

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031221\
 Data File : VX021177.D
 Acq On : 12 Mar 2021 12:09
 Operator : JC/MD
 Sample : VSTDIC200
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC200

Manual Integrations
 APPROVED

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 3/15/2021 3:18:47 PM

Quant Time: Mar 12 12:31:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 12:20:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.988	128	14739	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.835	114	83076	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.100	117	76696	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.035	65	40087	36.56	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 121.87%#		
60) 4-Bromofluorobenzene	11.124	95	42772	32.94	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 109.80%		
63) Toluene-d8	8.700	98	105695	30.22	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 100.73%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.187	85	195777	236.20	ug/l	98
3) Chloromethane	1.311	50	199322	225.30	ug/l	98
4) Vinyl Chloride	1.399	62	208561	207.18	ug/l	99
5) Bromomethane	1.622	94	113154	262.23	ug/l	97
6) Chloroethane	1.693	64	125082	196.94	ug/l	97
7) Trichlorofluoromethane	1.905	101	318583	235.21	ug/l	99
8) Diethyl Ether	2.170	74	108895	188.69	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.364	101	176731	217.73	ug/l	96
10) 1,1-Dichloroethene	2.352	96	172900	208.99	ug/l	88
11) Methyl Iodide	2.493	142	258055	243.39	ug/l	92
12) Methyl Acetate	2.752	43	294599	288.31	ug/l #	86
13) Acrolein	2.276	56	185944	1326.89	ug/l	99
14) Acrylonitrile	3.123	53	540592	1135.81	ug/l	98
15) Acetone	2.423	58	137926	1011.31	ug/l #	67
16) Carbon Disulfide	2.552	76	504740	214.27	ug/l	100
17) Allyl chloride	2.705	41	361322	259.36	ug/l	88
18) Methylene Chloride	2.834	84	203051	213.00	ug/l #	84
19) trans-1,2-Dichloroethene	3.140	96	190461	206.60	ug/l #	84
20) Diisopropyl ether	3.829	45	712056	253.14	ug/l	95
21) 1,1-Dichloroethane	3.670	63	374860	230.34	ug/l	96
22) cis-1,2-Dichloroethene	4.564	96	223865	211.52	ug/l	90
23) tert-Butyl Alcohol	3.040	59	224590	1043.23	ug/l #	100
24) Methyl tert-Butyl Ether	3.170	73	666361	224.50	ug/l #	86
25) Chloroform	5.182	83	392395	234.20	ug/l	98
26) Cyclohexane	5.552	56	335129	228.93	ug/l #	90
29) 1,1-Dichloropropene	5.770	75	289059	225.99	ug/l	97
30) 2-Butanone	4.641	43	787845	1207.41	ug/l	92
31) 2,2-Dichloropropane	4.552	77	328192	223.38	ug/l	96
32) 1,1,1-Trichloroethane	5.470	97	351827	240.35	ug/l	96
33) Carbon Tetrachloride	5.758	117	310019	243.39	ug/l	98
34) Benzene	6.117	78	821700	215.01	ug/l #	97
35) Methacrylonitrile	5.011	41	185915	261.02	ug/l	90
36) 1,2-Dichloroethane	6.164	62	345010	252.74	ug/l #	93
37) Trichloroethene	7.194	130	215884	211.07	ug/l	93
38) Methylcyclohexane	7.441	83	333224	210.78	ug/l	93
39) 1,2-Dichloropropane	7.494	63	223105	230.74	ug/l	98
40) Dibromomethane	7.641	93	157734	236.50	ug/l	90
41) Bromodichloromethane	7.876	83	335745	240.86	ug/l	98
42) Vinyl Acetate	3.793	43	3067278	1256.71	ug/l #	93

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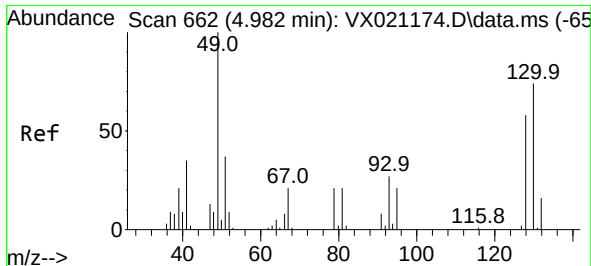
Manual Integrations
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Quant Time: Mar 12 12:31:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.799	43	313920	249.34	ug/l	99
44) Isopropyl Acetate	6.417	43	546350	258.21	ug/l	91
45) 1,4-Dioxane	7.723	88	93994	3983.03	ug/l #	88
46) Methyl methacrylate	7.747	41	288981	270.14	ug/l	83
47) n-amyl Acetate	10.883	43	496583	279.03	ug/l	90
48) t-1,3-Dichloropropene	9.023	75	367865	240.96	ug/l	99
49) cis-1,3-Dichloropropene	8.418	75	380251	229.69	ug/l #	84
50) 1,1,2-Trichloroethane	9.200	97	210684	220.15	ug/l	97
51) Ethyl methacrylate	9.165	69	345237	227.81	ug/l	77
52) 1,3-Dichloropropane	9.353	76	368249	225.52	ug/l	98
53) Dibromochloromethane	9.565	129	252335	243.38	ug/l	99
54) 1,2-Dibromoethane	9.659	107	225396	224.29	ug/l	98
55) 2-Chloroethyl vinyl ether	8.294	63	878454	1197.13	ug/l	97
56) Bromoform	10.841	173	181090	249.84	ug/l	99
58) 4-Methyl-2-Pentanone	8.629	43	1589959	1229.36	ug/l #	89
59) 2-Hexanone	9.476	43	1205970	1235.55	ug/l	89
61) Tetrachloroethene	9.318	164	209114	226.98	ug/l	97
62) Toluene	8.770	91	906326	212.54	ug/l	99
64) Chlorobenzene	10.124	112	553442	211.32	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.206	131	211660	218.09	ug/l	99
66) Ethyl Benzene	10.235	91	1032989	217.03	ug/l	97
67) m/p-Xylenes	10.347	106	742493	421.53	ug/l	96
68) o-Xylene	10.682	106	354944	211.26	ug/l	91
69) Styrene	10.700	104	621659	213.55	ug/l	94
70) Isopropylbenzene	11.006	105	988472	217.64	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.253	83	309207	217.09	ug/l	99
72) 1,2,3-Trichloropropane	11.283	75	300662m	230.73	ug/l	
73) Bromobenzene	11.241	156	239849	224.53	ug/l	91
74) n-propylbenzene	11.347	91	1183014	226.89	ug/l	99
75) 2-Chlorotoluene	11.406	91	694665	222.43	ug/l	98
76) 1,3,5-Trimethylbenzene	11.494	105	841464	224.01	ug/l	98
77) t-1,4-Dichloro-2-butene	11.059	75	116833	221.99	ug/l	92
78) 4-Chlorotoluene	11.494	91	829820	230.85	ug/l	99
79) tert-butylbenzene	11.753	119	808076	225.08	ug/l	95
80) 1,2,4-Trimethylbenzene	11.794	105	857518	225.73	ug/l	98
81) sec-Butylbenzene	11.930	105	967028	223.65	ug/l	100
82) p-Isopropyltoluene	12.047	119	893303	228.22	ug/l	96
83) 1,3-Dichlorobenzene	12.012	146	442698	227.75	ug/l	98
84) 1,4-Dichlorobenzene	12.083	146	444628	232.39	ug/l	97
85) n-Butylbenzene	12.371	91	852897	240.73	ug/l	97
86) Hexachloroethane	12.583	117	168858	229.58	ug/l	96
87) 1,2-Dichlorobenzene	12.377	146	424516	230.81	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.983	75	83503	252.57	ug/l #	80
89) 1,2,4-Trichlorobenzene	13.630	180	302735	250.24	ug/l	97
90) Hexachlorobutadiene	13.765	225	117099	238.40	ug/l	98
91) Naphthalene	13.818	128	970116	233.80	ug/l	99
92) 1,2,3-Trichlorobenzene	14.001	180	295127	248.17	ug/l	97

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



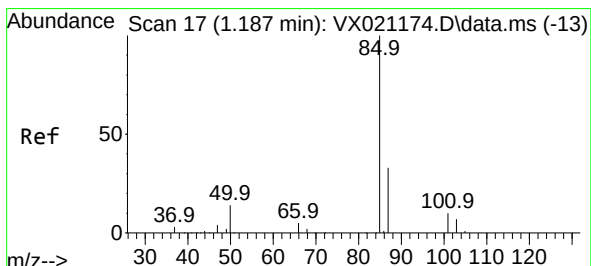
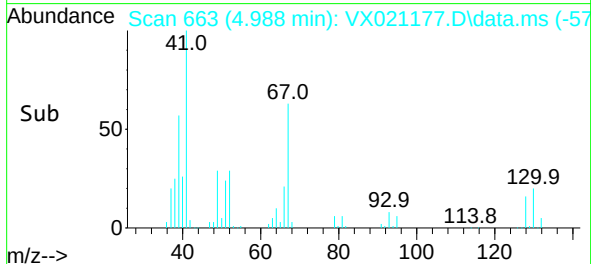
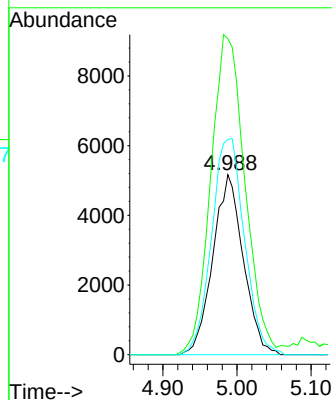
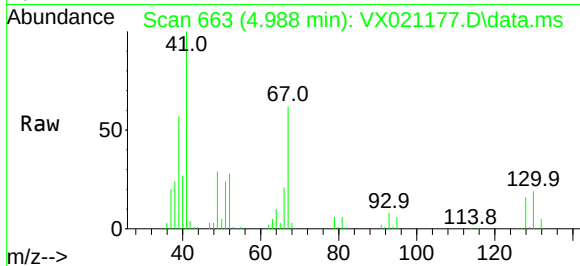
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Bromochloromethane
Concen: 30.00 ug/l
RT: 4.988 min Scan# 663
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion	Ratio	Lower	Upper
128	100		
49	199.6	0.0	367.5
130	130.0	0.0	318.8

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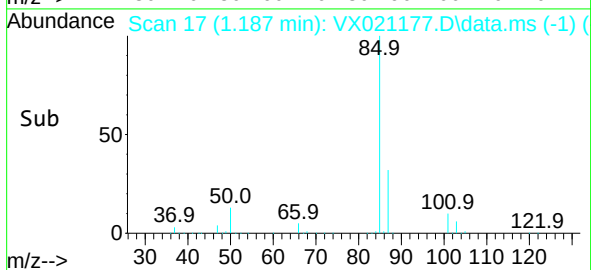
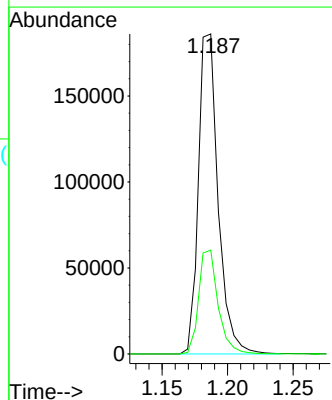
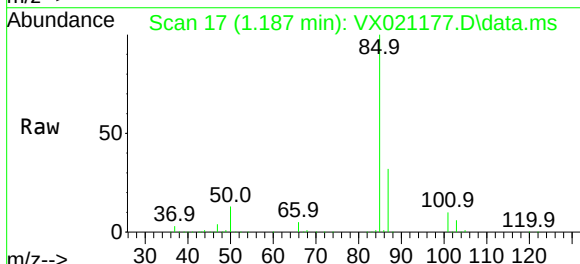
Manual Integrations
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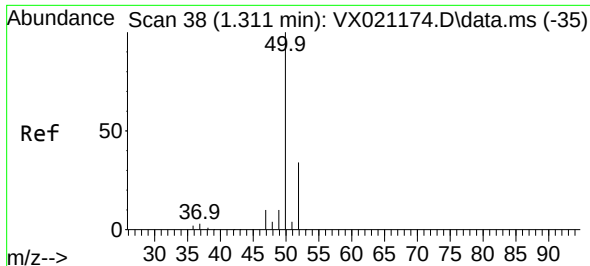
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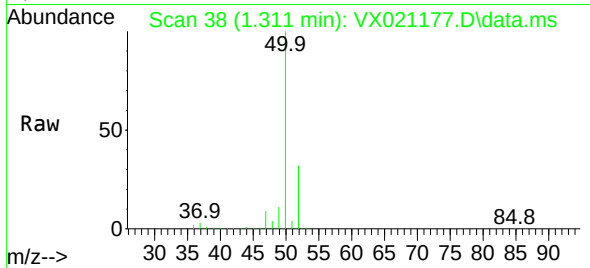
#2
Dichlorodifluoromethane
Concen: 236.20 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.8	50.4

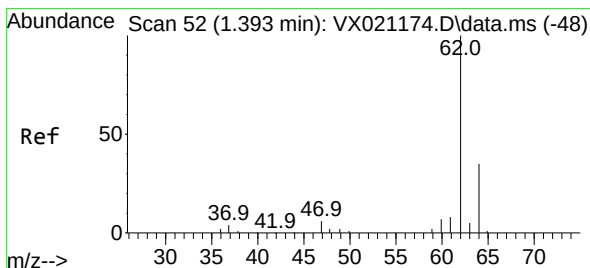
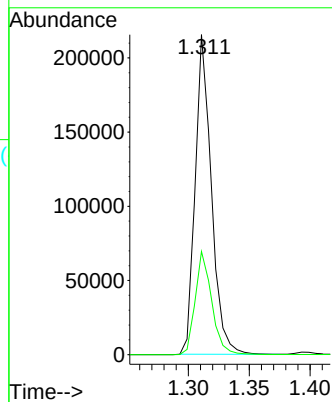
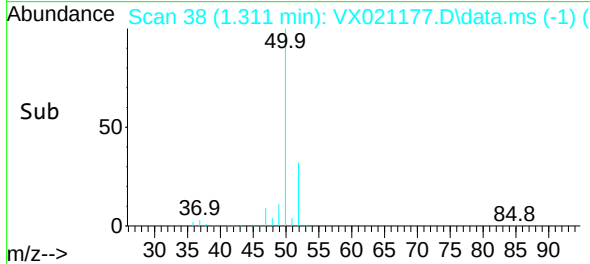




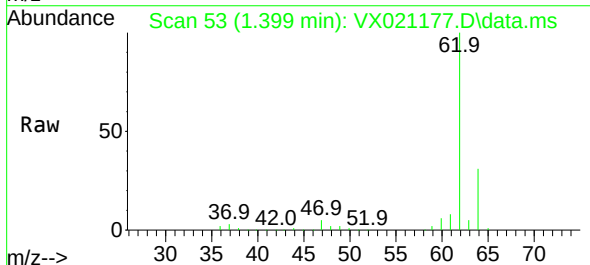
#3
Chloromethane
Concen: 225.30 ug/l
RT: 1.311 min Scan# 38
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



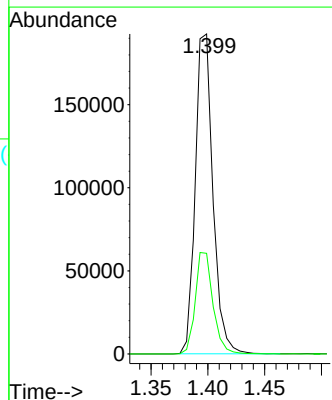
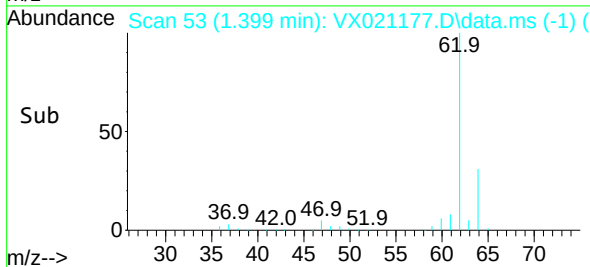
Tgt Ion: 50 Resp: 199322
Ion Ratio Lower Upper
50 100
52 32.3 26.9 40.3



#4
Vinyl Chloride
Concen: 207.18 ug/l
RT: 1.399 min Scan# 53
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



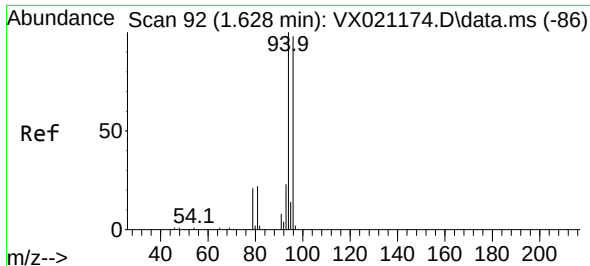
Tgt Ion: 62 Resp: 208561
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.2



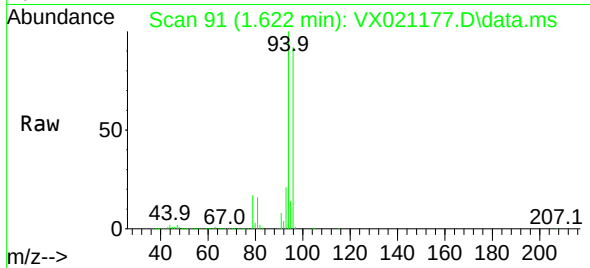
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

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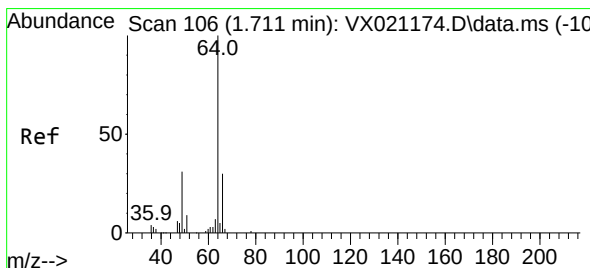
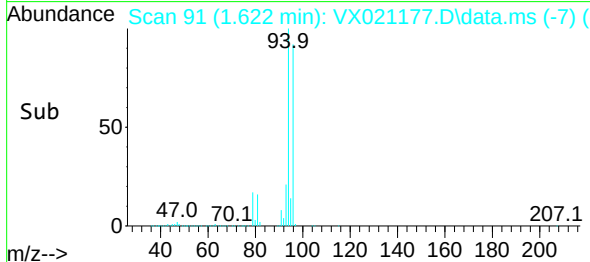
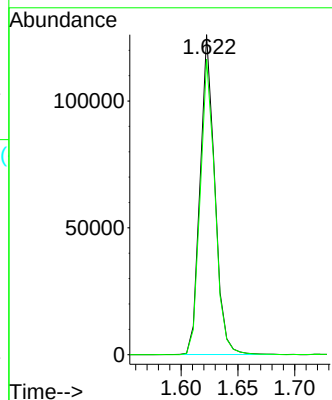
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#5
Bromomethane
Concen: 262.23 ug/l
RT: 1.622 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

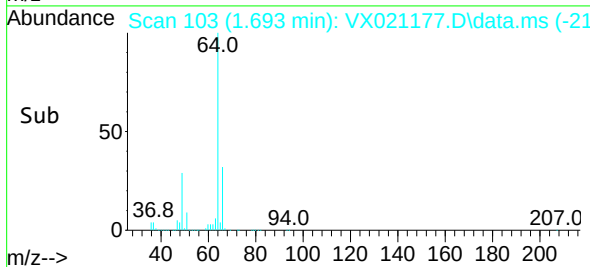
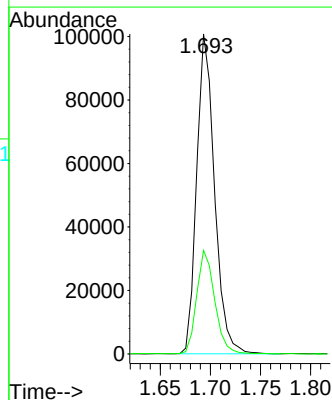
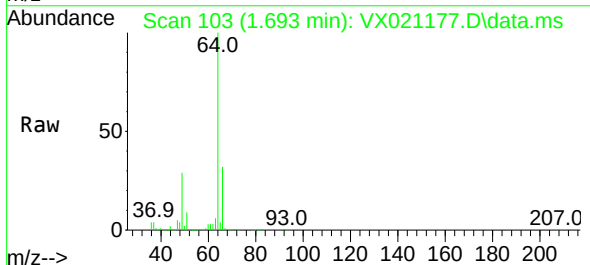


Tgt Ion: 94 Resp: 113154
Ion Ratio Lower Upper
94 100
96 92.4 76.6 114.8



#6
Chloroethane
Concen: 196.94 ug/l
RT: 1.693 min Scan# 103
Delta R.T. -0.018 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

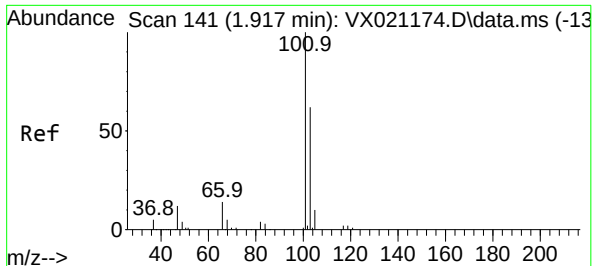
Tgt Ion: 64 Resp: 125082
Ion Ratio Lower Upper
64 100
66 32.3 27.4 41.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Manual Integrations
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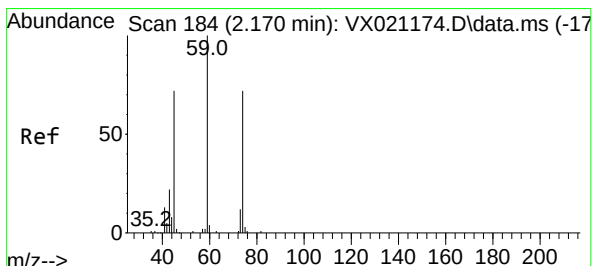
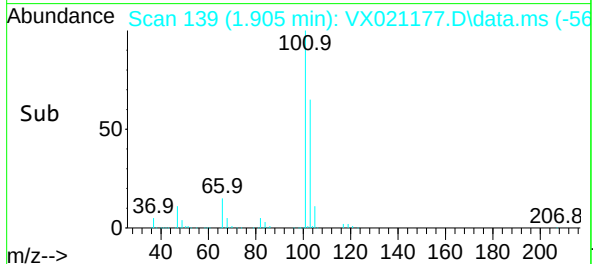
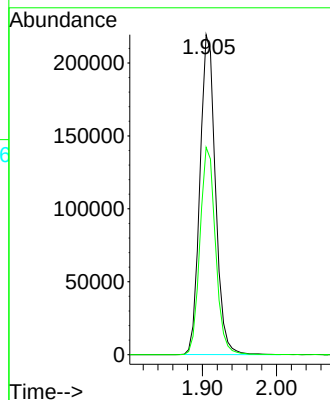
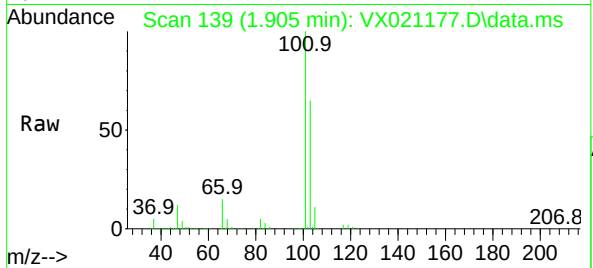
#7
Trichlorofluoromethane
Concen: 235.21 ug/l
RT: 1.905 min Scan# 139
Delta R.T. -0.012 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion:101 Resp: 318583
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

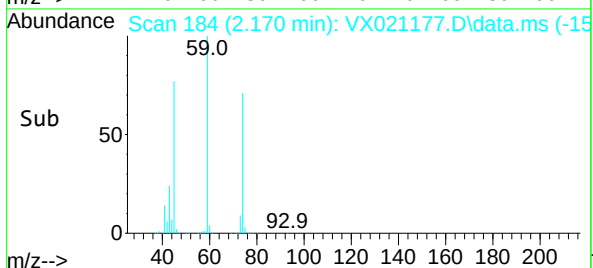
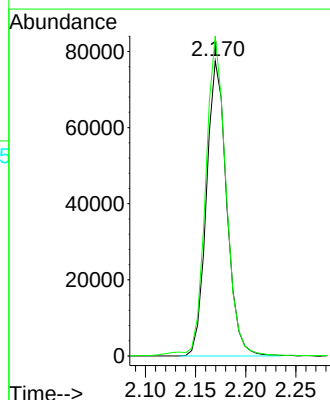
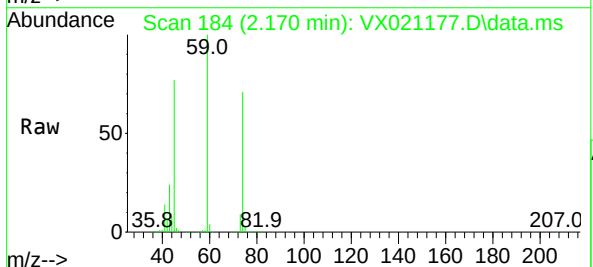
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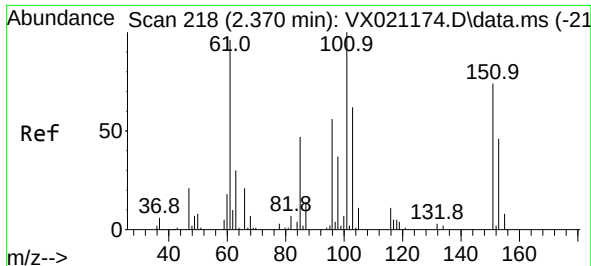
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#8
Diethyl Ether
Concen: 188.69 ug/l
RT: 2.170 min Scan# 184
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 74 Resp: 108895
Ion Ratio Lower Upper
74 100
45 108.0 17.3 155.7





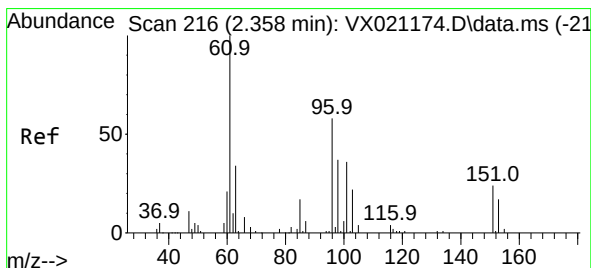
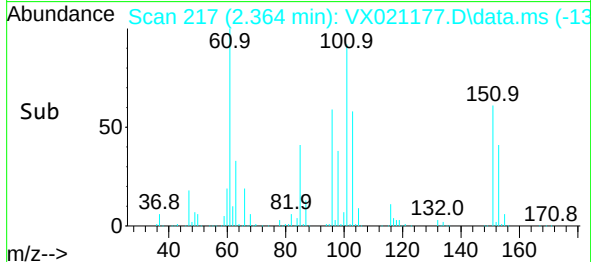
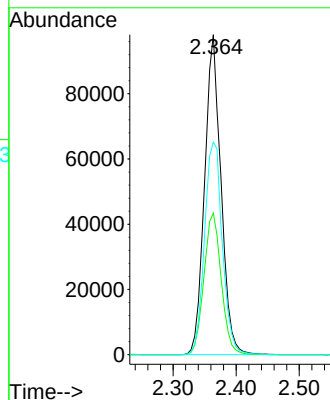
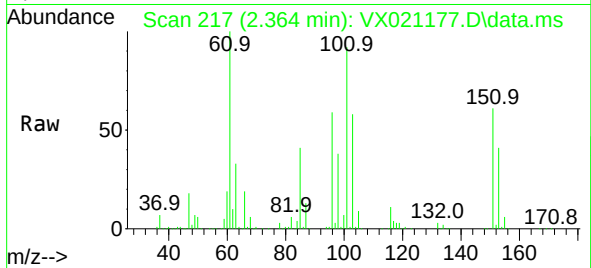
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 217.73 ug/l
 RT: 2.364 min Scan# 217
 Delta R.T. -0.006 min
 Lab File: VX021177.D
 Acq: 12 Mar 2021 12:09

Tgt Ion:101 Resp: 176731
 Ion Ratio Lower Upper
 101 100
 85 46.7 0.0 88.0
 151 72.4 0.0 151.8

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC200

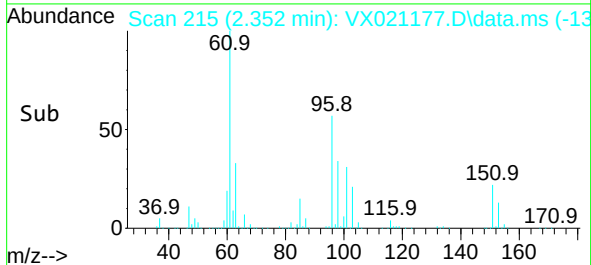
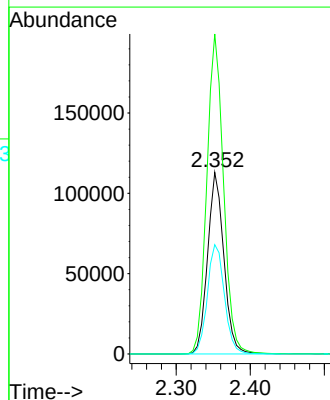
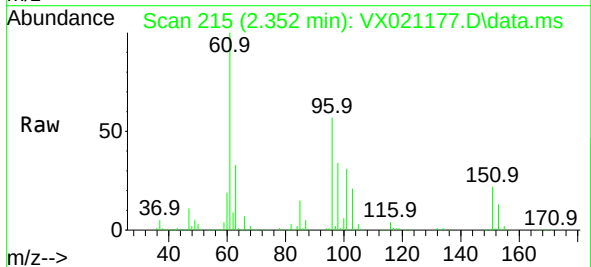
Manual Integrations
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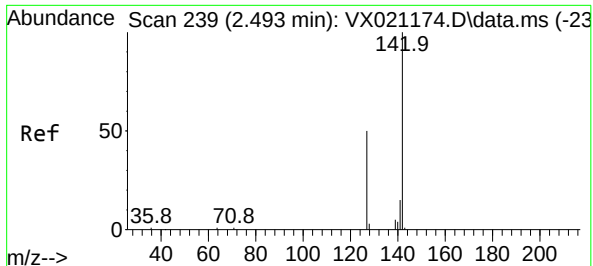
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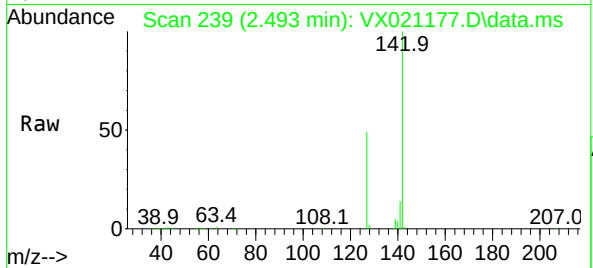
#10
 1,1-Dichloroethene
 Concen: 208.99 ug/l
 RT: 2.352 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VX021177.D
 Acq: 12 Mar 2021 12:09

Tgt Ion: 96 Resp: 172900
 Ion Ratio Lower Upper
 96 100
 61 176.2 126.1 189.1
 98 60.2 51.3 76.9

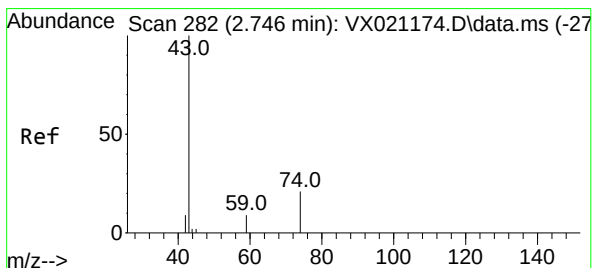
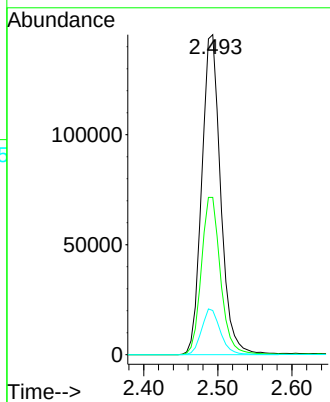
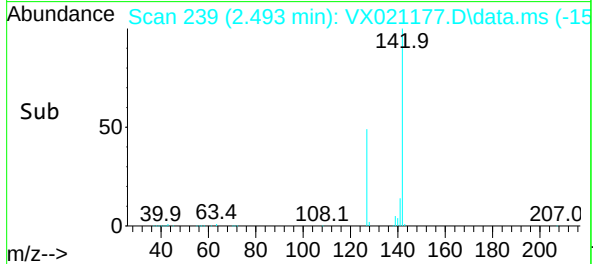




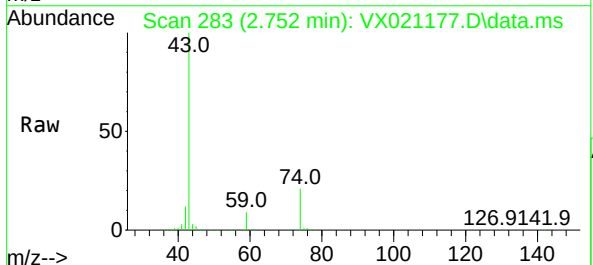
#11
Methyl Iodide
Concen: 243.39 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



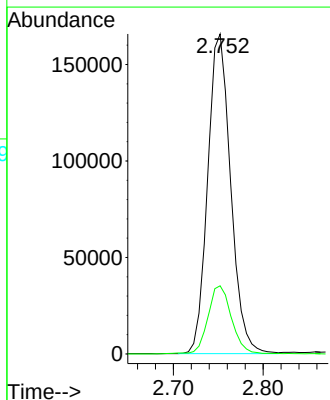
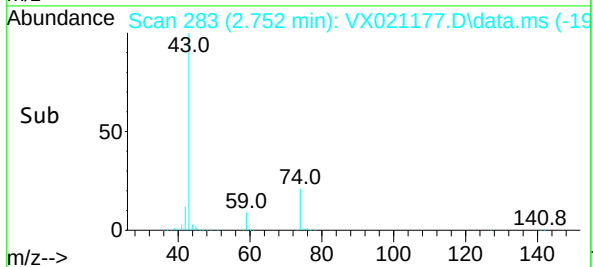
Tgt Ion:142 Resp: 258055
Ion Ratio Lower Upper
142 100
127 49.2 21.4 64.2
141 13.8 6.5 19.4



#12
Methyl Acetate
Concen: 288.31 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



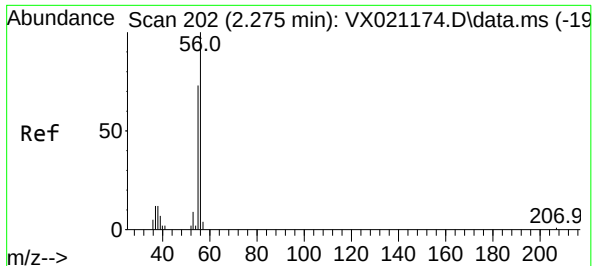
Tgt Ion: 43 Resp: 294599
Ion Ratio Lower Upper
43 100
74 21.1 22.8 34.2#



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

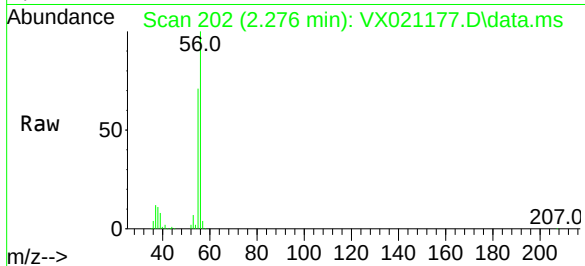
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#13
Acrolein
Concen: 1326.89 ug/l
RT: 2.276 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

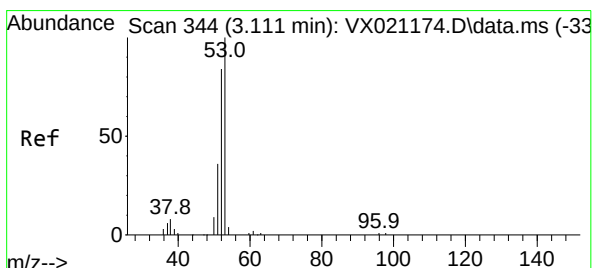
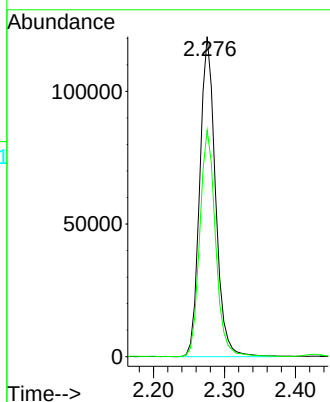
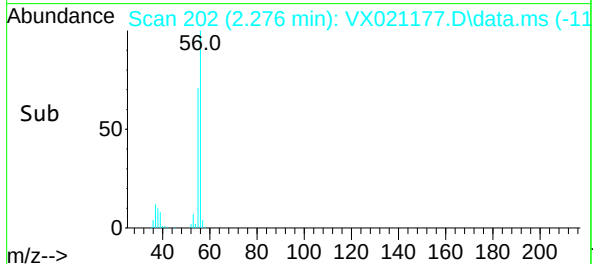
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200



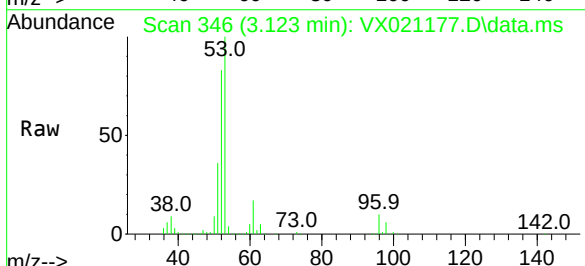
Tgt Ion: 56 Resp: 185944
Ion Ratio Lower Upper
56 100
55 71.3 56.3 84.5

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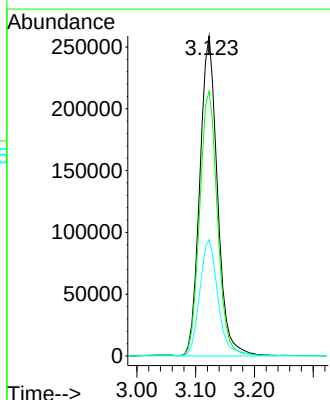
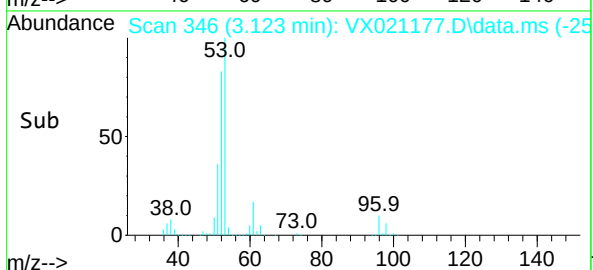
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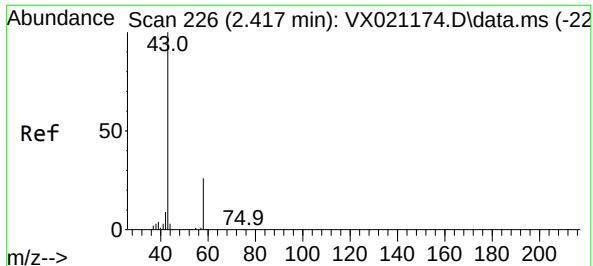


#14
Acrylonitrile
Concen: 1135.81 ug/l
RT: 3.123 min Scan# 346
Delta R.T. 0.012 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



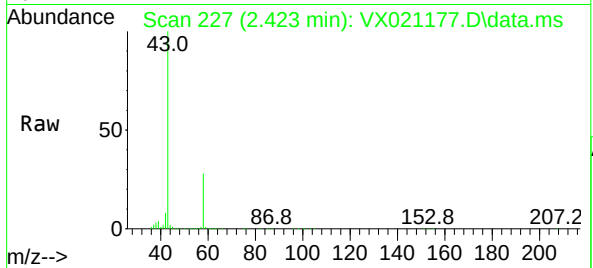
Tgt Ion: 53 Resp: 540592
Ion Ratio Lower Upper
53 100
52 83.2 41.1 123.3
51 37.4 17.6 52.9





#15
Acetone
Concen: 1011.31 ug/l
RT: 2.423 min Scan# 227
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

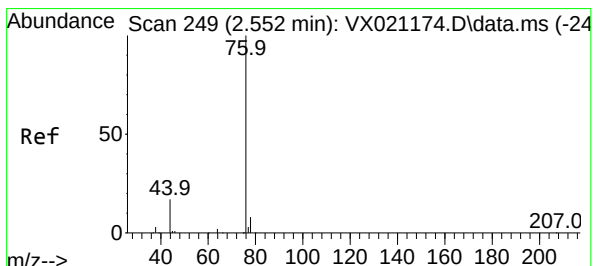
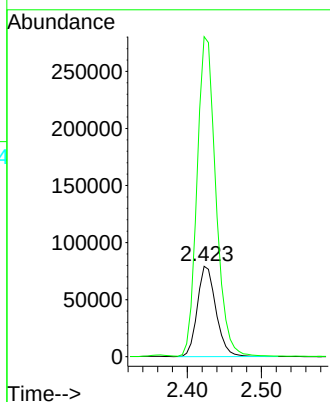
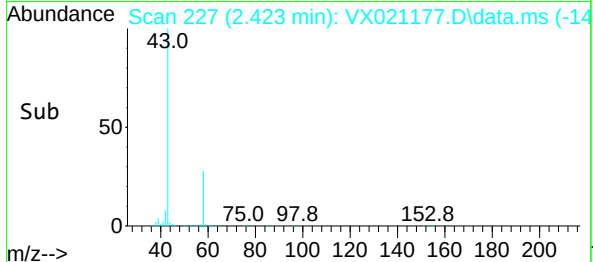
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200



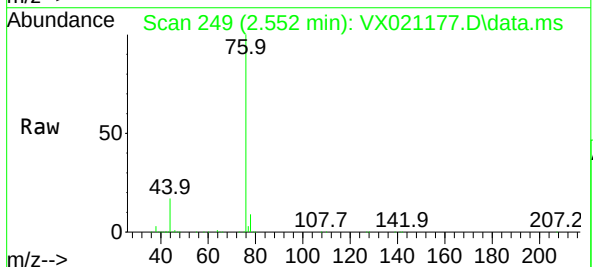
Tgt Ion: 58 Resp: 137926
Ion Ratio Lower Upper
58 100
43 354.1 232.6 348.8#

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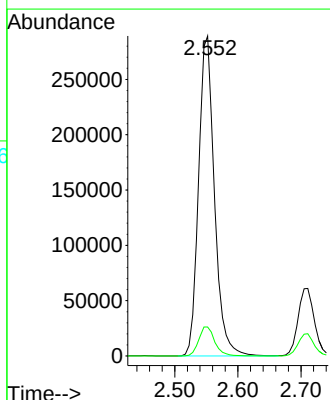
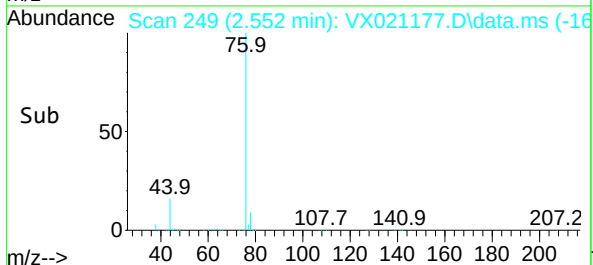
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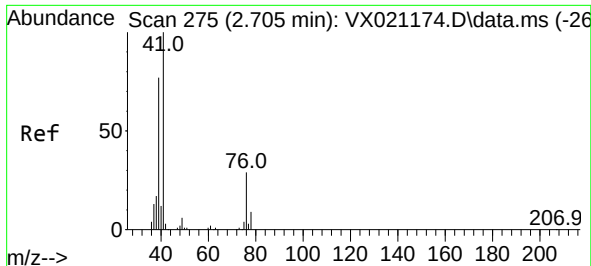


#16
Carbon Disulfide
Concen: 214.27 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



Tgt Ion: 76 Resp: 504740
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#17

Allyl chloride

Concen: 259.36 ug/l

RT: 2.705 min Scan# 275

Delta R.T. 0.000 min

Lab File: VX021177.D

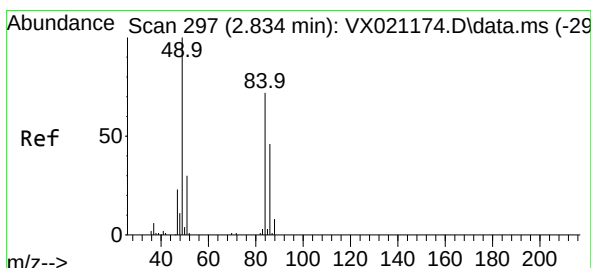
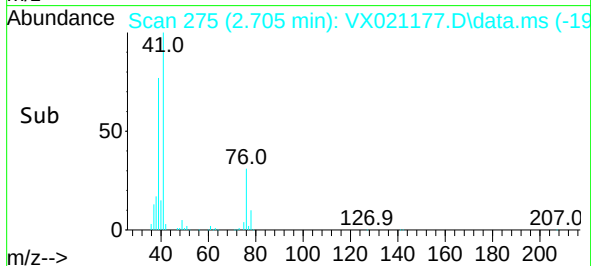
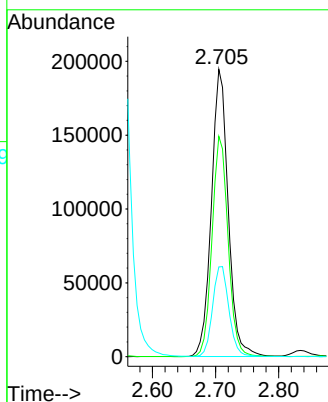
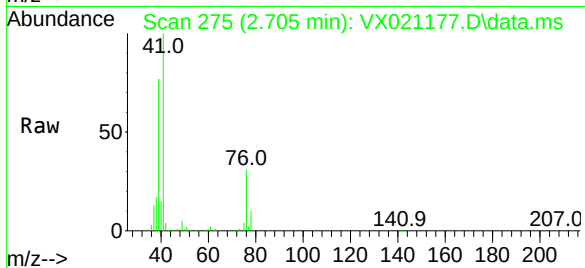
Acq: 12 Mar 2021 12:09

Tgt Ion:	41	Resp:	361322
Ion	Ratio	Lower	Upper
41	100		
39	76.7	34.8	104.4
76	31.2	21.3	63.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Manual Integrations
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#18

Methylene Chloride

Concen: 213.00 ug/l

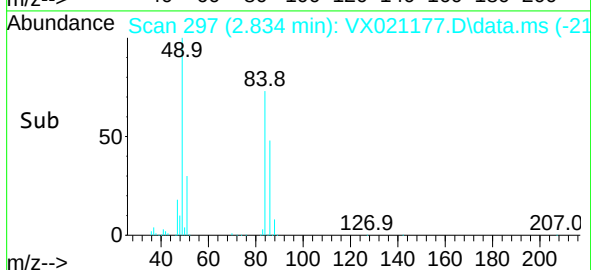
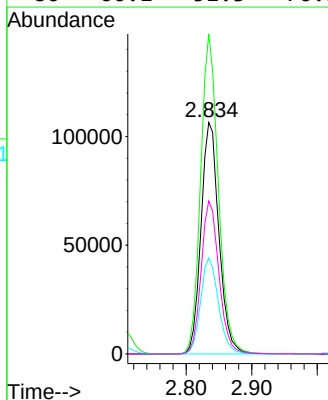
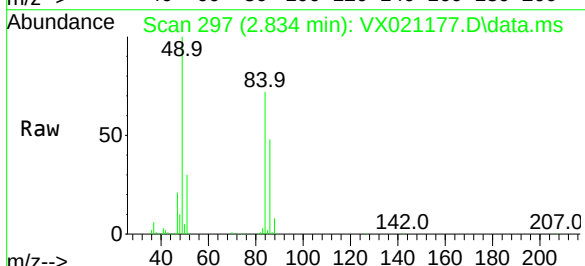
RT: 2.834 min Scan# 297

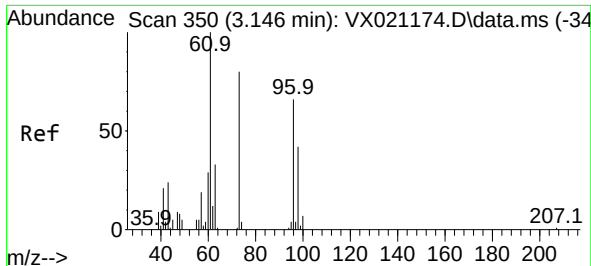
Delta R.T. 0.000 min

Lab File: VX021177.D

Acq: 12 Mar 2021 12:09

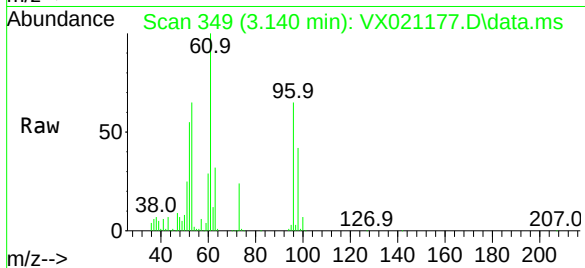
Tgt Ion:	84	Resp:	203051
Ion	Ratio	Lower	Upper
84	100		
49	138.1	90.6	136.0#
51	41.4	26.3	39.5#
86	66.1	51.3	76.9



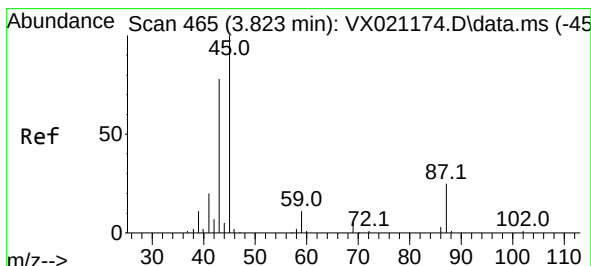
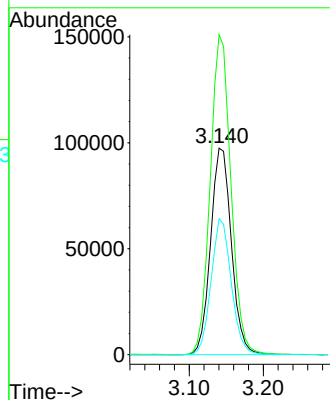
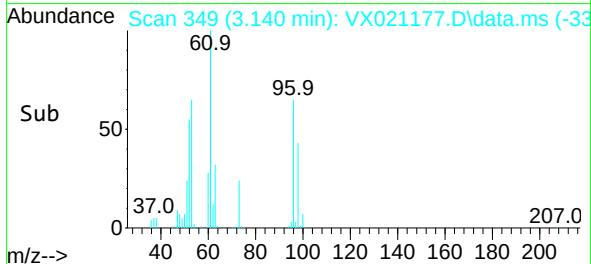


#19

trans-1,2-Dichloroethene
Concen: 206.60 ug/l
RT: 3.140 min Scan# 349
Delta R.T. -0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

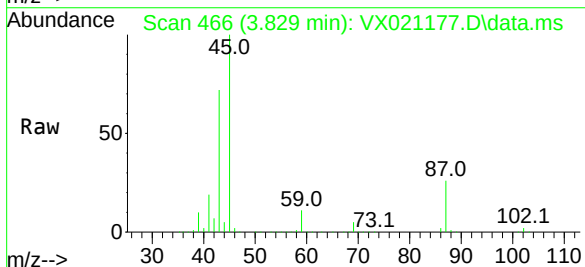


Tgt Ion: 96 Resp: 190461
Ion Ratio Lower Upper
96 100
61 155.0 103.0 154.4#
98 65.8 51.8 77.6

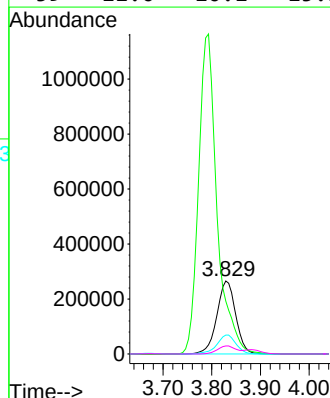
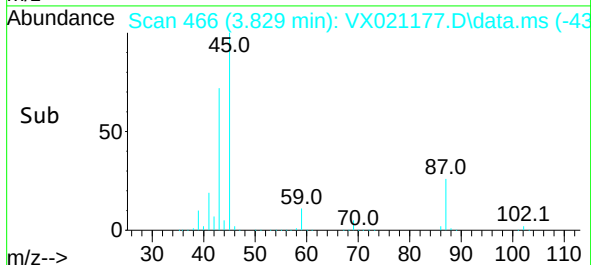


#20

Diisopropyl ether
Concen: 253.14 ug/l
RT: 3.829 min Scan# 466
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



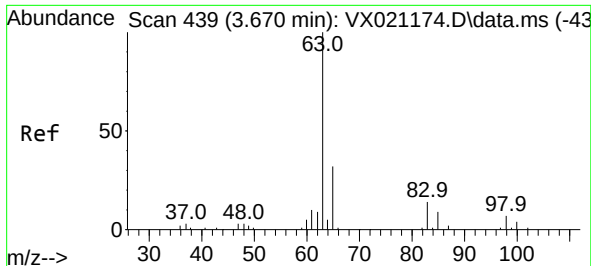
Tgt Ion: 45 Resp: 712056
Ion Ratio Lower Upper
45 100
43 72.2 56.0 84.0
87 25.9 25.4 38.0
59 11.0 10.1 15.1



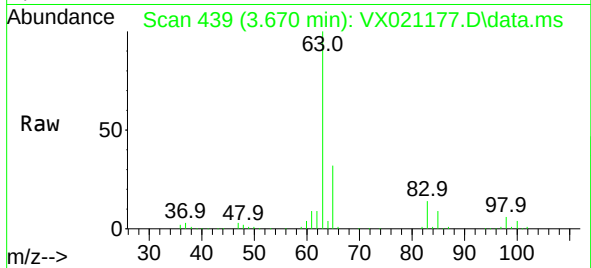
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

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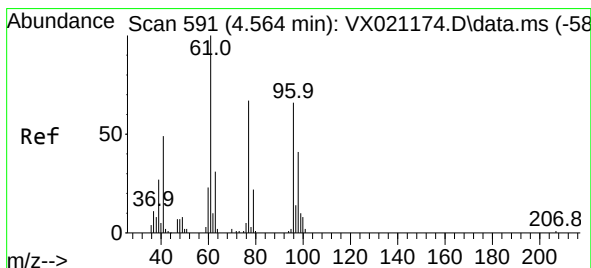
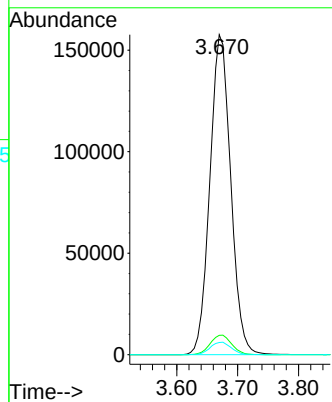
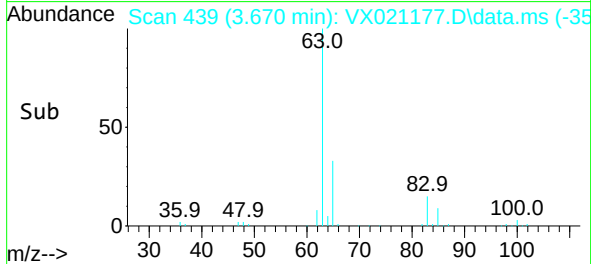
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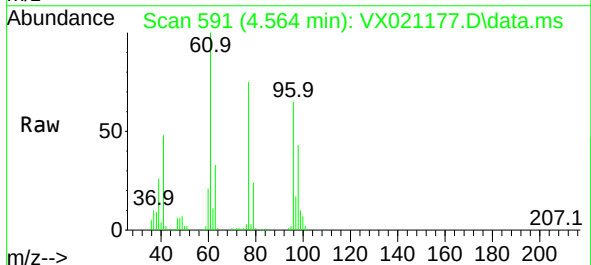
#21
1,1-Dichloroethane
Concen: 230.34 ug/l
RT: 3.670 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



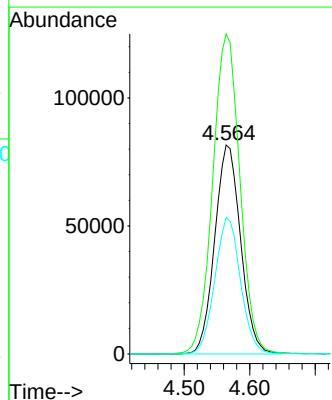
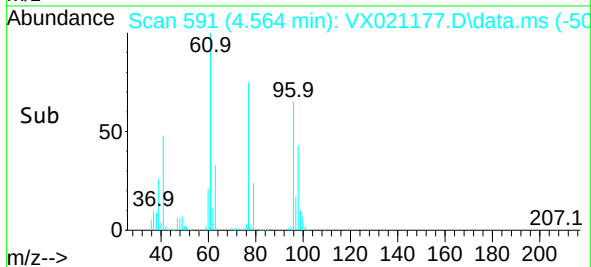
Tgt Ion: 63 Resp: 374860
Ion Ratio Lower Upper
63 100
98 6.0 3.9 11.7
100 3.8 2.5 7.4



#22
cis-1,2-Dichloroethene
Concen: 211.52 ug/l
RT: 4.564 min Scan# 591
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



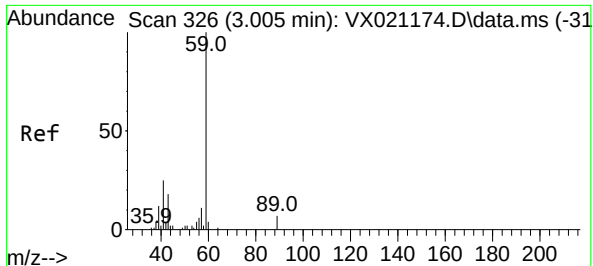
Tgt Ion: 96 Resp: 223865
Ion Ratio Lower Upper
96 100
61 161.1 114.1 171.1
98 64.7 51.8 77.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

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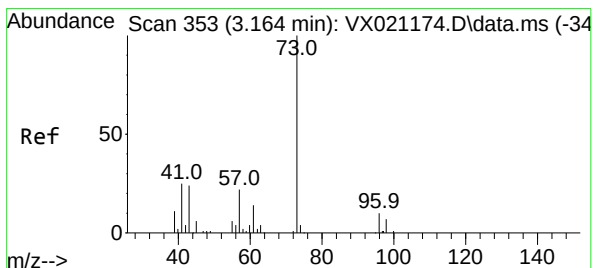
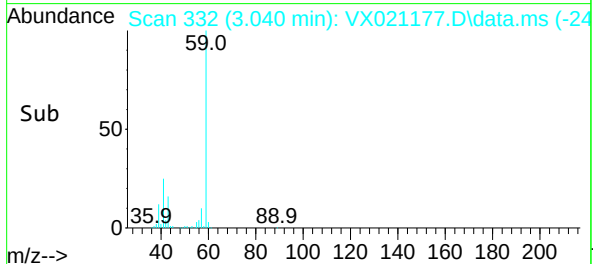
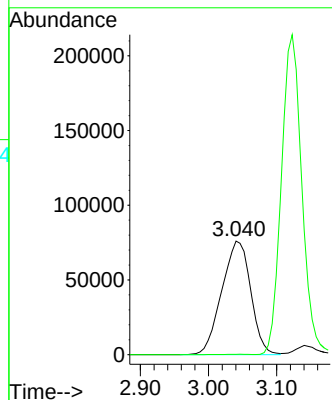
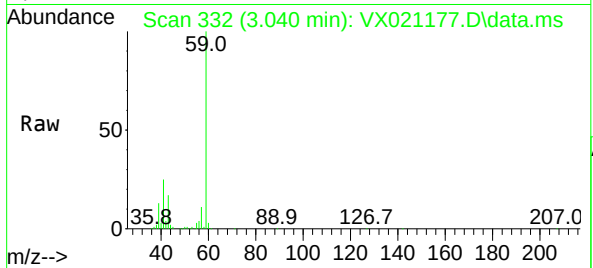
#23
tert-Butyl Alcohol
Concen: 1043.23 ug/l
RT: 3.040 min Scan# 332
Delta R.T. 0.035 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 59 Resp: 224590
Ion Ratio Lower Upper
59 100
52 0.3 0.1 0.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

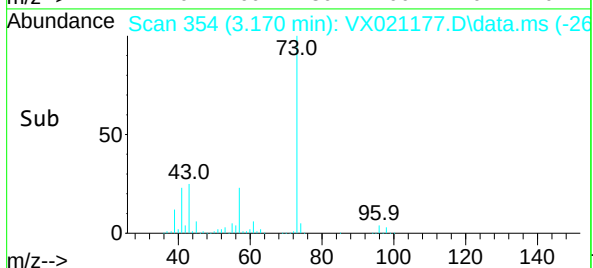
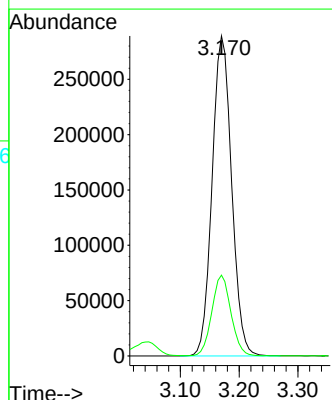
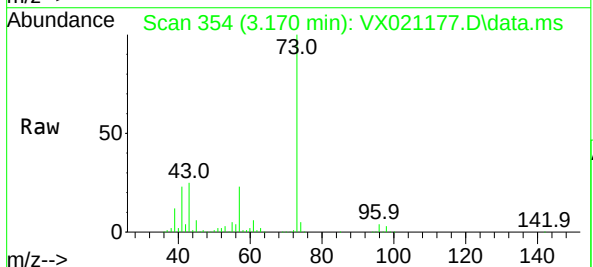
Manual Integrations
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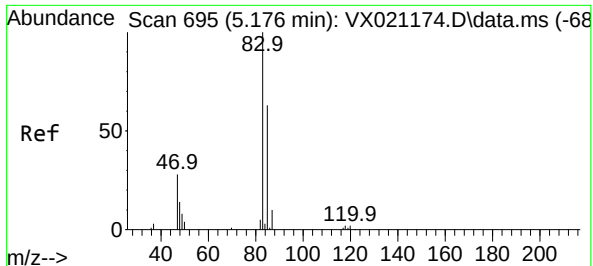
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#24
Methyl tert-Butyl Ether
Concen: 224.50 ug/l
RT: 3.170 min Scan# 354
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

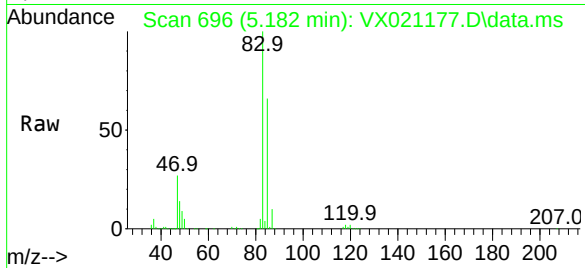
Tgt Ion: 73 Resp: 666361
Ion Ratio Lower Upper
73 100
43 24.7 14.9 22.3#





#25
Chloroform
Concen: 234.20 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

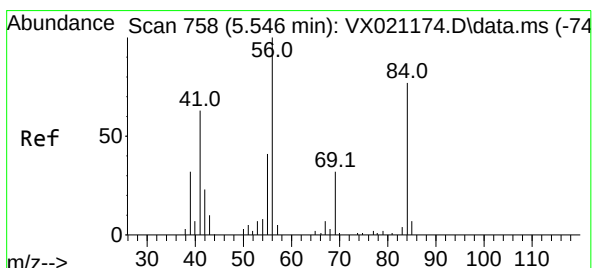
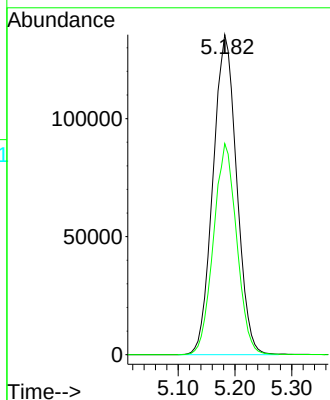
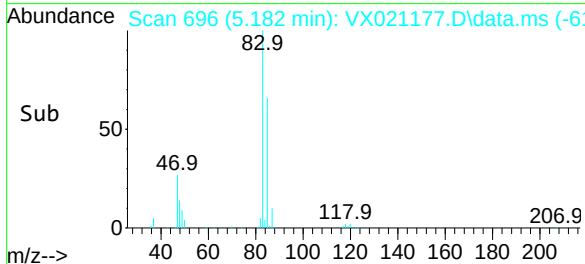
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200



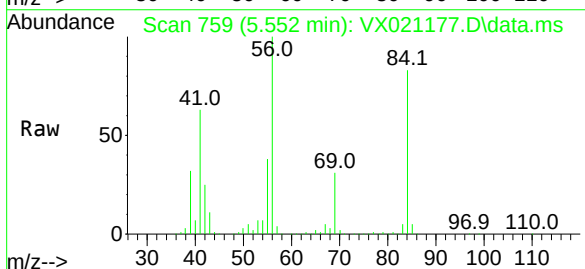
Tgt Ion: 83 Resp: 392395
Ion Ratio Lower Upper
83 100
85 65.9 51.2 76.8

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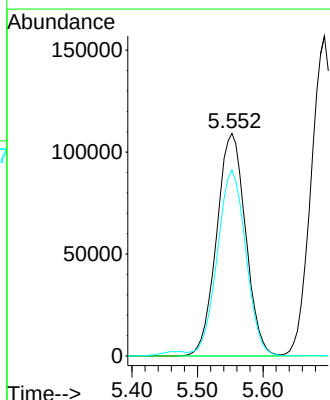
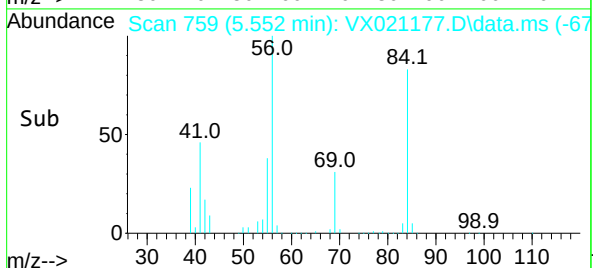
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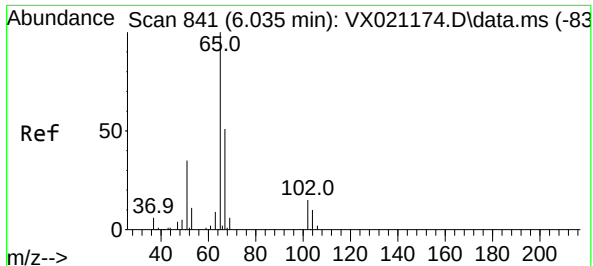


#26
Cyclohexane
Concen: 228.93 ug/l
RT: 5.552 min Scan# 759
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



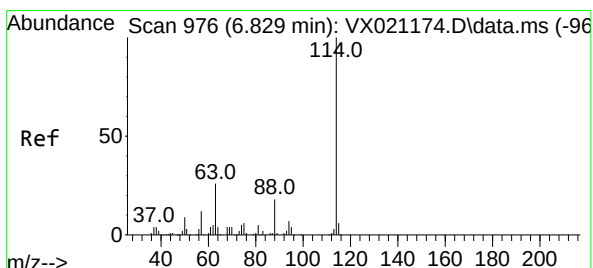
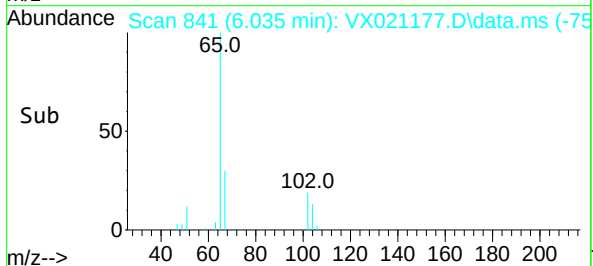
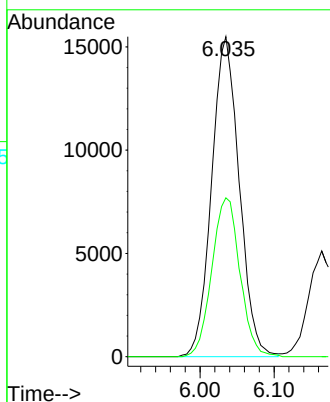
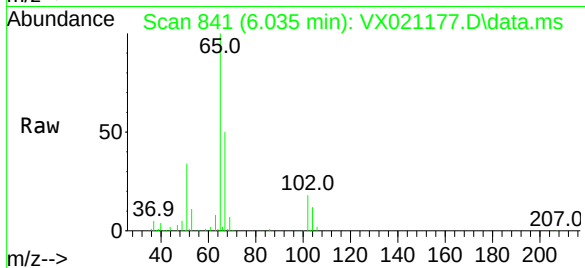
Tgt Ion: 56 Resp: 335129
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.7 74.1 111.1





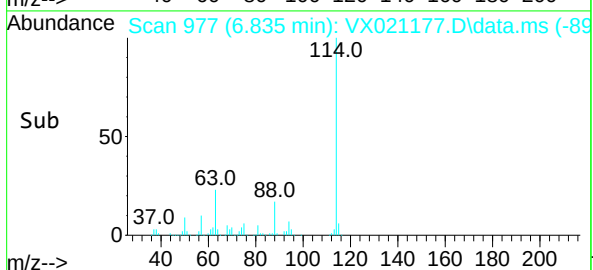
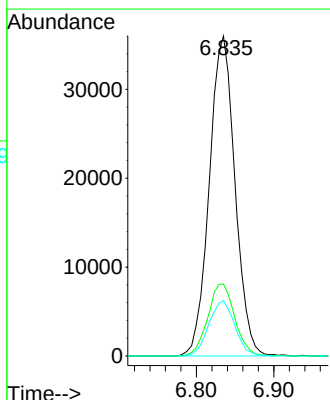
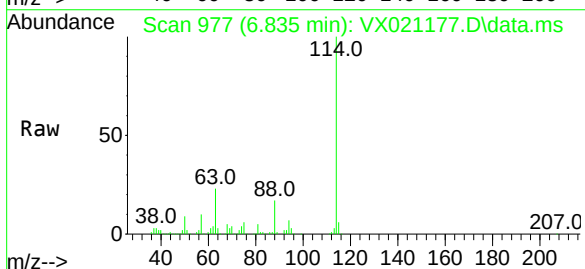
#27
1,2-Dichloroethane-d4
Concen: 36.56 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 65 Resp: 40087
Ion Ratio Lower Upper
65 100
67 50.4 41.9 62.9



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

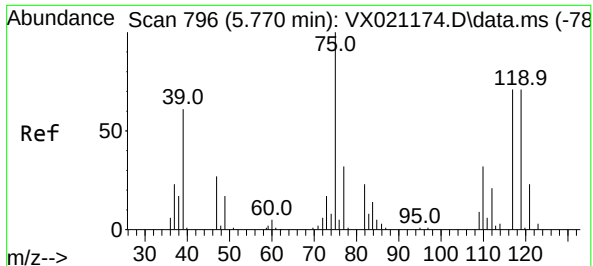
Tgt Ion: 114 Resp: 83076
Ion Ratio Lower Upper
114 100
63 23.6 16.2 24.2
88 17.4 13.0 19.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

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#29

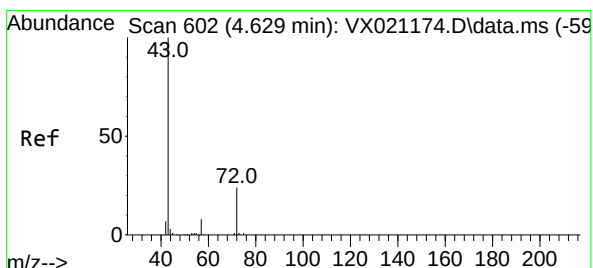
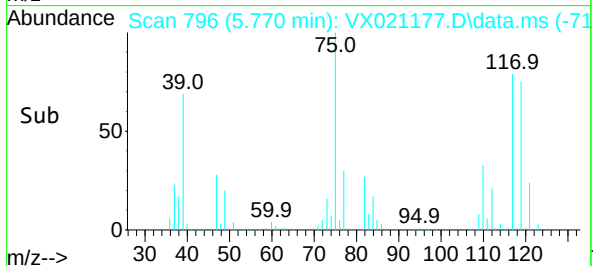
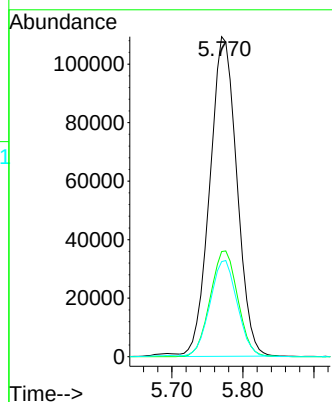
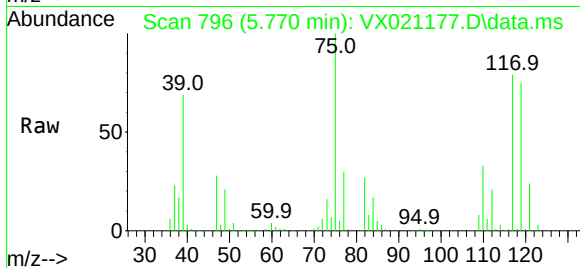
1,1-Dichloropropene
Concen: 225.99 ug/l
RT: 5.770 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 75	Resp: 289059
Ion Ratio	Lower Upper
75 100	
110 33.7	0.0 72.4
77 30.5	0.0 62.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Manual Integrations
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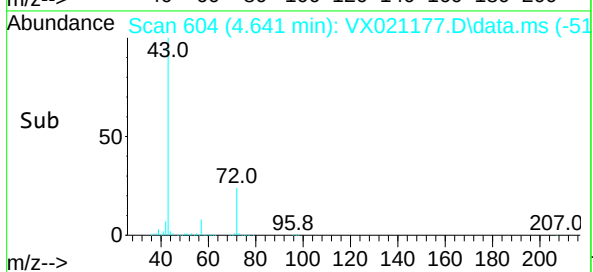
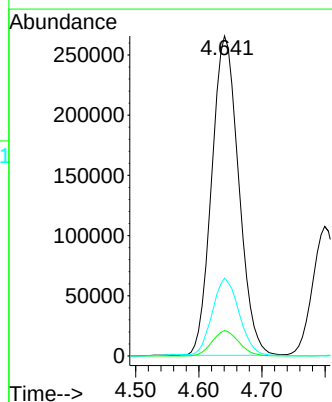
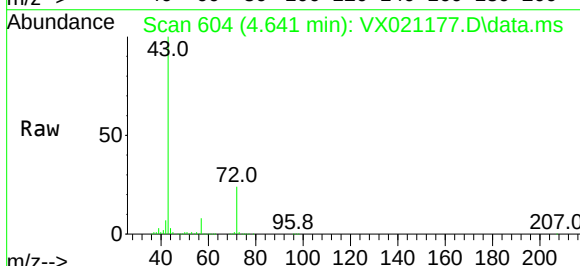
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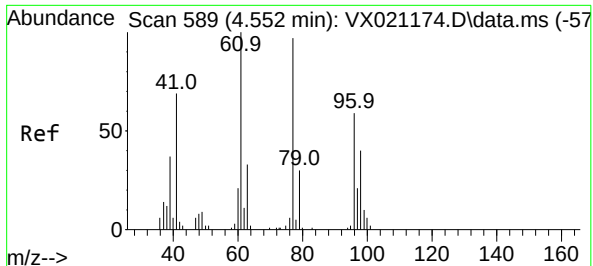


#30

2-Butanone
Concen: 1207.41 ug/l
RT: 4.641 min Scan# 604
Delta R.T. 0.012 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 43	Resp: 787845		
Ion Ratio	Lower	Upper	
43	100		
57	7.9	7.2	10.8
72	24.3	23.7	35.5





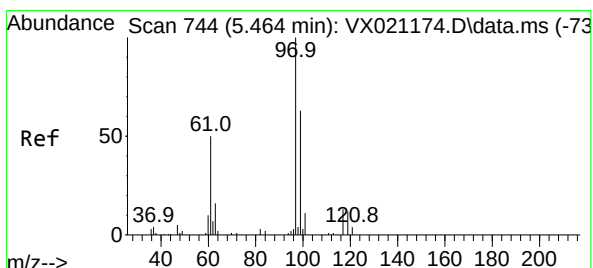
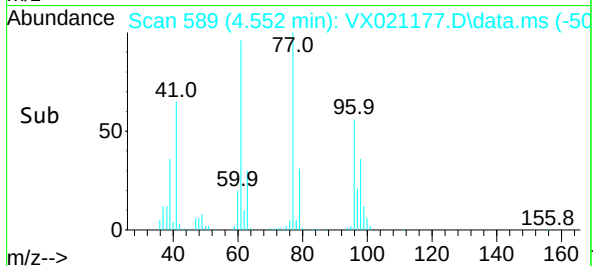
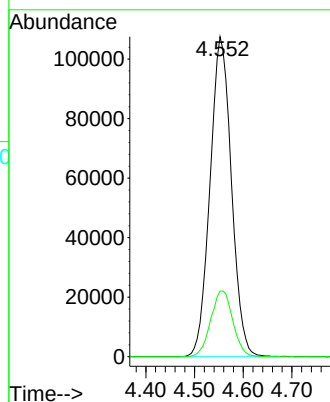
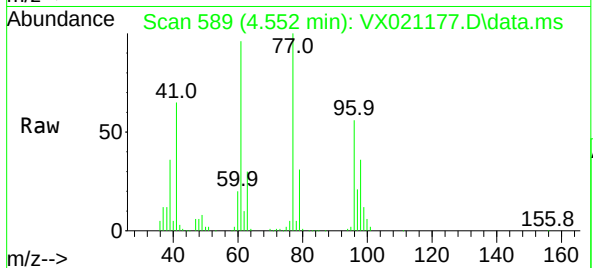
#31
2,2-Dichloropropane
Concen: 223.38 ug/l
RT: 4.552 min Scan# 589
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 77 Resp: 328192
Ion Ratio Lower Upper
77 100
97 21.2 18.6 28.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

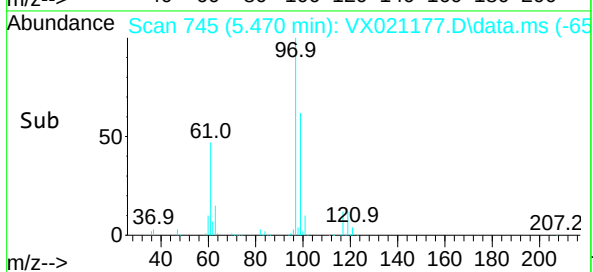
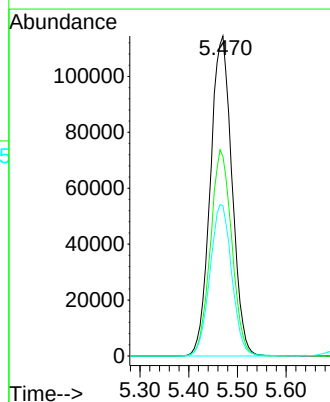
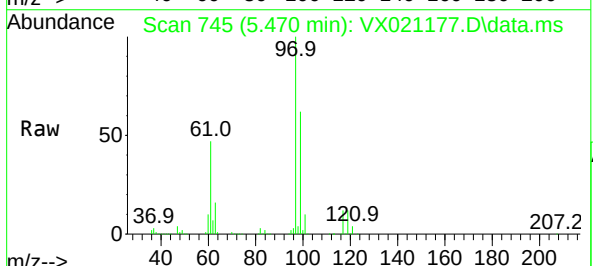
Manual Integrations
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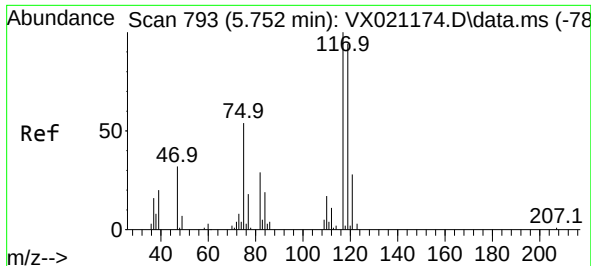
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#32
1,1,1-Trichloroethane
Concen: 240.35 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

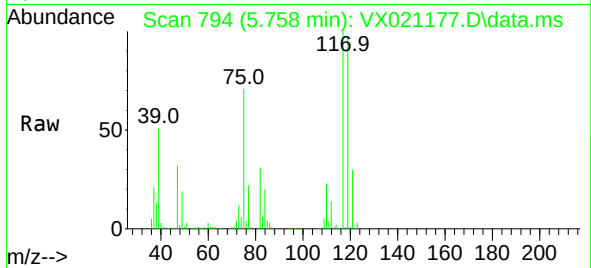
Tgt Ion: 97 Resp: 351827
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 47.8 34.3 51.5





#33
Carbon Tetrachloride
Concen: 243.39 ug/l
RT: 5.758 min Scan# 794
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

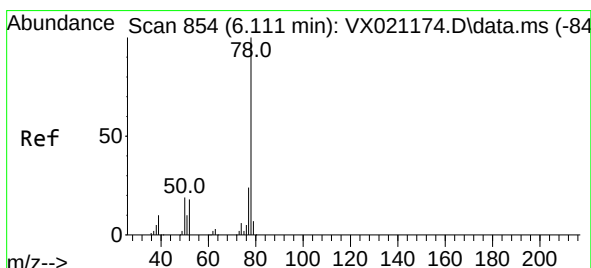
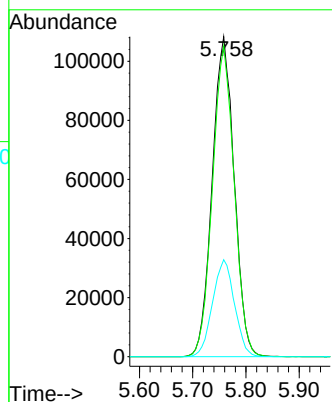
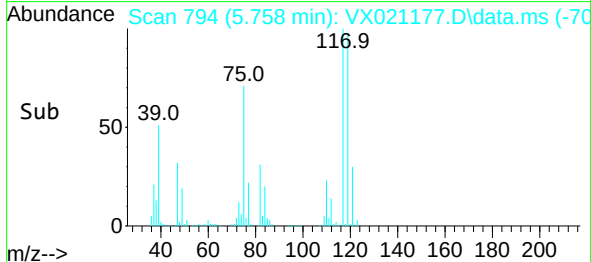
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200



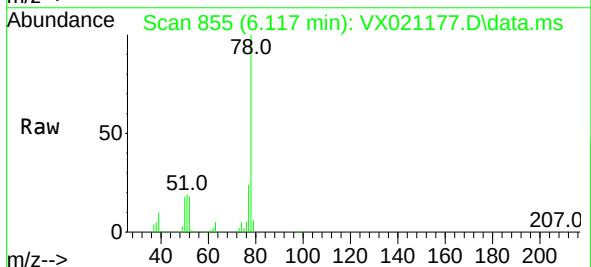
Tgt Ion:117 Resp: 310019
Ion Ratio Lower Upper
117 100
119 97.1 76.1 114.1
121 30.3 24.1 36.1

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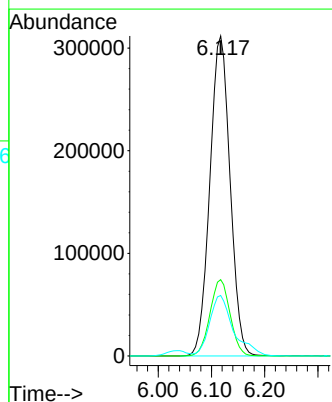
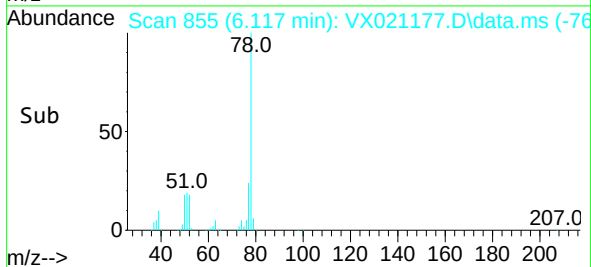
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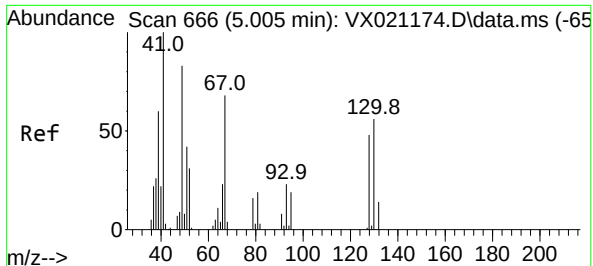


#34
Benzene
Concen: 215.01 ug/l
RT: 6.117 min Scan# 855
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



Tgt Ion: 78 Resp: 821700
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4
51 18.9 12.5 18.7#





#35

Methacrylonitrile

Concen: 261.02 ug/l

RT: 5.011 min Scan# 667

Delta R.T. 0.006 min

Lab File: VX021177.D

Acq: 12 Mar 2021 12:09

Tgt Ion: 41 Resp: 185915

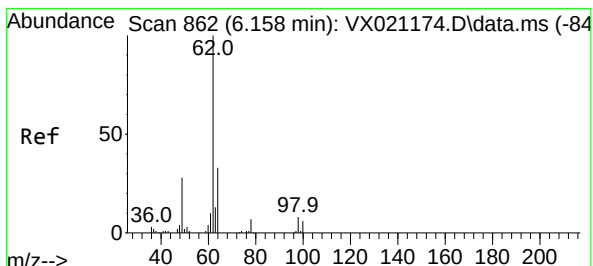
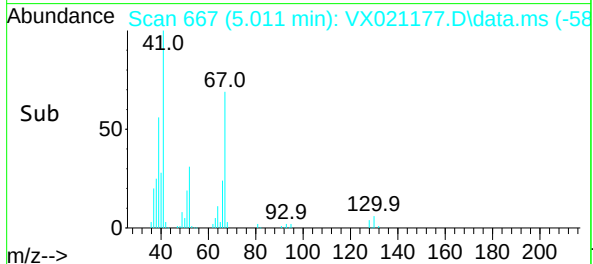
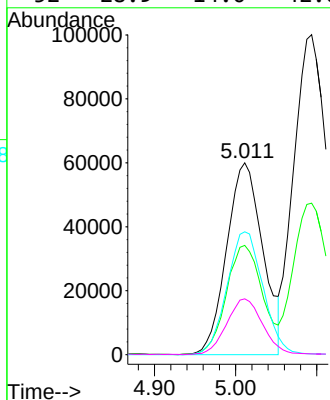
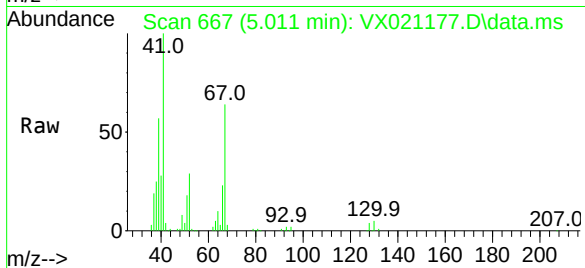
Ion Ratio Lower Upper

41 100

39 56.8 26.8 80.3

67 64.0 39.1 117.2

52 28.9 14.0 42.0



#36

1,2-Dichloroethane

Concen: 252.74 ug/l

RT: 6.164 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX021177.D

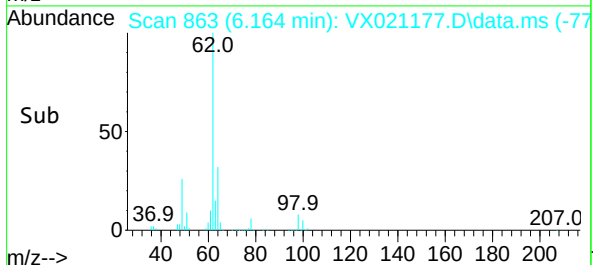
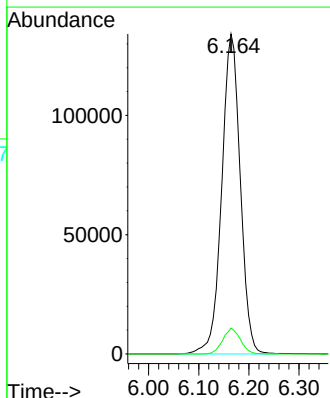
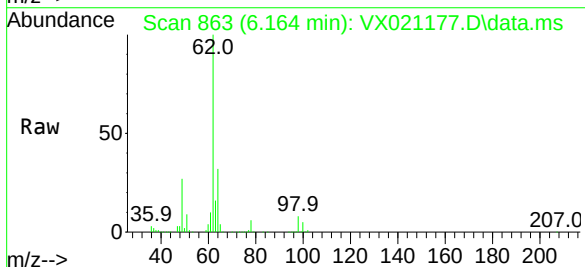
Acq: 12 Mar 2021 12:09

Tgt Ion: 62 Resp: 345010

Ion Ratio Lower Upper

62 100

98 7.6 8.1 12.1#



Instrument :

MSVOA_X

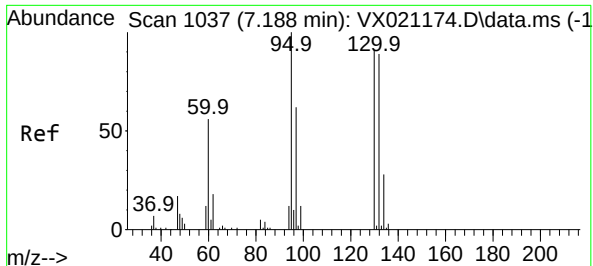
ClientSampleId :

VSTDIC200

Manual Integrations

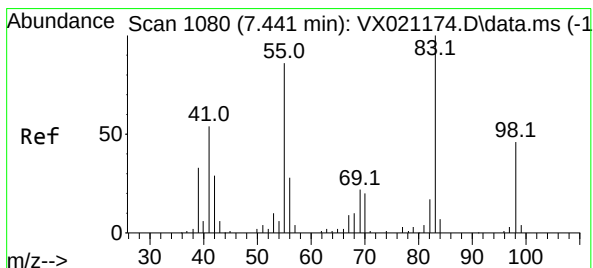
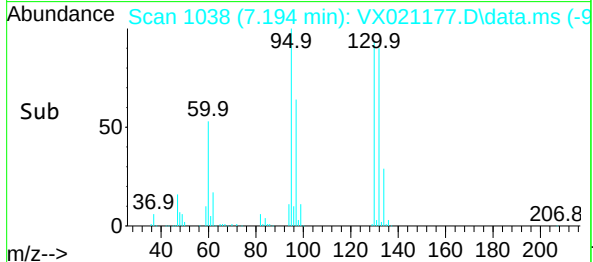
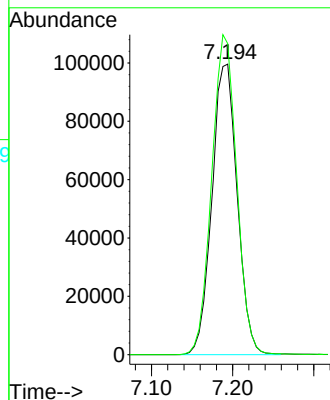
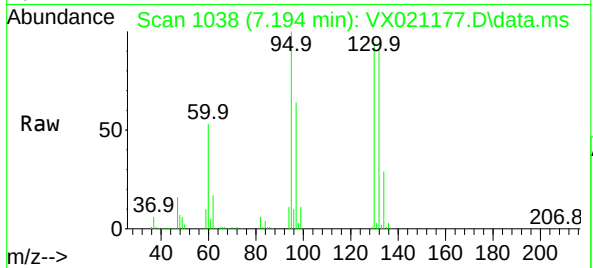
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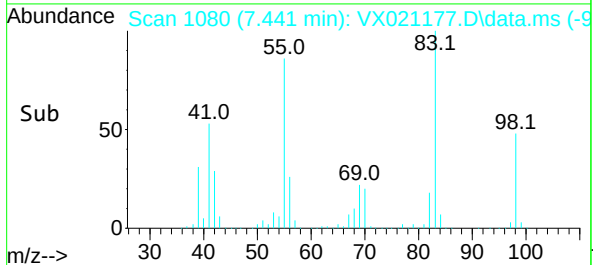
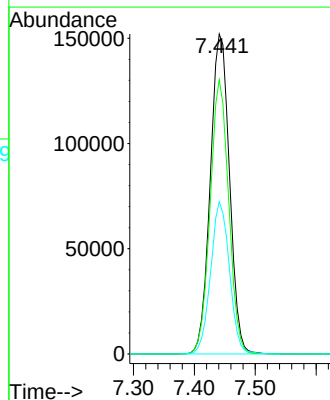
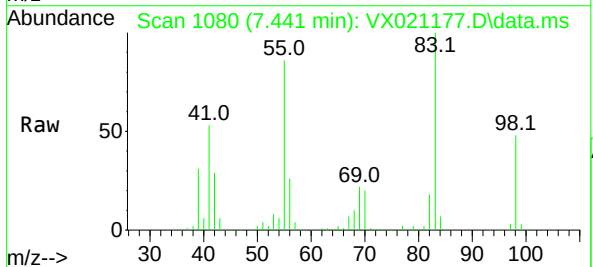
#37
Trichloroethene
Concen: 211.07 ug/l
RT: 7.194 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion:130 Resp: 215884
Ion Ratio Lower Upper
130 100
95 107.0 80.2 120.4



#38
Methylcyclohexane
Concen: 210.78 ug/l
RT: 7.441 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

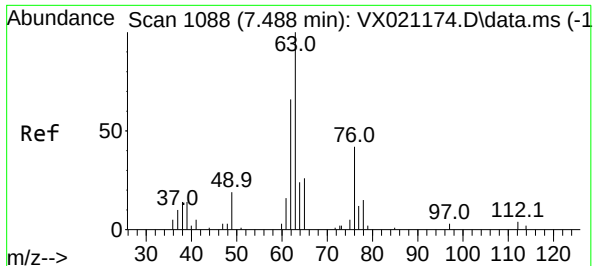
Tgt Ion: 83 Resp: 333224
Ion Ratio Lower Upper
83 100
55 82.7 37.4 112.1
98 46.6 24.7 74.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Manual Integrations
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#39

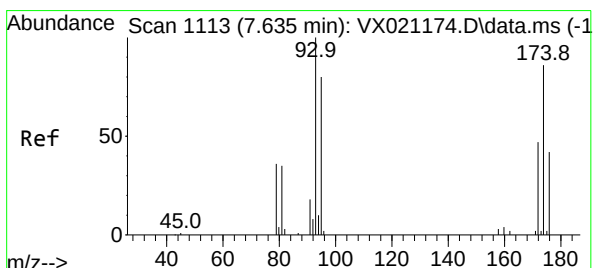
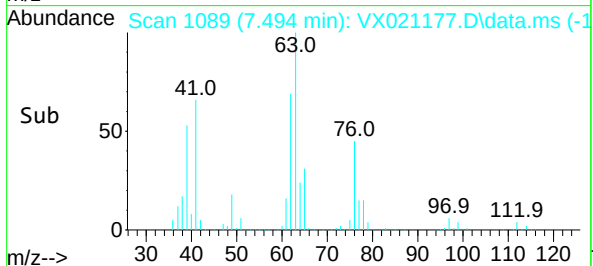
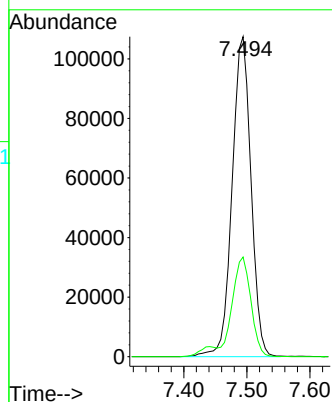
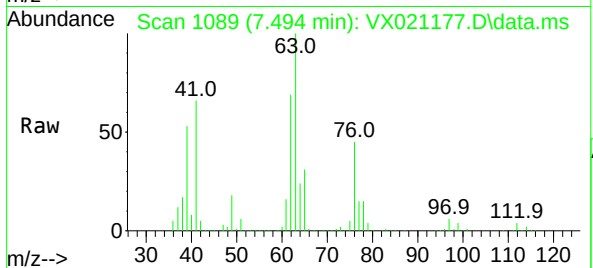
1,2-Dichloropropane
Concen: 230.74 ug/l
RT: 7.494 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 63 Resp: 223105
Ion Ratio Lower Upper
63 100
65 31.2 25.6 38.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

Manual Integrations
APPROVED

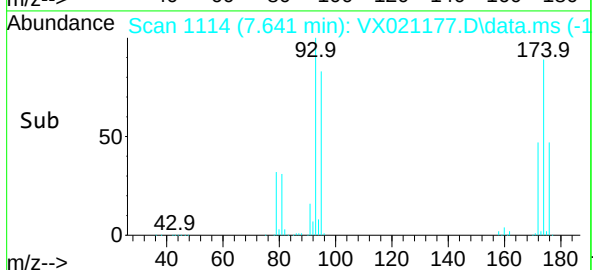
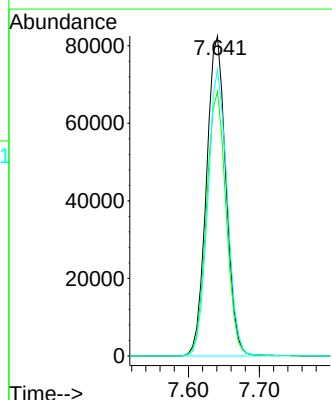
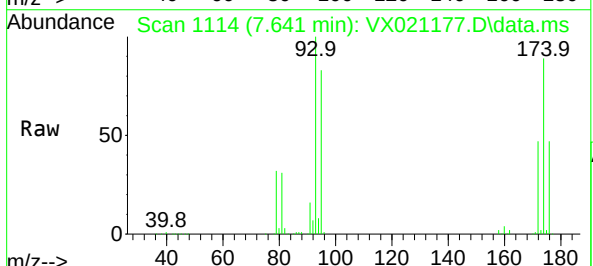
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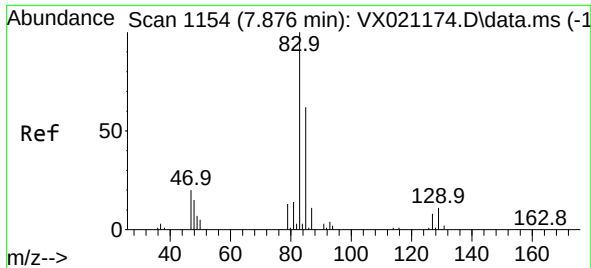


#40

Dibromomethane
Concen: 236.50 ug/l
RT: 7.641 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 93 Resp: 157734
Ion Ratio Lower Upper
93 100
95 83.1 0.0 167.4
174 88.9 0.0 211.8





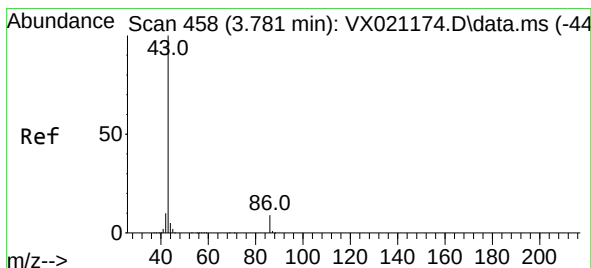
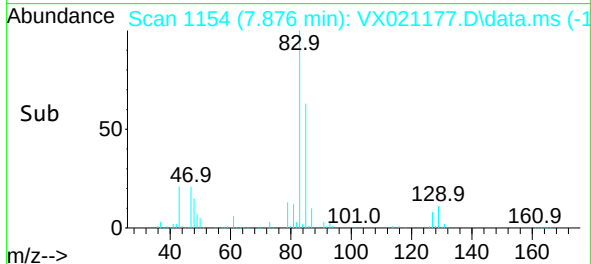
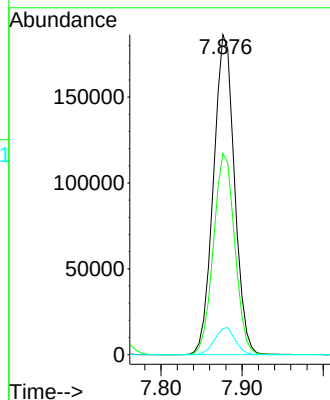
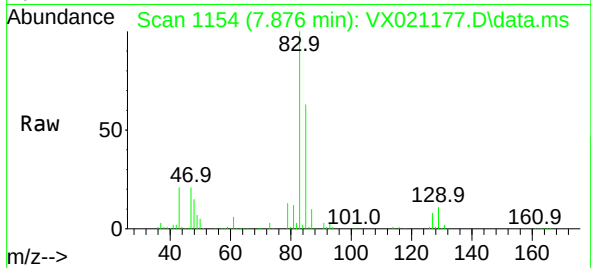
#41
Bromodichloromethane
Concen: 240.86 ug/l
RT: 7.876 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 83 Resp: 335745
Ion Ratio Lower Upper
83 100
85 62.8 51.4 77.0
127 8.1 7.1 10.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

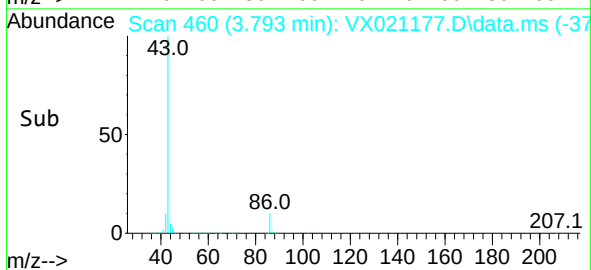
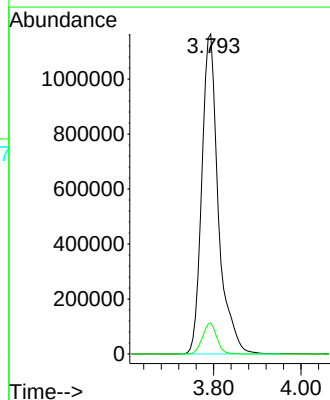
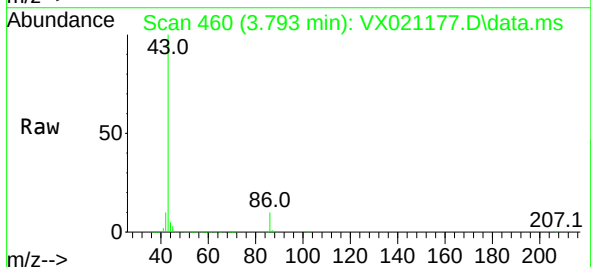
Manual Integrations
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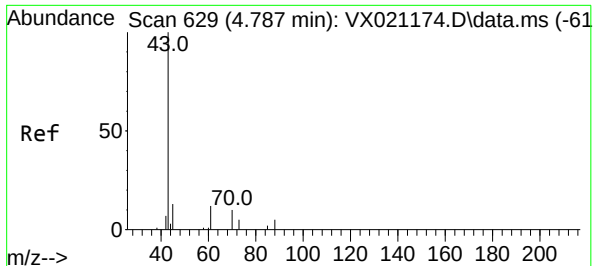
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#42
Vinyl Acetate
Concen: 1256.71 ug/l
RT: 3.793 min Scan# 460
Delta R.T. 0.012 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 43 Resp: 3067278
Ion Ratio Lower Upper
43 100
86 8.4 9.0 13.4#





#43

Ethyl Acetate

Concen: 249.34 ug/l

RT: 4.799 min Scan# 631

Delta R.T. 0.012 min

Lab File: VX021177.D

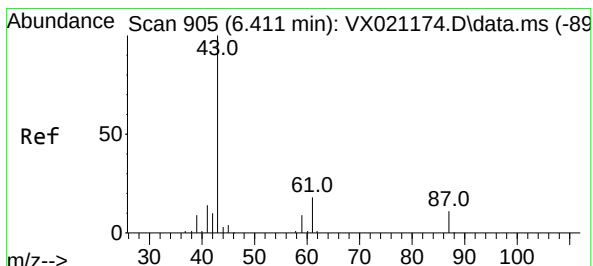
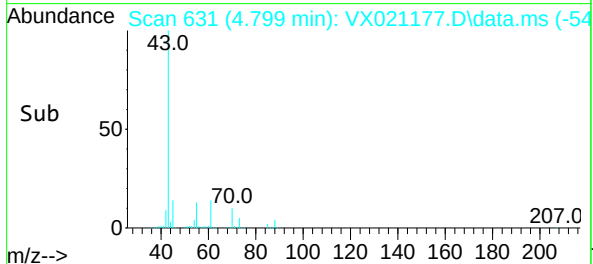
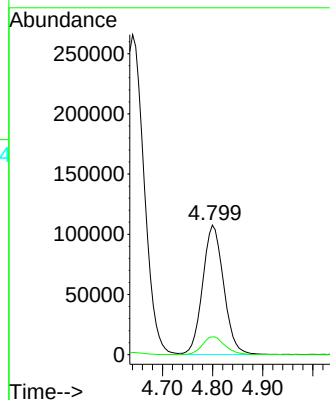
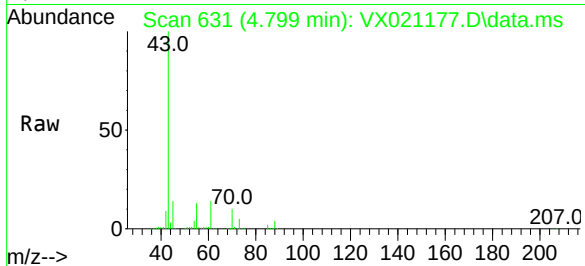
Acq: 12 Mar 2021 12:09

Tgt Ion: 43 Resp: 313920

Ion Ratio Lower Upper

43 100

45 14.9 12.2 18.4



#44

Isopropyl Acetate

Concen: 258.21 ug/l

RT: 6.417 min Scan# 906

Delta R.T. 0.006 min

Lab File: VX021177.D

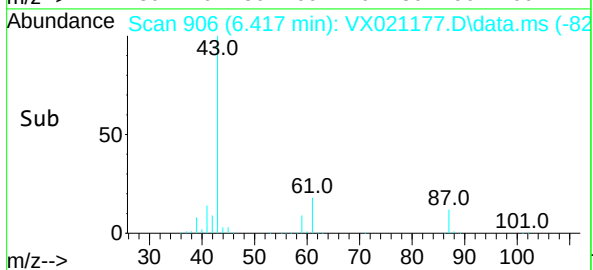
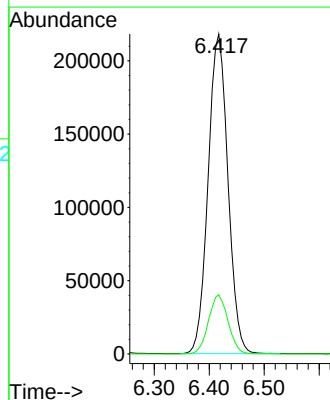
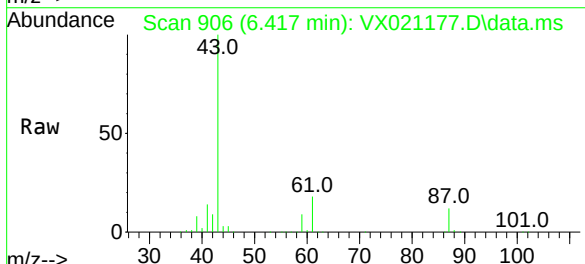
Acq: 12 Mar 2021 12:09

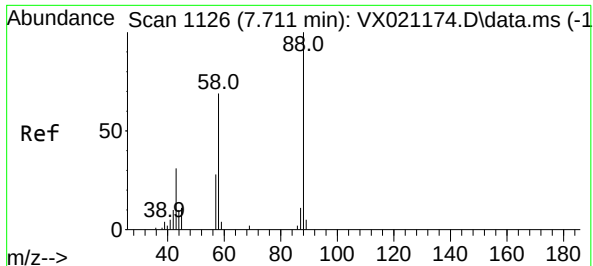
Tgt Ion: 43 Resp: 546350

Ion Ratio Lower Upper

43 100

61 18.3 18.1 27.1





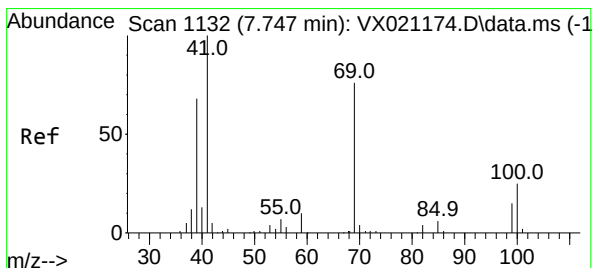
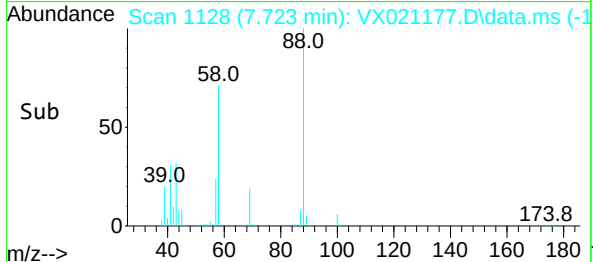
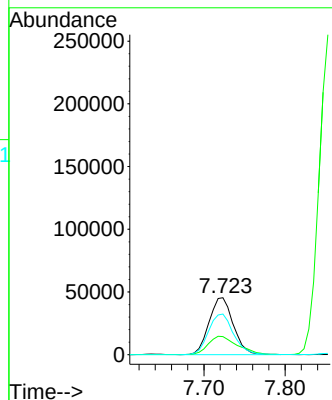
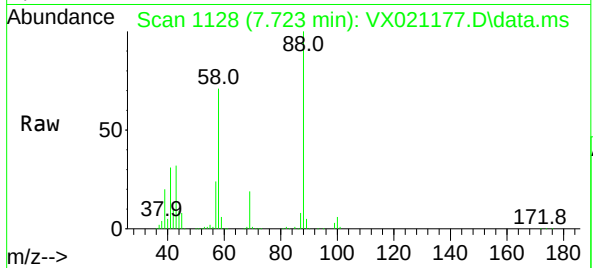
#45
1,4-Dioxane
Concen: 3983.03 ug/l
RT: 7.723 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 88 Resp: 93994
Ion Ratio Lower Upper
88 100
43 38.6 22.2 33.2#
58 74.1 53.9 80.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

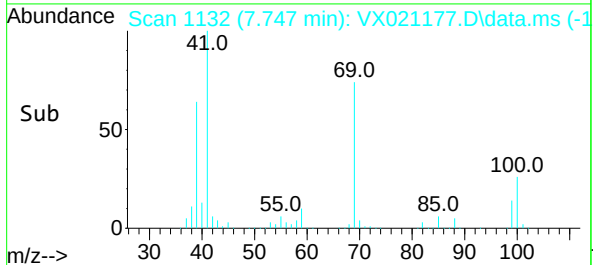
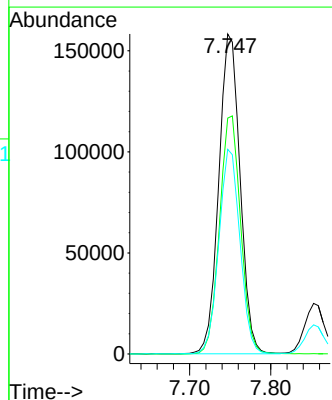
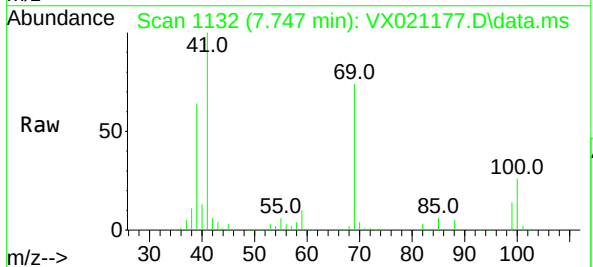
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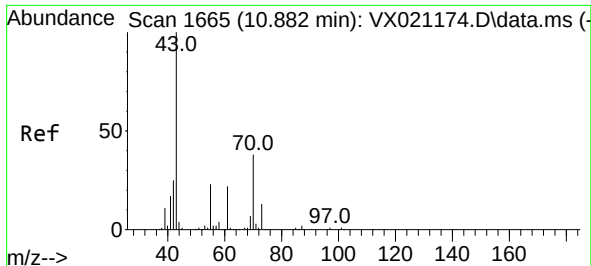
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#46
Methyl methacrylate
Concen: 270.14 ug/l
RT: 7.747 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 41 Resp: 288981
Ion Ratio Lower Upper
41 100
69 73.7 46.9 140.6
39 63.9 28.0 83.9





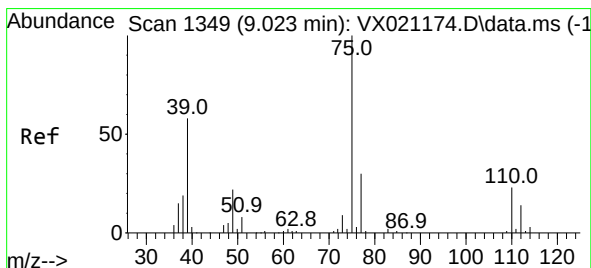
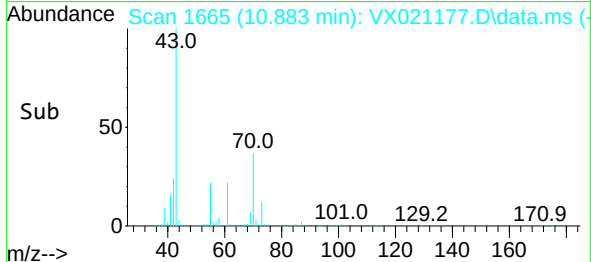
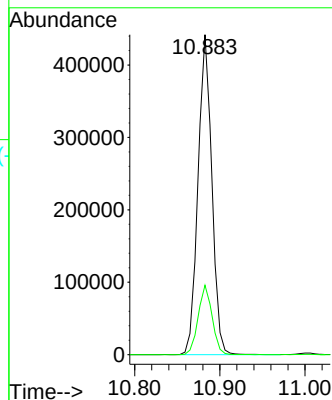
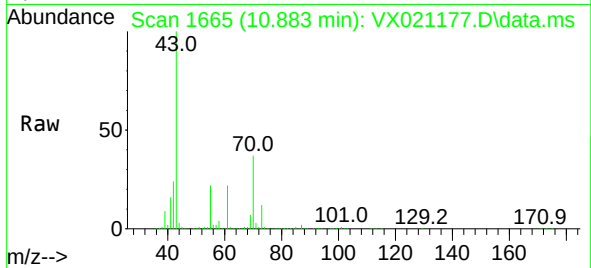
#47
n-amy1 Acetate
Concen: 279.03 ug/l
RT: 10.883 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 43 Resp: 496583
Ion Ratio Lower Upper
43 100
55 21.8 21.8 32.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

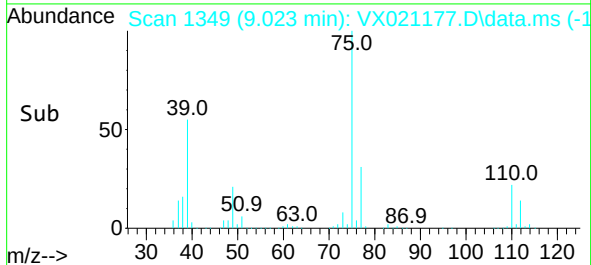
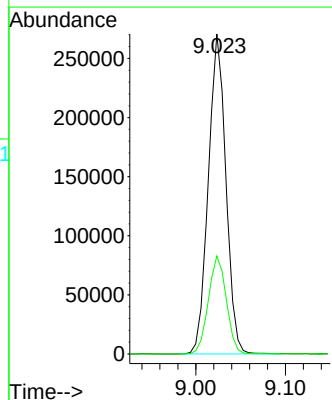
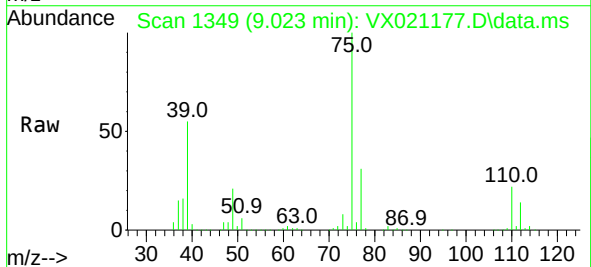
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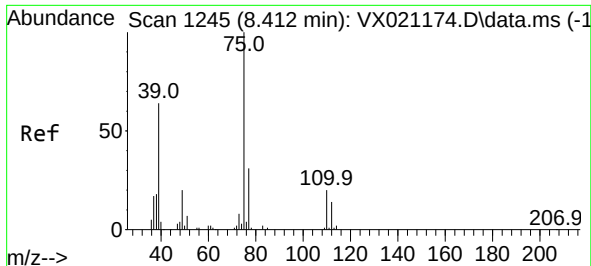
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#48
t-1,3-Dichloropropene
Concen: 240.96 ug/l
RT: 9.023 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

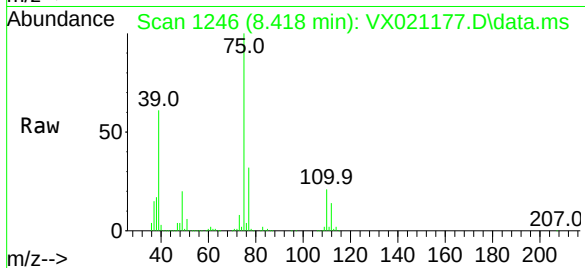
Tgt Ion: 75 Resp: 367865
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.6





#49
cis-1,3-Dichloropropene
Concen: 229.69 ug/l
RT: 8.418 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

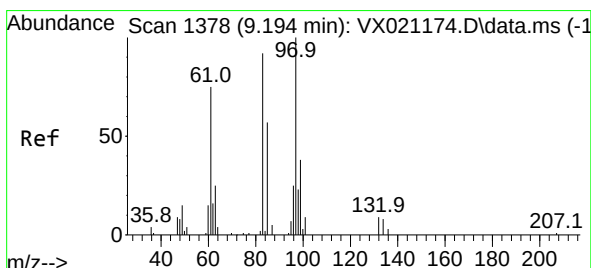
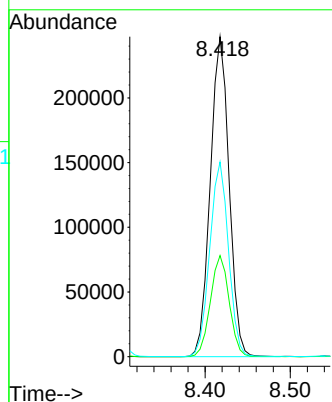
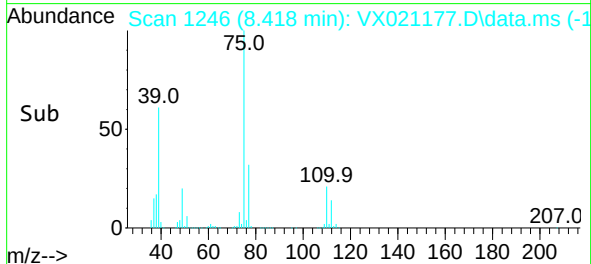
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200



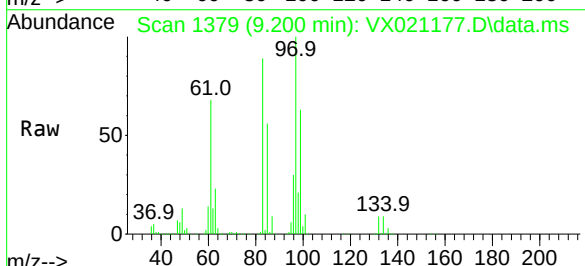
Tgt Ion: 75 Resp: 380251
Ion Ratio Lower Upper
75 100
77 31.6 24.4 36.6
39 60.8 35.4 53.0#

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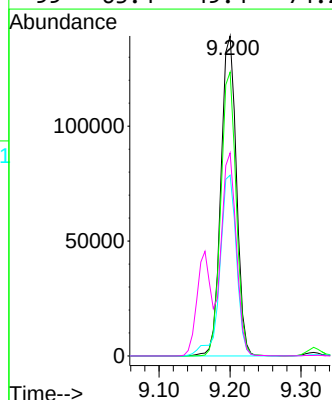
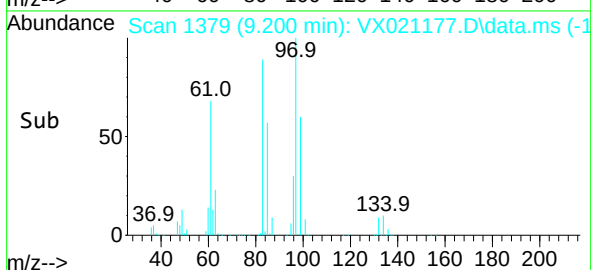
MMDadoda
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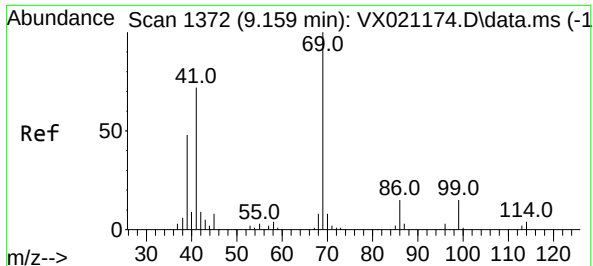


#50
1,1,2-Trichloroethane
Concen: 220.15 ug/l
RT: 9.200 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

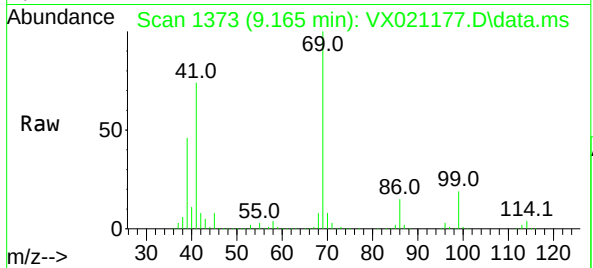


Tgt Ion: 97 Resp: 210684
Ion Ratio Lower Upper
97 100
83 88.7 68.5 102.7
85 56.5 43.8 65.6
99 63.4 49.4 74.2

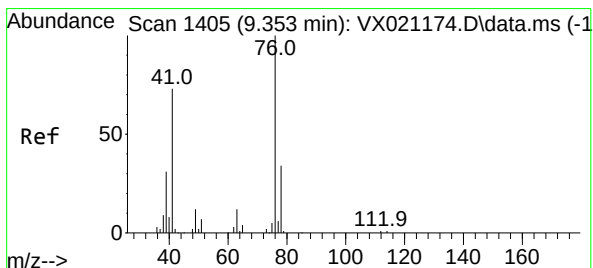
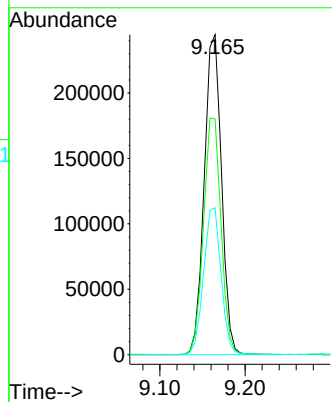
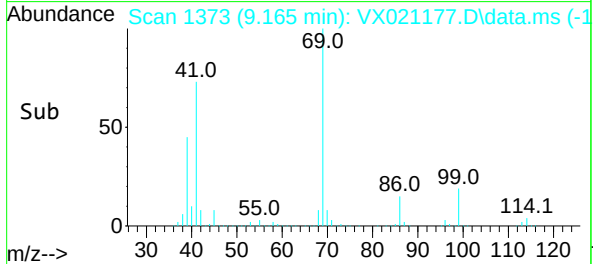




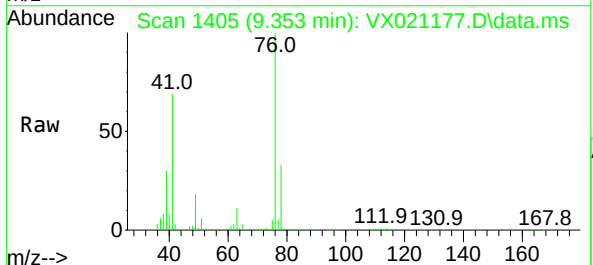
#51
Ethyl methacrylate
Concen: 227.81 ug/l
RT: 9.165 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



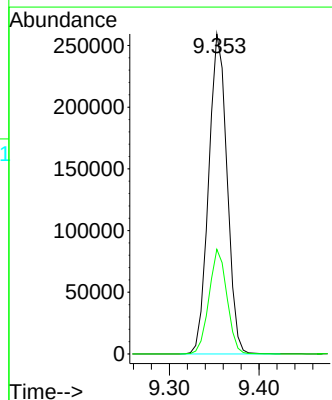
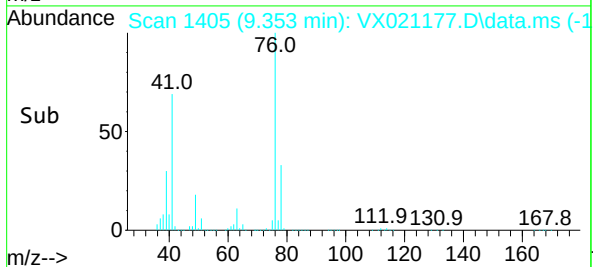
Tgt Ion: 69 Resp: 345237
Ion Ratio Lower Upper
69 100
41 73.6 29.1 87.4
39 45.8 15.4 46.1



#52
1,3-Dichloropropane
Concen: 225.52 ug/l
RT: 9.353 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



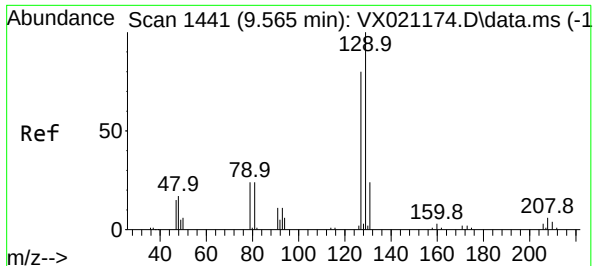
Tgt Ion: 76 Resp: 368249
Ion Ratio Lower Upper
76 100
78 31.9 0.0 66.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

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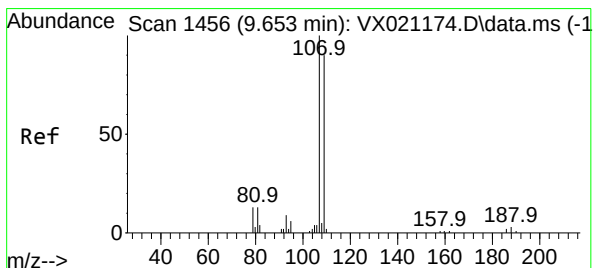
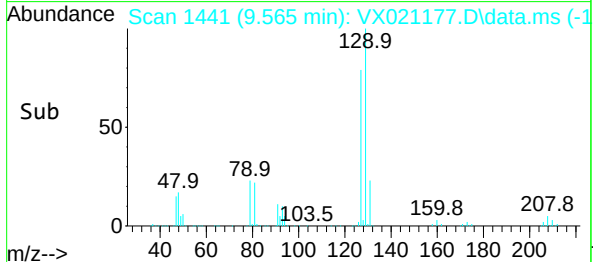
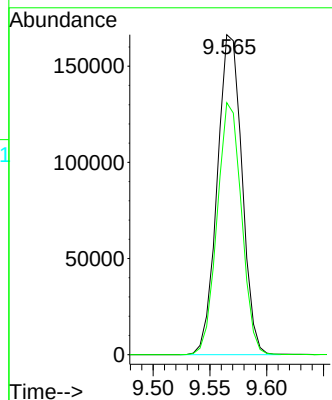
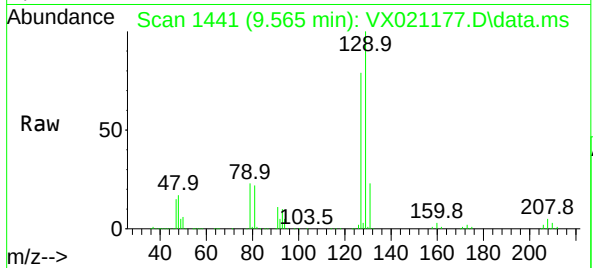
#53
Dibromochloromethane
Concen: 243.38 ug/l
RT: 9.565 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion:129 Resp: 252335
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

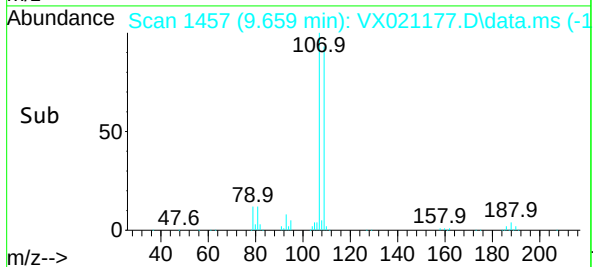
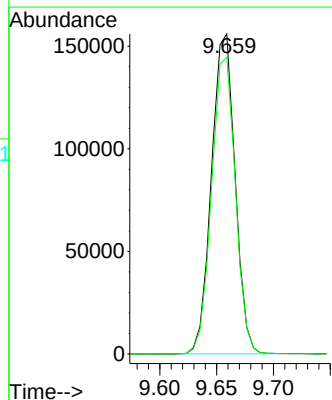
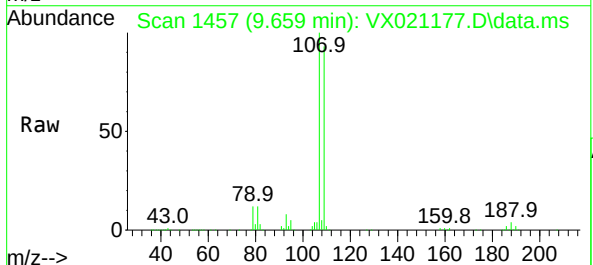
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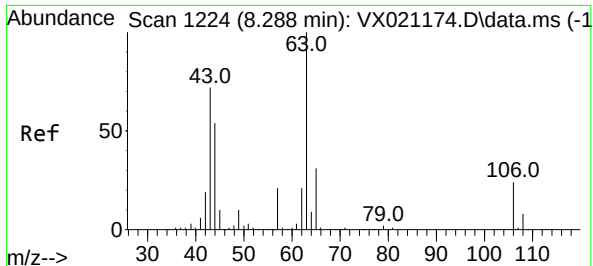
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#54
1,2-Dibromoethane
Concen: 224.29 ug/l
RT: 9.659 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

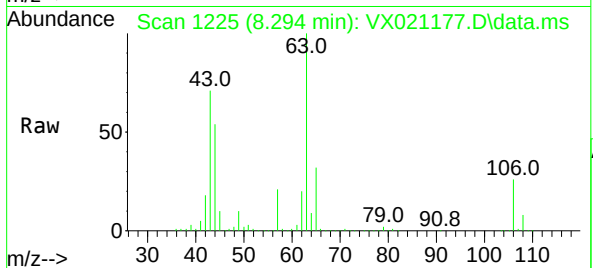
Tgt Ion:107 Resp: 225396
Ion Ratio Lower Upper
107 100
109 93.6 73.6 110.4





#55
2-Chloroethyl vinyl ether
Concen: 1197.13 ug/l
RT: 8.294 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

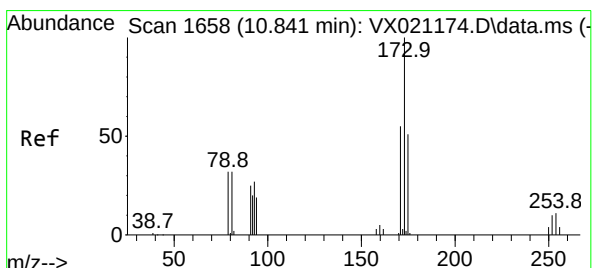
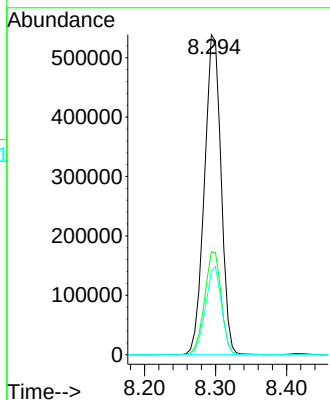
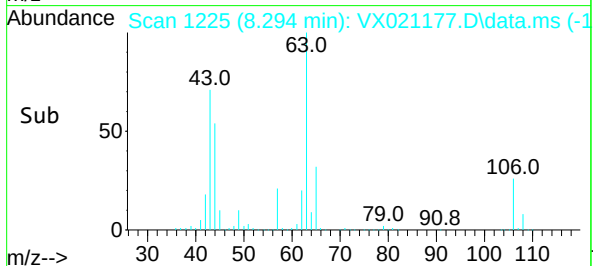
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200



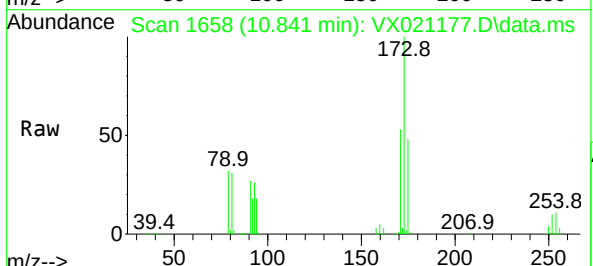
Tgt Ion: 63 Resp: 878454
Ion Ratio Lower Upper
63 100
65 32.2 25.9 38.9
106 26.8 23.9 35.9

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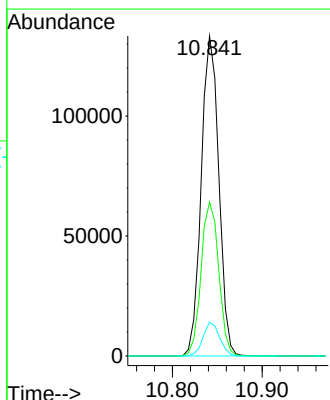
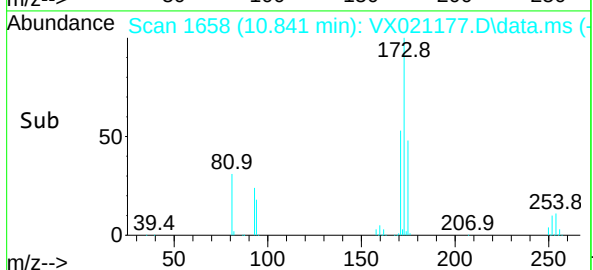
MMDadoda
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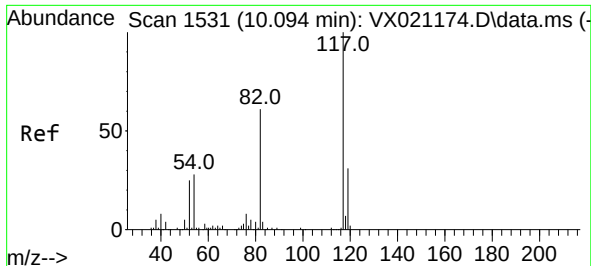


#56
Bromoform
Concen: 249.84 ug/l
RT: 10.841 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



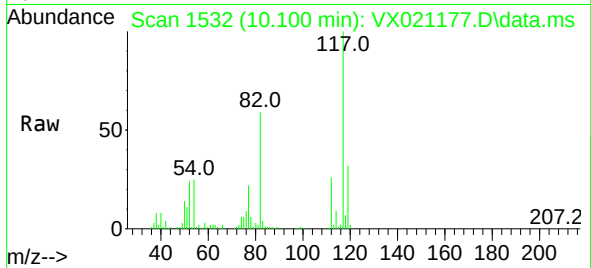
Tgt Ion: 173 Resp: 181090
Ion Ratio Lower Upper
173 100
175 48.3 38.1 57.1
254 10.0 8.2 12.4





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.100 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

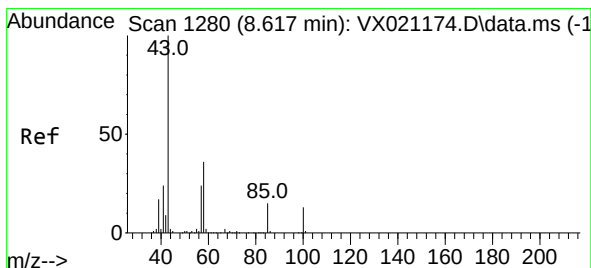
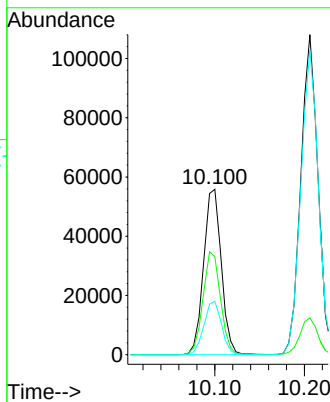
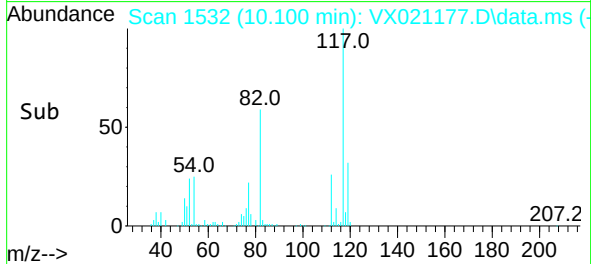
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200



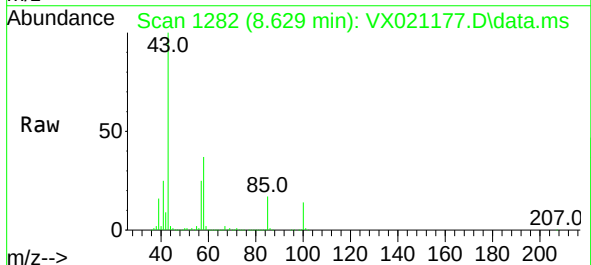
Tgt Ion: 117 Resp: 76696
Ion Ratio Lower Upper
117 100
82 61.3 45.0 67.6
119 32.1 25.6 38.4

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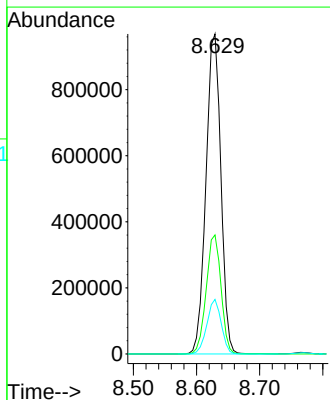
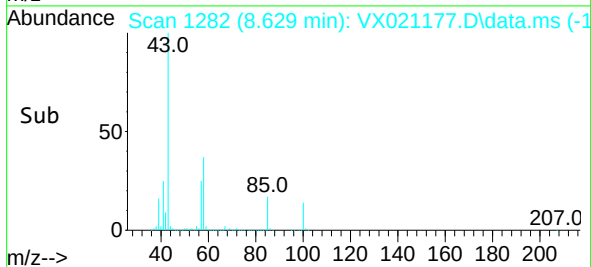
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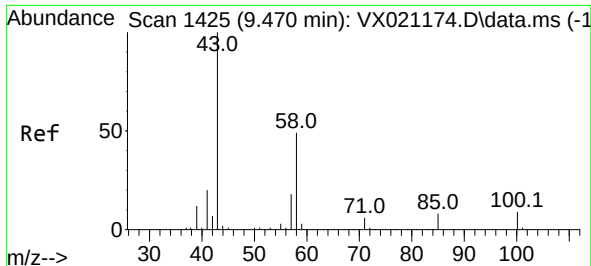


#58
4-Methyl-2-Pentanone
Concen: 1229.36 ug/l
RT: 8.629 min Scan# 1282
Delta R.T. 0.012 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



Tgt Ion: 43 Resp: 1589959
Ion Ratio Lower Upper
43 100
58 36.9 35.2 52.8
85 16.4 16.8 25.2#





#59
2-Hexanone
Concen: 1235.55 ug/l
RT: 9.476 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

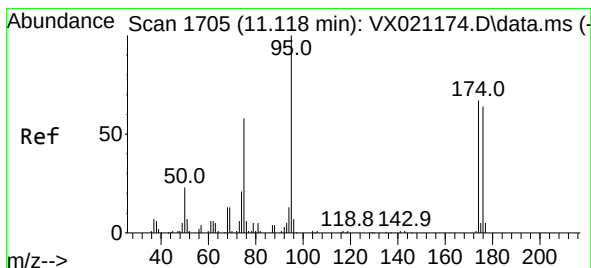
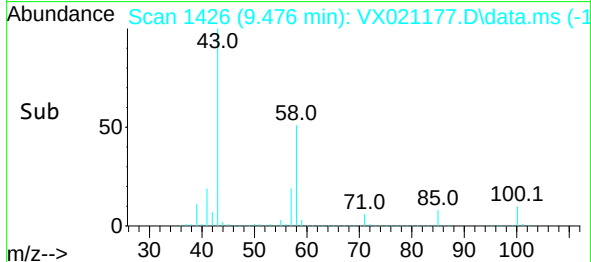
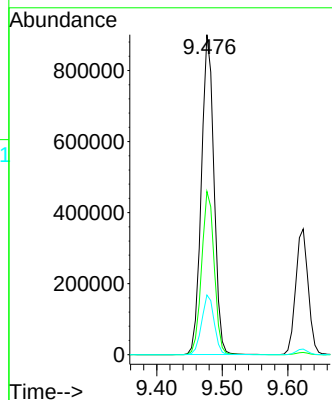
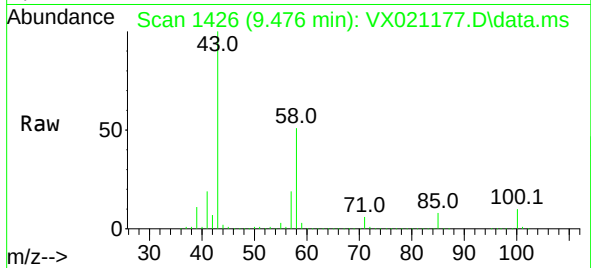
Tgt Ion: 43 Resp: 1205970

Ion	Ratio	Lower	Upper
43	100		
58	51.1	49.0	73.6
57	18.6	17.1	25.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

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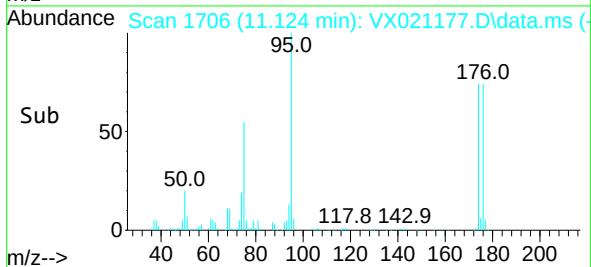
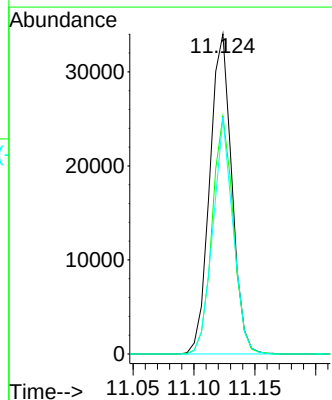
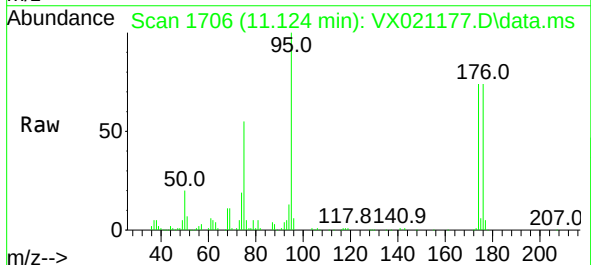
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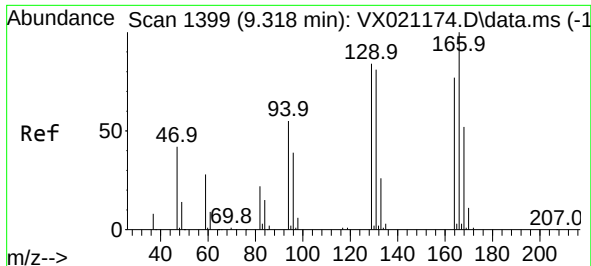


#60
4-Bromofluorobenzene
Concen: 32.94 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 95 Resp: 42772

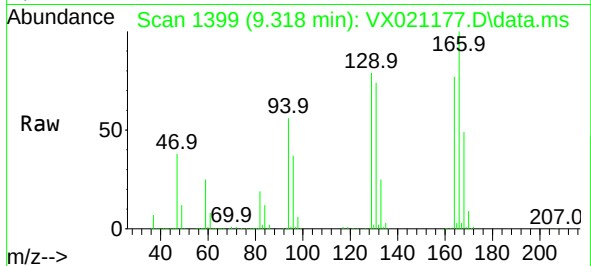
Ion	Ratio	Lower	Upper
95	100		
174	71.6	63.0	94.4
176	67.9	59.9	89.9





#61
Tetrachloroethene
Concen: 226.98 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

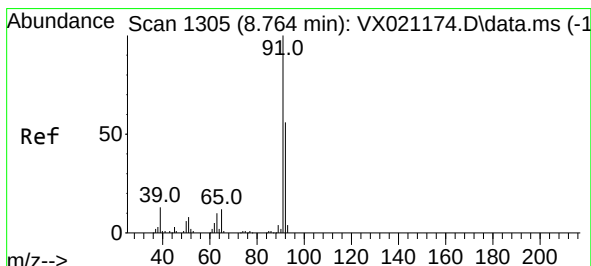
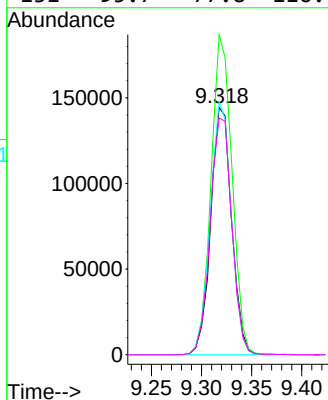
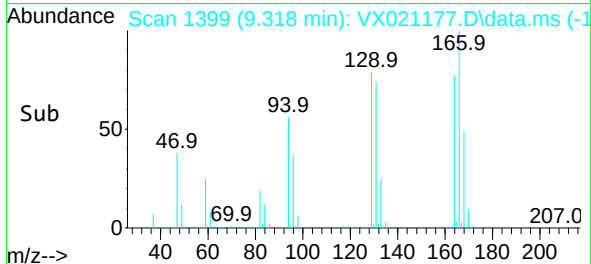
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200



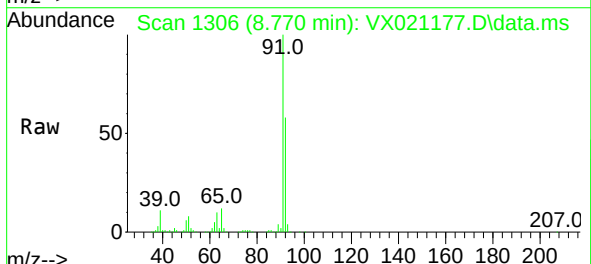
Tgt Ion:164 Resp: 209114
Ion Ratio Lower Upper
164 100
166 129.4 102.8 154.2
129 102.4 75.8 113.8
131 95.7 77.8 116.6

Manual Integrations
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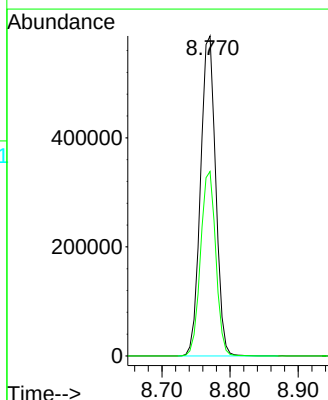
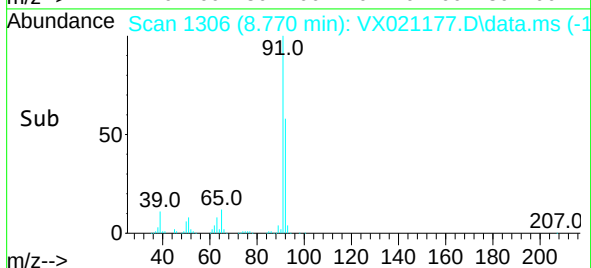
MMDadoda
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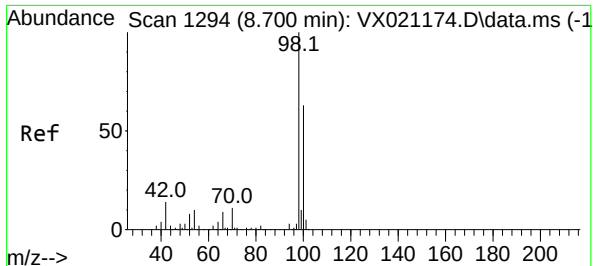


#62
Toluene
Concen: 212.54 ug/l
RT: 8.770 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



Tgt Ion: 91 Resp: 906326
Ion Ratio Lower Upper
91 100
92 58.0 47.2 70.8





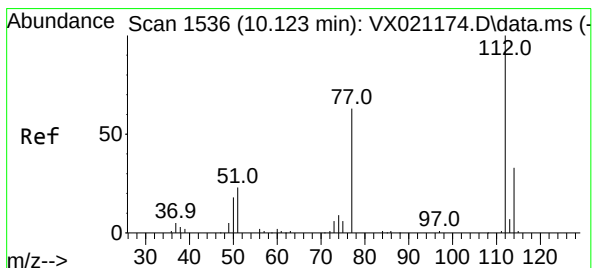
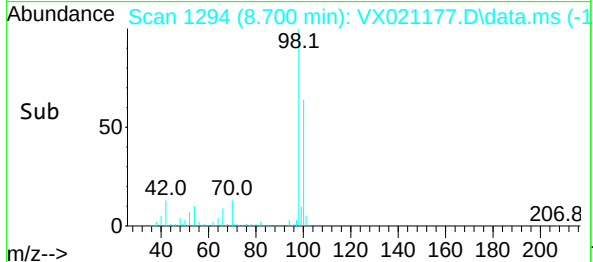
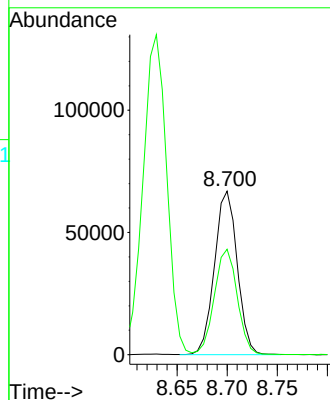
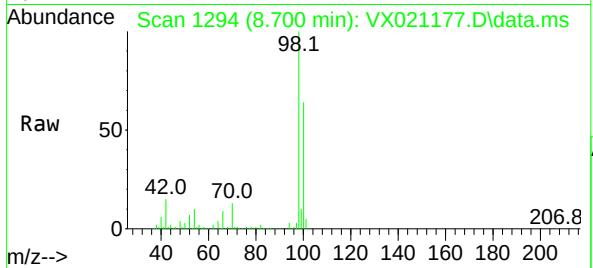
#63
Toluene-d8
Concen: 30.22 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 98 Resp: 105695
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

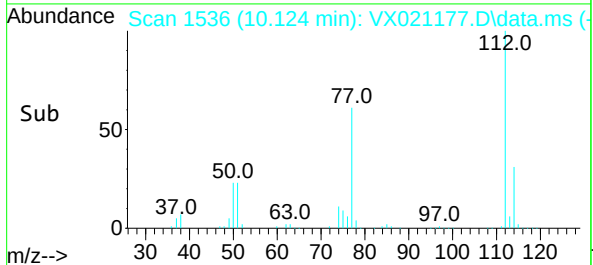
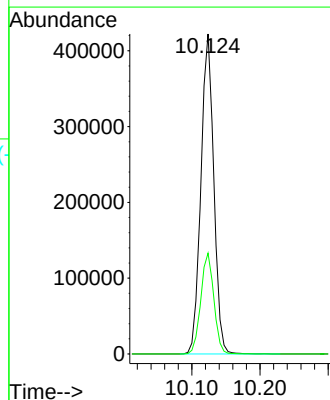
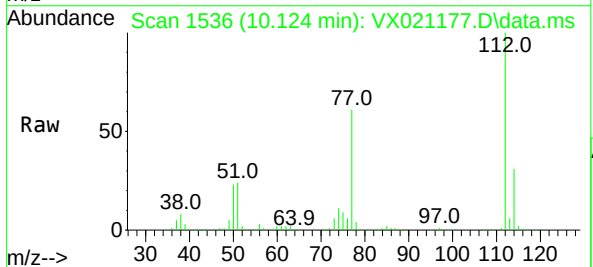
Manual Integrations
APPROVED

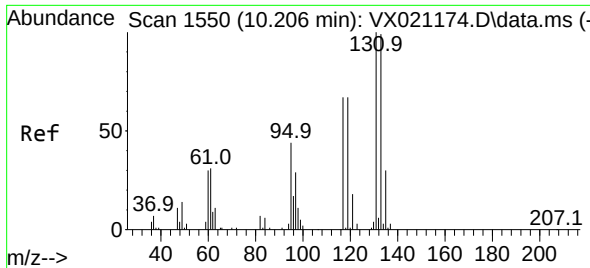
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#64
Chlorobenzene
Concen: 211.32 ug/l
RT: 10.124 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

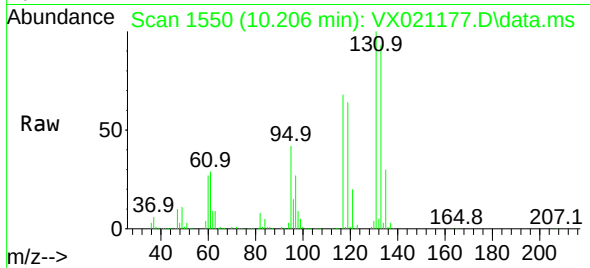
Tgt Ion: 112 Resp: 553442
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 218.09 ug/l
RT: 10.206 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

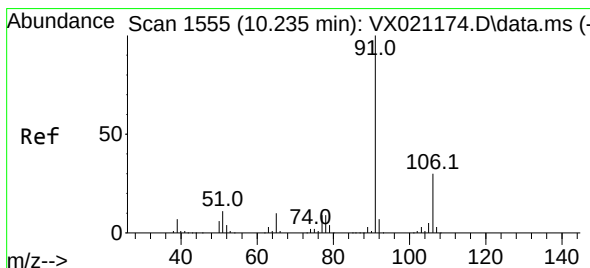
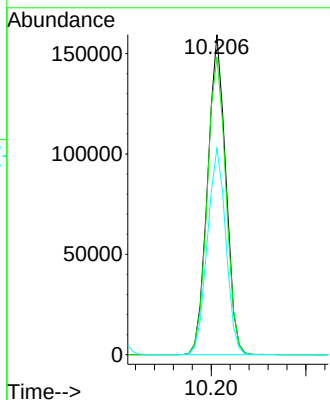
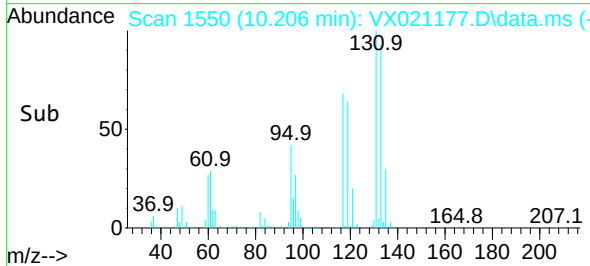
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200



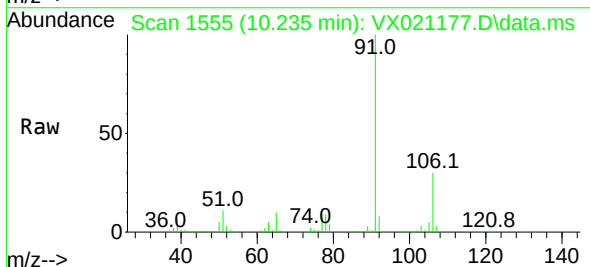
Tgt Ion:131 Resp: 211660
Ion Ratio Lower Upper
131 100
133 95.3 0.0 189.6
119 65.6 0.0 129.0

Manual Integrations
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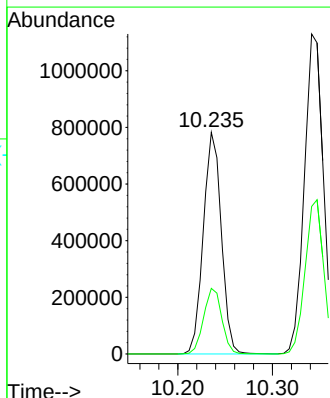
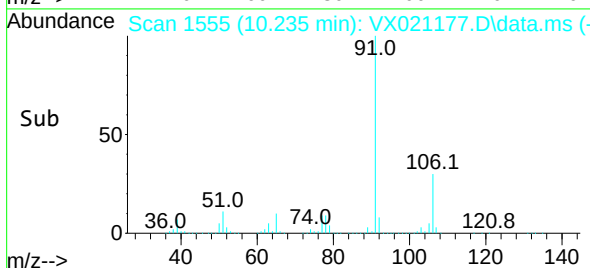
MMDadoda
3/15/2021 3:18:47 PM

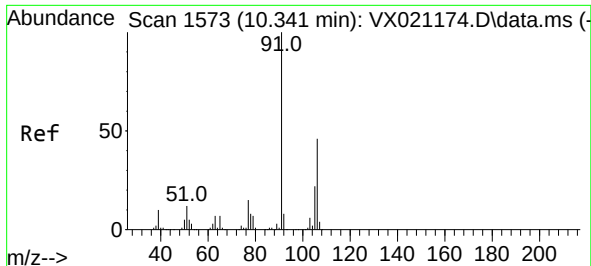


#66
Ethyl Benzene
Concen: 217.03 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



Tgt Ion: 91 Resp: 1032989
Ion Ratio Lower Upper
91 100
106 29.6 25.0 37.4





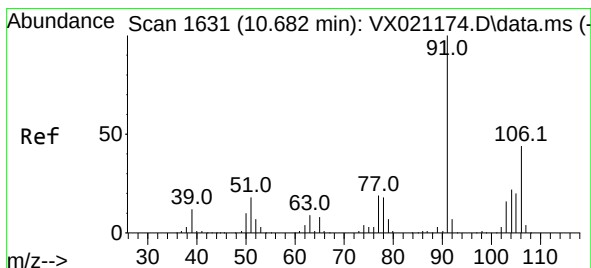
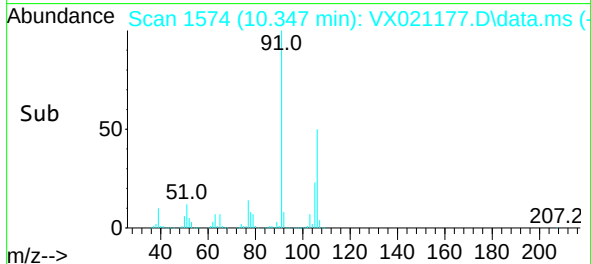
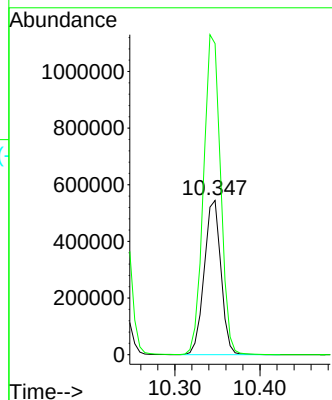
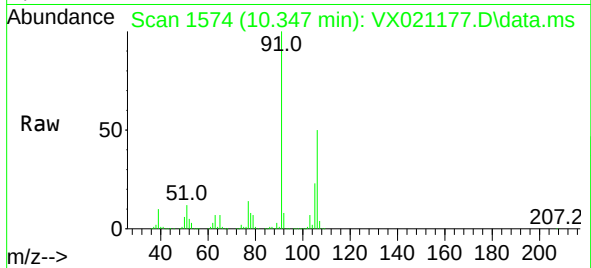
#67
m/p-Xylenes
Concen: 421.53 ug/l
RT: 10.347 min Scan# 1574
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion:106 Resp: 742493
Ion Ratio Lower Upper
106 100
91 211.6 164.0 246.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

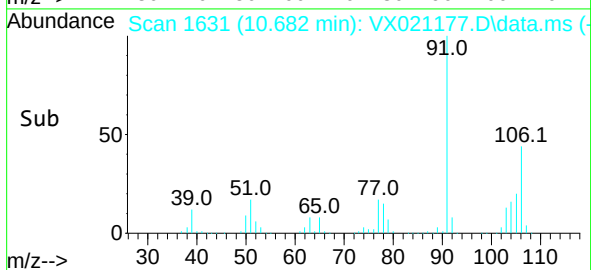
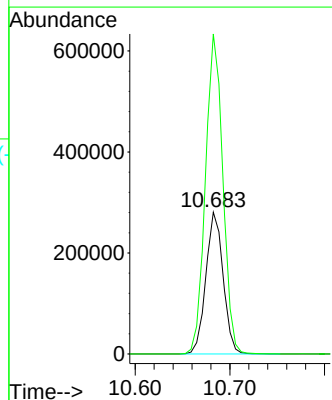
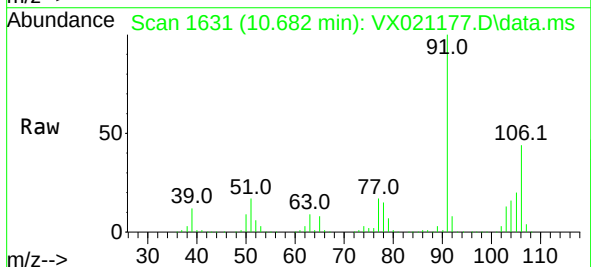
Manual Integrations
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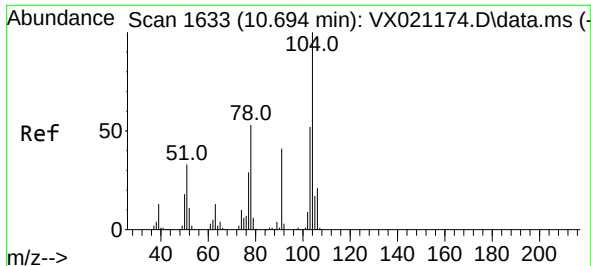
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#68
o-Xylene
Concen: 211.26 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

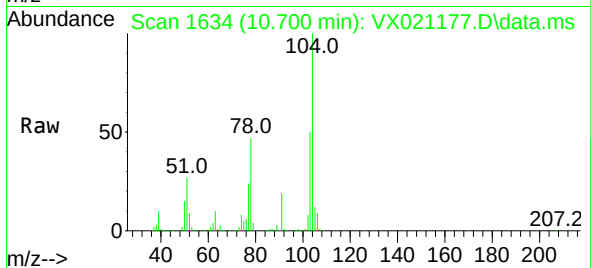
Tgt Ion:106 Resp: 354944
Ion Ratio Lower Upper
106 100
91 227.7 106.5 319.6





#69
Styrene
Concen: 213.55 ug/l
RT: 10.700 min Scan# 1634
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

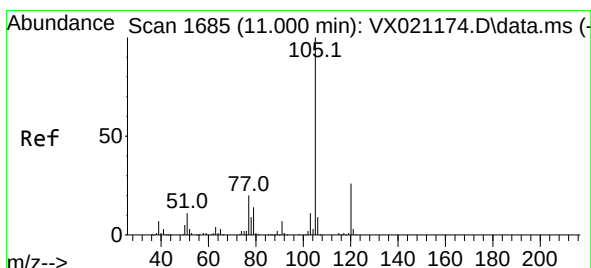
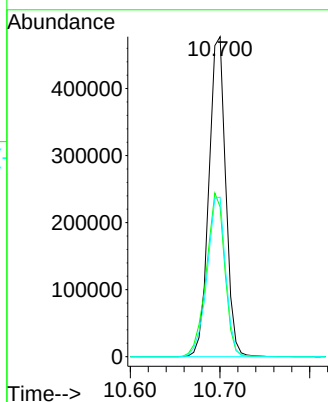
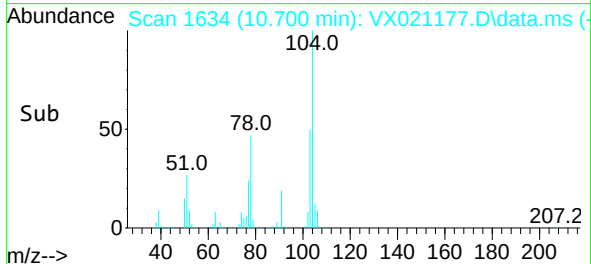
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200



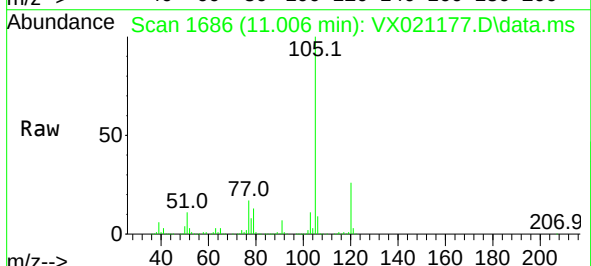
Tgt Ion:104 Resp: 621659
Ion Ratio Lower Upper
104 100
78 56.1 39.2 58.8
103 55.0 43.0 64.4

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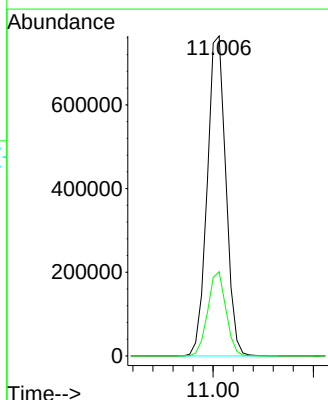
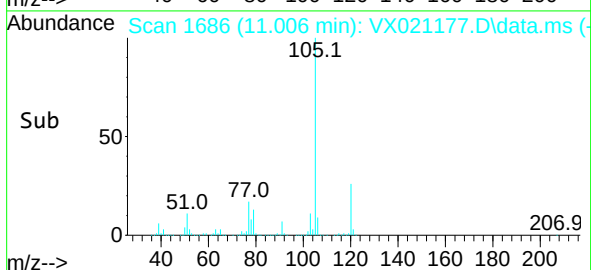
MMDadoda
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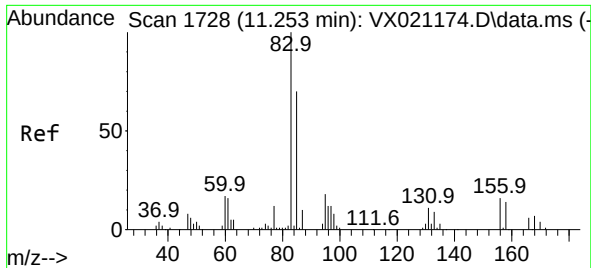


#70
Isopropylbenzene
Concen: 217.64 ug/l
RT: 11.006 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



Tgt Ion:105 Resp: 988472
Ion Ratio Lower Upper
105 100
120 25.8 18.4 34.2





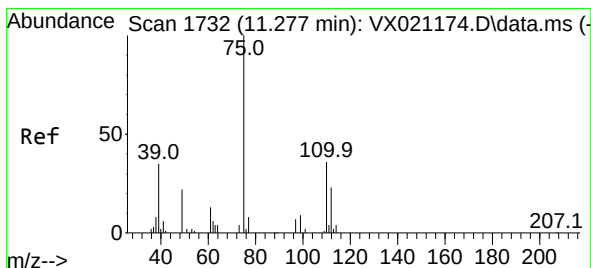
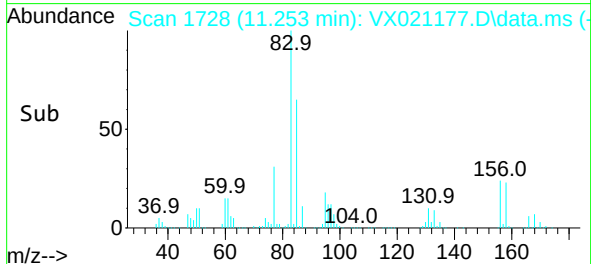
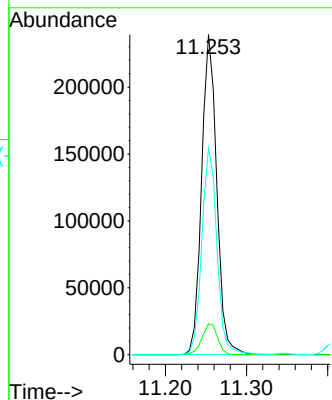
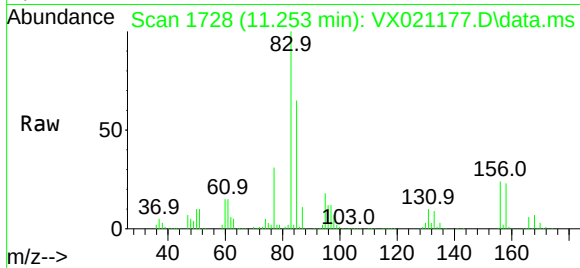
#71
1,1,2,2-Tetrachloroethane
Concen: 217.09 ug/l
RT: 11.253 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 83 Resp: 309207
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 64.8 32.0 96.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

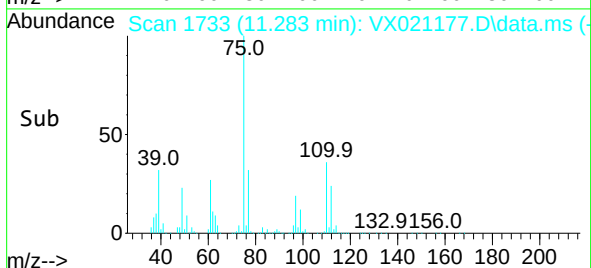
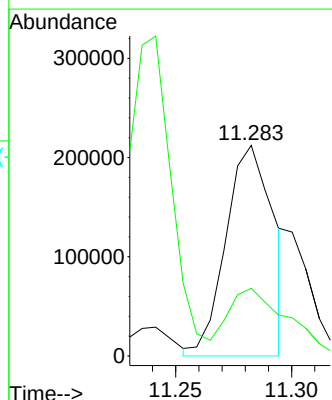
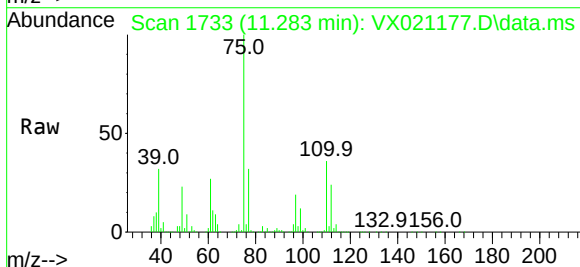
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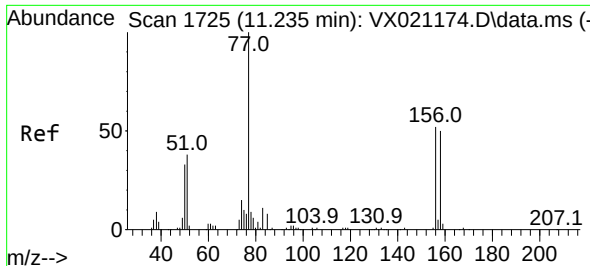
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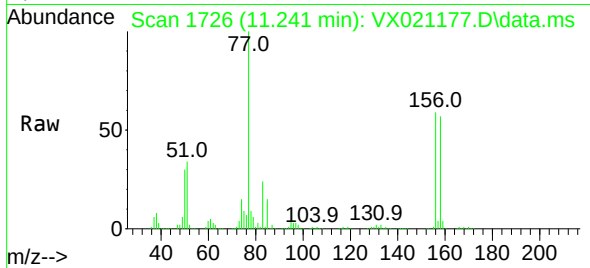
#72
1,2,3-Trichloropropane
Concen: 230.73 ug/l m
RT: 11.283 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 75 Resp: 300662
Ion Ratio Lower Upper
75 100
77 40.5 0.0 74.6

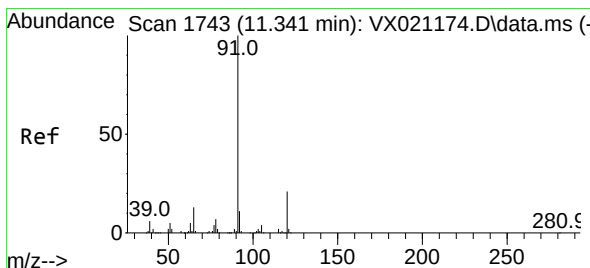
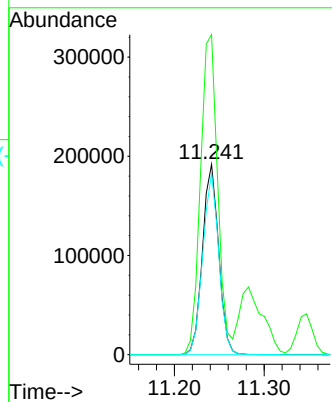
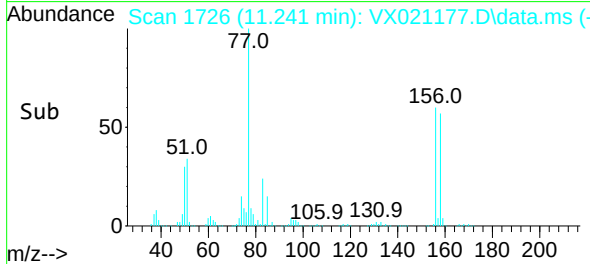




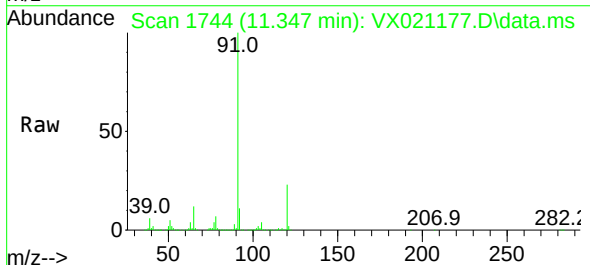
#73
Bromobenzene
Concen: 224.53 ug/l
RT: 11.241 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



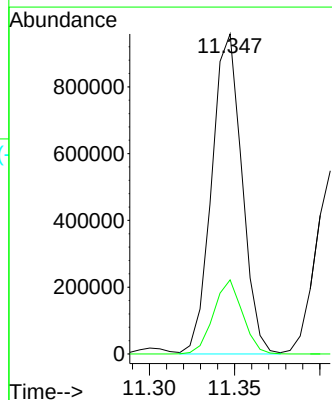
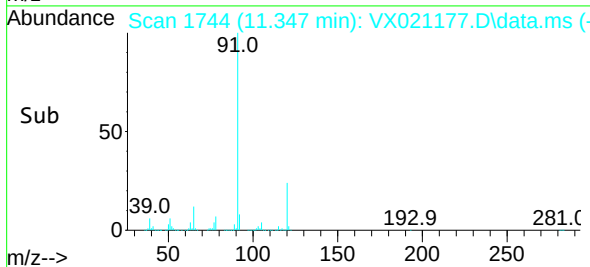
Tgt Ion:156 Resp: 239849
Ion Ratio Lower Upper
156 100
77 179.5 0.0 324.8
158 94.7 0.0 192.0



#74
n-propylbenzene
Concen: 226.89 ug/l
RT: 11.347 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



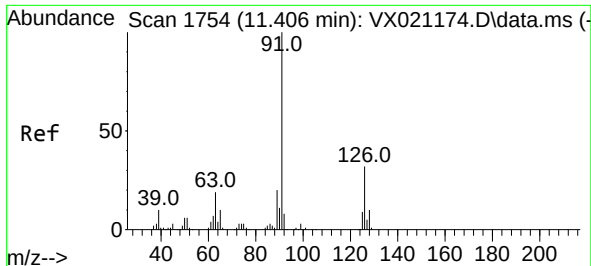
Tgt Ion: 91 Resp: 1183014
Ion Ratio Lower Upper
91 100
120 22.2 0.0 45.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

Manual Integrations
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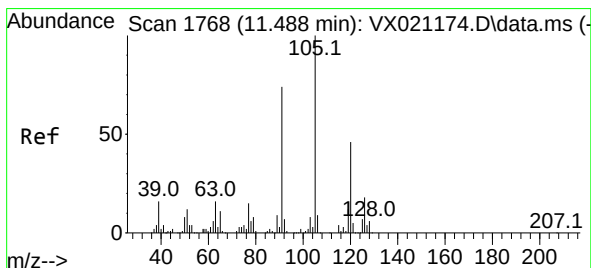
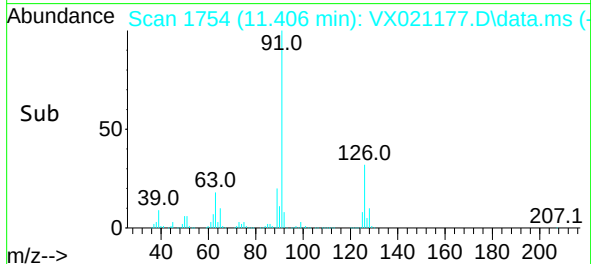
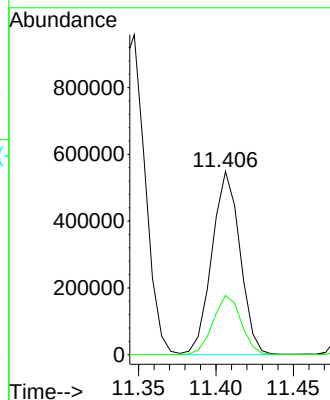
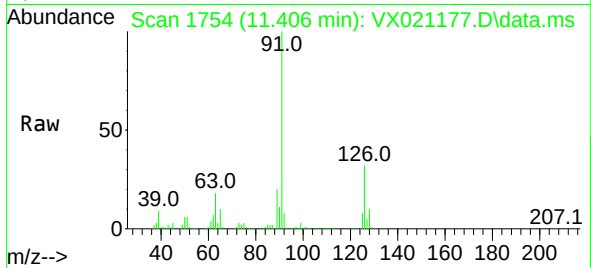
#75
2-Chlorotoluene
Concen: 222.43 ug/l
RT: 11.406 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 91 Resp: 694665
Ion Ratio Lower Upper
91 100
126 32.2 0.0 66.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

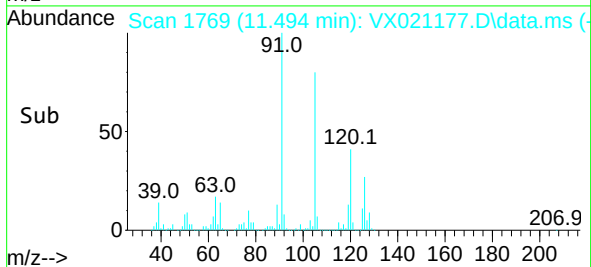
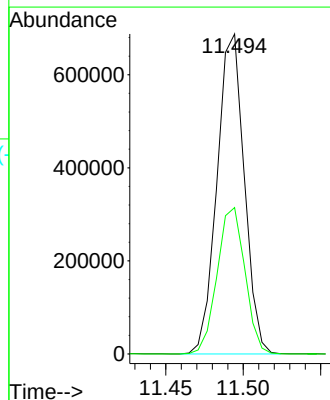
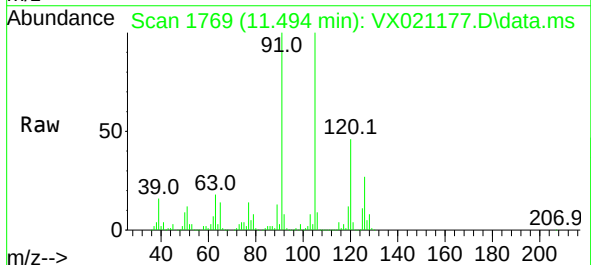
Manual Integrations
APPROVED

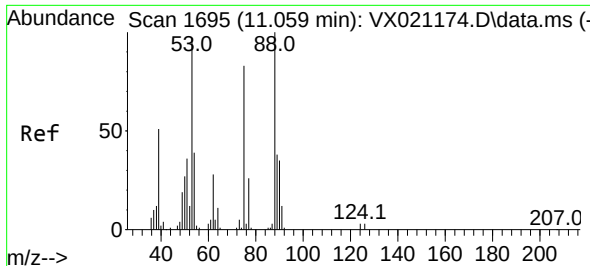
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3/15/2021 3:18:47 PM



#76
1,3,5-Trimethylbenzene
Concen: 224.01 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

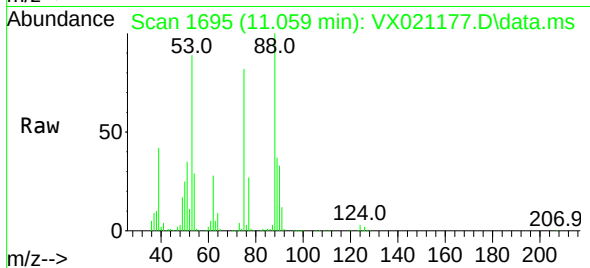
Tgt Ion: 105 Resp: 841464
Ion Ratio Lower Upper
105 100
120 46.7 0.0 96.2





#77
t-1,4-Dichloro-2-butene
Concen: 221.99 ug/l
RT: 11.059 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

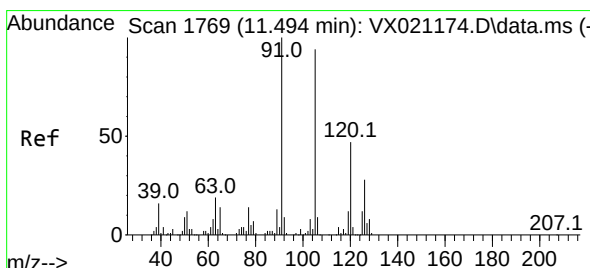
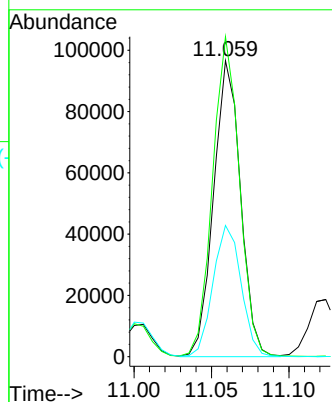
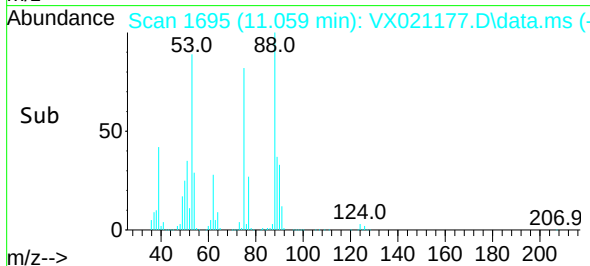
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200



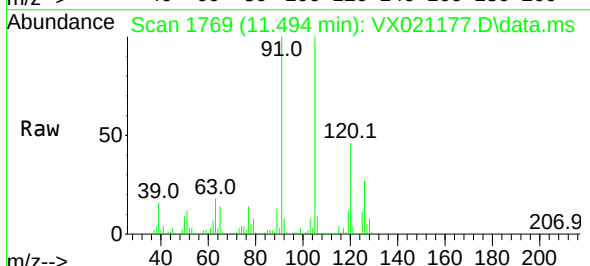
Tgt Ion: 75 Resp: 116833
Ion Ratio Lower Upper
75 100
53 108.0 48.4 145.0
89 44.3 22.7 68.0

Manual Integrations
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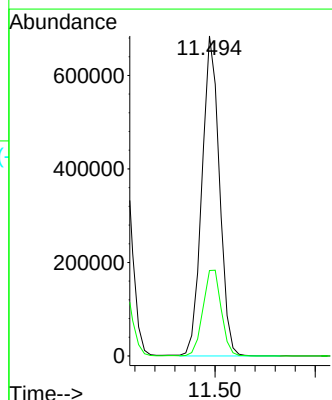
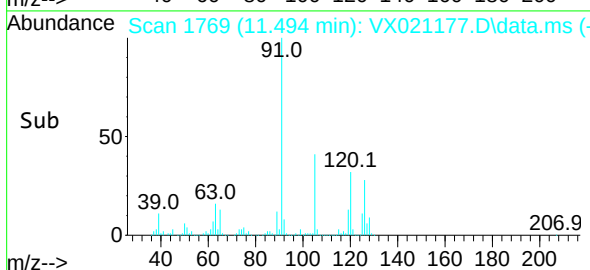
MMDadoda
3/15/2021 3:18:47 PM

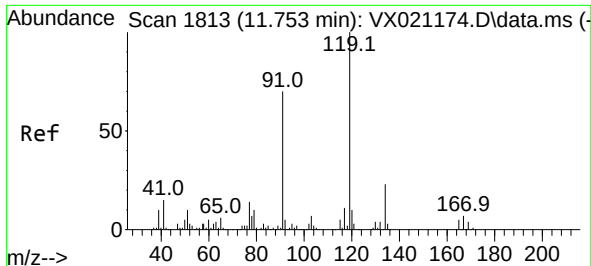


#78
4-Chlorotoluene
Concen: 230.85 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

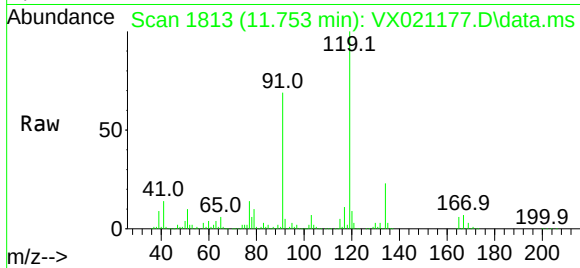


Tgt Ion: 91 Resp: 829820
Ion Ratio Lower Upper
91 100
126 28.1 0.0 57.8

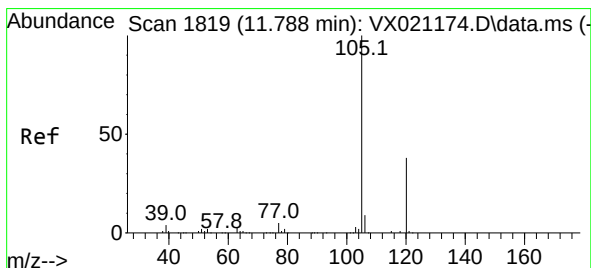
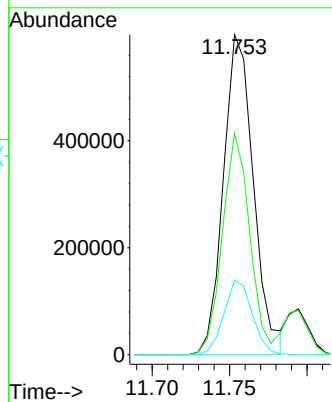
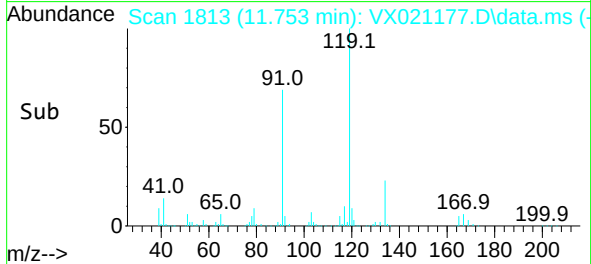




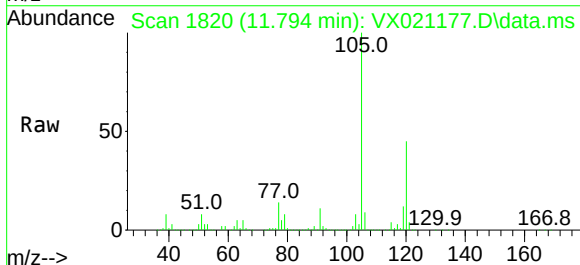
#79
tert-butylbenzene
Concen: 225.08 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



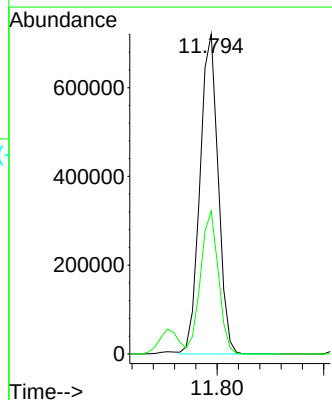
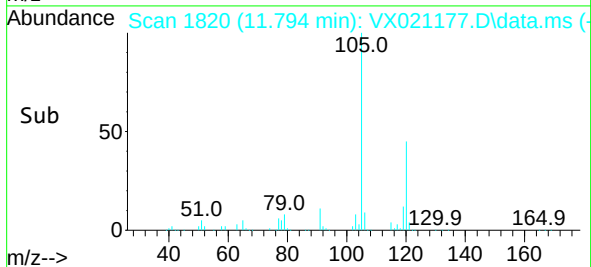
Tgt Ion:119 Resp: 808076
Ion Ratio Lower Upper
119 100
91 62.8 0.0 118.0
134 22.0 0.0 48.0



#80
1,2,4-Trimethylbenzene
Concen: 225.73 ug/l
RT: 11.794 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



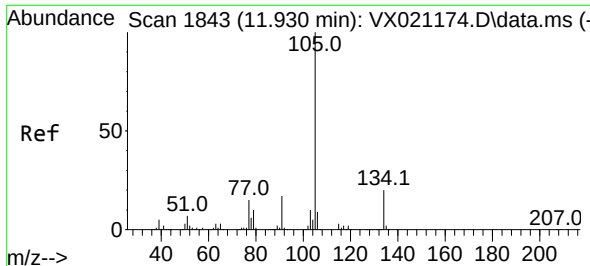
Tgt Ion:105 Resp: 857518
Ion Ratio Lower Upper
105 100
120 43.7 0.0 89.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

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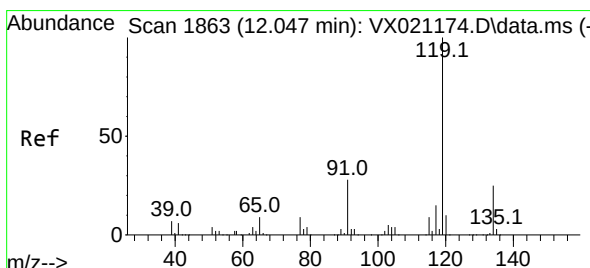
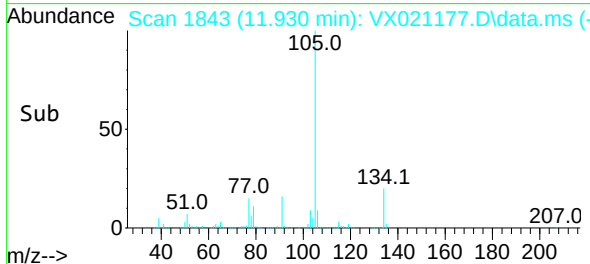
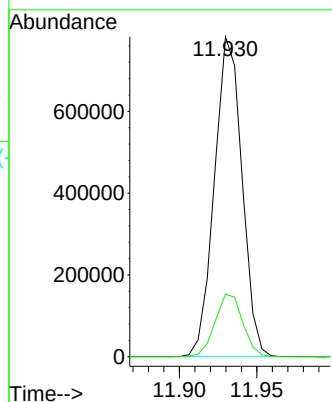
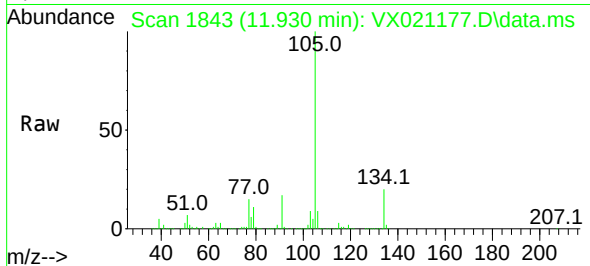
#81
 sec-Butylbenzene
 Concen: 223.65 ug/l
 RT: 11.930 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: VX021177.D
 Acq: 12 Mar 2021 12:09

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC200

Tgt Ion:105 Resp: 967028
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.6

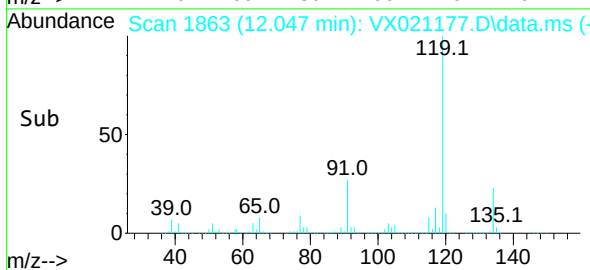
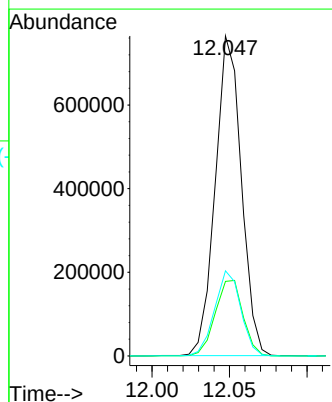
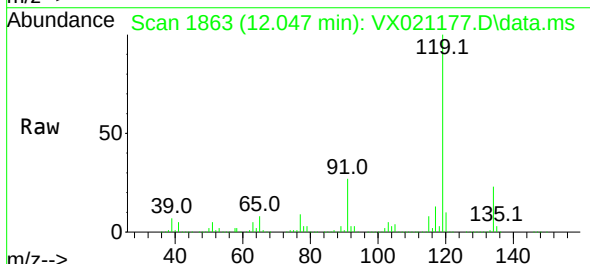
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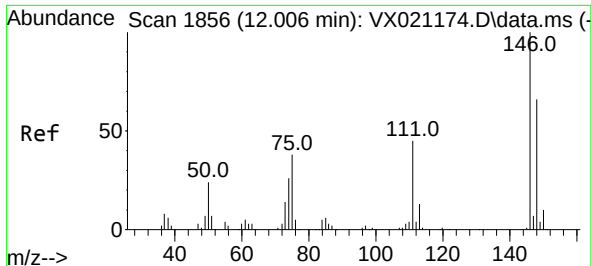
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#82
 p-Isopropyltoluene
 Concen: 228.22 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VX021177.D
 Acq: 12 Mar 2021 12:09

Tgt Ion:119 Resp: 893303
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 52.8
 91 26.7 0.0 47.4





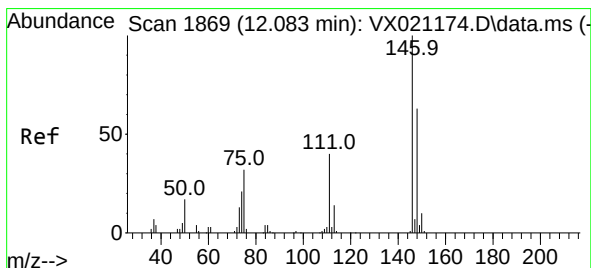
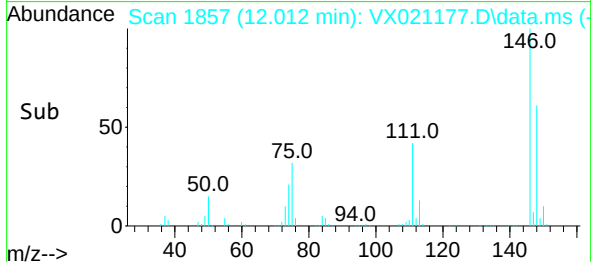
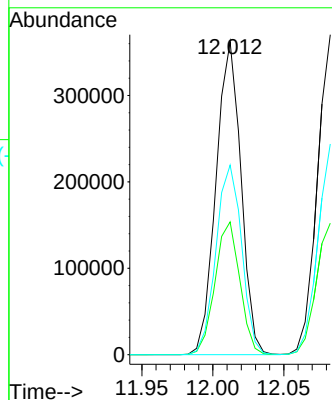
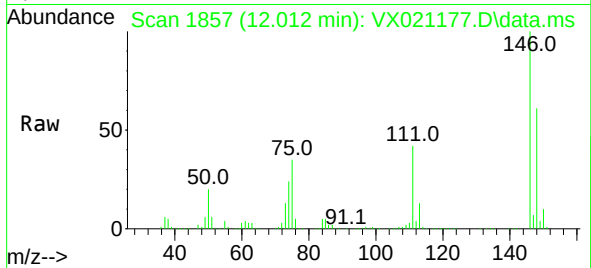
#83
1,3-Dichlorobenzene
Concen: 227.75 ug/l
RT: 12.012 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion:146 Resp: 442698
Ion Ratio Lower Upper
146 100
111 42.3 20.3 60.9
148 62.4 31.9 95.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

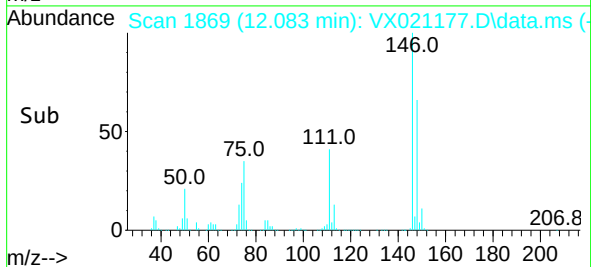
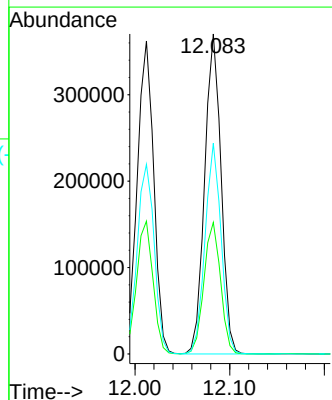
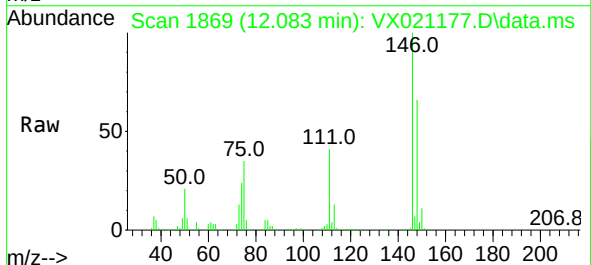
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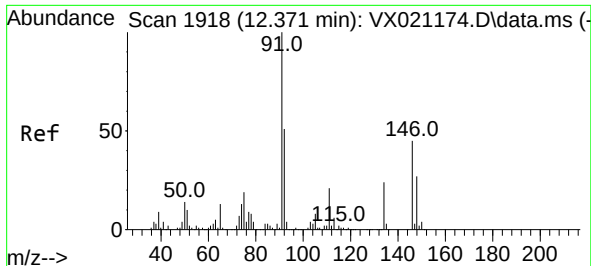
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#84
1,4-Dichlorobenzene
Concen: 232.39 ug/l
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion:146 Resp: 444628
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.3
148 64.5 31.9 95.5





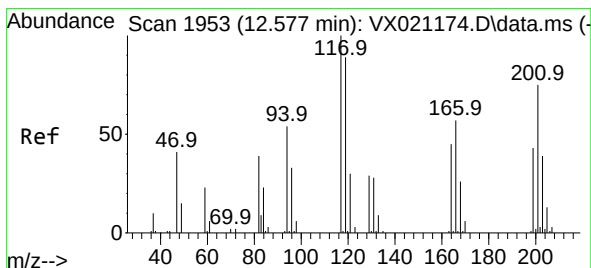
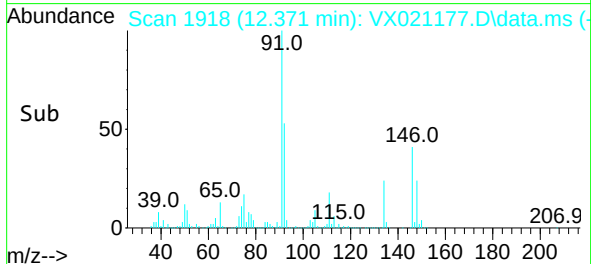
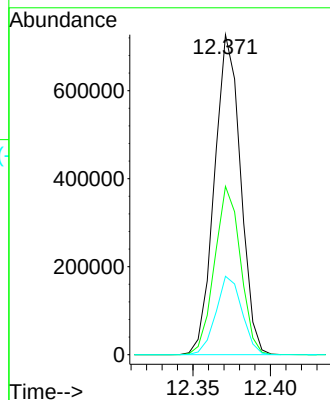
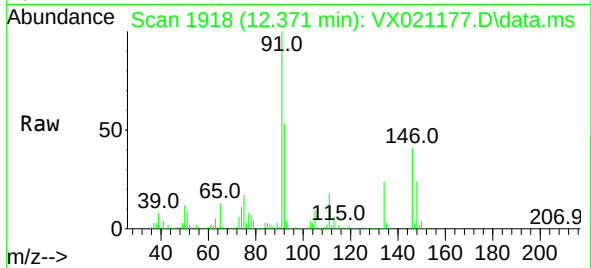
#85
n-Butylbenzene
Concen: 240.73 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 91 Resp: 852897
Ion Ratio Lower Upper
91 100
92 52.1 0.0 109.0
134 24.5 0.0 51.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC200

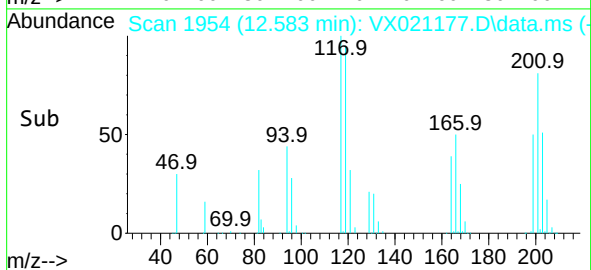
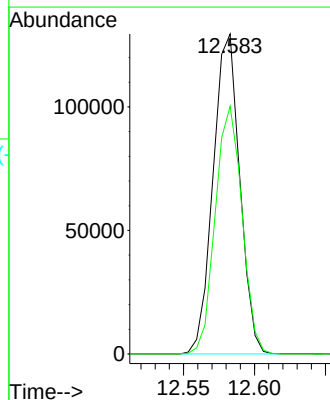
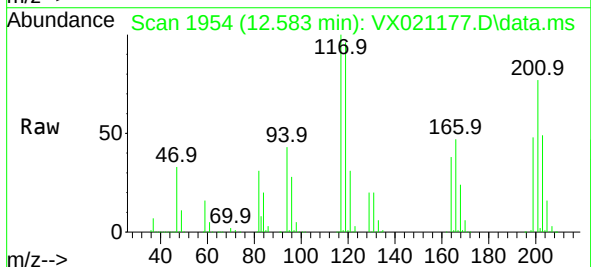
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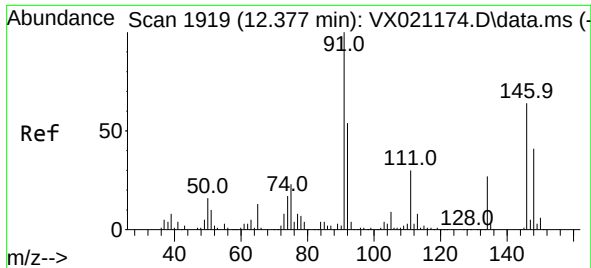
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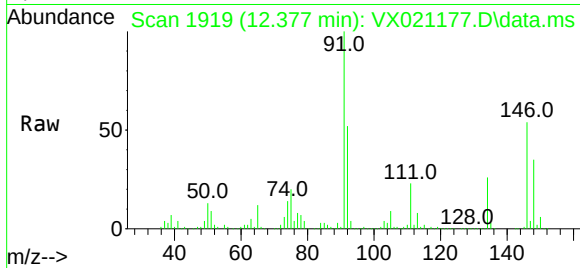
#86
Hexachloroethane
Concen: 229.58 ug/l
RT: 12.583 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09

Tgt Ion: 117 Resp: 168858
Ion Ratio Lower Upper
117 100
201 77.6 40.5 121.4

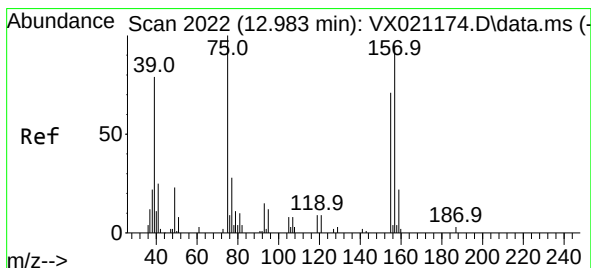
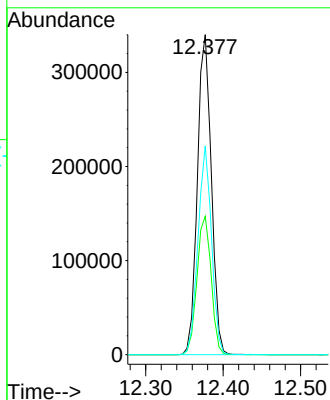
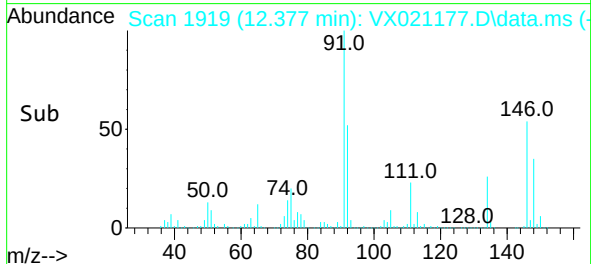




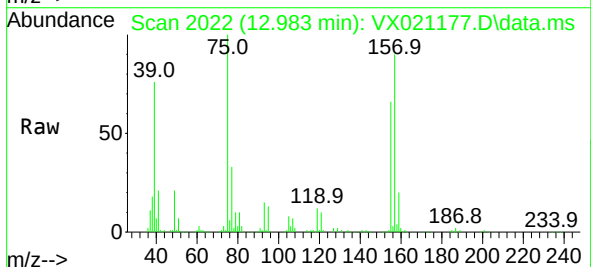
#87
1,2-Dichlorobenzene
Concen: 230.81 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



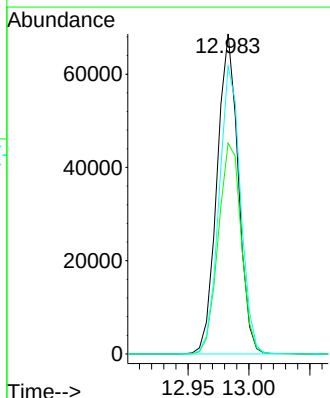
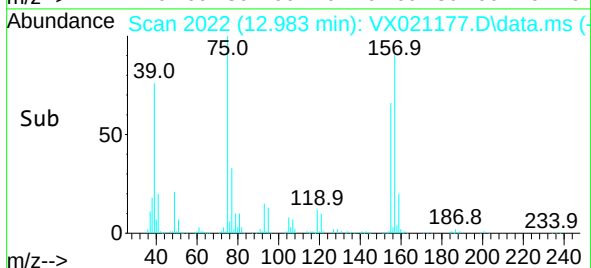
Tgt Ion:146 Resp: 424516
Ion Ratio Lower Upper
146 100
111 44.0 20.8 62.5
148 63.4 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 252.57 ug/l
RT: 12.983 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



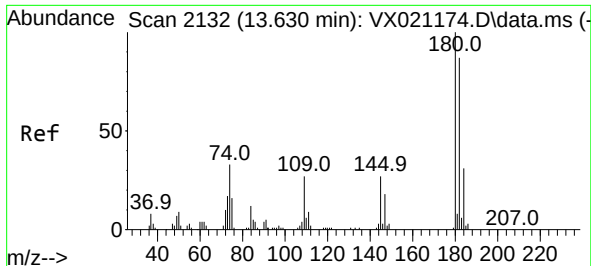
Tgt Ion: 75 Resp: 83503
Ion Ratio Lower Upper
75 100
155 70.9 68.9 103.3
157 90.5 91.3 136.9#



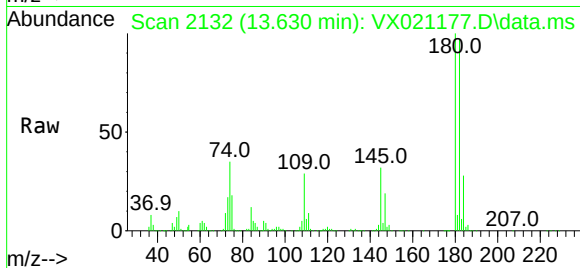
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

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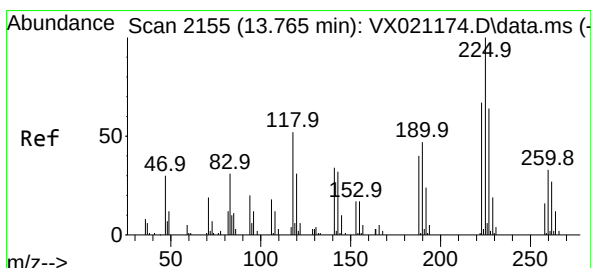
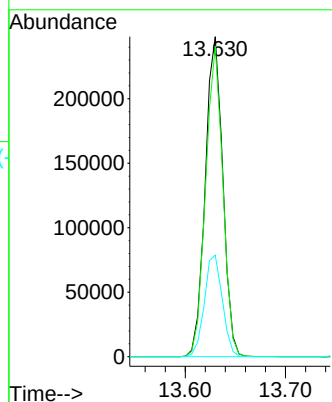
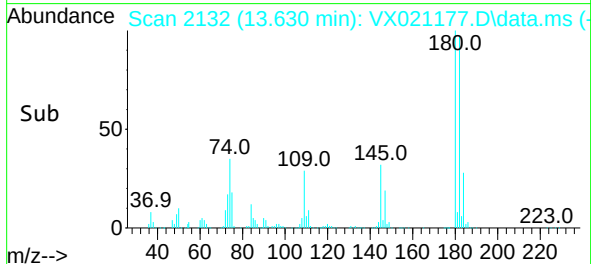
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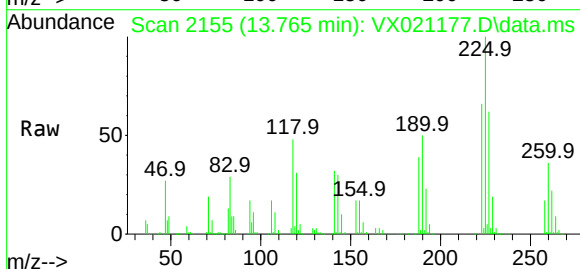
#89
1,2,4-Trichlorobenzene
Concen: 250.24 ug/l
RT: 13.630 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



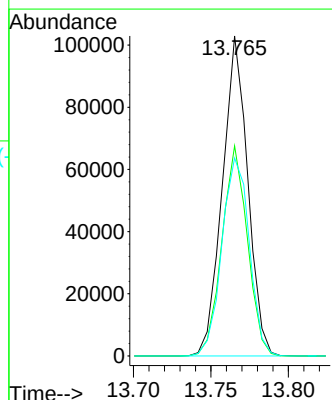
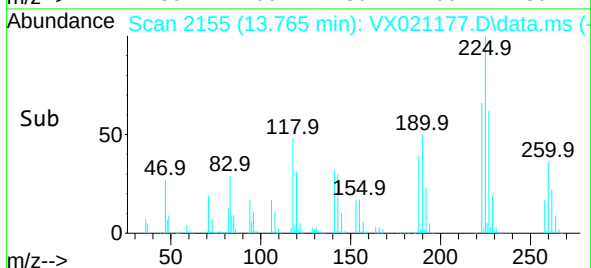
Tgt Ion:180 Resp: 302735
Ion Ratio Lower Upper
180 100
182 95.0 77.9 116.9
145 32.5 24.3 36.5



#90
Hexachlorobutadiene
Concen: 238.40 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



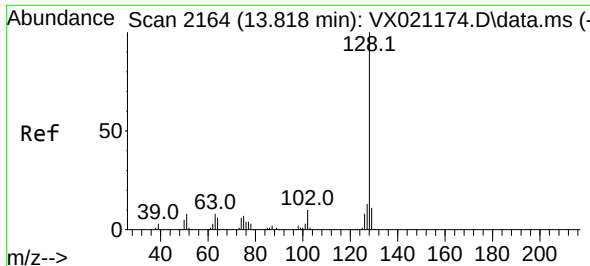
Tgt Ion:225 Resp: 117099
Ion Ratio Lower Upper
225 100
223 66.0 0.0 129.4
227 67.0 0.0 130.4



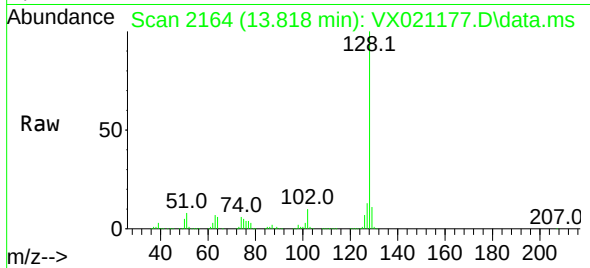
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

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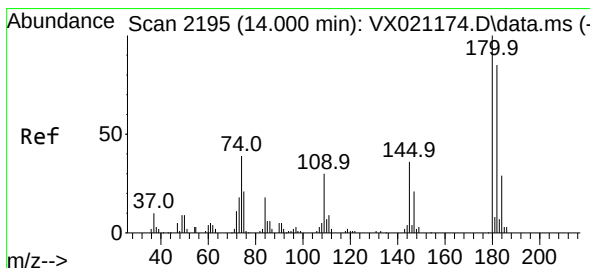
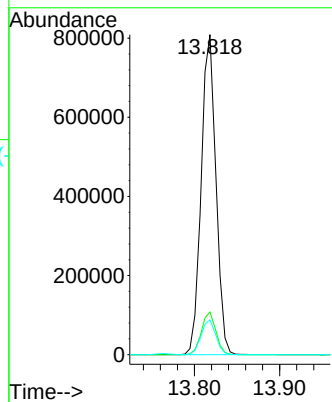
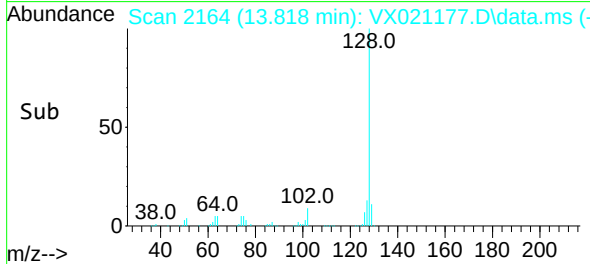
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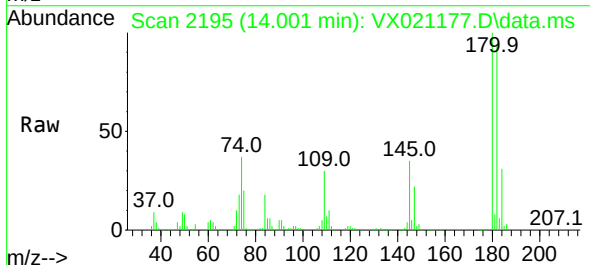
#91
Naphthalene
Concen: 233.80 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



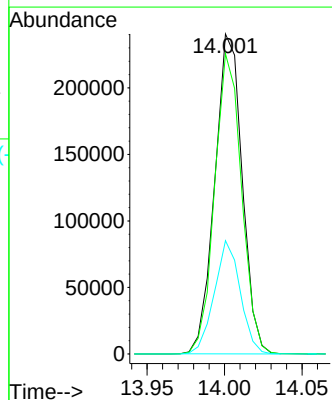
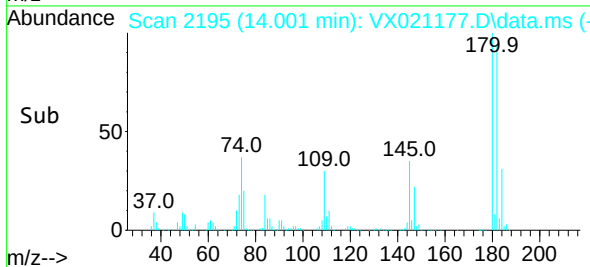
Tgt Ion:128 Resp: 970116
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 248.17 ug/l
RT: 14.001 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VX021177.D
Acq: 12 Mar 2021 12:09



Tgt Ion:180 Resp: 295127
Ion Ratio Lower Upper
180 100
182 92.4 0.0 192.4
145 33.7 0.0 66.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC200

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