

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039234.D
 Acq On : 15 Dec 2023 17:35
 Operator : JC/MD
 Sample : 05844-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:52:00 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	6.763	114	234401	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	213745	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100566	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68158	37.072	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.140%
7) Chloroethane-d5	1.666	69	54065	39.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.560%
11) 1,1-Dichloroethene-d2	2.306	65	36096	44.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.460%
21) 2-Butanone-d5	4.446	46	155046	93.164	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.160%
24) Chloroform-d	5.056	84	154935	47.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.958	65	105636	50.117	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.240%
32) Benzene-d6	5.970	84	304110	46.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	7.306	67	99976	47.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.180%
41) Toluene-d8	8.647	98	275639	46.109	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.220%
43) trans-1,3-Dichloroprop...	8.952	79	47724	44.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.360%
47) 2-Hexanone-d5	9.384	63	113317	89.370	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.370%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142558	47.337	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.680%
66) 1,2-Dichlorobenzene-d4	12.317	152	94534	49.732	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.460%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	70092	36.399	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	1197	0.746	ug/L #	27
12) 1,1-Dichloroethene	2.319	96	48254	31.955	ug/L	88
13) Acetone	2.374	43	247370	154.725	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	4463	2.805	ug/L	93
19) 1,1-Dichloroethane	3.611	63	66631	21.180	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	162330	87.964	ug/L	97
22) 2-Butanone	4.556	43	58328	29.727	ug/L	99
27) 1,2-Dichloroethane	6.092	62	6734	2.719	ug/L #	90
30) 1,1,1-Trichloroethane	5.385	97	3904	1.505	ug/L #	85
33) Benzene	6.037	78	8940	1.316	ug/L	100
34) Trichloroethene	7.123	95	96279	53.634	ug/L	97
37) 1,2-Dichloropropane	7.427	63	8106	4.303	ug/L	100
39) cis-1,3-Dichloropropene	8.324	75	3728	1.241	ug/L #	80
44) trans-1,3-Dichloropropene	8.952	75	2419	0.868	ug/L #	72
46) Tetrachloroethene	9.275	164	1621	1.369	ug/L #	75
49) Dibromochloromethane	9.275	129	1815	1.079	ug/L #	10

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ClientSampleId :

Quant Time: Dec 16 01:52:00 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

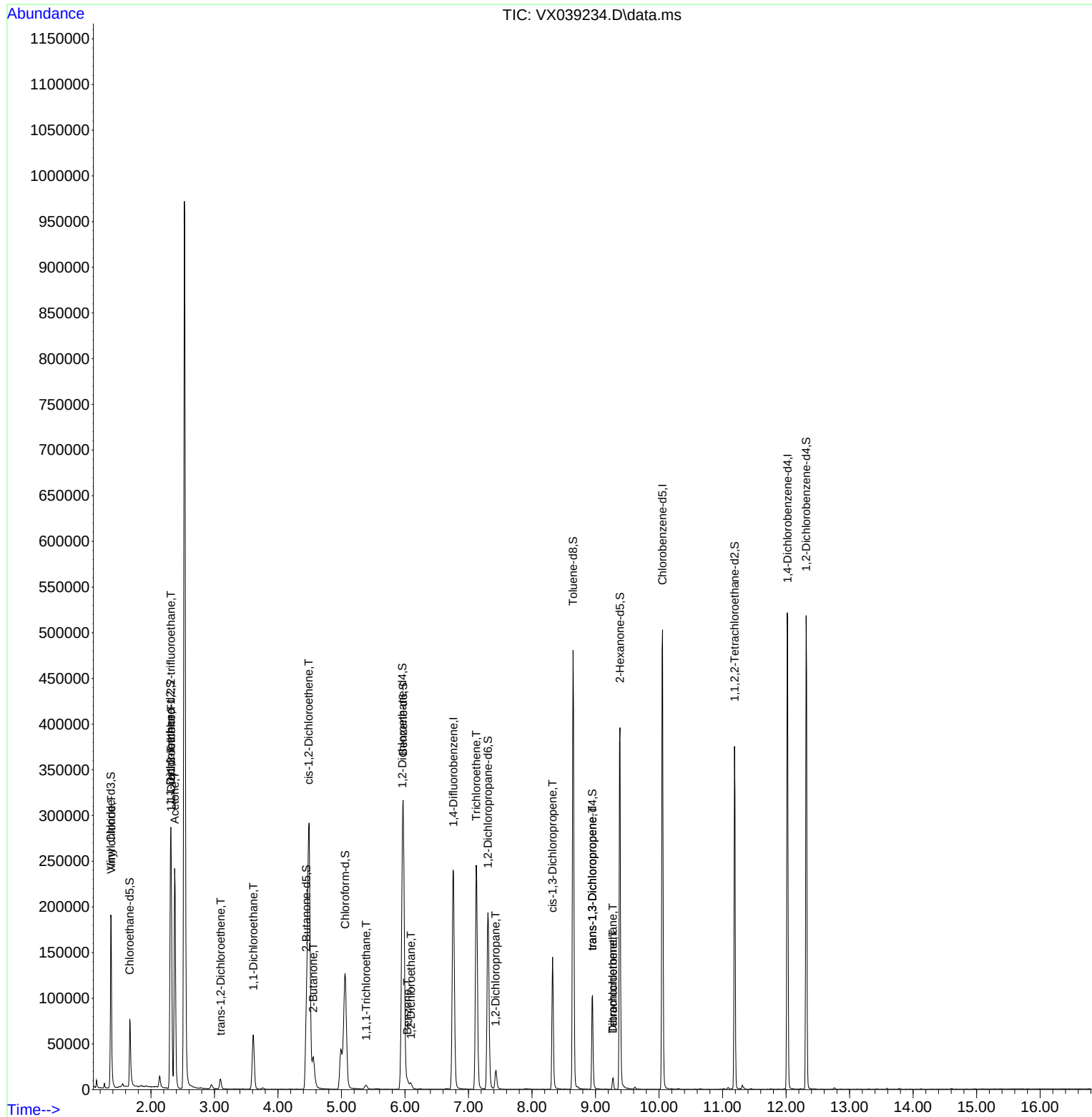
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

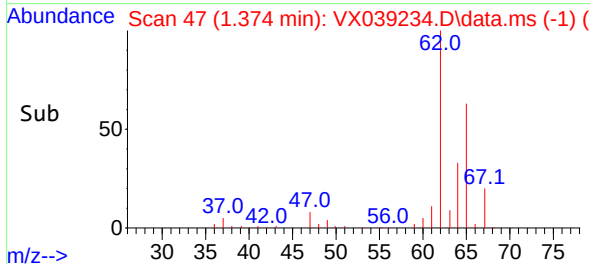
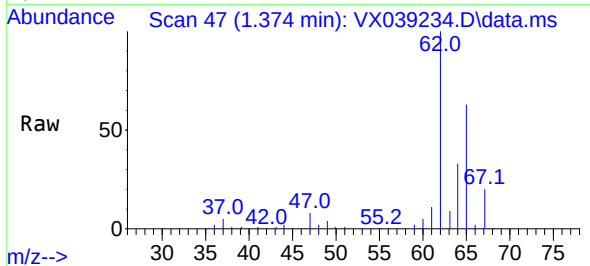
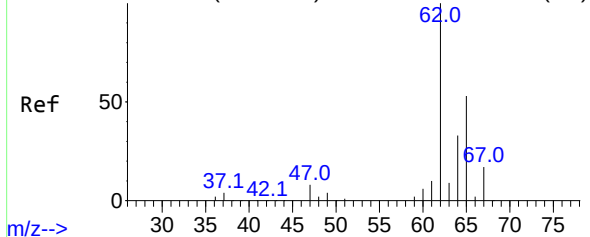
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
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MSVOA_X
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Quant Time: Dec 16 01:52:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : 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: 36.399 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039234.D

Acq: 15 Dec 2023 17:35

Instrument :

MSVOA_X

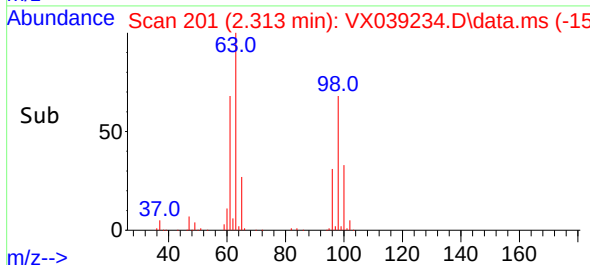
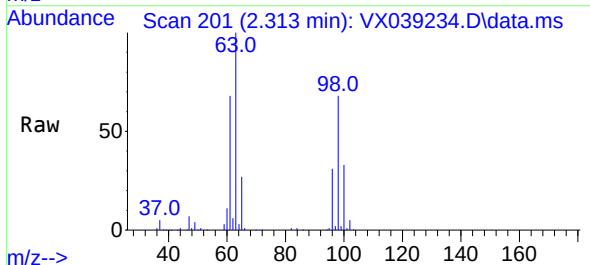
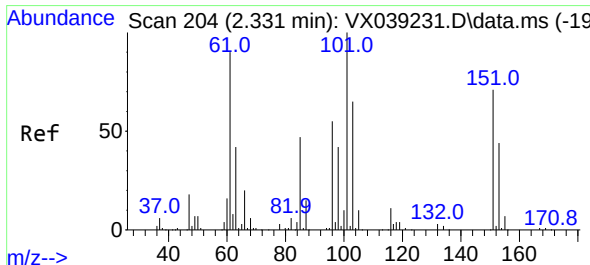
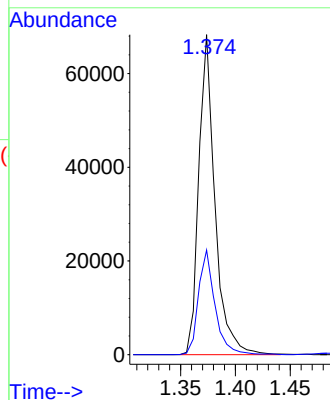
ClientSampleId :

Tgt Ion: 62 Resp: 70092

Ion Ratio Lower Upper

62 100

64 32.7 22.3 41.3



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.746 ug/L

RT: 2.313 min Scan# 201

Delta R.T. -0.018 min

Lab File: VX039234.D

Acq: 15 Dec 2023 17:35

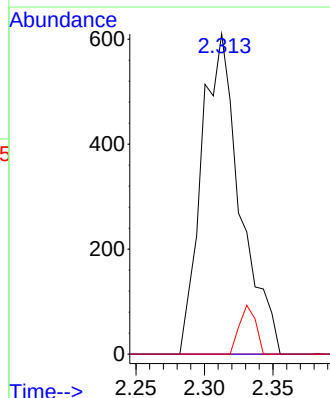
Tgt Ion:101 Resp: 1197

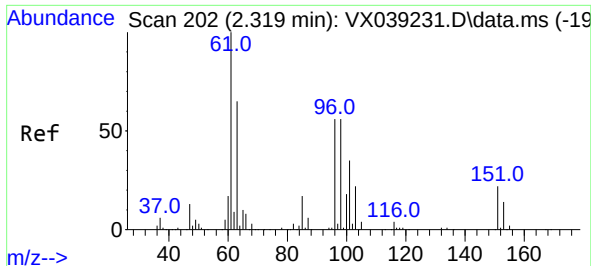
Ion Ratio Lower Upper

101 100

85 1.7 35.8 53.6#

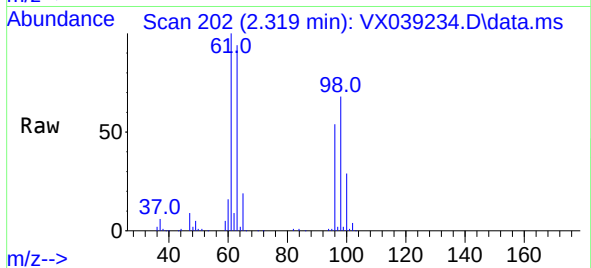
151 6.4 55.4 83.2#





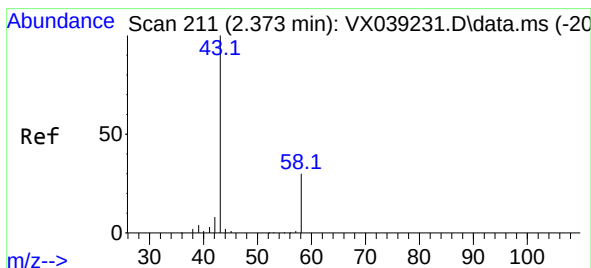
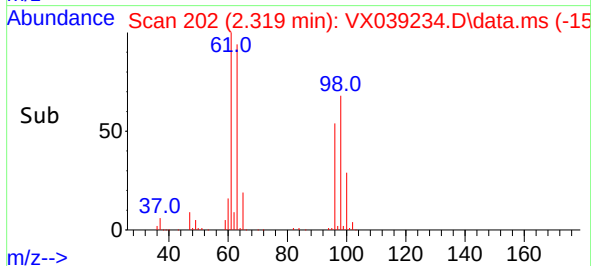
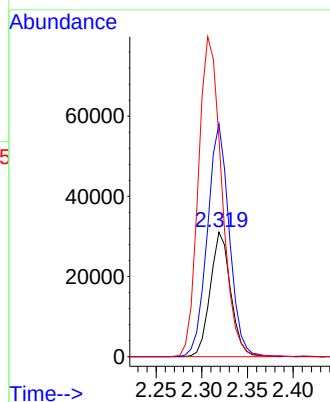
#12
1,1-Dichloroethene
Concen: 31.955 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 48254

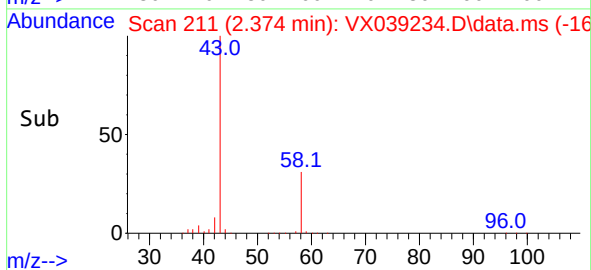
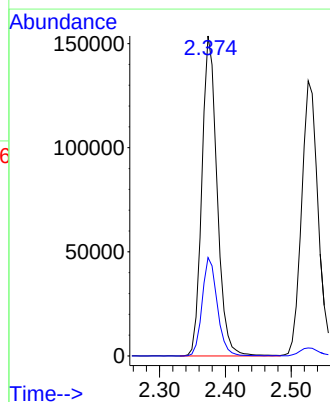
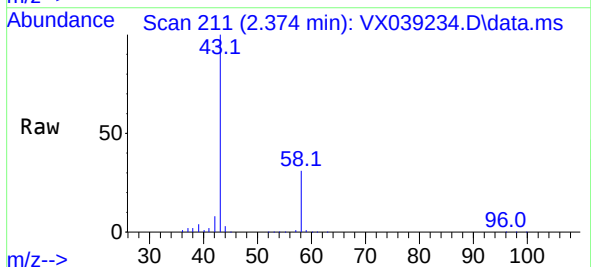
Ion	Ratio	Lower	Upper
96	100		
61	186.8	128.0	237.6
63	175.7	101.5	188.5

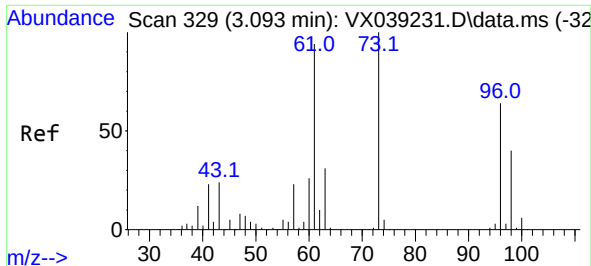


#13
Acetone
Concen: 154.725 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

Tgt Ion: 43 Resp: 247370

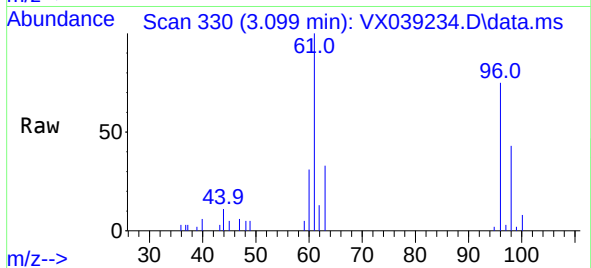
Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	65.8



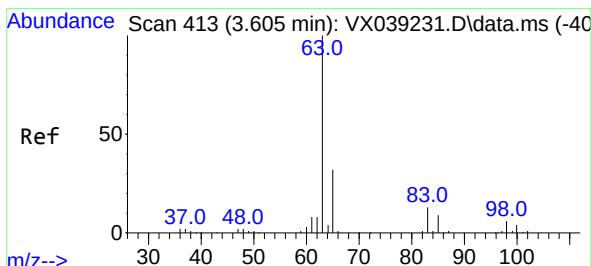
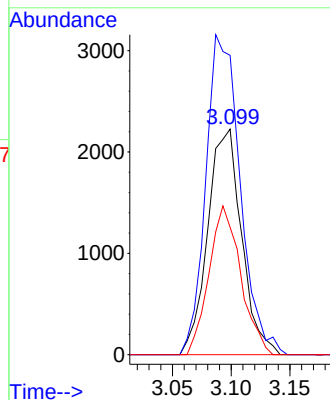
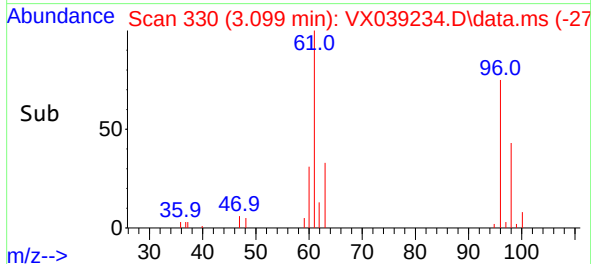


#17
trans-1,2-Dichloroethene
Concen: 2.805 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

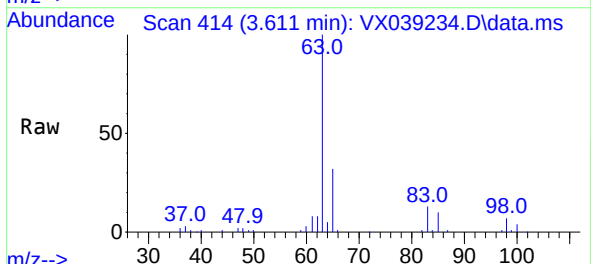
Instrument :
MSVOA_X
ClientSampleId :



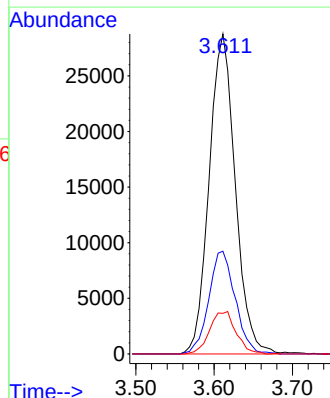
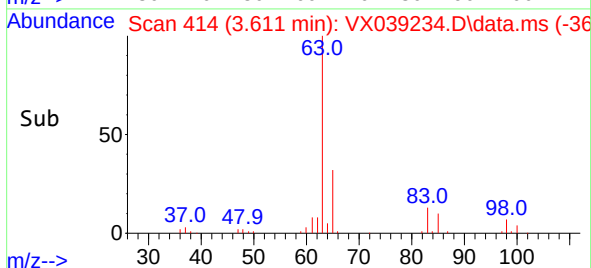
Tgt Ion: 96 Resp: 4463
Ion Ratio Lower Upper
96 100
61 132.7 99.8 185.3
98 56.5 42.6 79.2

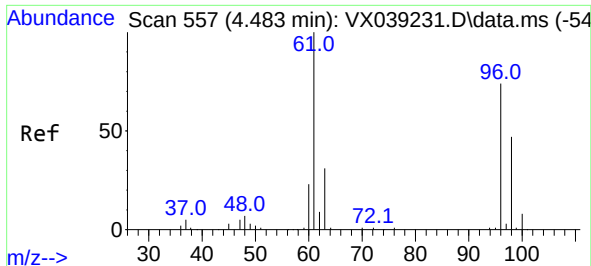


#19
1,1-Dichloroethane
Concen: 21.180 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35



Tgt Ion: 63 Resp: 66631
Ion Ratio Lower Upper
63 100
65 32.1 21.1 39.3
83 12.7 9.7 17.9

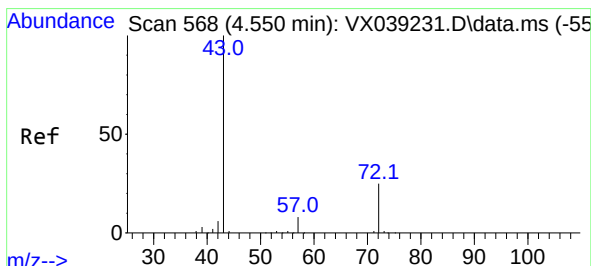
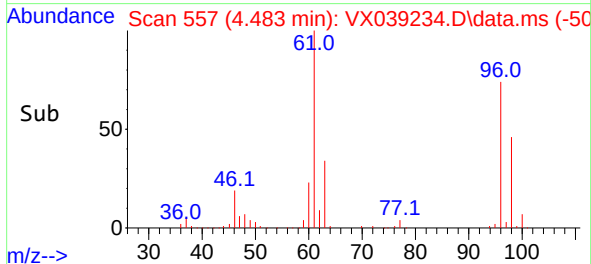
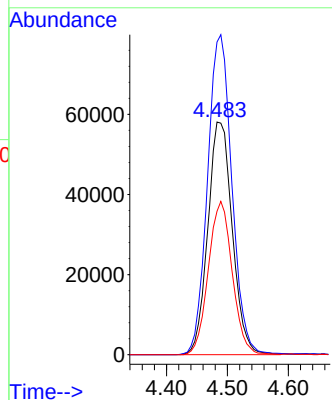
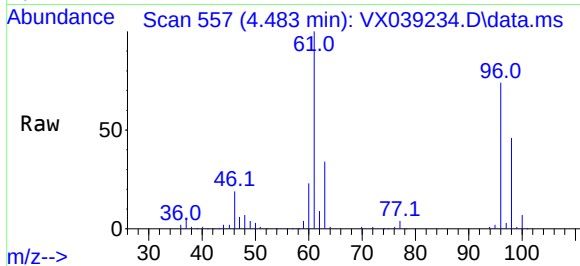




#20
cis-1,2-Dichloroethene
Concen: 87.964 ug/L
RT: 4.483 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

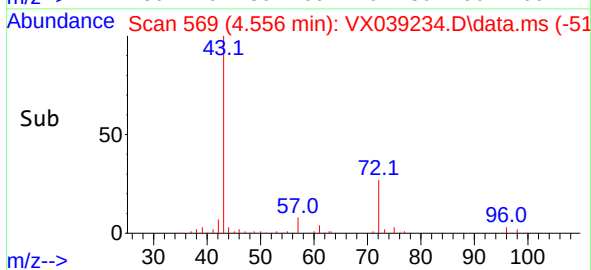
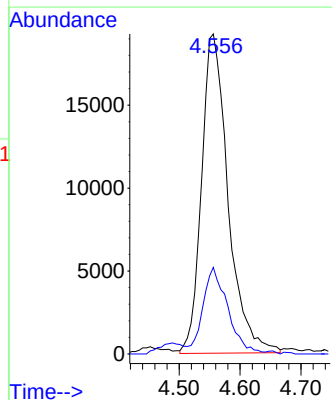
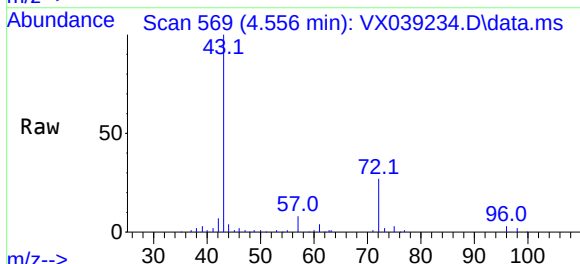
Instrument :
MSVOA_X
ClientSampleId :

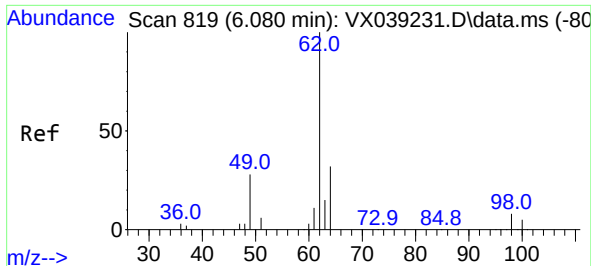
Tgt Ion: 96 Resp: 162330
Ion Ratio Lower Upper
96 100
61 134.4 91.7 170.3
98 61.6 44.2 82.2



#22
2-Butanone
Concen: 29.727 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

Tgt Ion: 43 Resp: 58328
Ion Ratio Lower Upper
43 100
72 25.4 12.6 37.6

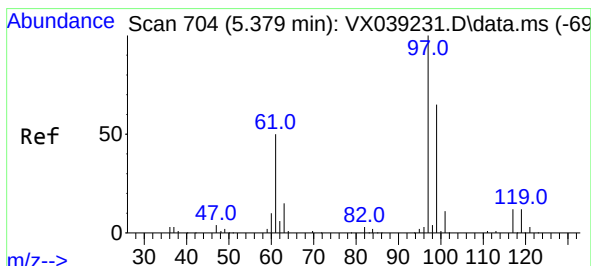
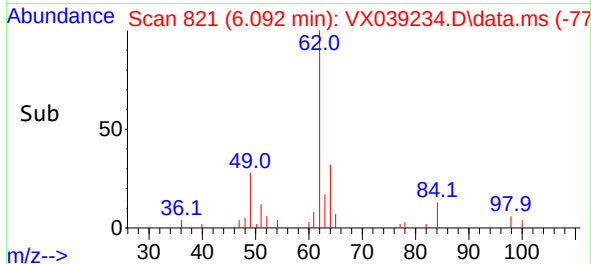
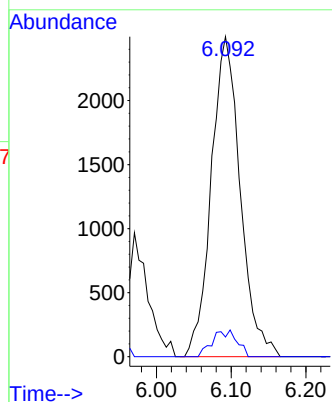
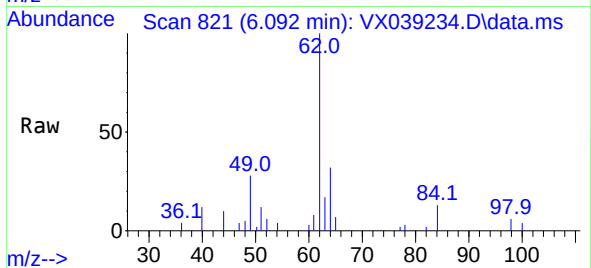




#27
1,2-Dichloroethane
Concen: 2.719 ug/L
RT: 6.092 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

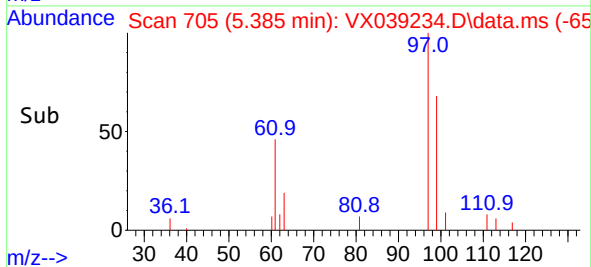
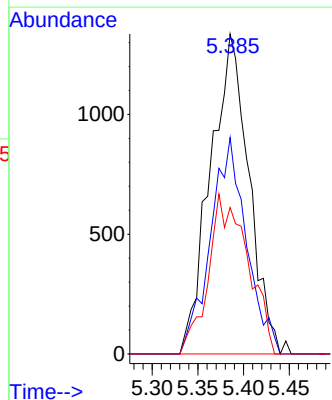
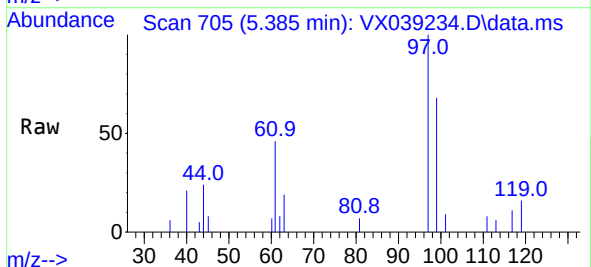
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MSVOA_X
ClientSampleId :

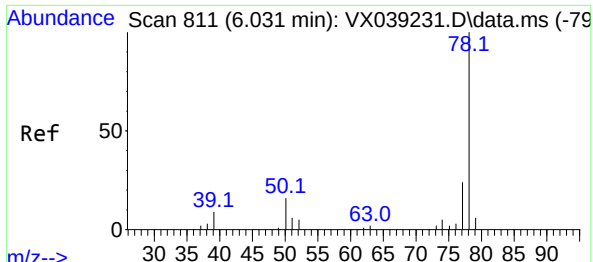
Tgt Ion: 62 Resp: 6734
Ion Ratio Lower Upper
62 100
98 6.2 8.0 12.0#



#30
1,1,1-Trichloroethane
Concen: 1.505 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

Tgt Ion: 97 Resp: 3904
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 23.1 36.7 55.1#

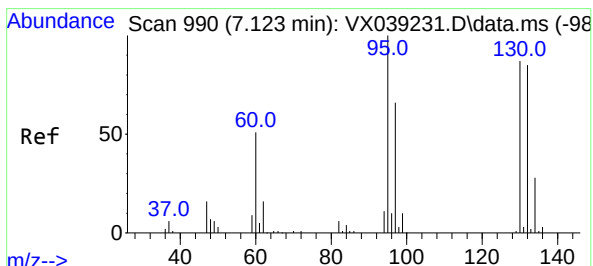
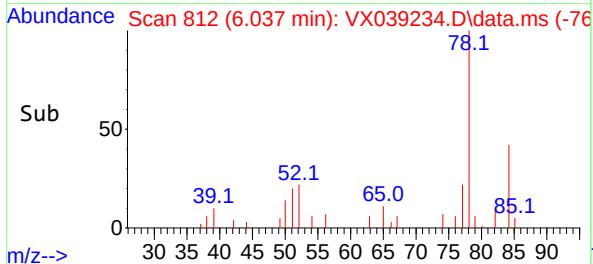
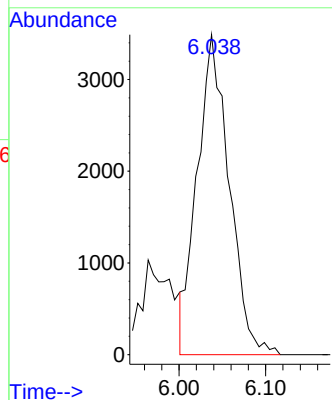
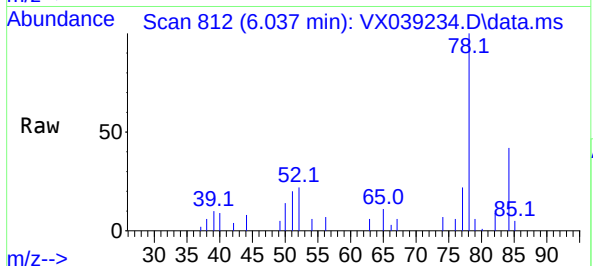




#33
Benzene
Concen: 1.316 ug/L
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

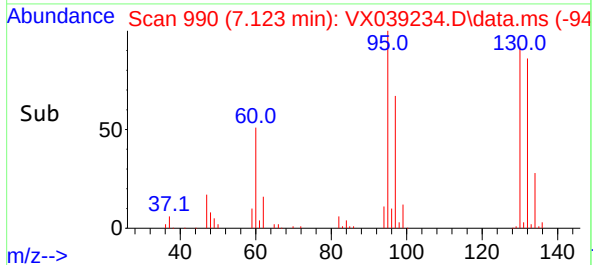
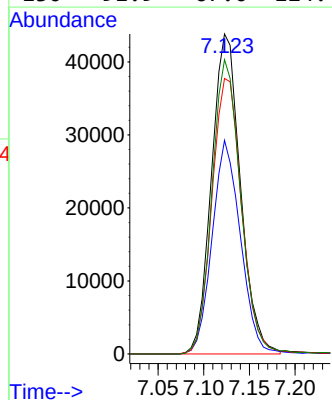
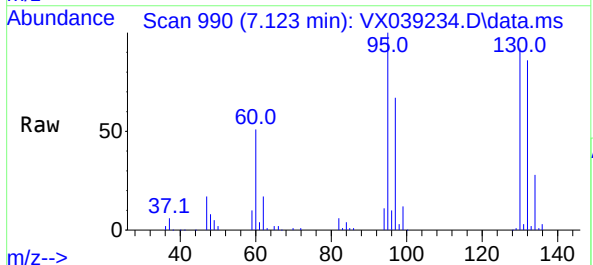
Instrument :
MSVOA_X
ClientSampleId :

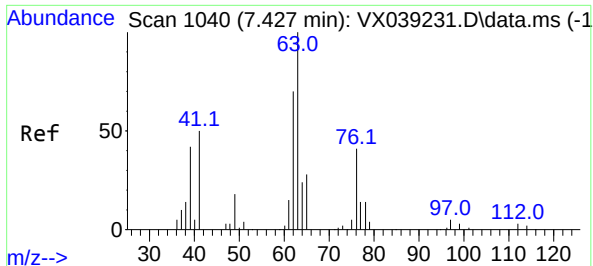
Tgt Ion: 78 Resp: 8940



#34
Trichloroethene
Concen: 53.634 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

Tgt Ion: 95 Resp: 96279
Ion Ratio Lower Upper
95 100
97 66.7 45.5 84.5
132 86.1 62.2 115.4
130 91.9 67.0 124.4

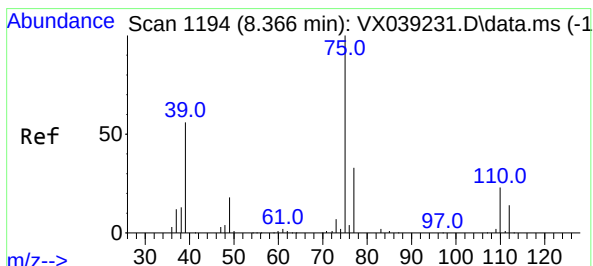
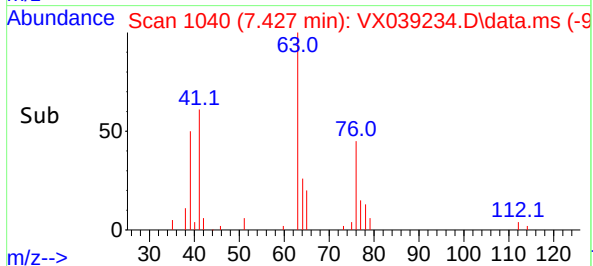
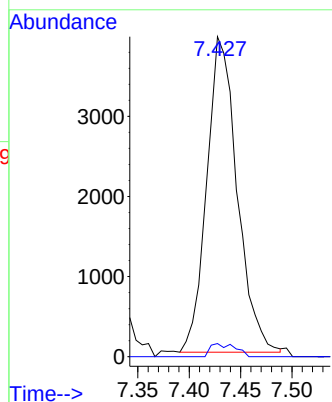
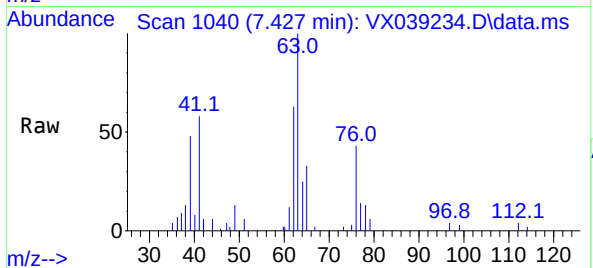




#37
1,2-Dichloropropane
Concen: 4.303 ug/L
RT: 7.427 min Scan# 1187
Delta R.T. -0.000 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

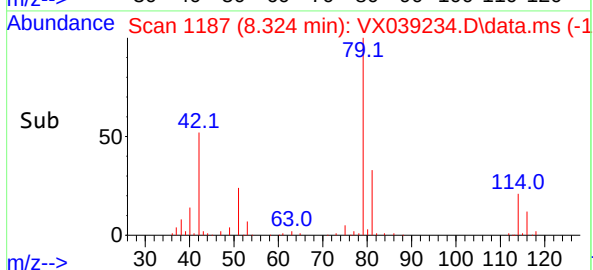
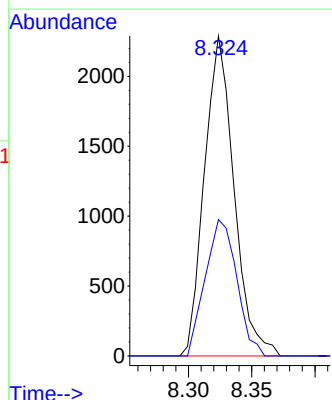
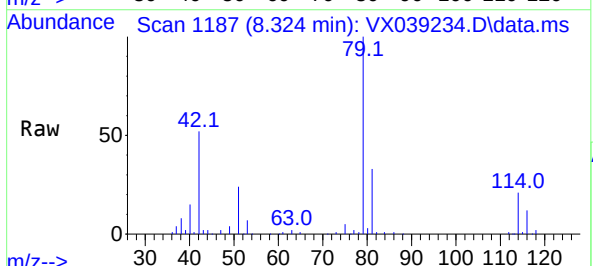
Instrument :
MSVOA_X
ClientSampleId :

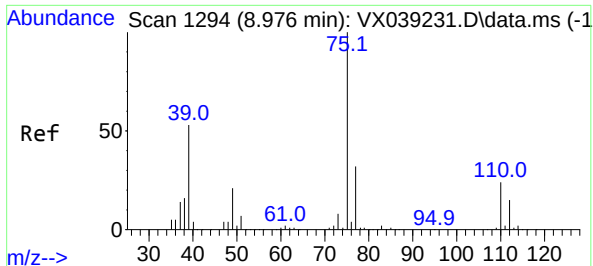
Tgt Ion: 63 Resp: 8106
Ion Ratio Lower Upper
63 100
112 3.4 2.8 4.2



#39
cis-1,3-Dichloropropene
Concen: 1.241 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.037 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

Tgt Ion: 75 Resp: 3728
Ion Ratio Lower Upper
75 100
77 42.6 22.0 40.8#

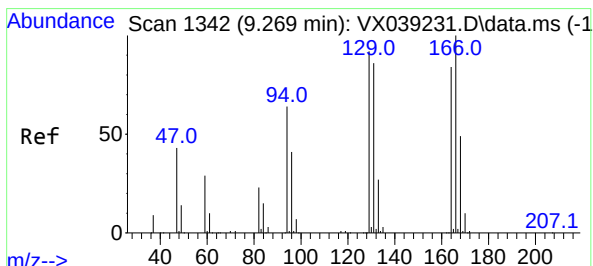
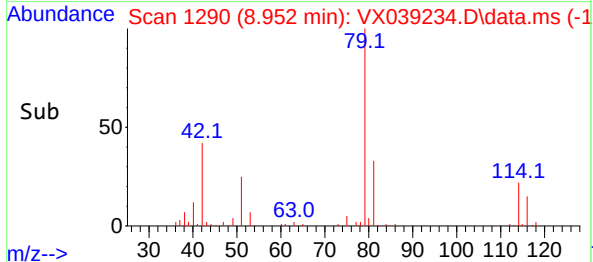
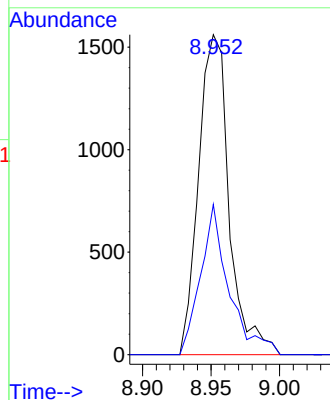
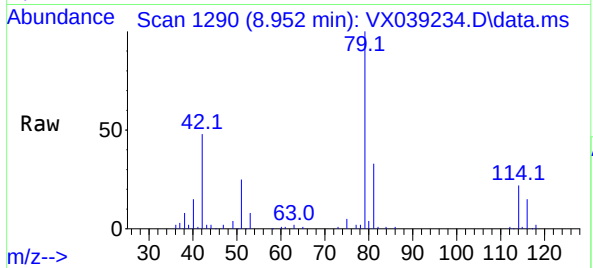




#44
trans-1,3-Dichloropropene
Concen: 0.868 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

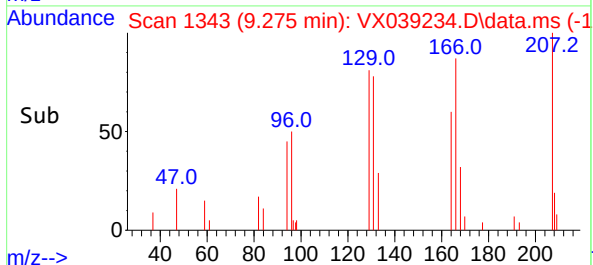
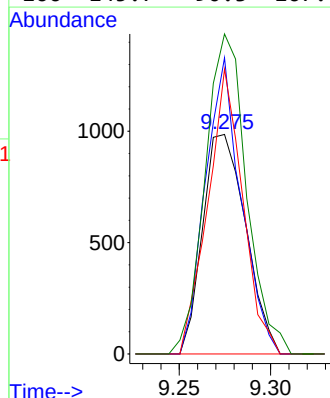
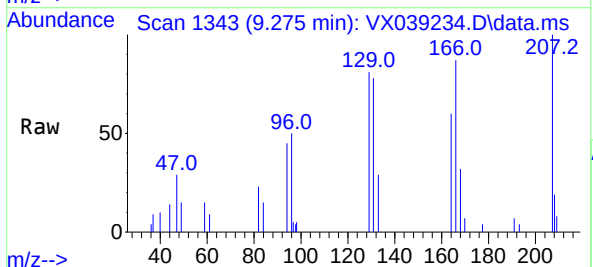
Instrument :
MSVOA_X
ClientSampleId :

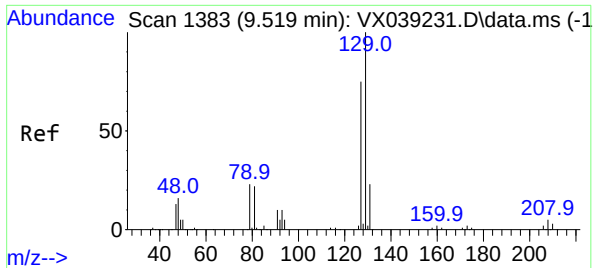
Tgt Ion: 75 Resp: 2419
Ion Ratio Lower Upper
75 100
77 47.0 22.0 40.8#



#46
Tetrachloroethene
Concen: 1.369 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

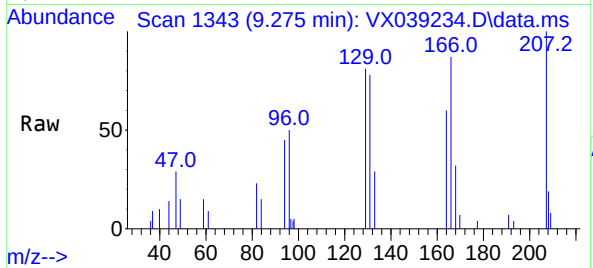
Tgt Ion:164 Resp: 1621
Ion Ratio Lower Upper
164 100
129 134.9 71.9 133.5#
131 129.7 69.5 129.1#
166 145.7 90.3 167.7





#49
Dibromochloromethane
Concen: 1.079 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX039234.D
Acq: 15 Dec 2023 17:35

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:129 Resp: 1815
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#

