Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
Data File : VL039136.D
Acq On : 31 May 2022 18:19
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: May 31 19:52:47 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 31 17:05:54 2022
QLast Update : Tue May 31 17:05:54 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1287040	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3292148	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	2886299	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2444672	10.70	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 107.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	127026	0.63	ppbv		98
3) Chlorodifluoromethane	3.00	51	90626	0.57	ppbv		99
4) Chloromethane	3.15	50	45510	0.57	ppbv		93
5) Vinyl Chloride	3.27	62	42034	0.58	ppbv		89
6) Bromomethane	3.48	94	21508	0.62	ppbv		86
7) Chloroethane	3.56	64	12882	0.53	ppbv	#	87
8) Dichlorotetrafluoroethane	3.20	85	108763	0.60	ppbv		88
9) Propene	3.02	41	42995	0.62	ppbv		99
10) Heptane	8.12	43	82785	0.48	ppbv		91
11) Trichlorofluoromethane	3.96	101	55215	0.32	ppbv		93
12) 1,1,2-Trichlorotrifluoroet	4.49	101	74209	0.62	ppbv		95
13) Ethanol	3.62	45	1357	0.27	ppbv	#	100
14) Bromoethene	3.75	108	30181	0.61	ppbv	#	81
15) Acetone	3.87	43	27916	0.23	ppbv	#	47
16) 1,3-Butadiene	3.34	39	34633	0.50	ppbv		82
17) tert-Butyl alcohol	4.31	59	53499	0.57	ppbv		99
18) 1,1-Dichloroethene	4.30	96	26975	0.53	ppbv		89
19) Isopropyl Alcohol	3.98	45	22982	0.40	ppbv	#	85
20) Methylene Chloride	4.35	84	33476	0.73	ppbv	#	95
21) Allyl Chloride	4.42	41	30195	0.36	ppbv	#	36
22) trans-1,2-Dichloroethene	4.90	96	30087	0.54	ppbv	#	63
23) Vinyl Acetate	5.09	43	49007	0.51	ppbv	#	91
24) 1,1-Dichloroethane	5.02	63	85024	0.77	ppbv		97
25) Ethyl Acetate	5.69	43	75025	0.26	ppbv	#	68
26) Hexane	5.69	57	70094	0.54	ppbv		93
27) Carbon Disulfide	4.56	76	37789	0.31	ppbv	#	58
28) Methyl tert-Butyl Ether	5.05	73	43452	0.44	ppbv	#	64
29) Chloroform	5.76	83	120315	0.58	ppbv		90
30) Cyclohexane	7.14	84	52490	0.49	ppbv		93
31) cis-1,2-Dichloroethene	5.56	61	61941	0.47	ppbv	#	90
32) 1,1,1-Trichloroethane	6.52	97	114890	0.55	ppbv		96
34) 2-Butanone	5.26	43	87893	0.52	ppbv		96
35) Carbon Tetrachloride	7.03	117	122811	0.57	ppbv	#	85
36) Benzene	6.90	78	134516	0.48	ppbv		96
37) 1,2-Dichloroethane	6.31	62	85864	0.49	ppbv		98
38) Trichloroethene	7.84	130	63691	0.51	ppbv	#	87
39) 1,2-Dichloropropane	7.62	63	54192	0.49	ppbv		89
41) Tetrahydrofuran	6.08	42	33499	0.30	ppbv	#	36
42) Bromodichloromethane	7.80	83	119997	0.50	ppbv		99
43) Methyl Methacrylate	8.02	69	47826	0.42	ppbv		96
44) 2,2,4-Trimethylpentane	7.87	57	239890	0.49	ppbv		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
Data File : VL039136.D
Acq On : 31 May 2022 18:19
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: May 31 19:52:47 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 31 17:05:54 2022
QLast Update : Tue May 31 17:05:54 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) t-1,3-Dichloropropene	9.28	75	41446	0.37	ppbv		94
46) cis-1,3-Dichloropropene	8.71	75	37884	0.26	ppbv		97
47) 1,1,2-Trichloroethane	9.48	97	53801	0.47	ppbv		96
48) Dibromochloromethane	10.31	129	88265	0.48	ppbv		94
49) Bromoform	13.04	173	72615	0.51	ppbv		98
50) 4-Methyl-2-Pentanone	8.76	43	119104	0.40	ppbv		94
51) 2-Hexanone	10.16	43	23194	0.11	ppbv	#	28
52) Tetrachloroethene	11.23	164	47061	0.47	ppbv		98
53) Toluene	9.81	91	147665	0.47	ppbv		99
54) 1,2-Dibromoethane	10.61	107	70168	0.45	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.13	131	73849	0.58	ppbv	#	1
57) Chlorobenzene	12.15	112	110171	0.51	ppbv		91
58) Ethyl Benzene	12.72	91	205037	0.49	ppbv		95
59) m/p-Xylene	13.00	91	198082	0.56	ppbv	#	44
60) o-Xylene	13.69	91	170643	0.51	ppbv		99
61) Styrene	13.53	104	50348	0.28	ppbv	#	46
62) Isopropylbenzene	14.67	105	262321	0.54	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.68	83	56856	0.29	ppbv	#	44
64) n-propylbenzene	15.56	120	59928	0.51	ppbv		74
65) tert-Butylbenzene	16.74	119	120884	0.28	ppbv	#	18
66) Benzyl Chloride	16.98	91	3866	0.07	ppbv	#	1
67) sec-Butylbenzene	17.29	105	310366	0.51	ppbv		100
69) p-Isopropyltoluene	17.65	119	266033	0.54	ppbv		98
70) n-Butylbenzene	18.55	91	254998	0.49	ppbv		99
71) 2-Chlorotoluene	15.46	91	192795	0.51	ppbv		100
72) 4-Ethyltoluene	15.84	105	87782	0.23	ppbv	#	42
73) 1,3,5-Trimethylbenzene	16.00	105	172215	0.50	ppbv		94
74) 1,2,4-Trimethylbenzene	16.76	105	200717	0.54	ppbv	#	90
75) 1,3-Dichlorobenzene	16.99	146	110295	0.54	ppbv		94
76) 1,4-Dichlorobenzene	17.13	146	54654	0.27	ppbv	#	20
77) 1,2-Dichlorobenzene	17.82	146	68688	0.34	ppbv	#	42
78) Hexachloro-1,3-Butadiene	23.37	225	110088	0.59	ppbv		95
79) Naphthalene	22.20	128	102813	0.34	ppbv		97
80) Naphthalene,2-methyl-	24.97	142	22282	0.24	ppbv		95
81) 1,2,4-Trichlorobenzene	21.93	180	17472	0.10	ppbv	#	100

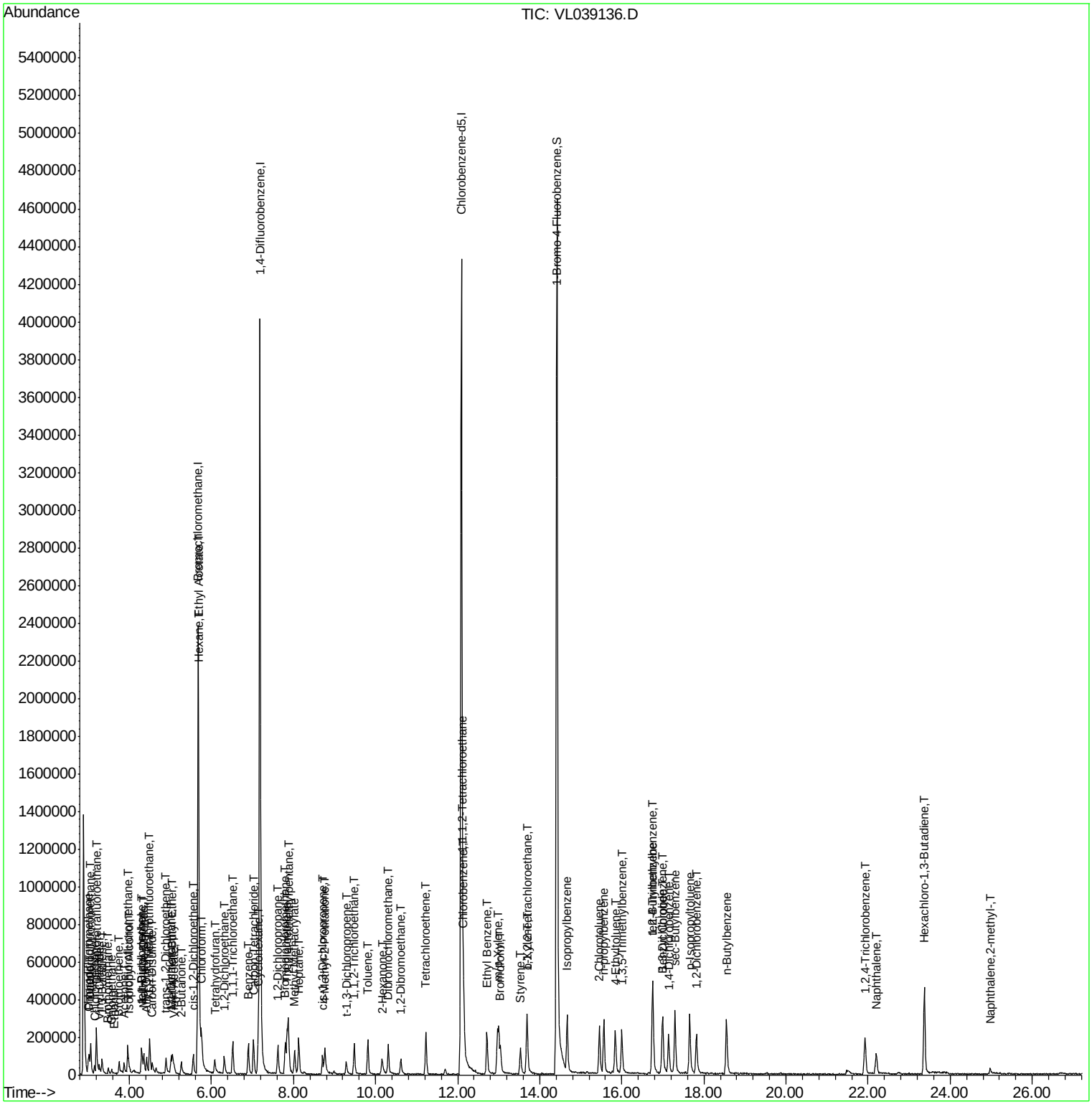
(#) = qualifier out of range (m) = manual integration (+) = signals summed

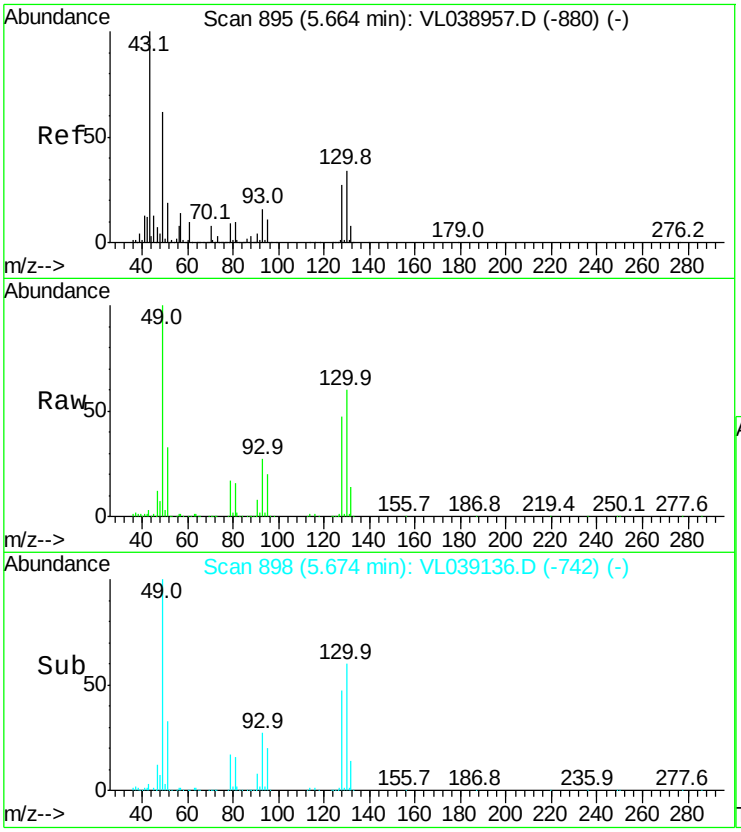
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
Data File : VL039136.D
Acq On : 31 May 2022 18:19
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: May 31 19:52:47 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 31 17:05:54 2022
QLast Update : Tue May 31 17:05:54 2022
Response via : Initial Calibration



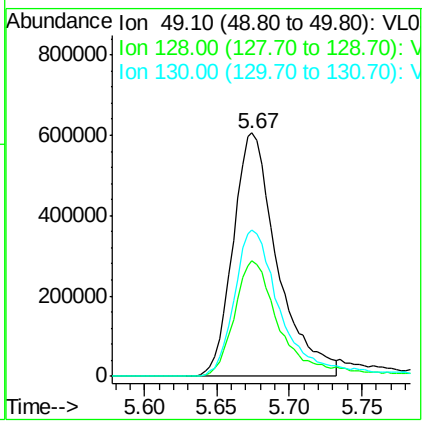


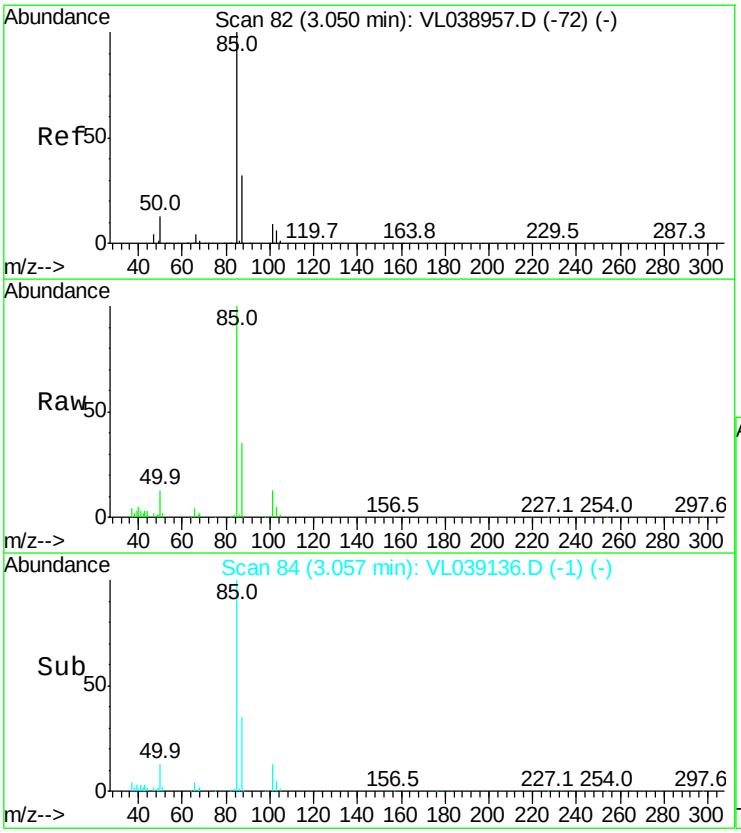
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1287040

Ion	Ratio	Lower	Upper
49	100		
128	51.3	24.7	74.1
130	66.2	31.4	94.0

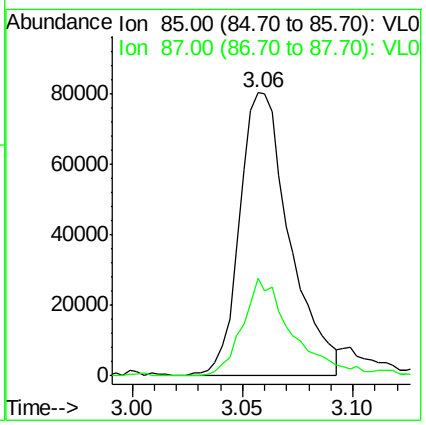


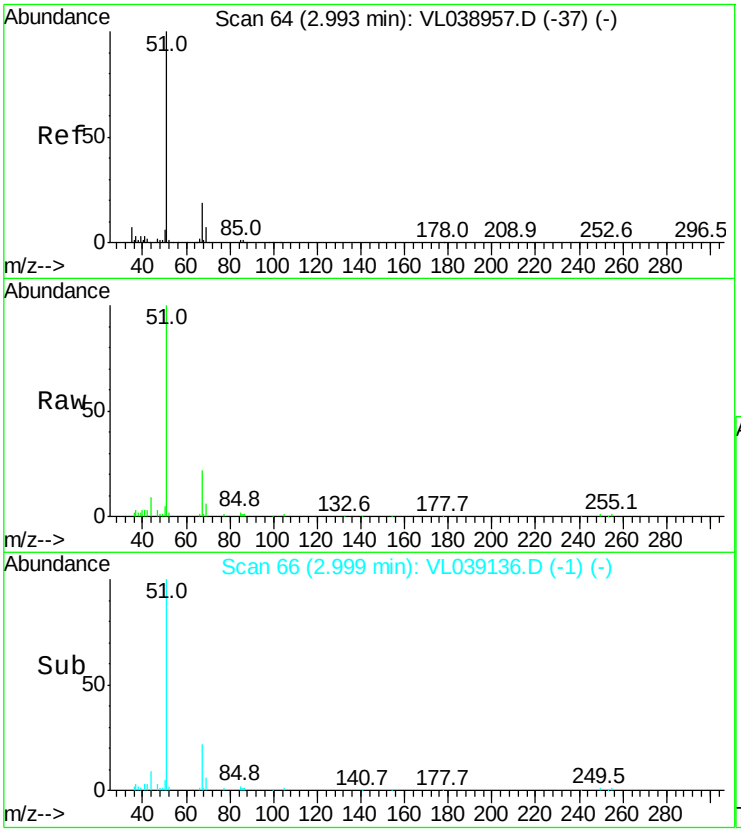


#2
Dichlorodifluoromethane
Concen: 0.63 ppbv
RT: 3.06 min Scan# 84
Delta R.T. -0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 85 Resp: 127026

Ion	Ratio	Lower	Upper
85	100		
87	34.7	26.9	40.3



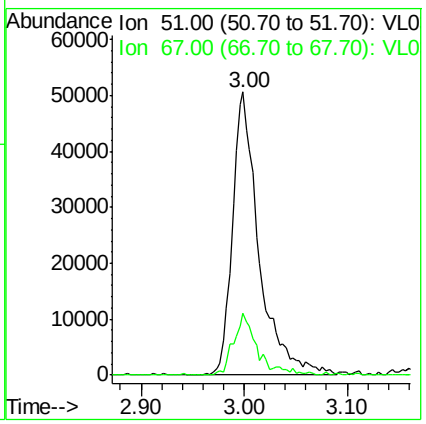


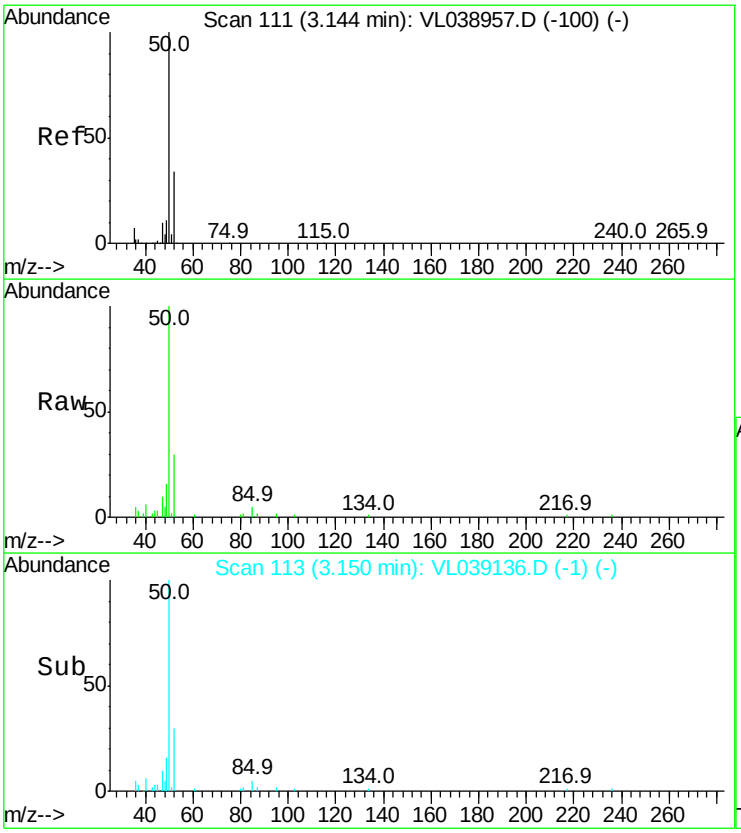
#3
Chlorodifluoromethane
Concen: 0.57 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 90626

Ion	Ratio	Lower	Upper
51	100		
67	19.7	16.2	24.4

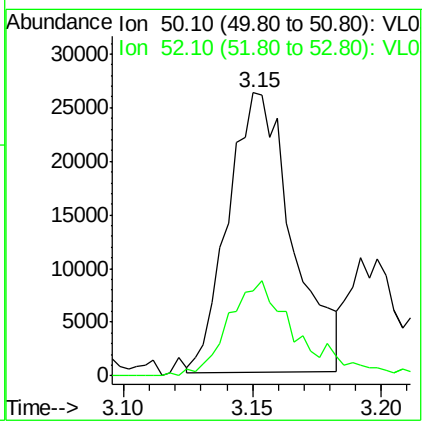


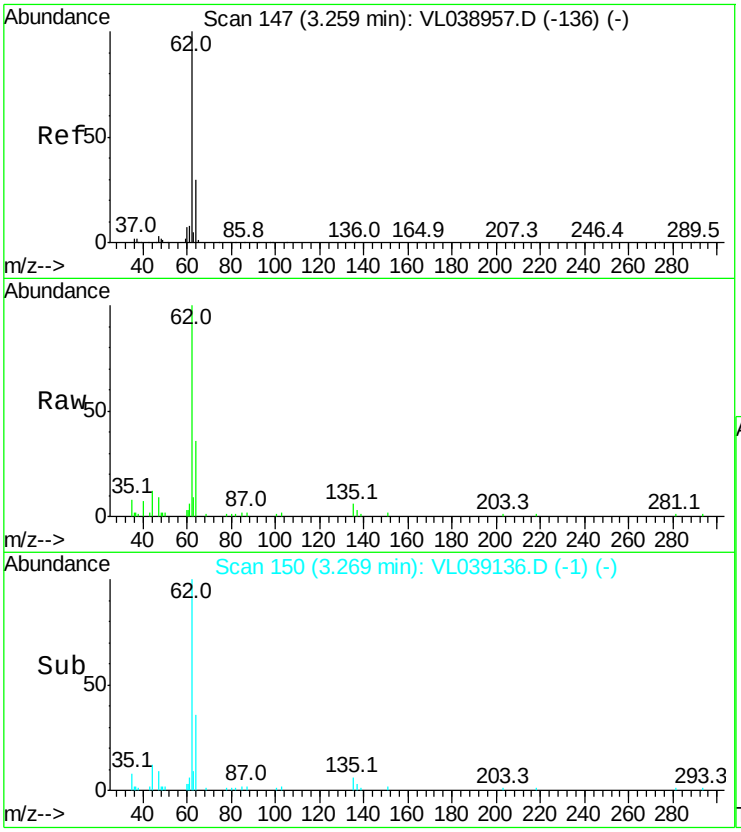


#4
Chloromethane
Concen: 0.57 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 50 Resp: 45510

Ion	Ratio	Lower	Upper
50	100		
52	28.2	25.9	38.9



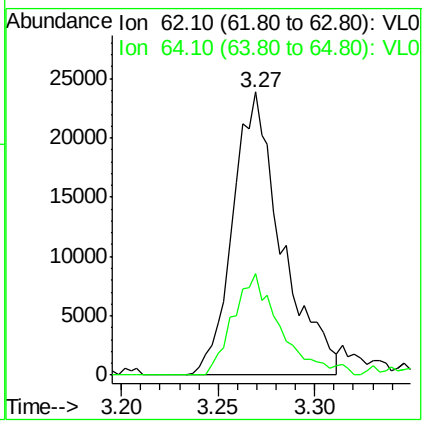


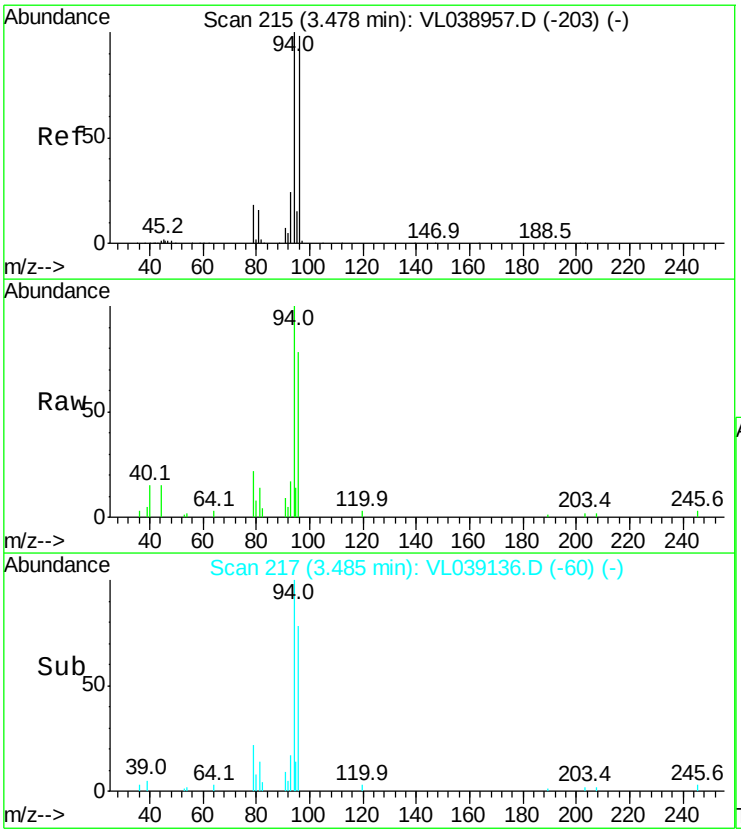
#5
Vinyl Chloride
Concen: 0.58 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 42034

Ion	Ratio	Lower	Upper
62	100		
64	36.1	24.2	36.2

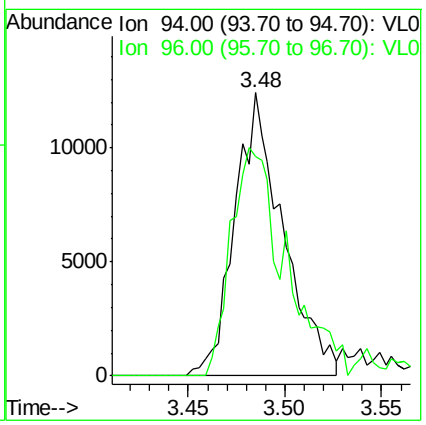


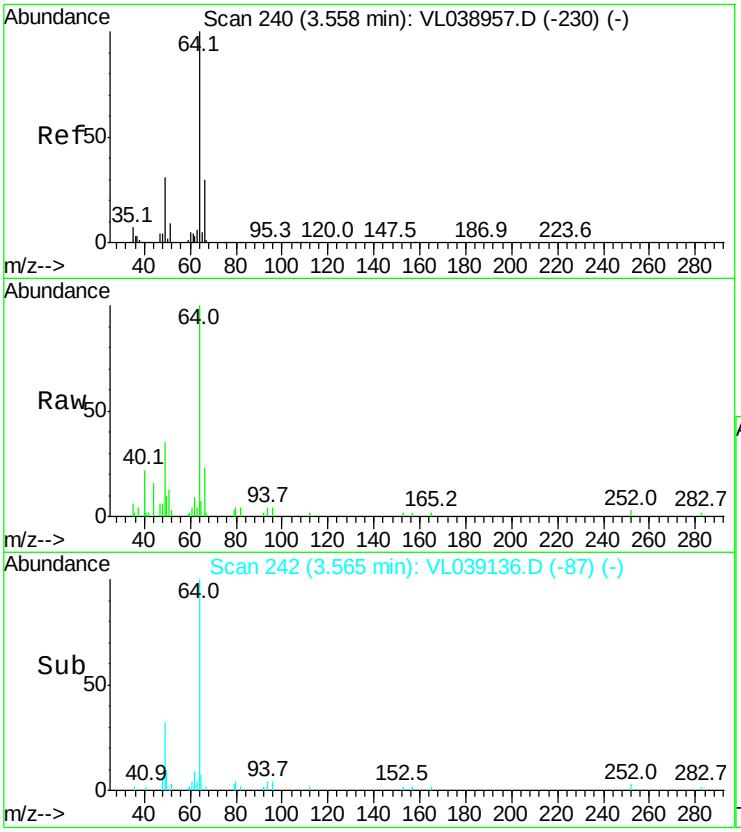


#6
Bromomethane
Concen: 0.62 ppbv
RT: 3.48 min Scan# 217
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 94 Resp: 21508

Ion	Ratio	Lower	Upper
94	100		
96	77.7	73.0	109.4



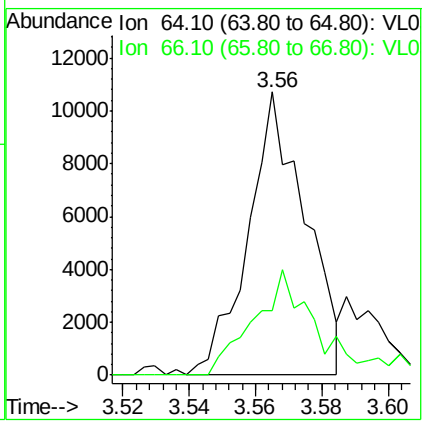


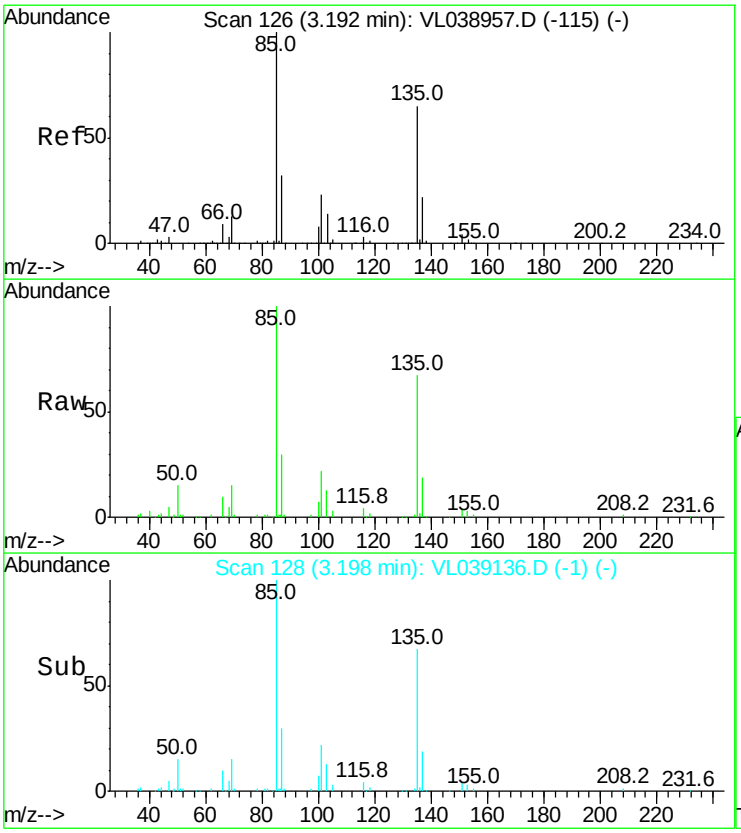
#7
Chloroethane
Concen: 0.53 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 12882

Ion	Ratio	Lower	Upper
64	100		
66	22.6	23.6	35.4#

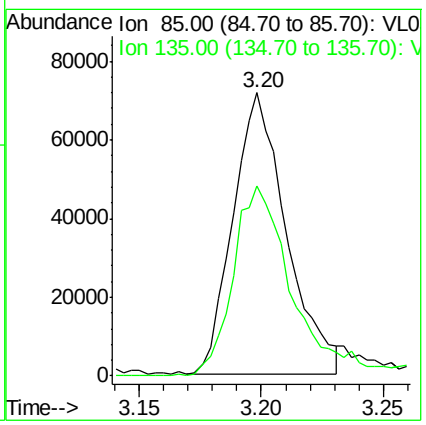


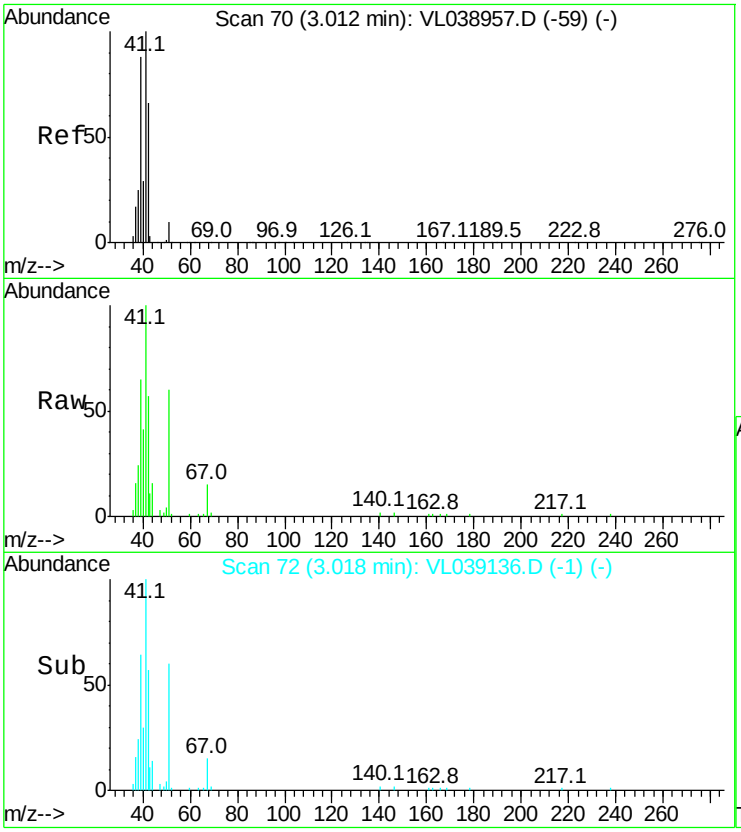


#8
Dichlorotetrafluoroethane
Concen: 0.60 ppbv
RT: 3.20 min Scan# 128
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 85 Resp: 108763

Ion	Ratio	Lower	Upper
85	100		
135	78.1	55.0	82.4



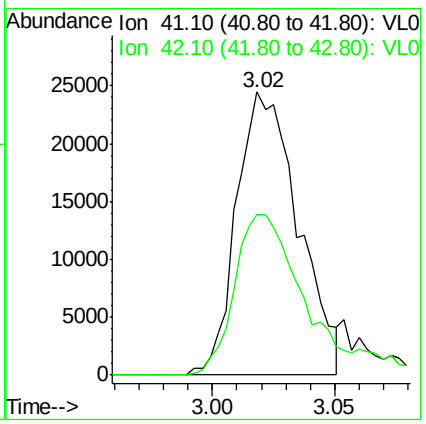


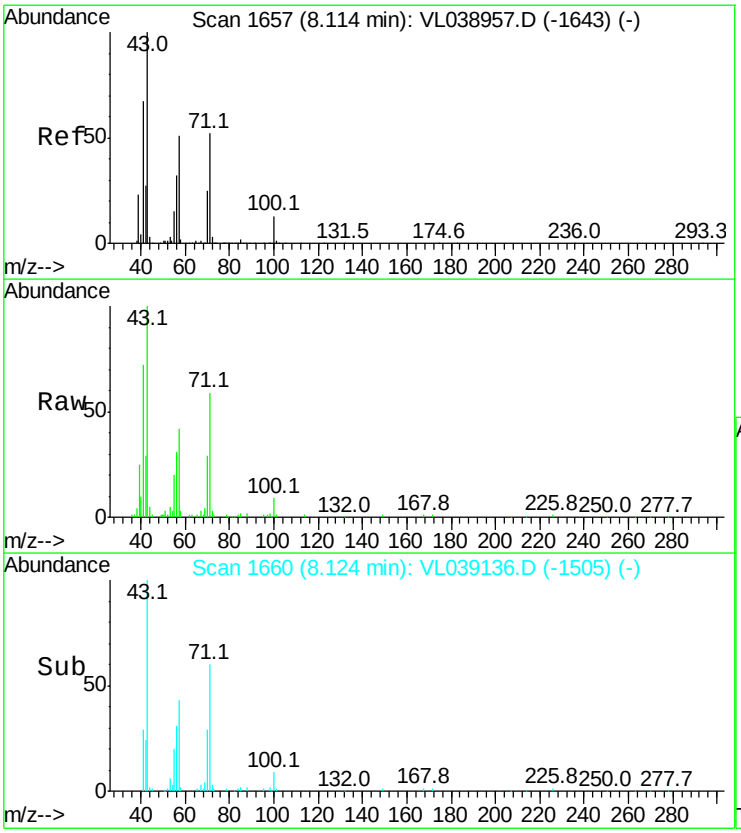
#9
Propene
Concen: 0.62 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 42995

Ion	Ratio	Lower	Upper
41	100		
42	68.1	55.4	83.2

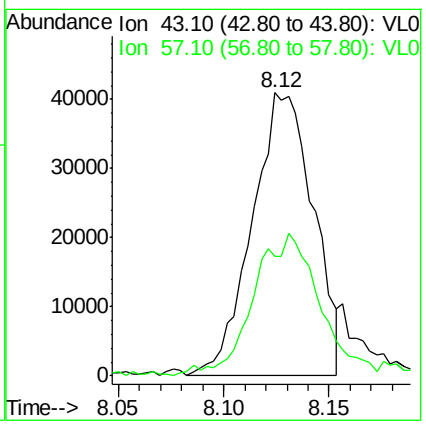


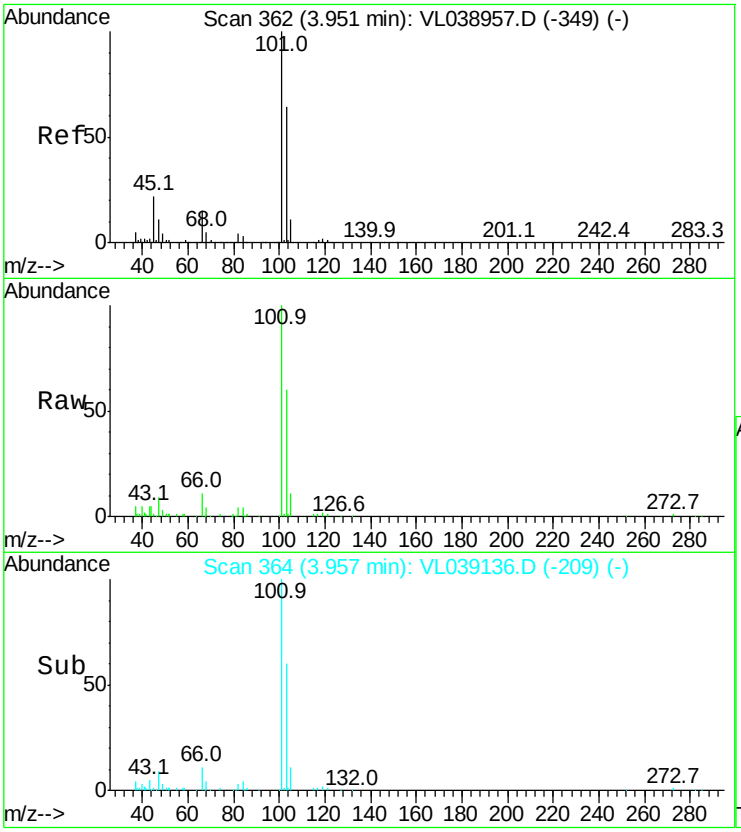


#10
Heptane
Concen: 0.48 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 43 Resp: 82785

Ion	Ratio	Lower	Upper
43	100		
57	58.2	41.4	62.2



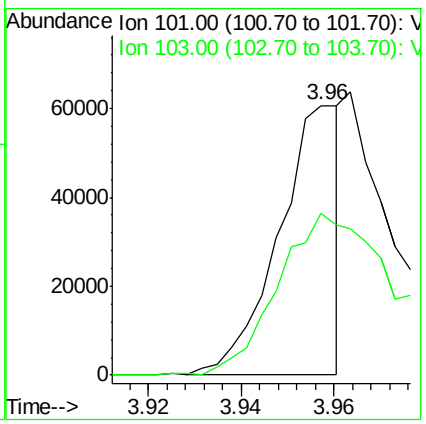


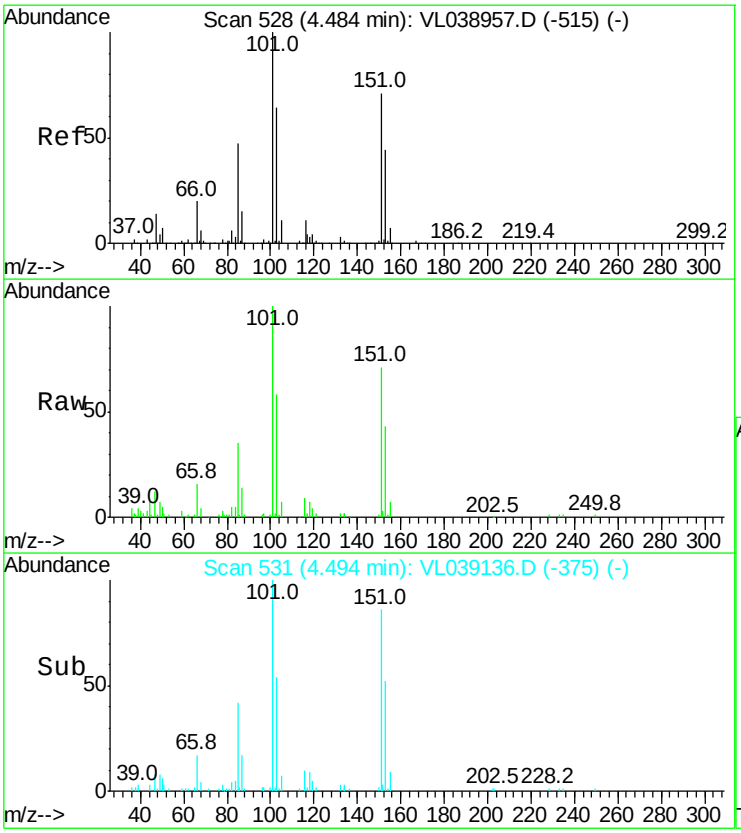
#11
Trichlorofluoromethane
Concen: 0.32 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 55215

Ion	Ratio	Lower	Upper
101	100		
103	59.2	51.7	77.5

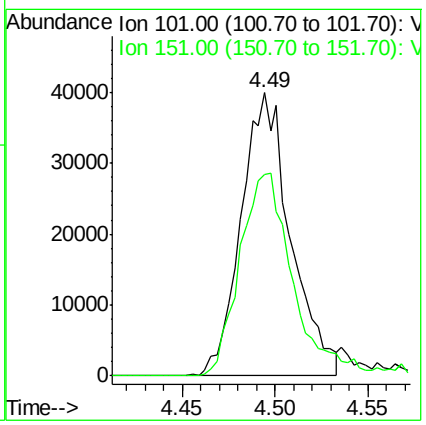


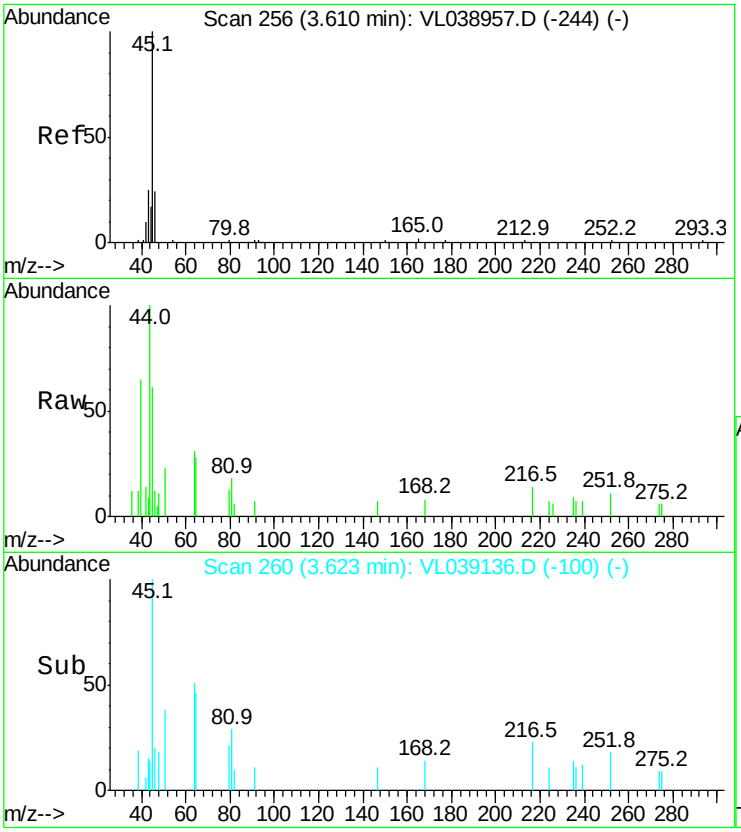


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.62 ppbv
RT: 4.49 min Scan# 531
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:101 Resp: 74209

Ion	Ratio	Lower	Upper
101	100		
151	78.5	59.4	89.0



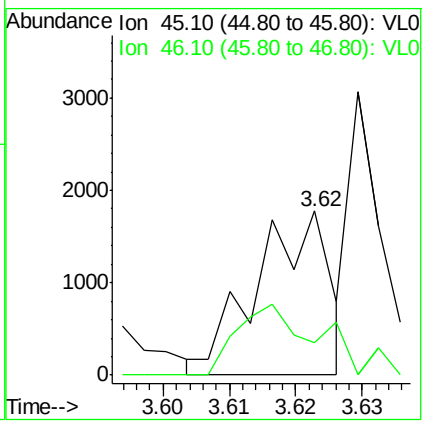


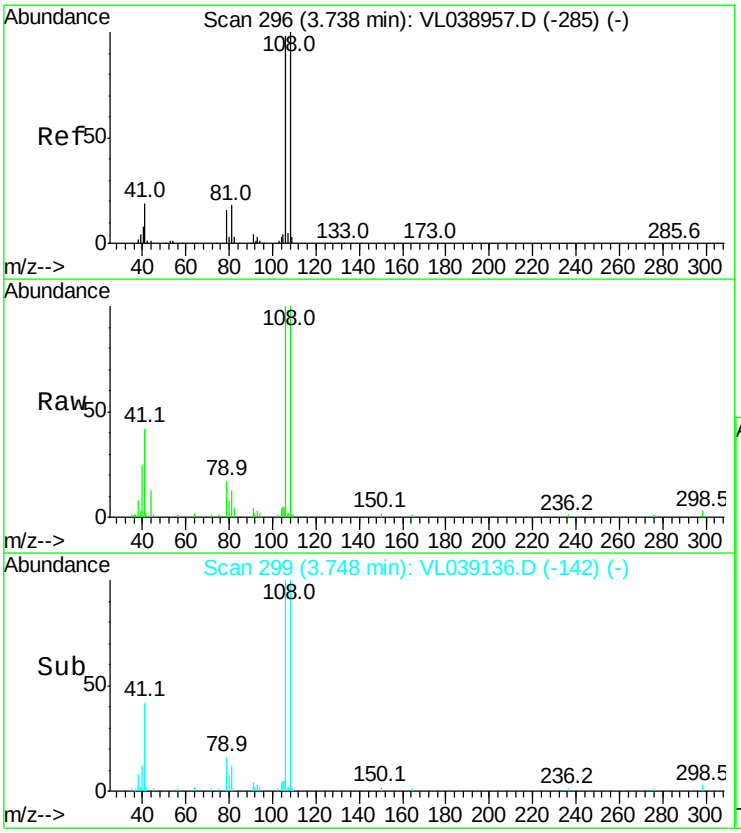
#13
Ethanol
Concen: 0.27 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 1357

Ion	Ratio	Lower	Upper
45	100		
46	45.2	0.0	0.0#

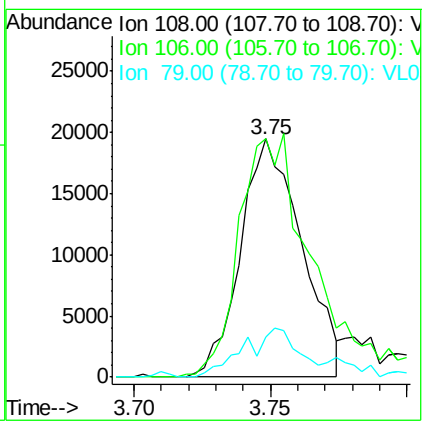


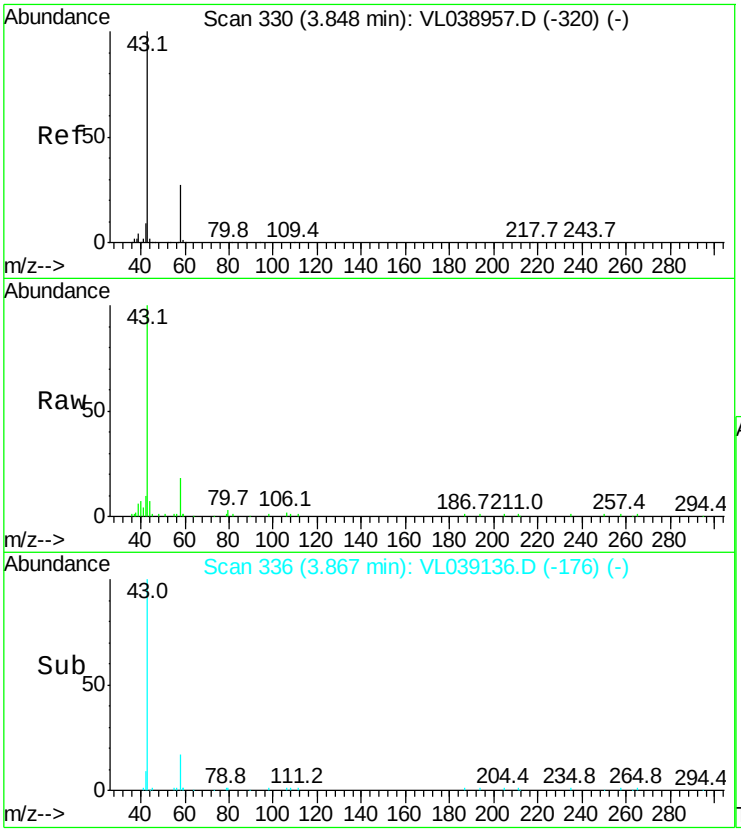


#14
Bromoethene
Concen: 0.61 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:108 Resp: 30181

Ion	Ratio	Lower	Upper
108	100		
106	131.1	88.4	132.6
79	23.1	13.4	20.2#



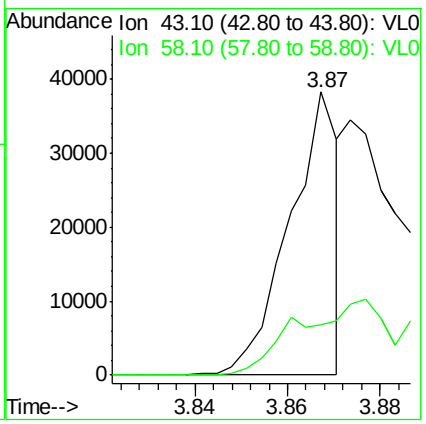


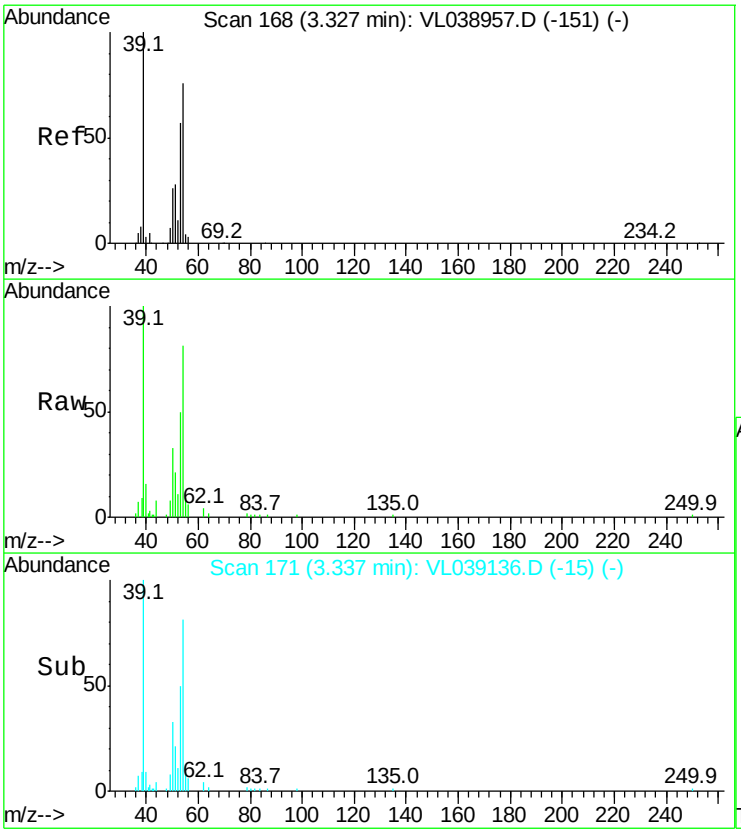
#15
Acetone
Concen: 0.23 ppbv
RT: 3.87
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 27916

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.5	33.7#

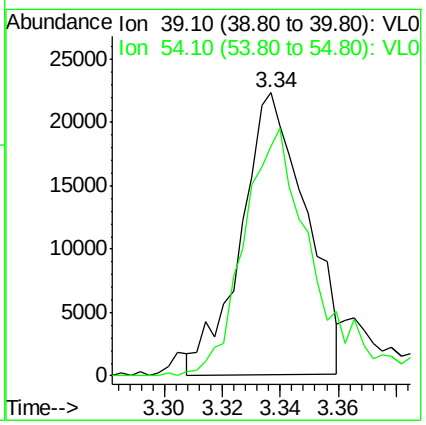


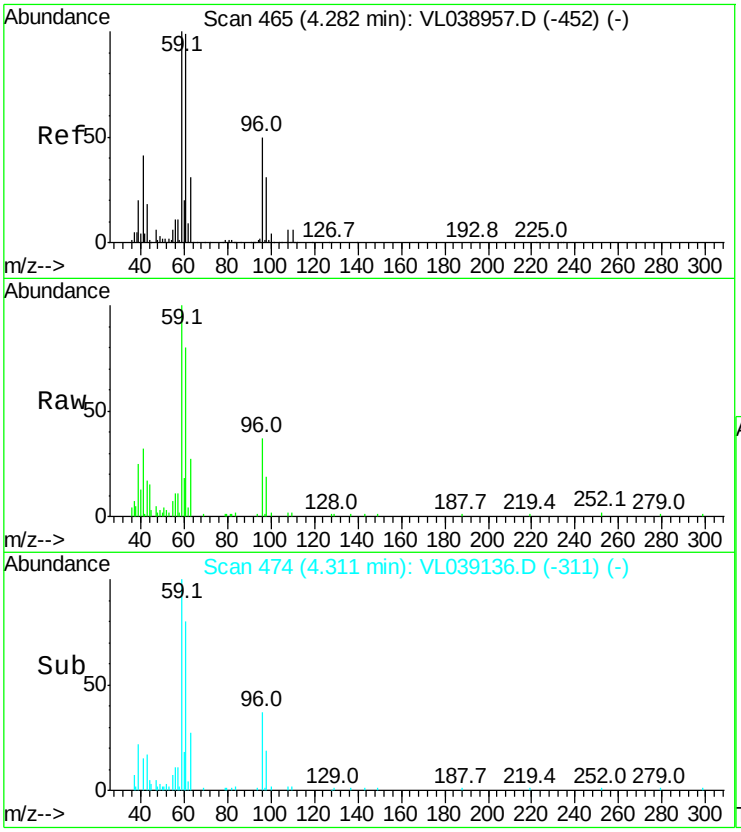


#16
1,3-Butadiene
Concen: 0.50 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 39 Resp: 34633

Ion	Ratio	Lower	Upper
39	100		
54	98.5	65.8	98.6



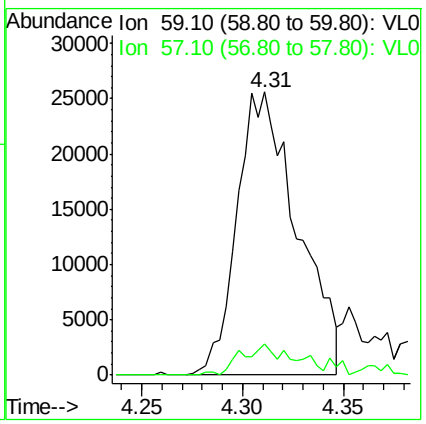


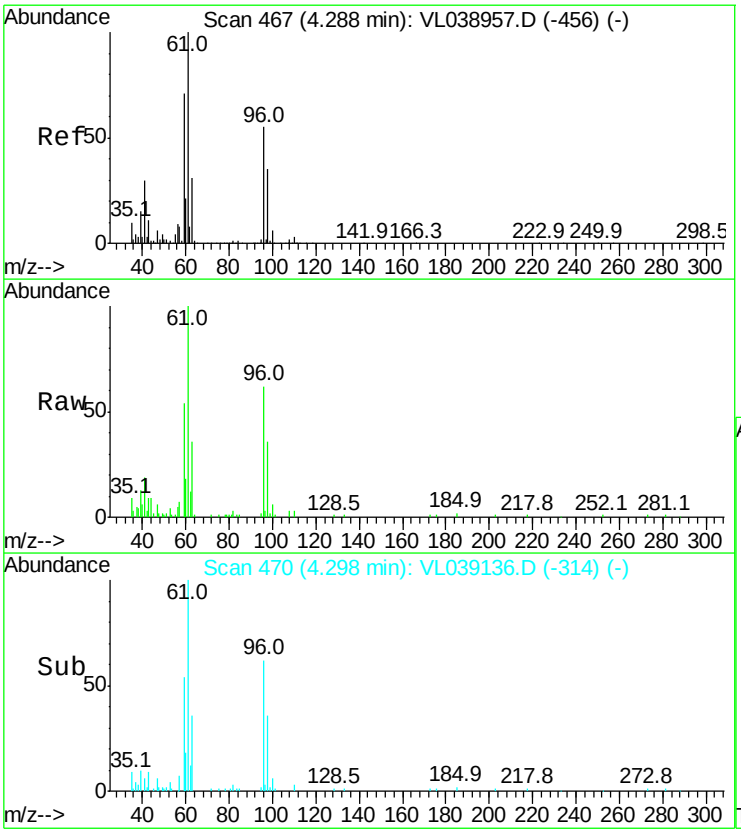
#17
tert-Butyl alcohol
Concen: 0.57 ppbv
RT: 4.31
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 53499

Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.1	13.7

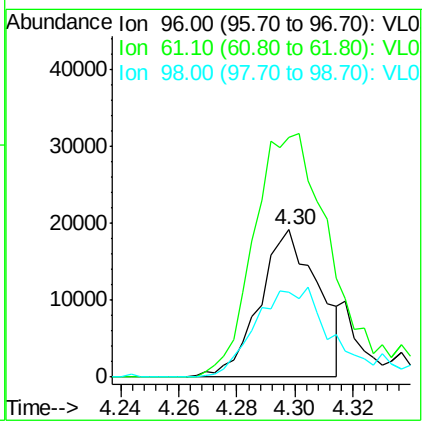


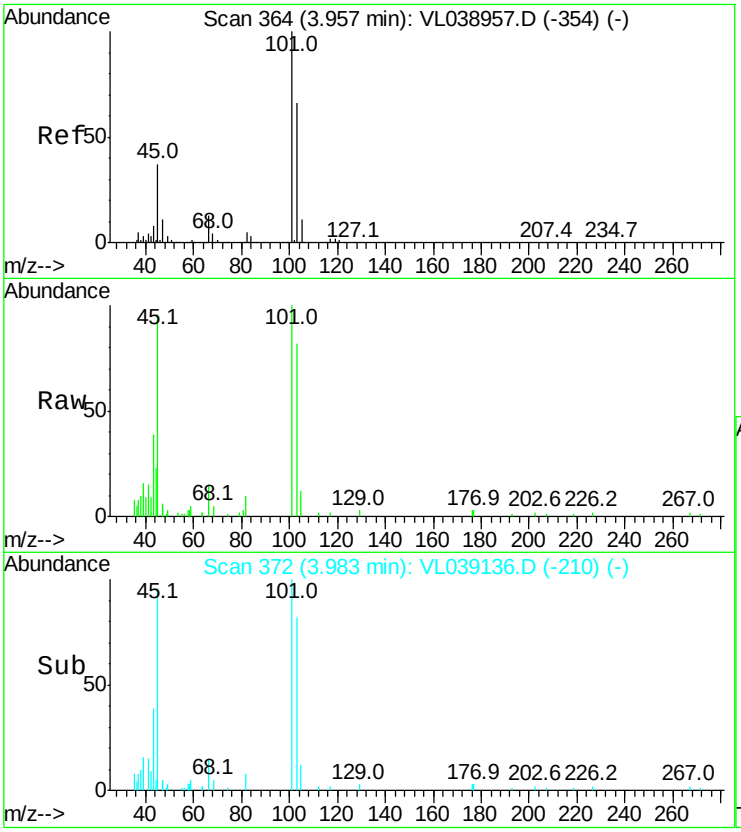


#18
1,1-Dichloroethene
Concen: 0.53 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 96 Resp: 26975

Ion	Ratio	Lower	Upper
96	100		
61	154.8	138.4	207.6
98	55.1	47.8	71.8



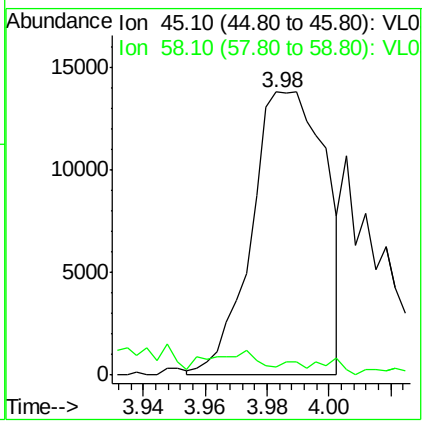


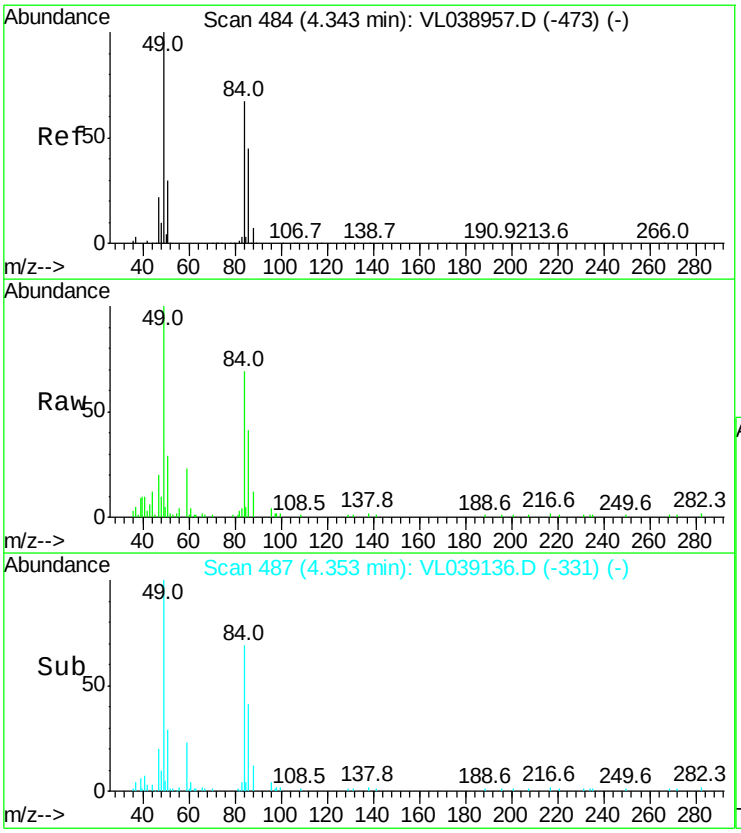
#19
Isopropyl Alcohol
Concen: 0.40 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 22982

Ion	Ratio	Lower	Upper
45	100		
58	7.4	1.8	2.8#

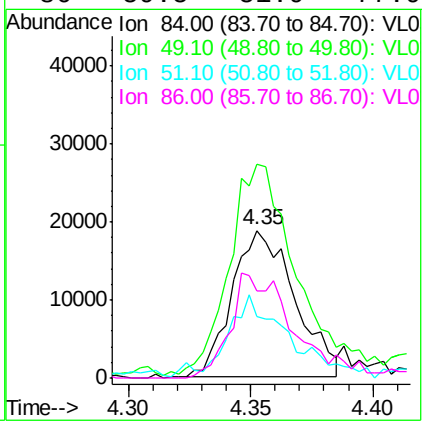


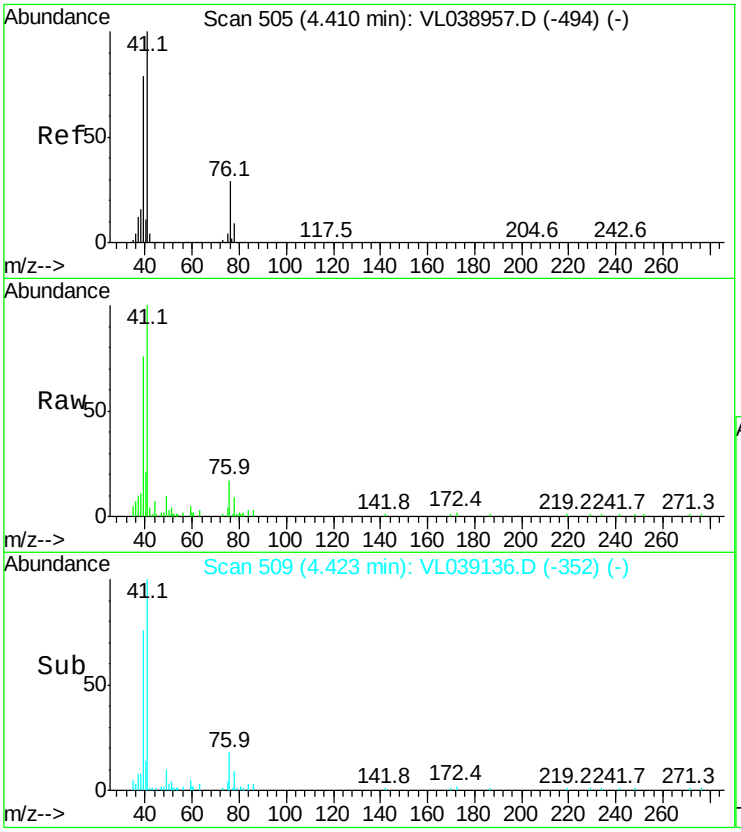


#20
Methylene Chloride
Concen: 0.73 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 84 Resp: 33476

Ion	Ratio	Lower	Upper
84	100		
49	139.2	111.1	166.7
51	32.2	35.3	52.9#
86	59.5	51.9	77.9



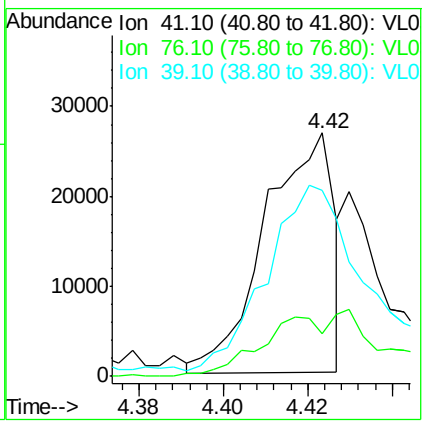


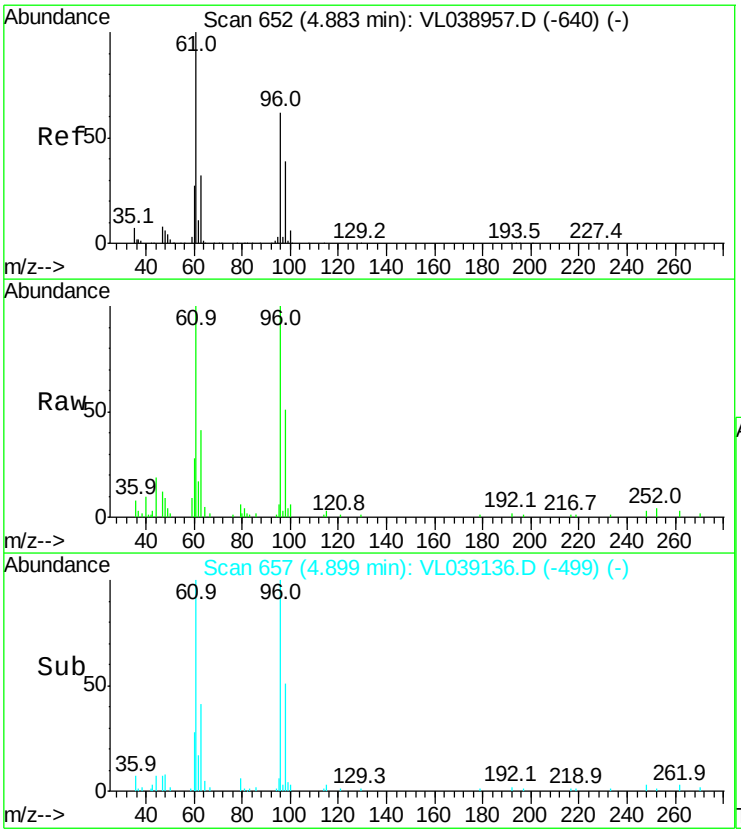
#21
Allyl Chloride
Concen: 0.36 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 30195

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.2#
39	135.9	62.2	93.2#

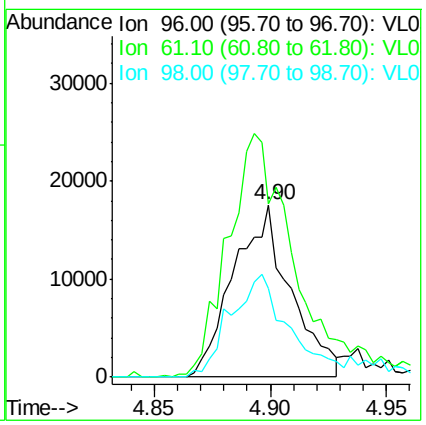


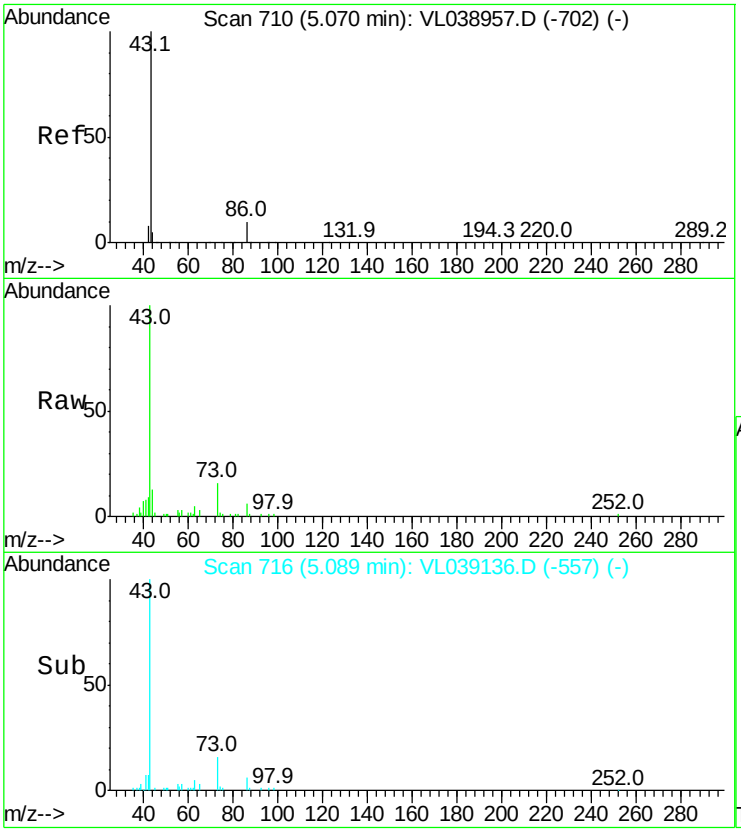


#22
trans-1,2-Dichloroethene
Concen: 0.54 ppbv
RT: 4.90 min Scan# 657
Delta R.T. 0.01 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 96 Resp: 30087

Ion	Ratio	Lower	Upper
96	100		
61	98.6	126.6	190.0#
98	51.3	52.5	78.7#



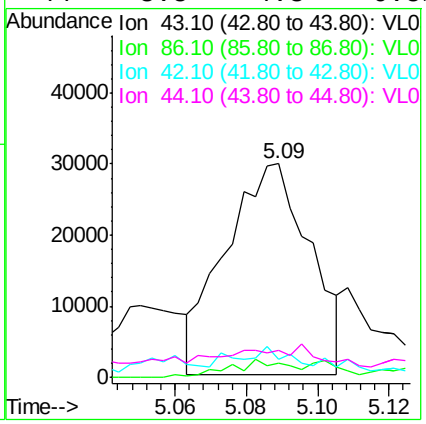


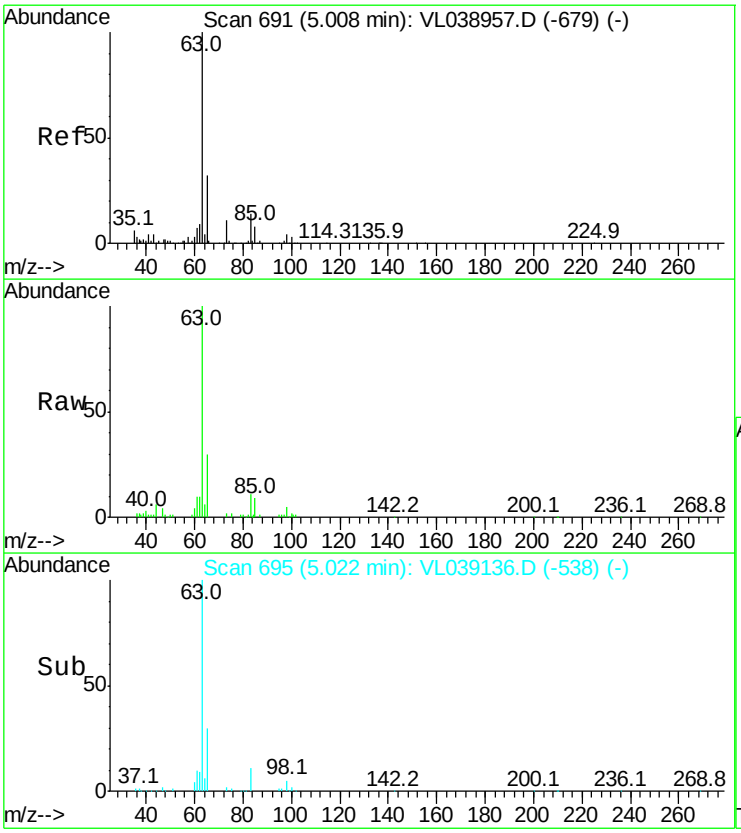
#23
Vinyl Acetate
Concen: 0.51 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 49007

Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.0	9.0
42	5.3	8.2	12.4#
44	8.5	4.3	6.5#

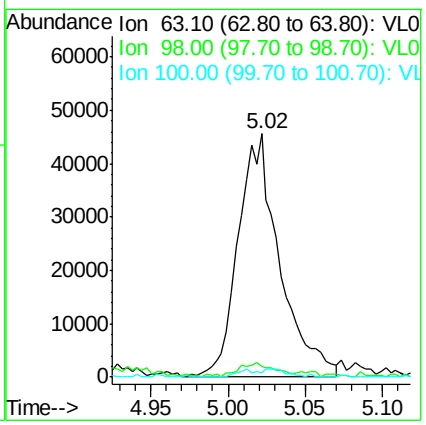


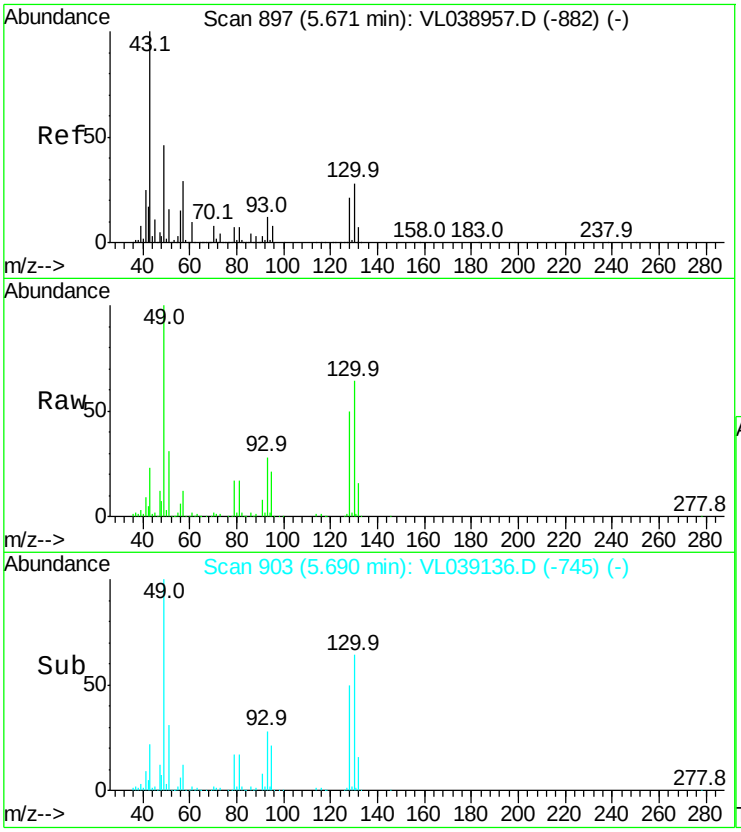


#24
1,1-Dichloroethane
Concen: 0.77 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 63 Resp: 85024

Ion	Ratio	Lower	Upper
63	100		
98	3.4	2.1	6.2
100	1.7	1.5	4.5



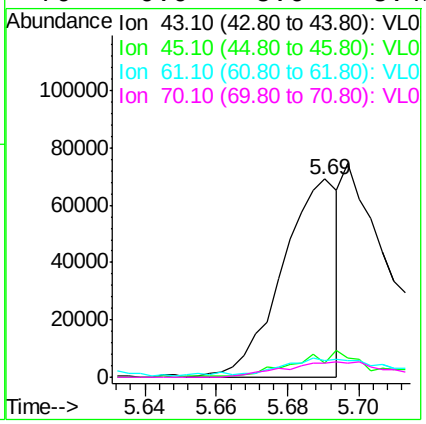


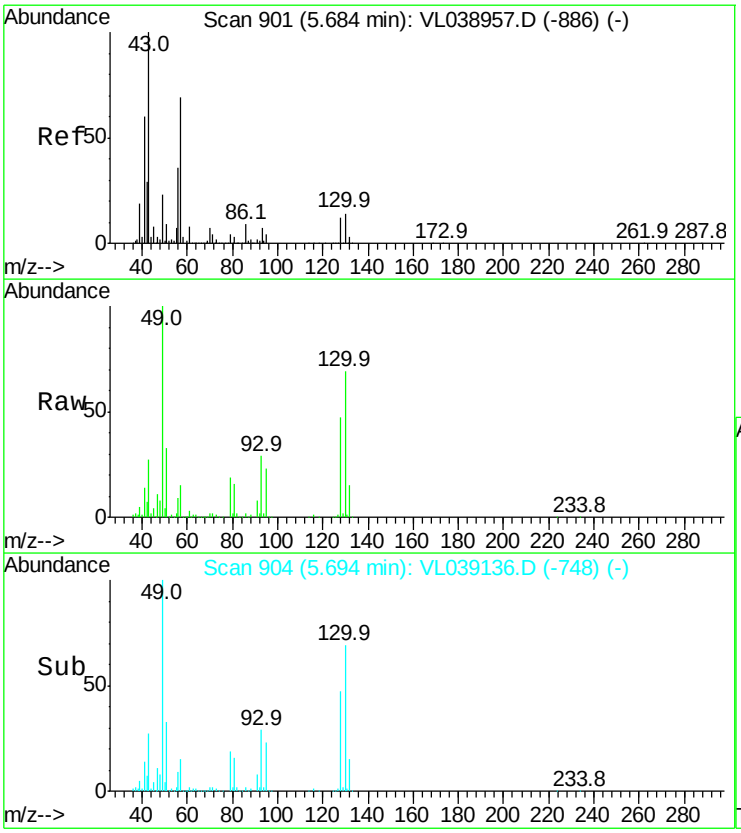
#25
Ethyl Acetate
Concen: 0.26 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 75025

Ion	Ratio	Lower	Upper
43	100		
45	21.9	8.2	12.2#
61	25.6	8.4	12.6#
70	0.0	5.6	8.4#

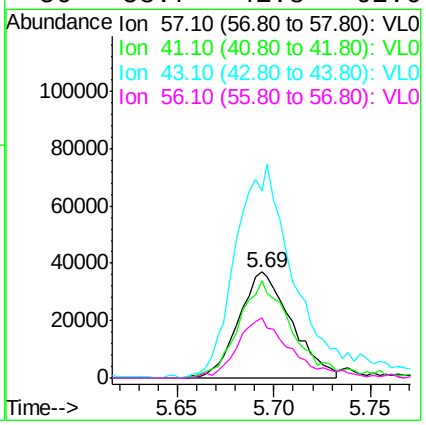


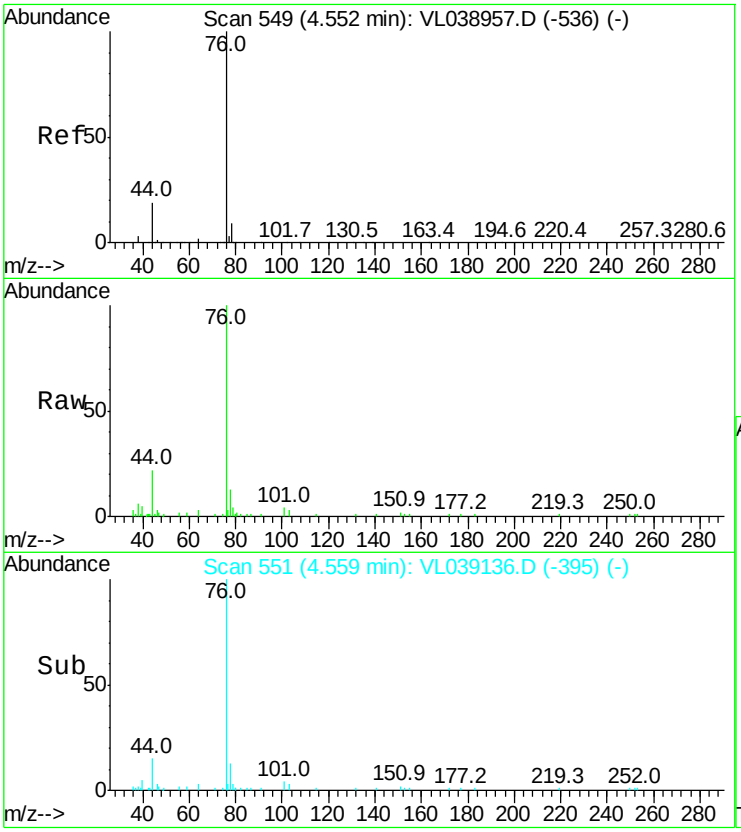


#26
Hexane
Concen: 0.54 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 57 Resp: 70094

Ion	Ratio	Lower	Upper
57	100		
41	98.9	72.4	108.6
43	243.6	187.0	280.6
56	58.7	41.8	62.6



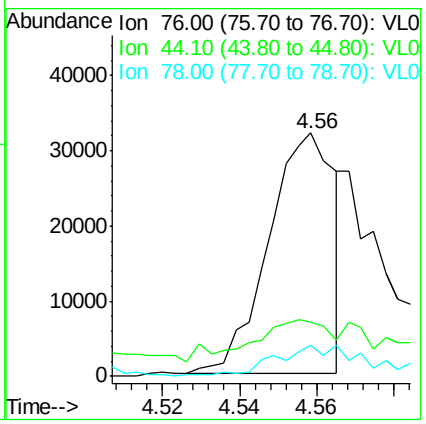


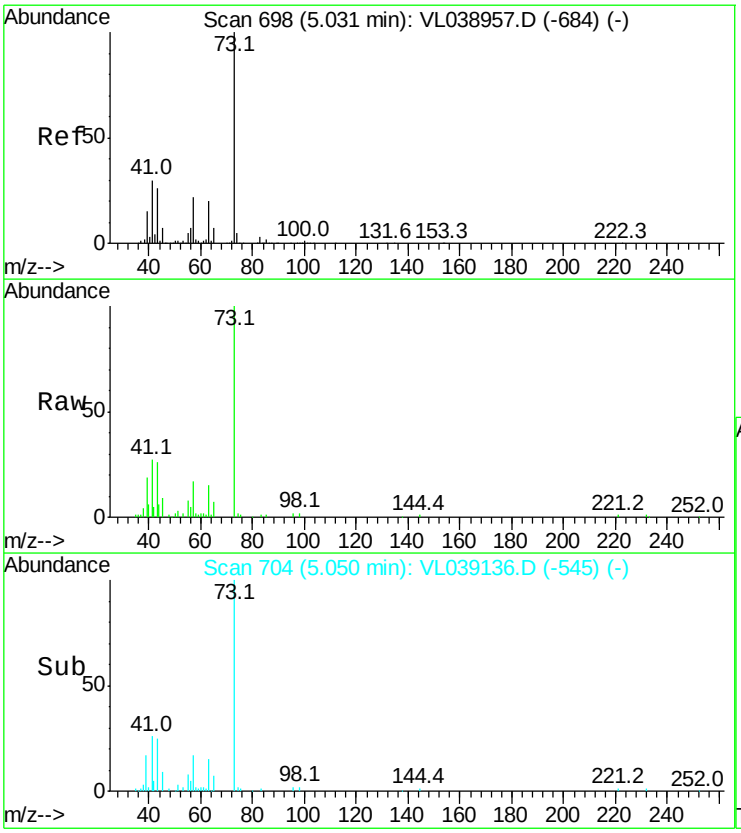
#27
Carbon Disulfide
Concen: 0.31 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 76 Resp: 37789

Ion	Ratio	Lower	Upper
76	100		
44	40.2	14.4	21.6#
78	19.1	7.7	11.5#

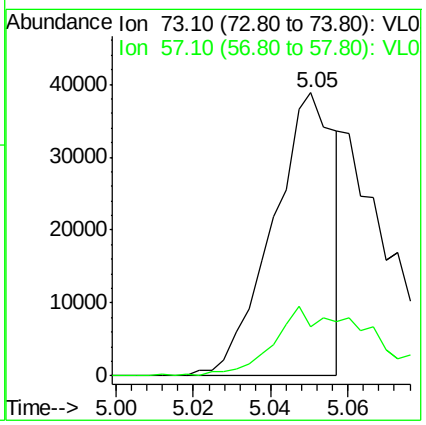


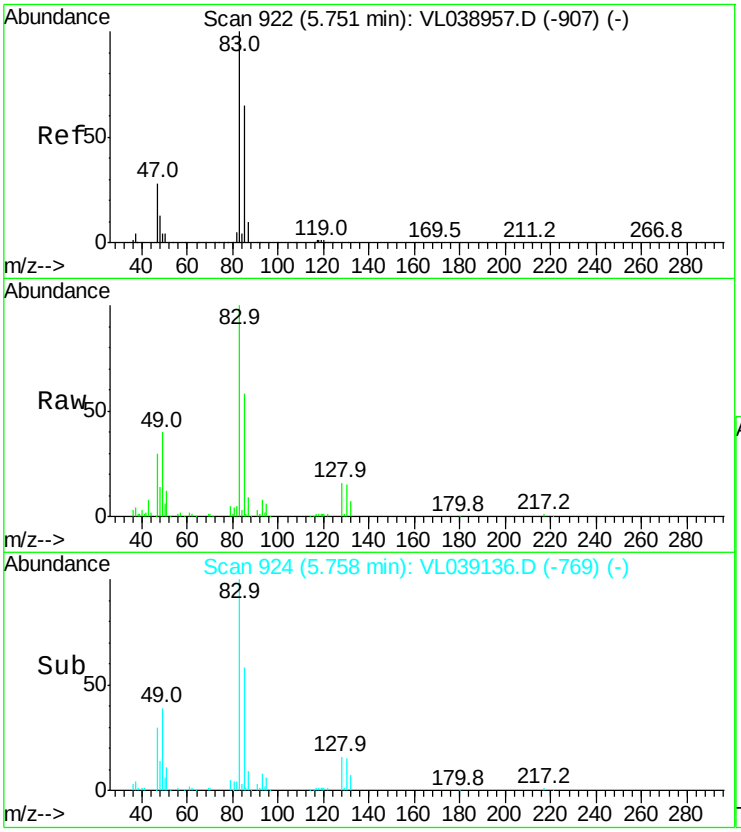


#28
Methyl tert-Butyl Ether
Concen: 0.44 ppbv
RT: 5.05 min Scan# 704
Delta R.T. 0.01 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 73 Resp: 43452

Ion	Ratio	Lower	Upper
73	100		
57	40.9	18.6	27.8#



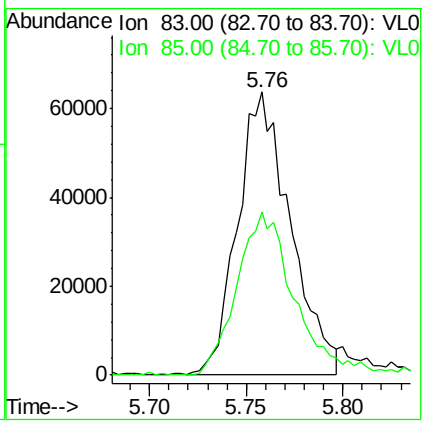


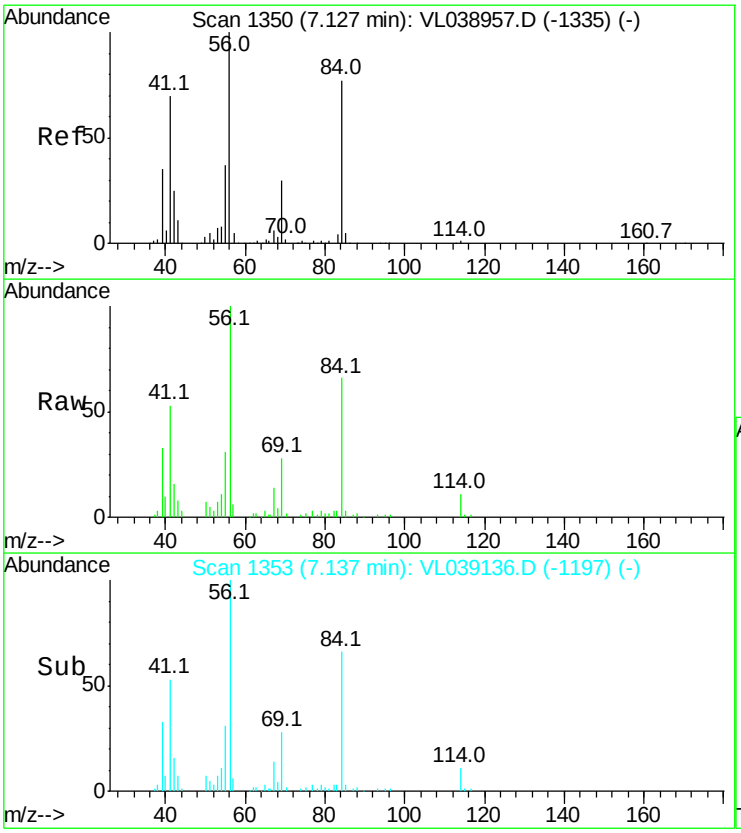
#29
Chloroform
Concen: 0.58 ppbv
RT: 5.76
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 120315

Ion	Ratio	Lower	Upper
83	100		
85	57.9	52.4	78.6

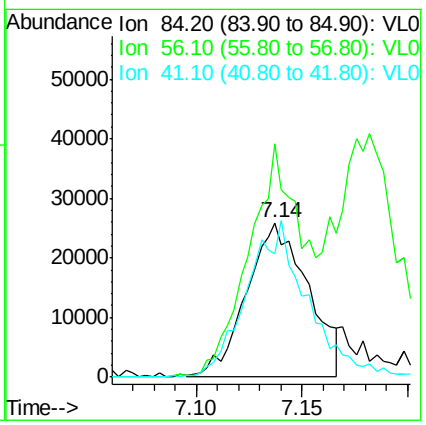


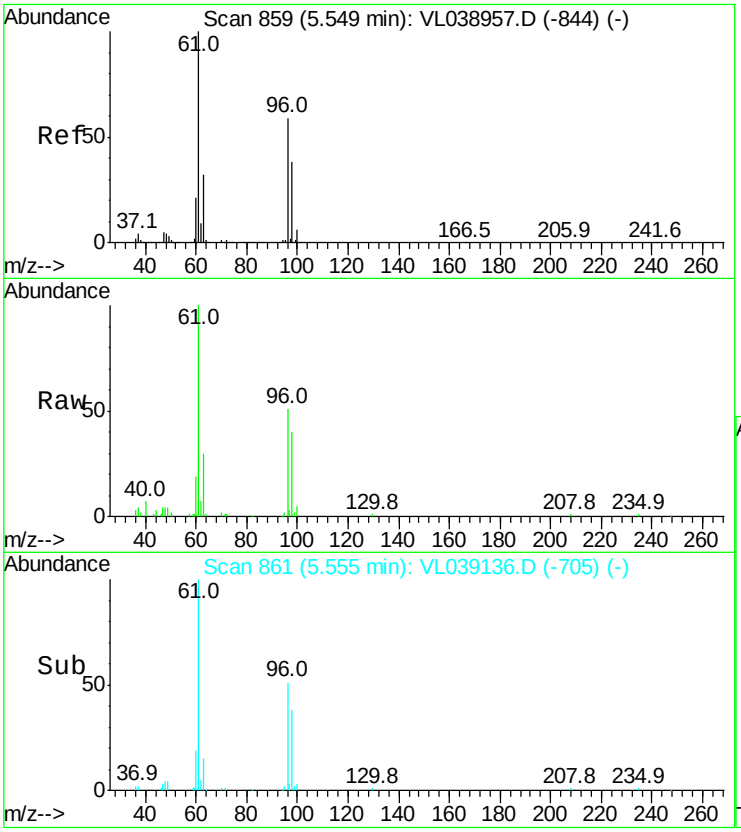


#30
Cyclohexane
Concen: 0.49 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 84 Resp: 52490

Ion	Ratio	Lower	Upper
84	100		
56	136.7	110.6	165.8
41	100.9	68.9	103.3



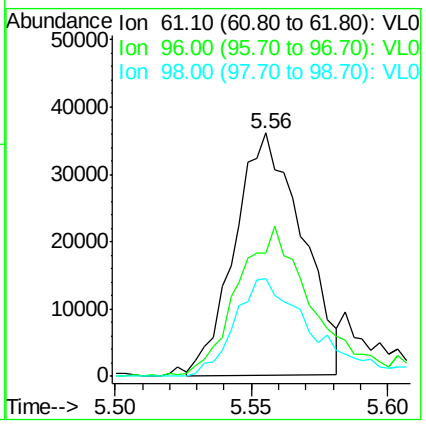


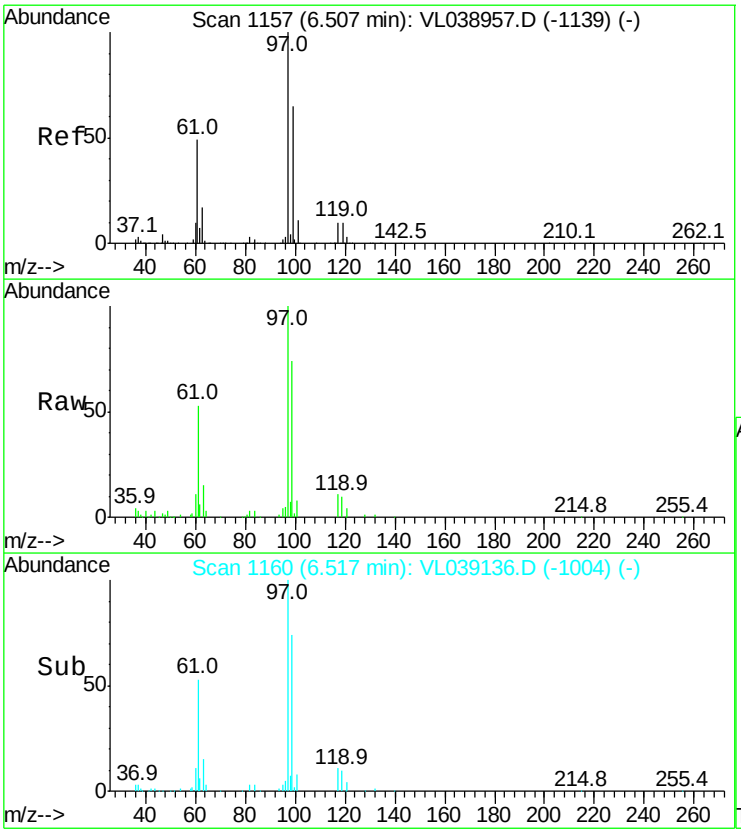
#31
cis-1,2-Dichloroethene
Concen: 0.47 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 61 Resp: 61941

Ion	Ratio	Lower	Upper
61	100		
96	49.9	49.9	74.9#
98	40.8	32.0	48.0

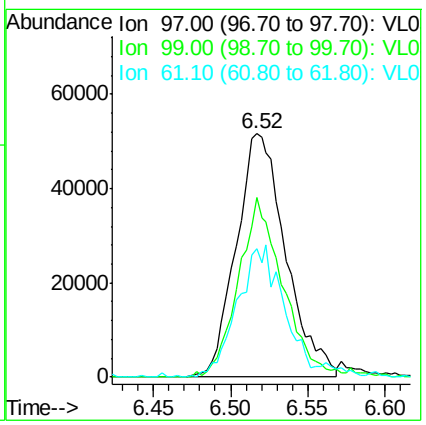


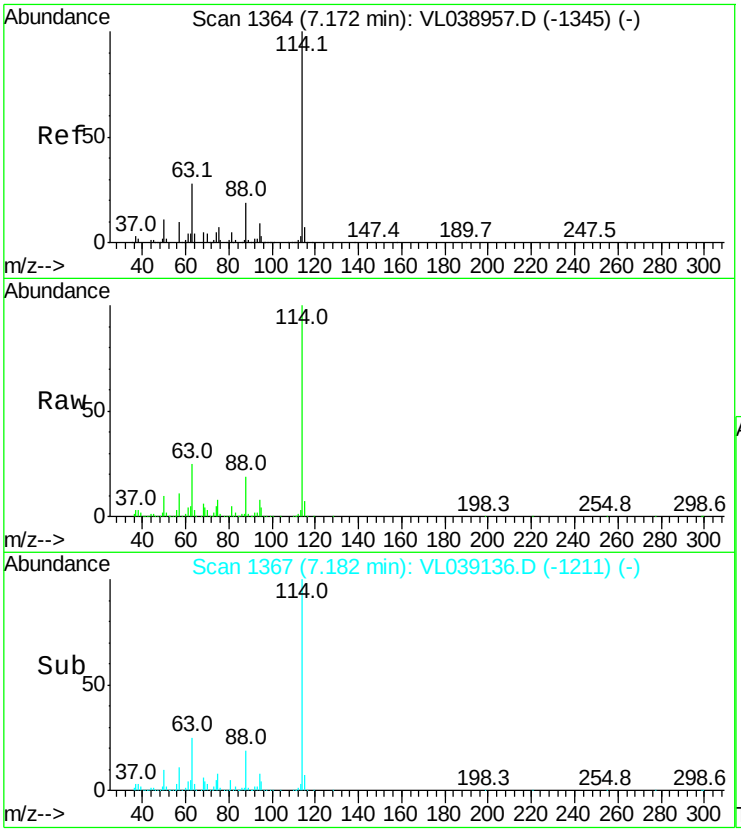


#32
1,1,1-Trichloroethane
Concen: 0.55 ppbv
RT: 6.52 min Scan# 1160
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 97 Resp: 114890

Ion	Ratio	Lower	Upper
97	100		
99	67.6	52.1	78.1
61	53.7	40.0	60.0



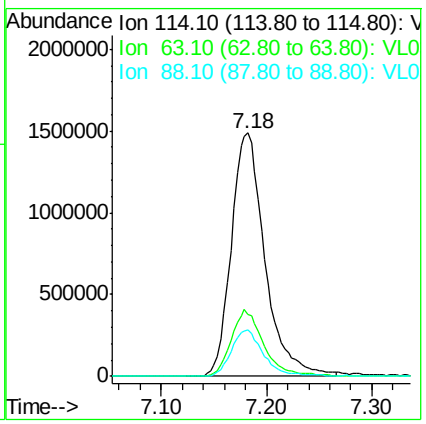


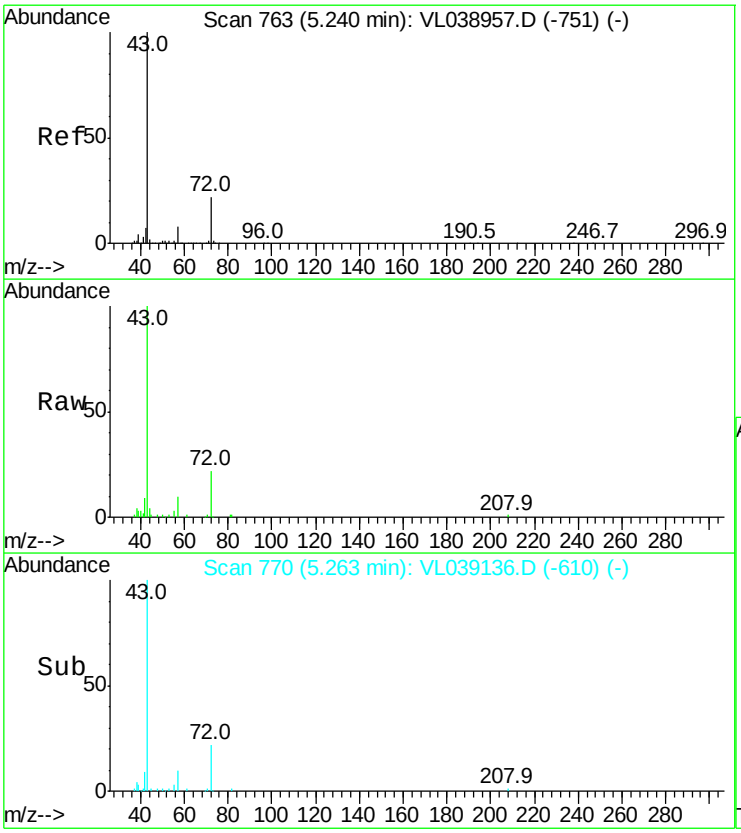
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:114 Resp: 3292148

Ion	Ratio	Lower	Upper
114	100		
63	26.8	21.7	32.5
88	18.6	14.8	22.2

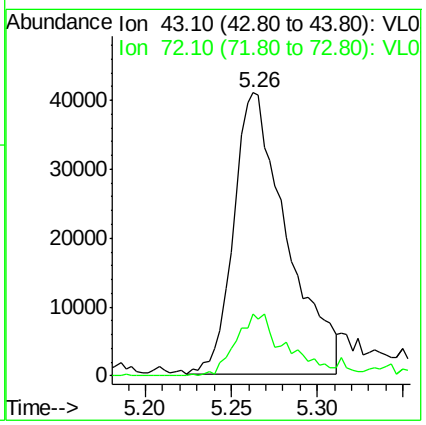


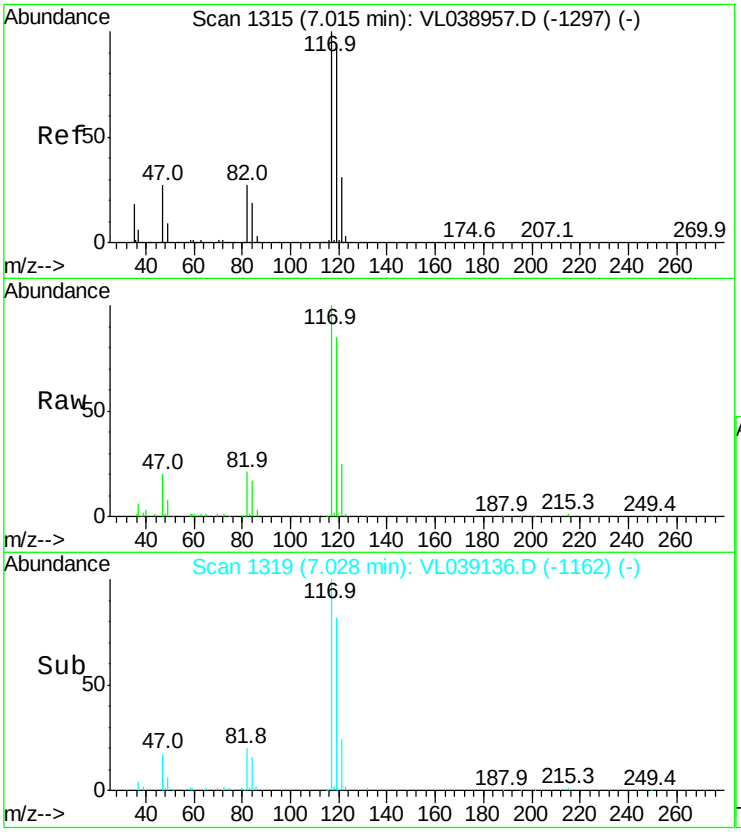


#34
2-Butanone
Concen: 0.52 ppbv
RT: 5.26 min Scan# 770
Delta R.T. 0.01 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 43 Resp: 87893

Ion	Ratio	Lower	Upper
43	100		
72	24.5	18.2	27.2



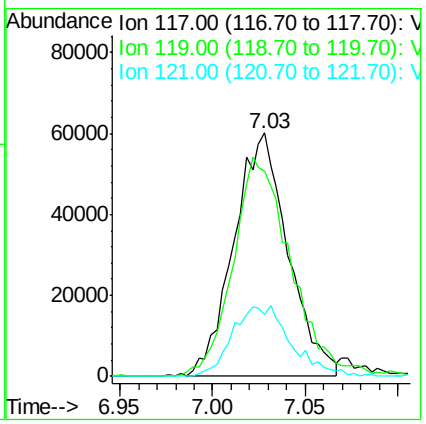


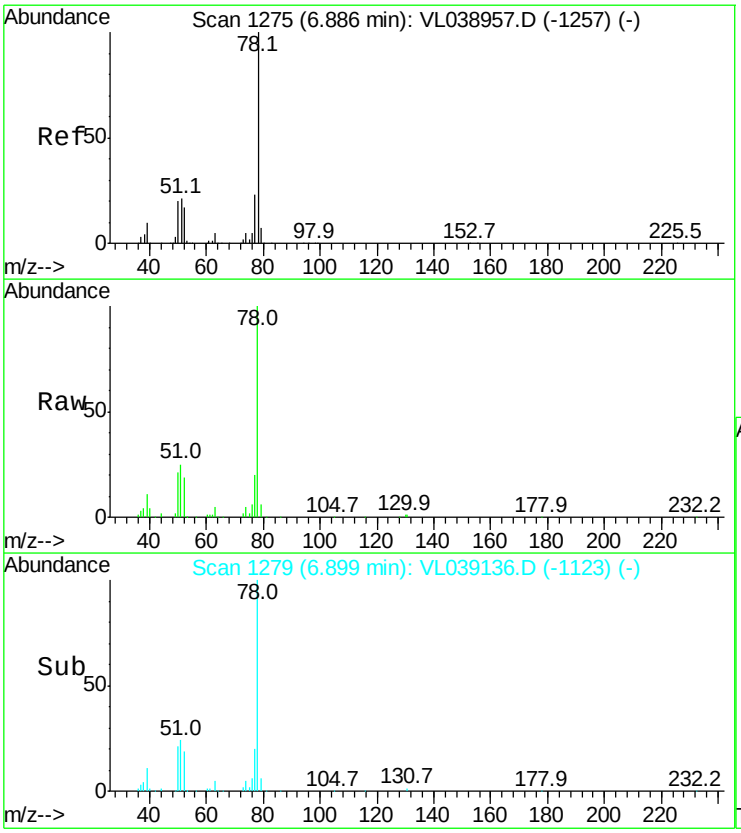
#35
Carbon Tetrachloride
Concen: 0.57 ppbv
RT: 7.03
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 122811

Ion	Ratio	Lower	Upper
117	100		
119	82.7	78.6	118.0
121	25.2	25.4	38.0#

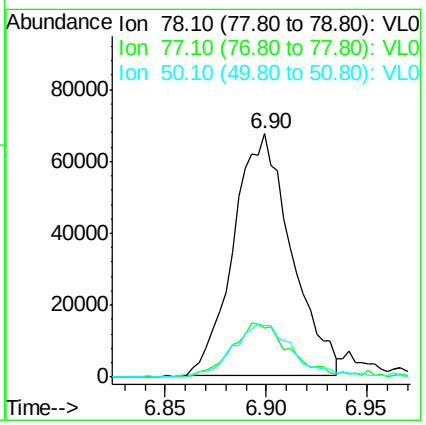


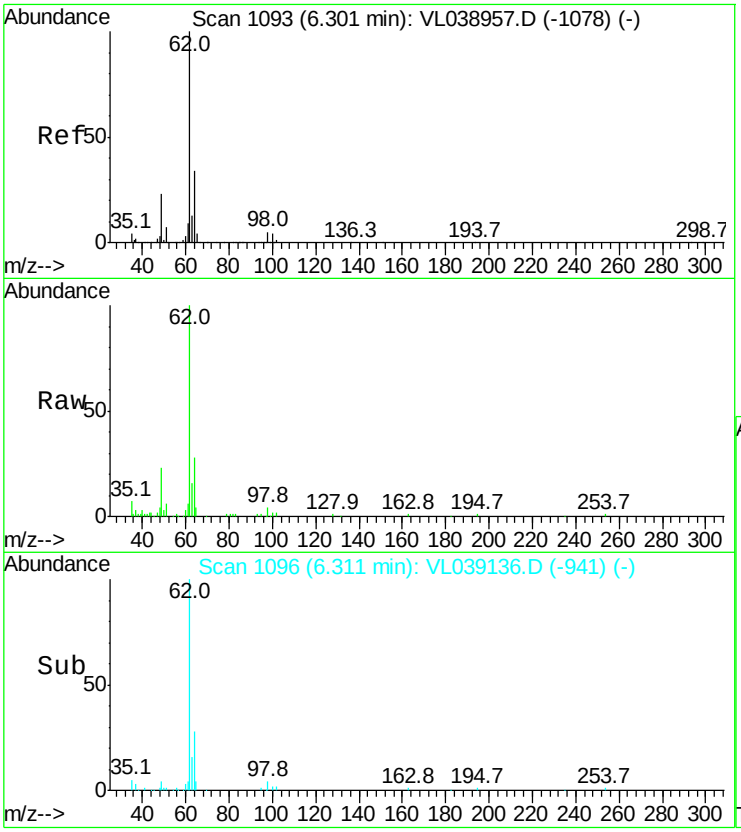


#36
Benzene
Concen: 0.48 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 78 Resp: 134516

Ion	Ratio	Lower	Upper
78	100		
77	20.5	18.6	27.8
50	20.8	15.8	23.8



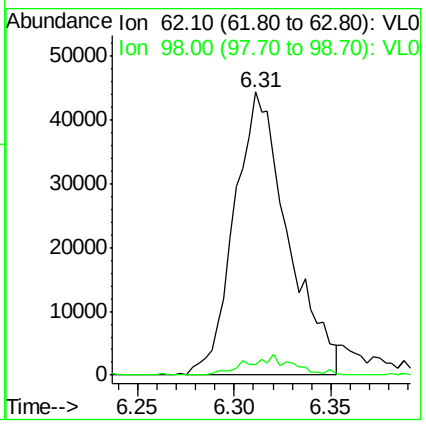


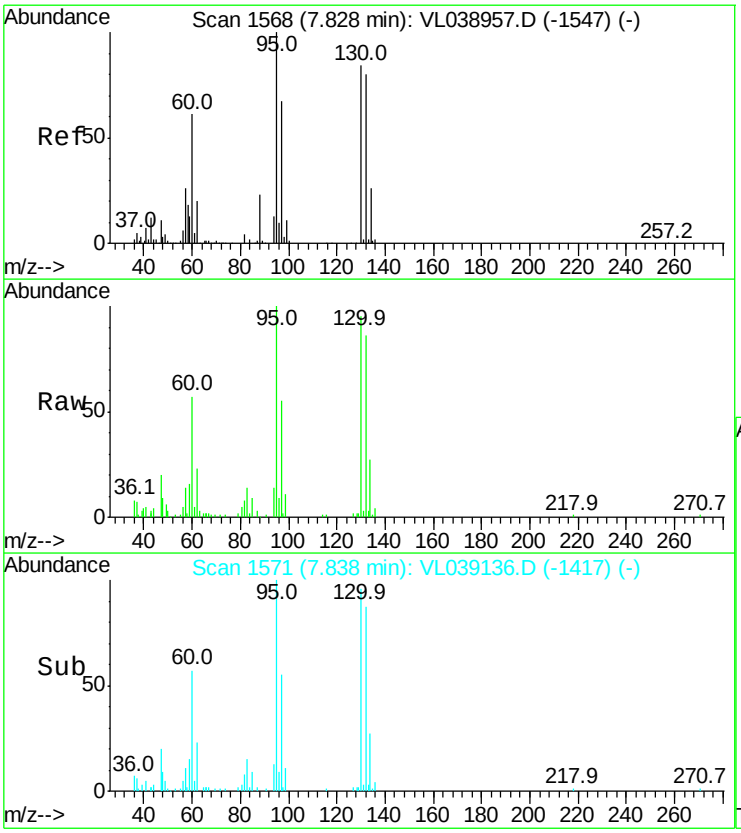
#37
1,2-Dichloroethane
Concen: 0.49 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 85864

Ion	Ratio	Lower	Upper
62	100		
98	6.2	4.3	6.5

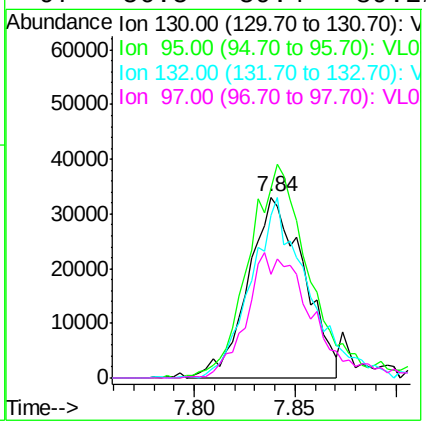


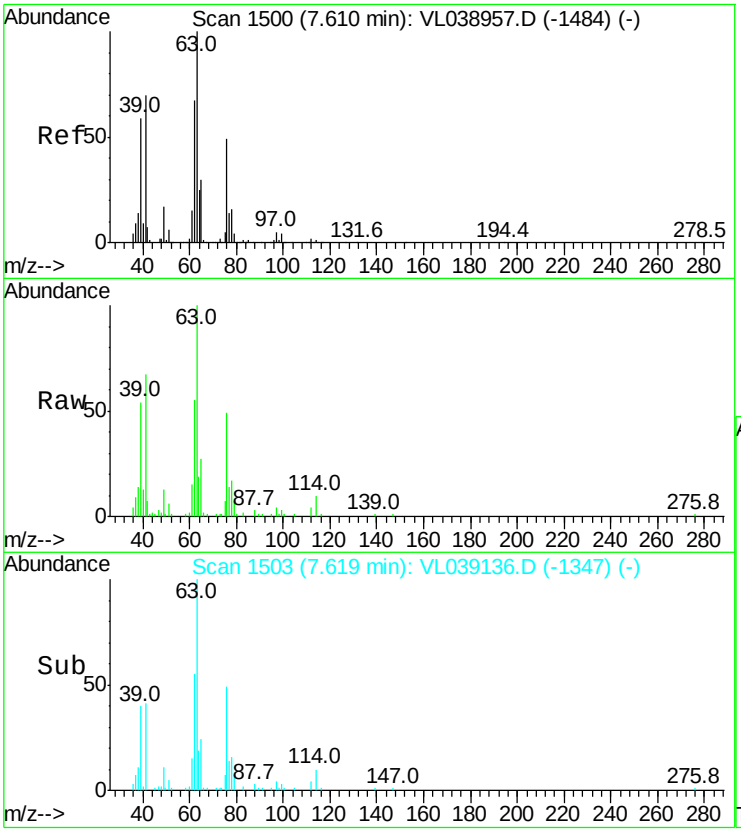


#38
Trichloroethene
Concen: 0.51 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. -0.01 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:130 Resp: 63691

Ion	Ratio	Lower	Upper
130	100		
95	103.7	93.3	139.9
132	89.3	79.0	118.4
97	56.5	59.4	89.2#



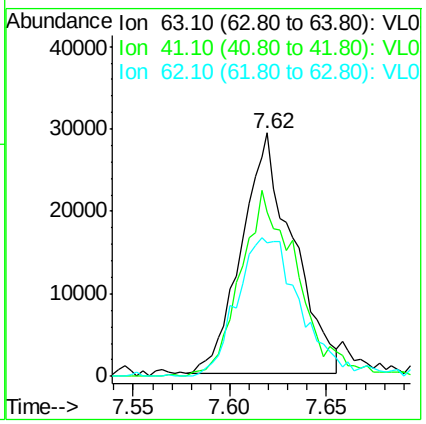


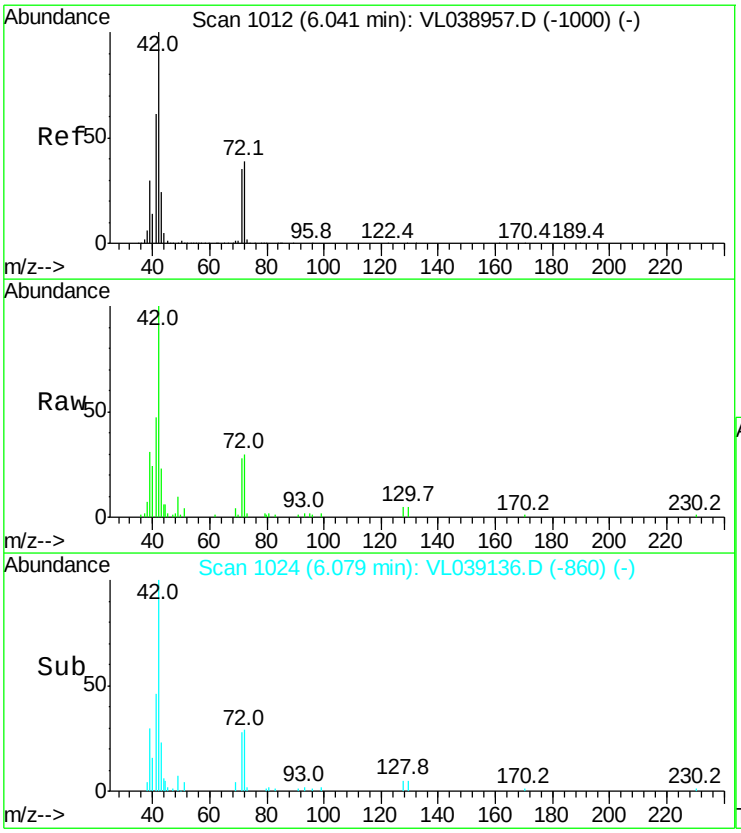
#39
1,2-Dichloropropane
Concen: 0.49 ppbv
RT: 7.62
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 54192

Ion	Ratio	Lower	Upper
63	100		
41	68.1	60.8	91.2
62	55.3	52.9	79.3

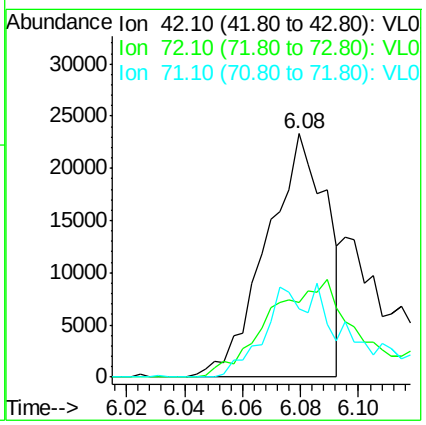


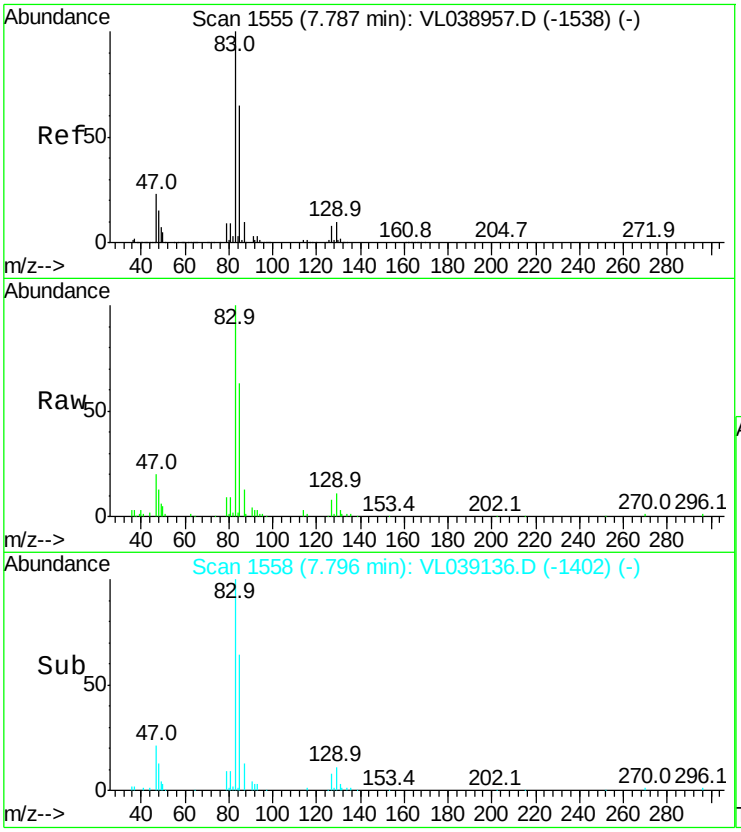


#41
Tetrahydrofuran
Concen: 0.30 ppbv
RT: 6.08 min Scan# 1024
Delta R.T. 0.03 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 42 Resp: 33499

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	31.1	46.7#



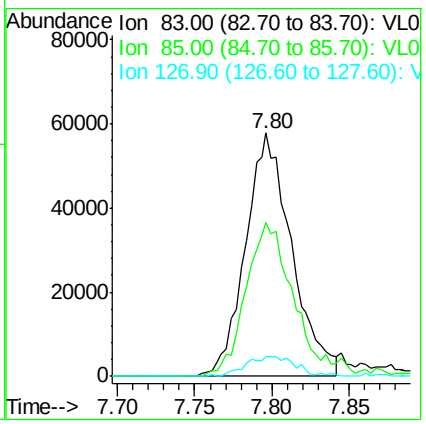


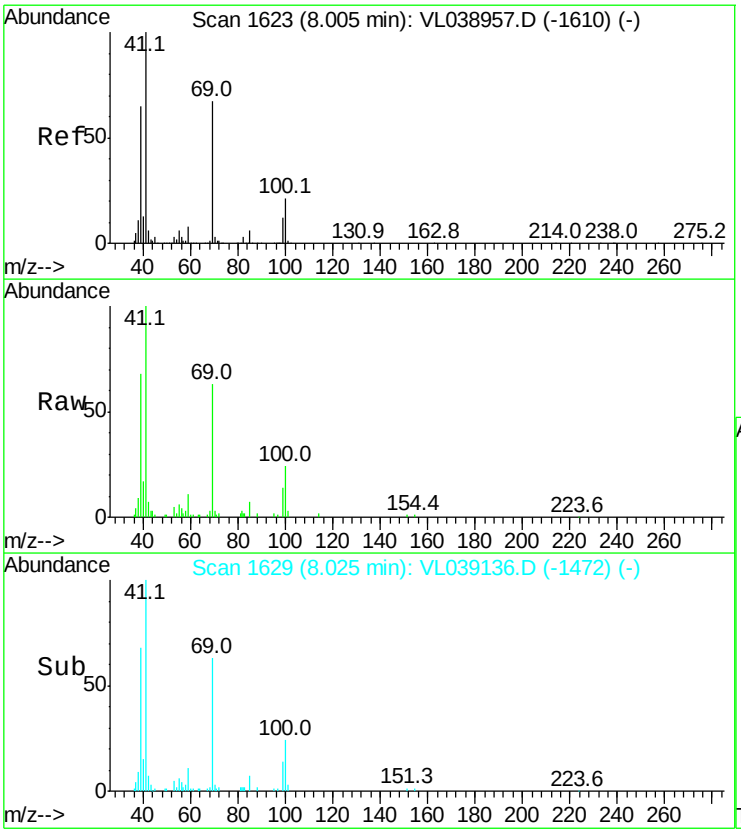
#42
Bromodichloromethane
Concen: 0.50 ppbv
RT: 7.80
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 119997

Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.2	75.4
127	8.2	6.6	9.8

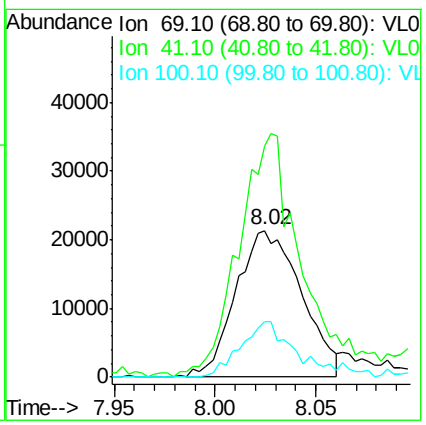


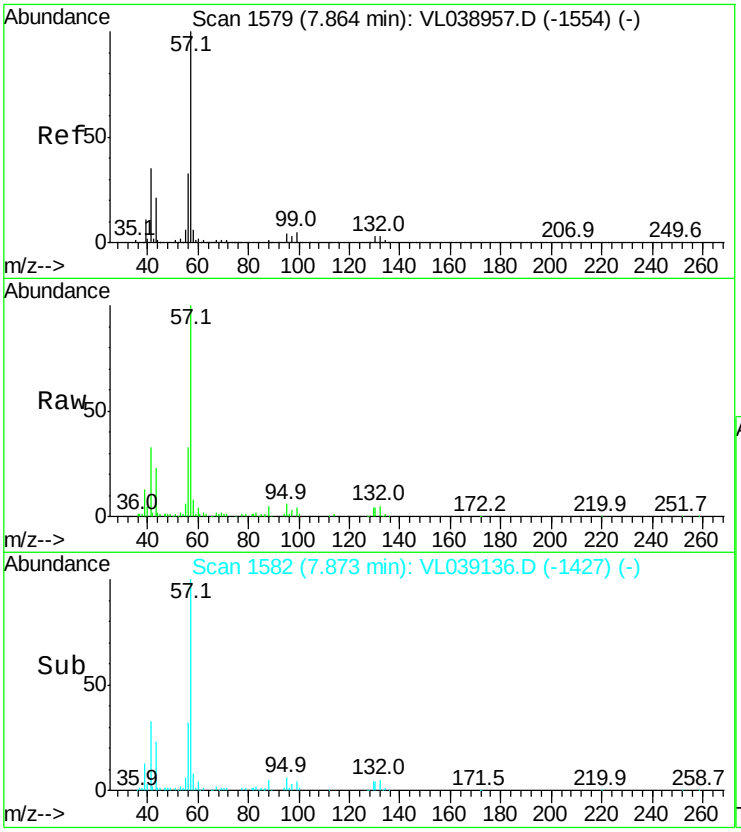


#43
Methyl Methacrylate
Concen: 0.42 ppbv
RT: 8.02 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 69 Resp: 47826

Ion	Ratio	Lower	Upper
69	100		
41	156.9	121.9	182.9
100	33.8	24.1	36.1



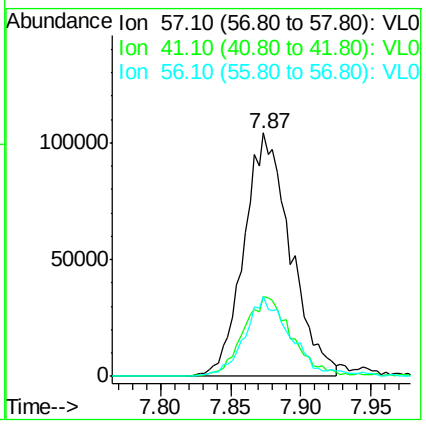


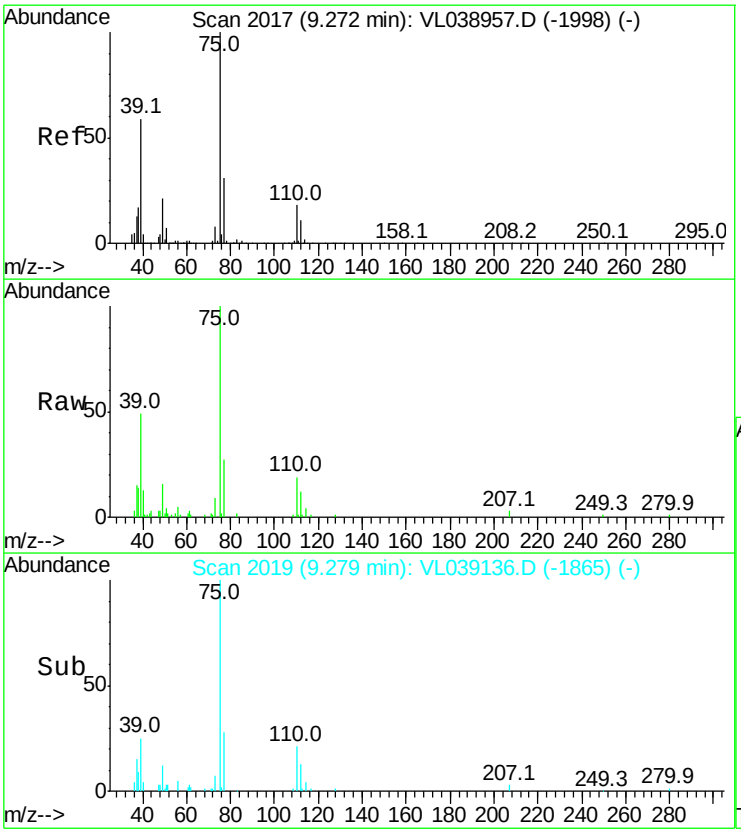
#44
2,2,4-Trimethylpentane
Concen: 0.49 ppbv
RT: 7.87
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 57 Resp: 239890

Ion	Ratio	Lower	Upper
57	100		
41	34.2	26.2	39.4
56	32.4	24.7	37.1

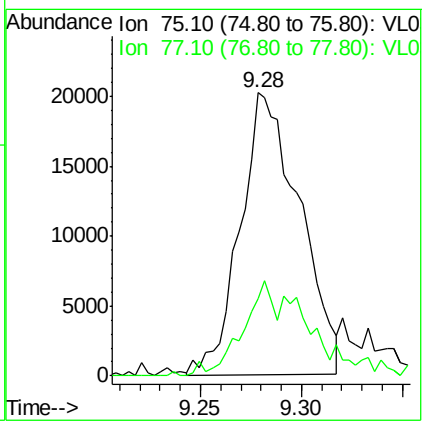


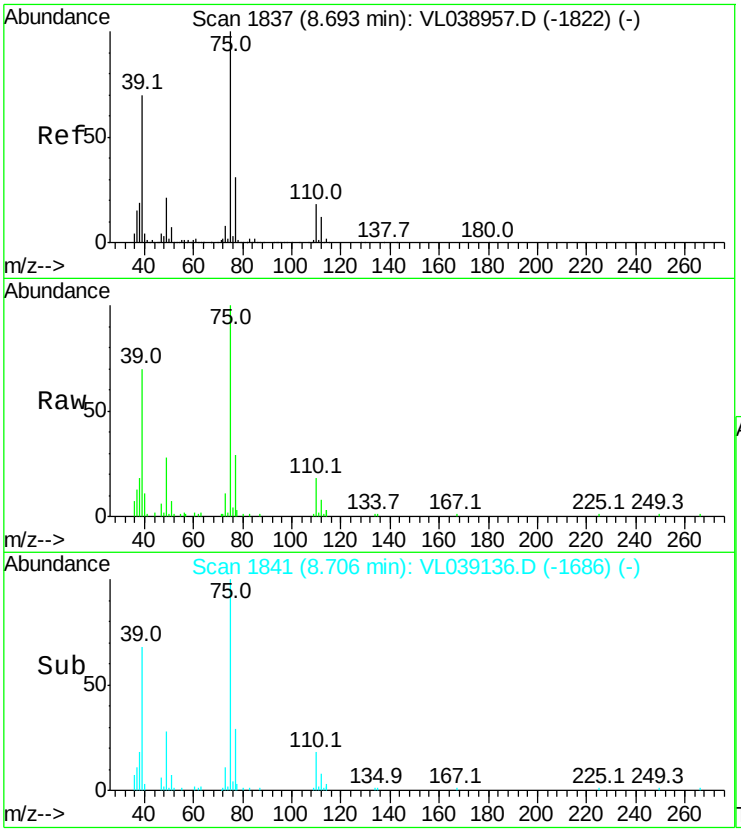


#45
t-1,3-Dichloropropene
Concen: 0.37 ppbv
RT: 9.28 min Scan# 2019
Delta R.T. -0.01 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 75 Resp: 41446

Ion	Ratio	Lower	Upper
75	100		
77	27.3	24.4	36.6



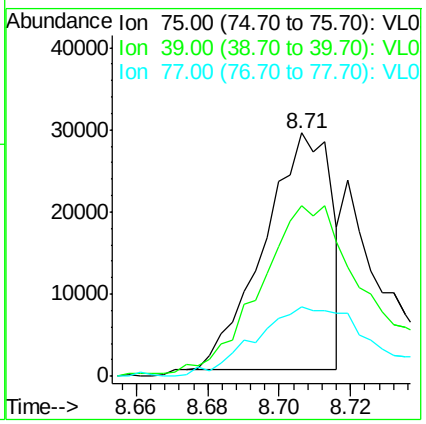


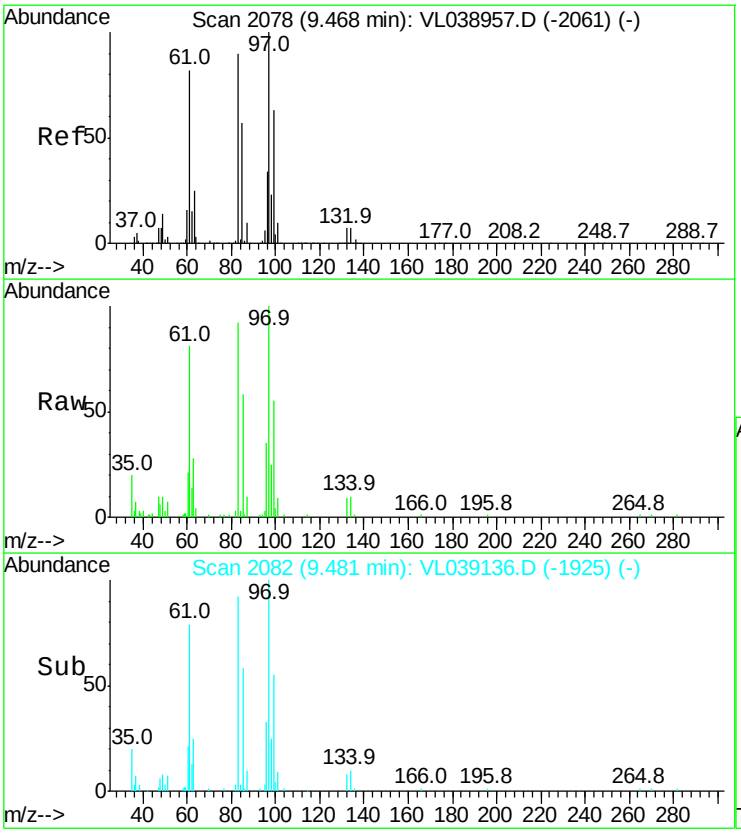
#46
cis-1,3-Dichloropropene
Concen: 0.26 ppbv
RT: 8.71
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 37884

Ion	Ratio	Lower	Upper
75	100		
39	67.1	52.4	78.6
77	28.6	25.5	38.3

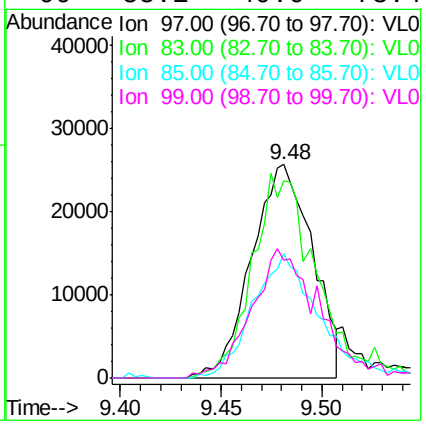


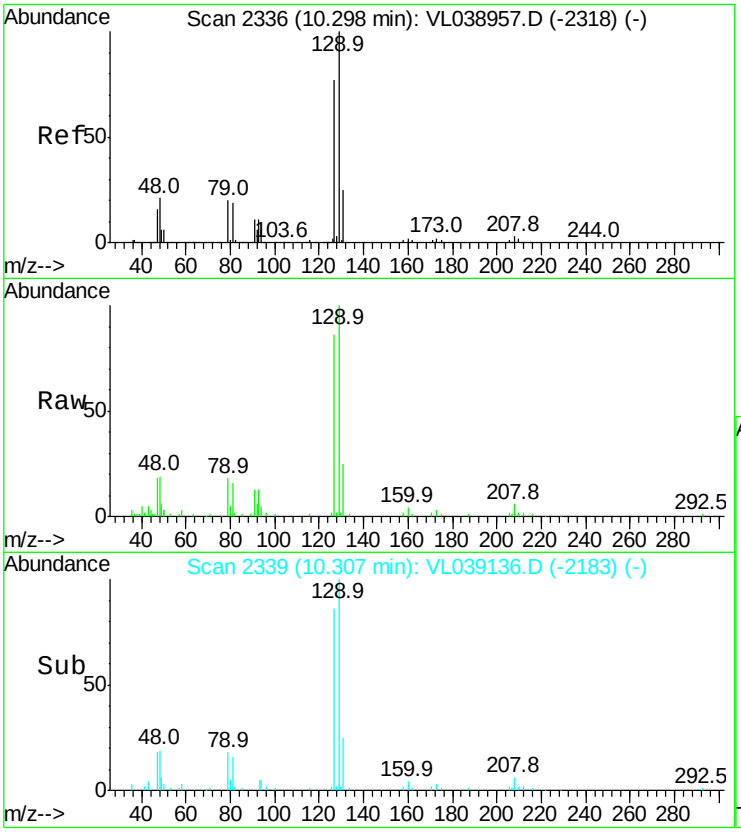


#47
1,1,2-Trichloroethane
Concen: 0.47 ppbv
RT: 9.48 min Scan# 2082
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 97 Resp: 53801

Ion	Ratio	Lower	Upper
97	100		
83	92.3	71.6	107.4
85	58.2	44.8	67.2
99	55.1	49.0	73.4



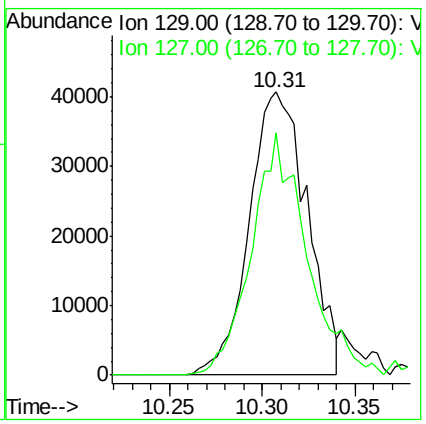


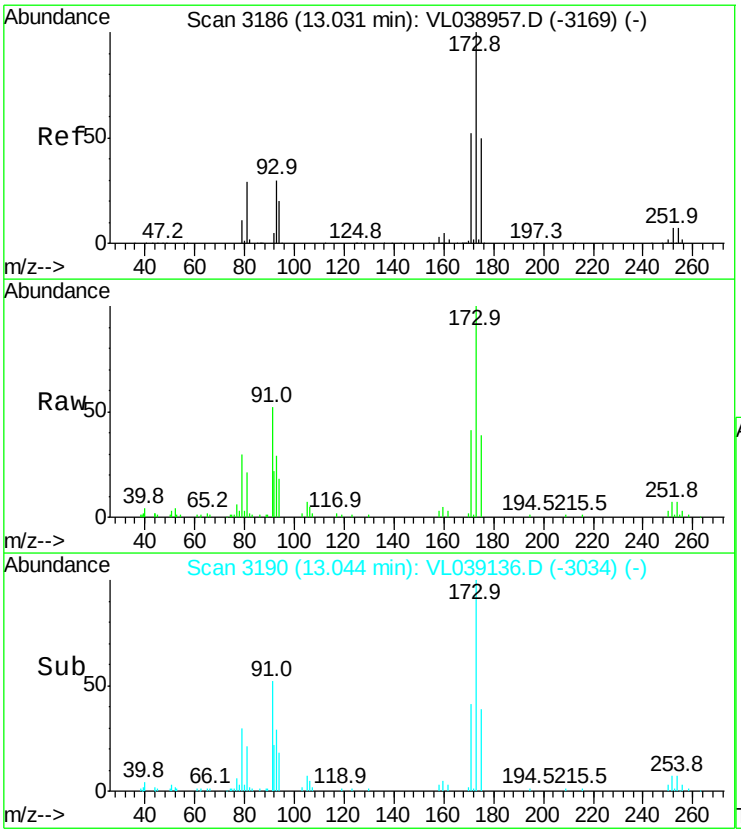
#48
Dibromochloromethane
Concen: 0.48 ppbv
RT: 10.31
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:129 Resp: 88265

Ion	Ratio	Lower	Upper
129	100		
127	85.2	40.0	119.9

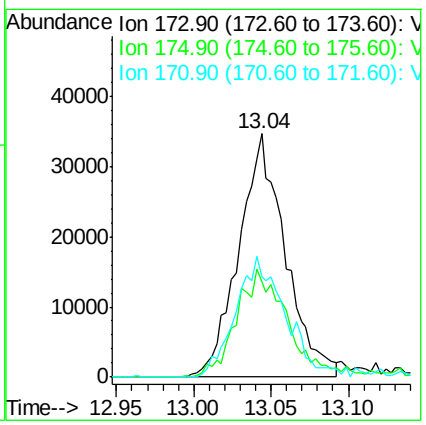


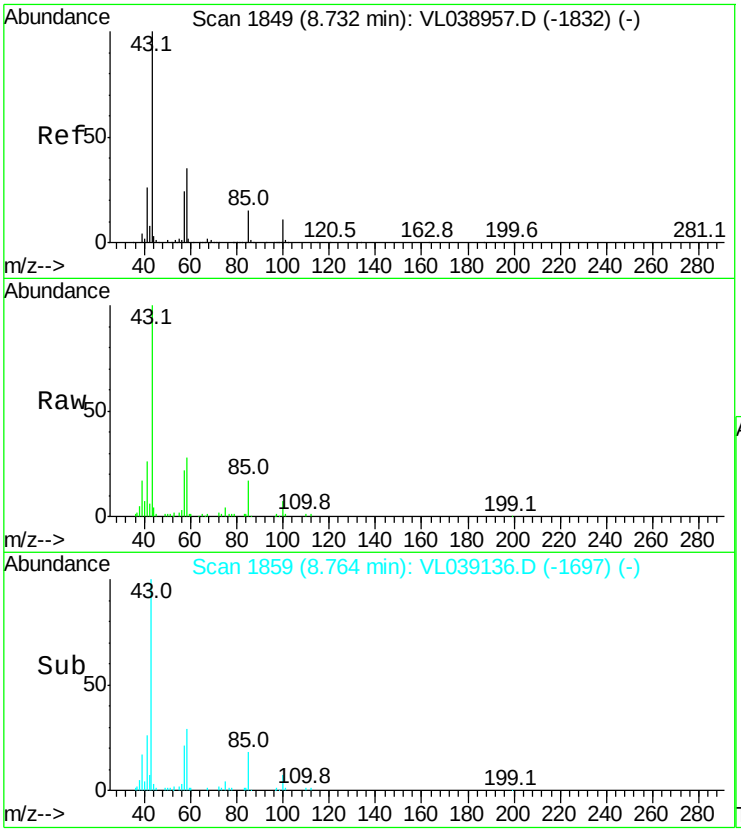


#49
Bromoform
Concen: 0.51 ppbv
RT: 13.04 min Scan# 3190
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:173 Resp: 72615

Ion	Ratio	Lower	Upper
173	100		
175	48.5	40.2	60.2
171	54.1	43.9	65.9



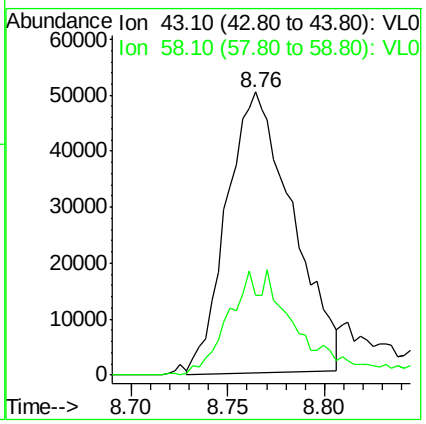


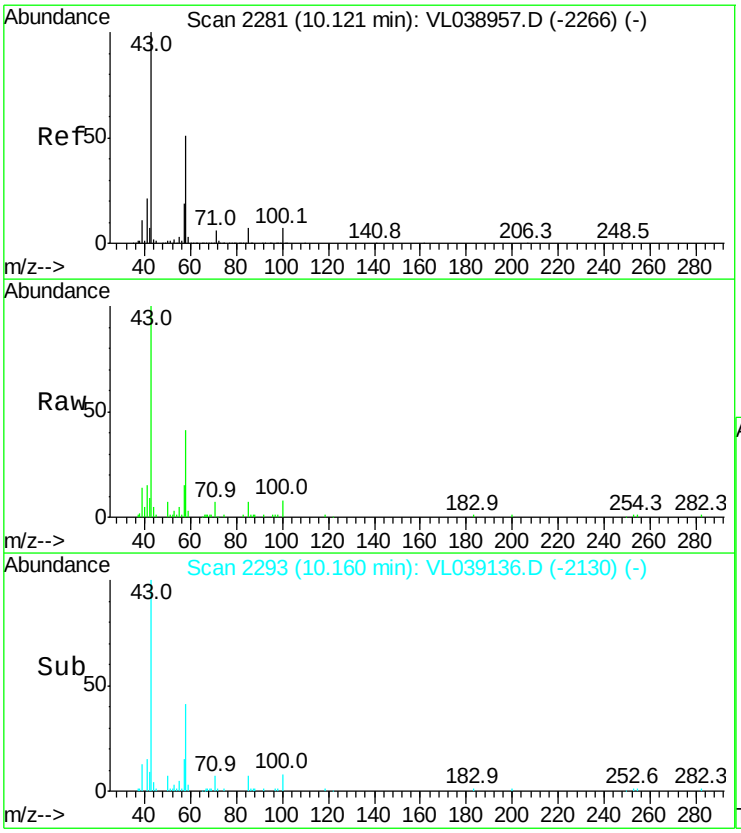
#50
4-Methyl-2-Pentanone
Concen: 0.40 ppbv
RT: 8.76
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 119104

Ion	Ratio	Lower	Upper
43	100		
58	39.4	28.7	43.1

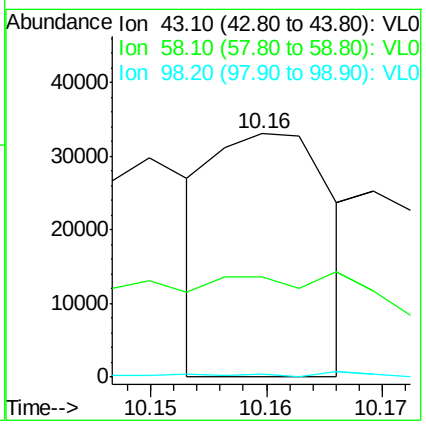


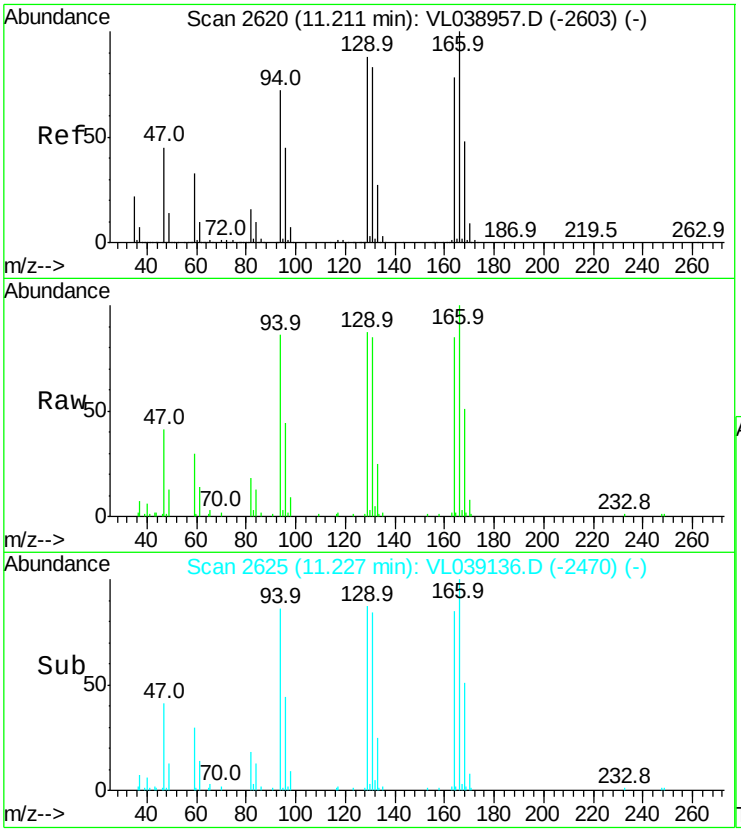


#51
2-Hexanone
Concen: 0.11 ppbv
RT: 10.16 min Scan# 2293
Delta R.T. 0.02 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 43 Resp: 23194

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.0	60.0#
98	0.0	0.1	0.1#



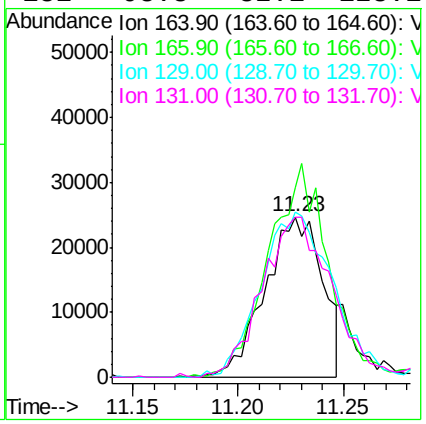


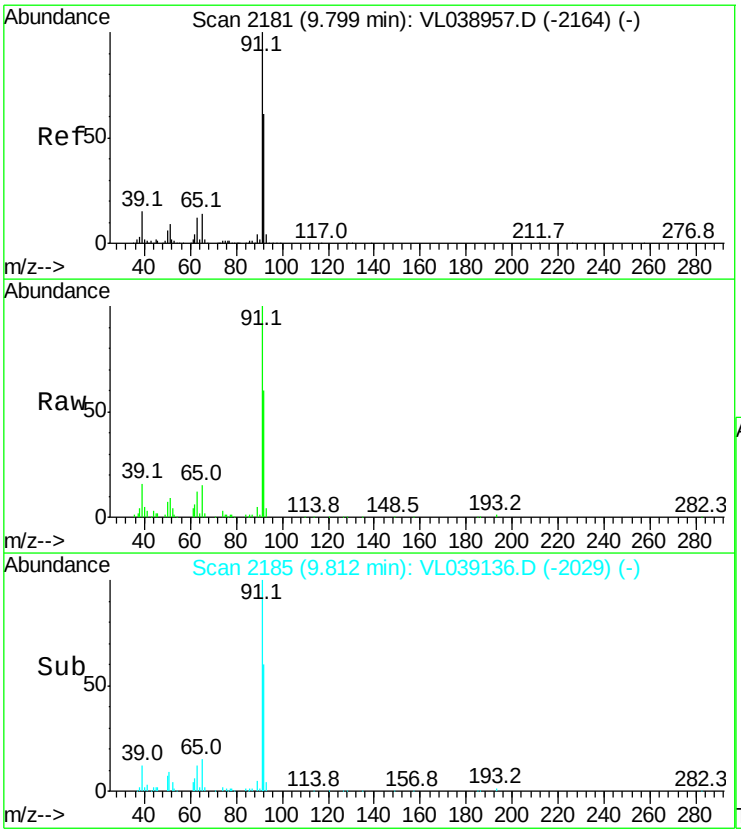
#52
Tetrachloroethene
Concen: 0.47 ppbv
RT: 11.23
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:164 Resp: 47061

Ion	Ratio	Lower	Upper
164	100		
166	117.9	96.3	144.5
129	102.9	82.5	123.7
131	98.8	82.1	123.1

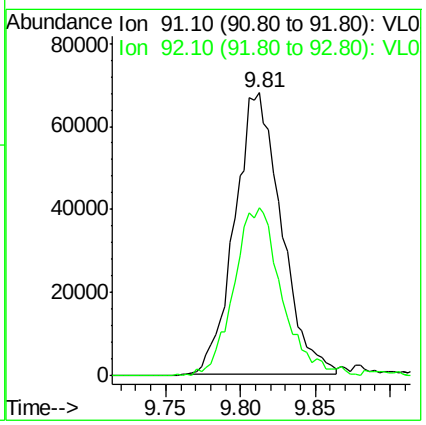


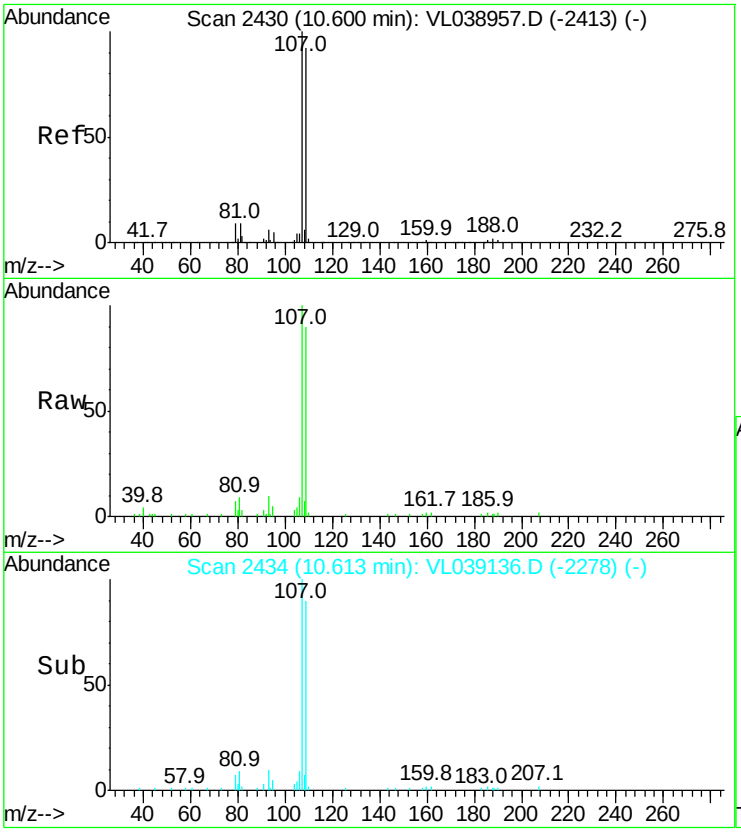


#53
Toluene
Concen: 0.47 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 91 Resp: 147665

Ion	Ratio	Lower	Upper
91	100		
92	61.0	48.1	72.1



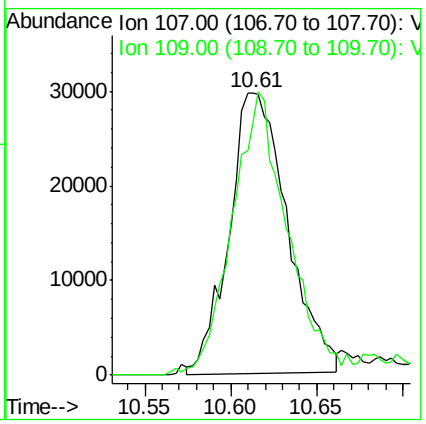


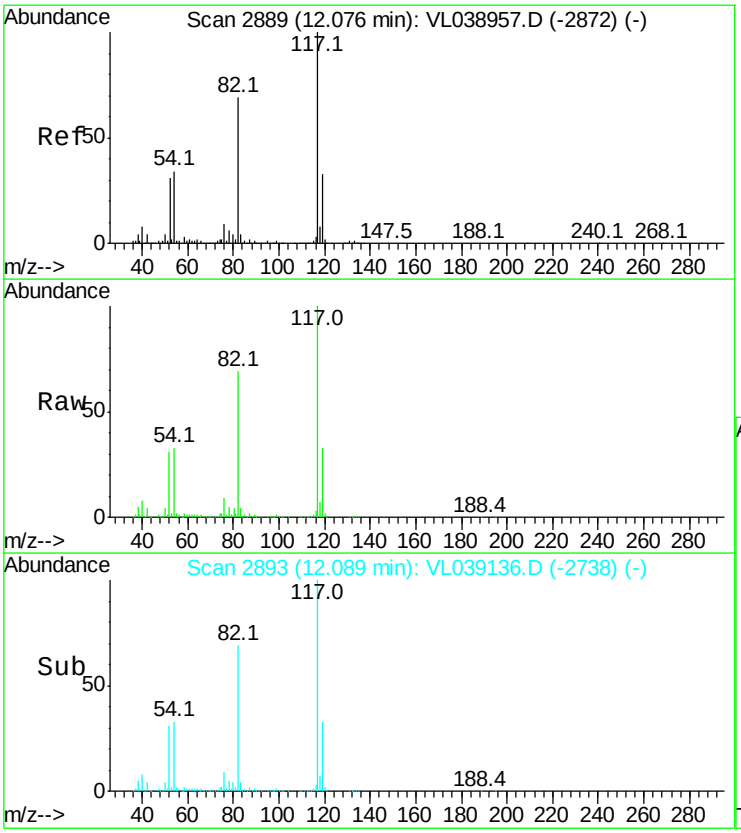
#54
1,2-Dibromoethane
Concen: 0.45 ppbv
RT: 10.61
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:107 Resp: 70168

Ion	Ratio	Lower	Upper
107	100		
109	89.6	71.4	107.0

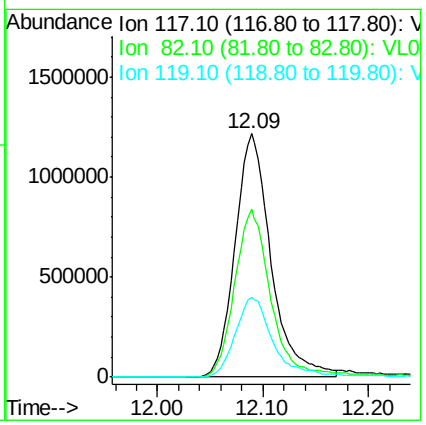


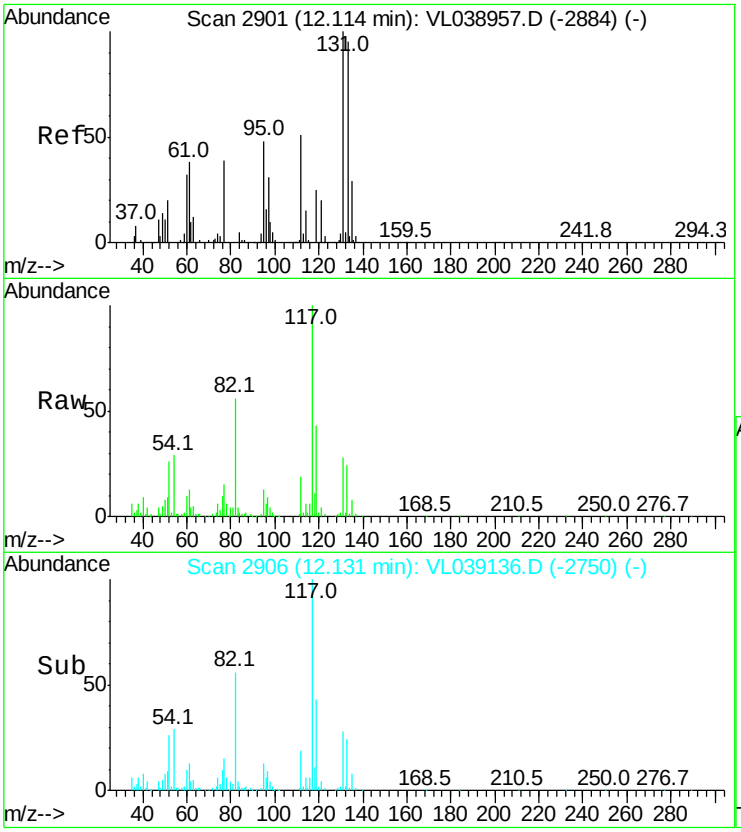


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:117 Resp: 2886299

Ion	Ratio	Lower	Upper
117	100		
82	71.2	55.1	82.7
119	35.3	24.7	37.1



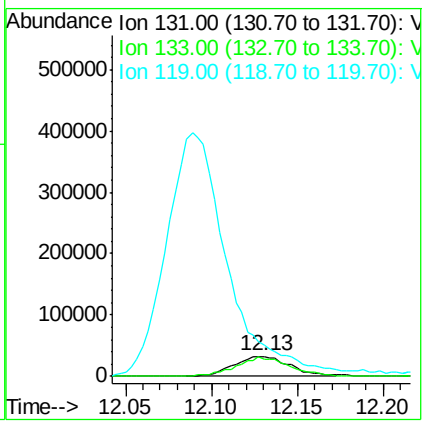


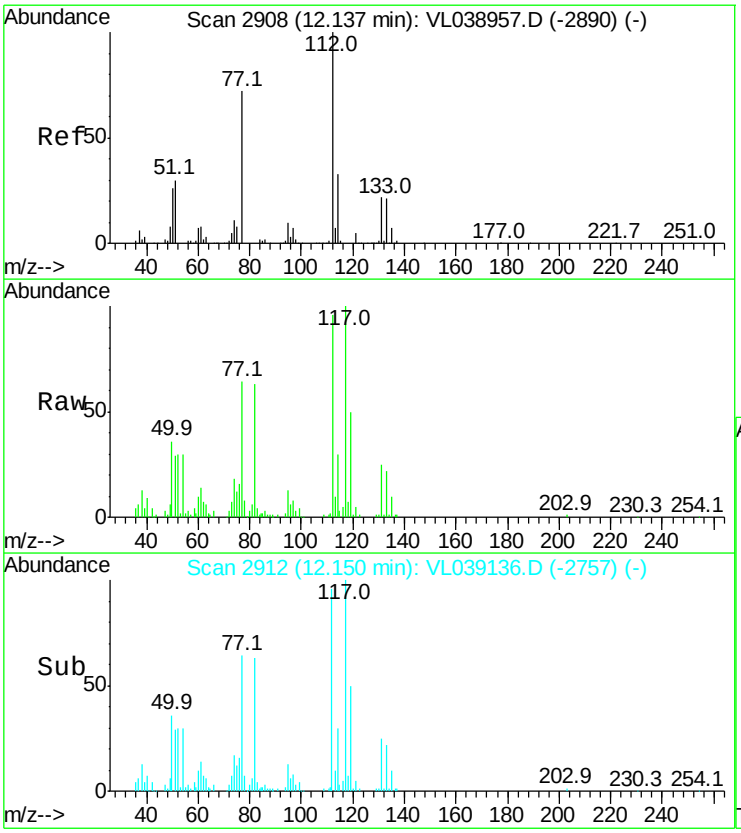
#56
1,1,1,2-Tetrachloroethane
Concen: 0.58 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:131 Resp: 73849

Ion	Ratio	Lower	Upper
131	100		
133	95.4	78.6	117.8
119	1372.3	51.7	77.5#

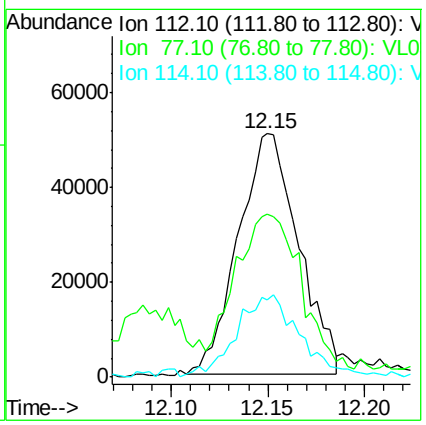


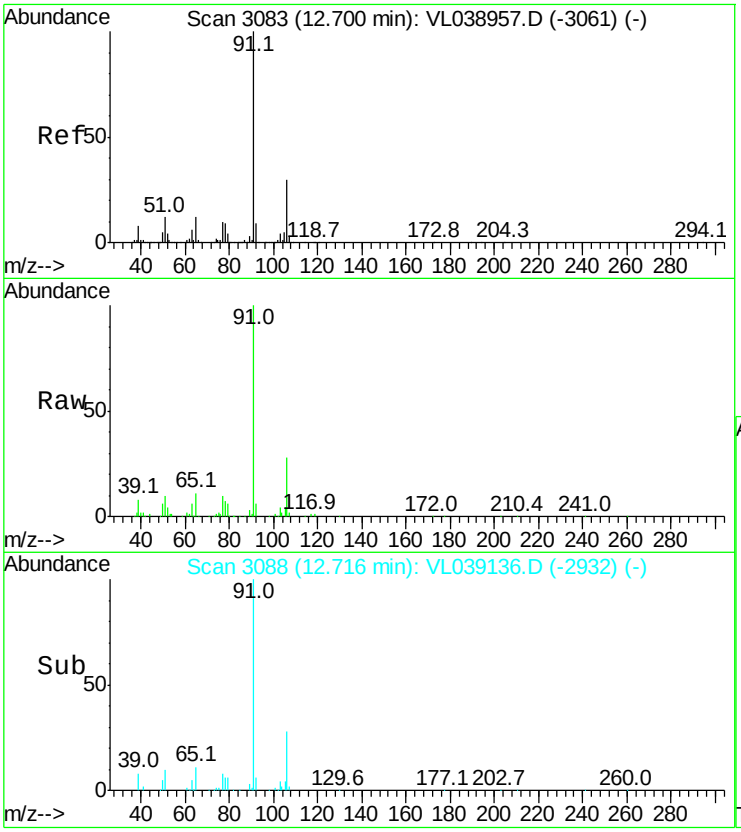


#57
Chlorobenzene
Concen: 0.51 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:112 Resp: 110171

Ion	Ratio	Lower	Upper
112	100		
77	61.4	56.5	84.7
114	30.9	30.3	37.1



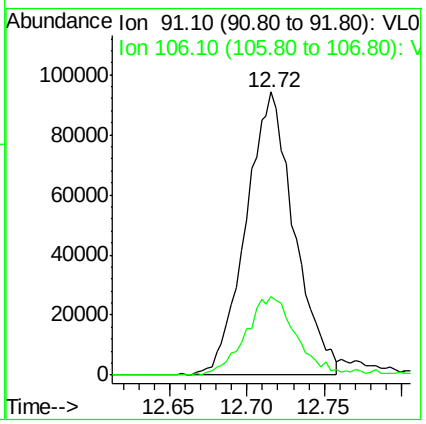


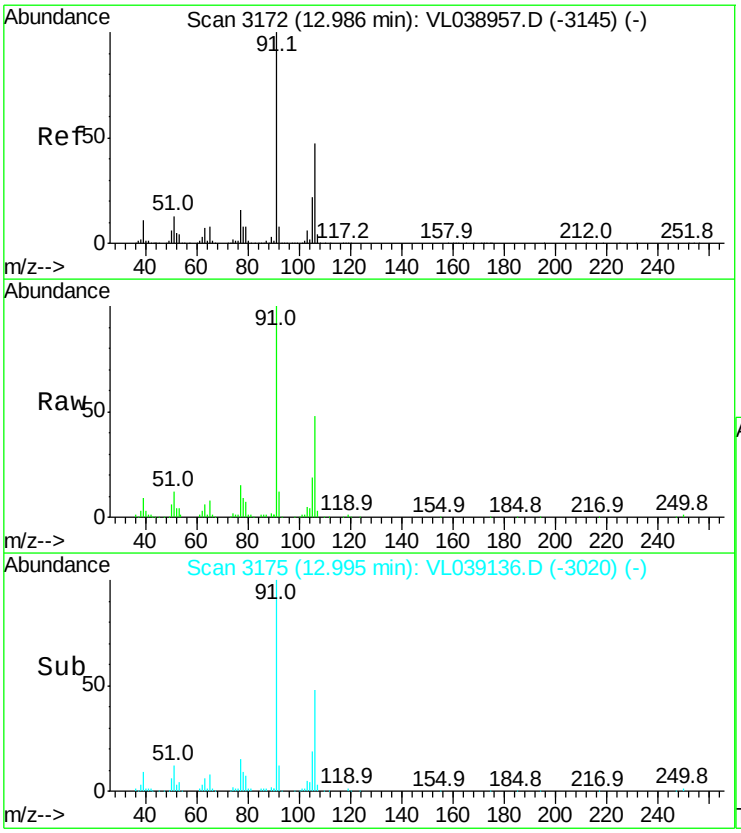
#58
Ethyl Benzene
Concen: 0.49 ppbv
RT: 12.72
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 205037

Ion	Ratio	Lower	Upper
91	100		
106	27.5	24.2	36.4

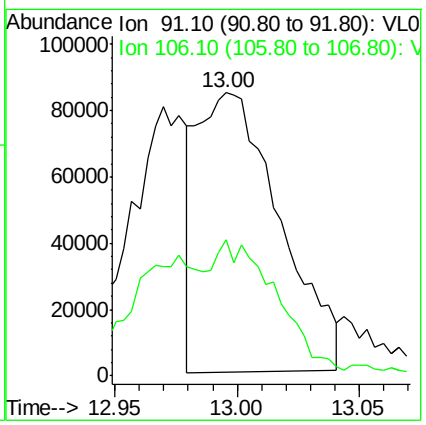


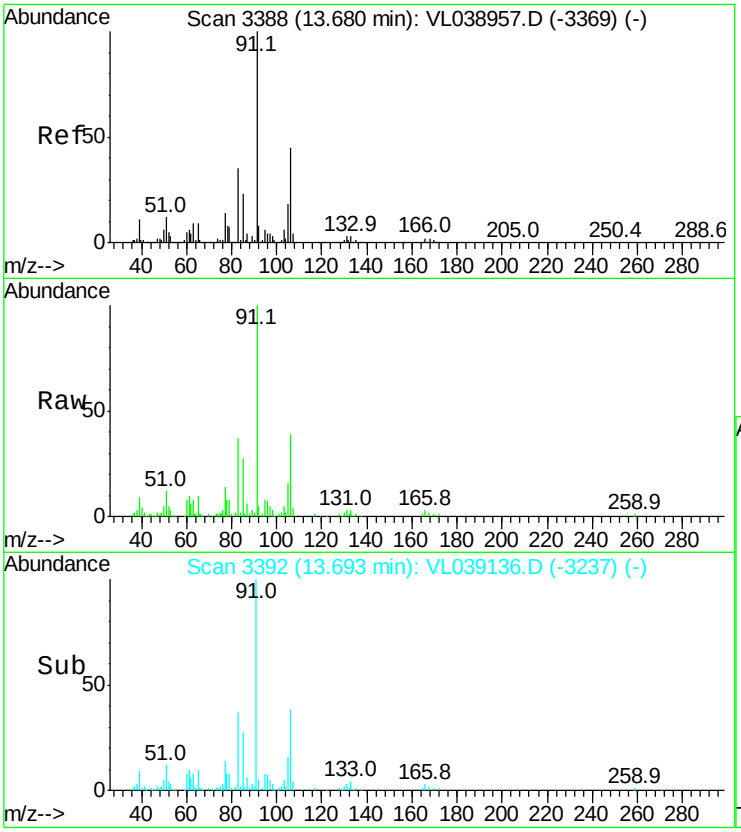


#59
m/p-Xylene
Concen: 0.56 ppbv
RT: 13.00 min Scan# 3175
Delta R.T. -0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 91 Resp: 198082

Ion	Ratio	Lower	Upper
91	100		
106	78.5	34.3	51.5#



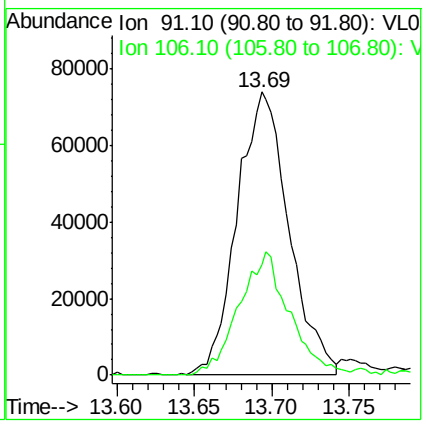


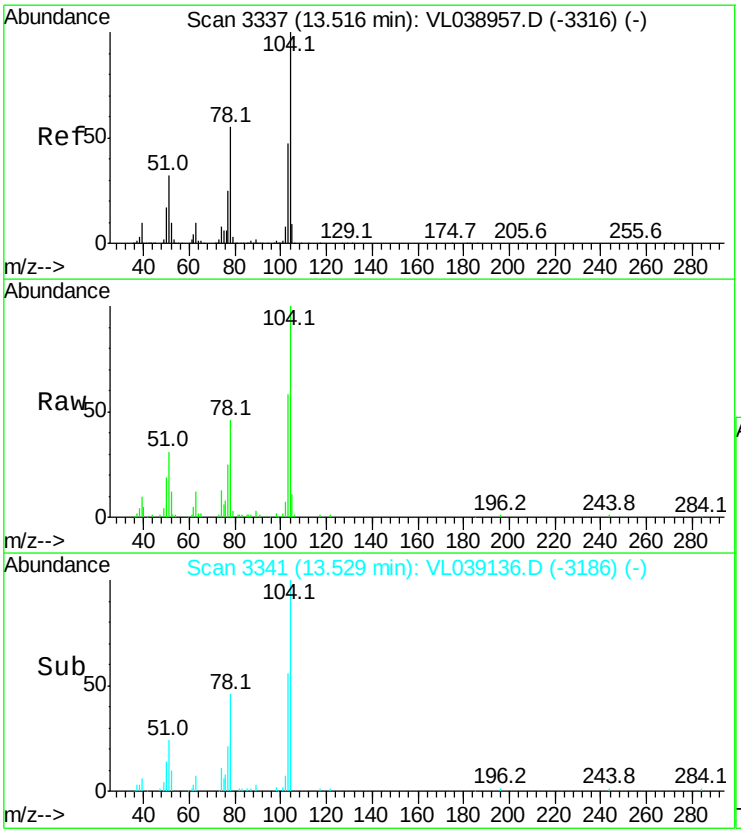
#60
o-Xylene
Concen: 0.51 ppbv
RT: 13.69
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 170643

Ion	Ratio	Lower	Upper
91	100		
106	43.7	22.3	66.9

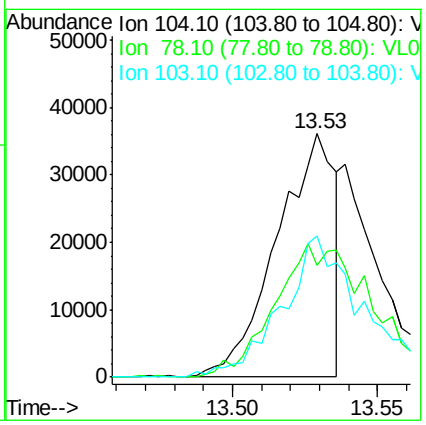


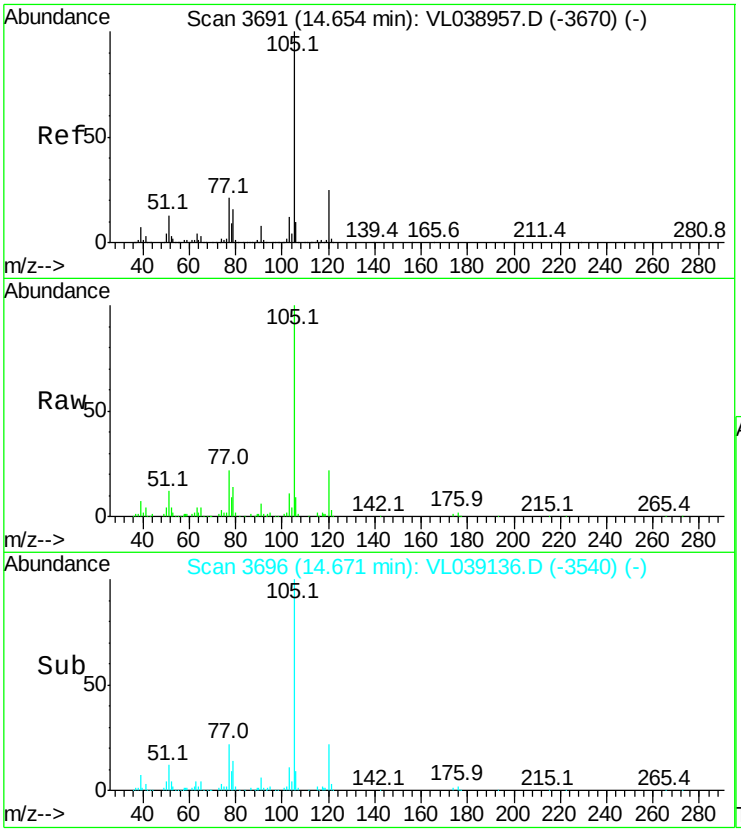


#61
Styrene
Concen: 0.28 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:104 Resp: 50348

Ion	Ratio	Lower	Upper
104	100		
78	98.4	45.7	68.5#
103	84.5	39.6	59.4#



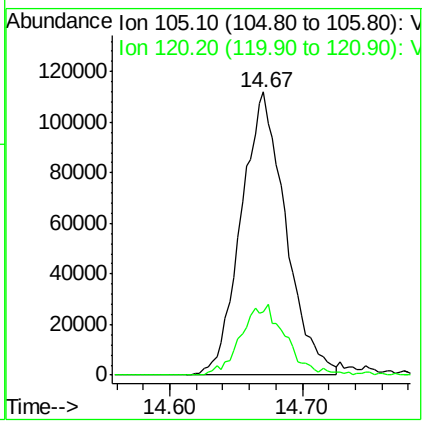


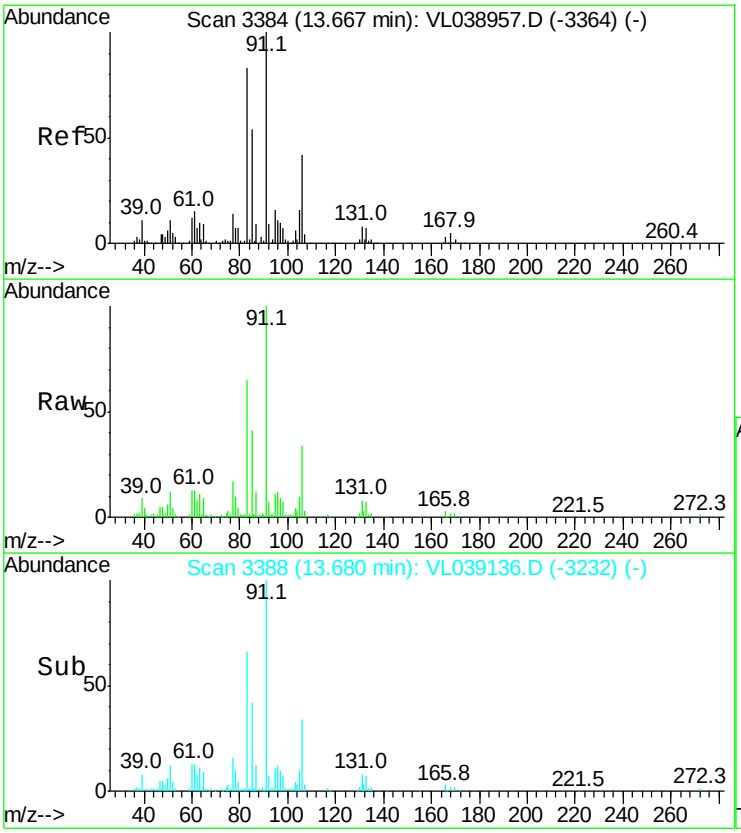
#62
Isopropylbenzene
Concen: 0.54 ppbv
RT: 14.67
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 262321

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.3	30.5

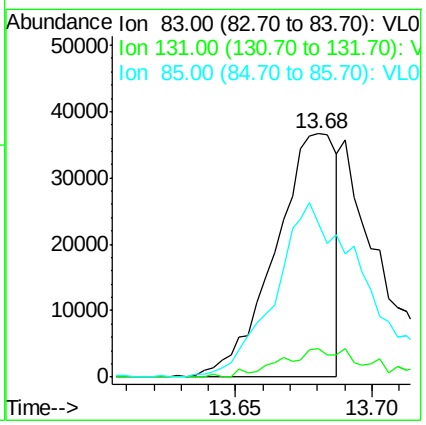


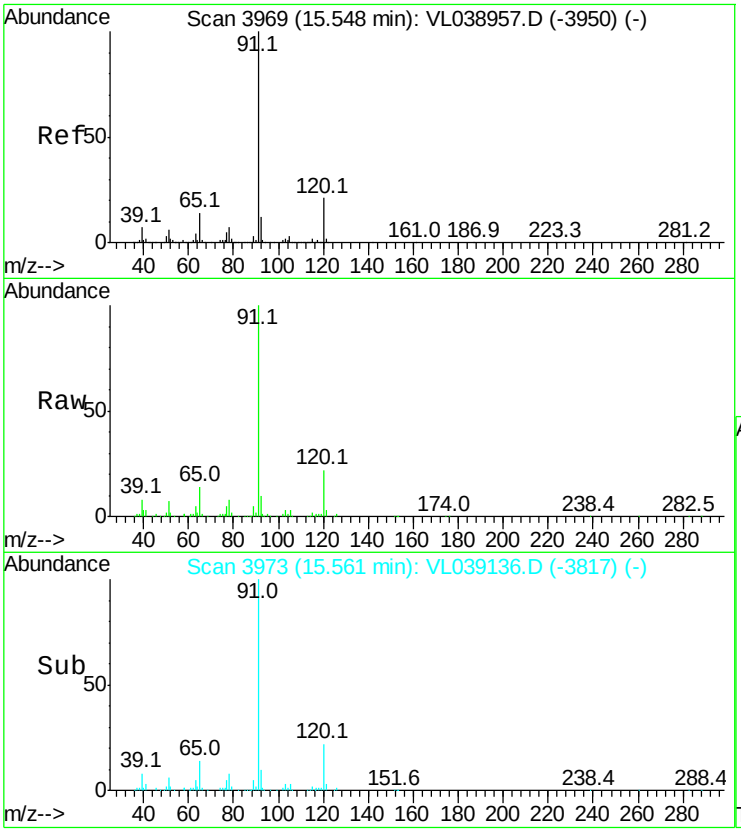


#63
1,1,2,2-Tetrachloroethane
Concen: 0.29 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 83 Resp: 56856

Ion	Ratio	Lower	Upper
83	100		
131	17.2	4.8	14.3#
85	114.5	33.0	99.0#



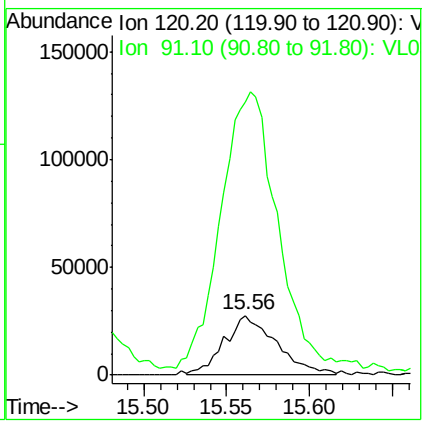


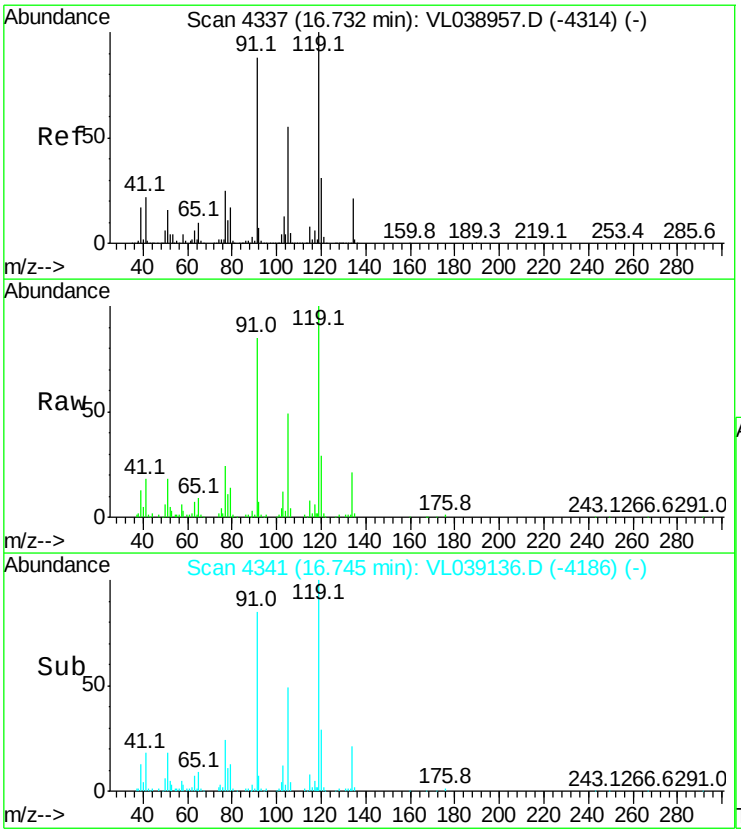
#64
n-propylbenzene
Concen: 0.51 ppbv
RT: 15.56
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:120 Resp: 59928

Ion	Ratio	Lower	Upper
120	100		
91	555.9	388.4	582.6

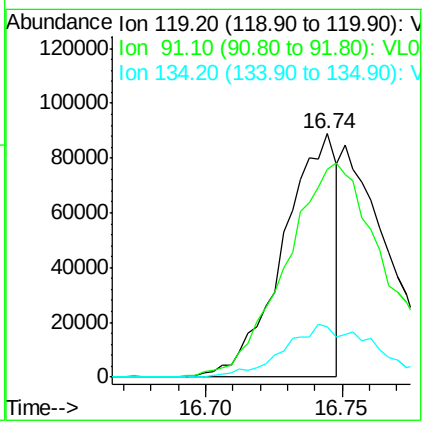


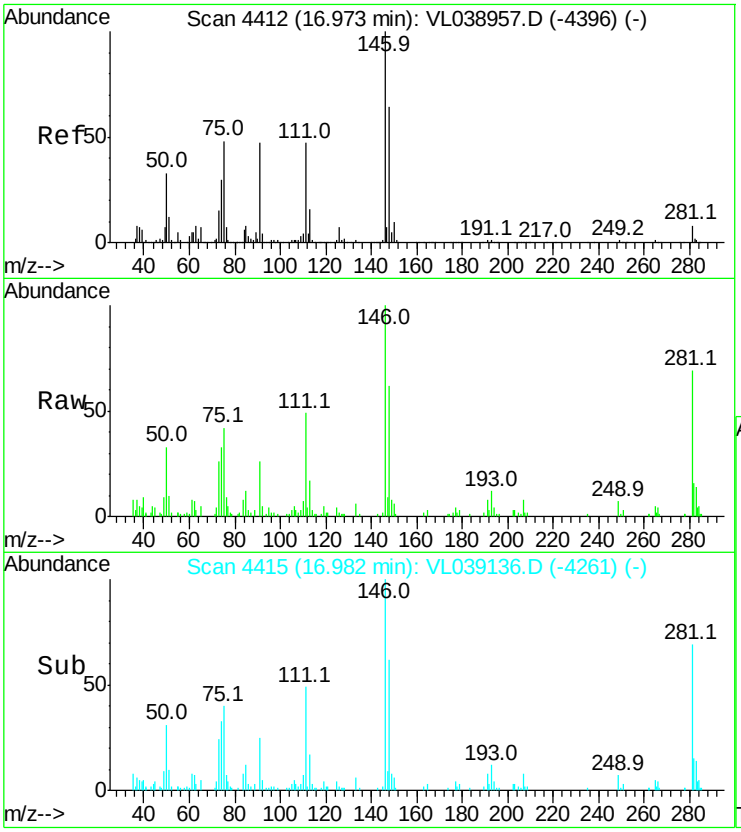


#65
tert-Butylbenzene
Concen: 0.28 ppbv
RT: 16.74 min Scan# 4341
Delta R.T. -0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:119 Resp: 120884

Ion	Ratio	Lower	Upper
119	100		
91	0.0	67.1	100.7#
134	37.4	15.8	23.8#



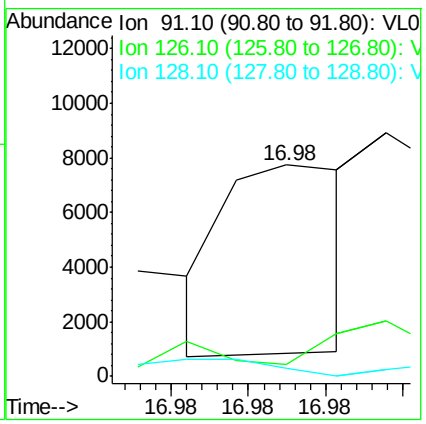


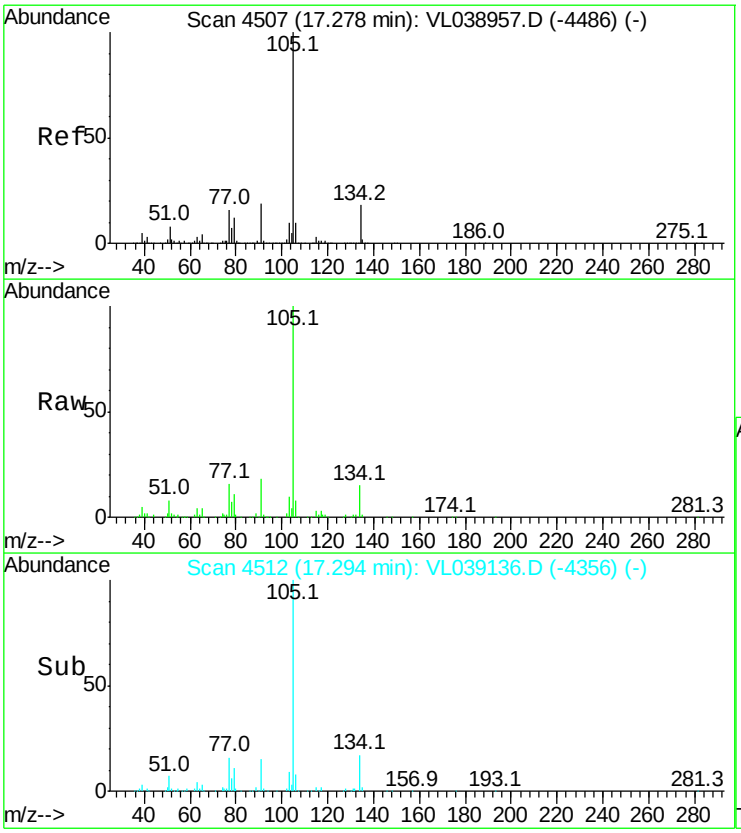
#66
Benzyl Chloride
Concen: 0.07 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 3866

Ion	Ratio	Lower	Upper
91	100		
126	111.2	13.4	20.0#
128	14.7	4.1	6.1#

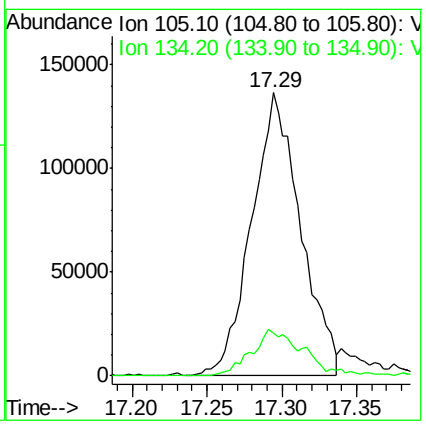


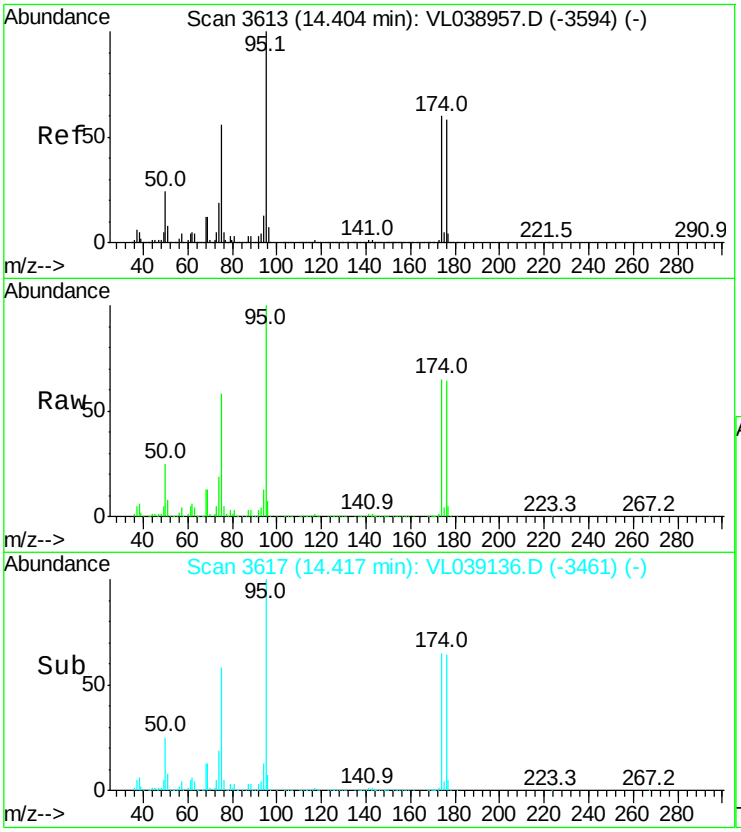


#67
sec-Butylbenzene
Concen: 0.51 ppbv
RT: 17.29 min Scan# 4512
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:105 Resp: 310366

Ion	Ratio	Lower	Upper
105	100		
134	18.1	14.4	21.6



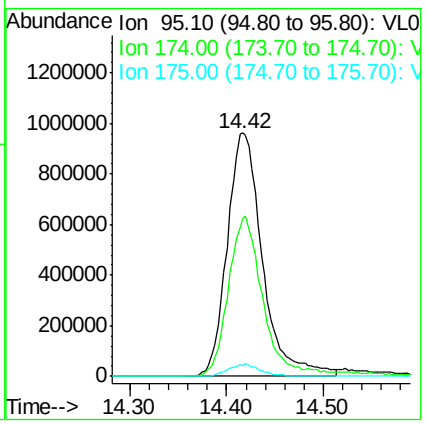


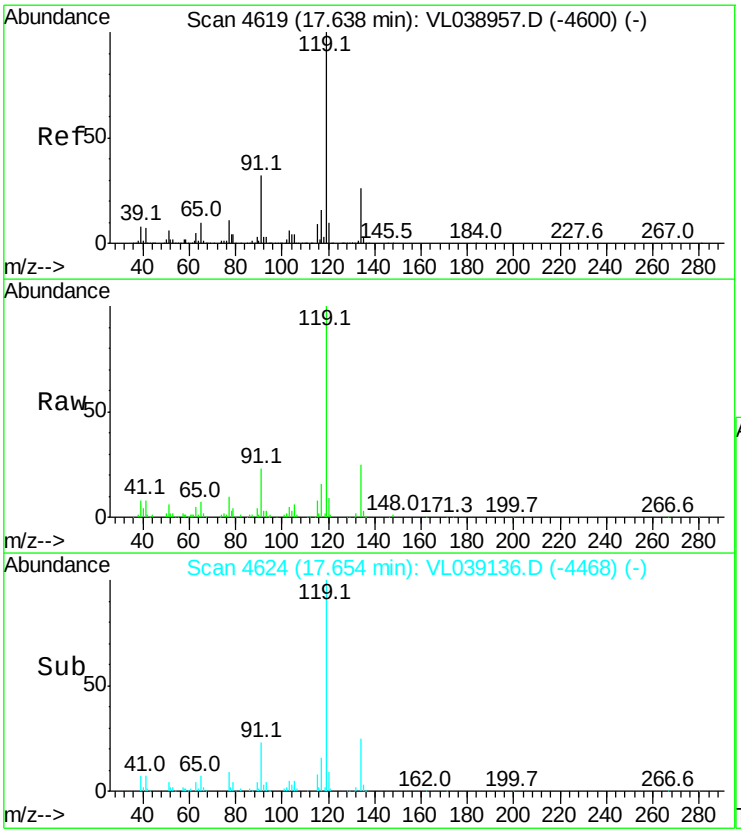
#68
1-Bromo-4-Fluorobenzene
Concen: 10.70 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 95 Resp: 2444672

Ion	Ratio	Lower	Upper
95	100		
174	66.7	53.8	80.8
175	5.0	4.1	6.1

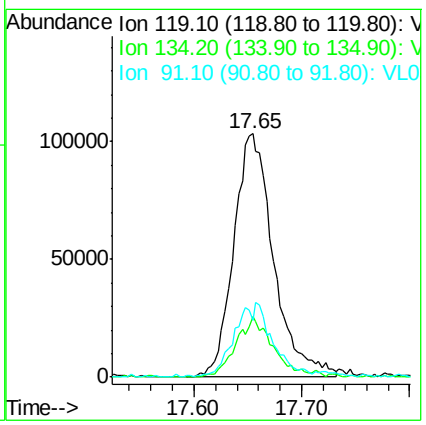


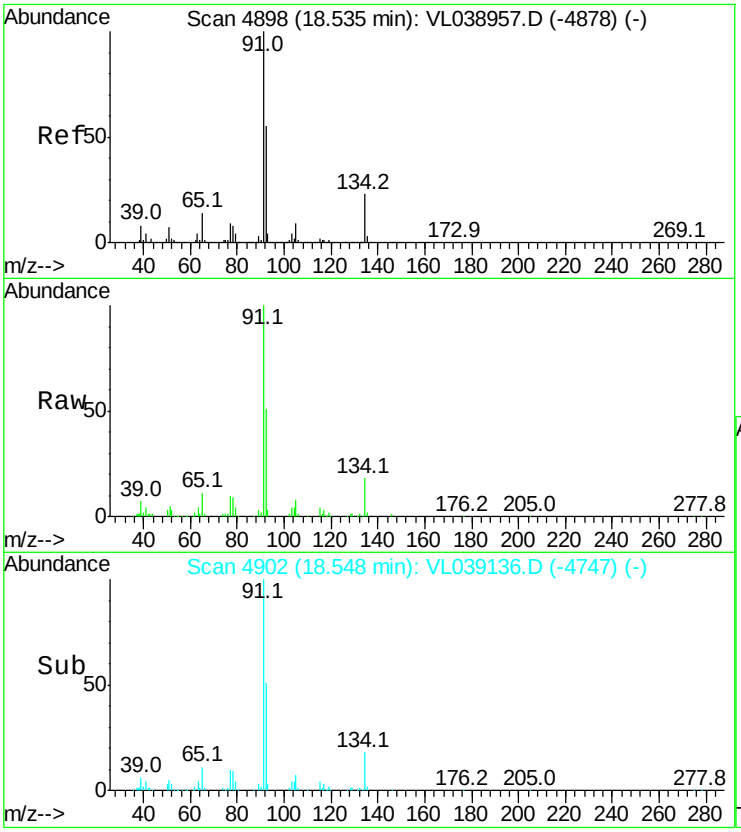


#69
p-Isopropyltoluene
Concen: 0.54 ppbv
RT: 17.65 min Scan# 4624
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:119 Resp: 266033

Ion	Ratio	Lower	Upper
119	100		
134	24.0	20.4	30.6
91	30.8	24.2	36.4



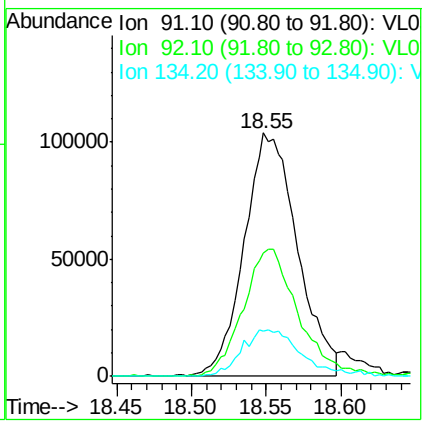


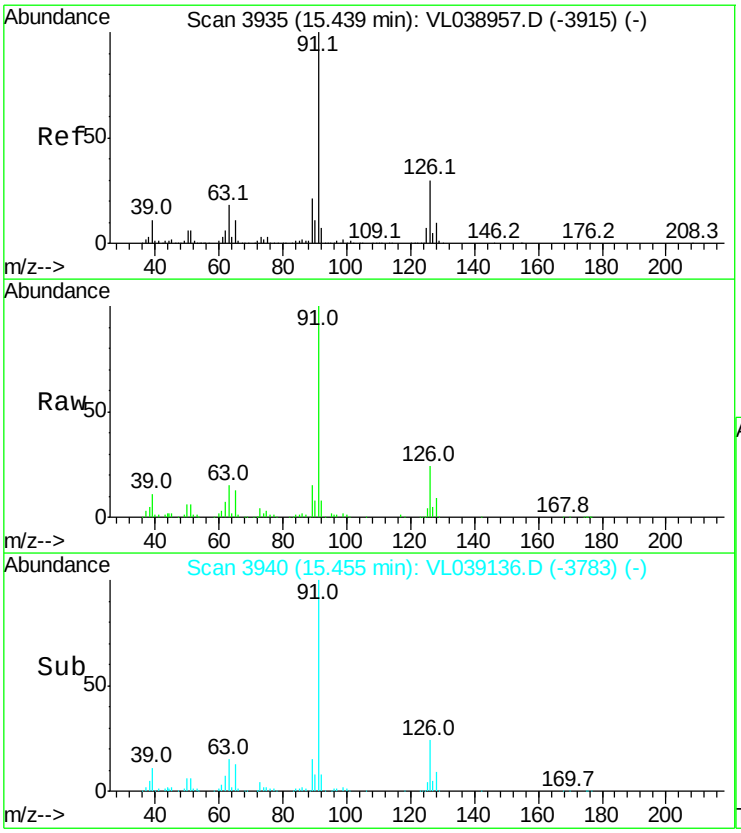
#70
n-Butylbenzene
Concen: 0.49 ppbv
RT: 18.55
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 254998

Ion	Ratio	Lower	Upper
91	100		
92	55.6	43.6	65.4
134	21.6	17.7	26.5

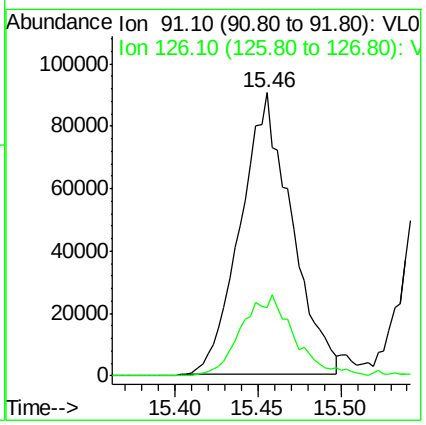


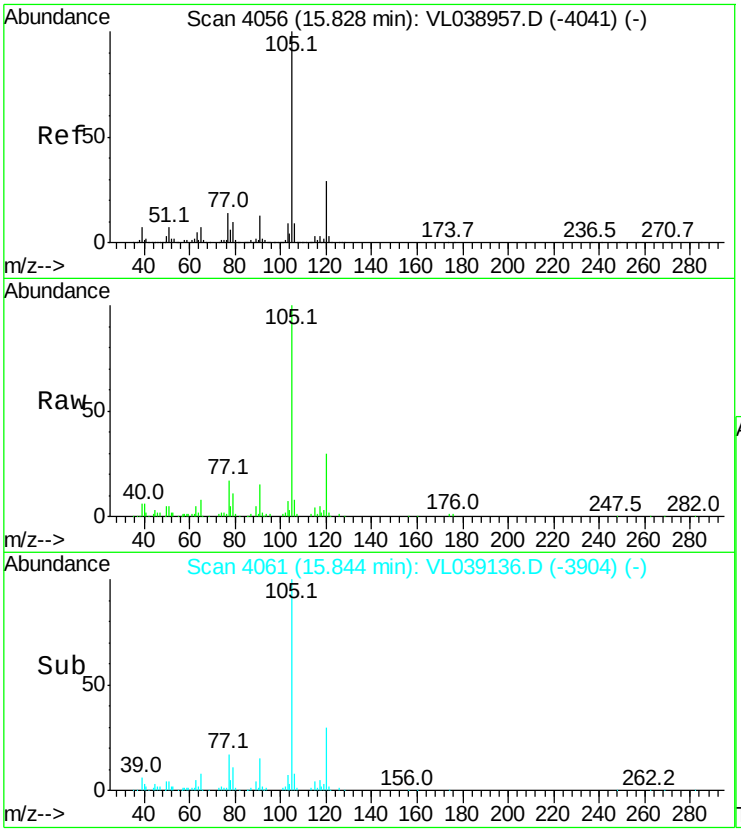


#71
2-Chlorotoluene
Concen: 0.51 ppbv
RT: 15.46 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion: 91 Resp: 192795

Ion	Ratio	Lower	Upper
91	100		
126	30.4	12.2	48.6



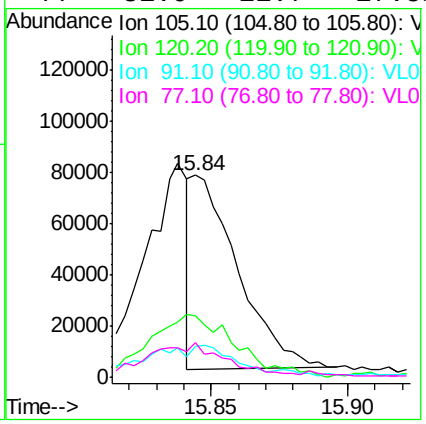


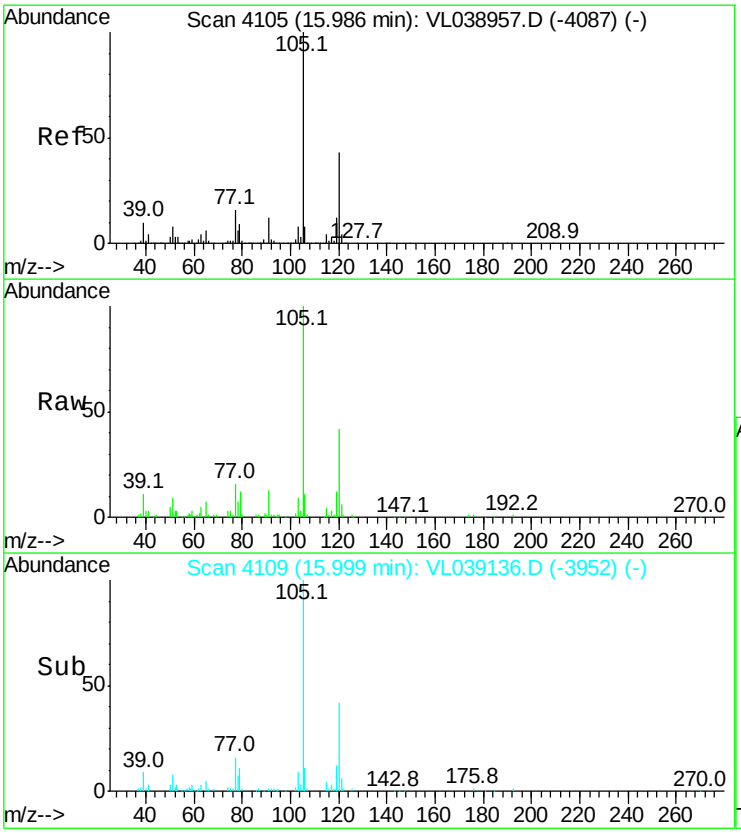
#72
4-Ethyltoluene
Concen: 0.23 ppbv
RT: 15.84
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 87782

Ion	Ratio	Lower	Upper
105	100		
120	67.4	23.9	35.9#
91	32.9	10.6	16.0#
77	31.9	11.7	17.5#

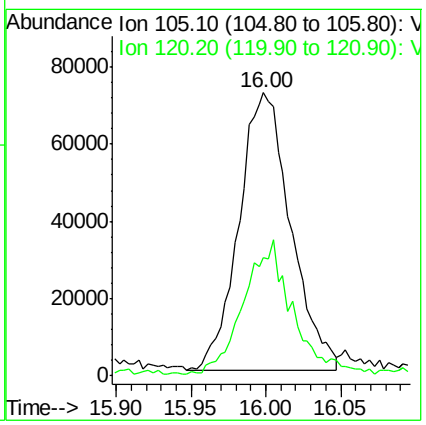


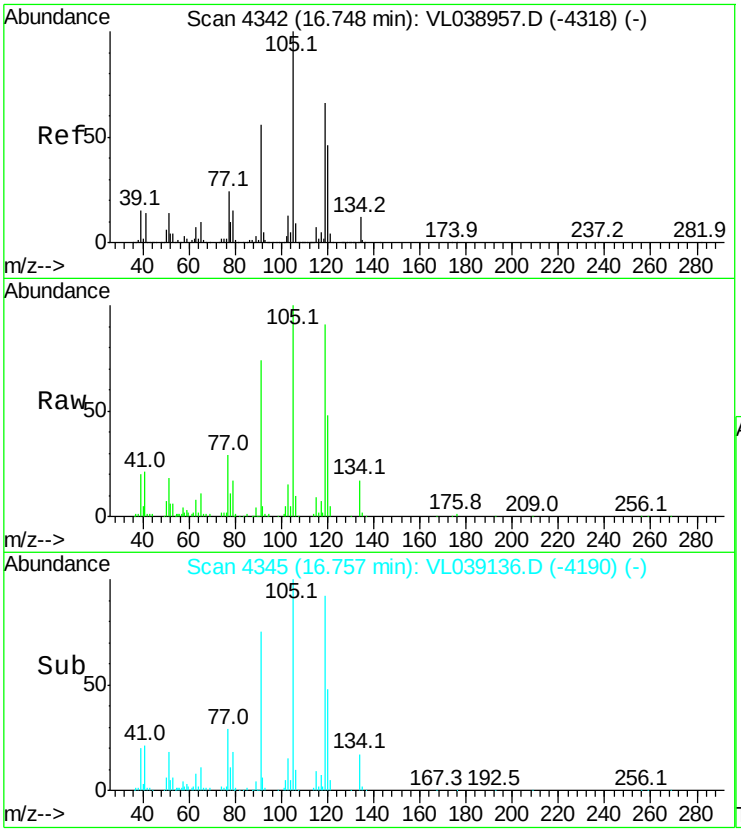


#73
1,3,5-Trimethylbenzene
Concen: 0.50 ppbv
RT: 16.00 min Scan# 4109
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:105 Resp: 172215

Ion	Ratio	Lower	Upper
105	100		
120	41.9	36.7	55.1



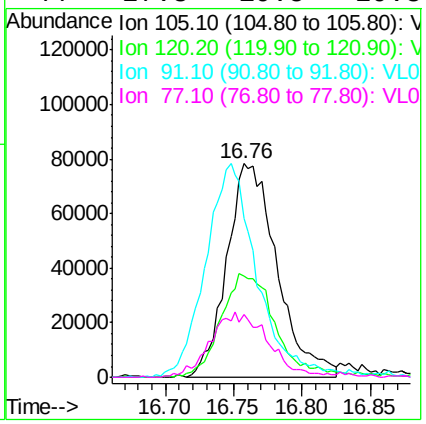


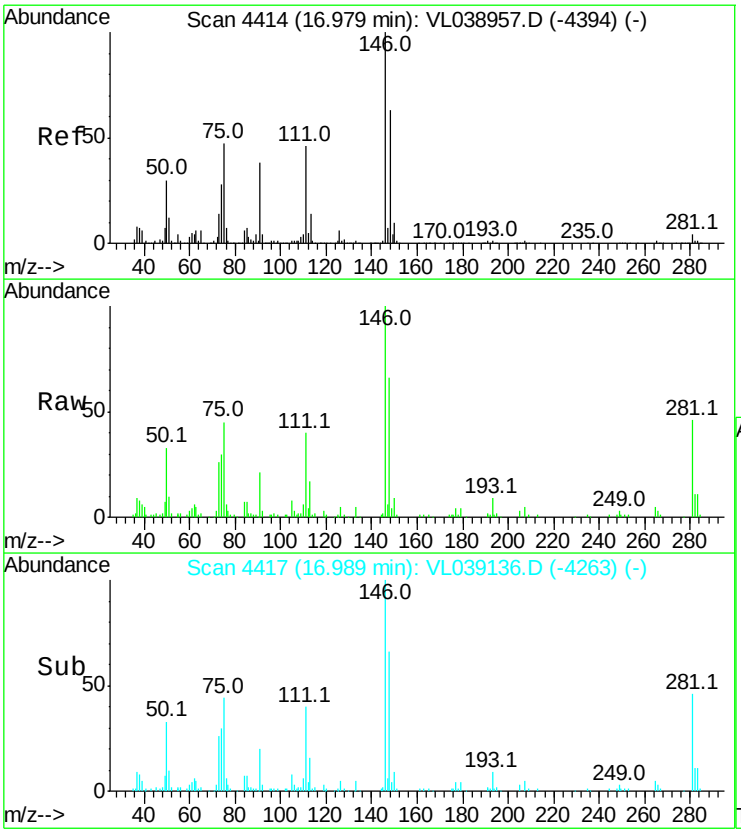
#74
1,2,4-Trimethylbenzene
Concen: 0.54 ppbv
RT: 16.76
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 200717

Ion	Ratio	Lower	Upper
105	100		
120	45.8	38.1	57.1
91	71.3	47.4	71.0#
77	27.8	19.5	29.3

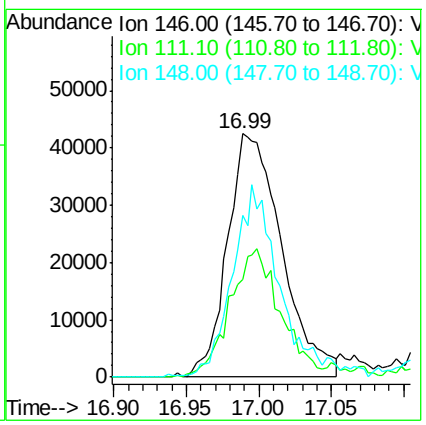


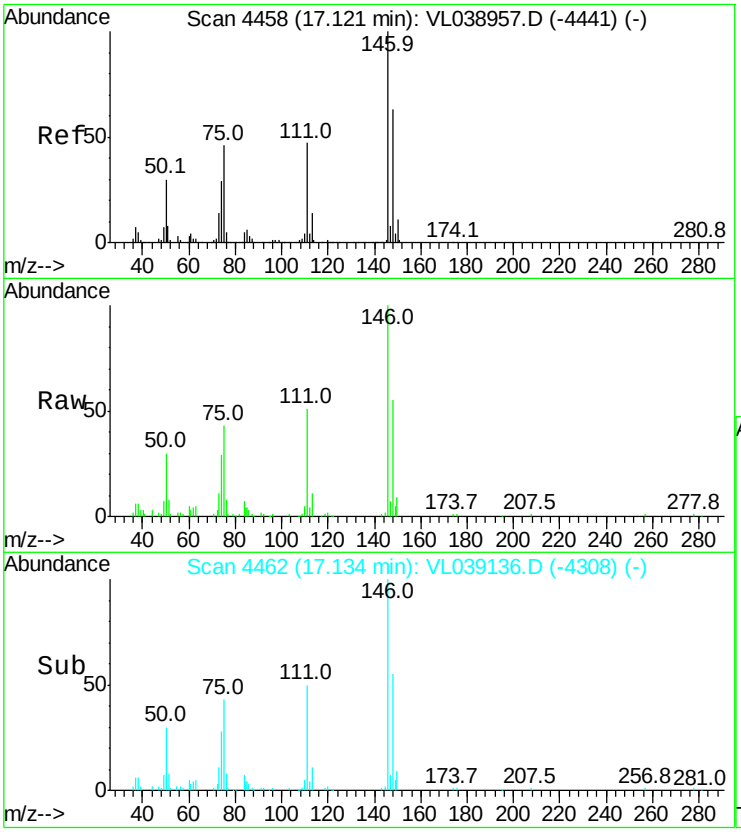


#75
1,3-Dichlorobenzene
Concen: 0.54 ppbv
RT: 16.99 min Scan# 4417
Delta R.T. -0.01 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:146 Resp: 110295

Ion	Ratio	Lower	Upper
146	100		
111	51.9	23.8	71.4
148	69.6	32.4	97.0



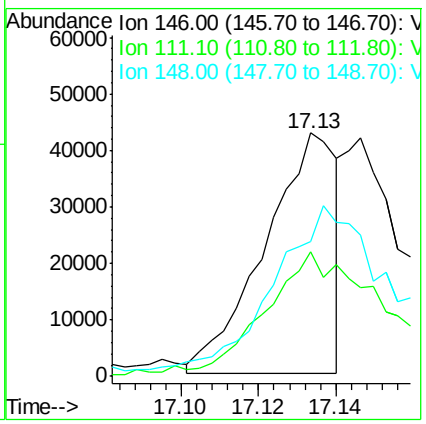


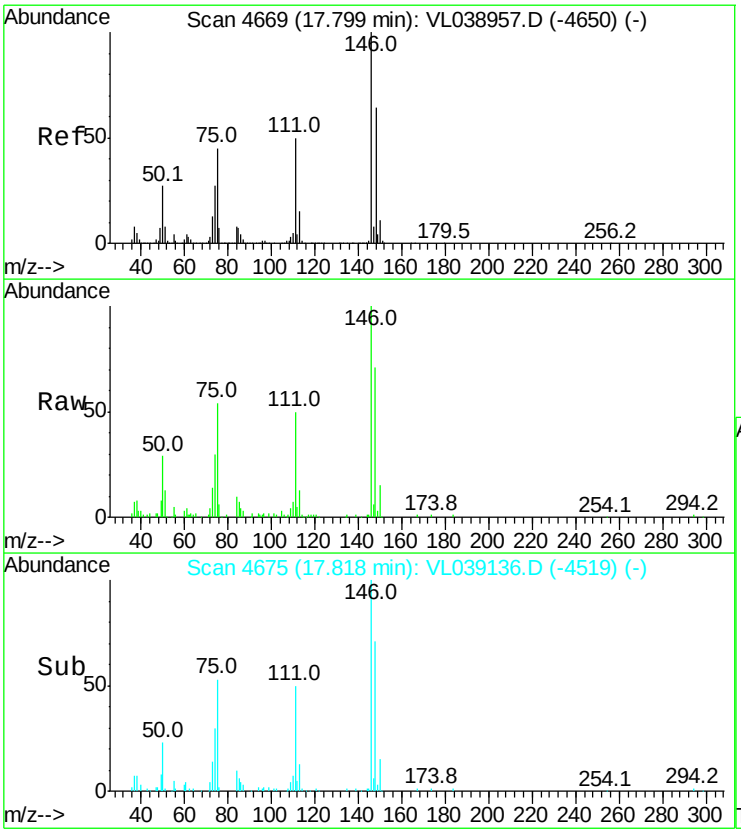
#76
1,4-Dichlorobenzene
Concen: 0.27 ppbv
RT: 17.13
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 54654

Ion	Ratio	Lower	Upper
146	100		
111	90.2	23.6	71.0#
148	140.2	33.7	101.0#

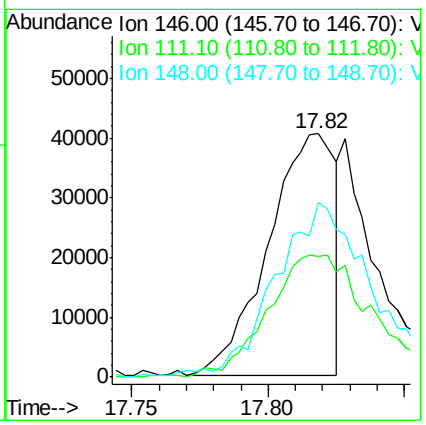


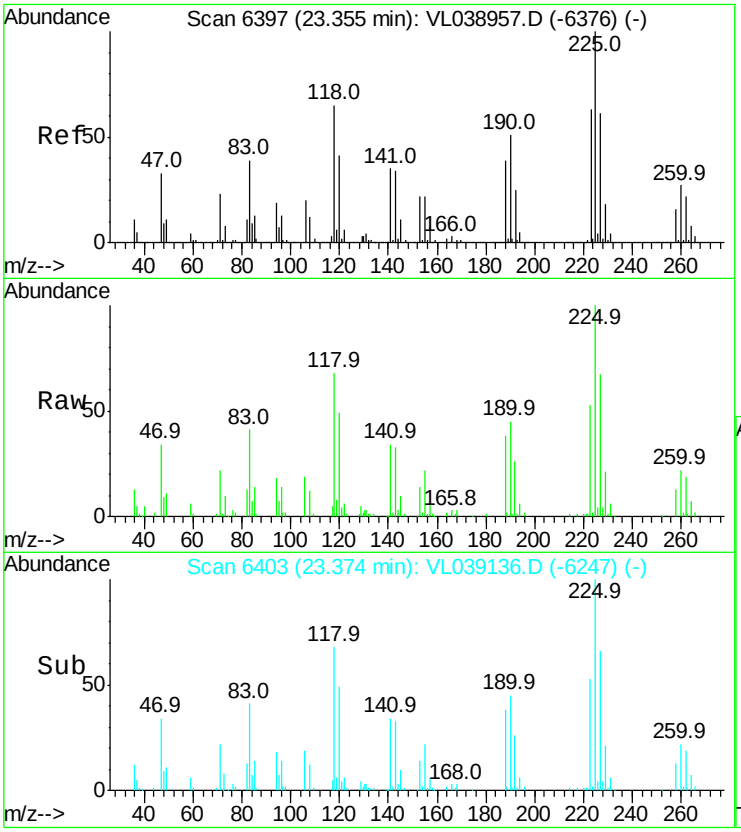


#77
1,2-Dichlorobenzene
Concen: 0.34 ppbv
RT: 17.82 min Scan# 4675
Delta R.T. 0.00 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:146 Resp: 68688

Ion	Ratio	Lower	Upper
146	100		
111	83.8	24.4	73.4#
148	113.4	32.1	96.5#



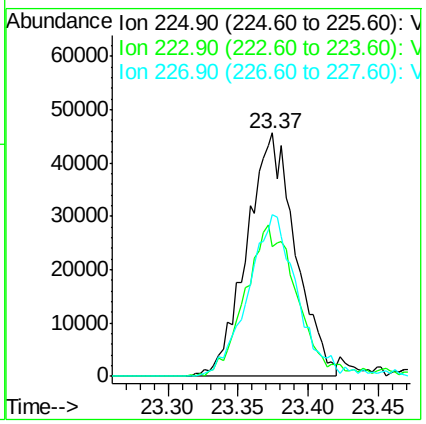


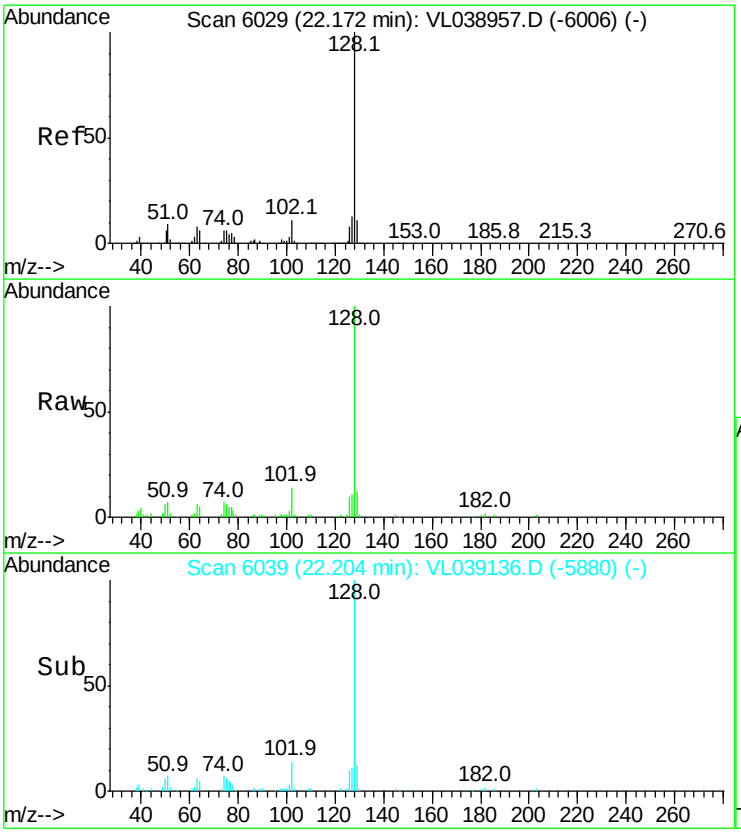
#78
Hexachloro-1,3-Butadiene
Concen: 0.59 ppbv
RT: 23.37
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:225 Resp: 110088

Ion	Ratio	Lower	Upper
225	100		
223	67.7	51.4	77.0
227	68.0	50.6	75.8

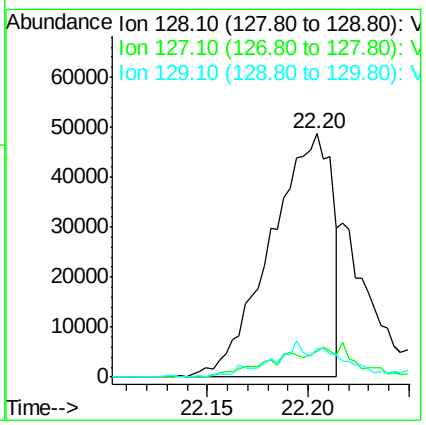


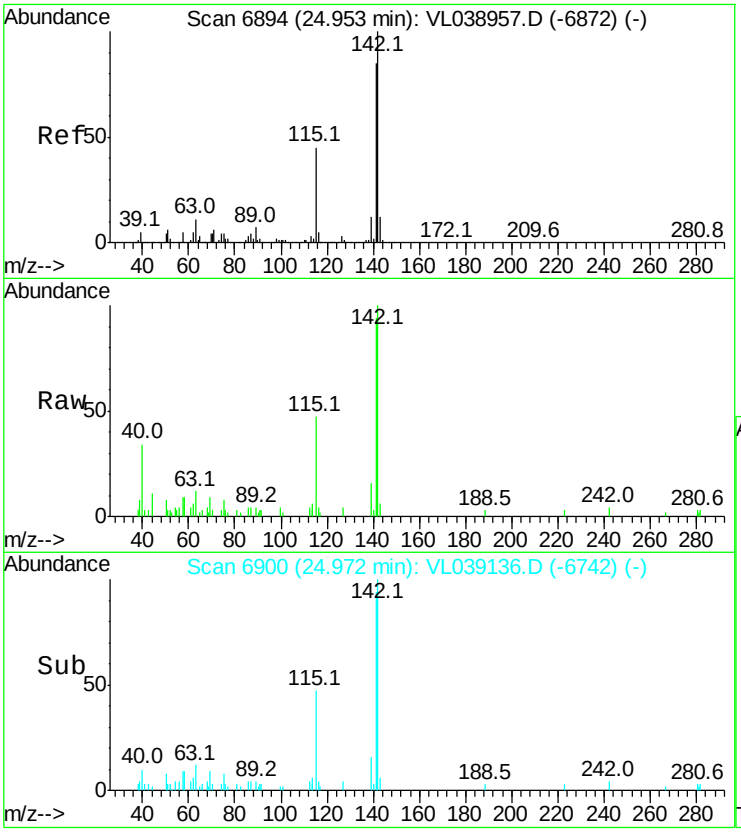


#79
Naphthalene
Concen: 0.34 ppbv
RT: 22.20 min Scan# 6039
Delta R.T. 0.01 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:128 Resp: 102813

Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.4	15.6
129	11.6	9.0	13.6



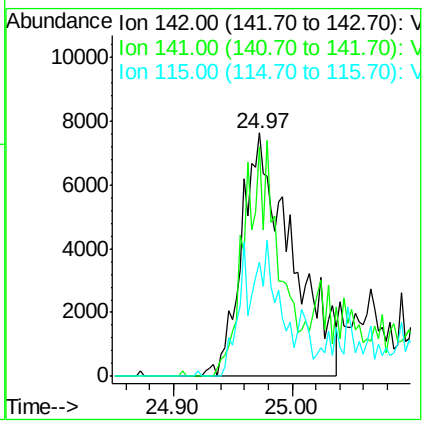


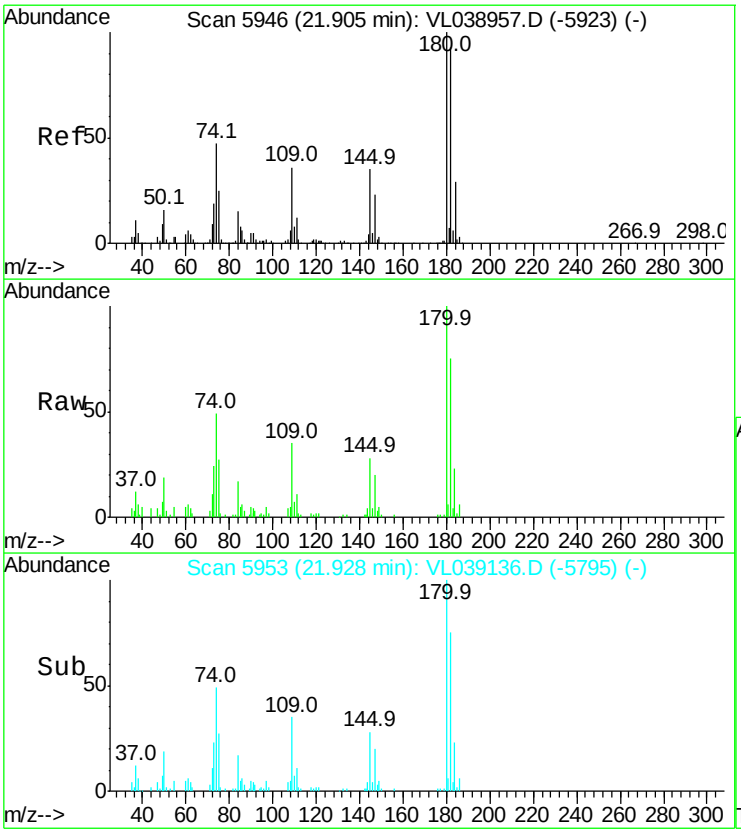
#80
Naphthalene,2-methyl-
Concen: 0.24 ppbv
RT: 24.97
Delta R.T
Lab File:
Acq: 31 May 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:142 Resp: 22282

Ion	Ratio	Lower	Upper
142	100		
141	76.3	64.6	96.8
115	43.2	32.7	49.1





#81
1,2,4-Trichlorobenzene
Concen: 0.10 ppbv
RT: 21.93 min Scan# 5953
Delta R.T. 0.01 min
Lab File: VL039136.D
Acq: 31 May 2022 18:19

Tgt Ion:180 Resp: 17472

Ion	Ratio	Lower	Upper
180	100		
182	487.9	0.0	0.0#
184	0.0	0.0	0.0