

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072022\
 Data File : VL039515.D
 Acq On : 20 Jul 2022 18:00
 Operator : SY/AP
 Sample : N3750-04DL 200X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL

Quant Time: Jul 21 06:06:20 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	906426	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.19	114	2609811	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	2288066	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1720492	10.14	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

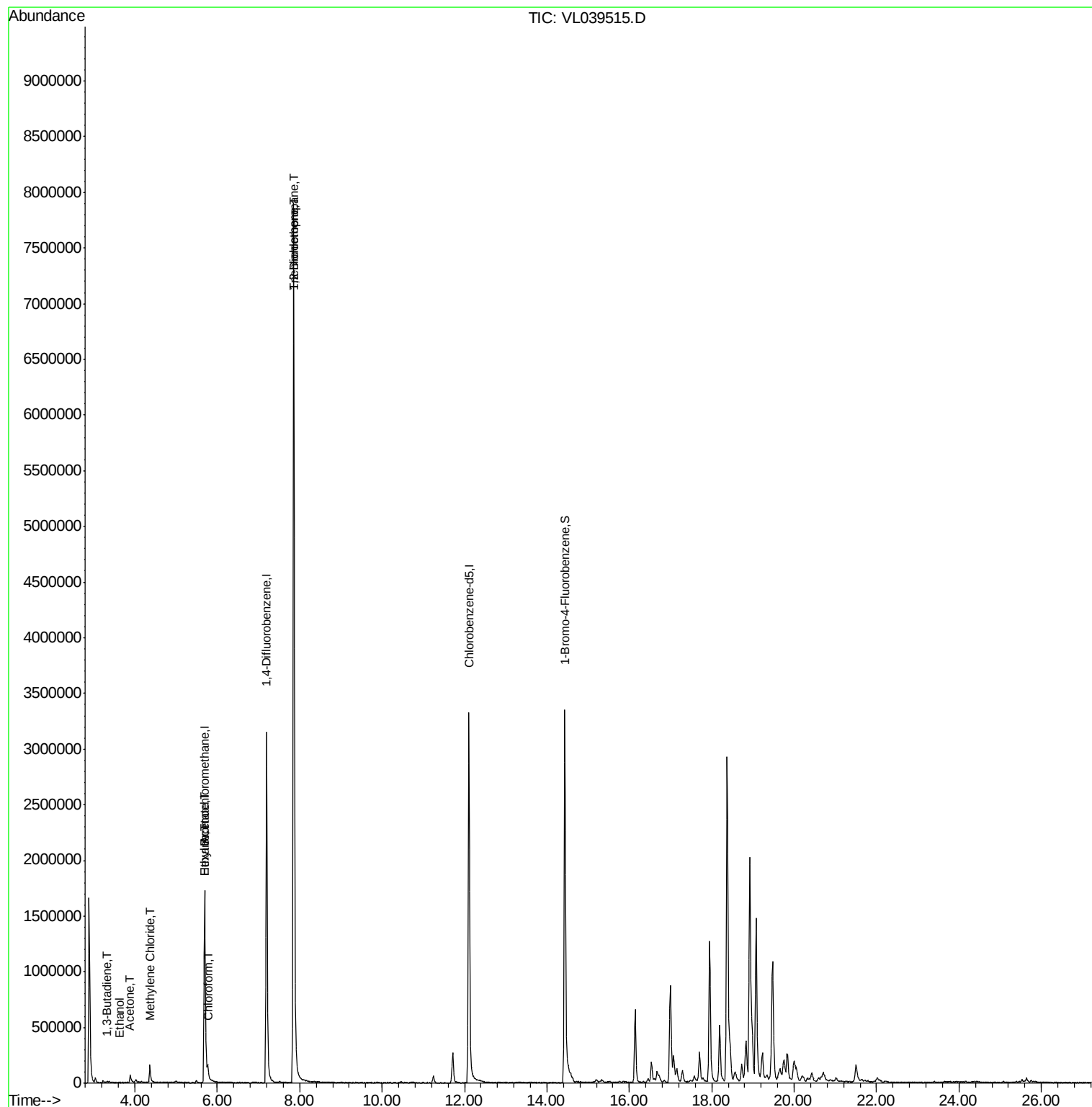
Target Compounds					Ovalue
13) Ethanol	3.63	45	1178	0.391 ppbv	76
15) Acetone	3.89	43	80280	0.749 ppbv #	89
16) 1,3-Butadiene	3.32	39	4445	0.080 ppbv #	10
20) Methylene Chloride	4.37	84	60660	1.419 ppbv	93
25) Ethyl Acetate	5.71	43	53656	0.244 ppbv #	77
26) Hexane	5.71	57	72572	0.819 ppbv #	37
29) Chloroform	5.77	83	69892	0.453 ppbv	85
38) Trichloroethene	7.85	130	2884249	26.401 ppbv	100
39) 1,2-Dichloropropane	7.85	63	7747	0.103 ppbv #	1

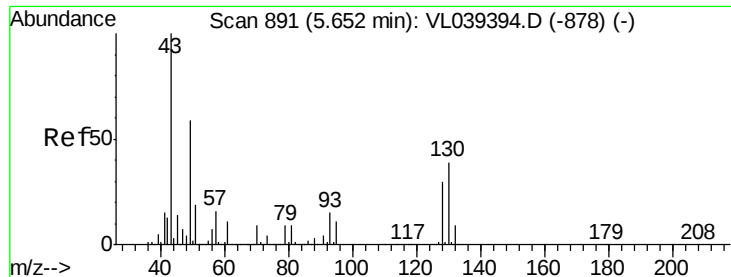
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL072022\
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Instrument :
MSVOA_L
ClientSampleId :
SV-4DL

Quant Time: Jul 21 06:06:20 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 06 02:15:38 2022
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SV-4DL

Acq: 20 Jul 2022 18:00

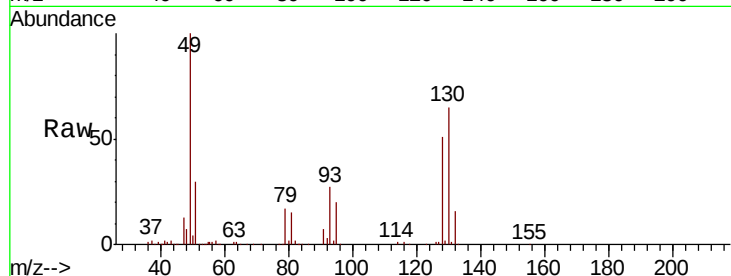
Tot Ion: 49 Resp: 906426

Ion Ratio Lower Upper

49 100

128 56.2 26.7 80.0

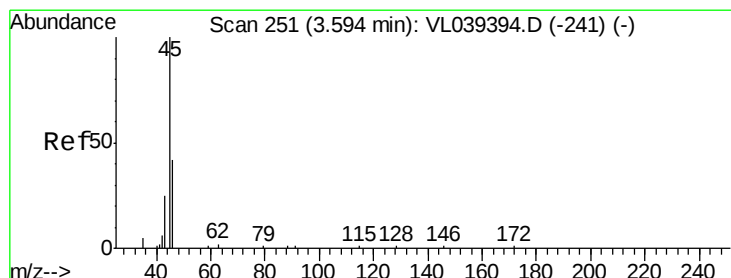
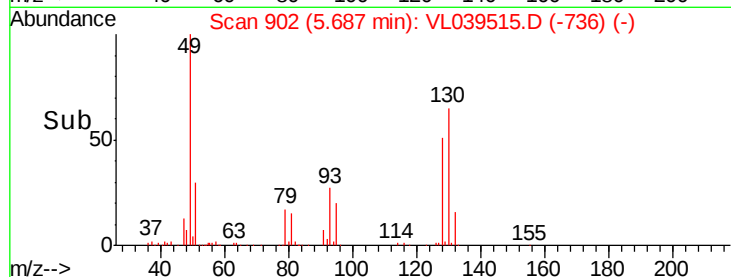
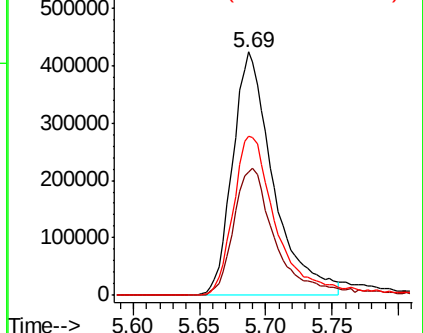
130 72.4 34.3 102.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 0.391 ppbv

RT: 3.63 min Scan# 262

Delta R.T. 0.04 min

Lab File: VL039515.D

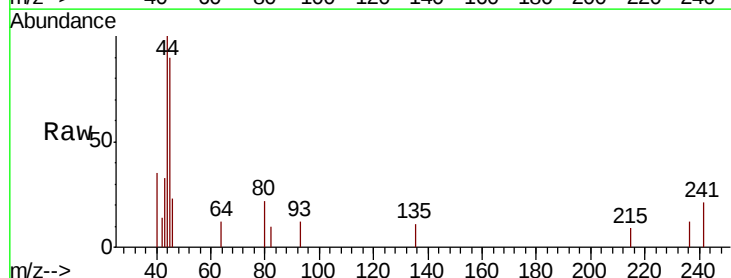
Acq: 20 Jul 2022 18:00

Tgt Ion: 45 Resp: 1178

Ion Ratio Lower Upper

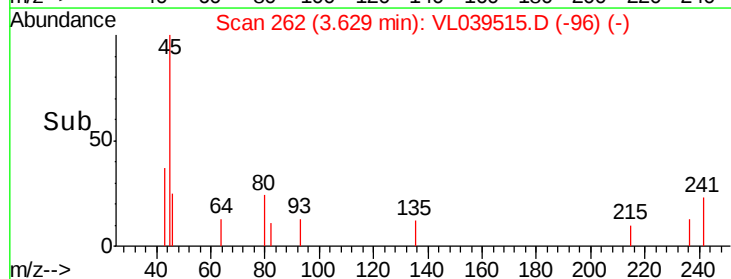
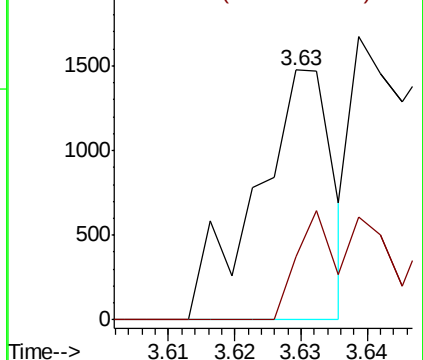
45 100

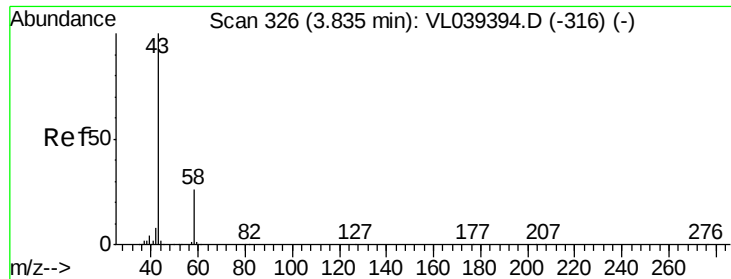
46 74.4 22.8 91.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

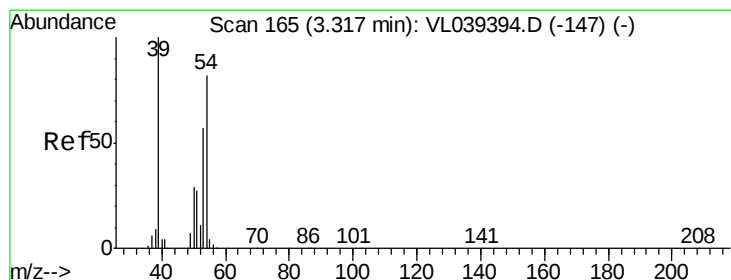
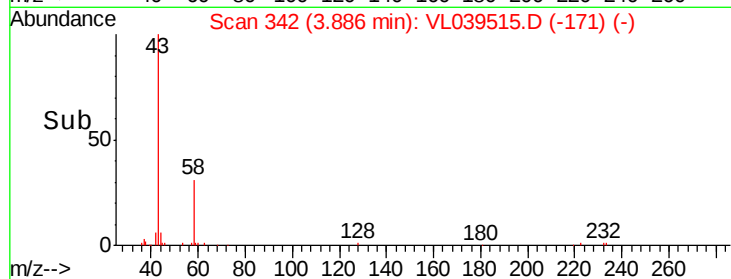
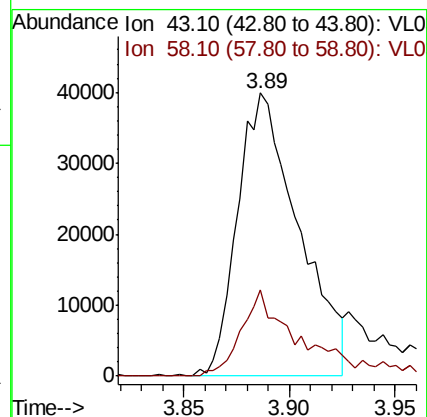
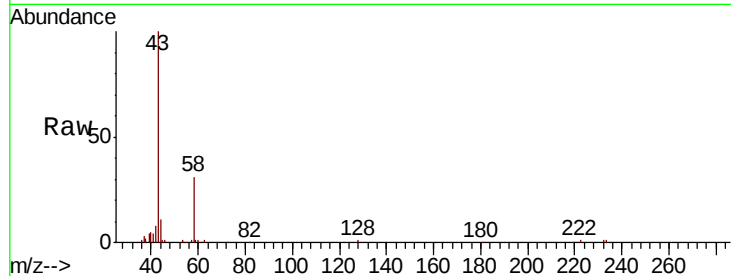
Ion 46.10 (45.80 to 46.80): VL0





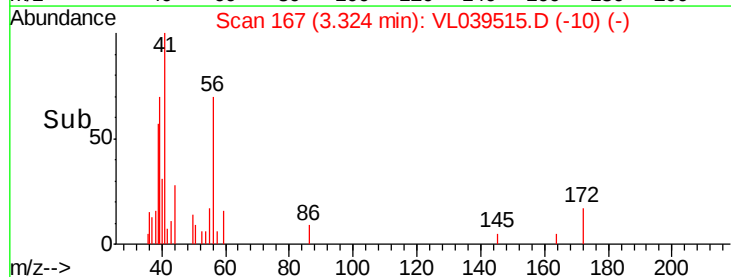
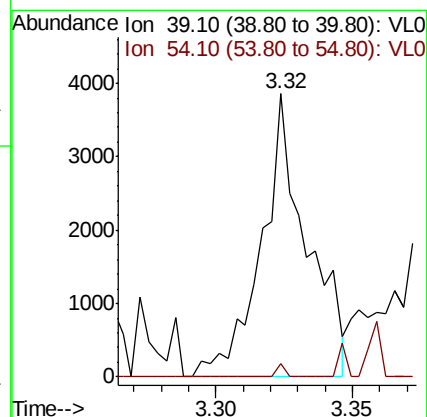
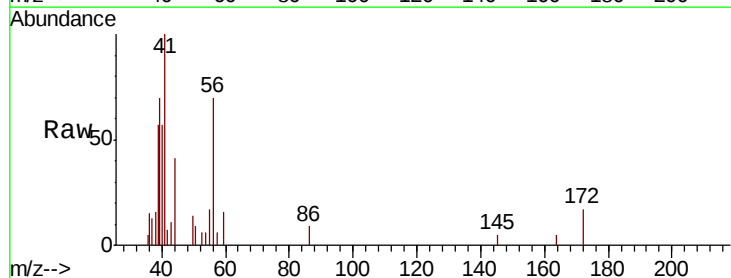
#15
Acetone
Concen: 0.749 ppbv
RT: 3.89
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Jul 2022 18:00

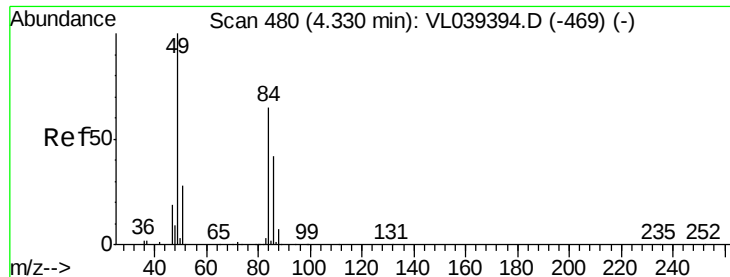
Tot Ion: 43 Resp: 80280
Ion Ratio Lower Upper
43 100
58 32.0 21.0 31.6#



#16
1,3-Butadiene
Concen: 0.080 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.01 min
Lab File: VL039515.D
Acq: 20 Jul 2022 18:00

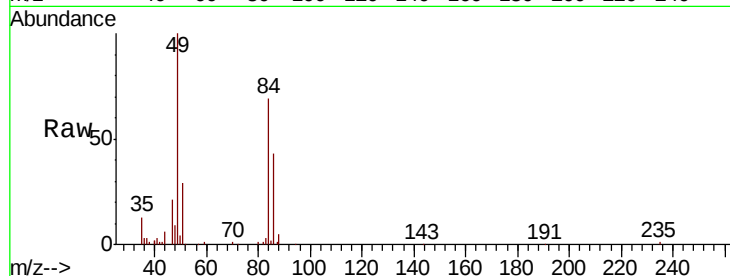
Tgt Ion: 39 Resp: 4445
Ion Ratio Lower Upper
39 100
54 0.0 63.7 95.5#



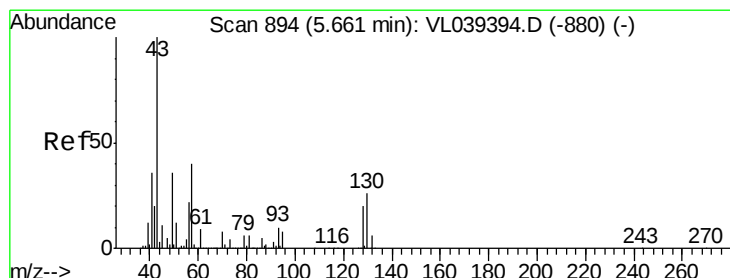
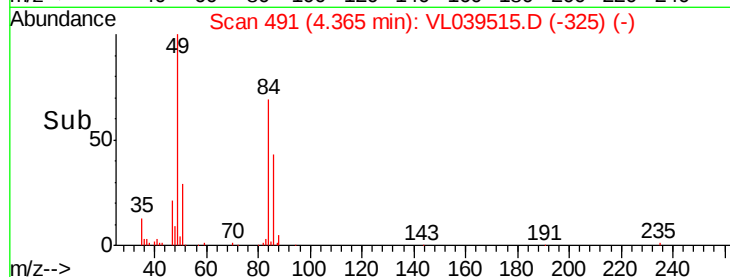
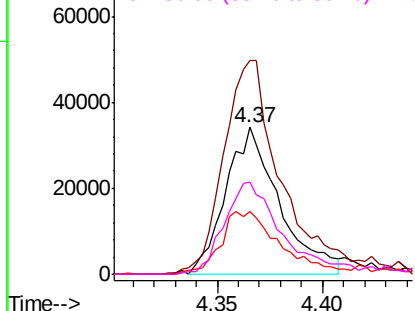


#20
Methvlene Chloride
Concen: 1.419 ppbv
RT: 4.37
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Jul 2022 18:00

Tot Ion:	84	Resp:	60660
Ion	Ratio	Lower	Upper
84	100		
49	141.4	123.1	184.7
51	40.7	34.4	51.6
86	60.3	51.1	76.7

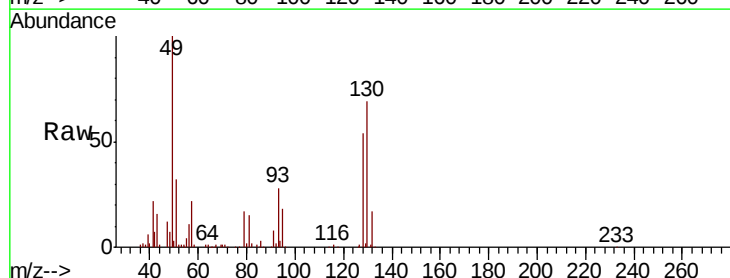


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

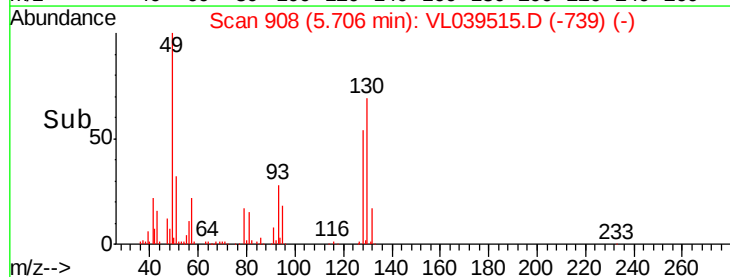
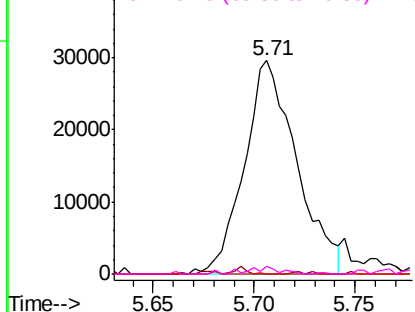


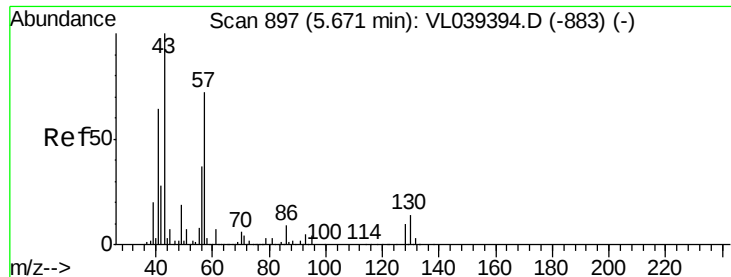
#25
Ethyl Acetate
Concen: 0.244 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.04 min
Lab File: VL039515.D
Acq: 20 Jul 2022 18:00

Tgt Ion:	43	Resp:	53656
Ion	Ratio	Lower	Upper
43	100		
45	1.1	8.2	12.4#
61	0.0	8.3	12.5#
70	2.4	5.9	8.9#



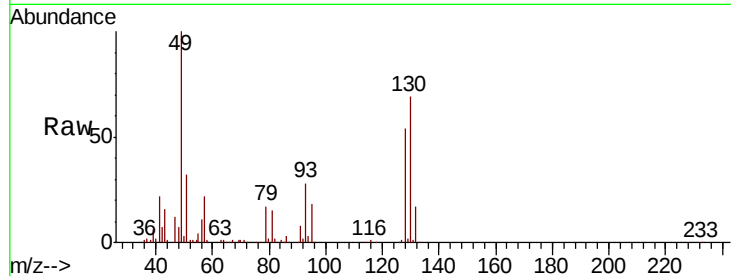
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0



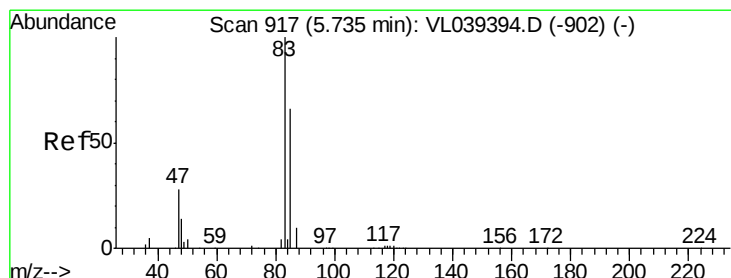
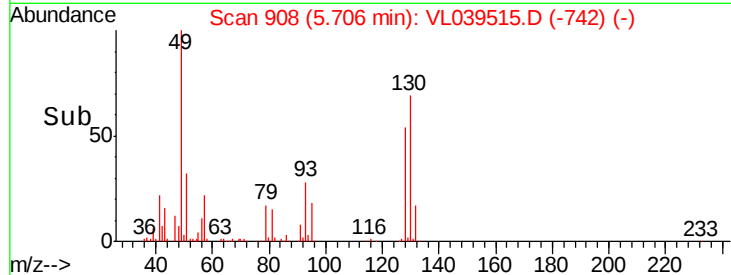
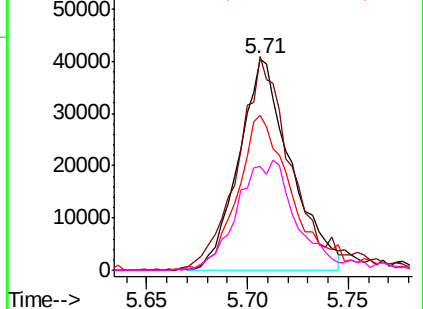


#26
Hexane
Concen: 0.819 ppbv
RT: 5.71
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Jul 2022 18:00

Tot Ion: 57 Resp: 72572
Ion Ratio Lower Upper
57 100
41 111.7 76.9 115.3
43 80.6 191.0 286.6#
56 61.4 43.2 64.8

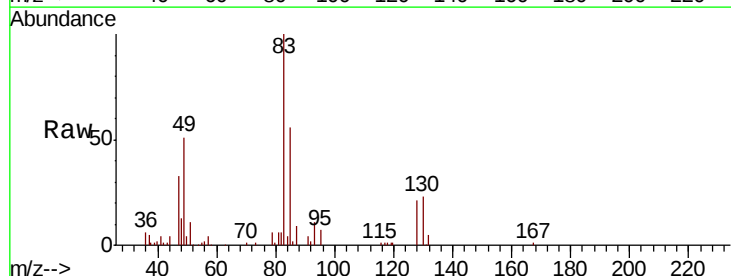


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

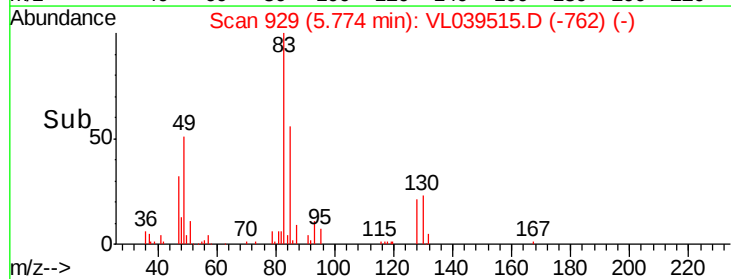
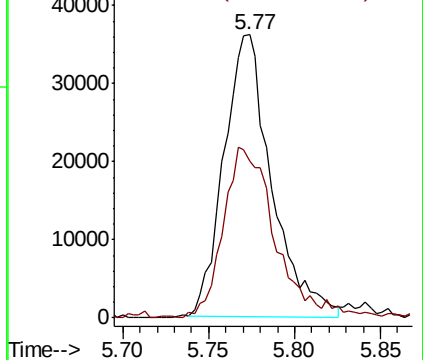


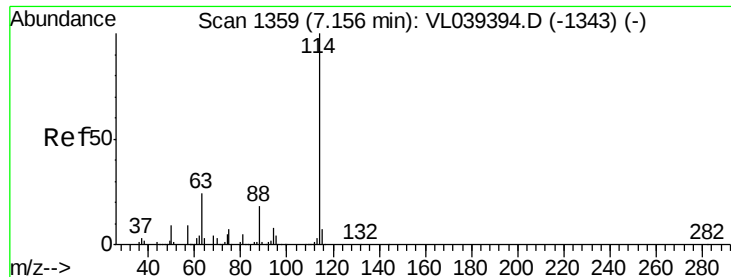
#29
Chloroform
Concen: 0.453 ppbv
RT: 5.77 min Scan# 929
Delta R.T. 0.04 min
Lab File: VL039515.D
Acq: 20 Jul 2022 18:00

Tgt Ion: 83 Resp: 69892
Ion Ratio Lower Upper
83 100
85 53.9 52.8 79.2



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0

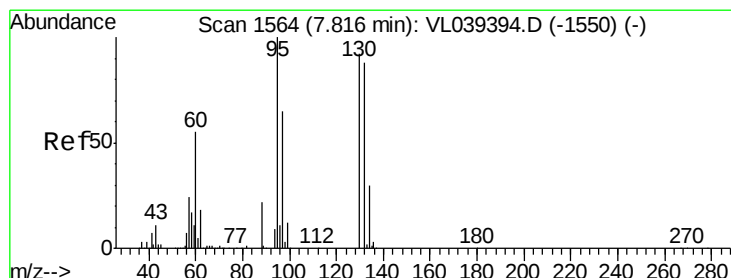
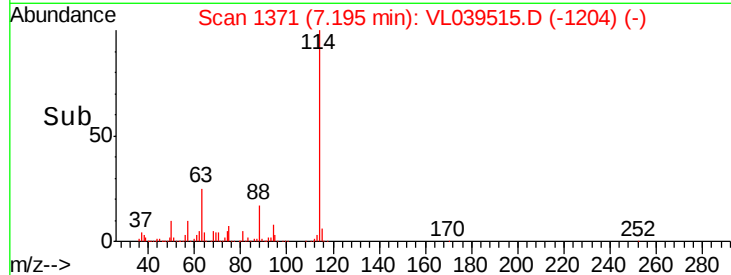
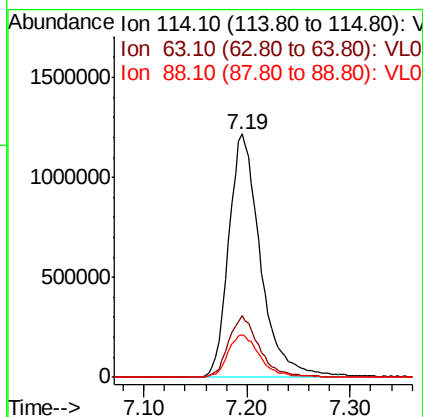
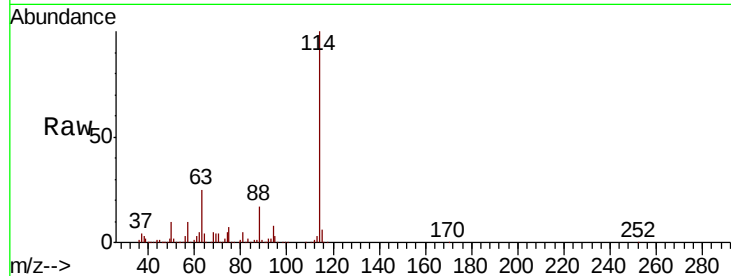




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min
 Delta R.T.: 0.04 min
 Lab File: VL039515.D
 Acq: 20 Jul 2022 18:00

Tot Ion:114 Resp: 2609811

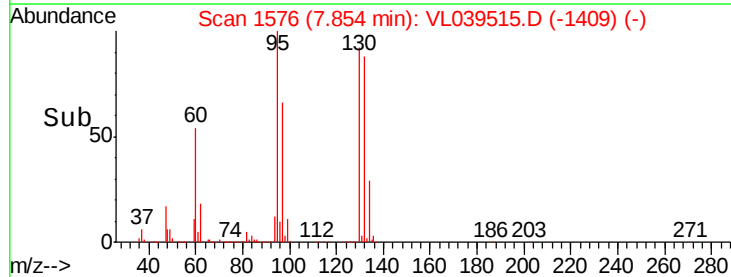
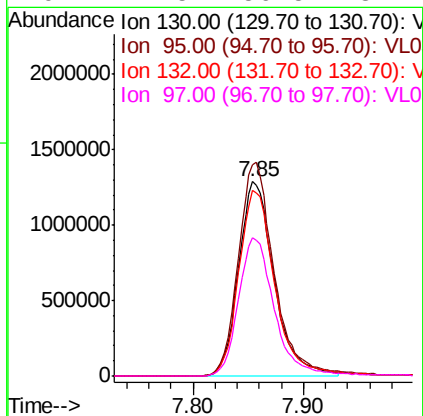
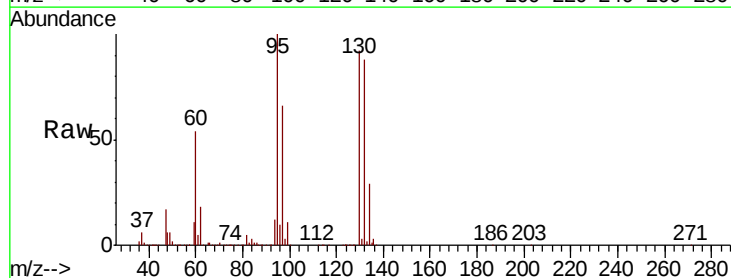
Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.2	30.4
88	18.0	14.5	21.7

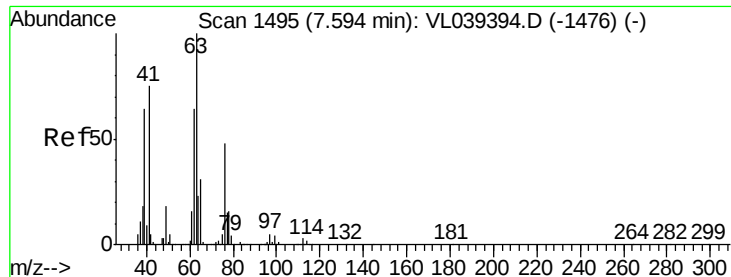


#38
 Trichloroethene
 Concen: 26.401 ppbv
 RT: 7.85 min Scan# 1576
 Delta R.T.: 0.04 min
 Lab File: VL039515.D
 Acq: 20 Jul 2022 18:00

Tgt Ion:130 Resp: 2884249

Ion	Ratio	Lower	Upper
130	100		
95	108.8	87.3	130.9
132	95.9	76.7	115.1
97	71.5	56.5	84.7





#39

1,2-Dichloropropane

Concen: 0.103 ppbv

RT: 7.85 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Jul 2022 18:00

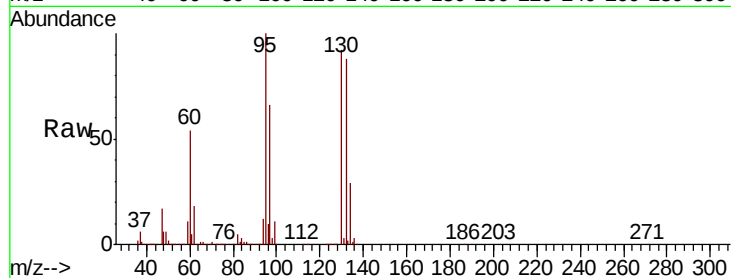
Tot Ion: 63 Resp: 7747

Ion Ratio Lower Upper

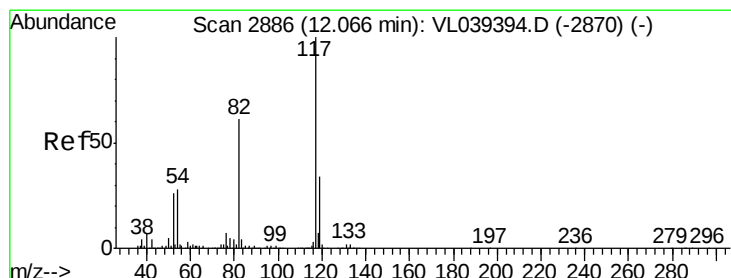
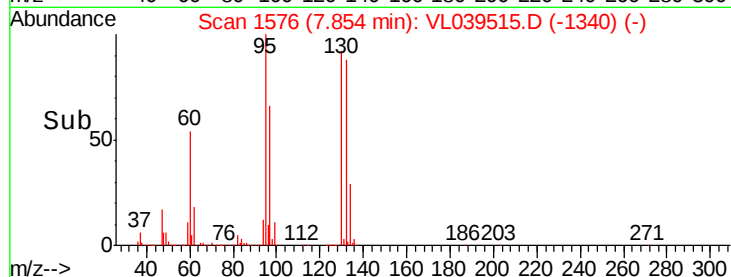
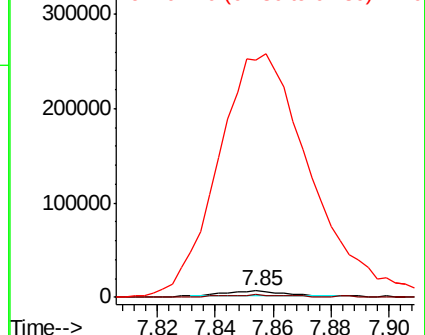
63 100

41 52.5 59.6 89.4#

62 3761.1 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: 12.10 min Scan# 2898

Delta R.T. 0.04 min

Lab File: VL039515.D

Acq: 20 Jul 2022 18:00

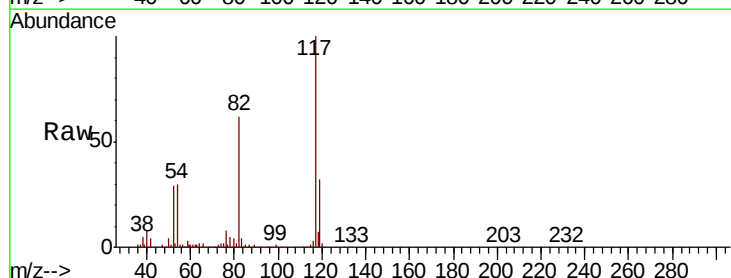
Tgt Ion: 117 Resp: 2288066

Ion Ratio Lower Upper

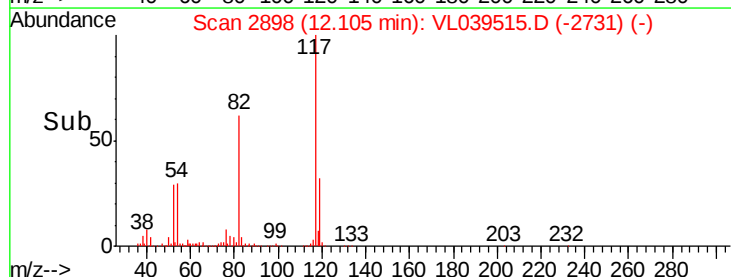
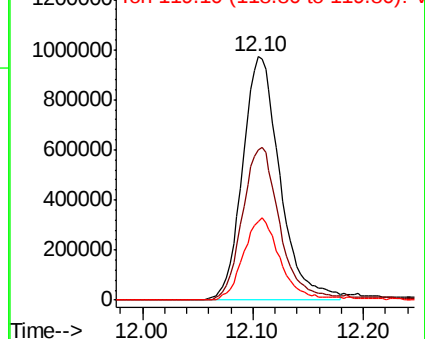
117 100

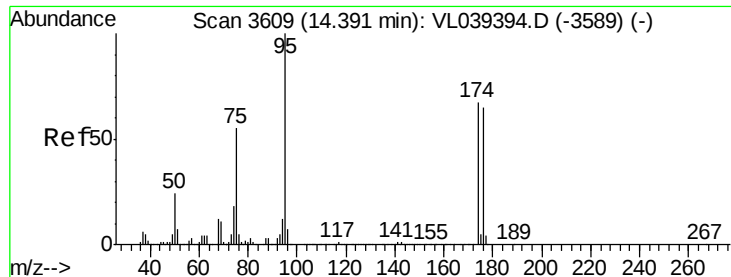
82 64.4 50.8 76.2

119 34.1 24.1 36.1



Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.136 ppbv
 RT: 14.43
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 SV-4DL
 Acq: 20 Jul 2022 18:00

Tot Ion:	95	Resp:	1720492
Ion	Ratio	Lower	Upper
95	100		
174	71.9	55.9	83.9
175	5.1	4.2	6.4

