

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039793.D
 Acq On : 25 Oct 2022 18:32
 Operator : SY/AP
 Sample : N5227-12DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LDL

Quant Time: Oct 28 08:09:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

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

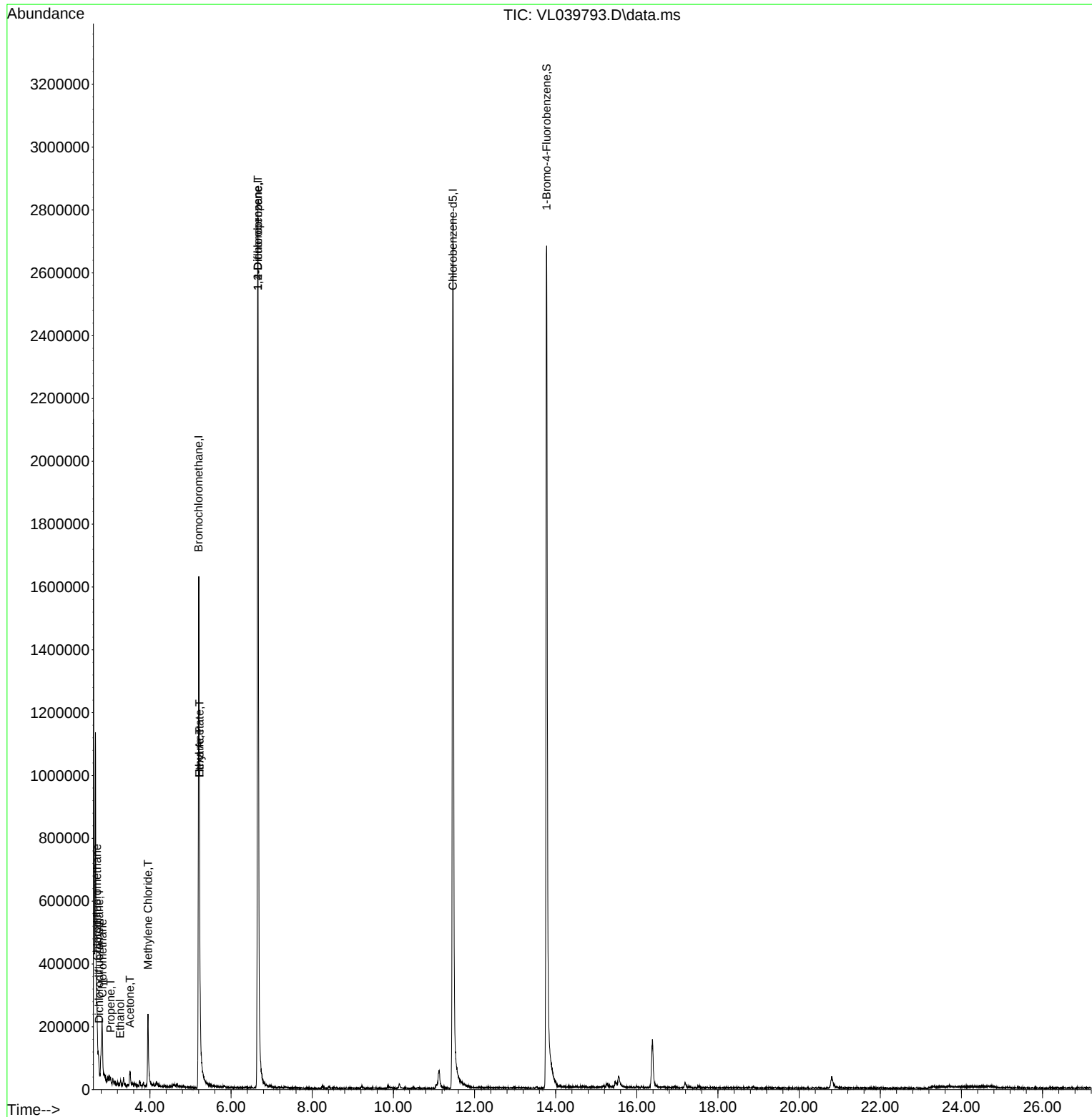
Internal Standards							
1) Bromochloromethane		5.202	49	871212	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		6.658	114	2231801	10.000	ppbv	0.00
55) Chlorobenzene-d5		11.468	117	1894429	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.774	95	1356016	10.062	ppbv	0.00
Spiked Amount		10.000	Range	65 - 135	Recovery	= 100.600%	
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane		2.748	85	4131	0.045	ppbv	# 86
3) Chlorodifluoromethane		2.694	51	86923	0.831	ppbv	# 62
4) Chloromethane		2.832	50	2661	0.041	ppbv	# 62
9) Propene		3.028	41	4301	0.096	ppbv	99
13) Ethanol		3.266	45	2461	0.762	ppbv	# 3
15) Acetone		3.504	43	44403	0.427	ppbv	92
20) Methylene Chloride		3.951	84	81534	2.059	ppbv	91
25) Ethyl Acetate		5.221	43	13617	0.067	ppbv	# 80
26) Hexane		5.221	57	18482	0.218	ppbv	# 1
39) 1,2-Dichloropropane		6.661	63	537343	8.115	ppbv	# 25

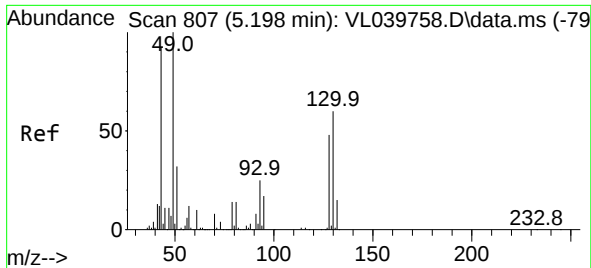
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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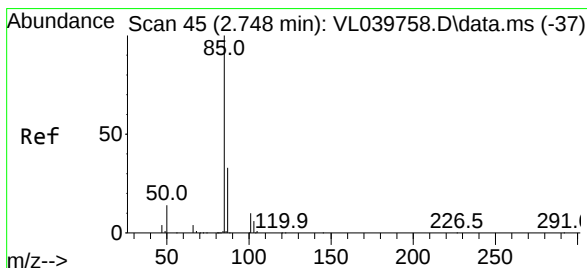
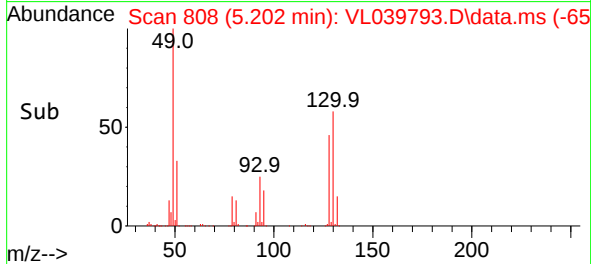
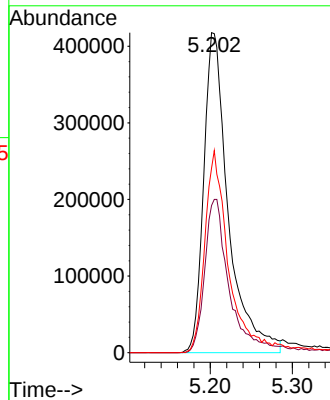
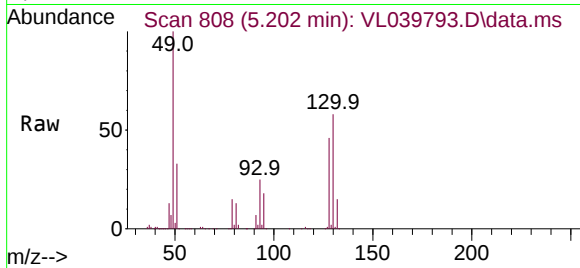




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.202 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL039793.D
Acq: 25 Oct 2022 18:32

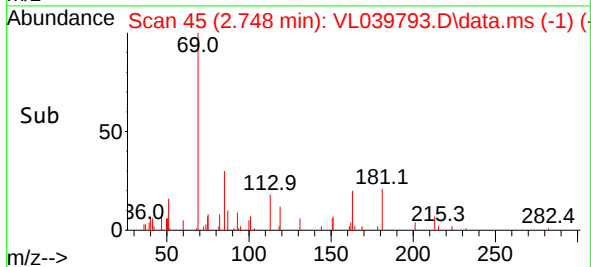
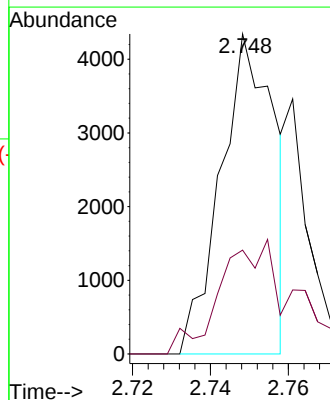
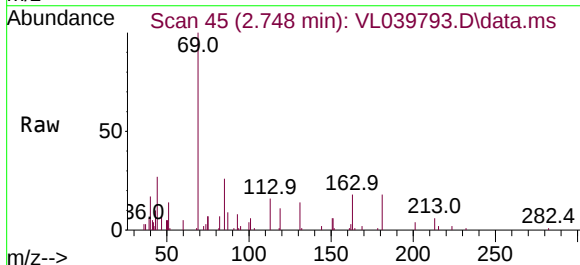
Instrument :
MSVOA_L
ClientSampleId :
LDL

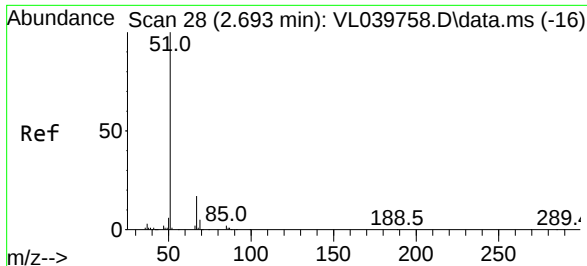
Tgt Ion: 49 Resp: 871212
Ion Ratio Lower Upper
49 100
128 50.6 24.6 74.0
130 63.5 31.8 95.3



#2
Dichlorodifluoromethane
Concen: 0.045 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.000 min
Lab File: VL039793.D
Acq: 25 Oct 2022 18:32

Tgt Ion: 85 Resp: 4131
Ion Ratio Lower Upper
85 100
87 24.5 26.1 39.1#

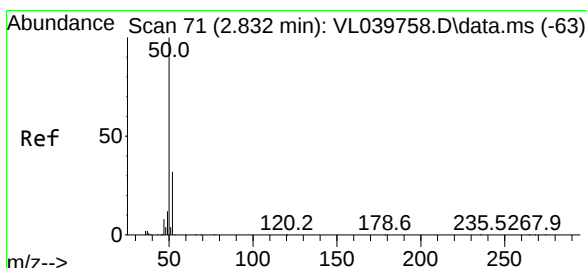
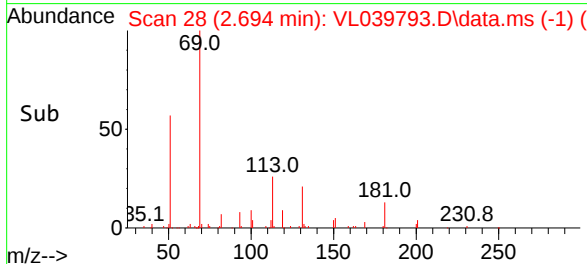
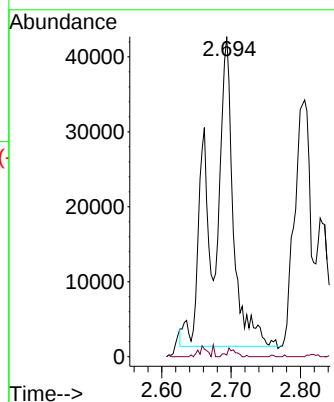
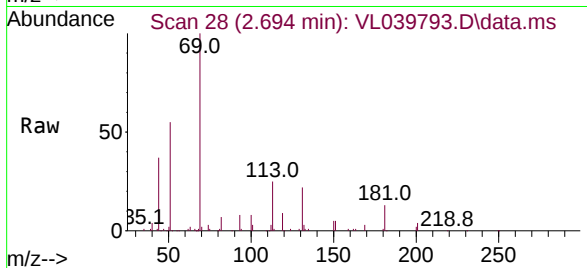




#3
Chlorodifluoromethane
Concen: 0.831 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039793.D
Acq: 25 Oct 2022 18:32

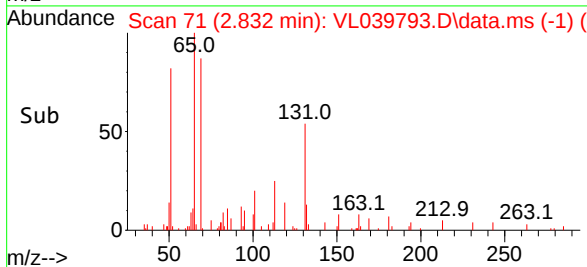
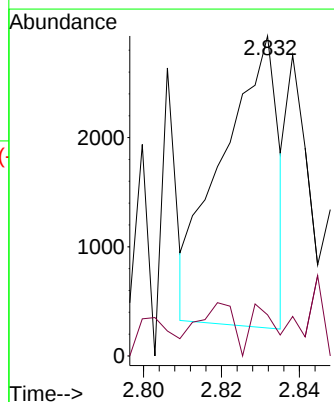
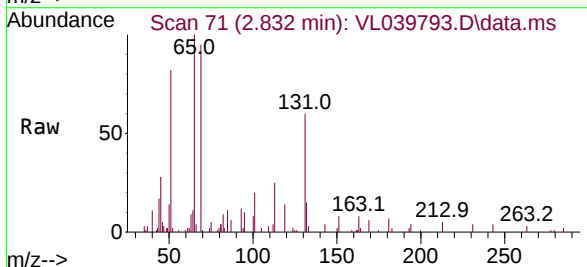
Instrument :
MSVOA_L
ClientSampleId :
LDL

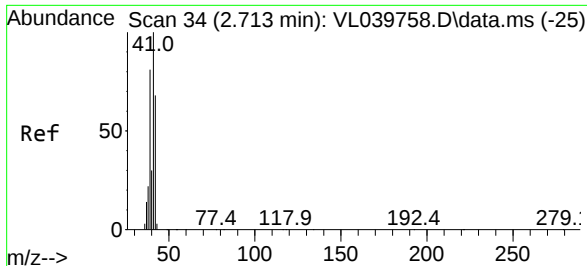
Tgt Ion: 51 Resp: 86923
Ion Ratio Lower Upper
51 100
67 1.0 14.2 21.2#



#4
Chloromethane
Concen: 0.041 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL039793.D
Acq: 25 Oct 2022 18:32

Tgt Ion: 50 Resp: 2661
Ion Ratio Lower Upper
50 100
52 11.0 25.9 38.9#

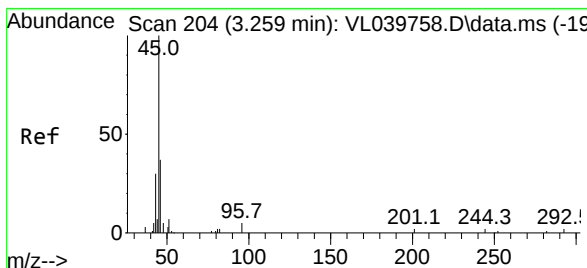
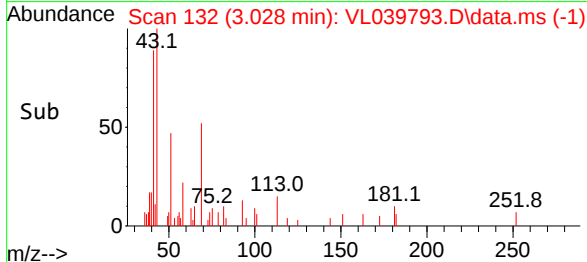
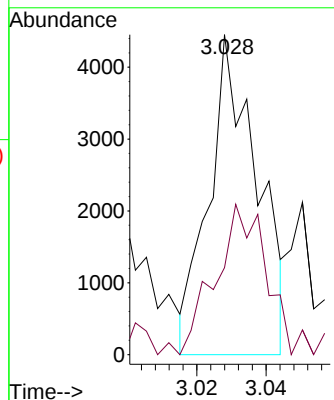
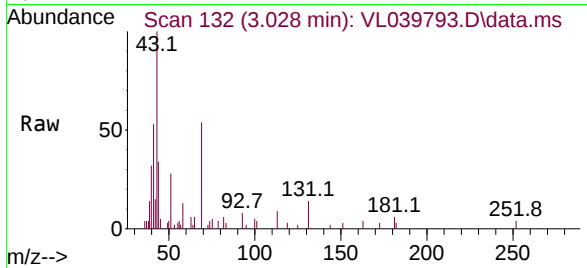




#9
 Propene
 Concen: 0.096 ppbv
 RT: 3.028 min Scan# 11
 Delta R.T. 0.315 min
 Lab File: VL039793.D
 Acq: 25 Oct 2022 18:32

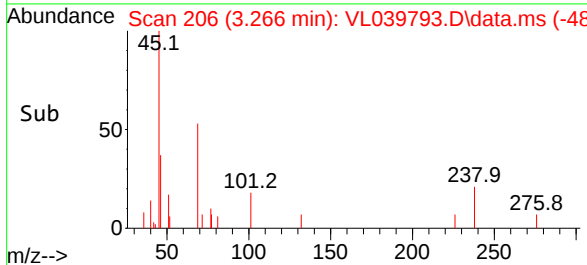
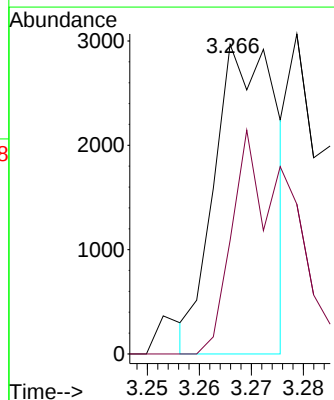
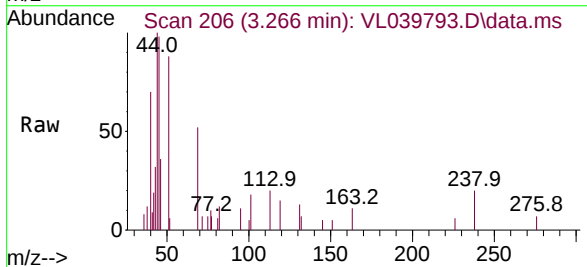
Instrument :
 MSVOA_L
 ClientSampleId :
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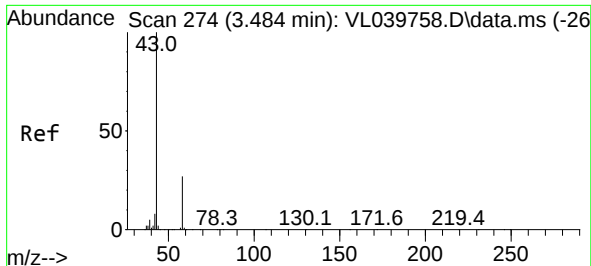
Tgt Ion: 41 Resp: 4301
 Ion Ratio Lower Upper
 41 100
 42 72.0 58.0 87.0



#13
 Ethanol
 Concen: 0.762 ppbv
 RT: 3.266 min Scan# 206
 Delta R.T. 0.007 min
 Lab File: VL039793.D
 Acq: 25 Oct 2022 18:32

Tgt Ion: 45 Resp: 2461
 Ion Ratio Lower Upper
 45 100
 46 97.1 15.3 61.3#

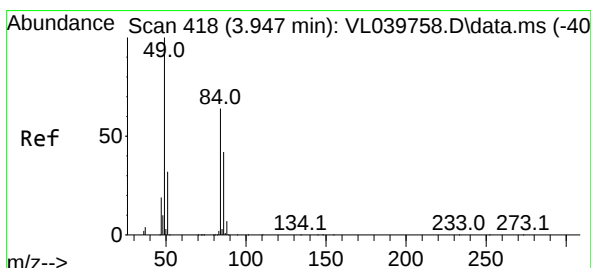
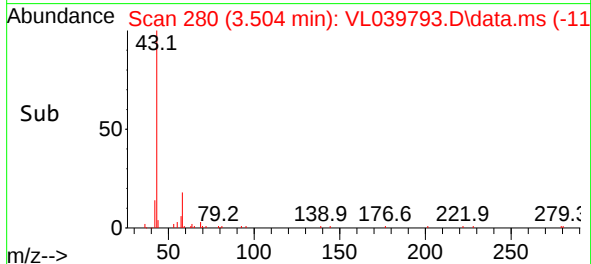
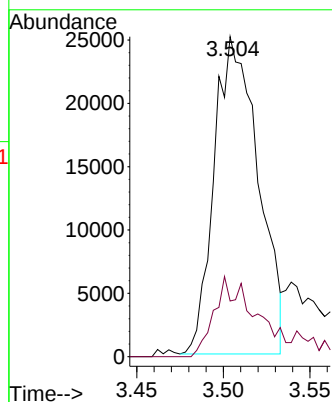
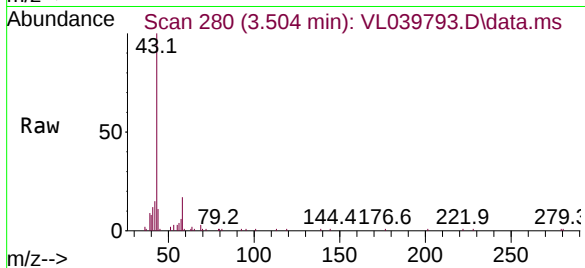




#15
Acetone
Concen: 0.427 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL039793.D
Acq: 25 Oct 2022 18:32

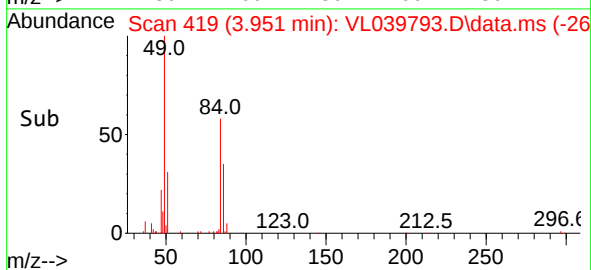
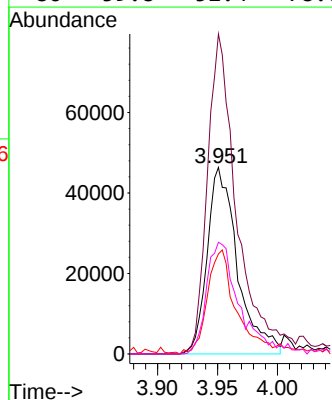
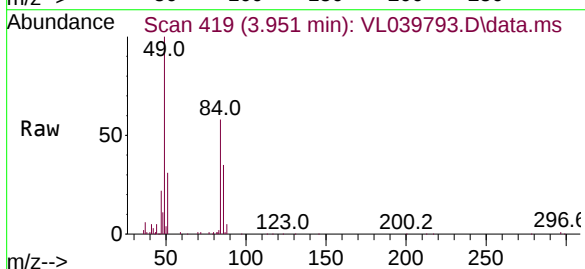
Instrument :
MSVOA_L
ClientSampleId :
LDL

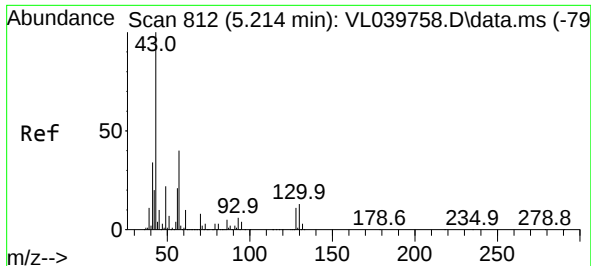
Tgt Ion: 43 Resp: 44403
Ion Ratio Lower Upper
43 100
58 29.9 20.7 31.1



#20
Methylene Chloride
Concen: 2.059 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.003 min
Lab File: VL039793.D
Acq: 25 Oct 2022 18:32

Tgt Ion: 84 Resp: 81534
Ion Ratio Lower Upper
84 100
49 171.5 126.0 189.0
51 53.6 40.9 61.3
86 59.8 52.4 78.6



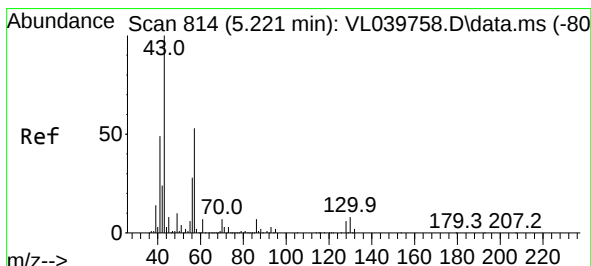
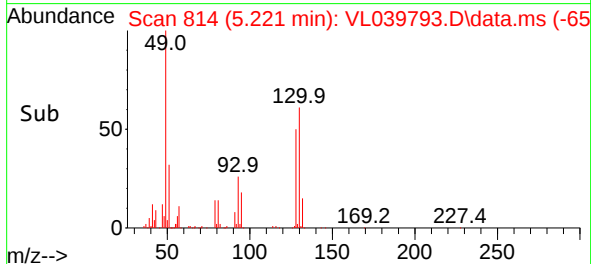
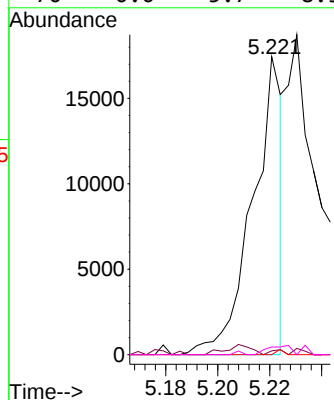
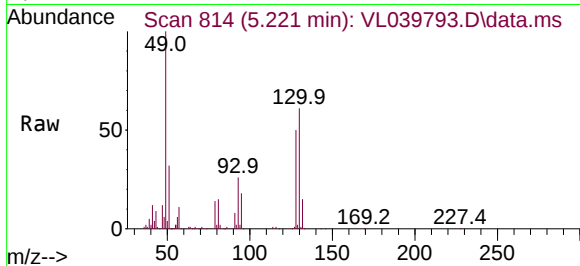


#25
Ethyl Acetate
Concen: 0.067 ppbv
RT: 5.221 min Scan# 812
Delta R.T. 0.007 min
Lab File: VL039793.D
Acq: 25 Oct 2022 18:32

Instrument :
MSVOA_L
ClientSampleId :
LDL

Tgt Ion: 43 Resp: 13617

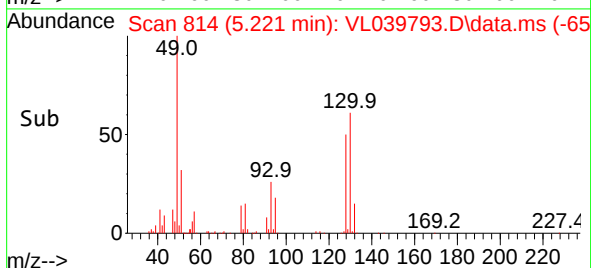
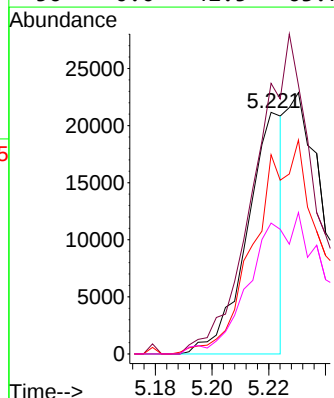
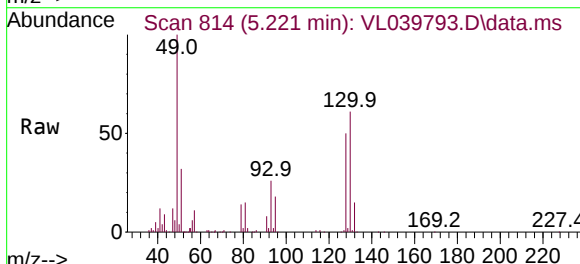
Ion	Ratio	Lower	Upper
43	100		
45	5.4	8.2	12.2#
61	0.0	8.2	12.4#
70	0.0	5.7	8.5#

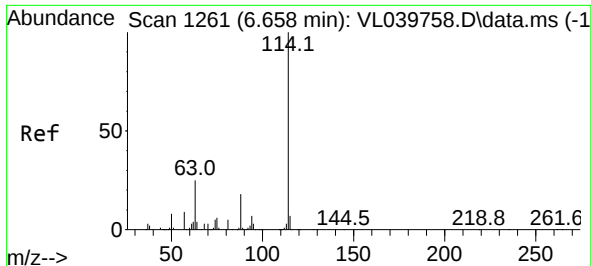


#26
Hexane
Concen: 0.218 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL039793.D
Acq: 25 Oct 2022 18:32

Tgt Ion: 57 Resp: 18482

Ion	Ratio	Lower	Upper
57	100		
41	0.0	76.1	114.1#
43	0.0	197.1	295.7#
56	0.0	42.5	63.7#

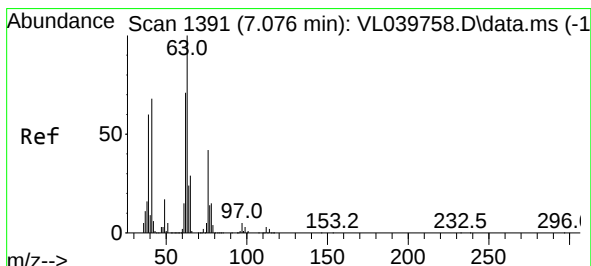
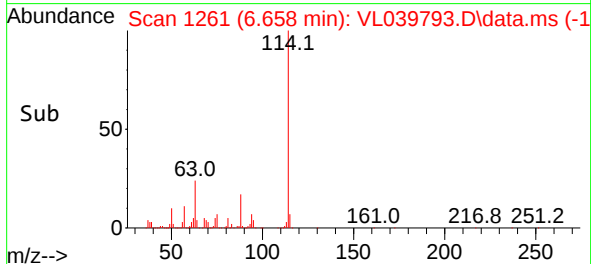
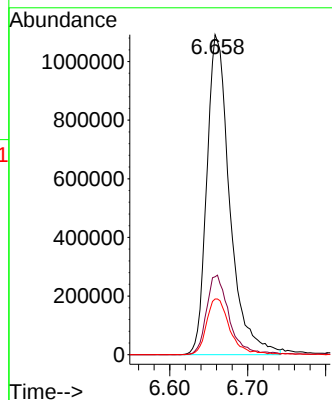
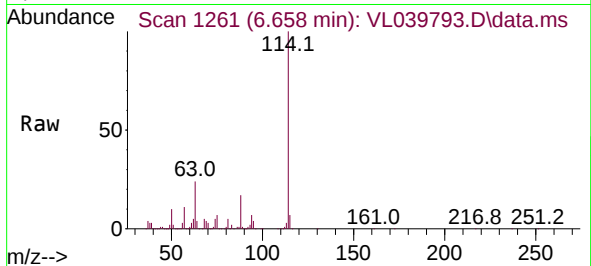




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039793.D
Acq: 25 Oct 2022 18:32

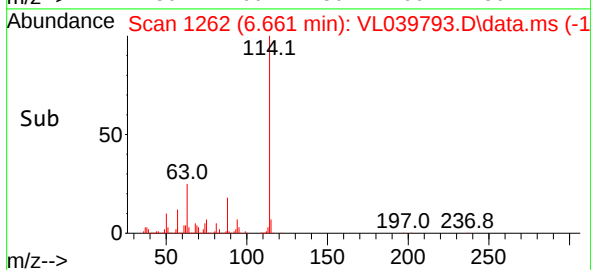
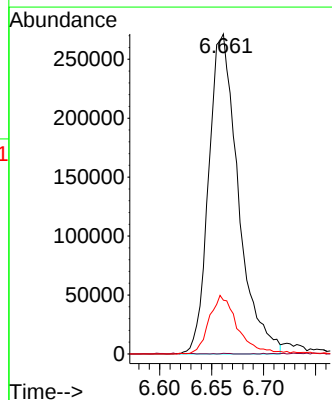
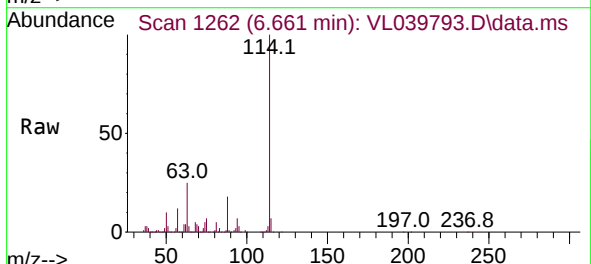
Instrument :
MSVOA_L
ClientSampleId :
LDL

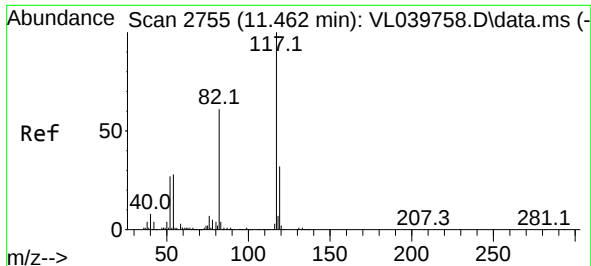
Tgt Ion:114 Resp: 2231801
Ion Ratio Lower Upper
114 100
63 25.1 20.1 30.1
88 18.0 14.5 21.7



#39
1,2-Dichloropropane
Concen: 8.115 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. -0.415 min
Lab File: VL039793.D
Acq: 25 Oct 2022 18:32

Tgt Ion: 63 Resp: 537343
Ion Ratio Lower Upper
63 100
41 0.1 54.5 81.7#
62 16.5 56.6 85.0#

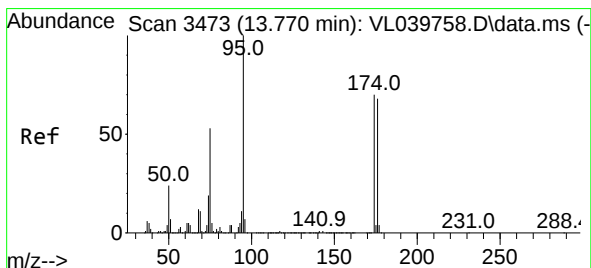
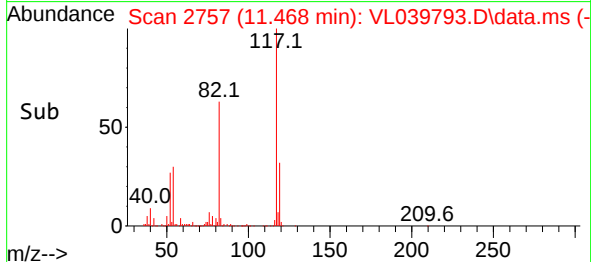
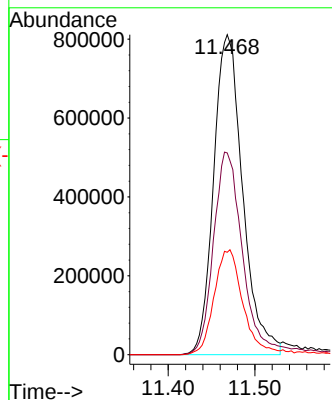
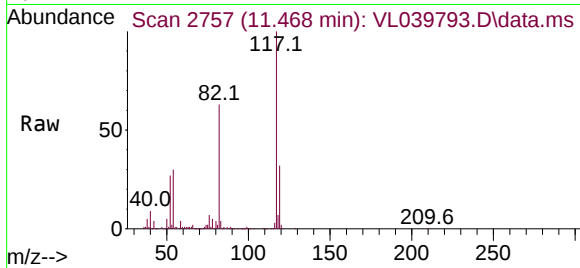




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039793.D
Acq: 25 Oct 2022 18:32

Instrument :
MSVOA_L
ClientSampleId :
LDL

Tgt Ion:117 Resp: 1894429
Ion Ratio Lower Upper
117 100
82 66.0 49.9 74.9
119 33.9 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.062 ppbv
RT: 13.774 min Scan# 3474
Delta R.T. 0.003 min
Lab File: VL039793.D
Acq: 25 Oct 2022 18:32

Tgt Ion: 95 Resp: 1356016
Ion Ratio Lower Upper
95 100
174 71.8 57.3 85.9
175 5.3 4.2 6.2

