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

Quantitation Report (Not Reviewed)

Data File : VL038256.D
Acq On : 24 Jan 2022 11:21
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Jan 24 11:54:07 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	818572	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2228548	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	1916916	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1445521	9.79	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	96281	0.624	ppbv		96
3) Chlorodifluoromethane	3.00	51	87021	0.506	ppbv		99
4) Chloromethane	3.15	50	30294	0.508	ppbv	#	86
5) Vinyl Chloride	3.27	62	26644	0.444	ppbv		93
6) Bromomethane	3.48	94	15357	0.503	ppbv		95
7) Chloroethane	3.56	64	10169	0.504	ppbv	#	84
8) Dichlorotetrafluoroethane	3.20	85	72800	0.497	ppbv		97
9) Propene	3.02	41	27213	0.456	ppbv		85
10) Heptane	8.13	43	70336	0.464	ppbv		98
11) Trichlorofluoromethane	3.96	101	67493	0.476	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.49	101	26231	0.245	ppbv	#	15
13) Ethanol	3.63	45	1963	0.194	ppbv	#	37
14) Bromoethene	3.74	108	7333	0.172	ppbv	#	1
15) Acetone	3.88	43	35165	0.428	ppbv		91
16) 1,3-Butadiene	3.34	39	21488	0.384	ppbv	#	80
18) 1,1-Dichloroethene	4.29	96	20852	0.445	ppbv		86
19) Isopropyl Alcohol	4.00	45	12504	0.244	ppbv	#	82
20) Methylene Chloride	4.35	84	22465	0.484	ppbv	#	88
21) Allyl Chloride	4.42	41	31580	0.454	ppbv	#	85
22) trans-1,2-Dichloroethene	4.90	96	22824	0.477	ppbv		84
23) Vinyl Acetate	5.09	43	45936	0.413	ppbv	#	98
24) 1,1-Dichloroethane	5.01	63	47970	0.482	ppbv		96
25) Ethyl Acetate	5.70	43	101004	0.454	ppbv	#	95
26) Hexane	5.70	57	49788	0.446	ppbv		95
27) Carbon Disulfide	4.56	76	52026	0.529	ppbv		96
28) Methyl tert-Butyl Ether	5.05	73	49079	0.437	ppbv		93
29) Chloroform	5.76	83	78206	0.472	ppbv		95
30) Cyclohexane	7.13	84	40857	0.413	ppbv		96
32) 1,1,1-Trichloroethane	6.51	97	32683	0.199	ppbv	#	6
34) 2-Butanone	5.27	43	36098	0.539	ppbv		99
35) Carbon Tetrachloride	7.02	117	78426	0.570	ppbv		99
36) Benzene	6.89	78	97296	0.468	ppbv		97
37) 1,2-Dichloroethane	6.31	62	57415	0.550	ppbv		98
38) Trichloroethene	7.84	130	19629	0.248	ppbv		92
39) 1,2-Dichloropropane	7.61	63	22549	0.282	ppbv		95
41) Tetrahydrofuran	6.09	42	20575	0.419	ppbv	#	90
42) Bromodichloromethane	7.79	83	40265	0.271	ppbv		93
43) Methyl Methacrylate	8.02	69	18534	0.259	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.87	57	182768	0.518	ppbv		96
45) t-1,3-Dichloropropene	9.28	75	21918	0.414	ppbv		98
46) cis-1,3-Dichloropropene	8.70	75	16709	0.228	ppbv		94

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

Quantitation Report (Not Reviewed)

Data File : VL038256.D
Acq On : 24 Jan 2022 11:21
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Jan 24 11:54:07 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)
47) 1,1,2-Trichloroethane	9.48	97	41635	0.501	ppbv		90
48) Dibromochloromethane	10.30	129	41338	0.354	ppbv	#	46
49) Bromoform	13.04	173	44619	0.538	ppbv		98
50) 4-Methyl-2-Pentanone	8.77	43	30215	0.248	ppbv	#	39
52) Tetrachloroethene	11.22	164	34626	0.451	ppbv		86
53) Toluene	9.81	91	106074	0.442	ppbv		99
54) 1,2-Dibromoethane	10.61	107	41547	0.353	ppbv		90
56) 1,1,1,2-Tetrachloroethane	12.13	131	45750	0.574	ppbv	#	1
57) Chlorobenzene	12.14	112	82149	0.494	ppbv		95
58) Ethyl Benzene	12.71	91	77031	0.259	ppbv		100
59) m/p-Xylene	13.00	91	95523	0.376	ppbv	#	1
60) o-Xylene	13.69	91	119373	0.506	ppbv		99
61) Styrene	13.53	104	47821	0.400	ppbv		98
62) Isopropylbenzene	14.67	105	156525	0.473	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.68	83	43102	0.238	ppbv	#	20
64) n-propylbenzene	15.56	120	34619	0.421	ppbv		76
65) tert-Butylbenzene	16.74	119	57823	0.198	ppbv	#	1
66) Benzyl Chloride	16.99	91	1849	0.170	ppbv	#	70
67) sec-Butylbenzene	17.30	105	176150	0.440	ppbv		99
69) p-Isopropyltoluene	17.66	119	131682	0.409	ppbv		95
70) n-Butylbenzene	18.55	91	122356	0.400	ppbv		99
71) 2-Chlorotoluene	15.45	91	114699	0.466	ppbv		97
72) 4-Ethyltoluene	15.84	105	114204	0.421	ppbv	#	96
73) 1,3,5-Trimethylbenzene	16.00	105	106560	0.439	ppbv		91
74) 1,2,4-Trimethylbenzene	16.77	105	50027	0.196	ppbv		96
75) 1,3-Dichlorobenzene	16.99	146	32096	0.233	ppbv	#	19
76) 1,4-Dichlorobenzene	17.14	146	29428	0.215	ppbv	#	25
77) 1,2-Dichlorobenzene	17.82	146	31238	0.237	ppbv	#	30
78) Hexachloro-1,3-Butadiene	23.38	225	11338	0.139	ppbv	#	1
79) Naphthalene	22.20	128	16682	0.127	ppbv		99
81) 1,2,4-Trichlorobenzene	21.93	180	11070	0.147	ppbv	#	1

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

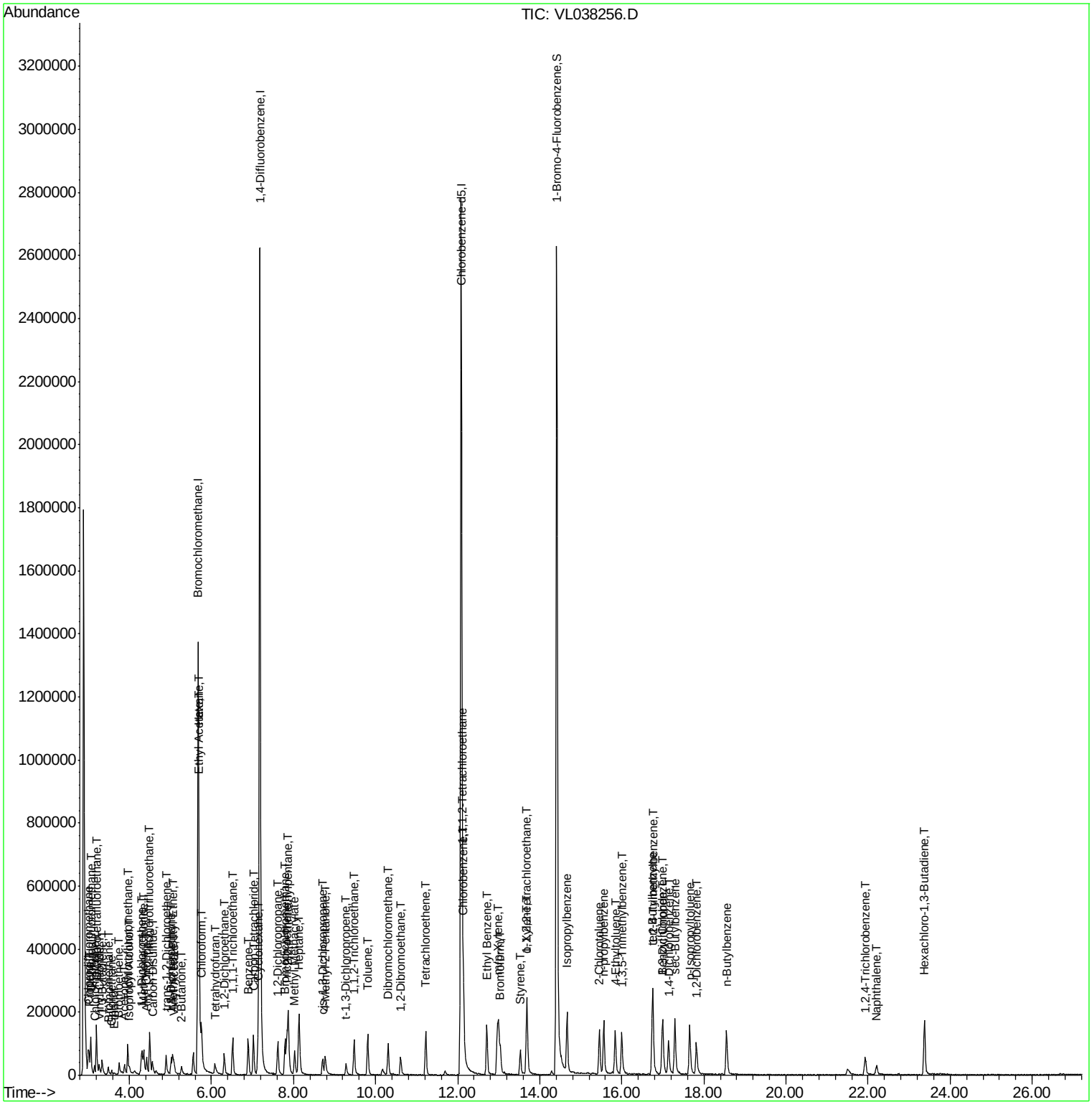
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012422\

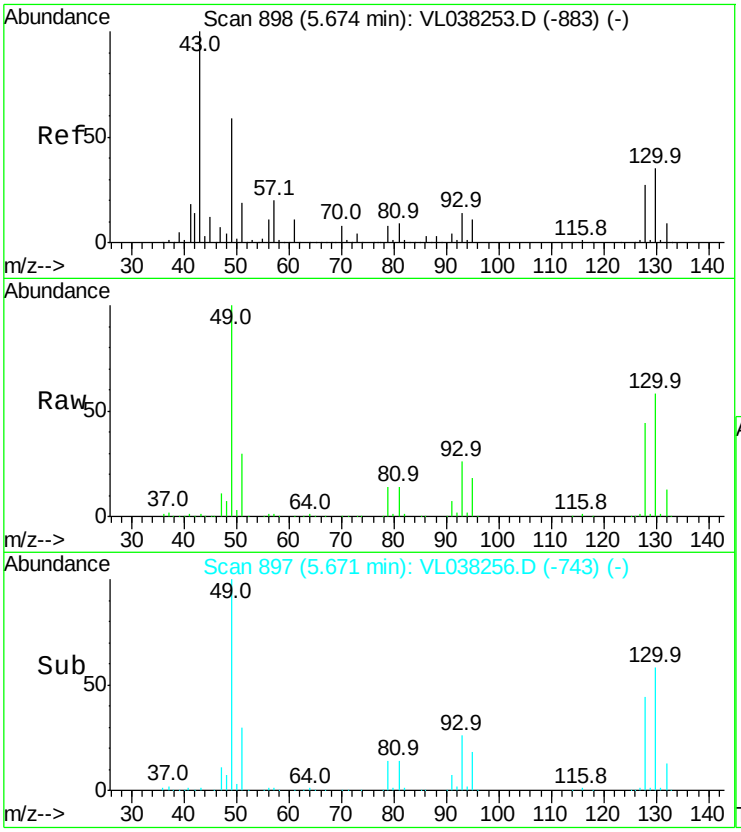
Quantitation Report (Not Reviewed)

Data File : VL038256.D
Acq On : 24 Jan 2022 11:21
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: Jan 24 11:54:07 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



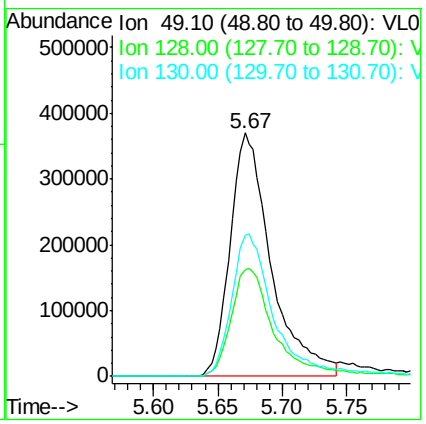


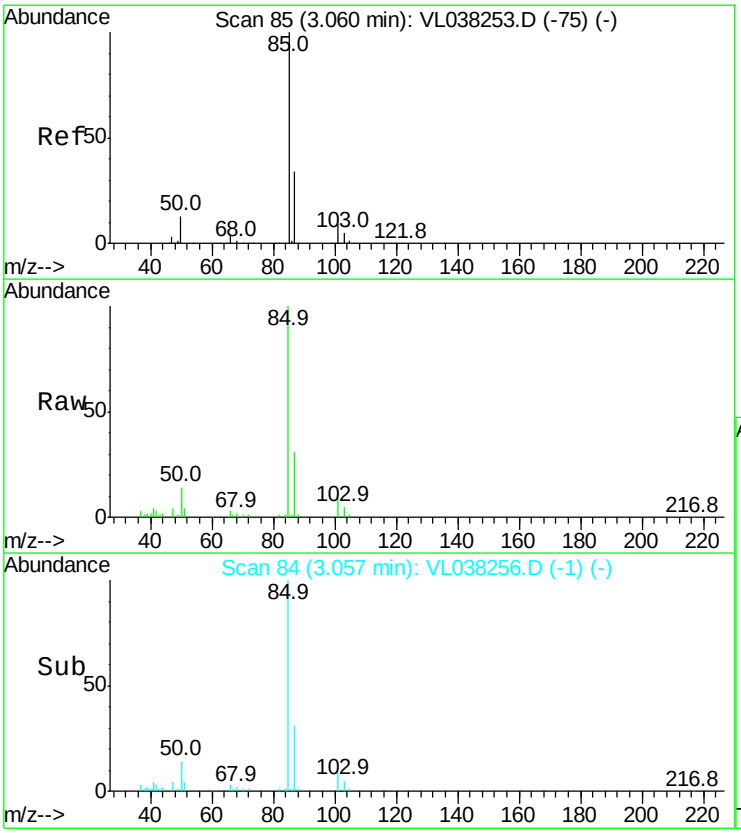
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 818572

Ion	Ratio	Lower	Upper
49	100		
128	48.3	24.5	73.5
130	62.0	30.1	90.5

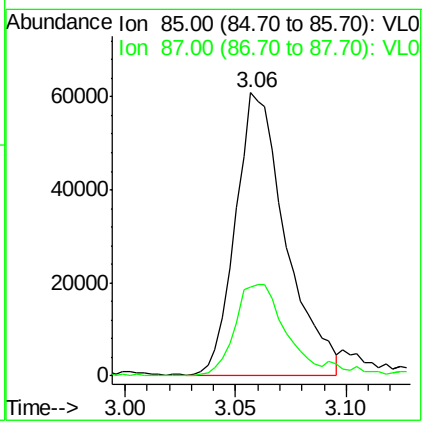


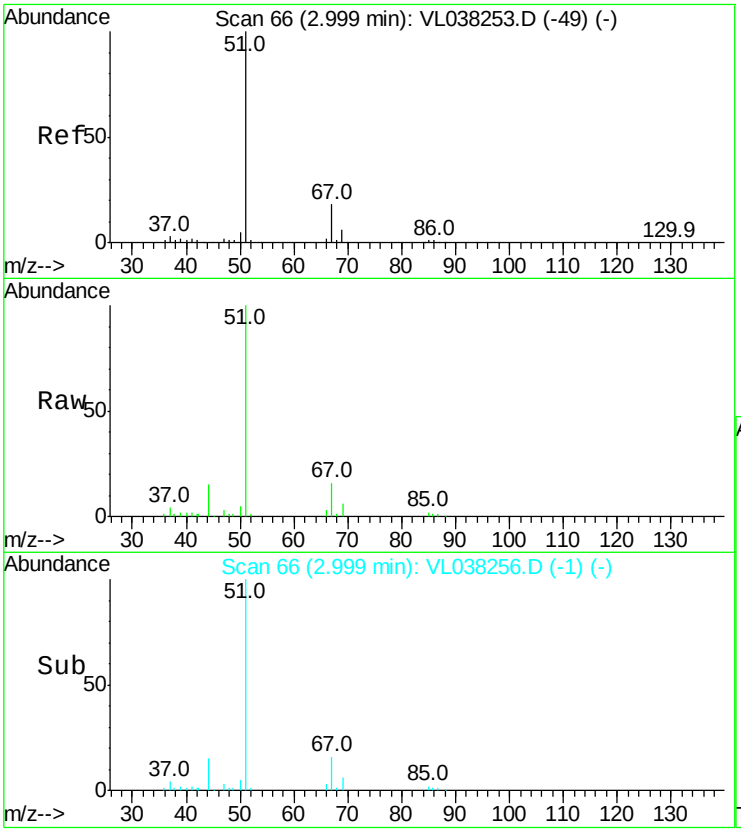


#2
Dichlorodifluoromethane
Concen: 0.624 ppbv
RT: 3.06 min Scan# 84
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 85 Resp: 96281

Ion	Ratio	Lower	Upper
85	100		
87	31.6	27.0	40.6



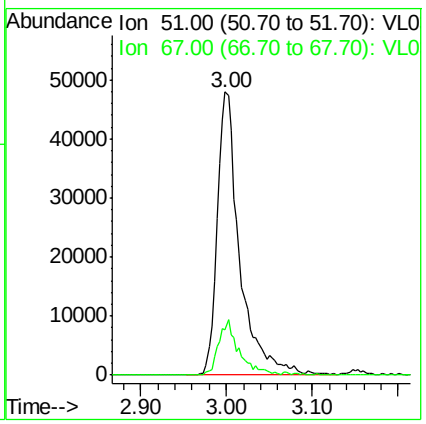


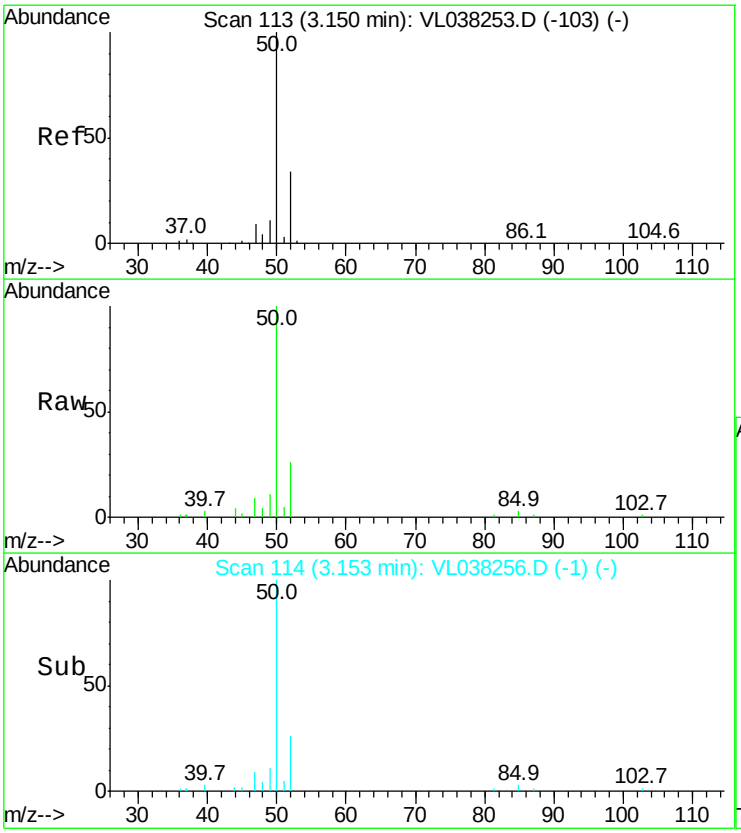
#3
Chlorodifluoromethane
Concen: 0.506 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 87021

Ion	Ratio	Lower	Upper
51	100		
67	18.4	14.4	21.6

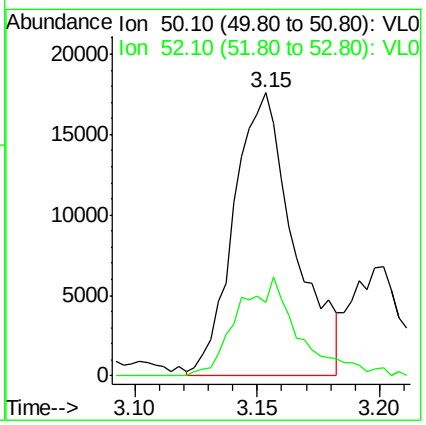


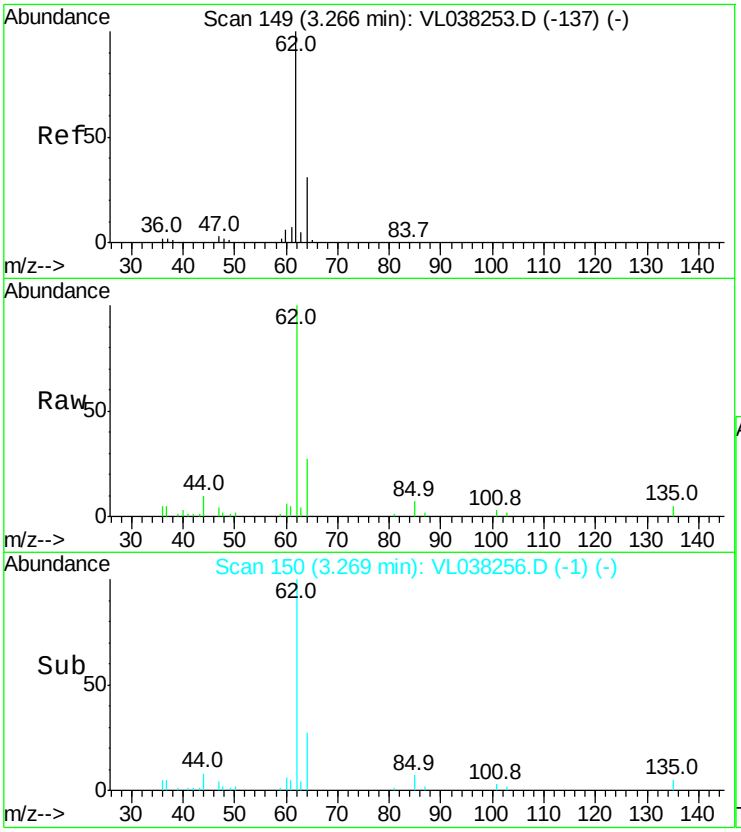


#4
Chloromethane
Concen: 0.508 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 50 Resp: 30294

Ion	Ratio	Lower	Upper
50	100		
52	26.1	27.1	40.7#



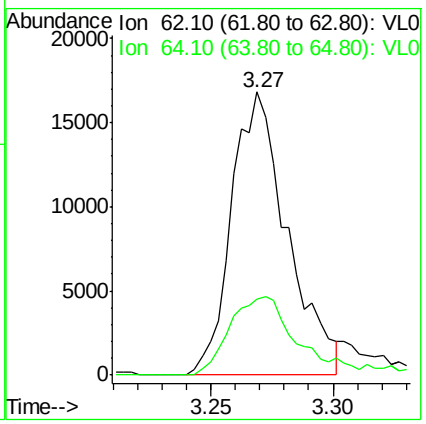


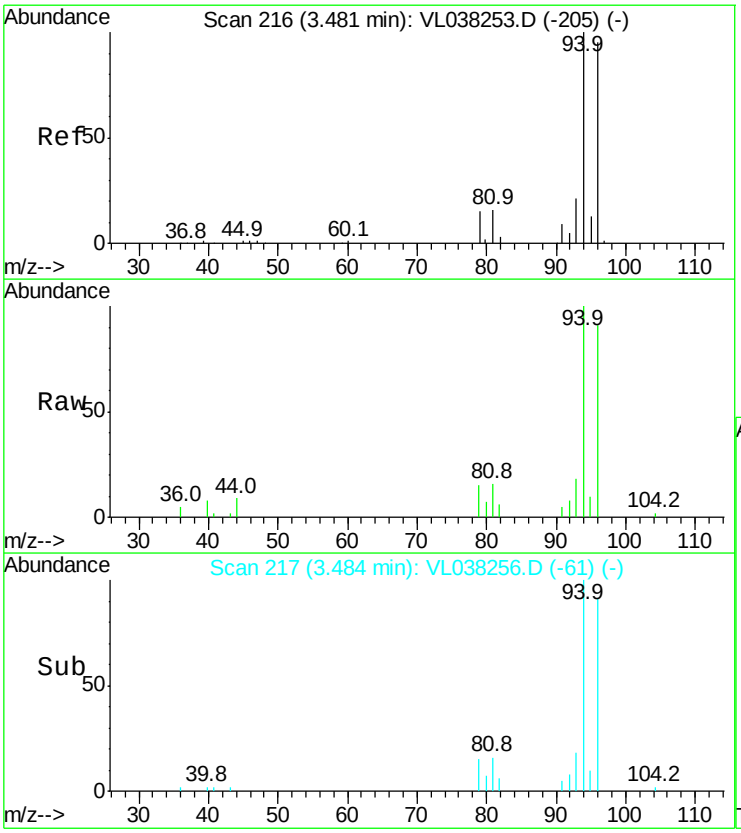
#5
Vinyl Chloride
Concen: 0.444 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 26644

Ion	Ratio	Lower	Upper
62	100		
64	26.9	24.4	36.6

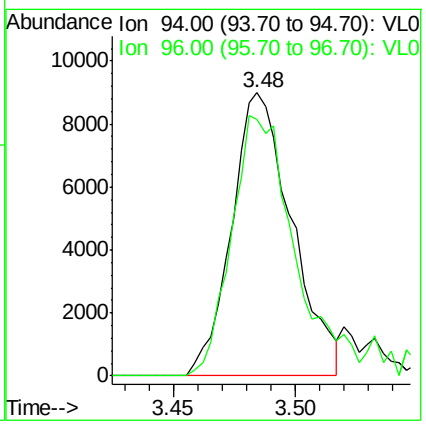


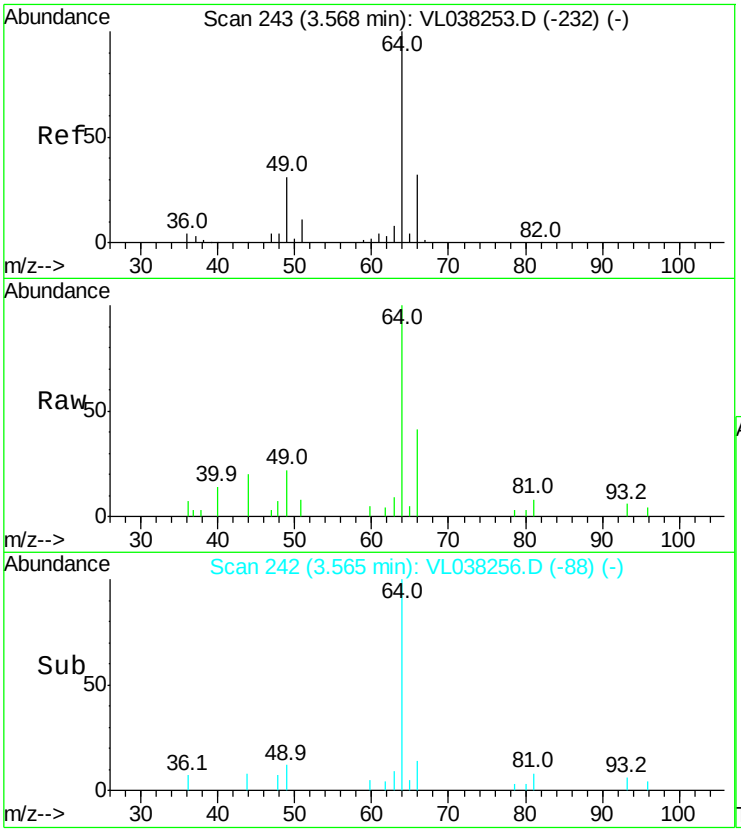


#6
Bromomethane
Concen: 0.503 ppbv
RT: 3.48 min Scan# 217
Delta R.T. 0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 94 Resp: 15357

Ion	Ratio	Lower	Upper
94	100		
96	90.6	76.0	114.0



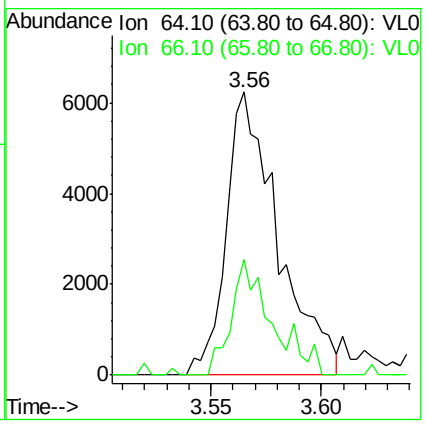


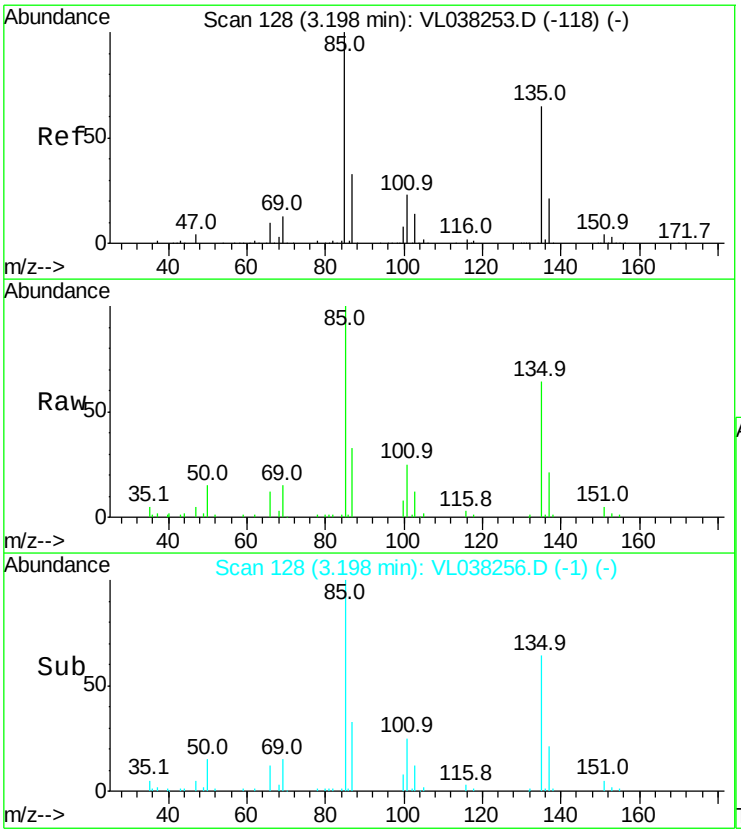
#7
Chloroethane
Concen: 0.504 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 10169

Ion	Ratio	Lower	Upper
64	100		
66	41.0	25.8	38.6#

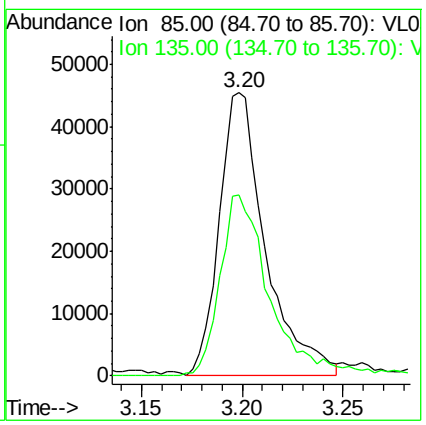


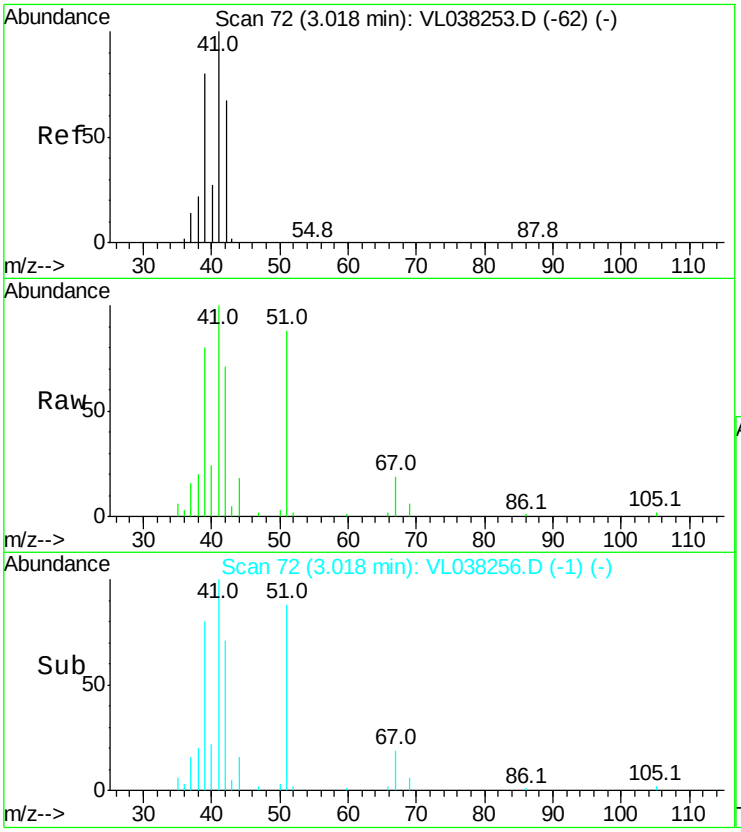


#8
Dichlorotetrafluoroethane
Concen: 0.497 ppbv
RT: 3.20 min Scan# 128
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 85 Resp: 72800

Ion	Ratio	Lower	Upper
85	100		
135	69.9	53.7	80.5



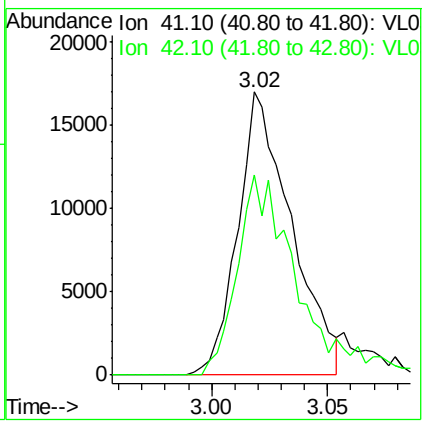


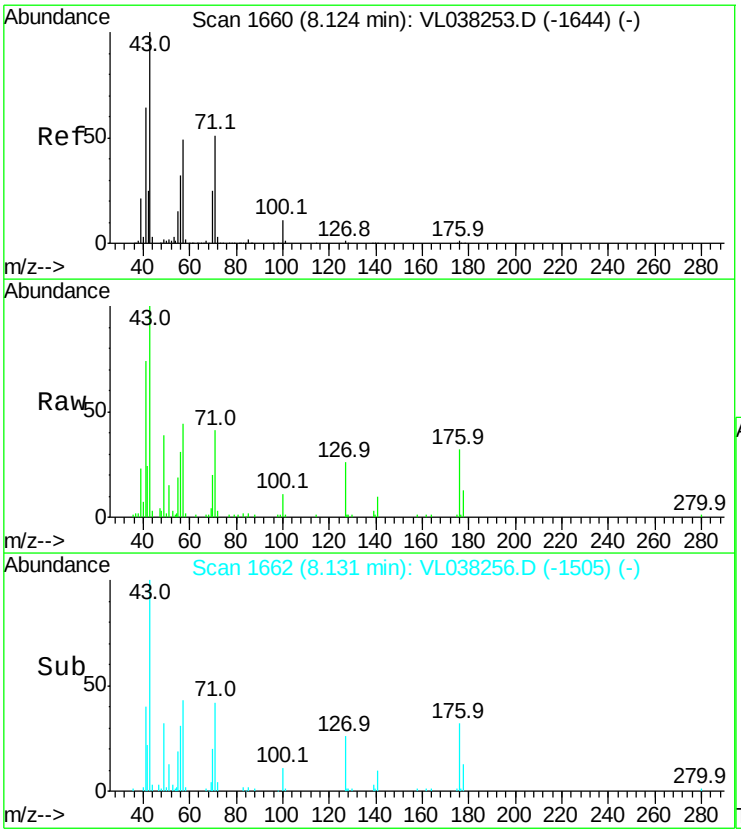
#9
Propene
Concen: 0.456 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 27213

Ion	Ratio	Lower	Upper
41	100		
42	80.6	54.9	82.3

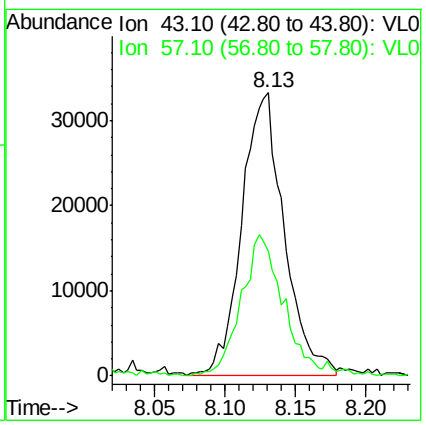


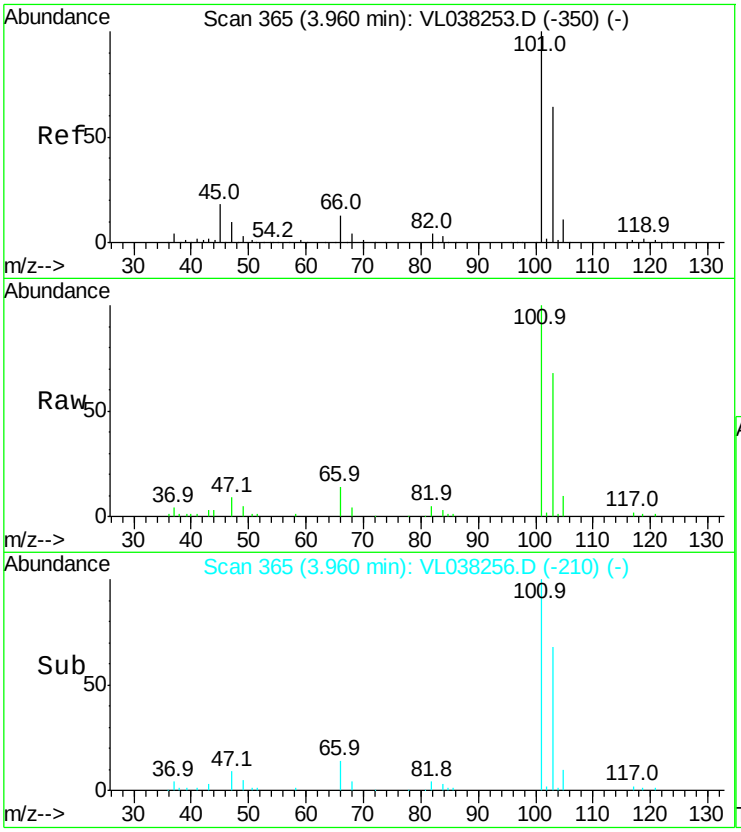


#10
Heptane
Concen: 0.464 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 43 Resp: 70336

Ion	Ratio	Lower	Upper
43	100		
57	50.5	39.5	59.3



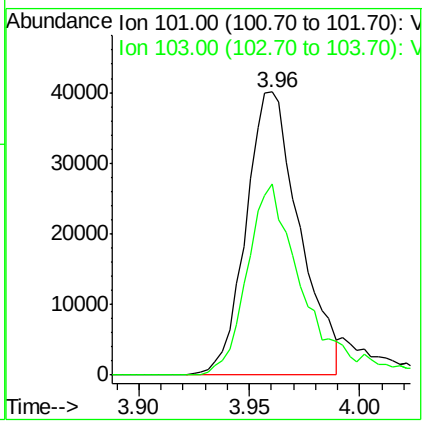


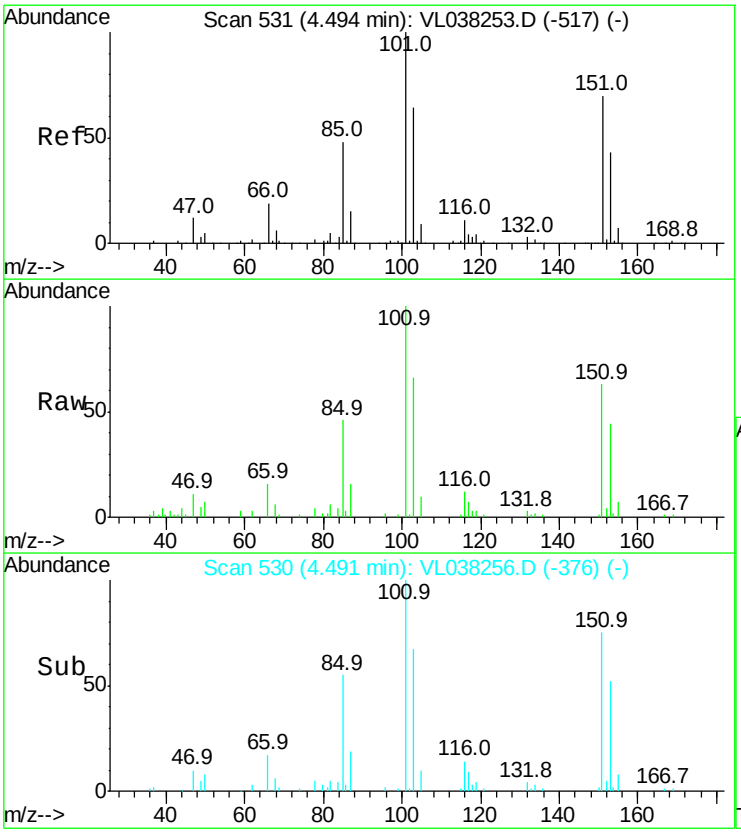
#11
Trichlorofluoromethane
Concen: 0.476 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 67493

Ion	Ratio	Lower	Upper
101	100		
103	67.7	51.2	76.8

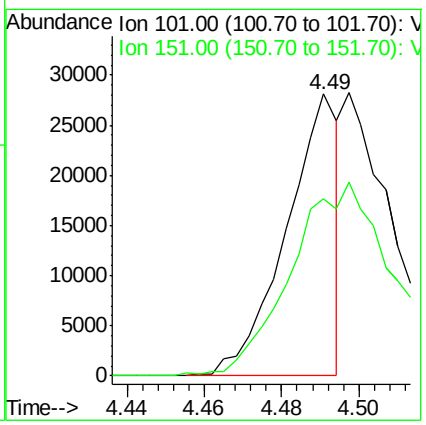


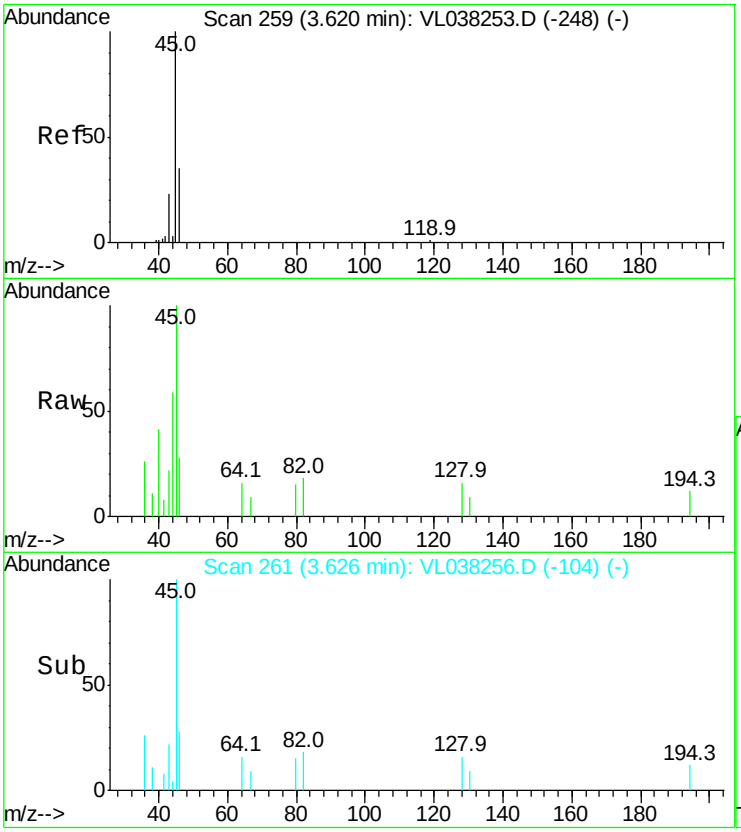


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.245 ppbv
RT: 4.49 min Scan# 530
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:101 Resp: 26231

Ion	Ratio	Lower	Upper
101	100		
151	0.0	55.3	82.9#



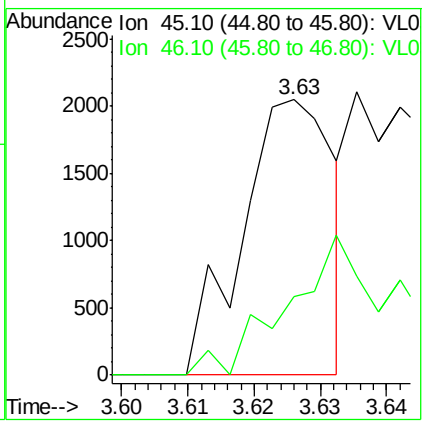


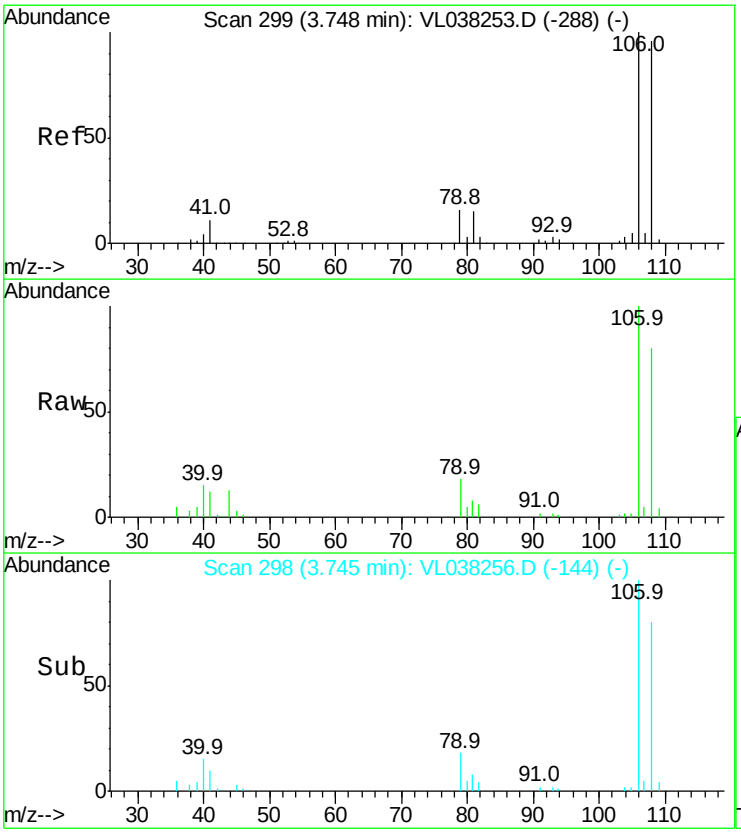
#13
Ethanol
Concen: 0.194 ppbv
RT: 3.63
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 1963

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.4	61.6#

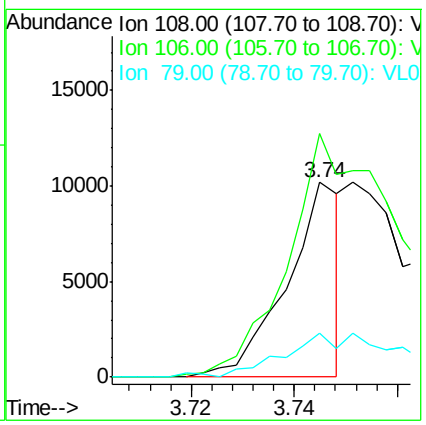


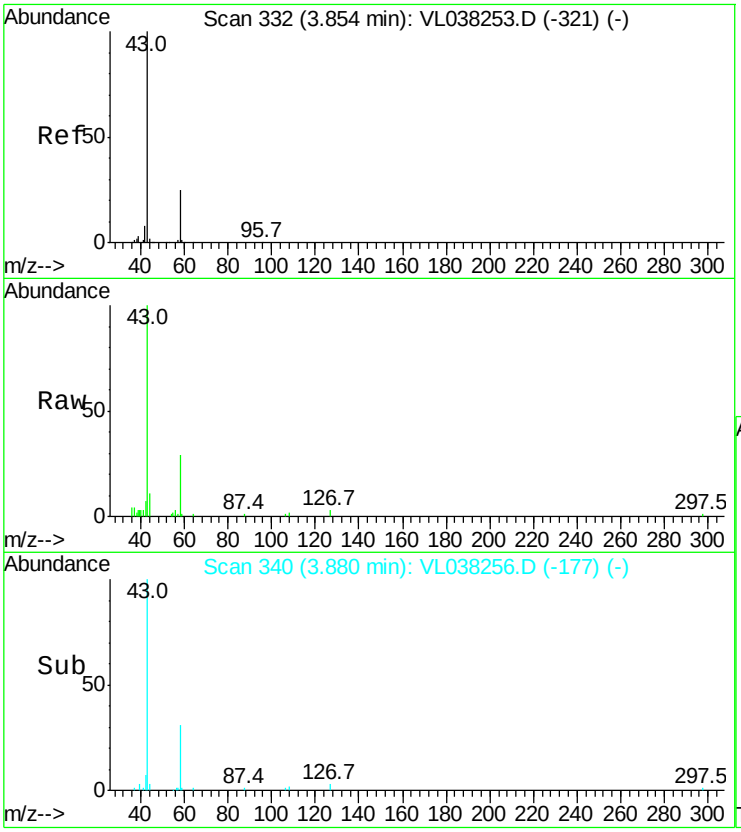


#14
Bromoethene
Concen: 0.172 ppbv
RT: 3.74 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:108 Resp: 7333

Ion	Ratio	Lower	Upper
108	100		
106	314.4	86.4	129.6#
79	60.8	14.1	21.1#



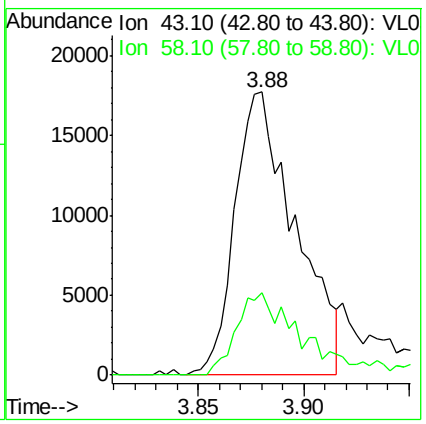


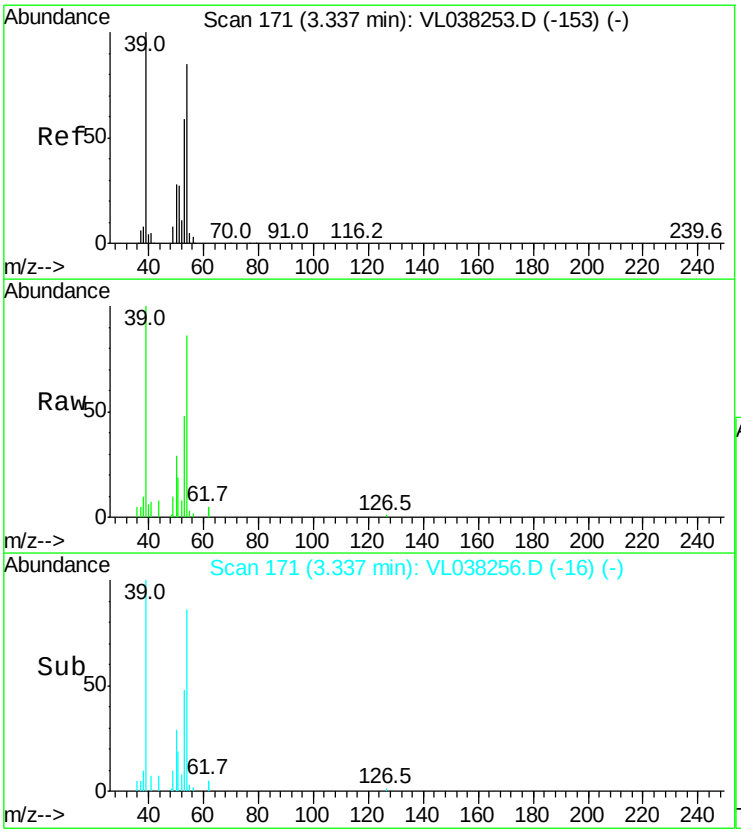
#15
Acetone
Concen: 0.428 ppbv
RT: 3.88
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 35165

Ion	Ratio	Lower	Upper
43	100		
58	31.6	21.5	32.3

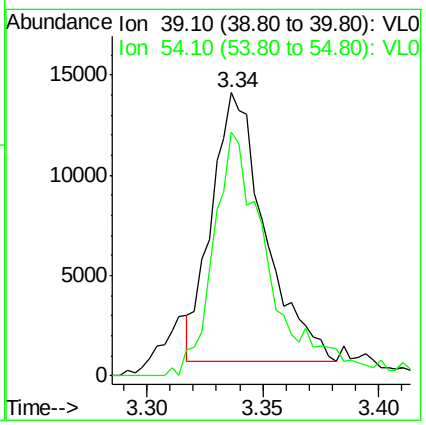


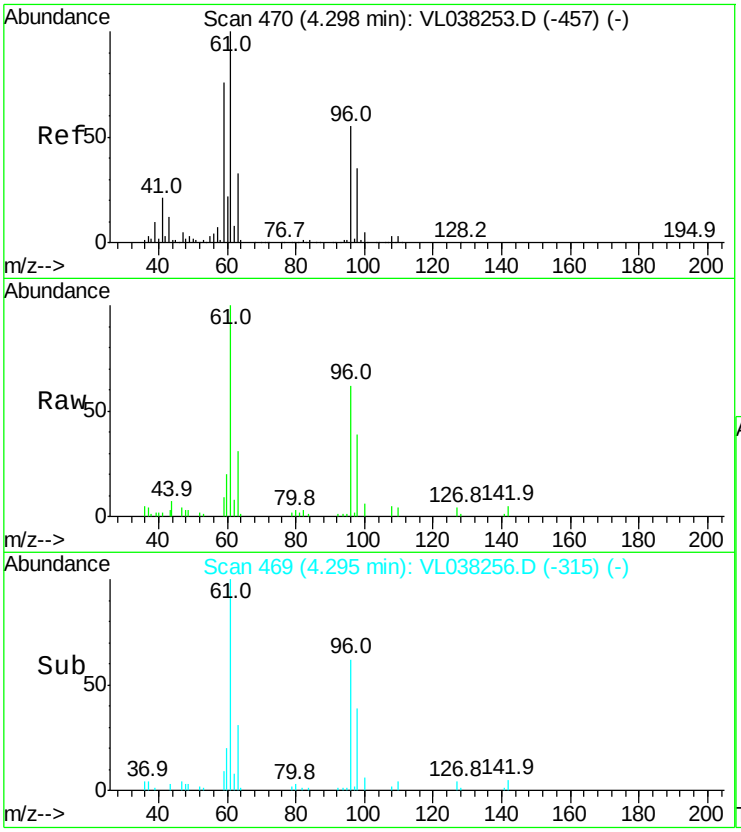


#16
1,3-Butadiene
Concen: 0.384 ppbv
RT: 3.34 min Scan# 171
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 39 Resp: 21488

Ion	Ratio	Lower	Upper
39	100		
54	95.7	62.6	94.0#



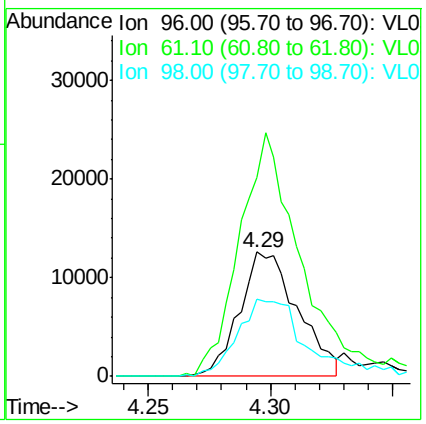


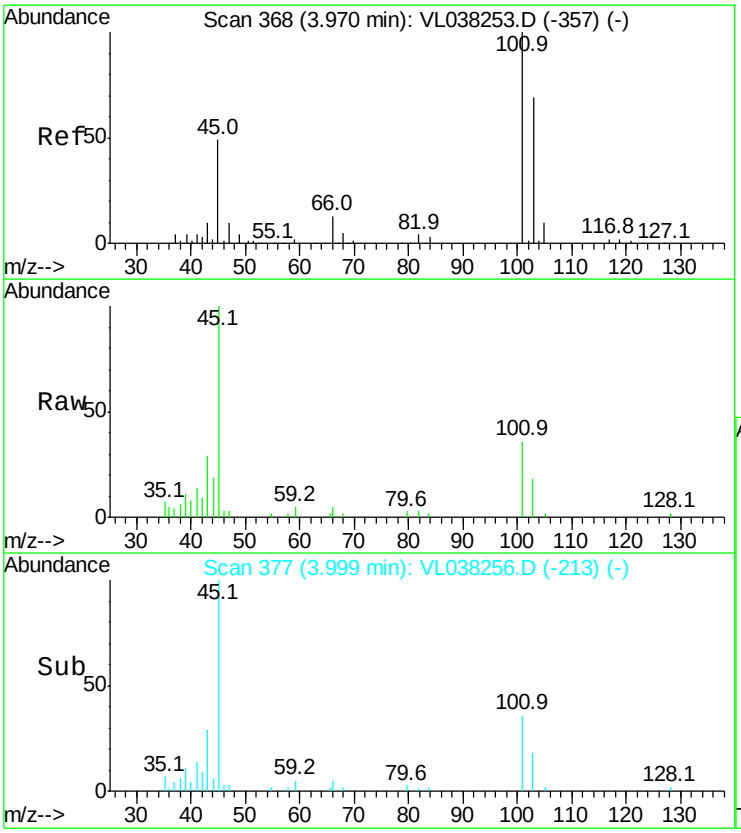
#18
1,1-Dichloroethene
Concen: 0.445 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 20852

Ion	Ratio	Lower	Upper
96	100		
61	158.3	146.5	219.7
98	60.8	51.9	77.9

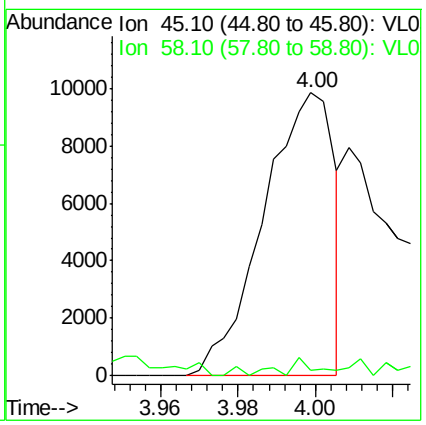


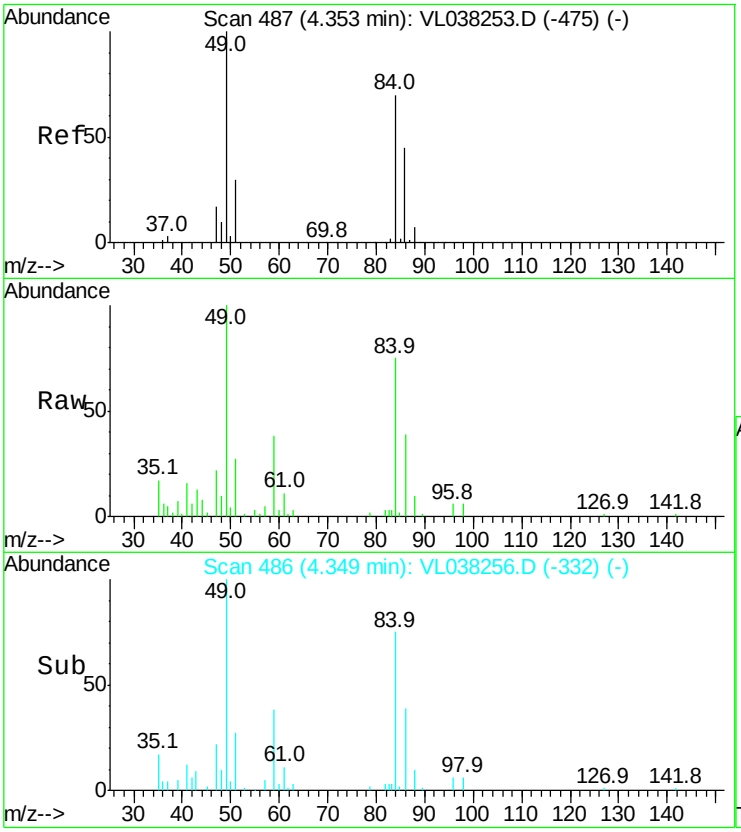


#19
Isopropyl Alcohol
Concen: 0.244 ppbv
RT: 4.00 min Scan# 377
Delta R.T. 0.03 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 45 Resp: 12504

Ion	Ratio	Lower	Upper
45	100		
58	9.0	2.3	3.5#



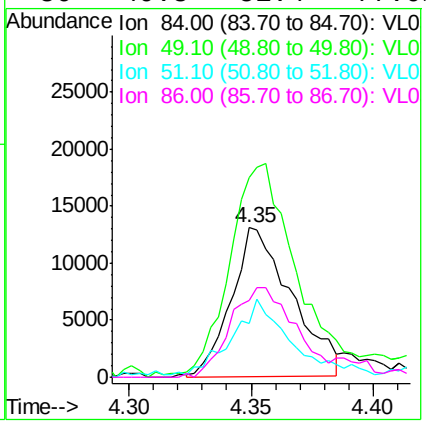


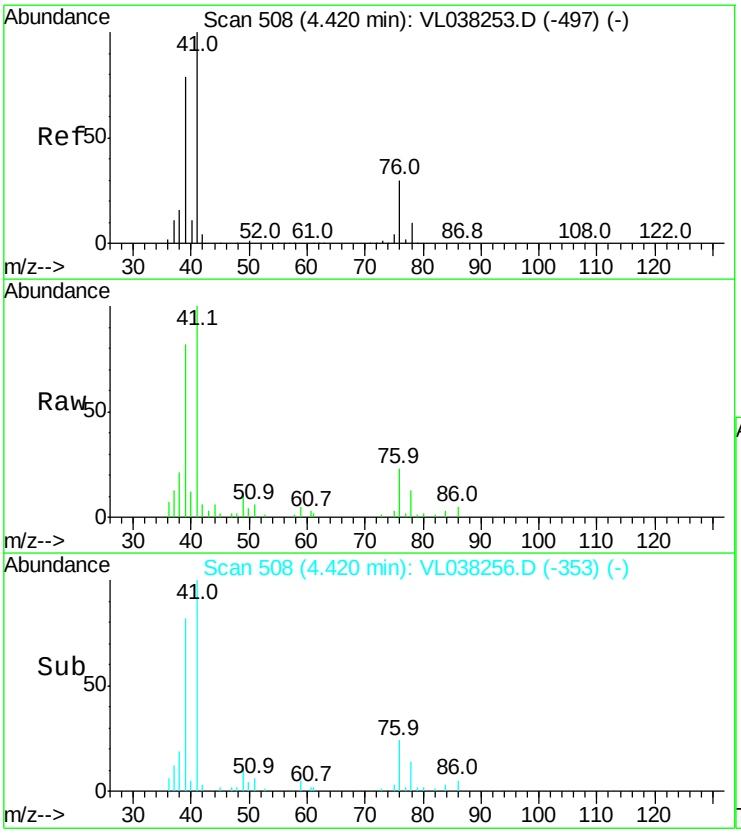
#20
Methylene Chloride
Concen: 0.484 ppbv
RT: 4.35
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 84 Resp: 22465

Ion	Ratio	Lower	Upper
84	100		
49	132.6	115.0	172.6
51	35.2	35.0	52.6
86	49.8	51.4	77.0#

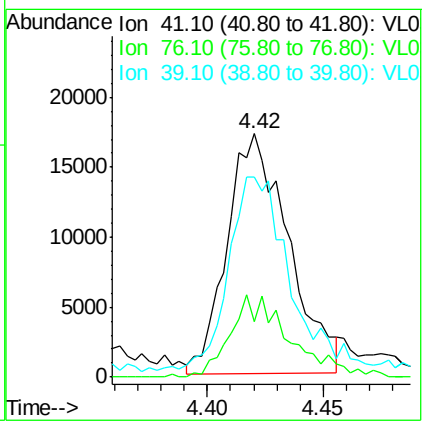


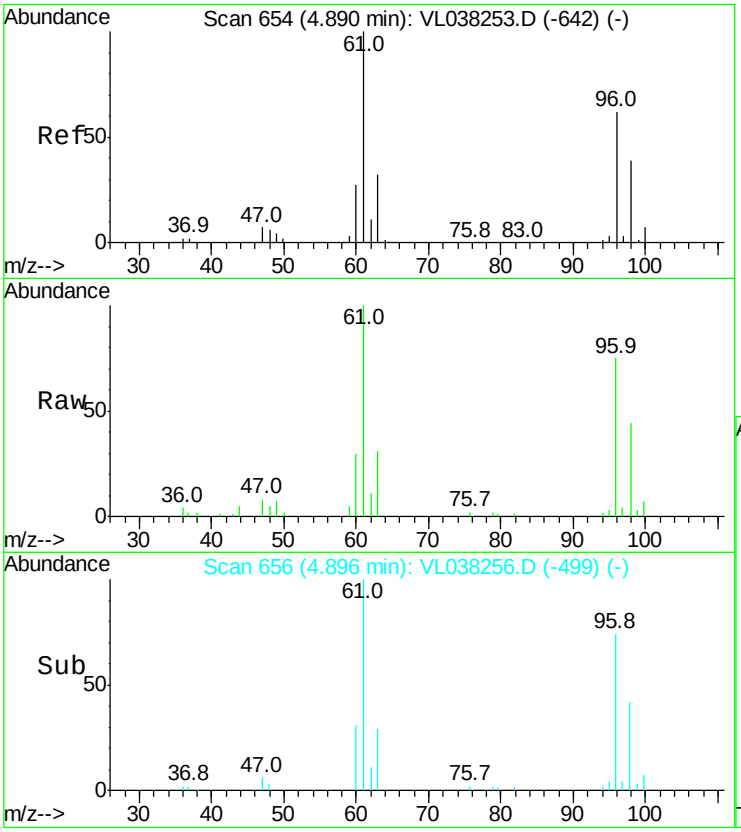


#21
Allyl Chloride
Concen: 0.454 ppbv
RT: 4.42 min Scan# 508
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 41 Resp: 31580

Ion	Ratio	Lower	Upper
41	100		
76	33.2	25.0	37.6
39	95.3	63.0	94.6#



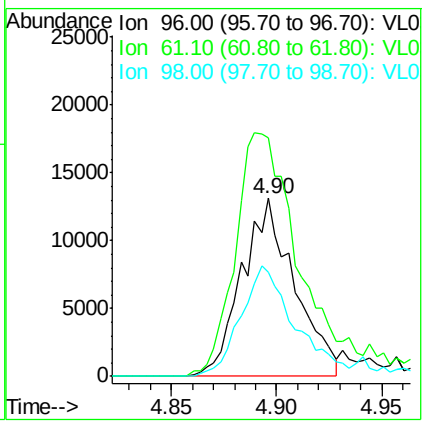


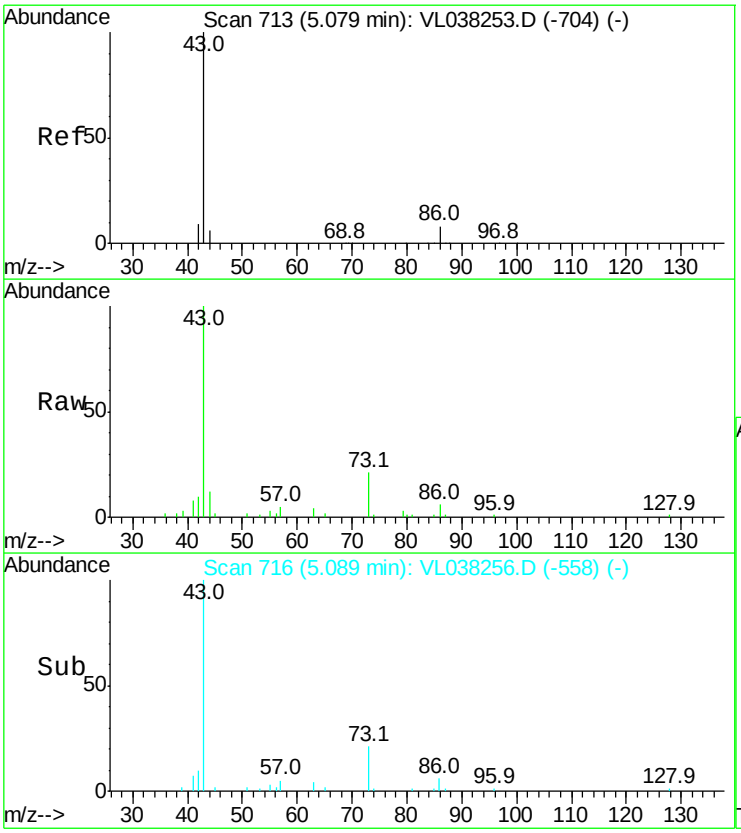
#22
trans-1,2-Dichloroethene
Concen: 0.477 ppbv
RT: 4.90
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 22824

Ion	Ratio	Lower	Upper
96	100		
61	133.9	128.8	193.2
98	58.5	49.8	74.8

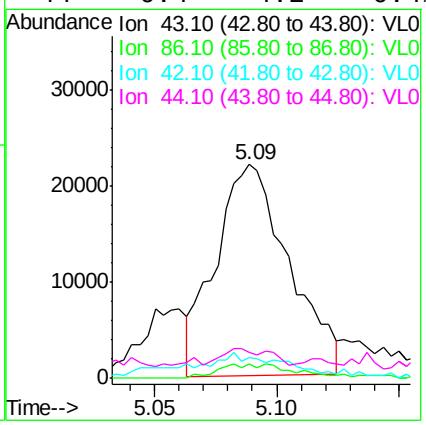


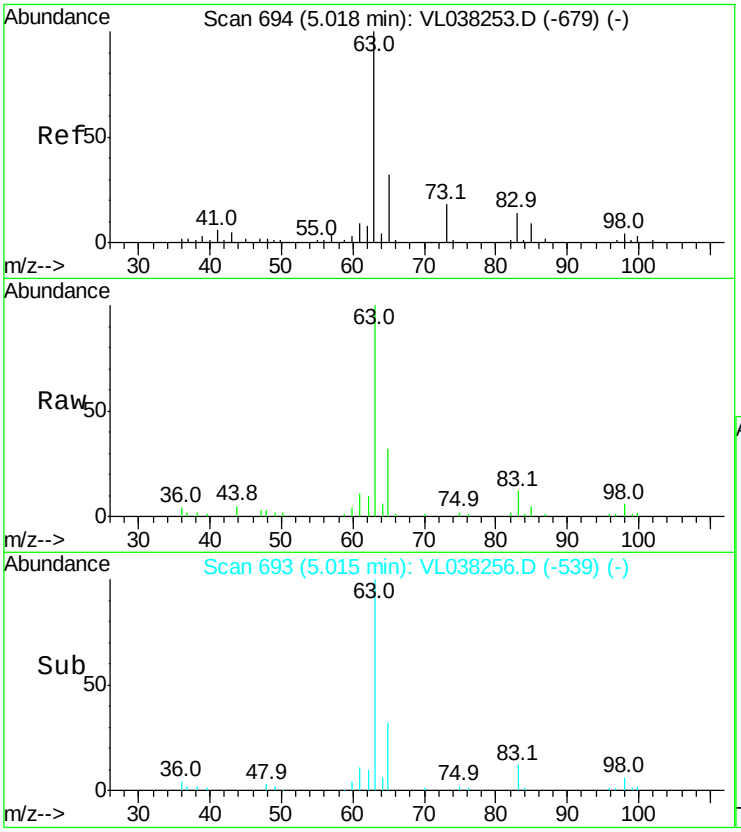


#23
Vinyl Acetate
Concen: 0.413 ppbv
RT: 5.09 min Scan# 716
Delta R.T. 0.01 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 43 Resp: 45936

Ion	Ratio	Lower	Upper
43	100		
86	7.7	5.7	8.5
42	9.5	7.7	11.5
44	6.4	4.2	6.4#



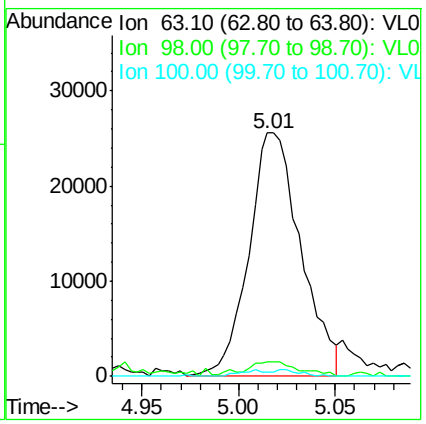


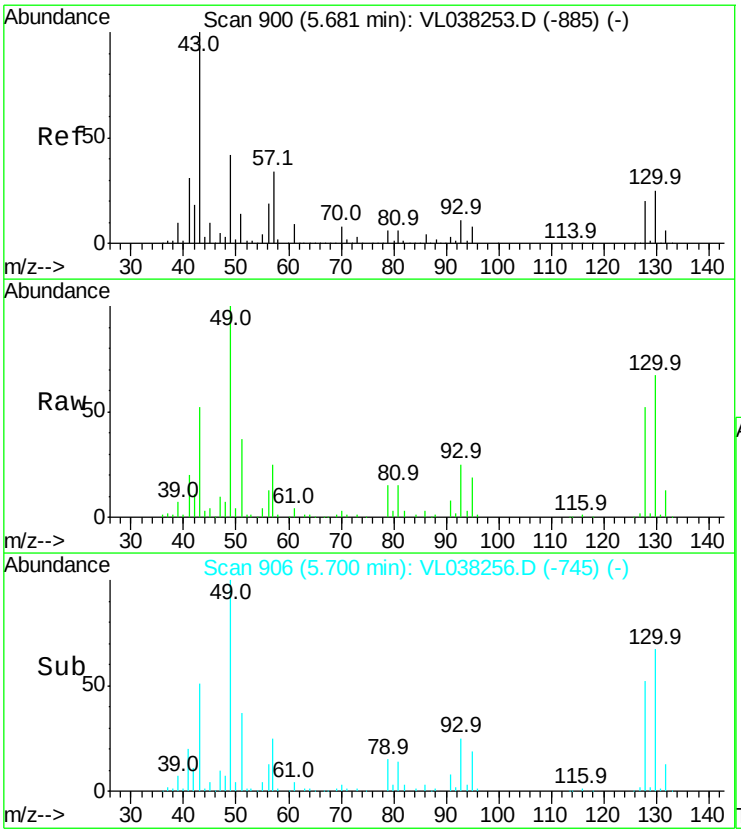
#24
1,1-Dichloroethane
Concen: 0.482 ppbv
RT: 5.01
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 47970

Ion	Ratio	Lower	Upper
63	100		
98	6.0	2.3	6.8
100	1.8	1.3	3.9

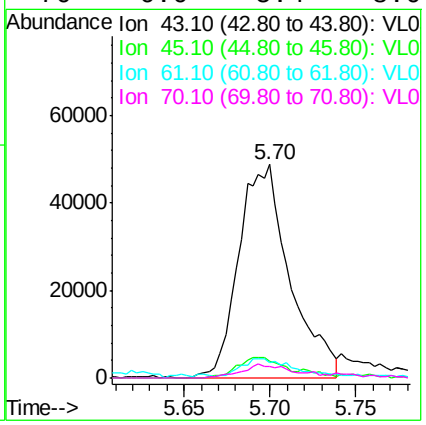


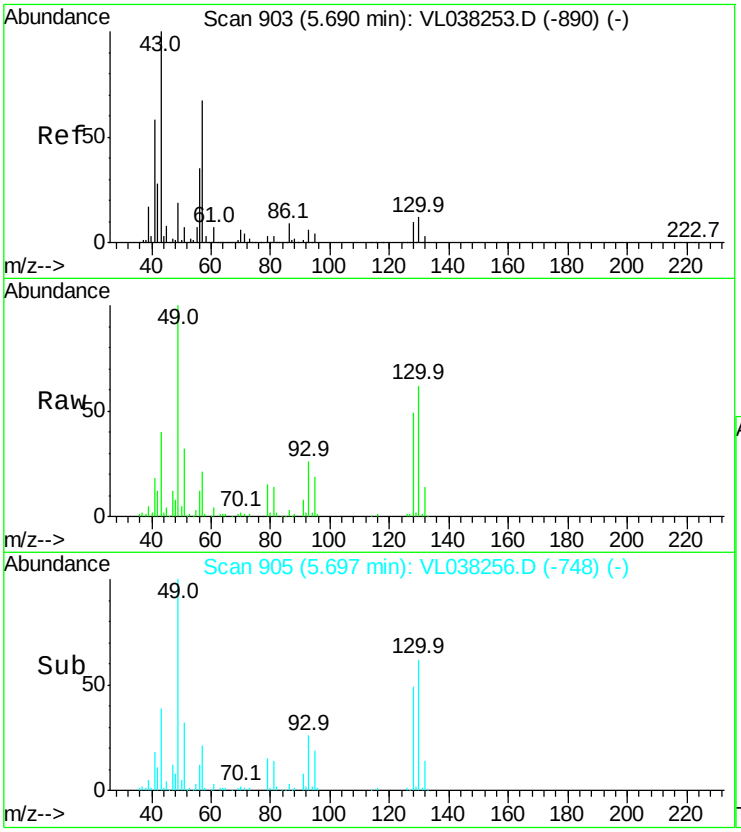


#25
Ethyl Acetate
Concen: 0.454 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.02 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 43 Resp: 101004

Ion	Ratio	Lower	Upper
43	100		
45	11.4	7.9	11.9
61	12.4	7.8	11.8#
70	6.0	5.4	8.0



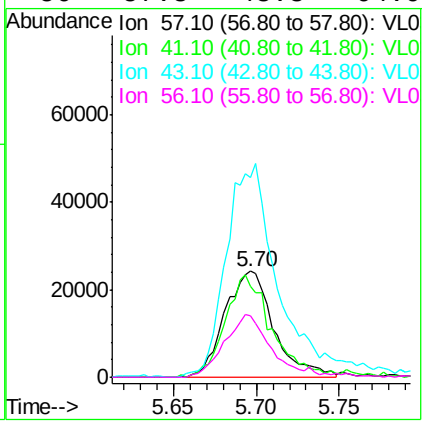


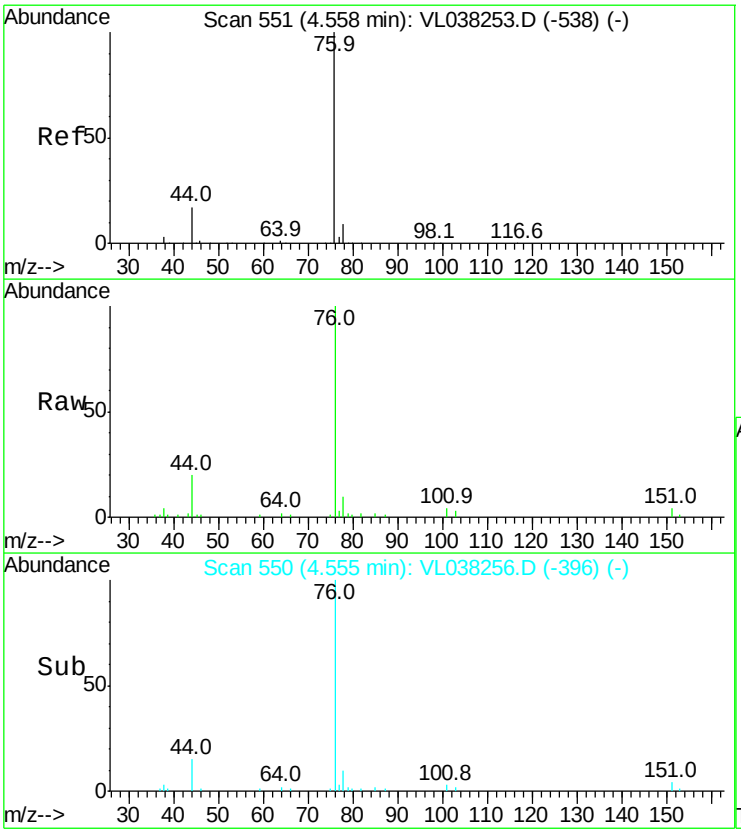
#26
Hexane
Concen: 0.446 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 57 Resp: 49788

Ion	Ratio	Lower	Upper
57	100		
41	95.2	72.8	109.2
43	228.9	177.0	265.6
56	57.8	43.3	64.9

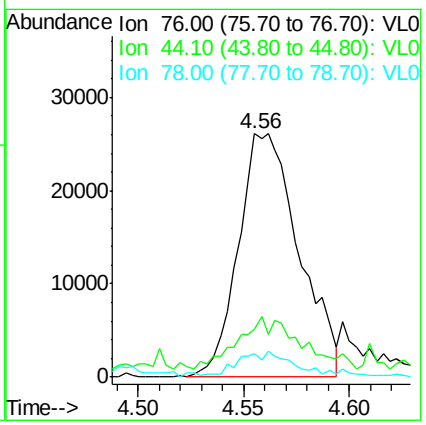


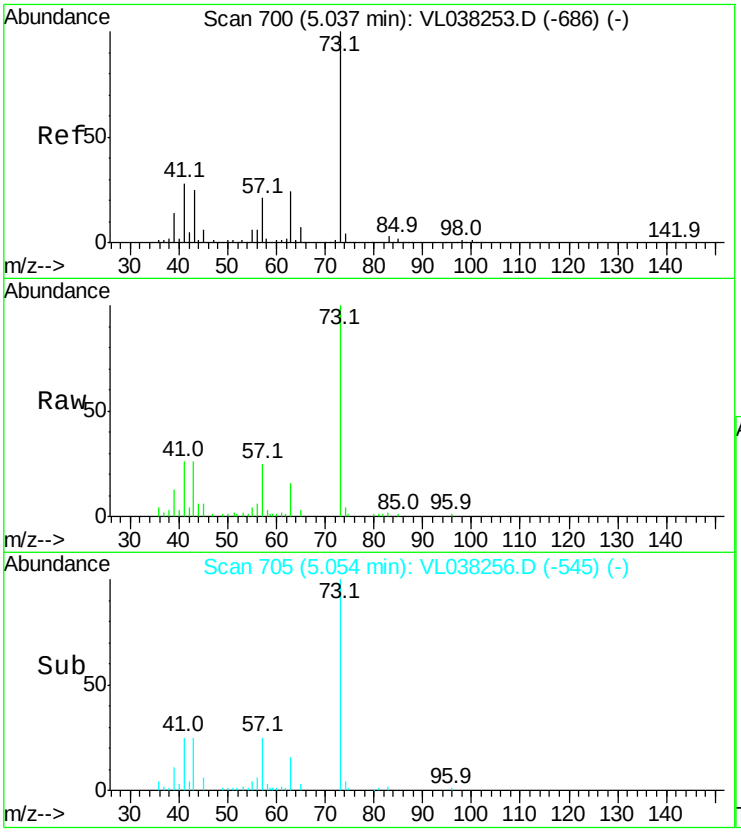


#27
Carbon Disulfide
Concen: 0.529 ppbv
RT: 4.56 min Scan# 550
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 76 Resp: 52026

Ion	Ratio	Lower	Upper
76	100		
44	16.9	14.8	22.2
78	11.7	7.9	11.9



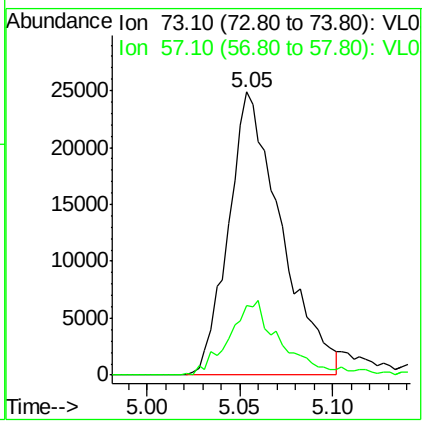


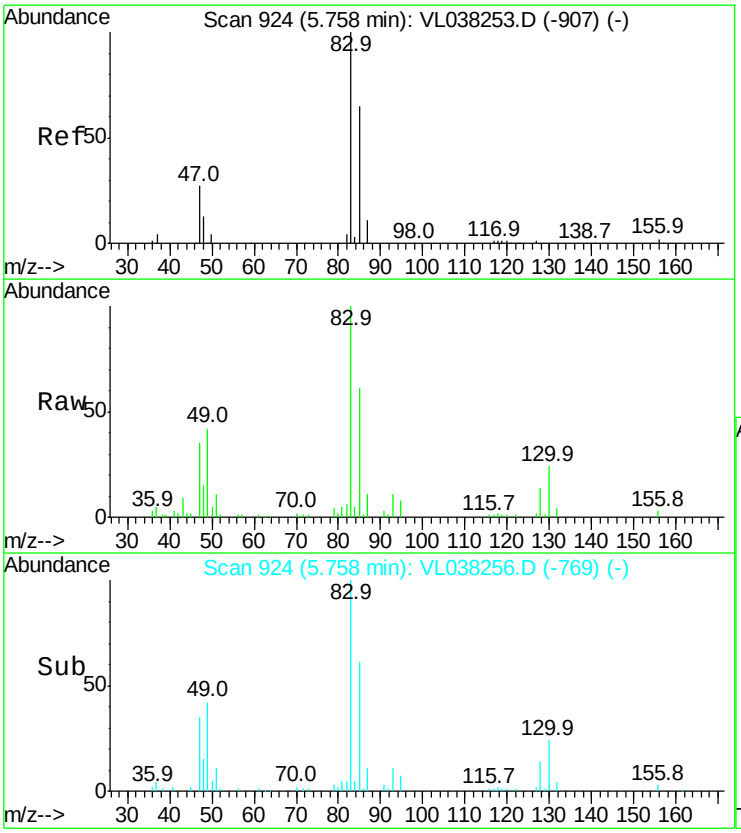
#28
Methyl tert-Butyl Ether
Concen: 0.437 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 73 Resp: 49079

Ion	Ratio	Lower	Upper
73	100		
57	26.3	18.2	27.4

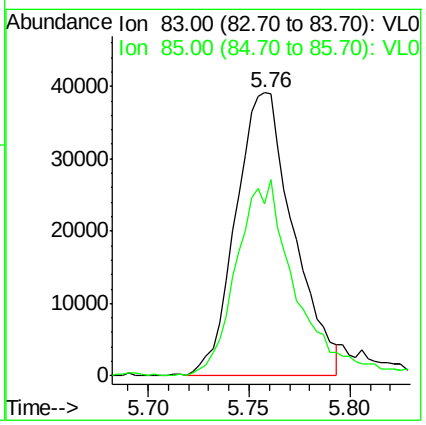


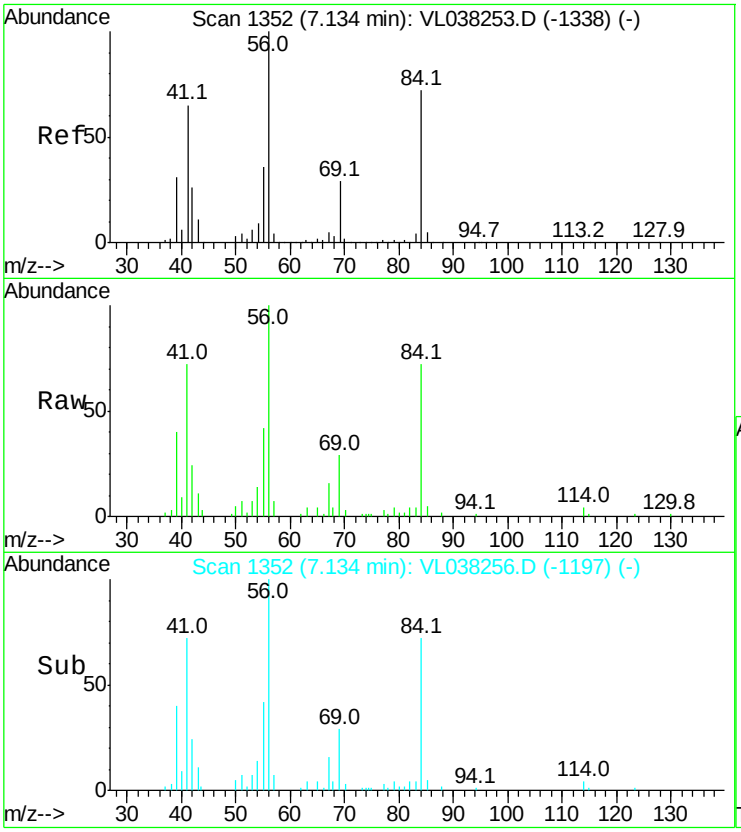


#29
Chloroform
Concen: 0.472 ppbv
RT: 5.76 min Scan# 924
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 83 Resp: 78206

Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.9	77.9



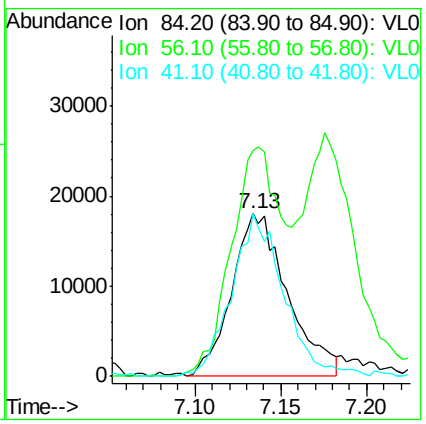


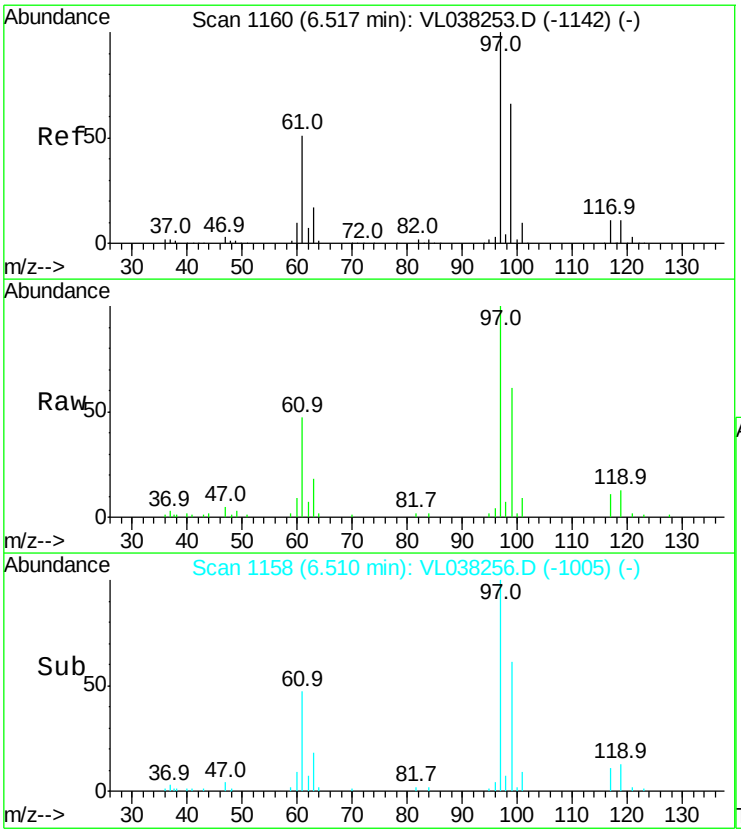
#30
Cyclohexane
Concen: 0.413 ppbv
RT: 7.13
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 84 Resp: 40857

Ion	Ratio	Lower	Upper
84	100		
56	137.4	112.7	169.1
41	93.7	71.1	106.7

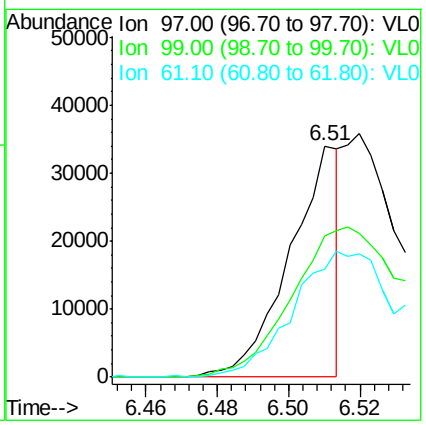


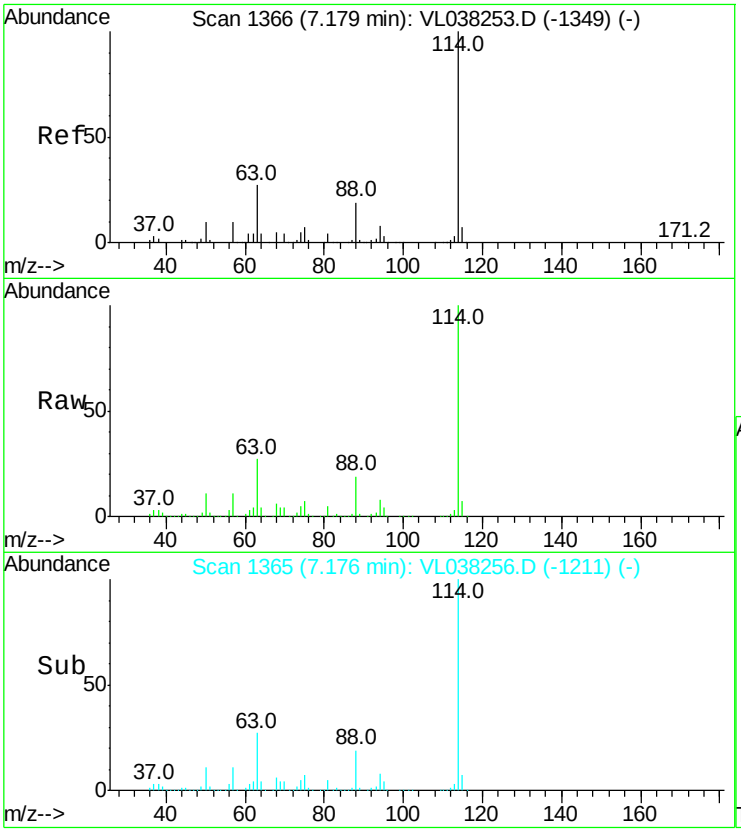


#32
1,1,1-Trichloroethane
Concen: 0.199 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.01 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 97 Resp: 32683

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	126.7	40.5	60.7#



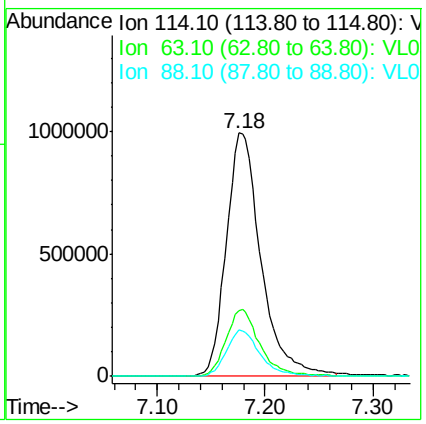


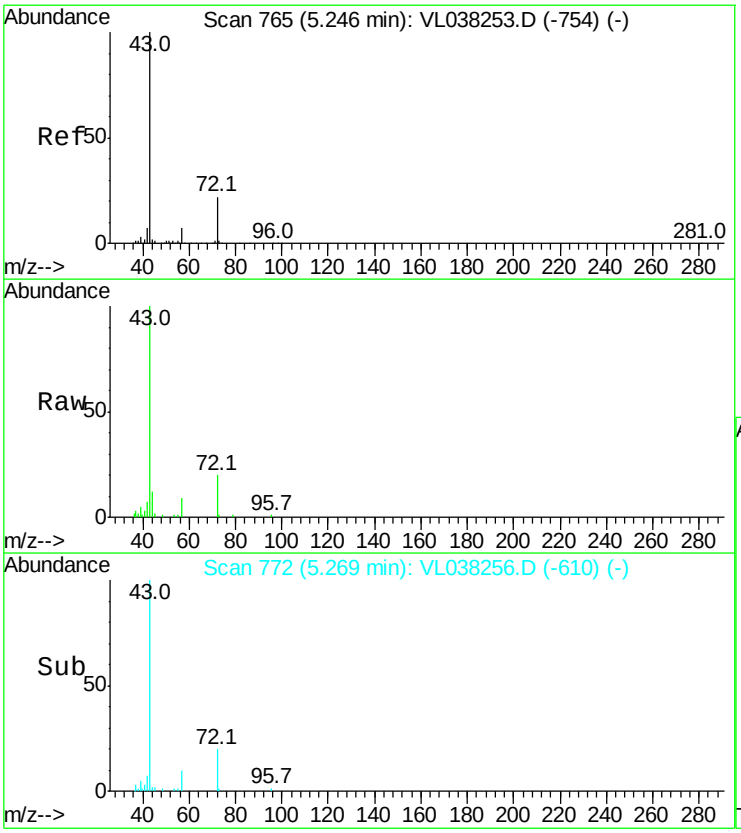
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:114 Resp: 2228548

Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.0	33.0
88	18.9	15.0	22.6

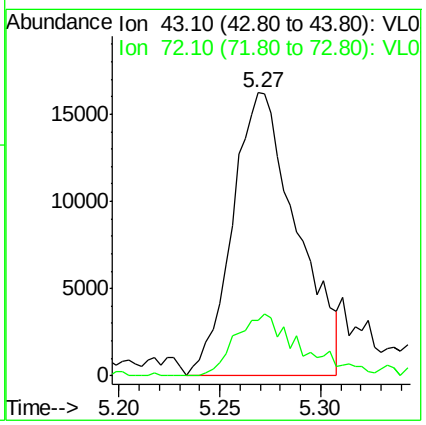


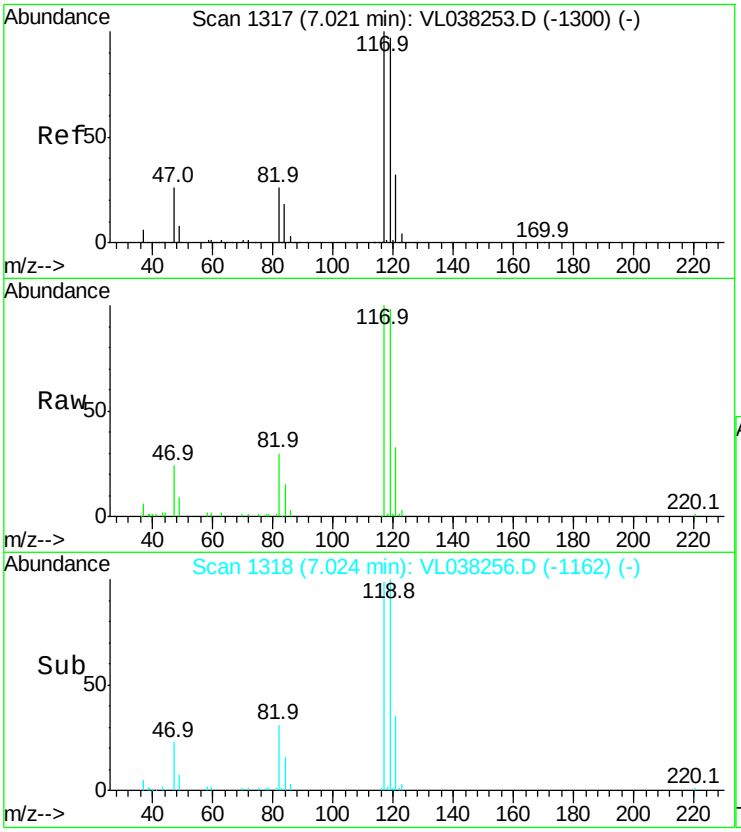


#34
2-Butanone
Concen: 0.539 ppbv
RT: 5.27 min Scan# 772
Delta R.T. 0.02 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 43 Resp: 36098

Ion	Ratio	Lower	Upper
43	100		
72	22.2	18.1	27.1



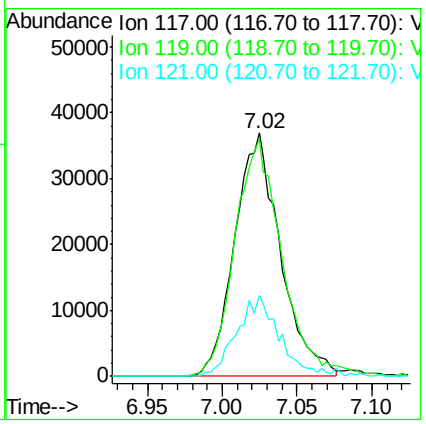


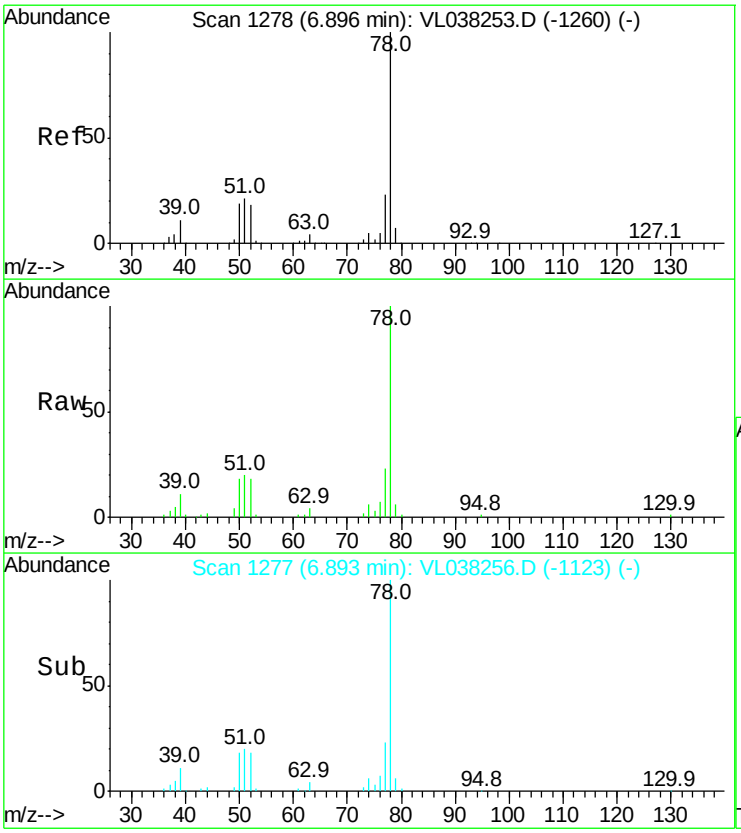
#35
Carbon Tetrachloride
Concen: 0.570 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 78426

Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.9	116.9
121	33.2	25.4	38.2

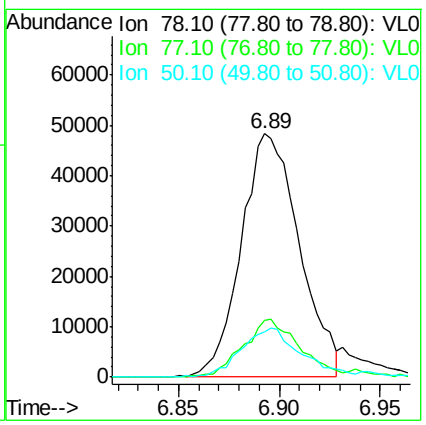


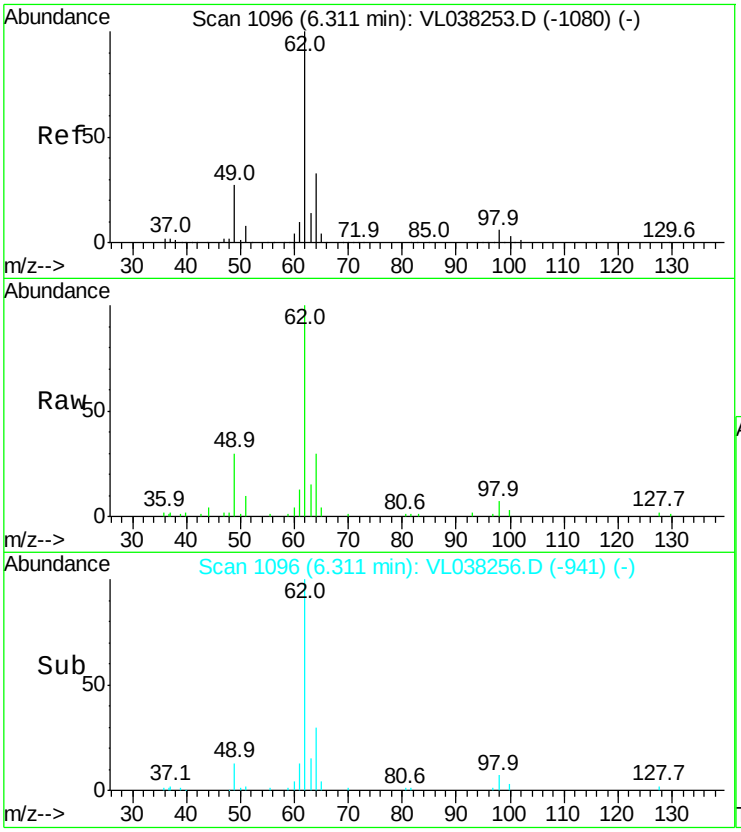


#36
Benzene
Concen: 0.468 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 78 Resp: 97296

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.2	27.2
50	16.9	15.1	22.7



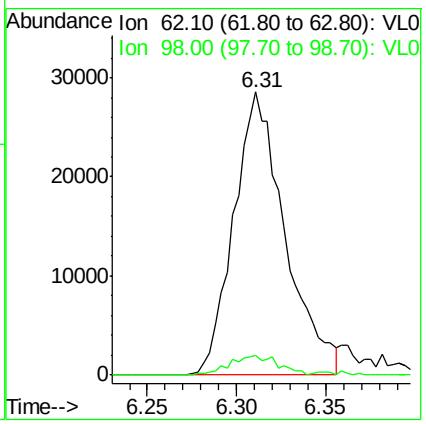


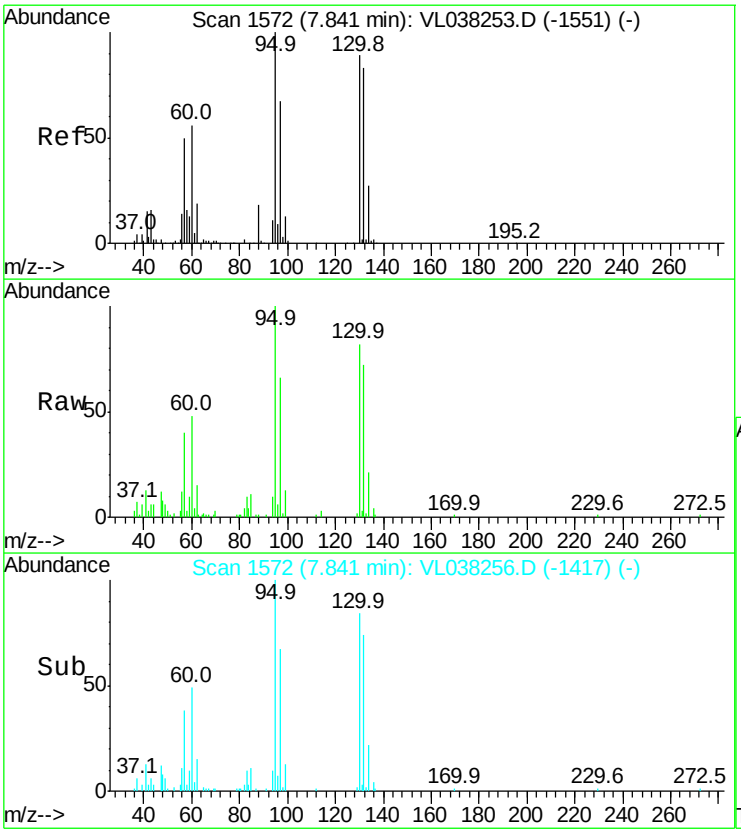
#37
1,2-Dichloroethane
Concen: 0.550 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 57415

Ion	Ratio	Lower	Upper
62	100		
98	6.4	4.5	6.7

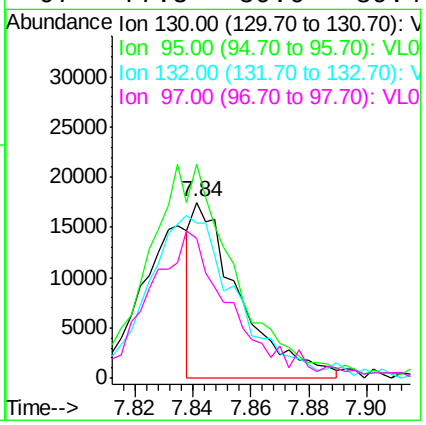


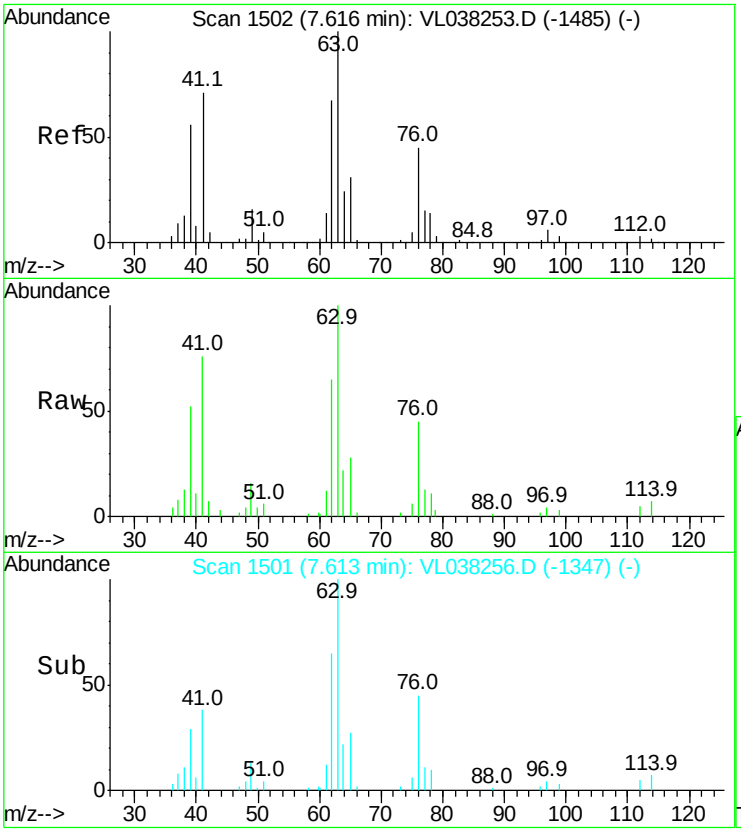


#38
Trichloroethene
Concen: 0.248 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:130 Resp: 19629

Ion	Ratio	Lower	Upper
130	100		
95	122.3	89.4	134.2
132	82.9	74.6	111.8
97	77.5	59.6	89.4



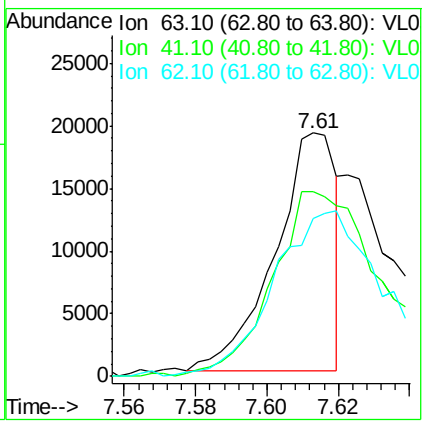


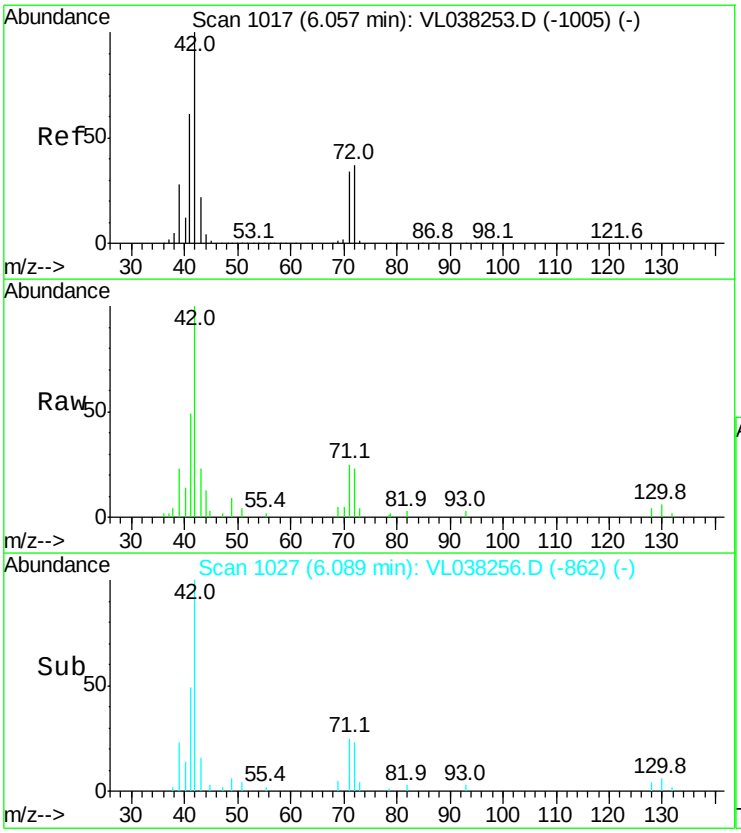
#39
1,2-Dichloropropane
Concen: 0.282 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 22549

Ion	Ratio	Lower	Upper
63	100		
41	76.4	56.6	85.0
62	64.8	53.9	80.9

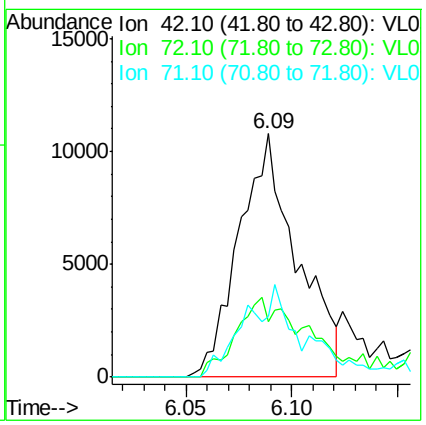


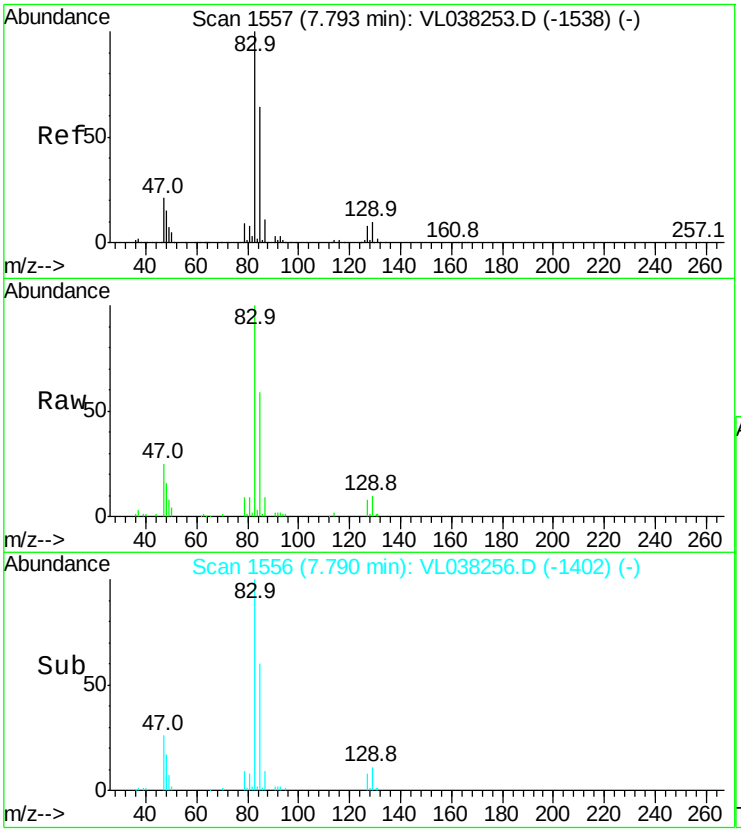


#41
Tetrahydrofuran
Concen: 0.419 ppbv
RT: 6.09 min Scan# 1027
Delta R.T. 0.03 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 42 Resp: 20575

Ion	Ratio	Lower	Upper
42	100		
72	46.4	29.7	44.5#
71	39.0	29.4	44.2



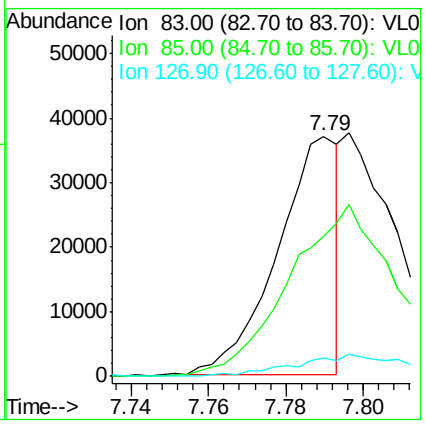


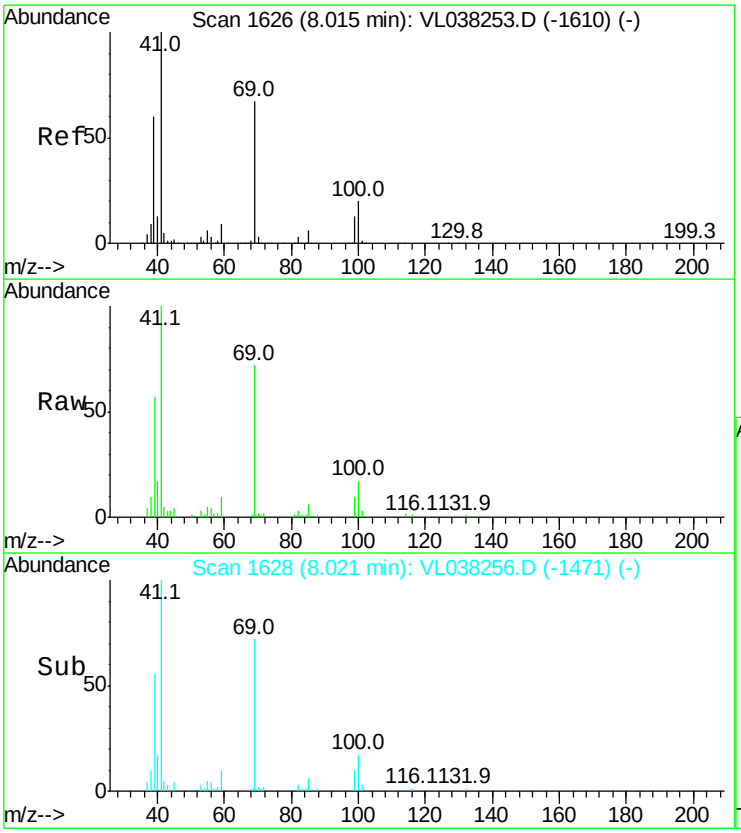
#42
Bromodichloromethane
Concen: 0.271 ppbv
RT: 7.79
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 40265

Ion	Ratio	Lower	Upper
83	100		
85	58.5	51.5	77.3
127	7.7	6.2	9.4

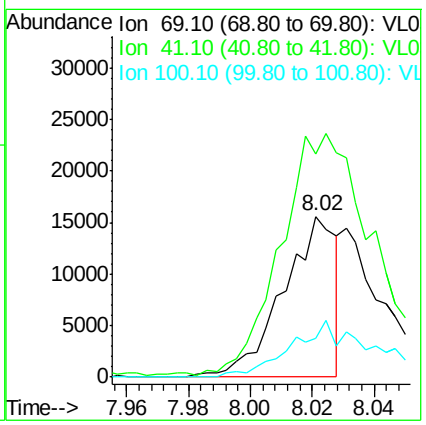


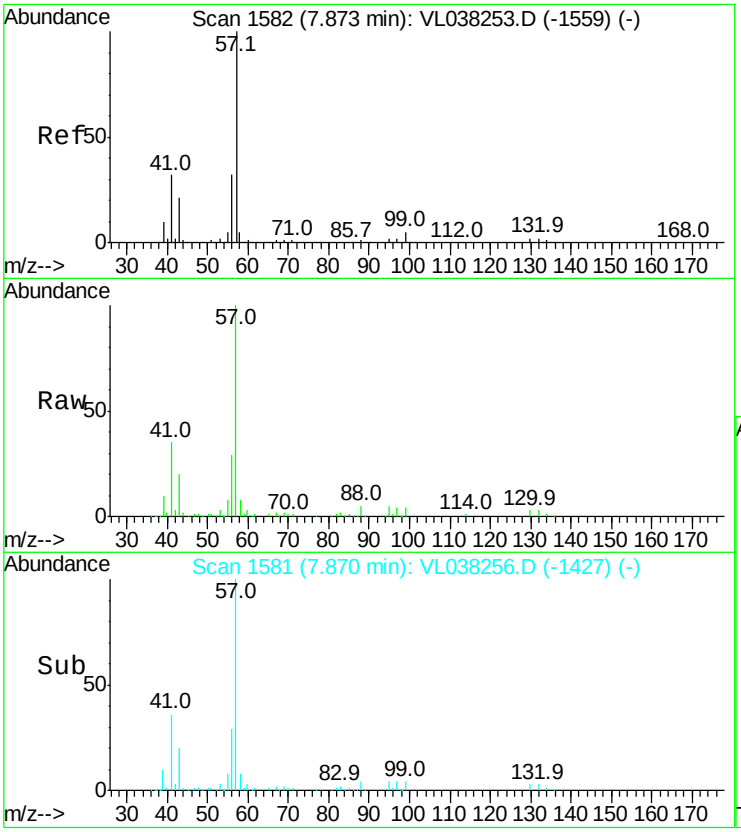


#43
Methyl Methacrylate
Concen: 0.259 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. 0.01 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 69 Resp: 18534

Ion	Ratio	Lower	Upper
69	100		
41	292.6	120.9	181.3#
100	57.7	23.4	35.0#



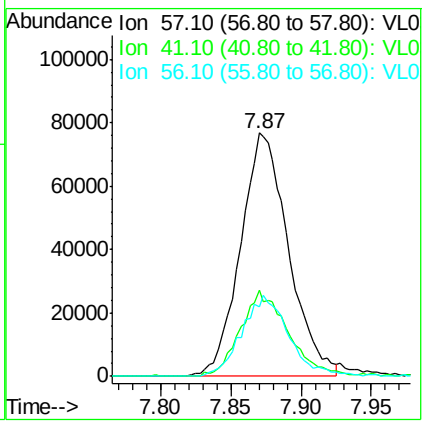


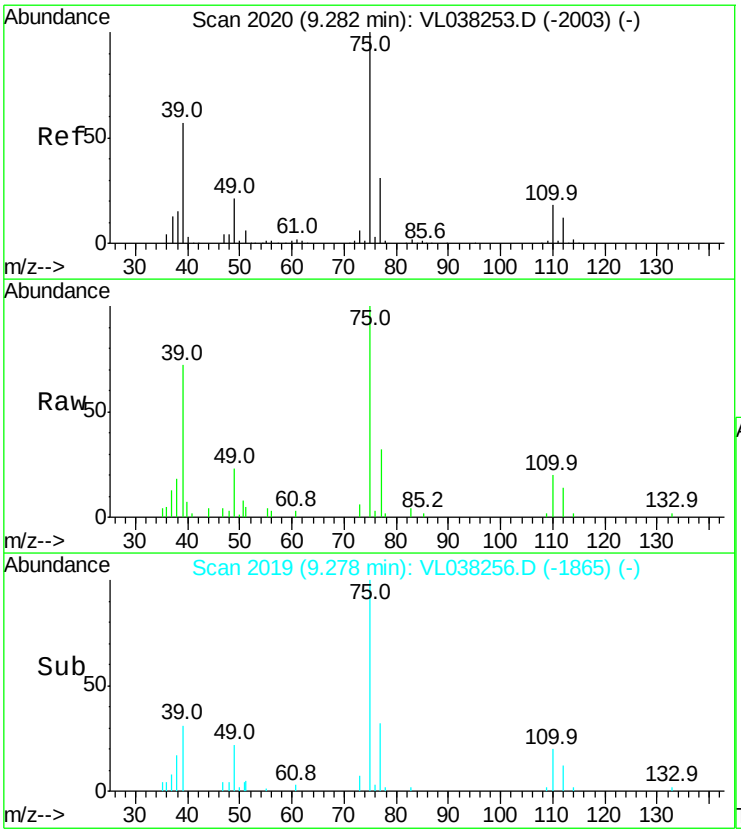
#44
2,2,4-Trimethylpentane
Concen: 0.518 ppbv
RT: 7.87
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 57 Resp: 182768

Ion	Ratio	Lower	Upper
57	100		
41	35.6	26.3	39.5
56	32.9	25.2	37.8

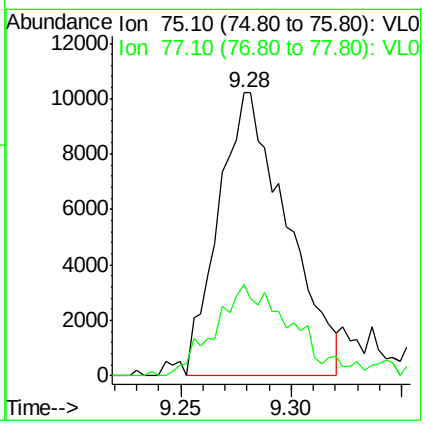


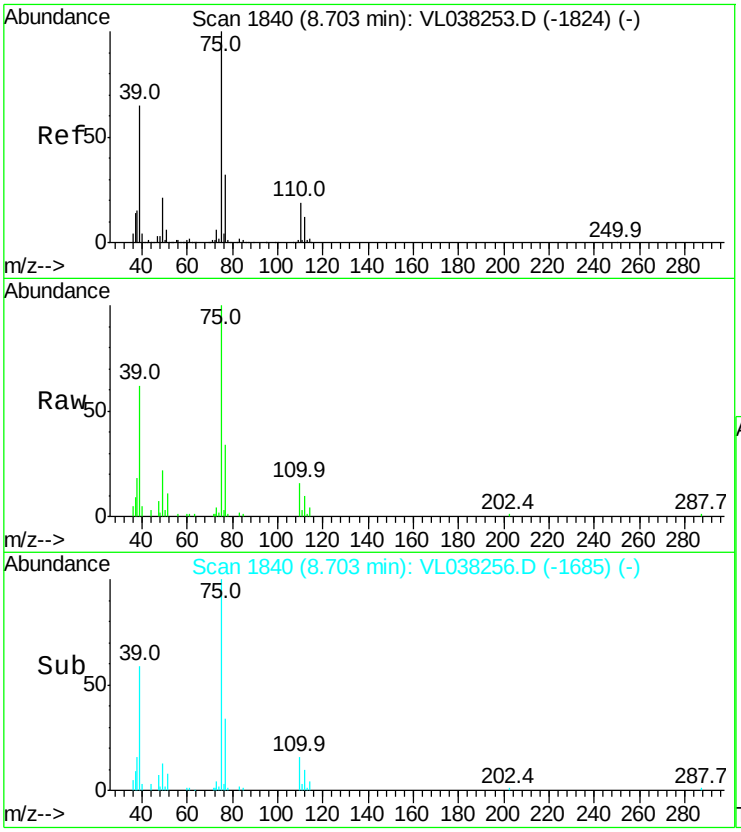


#45
t-1,3-Dichloropropene
Concen: 0.414 ppbv
RT: 9.28 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 75 Resp: 21918

Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.9	37.3



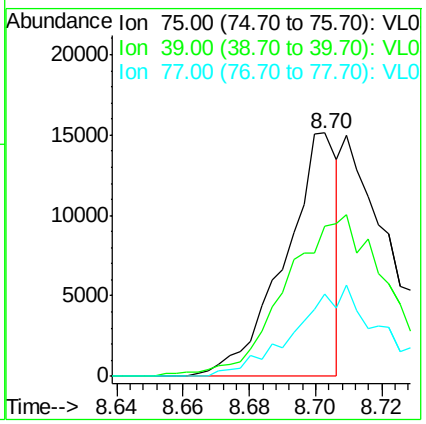


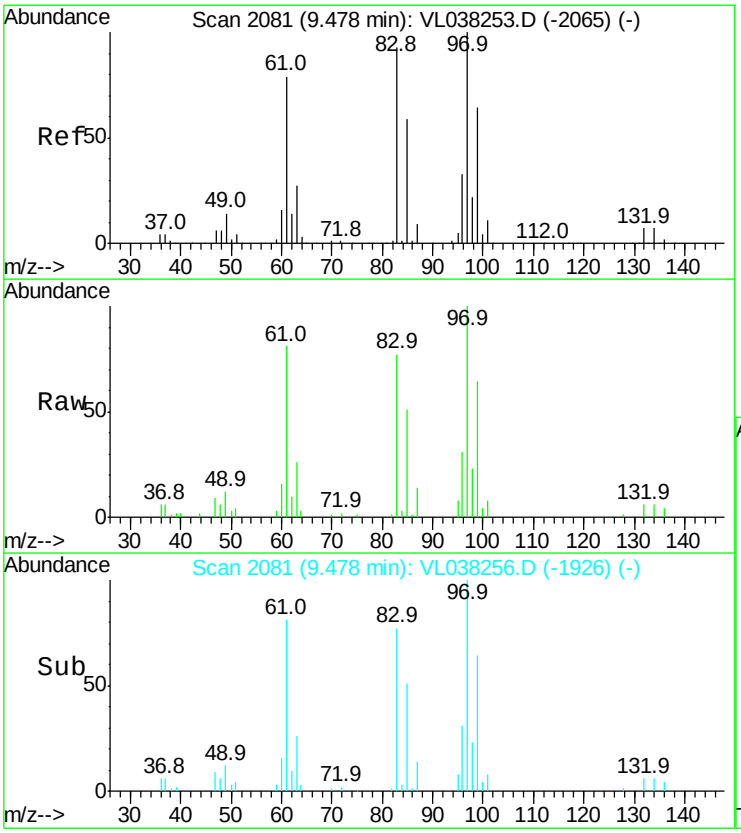
#46
cis-1,3-Dichloropropene
Concen: 0.228 ppbv
RT: 8.70
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 16709

Ion	Ratio	Lower	Upper
75	100		
39	60.3	52.3	78.5
77	34.8	25.4	38.0

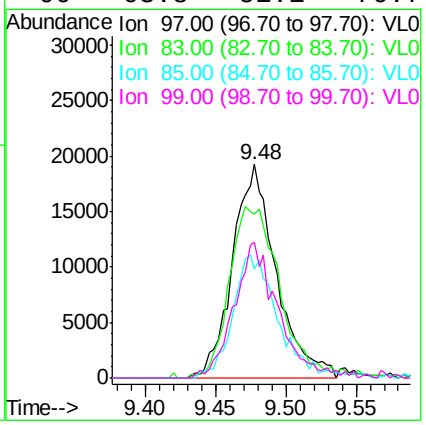


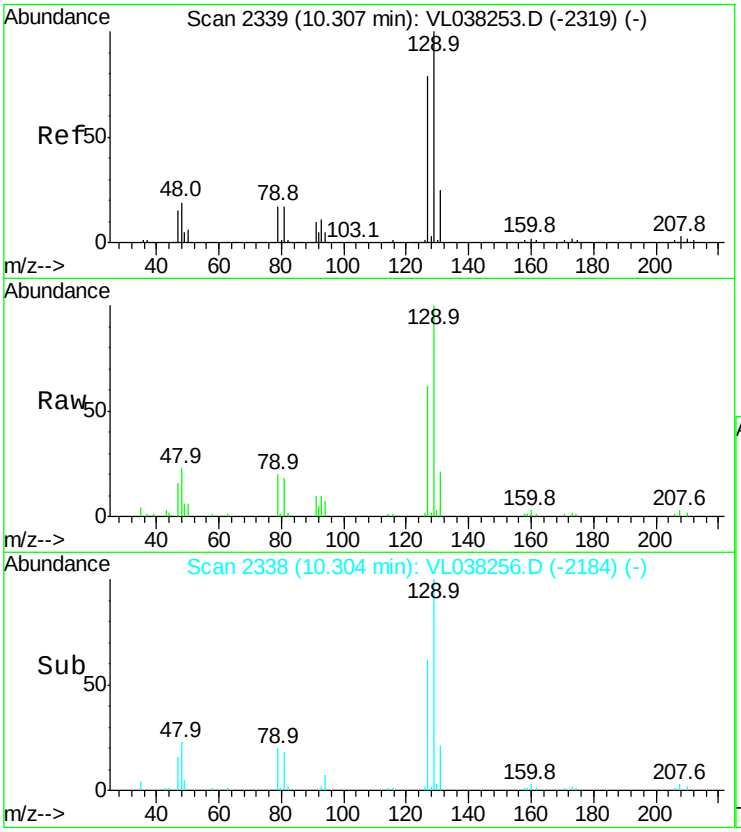


#47
1,1,2-Trichloroethane
Concen: 0.501 ppbv
RT: 9.48 min Scan# 2081
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 97 Resp: 41635

Ion	Ratio	Lower	Upper
97	100		
83	77.0	74.3	111.5
85	50.7	47.5	71.3
99	63.8	51.1	76.7



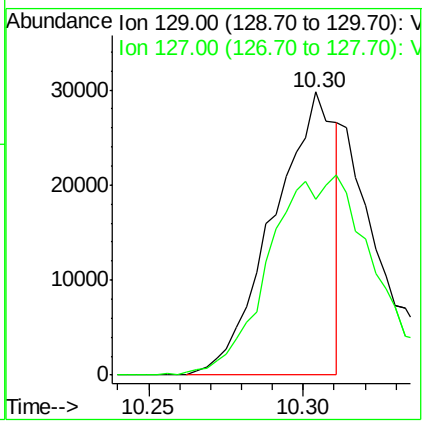


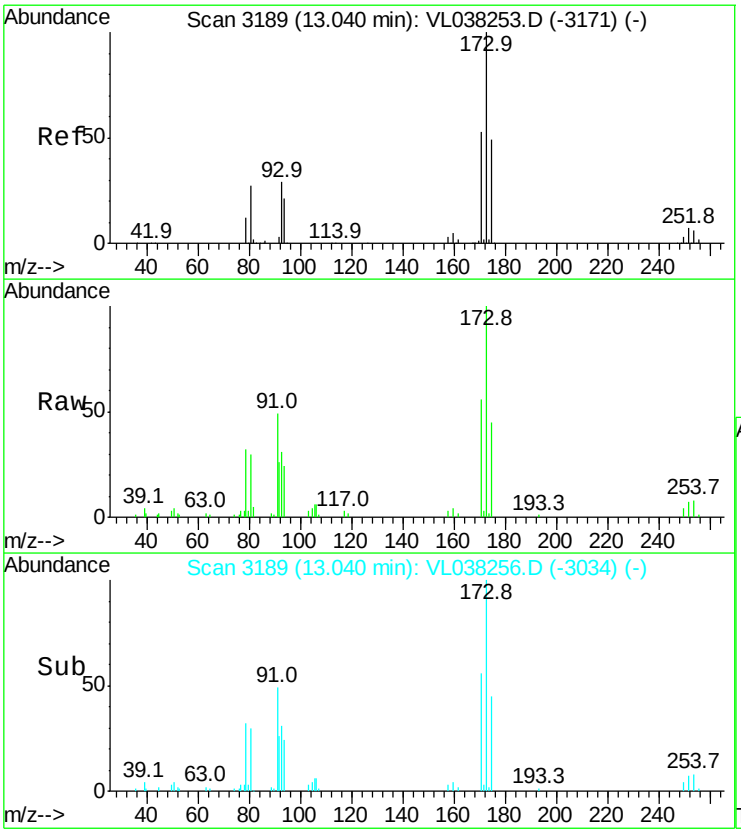
#48
Dibromochloromethane
Concen: 0.354 ppbv
RT: 10.30
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:129 Resp: 41338

Ion	Ratio	Lower	Upper
129	100		
127	125.6	39.1	117.3#

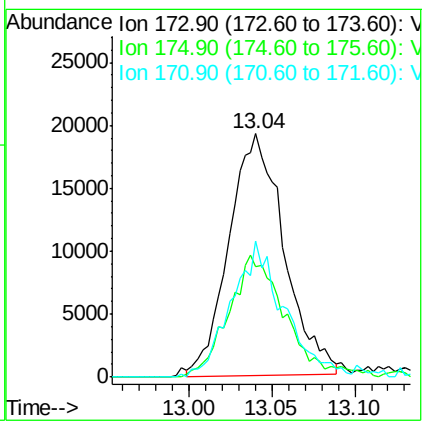


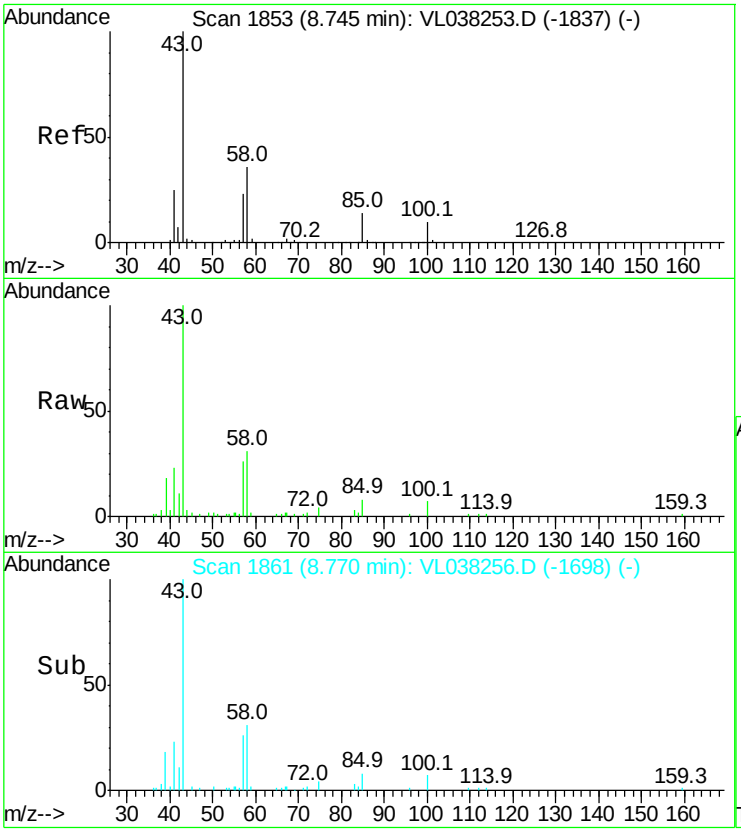


#49
Bromoform
Concen: 0.538 ppbv
RT: 13.04 min Scan# 3189
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:173 Resp: 44619

Ion	Ratio	Lower	Upper
173	100		
175	51.6	39.7	59.5
171	54.1	42.1	63.1



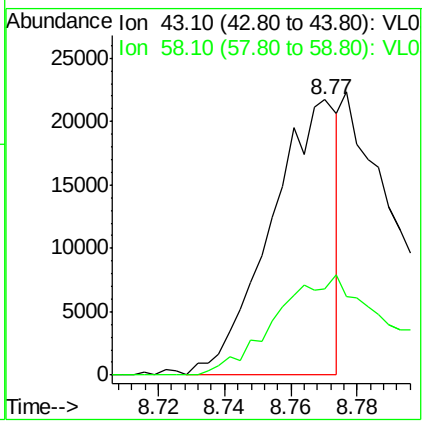


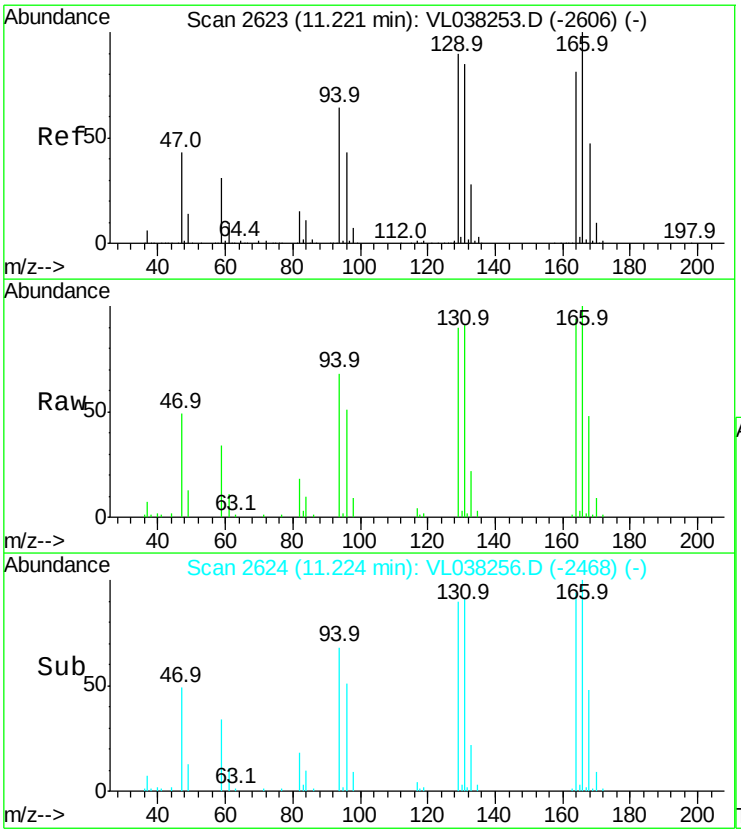
#50
4-Methyl-2-Pentanone
Concen: 0.248 ppbv
RT: 8.77
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 30215

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.2	42.4#

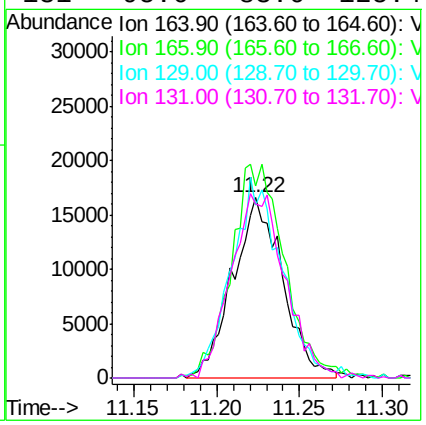


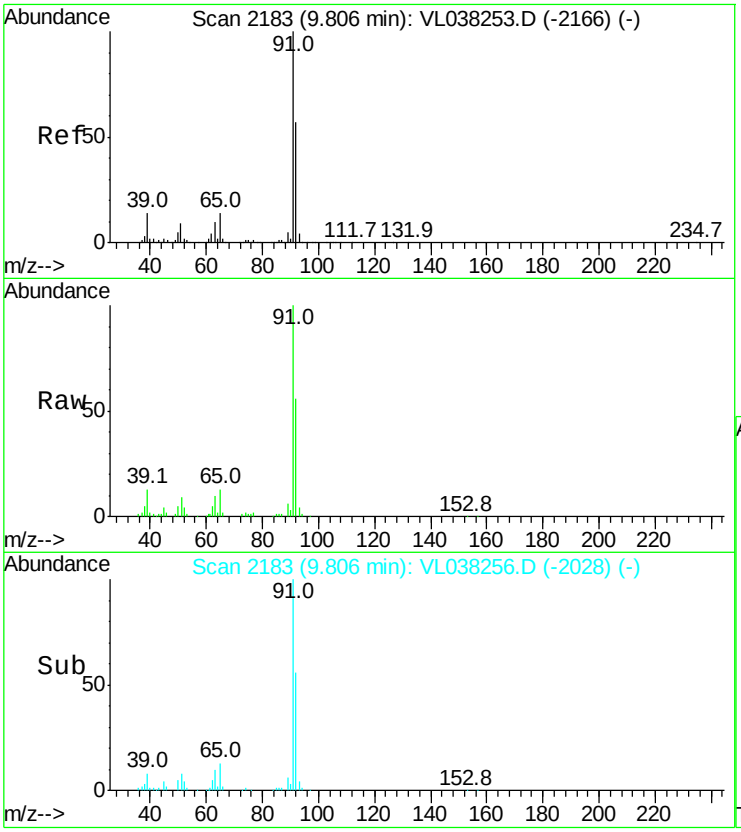


#52
Tetrachloroethene
Concen: 0.451 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. 0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:164 Resp: 34626

Ion	Ratio	Lower	Upper
164	100		
166	105.1	98.8	148.2
129	94.8	89.2	133.8
131	95.6	83.6	125.4



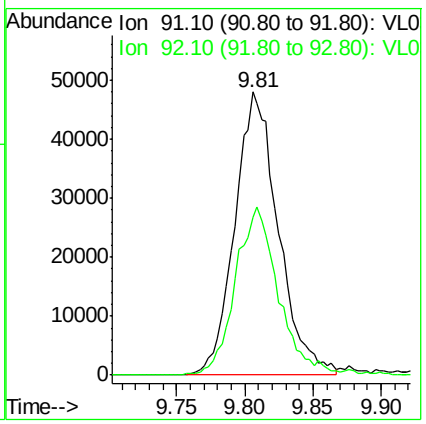


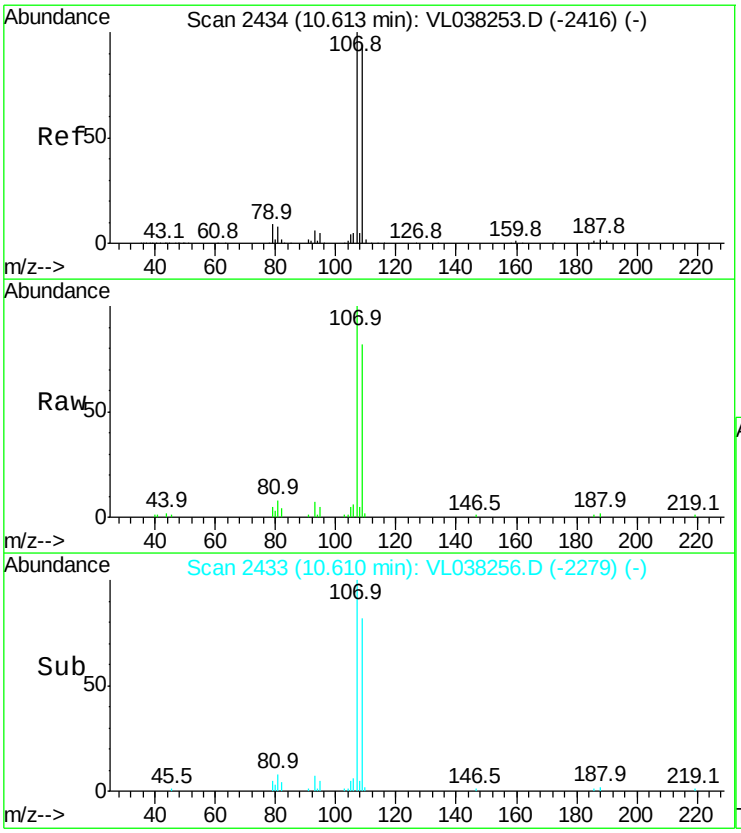
#53
Toluene
Concen: 0.442 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 106074

Ion	Ratio	Lower	Upper
91	100		
92	59.7	47.4	71.0

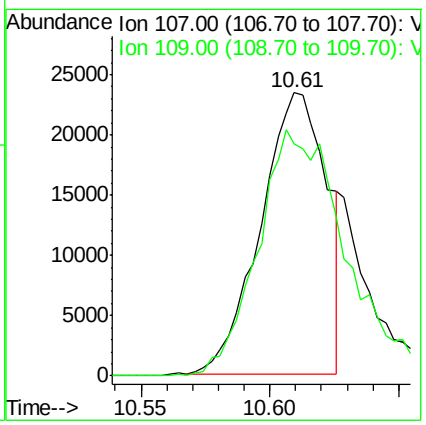


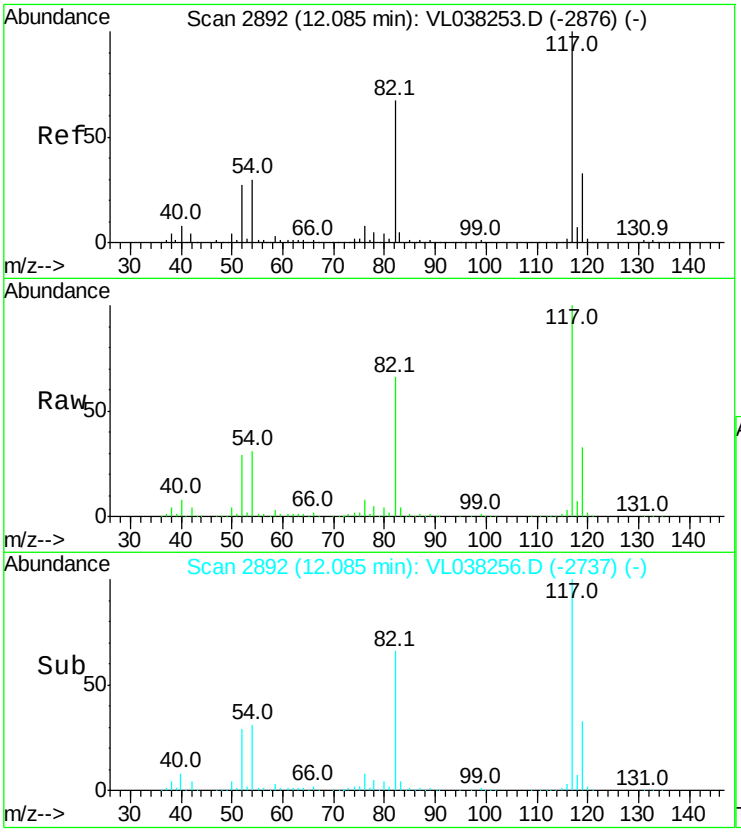


#54
1,2-Dibromoethane
Concen: 0.353 ppbv
RT: 10.61 min Scan# 2433
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:107 Resp: 41547

Ion	Ratio	Lower	Upper
107	100		
109	85.0	75.4	113.0



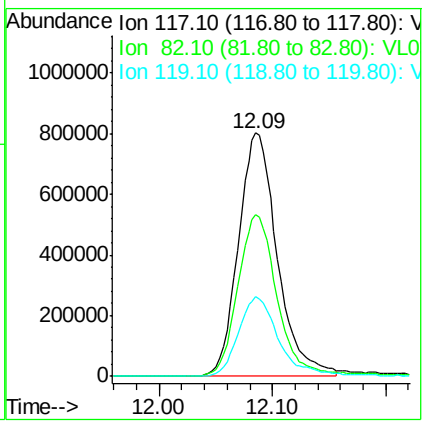


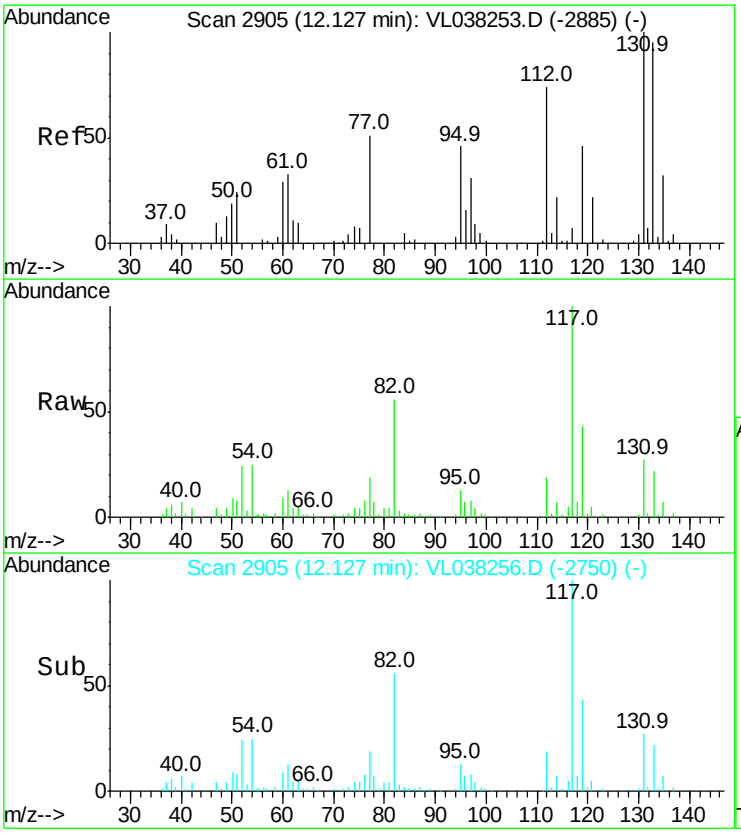
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 1916916

Ion	Ratio	Lower	Upper
117	100		
82	68.9	54.4	81.6
119	34.4	45.9	68.9#

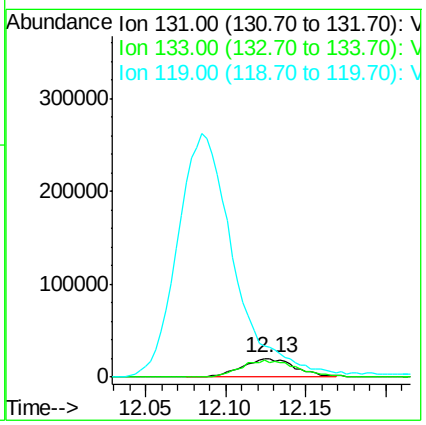


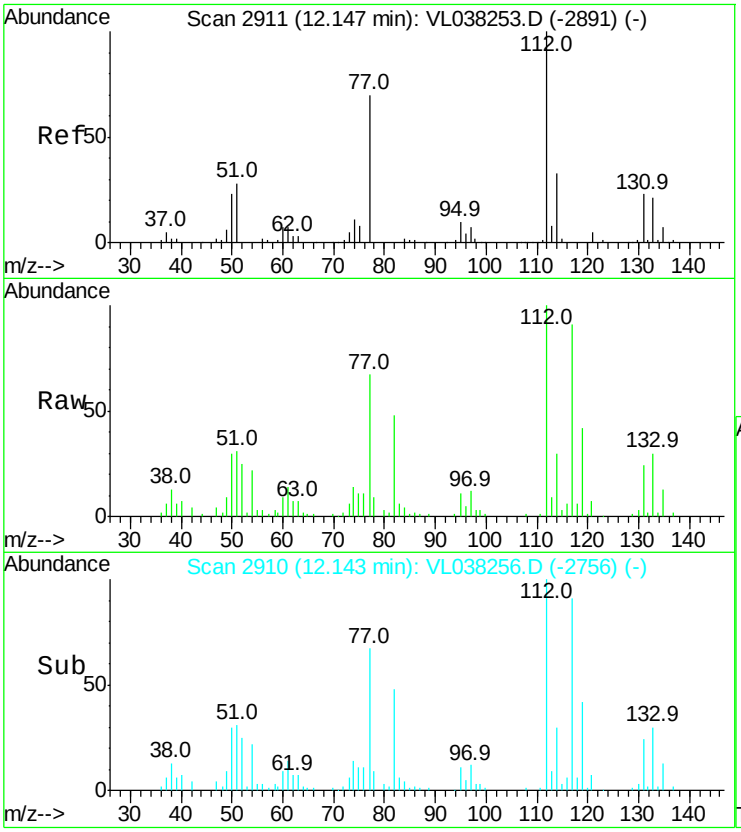


#56
1,1,1,2-Tetrachloroethane
Concen: 0.574 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:131 Resp: 45750

Ion	Ratio	Lower	Upper
131	100		
133	96.7	76.0	114.0
119	1439.9	53.0	79.4#



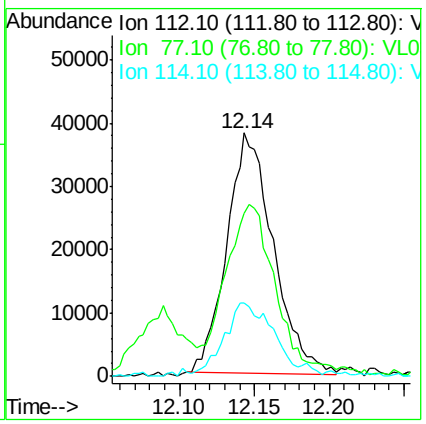


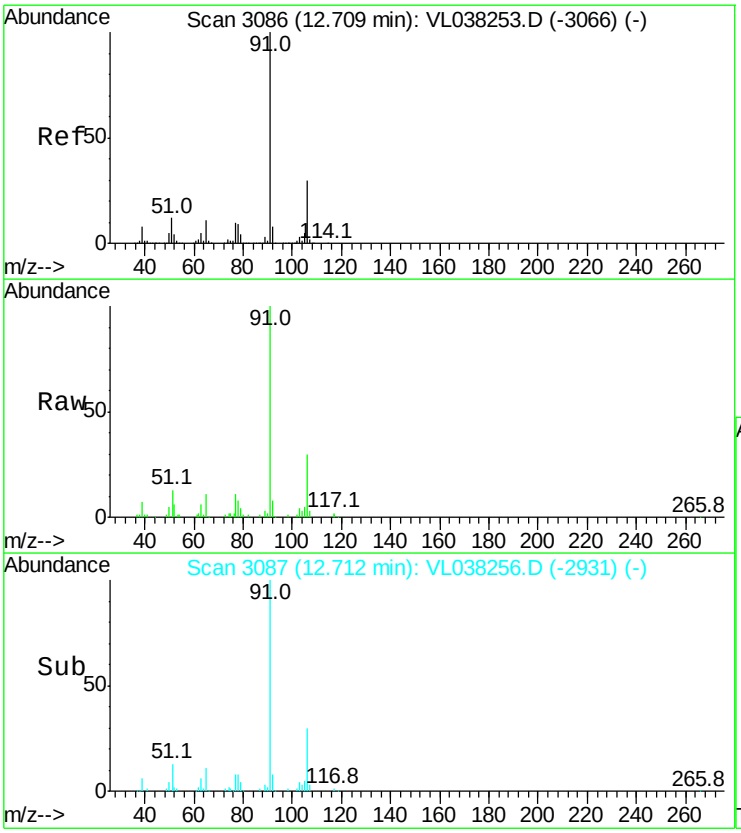
#57
Chlorobenzene
Concen: 0.494 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:112 Resp: 82149

Ion	Ratio	Lower	Upper
112	100		
77	65.5	55.9	83.9
114	29.8	29.3	35.9

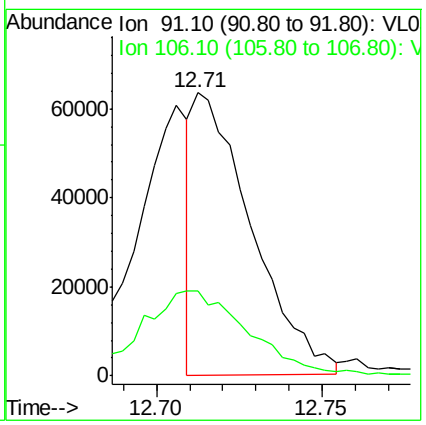


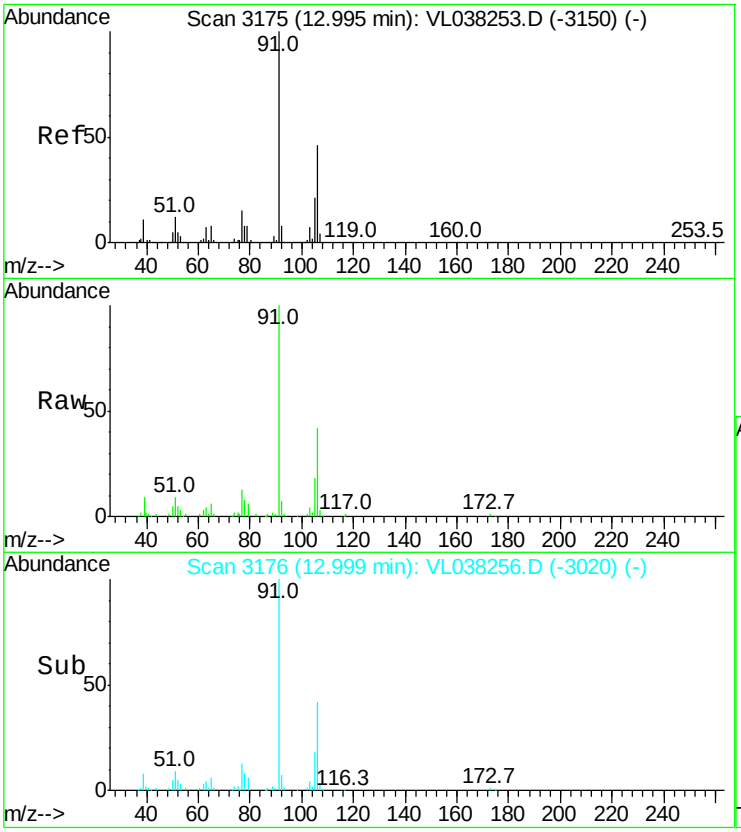


#58
Ethyl Benzene
Concen: 0.259 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 91 Resp: 77031

Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.1	36.1



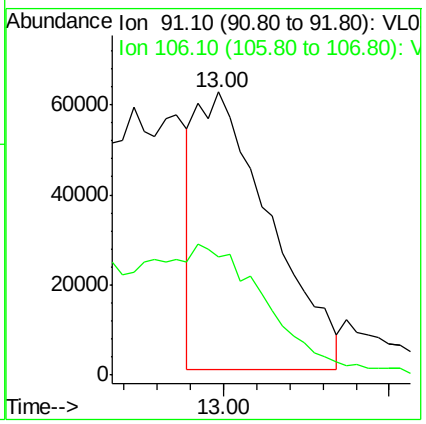


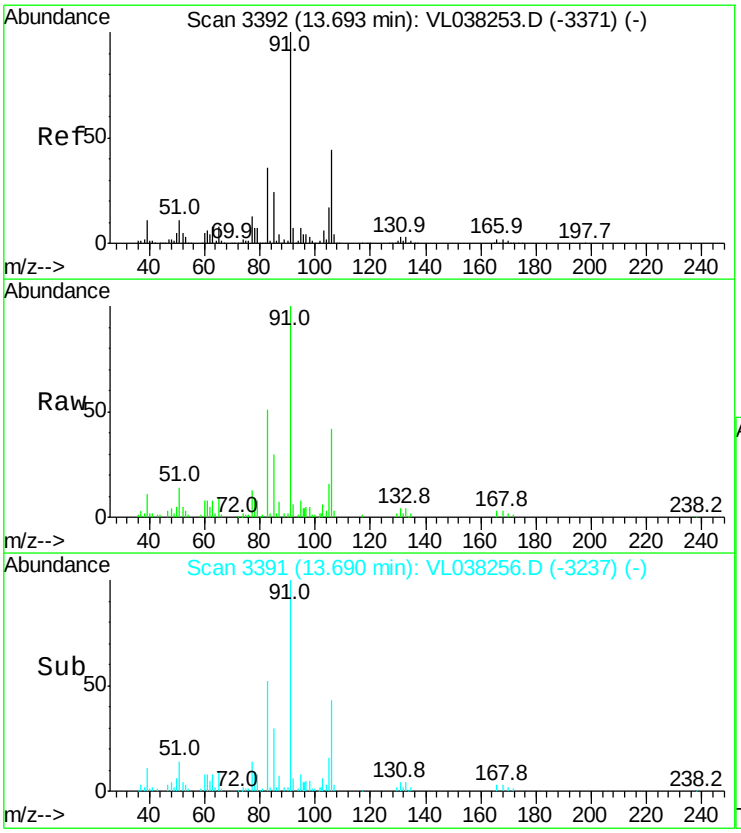
#59
m/p-Xylene
Concen: 0.376 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 95523

Ion	Ratio	Lower	Upper
91	100		
106	112.1	34.8	52.2#

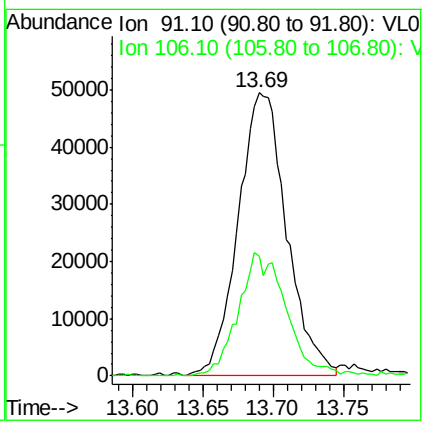


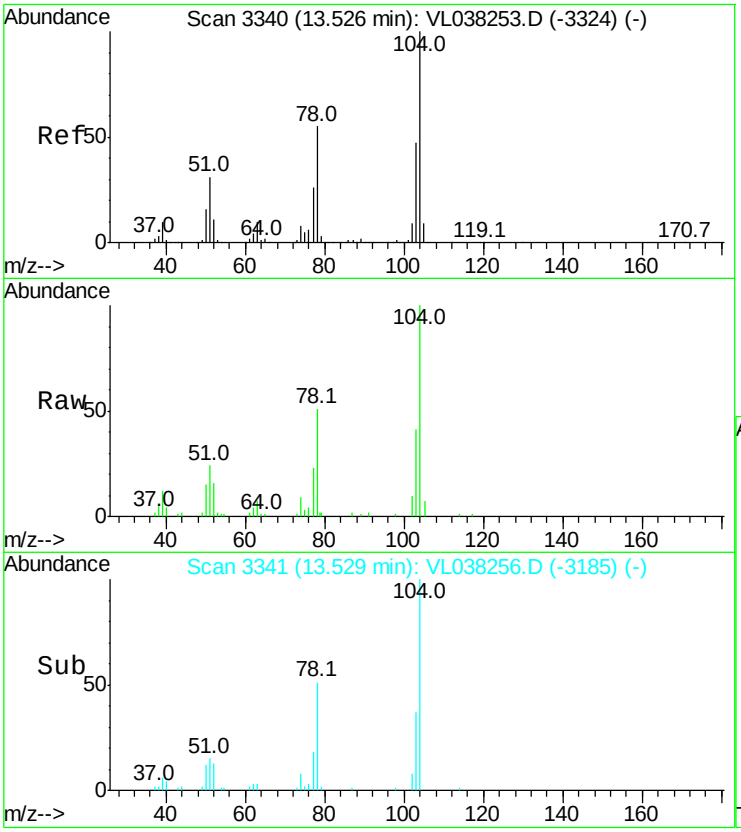


#60
o-Xylene
Concen: 0.506 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 91 Resp: 119373

Ion	Ratio	Lower	Upper
91	100		
106	43.5	22.2	66.6



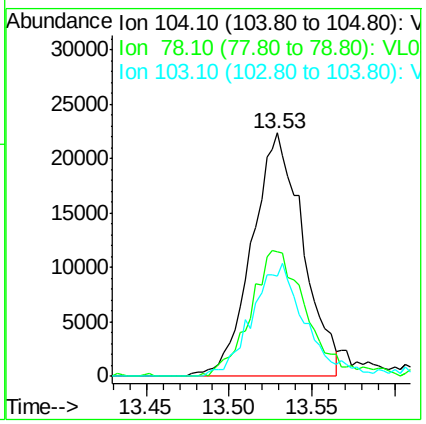


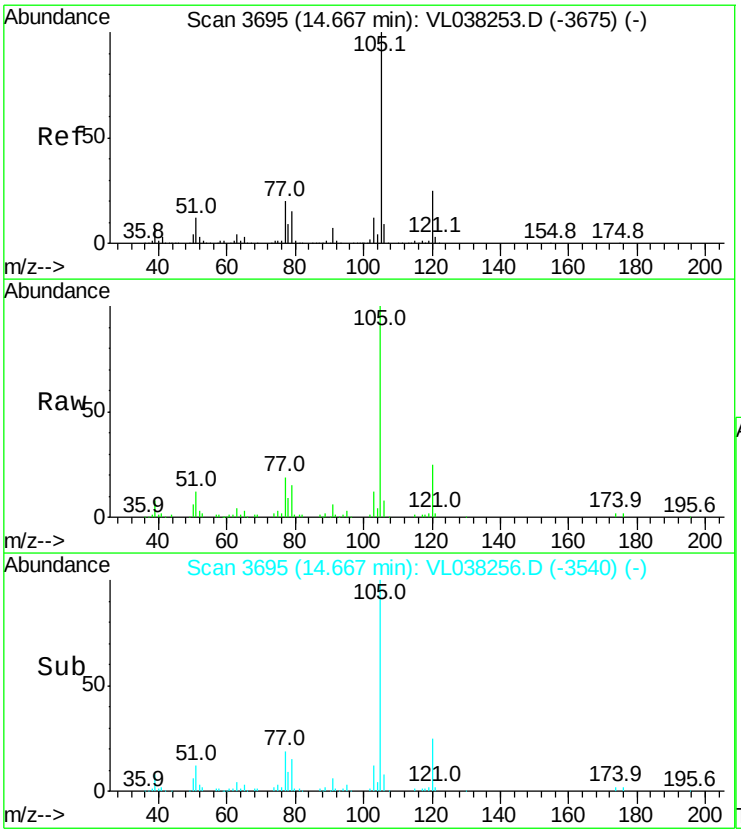
#61
Styrene
Concen: 0.400 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:104 Resp: 47821

Ion	Ratio	Lower	Upper
104	100		
78	57.6	44.2	66.4
103	48.8	38.2	57.4

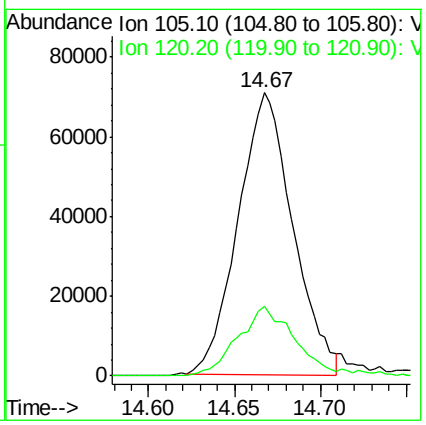


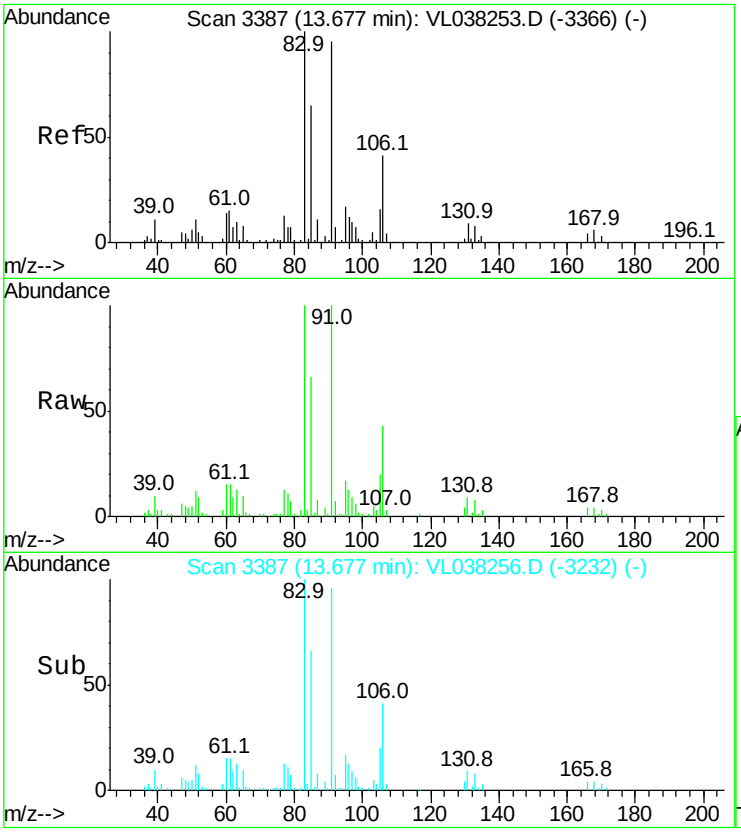


#62
Isopropylbenzene
Concen: 0.473 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:105 Resp: 156525

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.5	30.7



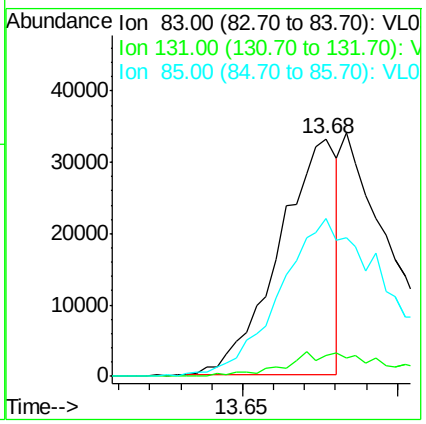


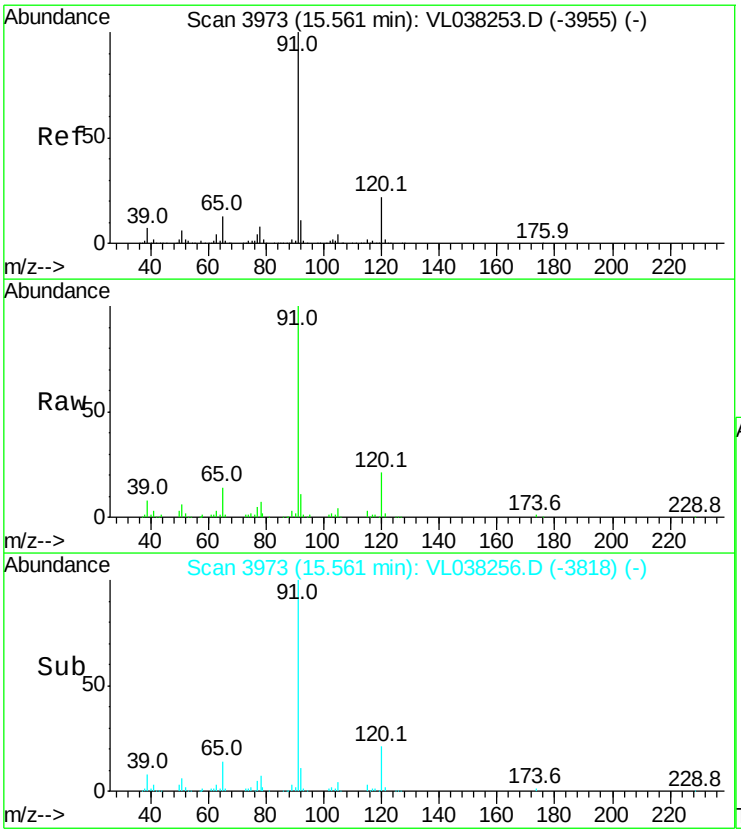
#63
1,1,2,2-Tetrachloroethane
Concen: 0.238 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 43102

Ion	Ratio	Lower	Upper
83	100		
131	18.9	4.5	13.5#
85	134.6	32.8	98.4#

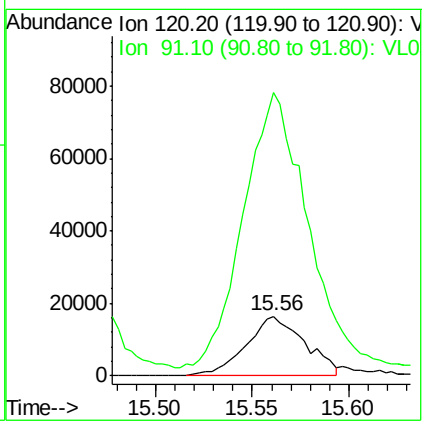


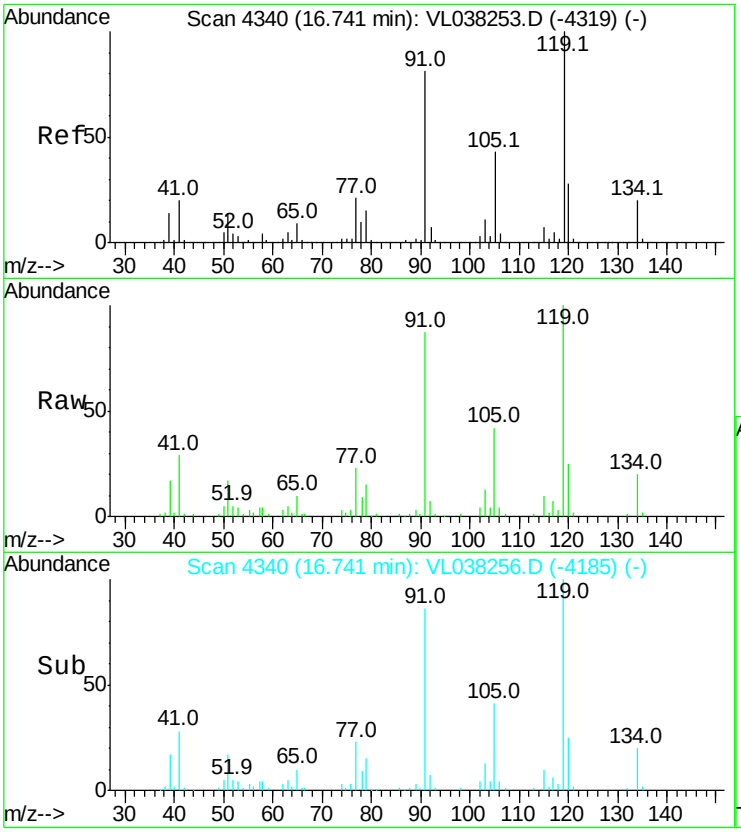


#64
n-propylbenzene
Concen: 0.421 ppbv
RT: 15.56 min Scan# 3973
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:120 Resp: 34619

Ion	Ratio	Lower	Upper
120	100		
91	553.9	390.8	586.2



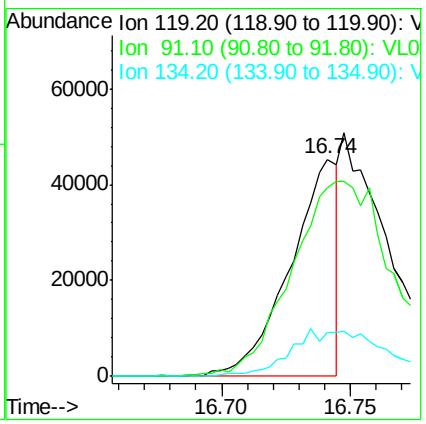


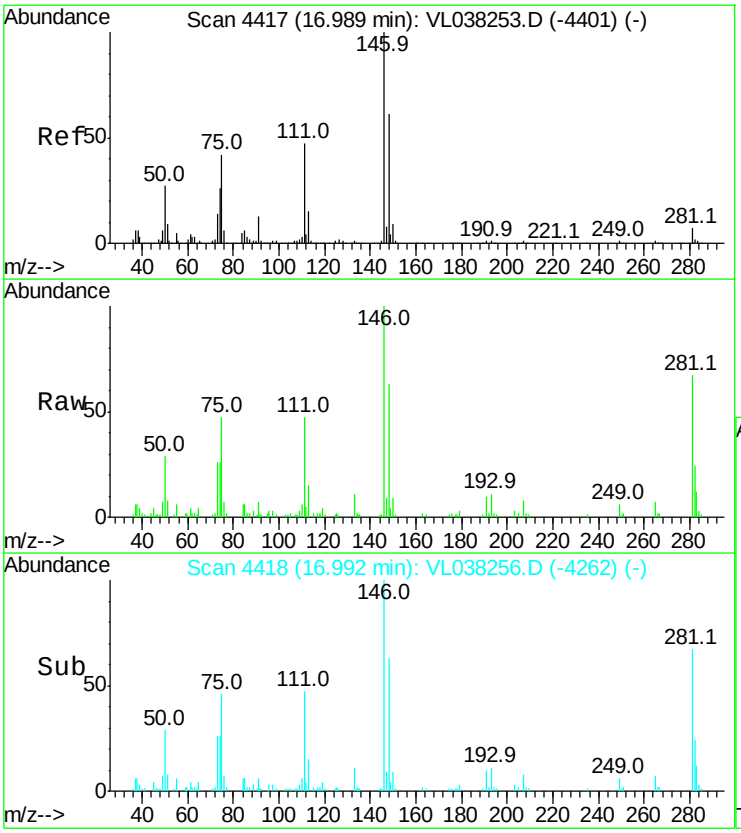
#65
tert-Butylbenzene
Concen: 0.198 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 57823

Ion	Ratio	Lower	Upper
119	100		
91	207.8	66.6	100.0#
134	45.2	15.8	23.6#

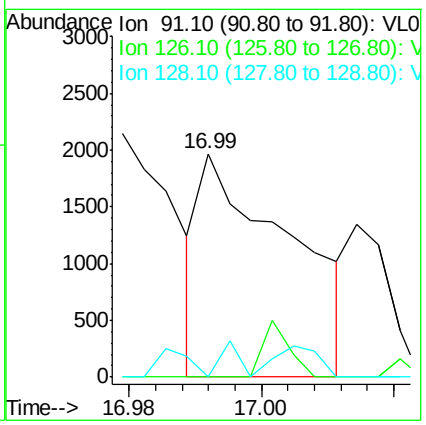


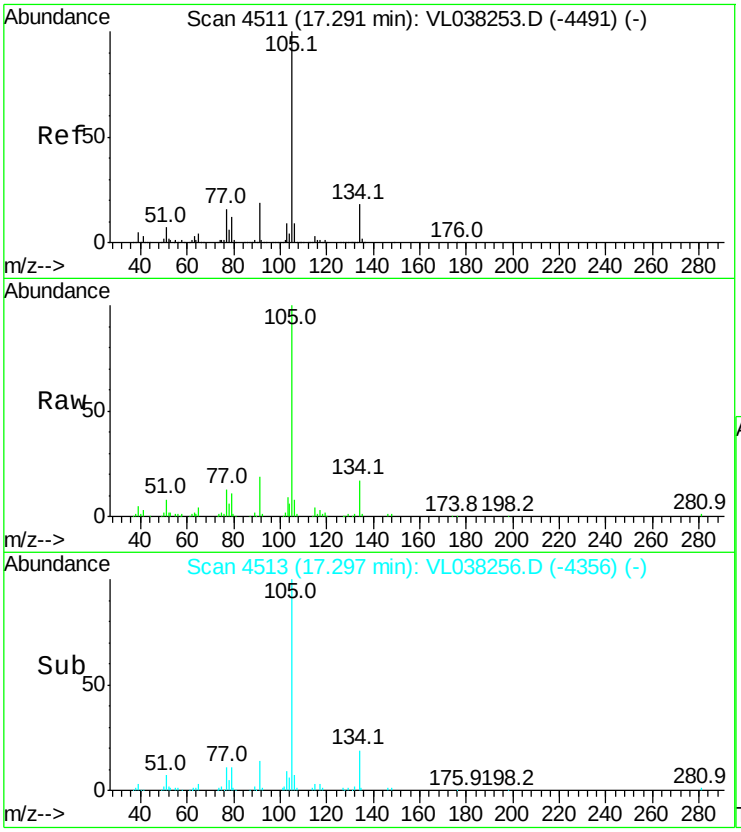


#66
Benzyl Chloride
Concen: 0.170 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. 0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 91 Resp: 1849

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.6	18.8#
128	8.0	4.3	6.5#



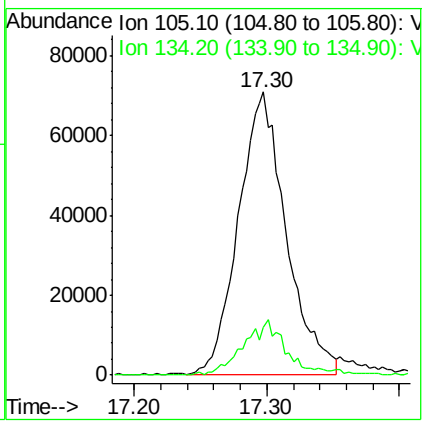


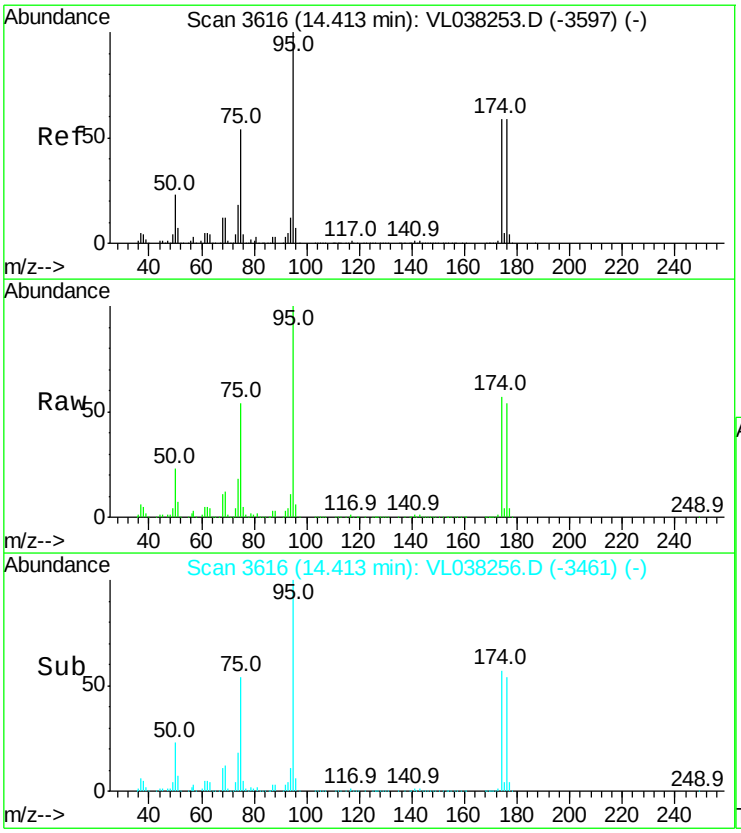
#67
sec-Butylbenzene
Concen: 0.440 ppbv
RT: 17.30
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 176150

Ion	Ratio	Lower	Upper
105	100		
134	18.3	14.3	21.5

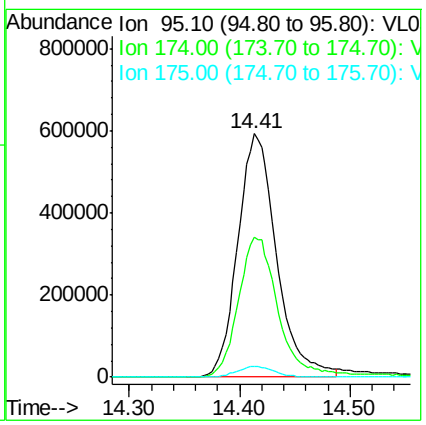


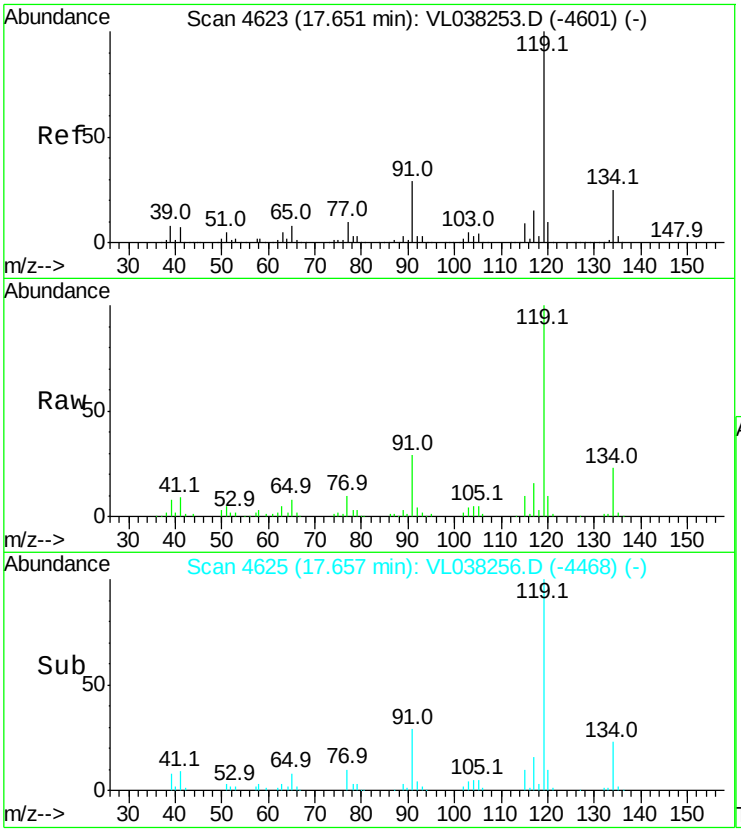


#68
1-Bromo-4-Fluorobenzene
Concen: 9.786 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 95 Resp: 1445521

Ion	Ratio	Lower	Upper
95	100		
174	60.9	48.3	72.5
175	4.4	3.5	5.3



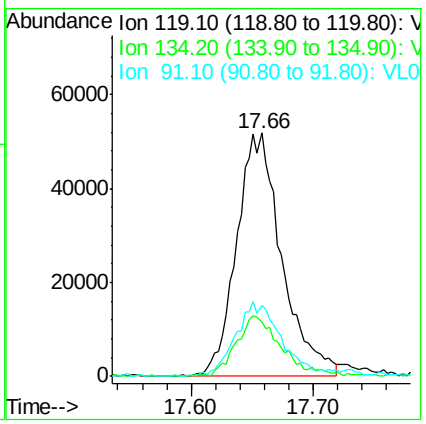


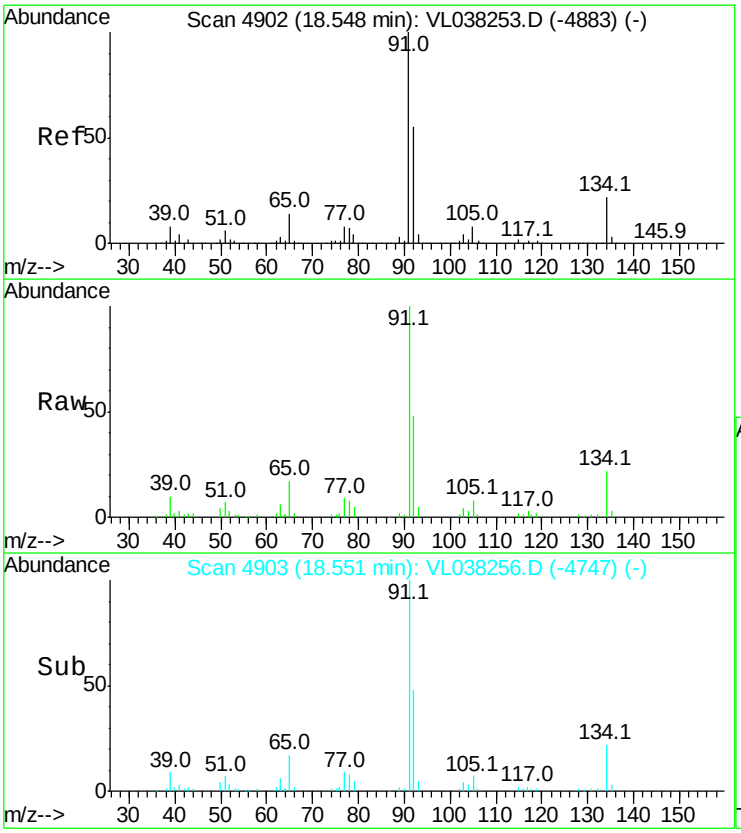
#69
p-Isopropyltoluene
Concen: 0.409 ppbv
RT: 17.66
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 131682

Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.2	30.2
91	33.4	23.2	34.8

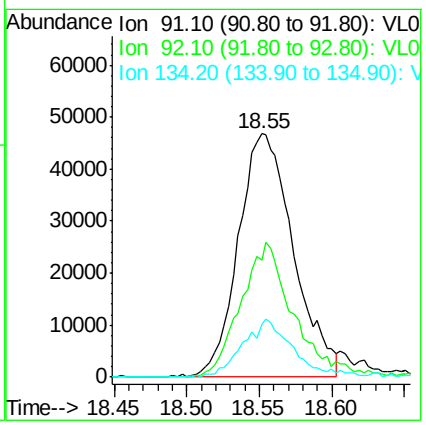


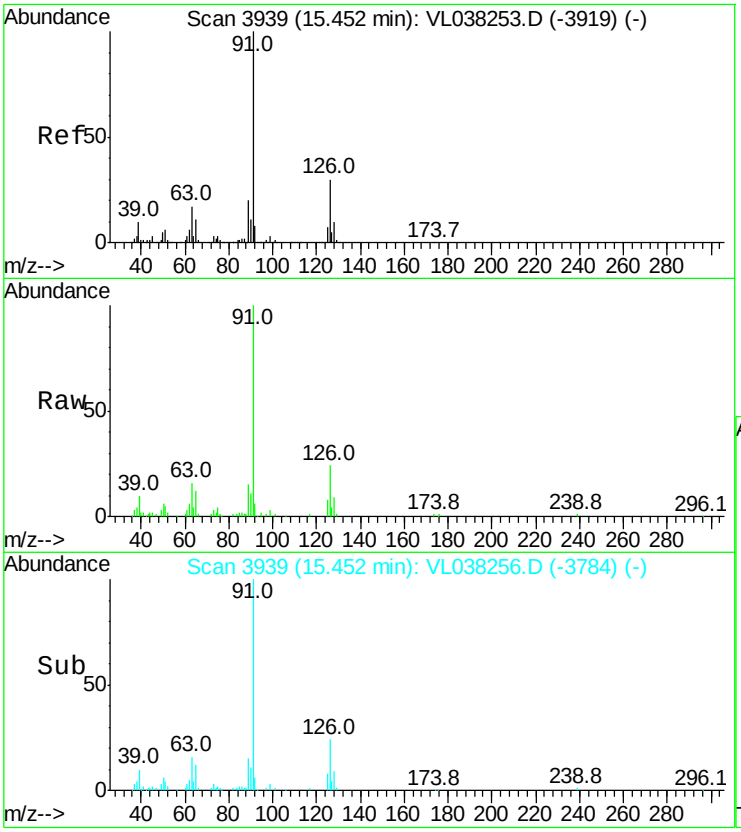


#70
n-Butylbenzene
Concen: 0.400 ppbv
RT: 18.55 min Scan# 4903
Delta R.T. 0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion: 91 Resp: 122356

Ion	Ratio	Lower	Upper
91	100		
92	53.8	43.4	65.0
134	22.4	17.3	25.9



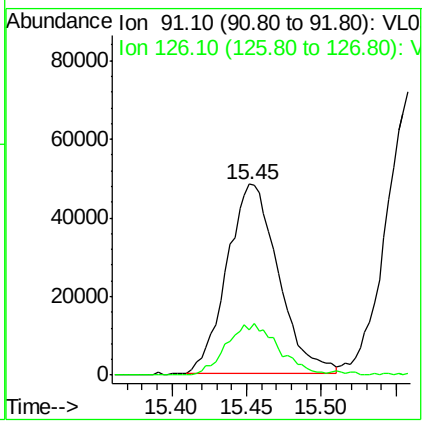


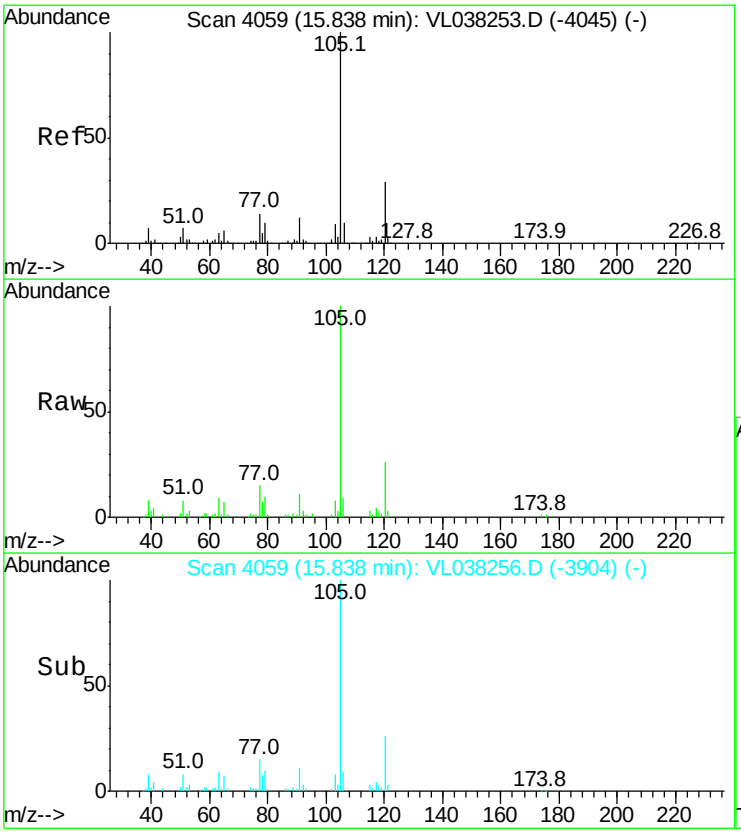
#71
2-Chlorotoluene
Concen: 0.466 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 114699

Ion	Ratio	Lower	Upper
91	100		
126	28.7	12.1	48.5

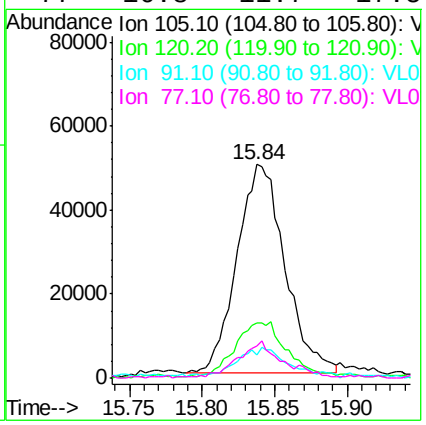


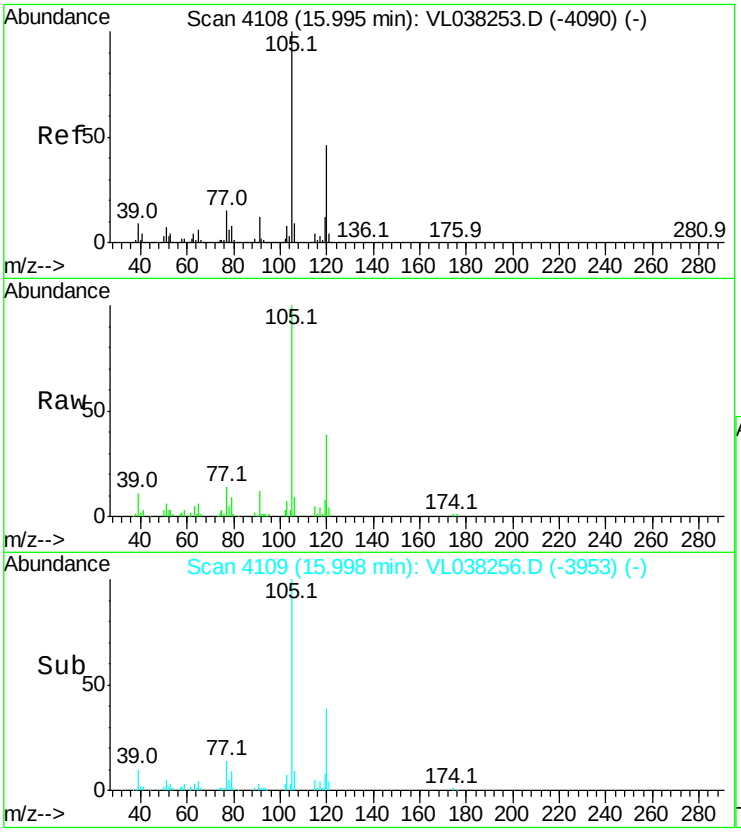


#72
4-Ethyltoluene
Concen: 0.421 ppbv
RT: 15.84 min Scan# 4059
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:105 Resp: 114204

Ion	Ratio	Lower	Upper
105	100		
120	30.2	23.8	35.8
91	16.4	10.2	15.4#
77	16.8	11.7	17.5



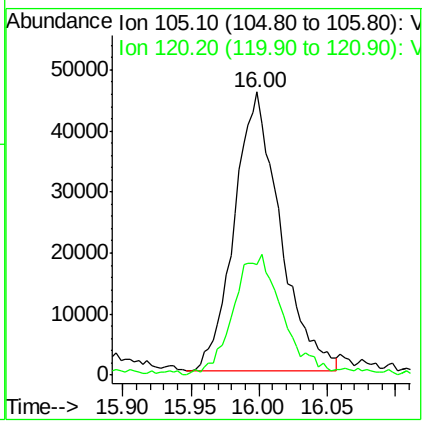


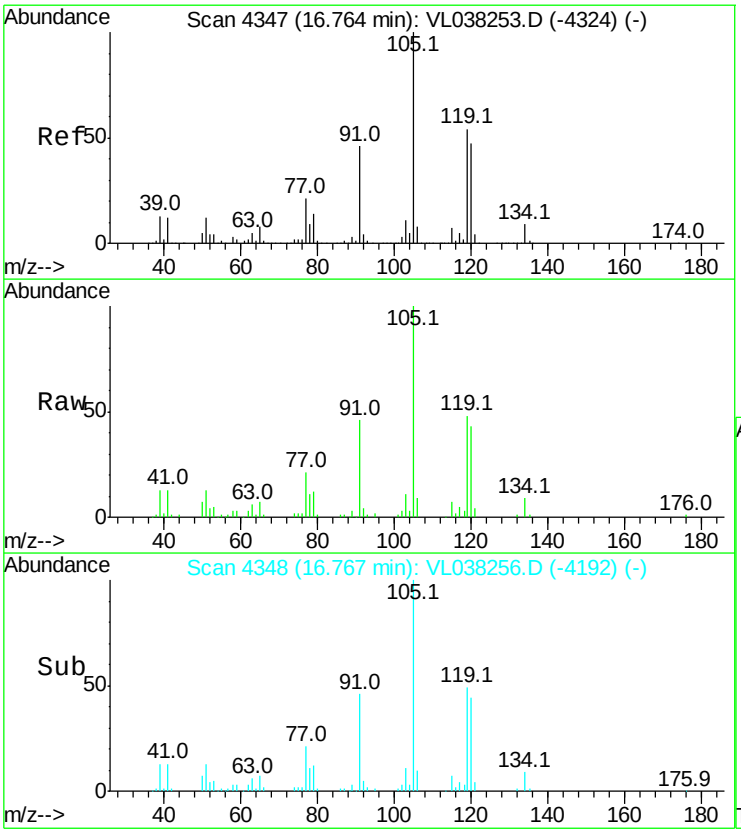
#73
1,3,5-Trimethylbenzene
Concen: 0.439 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 106560

Ion	Ratio	Lower	Upper
105	100		
120	39.9	36.6	55.0

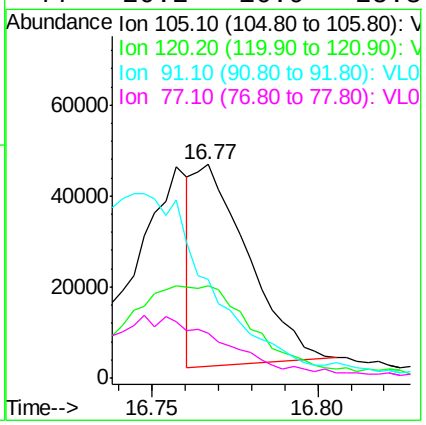


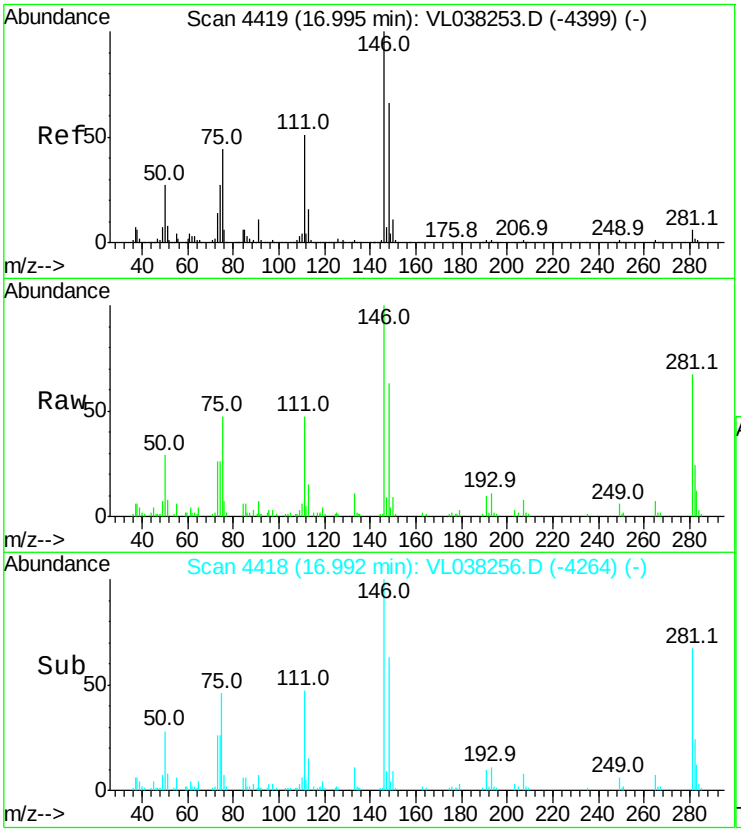


#74
1,2,4-Trimethylbenzene
Concen: 0.196 ppbv
RT: 16.77 min Scan# 4348
Delta R.T. 0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:105 Resp: 50027

Ion	Ratio	Lower	Upper
105	100		
120	42.5	37.2	55.8
91	43.4	36.6	55.0
77	20.2	16.9	25.3



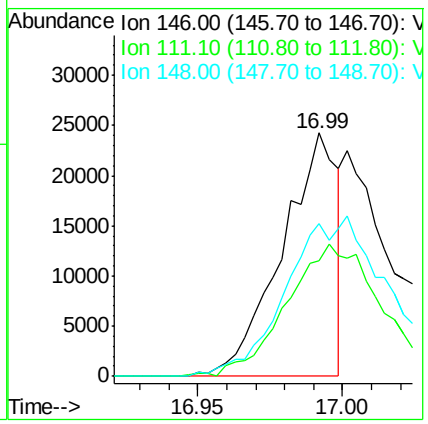


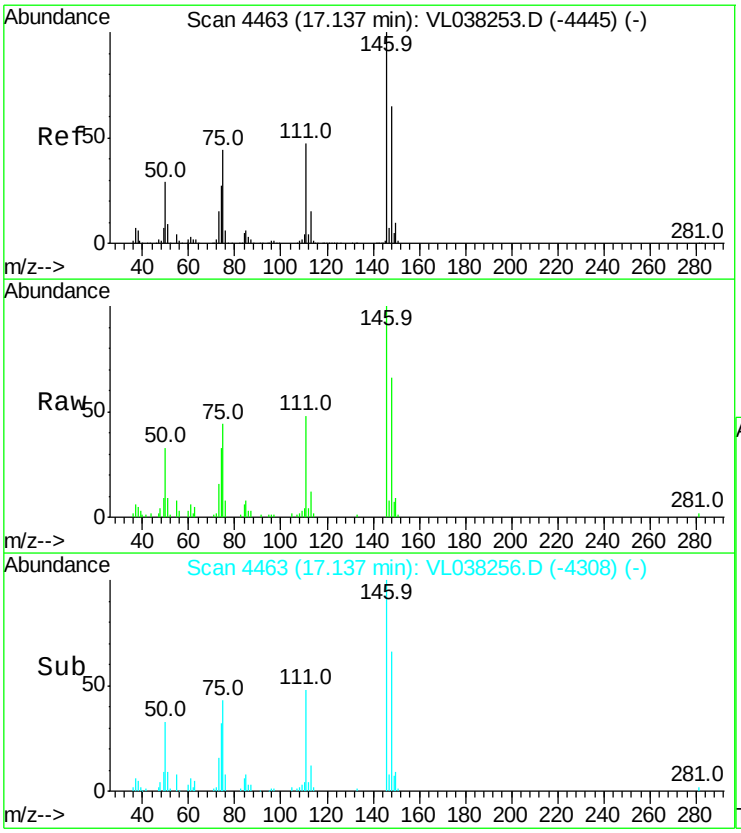
#75
1,3-Dichlorobenzene
Concen: 0.233 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 32096

Ion	Ratio	Lower	Upper
146	100		
111	103.0	24.1	72.4#
148	0.0	32.1	96.5#

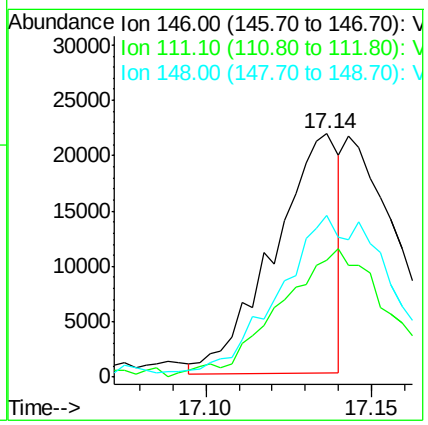


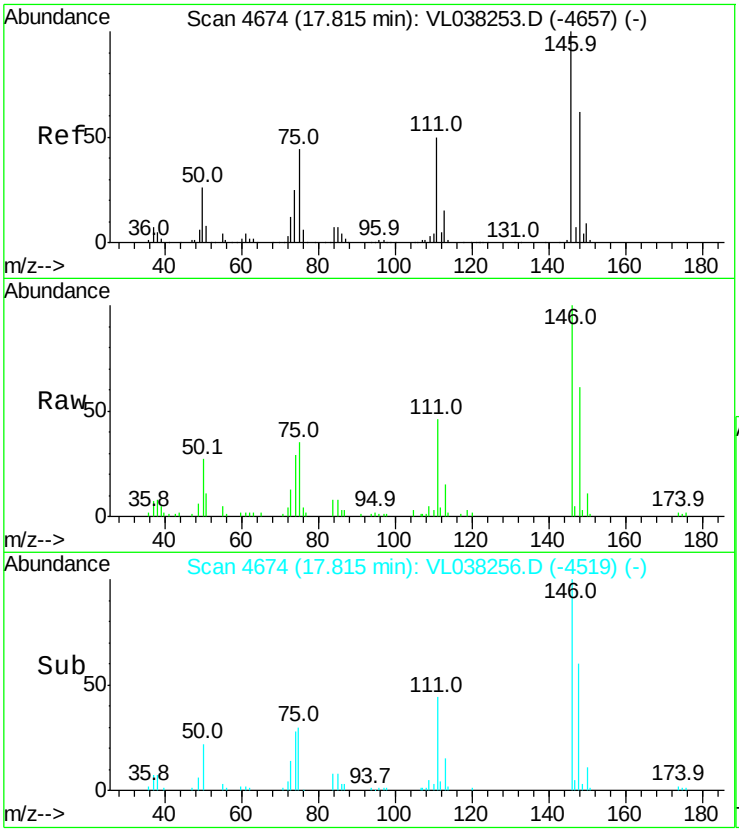


#76
1,4-Dichlorobenzene
Concen: 0.215 ppbv
RT: 17.14 min Scan# 4463
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:146 Resp: 29428

Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.2	69.6#
148	127.2	32.4	97.0#



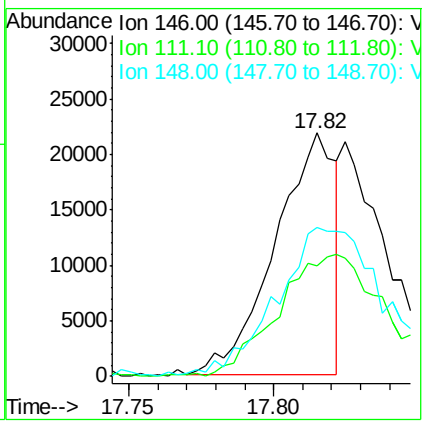


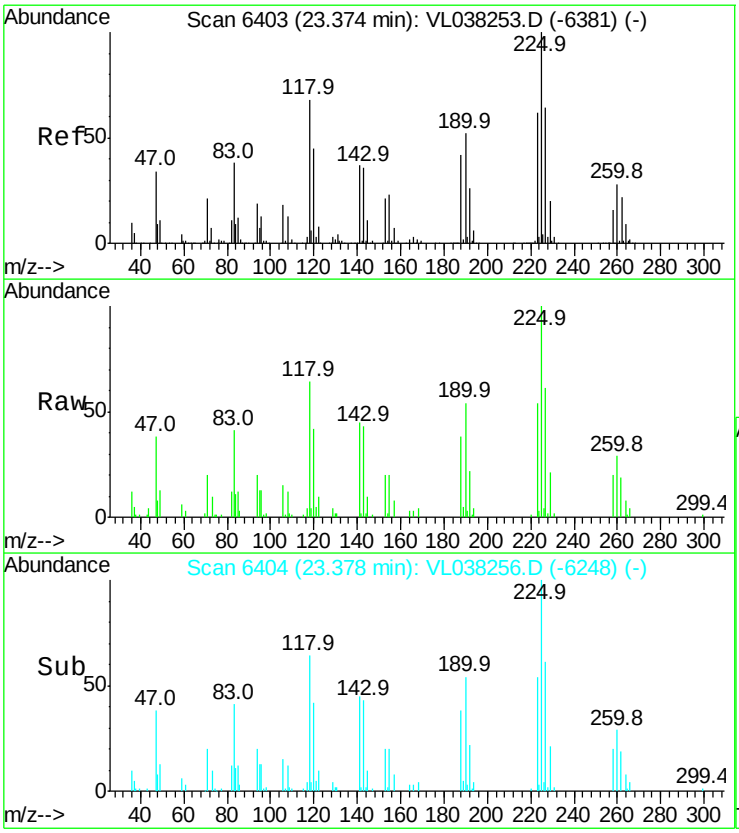
#77
1,2-Dichlorobenzene
Concen: 0.237 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 31238

Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.2	75.6#
148	118.1	32.6	97.8#

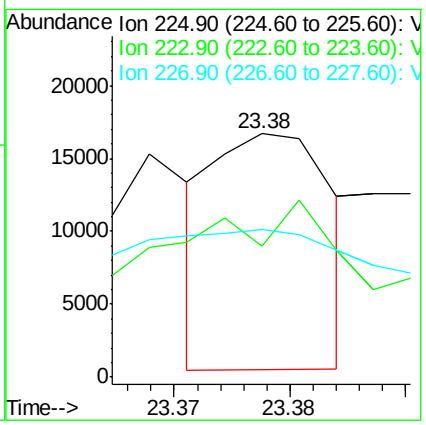


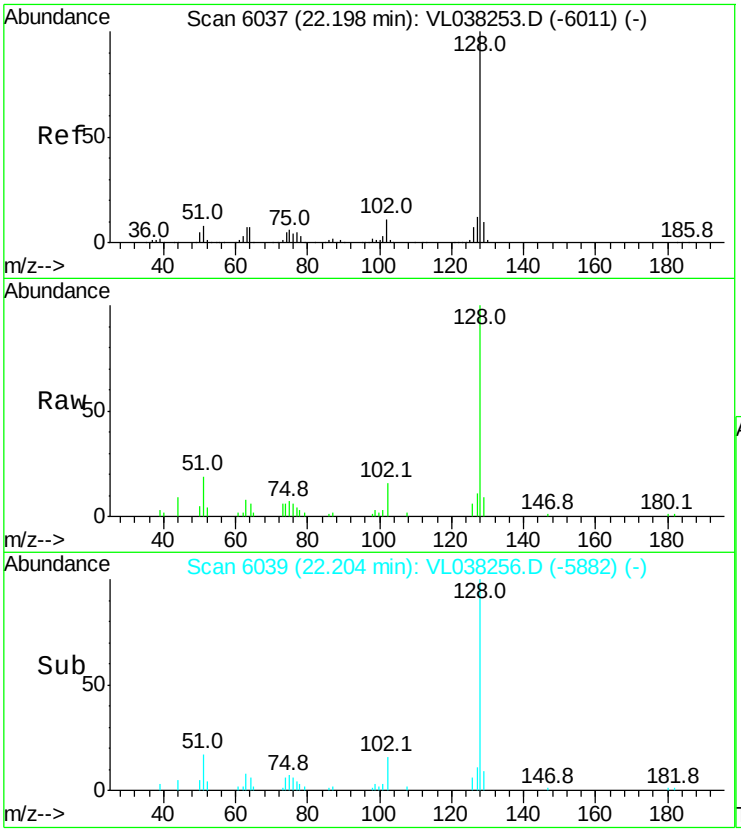


#78
Hexachloro-1,3-Butadiene
Concen: 0.139 ppbv
RT: 23.38 min Scan# 6404
Delta R.T. 0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:225 Resp: 11338

Ion	Ratio	Lower	Upper
225	100		
223	247.8	51.7	77.5#
227	244.0	51.4	77.0#



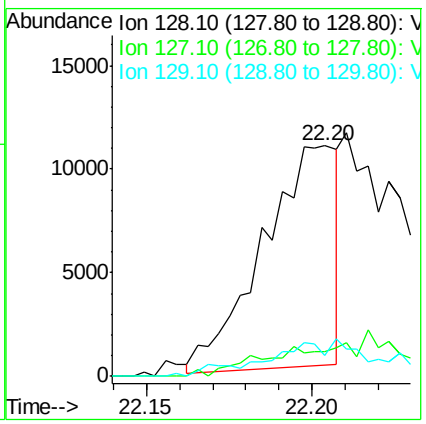


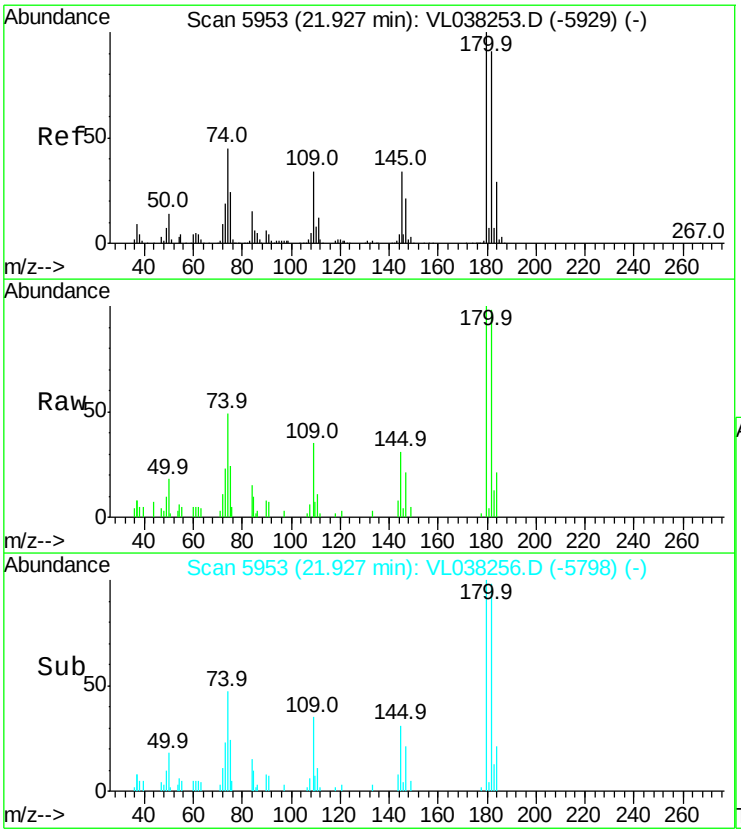
#79
Naphthalene
Concen: 0.127 ppbv
RT: 22.20
Delta R.T
Lab File:
Acq: 24 Jan 2022 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:128 Resp: 16682

Ion	Ratio	Lower	Upper
128	100		
127	11.4	9.7	14.5
129	9.8	8.1	12.1





#81
1,2,4-Trichlorobenzene
Concen: 0.147 ppbv
RT: 21.93 min Scan# 5953
Delta R.T. -0.00 min
Lab File: VL038256.D
Acq: 24 Jan 2022 11:21

Tgt Ion:180 Resp: 11070

Ion	Ratio	Lower	Upper
180	100		
182	221.3	77.7	116.5#
184	0.0	24.4	36.6#