

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031821\
 Data File : VX021278.D
 Acq On : 18 Mar 2021 12:52
 Operator : JC/MD
 Sample : VX0318WBL01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK306

Quant Time: Mar 19 01:24:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR031821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 18 11:53:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.829	114	57086	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	53189	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	23650	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	17879	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.693	69	14125	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.340	63	31010	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.523	46	49678	50.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.22%
24) Chloroform-d	5.135	84	38210	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	6.029	65	21900	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	6.041	84	71860	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	7.365	67	22845	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	0.000	98	0	0.00	ug/L	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.00%#
43) trans-1,3-Dichloroprop...	8.988	79	9422	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	9.424	63	38848	49.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.60%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	16396	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
66) 1,2-Dichlorobenzene-d4	12.359	152	23526	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%
Target Compounds						Qvalue
3) Chloromethane	1.311	50	2808	0.42	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.352	101	507	0.12	ug/L #	39
12) 1,1-Dichloroethene	2.340	96	465	0.12	ug/L #	1
14) Carbon disulfide	2.546	76	1178	0.09	ug/L	96
15) Methyl Acetate	2.746	43	277	0.15	ug/L #	49
16) Methylene chloride	2.829	84	3819	0.75	ug/L	87
25) Chloroform	5.182	83	743	0.09	ug/L #	64
37) 1,2-Dichloropropane	7.365	63	3023	0.68	ug/L #	85
44) trans-1,3-Dichloropropene	8.994	75	921	0.16	ug/L #	75
57) 1,1,2,2-Tetrachloroethane	11.247	83	253	0.07	ug/L #	86
60) Isopropylbenzene	11.000	105	986	0.05	ug/L #	94
61) 1,2,3-Trichloropropane	11.271	75	191	0.08	ug/L #	42
62) 1,3,5-Trimethylbenzene	11.489	105	758	0.05	ug/L	100
63) 1,2,4-Trimethylbenzene	11.789	105	848	0.05	ug/L	90
64) 1,3-Dichlorobenzene	12.006	146	608	0.07	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	13.148	75	131	0.21	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.154	180	340	0.06	ug/L #	83
71) Naphthalene	13.818	128	744	0.08	ug/L #	74
72) 1,2,3-Trichlorobenzene	14.001	180	305	0.07	ug/L #	95

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Instrument :
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Quant Time: Mar 19 01:24:41 2021
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 18 11:53:19 2021
Response via : Initial Calibration

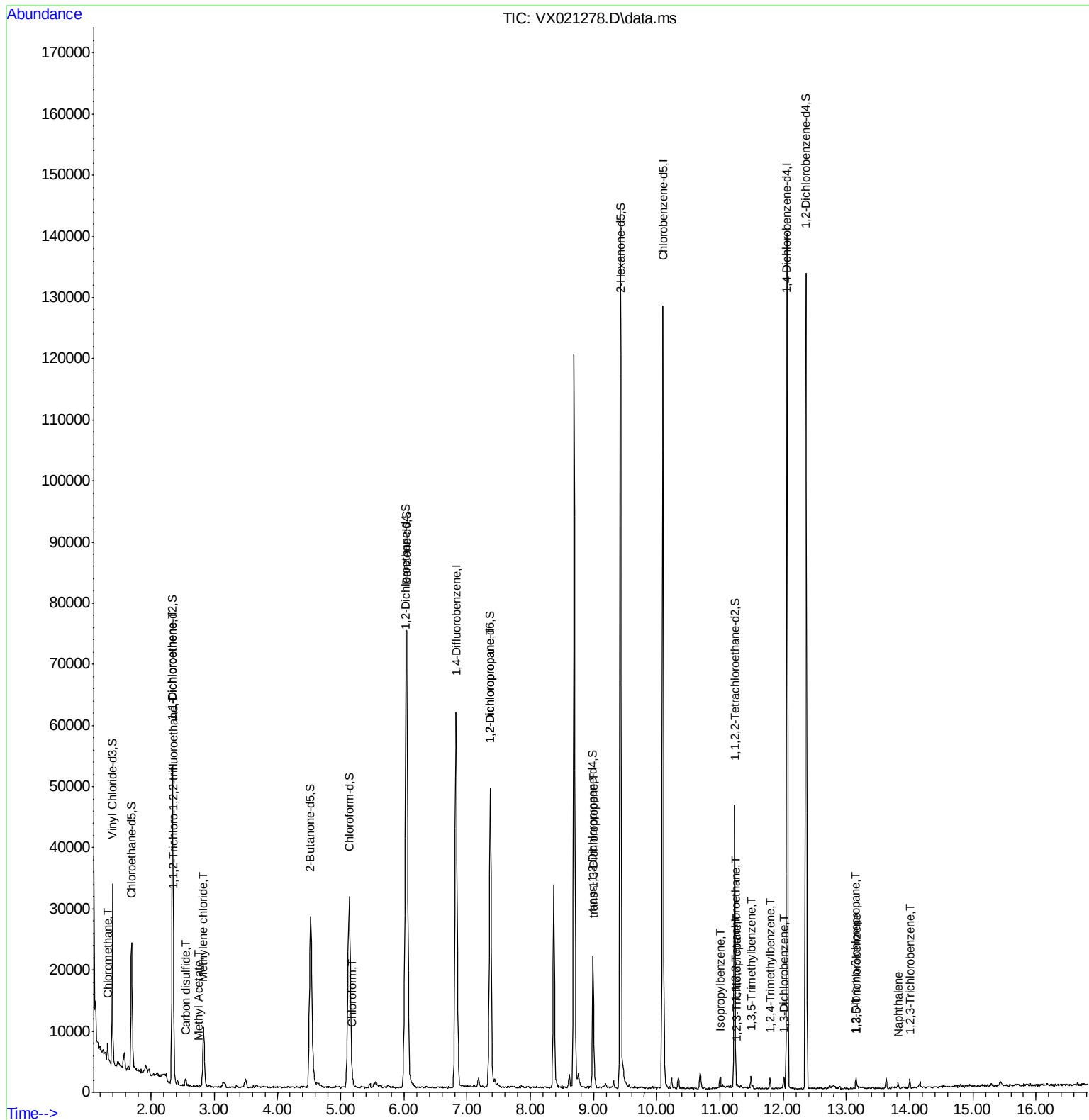
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

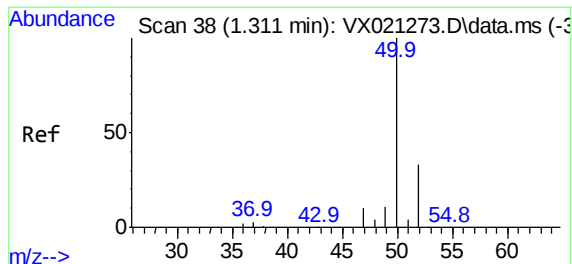
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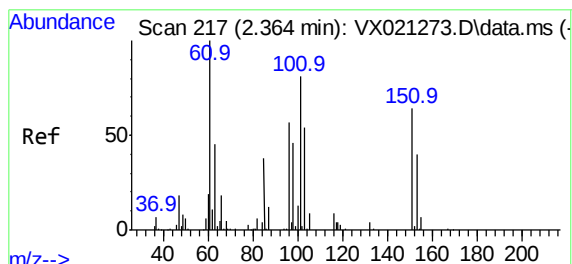
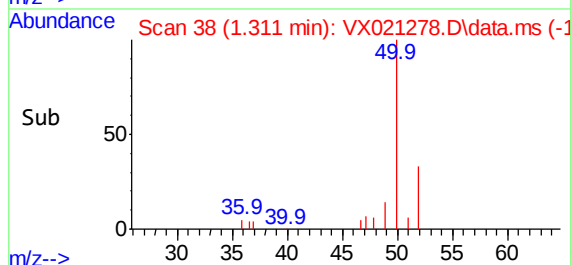
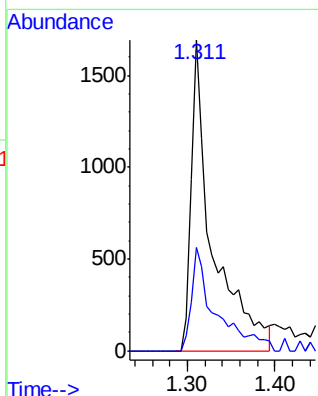
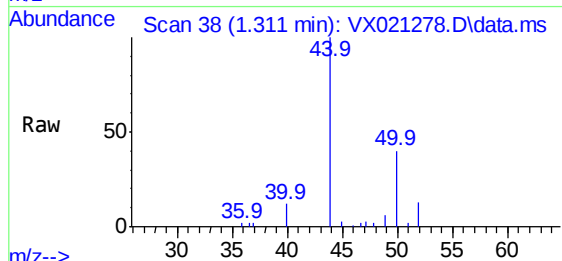




#3
Chloromethane
Concen: 0.42 ug/L
RT: 1.311 min Scan# 38
Delta R.T. 0.000 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

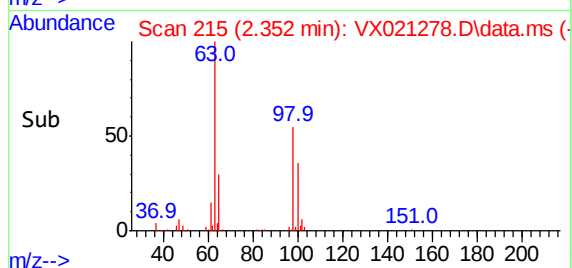
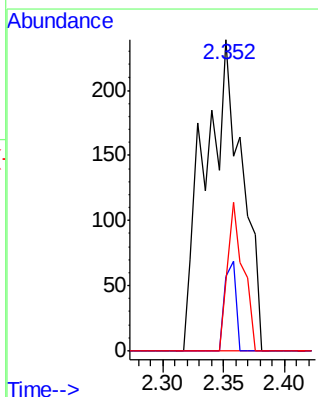
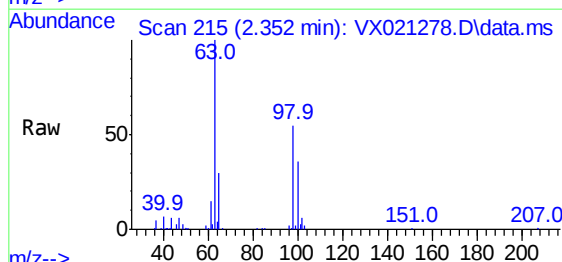
Instrument :
MSVOA_X
ClientSampled :
VBLK306

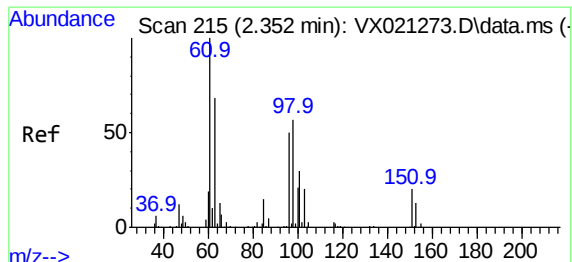
Tgt Ion: 50 Resp: 2808
Ion Ratio Lower Upper
50 100
52 33.4 23.5 43.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.12 ug/L
RT: 2.352 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

Tgt Ion:101 Resp: 507
Ion Ratio Lower Upper
101 100
85 8.7 34.9 52.3#
151 20.3 61.0 91.6#

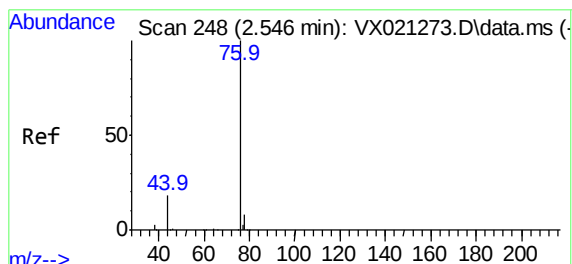
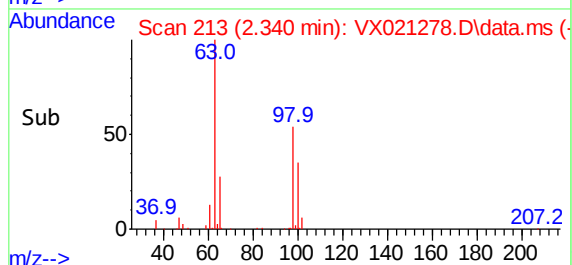
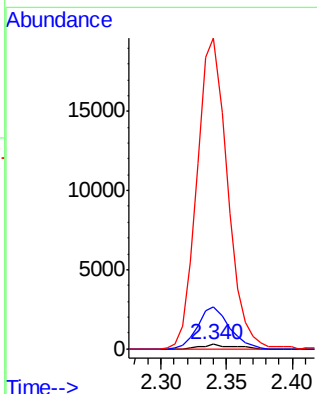
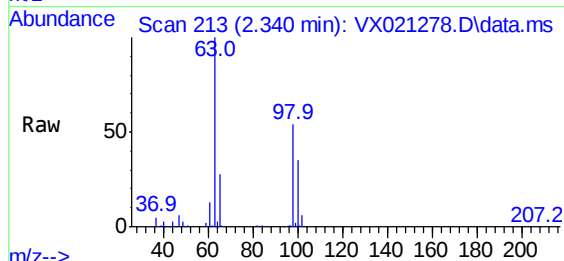




#12
1,1-Dichloroethene
Concen: 0.12 ug/L
RT: 2.340 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

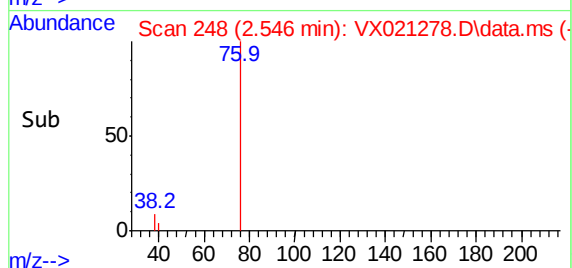
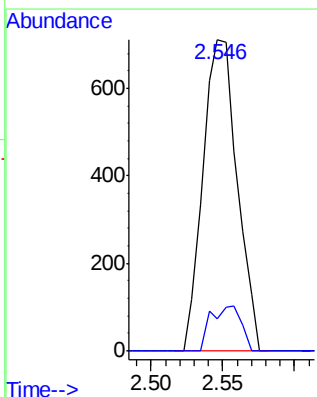
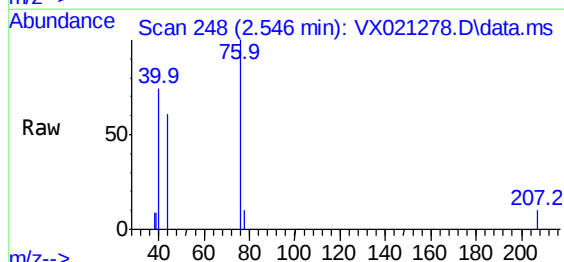
Instrument :
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ClientSampleId :
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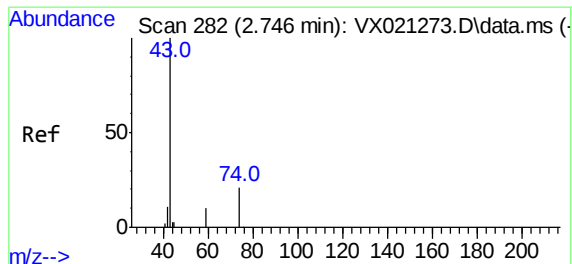
Tgt Ion: 96 Resp: 465
Ion Ratio Lower Upper
96 100
61 988.6 118.2 219.6#
63 7436.4 74.2 137.8#



#14
Carbon disulfide
Concen: 0.09 ug/L
RT: 2.546 min Scan# 248
Delta R.T. 0.000 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

Tgt Ion: 76 Resp: 1178
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.6

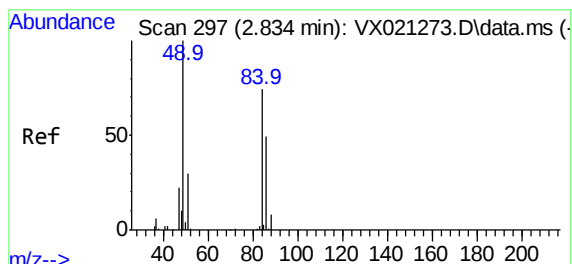
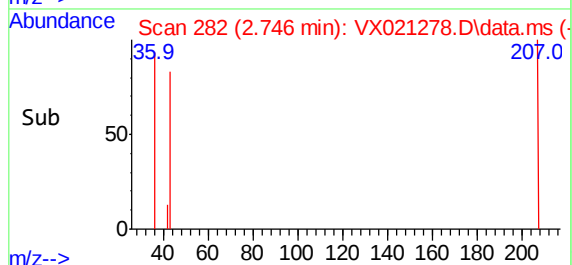
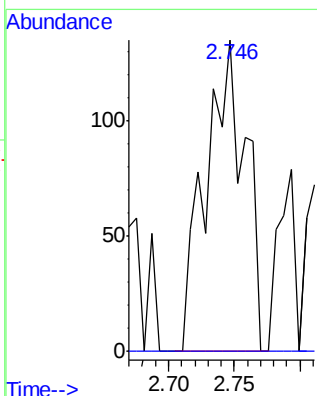
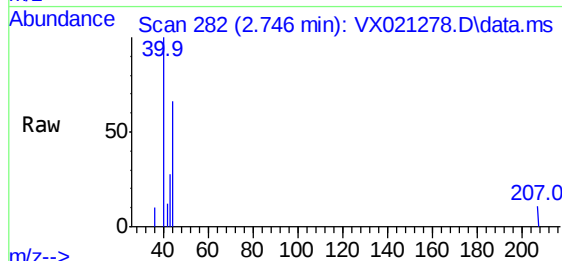




#15
Methyl Acetate
Concen: 0.15 ug/L
RT: 2.746 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

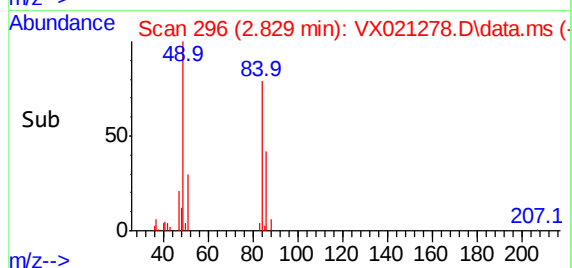
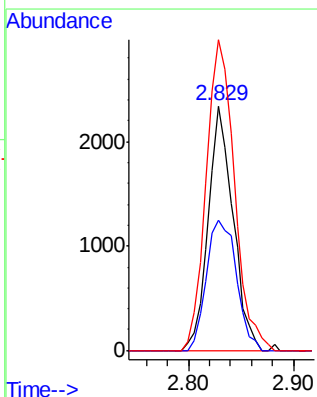
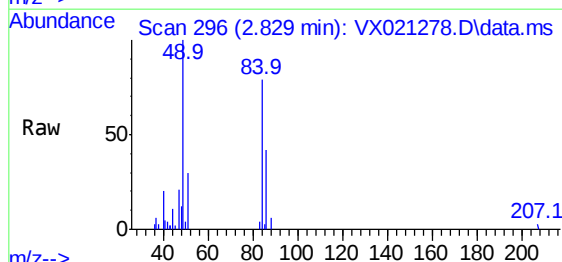
Instrument :
MSVOA_X
ClientSampleId :
VBLK306

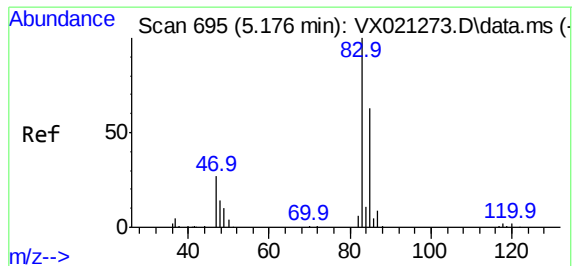
Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
74 0.0 21.1 31.7#



#16
Methylene chloride
Concen: 0.75 ug/L
RT: 2.829 min Scan# 296
Delta R.T. -0.006 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

Tgt Ion: 84 Resp: 3819
Ion Ratio Lower Upper
84 100
86 53.5 44.6 82.8
49 127.0 79.5 147.6

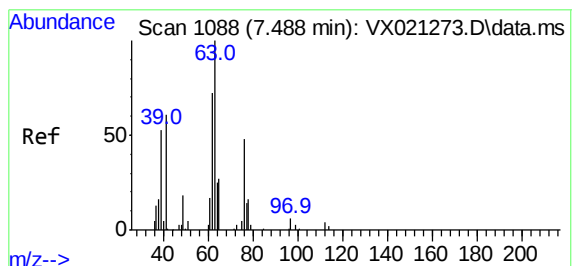
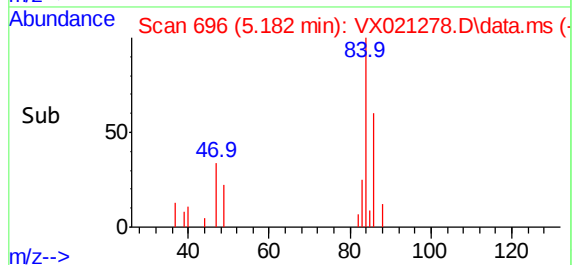
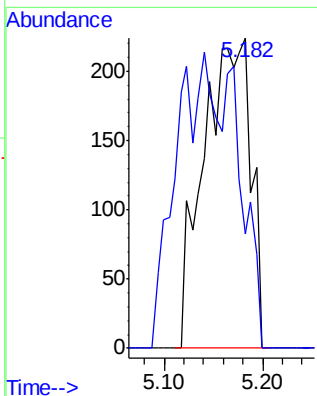
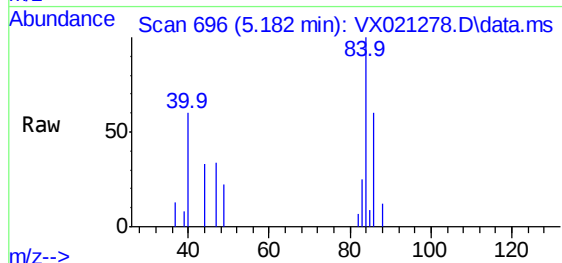




#25
Chloroform
Concen: 0.09 ug/L
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

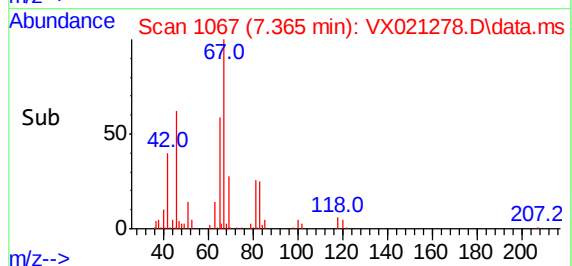
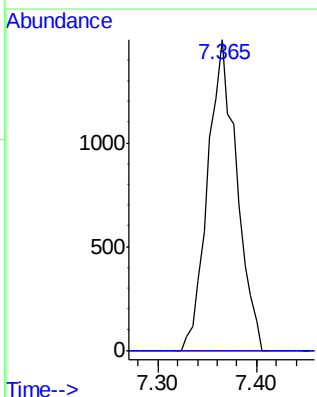
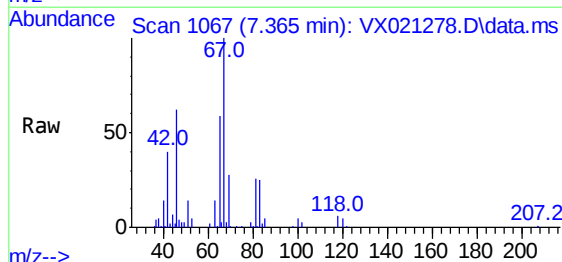
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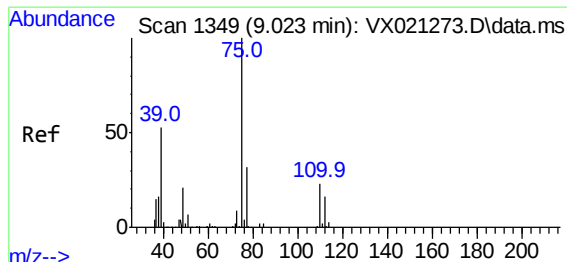
Tgt Ion: 83 Resp: 743
Ion Ratio Lower Upper
83 100
85 37.1 45.6 84.8#



#37
1,2-Dichloropropane
Concen: 0.68 ug/L
RT: 7.365 min Scan# 1067
Delta R.T. -0.123 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

Tgt Ion: 63 Resp: 3023
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



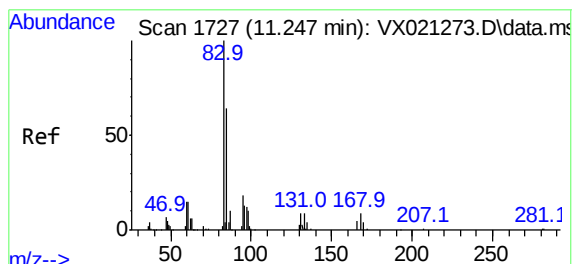
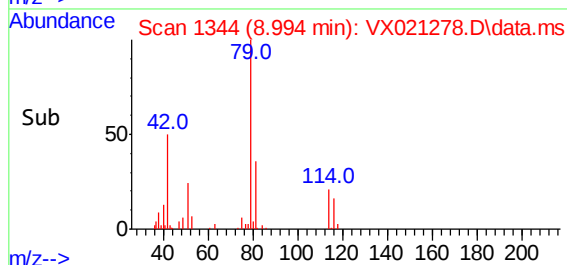
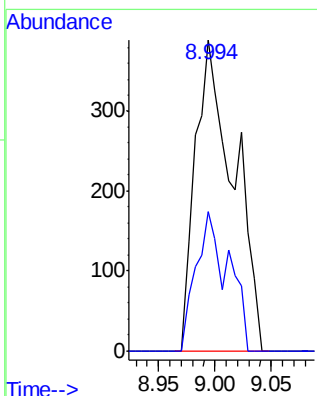
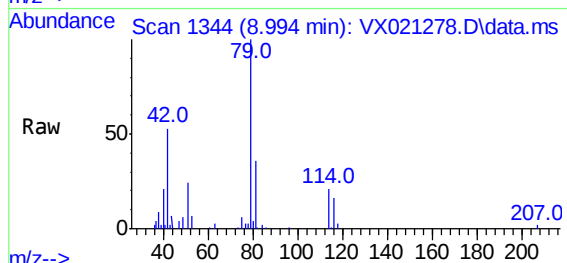


#44

trans-1,3-Dichloropropene
Concen: 0.16 ug/L
RT: 8.994 min Scan# 1344
Delta R.T. -0.029 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

Instrument :
MSVOA_X
ClientSampled :
VBLK306

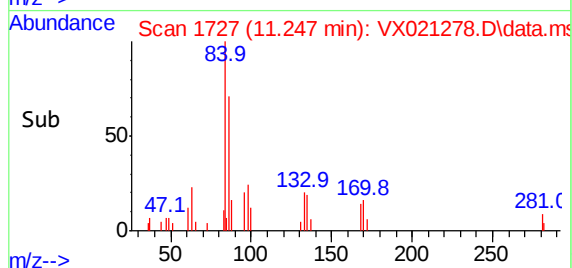
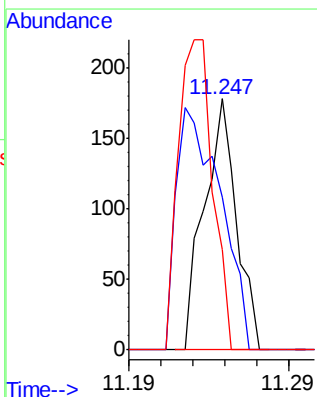
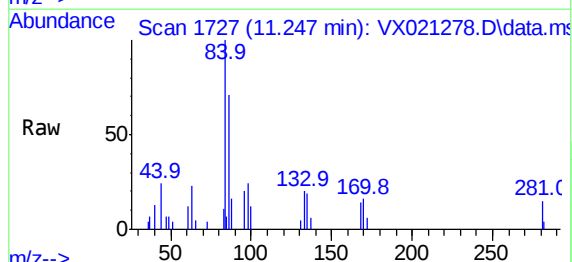
Tgt Ion: 75 Resp: 921
Ion Ratio Lower Upper
75 100
77 44.7 21.7 40.3#

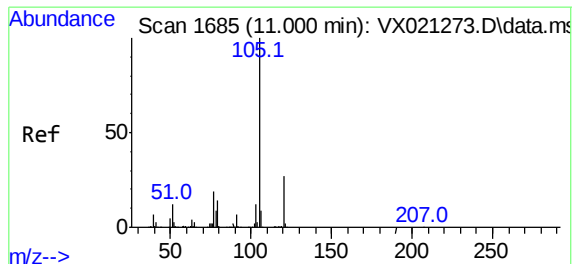


#57

1,1,2,2-Tetrachloroethane
Concen: 0.07 ug/L
RT: 11.247 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

Tgt Ion: 83 Resp: 253
Ion Ratio Lower Upper
83 100
85 60.7 44.6 82.8
131 39.9 8.2 12.2#

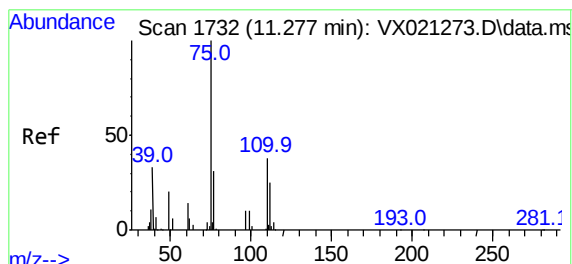
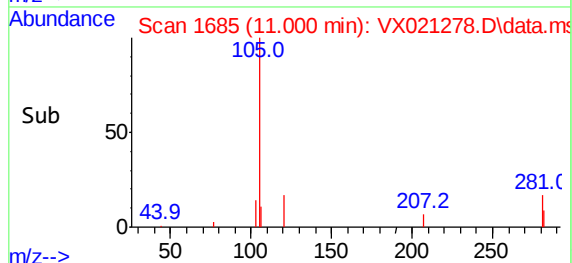
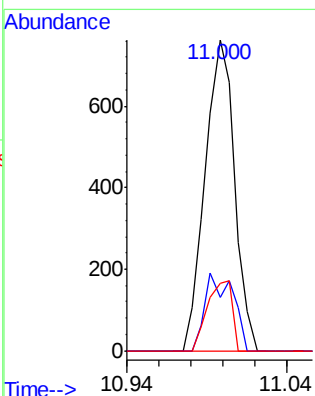
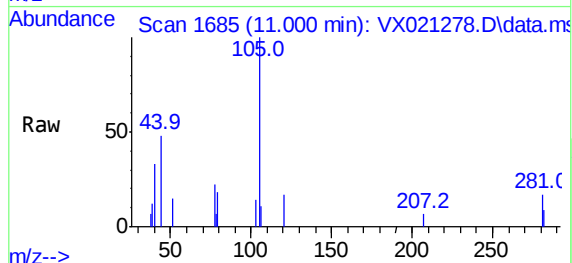




#60
Isopropylbenzene
Concen: 0.05 ug/L
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

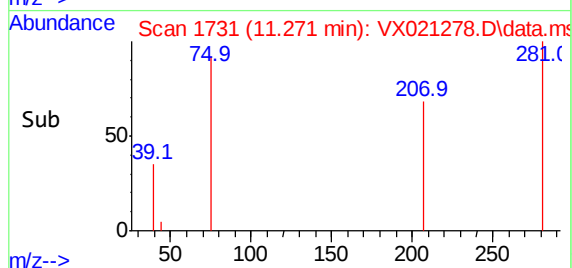
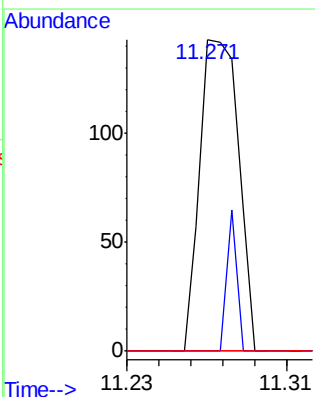
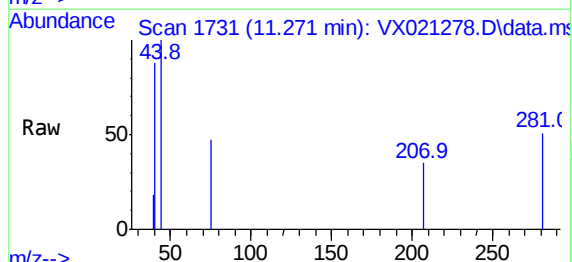
Instrument :
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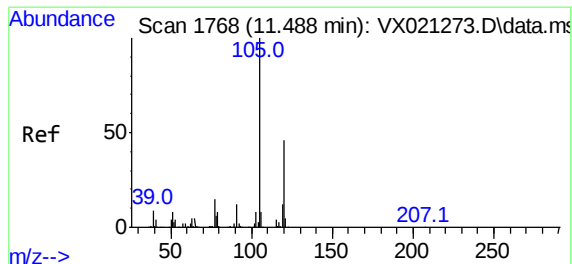
Tgt Ion:	105	Resp:	986
Ion	Ratio	Lower	Upper
105	100		
120	23.6	21.1	31.7
77	18.9	12.4	18.6



#61
1,2,3-Trichloropropane
Concen: 0.08 ug/L
RT: 11.271 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

Tgt Ion:	75	Resp:	191
Ion	Ratio	Lower	Upper
75	100		
77	61.3	26.3	39.5
110	0.0	32.1	48.1

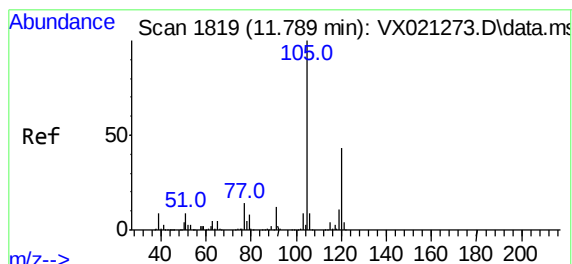
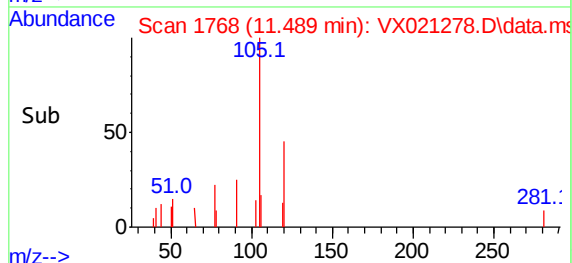
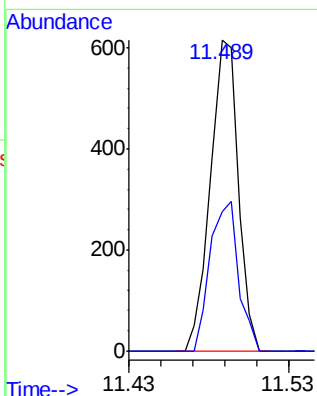
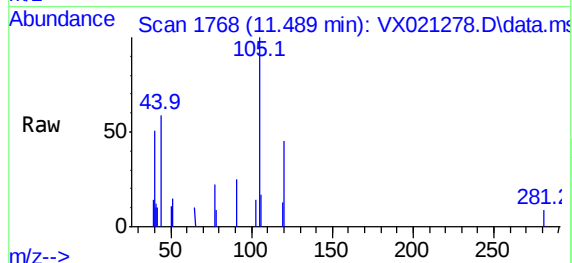




#62
1,3,5-Trimethylbenzene
Concen: 0.05 ug/L
RT: 11.489 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

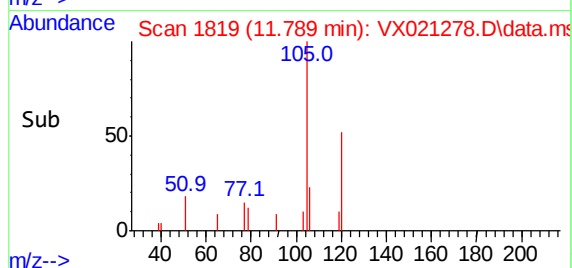
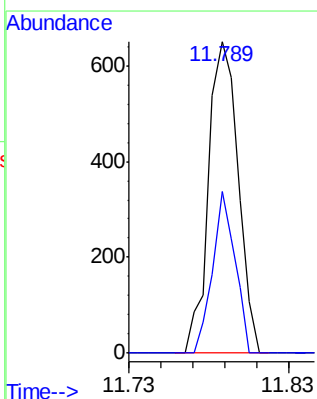
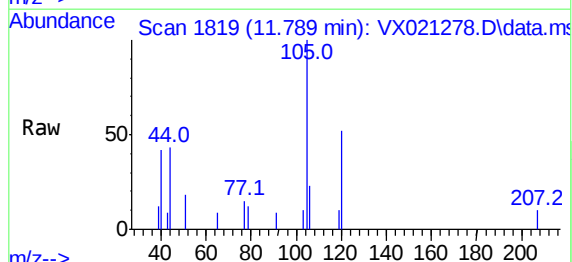
Instrument :
MSVOA_X
ClientSampleId :
VBLK306

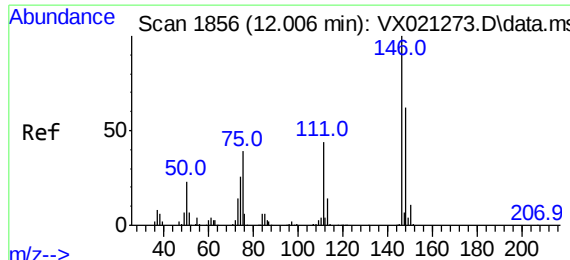
Tgt Ion:105 Resp: 758
Ion Ratio Lower Upper
105 100
120 48.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 0.05 ug/L
RT: 11.789 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

Tgt Ion:105 Resp: 848
Ion Ratio Lower Upper
105 100
120 39.0 36.5 54.7

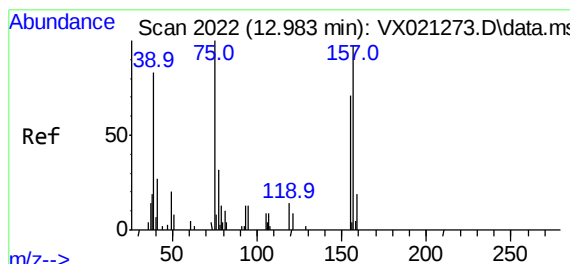
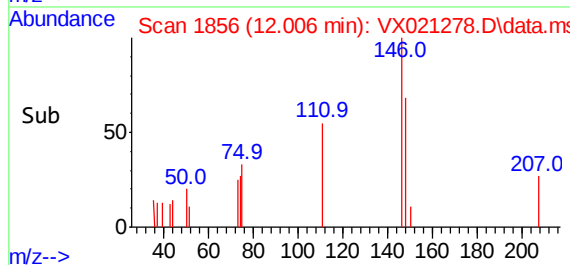
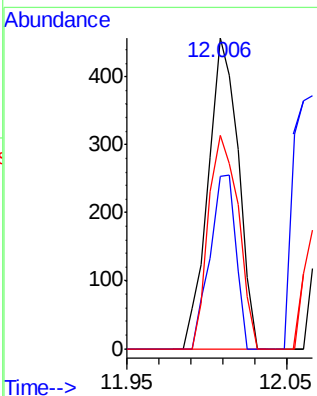
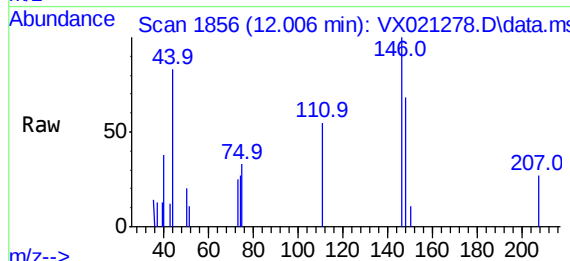




#64
1,3-Dichlorobenzene
Concen: 0.07 ug/L
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

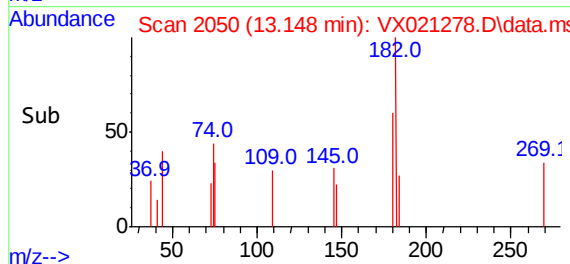
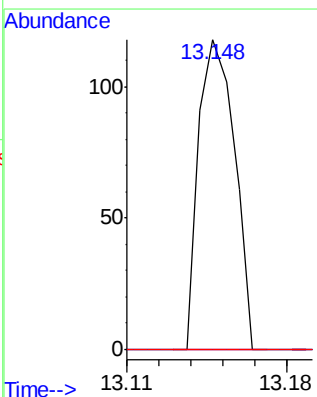
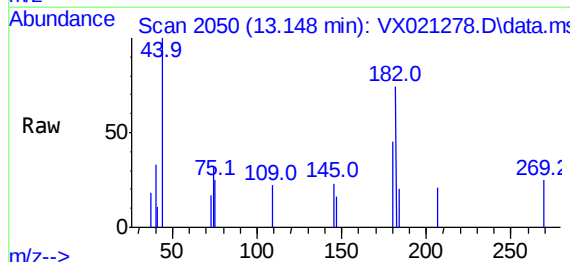
Instrument :
MSVOA_X
ClientSampled :
VBLK306

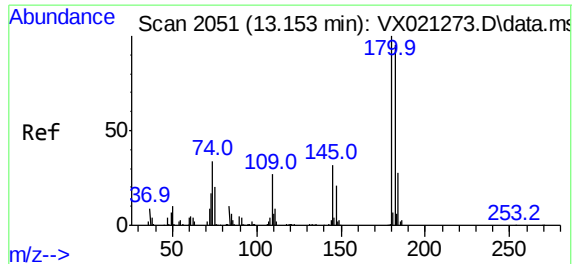
Tgt Ion:146 Resp: 608
Ion Ratio Lower Upper
146 100
111 55.4 28.2 52.4#
148 68.5 41.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 0.21 ug/L
RT: 13.148 min Scan# 2050
Delta R.T. 0.165 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

Tgt Ion: 75 Resp: 131
Ion Ratio Lower Upper
75 100
155 0.0 69.8 104.8#
157 0.0 90.0 135.0#

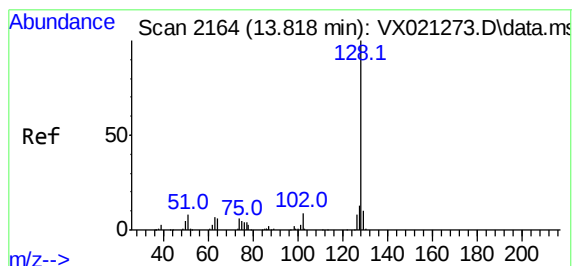
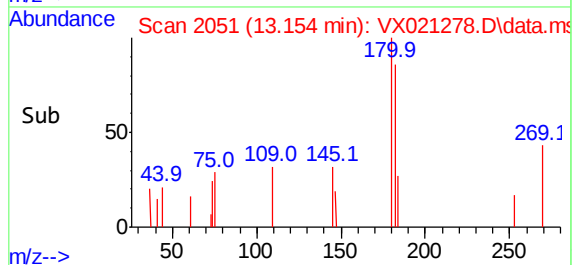
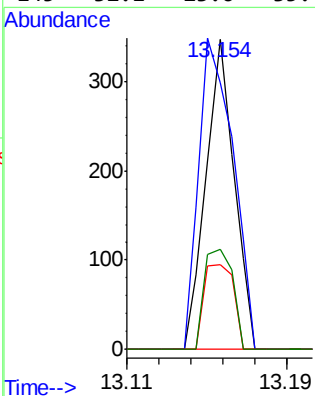
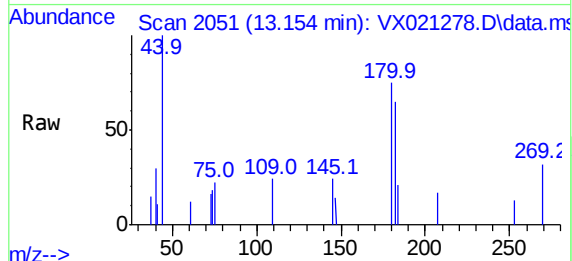




#69
1,3,5-Trichlorobenzene
Concen: 0.06 ug/L
RT: 13.154 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

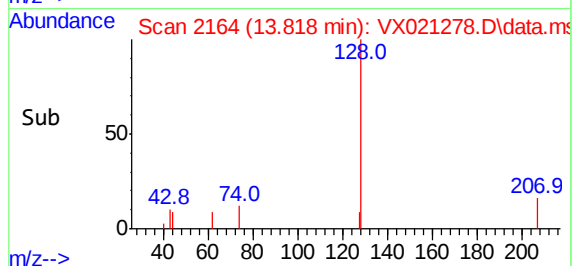
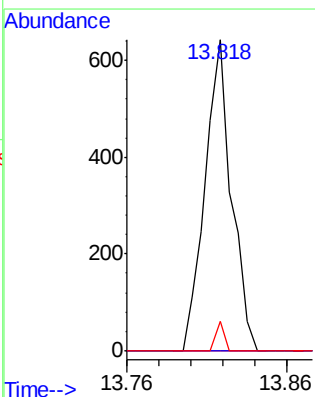
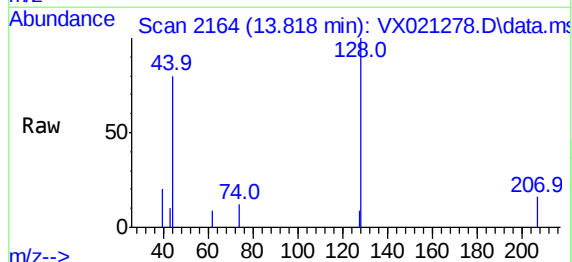
Instrument :
MSVOA_X
ClientSampled :
VBLK306

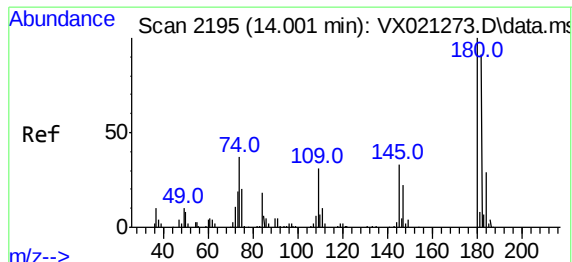
Tgt Ion:	180	Resp:	340
Ion	Ratio	Lower	Upper
180	100		
182	121.2	77.0	115.4#
184	28.2	24.6	36.8
145	32.1	23.6	35.4



#71
Naphthalene
Concen: 0.08 ug/L
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021278.D
Acq: 18 Mar 2021 12:52

Tgt Ion:	128	Resp:	744
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.4	12.6#
127	3.0	10.1	15.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.07 ug/L
 RT: 14.001 min Scan# 2195
 Delta R.T. 0.000 min
 Lab File: VX021278.D
 Acq: 18 Mar 2021 12:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK306

Tgt Ion:180 Resp: 305
 Ion Ratio Lower Upper
 180 100
 182 102.0 79.3 118.9
 145 25.6 26.5 39.7#

