File: VX019761.D
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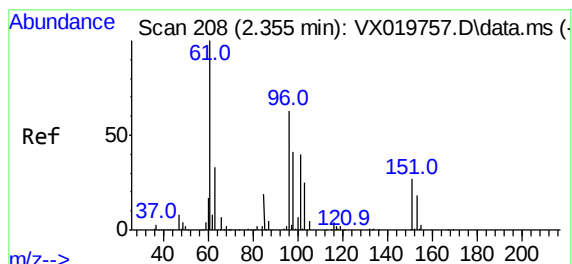
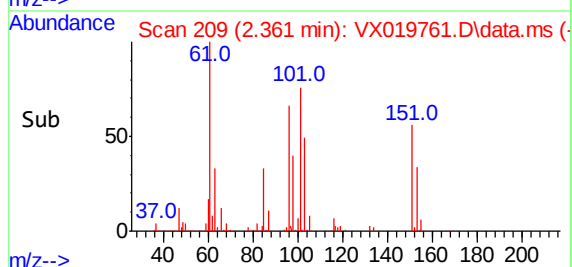
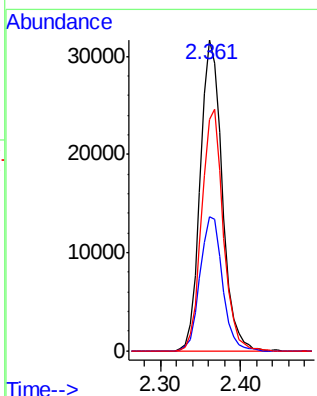
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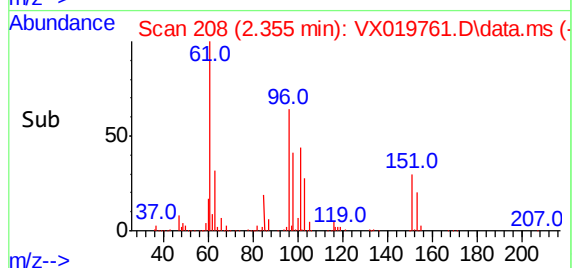
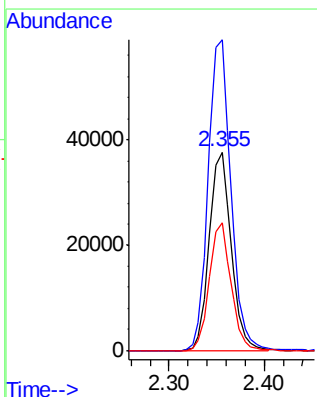
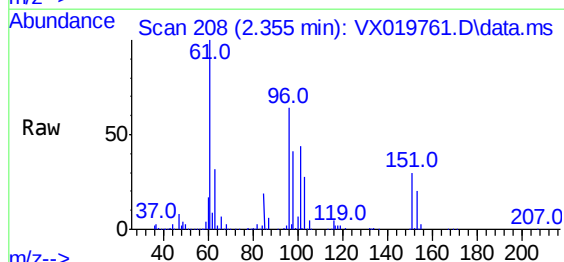


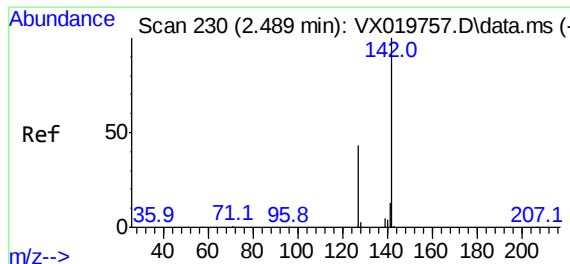
Tgt Ion:101 Resp: 60016
Ion Ratio Lower Upper
101 100
85 44.1 0.0 88.0
151 76.3 0.0 151.8



#10
1,1-Dichloroethene
Concen: 20.09 ug/l
RT: 2.355 min Scan# 208
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 96 Resp: 59471
Ion Ratio Lower Upper
96 100
61 156.4 126.1 189.1
98 64.5 51.3 76.9





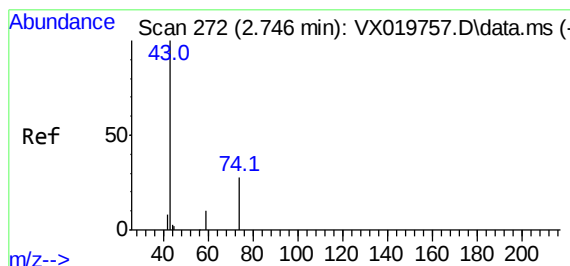
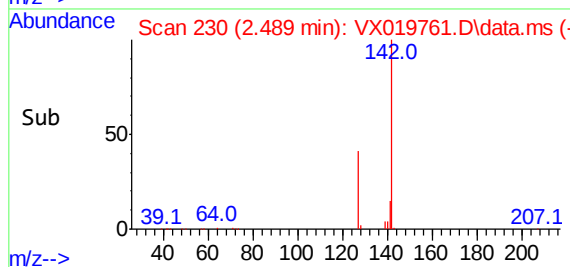
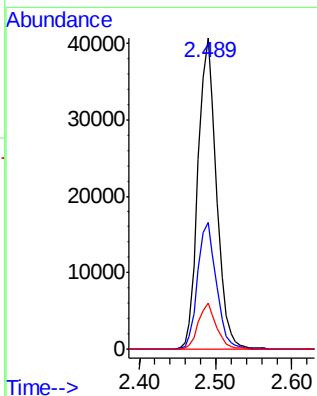
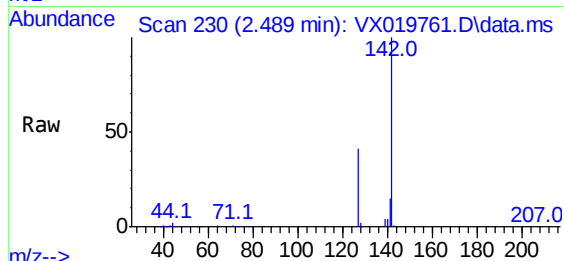
#11
Methyl Iodide
Concen: 17.58 ug/l
RT: 2.489 min Scan# 230
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion:142 Resp: 68055
Ion Ratio Lower Upper
142 100
127 40.8 21.4 64.2
141 14.8 6.5 19.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

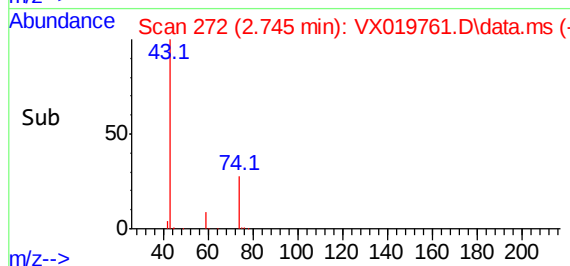
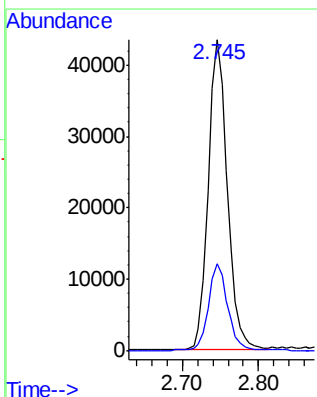
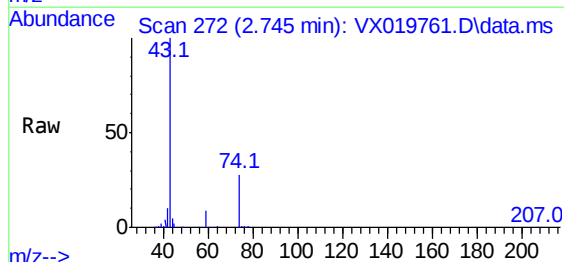
Manual Integrations
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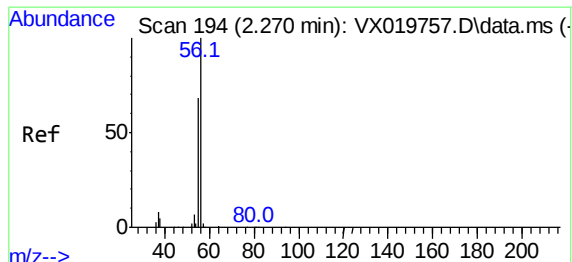
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#12
Methyl Acetate
Concen: 19.59 ug/l
RT: 2.745 min Scan# 272
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 43 Resp: 75502
Ion Ratio Lower Upper
43 100
74 27.7 22.8 34.2





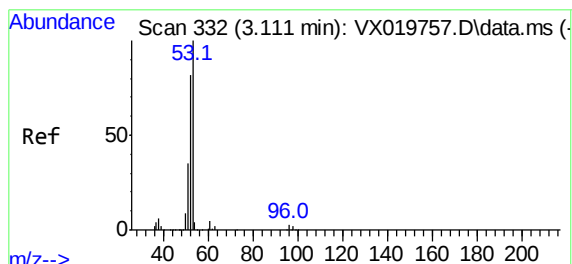
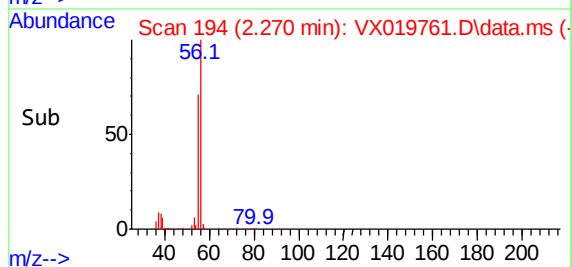
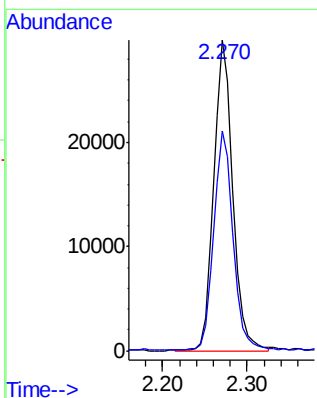
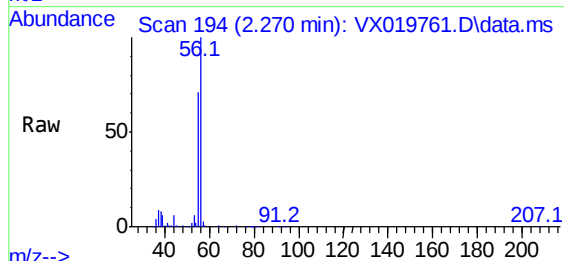
#13
Acrolein
Concen: 82.68 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 56 Resp: 45161
Ion Ratio Lower Upper
56 100
55 72.7 56.3 84.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

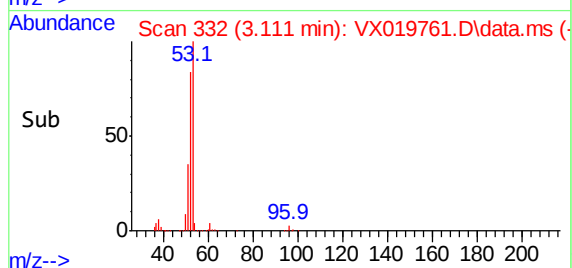
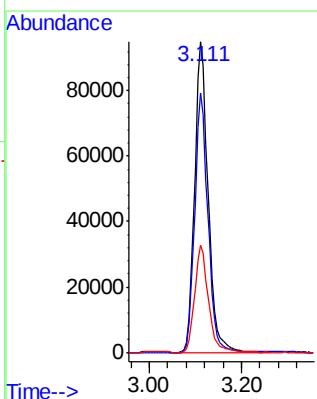
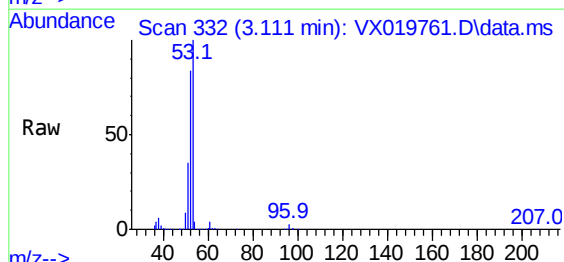
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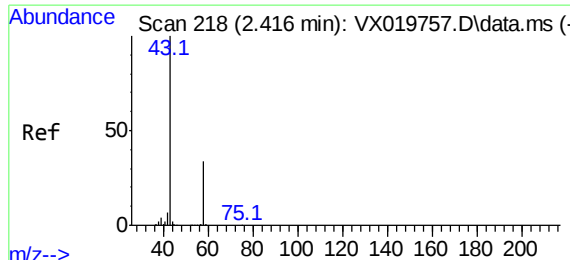
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#14
Acrylonitrile
Concen: 103.21 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 53 Resp: 193399
Ion Ratio Lower Upper
53 100
52 81.9 41.1 123.3
51 35.2 17.6 52.9



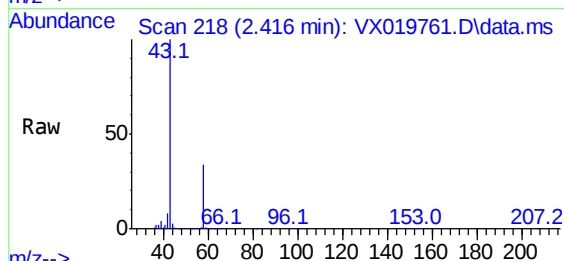


#15
Acetone
Concen: 99.76 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

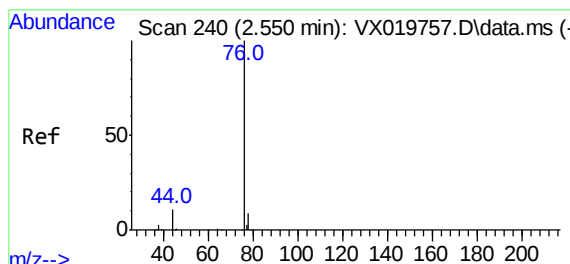
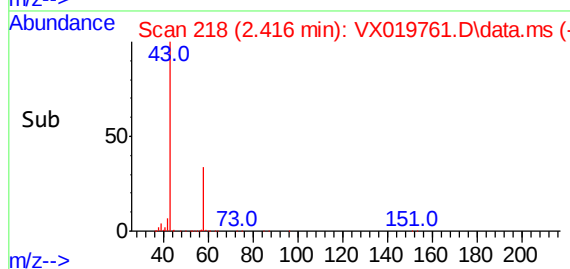
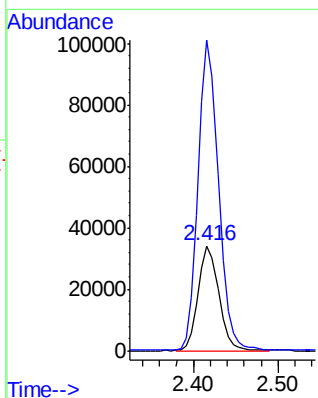
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

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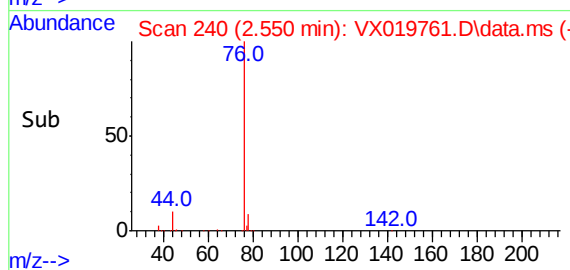
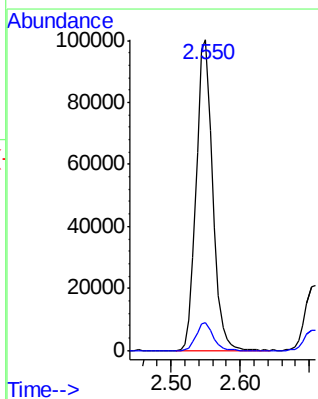
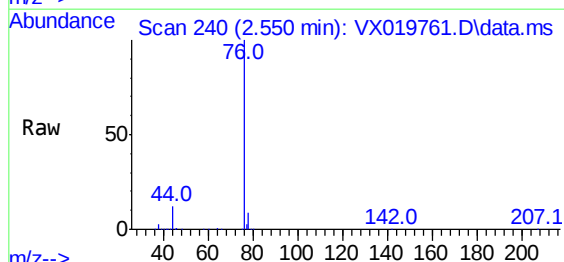


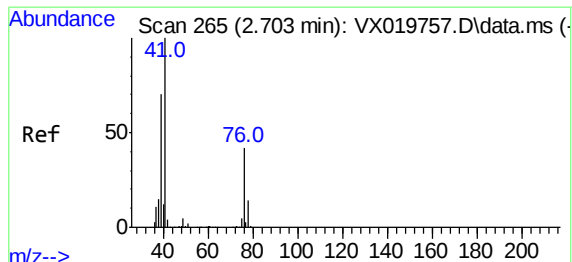
Tgt Ion: 58 Resp: 55624
Ion Ratio Lower Upper
58 100
43 295.3 232.6 348.8



#16
Carbon Disulfide
Concen: 20.17 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 76 Resp: 163424
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0





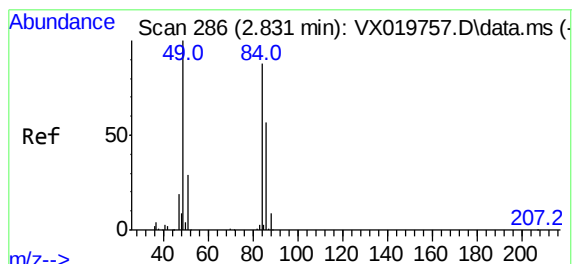
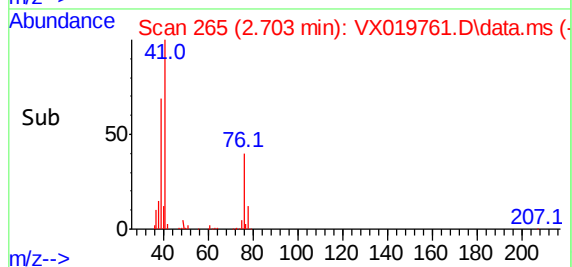
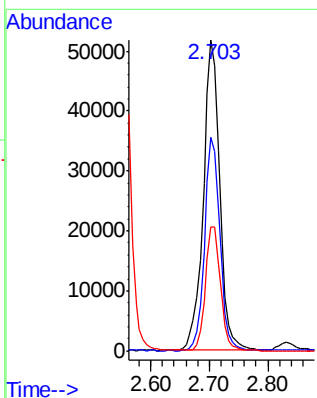
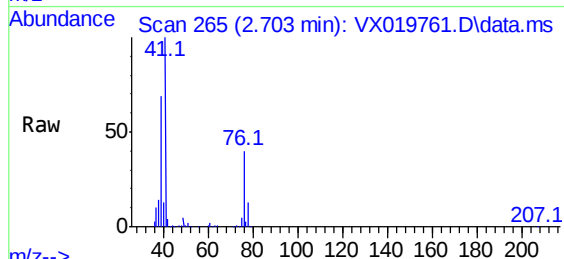
#17
 Allyl chloride
 Concen: 20.53 ug/l
 RT: 2.703 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VX019761.D
 Acq: 08 Dec 2020 15:30

Tgt Ion: 41 Resp: 100043
 Ion Ratio Lower Upper
 41 100
 39 68.7 34.8 104.4
 76 39.8 21.3 63.9

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

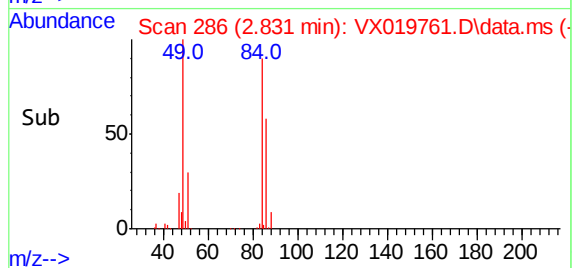
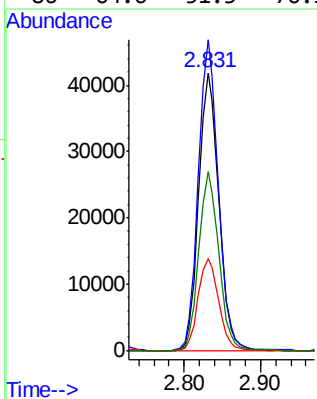
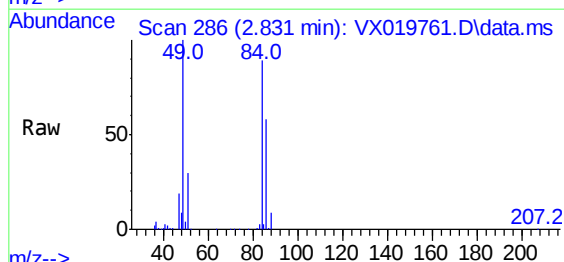
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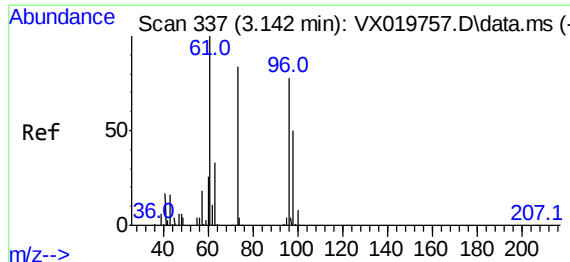
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#18
 Methylene Chloride
 Concen: 20.90 ug/l
 RT: 2.831 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VX019761.D
 Acq: 08 Dec 2020 15:30

Tgt Ion: 84 Resp: 76324
 Ion Ratio Lower Upper
 84 100
 49 111.7 90.6 136.0
 51 33.0 26.3 39.5
 86 64.6 51.3 76.9





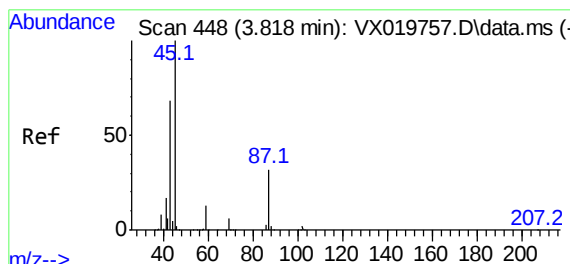
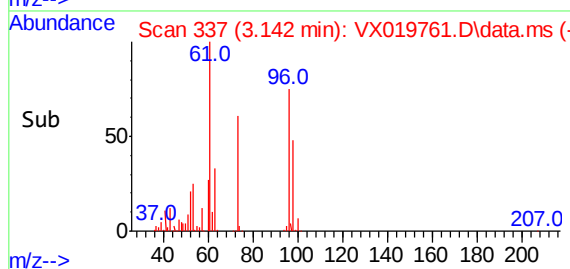
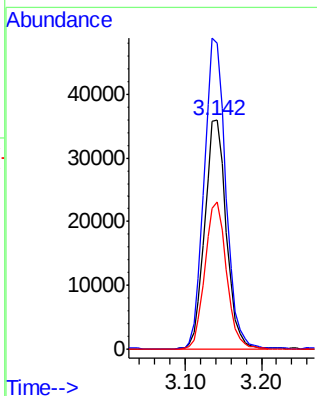
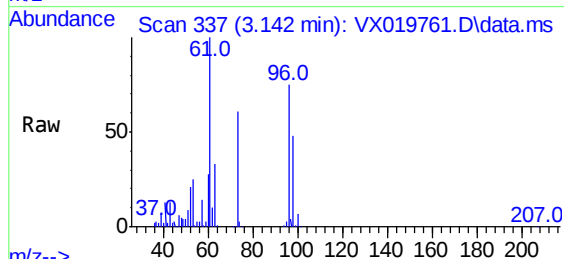
#19
trans-1,2-Dichloroethene
Concen: 20.51 ug/l
RT: 3.142 min Scan# 337
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tgt Ion: 96 Resp: 70449
Ion Ratio Lower Upper
96 100
61 133.8 103.0 154.4
98 64.1 51.8 77.6

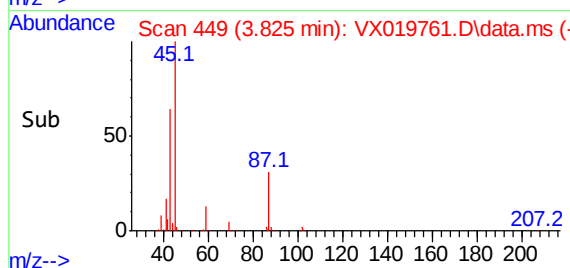
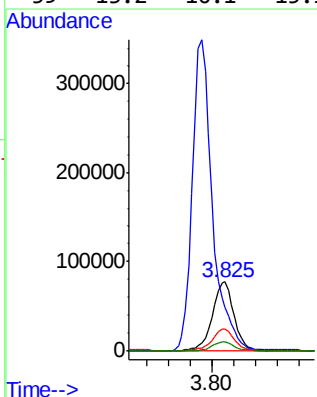
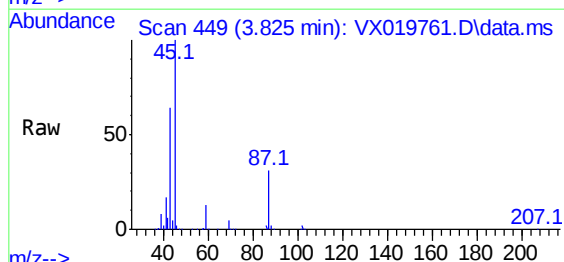
Manual Integrations
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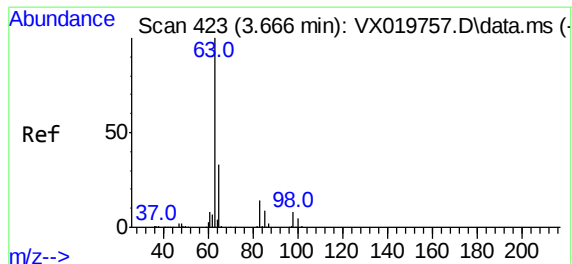
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#20
Diisopropyl ether
Concen: 20.68 ug/l
RT: 3.825 min Scan# 449
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 45 Resp: 209160
Ion Ratio Lower Upper
45 100
43 62.6 56.0 84.0
87 31.1 25.4 38.0
59 13.2 10.1 15.1





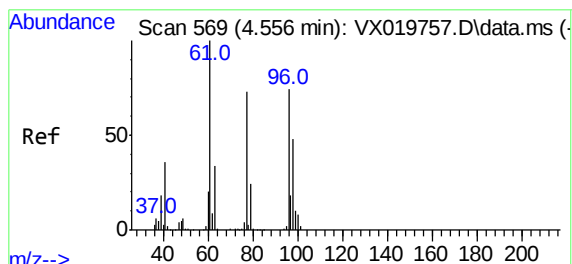
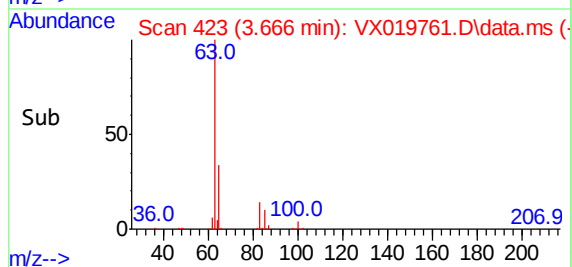
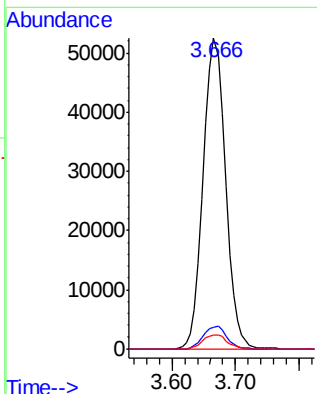
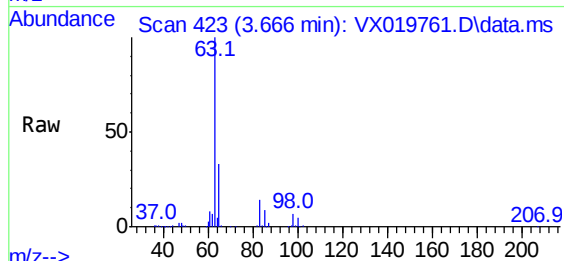
#21
1,1-Dichloroethane
Concen: 20.55 ug/l
RT: 3.666 min Scan# 423
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 63 Resp: 124432
Ion Ratio Lower Upper
63 100
98 7.0 3.9 11.7
100 4.5 2.5 7.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

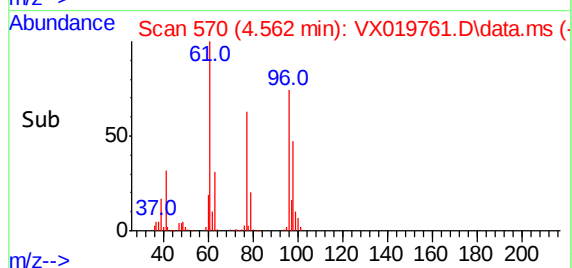
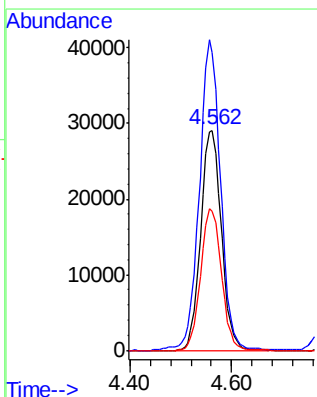
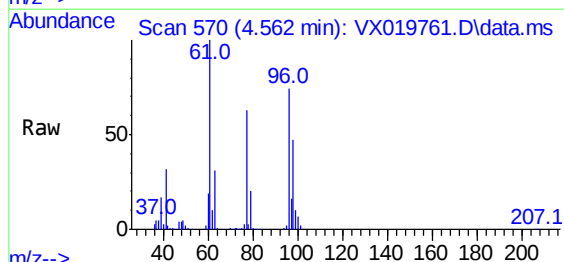
Manual Integrations
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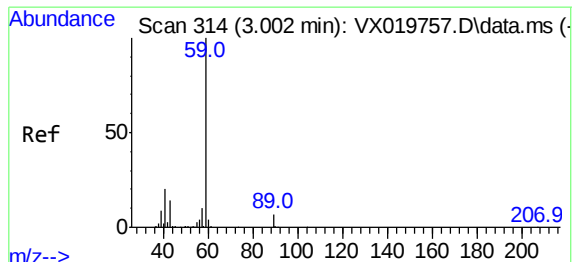
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#22
cis-1,2-Dichloroethene
Concen: 20.57 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 96 Resp: 81654
Ion Ratio Lower Upper
96 100
61 144.2 114.1 171.1
98 64.8 51.8 77.8



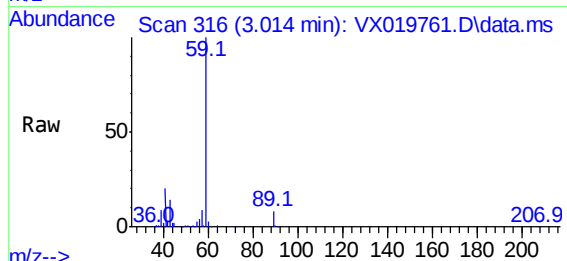


#23
tert-Butyl Alcohol
Concen: 103.01 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.012 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

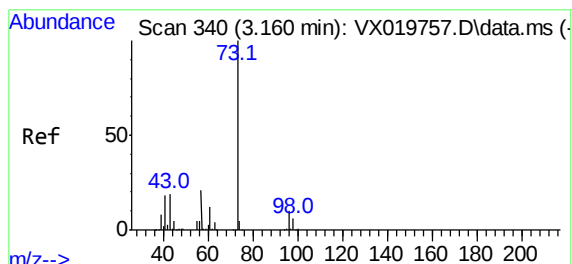
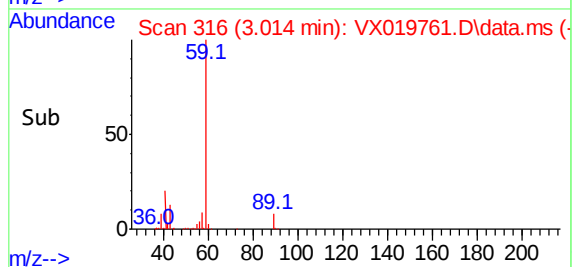
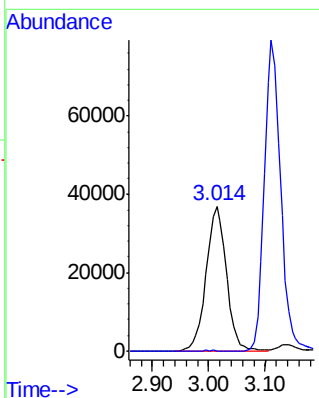
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

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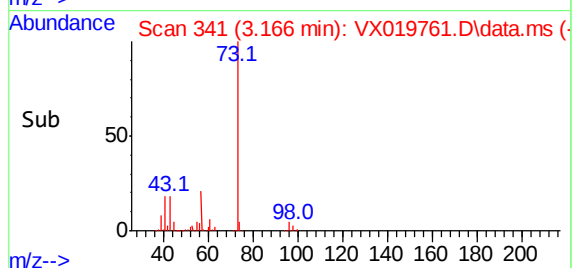
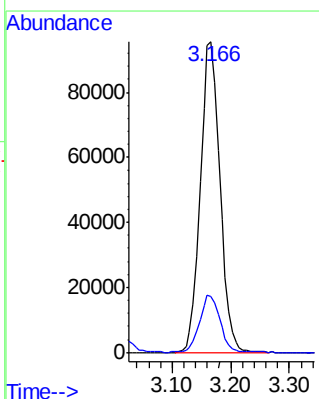
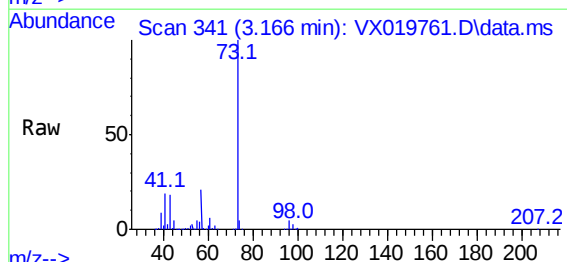


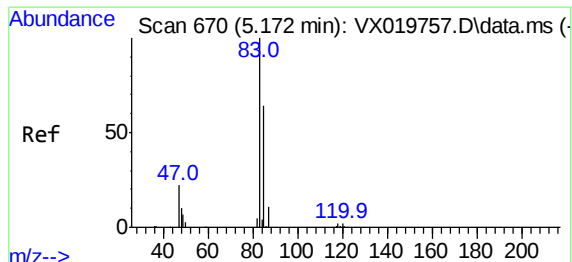
Tgt Ion: 59 Resp: 90888
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1#



#24
Methyl tert-Butyl Ether
Concen: 20.56 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 73 Resp: 221600
Ion Ratio Lower Upper
73 100
43 18.8 14.9 22.3





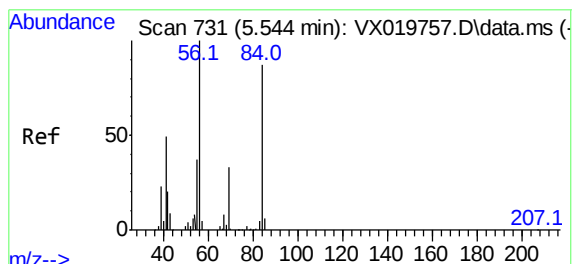
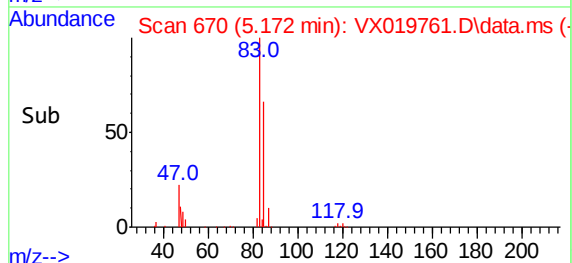
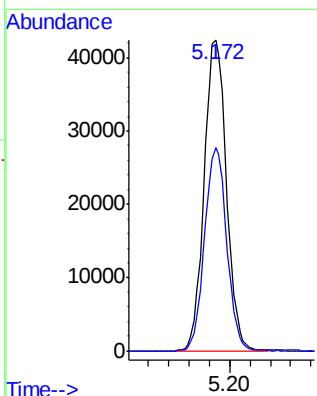
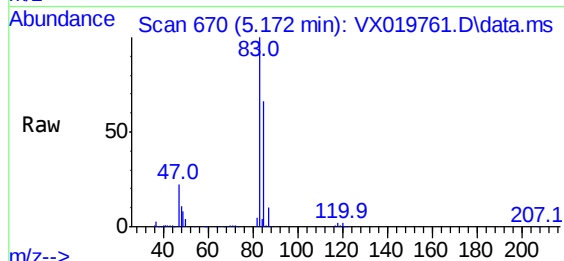
#25
Chloroform
Concen: 20.56 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tgt Ion: 83 Resp: 128449
Ion Ratio Lower Upper
83 100
85 65.6 51.2 76.8

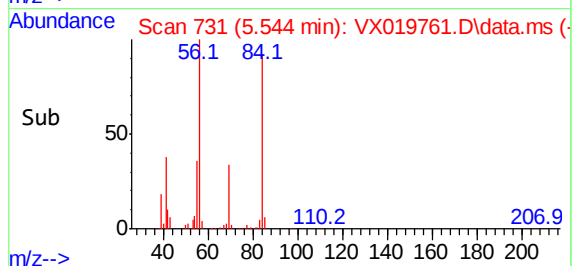
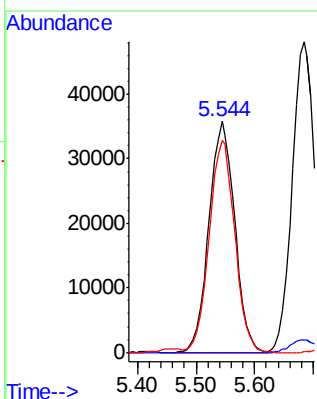
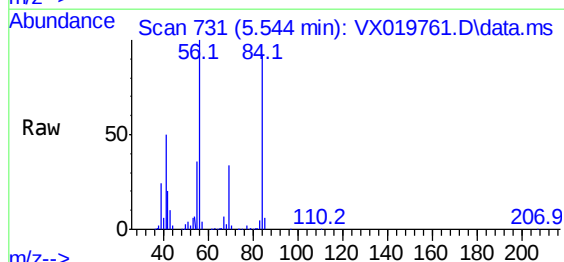
Manual Integrations
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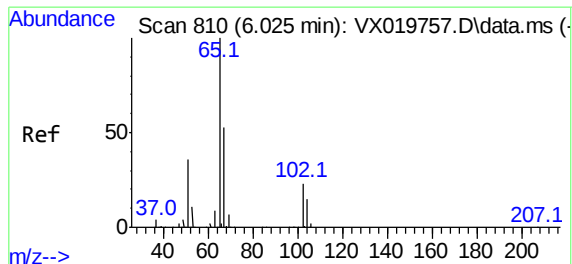
MMDadoda
12/10/2020 10:17:56 AM



#26
Cyclohexane
Concen: 21.07 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 56 Resp: 109508
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.3 74.1 111.1





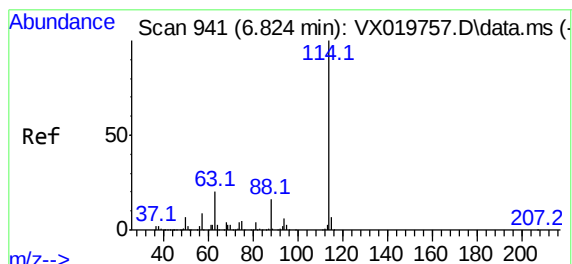
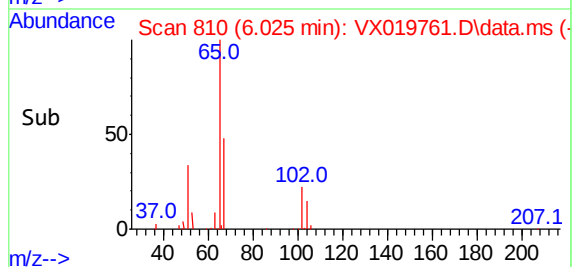
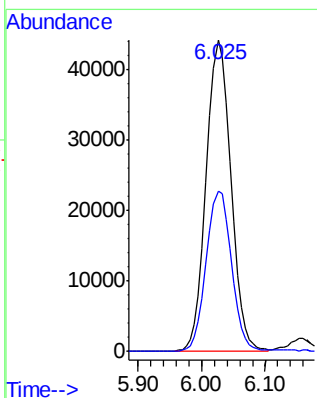
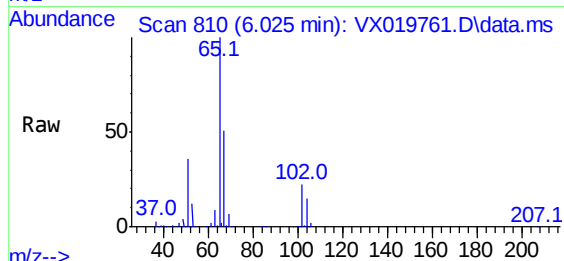
#27
1,2-Dichloroethane-d4
Concen: 30.46 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 65 Resp: 115791
Ion Ratio Lower Upper
65 100
67 52.4 41.9 62.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

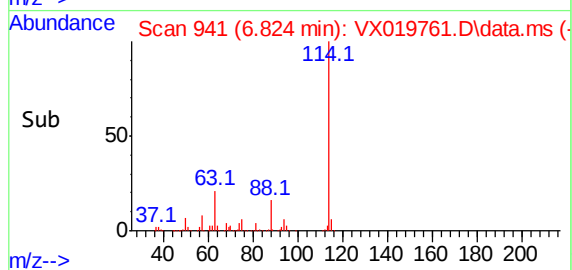
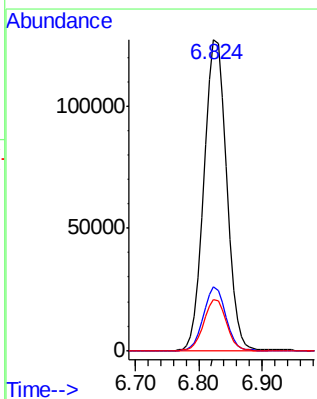
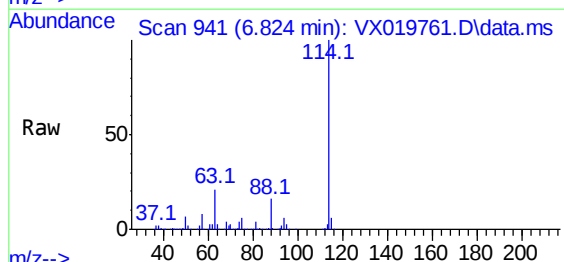
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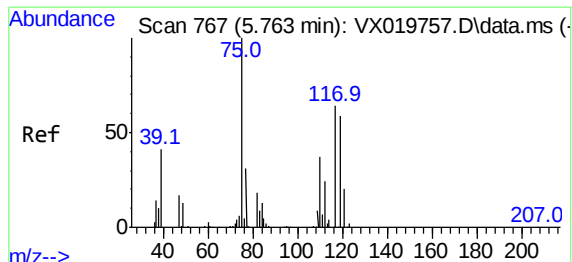
MMDadoda
12/10/2020 10:17:56 AM



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion:114 Resp: 302522
Ion Ratio Lower Upper
114 100
63 20.0 16.2 24.2
88 16.3 13.0 19.6



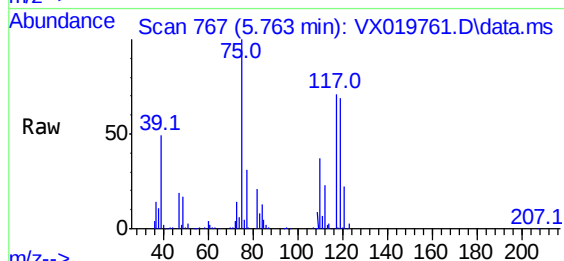


#29
1,1-Dichloropropene
Concen: 20.46 ug/l
RT: 5.763 min Scan# 767
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

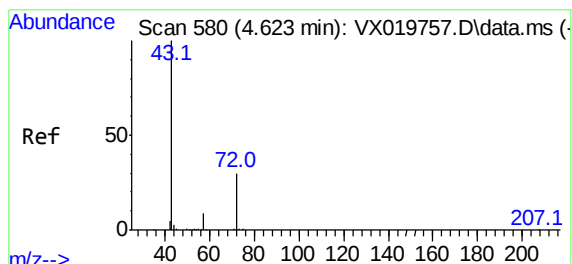
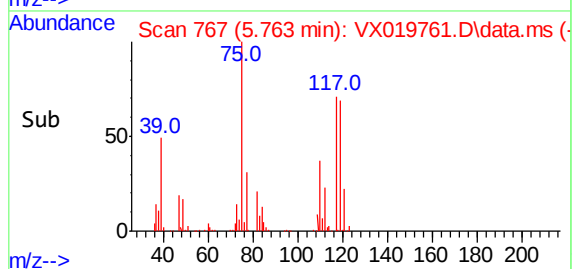
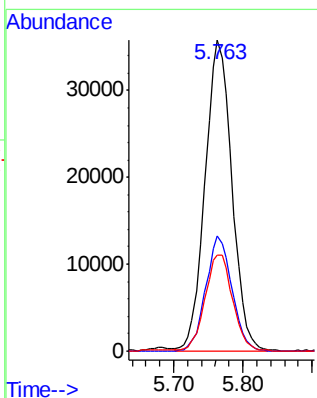
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

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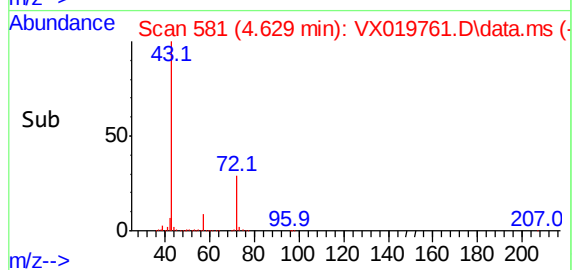
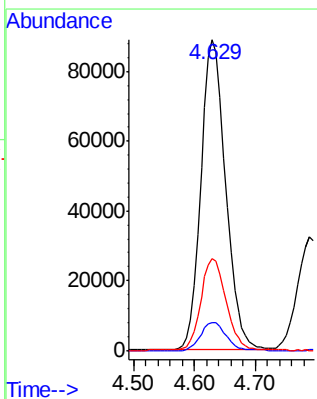
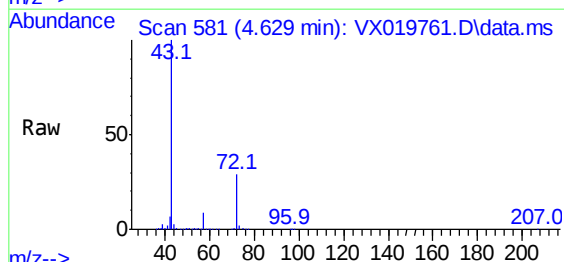


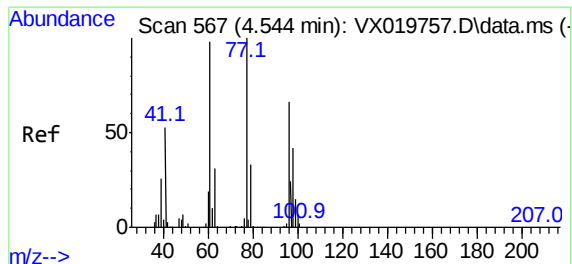
Tgt Ion: 75 Resp: 96057
Ion Ratio Lower Upper
75 100
110 36.0 0.0 72.4
77 31.7 0.0 62.4



#30
2-Butanone
Concen: 100.36 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 43 Resp: 249668
Ion Ratio Lower Upper
43 100
57 9.2 7.2 10.8
72 30.0 23.7 35.5





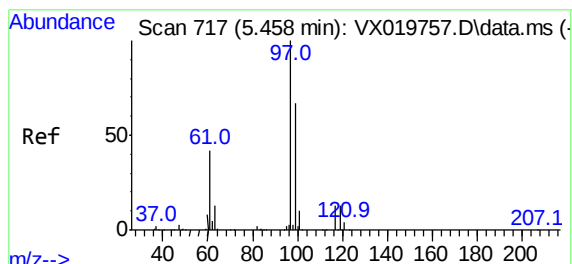
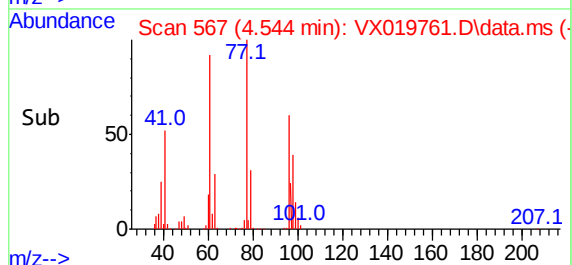
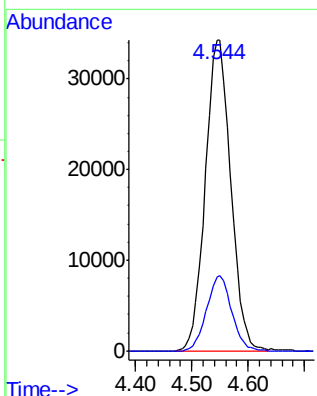
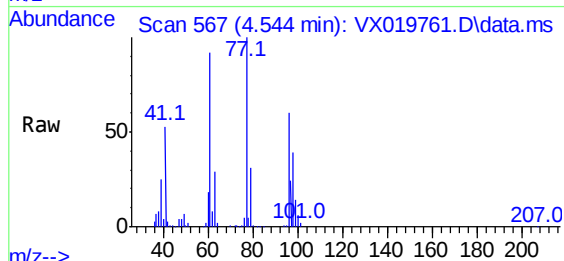
#31
2,2-Dichloropropane
Concen: 20.09 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

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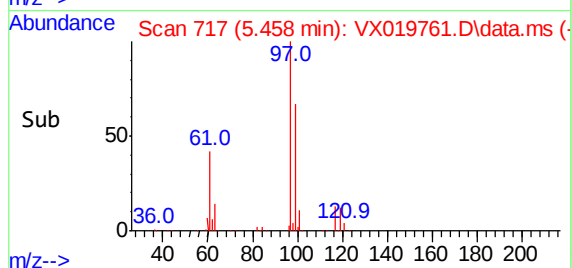
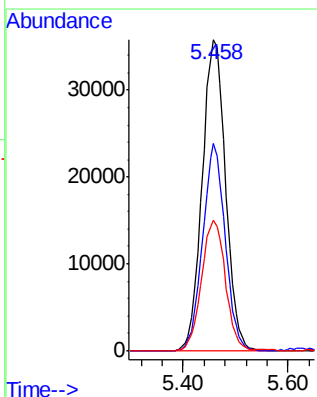
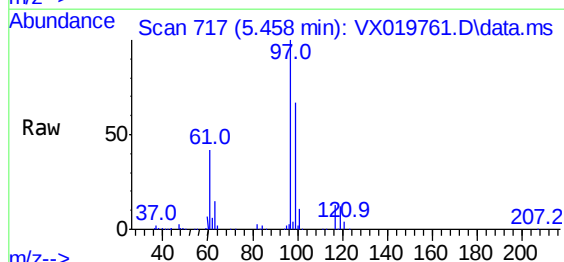
MMDadoda
12/10/2020 10:17:56 AM

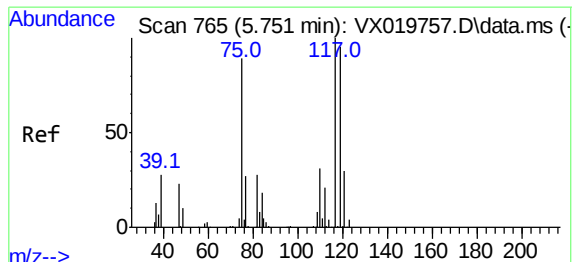
Tgt Ion: 77 Resp: 106499
Ion Ratio Lower Upper
77 100
97 23.7 18.6 28.0



#32
1,1,1-Trichloroethane
Concen: 20.29 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 97 Resp: 110326
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 42.7 34.3 51.5





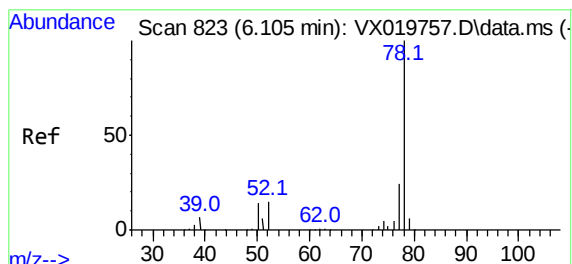
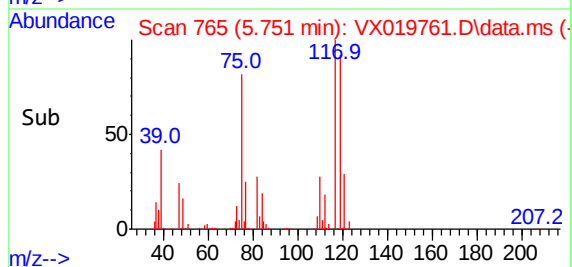
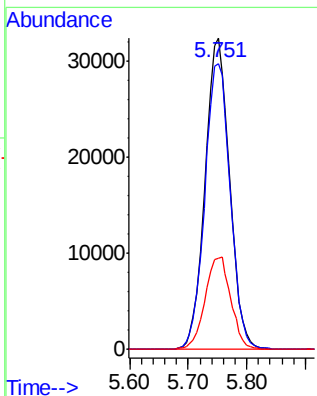
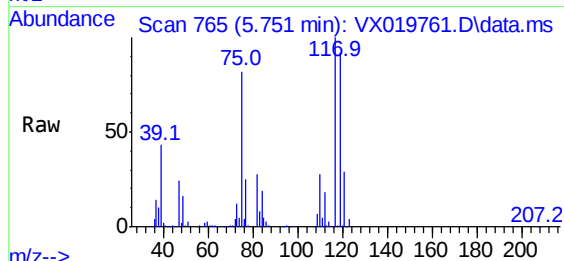
#33
Carbon Tetrachloride
Concen: 20.01 ug/l
RT: 5.751 min Scan# 765
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tgt Ion:117 Resp: 93603
Ion Ratio Lower Upper
117 100
119 91.7 76.1 114.1
121 29.0 24.1 36.1

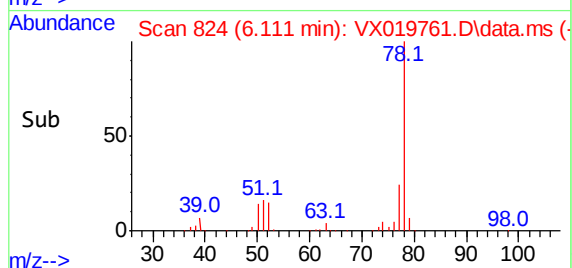
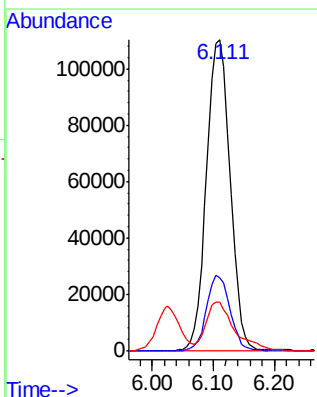
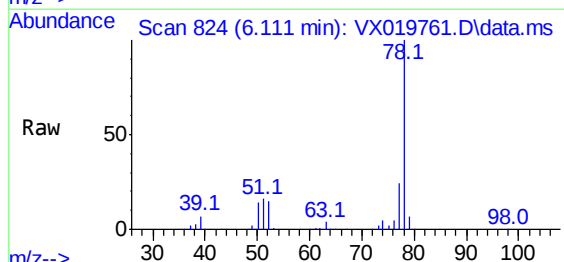
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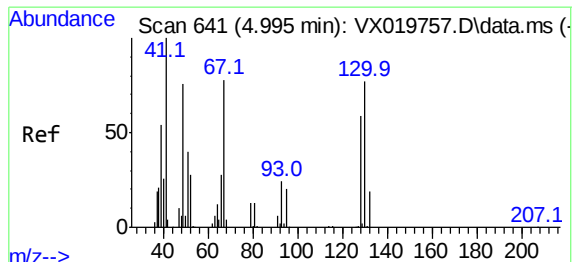
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#34
Benzene
Concen: 20.54 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 78 Resp: 295025
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4
51 14.9 12.5 18.7



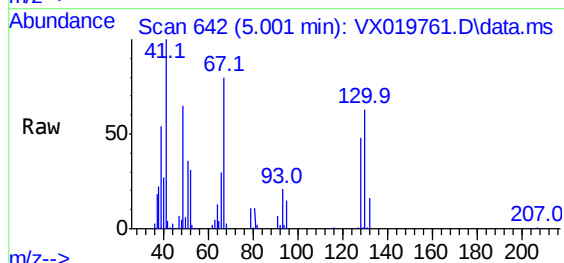


#35
Methacrylonitrile
Concen: 20.06 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

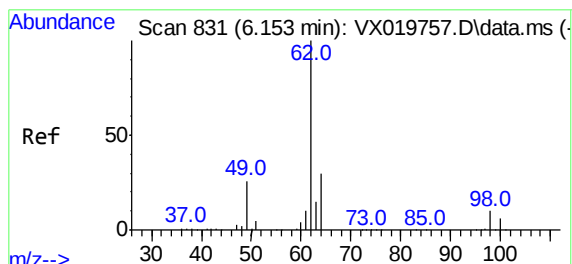
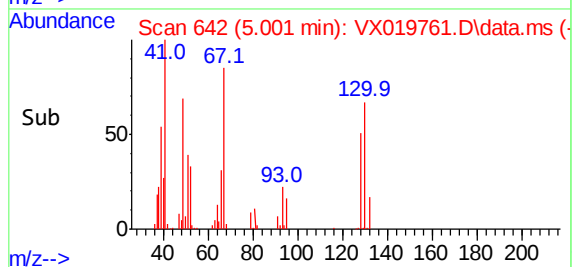
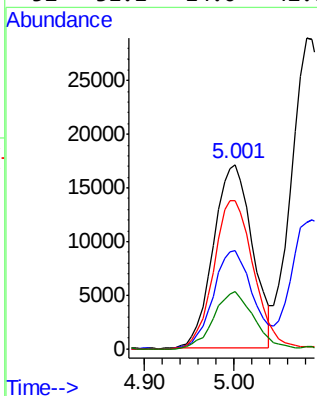
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Tgt Ion: 41 Resp: 51595

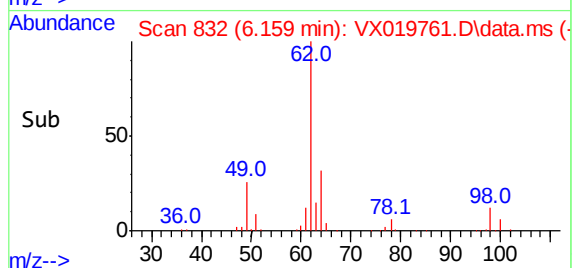
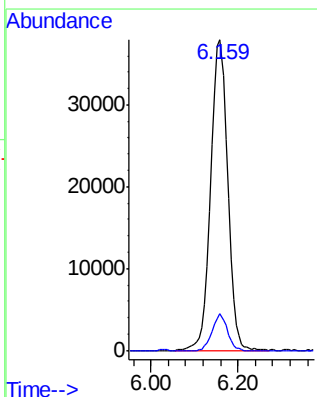
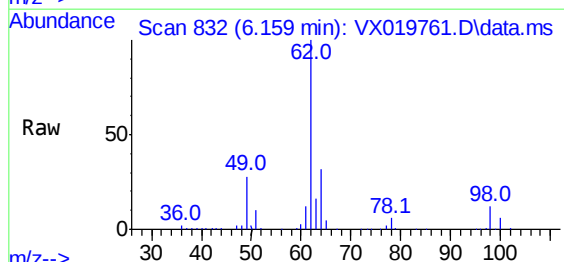
Ion	Ratio	Lower	Upper
41	100		
39	53.3	26.8	80.3
67	80.2	39.1	117.2
52	31.1	14.0	42.0

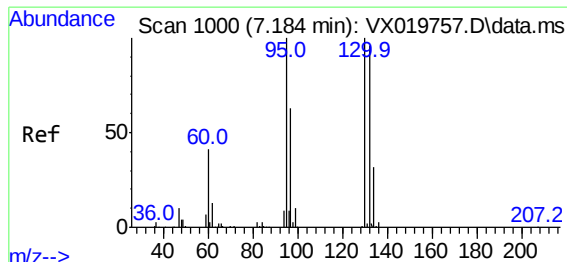


#36
1,2-Dichloroethane
Concen: 20.40 ug/l
RT: 6.159 min Scan# 832
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 62 Resp: 100645

Ion	Ratio	Lower	Upper
62	100		
98	10.3	8.1	12.1





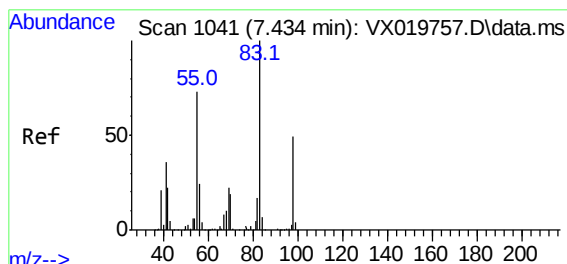
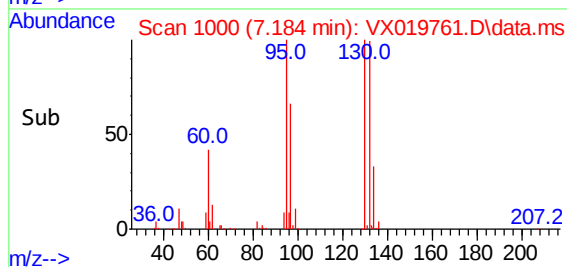
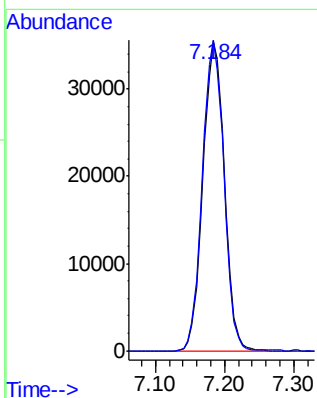
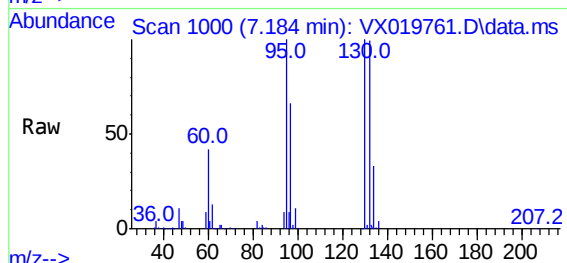
#37
Trichloroethene
Concen: 20.19 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion:130 Resp: 76084
Ion Ratio Lower Upper
130 100
95 100.2 80.2 120.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

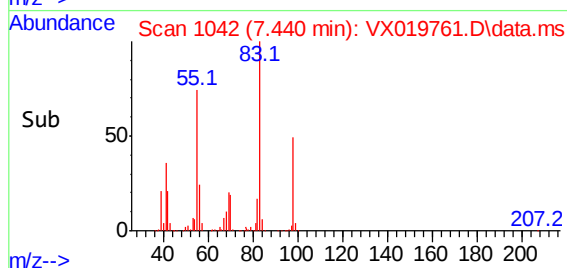
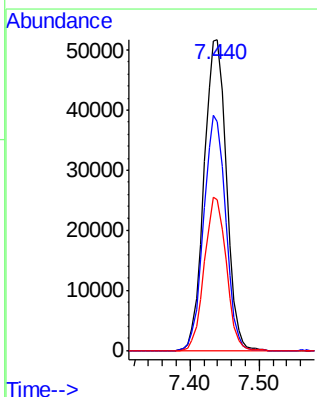
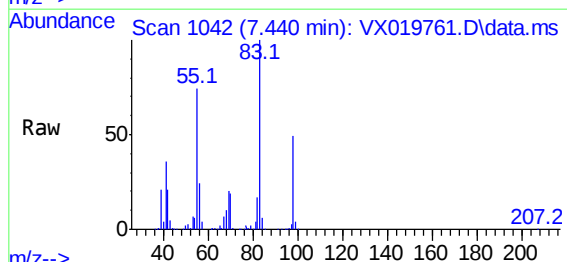
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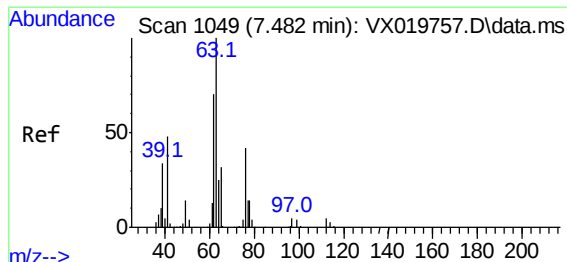
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#38
Methylcyclohexane
Concen: 20.63 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 83 Resp: 115263
Ion Ratio Lower Upper
83 100
55 74.4 37.4 112.1
98 48.4 24.7 74.1





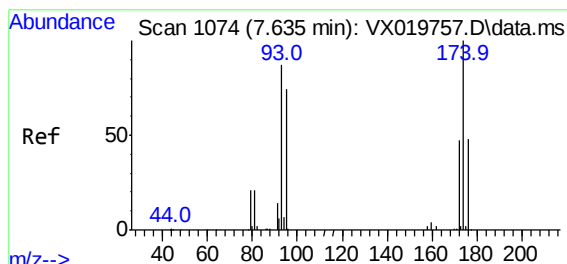
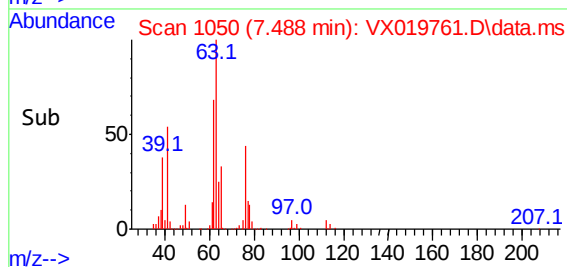
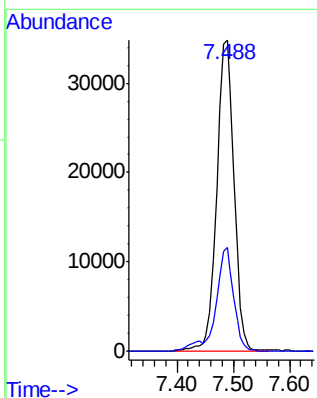
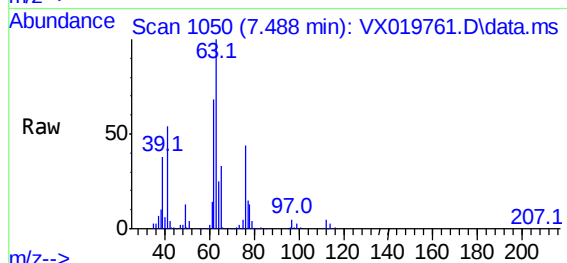
#39
1,2-Dichloropropane
Concen: 20.50 ug/l
RT: 7.488 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 63 Resp: 74016
Ion Ratio Lower Upper
63 100
65 33.1 25.6 38.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

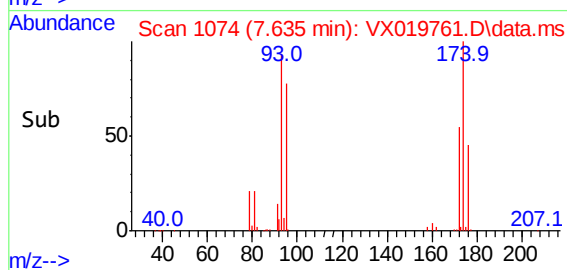
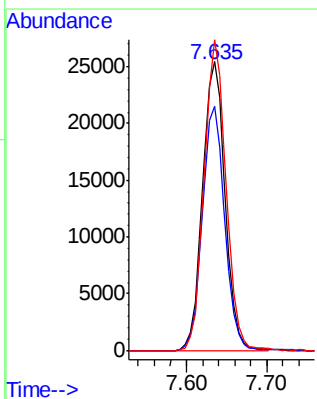
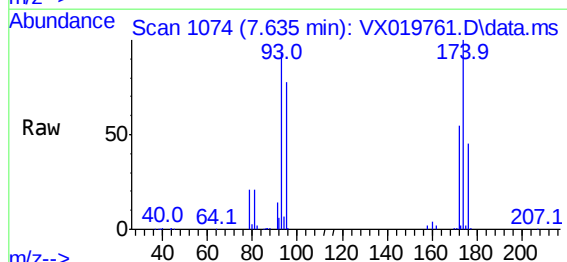
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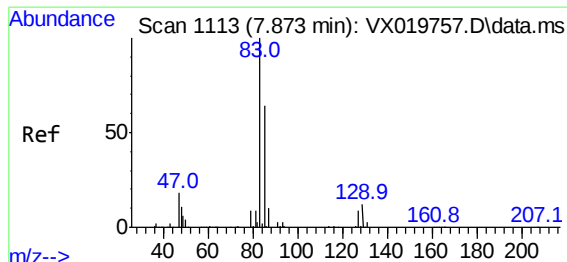
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#40
Dibromomethane
Concen: 20.06 ug/l
RT: 7.635 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 93 Resp: 49514
Ion Ratio Lower Upper
93 100
95 83.9 0.0 167.4
174 105.0 0.0 211.8





#41

Bromodichloromethane

Concen: 19.92 ug/l

RT: 7.873 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VX019761.D

Acq: 08 Dec 2020 15:30

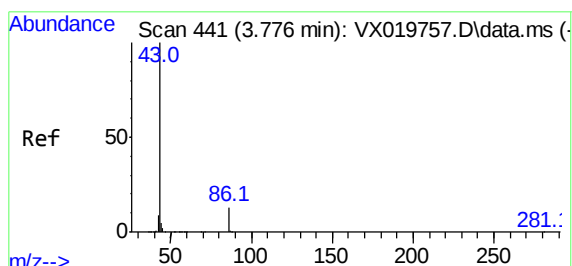
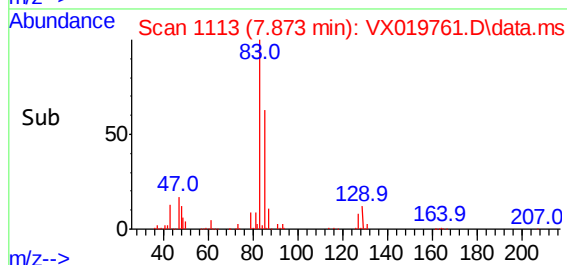
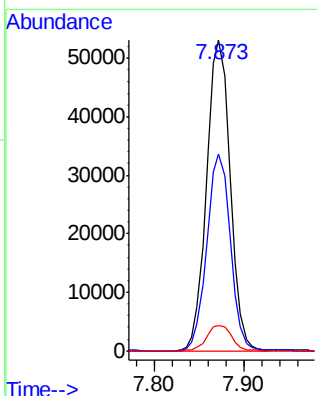
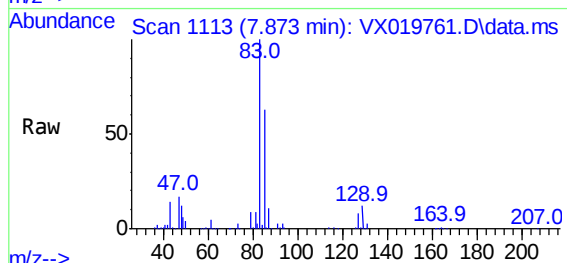
Tgt Ion: 83 Resp: 97763

Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.4	77.0
127	8.3	7.1	10.7

83 100

85 63.4 51.4 77.0

127 8.3 7.1 10.7



#42

Vinyl Acetate

Concen: 102.64 ug/l

RT: 3.782 min Scan# 442

Delta R.T. 0.006 min

Lab File: VX019761.D

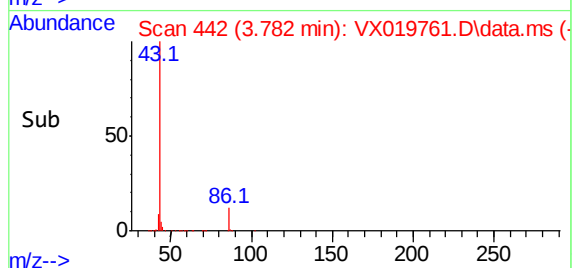
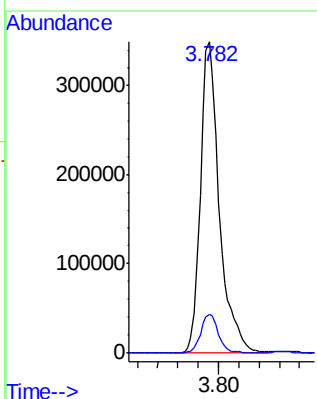
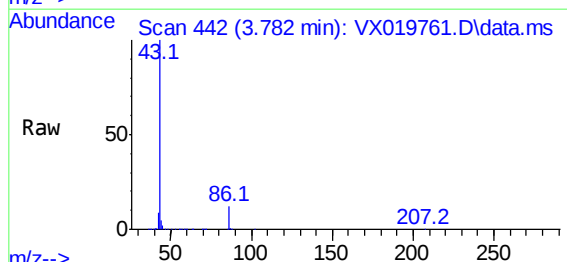
Acq: 08 Dec 2020 15:30

Tgt Ion: 43 Resp: 894564

Ion	Ratio	Lower	Upper
43	100		
86	11.1	9.0	13.4

43 100

86 11.1 9.0 13.4



Instrument :

MSVOA_X

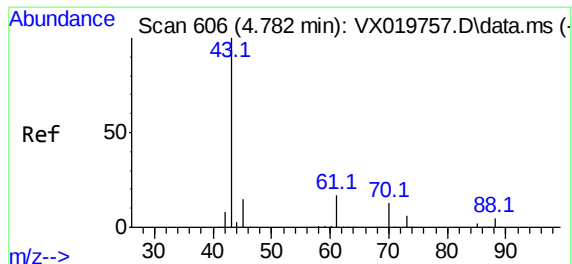
ClientSampleId :

VSTDICV020

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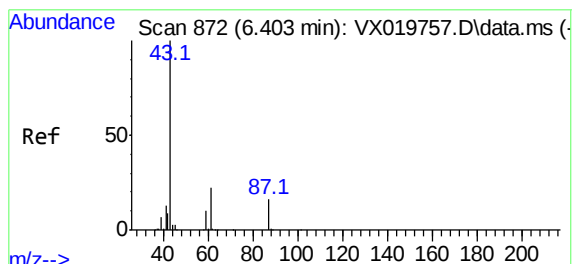
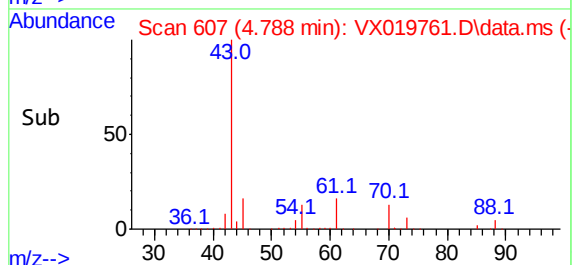
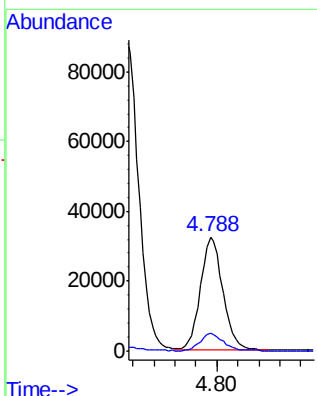
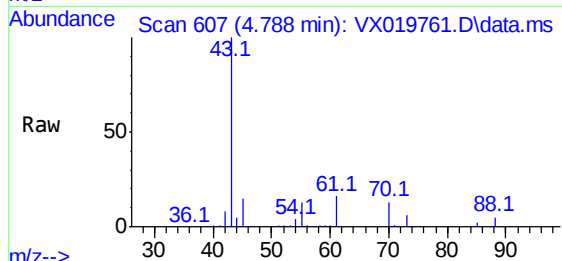
#43
Ethyl Acetate
Concen: 20.58 ug/l
RT: 4.788 min Scan# 607
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tgt Ion: 43 Resp: 97002
Ion Ratio Lower Upper
43 100
45 15.7 12.2 18.4

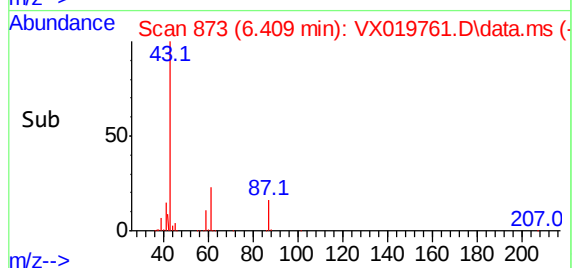
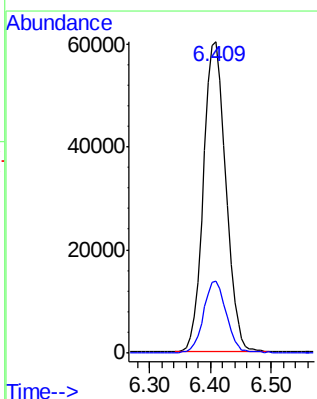
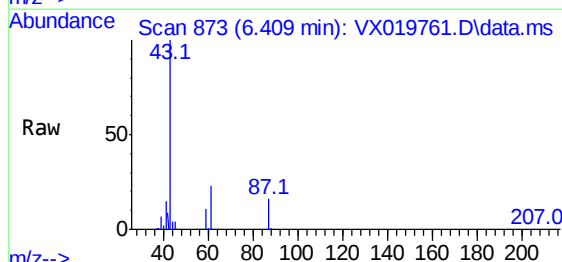
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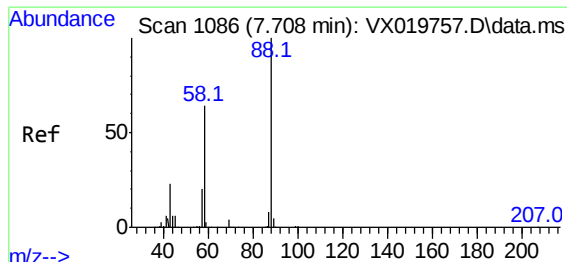
MMDadoda
12/10/2020 10:17:56 AM



#44
Isopropyl Acetate
Concen: 20.09 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 43 Resp: 154195
Ion Ratio Lower Upper
43 100
61 23.0 18.1 27.1





#45

1,4-Dioxane

Concen: 390.93 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VX019761.D

Acq: 08 Dec 2020 15:30

Tgt Ion: 88 Resp: 36306

Ion	Ratio	Lower	Upper
88	100		
43	28.8	22.2	33.2
58	70.3	53.9	80.9

Instrument :

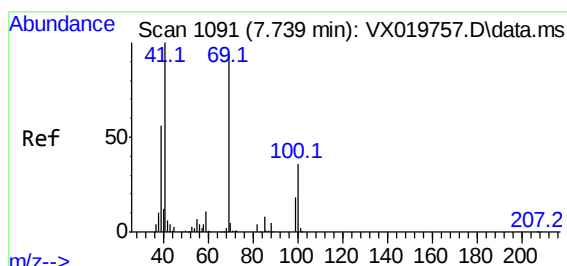
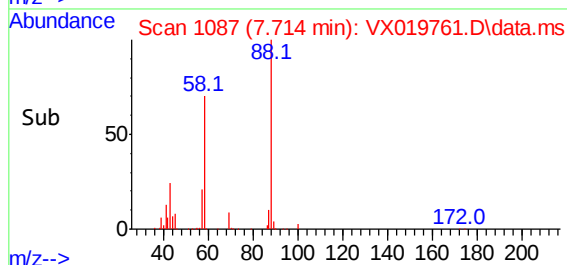
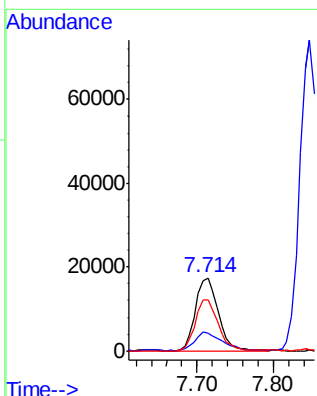
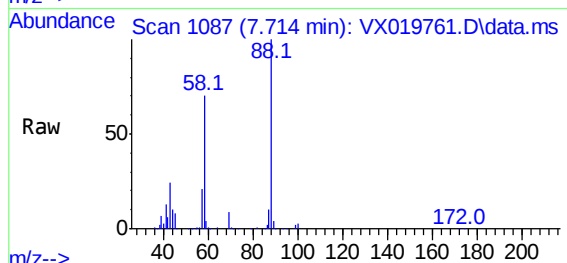
MSVOA_X

ClientSampleId :

VSTDICV020

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#46

Methyl methacrylate

Concen: 20.17 ug/l

RT: 7.745 min Scan# 1092

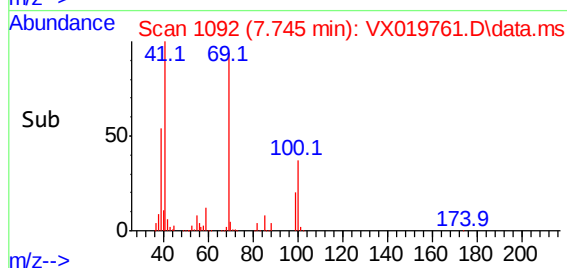
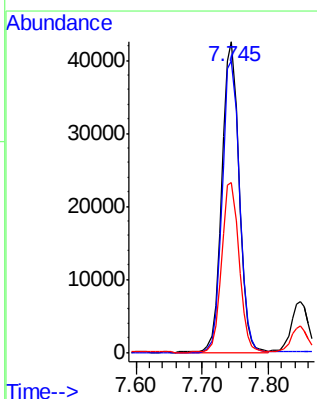
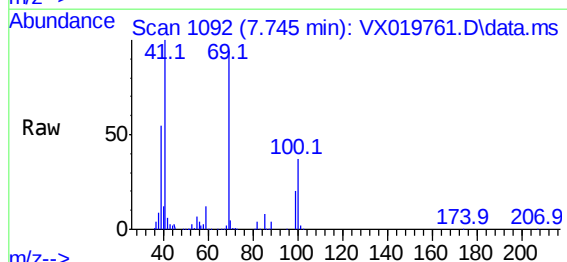
Delta R.T. 0.006 min

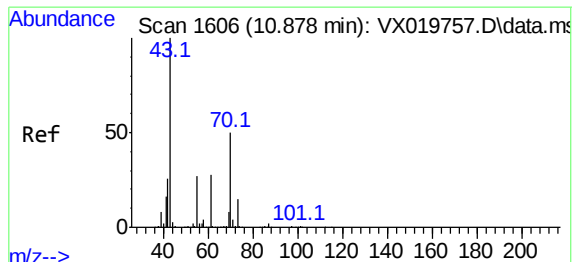
Lab File: VX019761.D

Acq: 08 Dec 2020 15:30

Tgt Ion: 41 Resp: 76263

Ion	Ratio	Lower	Upper
41	100		
69	93.7	46.9	140.6
39	54.5	28.0	83.9





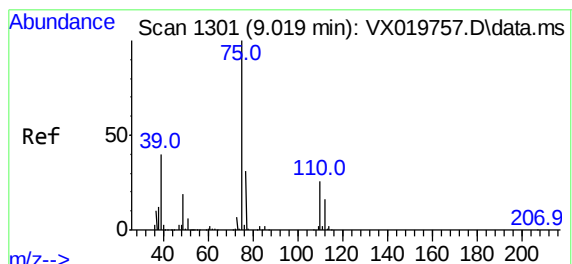
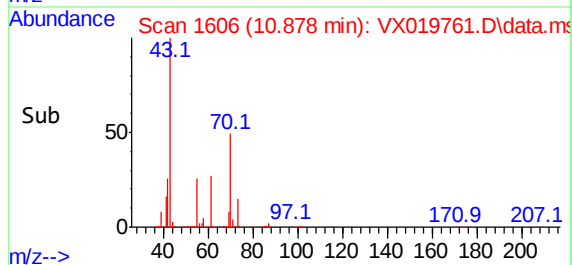
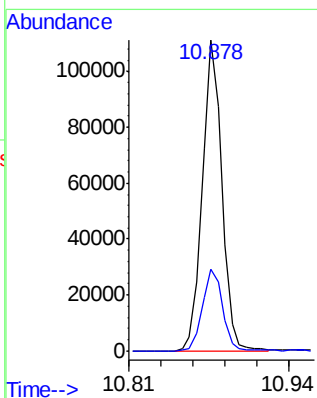
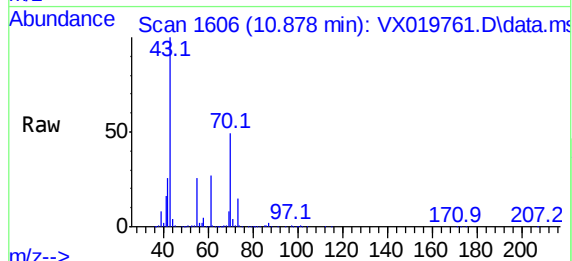
#47
n-amy1 Acetate
Concen: 19.59 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 43 Resp: 128810
Ion Ratio Lower Upper
43 100
55 27.4 21.8 32.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

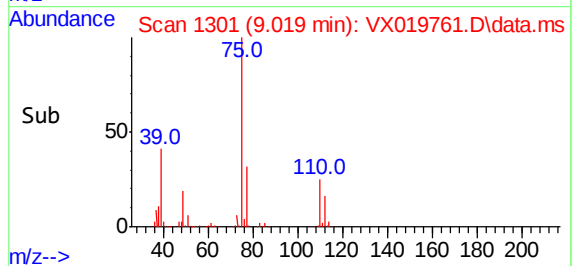
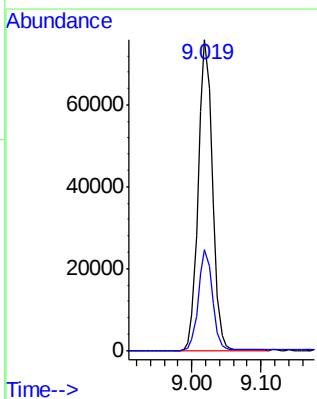
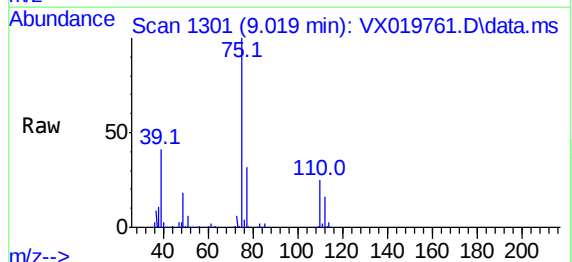
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APPROVED

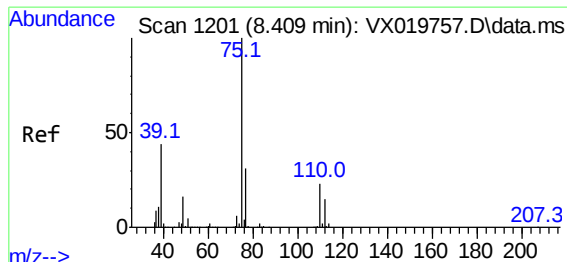
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#48
t-1,3-Dichloropropene
Concen: 19.64 ug/l
RT: 9.019 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 75 Resp: 107303
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.6





#49
cis-1,3-Dichloropropene
Concen: 19.74 ug/l
RT: 8.409 min Scan# 1201
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

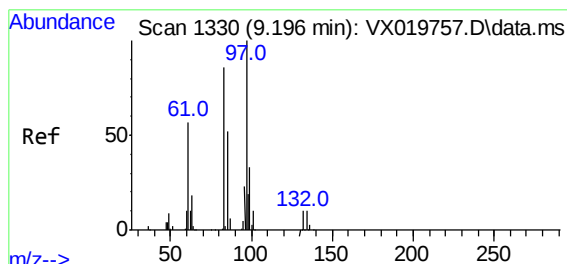
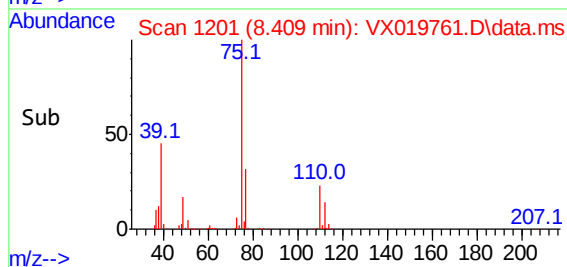
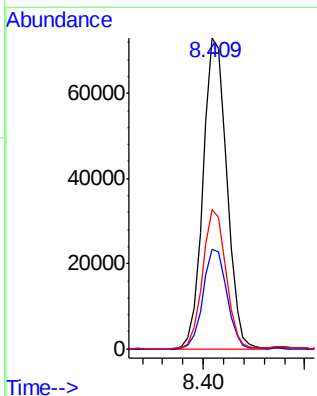
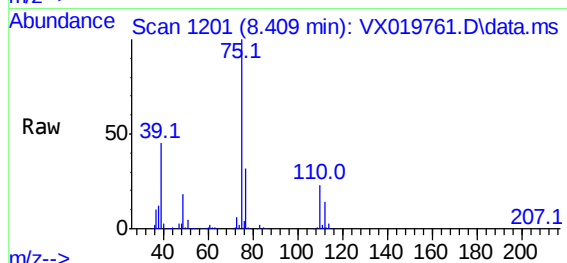
Tgt Ion: 75 Resp: 117984

Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.4	36.6
39	44.7	35.4	53.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Manual Integrations
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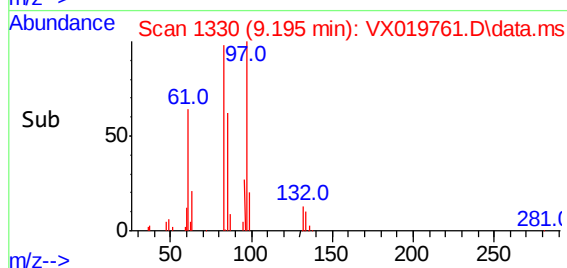
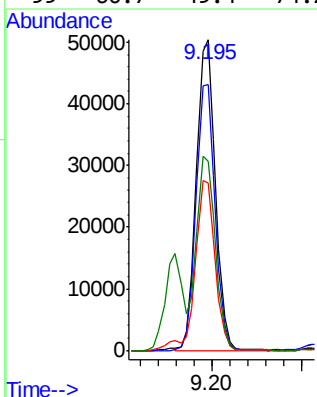
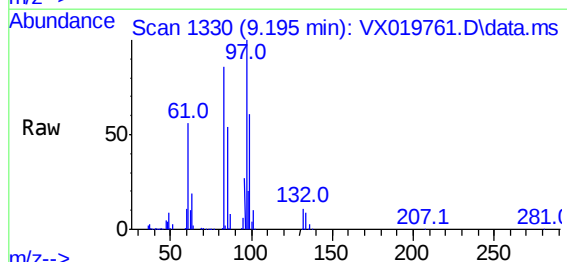
MMDadoda
12/10/2020 10:17:56 AM

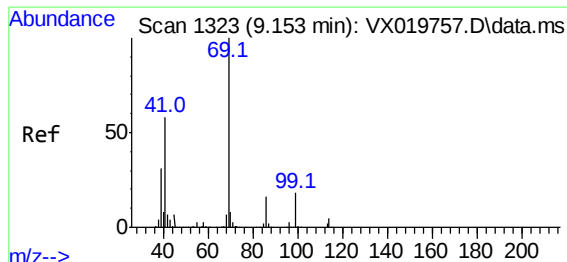


#50
1,1,2-Trichloroethane
Concen: 20.23 ug/l
RT: 9.195 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 97 Resp: 74488

Ion	Ratio	Lower	Upper
97	100		
83	85.6	68.5	102.7
85	54.1	43.8	65.6
99	60.7	49.4	74.2





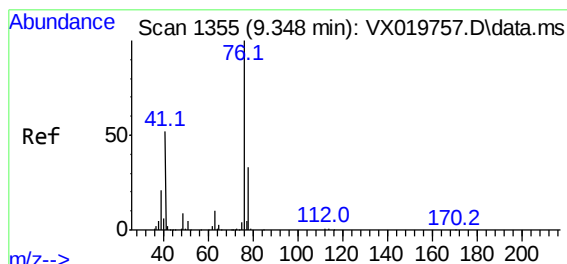
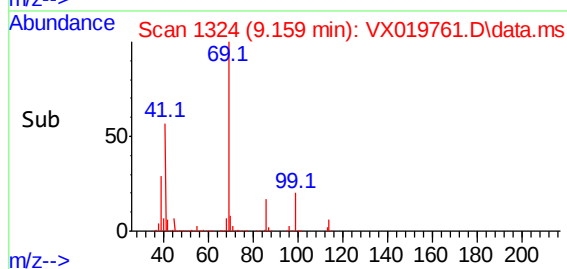
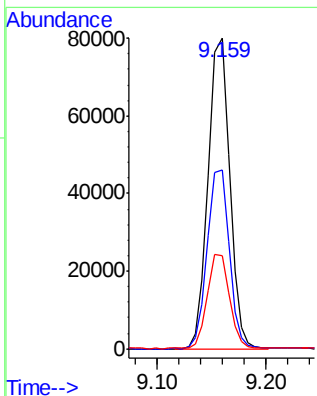
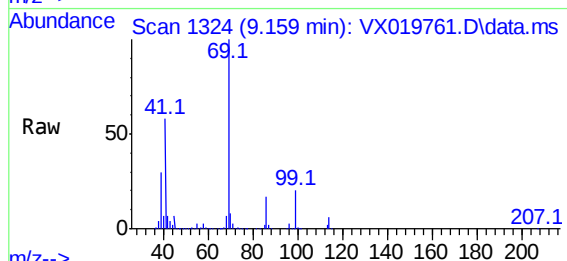
#51
Ethyl methacrylate
Concen: 19.58 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tgt Ion: 69 Resp: 110687
Ion Ratio Lower Upper
69 100
41 57.4 29.1 87.4
39 29.6 15.4 46.1

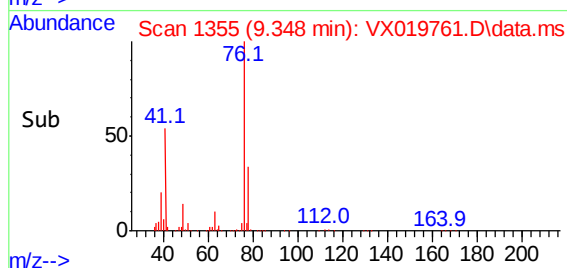
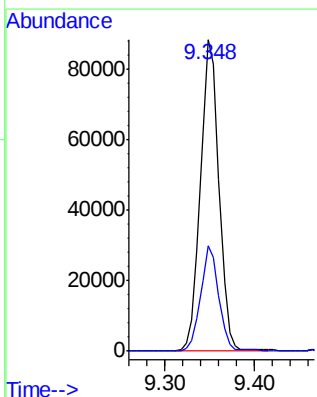
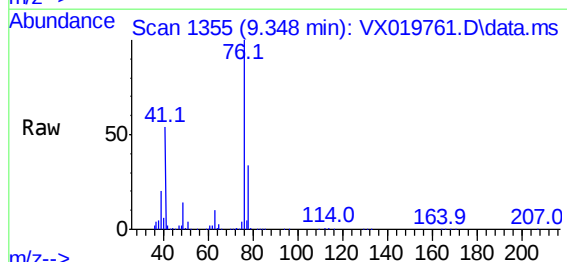
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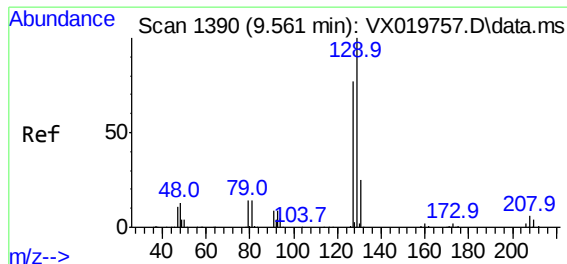
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#52
1,3-Dichloropropane
Concen: 20.48 ug/l
RT: 9.348 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 76 Resp: 126921
Ion Ratio Lower Upper
76 100
78 32.6 0.0 66.0





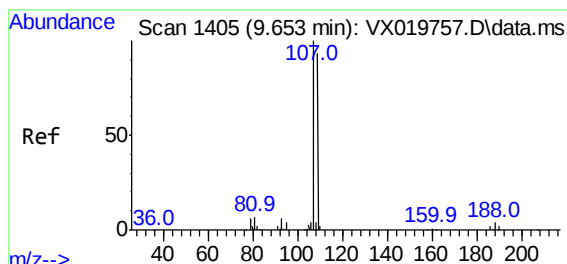
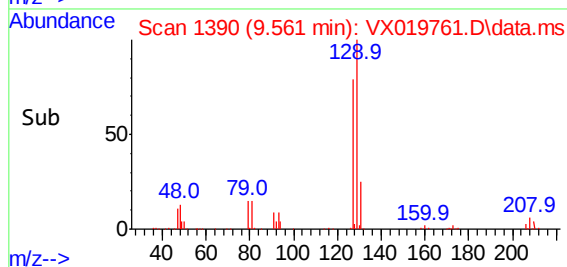
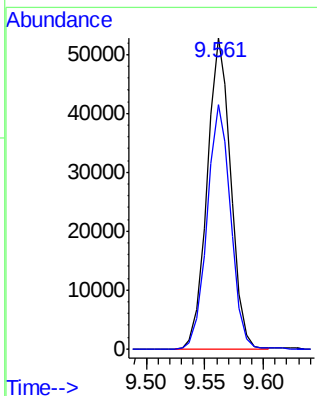
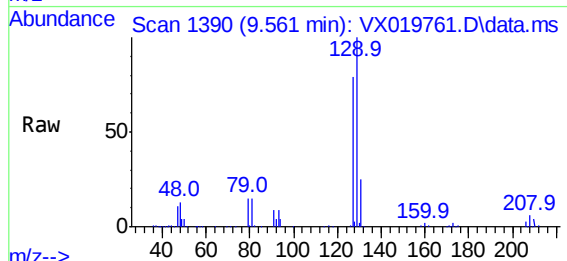
#53
Dibromochloromethane
Concen: 19.19 ug/l
RT: 9.561 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion:129 Resp: 74471
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

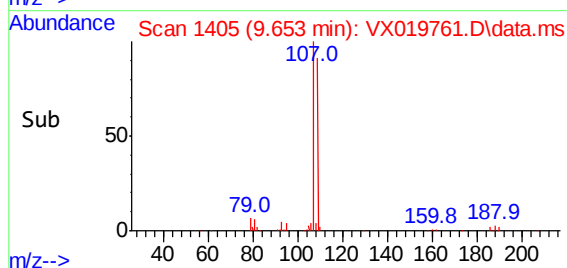
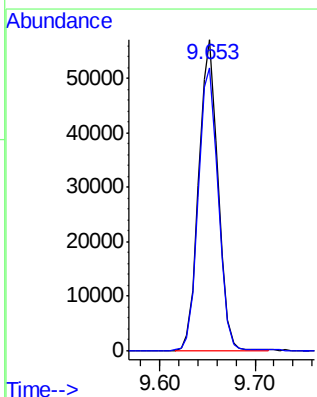
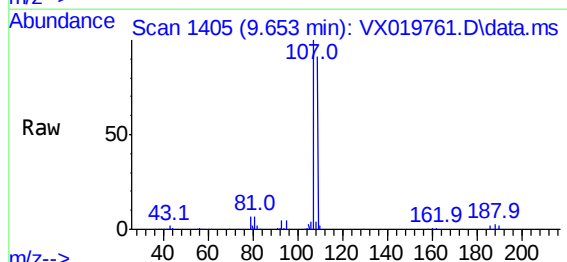
Manual Integrations
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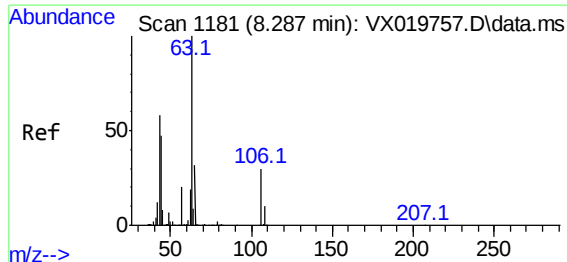
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#54
1,2-Dibromoethane
Concen: 20.21 ug/l
RT: 9.653 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion:107 Resp: 78866
Ion Ratio Lower Upper
107 100
109 93.5 73.6 110.4





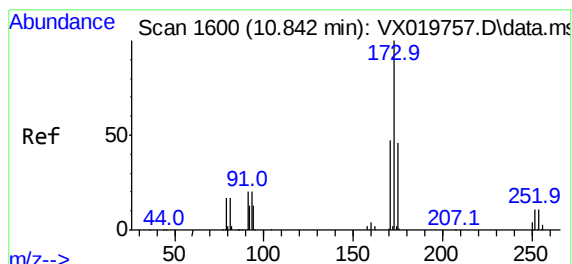
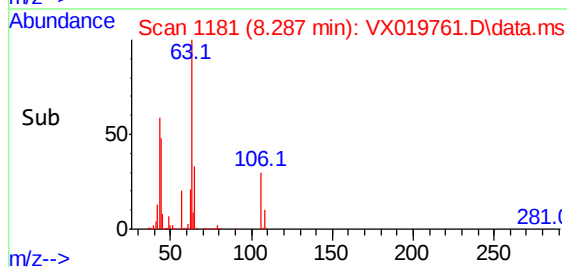
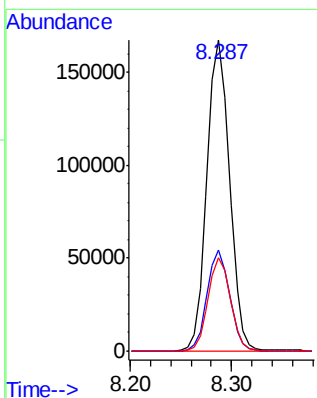
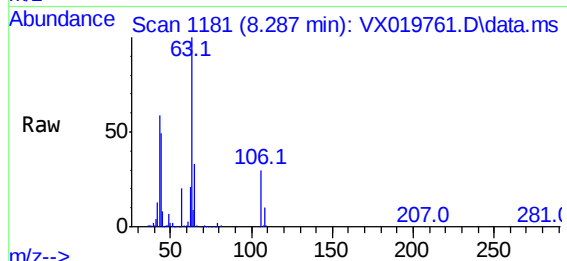
#55
2-Chloroethyl vinyl ether
Concen: 88.01 ug/l
RT: 8.287 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tgt Ion: 63 Resp: 257343
Ion Ratio Lower Upper
63 100
65 32.1 25.9 38.9
106 29.4 23.9 35.9

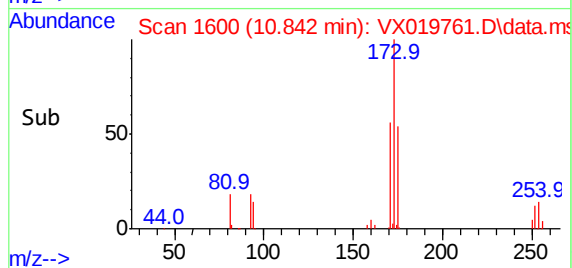
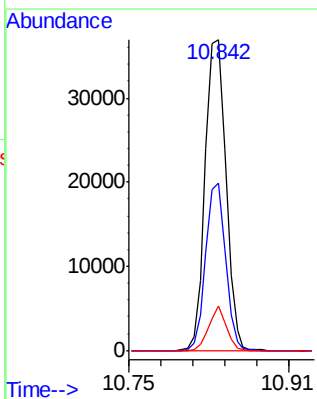
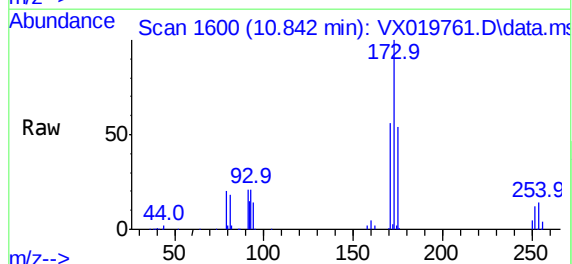
Manual Integrations
APPROVED

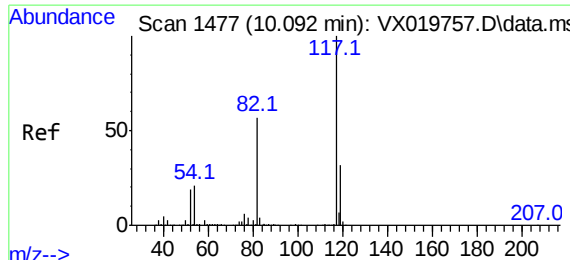
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#56
Bromoform
Concen: 18.19 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

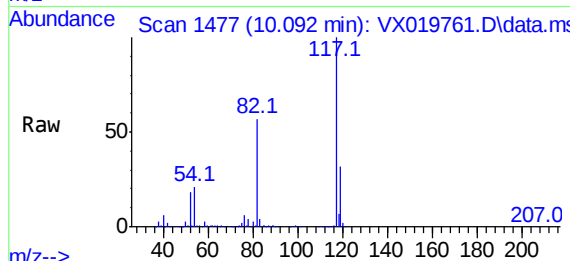
Tgt Ion: 173 Resp: 52576
Ion Ratio Lower Upper
173 100
175 51.3 38.1 57.1
254 11.7 8.2 12.4





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

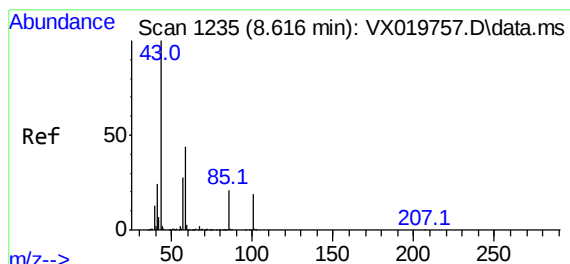
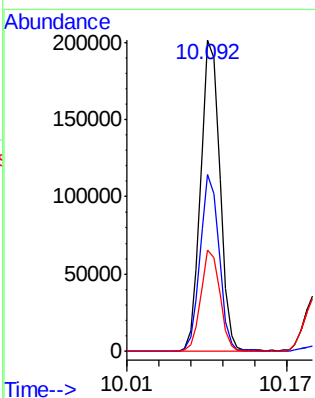
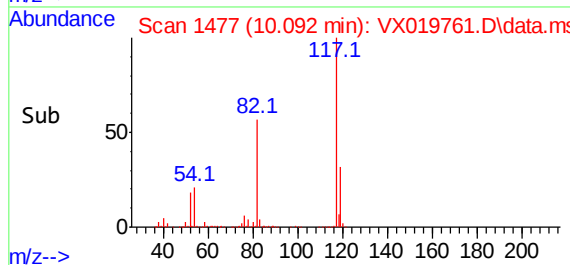
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020



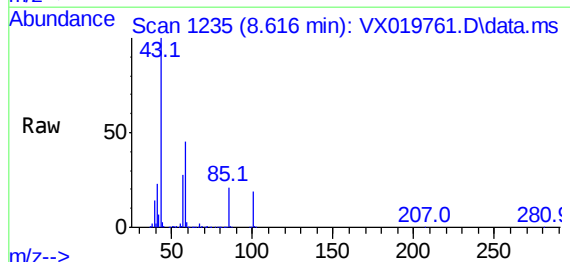
Tgt Ion:117 Resp: 276781
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.6
119 32.0 25.6 38.4

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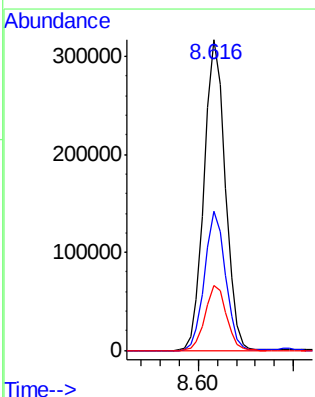
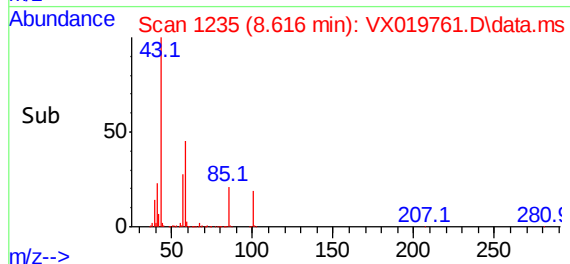
MMDadoda
12/10/2020 10:17:56 AM

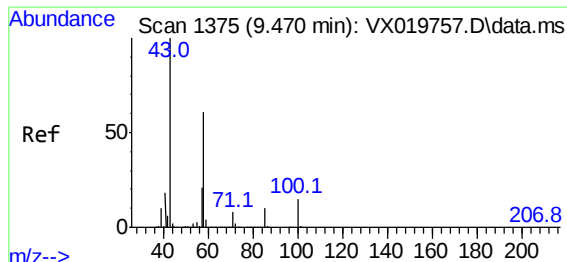


#58
4-Methyl-2-Pentanone
Concen: 102.10 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30



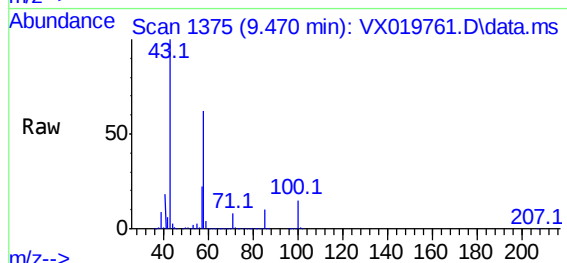
Tgt Ion: 43 Resp: 482818
Ion Ratio Lower Upper
43 100
58 44.3 35.2 52.8
85 21.1 16.8 25.2





#59
2-Hexanone
Concen: 102.16 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

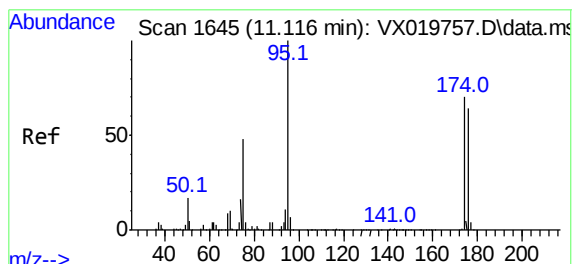
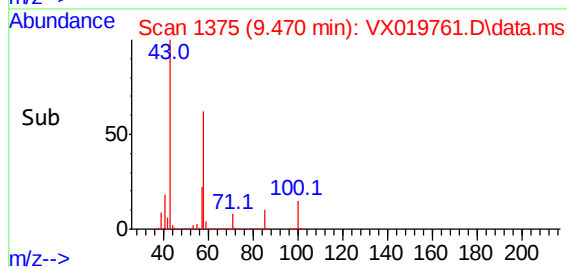
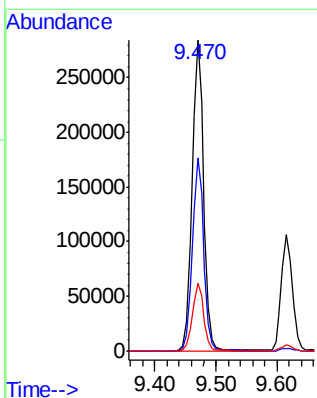


Tgt Ion: 43 Resp: 377054

Ion	Ratio	Lower	Upper
43	100		
58	61.7	49.0	73.6
57	21.5	17.1	25.7

Manual Integrations
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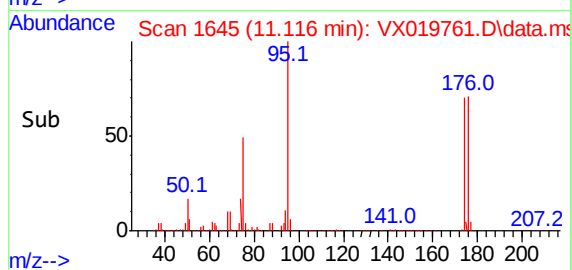
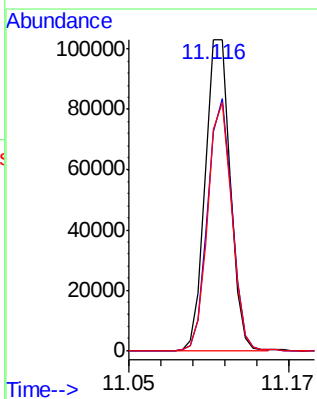
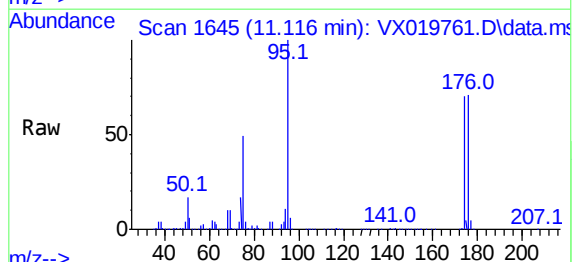
MMDadoda
12/10/2020 10:17:56 AM

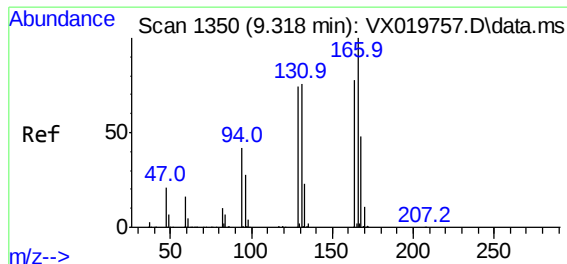


#60
4-Bromofluorobenzene
Concen: 29.30 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 95 Resp: 136170

Ion	Ratio	Lower	Upper
95	100		
174	78.5	63.0	94.4
176	76.9	59.9	89.9





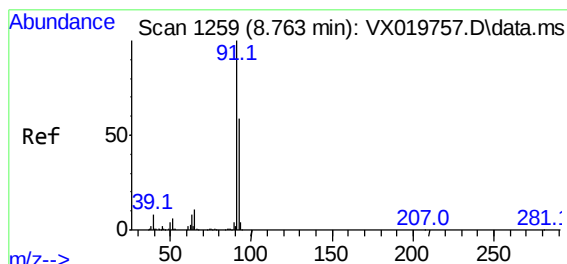
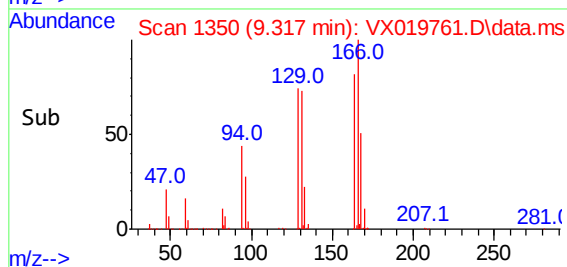
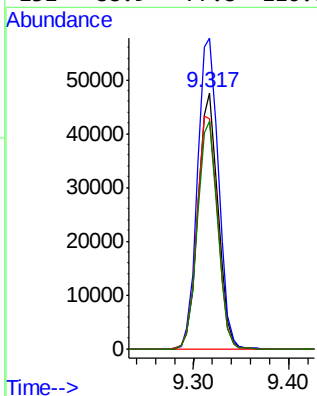
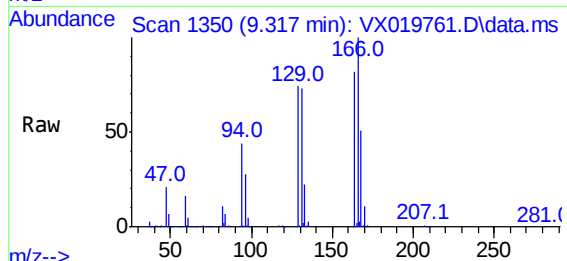
#61
Tetrachloroethene
Concen: 20.87 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion:164 Resp: 68156
Ion Ratio Lower Upper
164 100
166 121.4 102.8 154.2
129 89.9 75.8 113.8
131 88.9 77.8 116.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

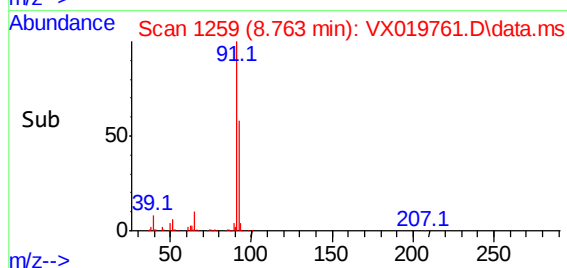
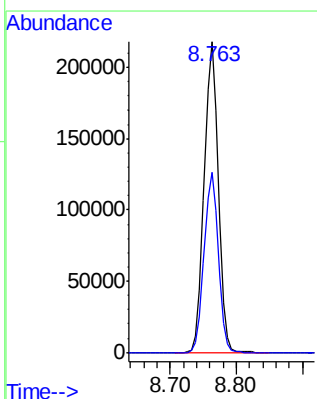
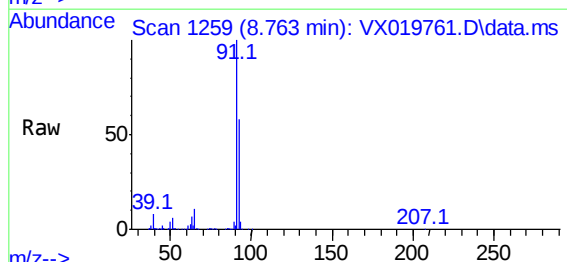
Manual Integrations
APPROVED

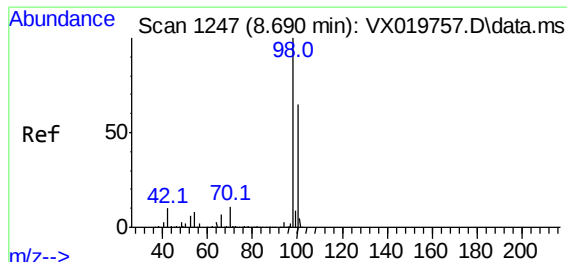
MMDadoda
12/10/2020 10:17:56 AM



#62
Toluene
Concen: 21.05 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 91 Resp: 321718
Ion Ratio Lower Upper
91 100
92 58.3 47.2 70.8





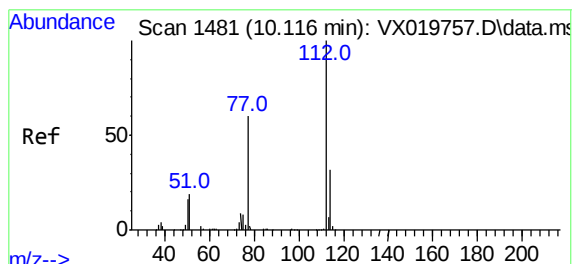
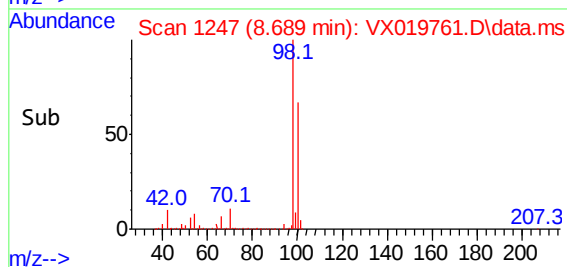
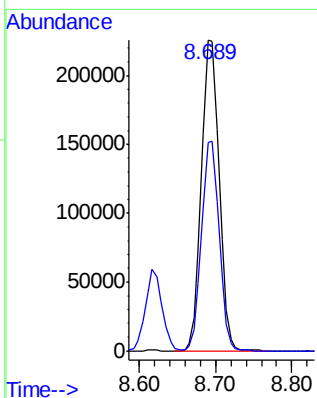
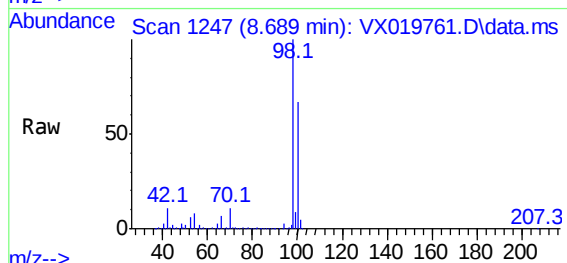
#63
Toluene-d8
Concen: 29.98 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tgt Ion: 98 Resp: 363484
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

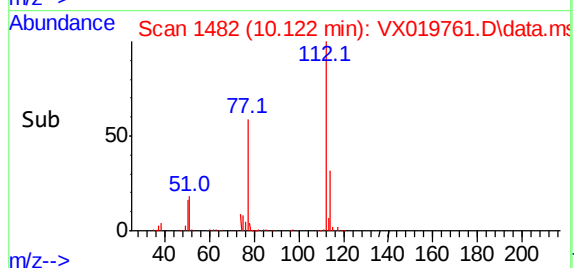
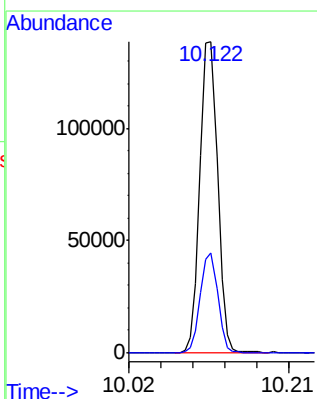
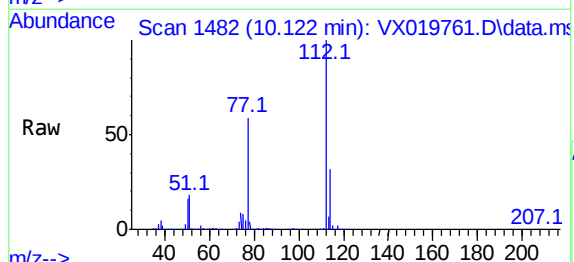
Manual Integrations
APPROVED

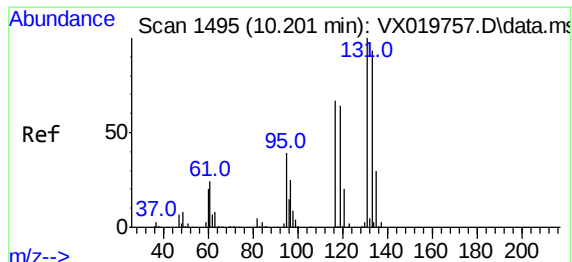
MMDadoda
12/10/2020 10:17:56 AM



#64
Chlorobenzene
Concen: 20.39 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

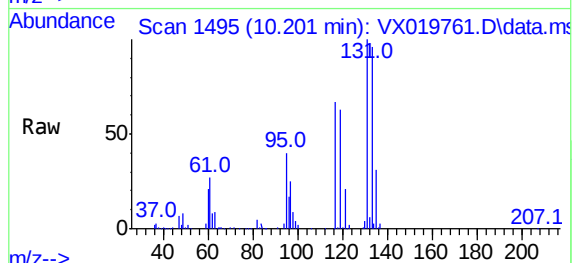
Tgt Ion:112 Resp: 195446
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 19.80 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

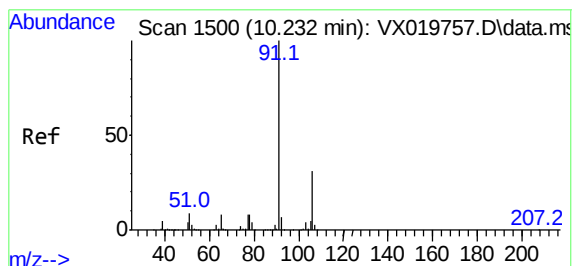
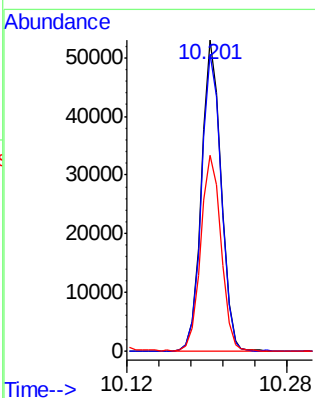
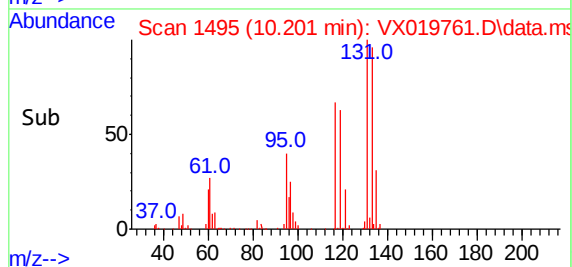
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020



Tgt Ion:131 Resp: 70380
Ion Ratio Lower Upper
131 100
133 96.7 0.0 189.6
119 65.3 0.0 129.0

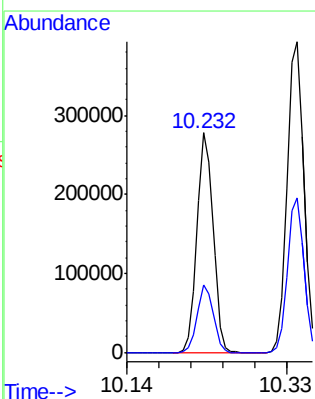
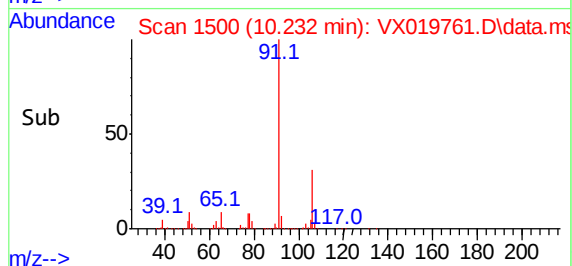
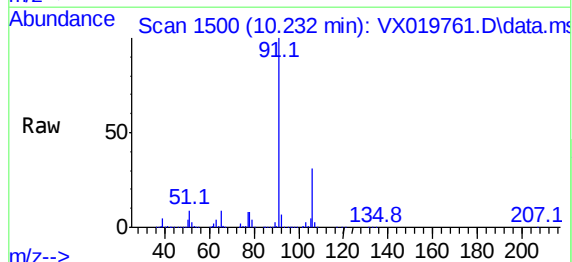
Manual Integrations
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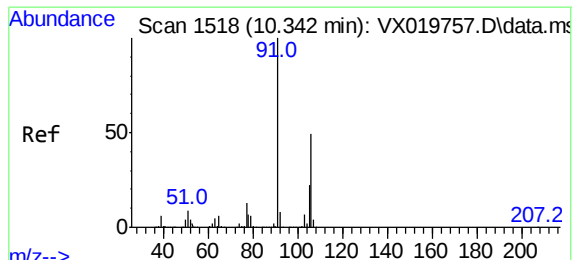
MMDadoda
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#66
Ethyl Benzene
Concen: 20.74 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

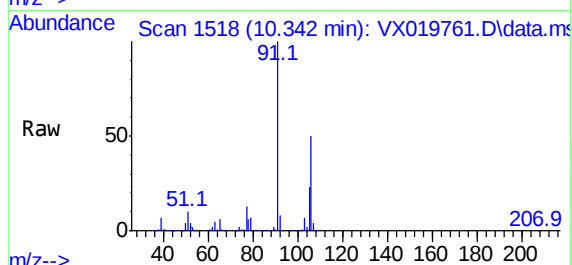
Tgt Ion: 91 Resp: 356068
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4





#67
m/p-Xylenes
Concen: 41.01 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

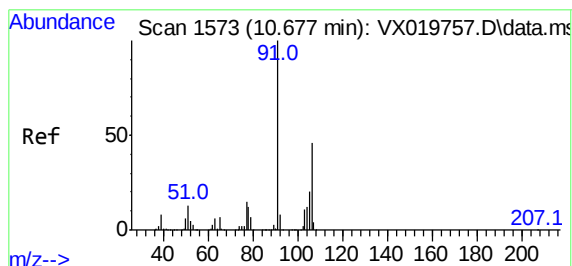
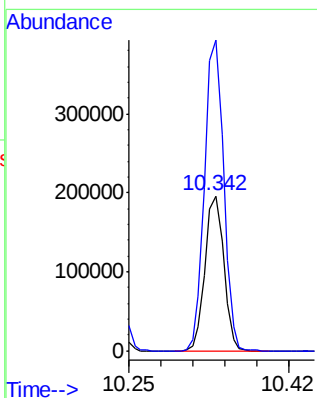
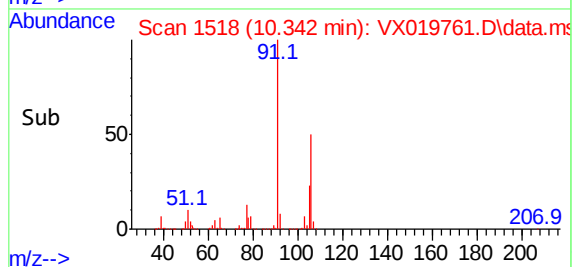
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020



Tgt Ion:106 Resp: 265913
Ion Ratio Lower Upper
106 100
91 203.5 164.0 246.0

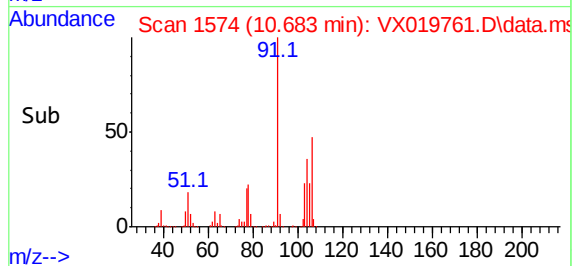
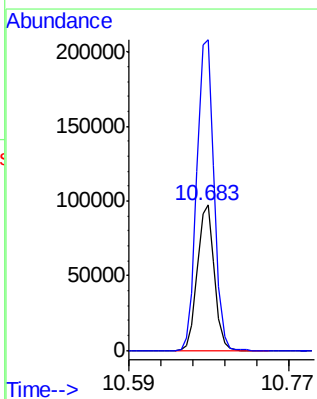
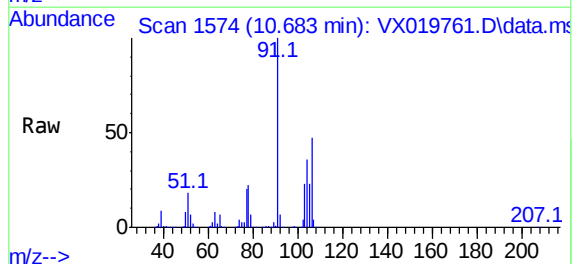
Manual Integrations
APPROVED

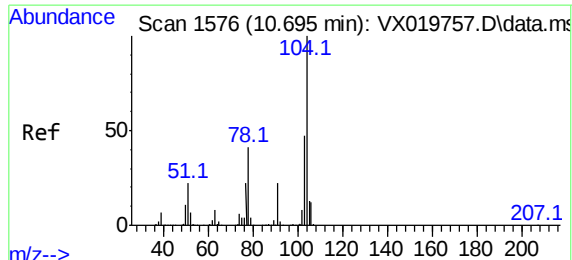
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#68
o-Xylene
Concen: 20.26 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

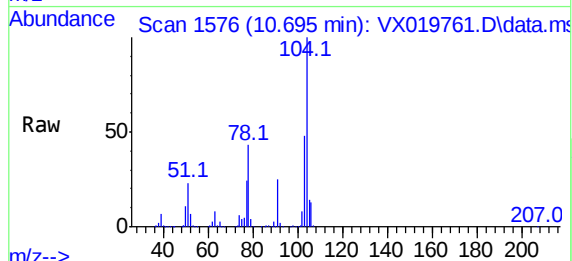
Tgt Ion:106 Resp: 127522
Ion Ratio Lower Upper
106 100
91 217.1 106.5 319.6





#69
Styrene
Concen: 20.11 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

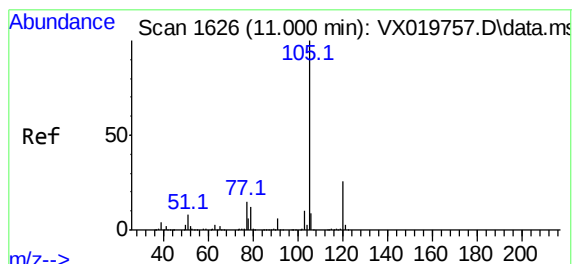
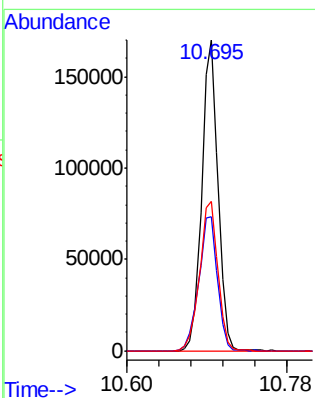
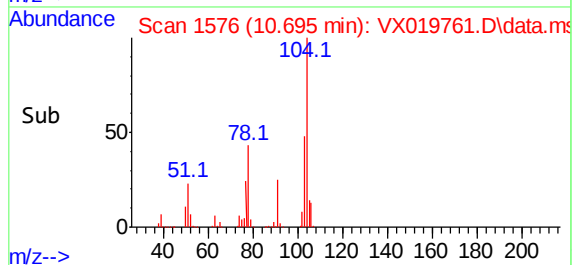
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020



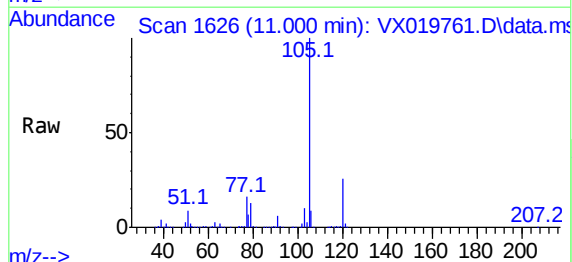
Tgt Ion:104 Resp: 215094
Ion Ratio Lower Upper
104 100
78 49.8 39.2 58.8
103 54.1 43.0 64.4

Manual Integrations
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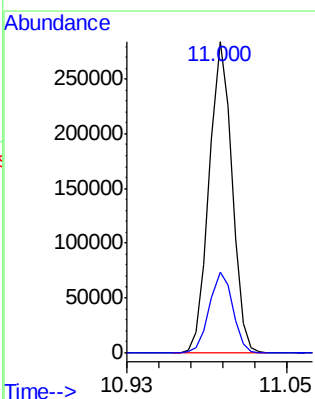
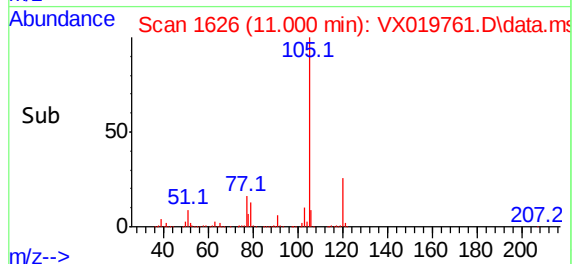
MMDadoda
12/10/2020 10:17:56 AM

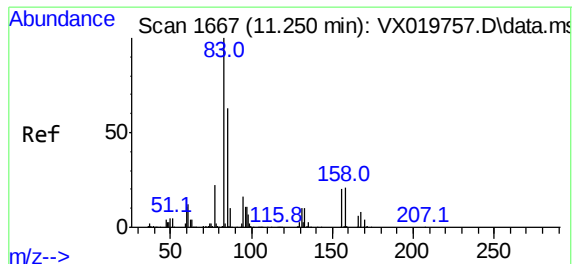


#70
Isopropylbenzene
Concen: 20.56 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30



Tgt Ion:105 Resp: 344734
Ion Ratio Lower Upper
105 100
120 26.5 18.4 34.2





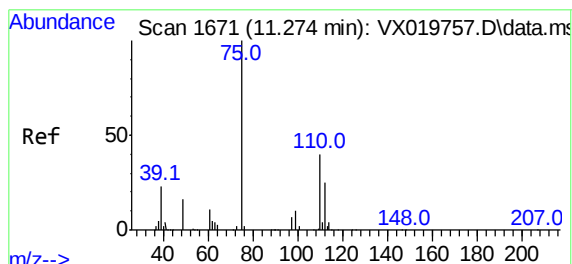
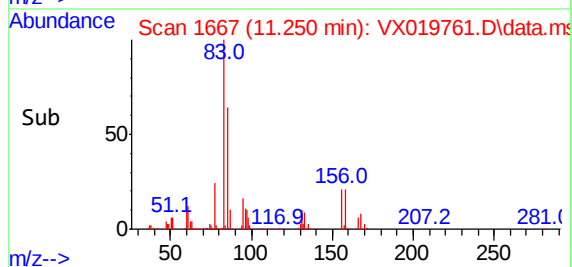
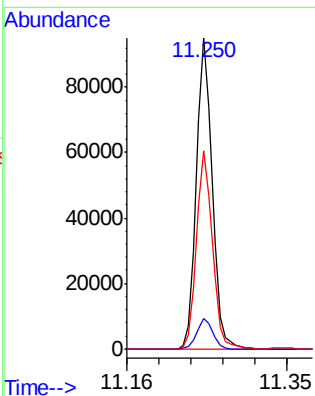
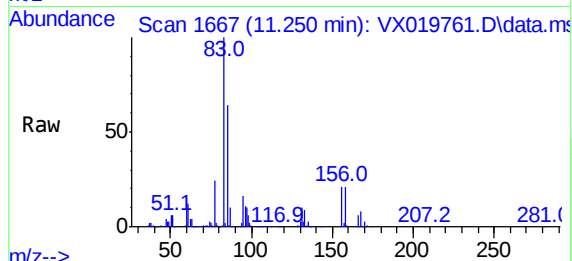
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.62 ug/l
 RT: 11.250 min Scan# 1667
 Delta R.T. -0.000 min
 Lab File: VX019761.D
 Acq: 08 Dec 2020 15:30

Tgt Ion:	83	Resp:	119670
Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.1	15.3
85	63.9	32.0	96.0

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

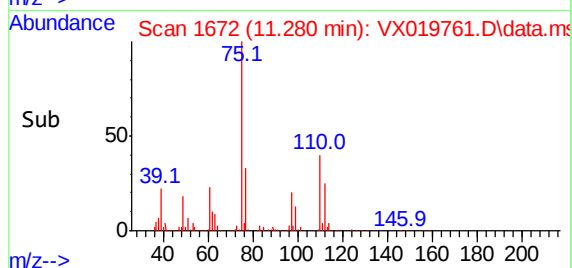
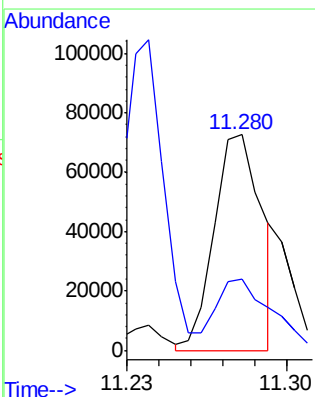
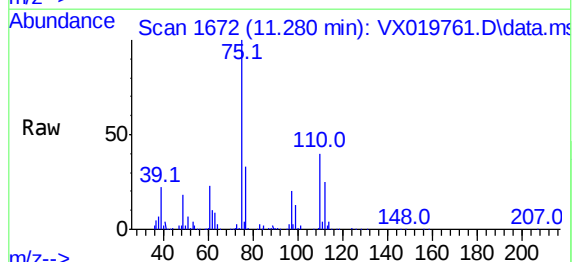
Manual Integrations
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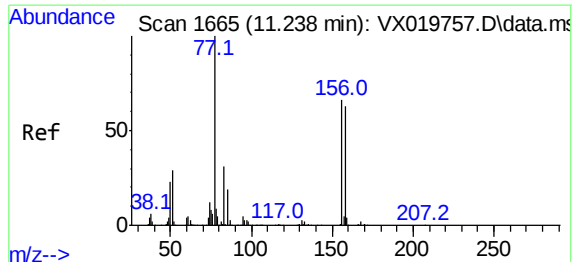
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#72
 1,2,3-Trichloropropane
 Concen: 20.34 ug/l m
 RT: 11.280 min Scan# 1672
 Delta R.T. 0.006 min
 Lab File: VX019761.D
 Acq: 08 Dec 2020 15:30

Tgt Ion:	75	Resp:	110162
Ion	Ratio	Lower	Upper
75	100		
77	37.9	0.0	74.6





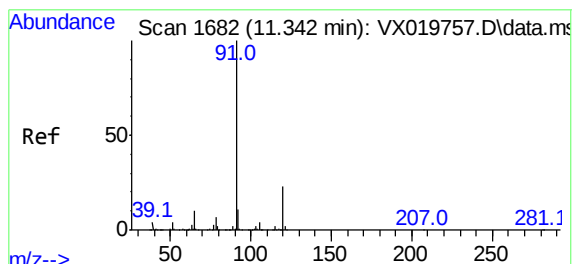
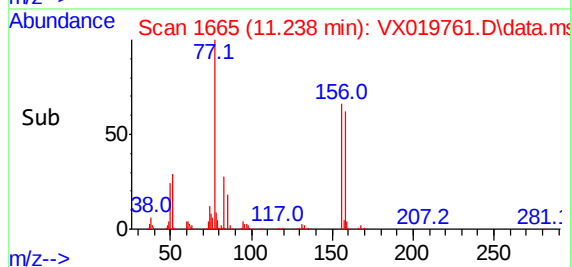
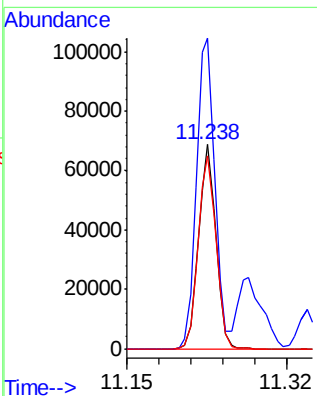
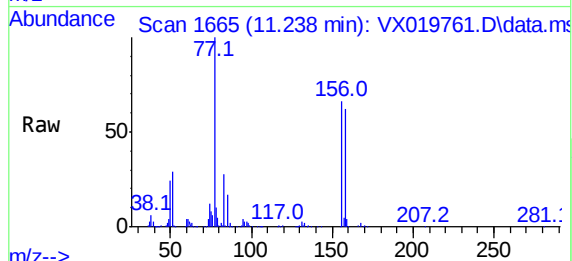
#73
Bromobenzene
Concen: 19.90 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 156 Resp: 84963
Ion Ratio Lower Upper
156 100
77 163.5 0.0 324.8
158 97.7 0.0 192.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

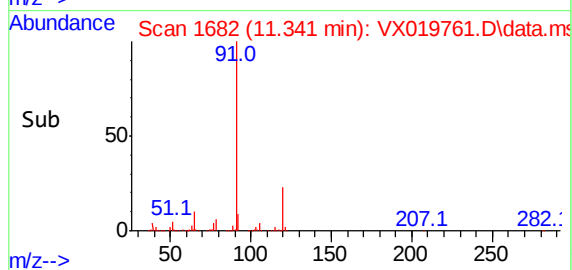
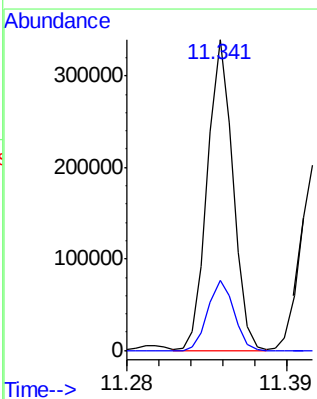
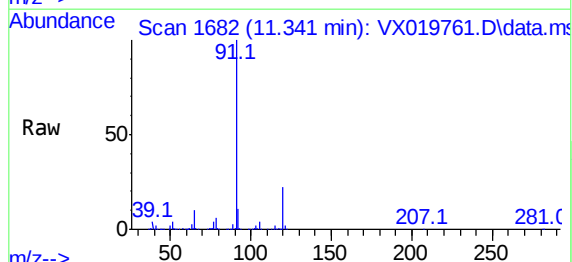
Manual Integrations
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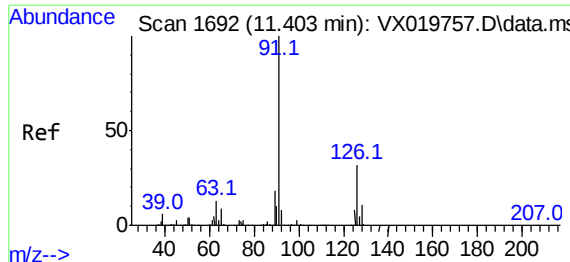
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#74
n-propylbenzene
Concen: 20.39 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 91 Resp: 395398
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.8





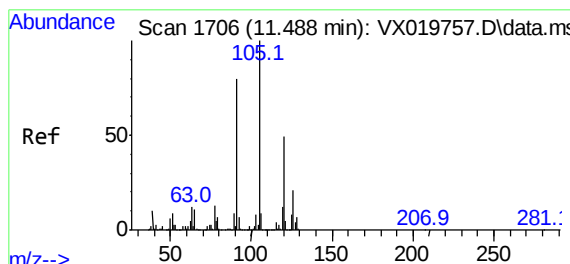
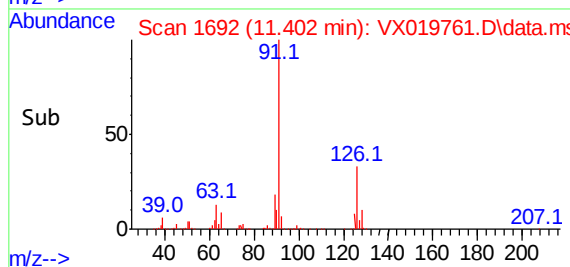
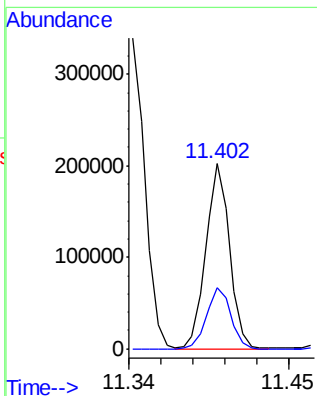
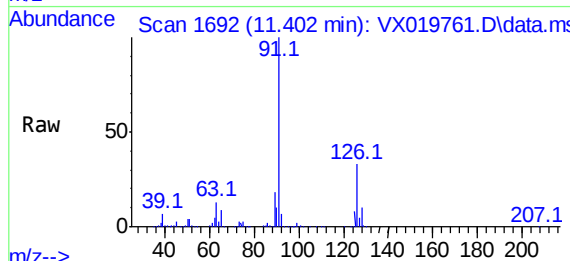
#75
2-Chlorotoluene
Concen: 20.52 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tgt Ion: 91 Resp: 241618
Ion Ratio Lower Upper
91 100
126 33.4 0.0 66.6

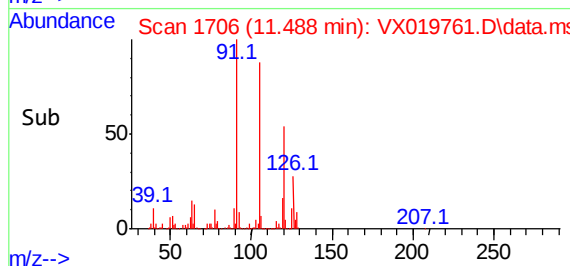
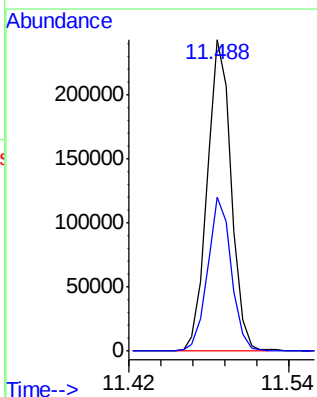
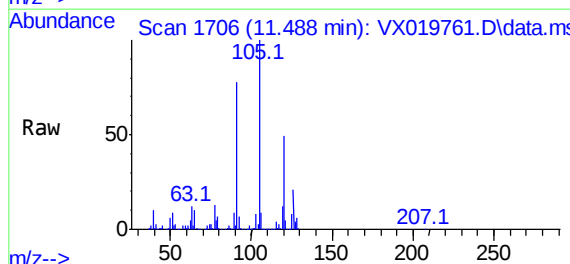
Manual Integrations
APPROVED

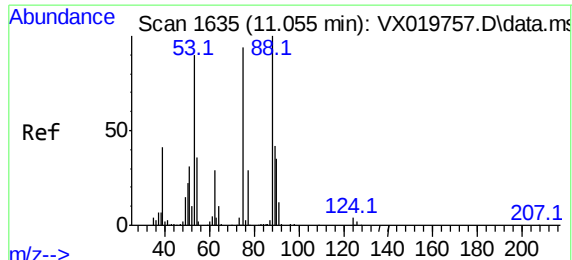
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#76
1,3,5-Trimethylbenzene
Concen: 20.47 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

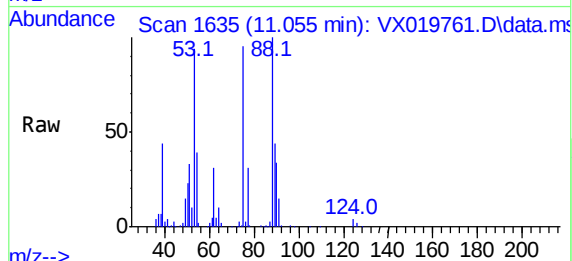
Tgt Ion: 105 Resp: 290916
Ion Ratio Lower Upper
105 100
120 48.7 0.0 96.2





#77
t-1,4-Dichloro-2-butene
Concen: 18.45 ug/l
RT: 11.055 min Scan# 1635
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

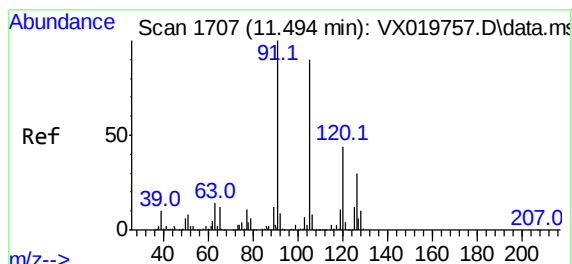
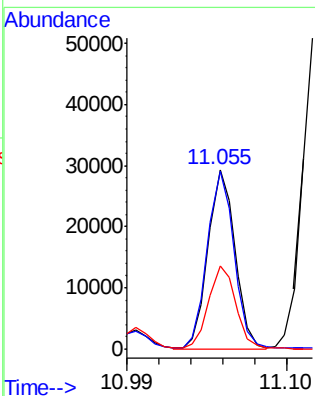
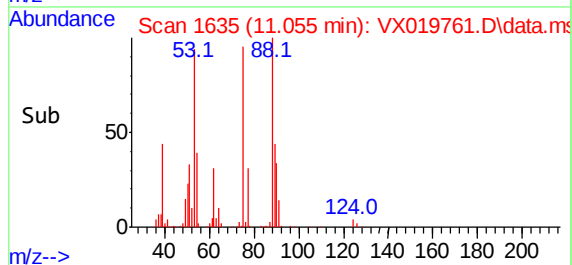
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020



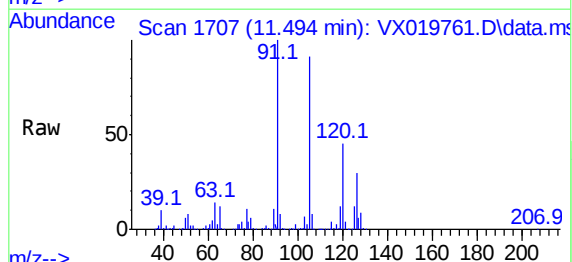
Tgt Ion: 75 Resp: 36075
Ion Ratio Lower Upper
75 100
53 98.8 48.4 145.0
89 45.9 22.7 68.0

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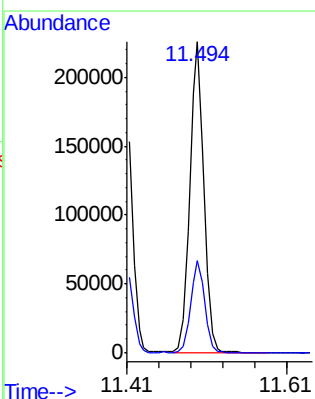
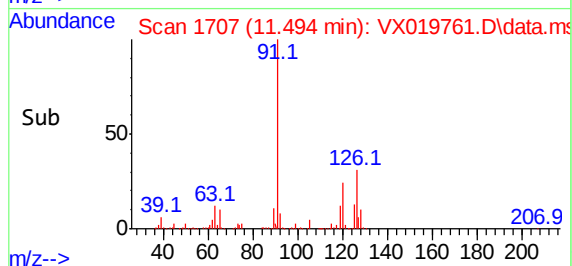
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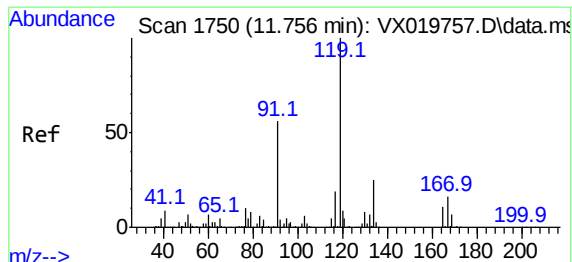


#78
4-Chlorotoluene
Concen: 20.27 ug/l
RT: 11.494 min Scan# 1707
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30



Tgt Ion: 91 Resp: 275929
Ion Ratio Lower Upper
91 100
126 29.4 0.0 57.8



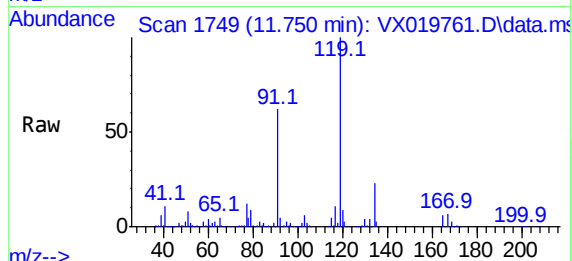


#79
tert-butylbenzene
Concen: 20.44 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

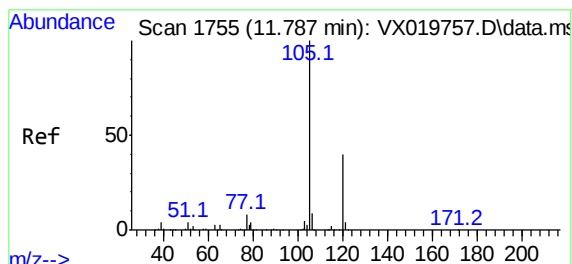
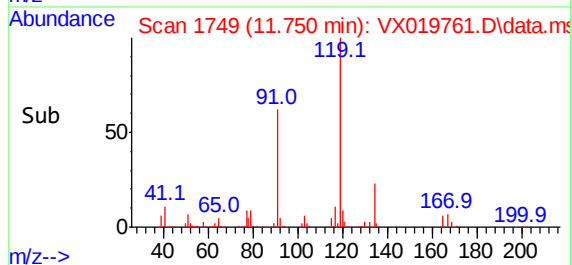
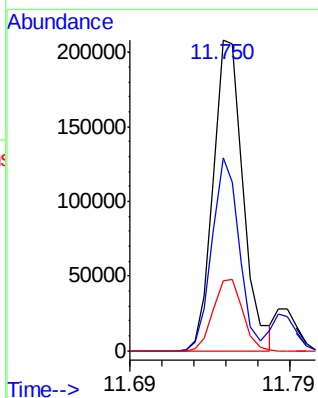
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

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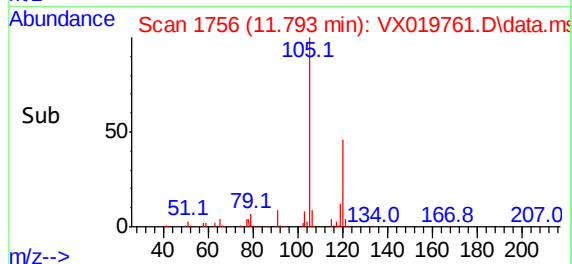
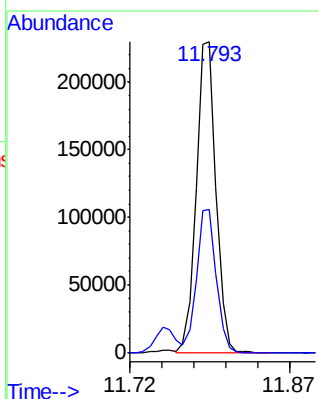
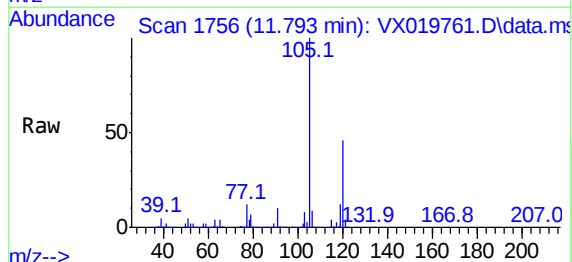


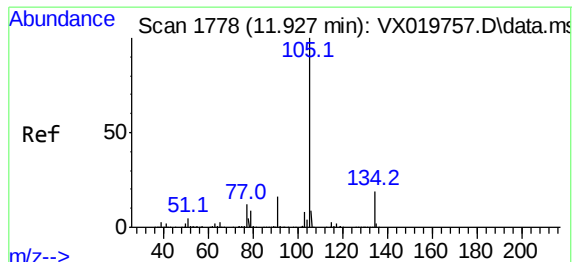
Tgt Ion:119 Resp: 284444
Ion Ratio Lower Upper
119 100
91 56.4 0.0 118.0
134 22.6 0.0 48.0



#80
1,2,4-Trimethylbenzene
Concen: 20.27 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion:105 Resp: 289275
Ion Ratio Lower Upper
105 100
120 45.5 0.0 89.8



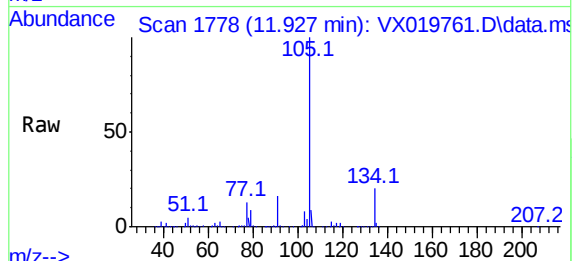


#81
 sec-Butylbenzene
 Concen: 20.22 ug/l
 RT: 11.927 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VX019761.D
 Acq: 08 Dec 2020 15:30

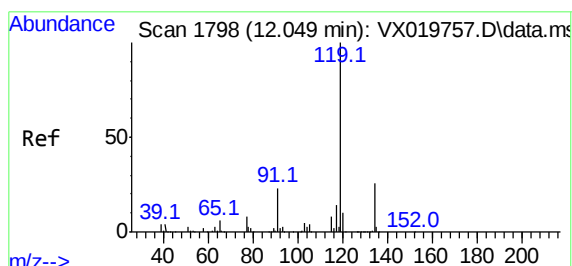
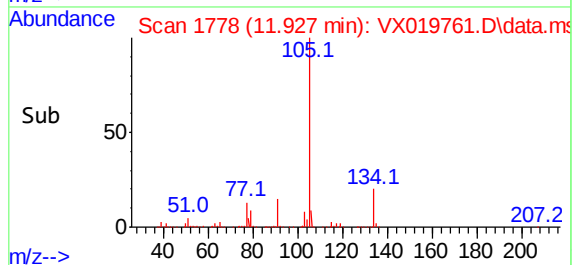
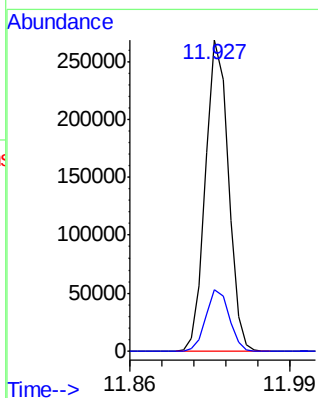
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV020

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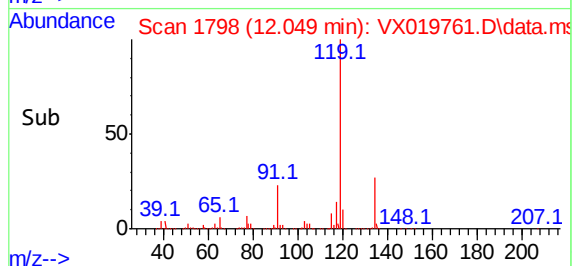
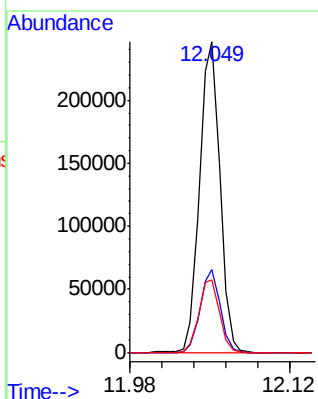
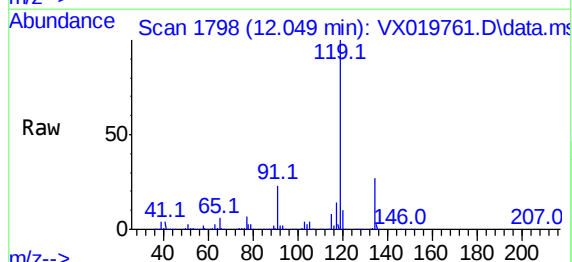


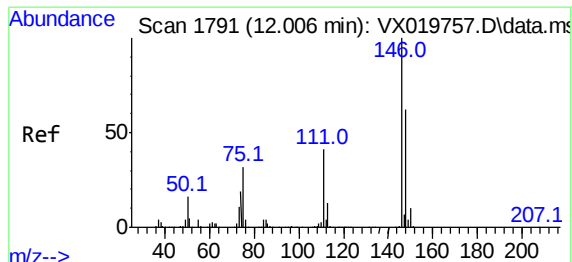
Tgt Ion:105 Resp: 325572
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 20.09 ug/l
 RT: 12.049 min Scan# 1798
 Delta R.T. -0.000 min
 Lab File: VX019761.D
 Acq: 08 Dec 2020 15:30

Tgt Ion:119 Resp: 296622
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.8
 91 23.7 0.0 47.4





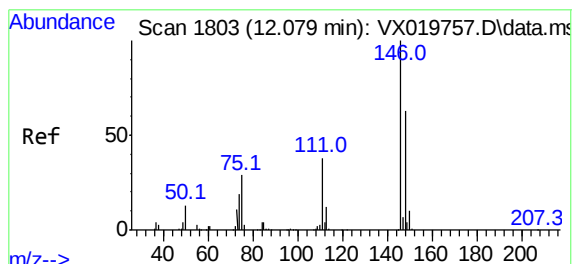
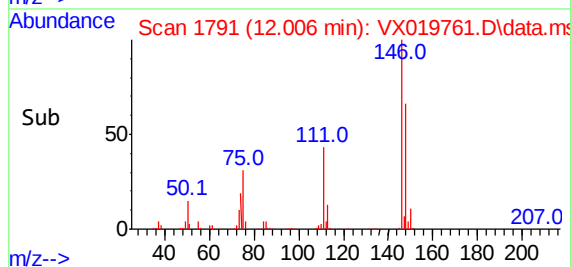
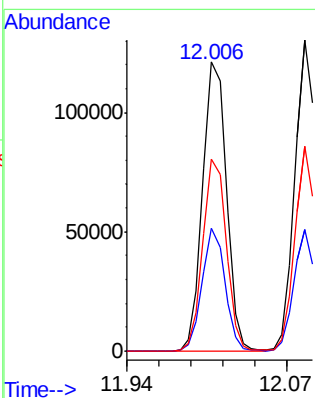
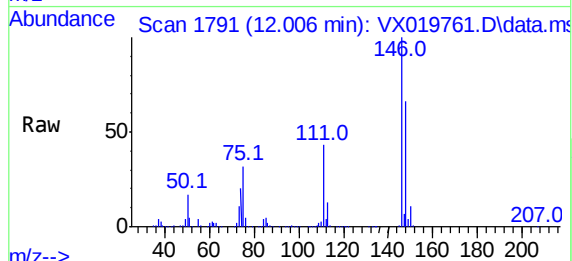
#83
1,3-Dichlorobenzene
Concen: 19.90 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tgt Ion:146 Resp: 153163
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 65.4 31.9 95.9

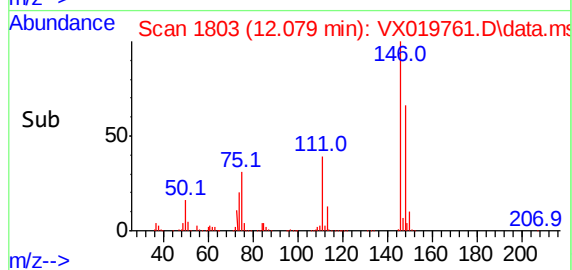
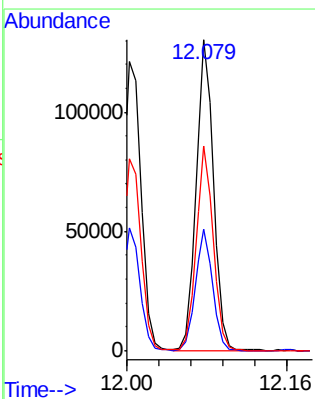
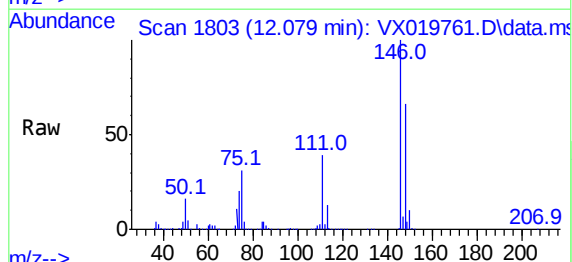
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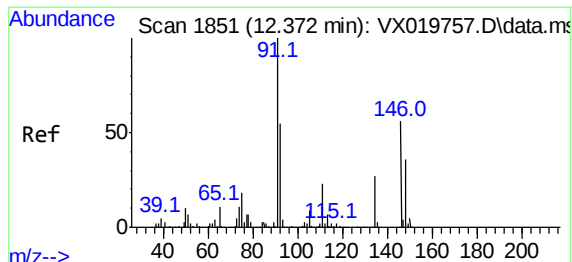
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#84
1,4-Dichlorobenzene
Concen: 20.15 ug/l
RT: 12.079 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion:146 Resp: 156089
Ion Ratio Lower Upper
146 100
111 38.6 19.1 57.3
148 64.6 31.9 95.5





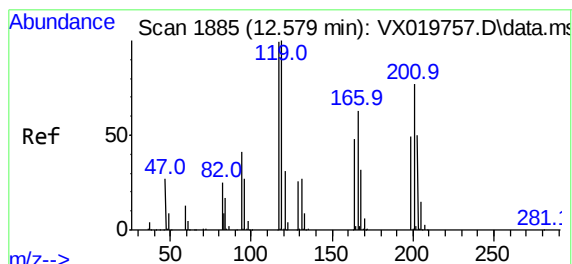
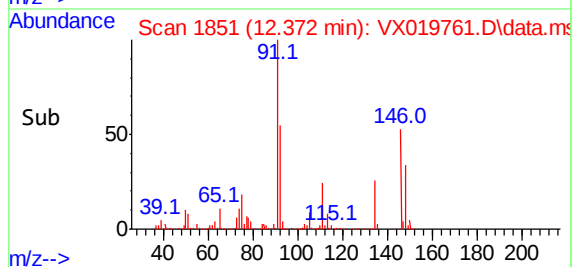
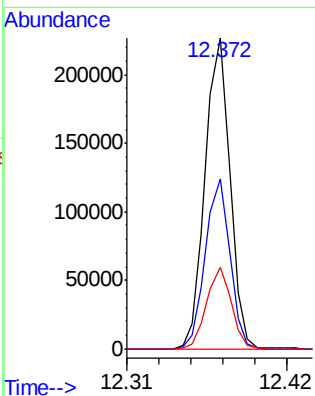
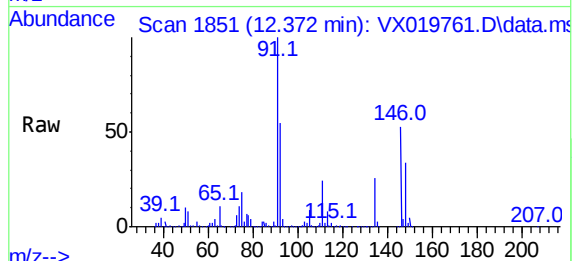
#85
n-Butylbenzene
Concen: 19.78 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

Tgt Ion: 91 Resp: 256773
Ion Ratio Lower Upper
91 100
92 54.2 0.0 109.0
134 25.9 0.0 51.8

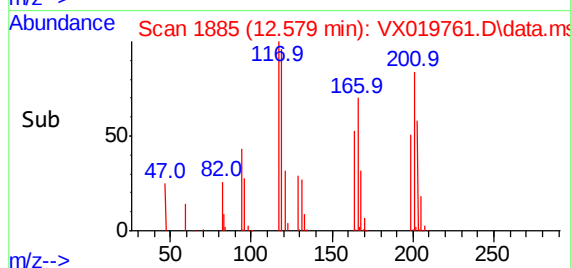
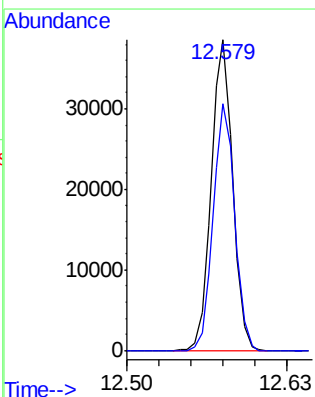
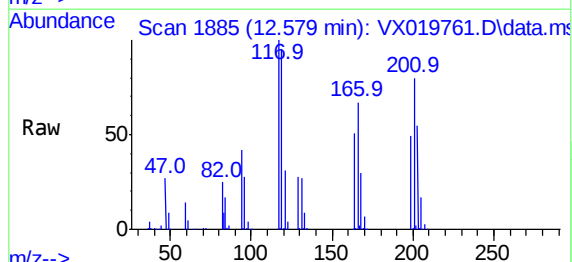
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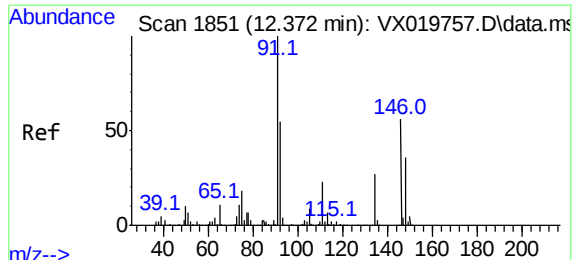
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#86
Hexachloroethane
Concen: 18.93 ug/l
RT: 12.579 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Tgt Ion: 117 Resp: 49181
Ion Ratio Lower Upper
117 100
201 79.9 40.5 121.4



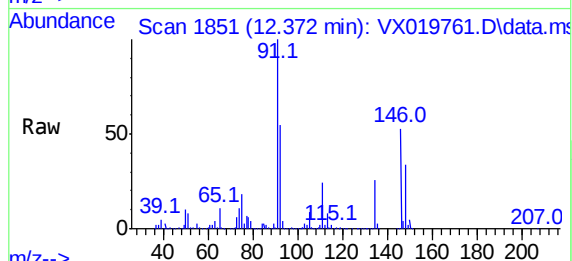


#87
1,2-Dichlorobenzene
Concen: 20.20 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

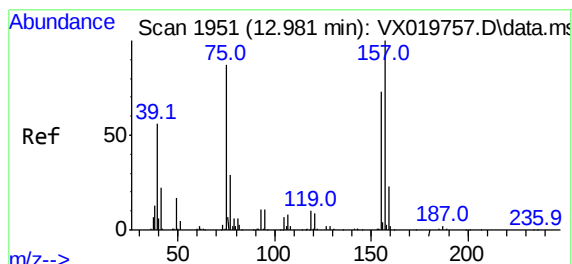
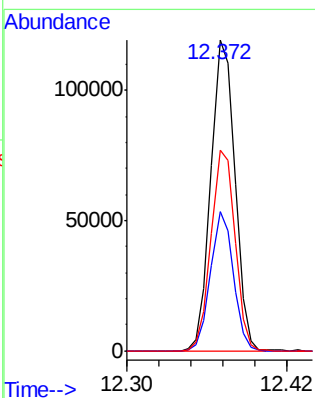
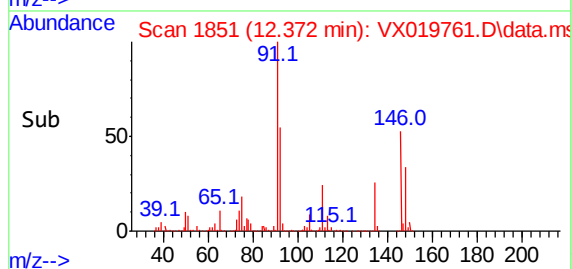
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

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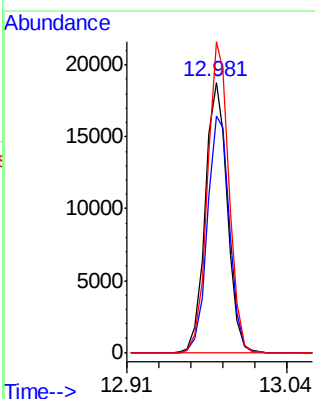
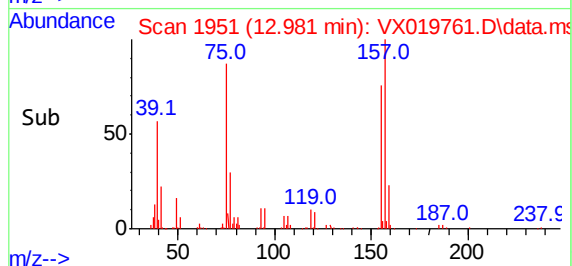
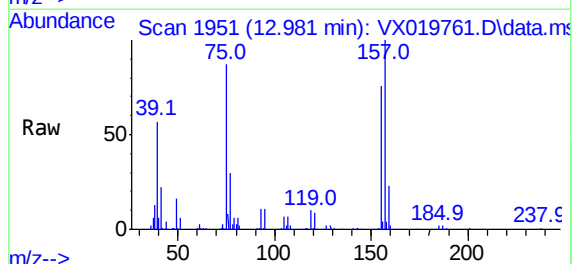


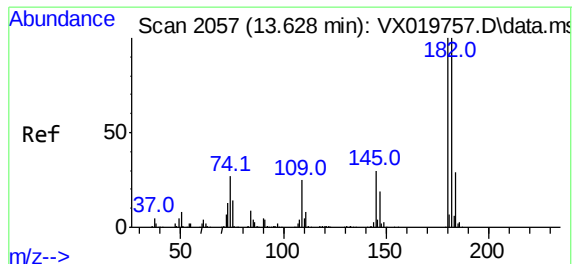
Tgt Ion:146 Resp: 152760
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.5
148 64.7 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.52 ug/l
RT: 12.981 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

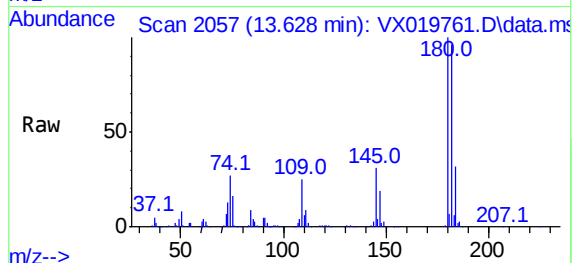
Tgt Ion: 75 Resp: 24647
Ion Ratio Lower Upper
75 100
155 87.6 68.9 103.3
157 111.5 91.3 136.9





#89
1,2,4-Trichlorobenzene
Concen: 19.63 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

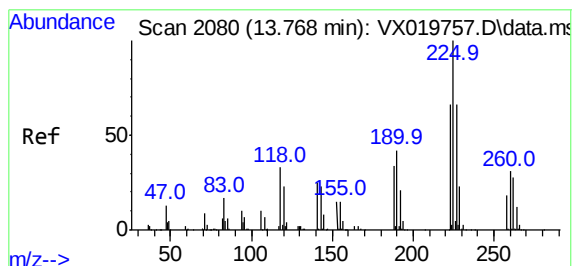
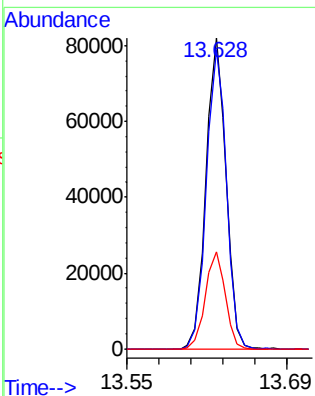
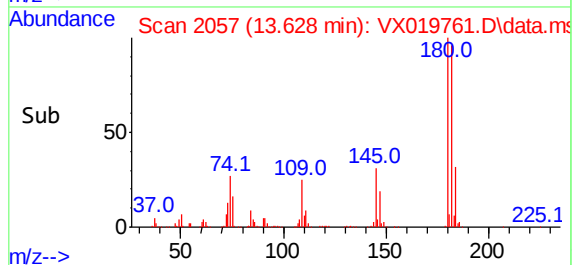
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020



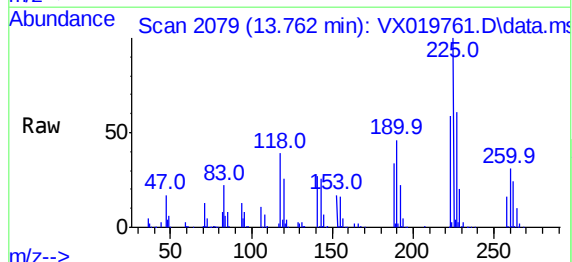
Tgt Ion:180 Resp: 98028
Ion Ratio Lower Upper
180 100
182 96.4 77.9 116.9
145 30.9 24.3 36.5

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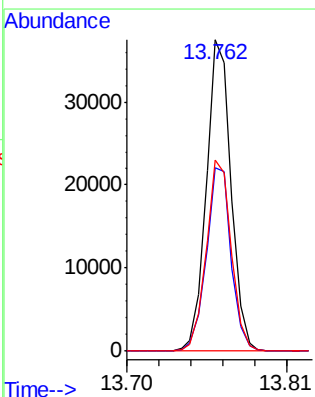
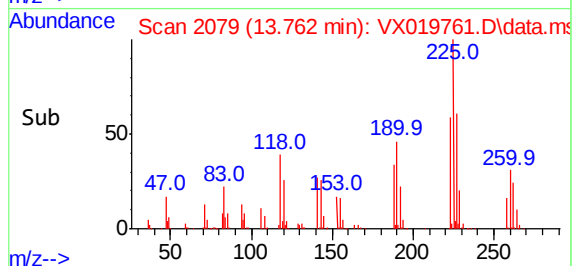
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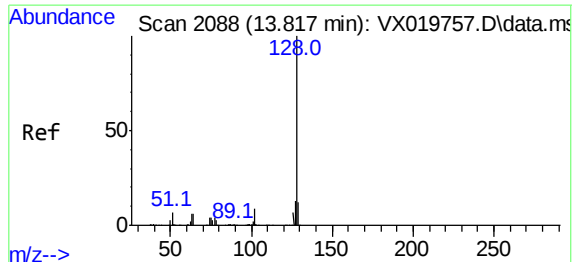


#90
Hexachlorobutadiene
Concen: 21.23 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30



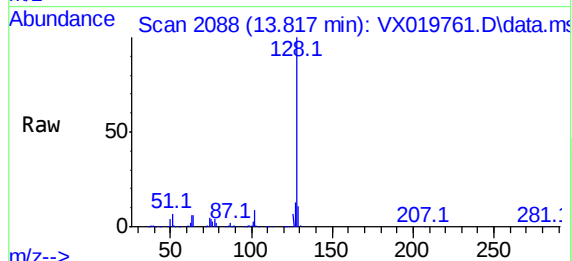
Tgt Ion:225 Resp: 46365
Ion Ratio Lower Upper
225 100
223 58.9 0.0 129.4
227 61.8 0.0 130.4





#91
Naphthalene
Concen: 19.68 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV020

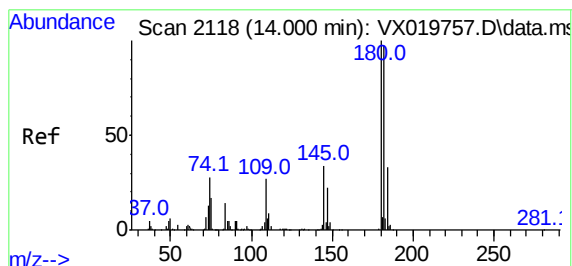
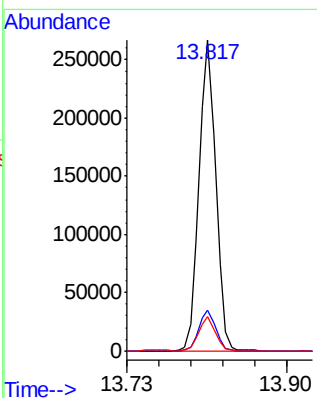
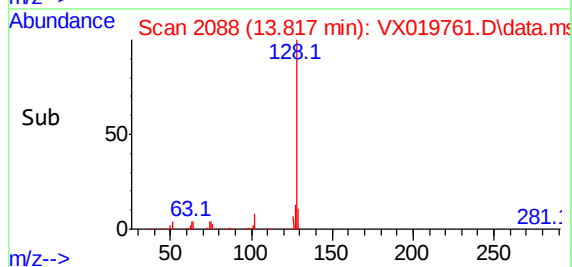


Tgt Ion:128 Resp: 321768

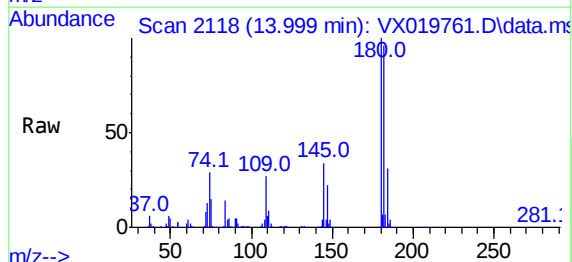
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 19.84 ug/l
RT: 13.999 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VX019761.D
Acq: 08 Dec 2020 15:30



Tgt Ion:180 Resp: 97264

Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	192.4
145	32.6	0.0	66.4

