

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040523\
 Data File : VL040310.D
 Acq On : 5 Apr 2023 10:19
 Operator : SY/MD
 Sample : VL0405ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0405ABL01

Quant Time: Apr 06 07:49:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	986056	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.629	114	2569041	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.446	117	2269486	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1841093	9.687	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%

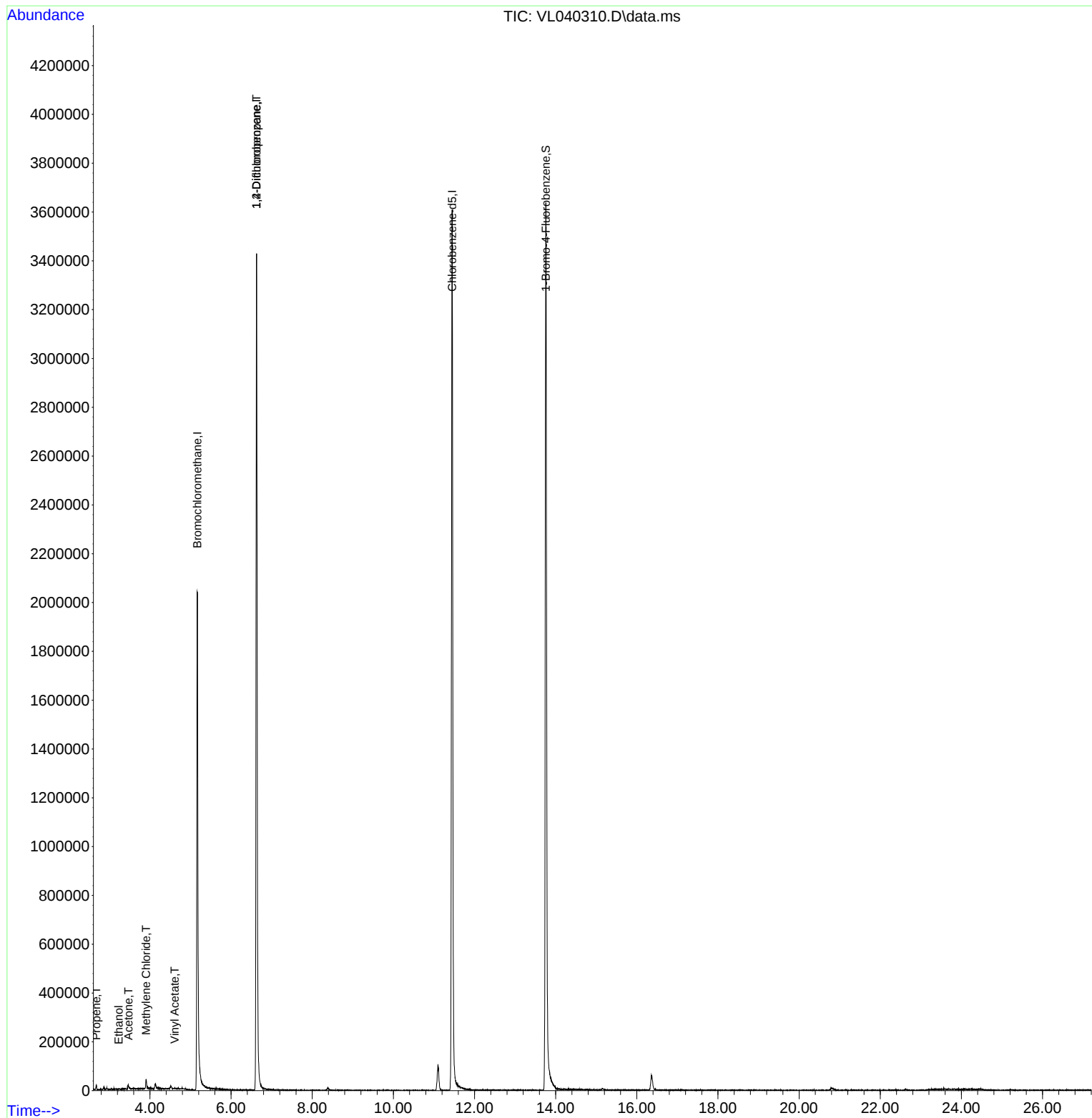
Target Compounds						Qvalue
9) Propene	2.677	41	2097	0.044	ppbv #	13
13) Ethanol	3.231	45	516	0.148	ppbv #	37
15) Acetone	3.468	43	15087	0.126	ppbv #	85
20) Methylene Chloride	3.906	84	6926	0.137	ppbv #	66
23) Vinyl Acetate	4.610	43	1415	0.042	ppbv #	40
39) 1,2-Dichloropropane	6.629	63	665939	8.670	ppbv #	25

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

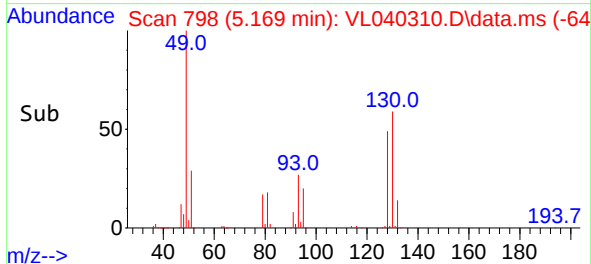
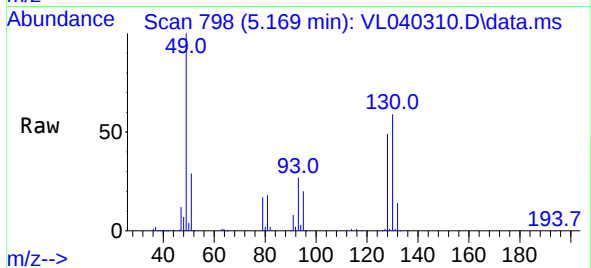
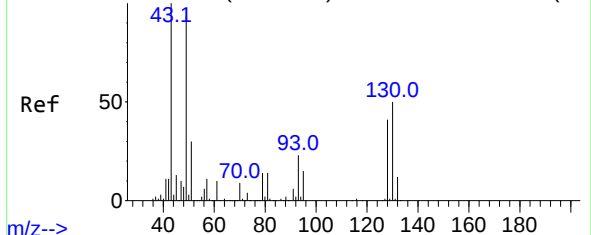
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040523\
Data File : VL040310.D
Acq On : 5 Apr 2023 10:19
Operator : SY/MD
Sample : VL0405ABL01
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Instrument :
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ClientSampleId :
VL0405ABL01

Quant Time: Apr 06 07:49:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration



Abundance Scan 804 (5.189 min): VL040279.D\data.ms (-78



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.169 min Scan# 79

Delta R.T. -0.020 min

Lab File: VL040310.D

Acq: 5 Apr 2023 10:19

Instrument :

MSVOA_L

ClientSampleId :

VL0405ABL01

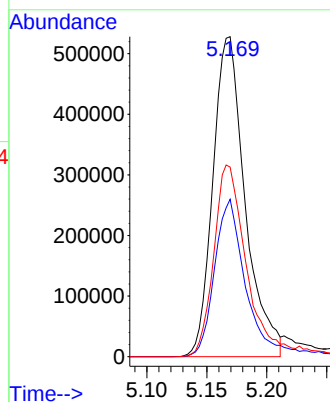
Tgt Ion: 49 Resp: 986056

Ion Ratio Lower Upper

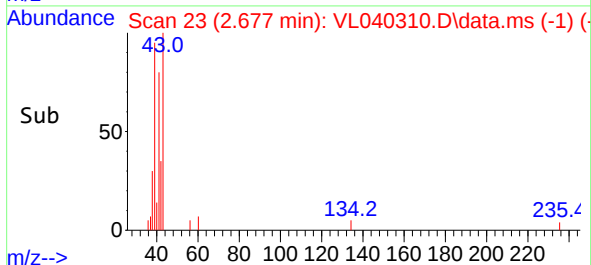
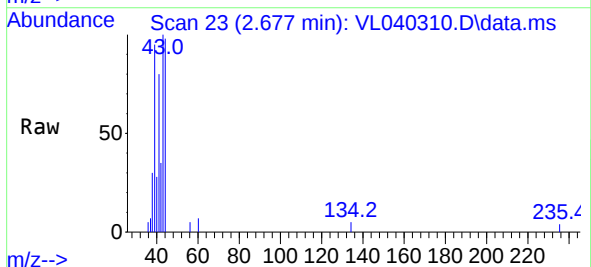
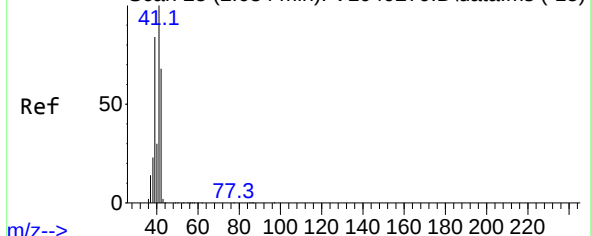
49 100

128 50.2 22.4 67.3

130 65.0 28.7 86.1



Abundance Scan 25 (2.684 min): VL040279.D\data.ms (-15)



#9

Propene

Concen: 0.044 ppbv

RT: 2.677 min Scan# 23

Delta R.T. -0.007 min

Lab File: VL040310.D

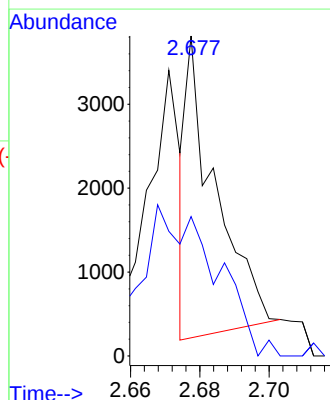
Acq: 5 Apr 2023 10:19

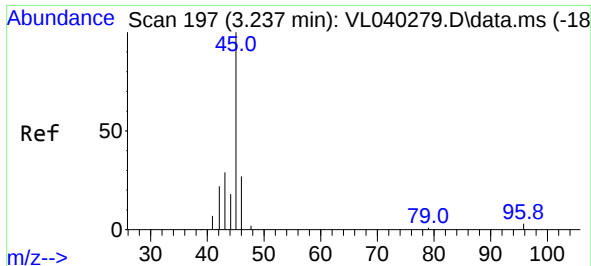
Tgt Ion: 41 Resp: 2097

Ion Ratio Lower Upper

41 100

42 0.0 59.0 88.4#

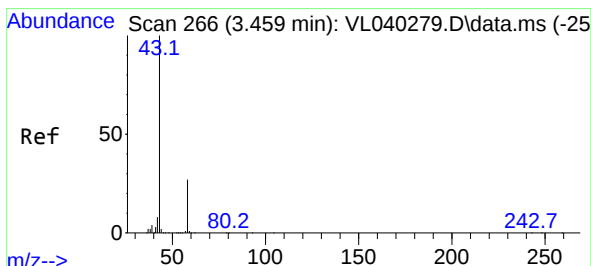
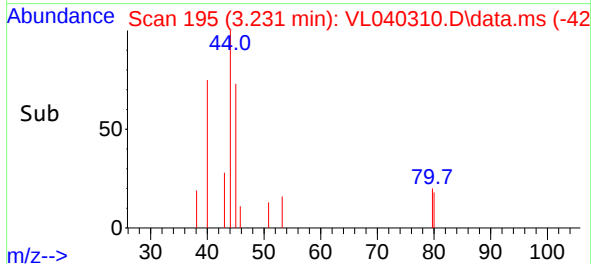
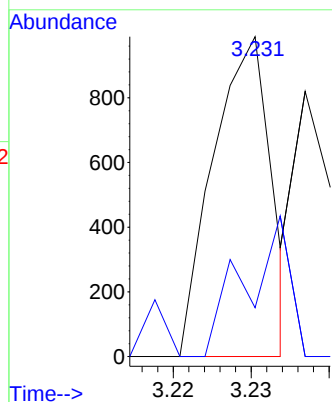
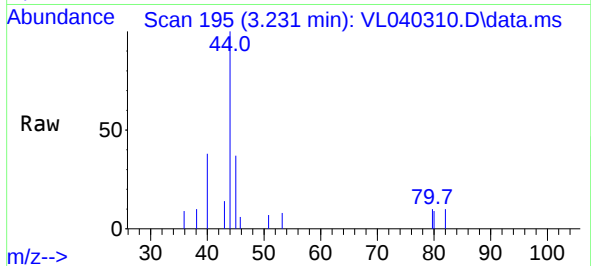




#13
Ethanol
Concen: 0.148 ppbv
RT: 3.231 min Scan# 195
Delta R.T. -0.006 min
Lab File: VL040310.D
Acq: 5 Apr 2023 10:19

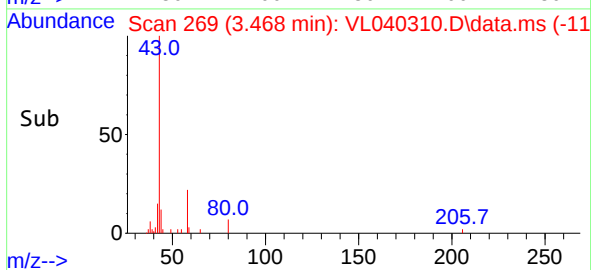
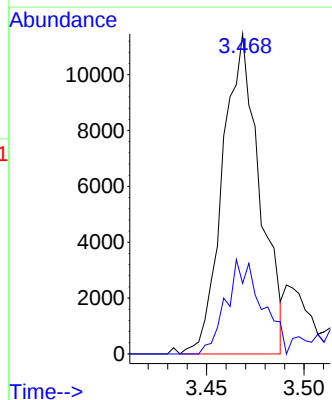
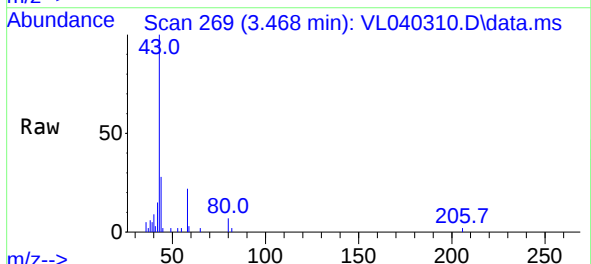
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABL01

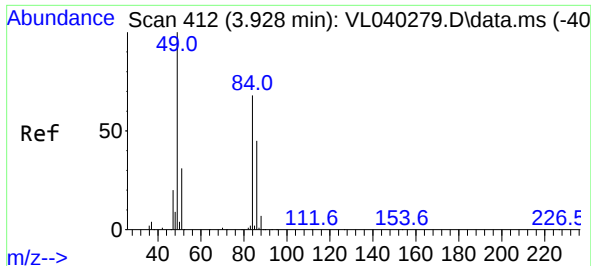
Tgt Ion: 45 Resp: 516
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.2#



#15
Acetone
Concen: 0.126 ppbv
RT: 3.468 min Scan# 269
Delta R.T. 0.009 min
Lab File: VL040310.D
Acq: 5 Apr 2023 10:19

Tgt Ion: 43 Resp: 15087
Ion Ratio Lower Upper
43 100
58 35.3 21.8 32.8#

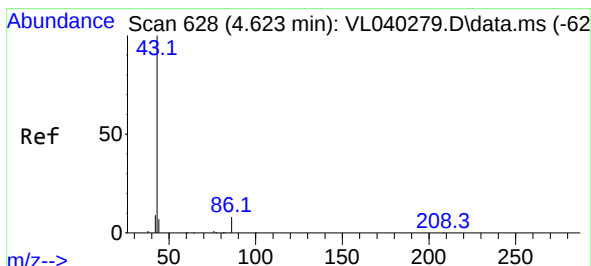
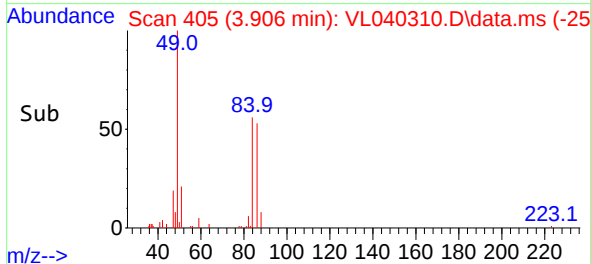
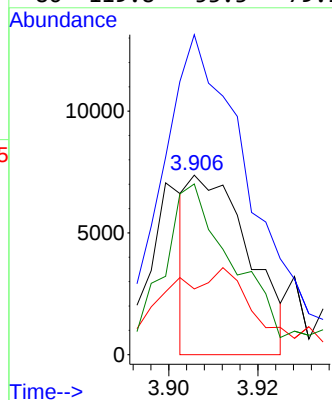
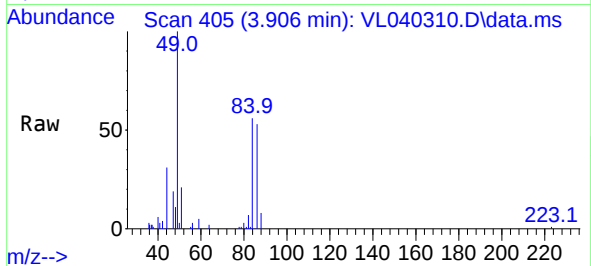




#20
Methylene Chloride
Concen: 0.137 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.022 min
Lab File: VL040310.D
Acq: 5 Apr 2023 10:19

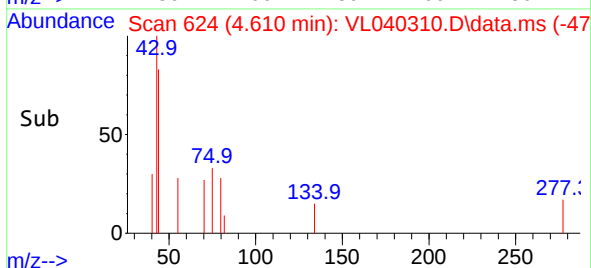
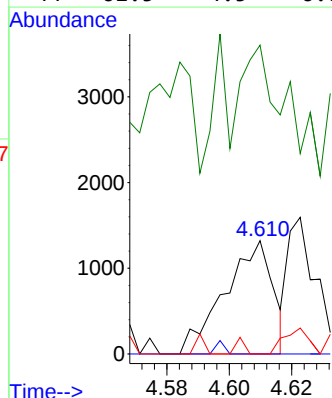
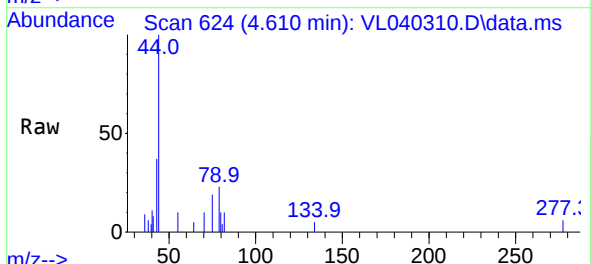
Instrument :
MSVOA_1
ClientSampleId :
VL0405ABL01

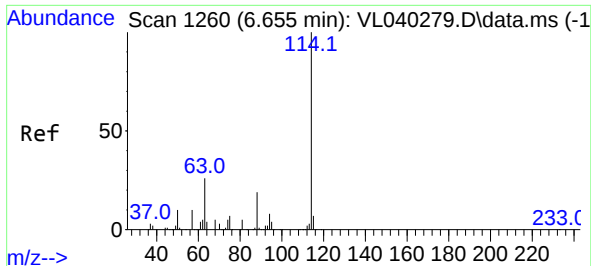
Tgt Ion: 84 Resp: 6926
Ion Ratio Lower Upper
84 100
49 174.7 117.5 176.3
51 29.9 36.9 55.3#
86 119.8 53.3 79.9#



#23
Vinyl Acetate
Concen: 0.042 ppbv
RT: 4.610 min Scan# 624
Delta R.T. -0.013 min
Lab File: VL040310.D
Acq: 5 Apr 2023 10:19

Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
86 0.0 5.0 7.4#
42 0.0 9.1 13.7#
44 61.5 4.5 6.7#

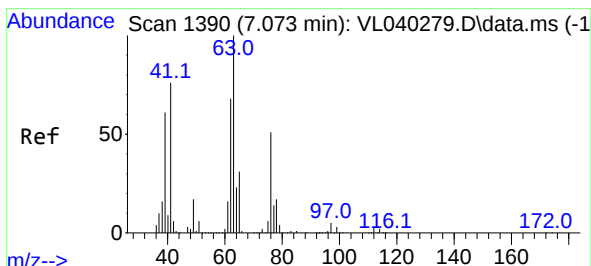
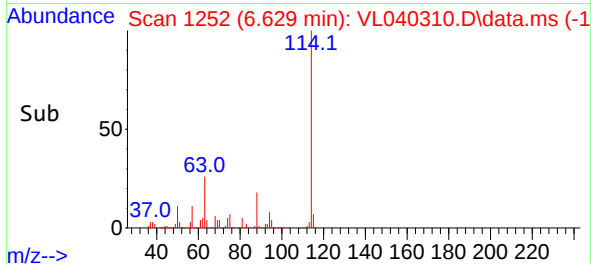
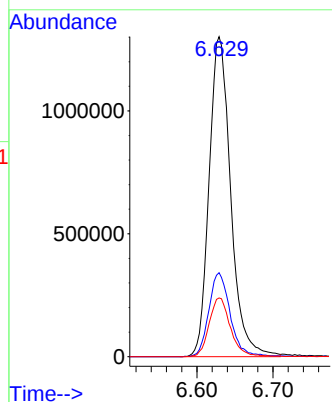
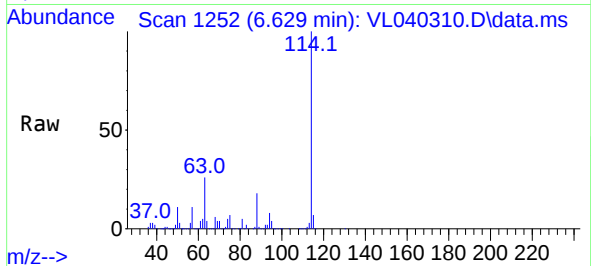




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.629 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040310.D
Acq: 5 Apr 2023 10:19

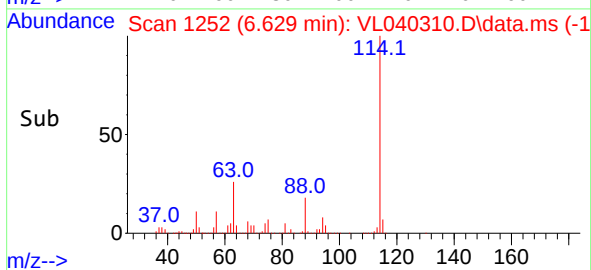
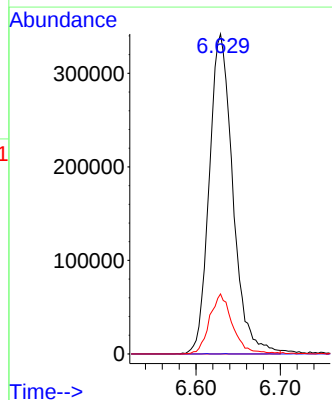
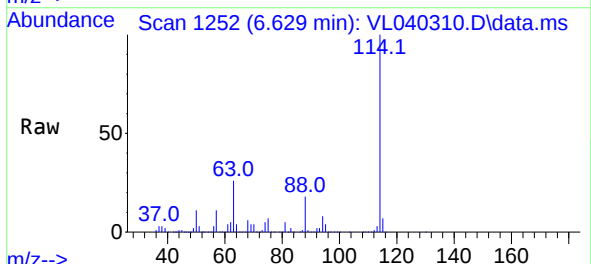
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABL01

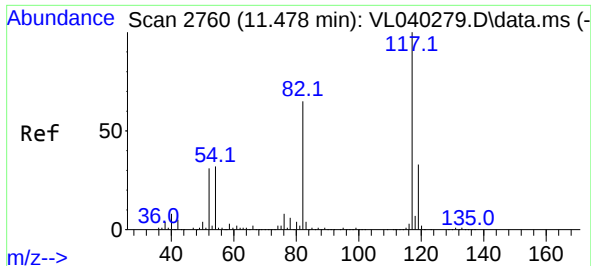
Tgt Ion:114 Resp: 2569041
Ion Ratio Lower Upper
114 100
63 26.1 21.2 31.8
88 18.2 14.5 21.7



#39
1,2-Dichloropropane
Concen: 8.670 ppbv
RT: 6.629 min Scan# 1252
Delta R.T. -0.444 min
Lab File: VL040310.D
Acq: 5 Apr 2023 10:19

Tgt Ion: 63 Resp: 665939
Ion Ratio Lower Upper
63 100
41 0.0 60.8 91.2#
62 18.7 54.1 81.1#

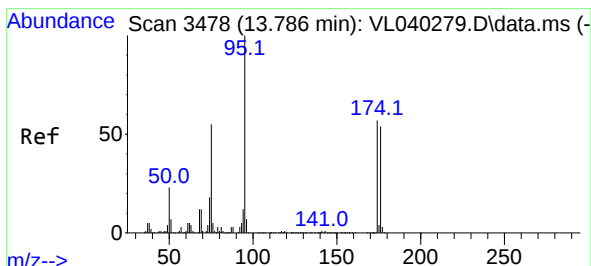
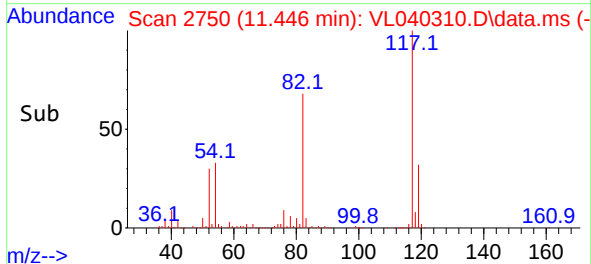
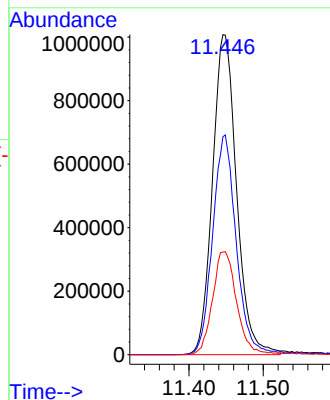
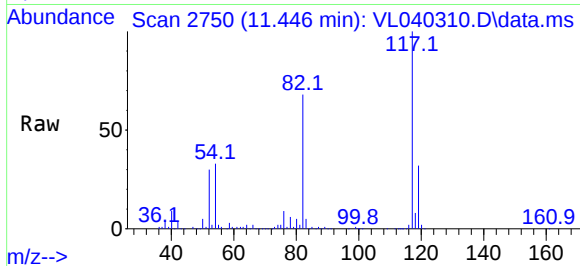




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040310.D
Acq: 5 Apr 2023 10:19

Instrument :
MSVOA_L
ClientSampleId :
VL0405ABL01

Tgt Ion:117 Resp: 2269486
Ion Ratio Lower Upper
117 100
82 67.8 51.4 77.2
119 32.7 24.0 36.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.687 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.029 min
Lab File: VL040310.D
Acq: 5 Apr 2023 10:19

Tgt Ion: 95 Resp: 1841093
Ion Ratio Lower Upper
95 100
174 59.9 47.0 70.6
175 4.4 3.4 5.2

