

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039235.D
 Acq On : 15 Dec 2023 17:58
 Operator : JC/MD
 Sample : 05844-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:52:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	221814	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	204156	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	95114	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	65718	37.774	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.540%		
7) Chloroethane-d5	1.666	69	51647	40.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.320%		
11) 1,1-Dichloroethene-d2	2.307	65	34663	45.388	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.780%		
21) 2-Butanone-d5	4.446	46	149638	95.017	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.020%		
24) Chloroform-d	5.056	84	149894	48.670	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.340%		
26) 1,2-Dichloroethane-d4	5.958	65	104191	52.237	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.480%		
32) Benzene-d6	5.970	84	296200	47.011	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.020%		
36) 1,2-Dichloropropane-d6	7.306	67	97596	48.132	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.260%		
41) Toluene-d8	8.647	98	268695	47.058	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.120%		
43) trans-1,3-Dichloroprop...	8.952	79	46481	45.046	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.100%		
47) 2-Hexanone-d5	9.384	63	109885	90.734	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.730%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	139576	48.524	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.040%		
66) 1,2-Dichlorobenzene-d4	12.317	152	92006	51.176	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.360%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	69790	38.299	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	1166	0.768	ug/L #	28
12) 1,1-Dichloroethene	2.319	96	47265	33.077	ug/L	83
13) Acetone	2.374	43	246285	162.788	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	4116	2.734	ug/L	89
19) 1,1-Dichloroethane	3.611	63	65565	22.024	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	160327	91.808	ug/L	97
22) 2-Butanone	4.556	43	57721	31.087	ug/L	99
27) 1,2-Dichloroethane	6.098	62	6299	2.688	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	3919	1.582	ug/L	96
33) Benzene	6.044	78	8489	1.308	ug/L	100
34) Trichloroethene	7.123	95	94547	55.142	ug/L	96
37) 1,2-Dichloropropane	7.434	63	8500	4.724	ug/L #	97
39) cis-1,3-Dichloropropene	8.324	75	3422	1.192	ug/L #	50
44) trans-1,3-Dichloropropene	8.946	75	2348	0.882	ug/L	87
46) Tetrachloroethene	9.275	164	1640	1.450	ug/L	92
49) Dibromochloromethane	9.275	129	1523	0.948	ug/L #	10

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 16 01:52:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

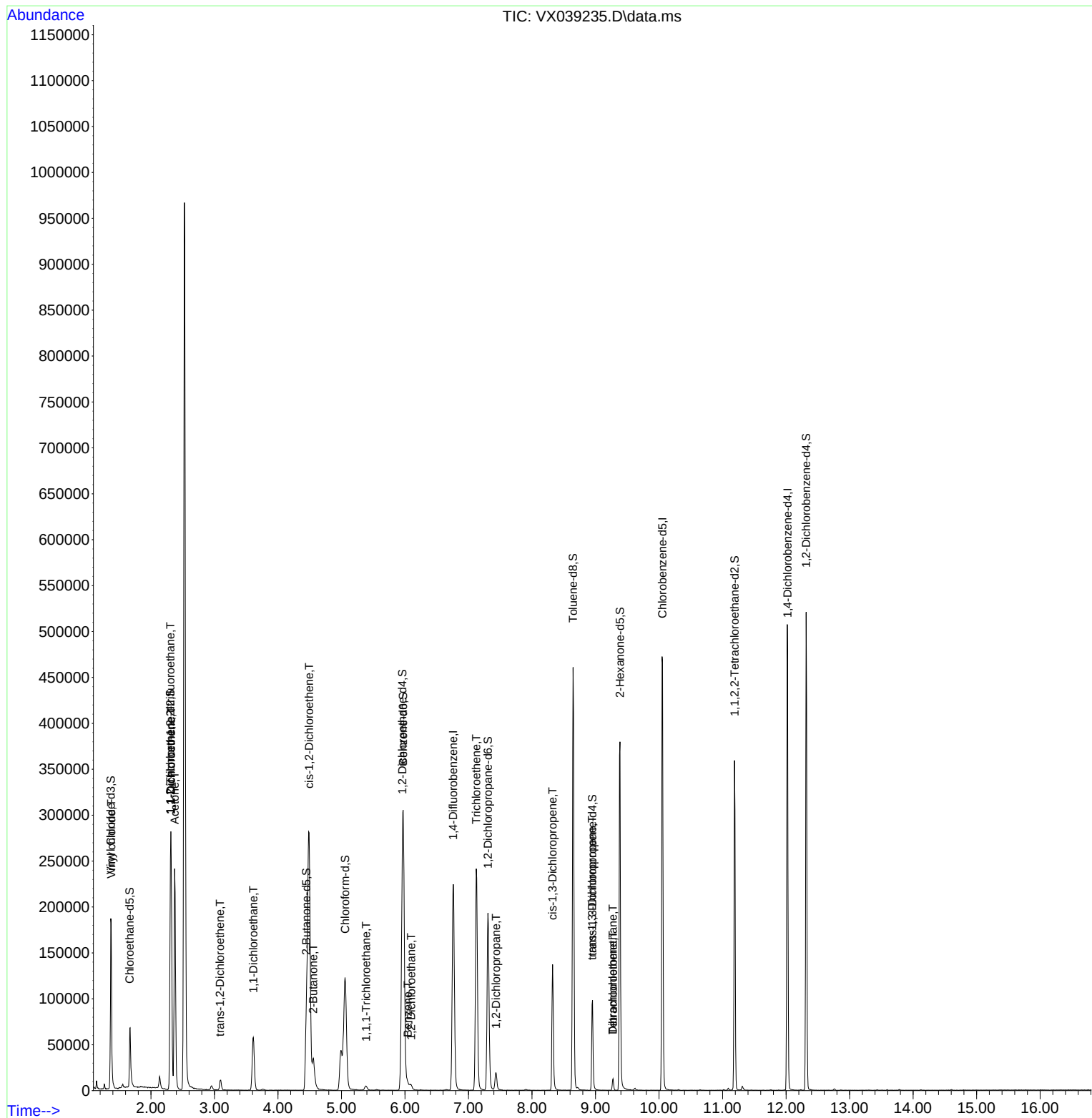
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

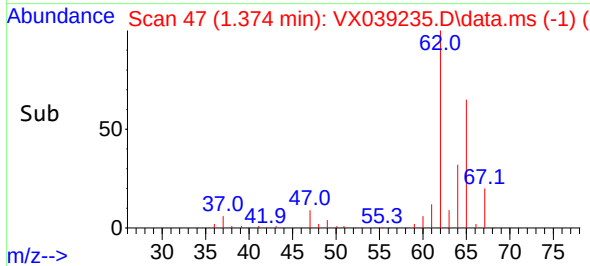
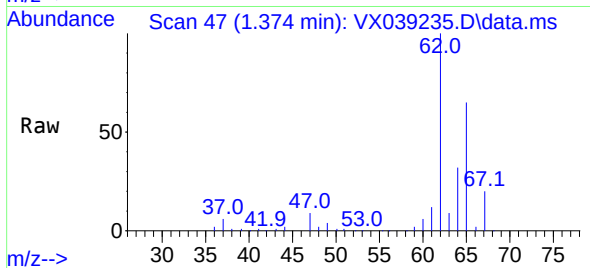
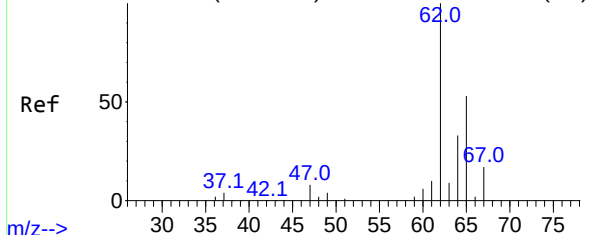
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration



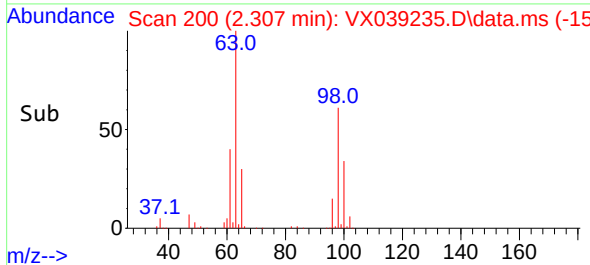
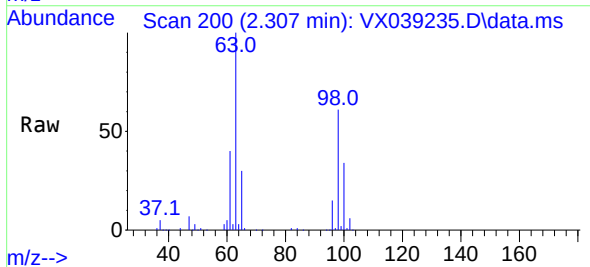
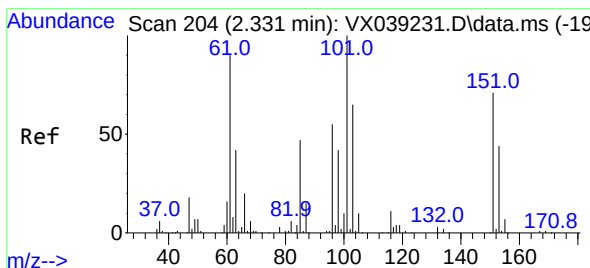
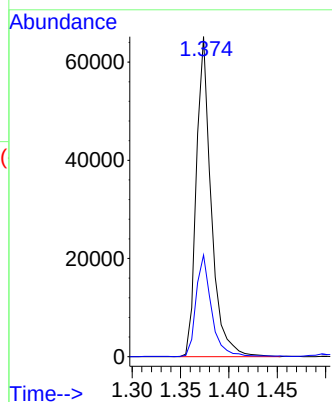
Abundance Scan 47 (1.374 min): VX039231.D\data.ms (-43)



#5
Vinyl chloride
Concen: 38.299 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

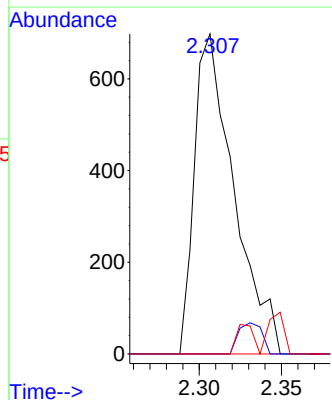
Instrument :
MSVOA_X
ClientSampleId :

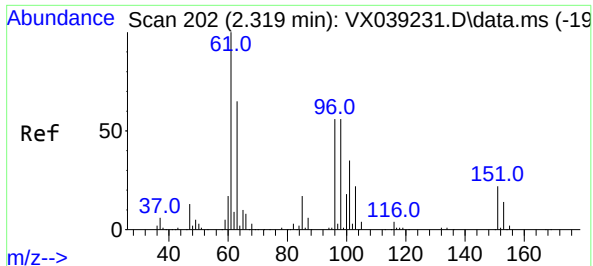
Tgt Ion: 62 Resp: 69790
Ion Ratio Lower Upper
62 100
64 31.8 22.3 41.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.768 ug/L
RT: 2.307 min Scan# 200
Delta R.T. -0.024 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

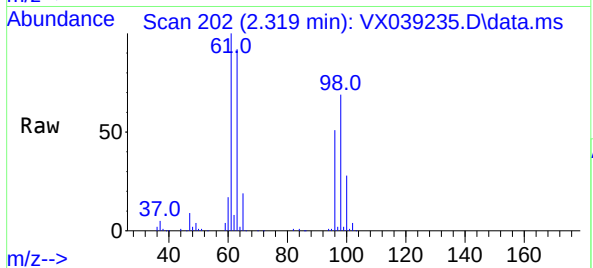
Tgt Ion: 101 Resp: 1166
Ion Ratio Lower Upper
101 100
85 5.7 35.8 53.6#
151 3.9 55.4 83.2#





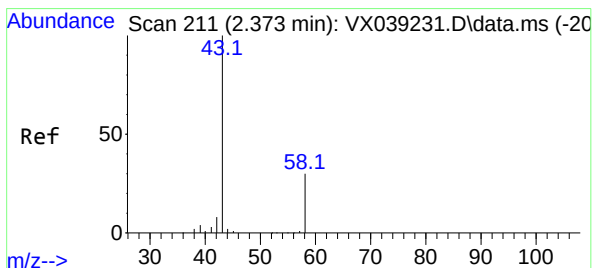
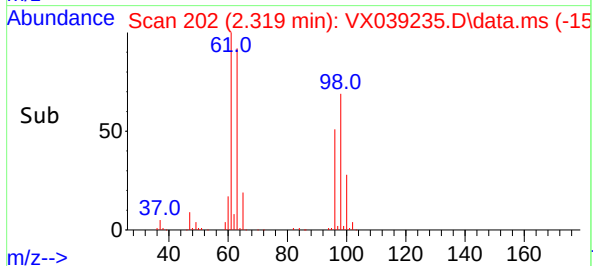
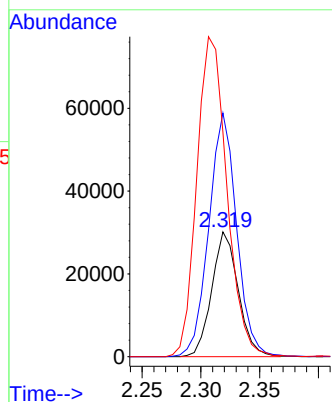
#12
1,1-Dichloroethene
Concen: 33.077 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 47265

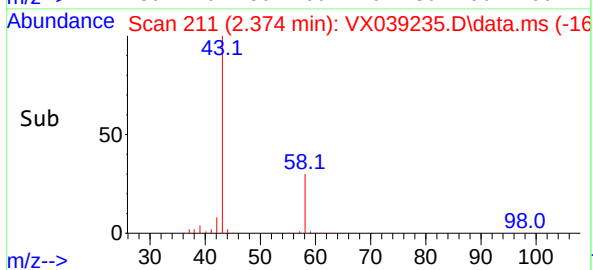
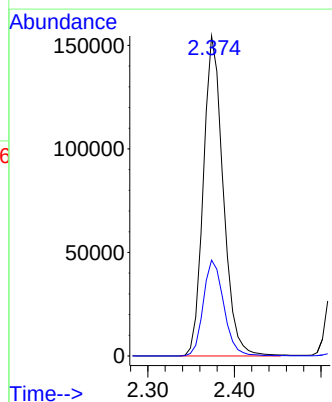
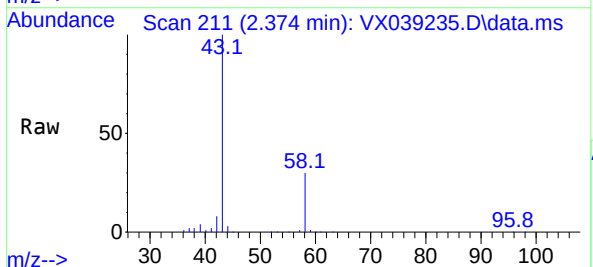
Ion	Ratio	Lower	Upper
96	100		
61	195.2	128.0	237.6
63	179.9	101.5	188.5

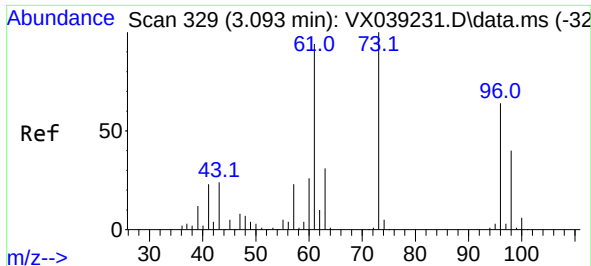


#13
Acetone
Concen: 162.788 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

Tgt Ion: 43 Resp: 246285

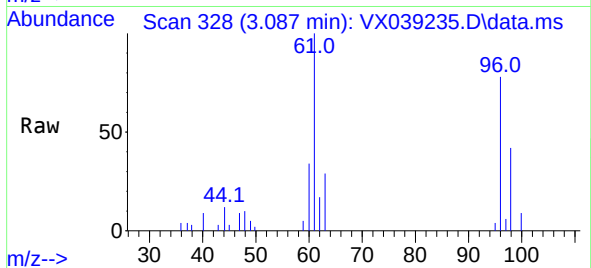
Ion	Ratio	Lower	Upper
43	100		
58	30.8	0.0	65.8



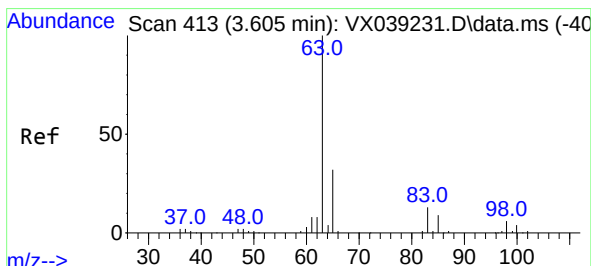
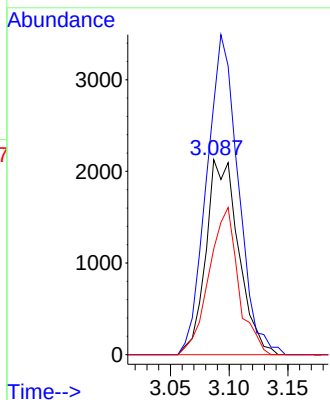
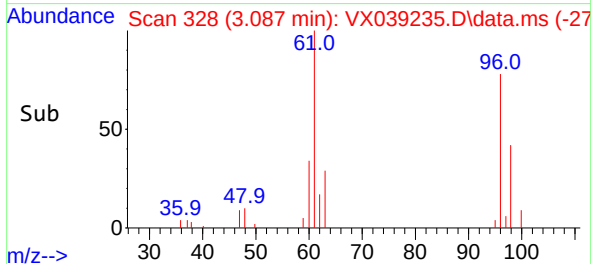


#17
trans-1,2-Dichloroethene
Concen: 2.734 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

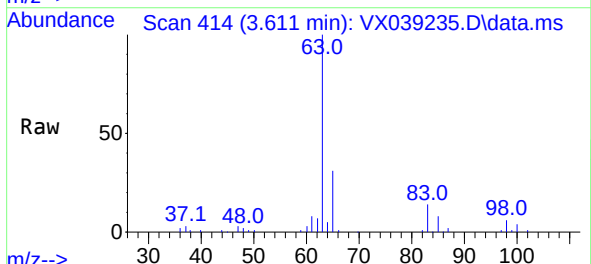
Instrument :
MSVOA_X
ClientSampleId :



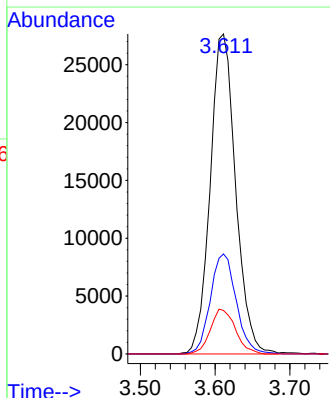
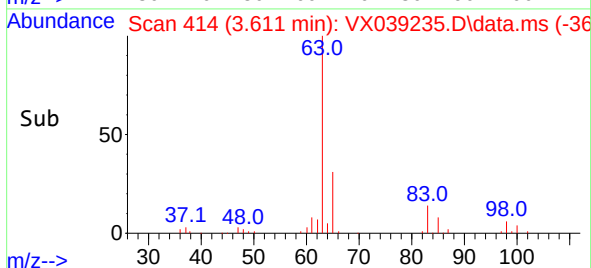
Tgt Ion: 96 Resp: 4116
Ion Ratio Lower Upper
96 100
61 128.4 99.8 185.3
98 54.2 42.6 79.2

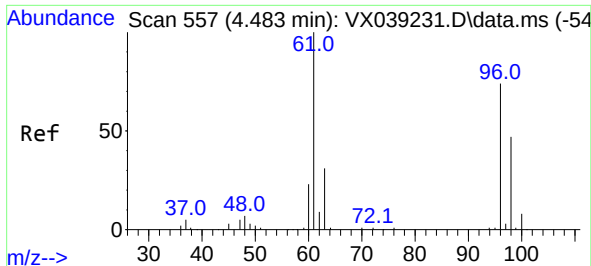


#19
1,1-Dichloroethane
Concen: 22.024 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58



Tgt Ion: 63 Resp: 65565
Ion Ratio Lower Upper
63 100
65 31.2 21.1 39.3
83 13.6 9.7 17.9

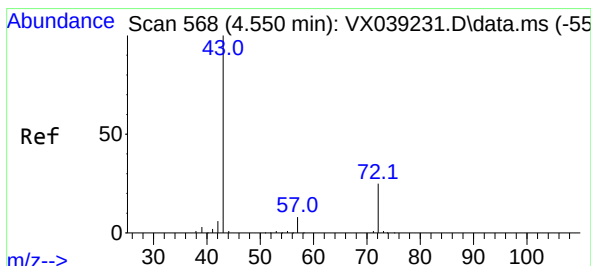
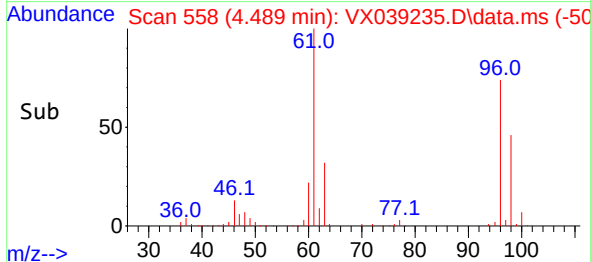
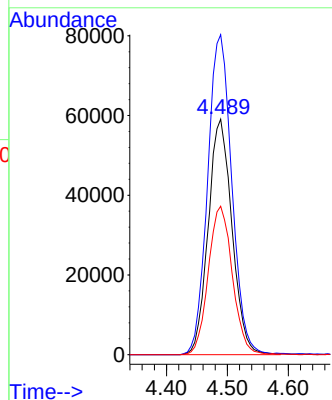
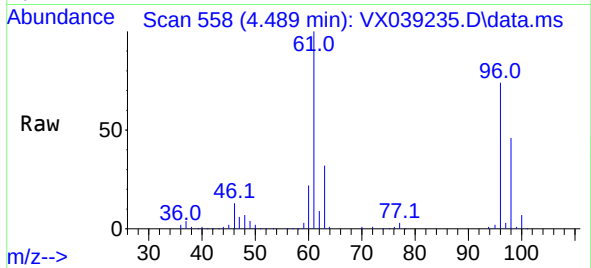




#20
cis-1,2-Dichloroethene
Concen: 91.808 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

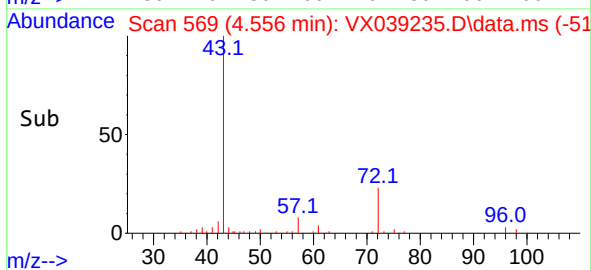
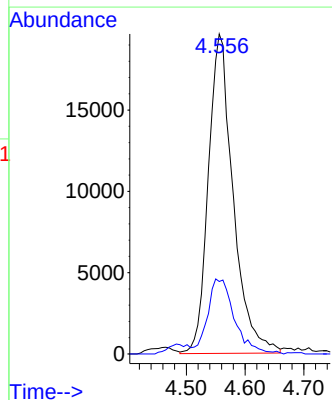
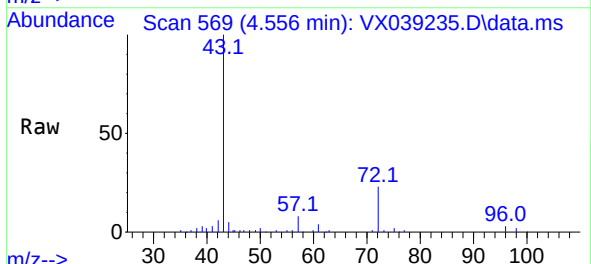
Instrument :
MSVOA_X
ClientSampleId :

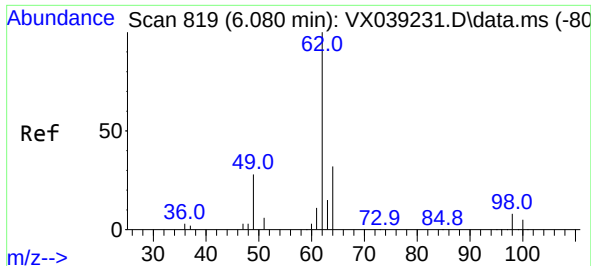
Tgt Ion: 96 Resp: 160327
Ion Ratio Lower Upper
96 100
61 135.9 91.7 170.3
98 63.1 44.2 82.2



#22
2-Butanone
Concen: 31.087 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

Tgt Ion: 43 Resp: 57721
Ion Ratio Lower Upper
43 100
72 24.7 12.6 37.6

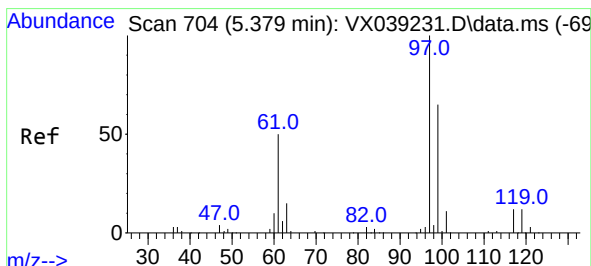
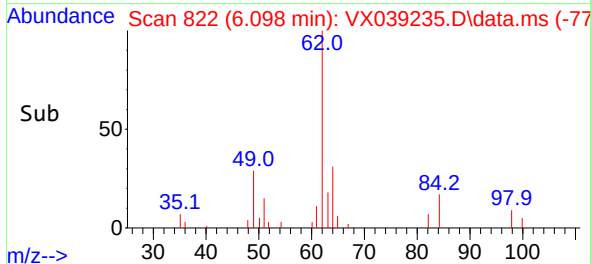
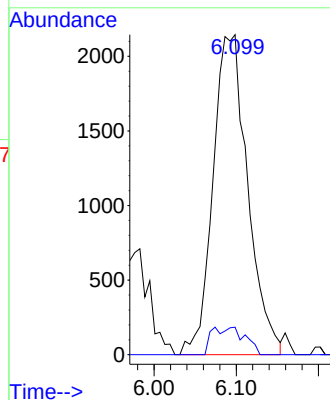
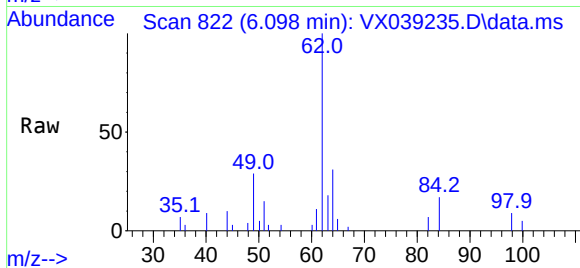




#27
1,2-Dichloroethane
Concen: 2.688 ug/L
RT: 6.098 min Scan# 819
Delta R.T. 0.018 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

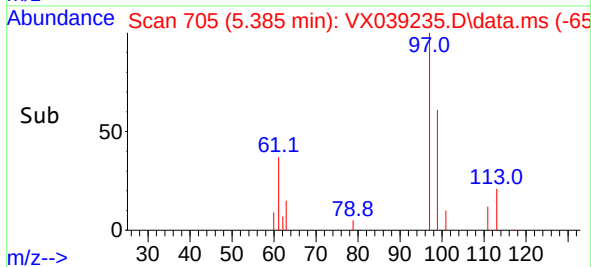
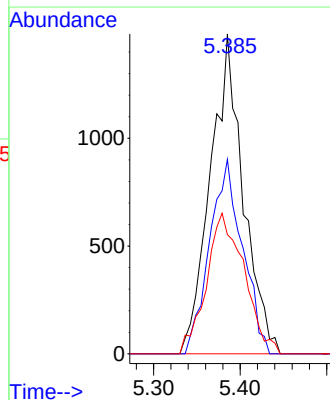
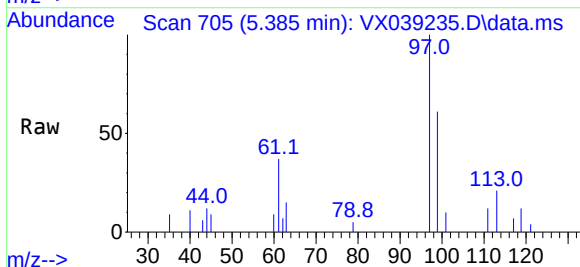
Instrument :
MSVOA_X
ClientSampleId :

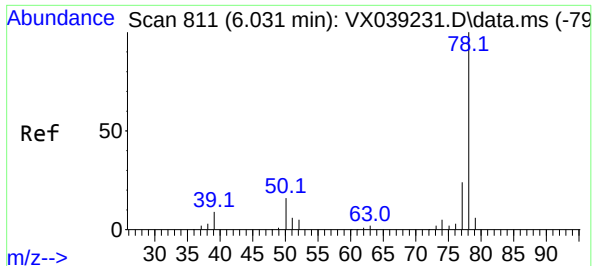
Tgt Ion: 62 Resp: 6299
Ion Ratio Lower Upper
62 100
98 8.6 8.0 12.0



#30
1,1,1-Trichloroethane
Concen: 1.582 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

Tgt Ion: 97 Resp: 3919
Ion Ratio Lower Upper
97 100
99 60.6 51.0 76.4
61 49.2 36.7 55.1

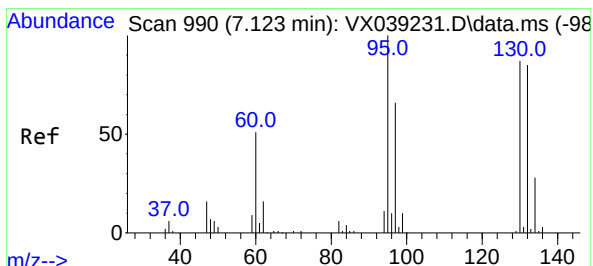
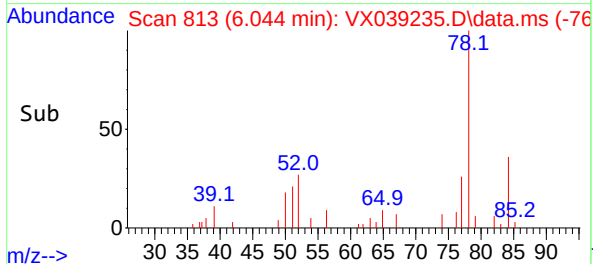
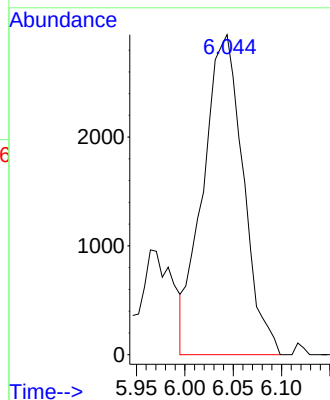
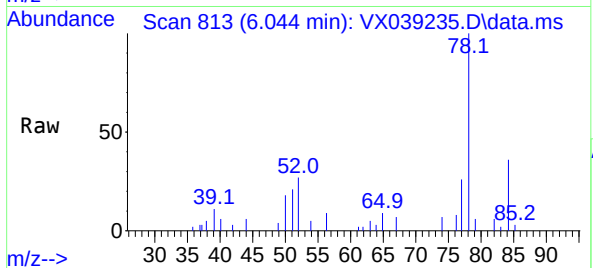




#33
Benzene
Concen: 1.308 ug/L
RT: 6.044 min Scan# 811
Delta R.T. 0.012 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

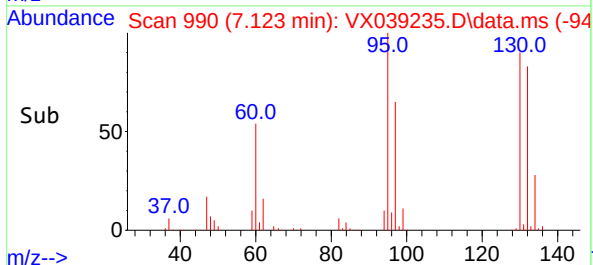
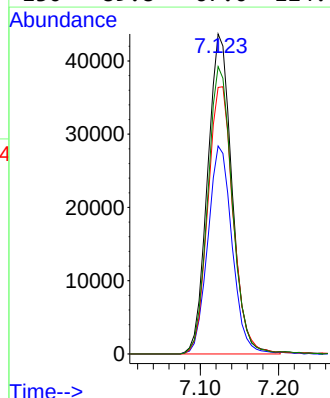
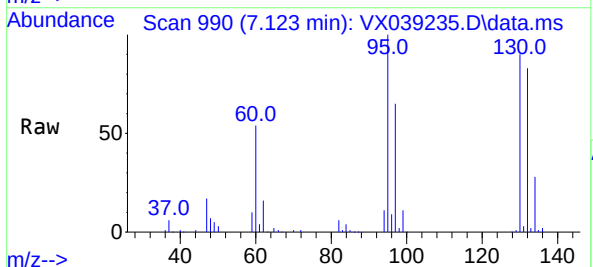
Instrument :
MSVOA_X
ClientSampleId :

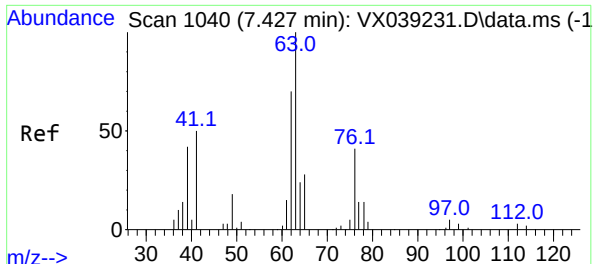
Tgt Ion: 78 Resp: 8489



#34
Trichloroethene
Concen: 55.142 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

Tgt Ion: 95 Resp: 94547
Ion Ratio Lower Upper
95 100
97 65.0 45.5 84.5
132 83.3 62.2 115.4
130 89.8 67.0 124.4

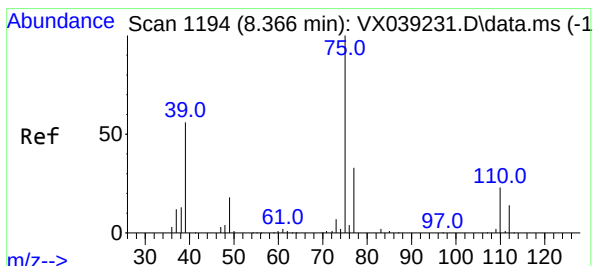
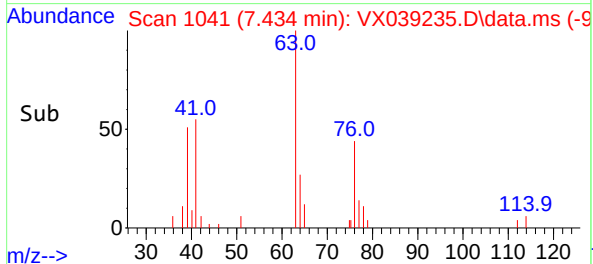
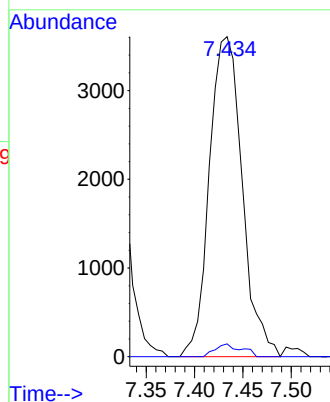
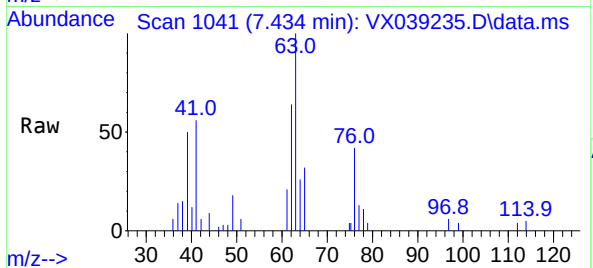




#37
1,2-Dichloropropane
Concen: 4.724 ug/L
RT: 7.434 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

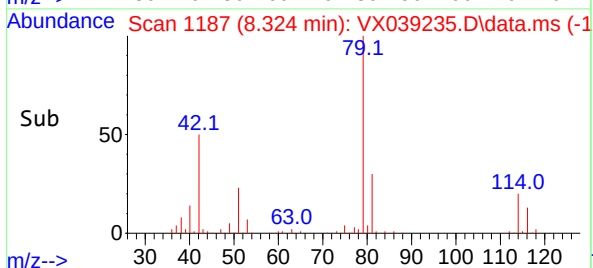
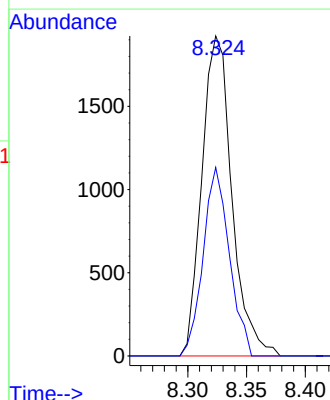
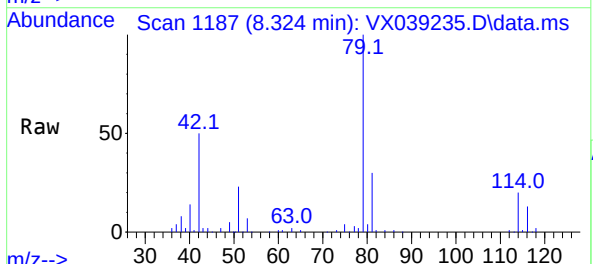
Instrument :
MSVOA_X
ClientSampleId :

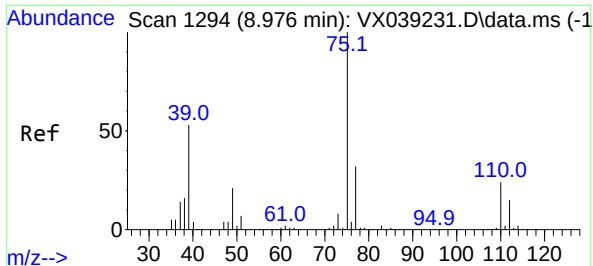
Tgt Ion: 63 Resp: 8500
Ion Ratio Lower Upper
63 100
112 2.4 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 1.192 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.037 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

Tgt Ion: 75 Resp: 3422
Ion Ratio Lower Upper
75 100
77 58.9 22.0 40.8#

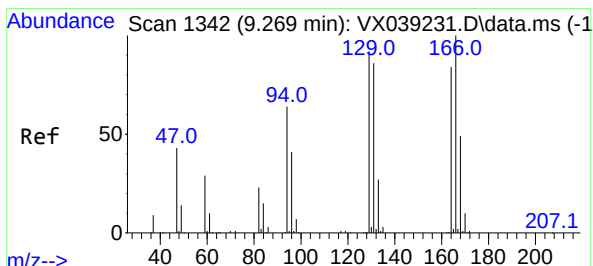
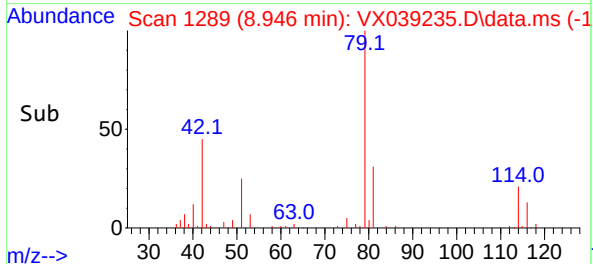
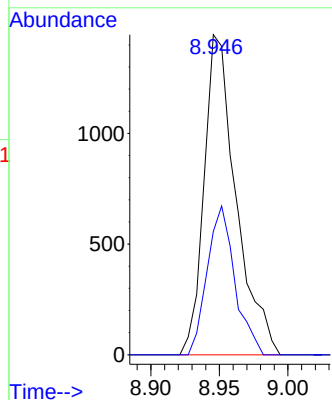
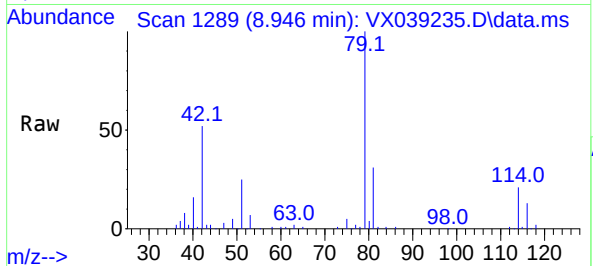




#44
trans-1,3-Dichloropropene
Concen: 0.882 ug/L
RT: 8.946 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

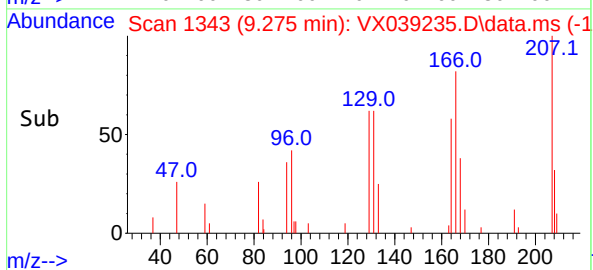
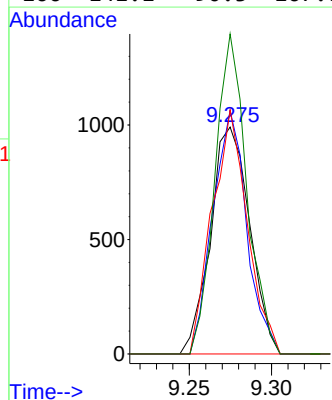
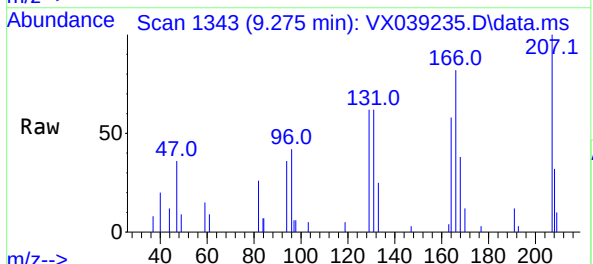
Instrument :
MSVOA_X
ClientSampleId :

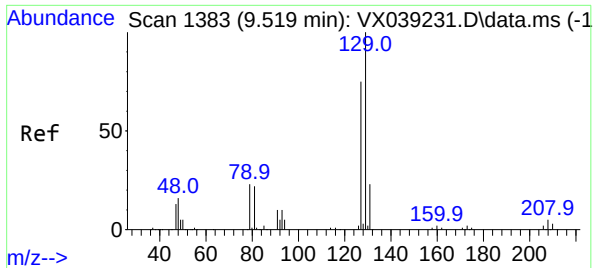
Tgt Ion: 75 Resp: 2348
Ion Ratio Lower Upper
75 100
77 38.5 22.0 40.8



#46
Tetrachloroethene
Concen: 1.450 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

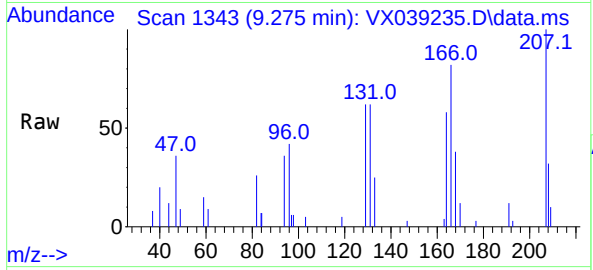
Tgt Ion:164 Resp: 1640
Ion Ratio Lower Upper
164 100
129 107.3 71.9 133.5
131 107.5 69.5 129.1
166 141.1 90.3 167.7





#49
Dibromochloromethane
Concen: 0.948 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX039235.D
Acq: 15 Dec 2023 17:58

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:129 Resp: 1523
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#

