

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031821\
 Data File : VX021276.D
 Acq On : 18 Mar 2021 11:51
 Operator : JC/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Mar 19 01:23:20 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	60508	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	55124	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	26578	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	18820	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.693	69	14029	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.340	63	31898	3.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.20%
20) 2-Butanone-d5	4.523	46	51239	49.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.50%
24) Chloroform-d	5.141	84	38907	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	6.035	65	22732	4.69	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	6.041	84	74494	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	7.364	67	22905	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	8.694	98	71370	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloroprop...	8.988	79	9940	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	9.424	63	40833	50.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.00%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	16626	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
66) 1,2-Dichlorobenzene-d4	12.359	152	24209	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%
Target Compounds						
3) Chloromethane	1.311	50	1147	0.16	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.346	101	408	0.09	ug/L #	23
12) 1,1-Dichloroethene	2.346	96	433	0.10	ug/L #	1
14) Carbon disulfide	2.546	76	1971	0.14	ug/L	100
16) Methylene chloride	2.829	84	1189	0.22	ug/L	84
37) 1,2-Dichloropropane	7.364	63	2979	0.65	ug/L #	85
39) cis-1,3-Dichloropropene	8.370	75	943	0.13	ug/L	91
44) trans-1,3-Dichloropropene	8.994	75	910	0.15	ug/L	93
48) 2-Hexanone	9.424	43	5749	2.72	ug/L #	64
60) Isopropylbenzene	11.000	105	562	0.03	ug/L #	82
61) 1,2,3-Trichloropropane	12.006	75	260	0.09	ug/L #	52
62) 1,3,5-Trimethylbenzene	11.489	105	468	0.03	ug/L	97
63) 1,2,4-Trimethylbenzene	11.789	105	602	0.03	ug/L	99
64) 1,3-Dichlorobenzene	12.012	146	651	0.07	ug/L #	81
65) 1,4-Dichlorobenzene	12.083	146	836	0.09	ug/L #	87
68) 1,2-Dibromo-3-chloropr...	13.148	75	211	0.30	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.153	180	643	0.09	ug/L	90
70) 1,2,4-trichlorobenzene	13.624	180	923	0.16	ug/L	98
71) Naphthalene	13.818	128	1035	0.10	ug/L	98
72) 1,2,3-Trichlorobenzene	14.001	180	736	0.14	ug/L	98

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

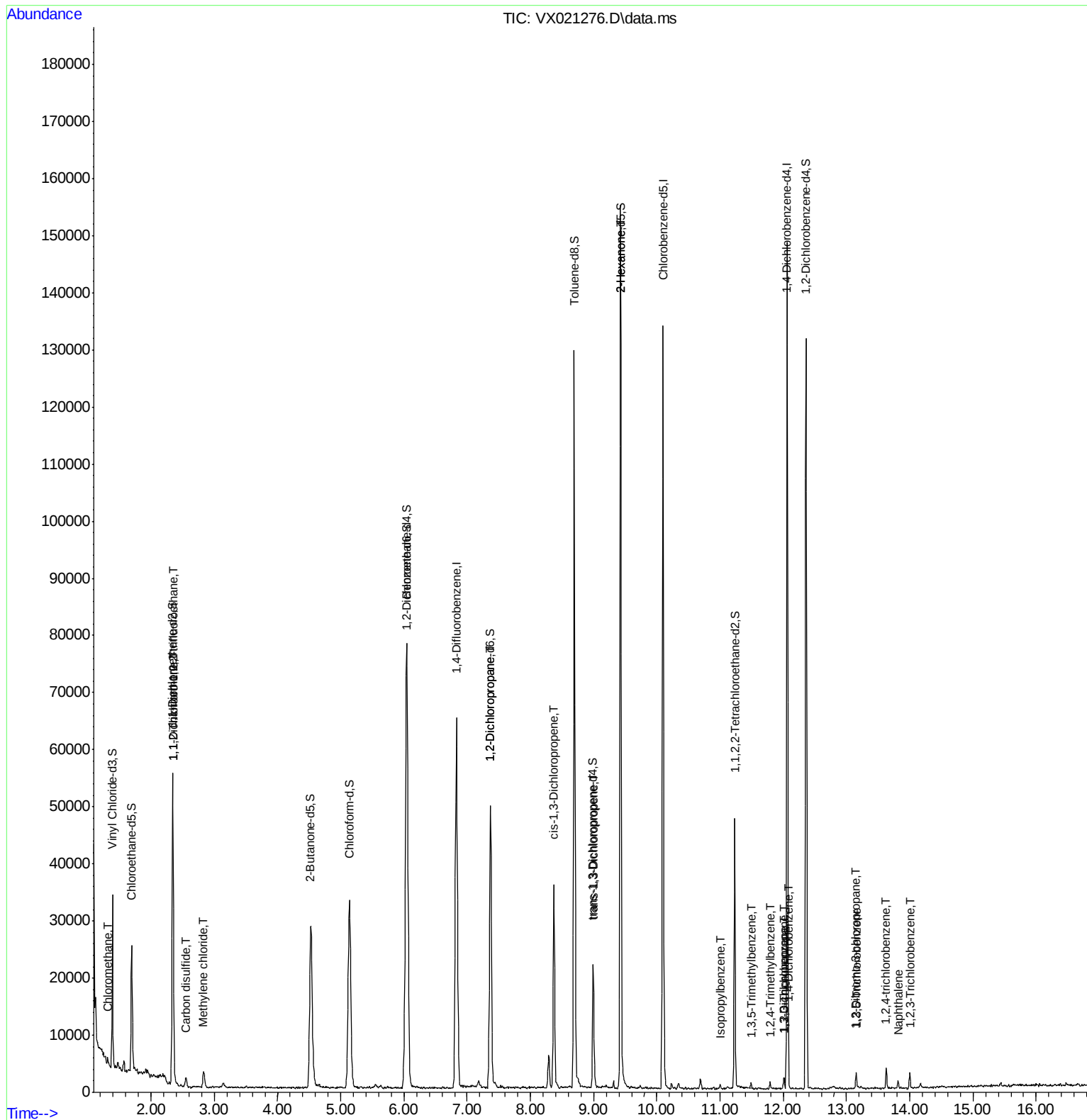
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

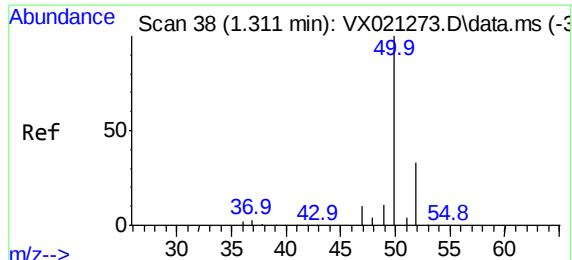
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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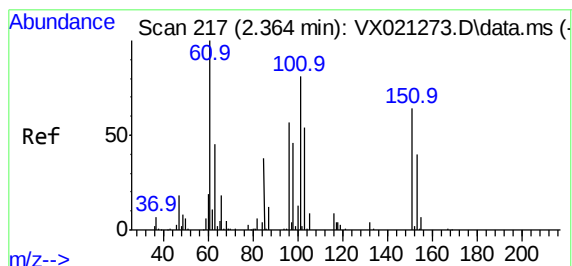
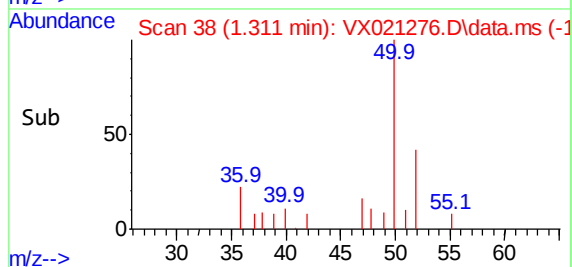
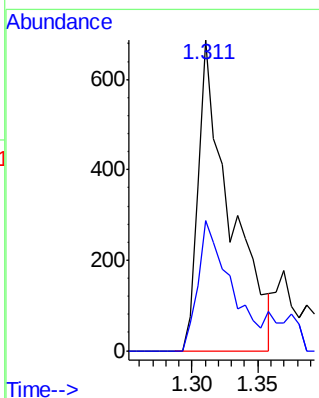
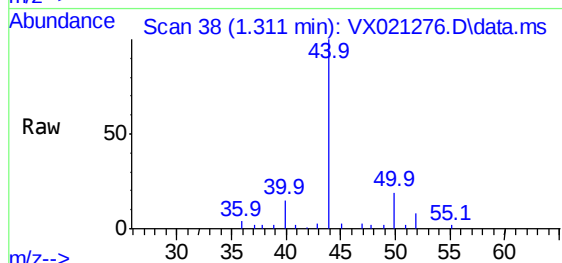




#3
Chloromethane
Concen: 0.16 ug/L
RT: 1.311 min Scan# 38
Delta R.T. 0.000 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

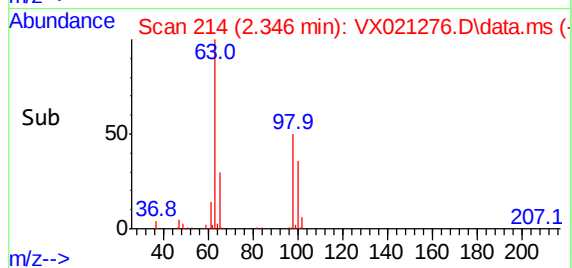
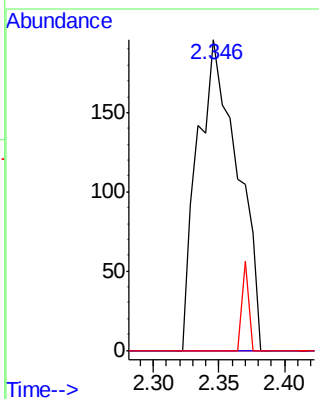
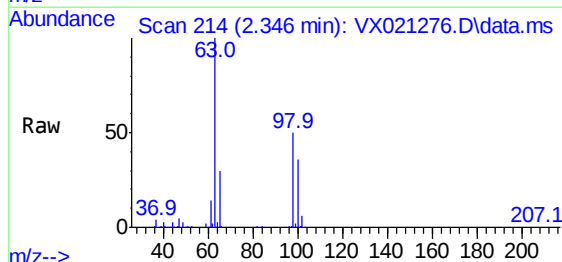
Instrument :
MSVOA_X
ClientSampled :
VIBLK

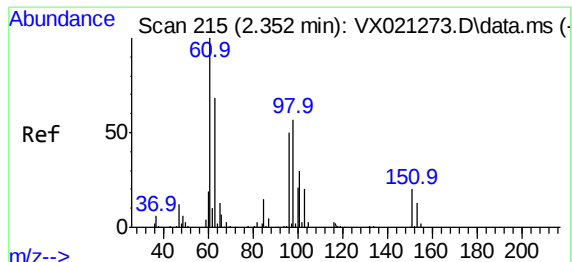
Tgt Ion: 50 Resp: 1147
Ion Ratio Lower Upper
50 100
52 41.9 23.5 43.7



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.09 ug/L
RT: 2.346 min Scan# 214
Delta R.T. -0.018 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

Tgt Ion:101 Resp: 408
Ion Ratio Lower Upper
101 100
85 0.0 34.9 52.3#
151 4.9 61.0 91.6#

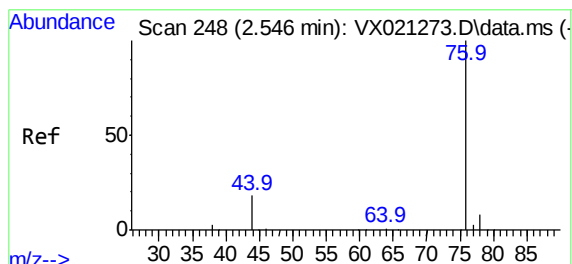
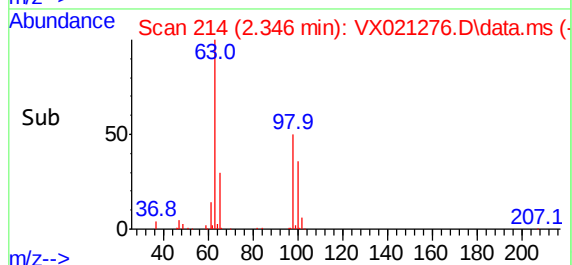
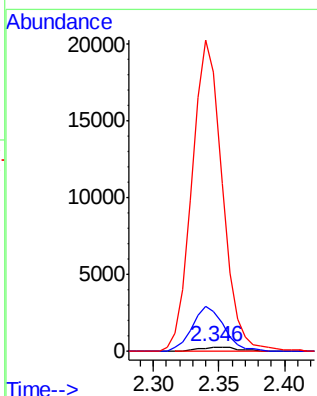
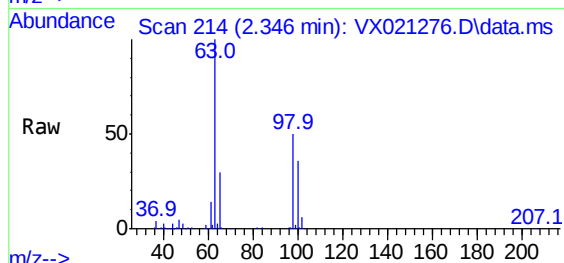




#12
1,1-Dichloroethene
Concen: 0.10 ug/L
RT: 2.346 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

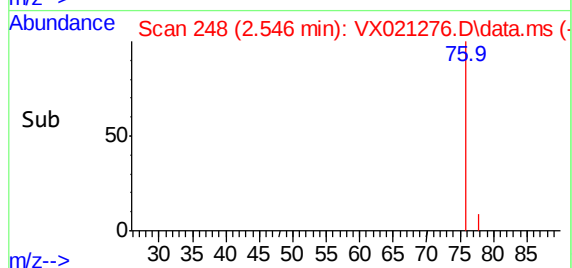
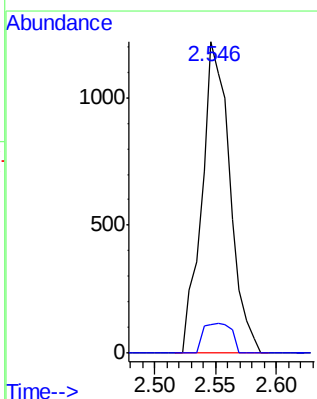
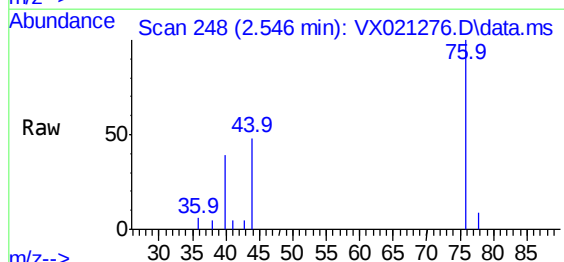
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

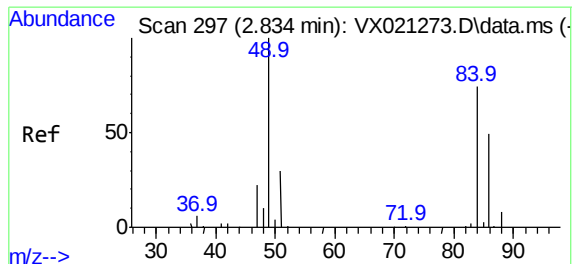
Tgt Ion: 96 Resp: 433
Ion Ratio Lower Upper
96 100
61 1060.0 118.2 219.6#
63 7576.7 74.2 137.8#



#14
Carbon disulfide
Concen: 0.14 ug/L
RT: 2.546 min Scan# 248
Delta R.T. 0.000 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

Tgt Ion: 76 Resp: 1971
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

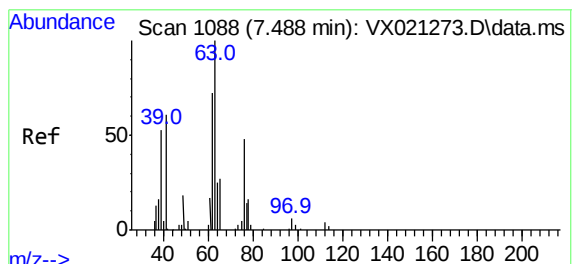
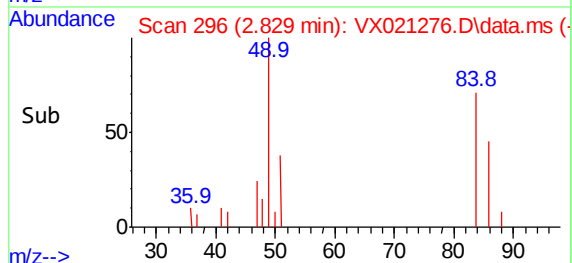
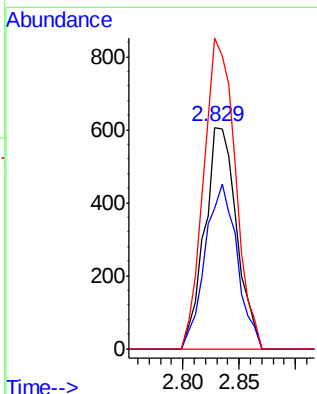
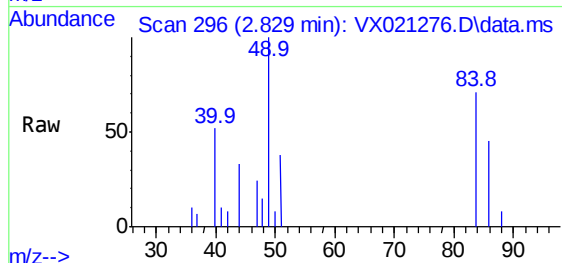




#16
Methylene chloride
Concen: 0.22 ug/L
RT: 2.829 min Scan# 296
Delta R.T. -0.006 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

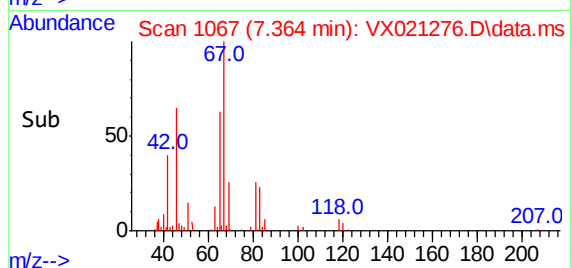
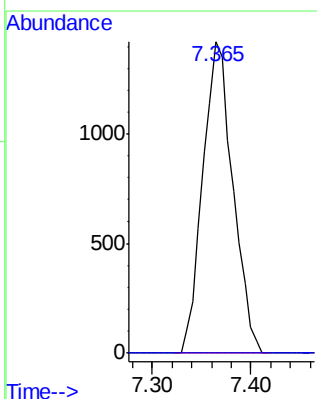
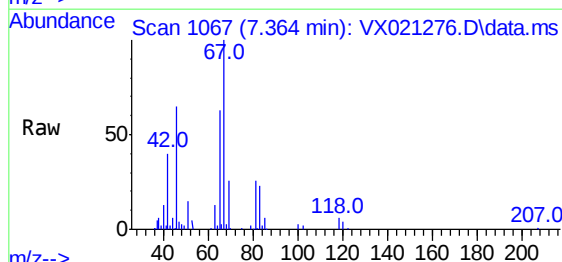
Instrument :
MSVOA_X
ClientSampled :
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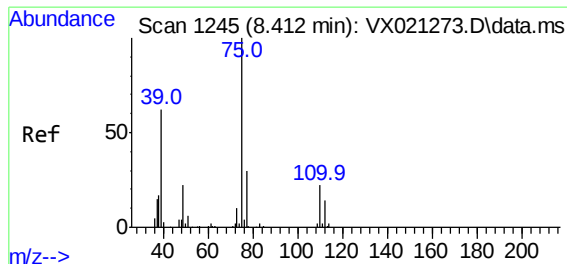
Tgt Ion: 84 Resp: 1189
Ion Ratio Lower Upper
84 100
86 63.6 44.6 82.8
49 140.2 79.5 147.6



#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 7.364 min Scan# 1067
Delta R.T. -0.123 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

Tgt Ion: 63 Resp: 2979
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

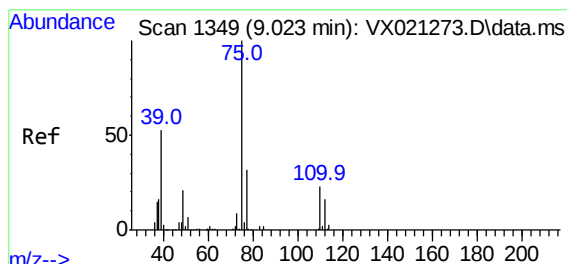
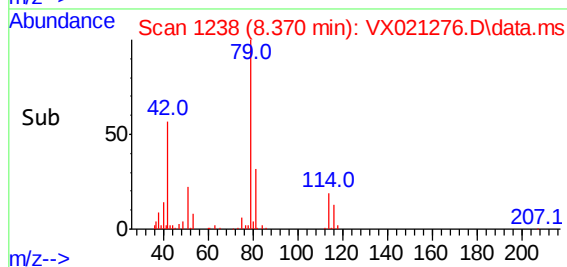
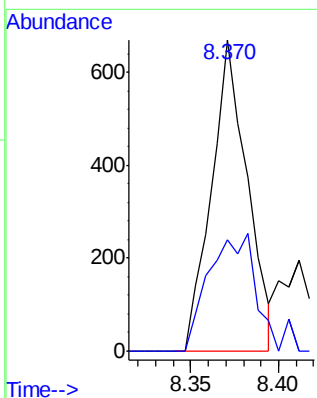
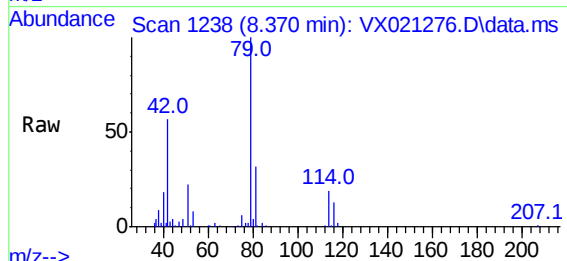




#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 8.370 min Scan# 1238
Delta R.T. -0.041 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

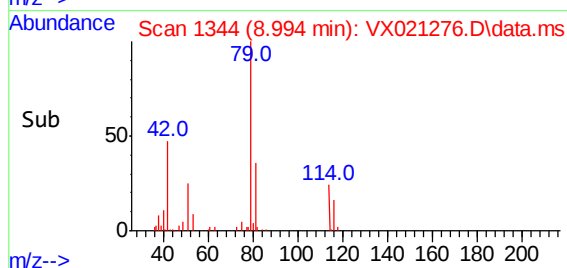
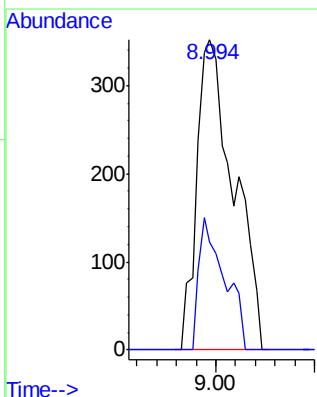
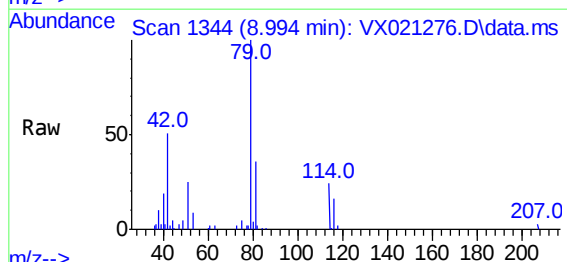
Instrument :
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ClientSampled :
VIBLK

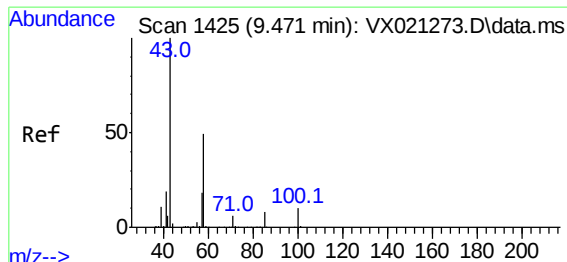
Tgt Ion: 75 Resp: 943
Ion Ratio Lower Upper
75 100
77 35.7 21.6 40.0



#44
trans-1,3-Dichloropropene
Concen: 0.15 ug/L
RT: 8.994 min Scan# 1344
Delta R.T. -0.029 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

Tgt Ion: 75 Resp: 910
Ion Ratio Lower Upper
75 100
77 34.7 21.7 40.3



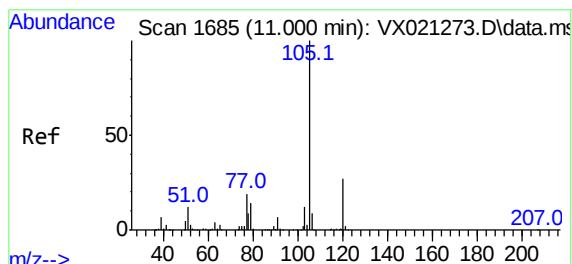
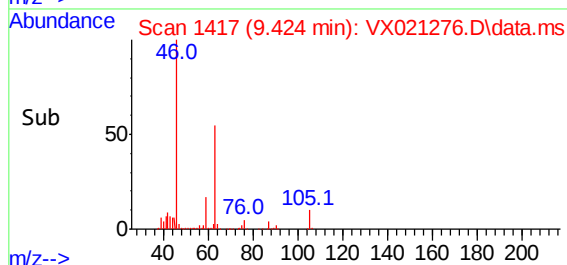
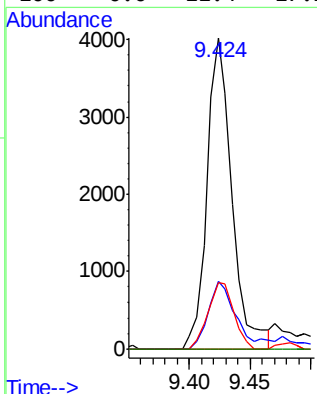
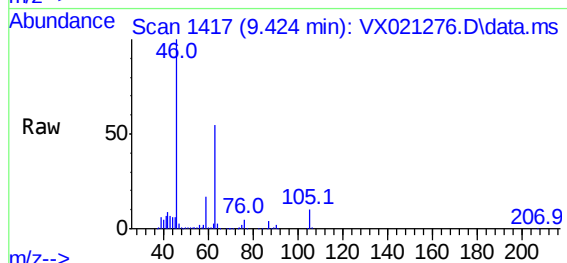


#48
2-Hexanone
Concen: 2.72 ug/L
RT: 9.424 min Scan# 1417
Delta R.T. -0.047 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

Instrument :
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ClientSampled :
VIBLK

Tgt Ion: 43 Resp: 5749

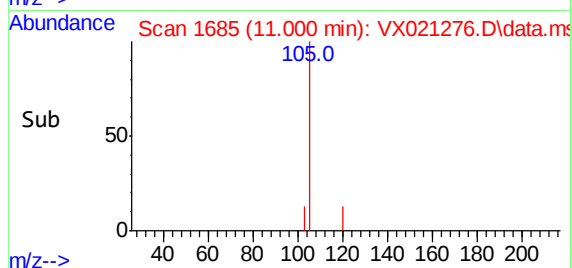
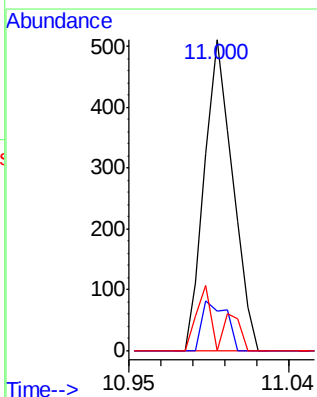
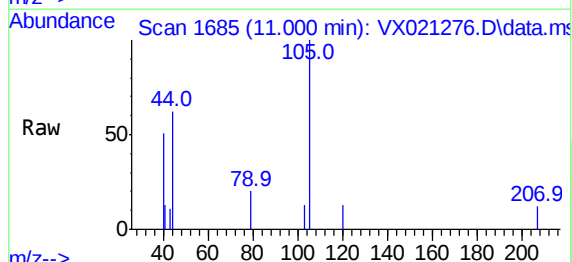
Ion	Ratio	Lower	Upper
43	100		
58	24.8	48.8	73.2#
57	22.1	16.6	25.0
100	0.0	11.4	17.2#

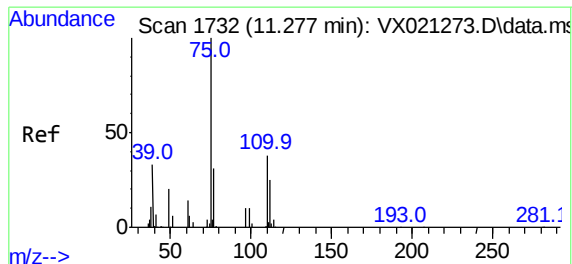


#60
Isopropylbenzene
Concen: 0.03 ug/L
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

Tgt Ion: 105 Resp: 562

Ion	Ratio	Lower	Upper
105	100		
120	13.3	21.1	31.7#
77	17.4	12.4	18.6

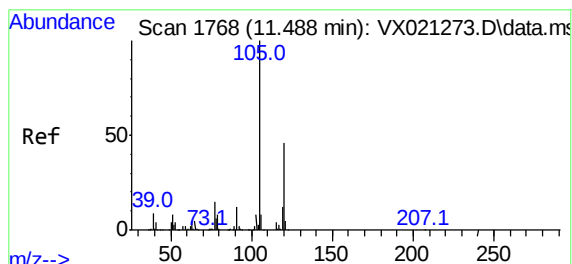
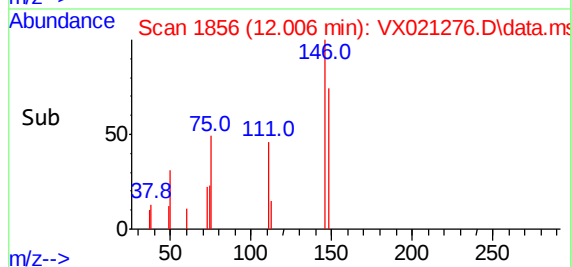
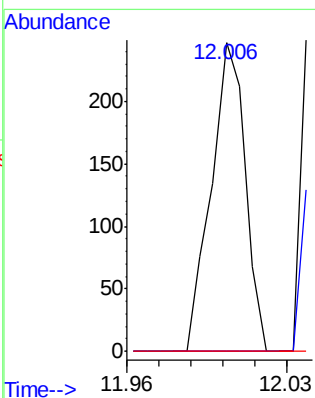
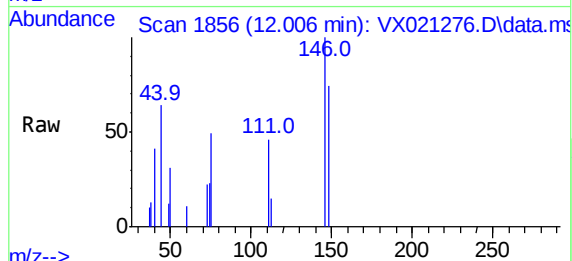




#61
 1,2,3-Trichloropropane
 Concen: 0.09 ug/L
 RT: 12.006 min Scan# 1856
 Delta R.T. 0.730 min
 Lab File: VX021276.D
 Acq: 18 Mar 2021 11:51

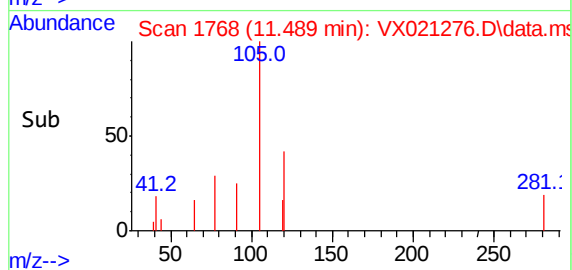
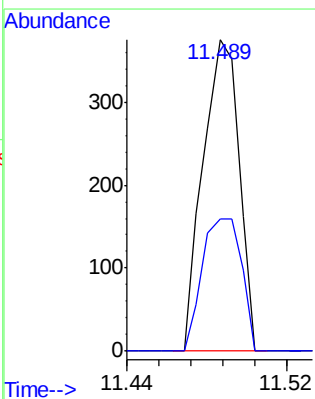
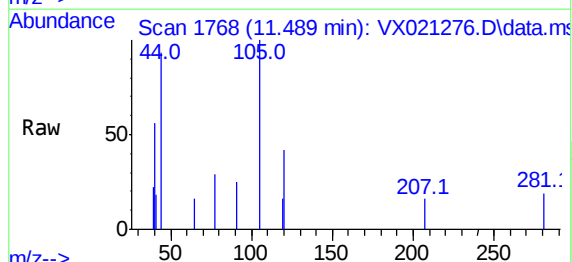
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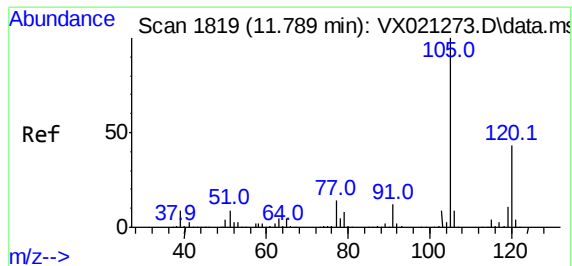
Tgt Ion:	75	Resp:	260
Ion	Ratio	Lower	Upper
75	100		
77	48.1	26.3	39.5#
110	0.0	32.1	48.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.03 ug/L
 RT: 11.489 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: VX021276.D
 Acq: 18 Mar 2021 11:51

Tgt Ion:	105	Resp:	468
Ion	Ratio	Lower	Upper
105	100		
120	46.4	38.8	58.2

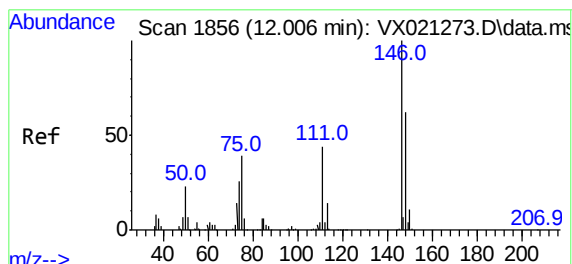
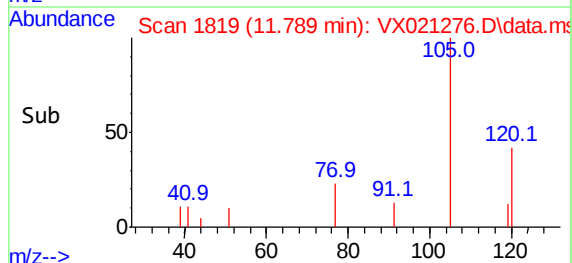
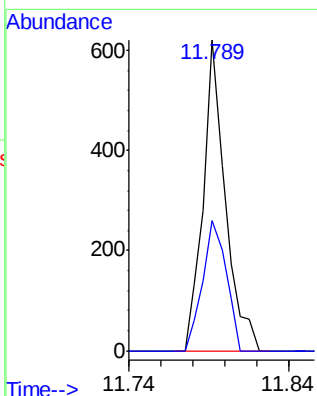
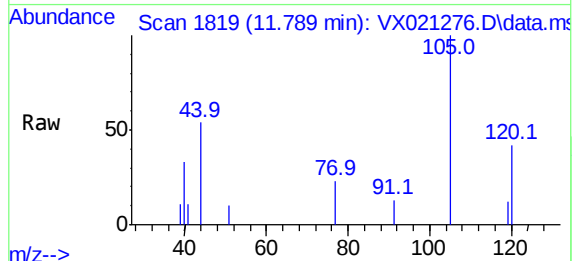




#63
1,2,4-Trimethylbenzene
Concen: 0.03 ug/L
RT: 11.789 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

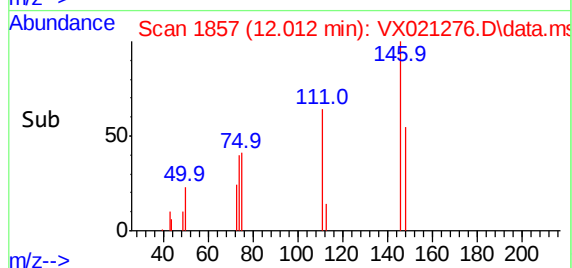
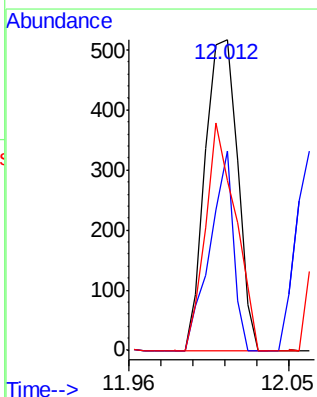
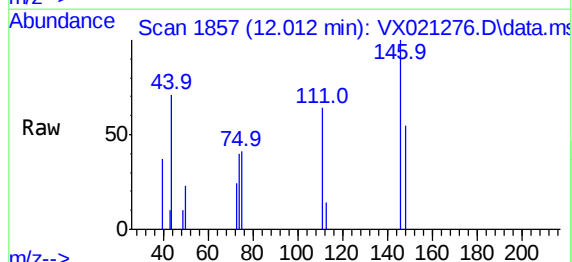
Instrument :
MSVOA_X
ClientSampled :
VIBLK

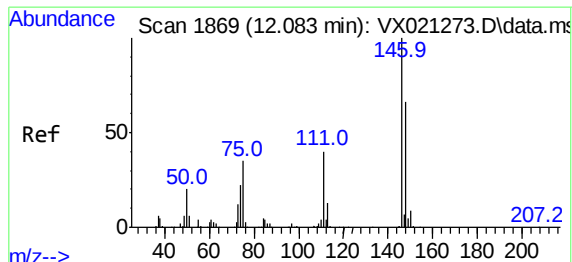
Tgt Ion:105 Resp: 602
Ion Ratio Lower Upper
105 100
120 44.9 36.5 54.7



#64
1,3-Dichlorobenzene
Concen: 0.07 ug/L
RT: 12.012 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

Tgt Ion:146 Resp: 651
Ion Ratio Lower Upper
146 100
111 64.0 28.2 52.4#
148 54.5 41.7 77.5

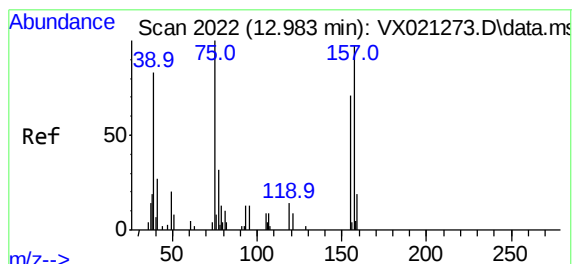
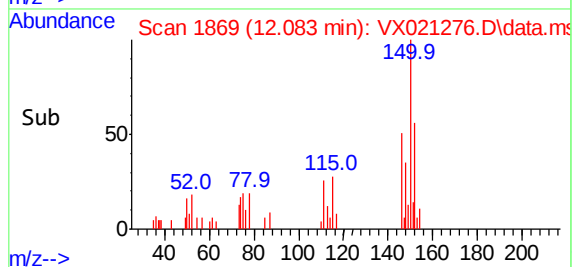
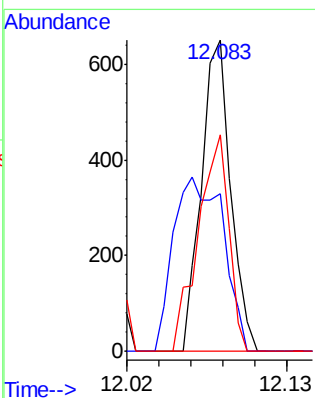
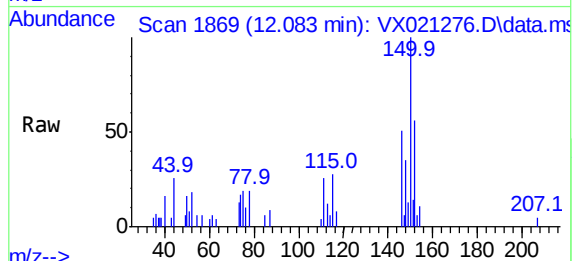




#65
1,4-Dichlorobenzene
Concen: 0.09 ug/L
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

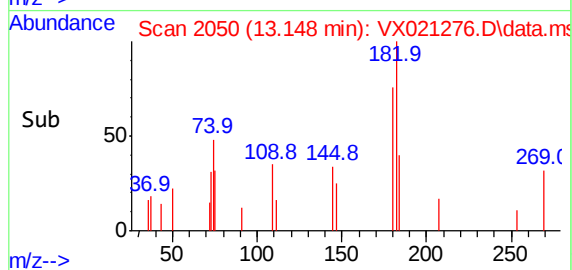
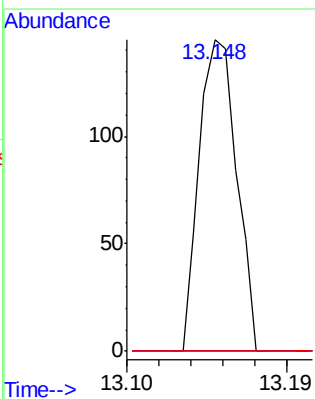
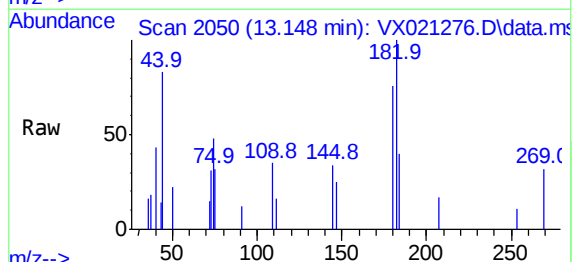
Instrument :
MSVOA_X
ClientSampled :
VIBLK

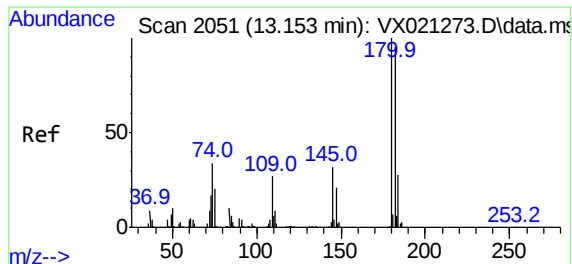
Tgt Ion:146 Resp: 836
Ion Ratio Lower Upper
146 100
111 50.6 26.2 48.8#
148 69.5 44.1 81.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.30 ug/L
RT: 13.148 min Scan# 2050
Delta R.T. 0.165 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

Tgt Ion: 75 Resp: 211
Ion Ratio Lower Upper
75 100
155 0.0 69.8 104.8#
157 0.0 90.0 135.0#

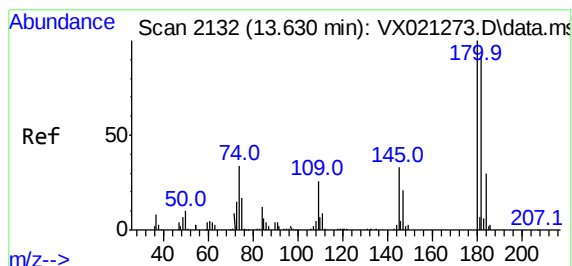
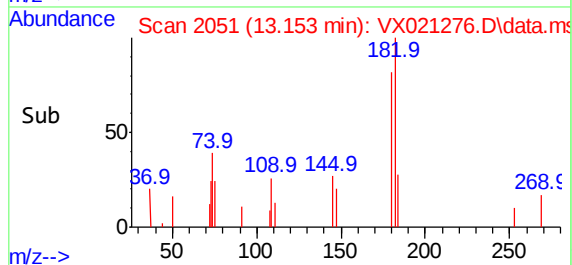
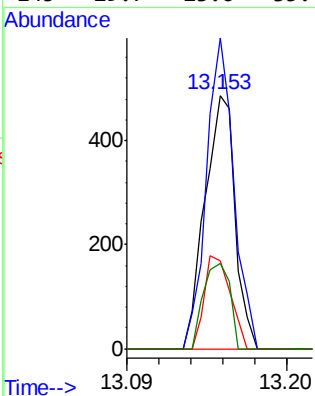
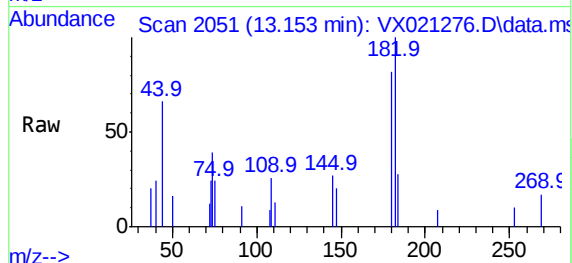




#69
 1,3,5-Trichlorobenzene
 Concen: 0.09 ug/L
 RT: 13.153 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX021276.D
 Acq: 18 Mar 2021 11:51

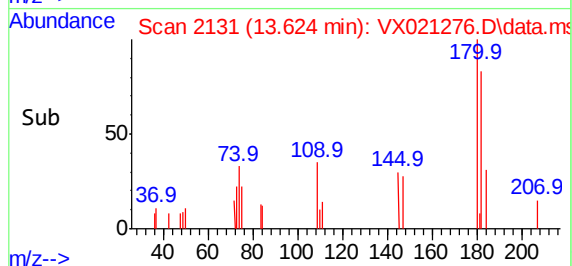
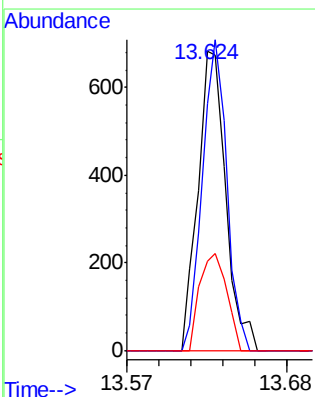
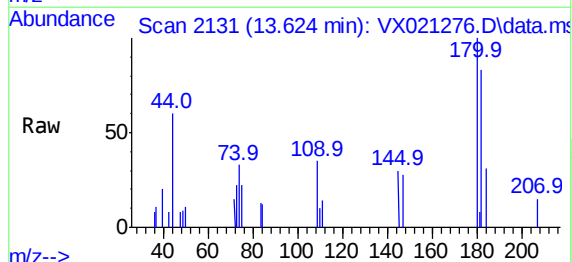
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

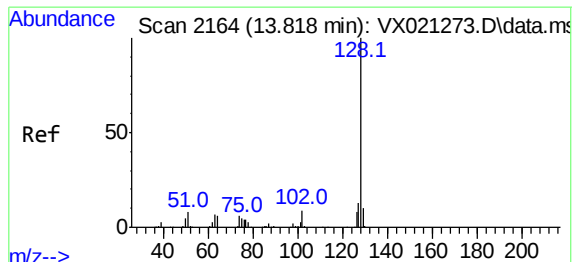
Tgt Ion:	180	Resp:	643
Ion	Ratio	Lower	Upper
180	100		
182	111.4	77.0	115.4
184	31.9	24.6	36.8
145	29.7	23.6	35.4



#70
 1,2,4-trichlorobenzene
 Concen: 0.16 ug/L
 RT: 13.624 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: VX021276.D
 Acq: 18 Mar 2021 11:51

Tgt Ion:	180	Resp:	923
Ion	Ratio	Lower	Upper
180	100		
182	90.8	74.3	111.5
145	31.5	24.1	36.1

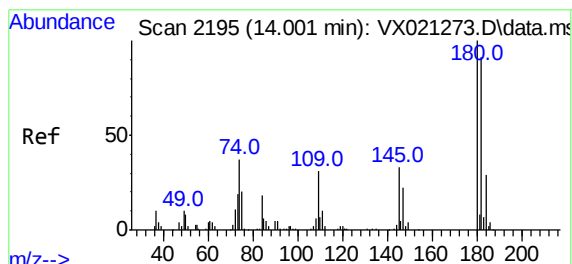
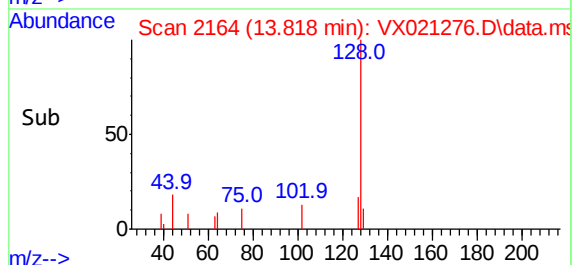
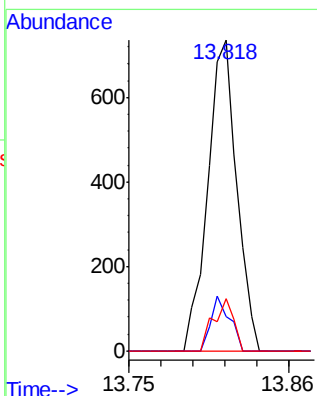
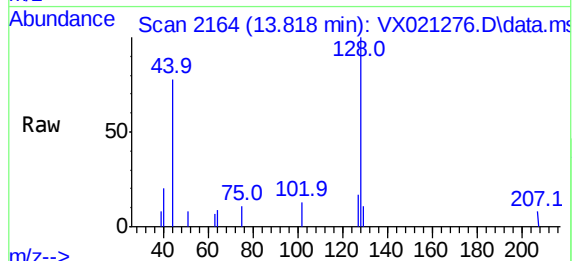




#71
Naphthalene
Concen: 0.10 ug/L
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

Instrument :
MSVOA_X
ClientSampled :
VIBLK

Tgt Ion:128 Resp: 1035
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 11.7 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 0.14 ug/L
RT: 14.001 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VX021276.D
Acq: 18 Mar 2021 11:51

Tgt Ion:180 Resp: 736
Ion Ratio Lower Upper
180 100
182 97.4 79.3 118.9
145 31.9 26.5 39.7

