

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039725.D
 Acq On : 17 Oct 2022 18:44
 Operator : SY/AP
 Sample : N5169-06DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Quant Time: Oct 18 05:28:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Oct 18 05:23:57 2022
 Response via : Initial Calibration

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

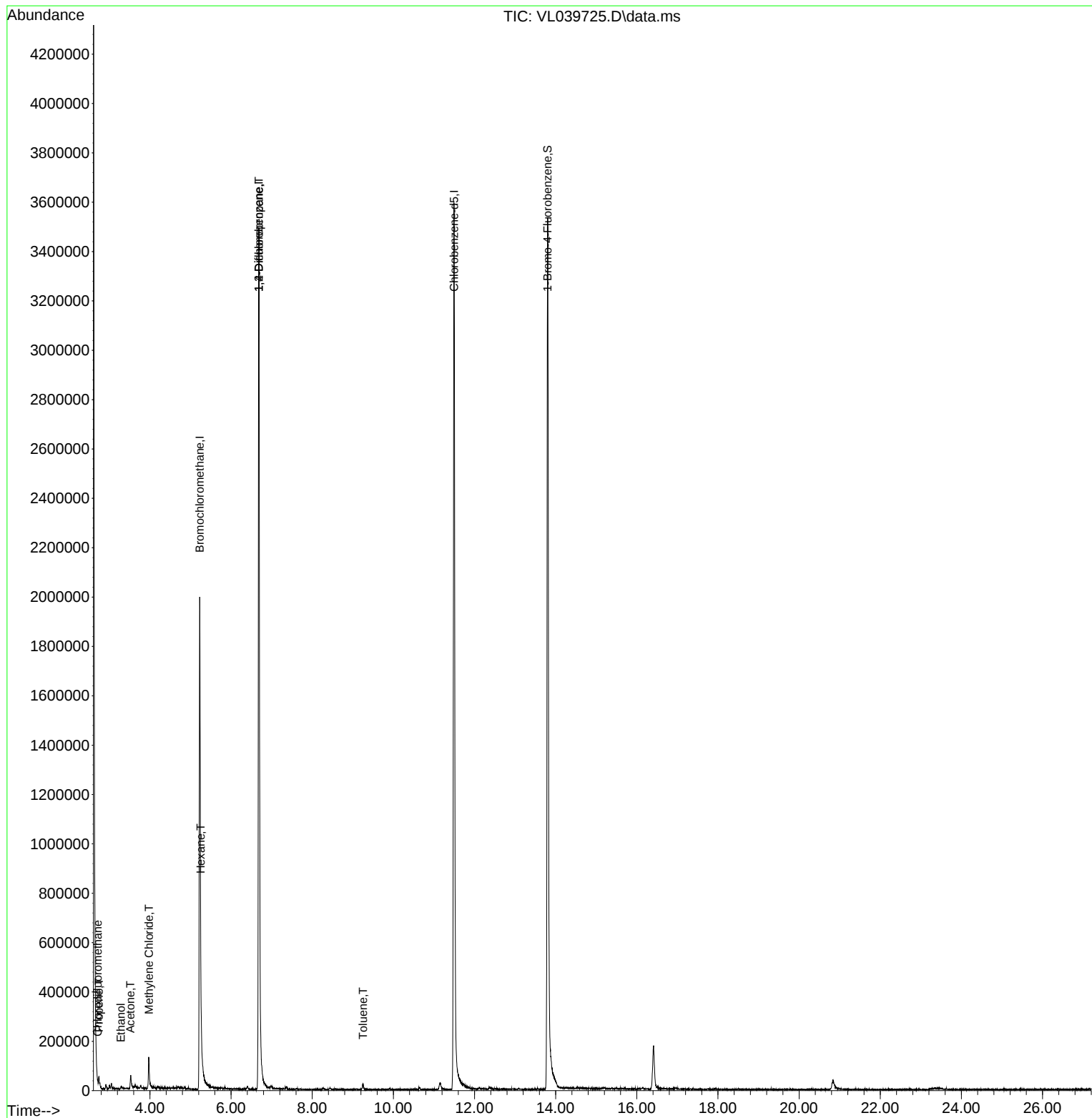
Internal Standards						
1) Bromochloromethane	5.227	49	1055975	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.687	114	2785997	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	2379101	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1726611	9.722	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.200%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.713	51	6655	0.053	ppbv #	77
9) Propene	2.745	41	12330	0.215	ppbv	97
13) Ethanol	3.282	45	2160	0.495	ppbv #	1
15) Acetone	3.520	43	20025	0.170	ppbv #	49
20) Methylene Chloride	3.973	84	43160	0.794	ppbv	89
26) Hexane	5.250	57	22822	0.210	ppbv #	44
39) 1,2-Dichloropropane	6.687	63	680633	8.275	ppbv #	26
53) Toluene	9.250	91	9364	0.040	ppbv #	71

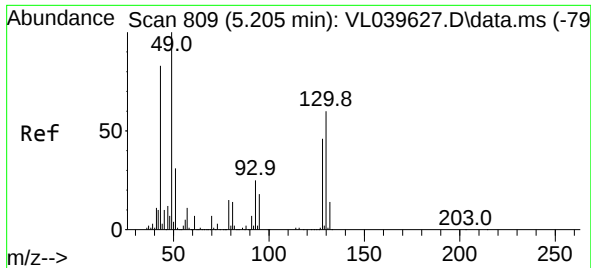
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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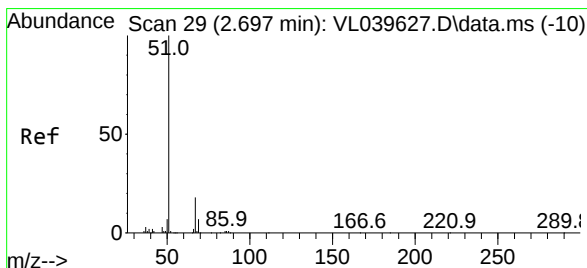
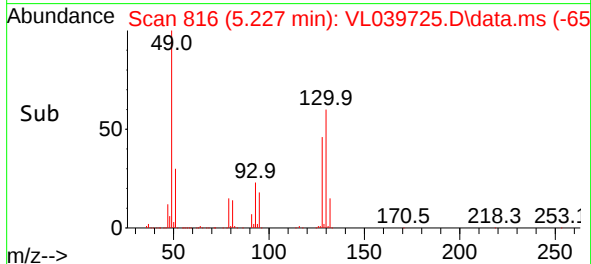
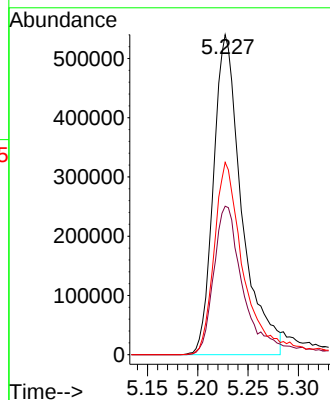
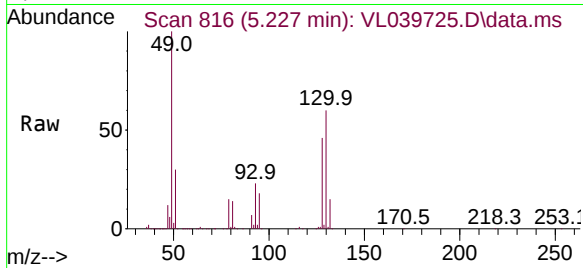




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

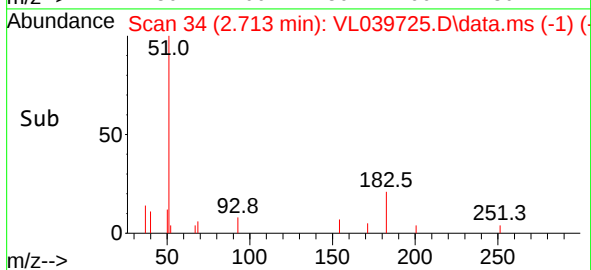
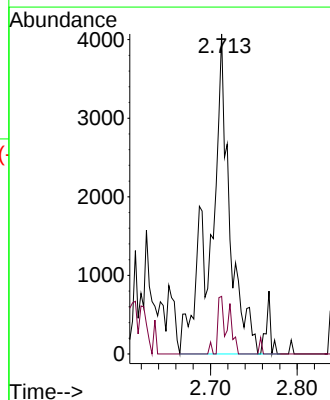
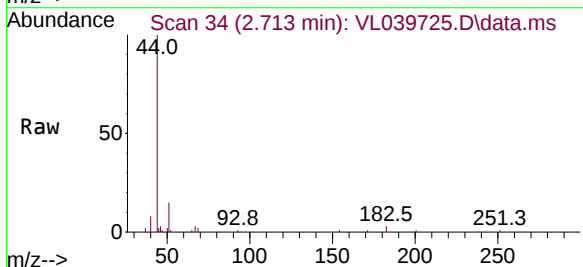
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

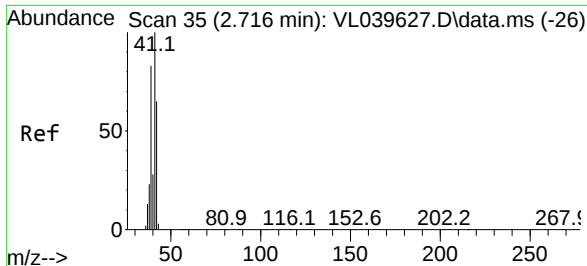
Tgt Ion: 49 Resp: 1055975
Ion Ratio Lower Upper
49 100
128 51.6 26.7 80.0
130 64.8 34.3 102.8



#3
Chlorodifluoromethane
Concen: 0.053 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.000 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

Tgt Ion: 51 Resp: 6655
Ion Ratio Lower Upper
51 100
67 9.2 15.7 23.5#

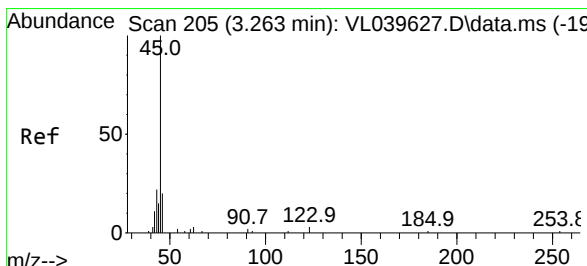
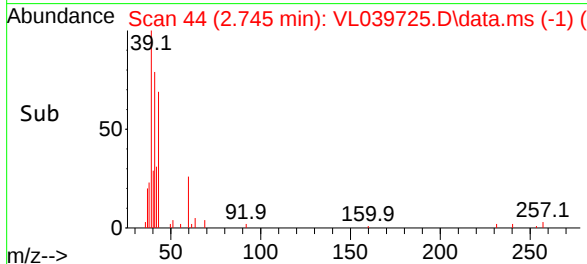
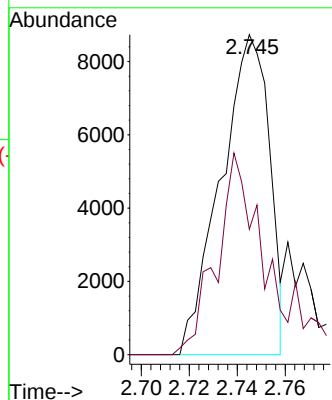
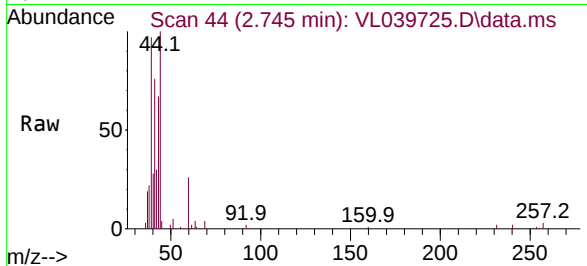




#9
 Propene
 Concen: 0.215 ppbv
 RT: 2.745 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL039725.D
 Acq: 17 Oct 2022 18:44

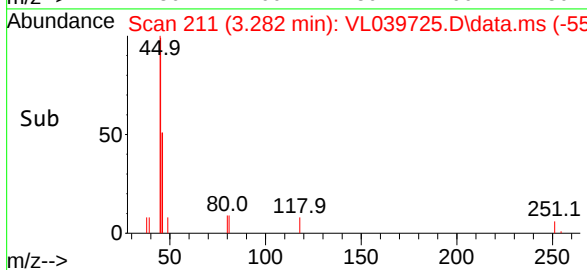
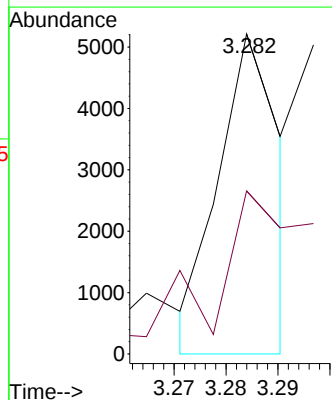
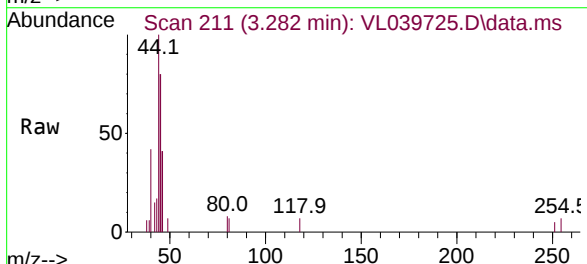
Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

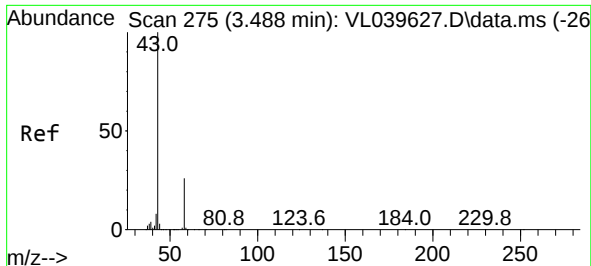
Tgt Ion: 41 Resp: 12330
 Ion Ratio Lower Upper
 41 100
 42 71.6 55.2 82.8



#13
 Ethanol
 Concen: 0.495 ppbv
 RT: 3.282 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VL039725.D
 Acq: 17 Oct 2022 18:44

Tgt Ion: 45 Resp: 2160
 Ion Ratio Lower Upper
 45 100
 46 187.3 22.8 91.2#

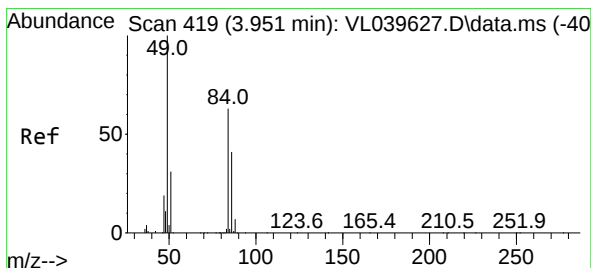
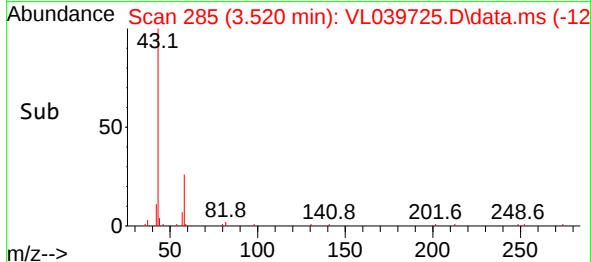
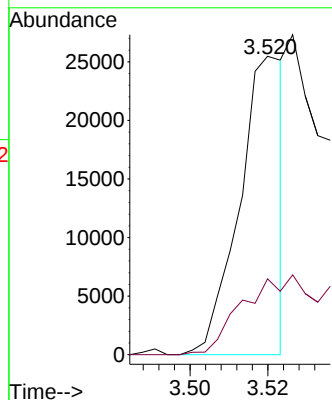
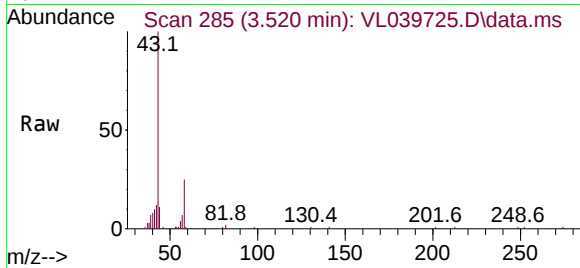




#15
Acetone
Concen: 0.170 ppbv
RT: 3.520 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

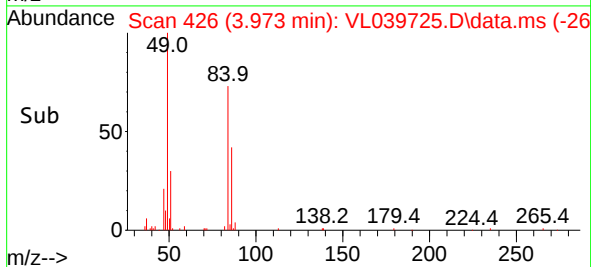
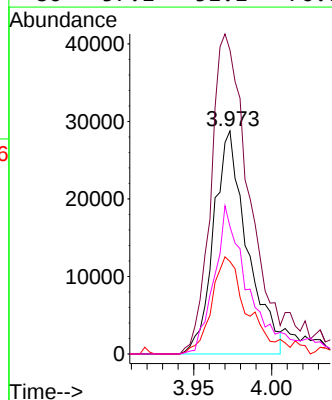
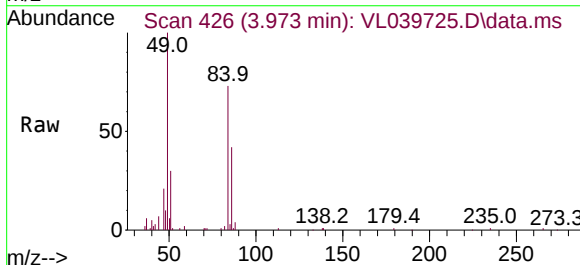
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

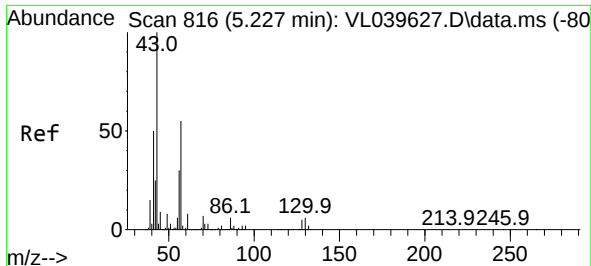
Tgt Ion: 43 Resp: 20025
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6#



#20
Methylene Chloride
Concen: 0.794 ppbv
RT: 3.973 min Scan# 426
Delta R.T. 0.003 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

Tgt Ion: 84 Resp: 43160
Ion Ratio Lower Upper
84 100
49 136.3 123.1 184.7
51 41.5 34.4 51.6
86 57.1 51.1 76.7

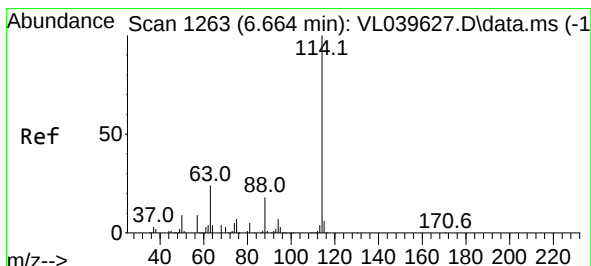
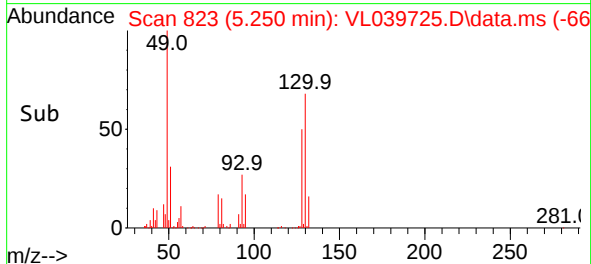
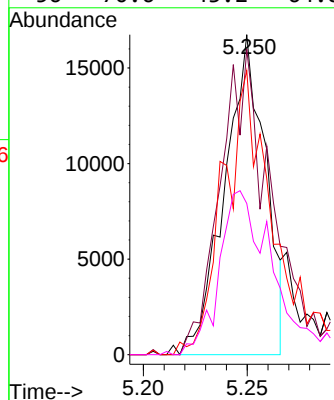
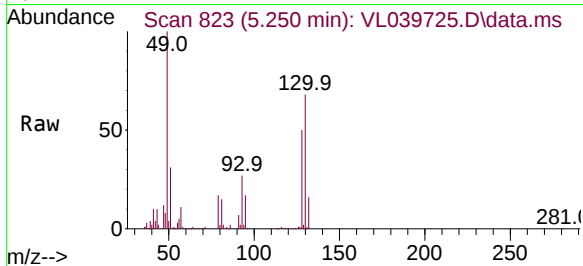




#26
Hexane
Concen: 0.210 ppbv
RT: 5.250 min Scan# 816
Delta R.T. 0.003 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

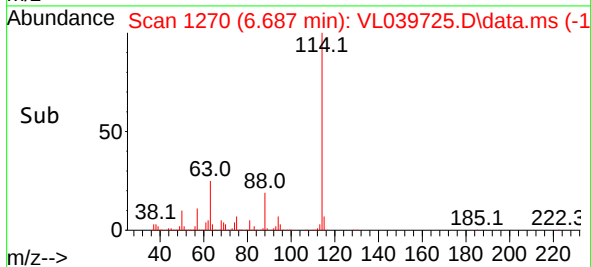
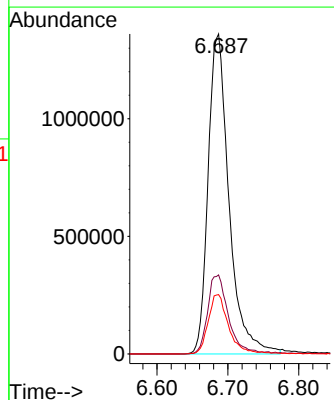
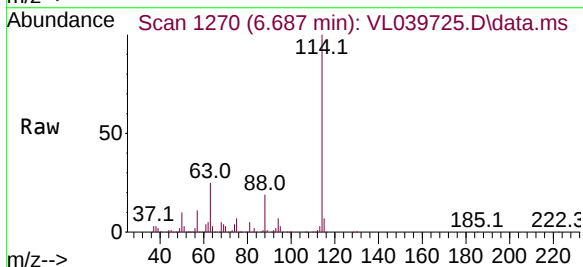
Instrument :
MSVOA_L
ClientSampleId :
OA1DL

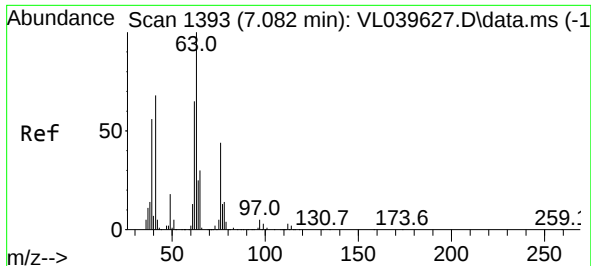
Tgt Ion: 57 Resp: 22822
Ion Ratio Lower Upper
57 100
41 129.5 76.9 115.3#
43 115.2 191.0 286.6#
56 70.6 43.2 64.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.687 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

Tgt Ion: 114 Resp: 2785997
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 18.4 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.275 ppbv

RT: 6.687 min Scan# 11

Delta R.T. -0.418 min

Lab File: VL039725.D

Acq: 17 Oct 2022 18:44

Instrument :

MSVOA_L

ClientSampleId :

OA1DL

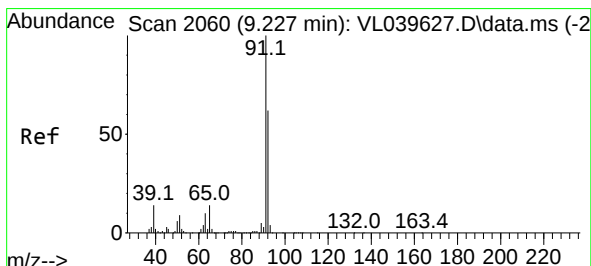
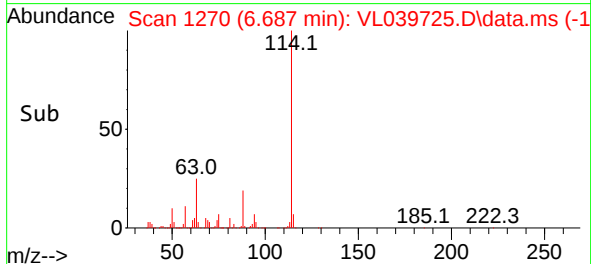
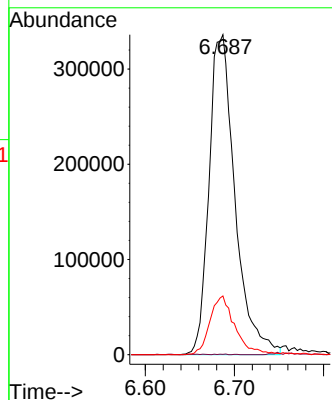
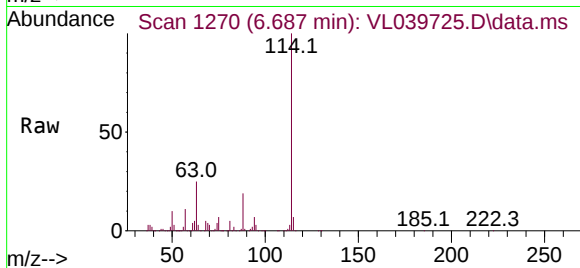
Tgt Ion: 63 Resp: 680633

Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 18.3 51.4 77.0#



#53

Toluene

Concen: 0.040 ppbv

RT: 9.250 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VL039725.D

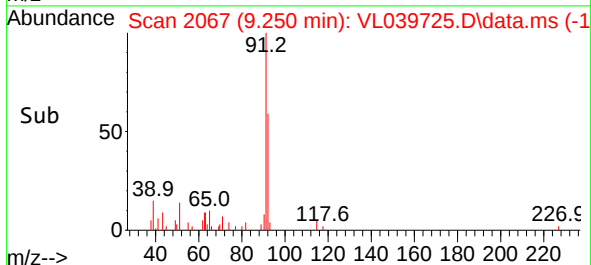
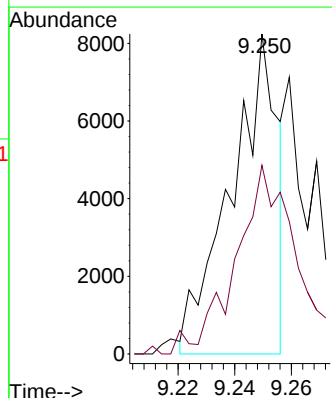
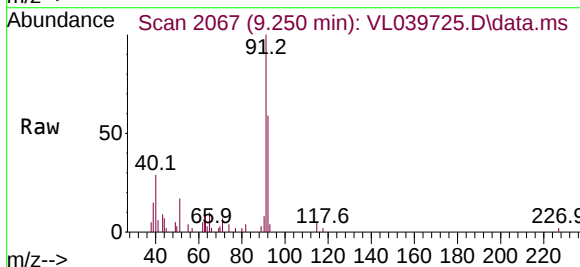
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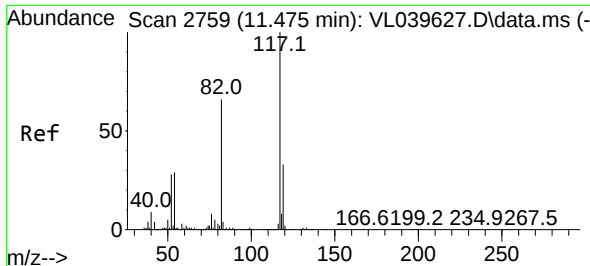
Tgt Ion: 91 Resp: 9364

Ion Ratio Lower Upper

91 100

92 81.9 48.2 72.2#

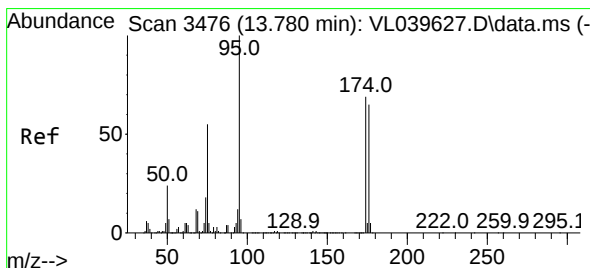
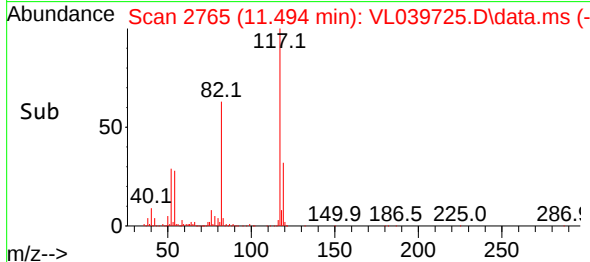
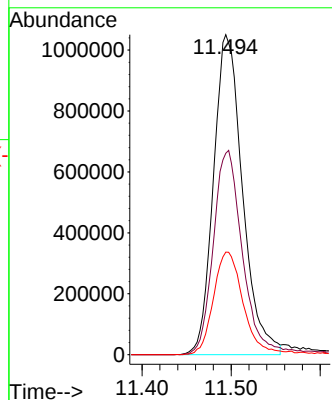
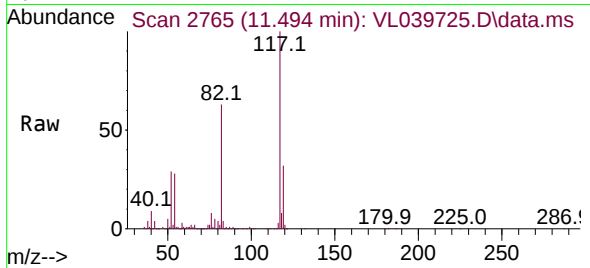




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion:117 Resp: 2379101
Ion Ratio Lower Upper
117 100
82 65.5 50.8 76.2
119 33.5 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.722 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.003 min
Lab File: VL039725.D
Acq: 17 Oct 2022 18:44

Tgt Ion: 95 Resp: 1726611
Ion Ratio Lower Upper
95 100
174 73.6 55.9 83.9
175 5.4 4.2 6.4

