Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
Data File : VL039264.D
Acq On : 13 Jun 2022 23:17
Operator : SY/AP
Sample : N3306-01DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-1DL

Quant Time: Jun 14 01:33:41 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1292870	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2942885	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2464786	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2113024	10.37	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	12219	0.054	ppbv	#	86
3) Chlorodifluoromethane	2.98	51	47555	0.289	ppbv	#	71
4) Chloromethane	3.15	50	5706	0.068	ppbv	#	82
9) Propene	3.21	41	95076	1.325	ppbv		93
13) Ethanol	3.60	45	213972	54.699	ppbv	#	100
15) Acetone	3.85	43	1921017	14.264	ppbv		90
16) 1,3-Butadiene	3.31	39	3459	0.048	ppbv	#	69
19) Isopropyl Alcohol	3.97	45	1018439	16.123	ppbv	#	97
20) Methylene Chloride	4.35	84	110885	1.954	ppbv		90
21) Allyl Chloride	4.21	41	7288	0.080	ppbv	#	21
23) Vinyl Acetate	5.08	43	11313	0.102	ppbv	#	58
25) Ethyl Acetate	5.69	43	59097	0.195	ppbv	#	88
26) Hexane	5.69	57	30351	0.228	ppbv	#	43
34) 2-Butanone	5.25	43	19777	0.124	ppbv	#	53
36) Benzene	6.90	78	10021	0.042	ppbv	#	69
39) 1,2-Dichloropropane	7.18	63	863132	9.082	ppbv	#	23
52) Tetrachloroethene	11.22	164	7007	0.075	ppbv	#	24
53) Toluene	9.81	91	28267	0.103	ppbv	#	9
60) o-Xylene	13.69	91	10932	0.039	ppbv		81
61) Styrene	13.53	104	10460	0.070	ppbv	#	25
66) Benzyl Chloride	16.57	91	9262	0.187	ppbv	#	69
69) p-Isopropyltoluene	17.65	119	13644	0.031	ppbv	#	47
71) 2-Chlorotoluene	15.32	91	841055	2.641	ppbv	#	44

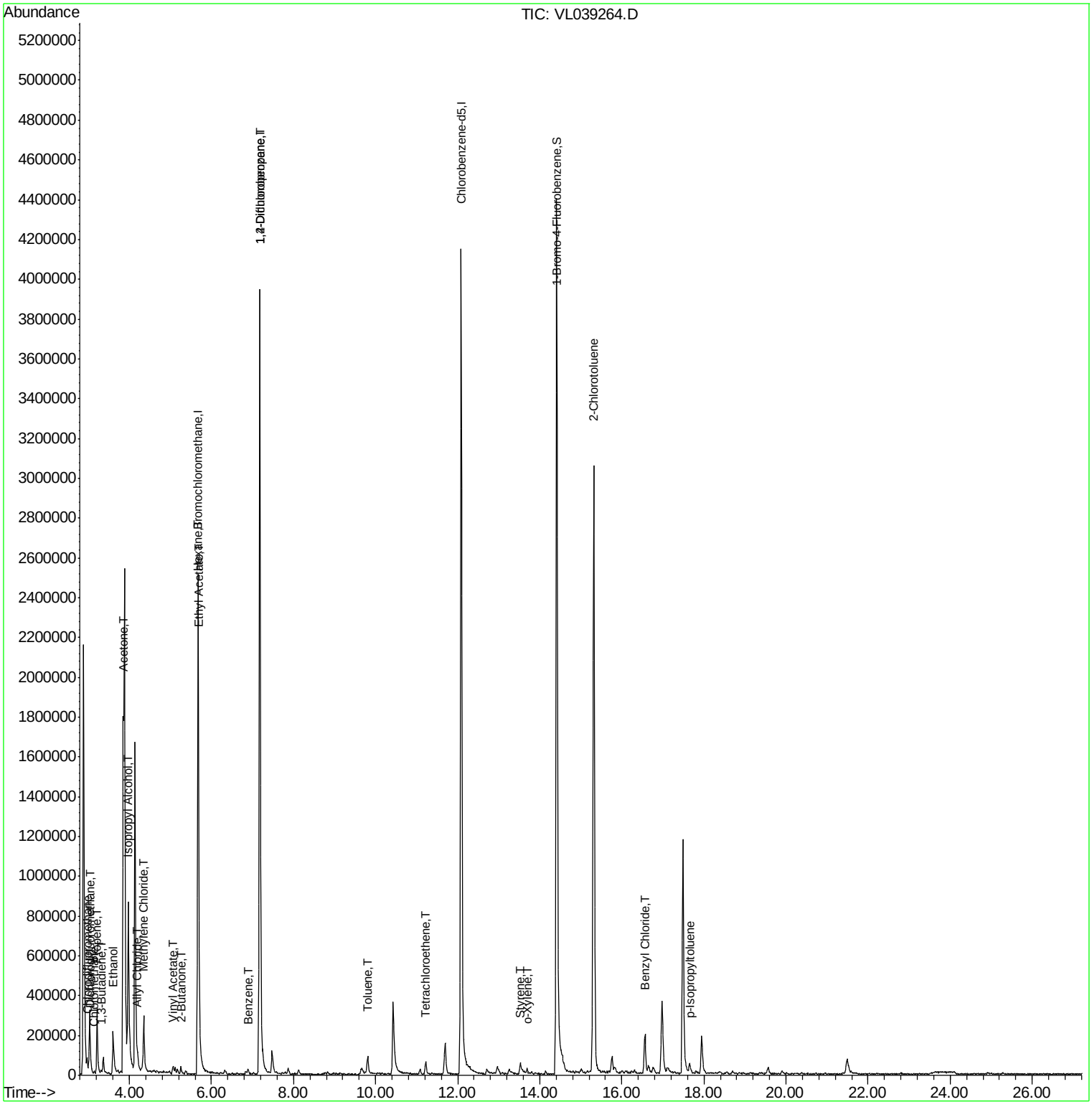
(#) = qualifier out of range (m) = manual integration (+) = signals summed

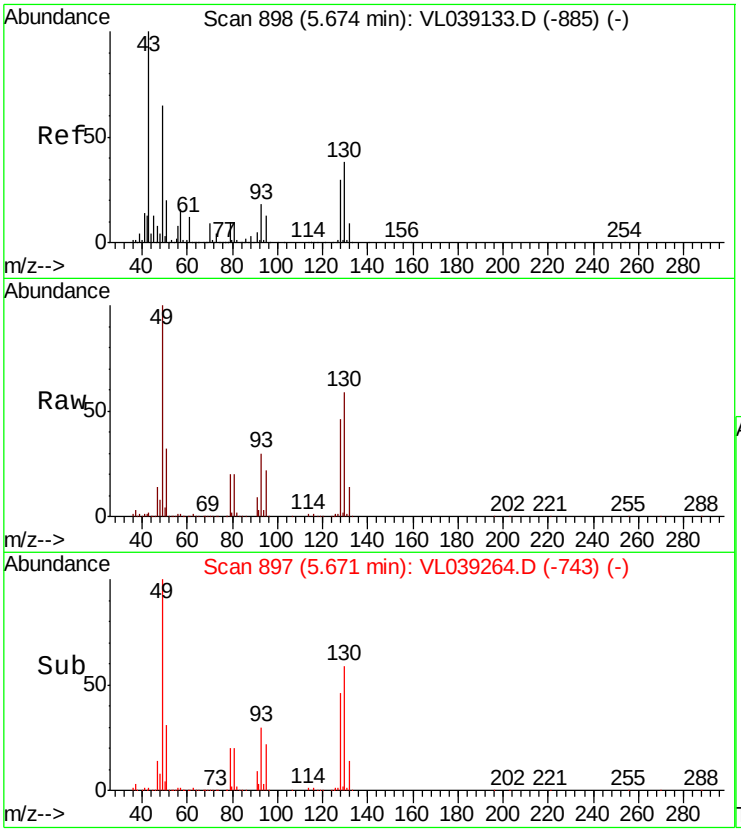
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
Data File : VL039264.D
Acq On : 13 Jun 2022 23:17
Operator : SY/AP
Sample : N3306-01DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Quant Time: Jun 14 01:33:41 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration



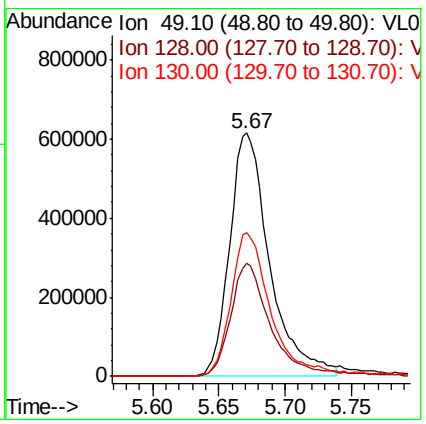


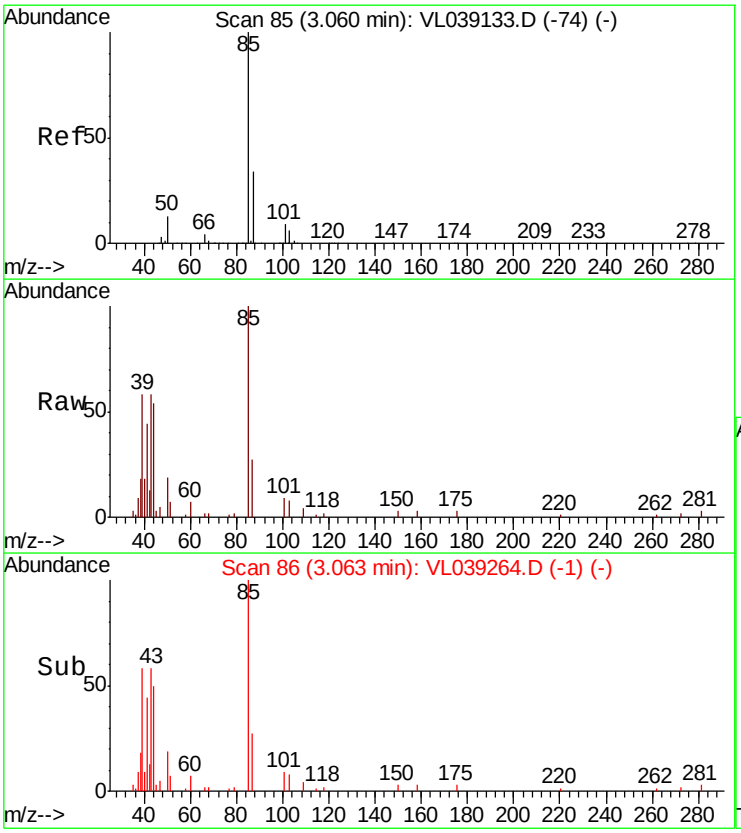
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 49 Resp: 1292870

Ion	Ratio	Lower	Upper
49	100		
128	47.6	24.7	74.1
130	60.6	31.4	94.0

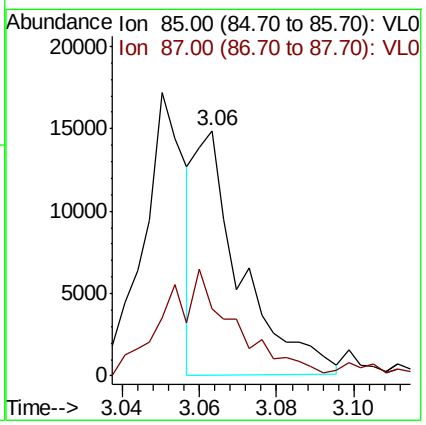


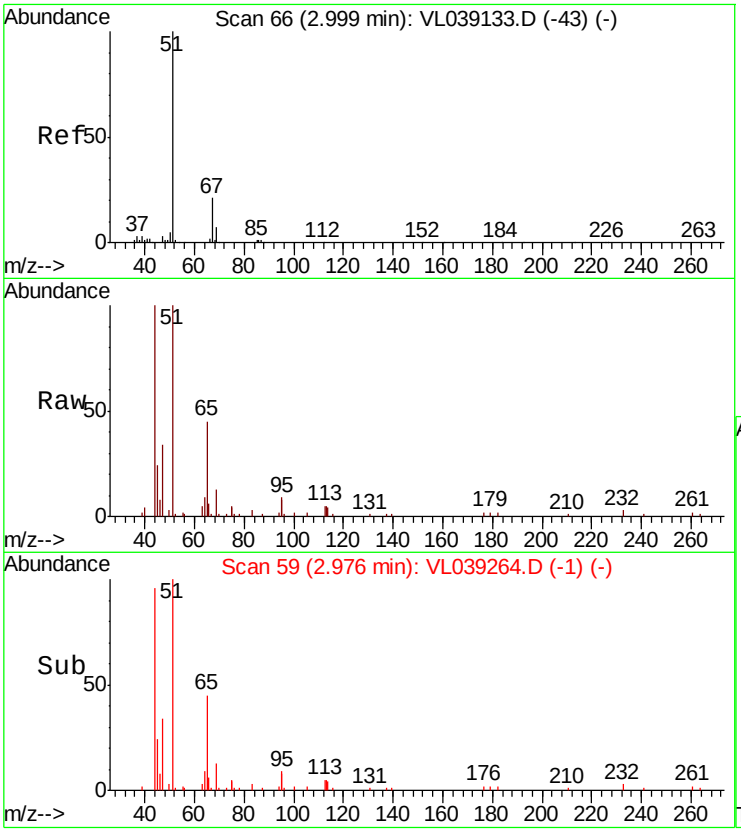


#2
Dichlorodifluoromethane
Concen: 0.054 ppbv
RT: 3.06 min Scan# 86
Delta R.T. 0.00 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion: 85 Resp: 12219

Ion	Ratio	Lower	Upper
85	100		
87	25.9	26.9	40.3#



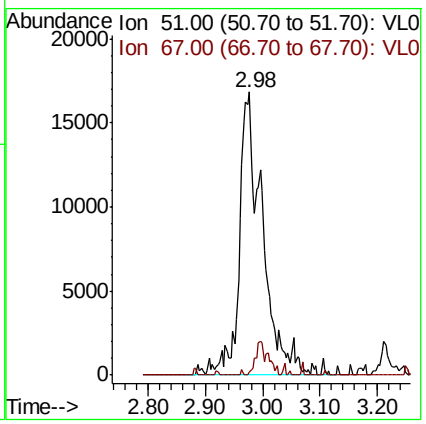


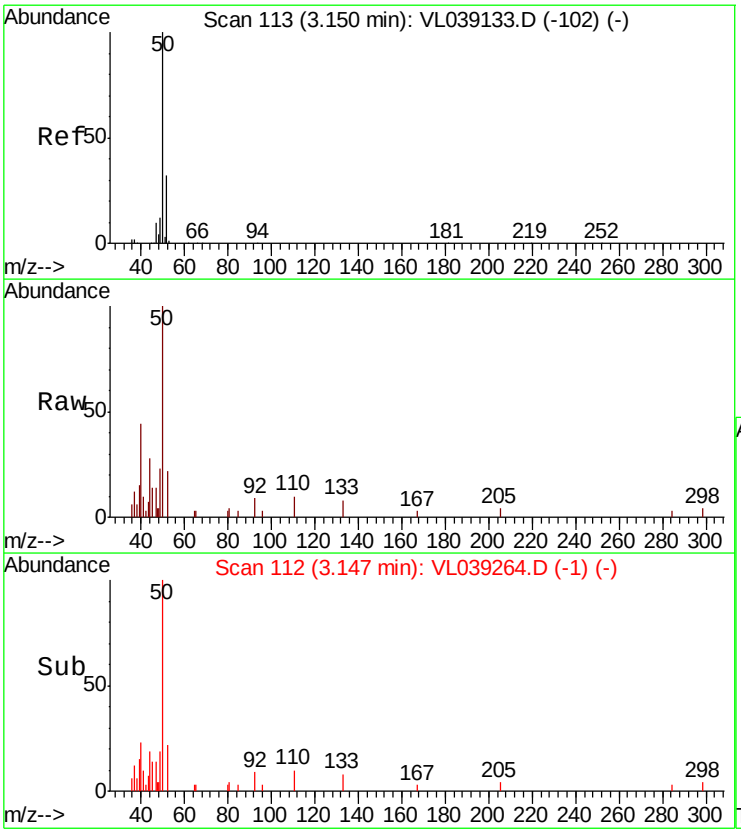
#3
Chlorodifluoromethane
Concen: 0.289 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 51 Resp: 47555

Ion	Ratio	Lower	Upper
51	100		
67	6.7	16.2	24.4#

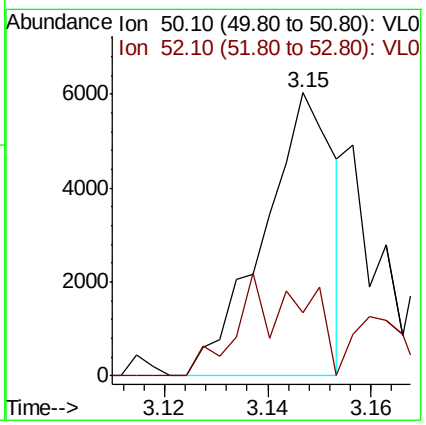


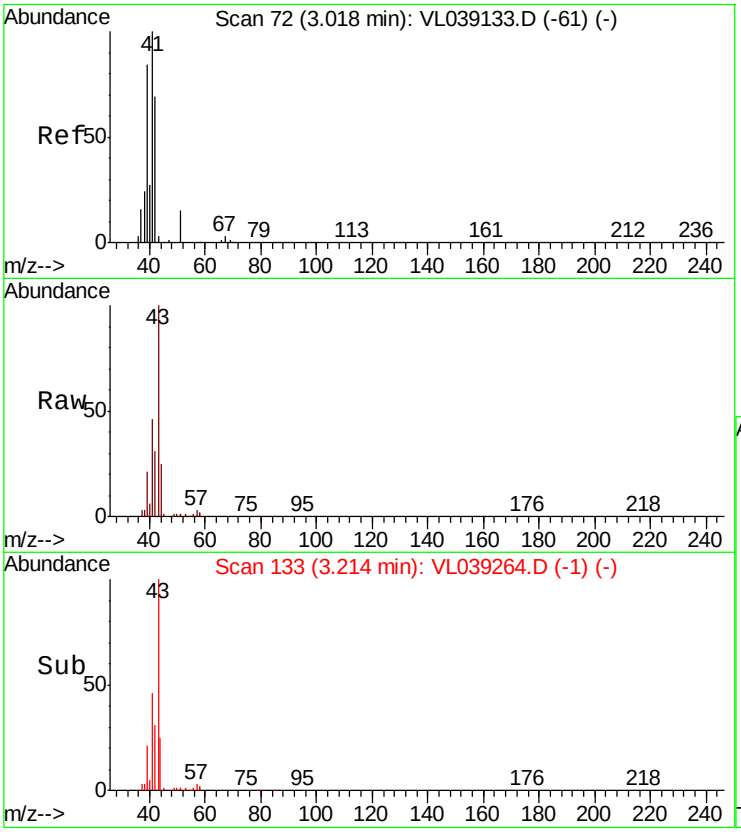


#4
Chloromethane
Concen: 0.068 ppbv
RT: 3.15 min Scan# 112
Delta R.T. -0.00 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion: 50 Resp: 5706

Ion	Ratio	Lower	Upper
50	100		
52	22.5	25.9	38.9#



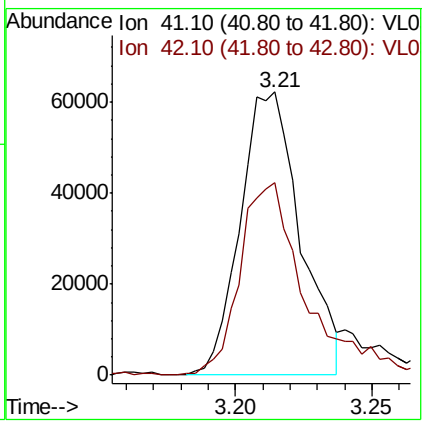


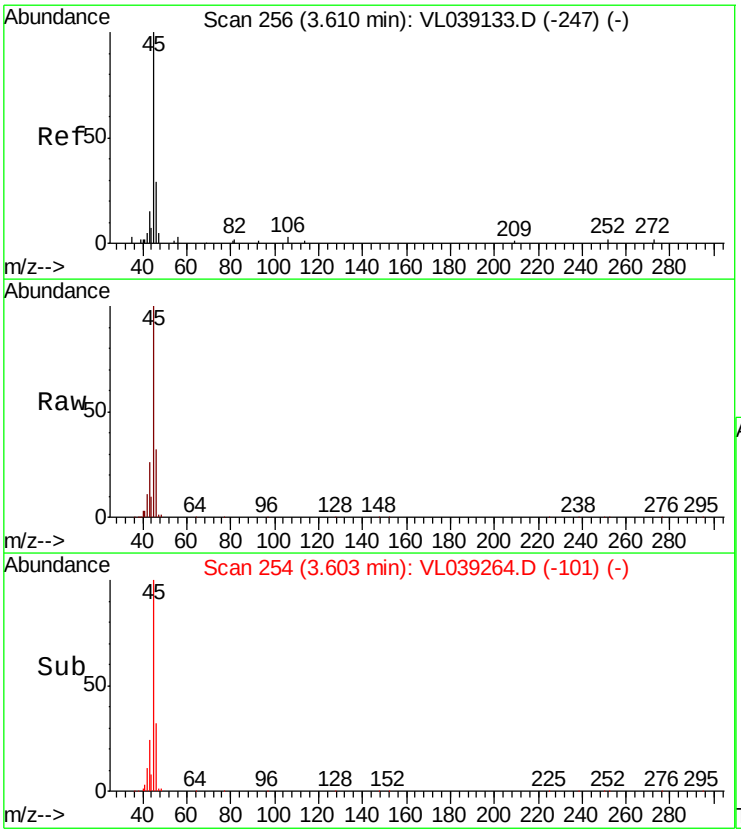
#9
Propene
Concen: 1.325 ppbv
RT: 3.21
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 41 Resp: 95076

Ion	Ratio	Lower	Upper
41	100		
42	75.2	55.4	83.2

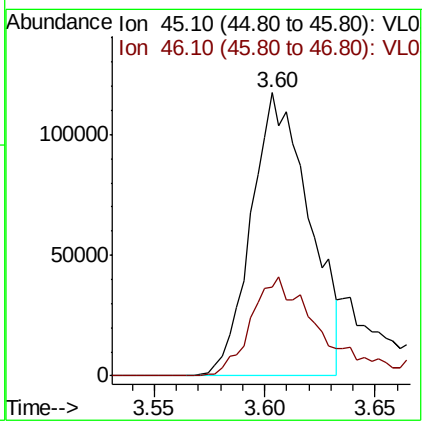


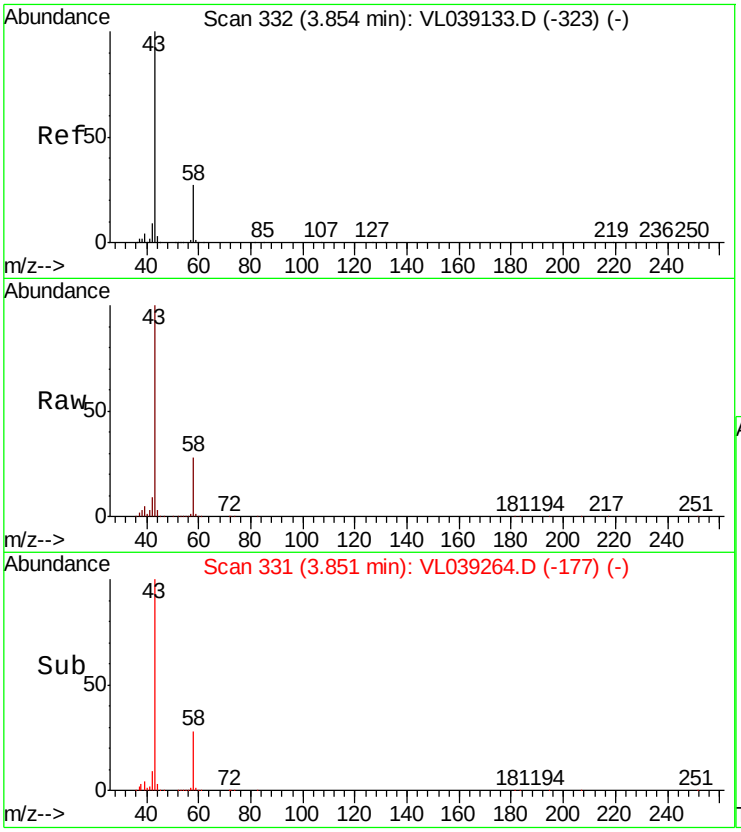


#13
Ethanol
Concen: 54.699 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.01 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion: 45 Resp: 213972

Ion	Ratio	Lower	Upper
45	100		
46	45.5	0.0	0.0#



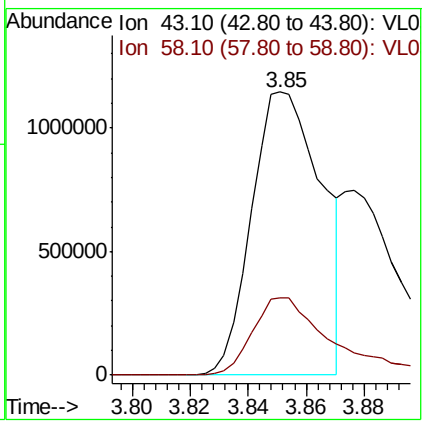


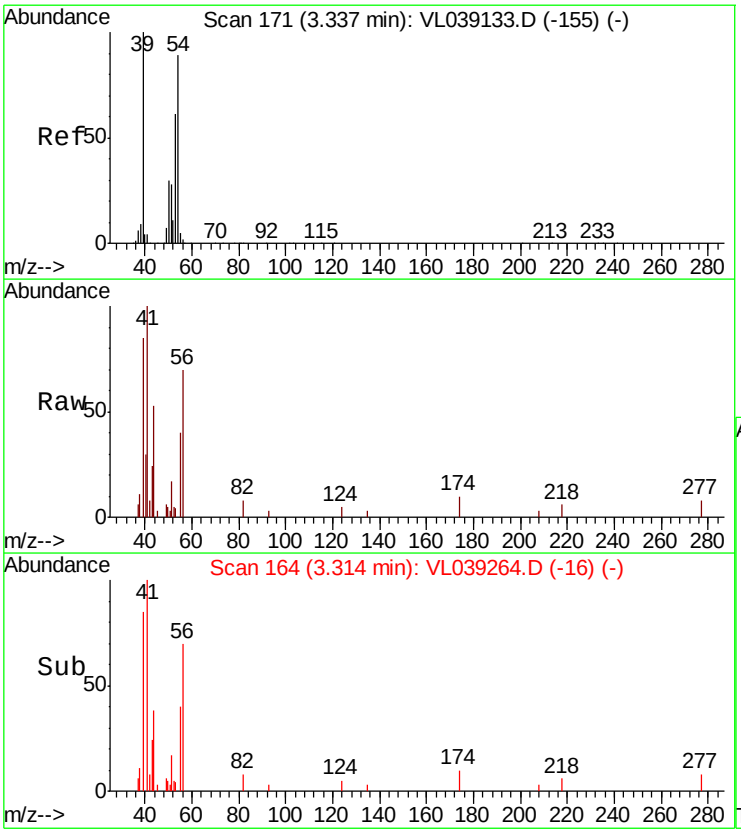
#15
Acetone
Concen: 14.264 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 43 Resp: 1921017

Ion	Ratio	Lower	Upper
43	100		
58	33.1	22.5	33.7

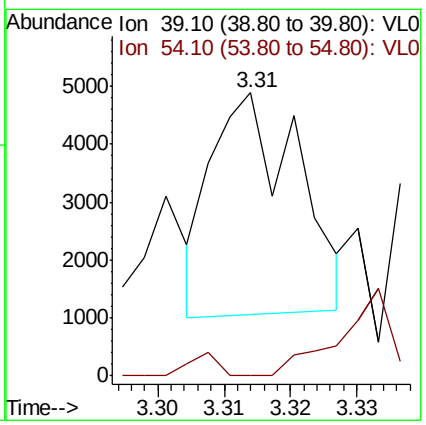


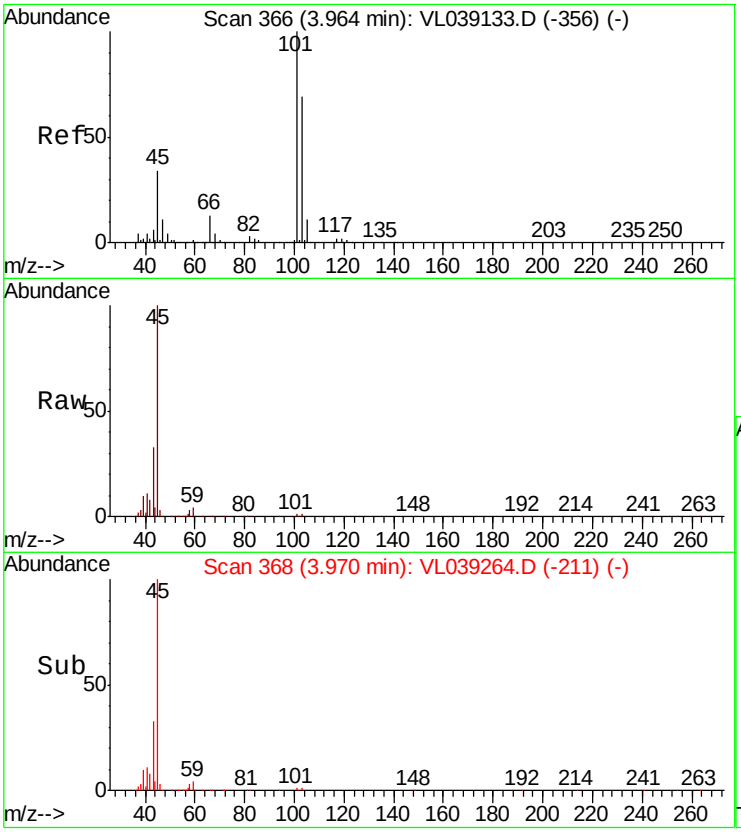


#16
1,3-Butadiene
Concen: 0.048 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.02 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion: 39 Resp: 3459

Ion	Ratio	Lower	Upper
39	100		
54	54.4	65.8	98.6#



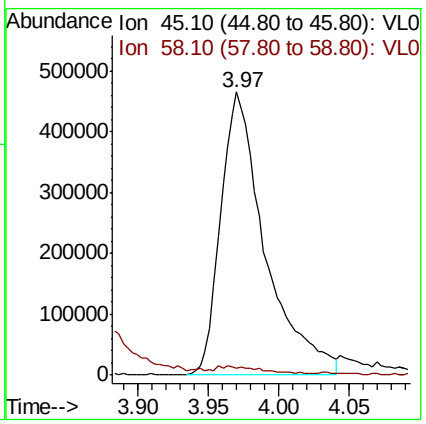


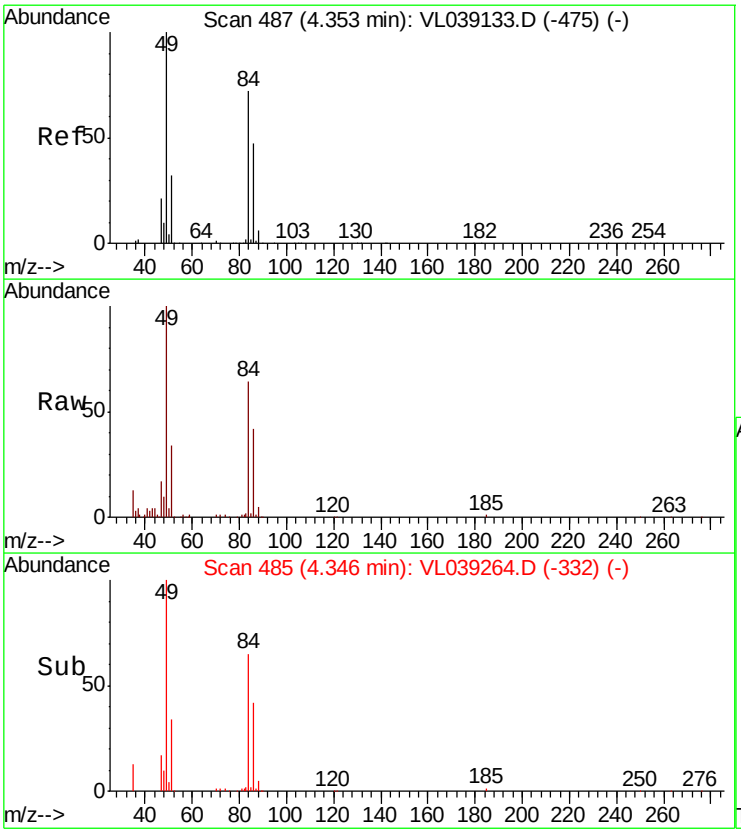
#19
Isopropyl Alcohol
Concen: 16.123 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 45 Resp: 1018439

Ion	Ratio	Lower	Upper
45	100		
58	3.2	1.8	2.8#

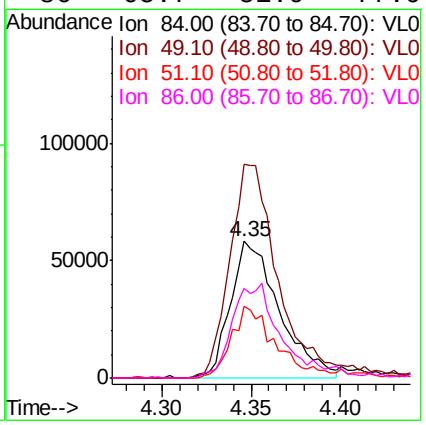


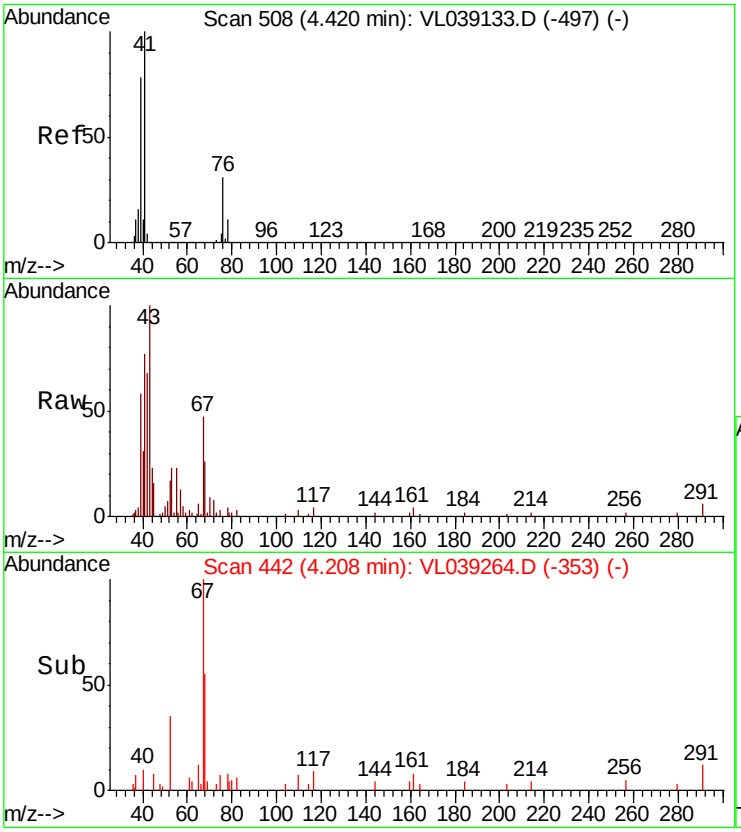


#20
Methylene Chloride
Concen: 1.954 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.01 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion: 84 Resp: 110885

Ion	Ratio	Lower	Upper
84	100		
49	156.1	111.1	166.7
51	52.1	35.3	52.9
86	65.7	51.9	77.9



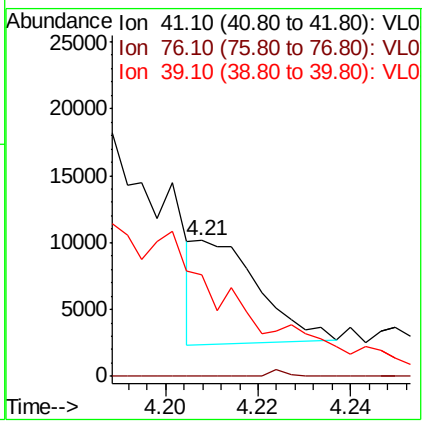


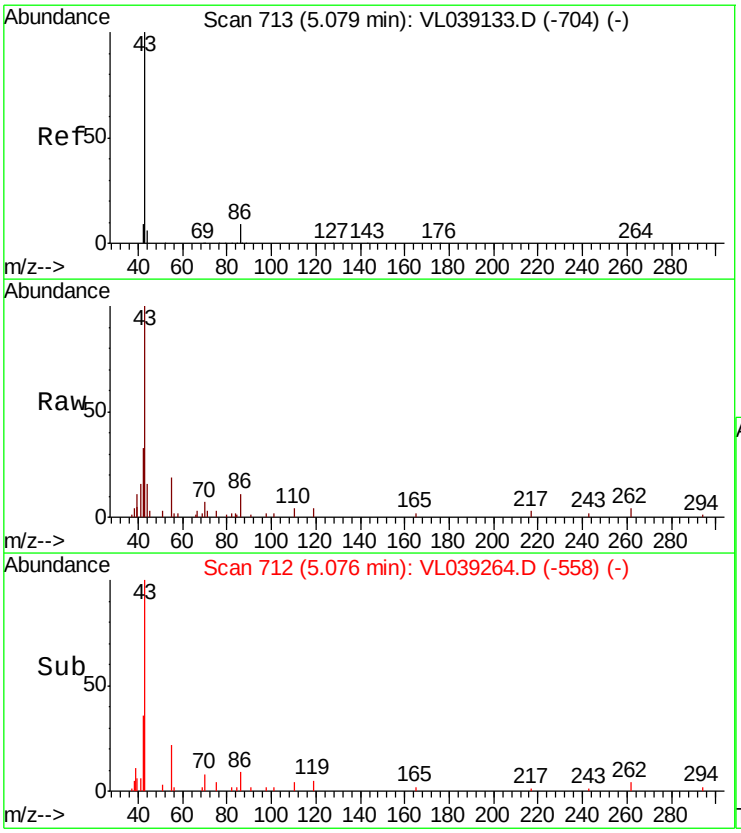
#21
Allvl Chloride
Concen: 0.080 ppbv
RT: 4.21
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 41 Resp: 7288

Ion	Ratio	Lower	Upper
41	100		
76	1.7	24.2	36.2#
39	0.0	62.2	93.2#

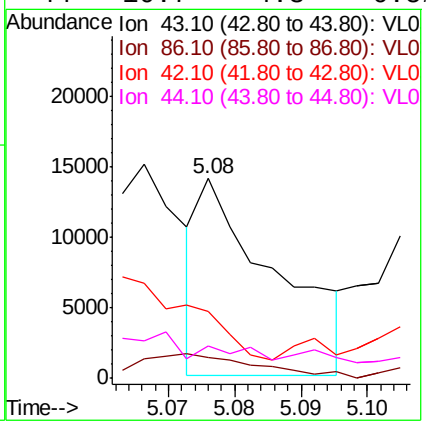


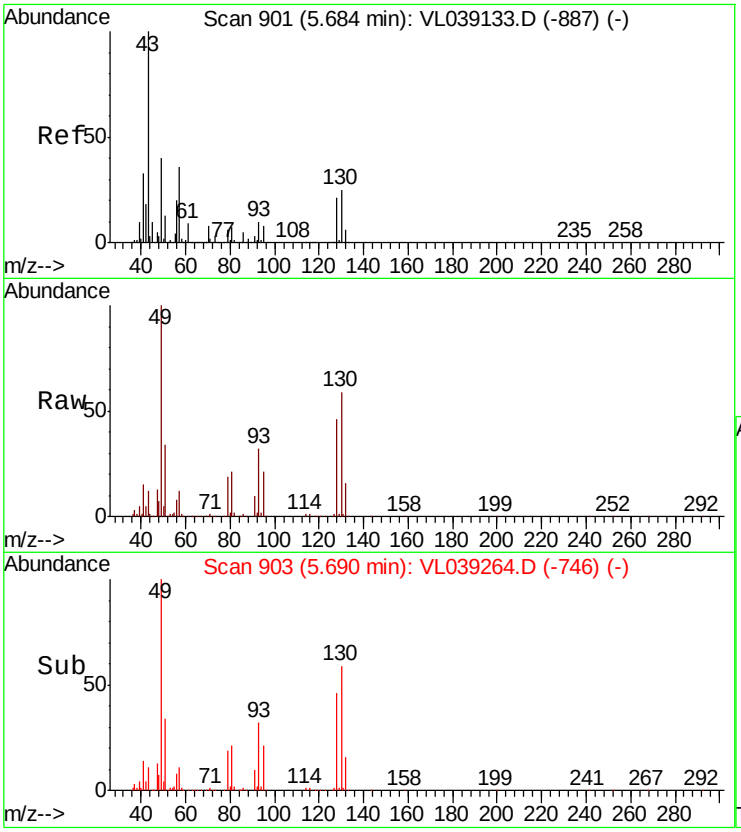


#23
Vinyl Acetate
Concen: 0.102 ppbv
RT: 5.08 min Scan# 712
Delta R.T. -0.00 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion: 43 Resp: 11313

Ion	Ratio	Lower	Upper
43	100		
86	12.7	6.0	9.0#
42	38.5	8.2	12.4#
44	10.7	4.3	6.5#



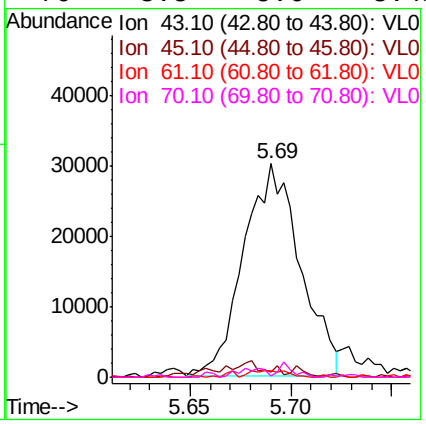


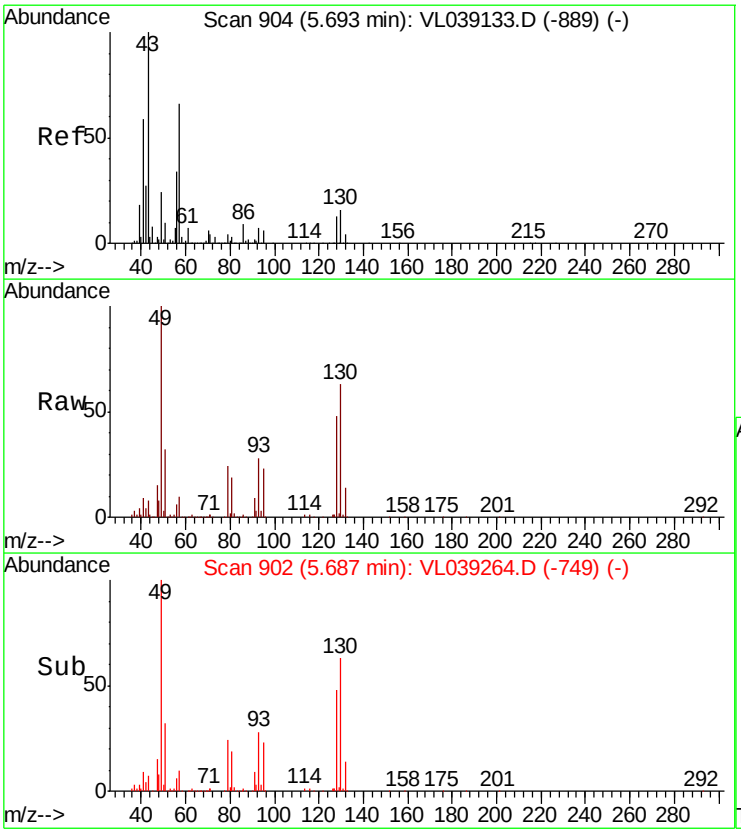
#25
Ethyl Acetate
Concen: 0.195 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 43 Resp: 59097

Ion	Ratio	Lower	Upper
43	100		
45	8.1	8.2	12.2#
61	3.0	8.4	12.6#
70	3.8	5.6	8.4#

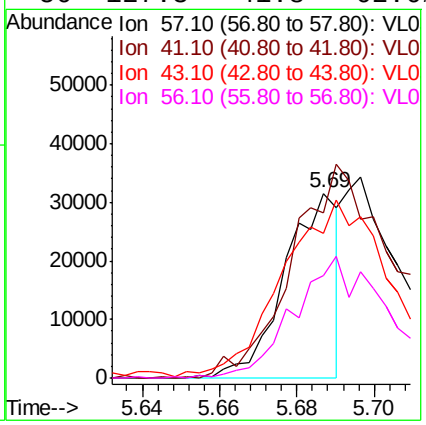


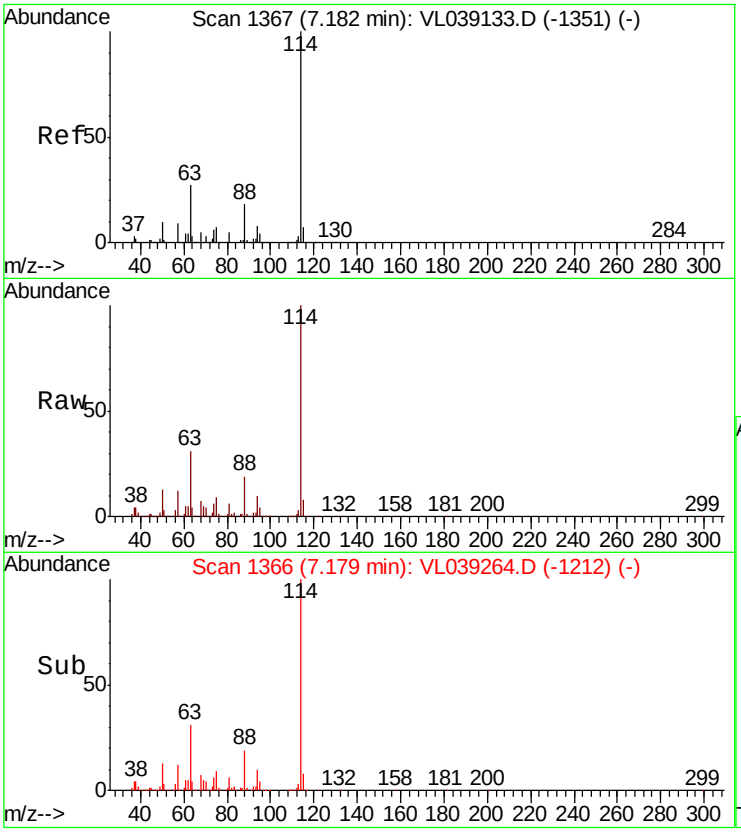


#26
Hexane
Concen: 0.228 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion: 57 Resp: 30351

Ion	Ratio	Lower	Upper
57	100		
41	236.7	72.4	108.6#
43	219.6	187.0	280.6
56	127.3	41.8	62.6#



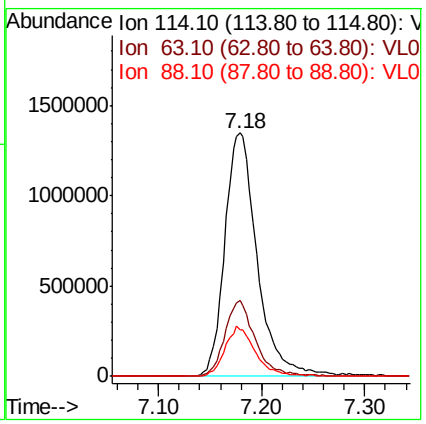


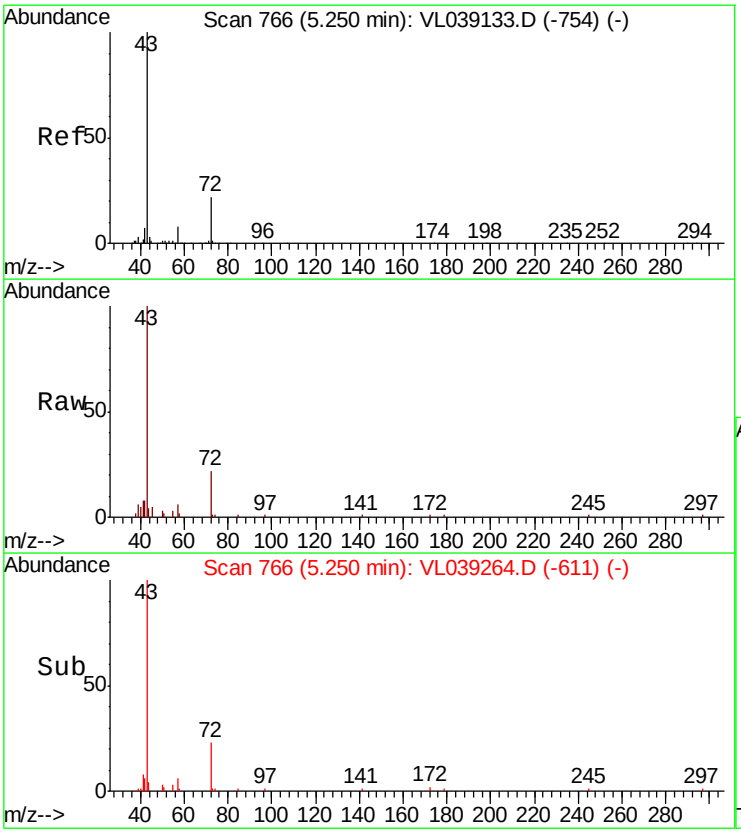
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion:114 Resp: 2942885

Ion	Ratio	Lower	Upper
114	100		
63	29.6	21.7	32.5
88	19.5	14.8	22.2

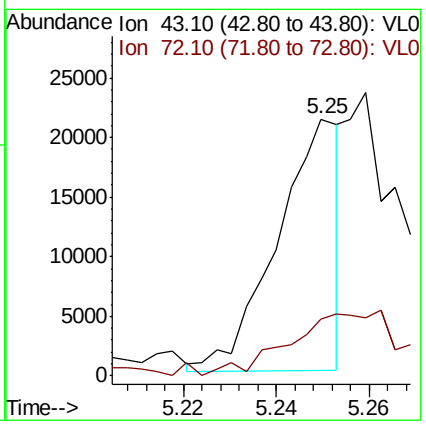


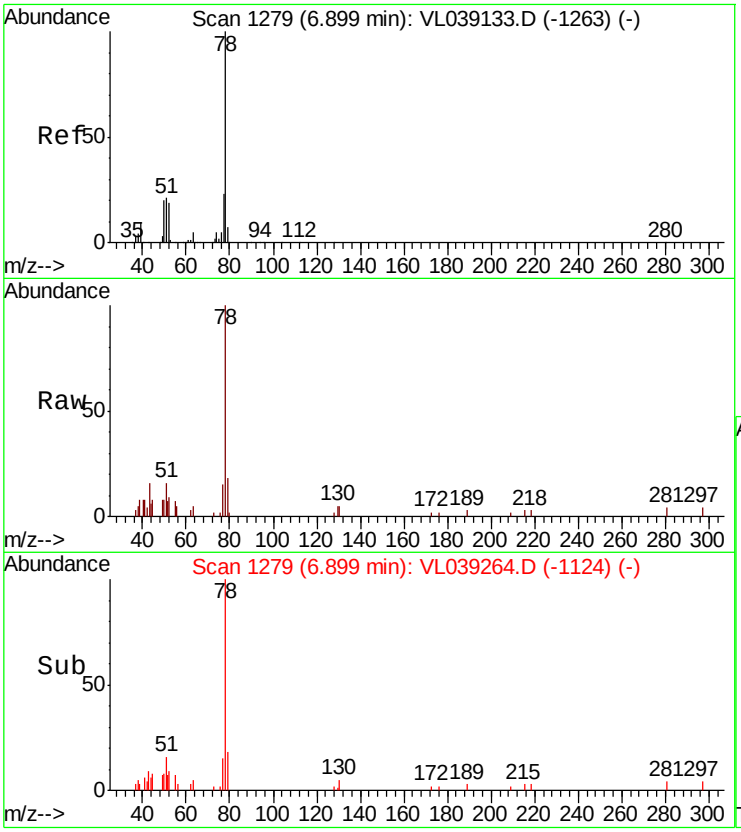


#34
2-Butanone
Concen: 0.124 ppbv
RT: 5.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion: 43 Resp: 19777

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#



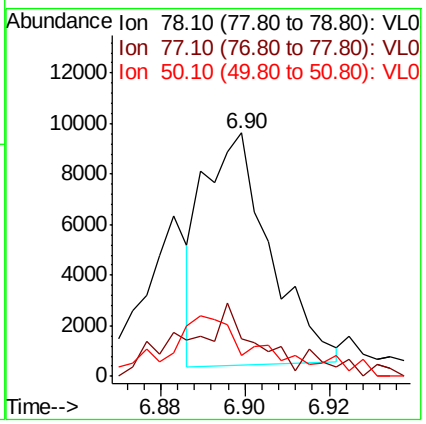


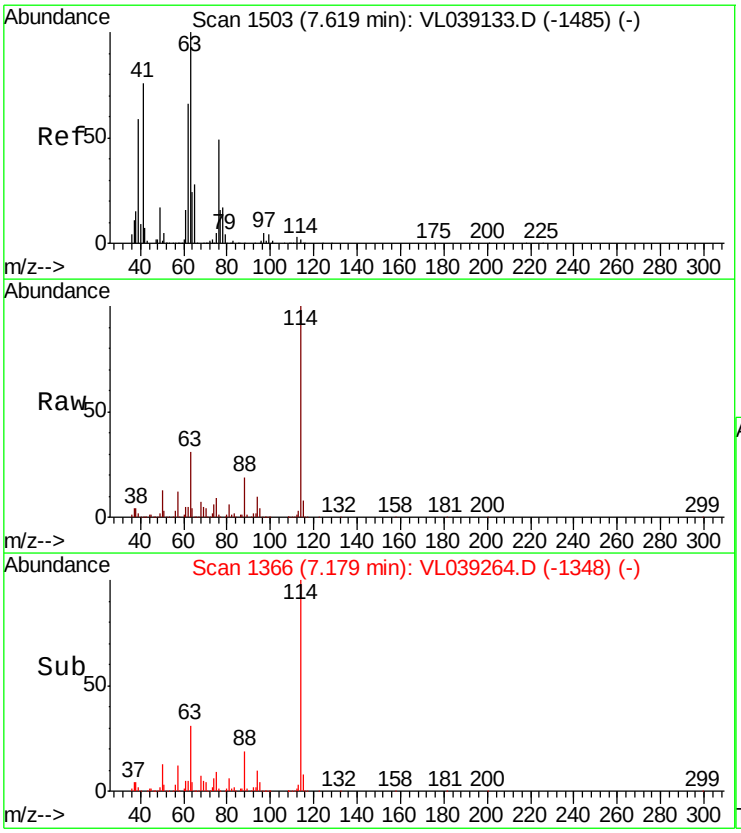
#36
Benzene
Concen: 0.042 ppbv
RT: 6.90
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 78 Resp: 10021

Ion	Ratio	Lower	Upper
78	100		
77	13.0	18.6	27.8#
50	0.0	15.8	23.8#

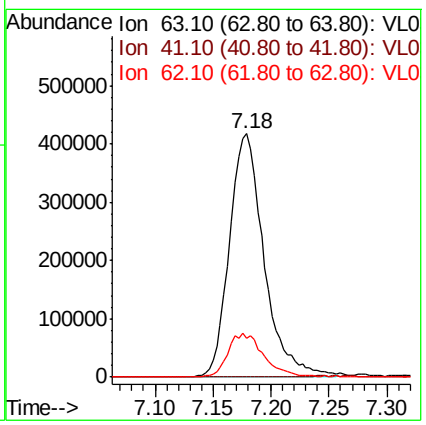


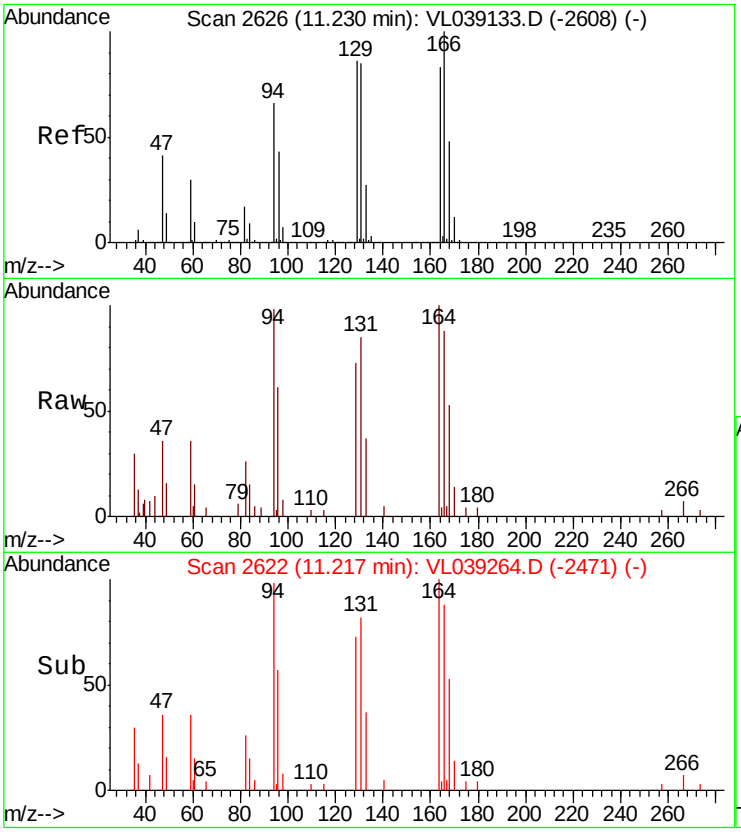


#39
1,2-Dichloropropane
Concen: 9.082 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.44 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion: 63 Resp: 863132

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	16.1	52.9	79.3#



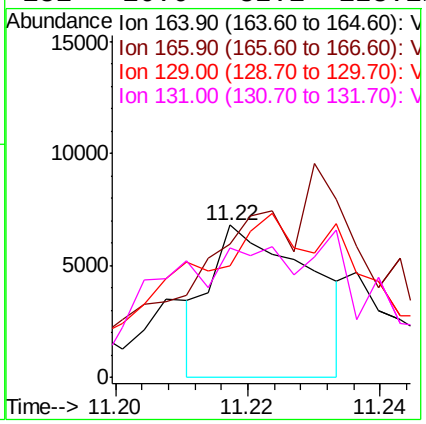


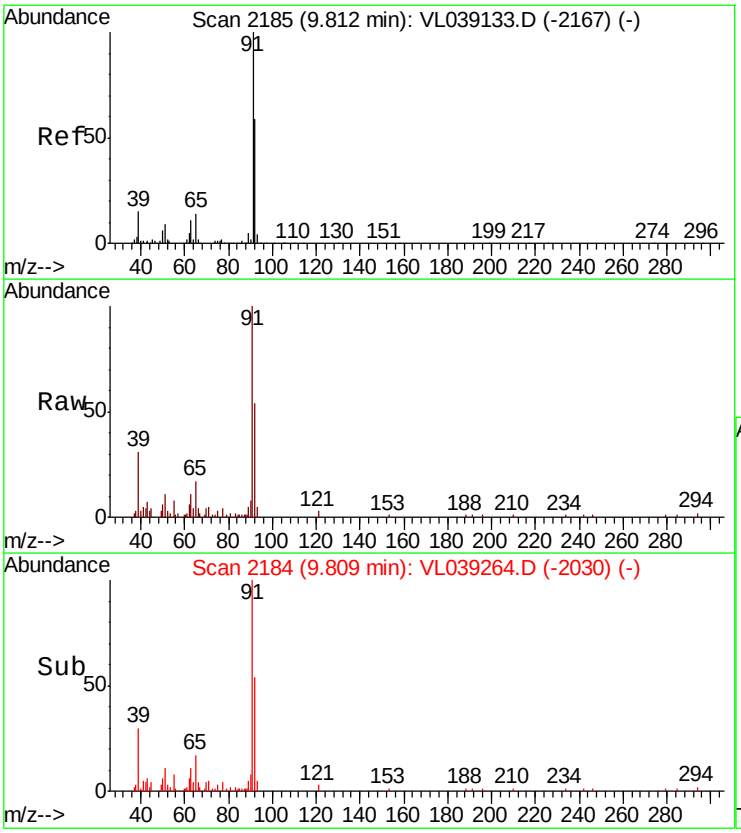
#52
Tetrachloroethene
Concen: 0.075 ppbv
RT: 11.22
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion:164 Resp: 7007

Ion	Ratio	Lower	Upper
164	100		
166	69.2	96.3	144.5#
129	0.0	82.5	123.7#
131	16.6	82.1	123.1#

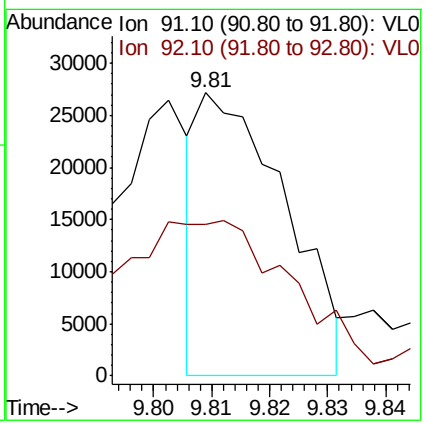


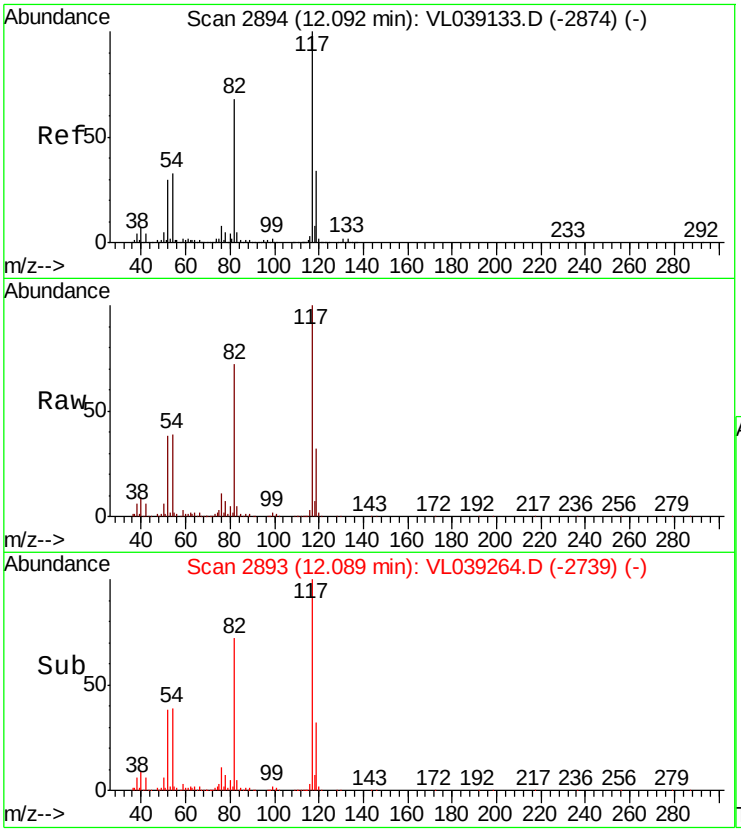


#53
Toluene
Concen: 0.103 ppbv
RT: 9.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion: 91 Resp: 28267

Ion	Ratio	Lower	Upper
91	100		
92	128.8	48.1	72.1#



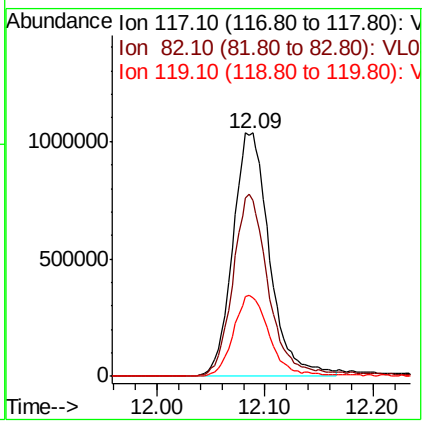


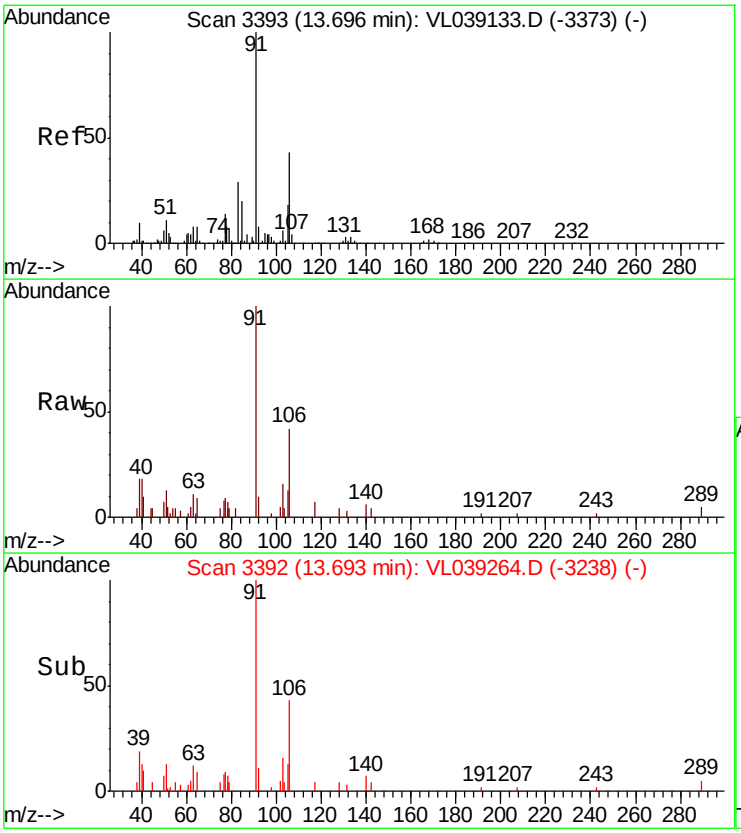
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion:117 Resp: 2464786

Ion	Ratio	Lower	Upper
117	100		
82	74.8	55.1	82.7
119	33.5	24.7	37.1

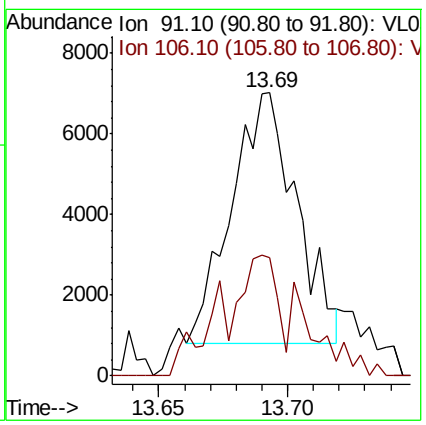


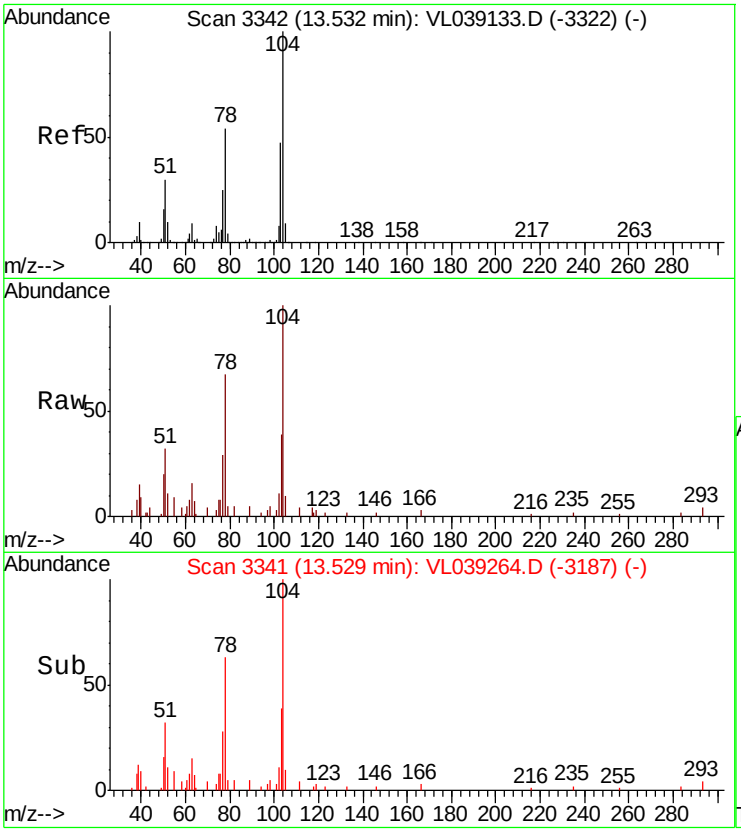


#60
o-Xylene
Concen: 0.039 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion: 91 Resp: 10932

Ion	Ratio	Lower	Upper
91	100		
106	56.8	22.3	66.9



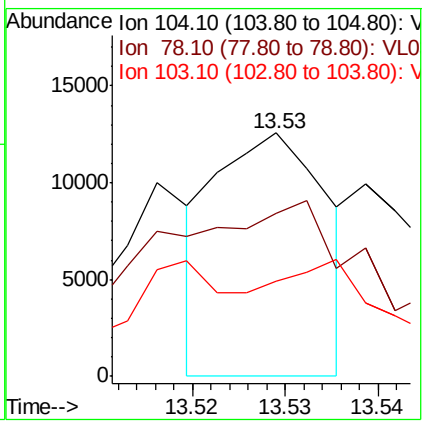


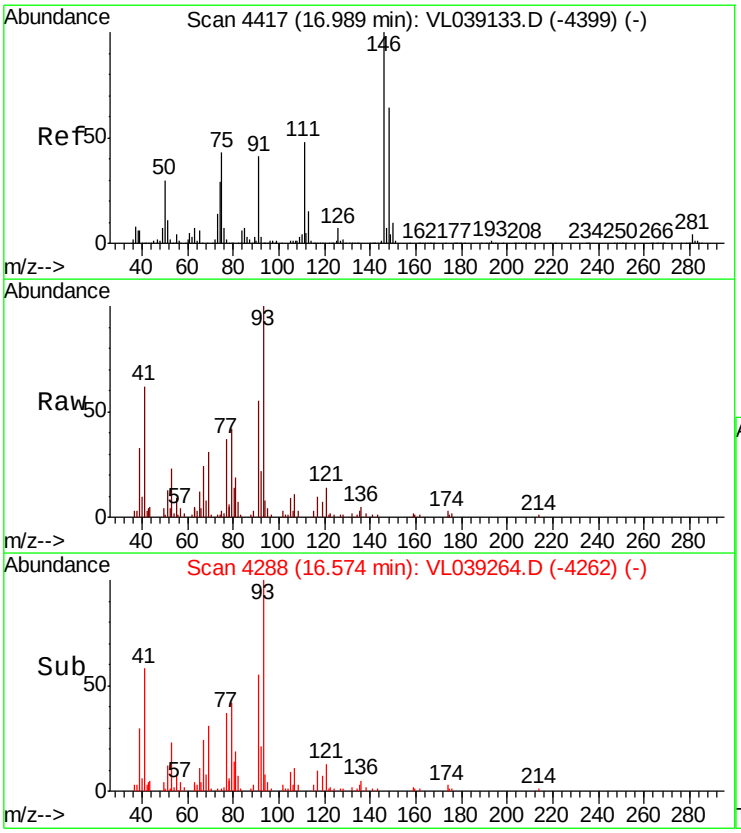
#61
Stvrene
Concen: 0.070 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion:104 Resp: 10460

Ion	Ratio	Lower	Upper
104	100		
78	0.0	45.7	68.5#
103	0.0	39.6	59.4#

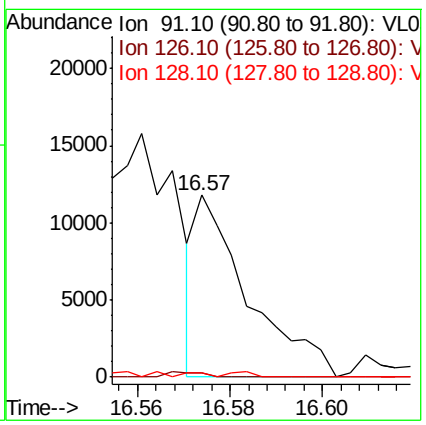


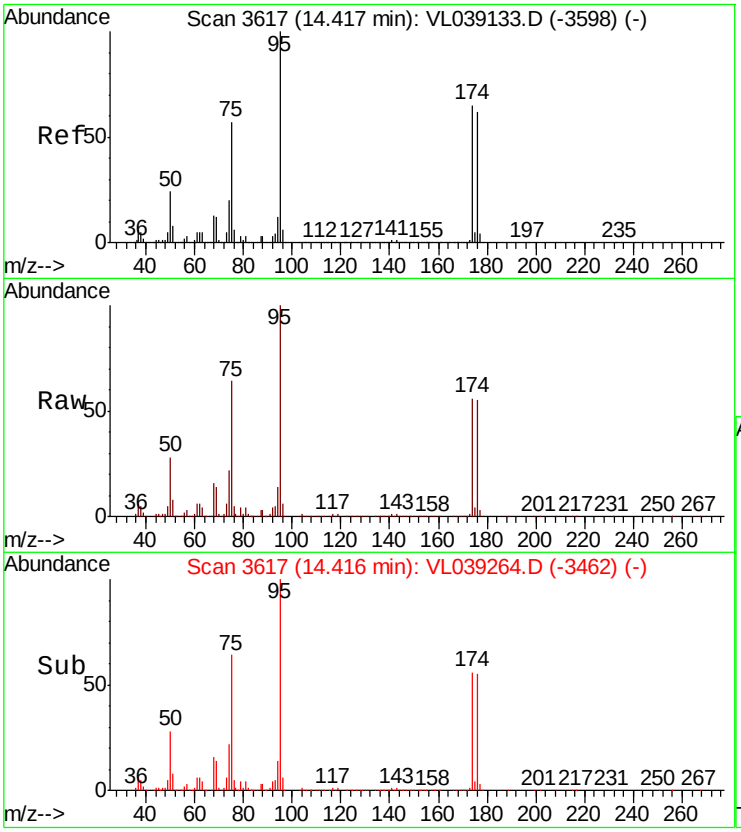


#66
Benzyl Chloride
Concen: 0.187 ppbv
RT: 16.57 min Scan# 4288
Delta R.T. -0.41 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion: 91 Resp: 9262

Ion	Ratio	Lower	Upper
91	100		
126	1.1	13.4	20.0#
128	0.0	4.1	6.1#



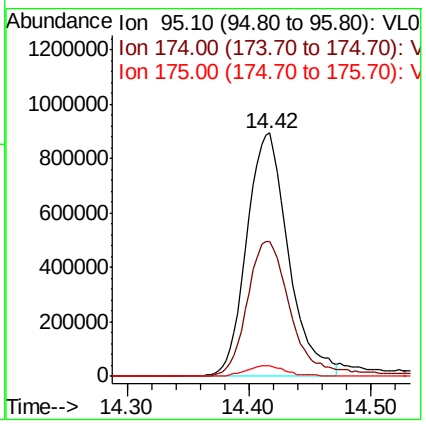


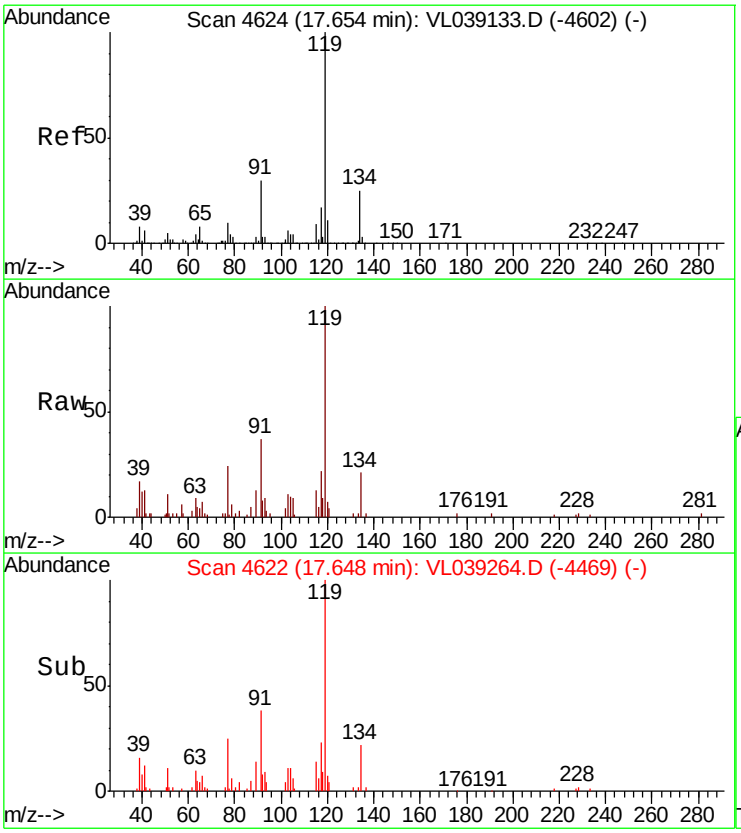
#68
1-Bromo-4-Fluorobenzene
Concen: 10.370 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 95 Resp: 2113024

Ion	Ratio	Lower	Upper
95	100		
174	60.7	53.8	80.8
175	4.5	4.1	6.1

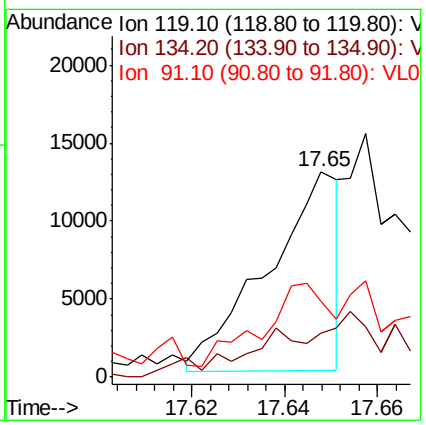


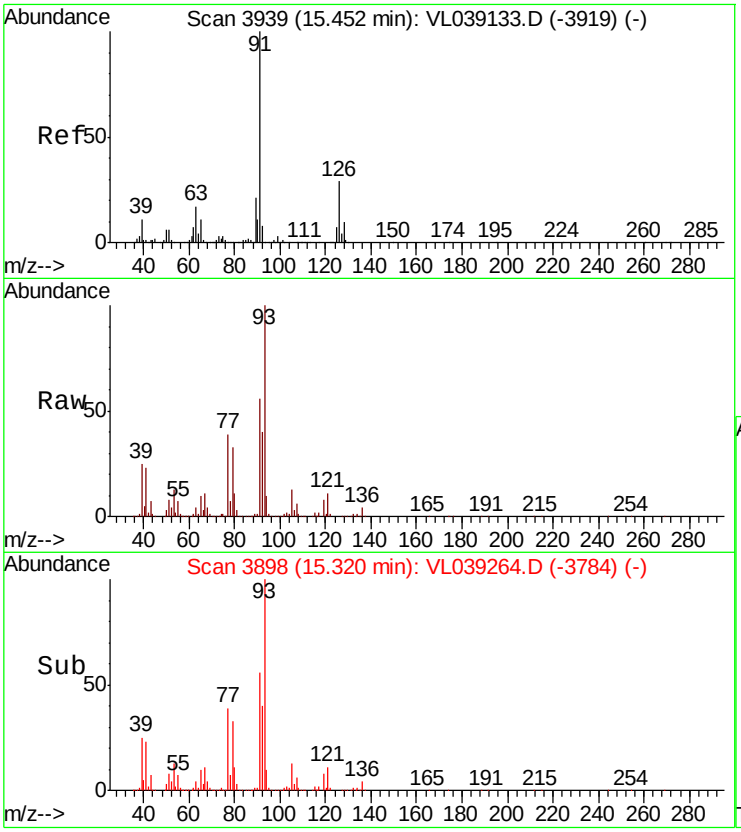


#69
p-Isopropyltoluene
Concen: 0.031 ppbv
RT: 17.65 min Scan# 4622
Delta R.T. -0.01 min
Lab File: VL039264.D
Acq: 13 Jun 2022 23:17

Tgt Ion:119 Resp: 13644

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.4	30.6#
91	0.0	24.2	36.4#





#71
2-Chlorotoluene
Concen: 2.641 ppbv
RT: 15.32
Delta R.T
Lab File:
Acq: 13 Jun 2022 23:17

Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Tgt Ion: 91 Resp: 841055

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.2	48.6#