Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012422\

Quantitation Report (Not Reviewed)

Data File : VL038257.D
Acq On : 24 Jan 2022 11:57
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jan 24 12:48:00 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 11:15:25 2022
QLast Update : Mon Jan 24 11:15:25 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	748535	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2239587	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	1858779	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1428537	9.97	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	19752	0.140	ppbv		94
3) Chlorodifluoromethane	3.00	51	17611	0.112	ppbv		99
4) Chloromethane	3.15	50	3072	0.056	ppbv		100
5) Vinyl Chloride	3.27	62	5154	0.094	ppbv	#	84
6) Bromomethane	3.49	94	2498	0.089	ppbv	#	78
7) Chloroethane	3.56	64	1119	0.061	ppbv	#	79
8) Dichlorotetrafluoroethane	3.20	85	12996	0.097	ppbv	#	82
9) Propene	3.02	41	2276	0.042	ppbv	#	15
10) Heptane	8.13	43	4201	0.030	ppbv	#	1
11) Trichlorofluoromethane	3.97	101	7238	0.056	ppbv		87
12) 1,1,2-Trichlorotrifluoroet	4.49	101	5566	0.057	ppbv	#	12
13) Ethanol	3.64	45	949	0.102	ppbv	#	37
14) Bromoethene	3.75	108	2716	0.070	ppbv	#	39
15) Acetone	3.90	43	4874	0.065	ppbv	#	22
17) tert-Butyl alcohol	4.35	59	5924	0.072	ppbv		96
18) 1,1-Dichloroethene	4.30	96	2465	0.058	ppbv	#	82
20) Methylene Chloride	4.36	84	8069	0.190	ppbv	#	90
21) Allyl Chloride	4.42	41	6758	0.106	ppbv	#	84
22) trans-1,2-Dichloroethene	4.90	96	2208	0.051	ppbv		84
24) 1,1-Dichloroethane	5.02	63	8225	0.090	ppbv	#	85
26) Hexane	5.70	57	9041	0.089	ppbv	#	83
27) Carbon Disulfide	4.56	76	9985	0.111	ppbv	#	93
28) Methyl tert-Butyl Ether	5.07	73	7286	0.071	ppbv	#	81
29) Chloroform	5.75	83	9419	0.062	ppbv		99
31) cis-1,2-Dichloroethene	5.56	61	3255	0.041	ppbv	#	81
32) 1,1,1-Trichloroethane	6.52	97	14168	0.094	ppbv		94
36) Benzene	6.89	78	8576	0.041	ppbv		92
38) Trichloroethene	7.84	130	7270	0.091	ppbv	#	86
39) 1,2-Dichloropropane	7.18	63	603387	7.505	ppbv	#	25
42) Bromodichloromethane	7.79	83	16731	0.112	ppbv		92
43) Methyl Methacrylate	8.02	69	2631	0.037	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.87	57	31440	0.089	ppbv	#	87
46) cis-1,3-Dichloropropene	8.71	75	3110	0.042	ppbv		88
48) Dibromochloromethane	10.31	129	3723	0.032	ppbv	#	1
49) Bromoform	13.04	173	4481	0.054	ppbv	#	48
52) Tetrachloroethene	11.22	164	3068	0.040	ppbv	#	58
53) Toluene	9.81	91	15953	0.066	ppbv		87
54) 1,2-Dibromoethane	10.62	107	8283	0.070	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.13	131	3829	0.050	ppbv	#	1
57) Chlorobenzene	12.15	112	16733	0.104	ppbv		88
60) o-Xylene	13.69	91	14845	0.065	ppbv		79

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012422\

Quantitation Report (Not Reviewed)

Data File : VL038257.D
Acq On : 24 Jan 2022 11:57
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Jan 24 12:48:00 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 11:15:25 2022
QLast Update : Mon Jan 24 11:15:25 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) 1,1,2,2-Tetrachloroethane	13.69	83	11640	0.066	ppbv	#	61
66) Benzyl Chloride	16.99	91	428	0.041	ppbv	#	18
69) p-Isopropyltoluene	17.65	119	13247	0.042	ppbv	#	62
70) n-Butylbenzene	18.56	91	10213	0.034	ppbv	#	33
71) 2-Chlorotoluene	15.46	91	20441	0.086	ppbv		99
72) 4-Ethyltoluene	15.84	105	10113	0.038	ppbv	#	47
74) 1,2,4-Trimethylbenzene	16.76	105	10757	0.043	ppbv	#	88
75) 1,3-Dichlorobenzene	16.99	146	4492	0.034	ppbv	#	1
76) 1,4-Dichlorobenzene	17.14	146	9644	0.073	ppbv		83
77) 1,2-Dichlorobenzene	17.82	146	4098	0.032	ppbv	#	22

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

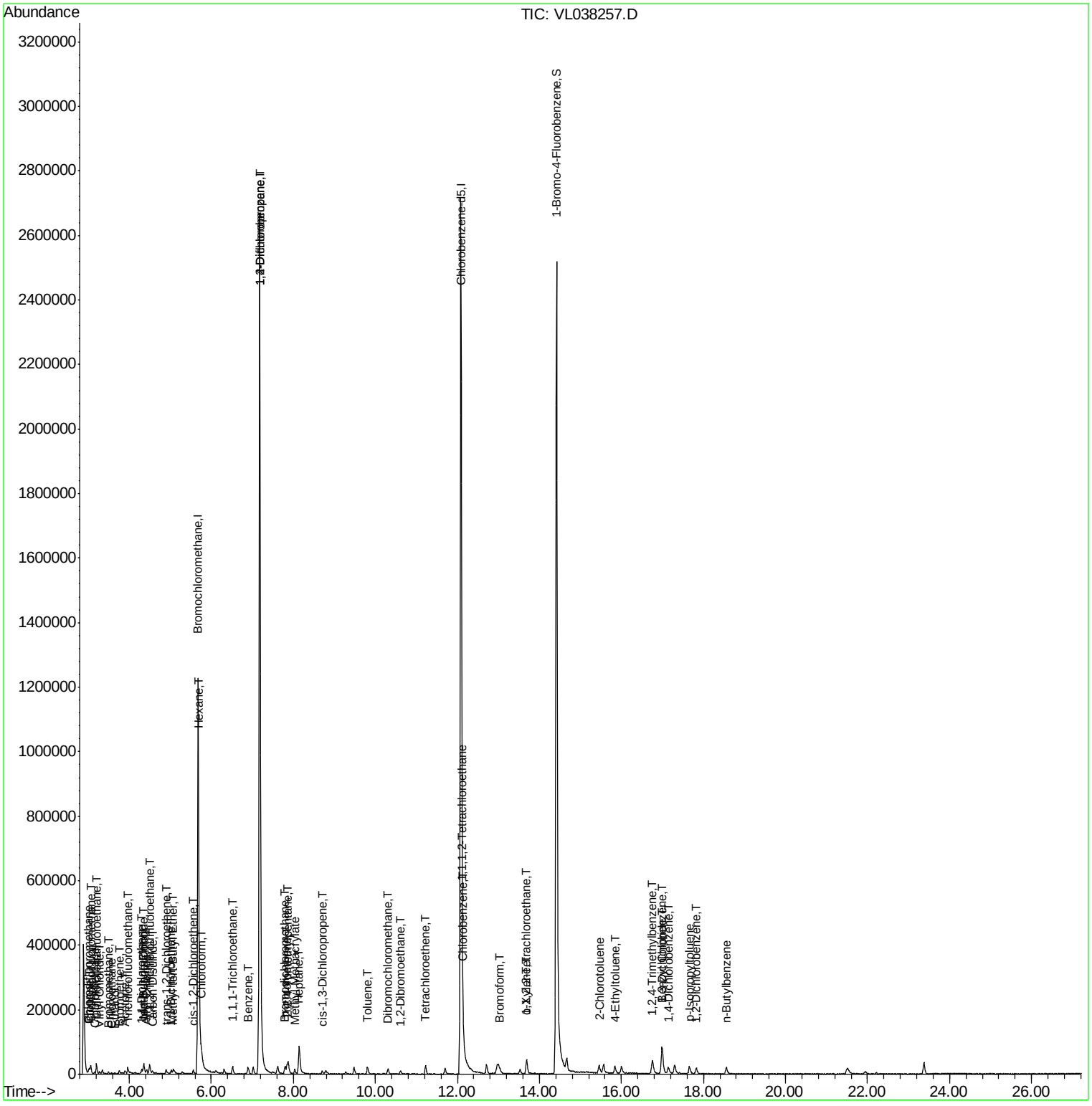
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012422\

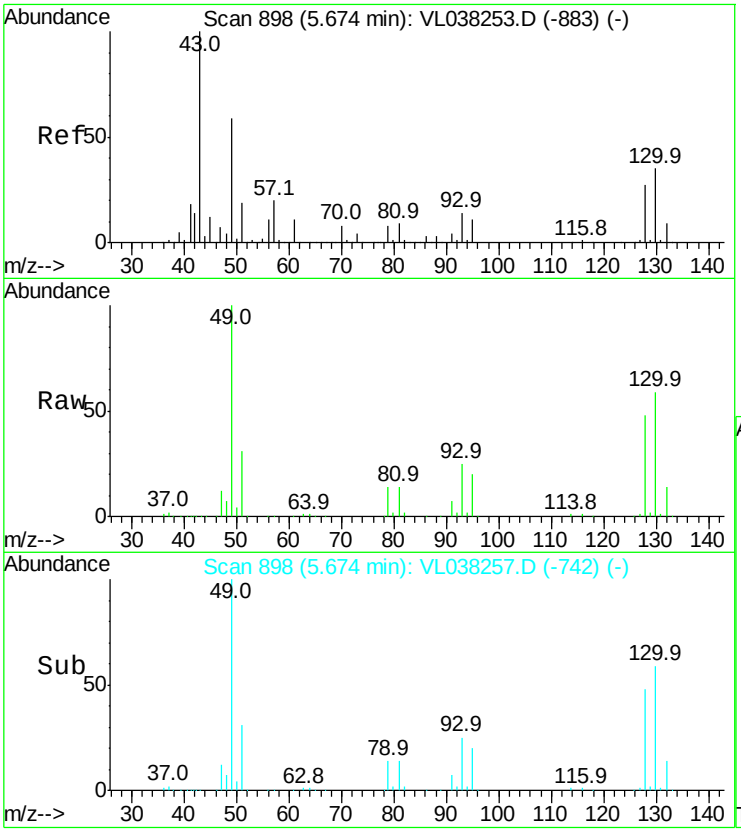
Quantitation Report (Not Reviewed)

Data File : VL038257.D
Acq On : 24 Jan 2022 11:57
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Jan 24 12:48:00 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 24 11:15:25 2022
QLast Update : Mon Jan 24 11:15:25 2022
Response via : Initial Calibration



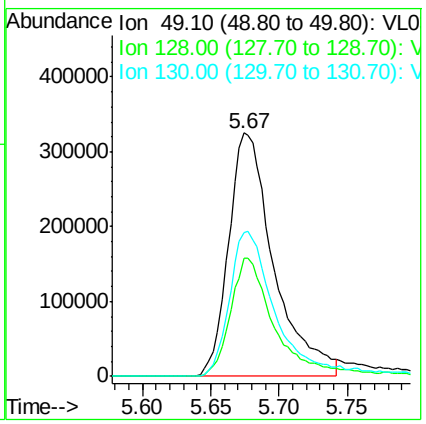


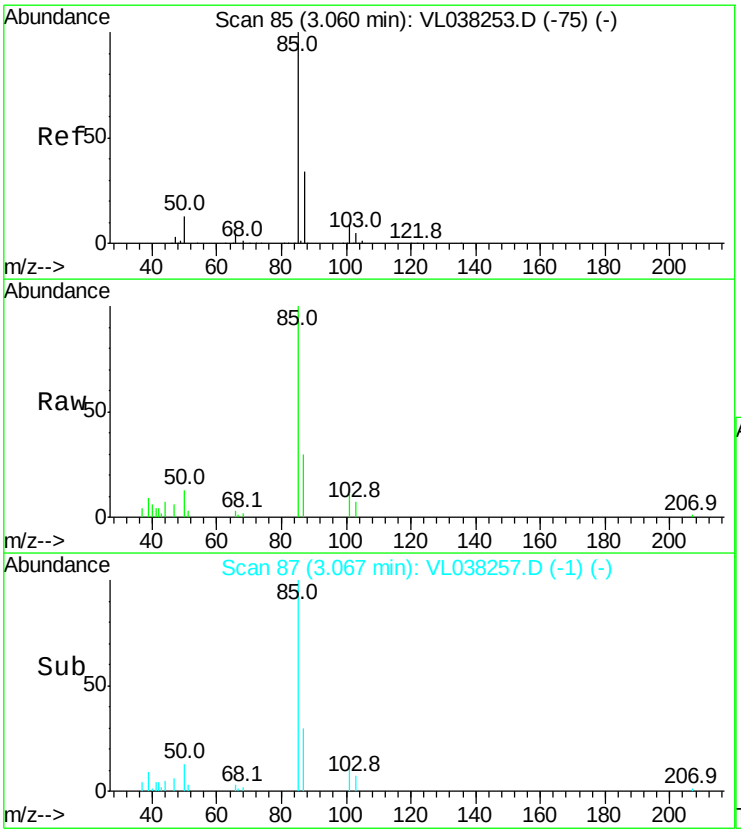
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 748535

Ion	Ratio	Lower	Upper
49	100		
128	50.2	24.5	73.5
130	63.2	30.1	90.5

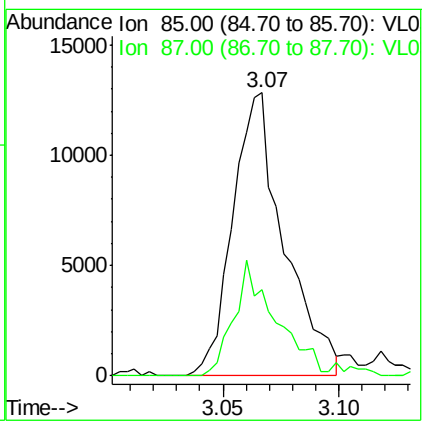


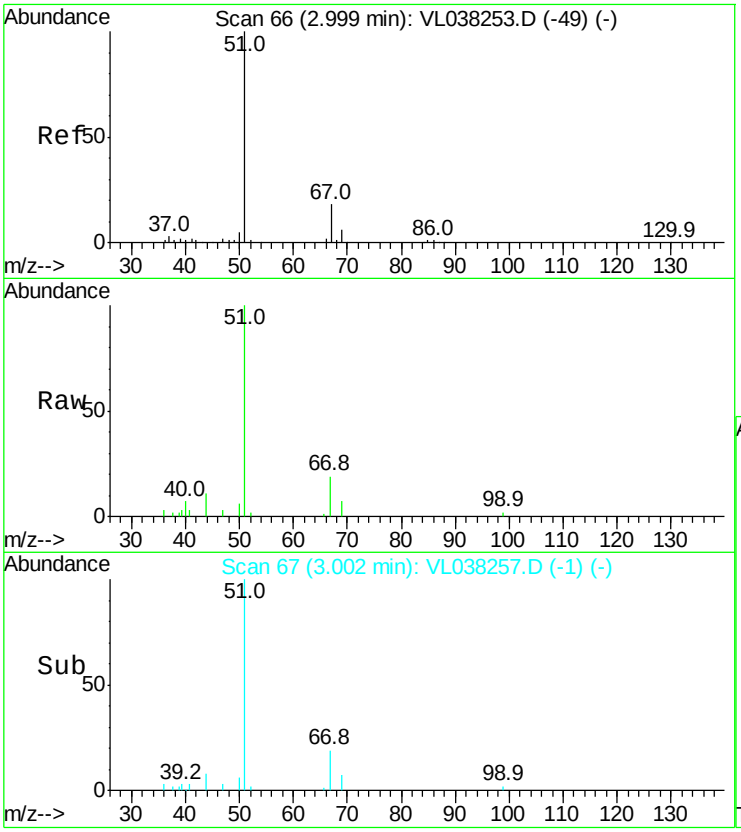


#2
Dichlorodifluoromethane
Concen: 0.140 ppbv
RT: 3.07 min Scan# 87
Delta R.T. 0.01 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 85 Resp: 19752

Ion	Ratio	Lower	Upper
85	100		
87	30.3	27.0	40.6



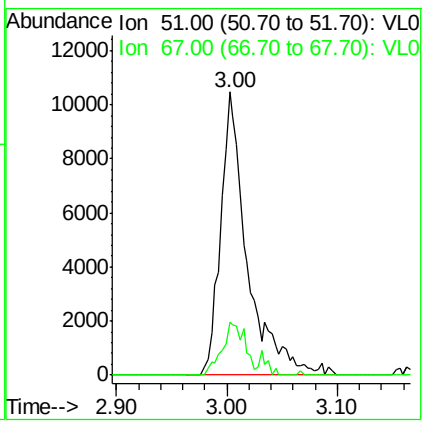


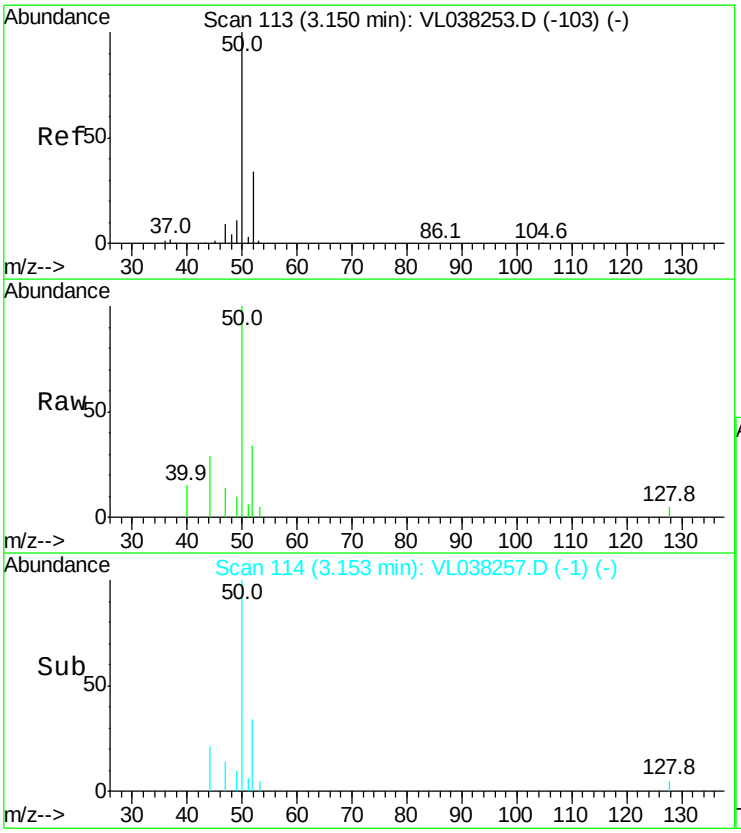
#3
Chlorodifluoromethane
Concen: 0.112 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 17611

Ion	Ratio	Lower	Upper
51	100		
67	18.5	14.4	21.6

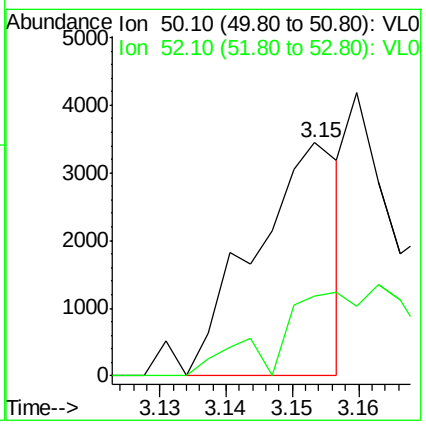


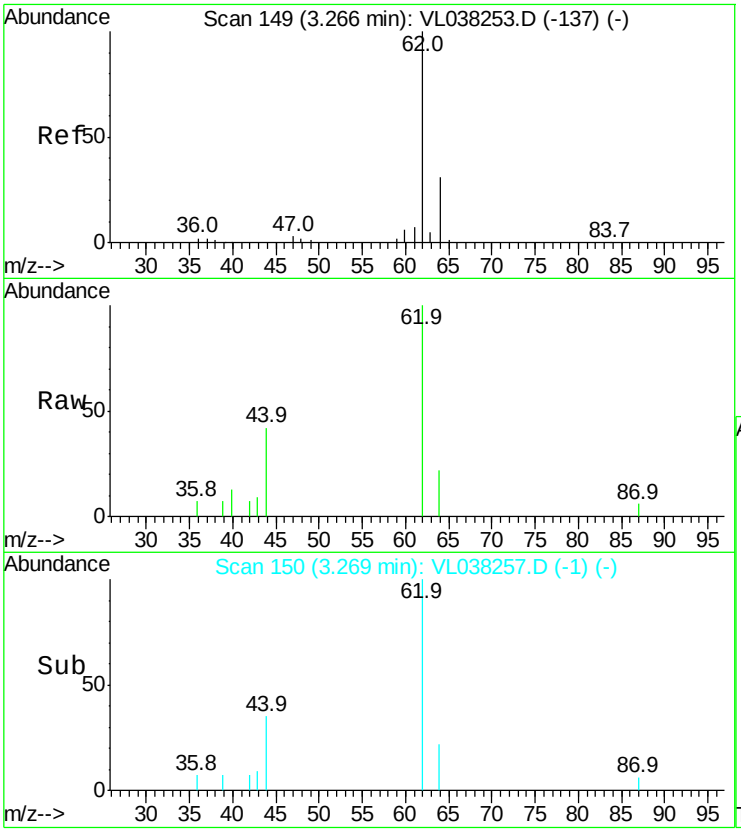


#4
Chloromethane
Concen: 0.056 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 50 Resp: 3072

Ion	Ratio	Lower	Upper
50	100		
52	34.0	27.1	40.7



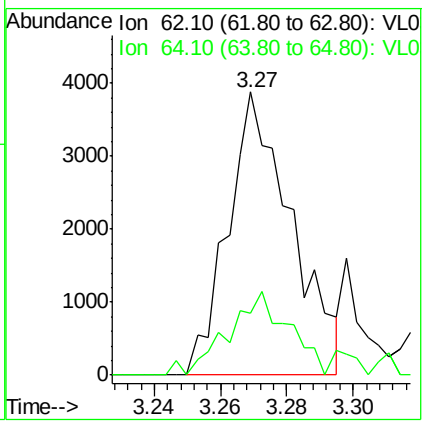


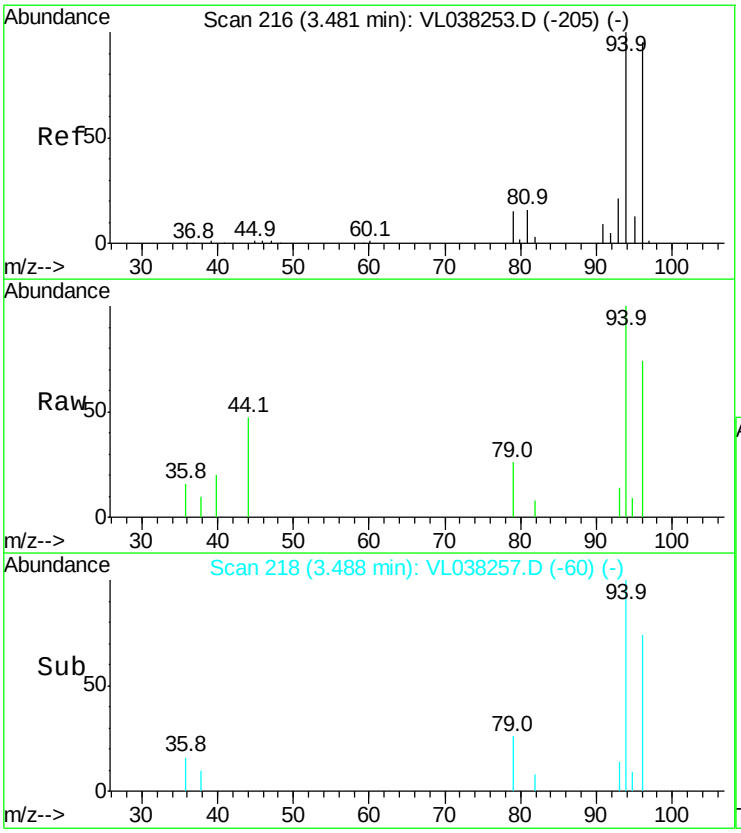
#5
Vinyl Chloride
Concen: 0.094 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 5154

Ion	Ratio	Lower	Upper
62	100		
64	21.9	24.4	36.6#

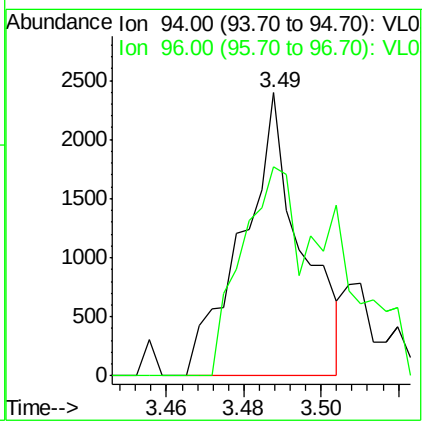


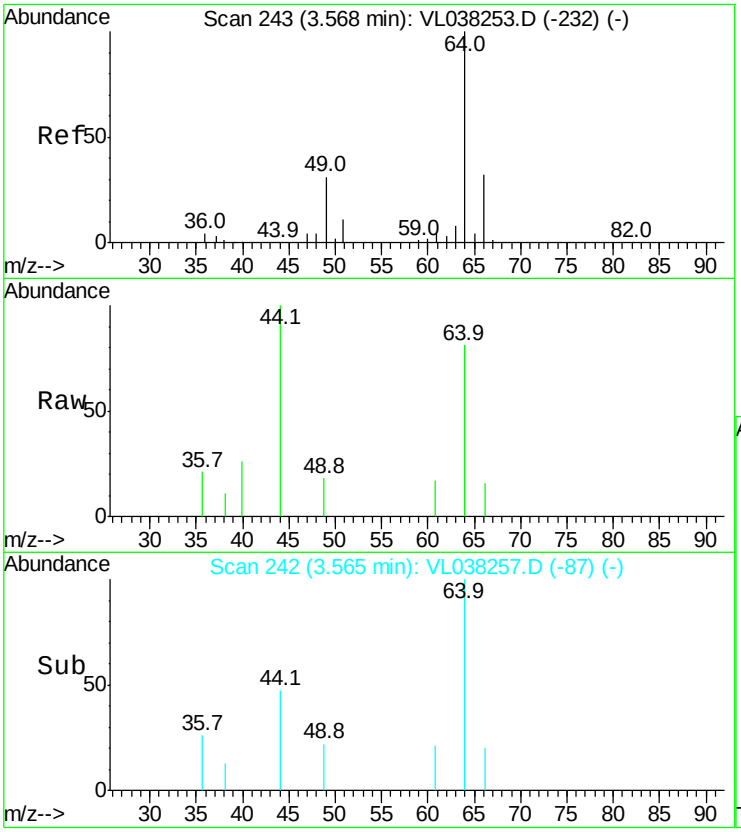


#6
Bromomethane
Concen: 0.089 ppbv
RT: 3.49 min Scan# 218
Delta R.T. 0.01 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 94 Resp: 2498

Ion	Ratio	Lower	Upper
94	100		
96	73.7	76.0	114.0#



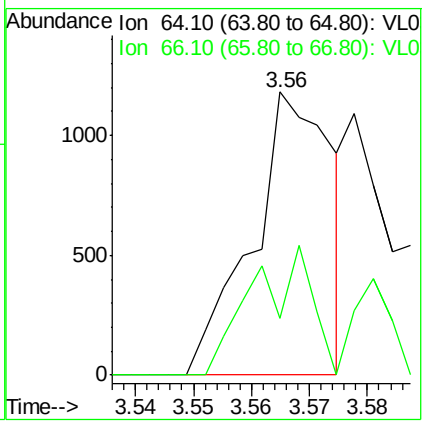


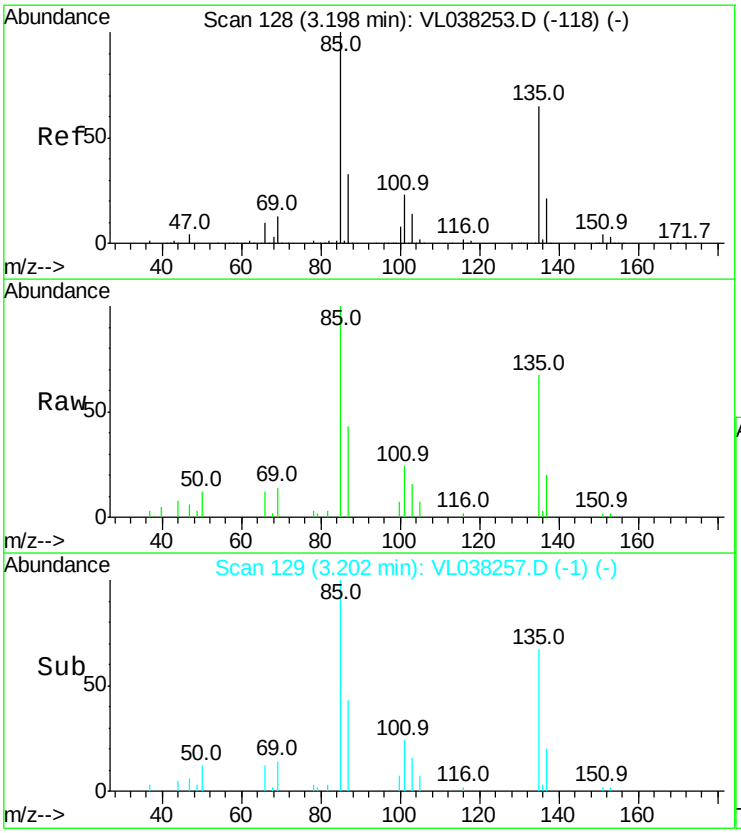
#7
Chloroethane
Concen: 0.061 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 1119

Ion	Ratio	Lower	Upper
64	100		
66	20.3	25.8	38.6#

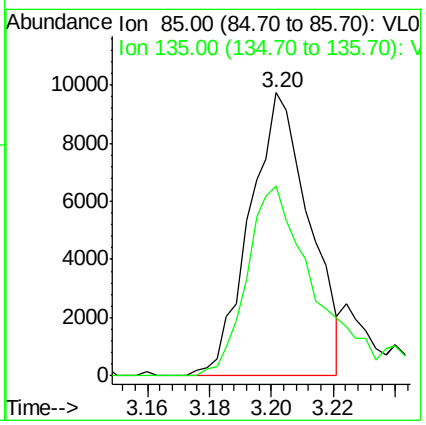


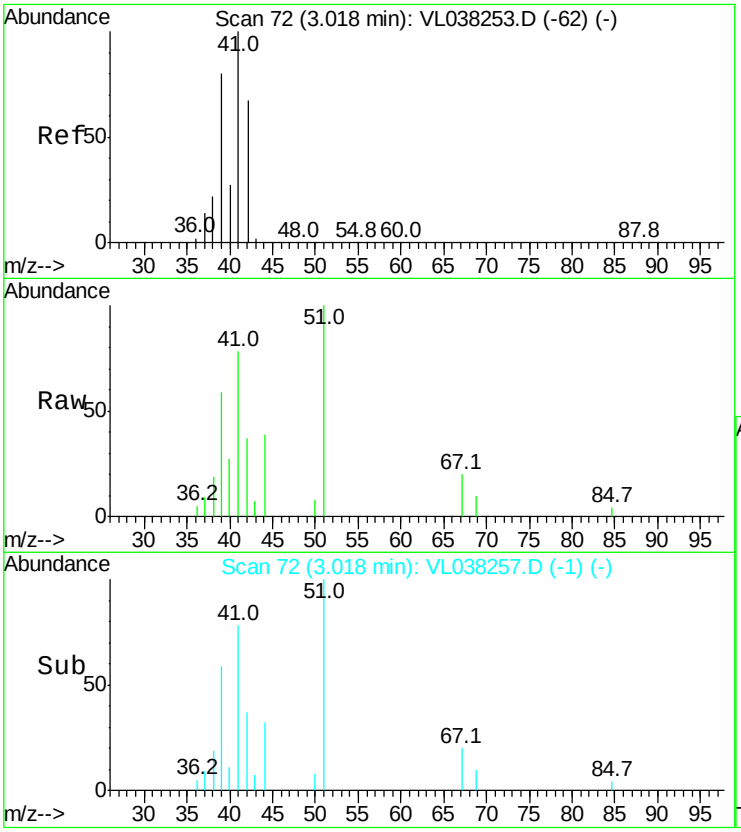


#8
Dichlorotetrafluoroethane
Concen: 0.097 ppbv
RT: 3.20 min Scan# 129
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 85 Resp: 12996

Ion	Ratio	Lower	Upper
85	100		
135	81.3	53.7	80.5#



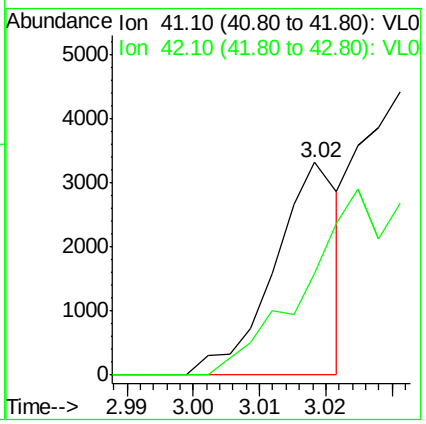


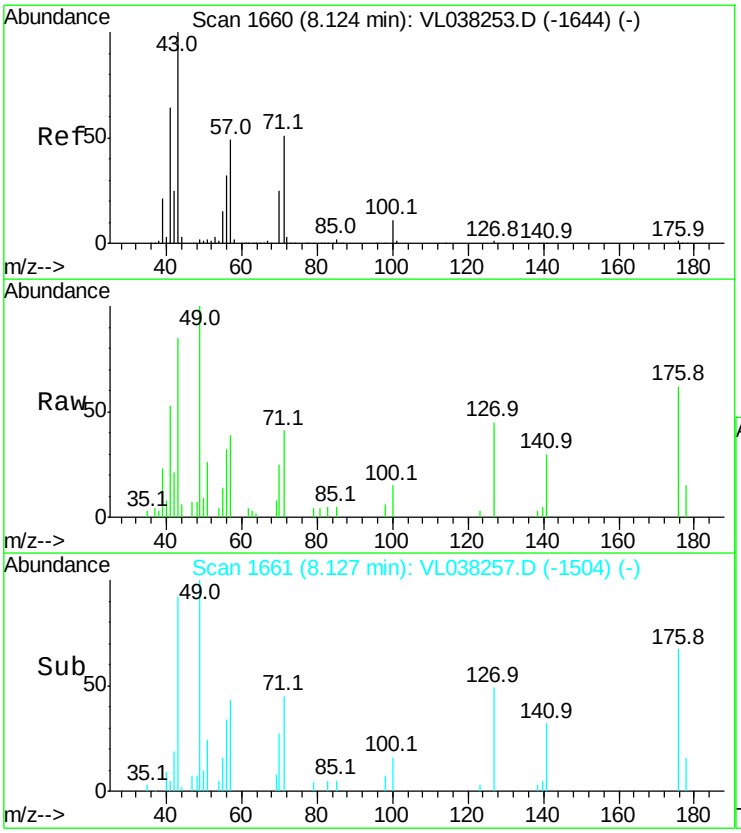
#9
Propene
Concen: 0.042 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 2276

Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.9	82.3#

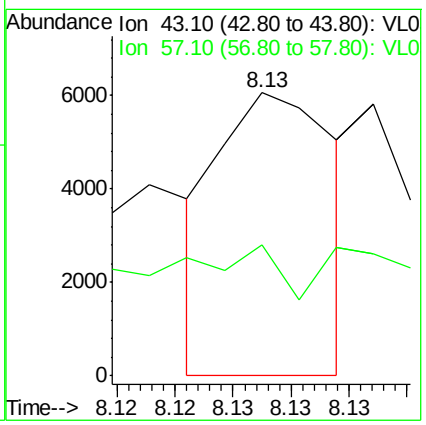


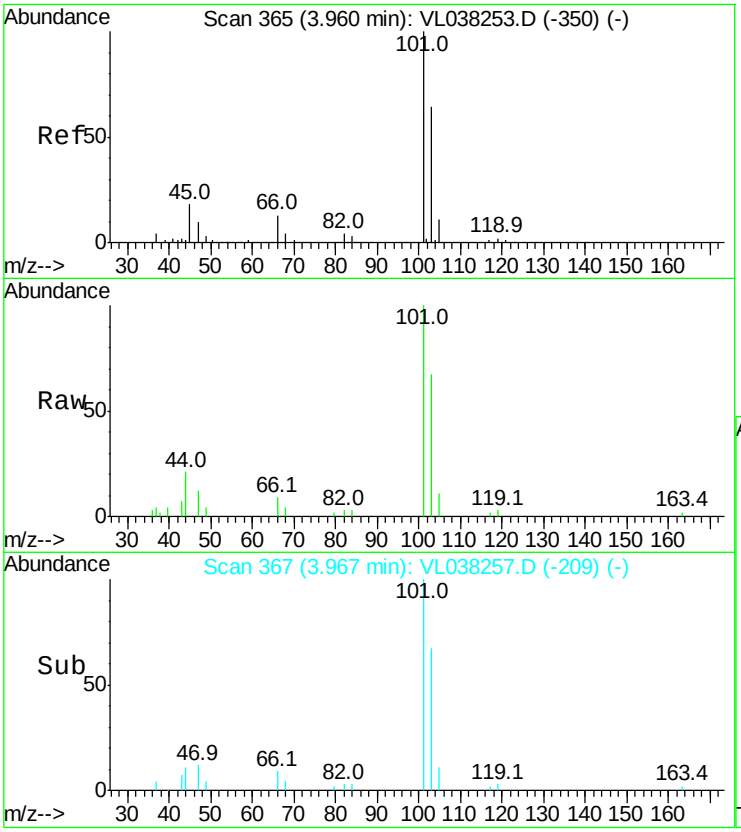


#10
Heptane
Concen: 0.030 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 43 Resp: 4201

Ion	Ratio	Lower	Upper
43	100		
57	170.0	39.5	59.3#



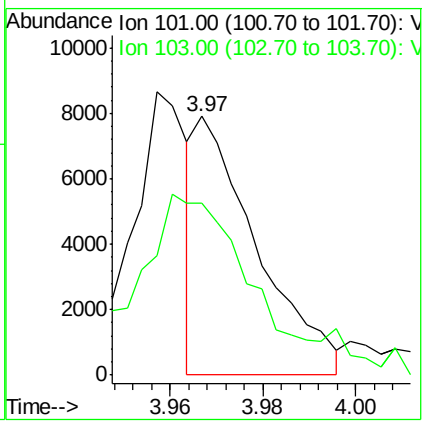


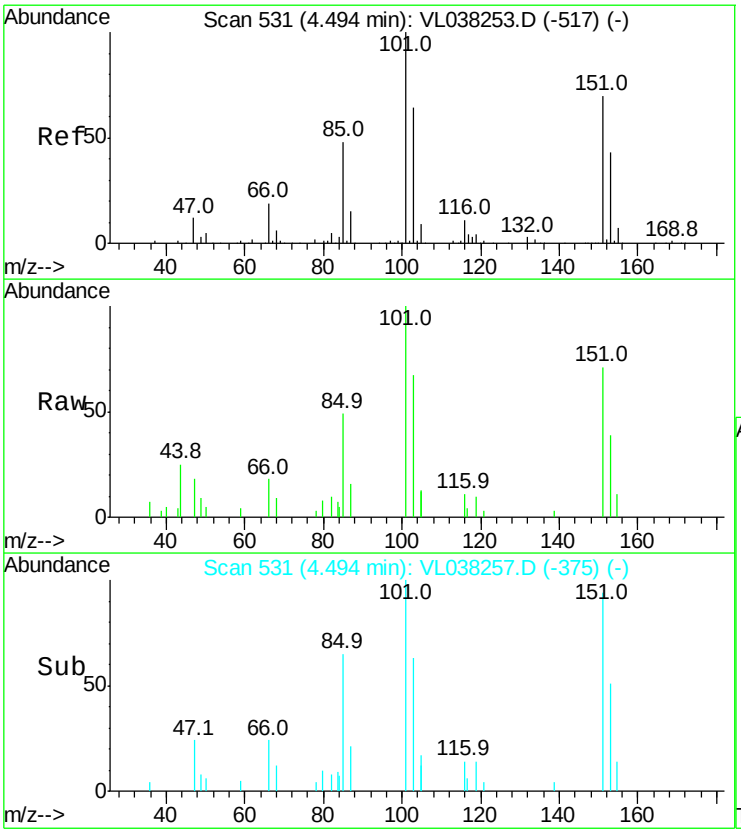
#11
Trichlorofluoromethane
Concen: 0.056 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 7238

Ion	Ratio	Lower	Upper
101	100		
103	53.8	51.2	76.8

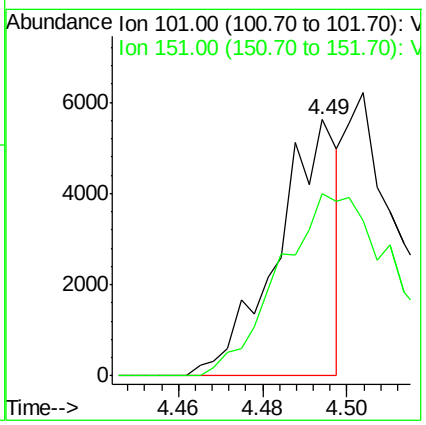


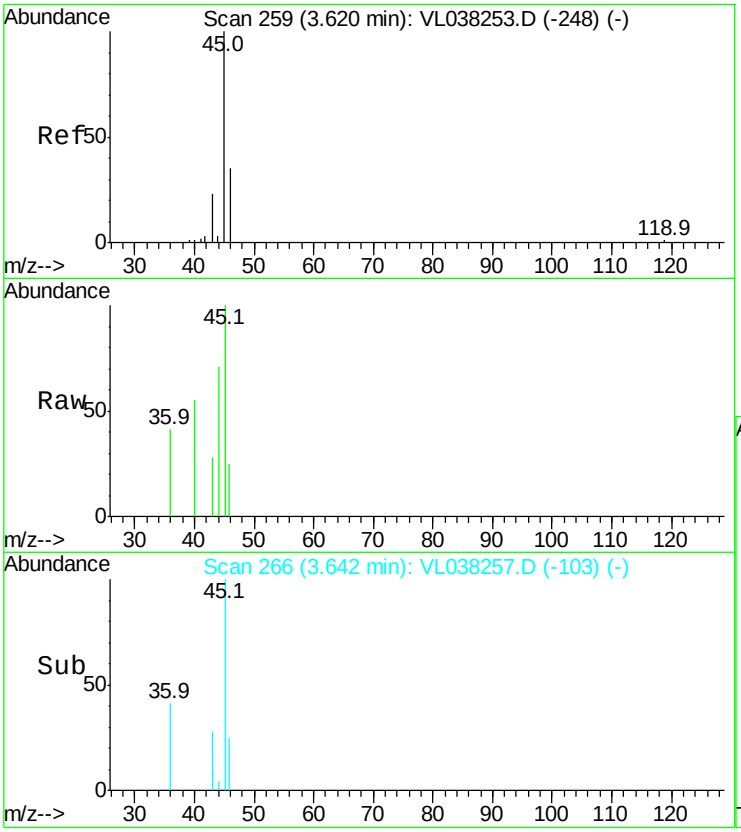


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.057 ppbv
RT: 4.49 min Scan# 531
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion:101 Resp: 5566

Ion	Ratio	Lower	Upper
101	100		
151	141.2	55.3	82.9#



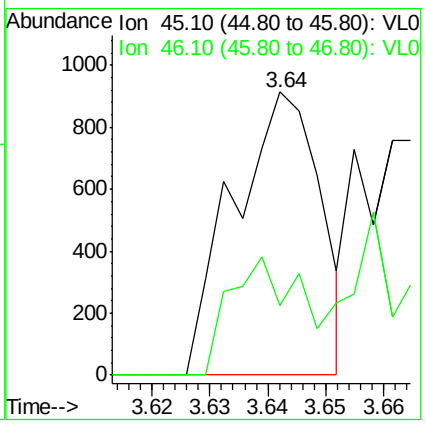


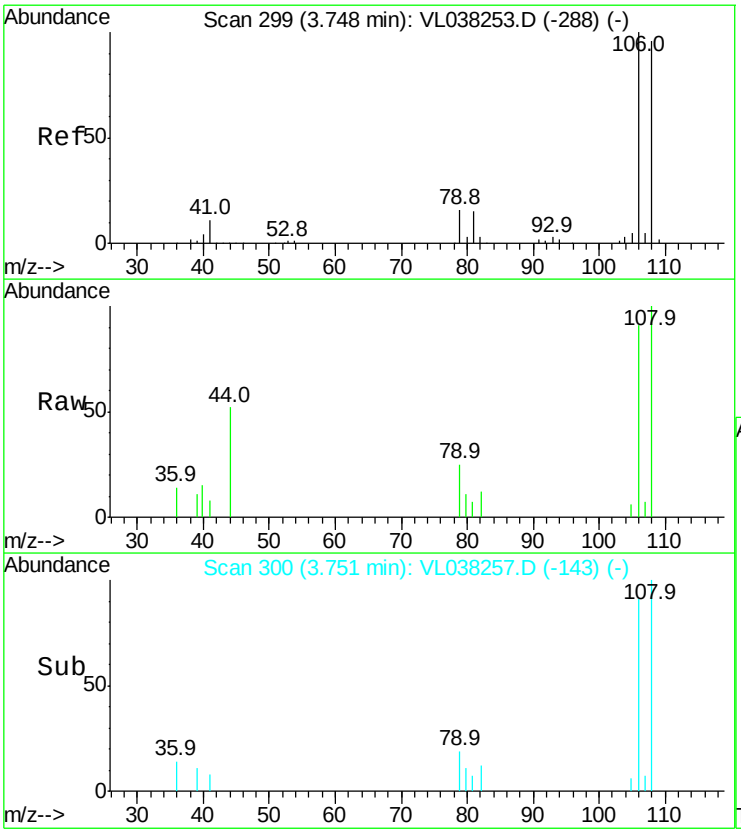
#13
Ethanol
Concen: 0.102 ppbv
RT: 3.64
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 45 Resp: 949

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.4	61.6#

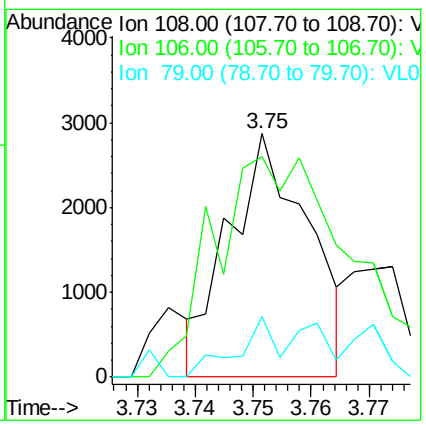


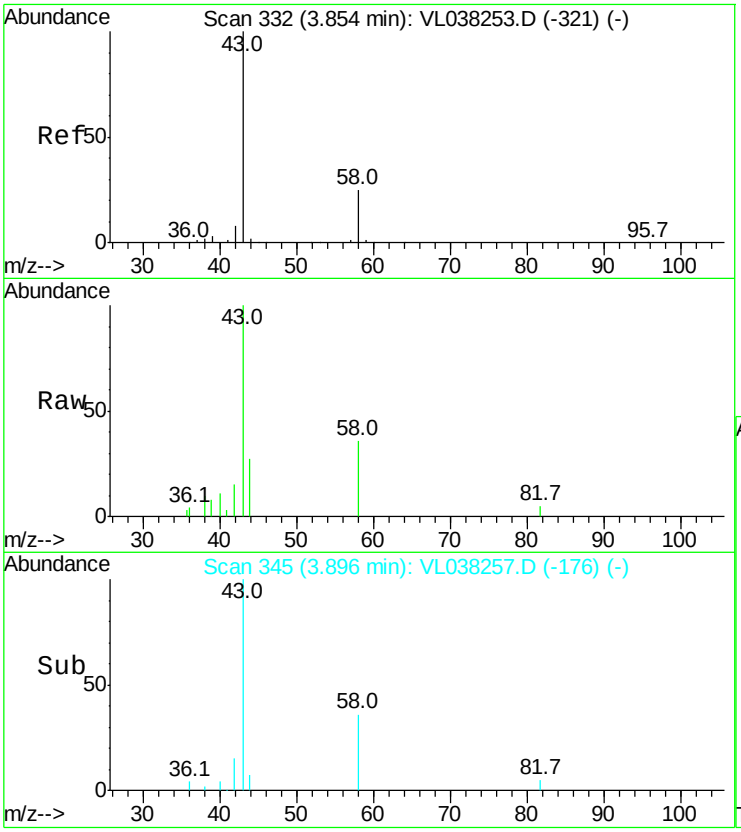


#14
Bromoethene
Concen: 0.070 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion:108 Resp: 2716

Ion	Ratio	Lower	Upper
108	100		
106	175.4	86.4	129.6#
79	34.5	14.1	21.1#



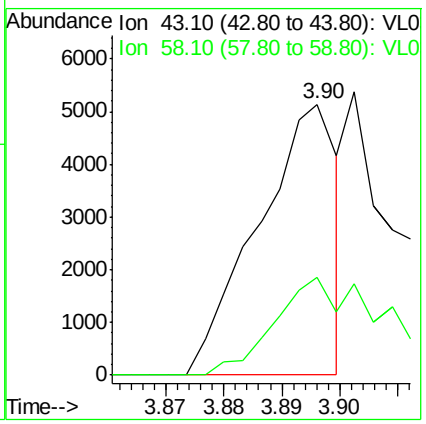


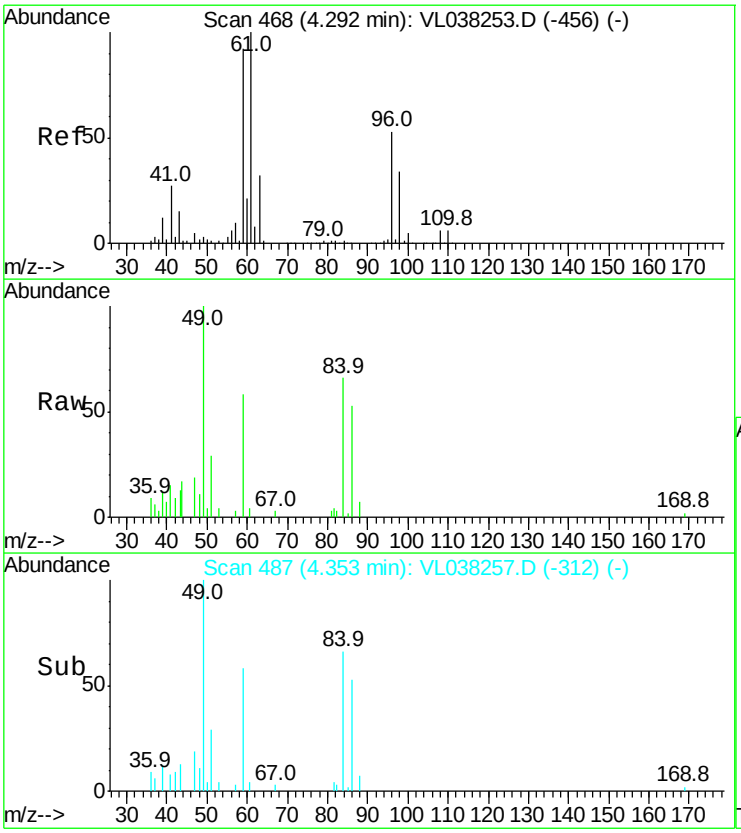
#15
Acetone
Concen: 0.065 ppbv
RT: 3.90
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 4874

Ion	Ratio	Lower	Upper
43	100		
58	67.3	21.5	32.3#

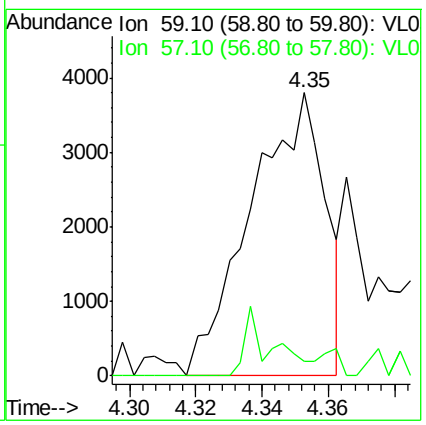


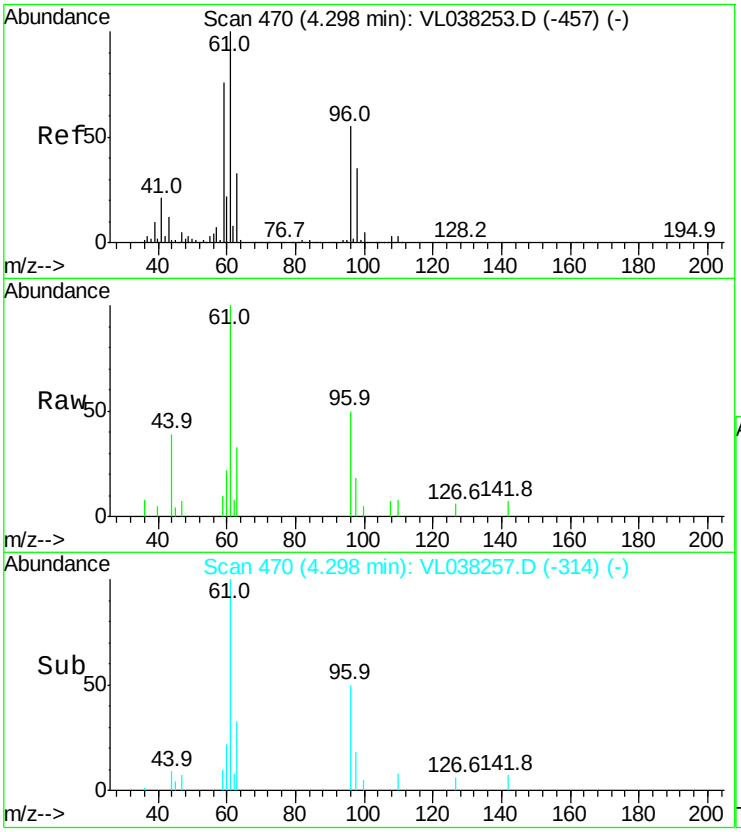


#17
tert-Butyl alcohol
Concen: 0.072 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.06 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 59 Resp: 5924

Ion	Ratio	Lower	Upper
59	100		
57	13.1	9.2	13.8



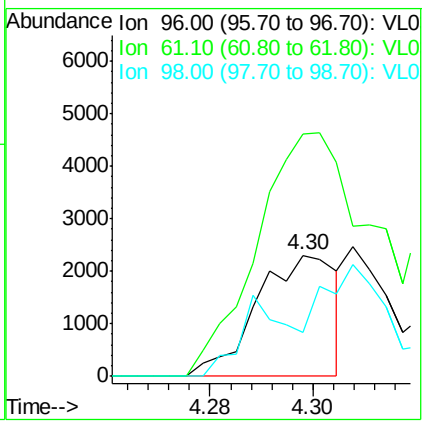


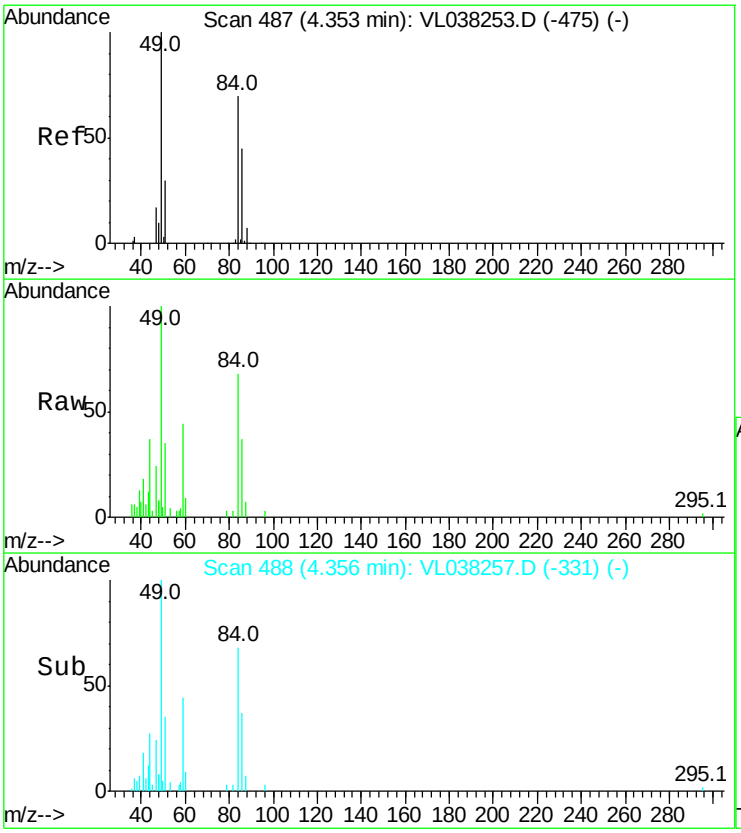
#18
1,1-Dichloroethene
Concen: 0.058 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 96 Resp: 2465

Ion	Ratio	Lower	Upper
96	100		
61	200.7	146.5	219.7
98	36.9	51.9	77.9#

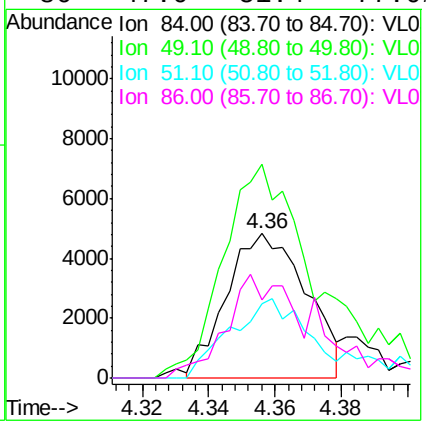


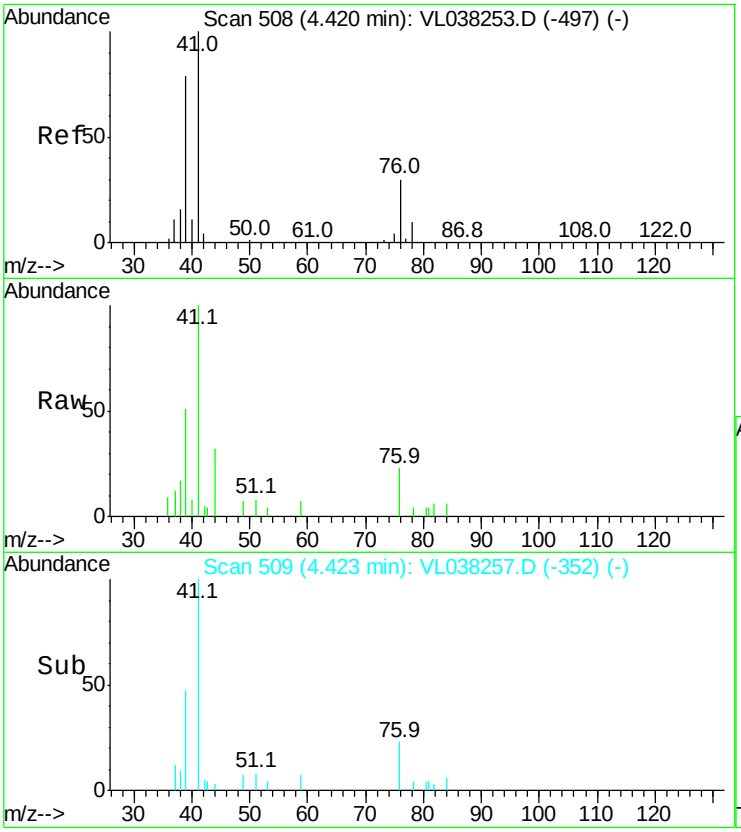


#20
Methylene Chloride
Concen: 0.190 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 84 Resp: 8069

Ion	Ratio	Lower	Upper
84	100		
49	147.6	115.0	172.6
51	53.8	35.0	52.6#
86	47.0	51.4	77.0#



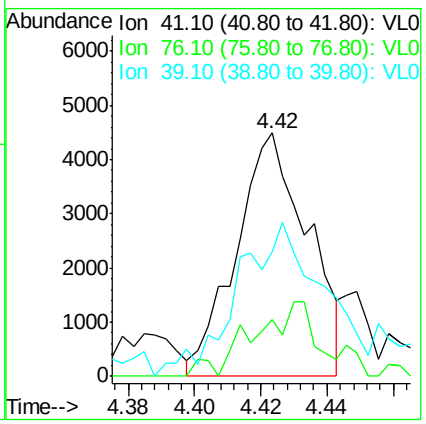


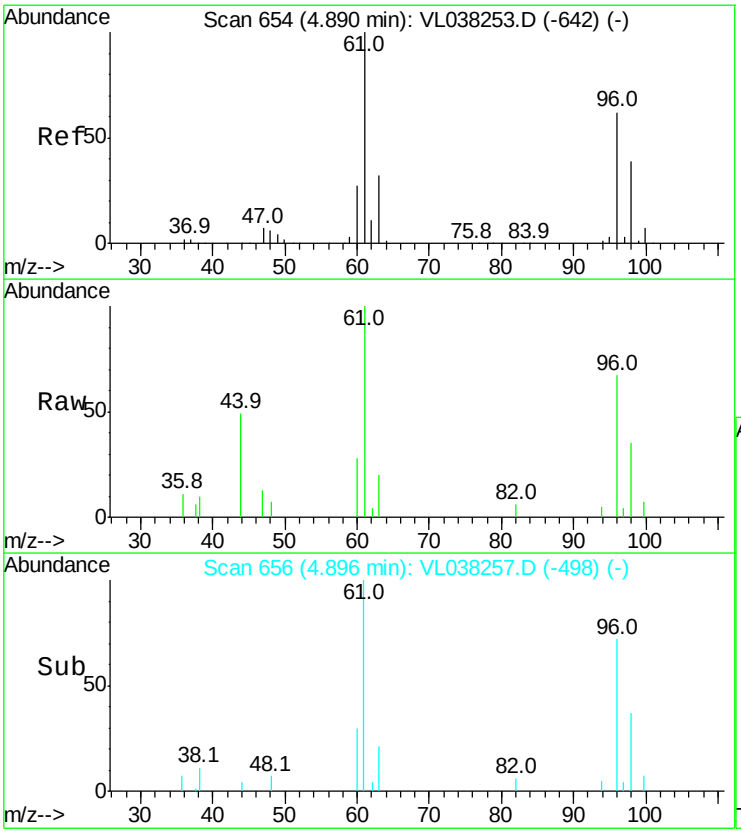
#21
Allyl Chloride
Concen: 0.106 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 6758

Ion	Ratio	Lower	Upper
41	100		
76	31.2	25.0	37.6
39	98.4	63.0	94.6#

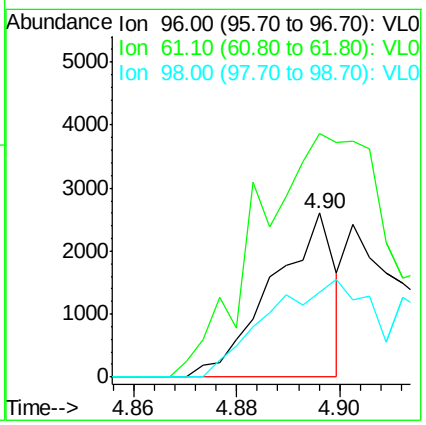


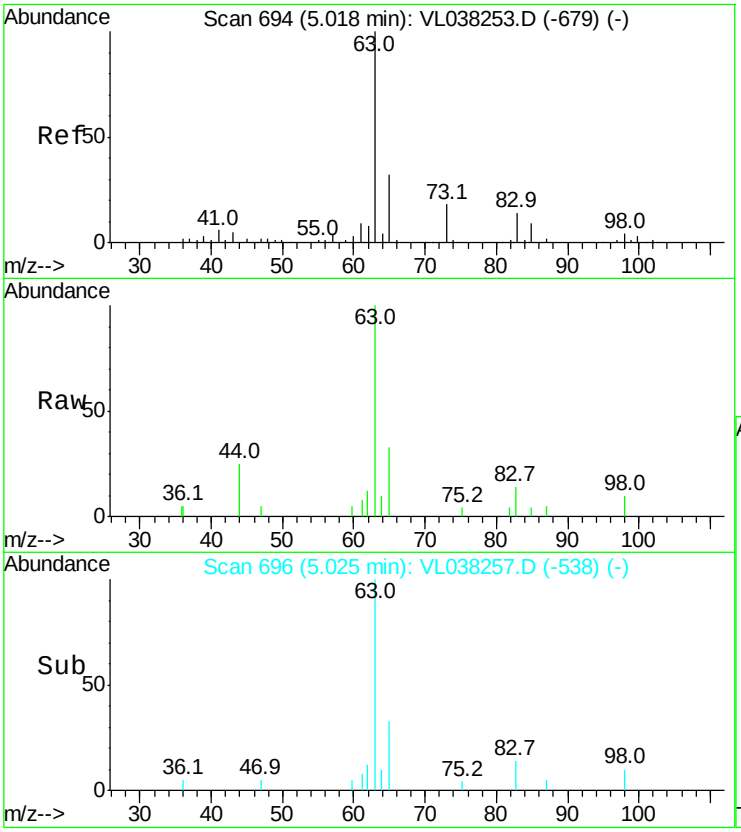


#22
trans-1,2-Dichloroethene
Concen: 0.051 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.01 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 96 Resp: 2208

Ion	Ratio	Lower	Upper
96	100		
61	138.5	128.8	193.2
98	51.7	49.8	74.8



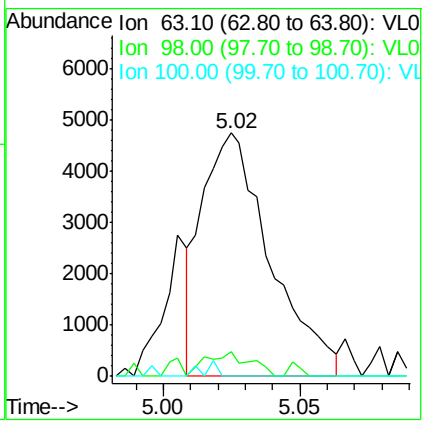


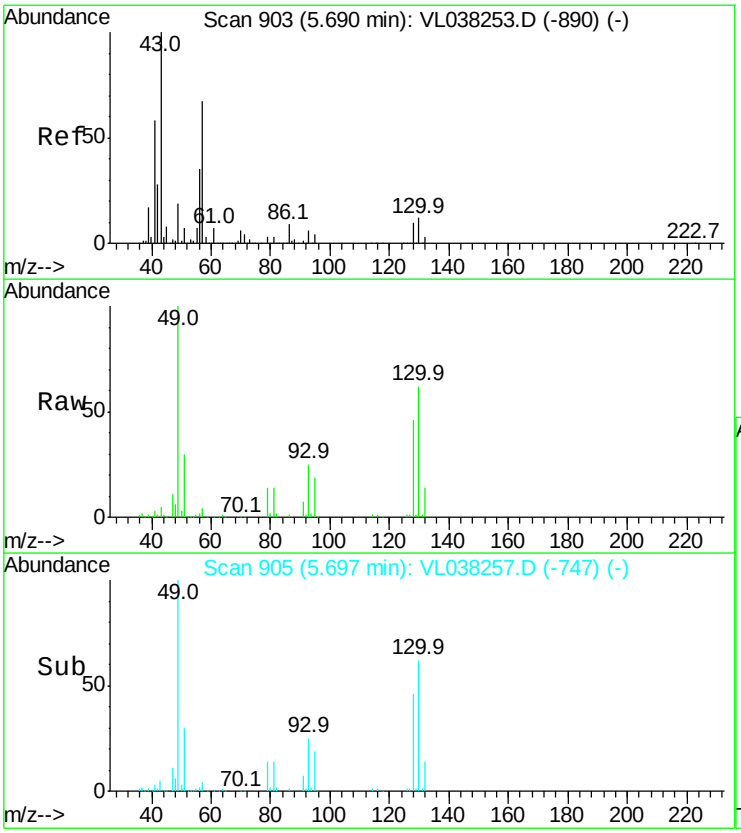
#24
1,1-Dichloroethane
Concen: 0.090 ppbv
RT: 5.02
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 63 Resp: 8225

Ion	Ratio	Lower	Upper
63	100		
98	10.9	2.3	6.8#
100	0.0	1.3	3.9#

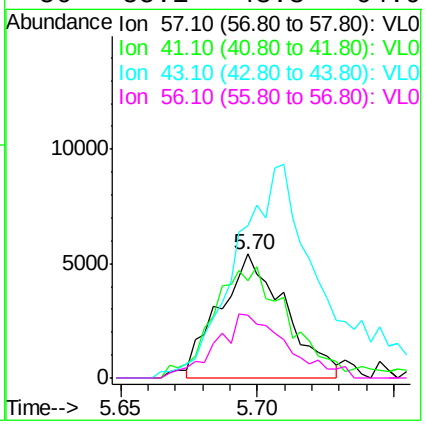


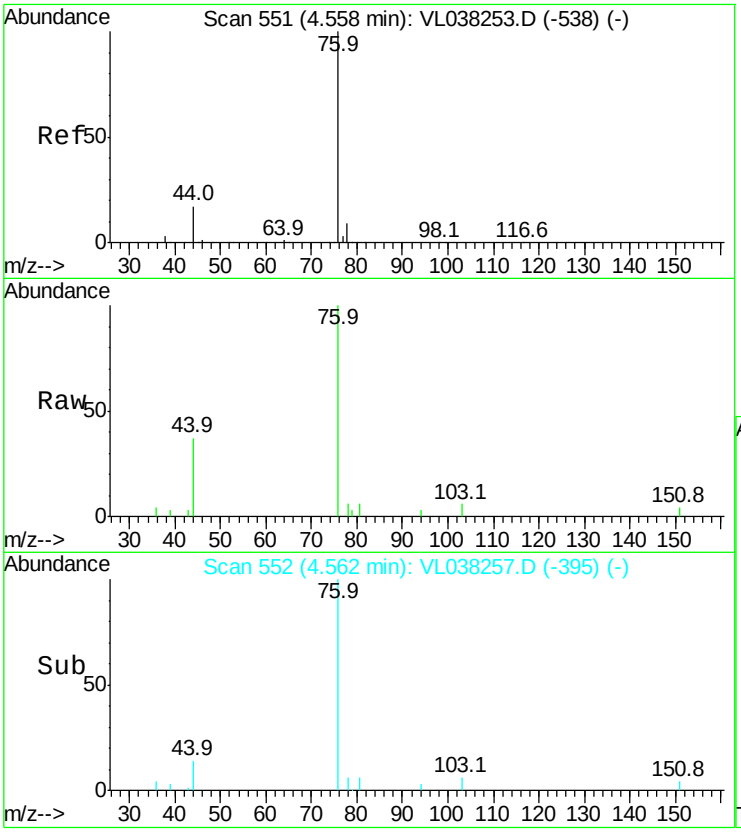


#26
Hexane
Concen: 0.089 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 57 Resp: 9041

Ion	Ratio	Lower	Upper
57	100		
41	112.7	72.8	109.2#
43	252.0	177.0	265.6
56	55.1	43.3	64.9



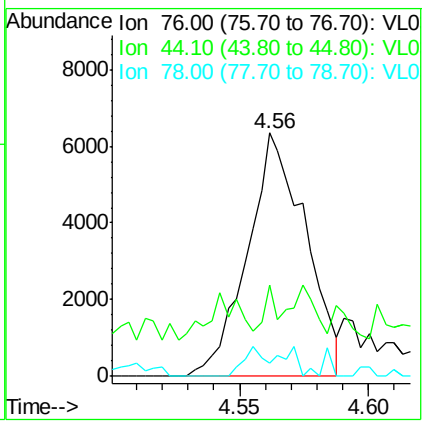


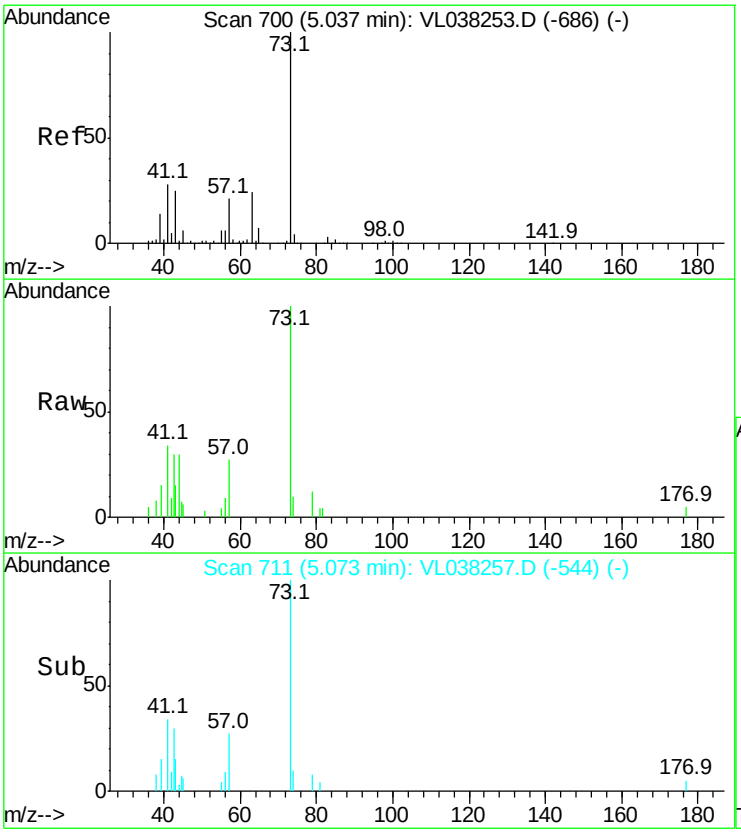
#27
Carbon Disulfide
Concen: 0.111 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 76 Resp: 9985

Ion	Ratio	Lower	Upper
76	100		
44	14.1	14.8	22.2#
78	9.7	7.9	11.9

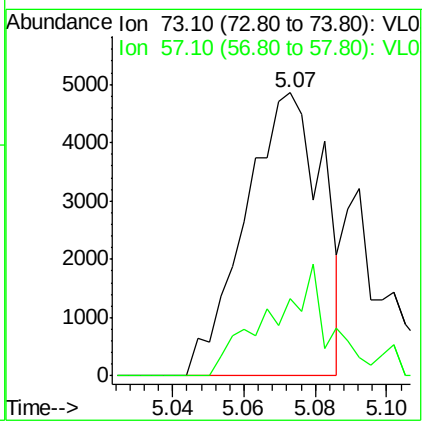


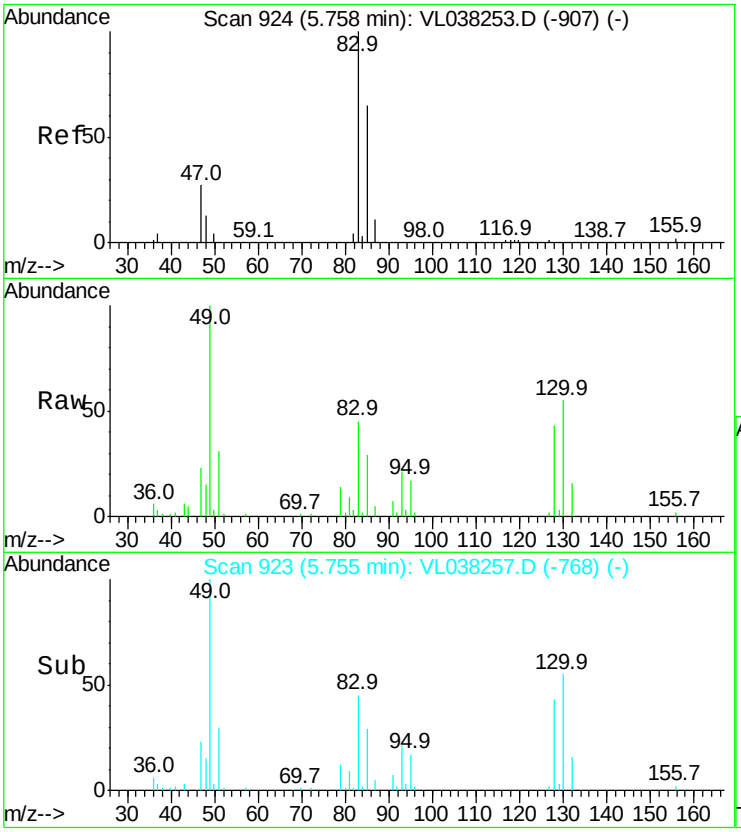


#28
Methyl tert-Butyl Ether
Concen: 0.071 ppbv
RT: 5.07 min Scan# 711
Delta R.T. 0.04 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 73 Resp: 7286

Ion	Ratio	Lower	Upper
73	100		
57	32.2	18.2	27.4#



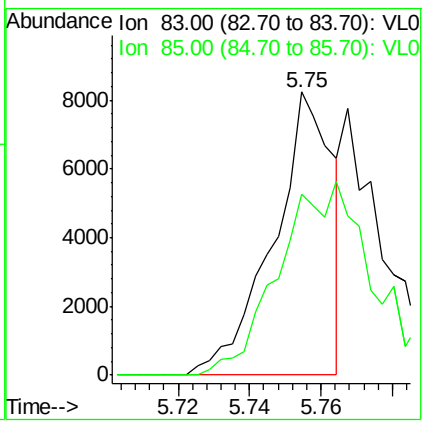


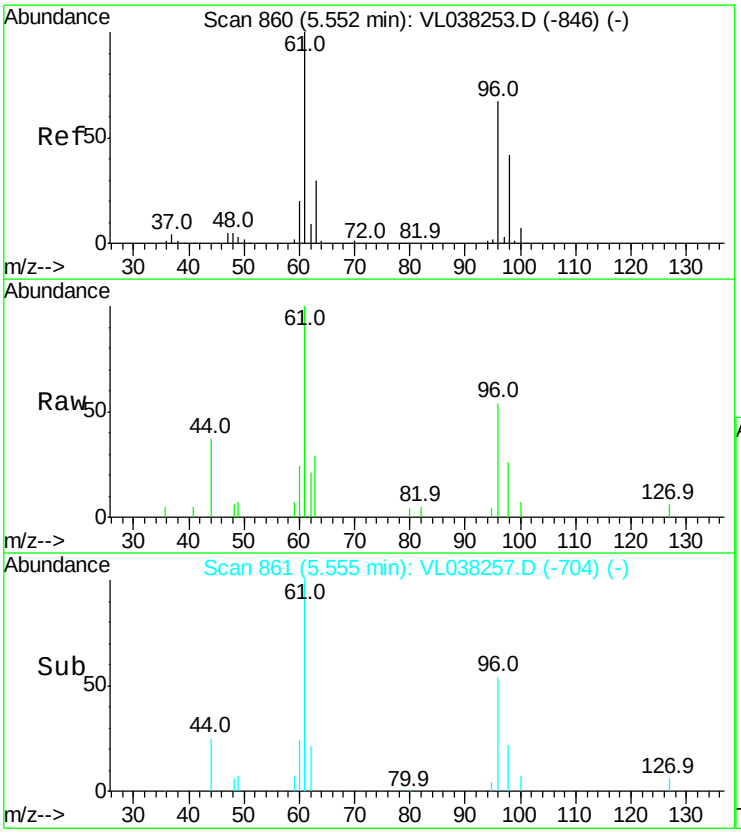
#29
Chloroform
Concen: 0.062 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 9419

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.9	77.9

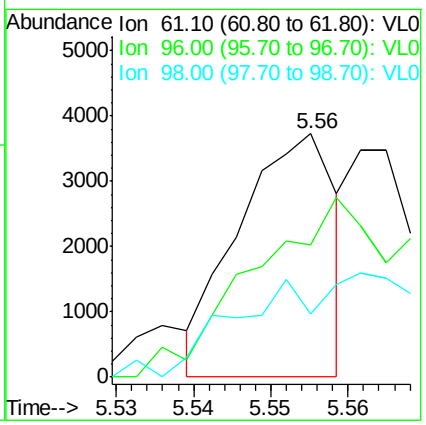


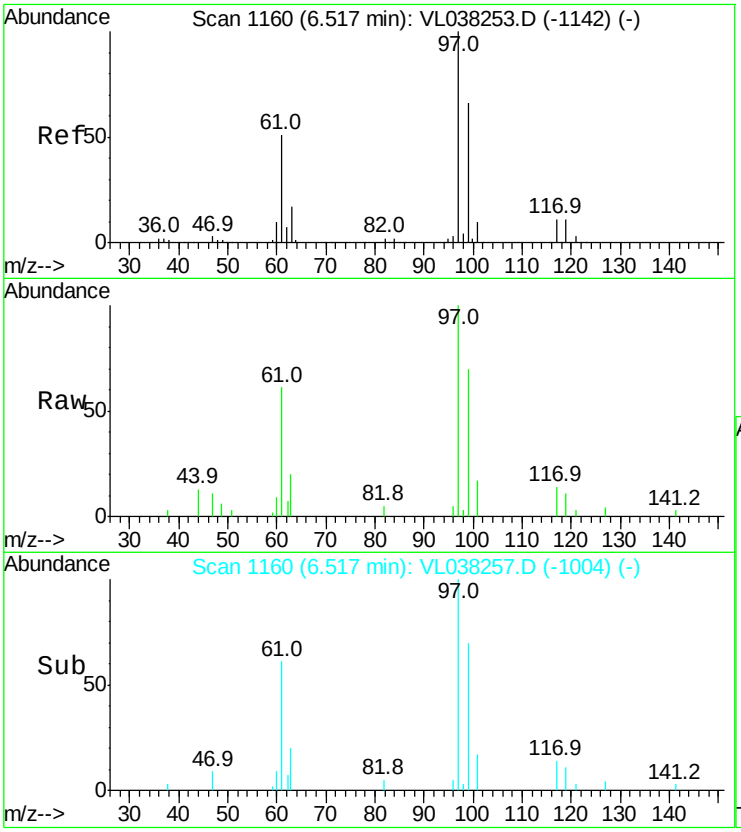


#31
cis-1,2-Dichloroethene
Concen: 0.041 ppbv
RT: 5.56 min Scan# 861
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 61 Resp: 3255

Ion	Ratio	Lower	Upper
61	100		
96	58.0	53.3	79.9
98	22.3	33.7	50.5#



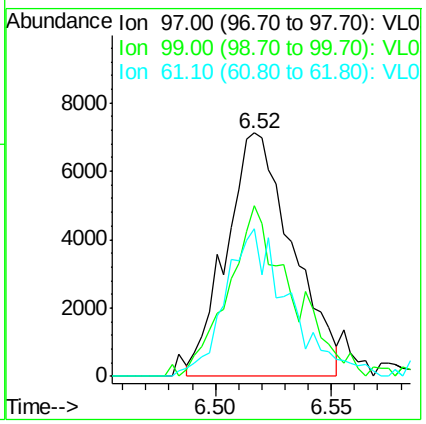


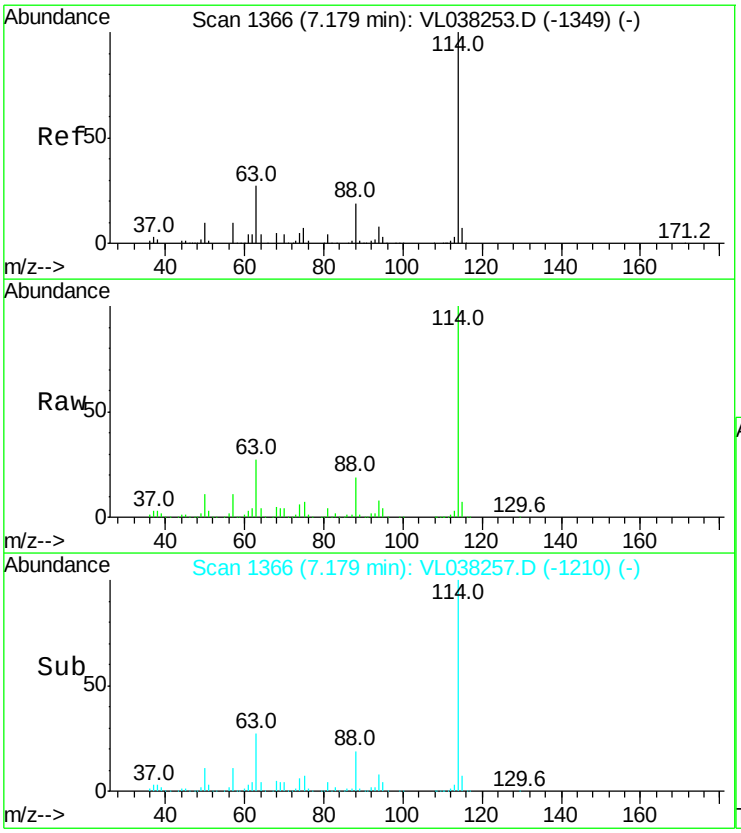
#32
1,1,1-Trichloroethane
Concen: 0.094 ppbv
RT: 6.52
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 14168

Ion	Ratio	Lower	Upper
97	100		
99	66.9	51.5	77.3
61	57.9	40.5	60.7

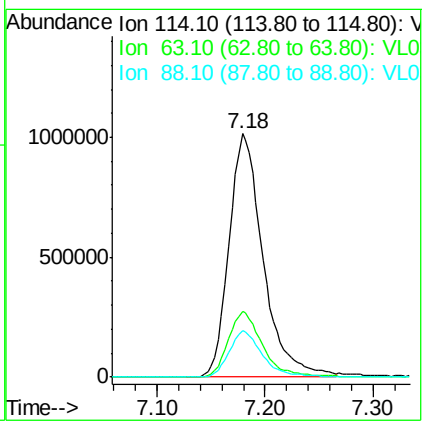


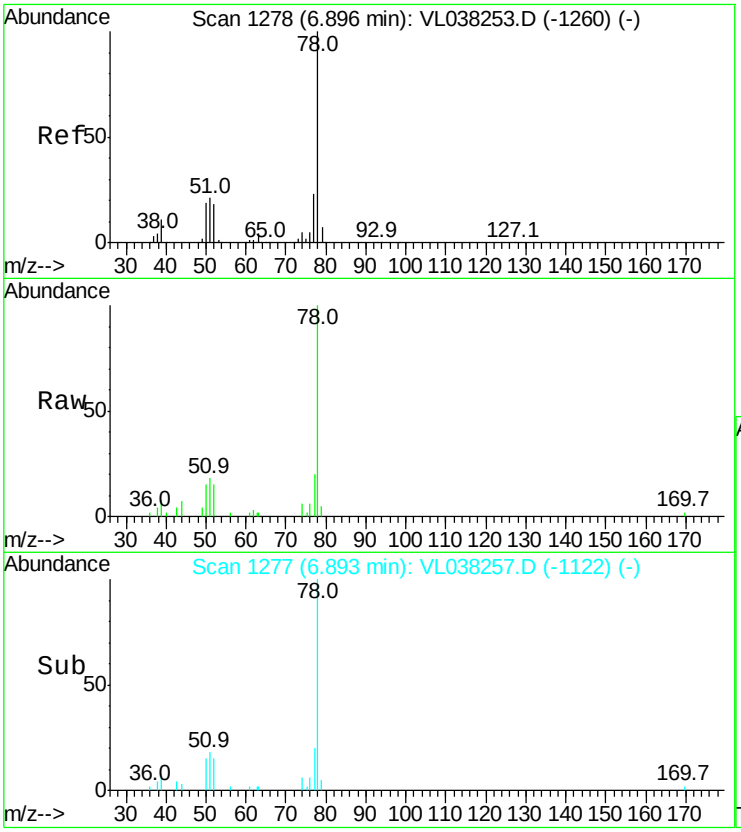


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion:114 Resp: 2239587

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.0	33.0
88	19.0	15.0	22.6



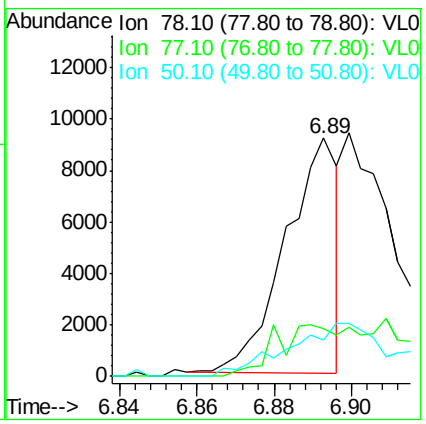


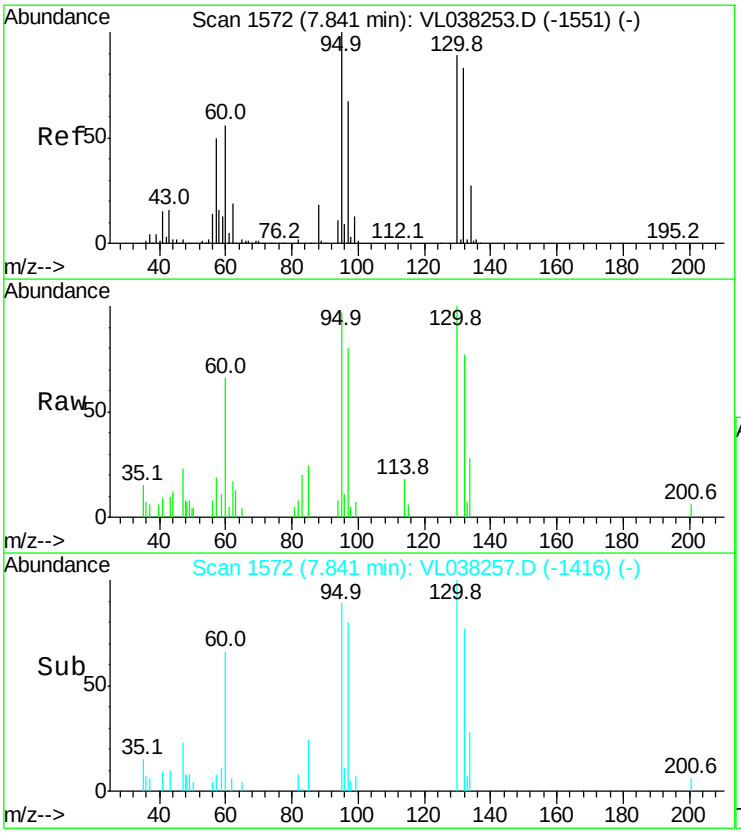
#36
Benzene
Concen: 0.041 ppbv
RT: 6.89
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 78 Resp: 8576

Ion	Ratio	Lower	Upper
78	100		
77	18.3	18.2	27.2
50	15.7	15.1	22.7

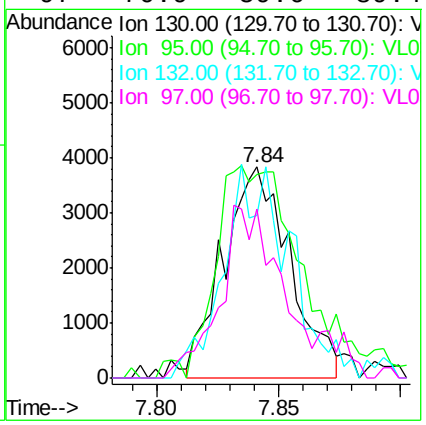


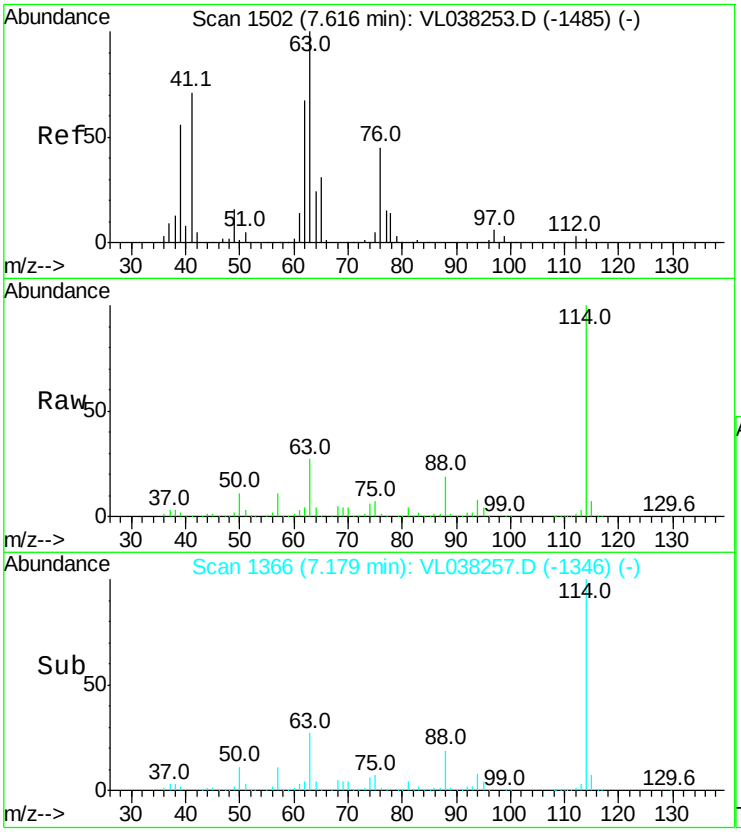


#38
Trichloroethene
Concen: 0.091 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion:130 Resp: 7270

Ion	Ratio	Lower	Upper
130	100		
95	100.7	89.4	134.2
132	66.7	74.6	111.8#
97	70.9	59.6	89.4



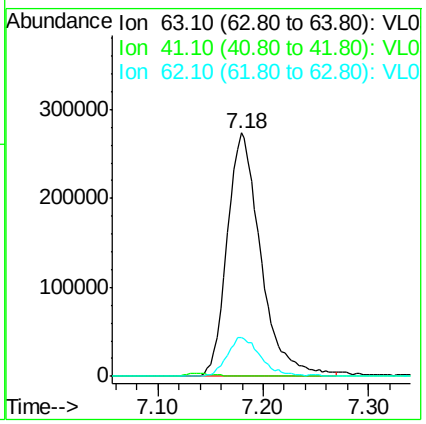


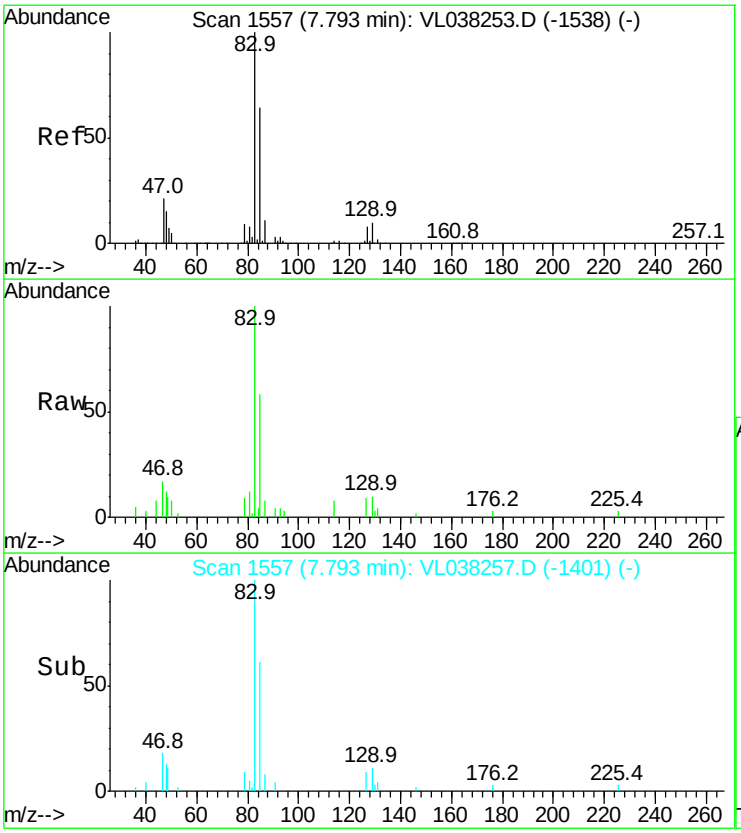
#39
1,2-Dichloropropane
Concen: 7.505 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 63 Resp: 603387

Ion	Ratio	Lower	Upper
63	100		
41	0.1	56.6	85.0#
62	16.2	53.9	80.9#

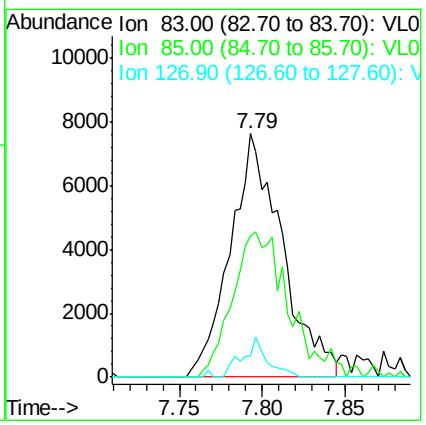


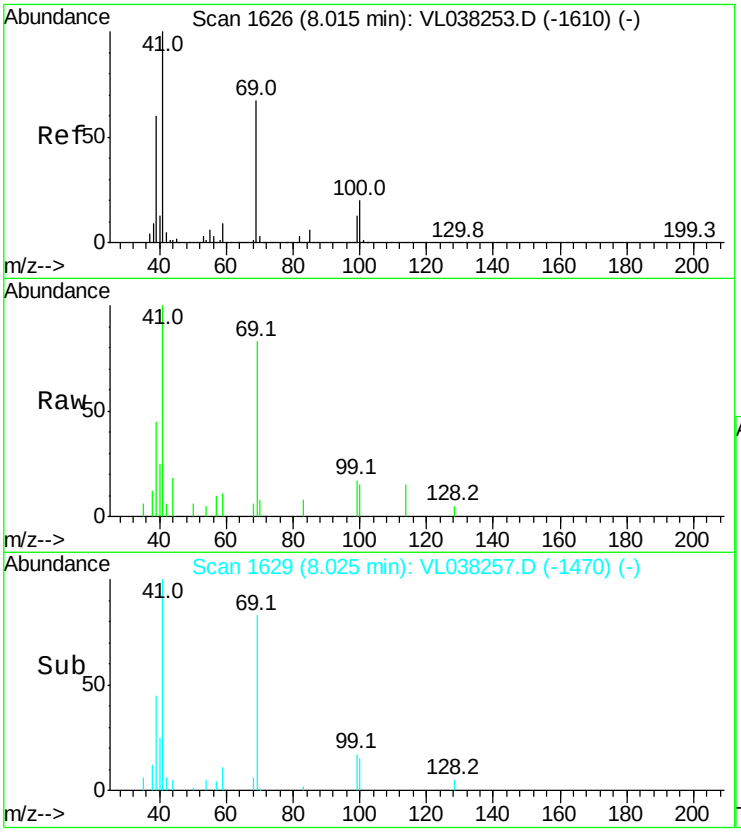


#42
Bromodichloromethane
Concen: 0.112 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 83 Resp: 16731

Ion	Ratio	Lower	Upper
83	100		
85	57.7	51.5	77.3
127	8.7	6.2	9.4



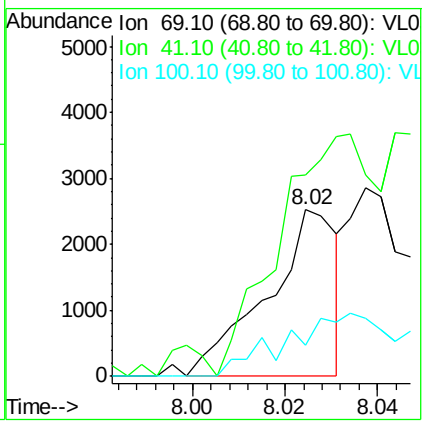


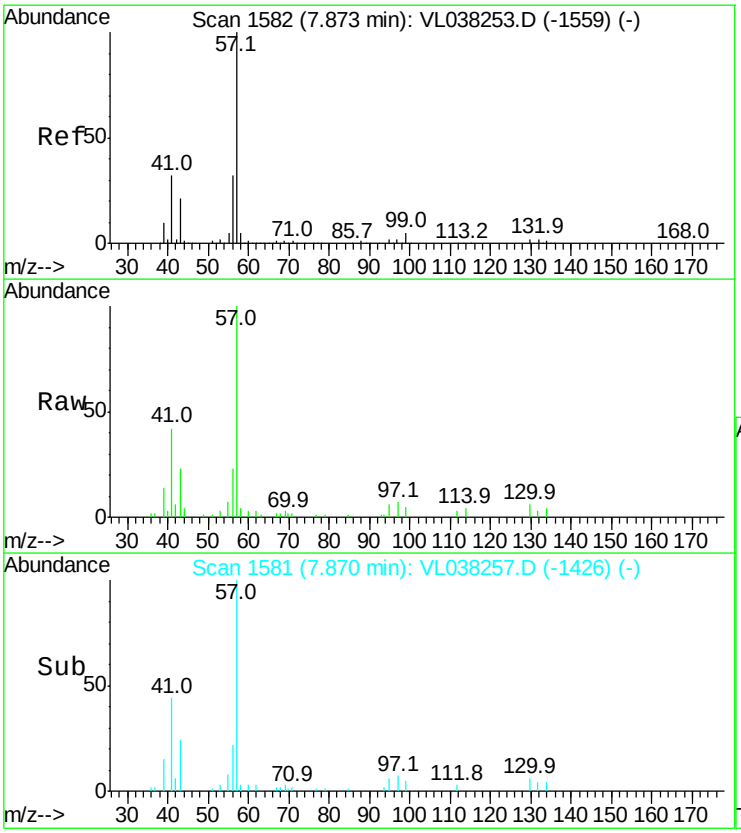
#43
Methyl Methacrylate
Concen: 0.037 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 69 Resp: 2631

Ion	Ratio	Lower	Upper
69	100		
41	0.0	120.9	181.3#
100	0.0	23.4	35.0#

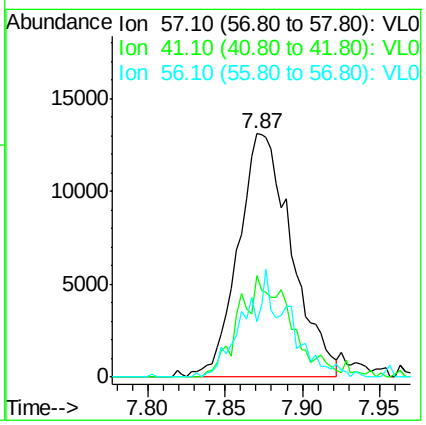


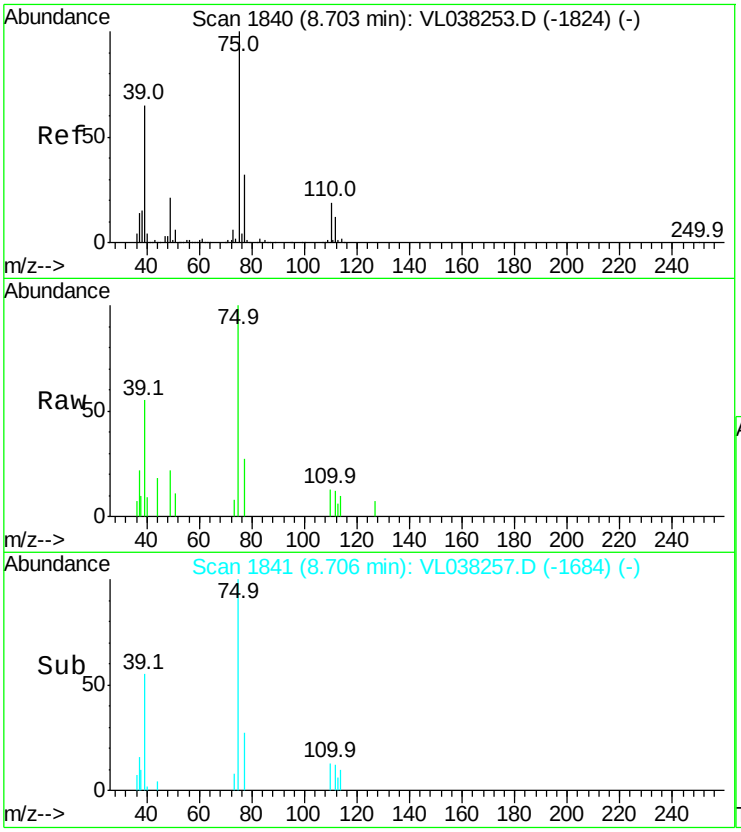


#44
2,2,4-Trimethylpentane
Concen: 0.089 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 57 Resp: 31440

Ion	Ratio	Lower	Upper
57	100		
41	42.0	26.3	39.5#
56	37.0	25.2	37.8



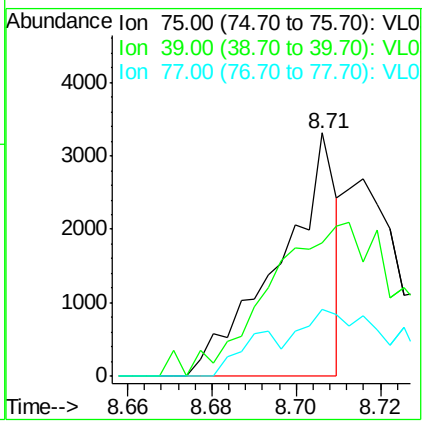


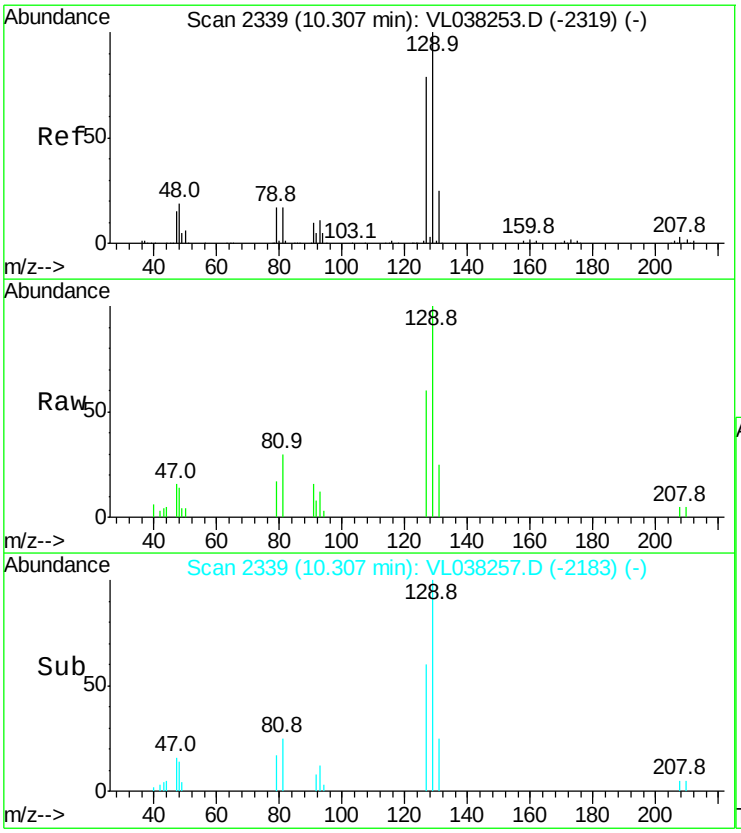
#46
cis-1,3-Dichloropropene
Concen: 0.042 ppbv
RT: 8.71
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 75 Resp: 3110

Ion	Ratio	Lower	Upper
75	100		
39	54.7	52.3	78.5
77	27.4	25.4	38.0

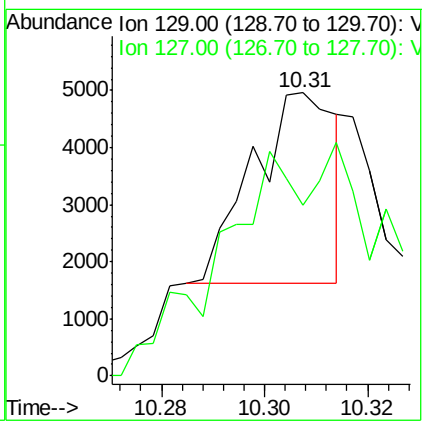


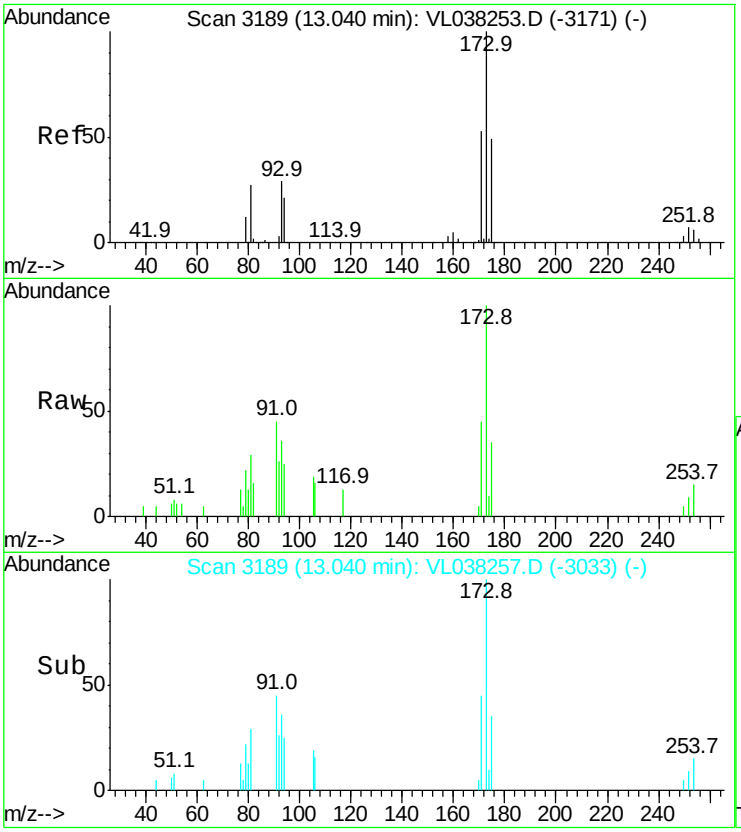


#48
Dibromochloromethane
Concen: 0.032 ppbv
RT: 10.31 min Scan# 2339
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion:129 Resp: 3723

Ion	Ratio	Lower	Upper
129	100		
127	251.9	39.1	117.3#



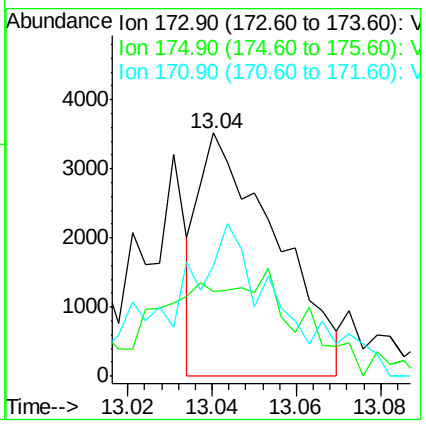


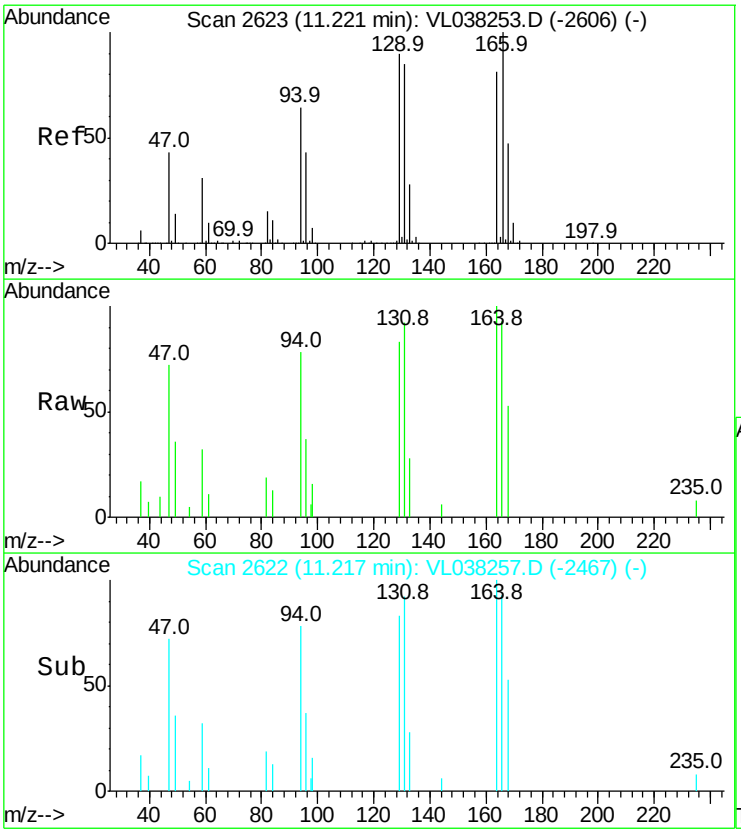
#49
Bromoform
Concen: 0.054 ppbv
RT: 13.04
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:173 Resp: 4481

Ion	Ratio	Lower	Upper
173	100		
175	81.3	39.7	59.5#
171	93.6	42.1	63.1#

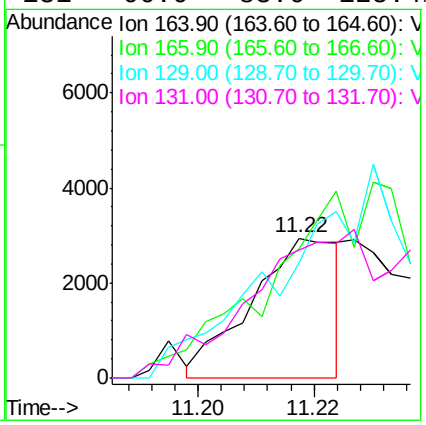


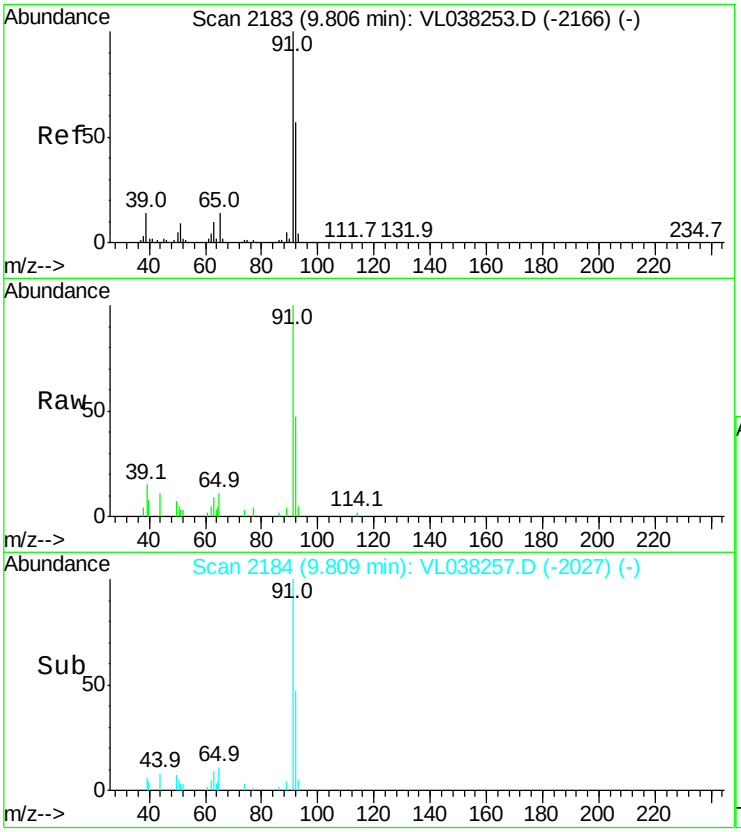


#52
Tetrachloroethene
Concen: 0.040 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion:164 Resp: 3068

Ion	Ratio	Lower	Upper
164	100		
166	79.4	98.8	148.2#
129	60.0	89.2	133.8#
131	66.0	83.6	125.4#



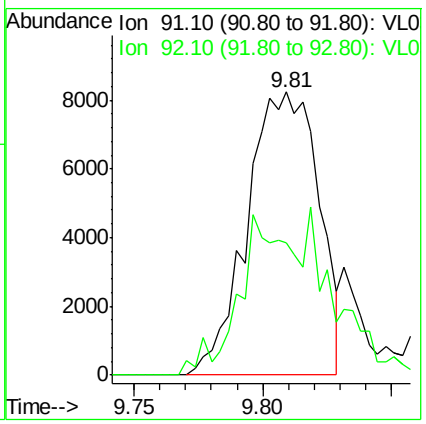


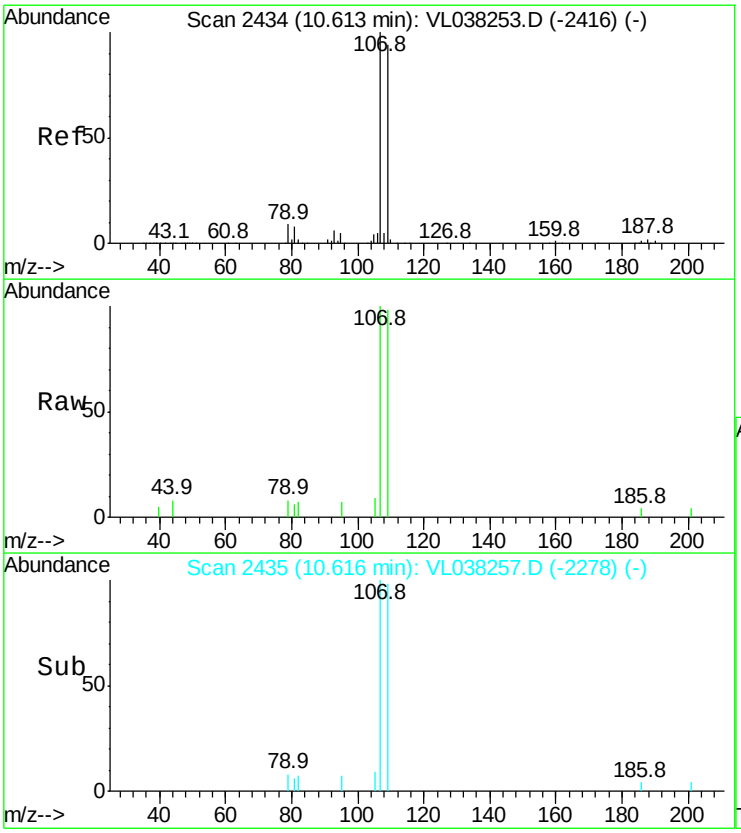
#53
Toluene
Concen: 0.066 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 15953

Ion	Ratio	Lower	Upper
91	100		
92	69.0	47.4	71.0

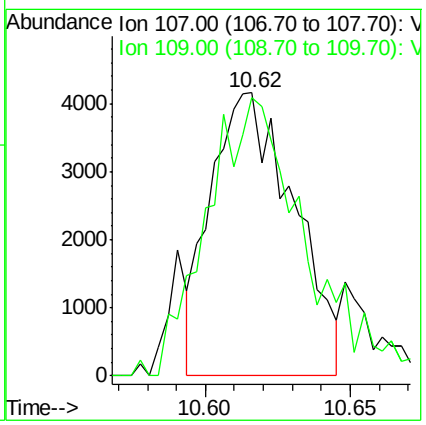


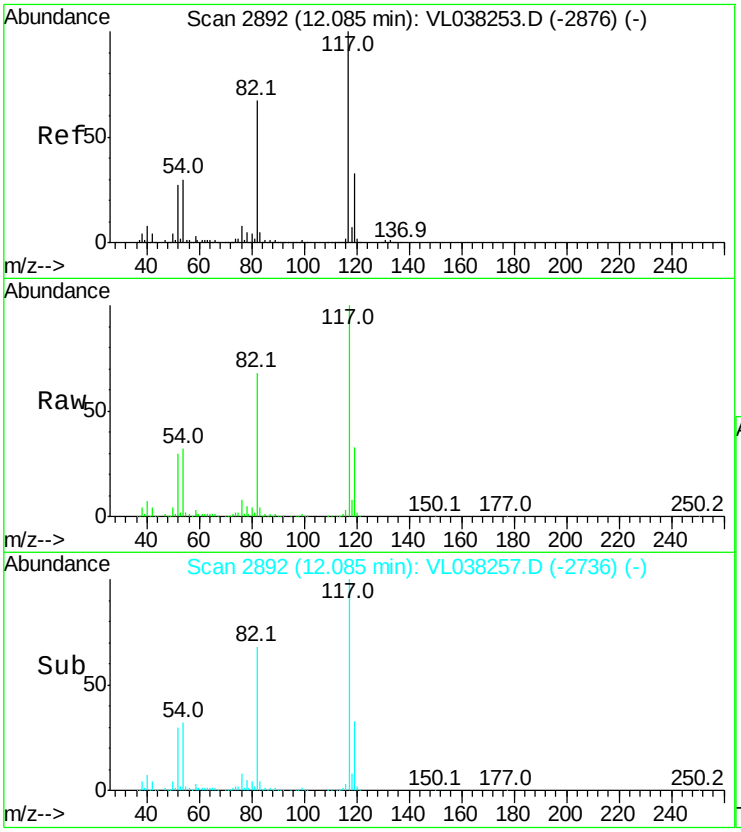


#54
1,2-Dibromoethane
Concen: 0.070 ppbv
RT: 10.62 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion:107 Resp: 8283

Ion	Ratio	Lower	Upper
107	100		
109	90.3	75.4	113.0



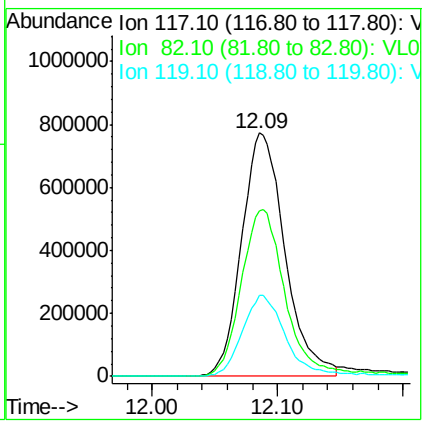


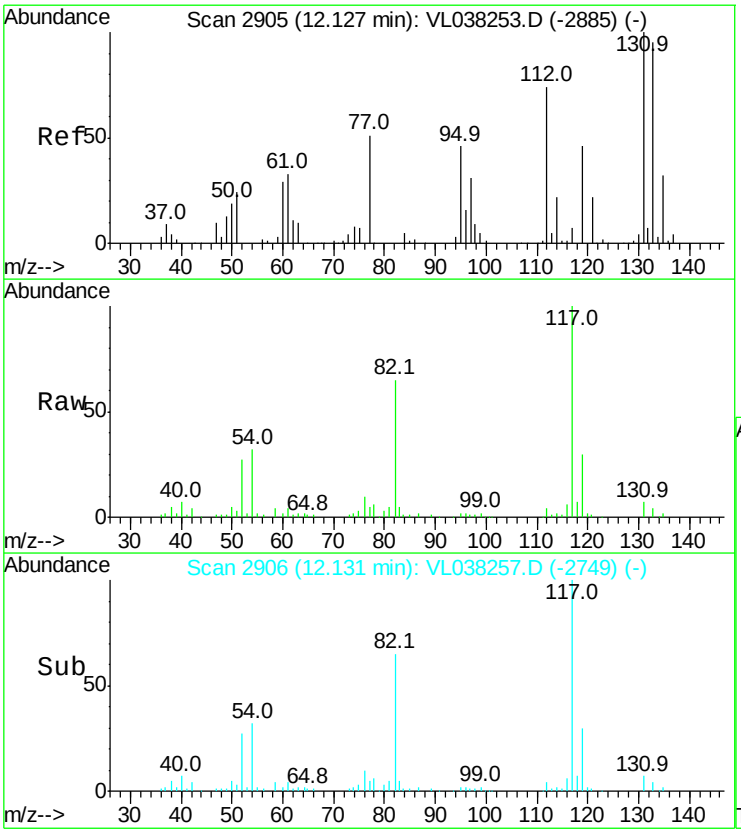
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 1858779

Ion	Ratio	Lower	Upper
117	100		
82	72.3	54.4	81.6
119	34.6	45.9	68.9#

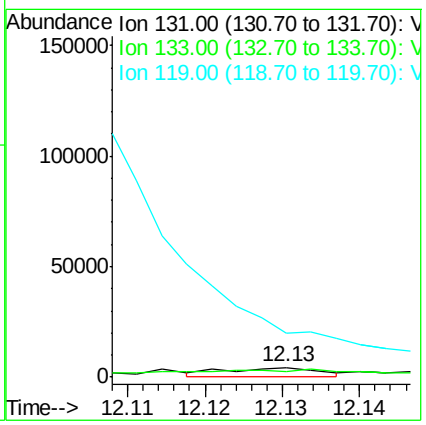


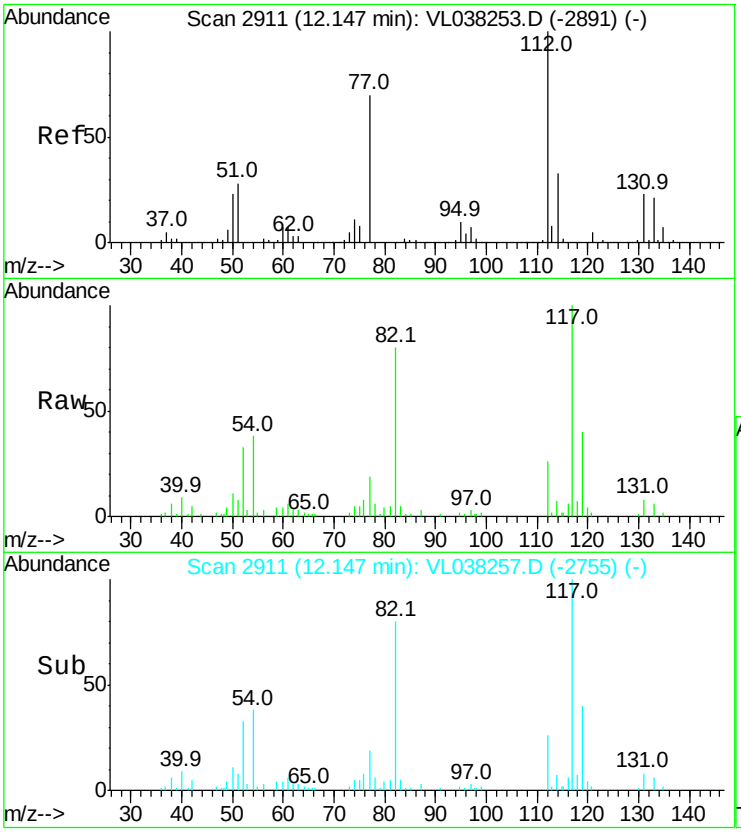


#56
1,1,1,2-Tetrachloroethane
Concen: 0.050 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion:131 Resp: 3829

Ion	Ratio	Lower	Upper
131	100		
133	211.9	76.0	114.0#
119	0.0	53.0	79.4#



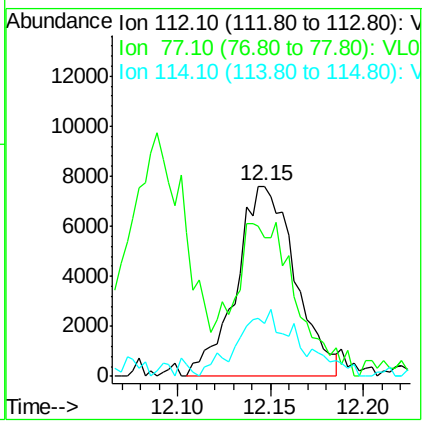


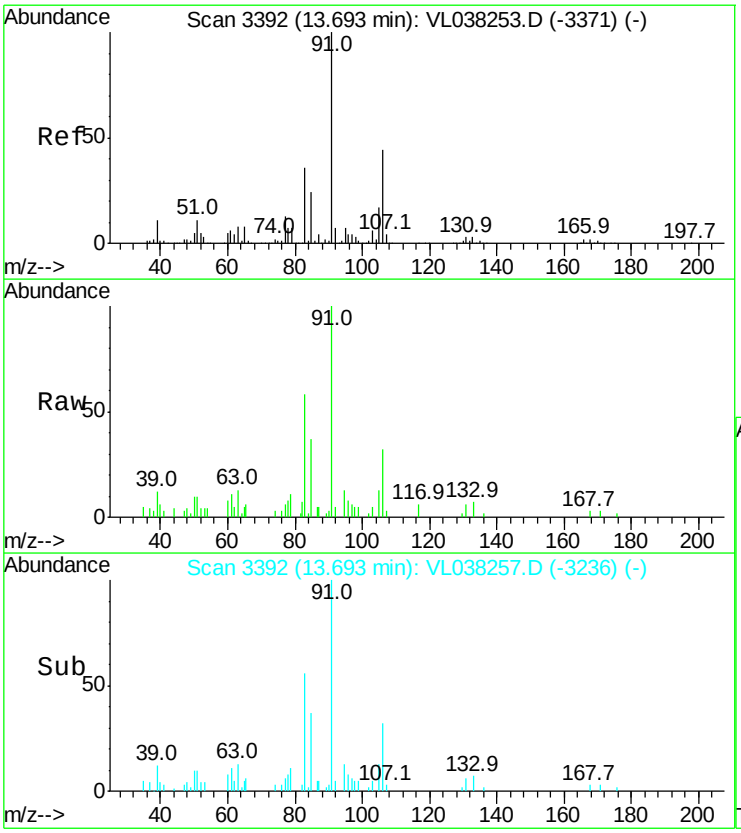
#57
Chlorobenzene
Concen: 0.104 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:112 Resp: 16733

Ion	Ratio	Lower	Upper
112	100		
77	57.7	55.9	83.9
114	29.9	29.3	35.9

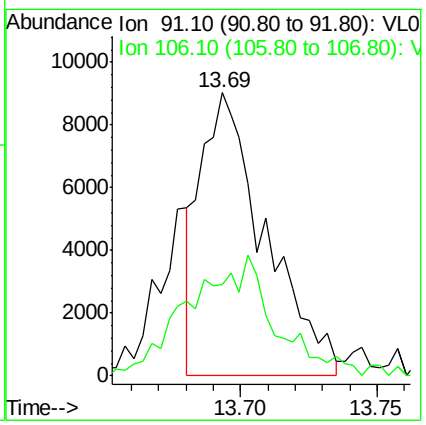


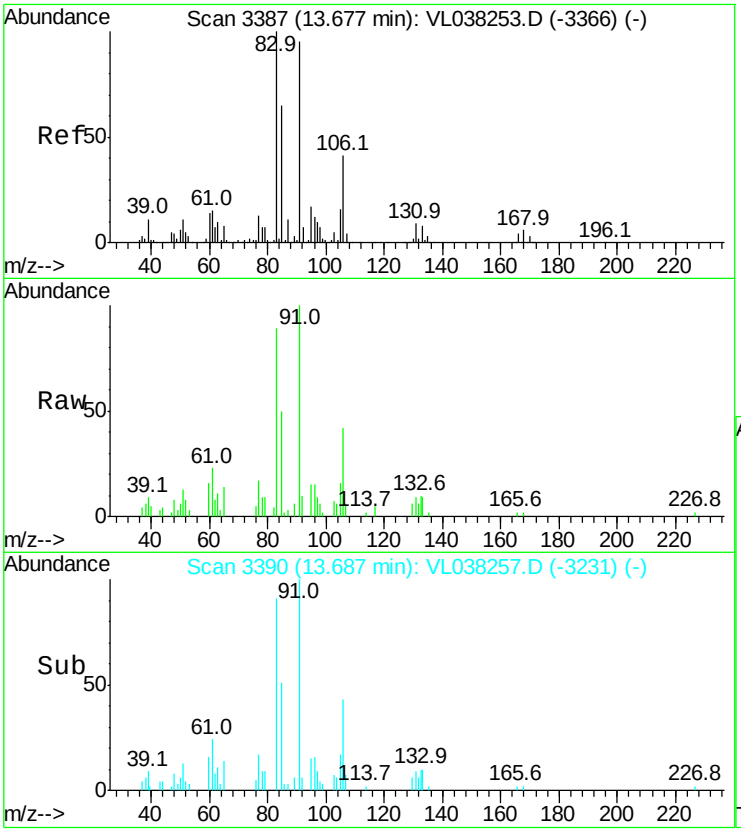


#60
o-Xylene
Concen: 0.065 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 91 Resp: 14845

Ion	Ratio	Lower	Upper
91	100		
106	58.0	22.2	66.6



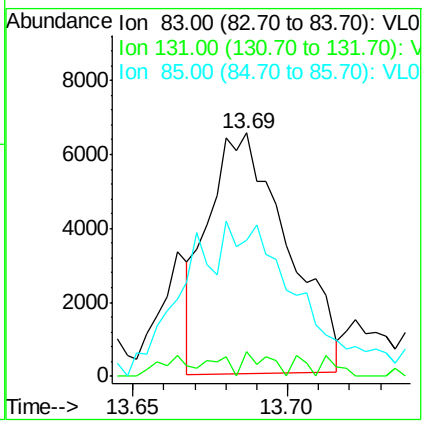


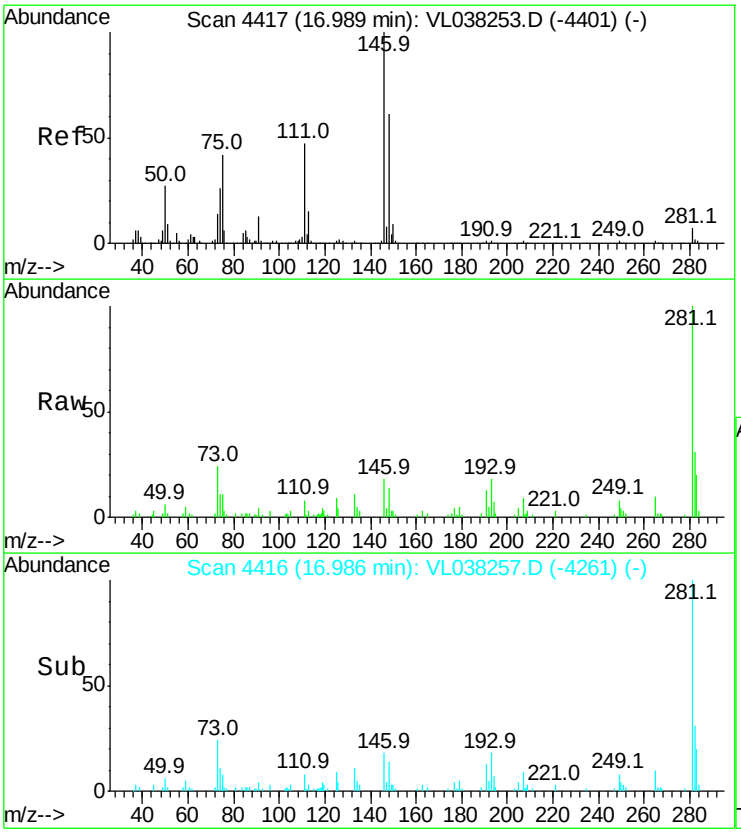
#63
1,1,2,2-Tetrachloroethane
Concen: 0.066 ppbv
RT: 13.69
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 11640

Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.5	13.5
85	100.8	32.8	98.4#

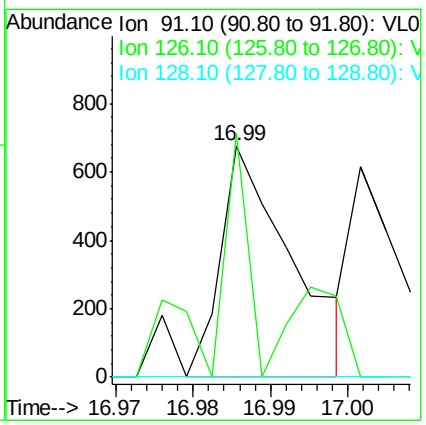


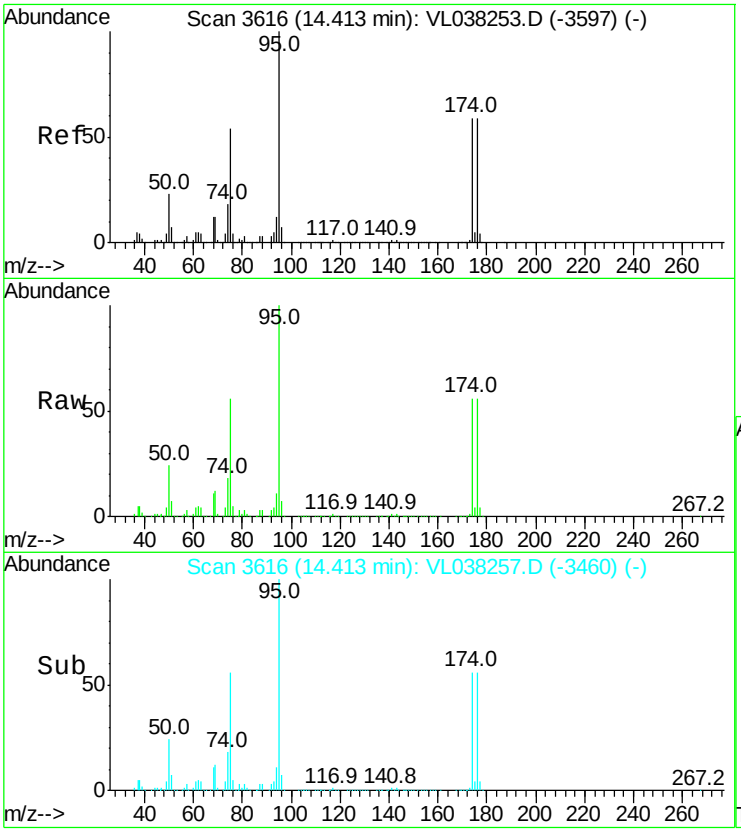


#66
Benzyl Chloride
Concen: 0.041 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. -0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 91 Resp: 428

Ion	Ratio	Lower	Upper
91	100		
126	59.6	12.6	18.8#
128	0.0	4.3	6.5#



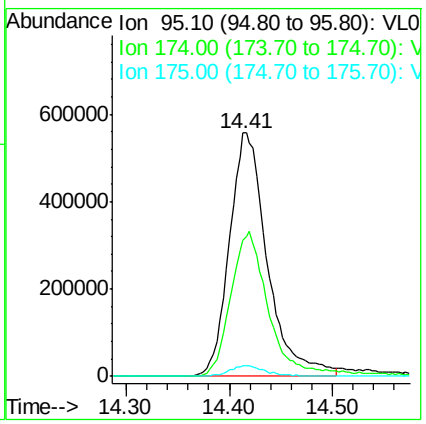


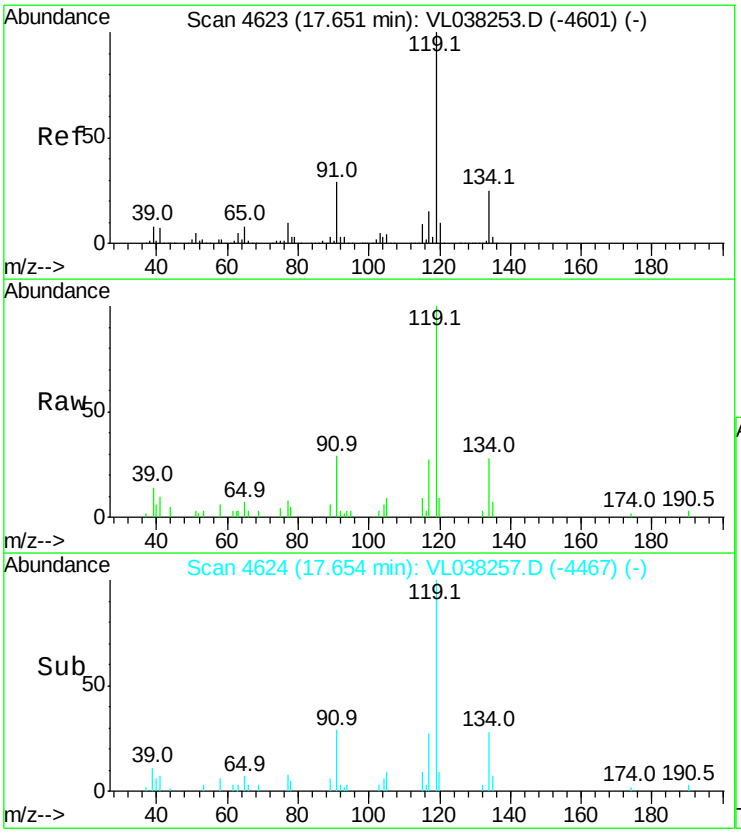
#68
1-Bromo-4-Fluorobenzene
Concen: 9.973 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 95 Resp: 1428537

Ion	Ratio	Lower	Upper
95	100		
174	62.3	48.3	72.5
175	4.5	3.5	5.3

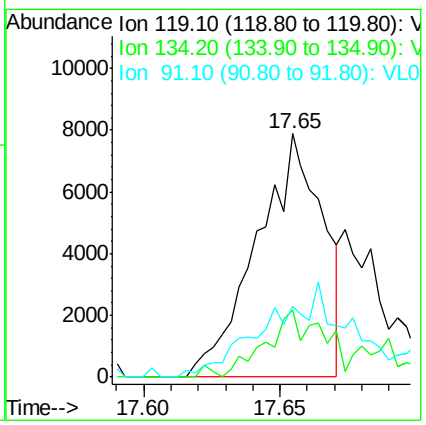


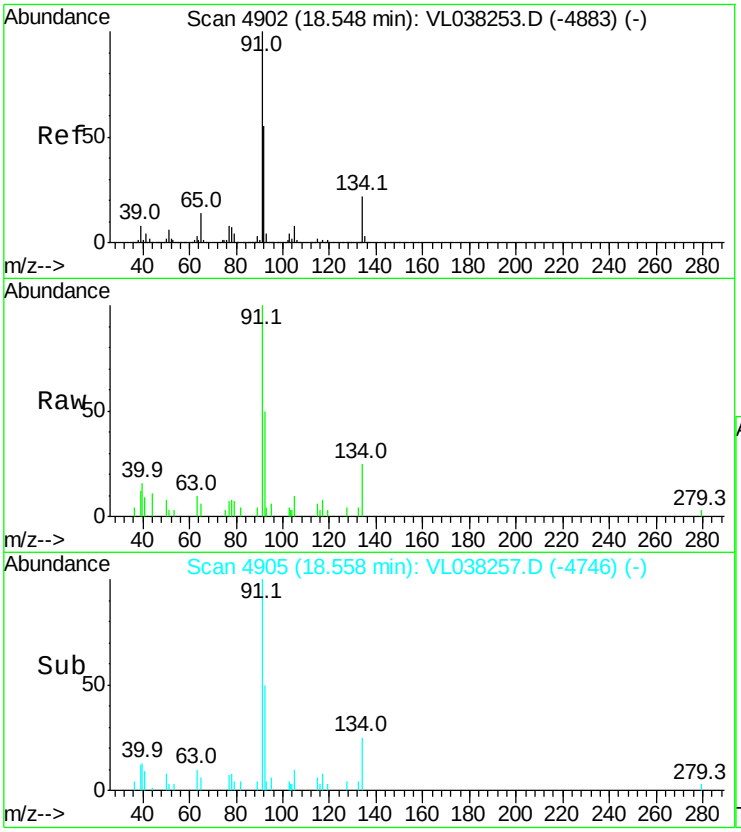


#69
p-Isopropyltoluene
Concen: 0.042 ppbv
RT: 17.65 min Scan# 4624
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion:119 Resp: 13247

Ion	Ratio	Lower	Upper
119	100		
134	34.6	20.2	30.2#
91	0.0	23.2	34.8#



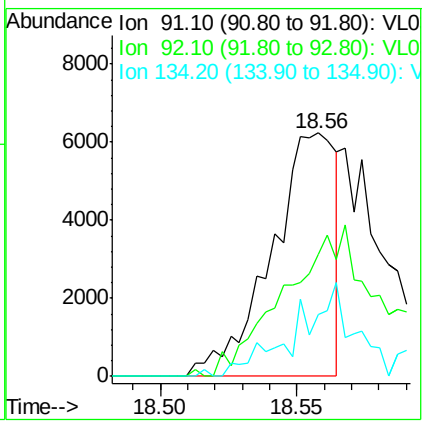


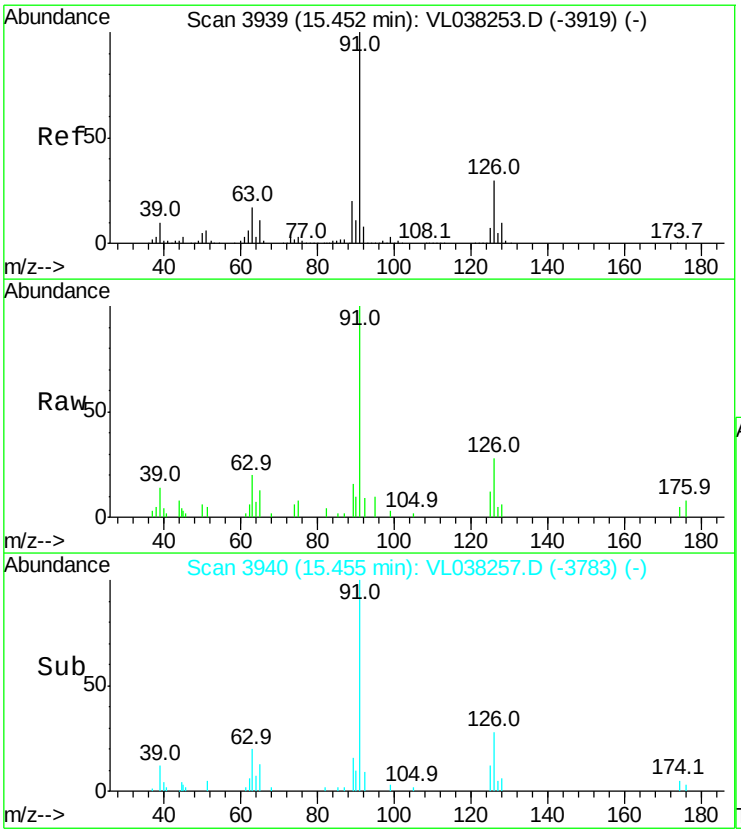
#70
n-Butylbenzene
Concen: 0.034 ppbv
RT: 18.56
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 10213

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.4	65.0#
134	0.0	17.3	25.9#

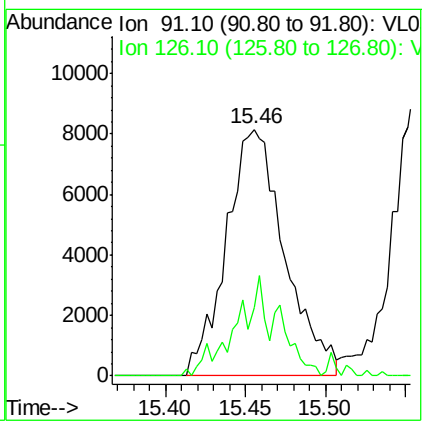


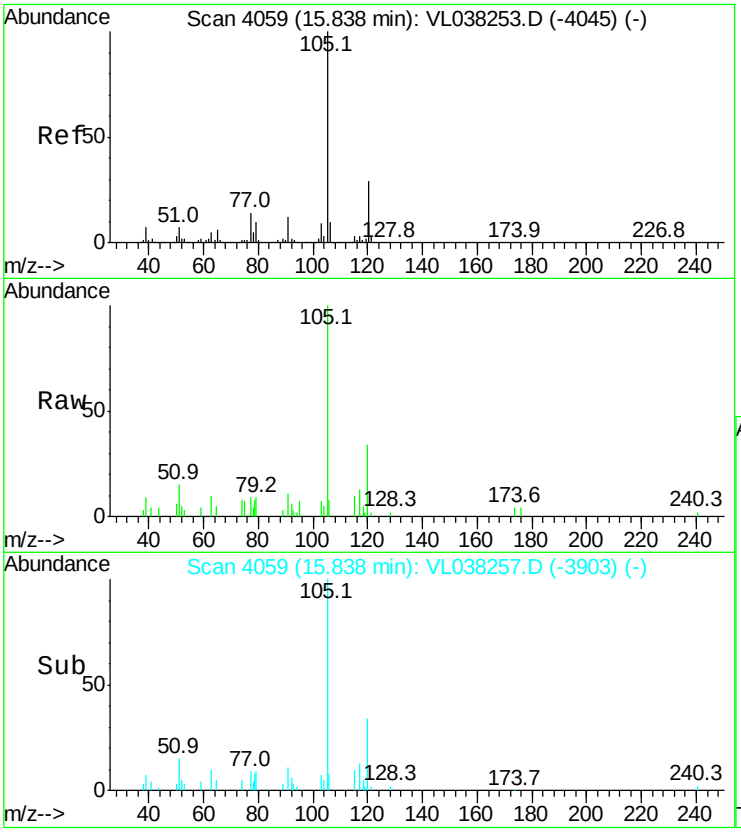


#71
2-Chlorotoluene
Concen: 0.086 ppbv
RT: 15.46 min Scan# 3940
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion: 91 Resp: 20441

Ion	Ratio	Lower	Upper
91	100		
126	30.9	12.1	48.5



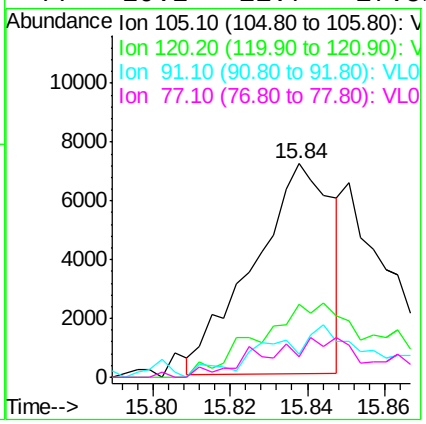


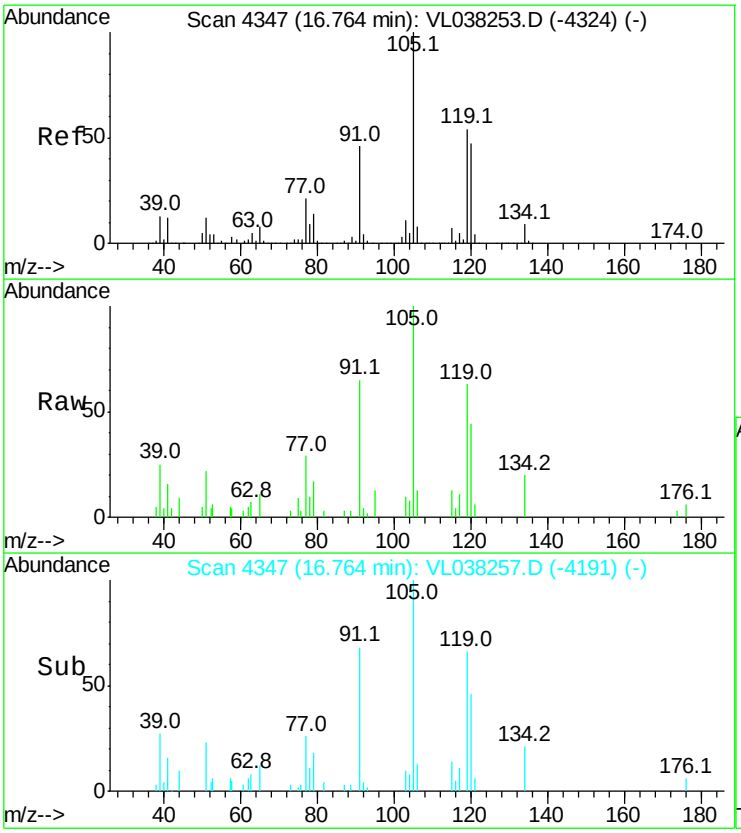
#72
4-Ethyltoluene
Concen: 0.038 ppbv
RT: 15.84
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 10113

Ion	Ratio	Lower	Upper
105	100		
120	60.7	23.8	35.8#
91	38.8	10.2	15.4#
77	29.2	11.7	17.5#

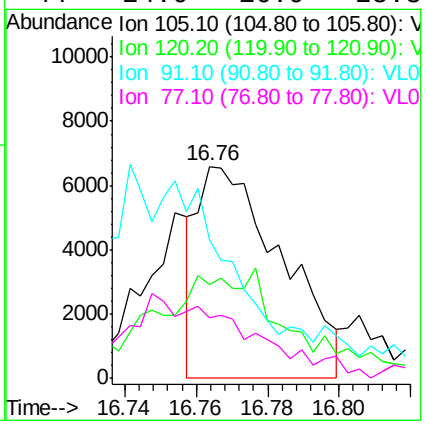


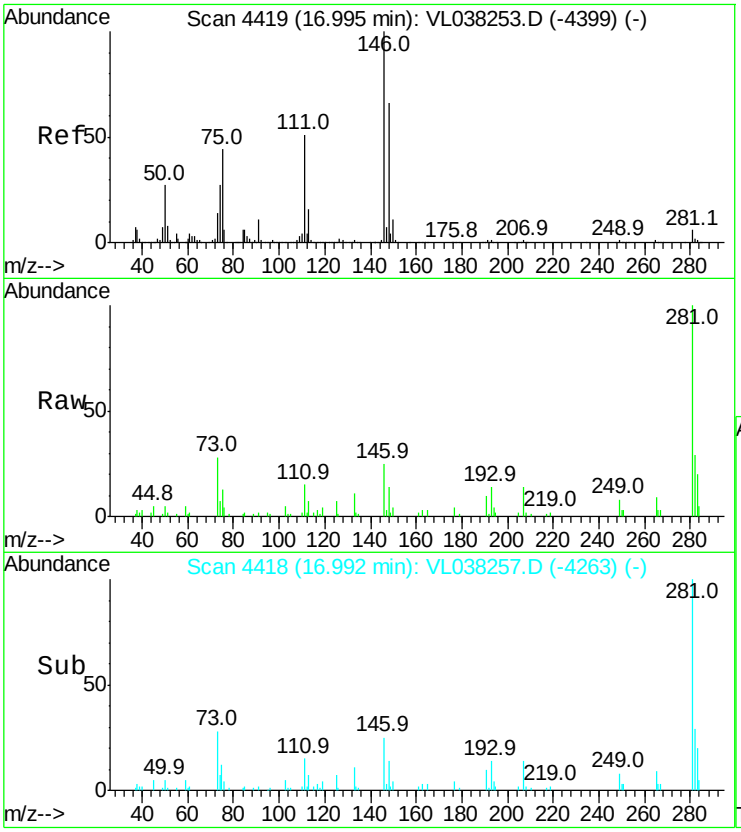


#74
1,2,4-Trimethylbenzene
Concen: 0.043 ppbv
RT: 16.76 min Scan# 4347
Delta R.T. 0.00 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion:105 Resp: 10757

Ion	Ratio	Lower	Upper
105	100		
120	42.2	37.2	55.8
91	58.7	36.6	55.0#
77	24.0	16.9	25.3



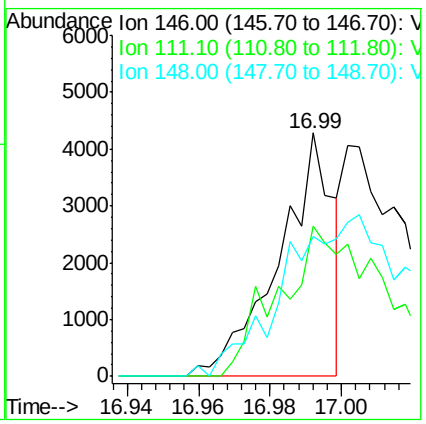


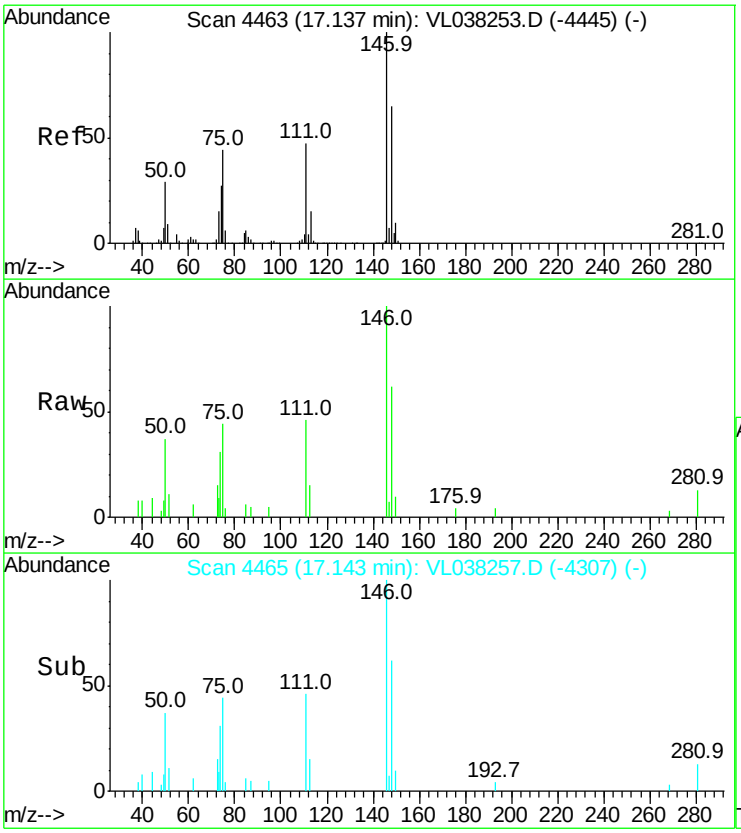
#75
1,3-Dichlorobenzene
Concen: 0.034 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 4492

Ion	Ratio	Lower	Upper
146	100		
111	136.8	24.1	72.4#
148	0.0	32.1	96.5#

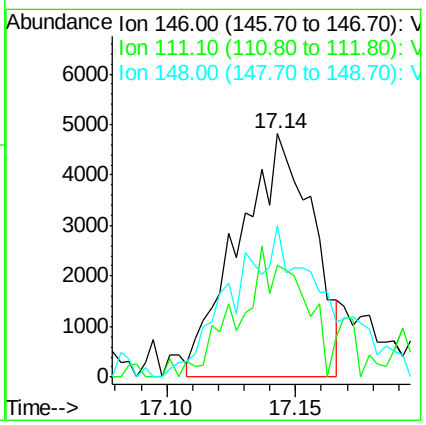


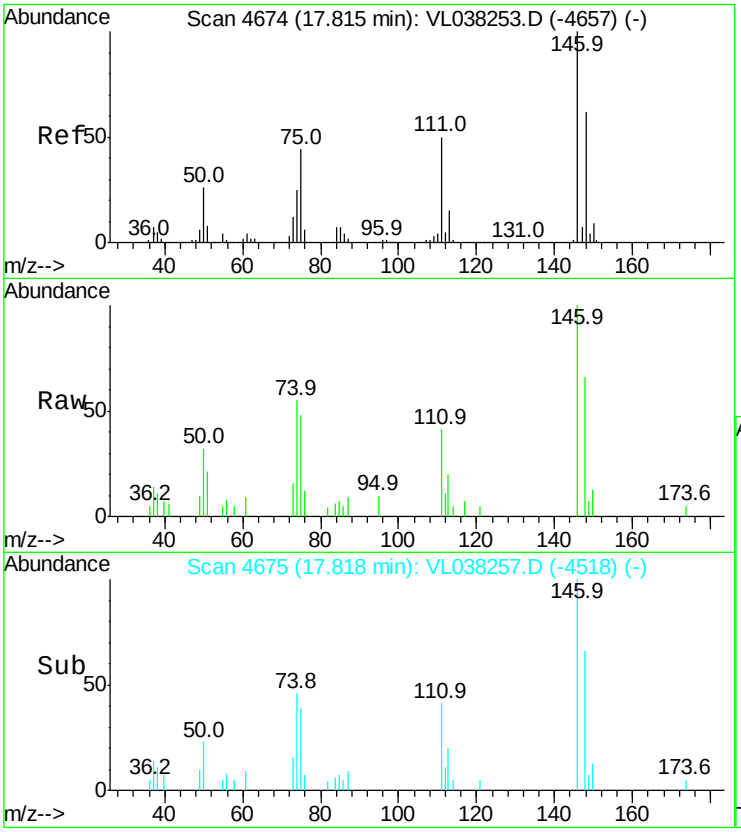


#76
1,4-Dichlorobenzene
Concen: 0.073 ppbv
RT: 17.14 min Scan# 4465
Delta R.T. 0.01 min
Lab File: VL038257.D
Acq: 24 Jan 2022 11:57

Tgt Ion:146 Resp: 9644

Ion	Ratio	Lower	Upper
146	100		
111	58.1	23.2	69.6
148	78.4	32.4	97.0





#77
1,2-Dichlorobenzene
Concen: 0.032 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 4098

Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.2	75.6#
148	0.0	32.6	97.8#