Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060622\
Data File : VL039191.D
Acq On : 6 Jun 2022 19:19
Operator : SY/AP
Sample : N3110-08DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jun 07 03:17:54 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	5.66	49	1173433	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3086334	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.08	117	2695733	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2170917	9.74	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	7534	0.037	ppbv		95
3) Chlorodifluoromethane	2.98	51	6433	0.043	ppbv		93
4) Chloromethane	3.14	50	3011	0.039	ppbv	#	71
9) Propene	3.02	41	7661	0.118	ppbv		83
10) Heptane	8.12	43	5854	0.039	ppbv	#	26
11) Trichlorofluoromethane	3.95	101	5961	0.032	ppbv		87
13) Ethanol	3.60	45	11579	3.261	ppbv	#	100
15) Acetone	3.85	43	36853	0.301	ppbv	#	1
20) Methylene Chloride	4.34	84	46281	0.898	ppbv		92
25) Ethyl Acetate	5.68	43	53987	0.196	ppbv	#	82
26) Hexane	5.68	57	66048	0.546	ppbv	#	43
27) Carbon Disulfide	4.55	76	18335	0.146	ppbv	#	59
34) 2-Butanone	5.25	43	6946	0.041	ppbv	#	53
39) 1,2-Dichloropropane	7.17	63	749733	7.523	ppbv	#	23
52) Tetrachloroethene	11.21	164	289491	2.959	ppbv		98
53) Toluene	9.80	91	112144	0.389	ppbv	#	21
58) Ethyl Benzene	12.70	91	34045	0.092	ppbv		97
59) m/p-Xylene	12.99	91	82031	0.251	ppbv	#	33
60) o-Xylene	13.68	91	50061	0.163	ppbv	#	48
72) 4-Ethyltoluene	15.82	105	37454	0.104	ppbv	#	69
73) 1,3,5-Trimethylbenzene	15.99	105	43050	0.133	ppbv	#	84
74) 1,2,4-Trimethylbenzene	16.75	105	180089	0.497	ppbv	#	66

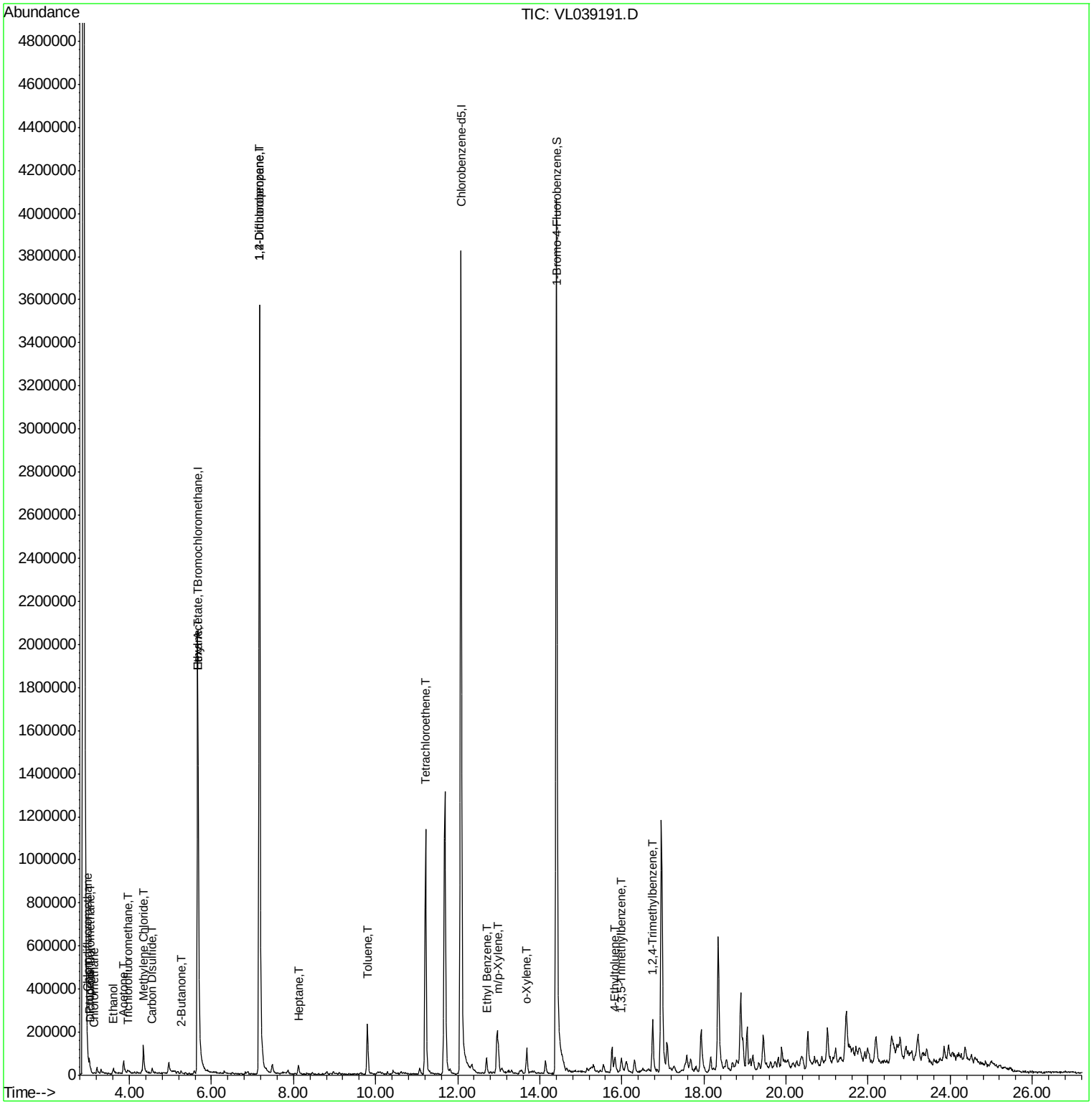
(#) = qualifier out of range (m) = manual integration (+) = signals summed

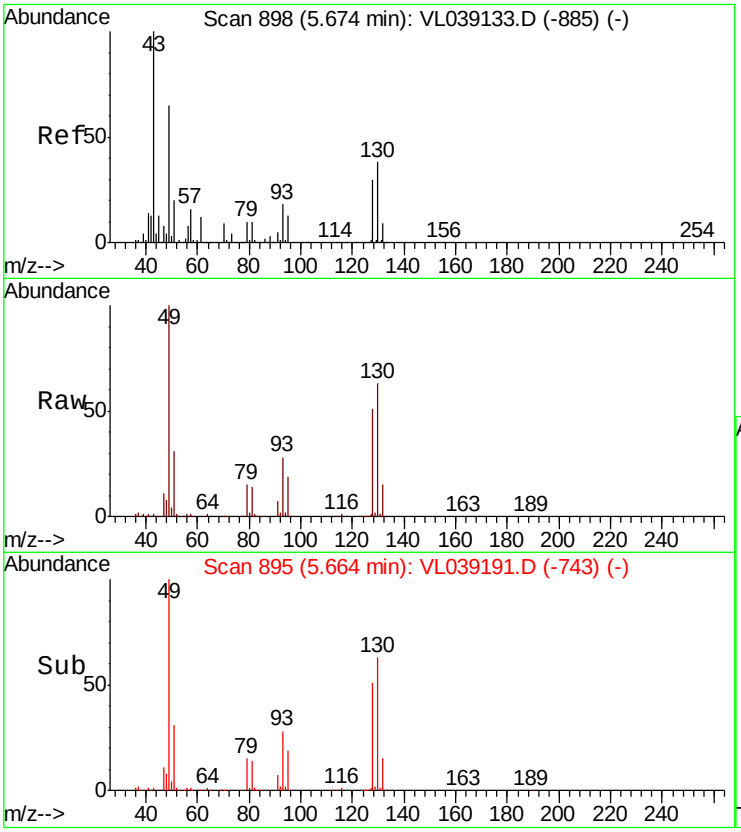
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060622\
Data File : VL039191.D
Acq On : 6 Jun 2022 19:19
Operator : SY/AP
Sample : N3110-08DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jun 07 03:17:54 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



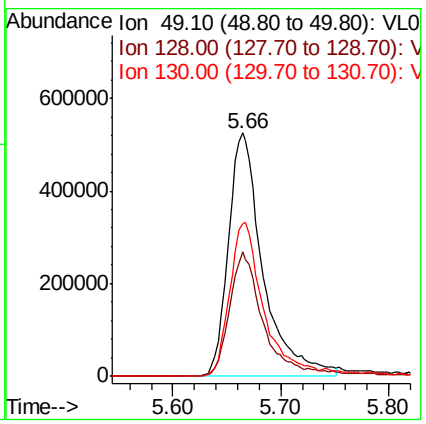


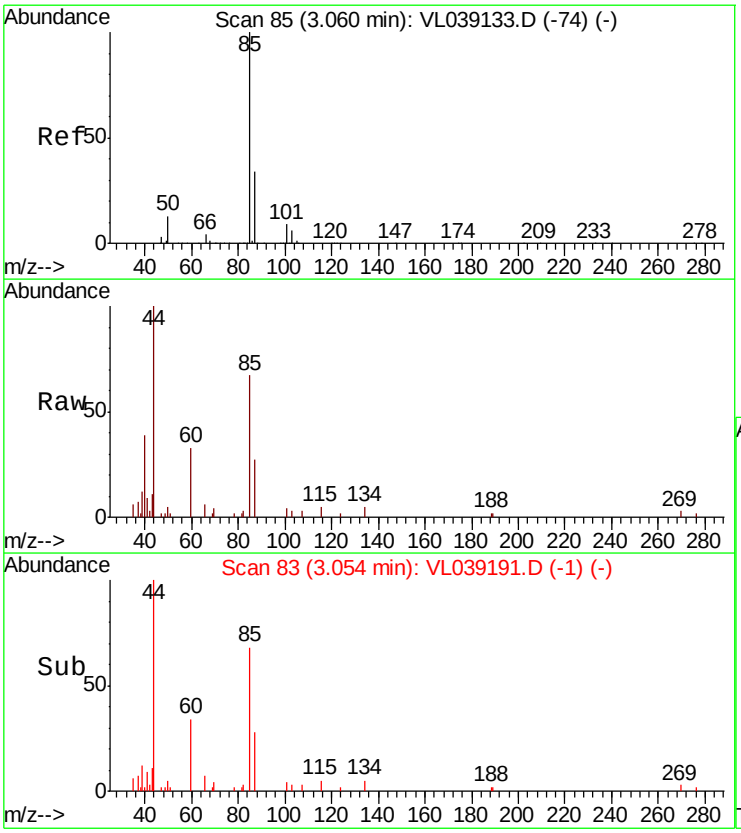
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 6 Jun 2022 19:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1173433

Ion	Ratio	Lower	Upper
49	100		
128	52.1	24.7	74.1
130	66.0	31.4	94.0

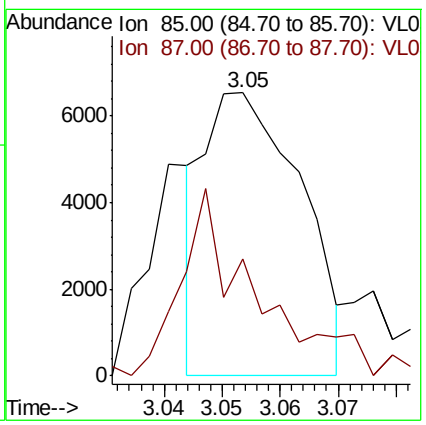


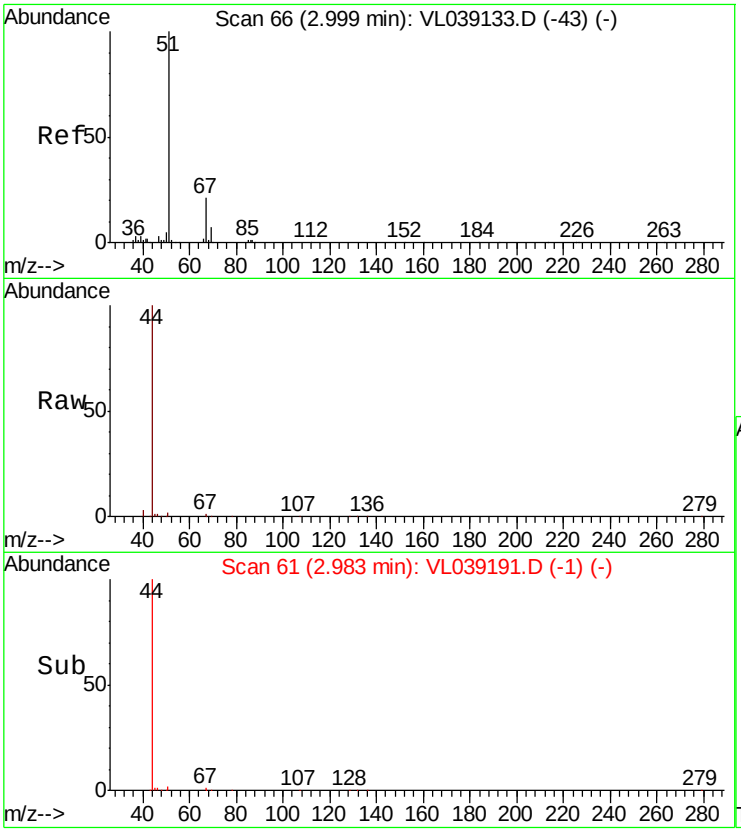


#2
Dichlorodifluoromethane
Concen: 0.037 ppbv
RT: 3.05 min Scan# 83
Delta R.T. -0.01 min
Lab File: VL039191.D
Acq: 6 Jun 2022 19:19

Tgt Ion: 85 Resp: 7534

Ion	Ratio	Lower	Upper
85	100		
87	36.3	26.9	40.3



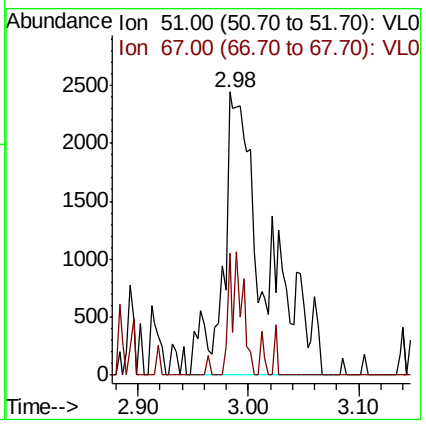


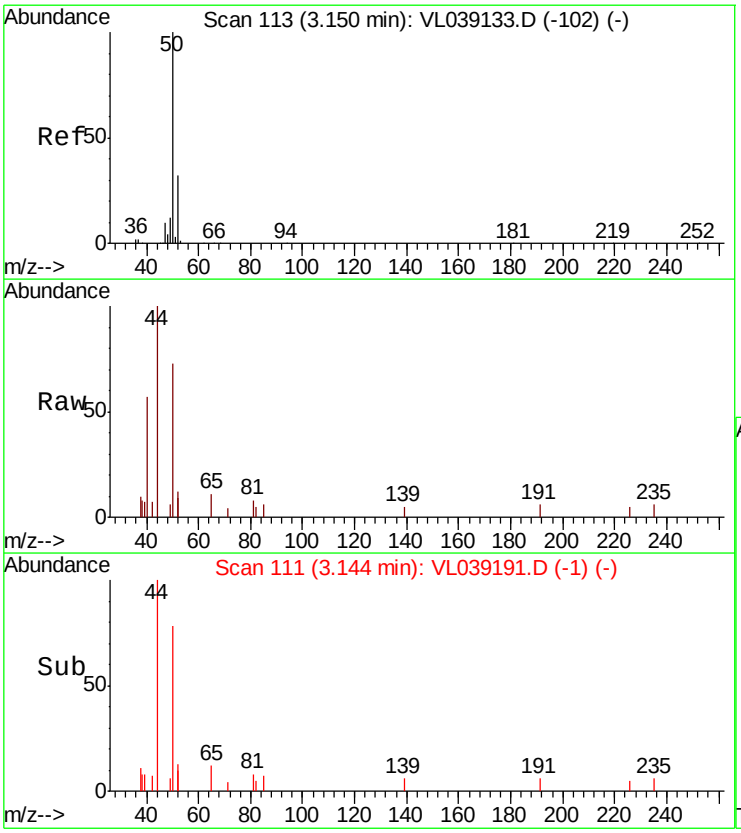
#3
Chlorodifluoromethane
Concen: 0.043 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 6 Jun 2022 19:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 6433

Ion	Ratio	Lower	Upper
51	100		
67	17.0	16.2	24.4

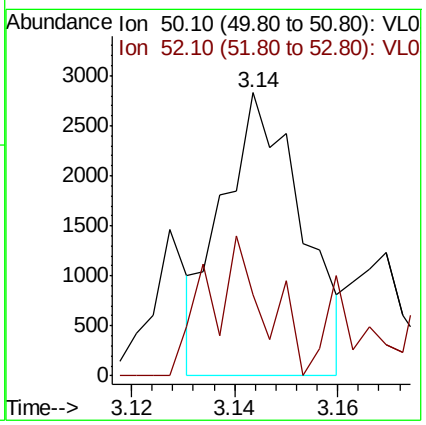


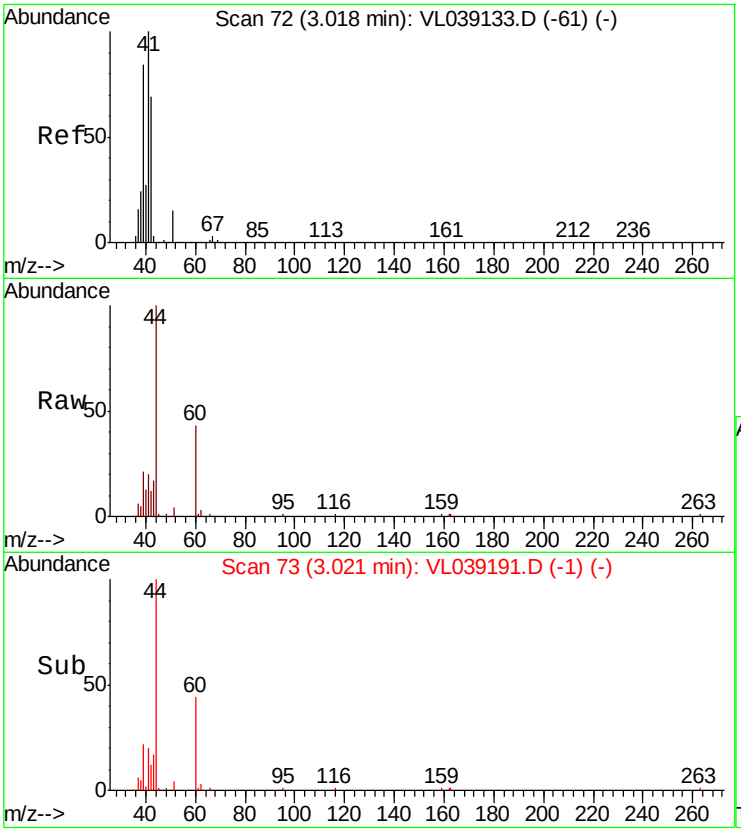


#4
Chloromethane
Concen: 0.039 ppbv
RT: 3.14 min Scan# 111
Delta R.T. -0.01 min
Lab File: VL039191.D
Acq: 6 Jun 2022 19:19

Tgt Ion: 50 Resp: 3011

Ion	Ratio	Lower	Upper
50	100		
52	16.2	25.9	38.9#



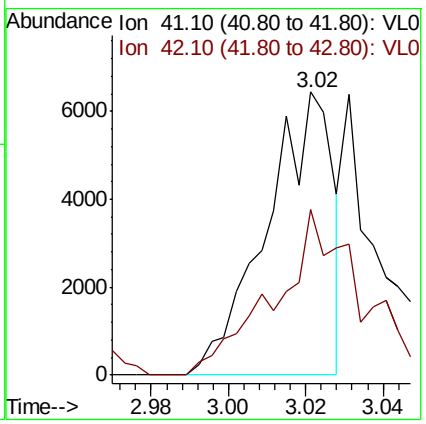


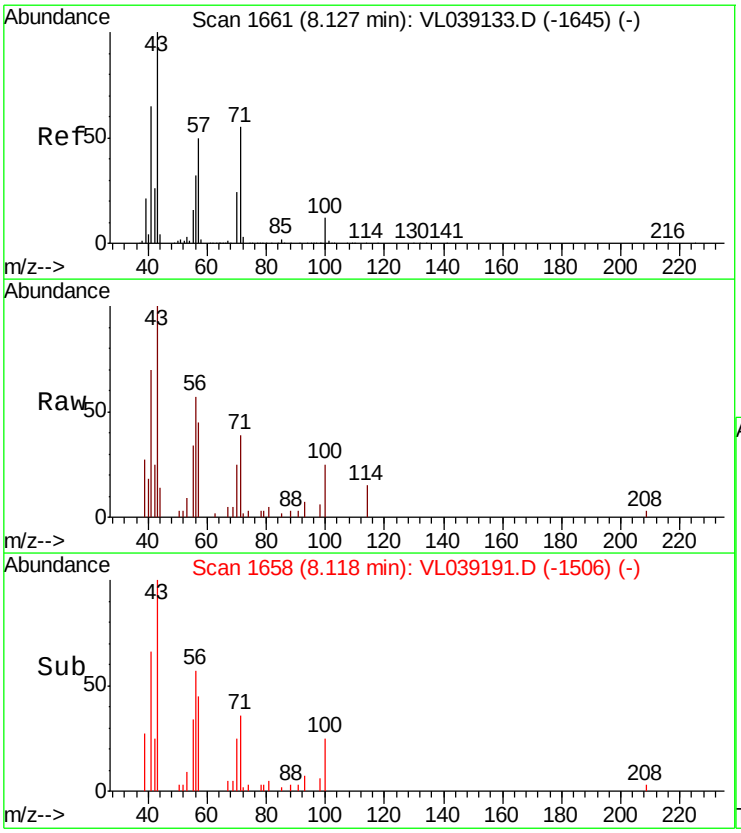
#9
Propene
Concen: 0.118 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 6 Jun 2022 19:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 7661

Ion	Ratio	Lower	Upper
41	100		
42	82.9	55.4	83.2

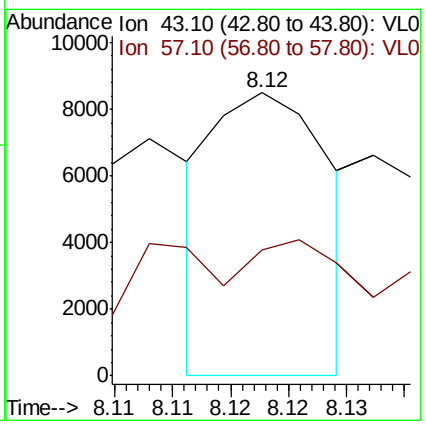


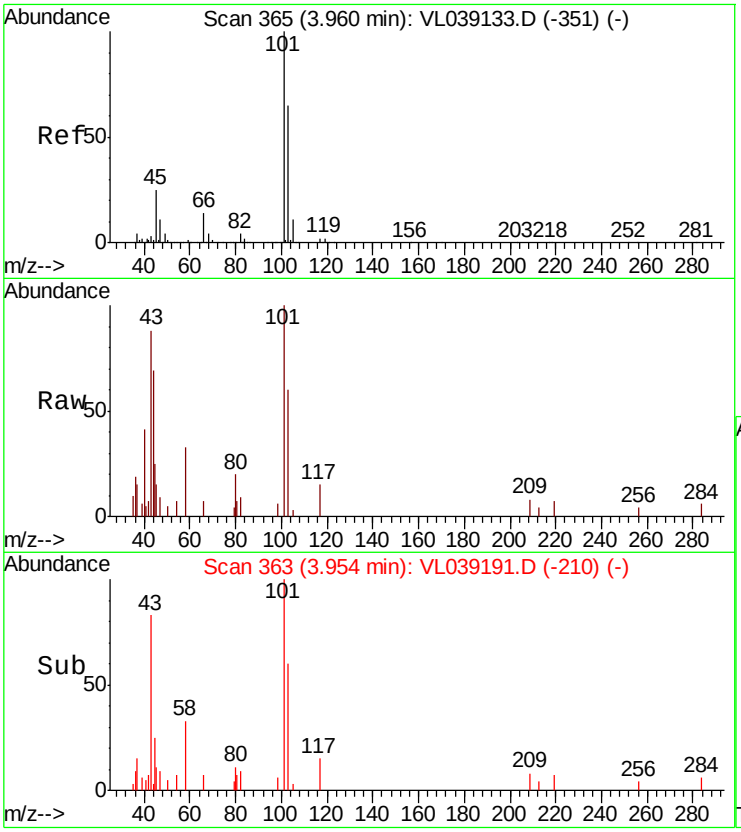


#10
Heptane
Concen: 0.039 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VL039191.D
Acq: 6 Jun 2022 19:19

Tgt Ion: 43 Resp: 5854

Ion	Ratio	Lower	Upper
43	100		
57	0.0	41.4	62.2#



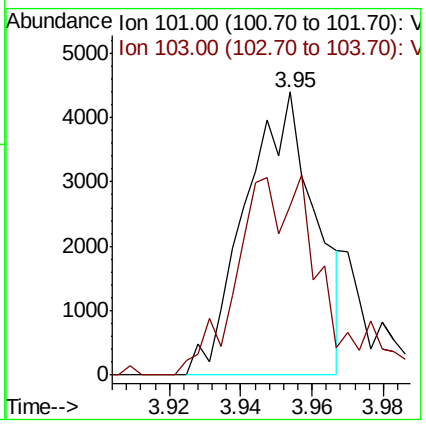


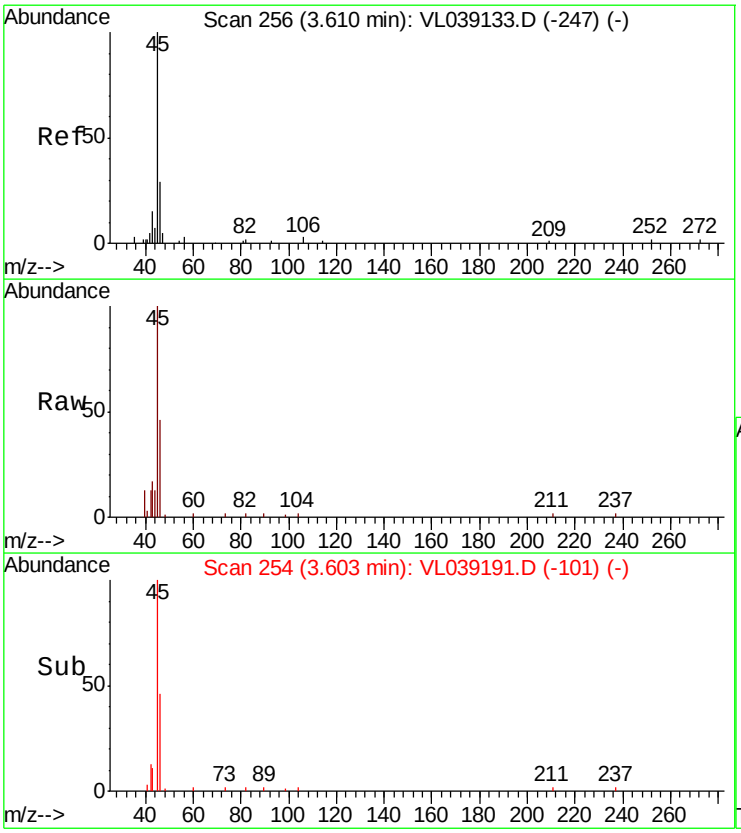
#11
Trichlorofluoromethane
Concen: 0.032 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 6 Jun 2022 19:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 5961

Ion	Ratio	Lower	Upper
101	100		
103	54.7	51.7	77.5

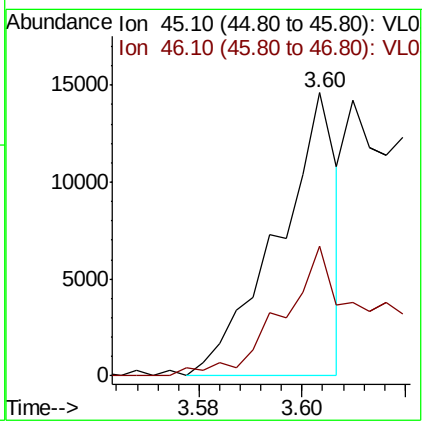


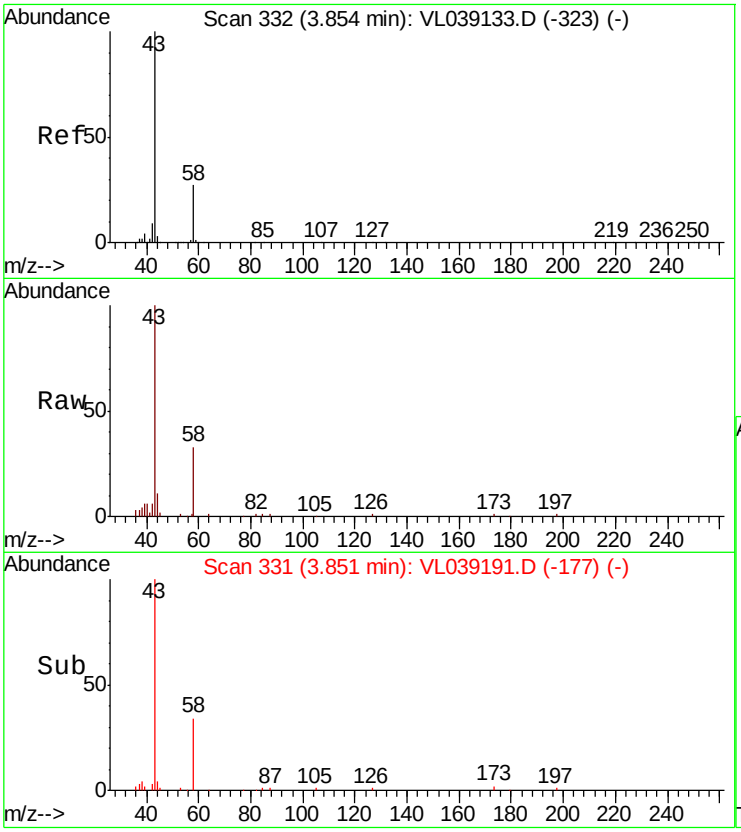


#13
Ethanol
Concen: 3.261 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.01 min
Lab File: VL039191.D
Acq: 6 Jun 2022 19:19

Tgt Ion: 45 Resp: 11579

Ion	Ratio	Lower	Upper
45	100		
46	111.4	0.0	0.0#



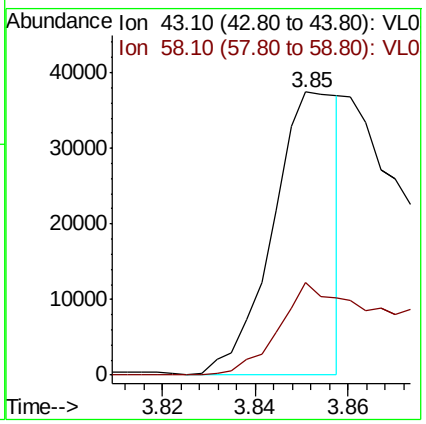


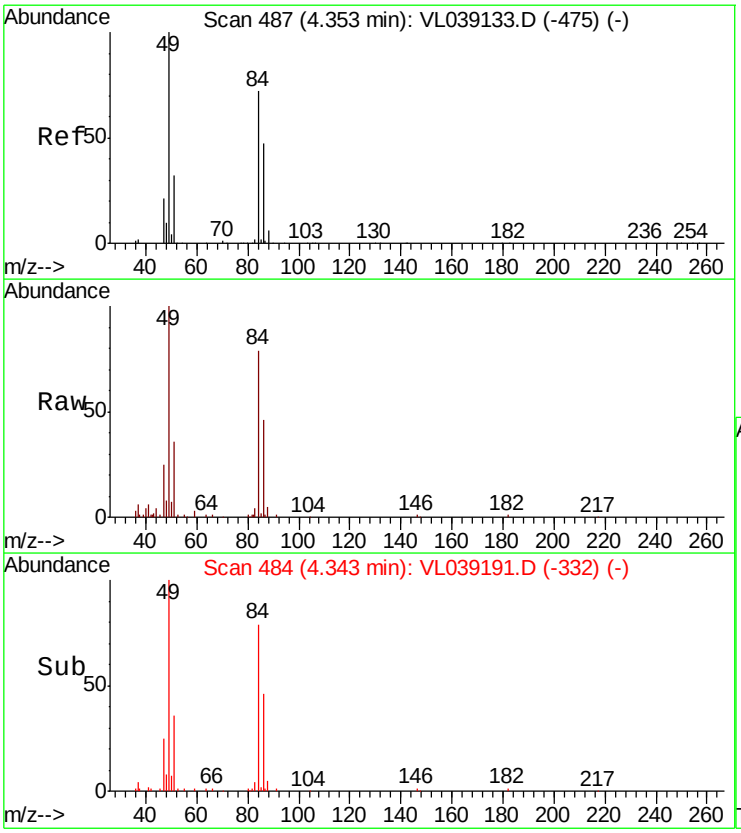
#15
Acetone
Concen: 0.301 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 6 Jun 2022 19:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 36853

Ion	Ratio	Lower	Upper
43	100		
58	80.0	22.5	33.7#

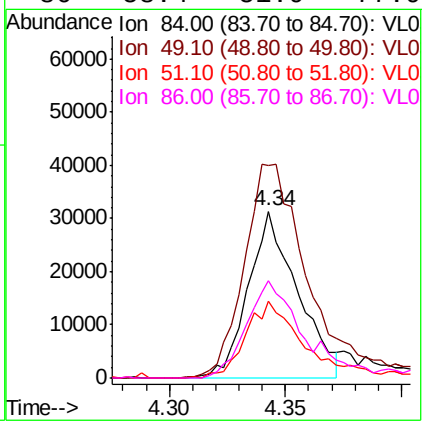


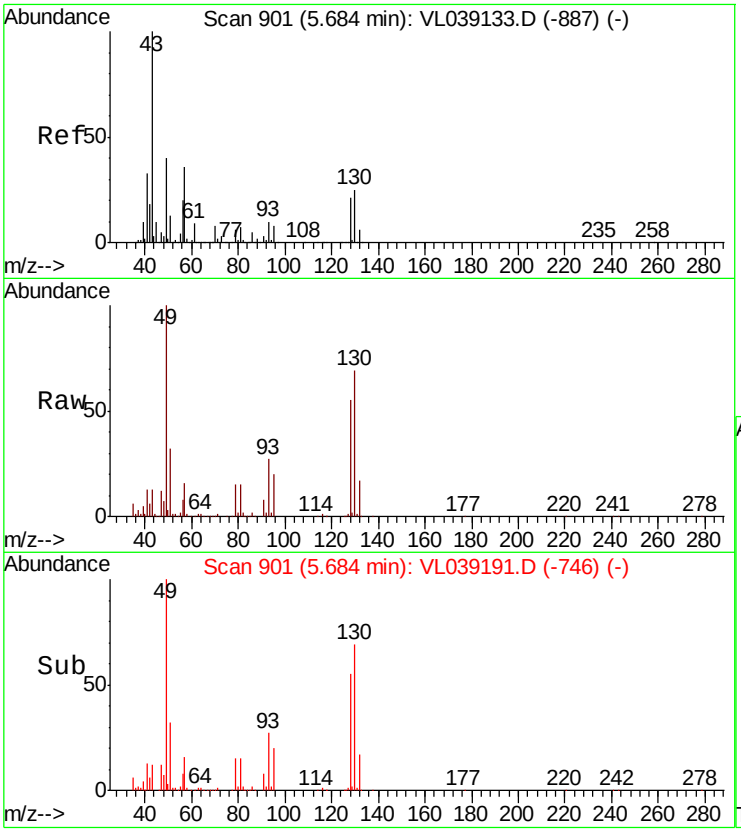


#20
Methylene Chloride
Concen: 0.898 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL039191.D
Acq: 6 Jun 2022 19:19

Tgt Ion: 84 Resp: 46281

Ion	Ratio	Lower	Upper
84	100		
49	126.6	111.1	166.7
51	46.2	35.3	52.9
86	58.4	51.9	77.9



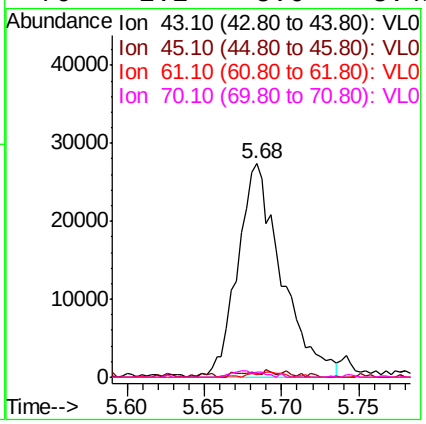


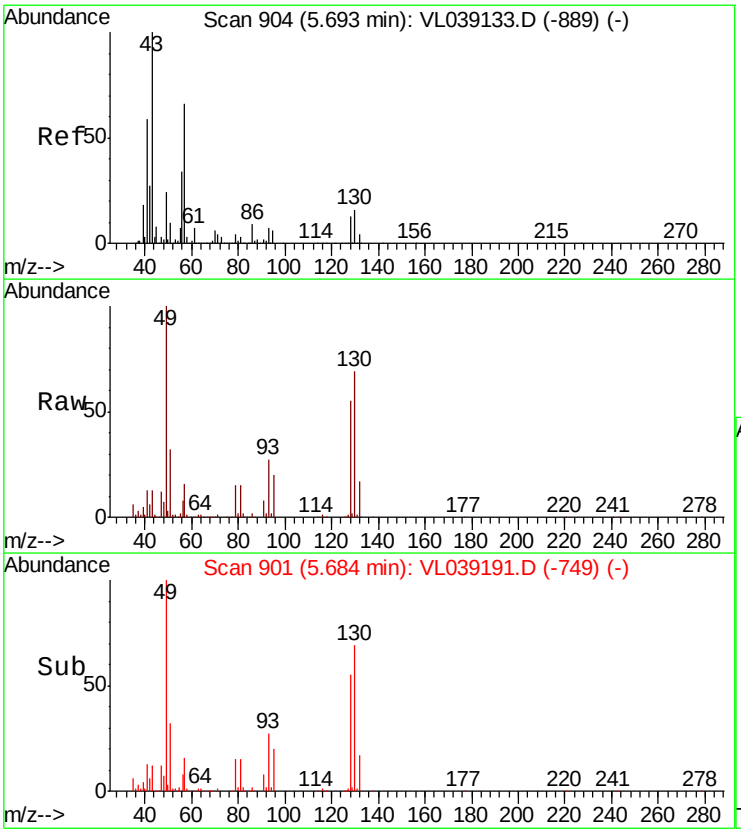
#25
Ethyl Acetate
Concen: 0.196 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 6 Jun 2022 19:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 53987

Ion	Ratio	Lower	Upper
43	100		
45	3.7	8.2	12.2#
61	2.1	8.4	12.6#
70	2.2	5.6	8.4#

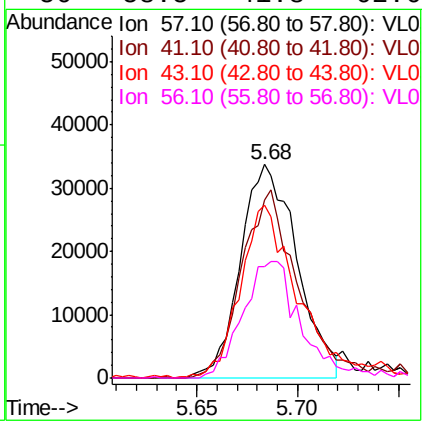


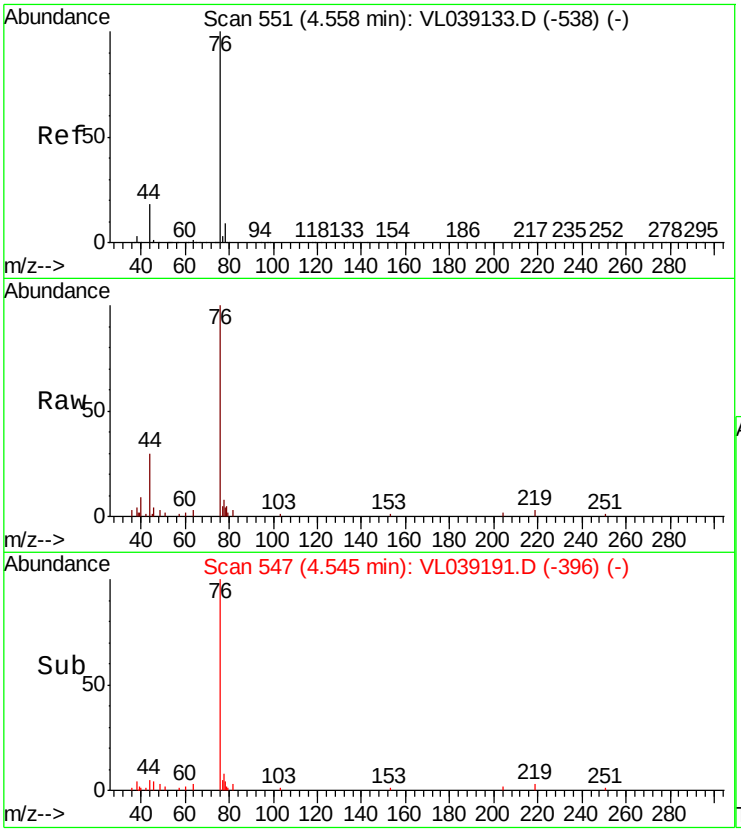


#26
Hexane
Concen: 0.546 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL039191.D
Acq: 6 Jun 2022 19:19

Tgt Ion: 57 Resp: 66048

Ion	Ratio	Lower	Upper
57	100		
41	91.5	72.4	108.6
43	84.9	187.0	280.6#
56	58.5	41.8	62.6



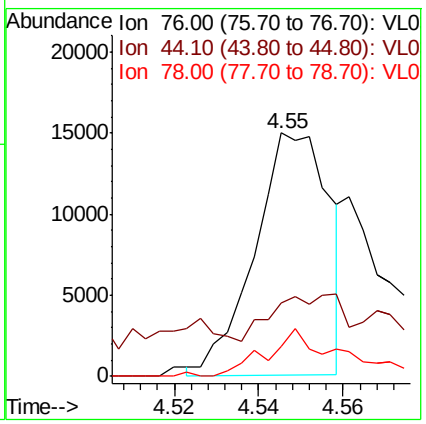


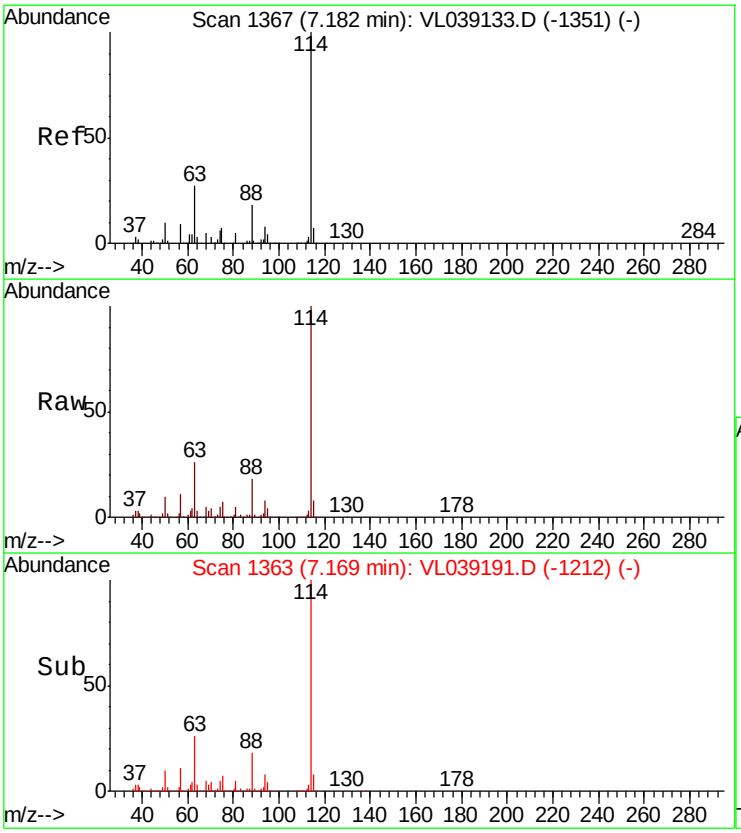
#27
Carbon Disulfide
Concen: 0.146 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 6 Jun 2022 19:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 18335

Ion	Ratio	Lower	Upper
76	100		
44	0.0	14.4	21.6#
78	24.8	7.7	11.5#

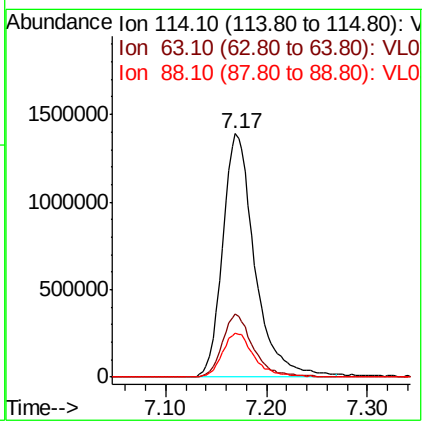


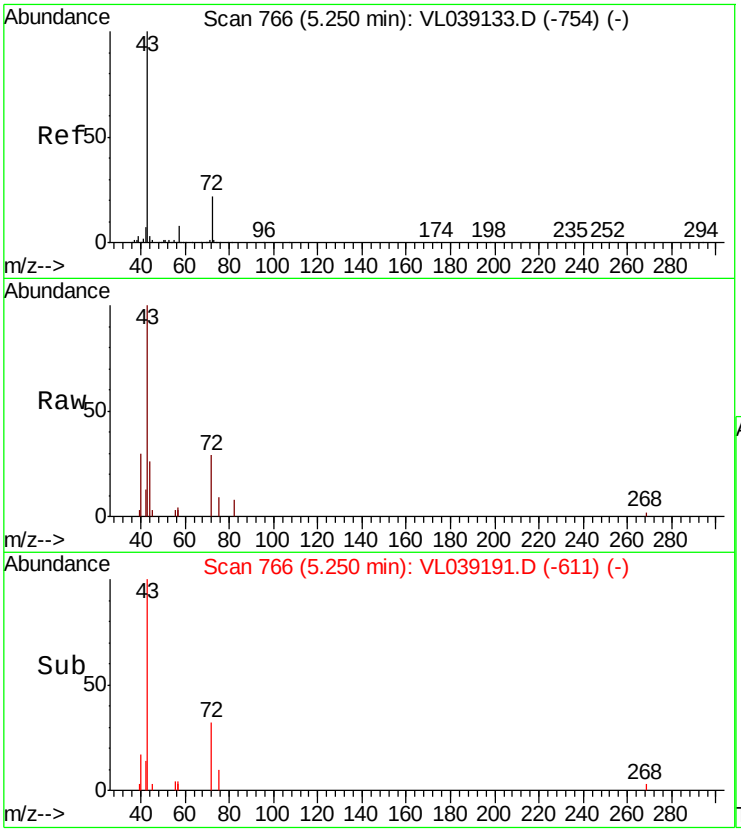


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL039191.D
Acq: 6 Jun 2022 19:19

Tgt Ion:114 Resp: 3086334

Ion	Ratio	Lower	Upper
114	100		
63	25.3	21.7	32.5
88	18.3	14.8	22.2



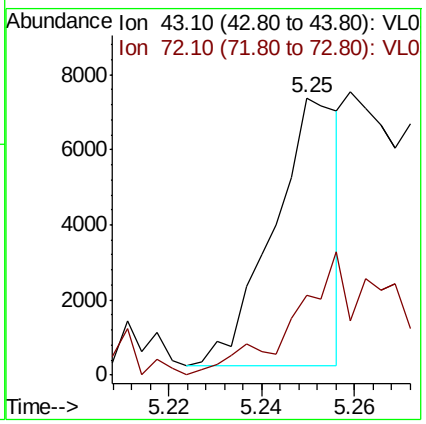


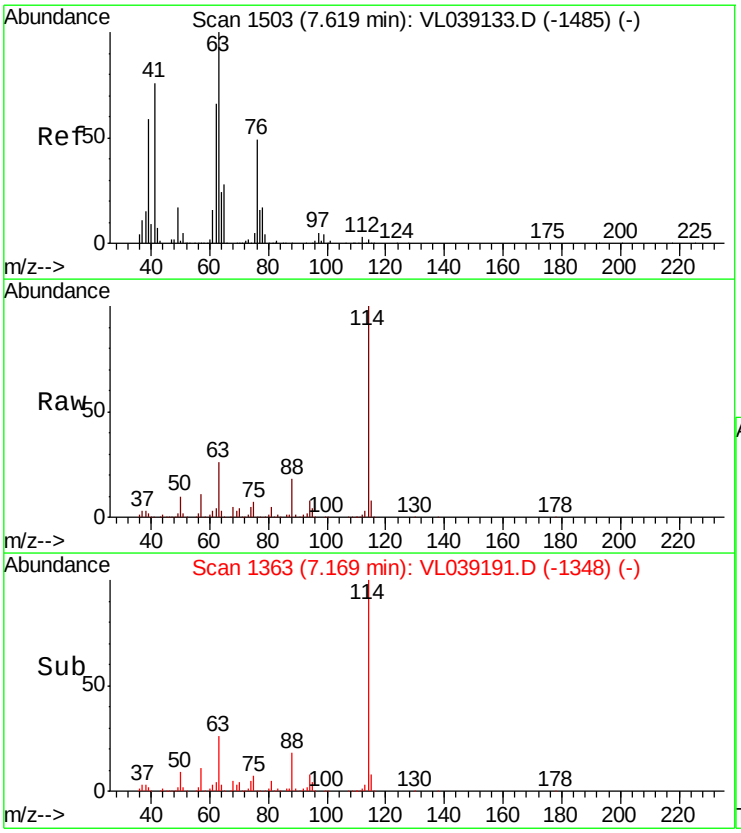
#34
2-Butanone
Concen: 0.041 ppbv
RT: 5.25
Delta R.T
Lab File:
Acq: 6 Jun 2022 19:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 6946

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#

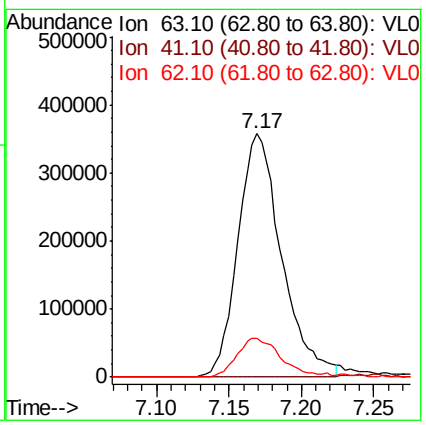


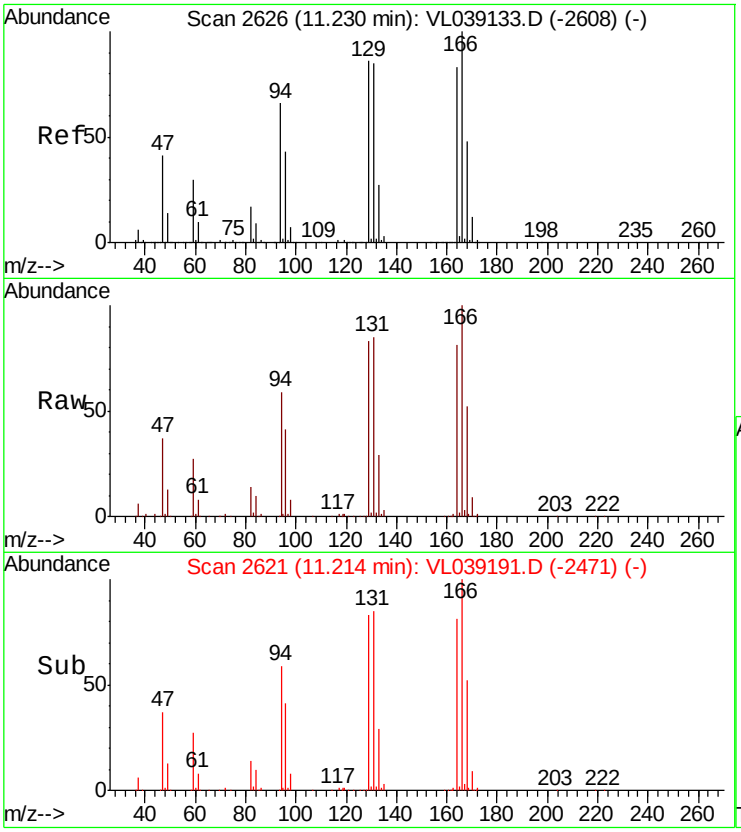


#39
1,2-Dichloropropane
Concen: 7.523 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.45 min
Lab File: VL039191.D
Acq: 6 Jun 2022 19:19

Tgt Ion: 63 Resp: 749733

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



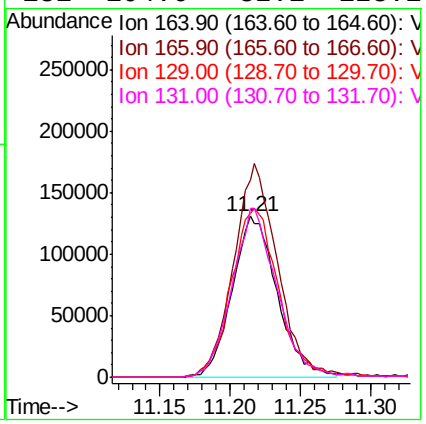


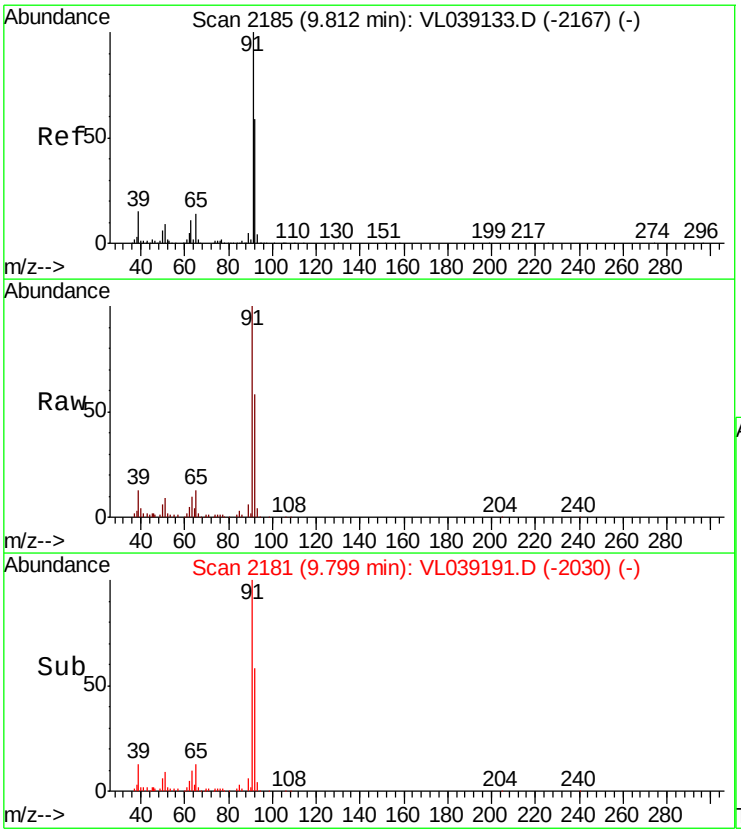
#52
Tetrachloroethene
Concen: 2.959 ppbv
RT: 11.21
Delta R.T
Lab File:
Acq: 6 Jun 2022 19:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 289491

Ion	Ratio	Lower	Upper
164	100		
166	122.4	96.3	144.5
129	101.4	82.5	123.7
131	104.6	82.1	123.1

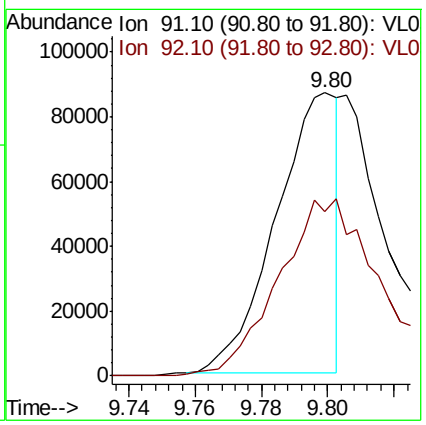


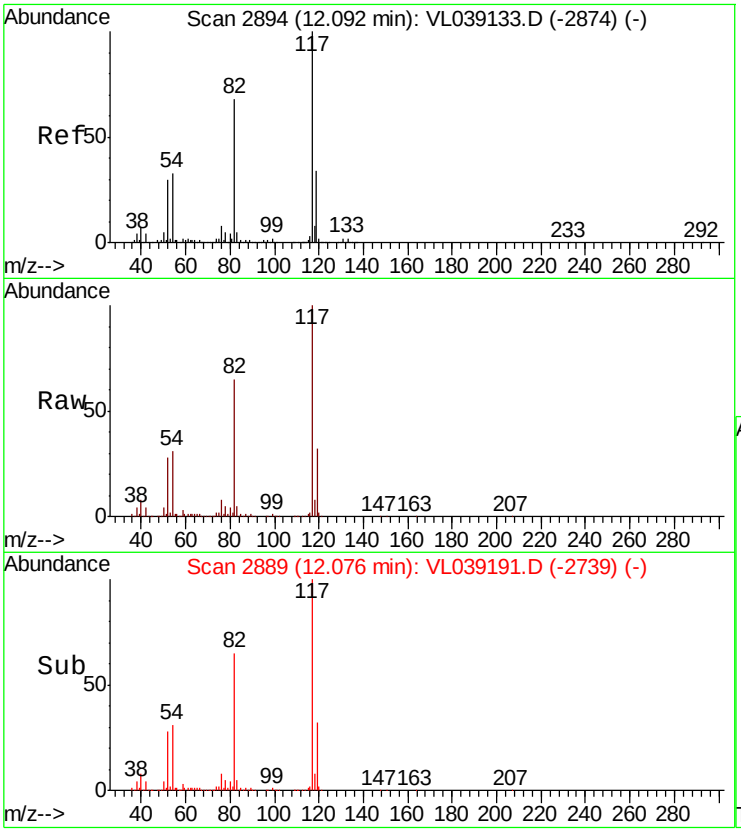


#53
Toluene
Concen: 0.389 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. -0.01 min
Lab File: VL039191.D
Acq: 6 Jun 2022 19:19

Tgt Ion: 91 Resp: 112144

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.1	72.1#



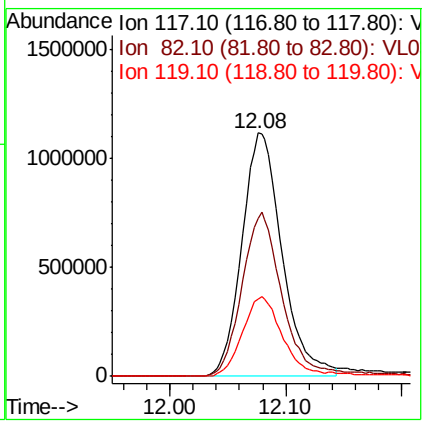


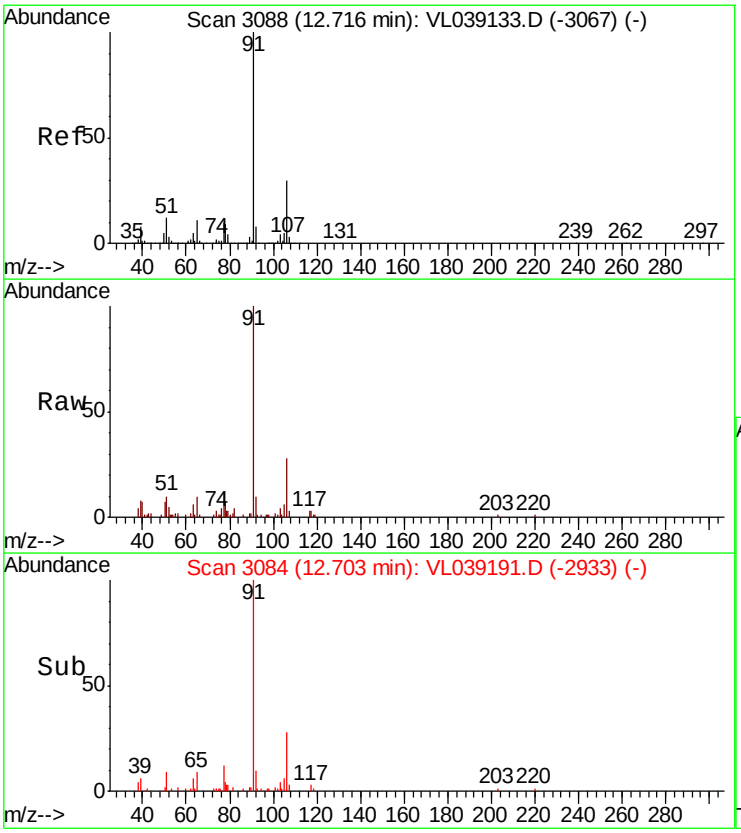
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 6 Jun 2022 19:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2695733

Ion	Ratio	Lower	Upper
117	100		
82	69.0	55.1	82.7
119	34.3	24.7	37.1

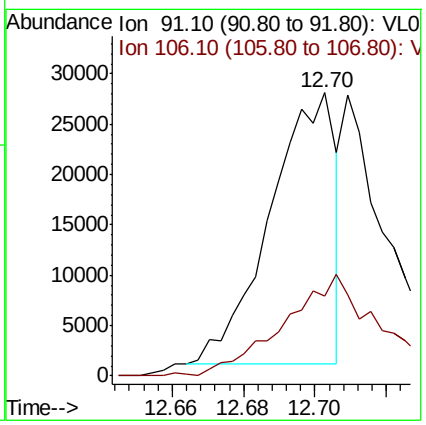


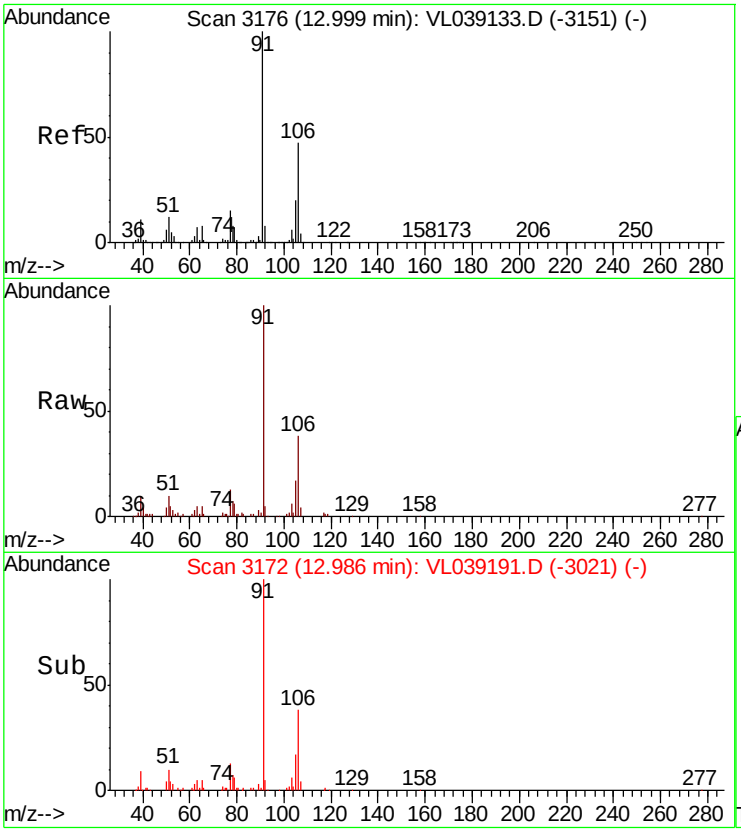


#58
Ethyl Benzene
Concen: 0.092 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.01 min
Lab File: VL039191.D
Acq: 6 Jun 2022 19:19

Tgt Ion: 91 Resp: 34045

Ion	Ratio	Lower	Upper
91	100		
106	28.7	24.2	36.4



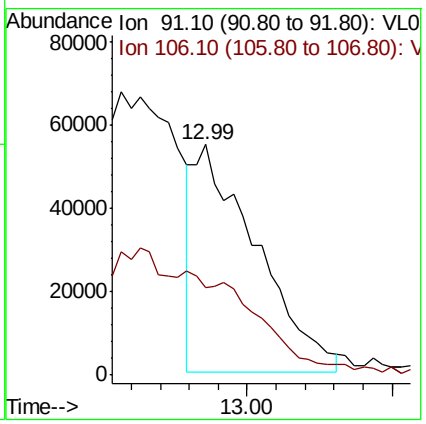


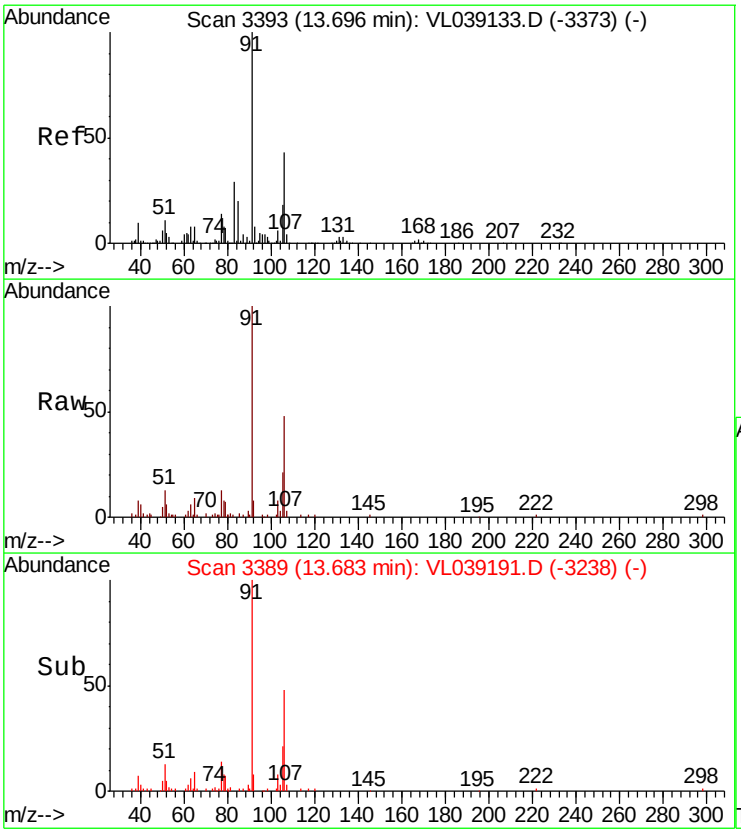
#59
m/p-Xylene
Concen: 0.251 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 6 Jun 2022 19:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 82031

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.3	51.5#

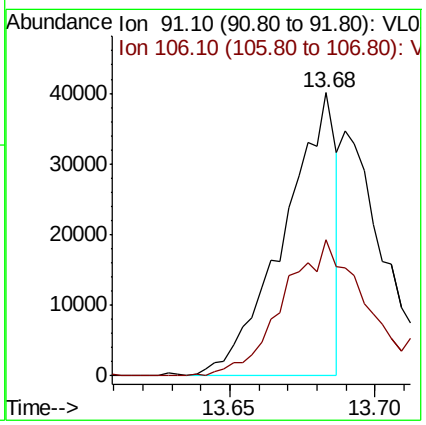


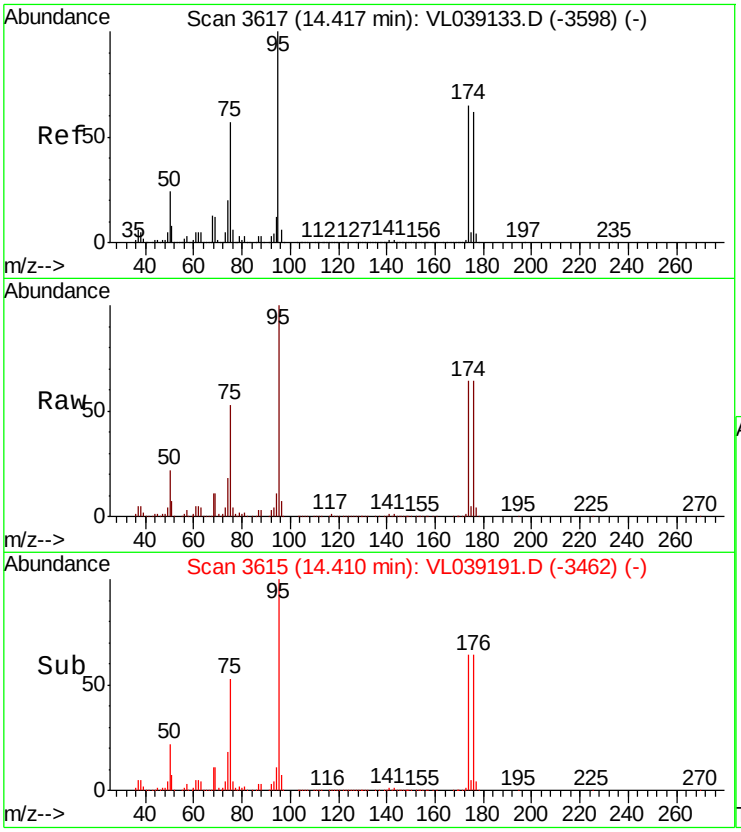


#60
o-Xylene
Concen: 0.163 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL039191.D
Acq: 6 Jun 2022 19:19

Tgt Ion: 91 Resp: 50061

Ion	Ratio	Lower	Upper
91	100		
106	78.4	22.3	66.9#



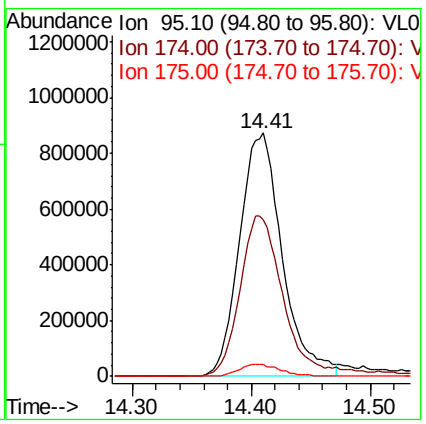


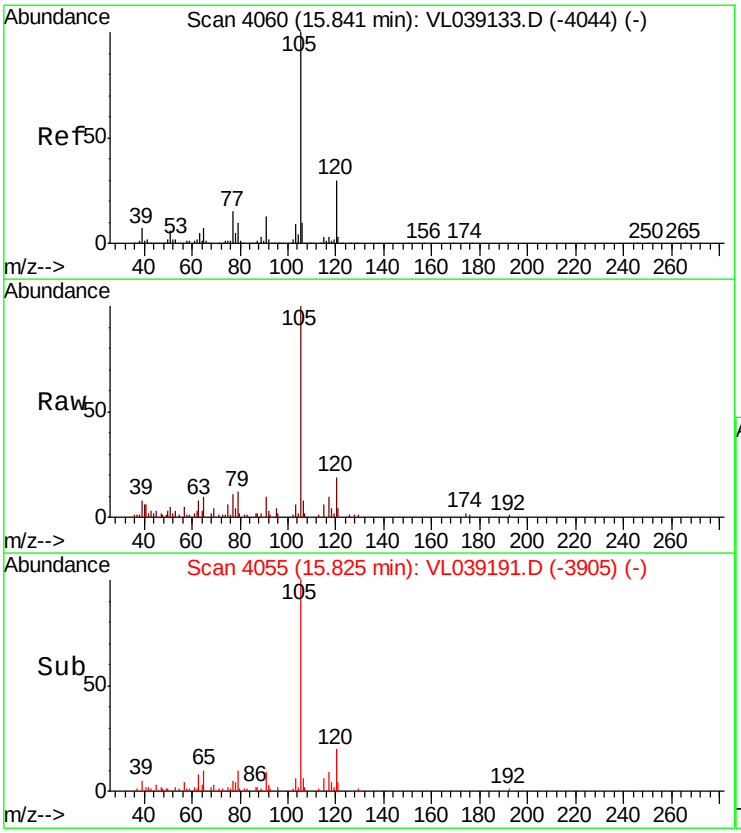
#68
1-Bromo-4-Fluorobenzene
Concen: 9.741 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 6 Jun 2022 19:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2170917

Ion	Ratio	Lower	Upper
95	100		
174	70.4	53.8	80.8
175	4.9	4.1	6.1

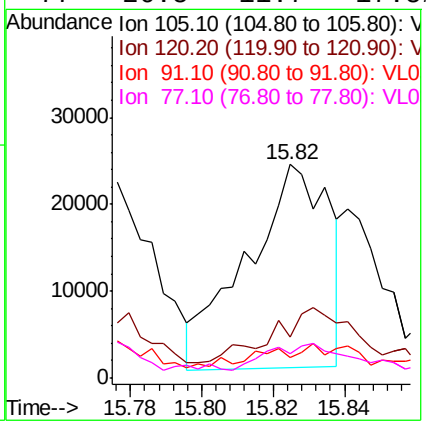


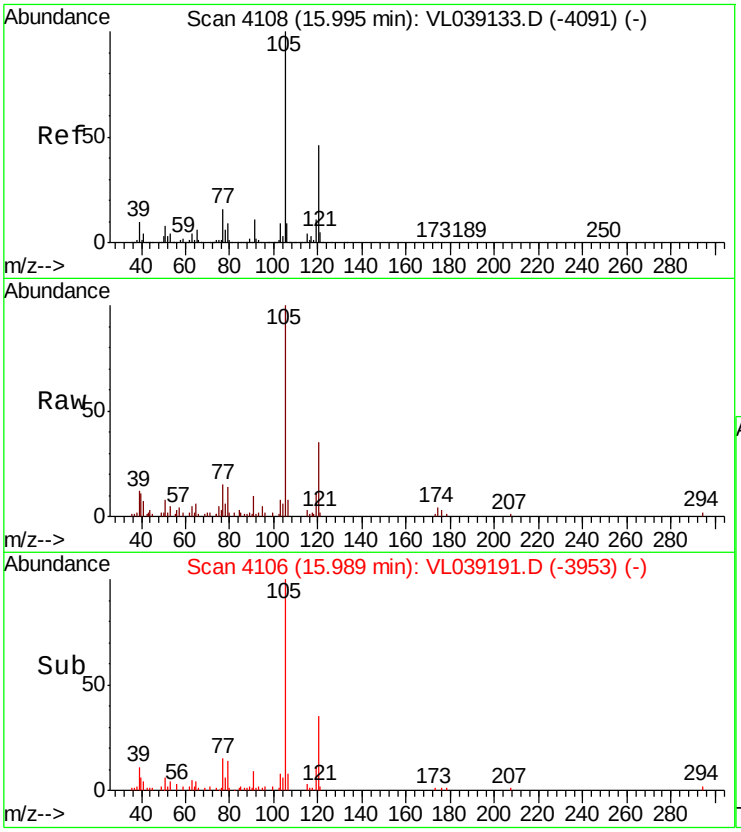


#72
4-Ethyltoluene
Concen: 0.104 ppbv
RT: 15.82 min Scan# 4055
Delta R.T. -0.02 min
Lab File: VL039191.D
Acq: 6 Jun 2022 19:19

Tgt Ion:105 Resp: 37454

Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.9	35.9#
91	29.0	10.6	16.0#
77	26.5	11.7	17.5#



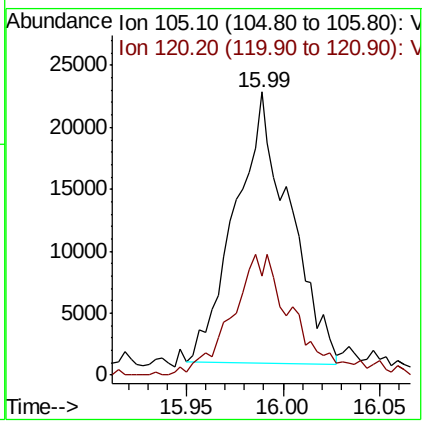


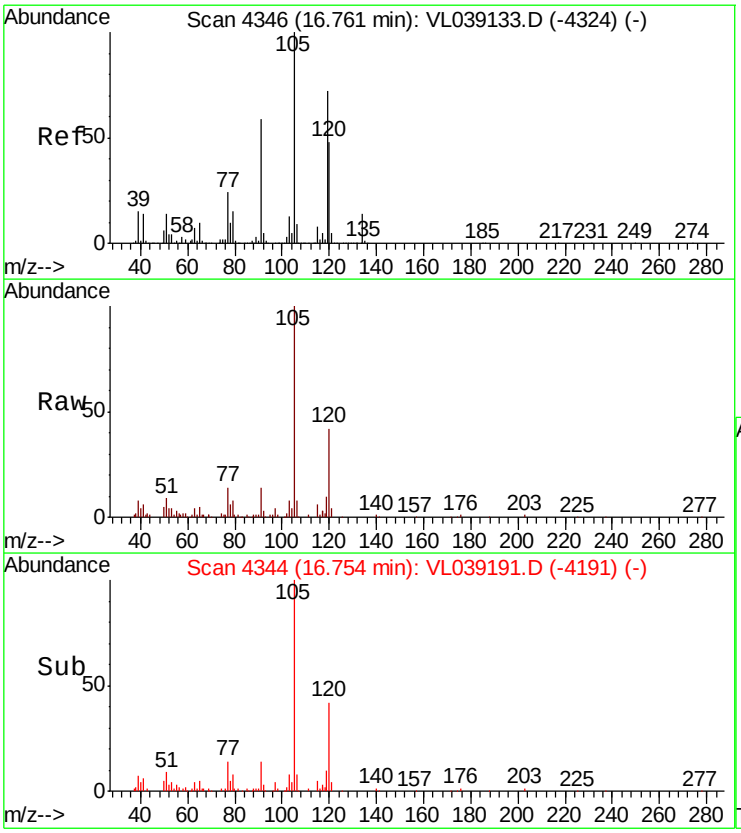
#73
1,3,5-Trimethylbenzene
Concen: 0.133 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 6 Jun 2022 19:19

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 43050

Ion	Ratio	Lower	Upper
105	100		
120	35.7	36.7	55.1#





#74
1,2,4-Trimethylbenzene
Concen: 0.497 ppbv
RT: 16.75 min Scan# 4344
Delta R.T. -0.01 min
Lab File: VL039191.D
Acq: 6 Jun 2022 19:19

Tgt Ion:105 Resp: 180089

Ion	Ratio	Lower	Upper
105	100		
120	42.4	38.1	57.1
91	13.8	47.4	71.0#
77	12.9	19.5	29.3#