

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039877.D
 Acq On : 10 Nov 2022 23:51
 Operator : SY/AP
 Sample : N5584-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 11 05:04:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

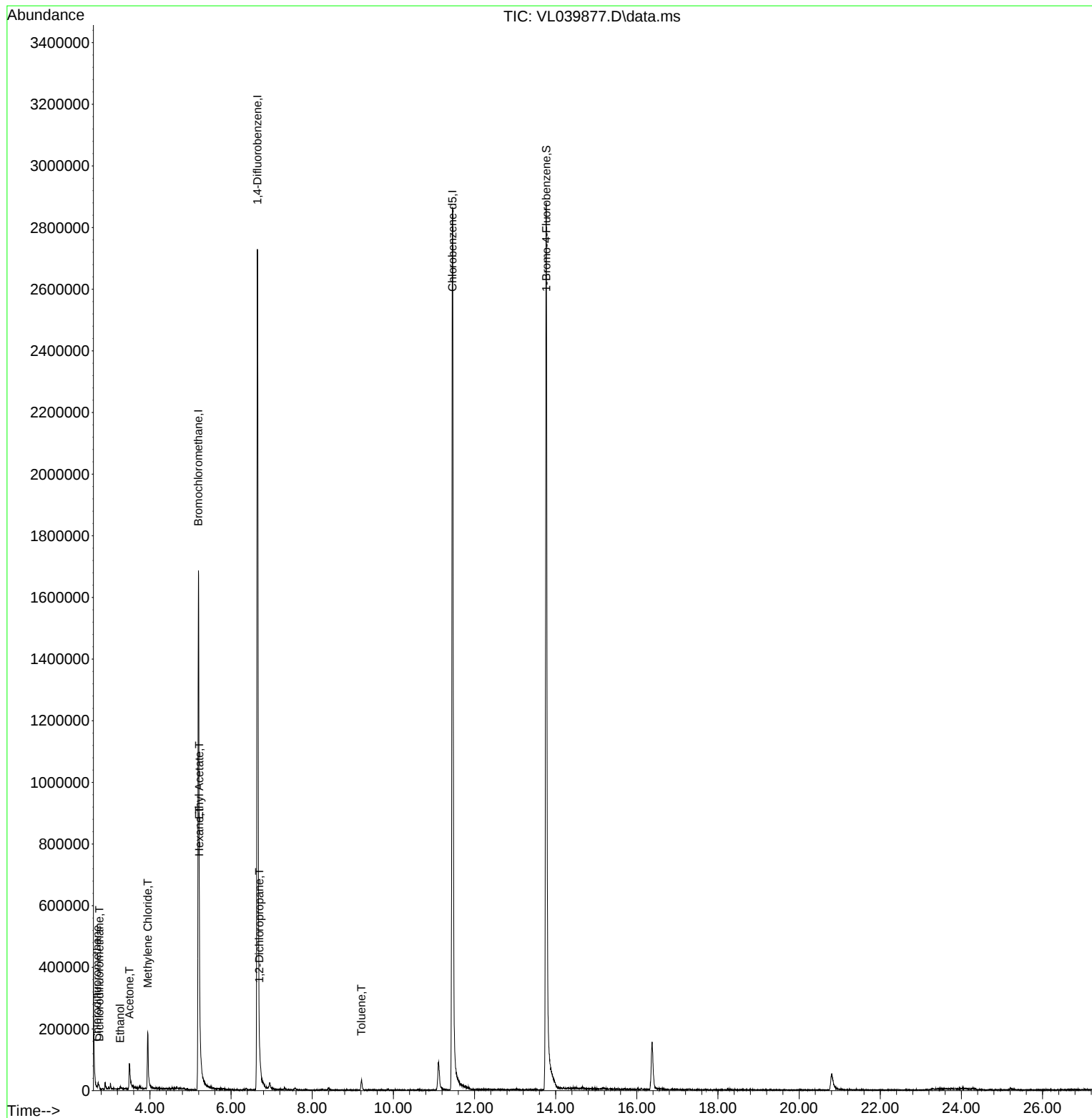
Internal Standards							
1) Bromochloromethane		5.195	49	939811	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		6.648	114	2026441	10.000	ppbv	# 0.00
55) Chlorobenzene-d5		11.455	117	1786815	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.767	95	1465456	10.957	ppbv	0.00
Spiked Amount		10.000	Range	65 - 135	Recovery	= 109.600%	
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane		2.751	85	6332	0.040	ppbv	98
3) Chlorodifluoromethane		2.697	51	5777	0.052	ppbv	97
13) Ethanol		3.262	45	1814	0.440	ppbv	# 34
15) Acetone		3.494	43	92487	0.808	ppbv	89
20) Methylene Chloride		3.947	84	62821	1.535	ppbv	# 90
25) Ethyl Acetate		5.214	43	8262	0.035	ppbv	# 74
26) Hexane		5.217	57	13622	0.130	ppbv	# 29
39) 1,2-Dichloropropane		6.693	63	17527	0.263	ppbv	# 30
53) Toluene		9.211	91	23699	0.121	ppbv	99

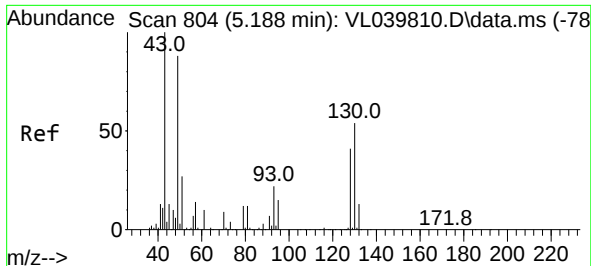
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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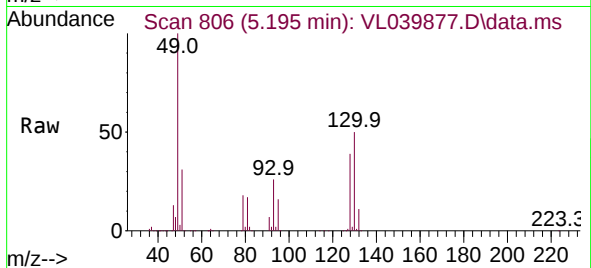
Quant Time: Nov 11 05:04:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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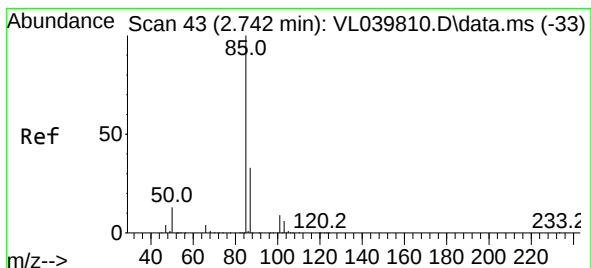
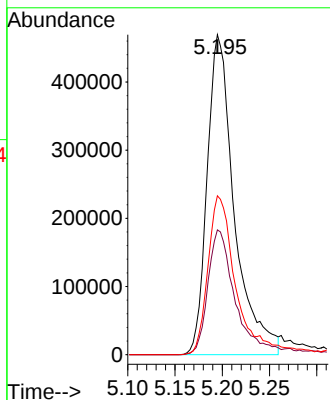
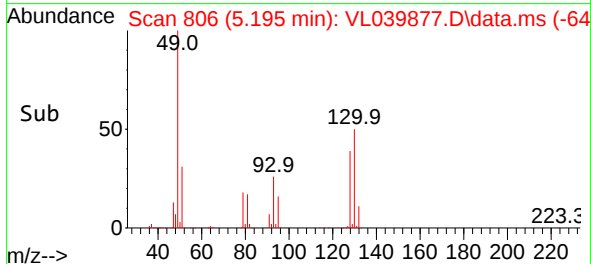


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.195 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: VL039877.D
 Acq: 10 Nov 2022 23:51

Instrument :
 MSVOA_L
 ClientSampleId :

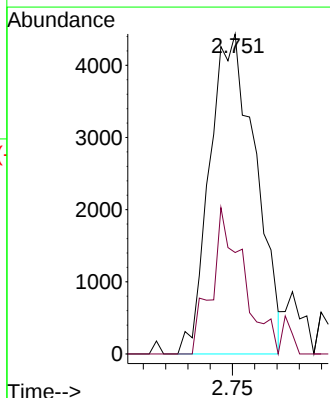
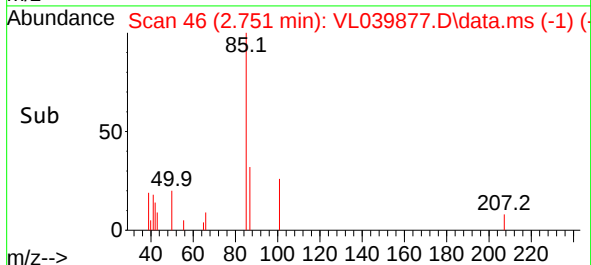
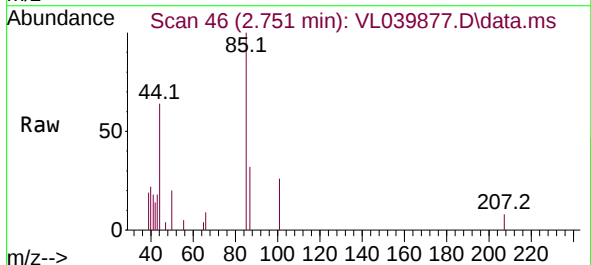


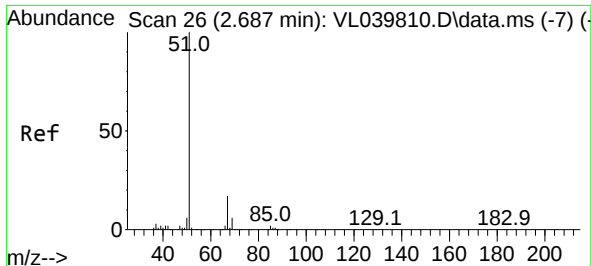
Tgt Ion: 49 Resp: 939811
 Ion Ratio Lower Upper
 49 100
 128 41.0 24.6 73.6
 130 53.3 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 0.040 ppbv
 RT: 2.751 min Scan# 46
 Delta R.T. 0.010 min
 Lab File: VL039877.D
 Acq: 10 Nov 2022 23:51

Tgt Ion: 85 Resp: 6332
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.4 39.6

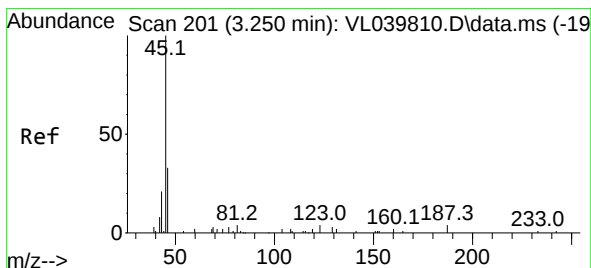
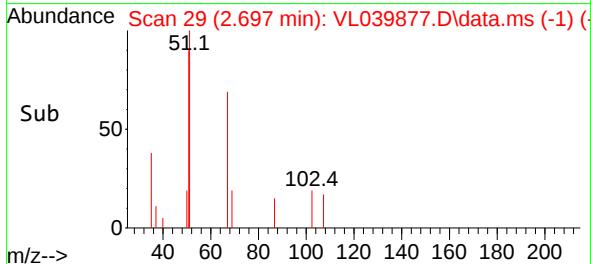
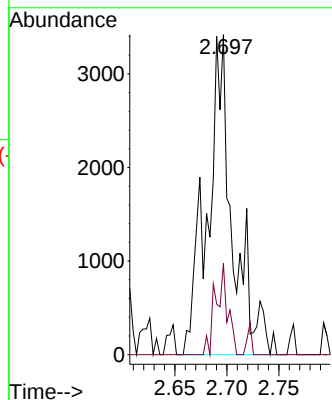
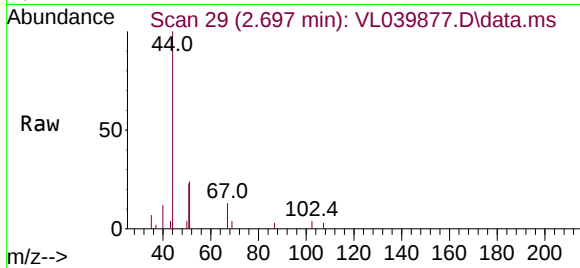




#3
Chlorodifluoromethane
Concen: 0.052 ppbv
RT: 2.697 min Scan# 205
Delta R.T. 0.010 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

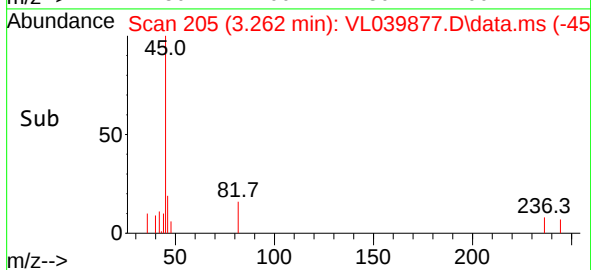
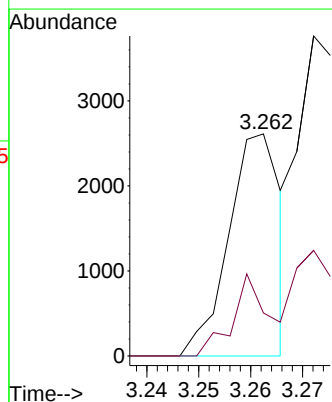
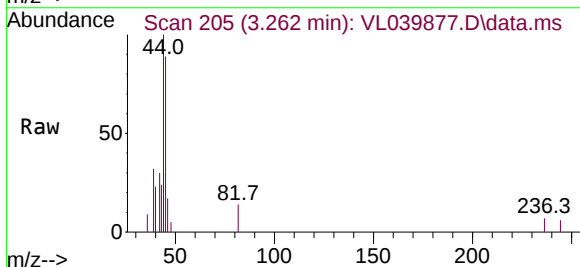
Instrument :
MSVOA_L
ClientSampleId :

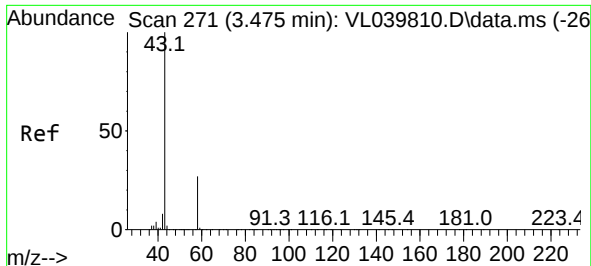
Tgt Ion: 51 Resp: 5777
Ion Ratio Lower Upper
51 100
67 15.2 13.2 19.8



#13
Ethanol
Concen: 0.440 ppbv
RT: 3.262 min Scan# 205
Delta R.T. 0.013 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

Tgt Ion: 45 Resp: 1814
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#

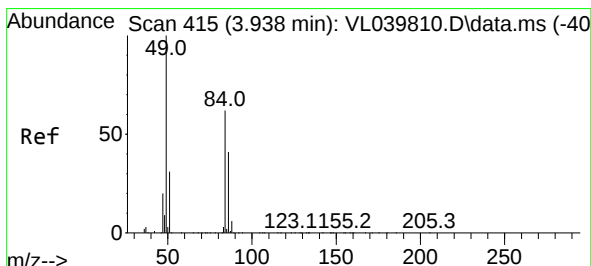
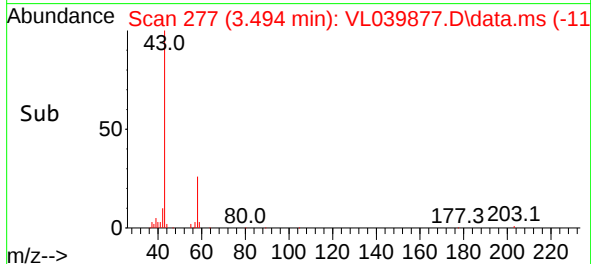
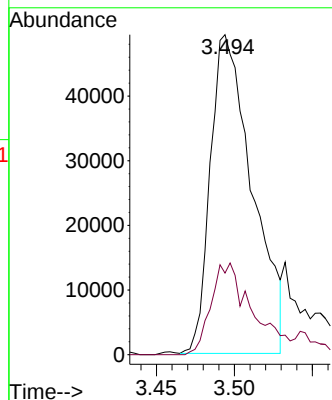
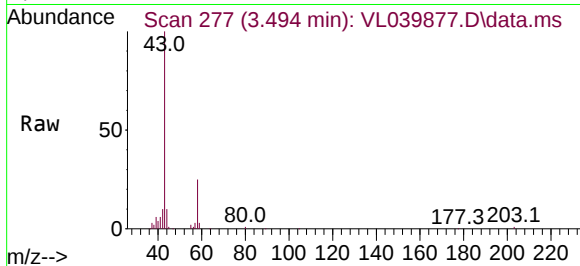




#15
Acetone
Concen: 0.808 ppbv
RT: 3.494 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

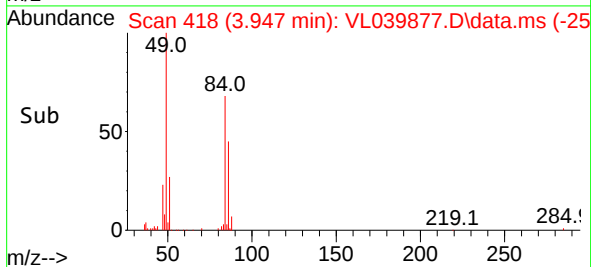
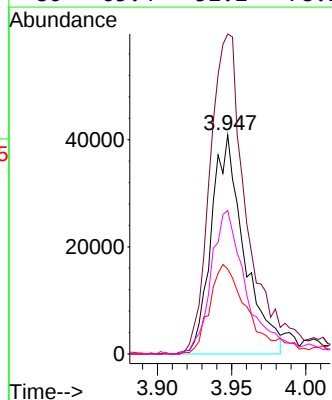
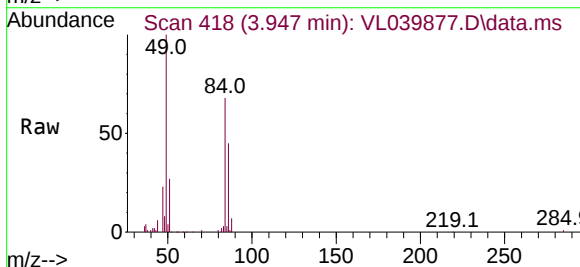
Instrument :
MSVOA_L
ClientSampleId :

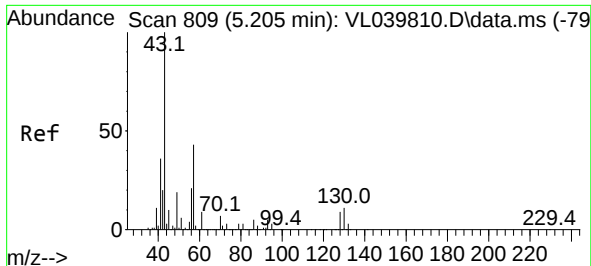
Tgt Ion: 43 Resp: 92487
Ion Ratio Lower Upper
43 100
58 34.7 23.2 34.8



#20
Methylene Chloride
Concen: 1.535 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.010 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

Tgt Ion: 84 Resp: 62821
Ion Ratio Lower Upper
84 100
49 145.2 128.6 192.8
51 38.8 40.2 60.4#
86 65.4 52.2 78.2





#25

Ethyl Acetate

Concen: 0.035 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.010 min

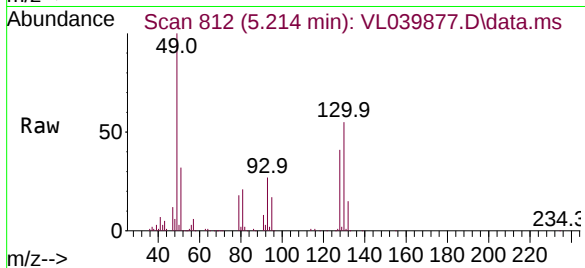
Lab File: VL039877.D

Acq: 10 Nov 2022 23:51

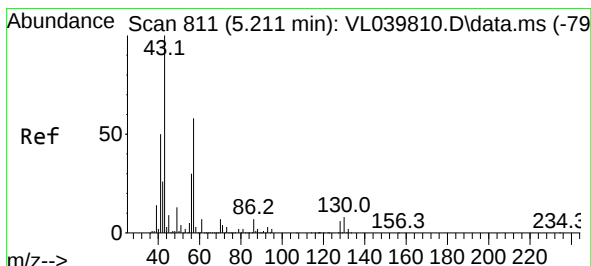
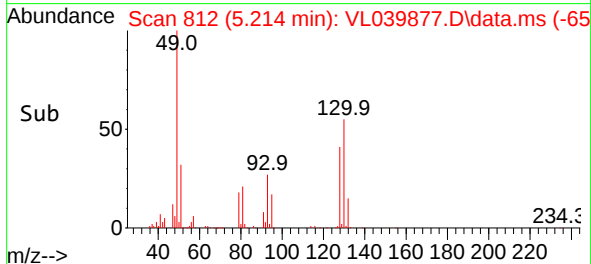
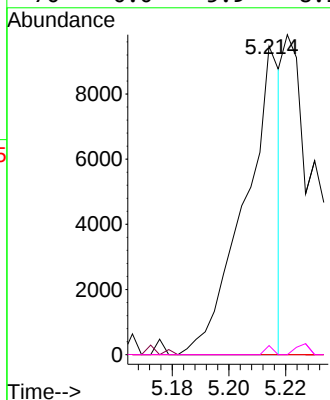
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	43	Resp:	8262
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.2#
61	0.0	8.1	12.1#
70	0.0	5.9	8.9#



#26

Hexane

Concen: 0.130 ppbv

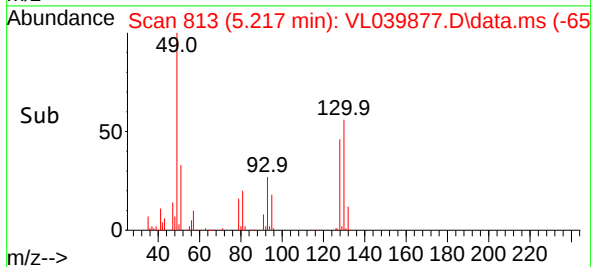
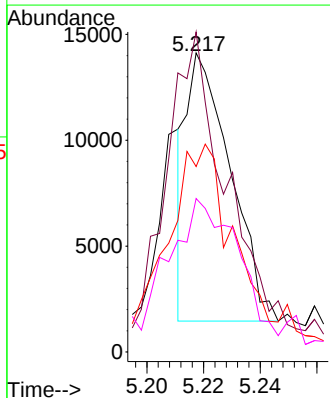
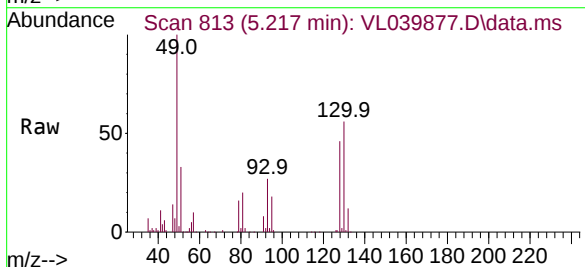
RT: 5.217 min Scan# 813

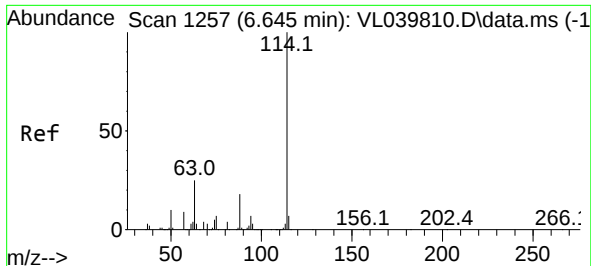
Delta R.T. 0.006 min

Lab File: VL039877.D

Acq: 10 Nov 2022 23:51

Tgt Ion:	57	Resp:	13622
Ion	Ratio	Lower	Upper
57	100		
41	187.9	73.7	110.5#
43	137.3	189.8	284.8#
56	108.2	43.1	64.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039877.D

Acq: 10 Nov 2022 23:51

Instrument :

MSVOA_L

ClientSampleId :

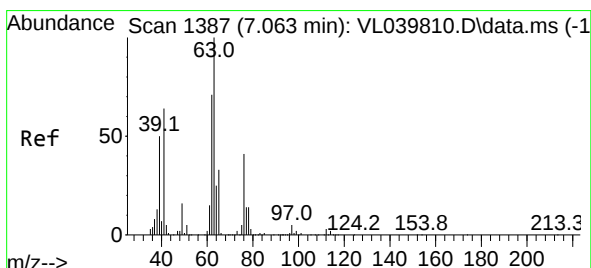
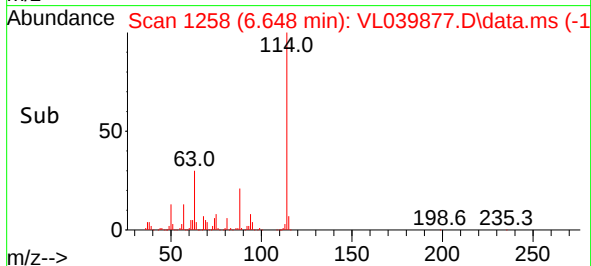
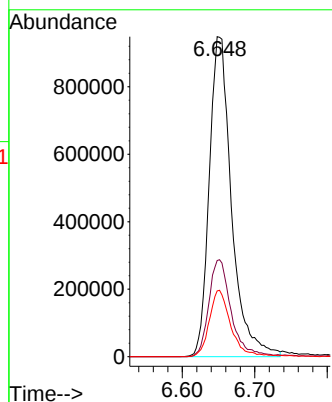
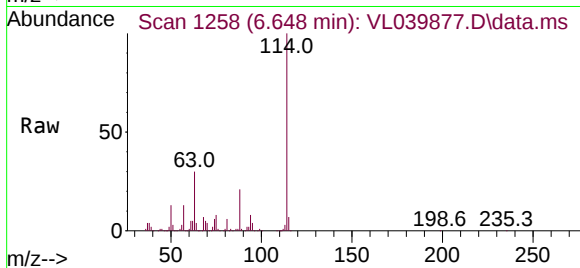
Tgt Ion:114 Resp: 2026441

Ion Ratio Lower Upper

114 100

63 30.6 19.8 29.6#

88 20.2 14.4 21.6



#39

1,2-Dichloropropane

Concen: 0.263 ppbv

RT: 6.693 min Scan# 1272

Delta R.T. -0.370 min

Lab File: VL039877.D

Acq: 10 Nov 2022 23:51

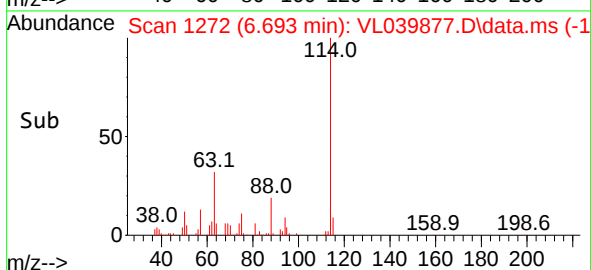
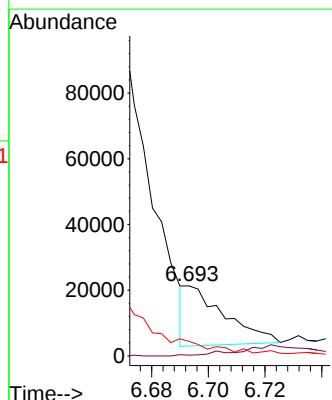
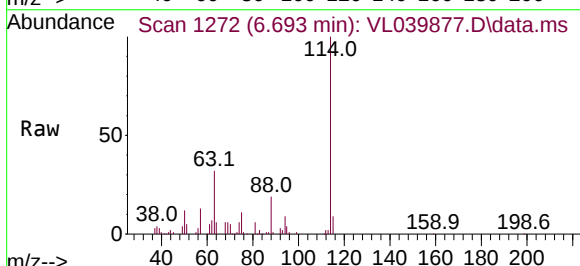
Tgt Ion: 63 Resp: 17527

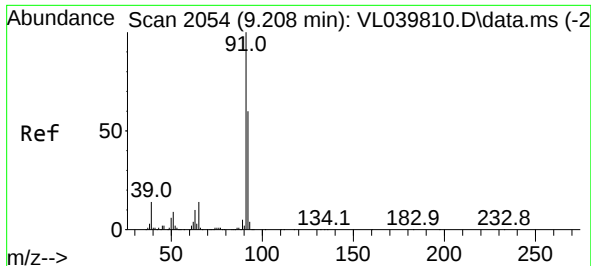
Ion Ratio Lower Upper

63 100

41 0.2 51.0 76.4#

62 21.0 56.6 85.0#

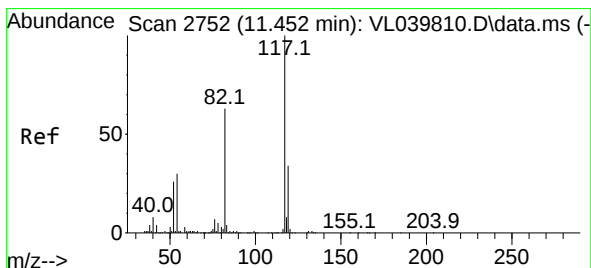
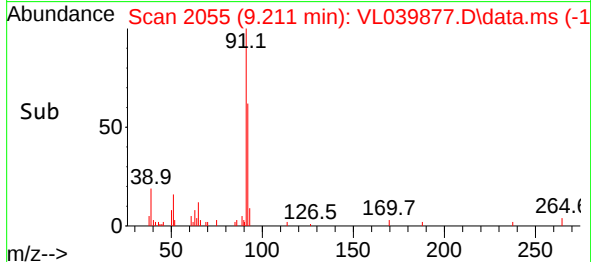
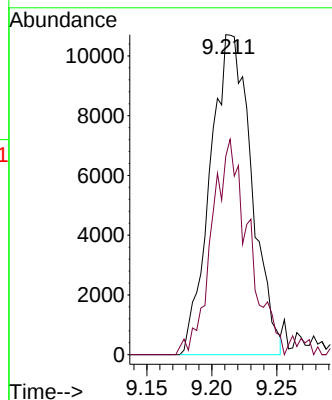
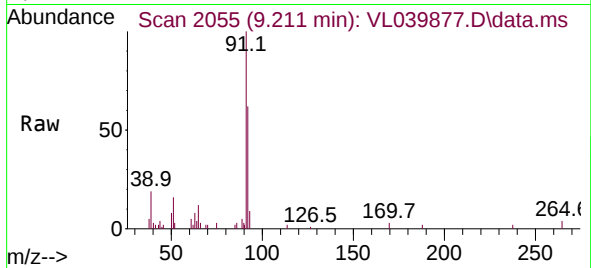




#53
Toluene
Concen: 0.121 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

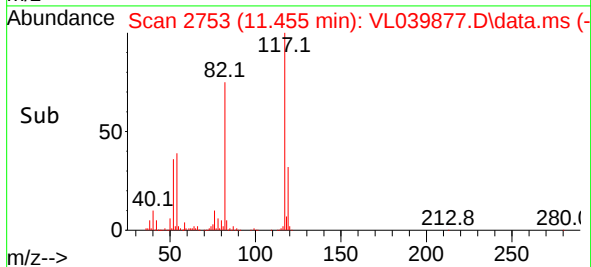
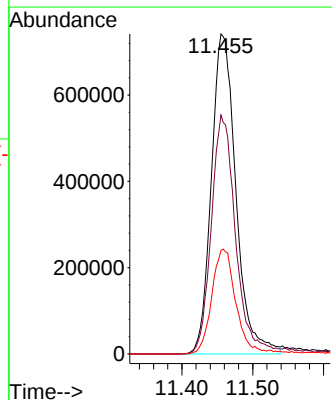
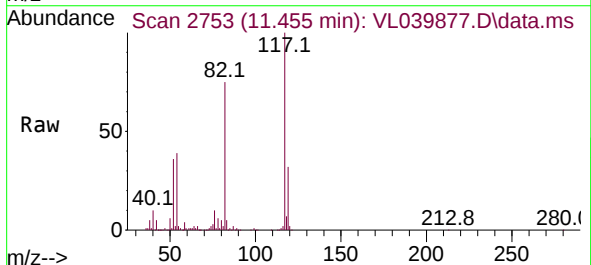
Instrument :
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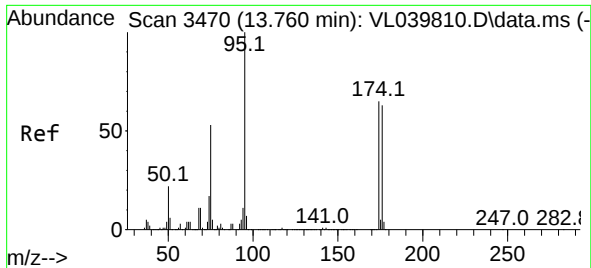
Tgt Ion: 91 Resp: 23699
Ion Ratio Lower Upper
91 100
92 63.0 49.6 74.4



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2753
Delta R.T. 0.003 min
Lab File: VL039877.D
Acq: 10 Nov 2022 23:51

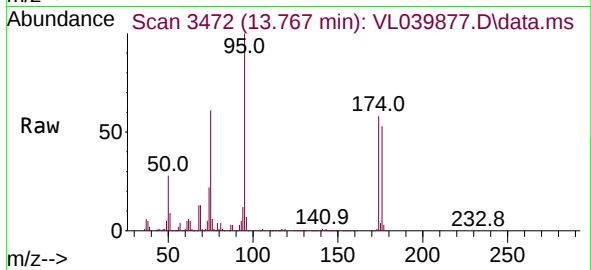
Tgt Ion: 117 Resp: 1786815
Ion Ratio Lower Upper
117 100
82 76.3 51.0 76.6
119 33.3 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.957 ppbv
 RT: 13.767 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VL039877.D
 Acq: 10 Nov 2022 23:51

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1465456

Ion	Ratio	Lower	Upper
95	100		
174	58.7	53.4	80.0
175	4.1	4.1	6.1

