

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010821\
 Data File : VX020539.D
 Acq On : 08 Jan 2021 15:12
 Operator : JC/MD
 Sample : M1050-06
 Misc : 5.0g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 X2X38

Quant Time: Jan 09 04:43:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 09 04:41:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.830	114	373151	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.098	117	333397	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.067	152	175994	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	116224	38.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.54%
7) Chloroethane-d5	1.679	69	39433	16.83	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	33.66%#
11) 1,1-Dichloroethene-d2	2.313	63	167332	29.88	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.76%#
21) 2-Butanone-d5	4.562	46	170656	92.90	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.90%
24) Chloroform-d	5.141	84	228312	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	6.031	65	151595	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
32) Benzene-d6	6.038	84	482453	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.22%
36) 1,2-Dichloropropane-d6	7.367	67	150117	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.82%
41) Toluene-d8	8.696	98	408789	44.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.92%
43) trans-1,3-Dichloroprop...	8.994	79	73119	48.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.94%
47) 2-Hexanone-d5	9.445	63	134526	98.21	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.21%
56) 1,1,2,2-Tetrachloroeth...	11.238	84	180108	41.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.62%
66) 1,2-Dichlorobenzene-d4	12.360	152	156337	45.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.64%
Target Compounds						
					Qvalue	
13) Acetone	2.453	43	262189	174.14	ug/L	99
17) trans-1,2-Dichloroethene	3.130	96	316837	110.72	ug/L	96
30) 1,1,1-Trichloroethane	5.452	97	778924	182.80	ug/L	99
33) Benzene	6.105	78	1351047	122.61	ug/L	100
34) Trichloroethene	7.184	95	556613	198.34	ug/L	99
37) 1,2-Dichloropropane	7.488	63	289072	103.41	ug/L	100
38) Bromodichloromethane	7.879	83	264433	73.67	ug/L	99
42) Toluene	8.763	91	1652080	143.11	ug/L	97
45) 1,1,2-Trichloroethane	9.195	97	204633	73.97	ug/L	99
46) Tetrachloroethene	9.317	164	215037	98.86	ug/L	96
48) 2-Hexanone	9.494	43	371752	128.10	ug/L	98
50) 1,2-Dibromoethane	9.653	107	178292	62.21	ug/L	99
51) Chlorobenzene	10.122	112	748490	102.41	ug/L	98
52) Ethylbenzene	10.238	91	1187039	96.16	ug/L	98
53) m,p-Xylene	10.348	106	588695	127.65	ug/L	100
54) o-Xylene	10.683	106	121643	27.18	ug/L	94
55) Styrene	10.695	104	756491	99.84	ug/L	96
60) Isopropylbenzene	11.000	105	1512545	121.89	ug/L	99
64) 1,3-Dichlorobenzene	12.012	146	403132	69.64	ug/L	96

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 QLast Update : Sat Jan 09 04:41:43 2021
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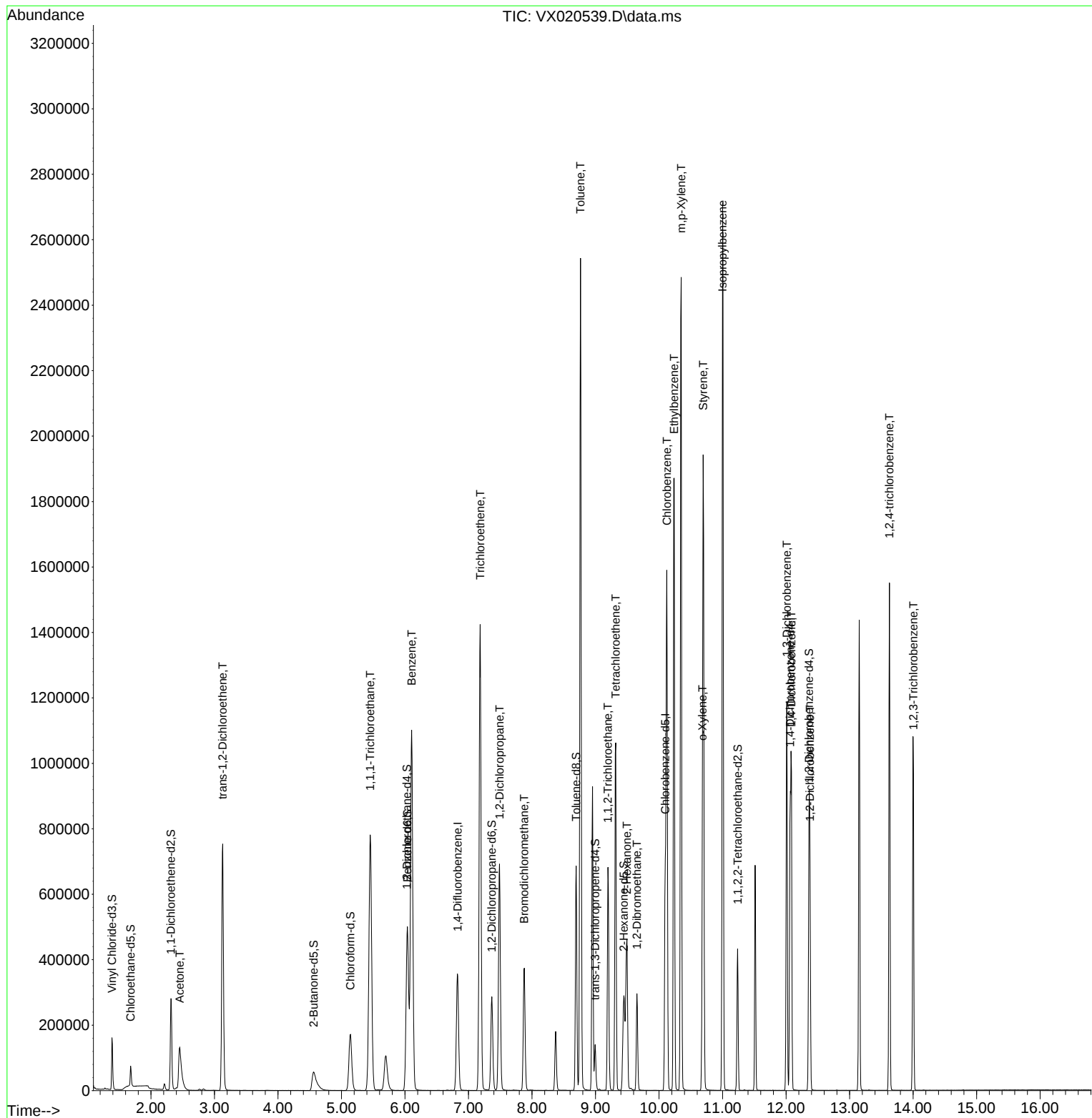
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	12.085	146	318336	54.42	ug/L	98
67) 1,2-Dichlorobenzene	12.378	146	198107	34.32	ug/L	99
70) 1,2,4-trichlorobenzene	13.628	180	371384	108.53	ug/L	98
72) 1,2,3-Trichlorobenzene	14.006	180	276352	78.50	ug/L	99

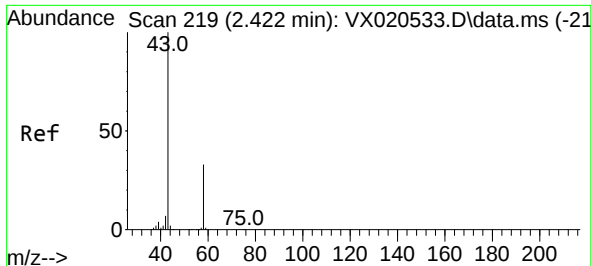
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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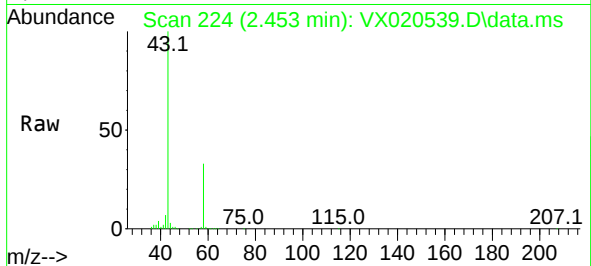
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXML010721WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 09 04:41:43 2021
Response via : Initial Calibration



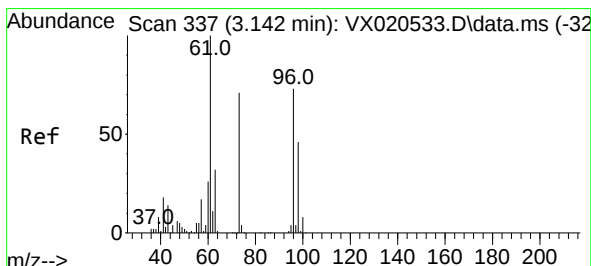
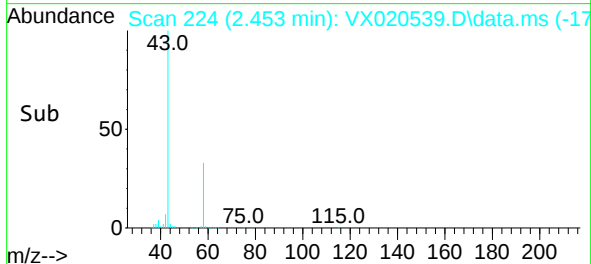
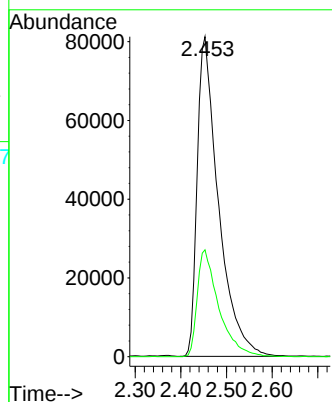


#13
Acetone
Concen: 174.14 ug/L
RT: 2.453 min Scan# 224
Delta R.T. 0.031 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

Instrument :
MSVOA_X
ClientSampleId :
X2X38

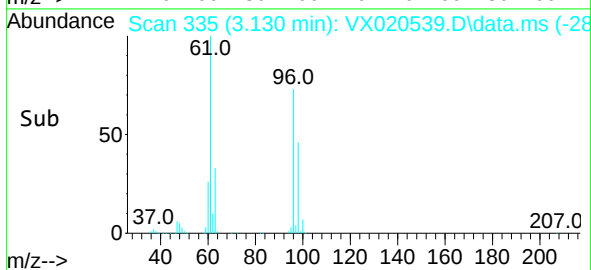
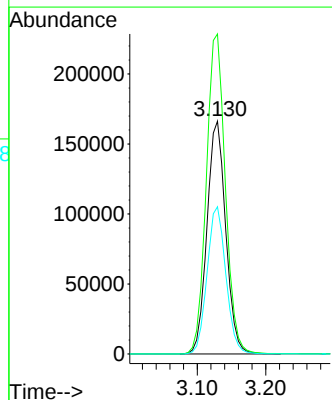
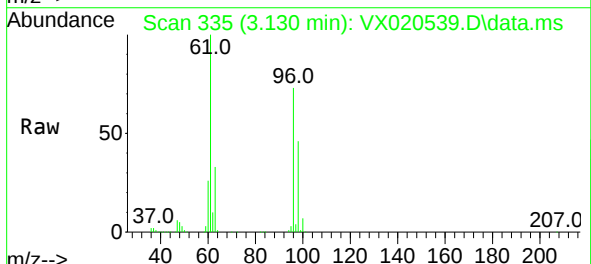


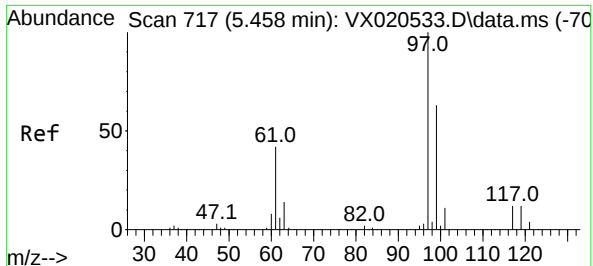
Tgt Ion: 43 Resp: 262189
Ion Ratio Lower Upper
43 100
58 33.8 0.0 68.2



#17
trans-1,2-Dichloroethene
Concen: 110.72 ug/L
RT: 3.130 min Scan# 335
Delta R.T. -0.012 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

Tgt Ion: 96 Resp: 316837
Ion Ratio Lower Upper
96 100
61 137.5 92.3 171.3
98 63.3 46.3 85.9

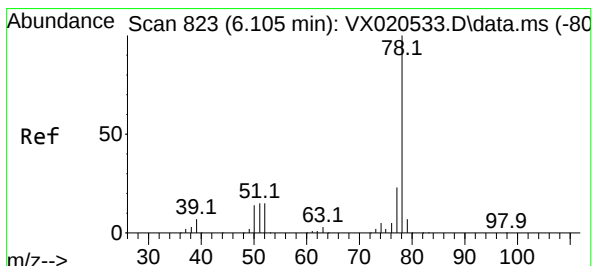
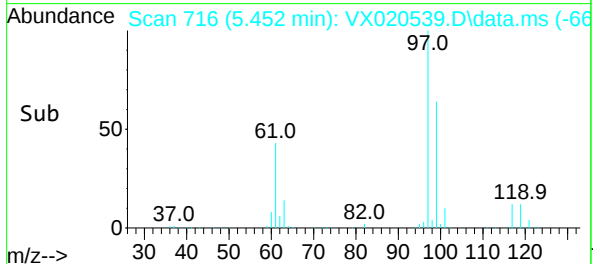
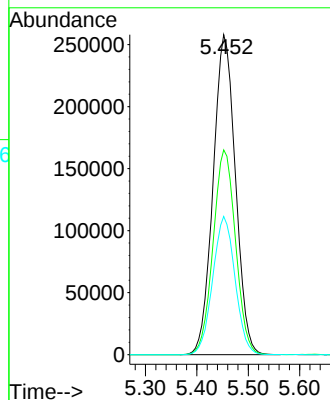
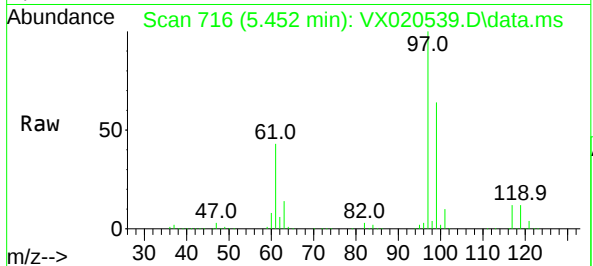




#30
1,1,1-Trichloroethane
Concen: 182.80 ug/L
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

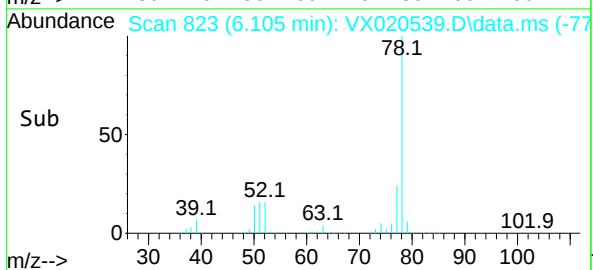
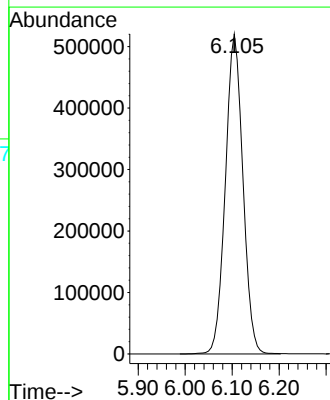
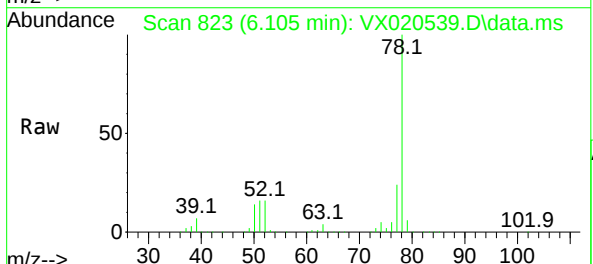
Instrument :
MSVOA_X
ClientSampleId :
X2X38

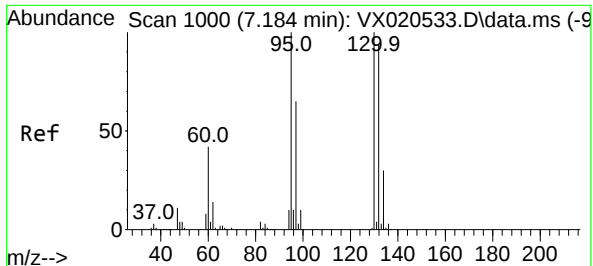
Tgt Ion: 97 Resp: 778924
Ion Ratio Lower Upper
97 100
99 64.2 52.1 78.1
61 43.2 35.3 52.9



#33
Benzene
Concen: 122.61 ug/L
RT: 6.105 min Scan# 823
Delta R.T. 0.000 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

Tgt Ion: 78 Resp: 1351047





#34

Trichloroethene

Concen: 198.34 ug/L

RT: 7.184 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VX020539.D

Acq: 08 Jan 2021 15:12

Tgt Ion: 95 Resp: 556613

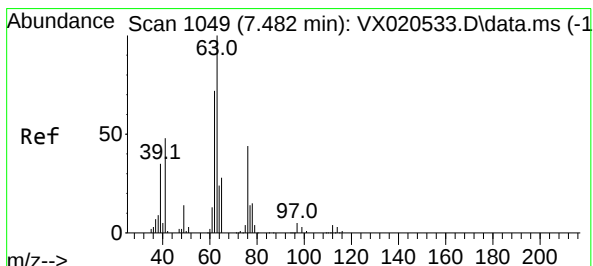
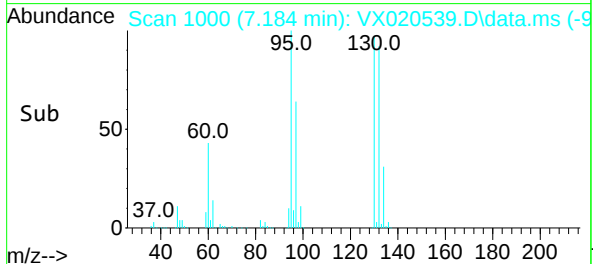
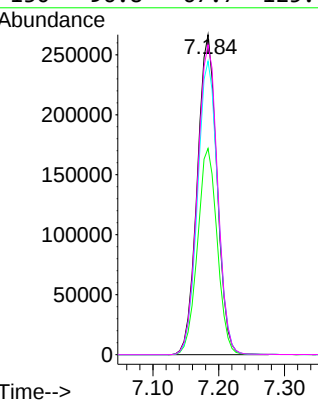
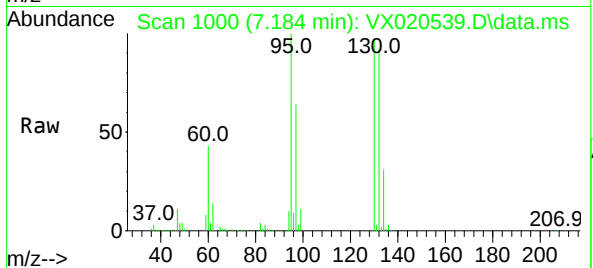
Ion Ratio Lower Upper

95 100

97 64.5 44.5 82.7

132 91.7 65.2 121.0

130 96.8 67.7 125.7



#37

1,2-Dichloropropane

Concen: 103.41 ug/L

RT: 7.488 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VX020539.D

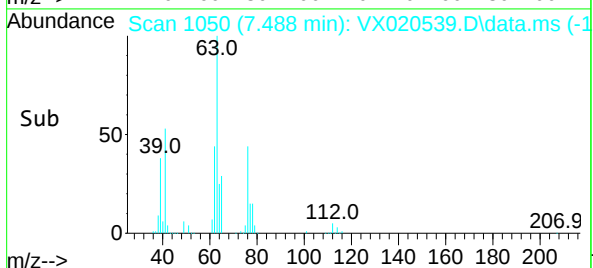
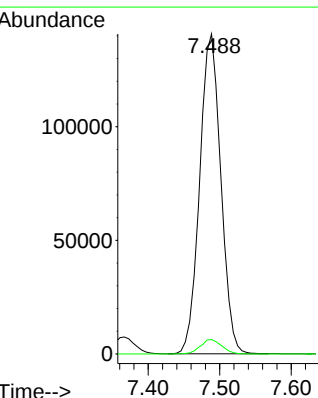
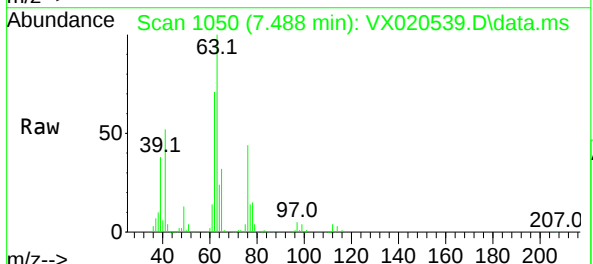
Acq: 08 Jan 2021 15:12

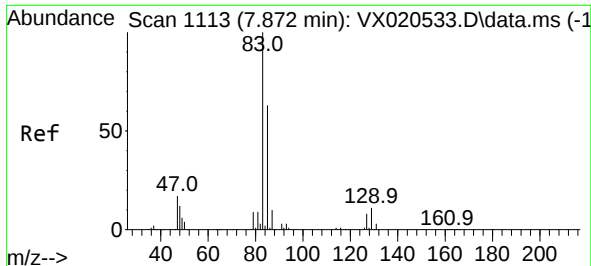
Tgt Ion: 63 Resp: 289072

Ion Ratio Lower Upper

63 100

112 4.6 3.6 5.4

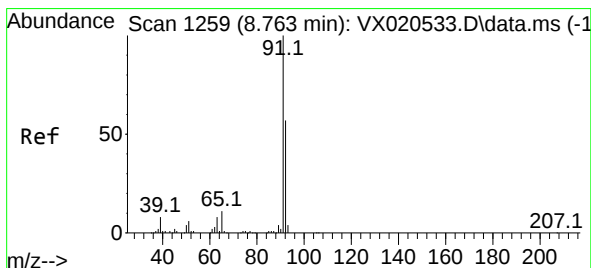
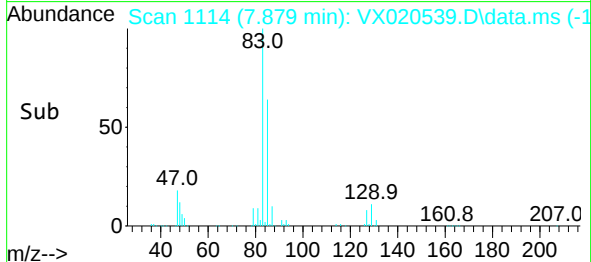
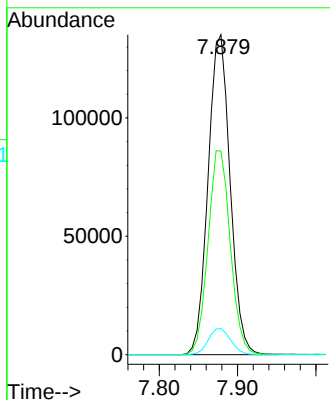
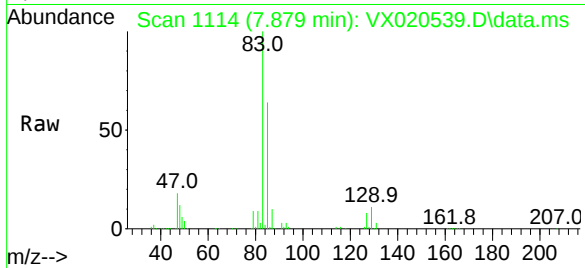




#38
Bromodichloromethane
Concen: 73.67 ug/L
RT: 7.879 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

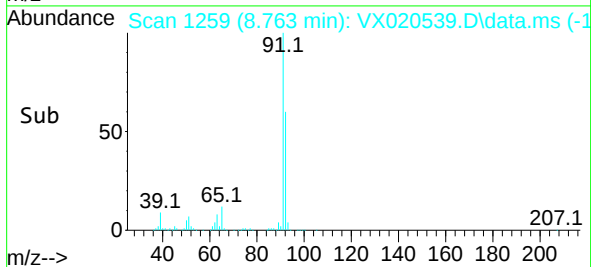
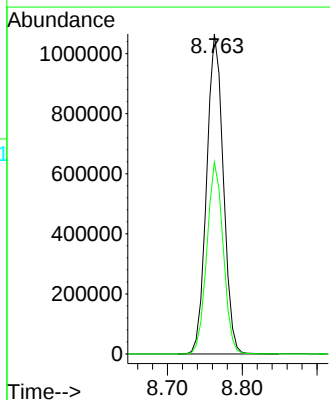
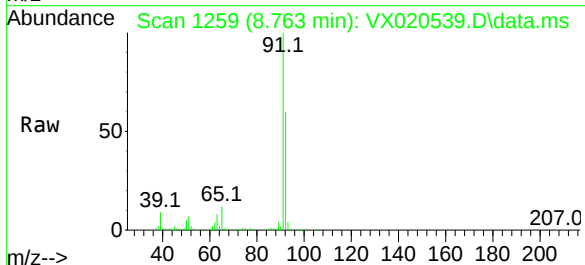
Instrument :
MSVOA_X
ClientSampleId :
X2X38

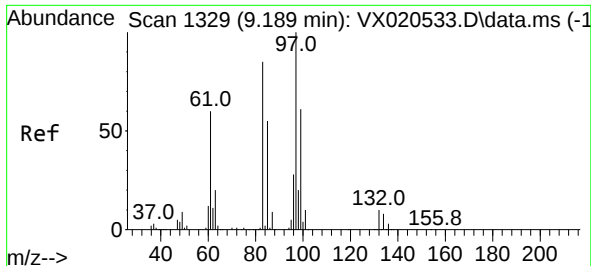
Tgt Ion: 83 Resp: 264433
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.7
127 8.1 6.6 10.0



#42
Toluene
Concen: 143.11 ug/L
RT: 8.763 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

Tgt Ion: 91 Resp: 1652080
Ion Ratio Lower Upper
91 100
92 60.0 40.5 75.1



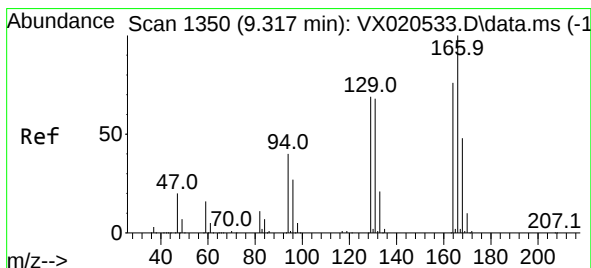
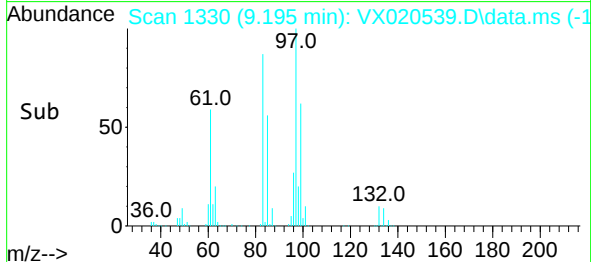
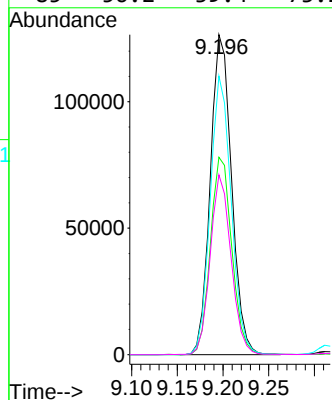
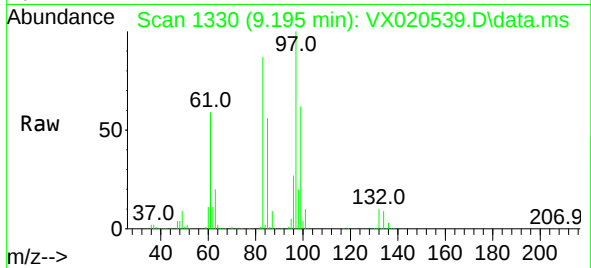


#45
1,1,2-Trichloroethane
Concen: 73.97 ug/L
RT: 9.195 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

Instrument :
MSVOA_X
ClientSampleId :
X2X38

Tgt Ion: 97 Resp: 204633

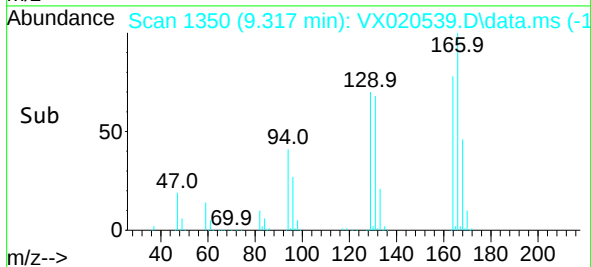
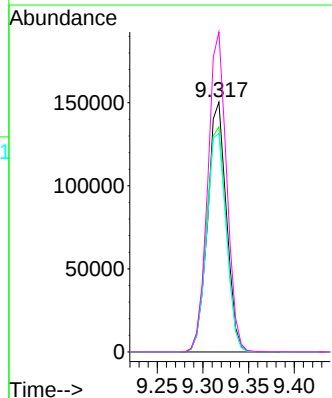
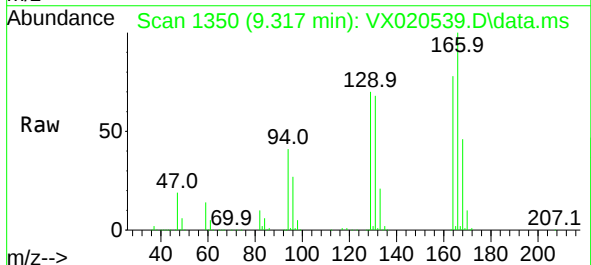
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.0	81.6
83	87.1	60.8	113.0
85	56.2	39.4	73.2

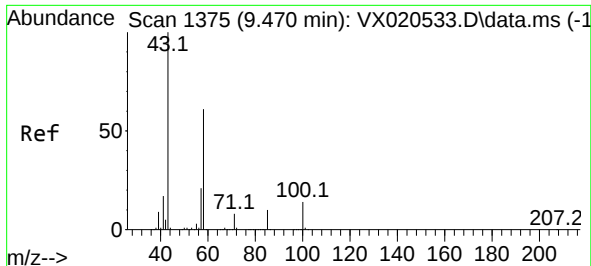


#46
Tetrachloroethene
Concen: 98.86 ug/L
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

Tgt Ion: 164 Resp: 215037

Ion	Ratio	Lower	Upper
164	100		
129	90.2	65.6	121.8
131	87.5	63.7	118.3
166	128.2	93.0	172.6



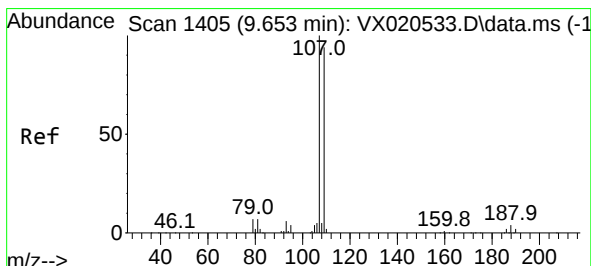
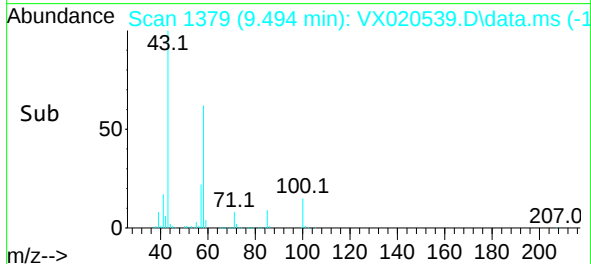
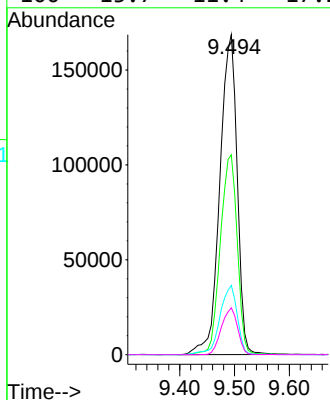
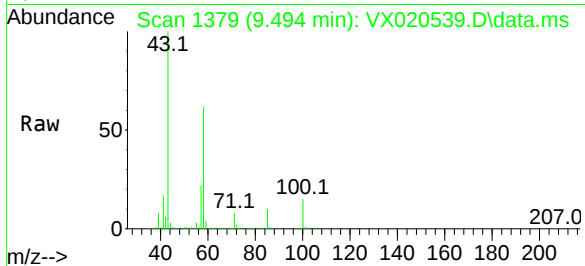


#48
2-Hexanone
Concen: 128.10 ug/L
RT: 9.494 min Scan# 1379
Delta R.T. 0.024 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

Instrument :
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X2X38

Tgt Ion: 43 Resp: 371752

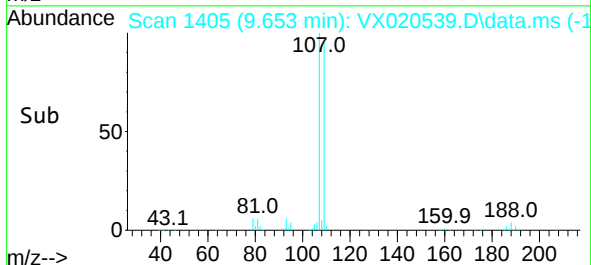
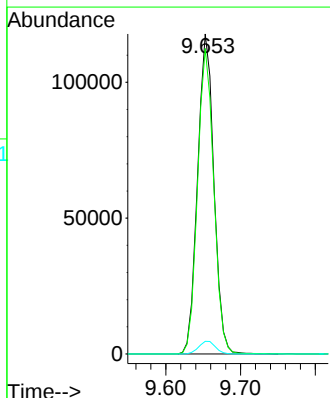
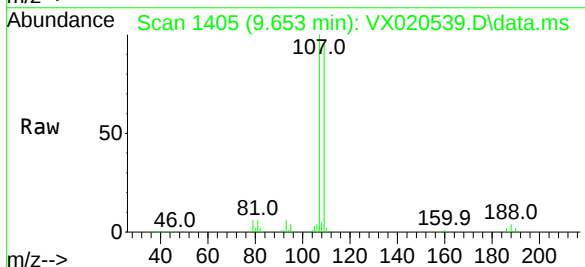
Ion	Ratio	Lower	Upper
43	100		
58	60.9	50.1	75.1
57	21.7	17.3	25.9
100	13.7	11.4	17.2

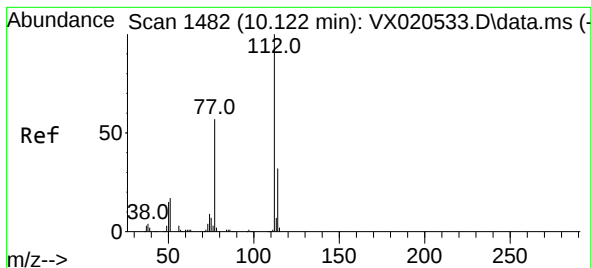


#50
1,2-Dibromoethane
Concen: 62.21 ug/L
RT: 9.653 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

Tgt Ion: 107 Resp: 178292

Ion	Ratio	Lower	Upper
107	100		
109	95.4	66.4	123.4
188	4.0	3.2	4.8

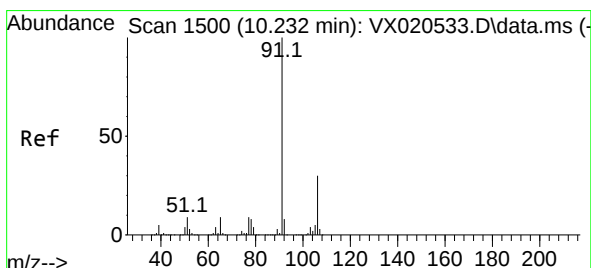
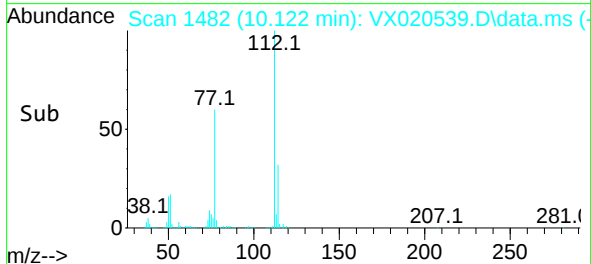
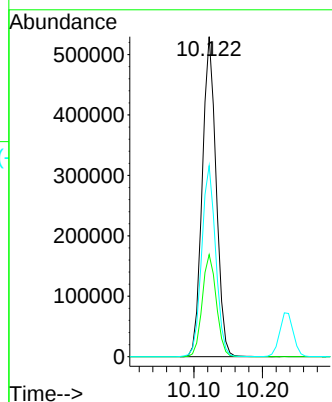
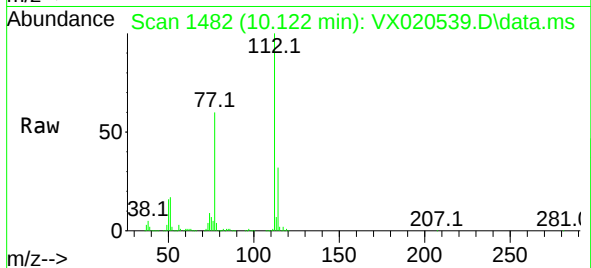




#51
Chlorobenzene
Concen: 102.41 ug/L
RT: 10.122 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

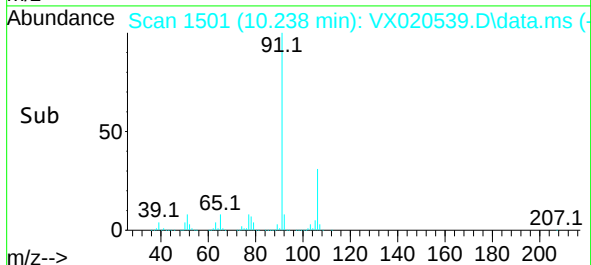
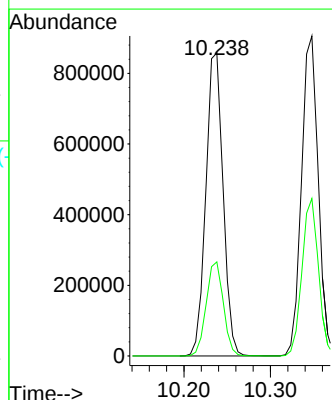
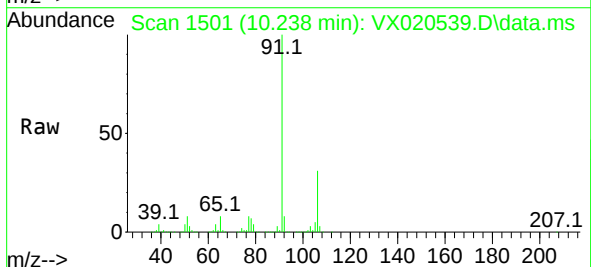
Instrument :
MSVOA_X
ClientSampled :
X2X38

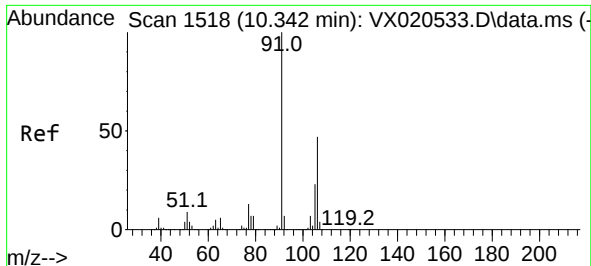
Tgt Ion:112 Resp: 748490
Ion Ratio Lower Upper
112 100
114 31.9 23.2 43.2
77 59.7 48.4 72.6



#52
Ethylbenzene
Concen: 96.16 ug/L
RT: 10.238 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

Tgt Ion: 91 Resp: 1187039
Ion Ratio Lower Upper
91 100
106 31.0 21.0 39.0

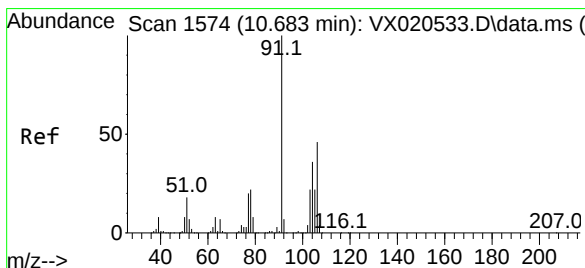
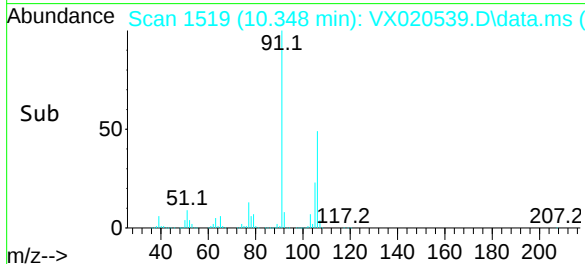
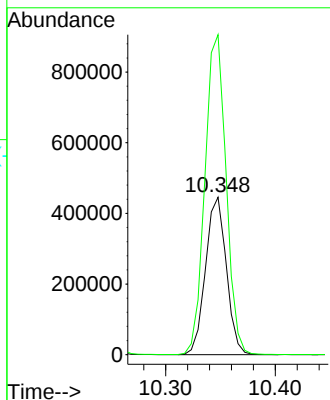
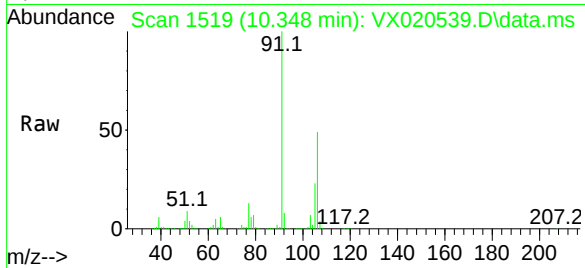




#53
m,p-Xylene
Concen: 127.65 ug/L
RT: 10.348 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

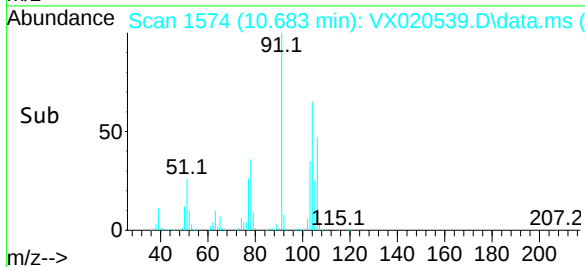
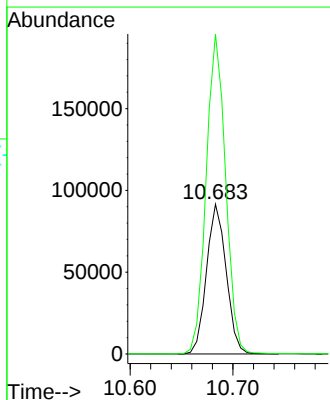
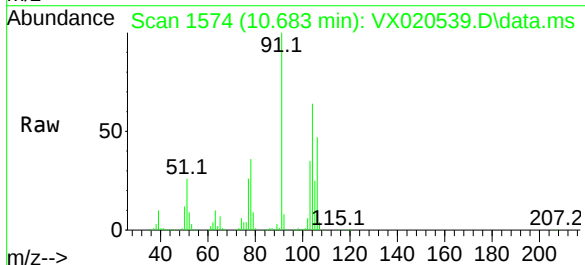
Instrument :
MSVOA_X
ClientSampleId :
X2X38

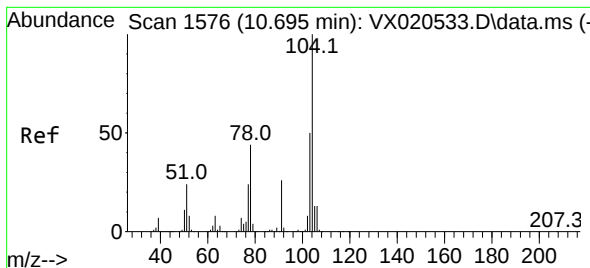
Tgt Ion:106 Resp: 588695
Ion Ratio Lower Upper
106 100
91 203.3 142.5 264.6



#54
o-Xylene
Concen: 27.18 ug/L
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

Tgt Ion:106 Resp: 121643
Ion Ratio Lower Upper
106 100
91 213.6 156.2 290.0

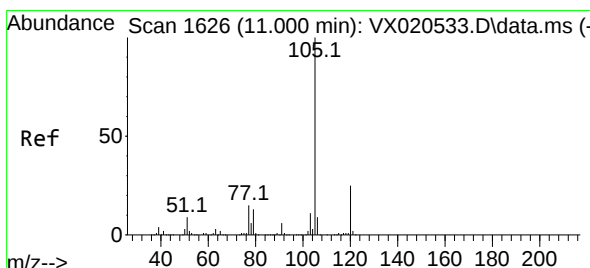
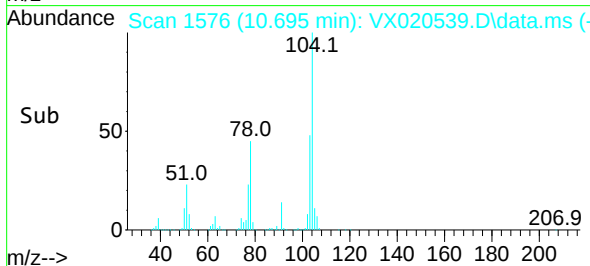
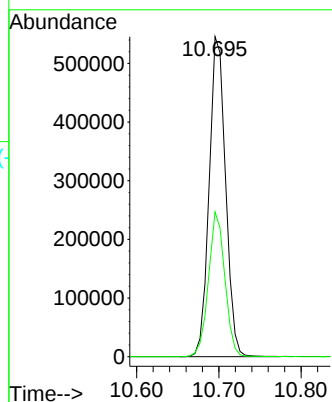
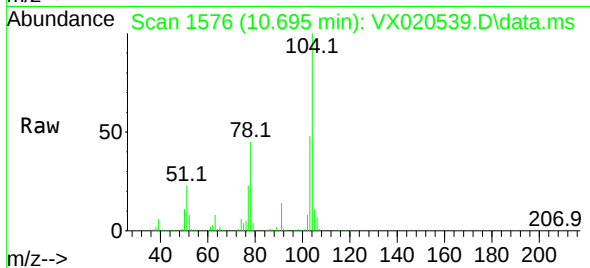




#55
Styrene
Concen: 99.84 ug/L
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

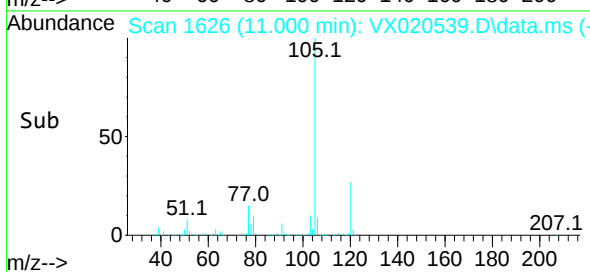
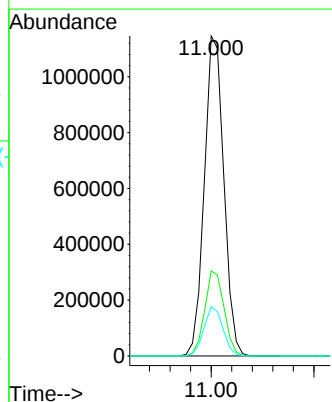
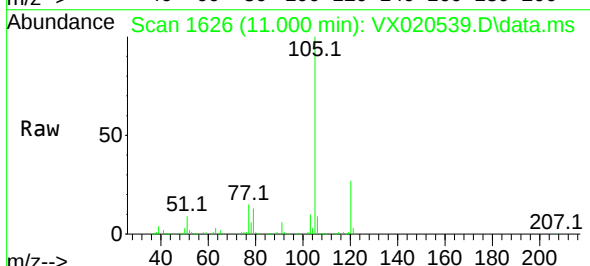
Instrument :
MSVOA_X
ClientSampled :
X2X38

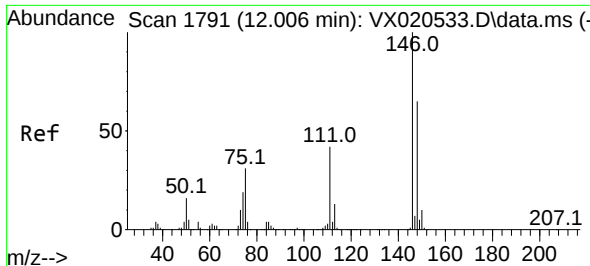
Tgt Ion:104 Resp: 756491
Ion Ratio Lower Upper
104 100
78 45.2 30.0 55.6



#60
Isopropylbenzene
Concen: 121.89 ug/L
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

Tgt Ion:105 Resp: 1512545
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 15.2 12.6 18.8

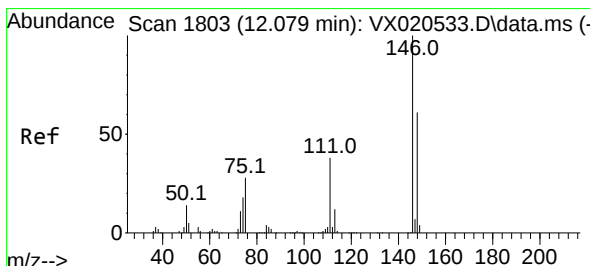
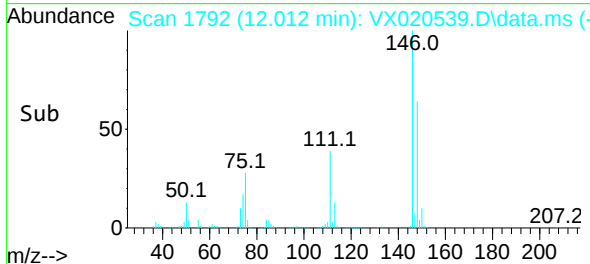
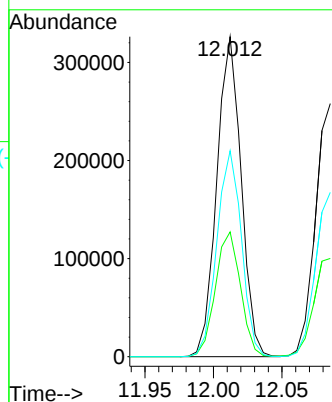
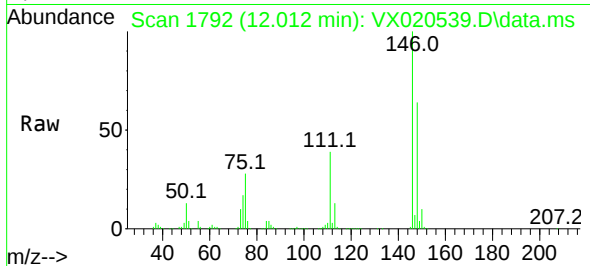




#64
1,3-Dichlorobenzene
Concen: 69.64 ug/L
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

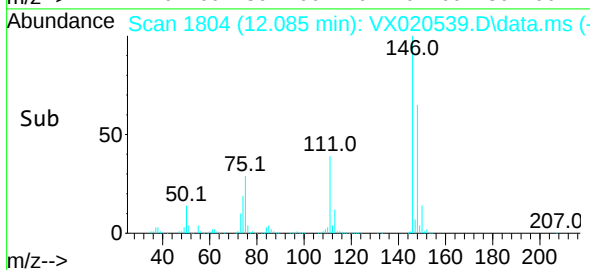
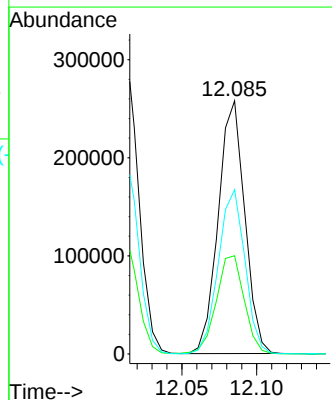
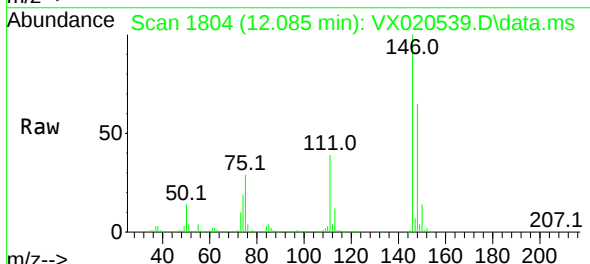
Instrument :
MSVOA_X
ClientSampleId :
X2X38

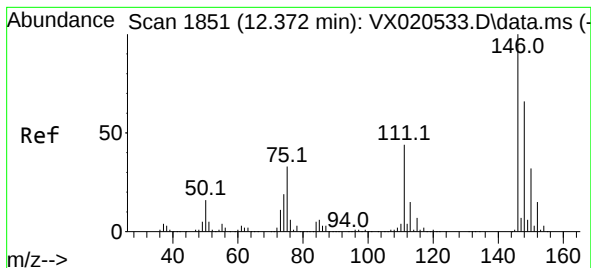
Tgt Ion:146 Resp: 403132
Ion Ratio Lower Upper
146 100
111 39.0 28.9 53.7
148 64.4 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 54.42 ug/L
RT: 12.085 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

Tgt Ion:146 Resp: 318336
Ion Ratio Lower Upper
146 100
111 38.8 28.7 53.3
148 64.9 45.8 85.2

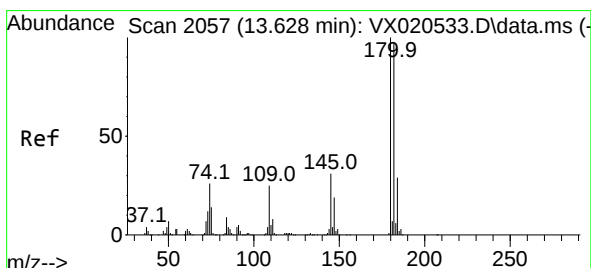
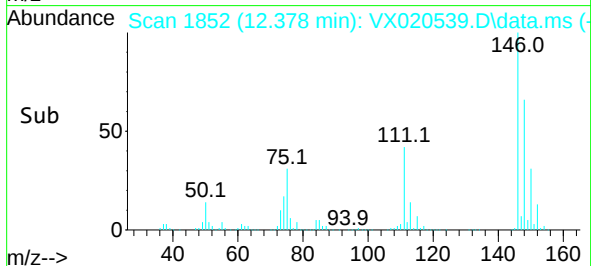
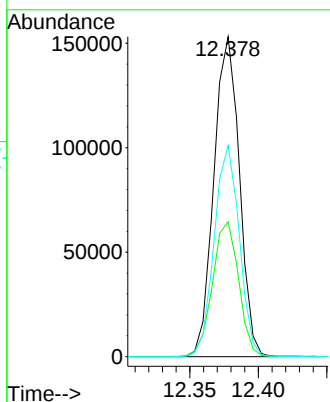
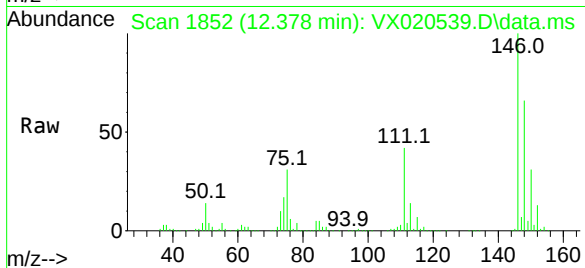




#67
1,2-Dichlorobenzene
Concen: 34.32 ug/L
RT: 12.378 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

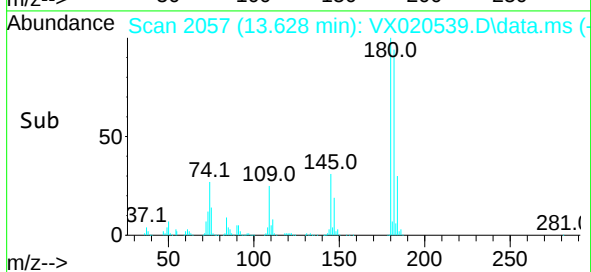
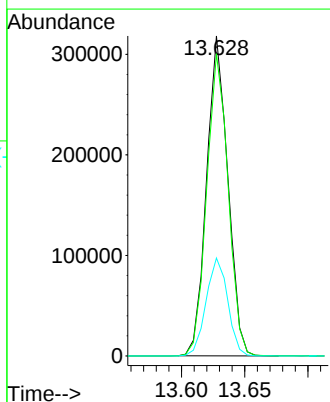
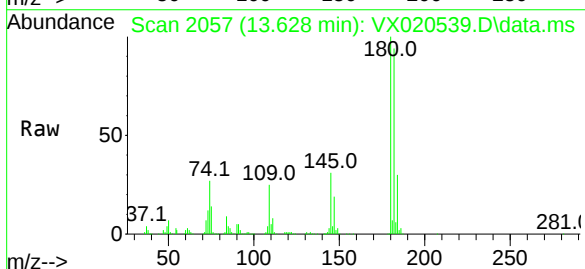
Instrument :
MSVOA_X
ClientSampled :
X2X38

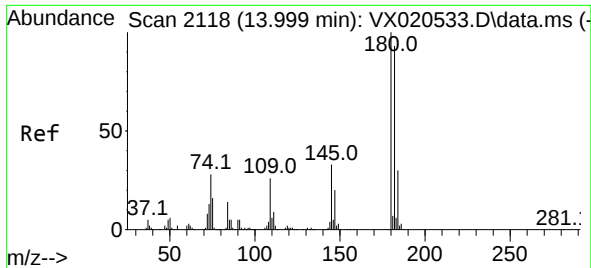
Tgt Ion:146 Resp: 198107
Ion Ratio Lower Upper
146 100
111 42.1 33.8 50.8
148 66.0 51.4 77.2



#70
1,2,4-trichlorobenzene
Concen: 108.53 ug/L
RT: 13.628 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VX020539.D
Acq: 08 Jan 2021 15:12

Tgt Ion:180 Resp: 371384
Ion Ratio Lower Upper
180 100
182 95.1 74.3 111.5
145 31.1 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 78.50 ug/L
 RT: 14.006 min Scan# 2119
 Delta R.T. 0.006 min
 Lab File: VX020539.D
 Acq: 08 Jan 2021 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 X2X38

Tgt Ion:180 Resp: 276352

Ion	Ratio	Lower	Upper
180	100		
182	92.0	74.6	112.0
145	31.8	25.6	38.4

