

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082522\
 Data File : VL039583.D
 Acq On : 25 Aug 2022 18:21
 Operator : SY/AP
 Sample : N3980-15 0.45
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022

Quant Time: Aug 26 07:23:08 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.20	49	969495	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2512801	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2159636	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	1595246	9.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

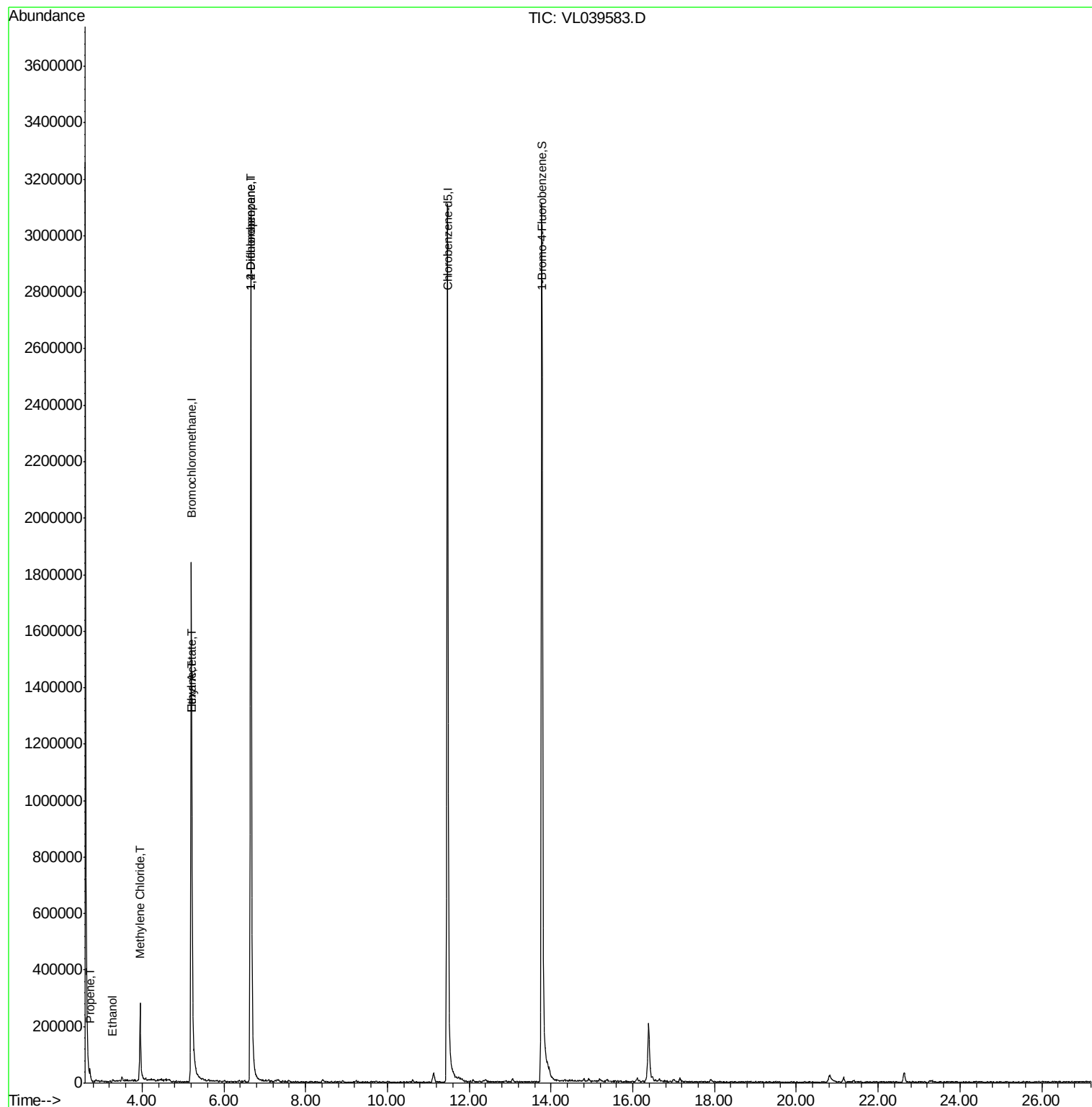
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.73	41	7483	0.142	ppbv	98
13) Ethanol	3.25	45	158	0.042	ppbv #	23
20) Methylene Chloride	3.95	84	91792	2.080	ppbv #	94
25) Ethyl Acetate	5.23	43	37313	0.161	ppbv #	76
26) Hexane	5.23	57	47371	0.499	ppbv #	37
39) 1,2-Dichloropropane	6.66	63	590506	8.200	ppbv #	26

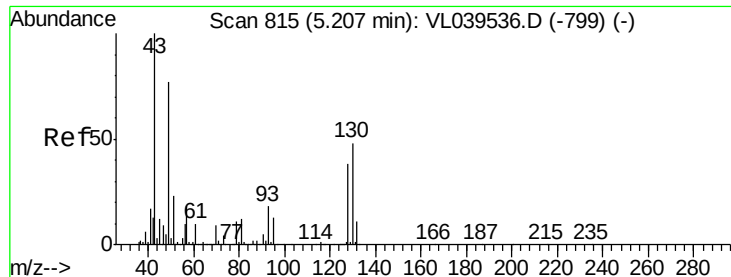
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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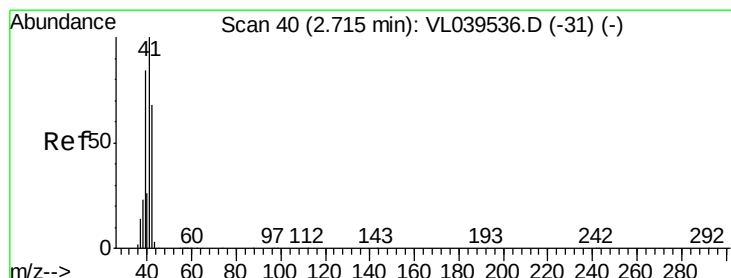
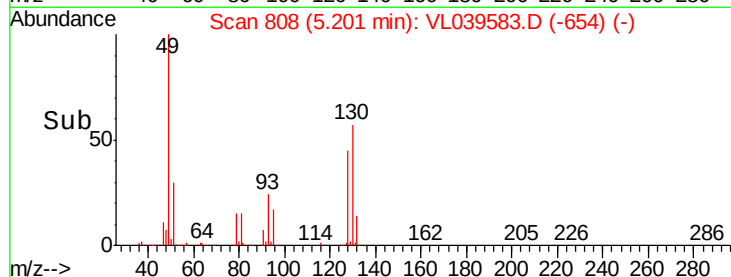
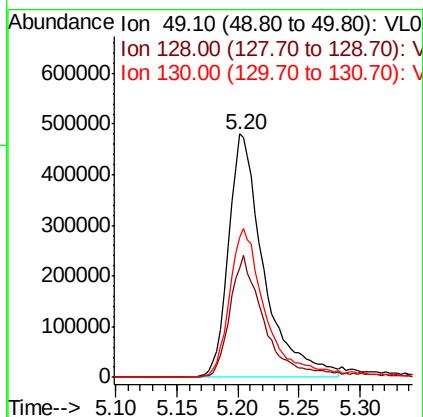
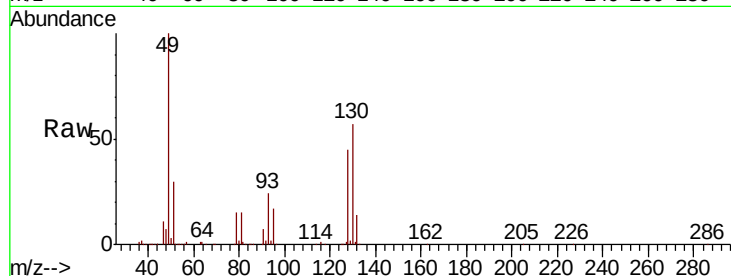
Quant Time: Aug 26 07:23:08 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
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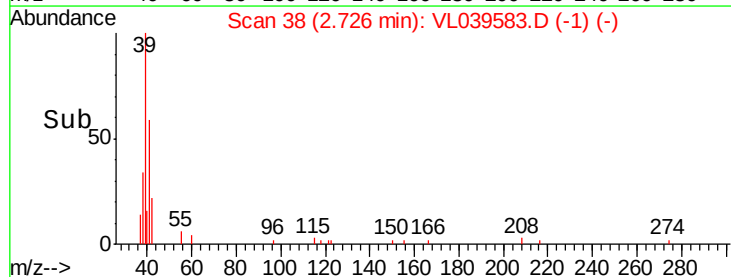
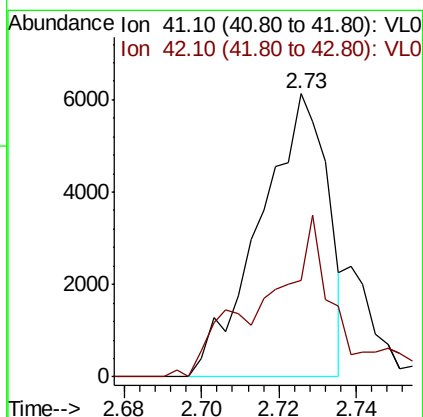
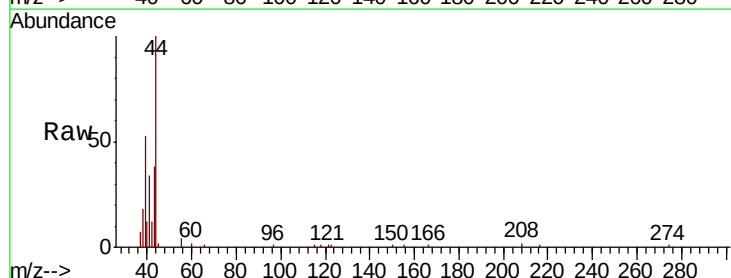
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.20
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 MDL-AIR-03-QT3-2022
 Acq: 25 Aug 2022 18:21

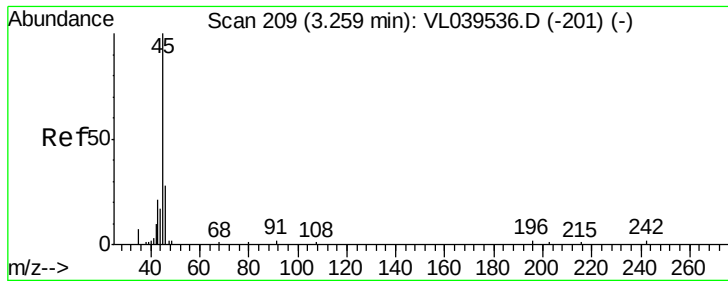
Tot Ion: 49 Resp: 969495
 Ion Ratio Lower Upper
 49 100
 128 50.1 26.7 80.0
 130 64.0 34.3 102.8



#9
 Propene
 Concen: 0.142 ppbv
 RT: 2.73 min Scan# 38
 Delta R.T. 0.01 min
 Lab File: VL039583.D
 Acq: 25 Aug 2022 18:21

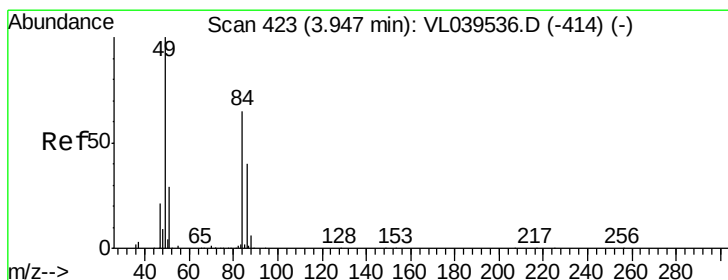
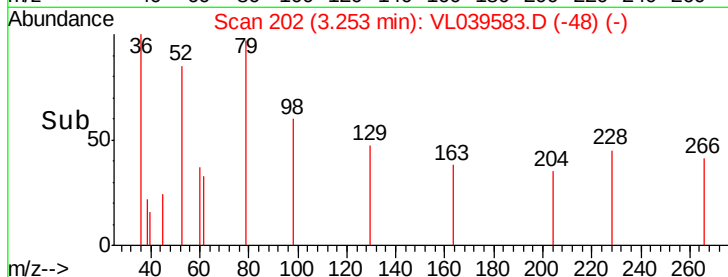
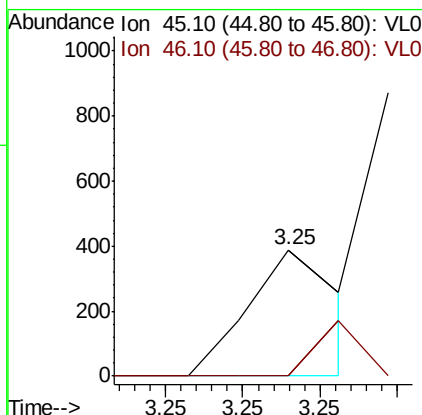
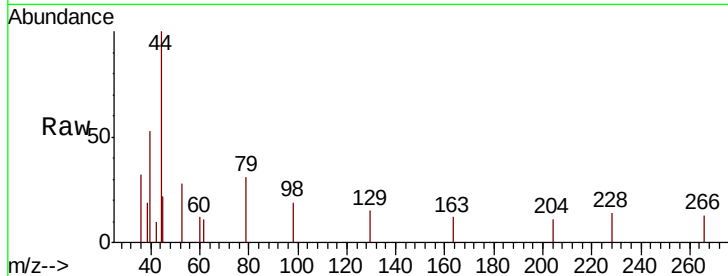
Tgt Ion: 41 Resp: 7483
 Ion Ratio Lower Upper
 41 100
 42 67.1 55.2 82.8





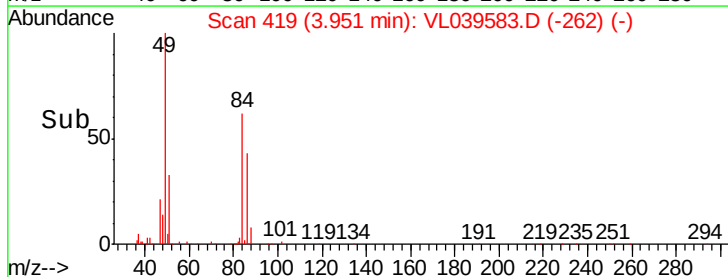
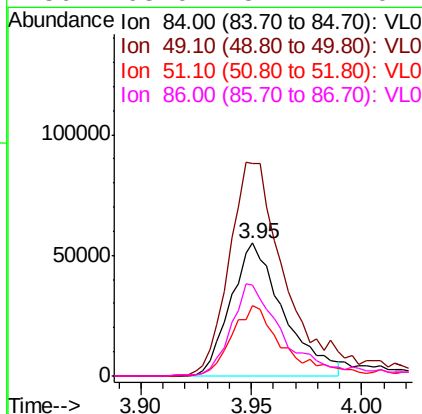
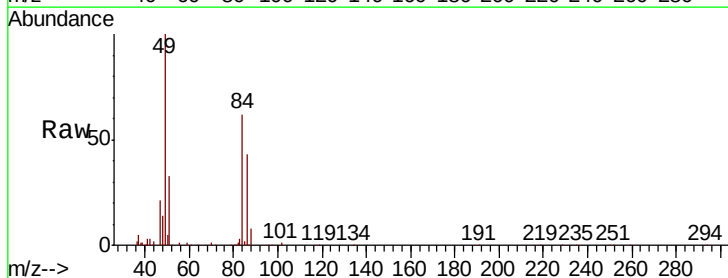
#13
Ethanol
Concen: 0.042 ppbv
RT: 3.25
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Aug 2022 18:21

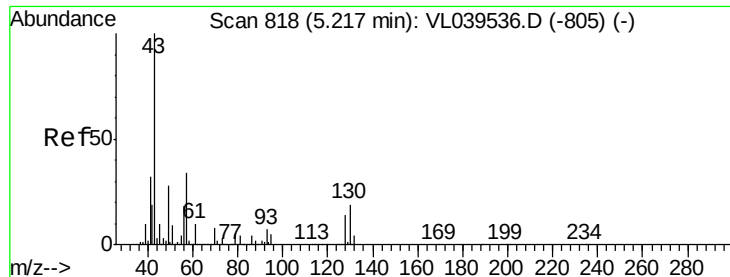
Tot Ion: 45 Resp: 158
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#



#20
Methylene Chloride
Concen: 2.080 ppbv
RT: 3.95 min Scan# 419
Delta R.T. 0.00 min
Lab File: VL039583.D
Acq: 25 Aug 2022 18:21

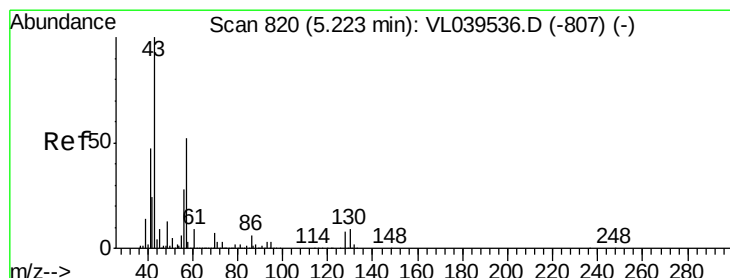
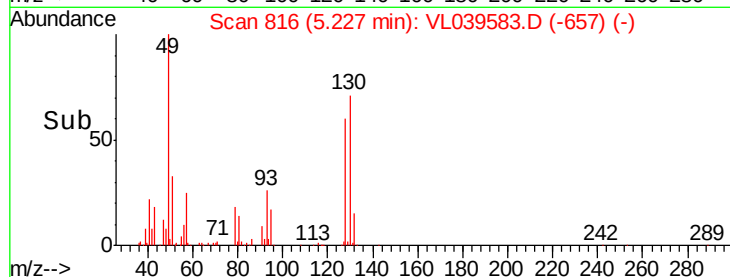
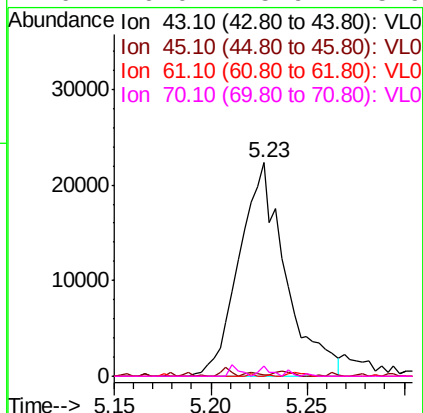
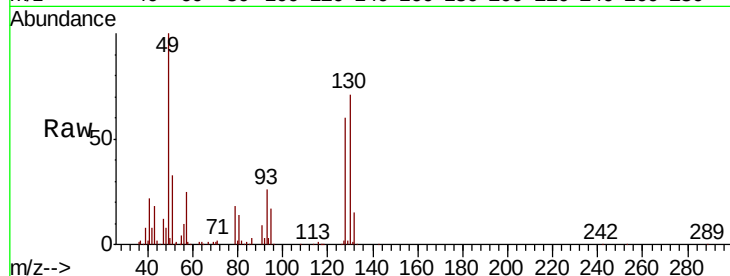
Tgt Ion: 84 Resp: 91792
Ion Ratio Lower Upper
84 100
49 159.3 123.1 184.7
51 52.3 34.4 51.6#
86 68.0 51.1 76.7





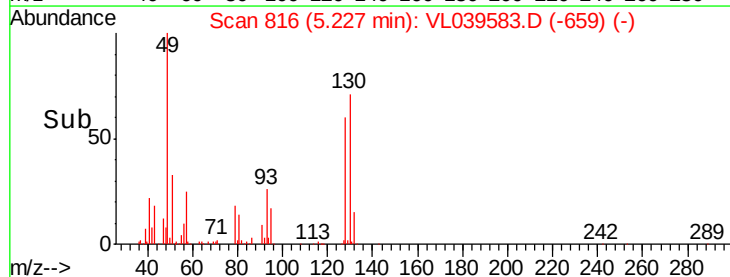
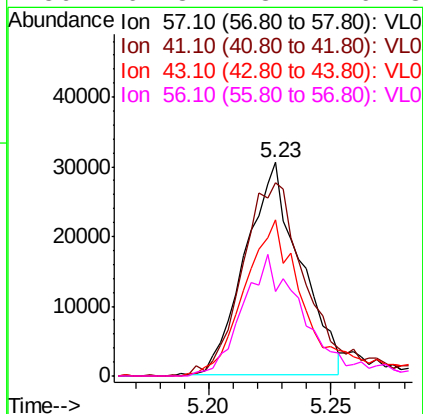
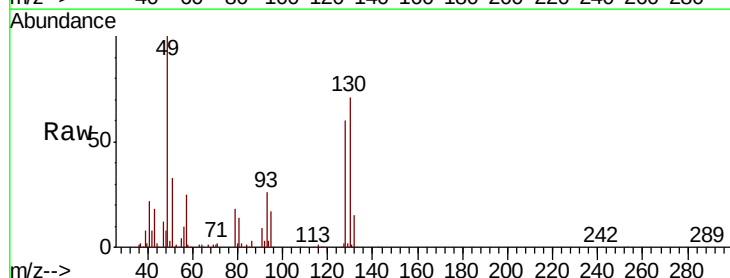
#25
Ethyl Acetate
Concen: 0.161 ppbv
RT: 5.23 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Aug 2022 18:21 MDL-AIR-03-QT3-2022

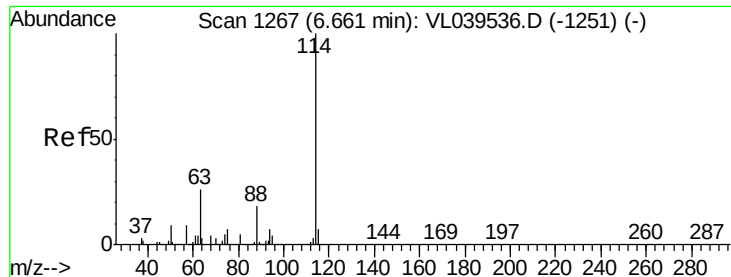
Tot Ion:	43	Resp:	37313
Ion	Ratio	Lower	Upper
43	100		
45	1.5	8.2	12.4#
61	0.7	8.3	12.5#
70	0.0	5.9	8.9#



#26
Hexane
Concen: 0.499 ppbv
RT: 5.23 min Scan# 816
Delta R.T. 0.00 min
Lab File: VL039583.D
Acq: 25 Aug 2022 18:21

Tgt Ion:	57	Resp:	47371
Ion	Ratio	Lower	Upper
57	100		
41	114.2	76.9	115.3
43	84.4	191.0	286.6#
56	64.8	43.2	64.8#

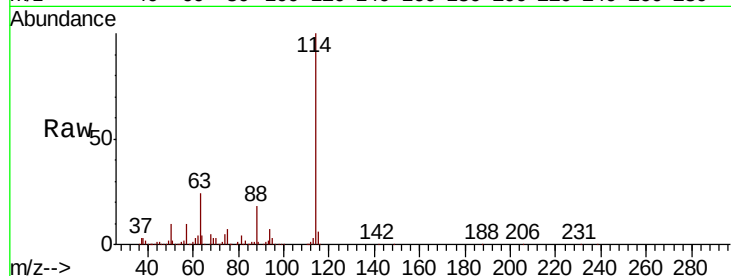




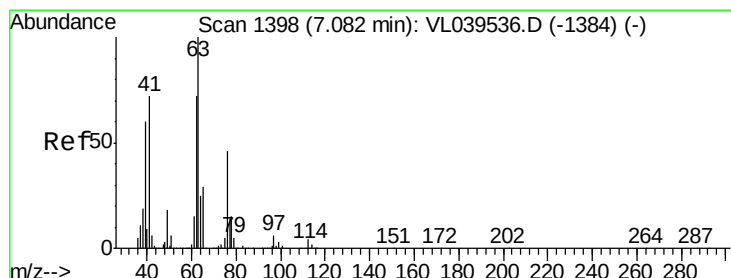
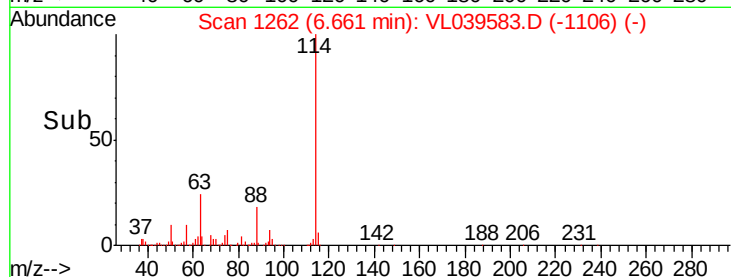
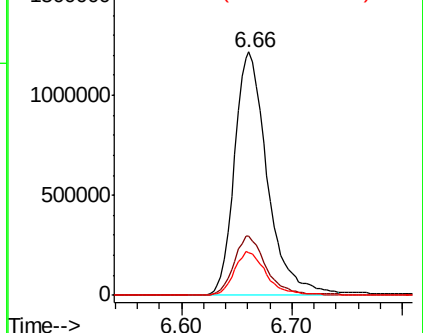
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.66 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 MDL-AIR-03-QT3-2022
 Acq: 25 Aug 2022 18:21

Tot Ion: 114 Resp: 2512801

Ion	Ratio	Lower	Upper
114	100		
63	24.3	20.2	30.4
88	18.0	14.5	21.7



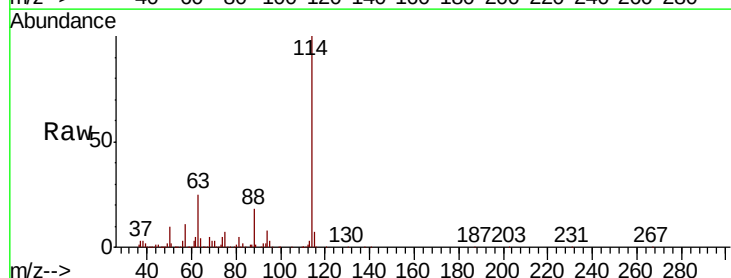
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



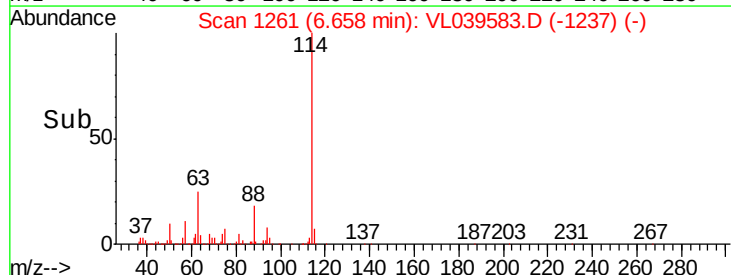
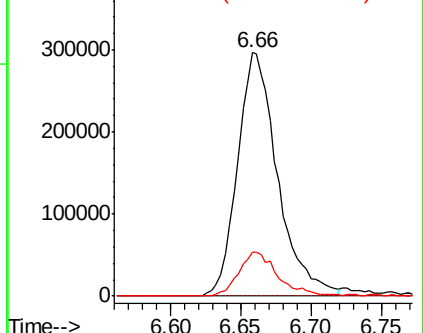
#39
 1,2-Dichloropropane
 Concen: 8.200 ppbv
 RT: 6.66 min Scan# 1261
 Delta R.T.: -0.42 min
 Lab File: VL039583.D
 Acq: 25 Aug 2022 18:21

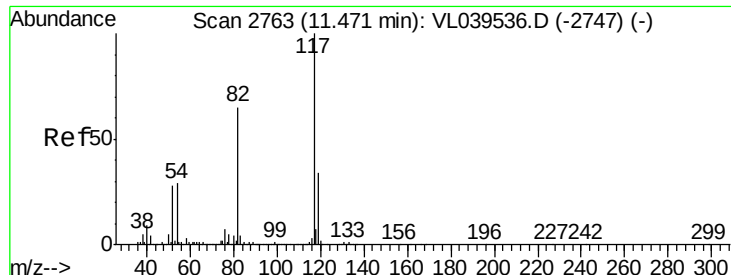
Tgt Ion: 63 Resp: 590506

Ion	Ratio	Lower	Upper
63	100		
41	0.2	59.6	89.4#
62	18.1	51.4	77.0#



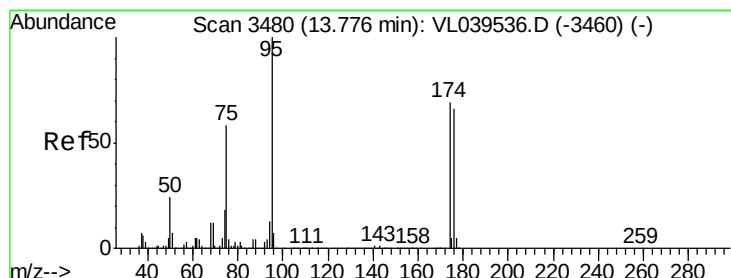
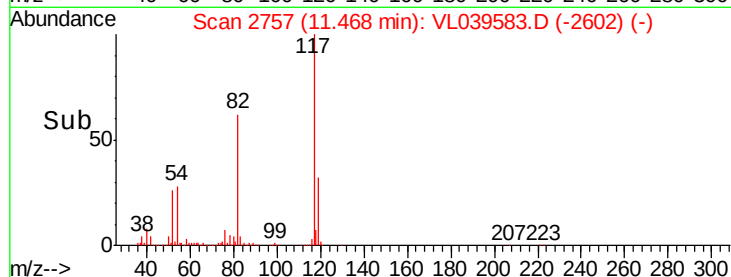
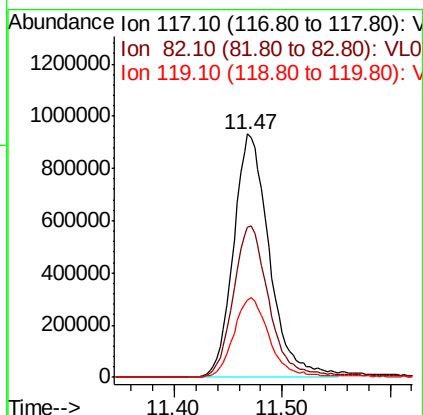
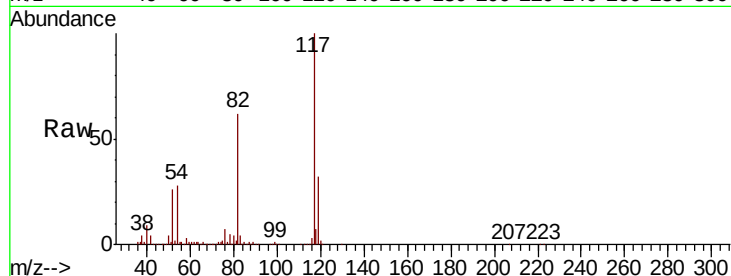
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.47 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Aug 2022 18:21

Tot Ion: 117 Resp: 2159636
Ion Ratio Lower Upper
117 100
82 63.1 50.8 76.2
119 33.4 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.791 ppbv
RT: 13.78 min Scan# 3475
Delta R.T.: 0.00 min
Lab File: VL039583.D
Acq: 25 Aug 2022 18:21

Tgt Ion: 95 Resp: 1595246
Ion Ratio Lower Upper
95 100
174 74.0 55.9 83.9
175 5.2 4.2 6.4

