Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039117.D
Acq On : 25 May 2022 14:50
Operator : SY/AP
Sample : VL0525ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0525ABS01

Quant Time: May 26 07:57:13 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1050133	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	2364550	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	2305721	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	1931433	10.58	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	1025313	6.231	ppbv	99
3) Chlorodifluoromethane	2.98	51	1305432	10.018	ppbv	97
4) Chloromethane	3.13	50	602705	9.236	ppbv	95
5) Vinyl Chloride	3.24	62	617921	10.370	ppbv	96
6) Bromomethane	3.46	94	298429	10.601	ppbv	95
7) Chloroethane	3.54	64	222717	11.167	ppbv	96
8) Dichlorotetrafluoroethane	3.17	85	1497860	10.045	ppbv	97
9) Propene	3.00	41	497298	8.739	ppbv	96
10) Heptane	8.09	43	1287423	9.222	ppbv	98
11) Trichlorofluoromethane	3.93	101	1588247	11.250	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1138108	11.703	ppbv	99
13) Ethanol	3.58	45	54731	13.591	ppbv	95
14) Bromoethene	3.72	108	473597	11.810	ppbv	97
15) Acetone	3.83	43	1036193	10.460	ppbv	96
16) 1,3-Butadiene	3.31	39	604420	10.620	ppbv	99
17) tert-Butyl alcohol	4.26	59	966637	12.696	ppbv	99
18) 1,1-Dichloroethene	4.27	96	488704	11.676	ppbv	98
19) Isopropyl Alcohol	3.94	45	598814	12.714	ppbv #	99
20) Methylene Chloride	4.32	84	422414	11.314	ppbv	96
21) Allyl Chloride	4.39	41	724243	10.729	ppbv	98
22) trans-1,2-Dichloroethene	4.86	96	505595	11.183	ppbv	98
23) Vinyl Acetate	5.05	43	691626	8.824	ppbv	98
24) 1,1-Dichloroethane	4.99	63	999659	11.076	ppbv	100
25) Ethyl Acetate	5.65	43	2606285	10.993	ppbv	99
26) Hexane	5.66	57	1040434	9.876	ppbv	93
27) Carbon Disulfide	4.53	76	1179182	11.783	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	910941	11.365	ppbv	99
29) Chloroform	5.73	83	1698273	9.964	ppbv	98
30) Cyclohexane	7.10	84	812926	9.217	ppbv	98
31) cis-1,2-Dichloroethene	5.52	61	1060037	9.877	ppbv	97
32) 1,1,1-Trichloroethane	6.48	97	1824800	10.708	ppbv	99
34) 2-Butanone	5.21	43	1384540	11.477	ppbv	98
35) Carbon Tetrachloride	6.99	117	1896684	12.174	ppbv	97
36) Benzene	6.86	78	1980974	9.790	ppbv	97
37) 1,2-Dichloroethane	6.28	62	1446808	11.556	ppbv	97
38) Trichloroethene	7.80	130	775342	8.619	ppbv	97
39) 1,2-Dichloropropane	7.58	63	785630	9.978	ppbv #	91
40) 1,4-Dioxane	7.80	88	264691	9.360	ppbv #	1
41) Tetrahydrofuran	6.02	42	791623	9.764	ppbv	100
42) Bromodichloromethane	7.76	83	1916266	11.195	ppbv	98
43) Methyl Methacrylate	7.98	69	868860	10.577	ppbv	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039117.D
Acq On : 25 May 2022 14:50
Operator : SY/AP
Sample : VL0525ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0525ABS01

Quant Time: May 26 07:57:13 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.84	57	3478164	9.796	ppbv		98
45) t-1,3-Dichloropropene	9.24	75	729535	9.174	ppbv		100
46) cis-1,3-Dichloropropene	8.67	75	1010603	9.583	ppbv		99
47) 1,1,2-Trichloroethane	9.44	97	824476	10.068	ppbv		99
48) Dibromochloromethane	10.27	129	1556211	11.676	ppbv		100
49) Bromoform	13.00	173	1255519	12.351	ppbv		99
50) 4-Methyl-2-Pentanone	8.71	43	2127541	10.058	ppbv		99
51) 2-Hexanone	10.10	43	1573651	10.193	ppbv	#	99
52) Tetrachloroethene	11.19	164	713625	9.869	ppbv		98
53) Toluene	9.77	91	2313552	10.201	ppbv		99
54) 1,2-Dibromoethane	10.57	107	1212558	10.877	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.09	131	1122400	11.095	ppbv		99
57) Chlorobenzene	12.11	112	1700082	9.836	ppbv		98
58) Ethyl Benzene	12.67	91	3239536	9.763	ppbv		99
59) m/p-Xylene	12.95	91	2701773	9.538	ppbv	#	31
60) o-Xylene	13.65	91	2759241	10.349	ppbv		96
61) Styrene	13.49	104	1449273	10.182	ppbv		99
62) Isopropylbenzene	14.63	105	3997840	10.254	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.64	83	1837153	11.702	ppbv		99
64) n-propylbenzene	15.52	120	996105	10.567	ppbv		95
65) tert-Butylbenzene	16.71	119	3638828	10.652	ppbv		99
66) Benzyl Chloride	16.94	91	143913	3.223	ppbv	#	77
67) sec-Butylbenzene	17.26	105	5163530	10.580	ppbv		99
69) p-Isopropyltoluene	17.61	119	4249240	10.777	ppbv		99
70) n-Butylbenzene	18.51	91	4546465	10.853	ppbv		100
71) 2-Chlorotoluene	15.41	91	3118865	10.376	ppbv		99
72) 4-Ethyltoluene	15.80	105	3136360	10.323	ppbv		99
73) 1,3,5-Trimethylbenzene	15.96	105	2866148	10.479	ppbv		99
74) 1,2,4-Trimethylbenzene	16.72	105	3178108	10.612	ppbv		98
75) 1,3-Dichlorobenzene	16.95	146	1741426	10.613	ppbv		99
76) 1,4-Dichlorobenzene	17.10	146	1662797	10.301	ppbv		98
77) 1,2-Dichlorobenzene	17.78	146	1720632	10.603	ppbv		100
78) Hexachloro-1,3-Butadiene	23.33	225	1380126	9.254	ppbv		99
79) Naphthalene	22.14	128	2351818	9.668	ppbv		99
80) Naphthalene,2-methyl-	24.94	142	542428	7.371	ppbv		96
81) 1,2,4-Trichlorobenzene	21.87	180	1343090	9.422	ppbv		100

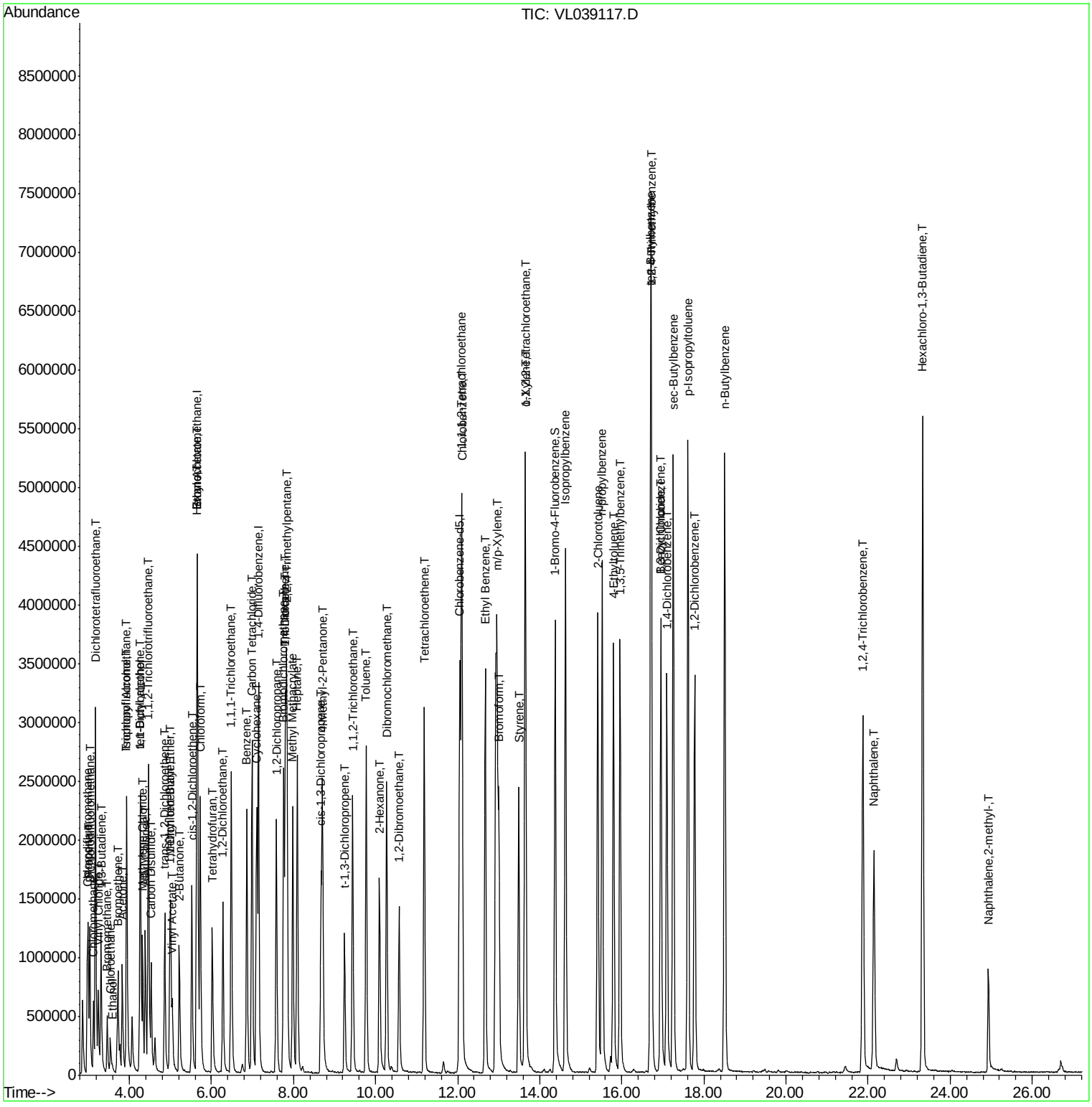
(#) = qualifier out of range (m) = manual integration (+) = signals summed

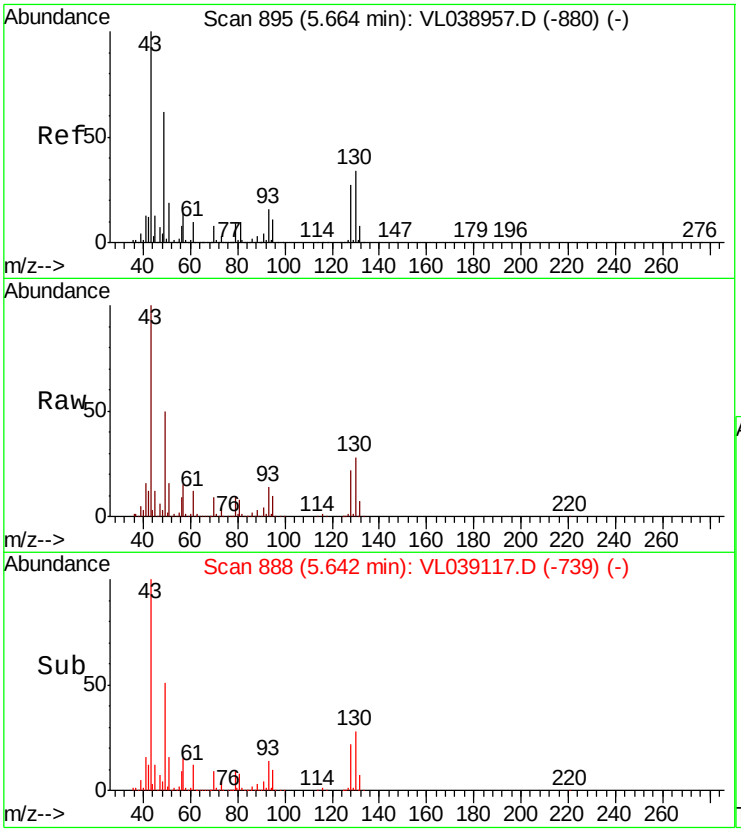
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039117.D
Acq On : 25 May 2022 14:50
Operator : SY/AP
Sample : VL0525ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Quant Time: May 26 07:57:13 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration



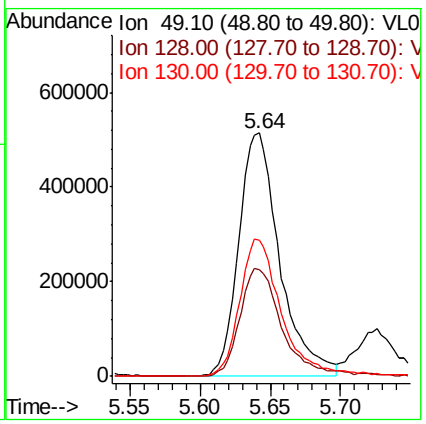


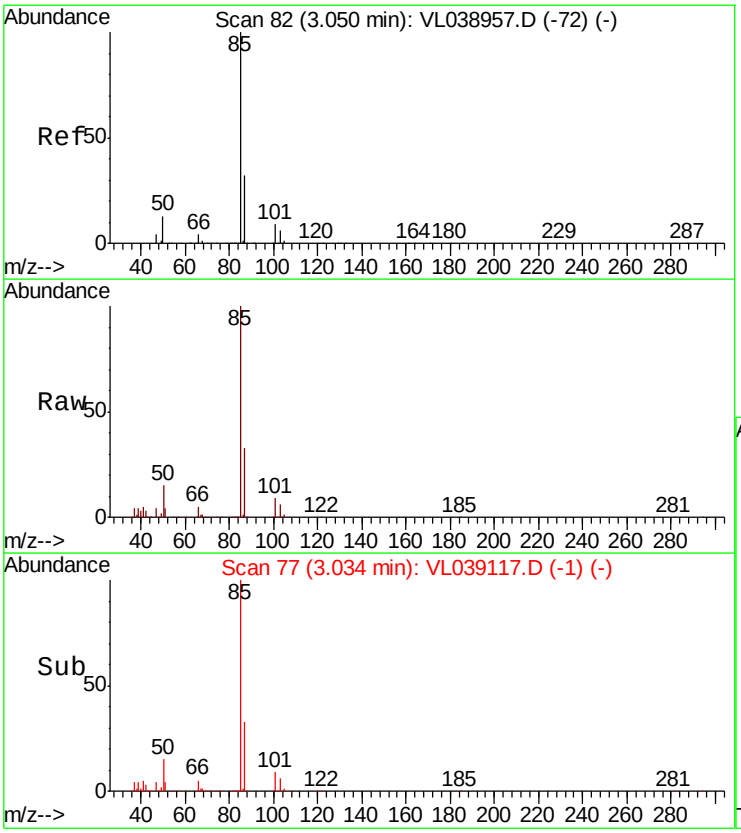
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 49 Resp: 1050133

Ion	Ratio	Lower	Upper
49	100		
128	46.1	23.3	69.8
130	58.4	29.8	89.3

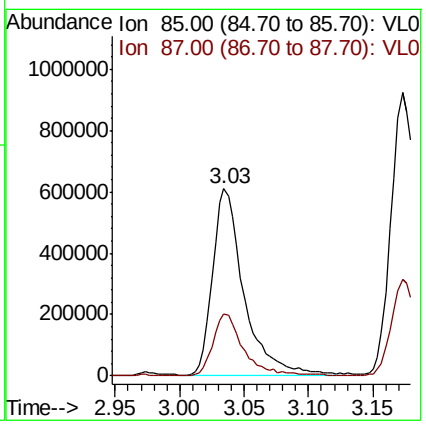


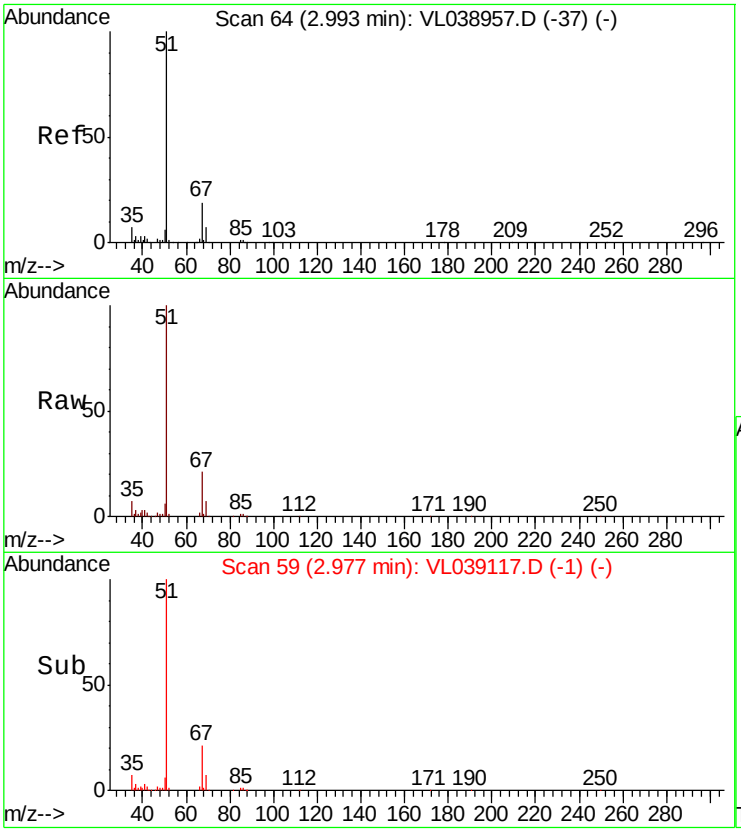


#2
Dichlorodifluoromethane
Concen: 6.231 ppbv
RT: 3.03 min Scan# 77
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 85 Resp: 1025313

Ion	Ratio	Lower	Upper
85	100		
87	32.9	25.7	38.5



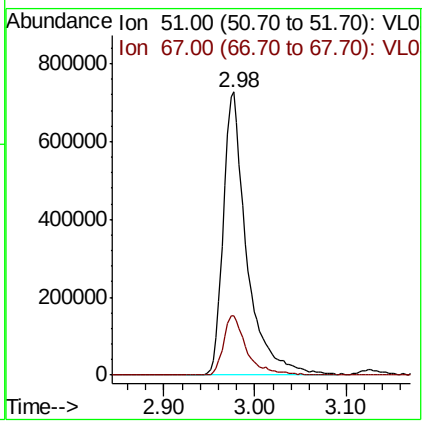


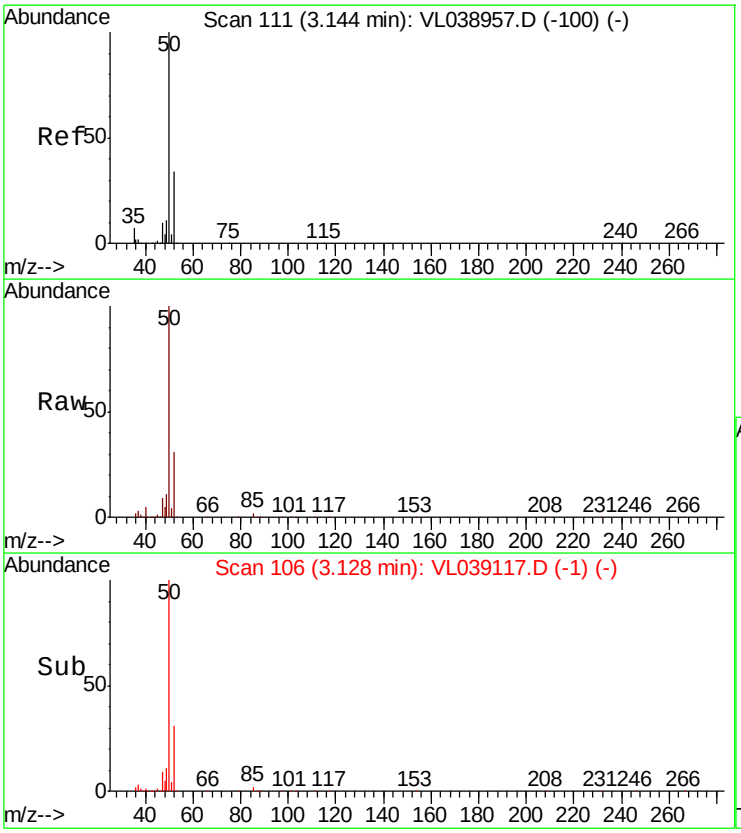
#3
Chlorodifluoromethane
Concen: 10.018 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 51 Resp: 1305432

Ion	Ratio	Lower	Upper
51	100		
67	21.0	15.8	23.8

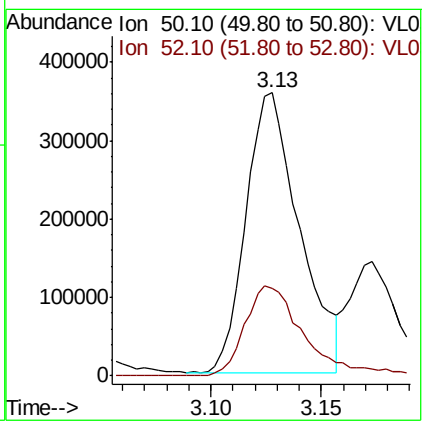


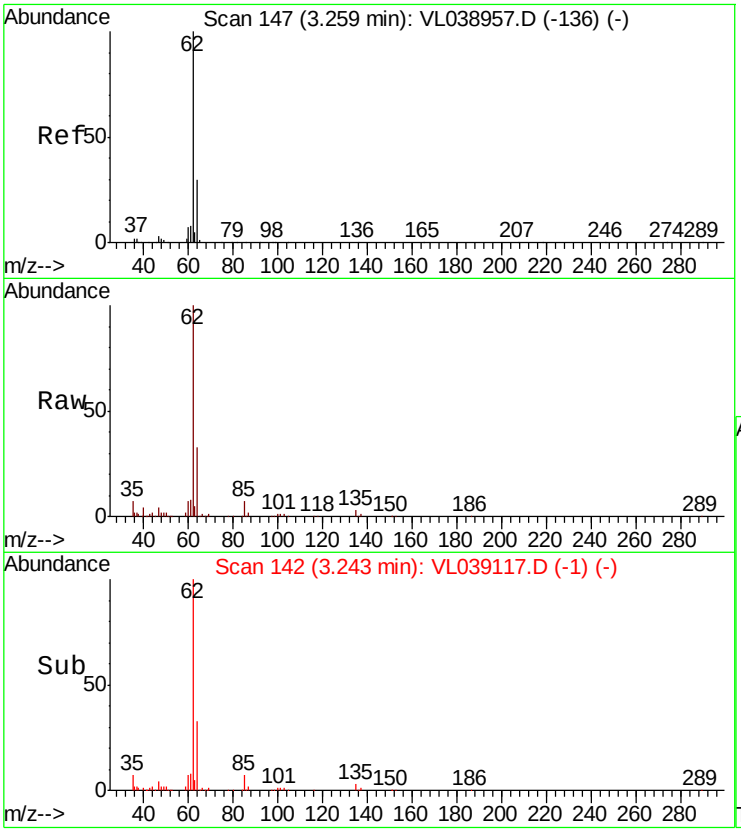


#4
Chloromethane
Concen: 9.236 ppbv
RT: 3.13 min Scan# 106
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 50 Resp: 602705

Ion	Ratio	Lower	Upper
50	100		
52	31.2	27.3	40.9



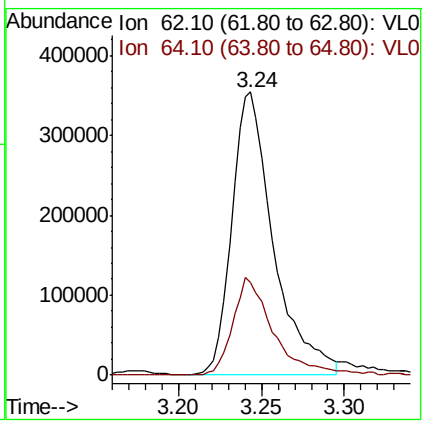


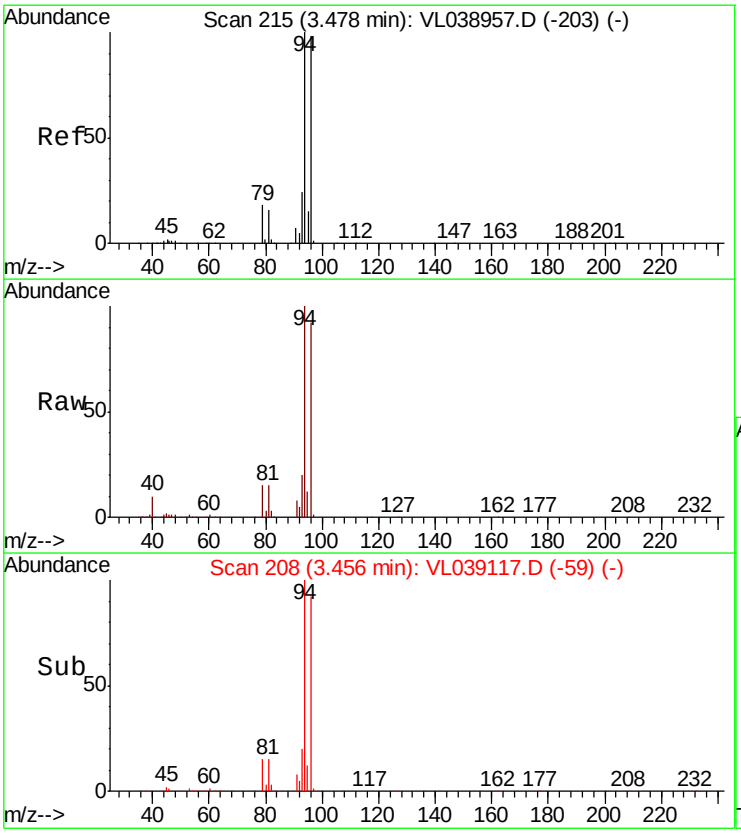
#5
Vinyl Chloride
Concen: 10.370 ppbv
RT: 3.24
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 62 Resp: 617921

Ion	Ratio	Lower	Upper
62	100		
64	32.6	24.2	36.4

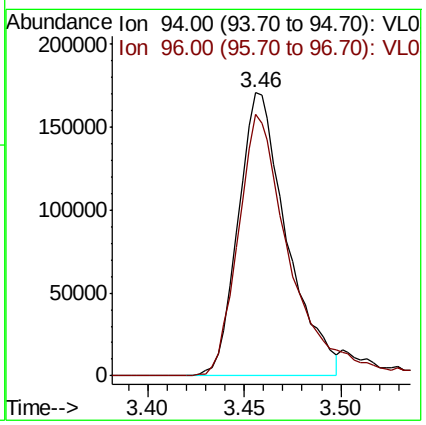


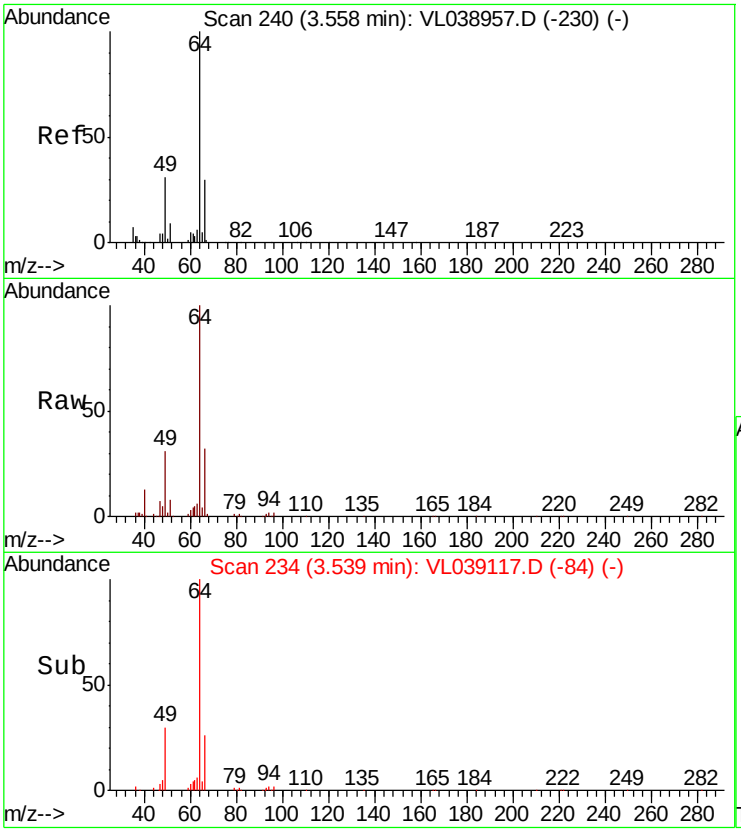


#6
Bromomethane
Concen: 10.601 ppbv
RT: 3.46 min Scan# 208
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 94 Resp: 298429

Ion	Ratio	Lower	Upper
94	100		
96	92.4	78.1	117.1



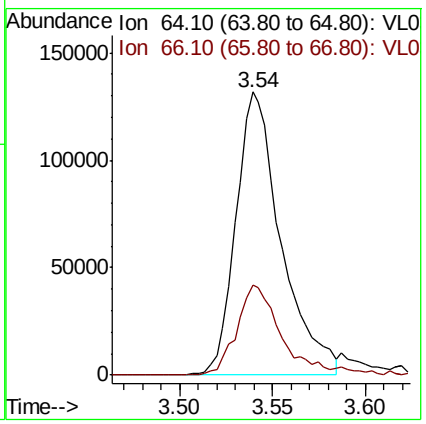


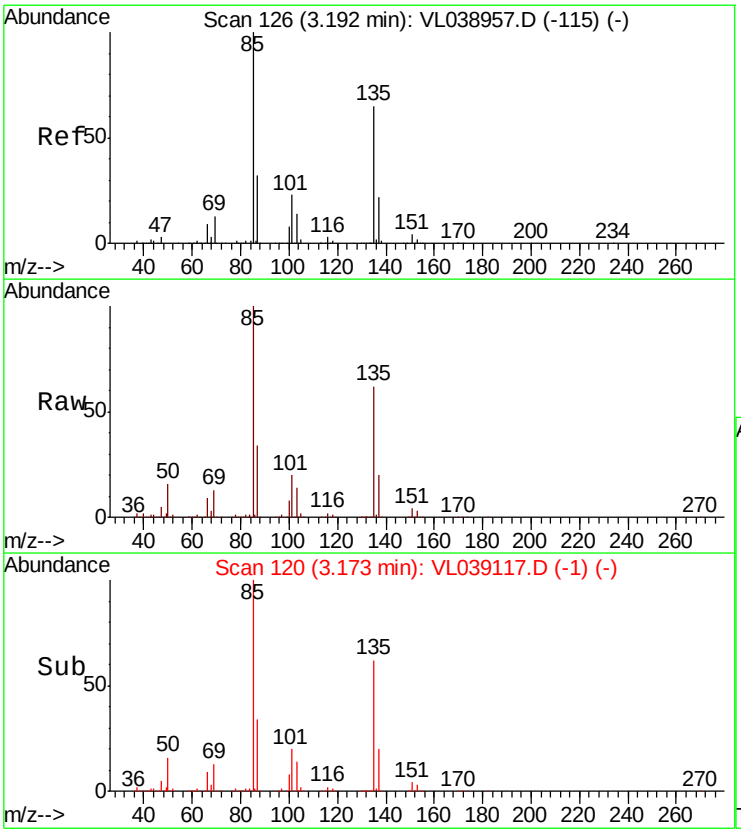
#7
Chloroethane
Concen: 11.167 ppbv
RT: 3.54
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 64 Resp: 222717

Ion	Ratio	Lower	Upper
64	100		
66	32.0	23.8	35.8

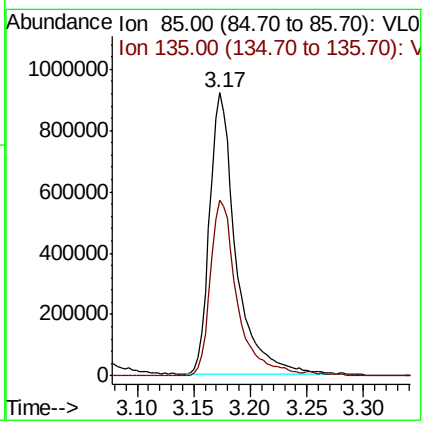


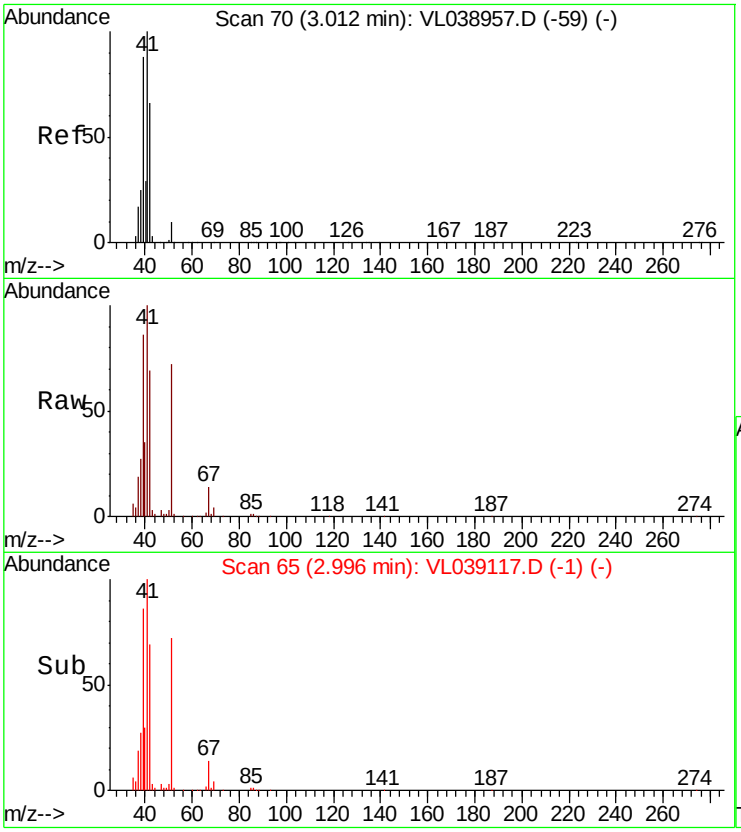


#8
Dichlorotetrafluoroethane
Concen: 10.045 ppbv
RT: 3.17 min Scan# 120
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 85 Resp: 1497860

Ion	Ratio	Lower	Upper
85	100		
135	65.0	53.6	80.4



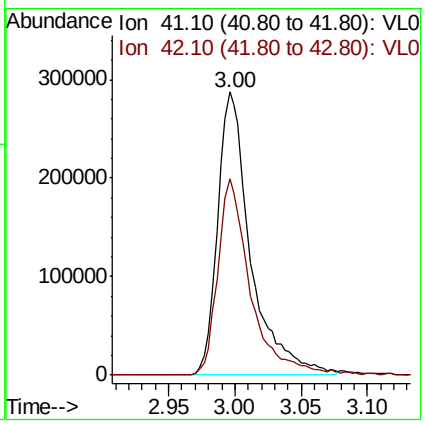


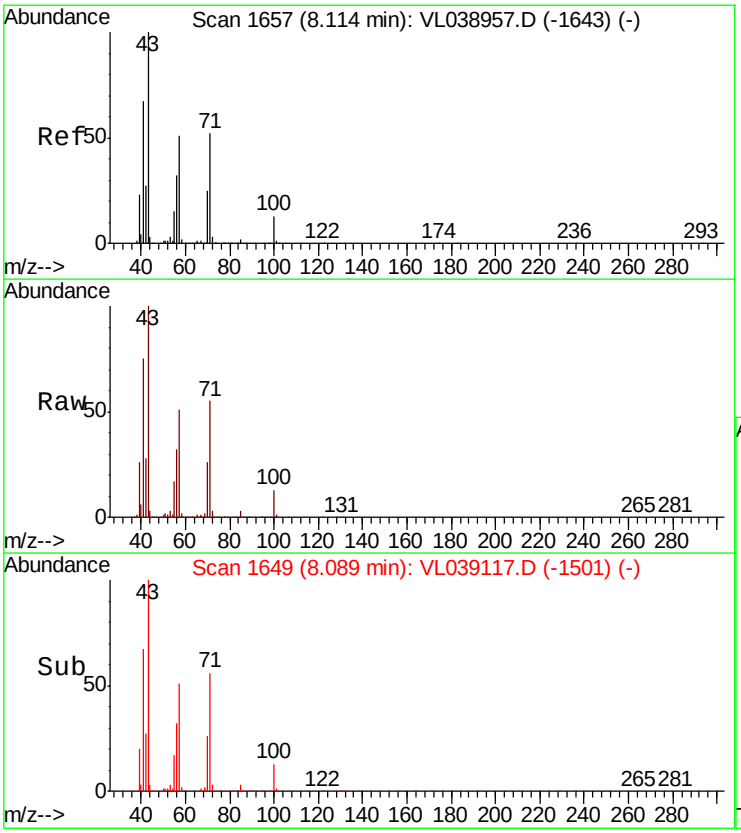
#9
Propene
Concen: 8.739 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 41 Resp: 497298

Ion	Ratio	Lower	Upper
41	100		
42	69.3	58.3	87.5

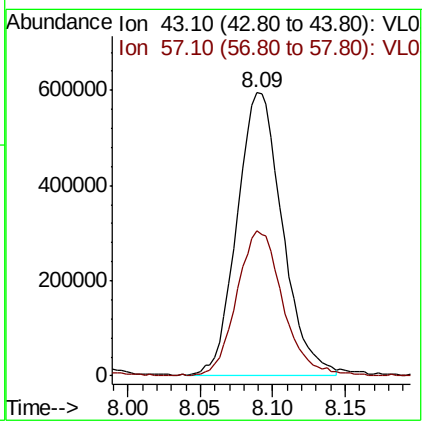


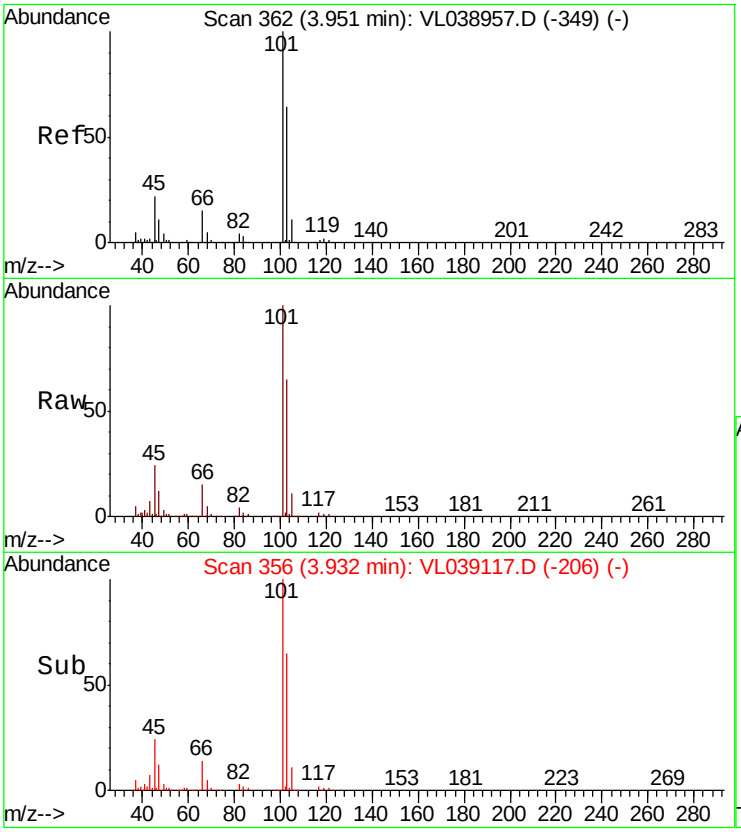


#10
Heptane
Concen: 9.222 ppbv
RT: 8.09 min Scan# 1649
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 43 Resp: 1287423

Ion	Ratio	Lower	Upper
43	100		
57	52.1	40.5	60.7



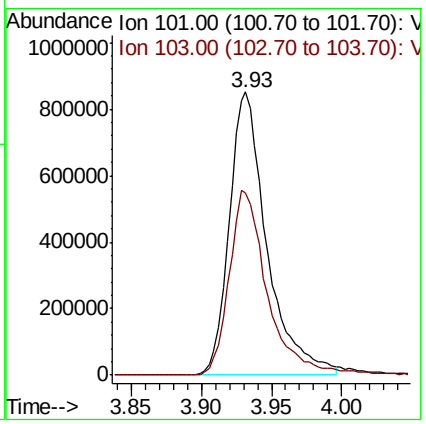


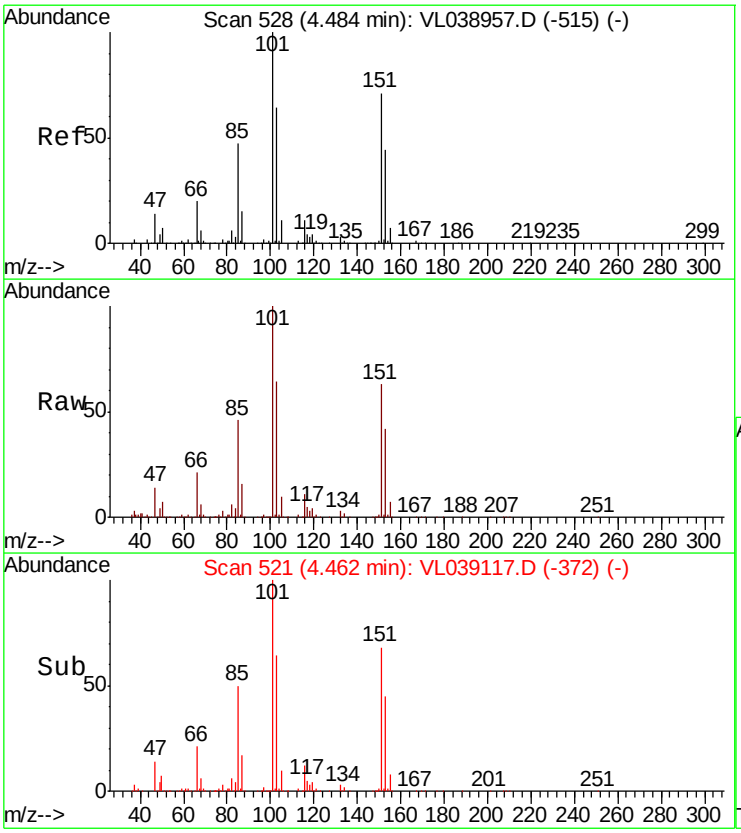
#11
Trichlorofluoromethane
Concen: 11.250 ppbv
RT: 3.93
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:101 Resp: 1588247

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.5	77.3

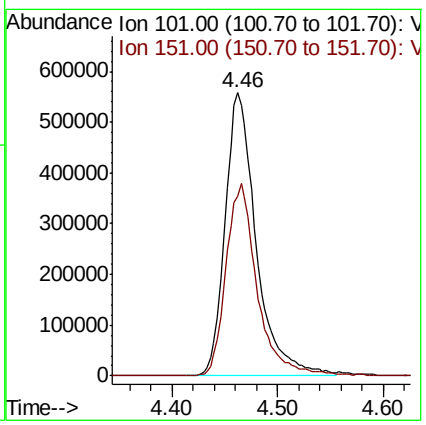


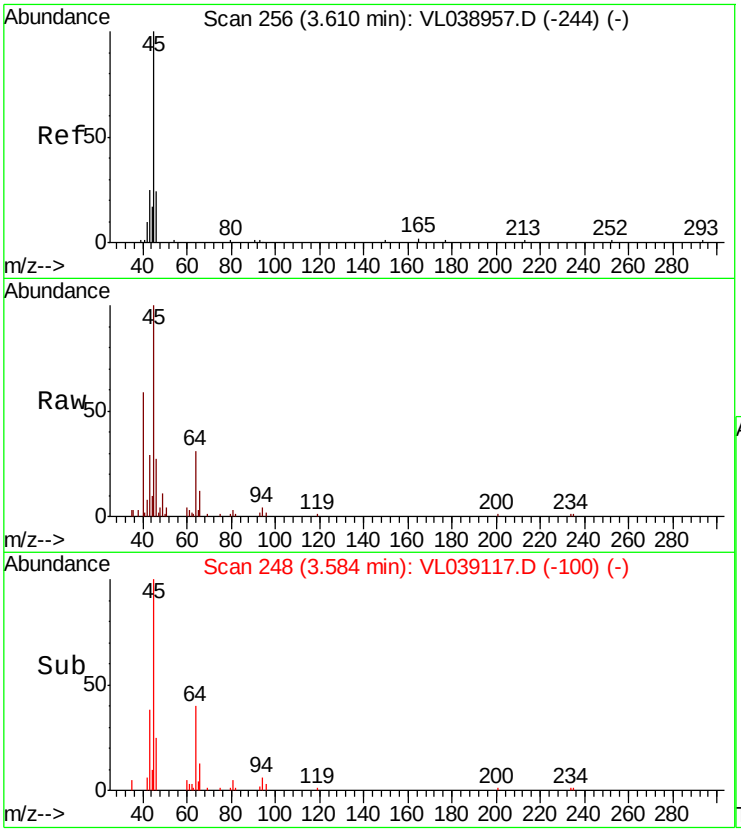


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.703 ppbv
RT: 4.46 min Scan# 521
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:101 Resp: 1138108

Ion	Ratio	Lower	Upper
101	100		
151	68.6	55.4	83.0



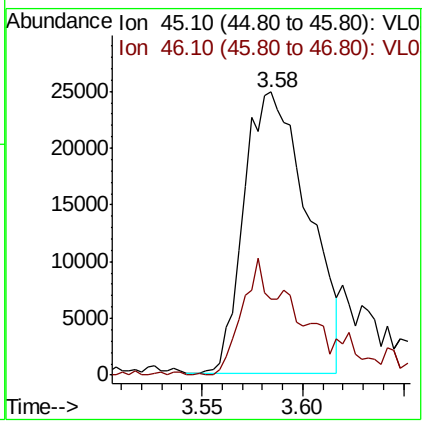


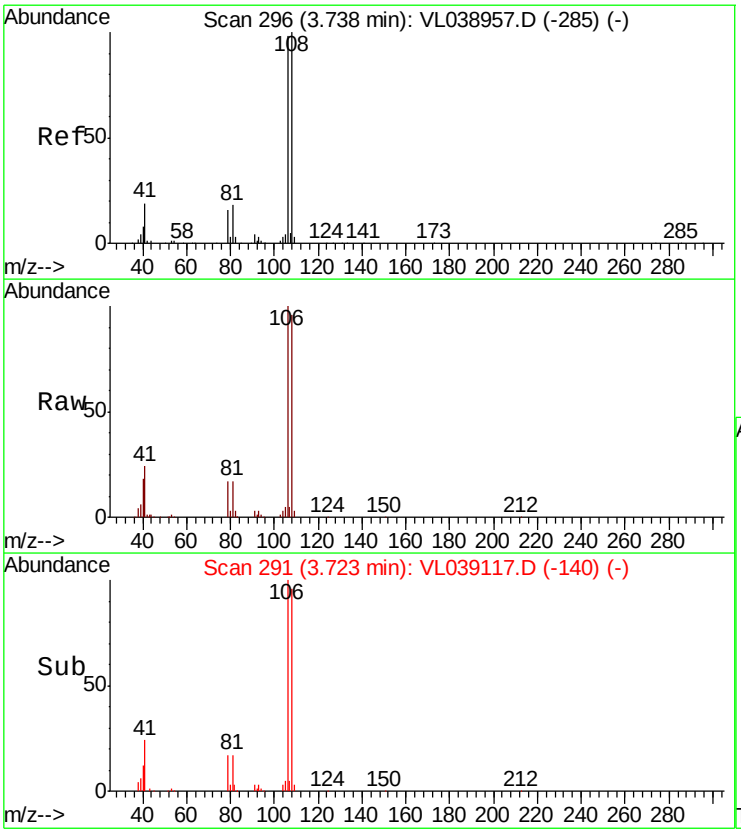
#13
Ethanol
Concen: 13.591 ppbv
RT: 3.58
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 45 Resp: 54731

Ion	Ratio	Lower	Upper
45	100		
46	42.0	18.0	72.2

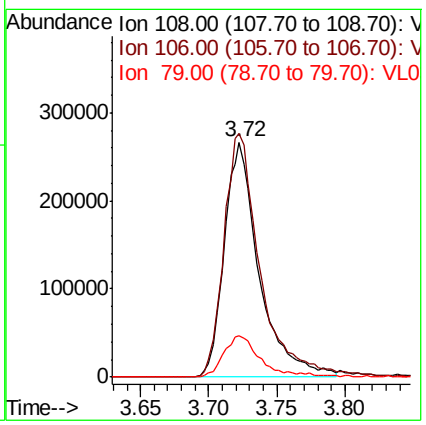


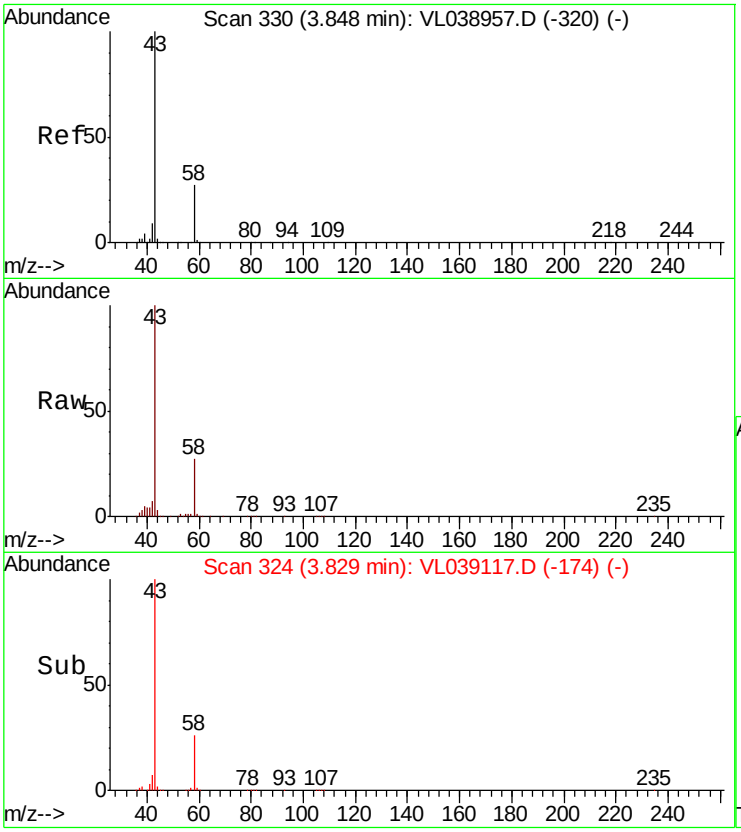


#14
Bromoethene
Concen: 11.810 ppbv
RT: 3.72 min Scan# 291
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:108 Resp: 473597

Ion	Ratio	Lower	Upper
108	100		
106	108.9	90.3	135.5
79	19.2	14.9	22.3



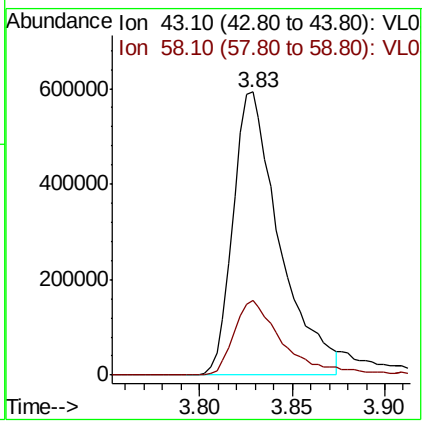


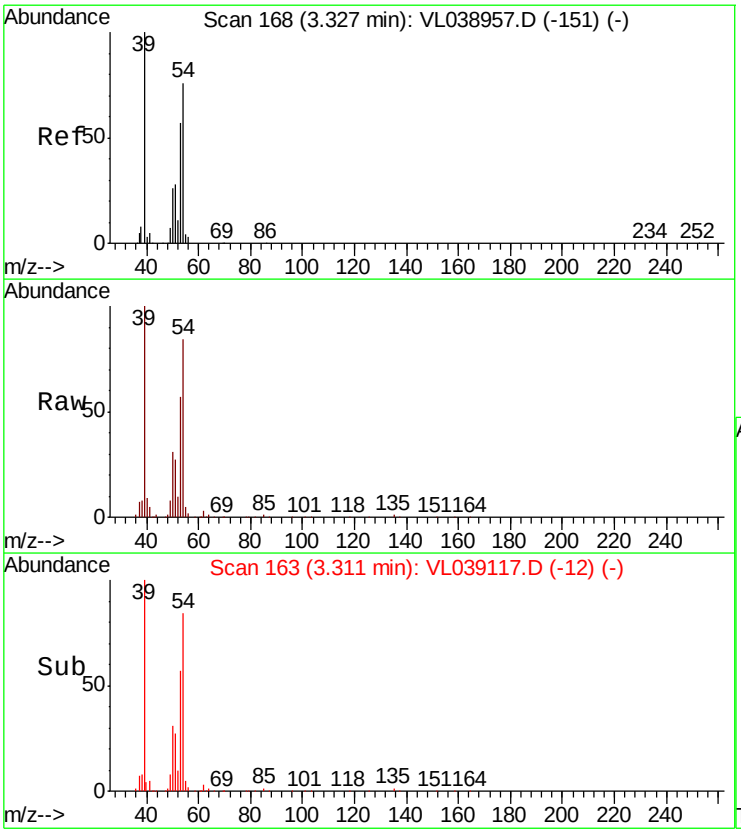
#15
Acetone
Concen: 10.460 ppbv
RT: 3.83
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 43 Resp: 1036193

Ion	Ratio	Lower	Upper
43	100		
58	28.6	21.3	31.9

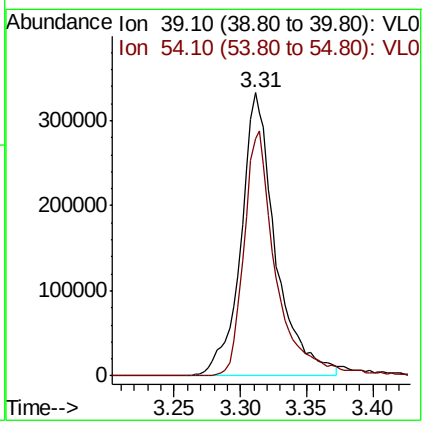


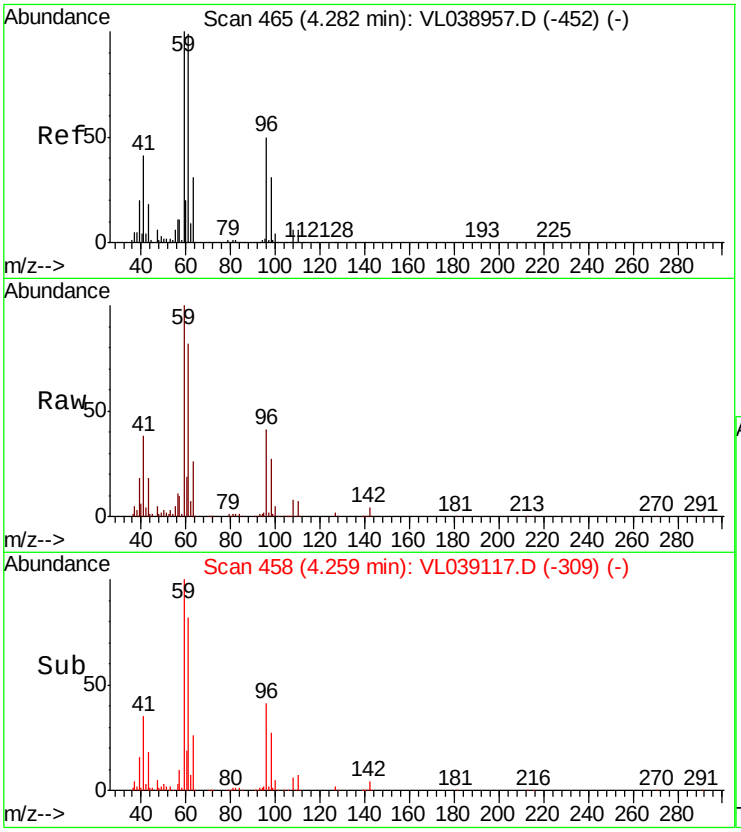


#16
1,3-Butadiene
Concen: 10.620 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 39 Resp: 604420

Ion	Ratio	Lower	Upper
39	100		
54	80.6	65.2	97.8



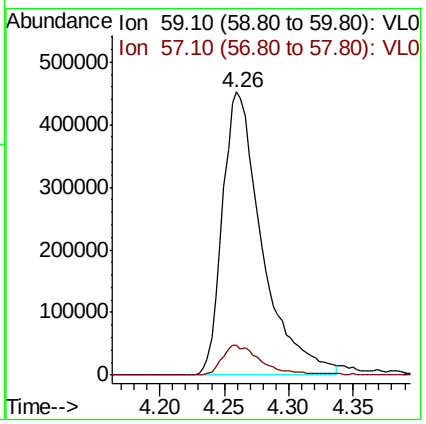


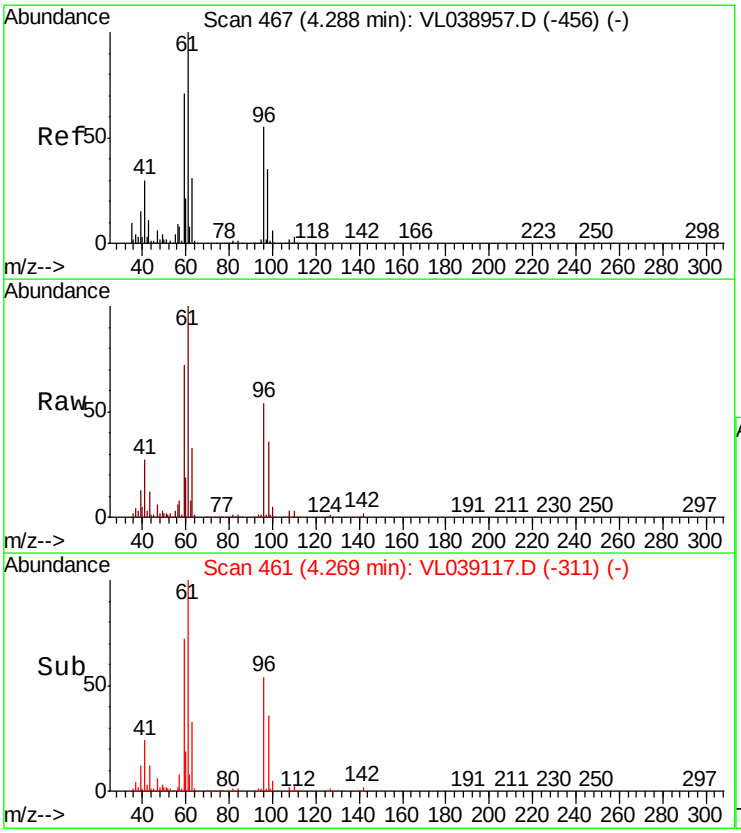
#17
tert-Butyl alcohol
Concen: 12.696 ppbv
RT: 4.26
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 59 Resp: 966637

Ion	Ratio	Lower	Upper
59	100		
57	11.0	9.2	13.8

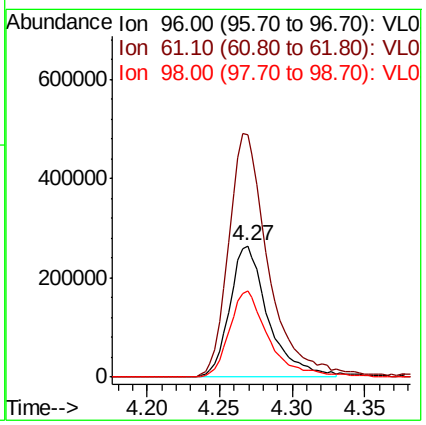


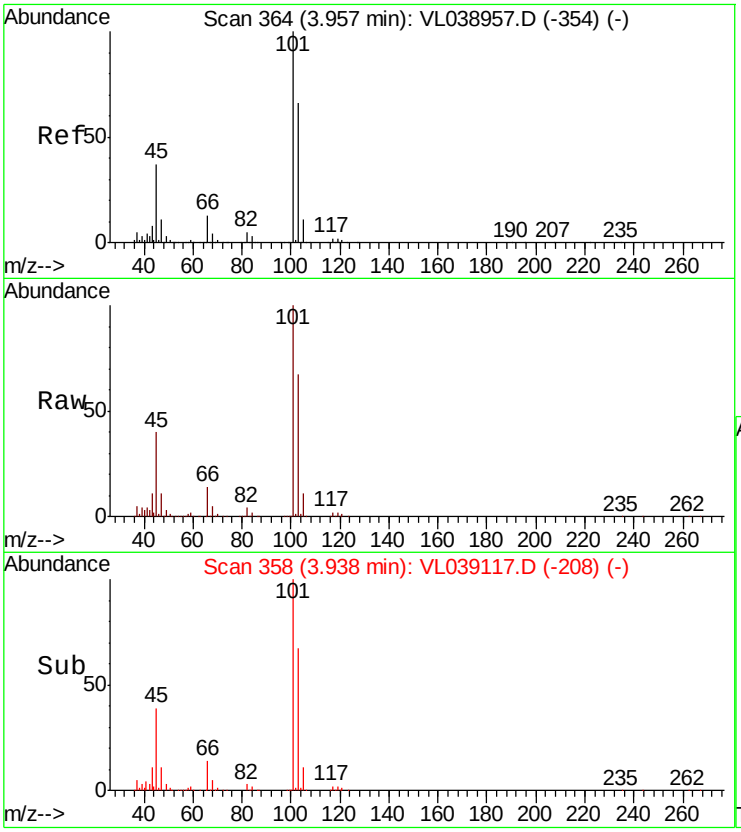


#18
1,1-Dichloroethene
Concen: 11.676 ppbv
RT: 4.27 min Scan# 461
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 96 Resp: 488704

Ion	Ratio	Lower	Upper
96	100		
61	184.5	146.3	219.5
98	65.5	50.6	75.8



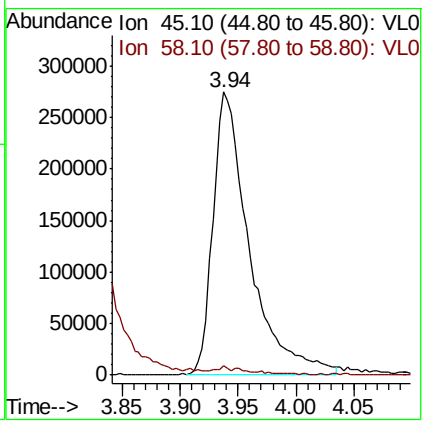


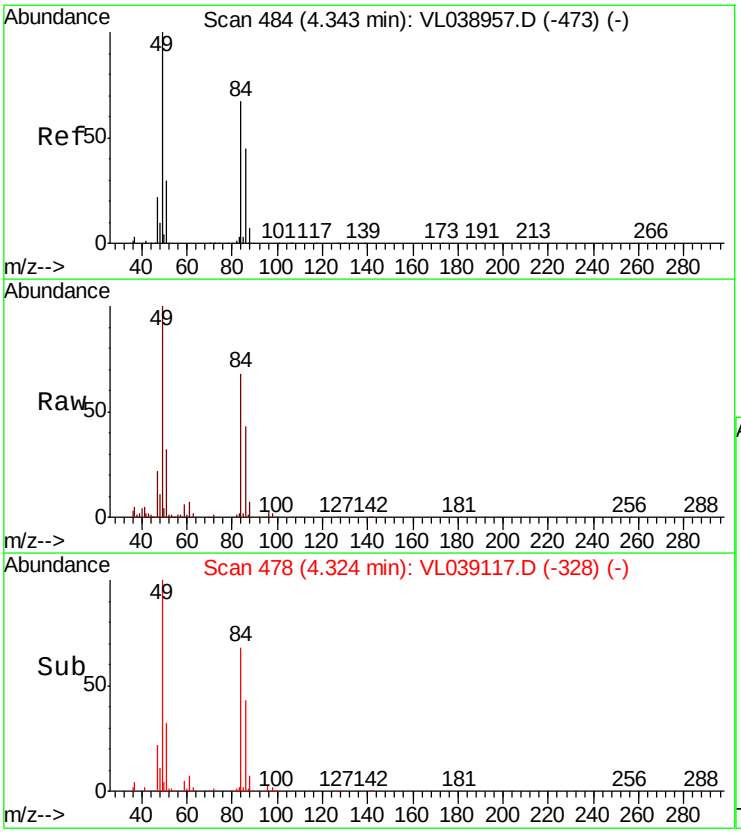
#19
Isopropyl Alcohol
Concen: 12.714 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 45 Resp: 598814

Ion	Ratio	Lower	Upper
45	100		
58	2.3	1.4	2.2#

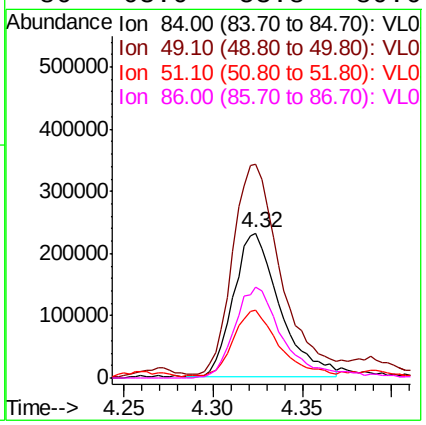


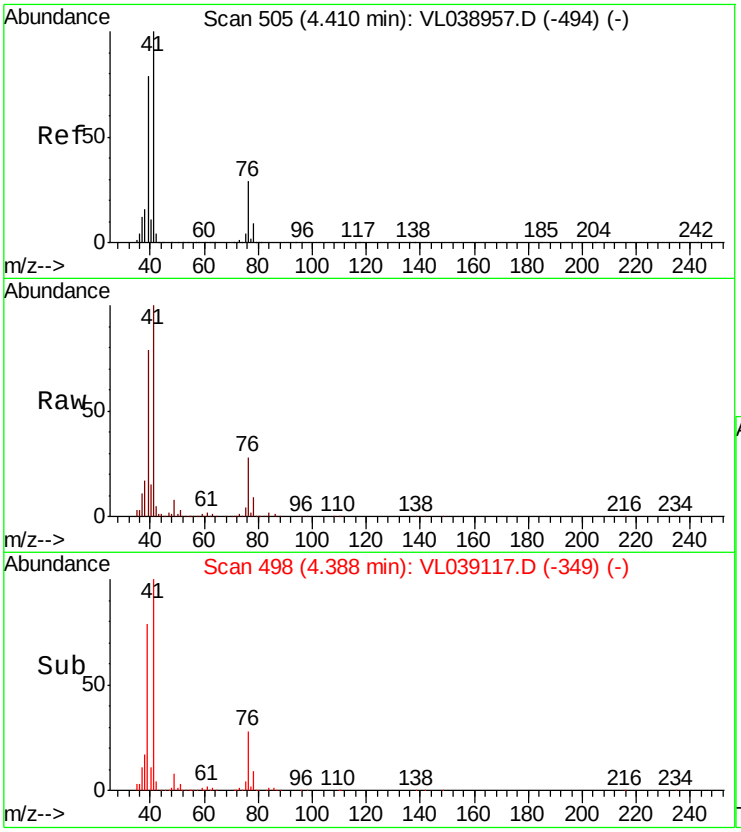


#20
Methylene Chloride
Concen: 11.314 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 84 Resp: 422414

Ion	Ratio	Lower	Upper
84	100		
49	145.1	119.9	179.9
51	45.3	35.7	53.5
86	63.0	53.8	80.6



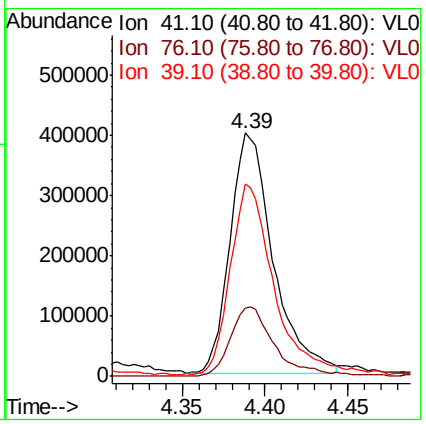


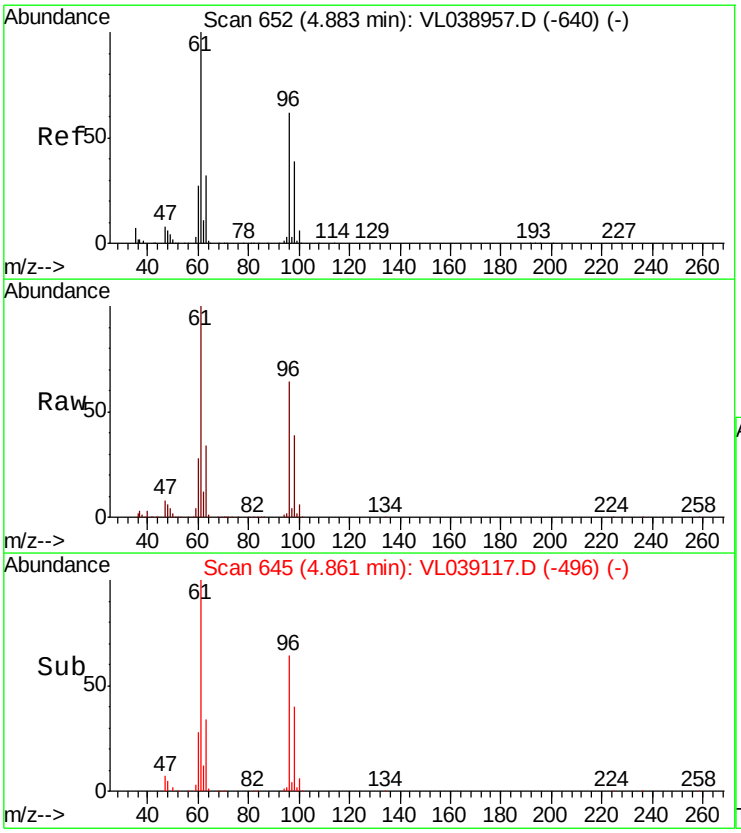
#21
Allyl Chloride
Concen: 10.729 ppbv
RT: 4.39
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 41 Resp: 724243

Ion	Ratio	Lower	Upper
41	100		
76	29.7	24.2	36.4
39	81.4	63.8	95.8

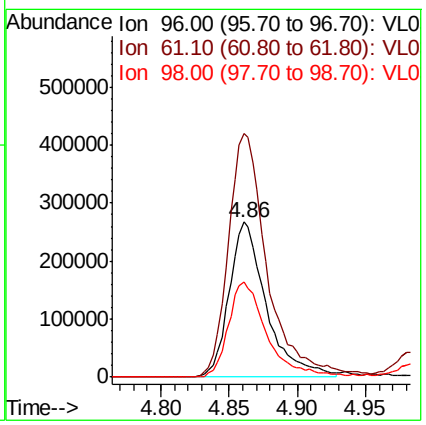


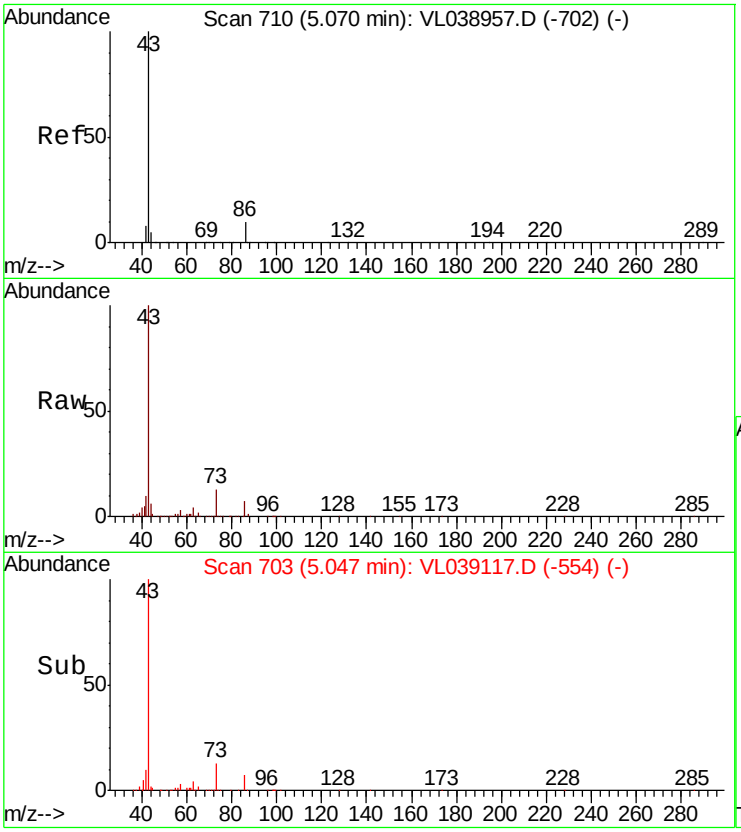


#22
trans-1,2-Dichloroethene
Concen: 11.183 ppbv
RT: 4.86 min Scan# 645
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 96 Resp: 505595

Ion	Ratio	Lower	Upper
96	100		
61	156.9	128.2	192.2
98	61.6	50.1	75.1



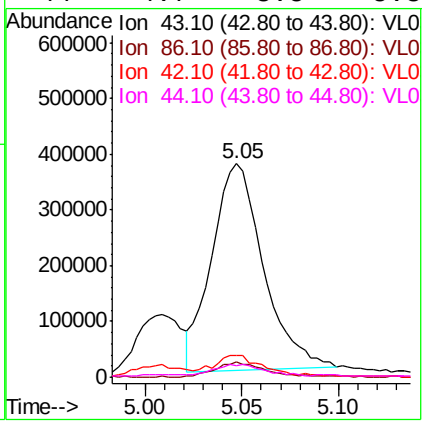


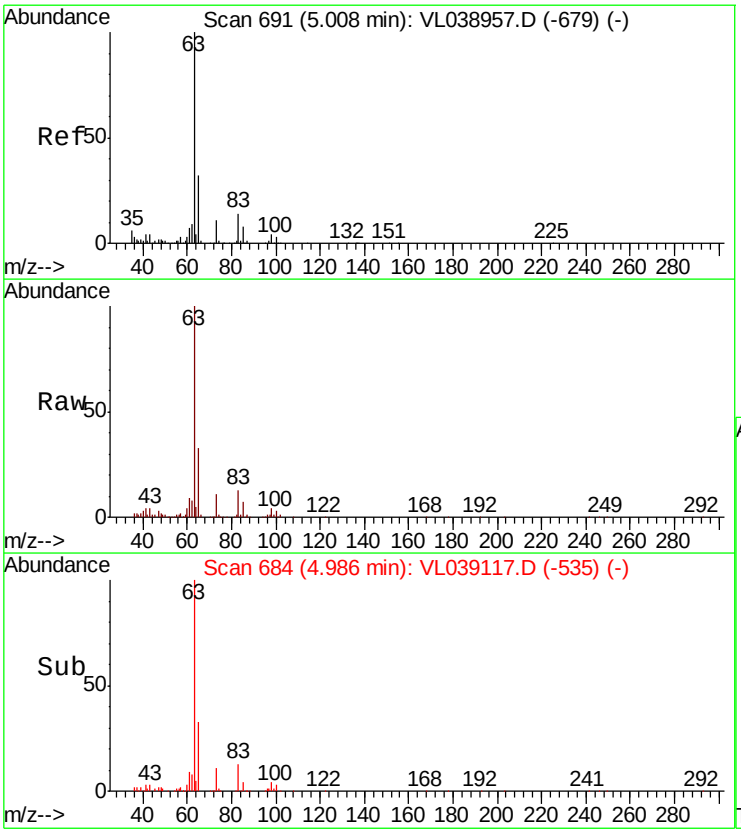
#23
Vinyl Acetate
Concen: 8.824 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 43 Resp: 691626

Ion	Ratio	Lower	Upper
43	100		
86	6.9	6.6	9.8
42	9.9	8.1	12.1
44	4.7	3.5	5.3

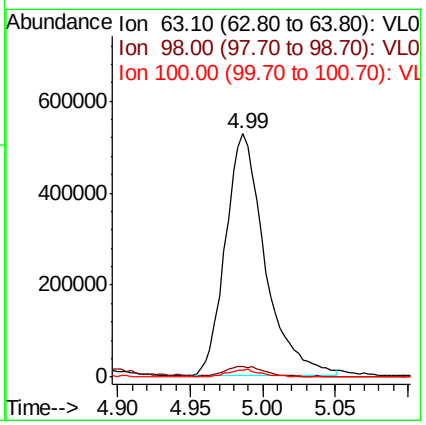


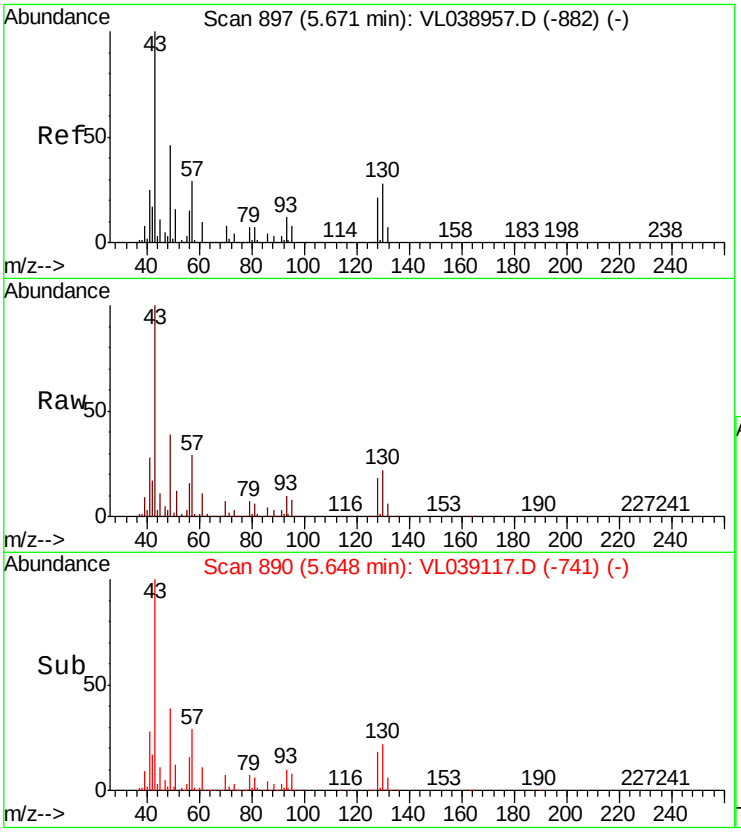


#24
1,1-Dichloroethane
Concen: 11.076 ppbv
RT: 4.99 min Scan# 684
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 63 Resp: 999659

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.2
100	2.9	1.4	4.2



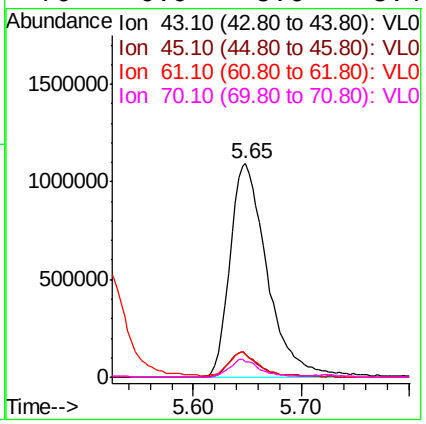


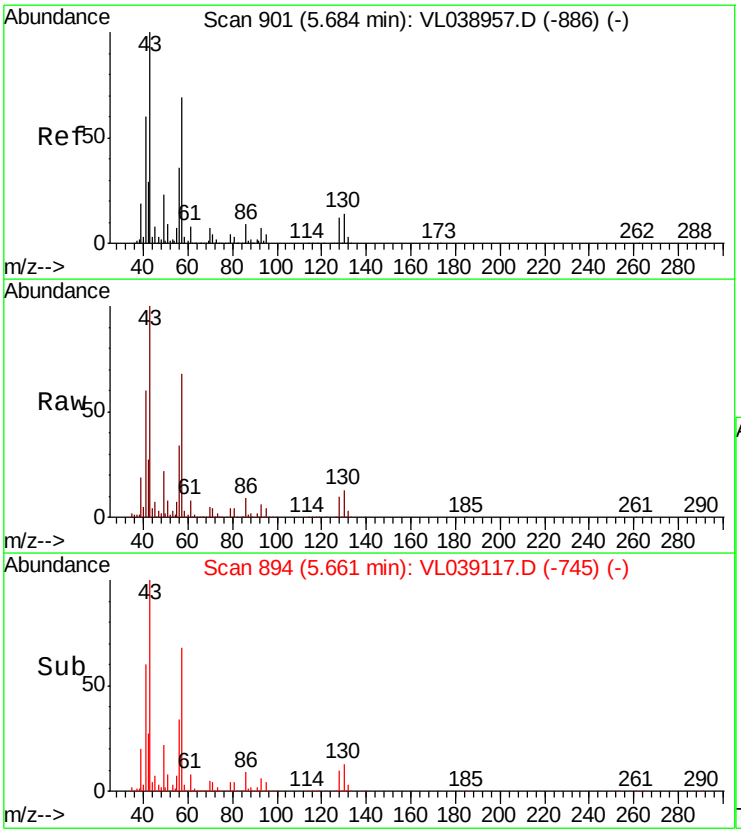
#25
Ethyl Acetate
Concen: 10.993 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument : MSVOA_L
ClientSampleId : VL0525ABS01

Tgt Ion: 43 Resp: 2606285

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.1	12.1
61	10.4	7.8	11.6
70	6.9	5.6	8.4

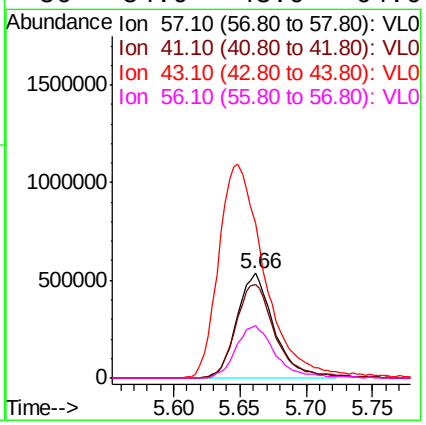


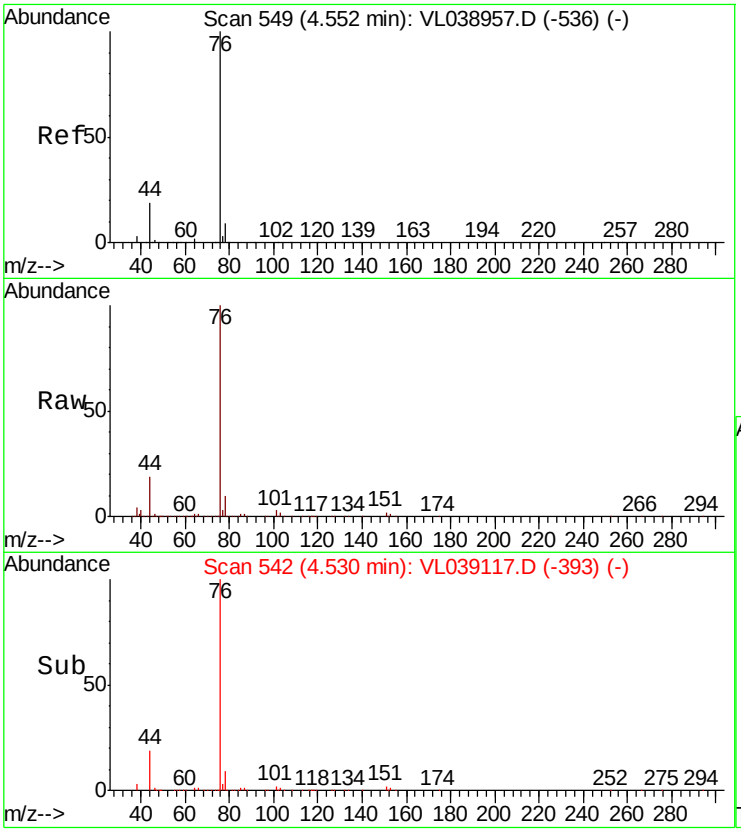


#26
Hexane
Concen: 9.876 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 57 Resp: 1040434

Ion	Ratio	Lower	Upper
57	100		
41	97.3	75.2	112.8
43	255.6	190.8	286.2
56	54.0	43.0	64.6



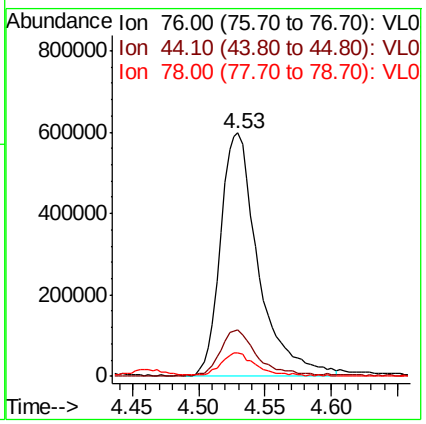


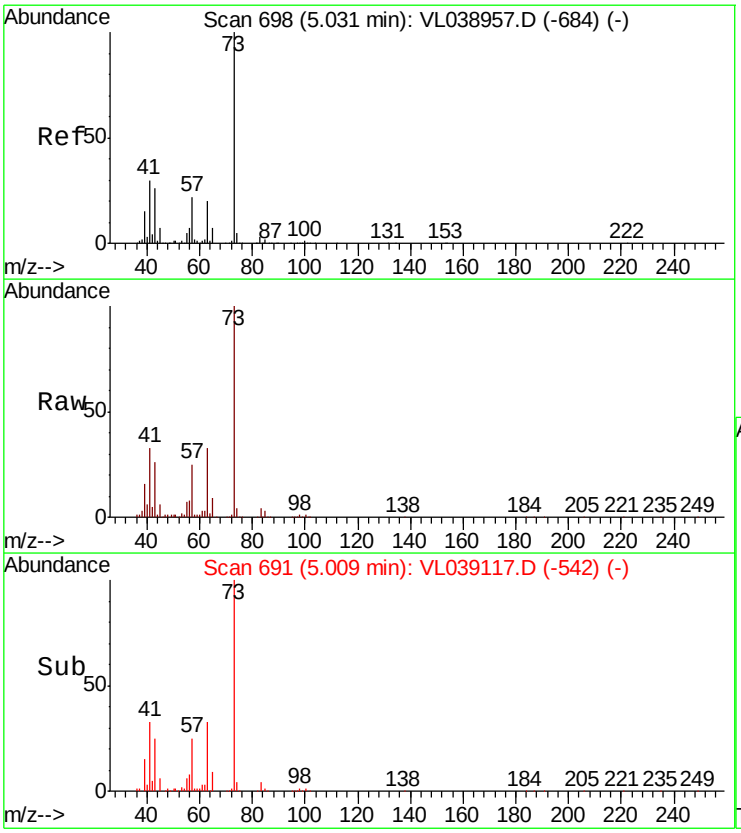
#27
Carbon Disulfide
Concen: 11.783 ppbv
RT: 4.53
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 76 Resp: 1179182

Ion	Ratio	Lower	Upper
76	100		
44	19.1	15.3	22.9
78	9.6	8.2	12.2

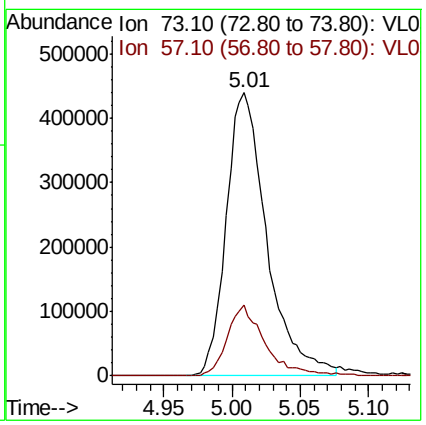


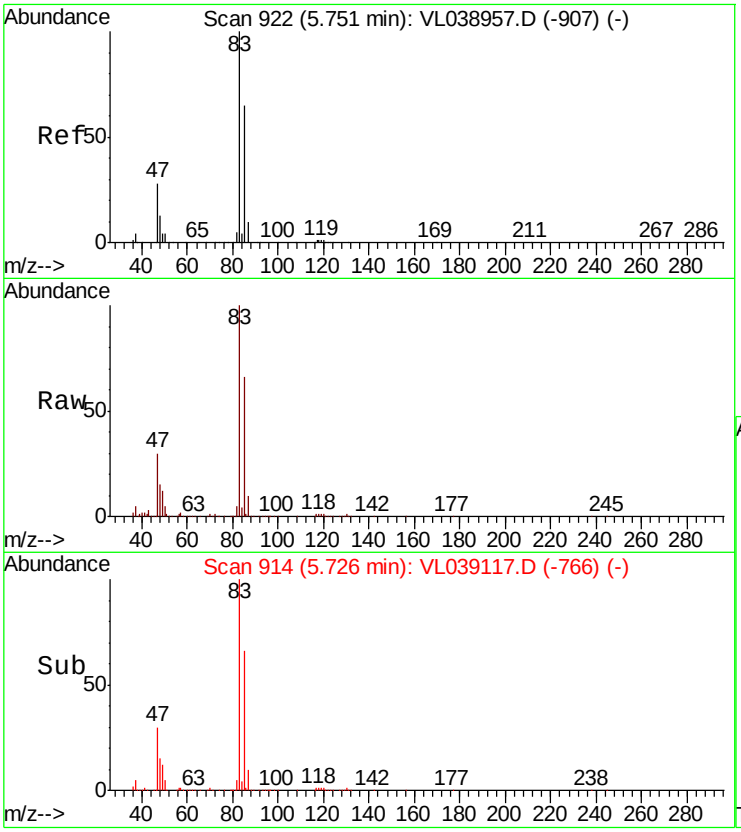


#28
Methyl tert-Butyl Ether
Concen: 11.365 ppbv
RT: 5.01 min Scan# 691
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 73 Resp: 910941

Ion	Ratio	Lower	Upper
73	100		
57	23.8	18.8	28.2



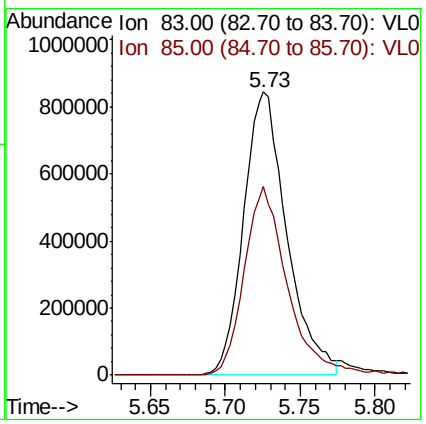


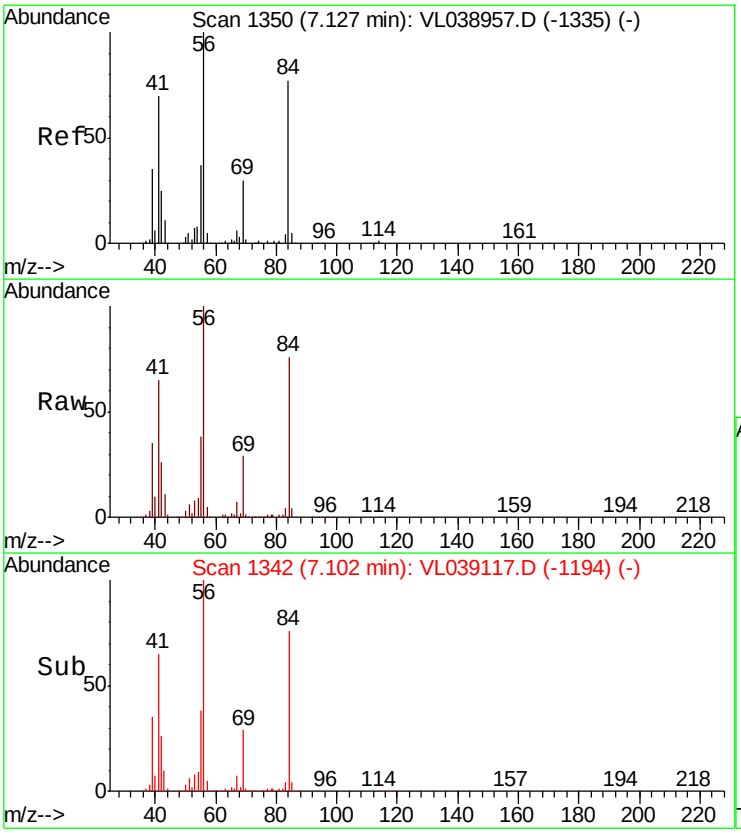
#29
Chloroform
Concen: 9.964 ppbv
RT: 5.73
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 83 Resp: 1698273

Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.8	77.6

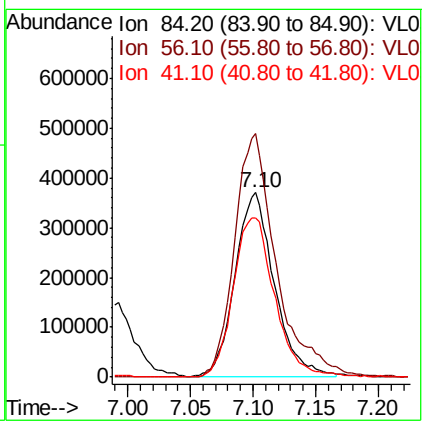


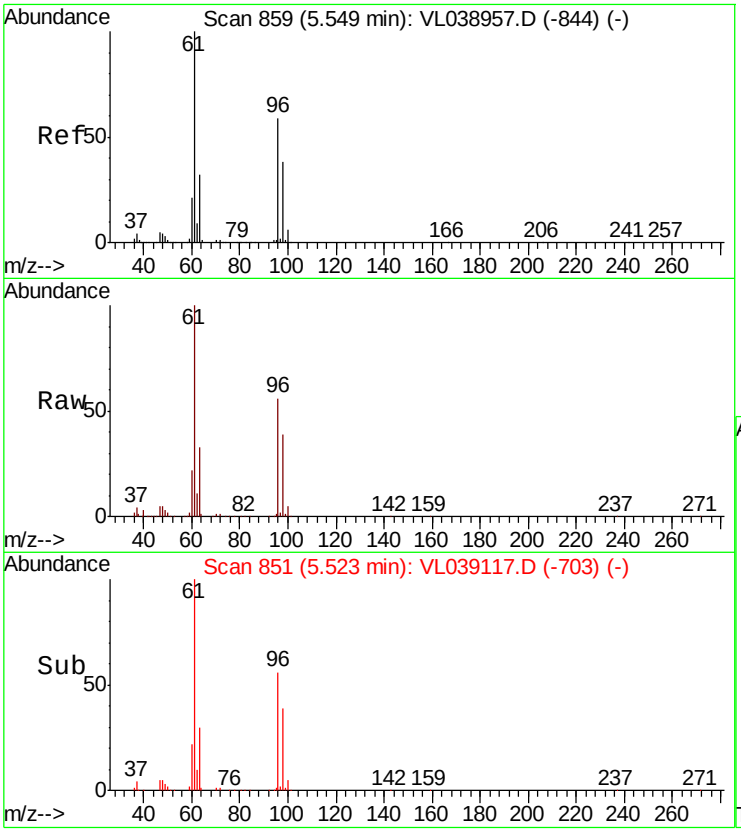


#30
Cyclohexane
Concen: 9.217 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 84 Resp: 812926

Ion	Ratio	Lower	Upper
84	100		
56	140.4	115.3	172.9
41	91.2	72.0	108.0



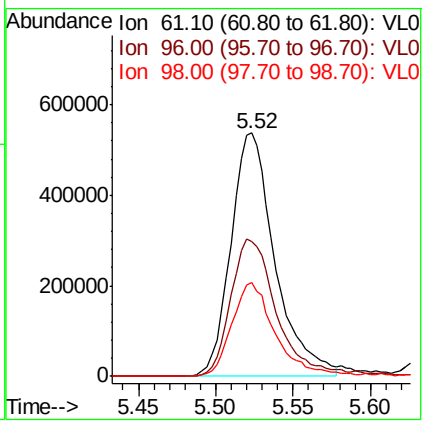


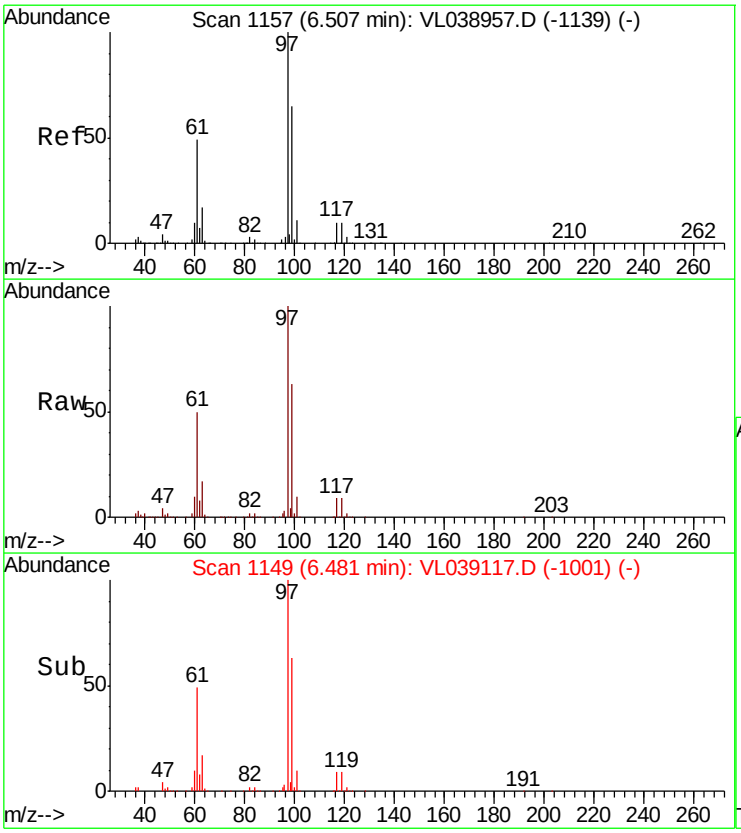
#31
cis-1,2-Dichloroethene
Concen: 9.877 ppbv
RT: 5.52
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 61 Resp: 1060037

Ion	Ratio	Lower	Upper
61	100		
96	55.4	47.4	71.0
98	38.5	30.6	45.8

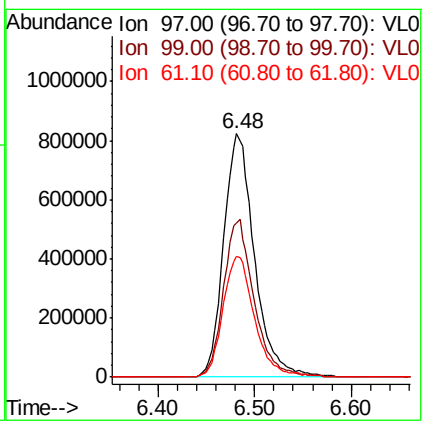


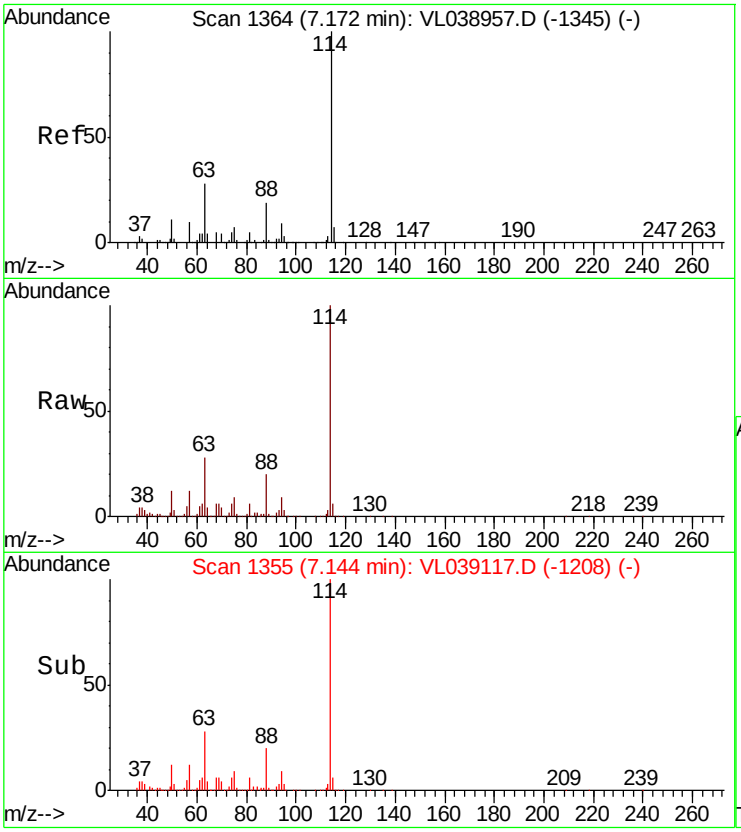


#32
1,1,1-Trichloroethane
Concen: 10.708 ppbv
RT: 6.48 min Scan# 1149
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 97 Resp: 1824800

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.9	77.9
61	50.8	40.9	61.3



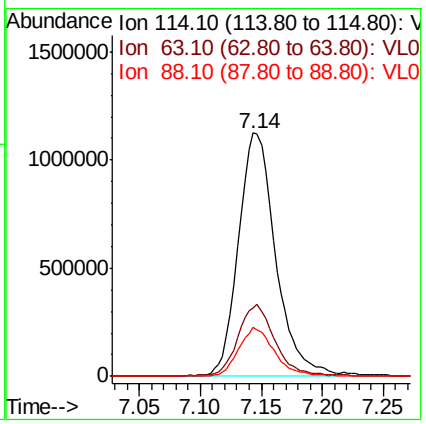


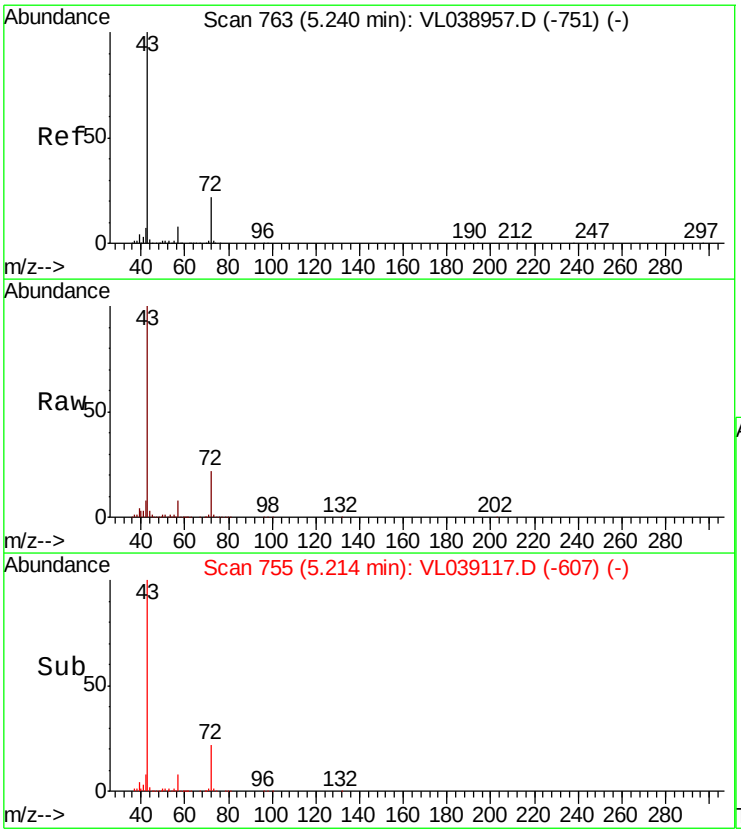
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:114 Resp: 2364550

Ion	Ratio	Lower	Upper
114	100		
63	29.8	22.6	33.8
88	19.6	15.4	23.0

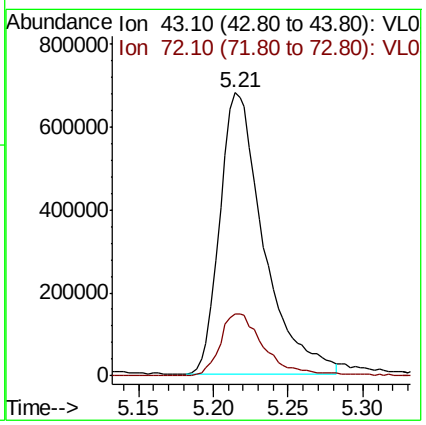


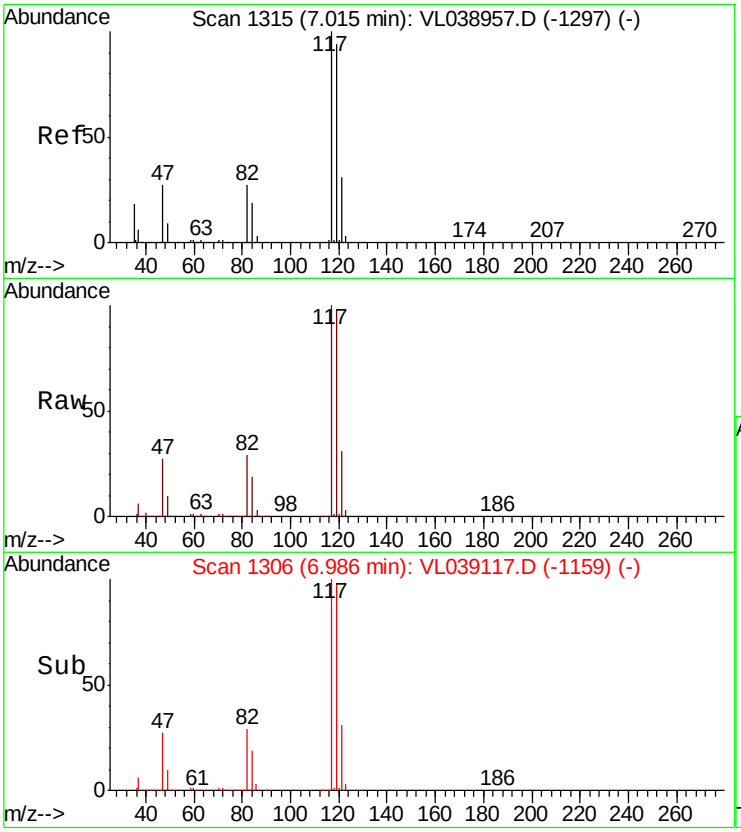


#34
2-Butanone
Concen: 11.477 ppbv
RT: 5.21 min Scan# 755
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 43 Resp: 1384540

Ion	Ratio	Lower	Upper
43	100		
72	23.0	17.8	26.6



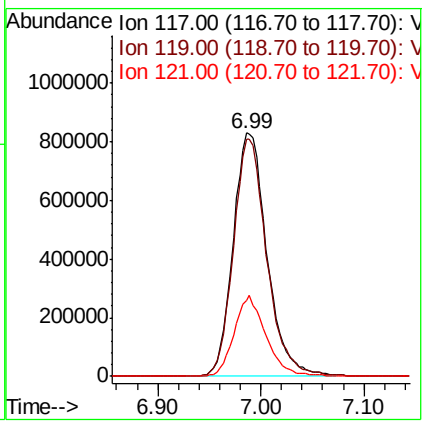


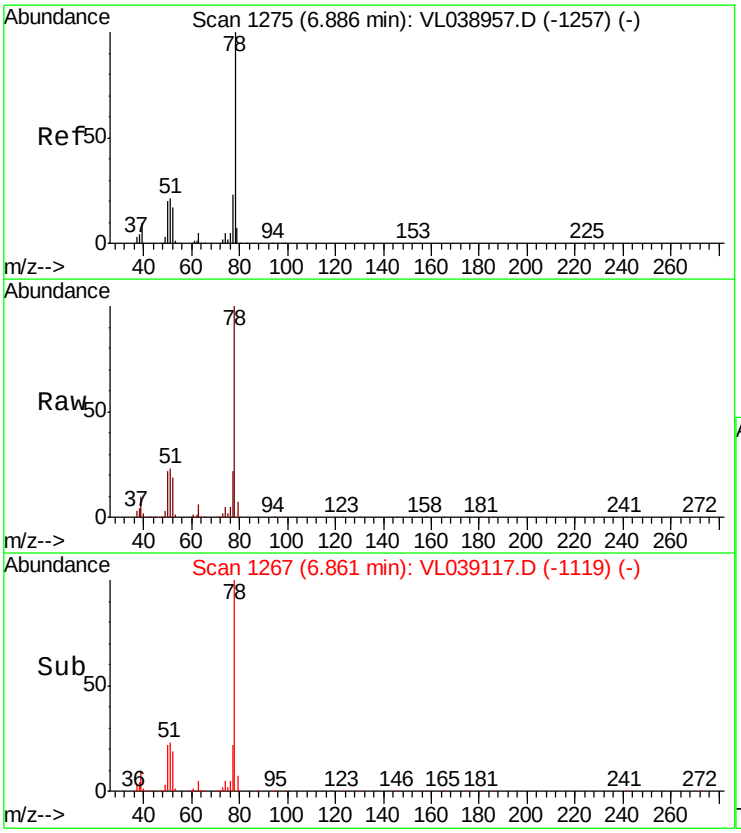
#35
Carbon Tetrachloride
Concen: 12.174 ppbv
RT: 6.99
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:117 Resp: 1896684

Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.2	112.8
121	31.3	24.6	37.0

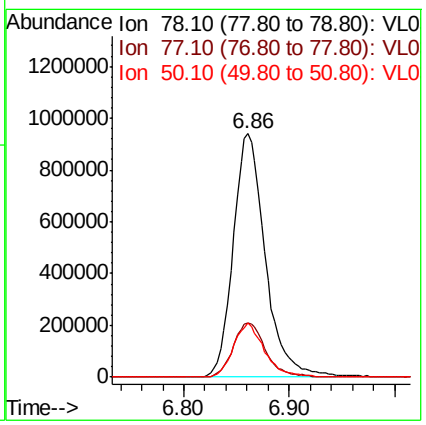


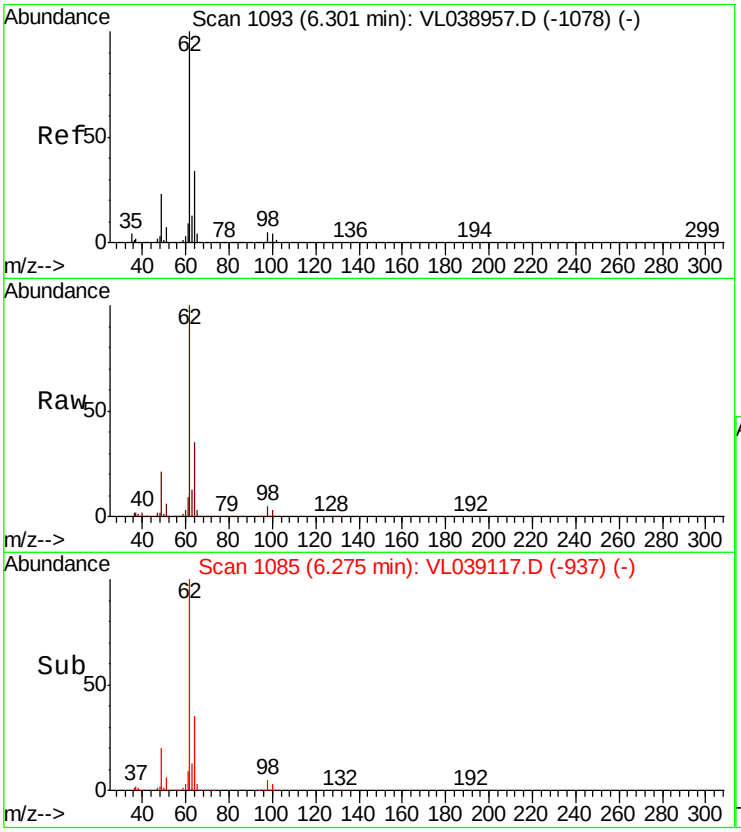


#36
Benzene
Concen: 9.790 ppbv
RT: 6.86 min Scan# 1267
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 78 Resp: 1980974

Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.6	28.0
50	22.0	15.6	23.4



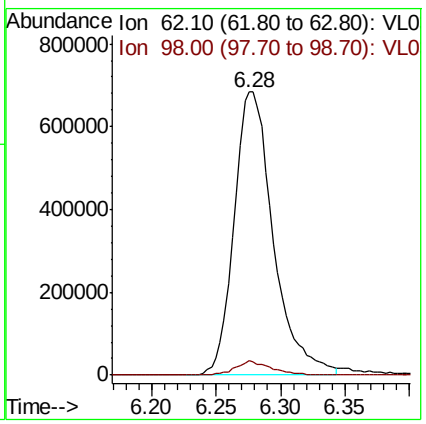


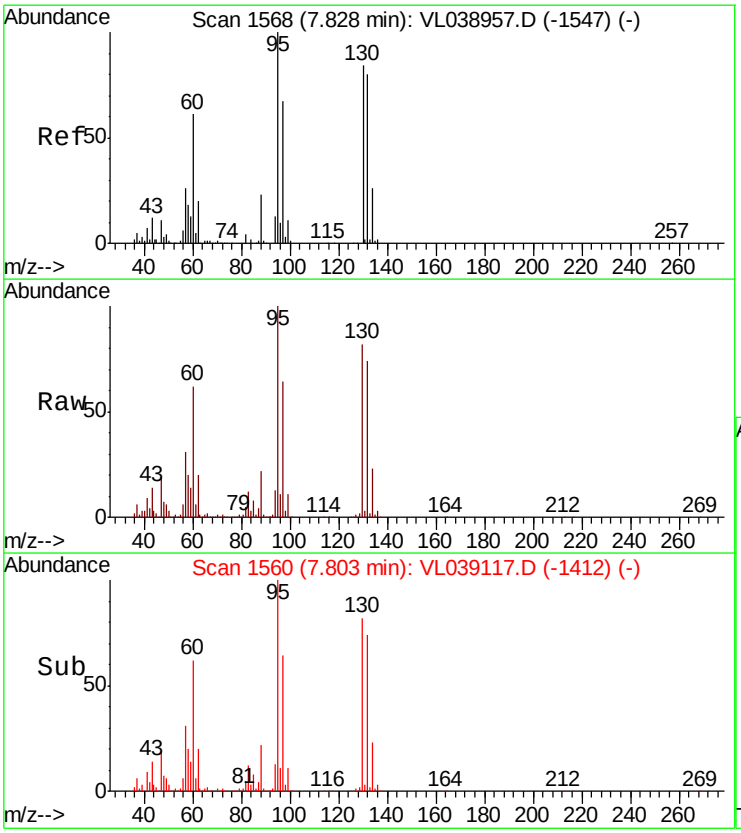
#37
1,2-Dichloroethane
Concen: 11.556 ppbv
RT: 6.28
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 62 Resp: 1446808

Ion	Ratio	Lower	Upper
62	100		
98	4.7	4.5	6.7

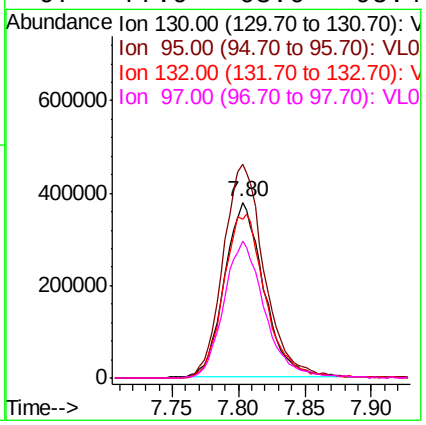


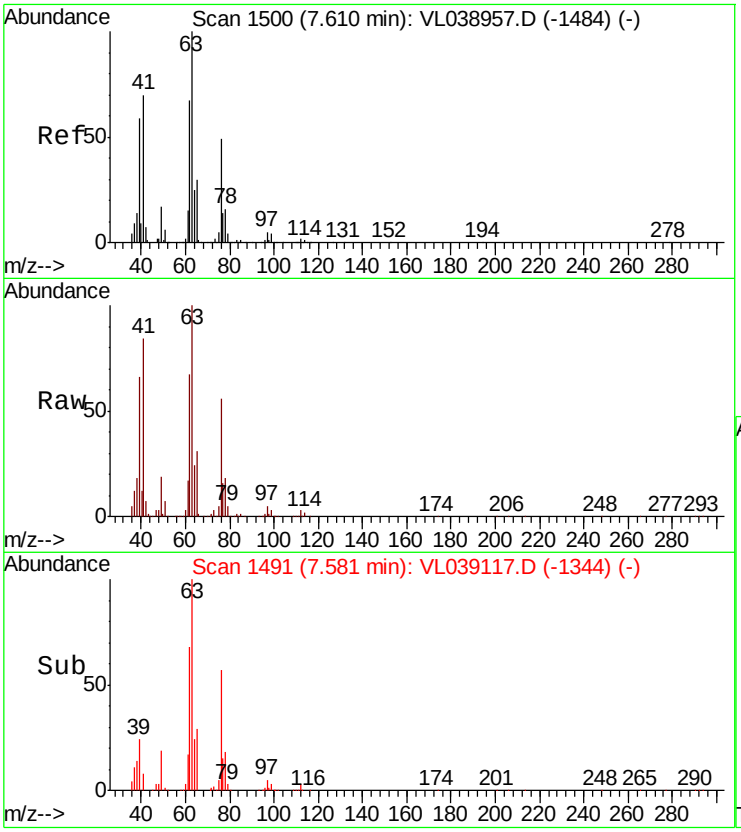


#38
Trichloroethene
Concen: 8.619 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:130 Resp: 775342

Ion	Ratio	Lower	Upper
130	100		
95	121.7	94.8	142.2
132	90.7	75.8	113.8
97	77.9	63.6	95.4



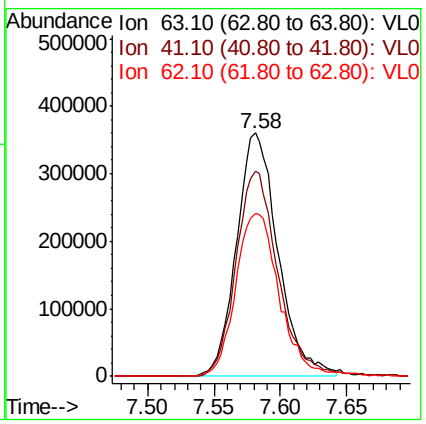


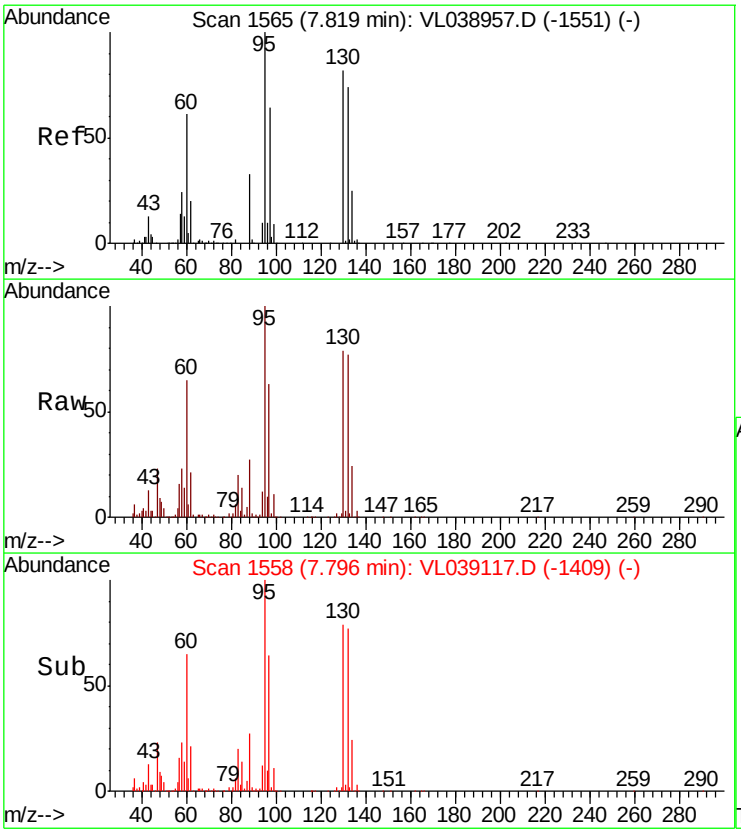
#39
1,2-Dichloropropane
Concen: 9.978 ppbv
RT: 7.58
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 63 Resp: 785630

Ion	Ratio	Lower	Upper
63	100		
41	84.1	55.9	83.9#
62	66.9	53.8	80.6

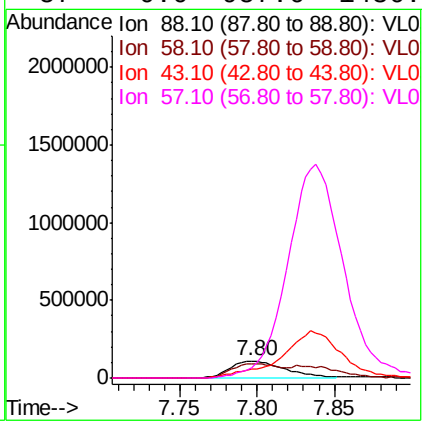


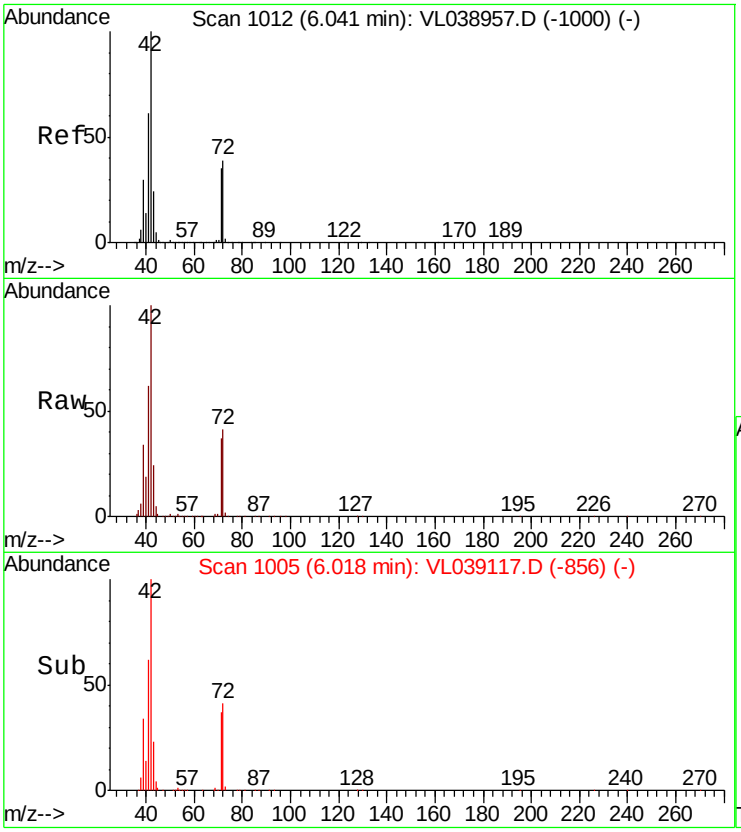


#40
1,4-Dioxane
Concen: 9.360 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 88 Resp: 264691

Ion	Ratio	Lower	Upper
88	100		
58	141.3	106.1	159.1
43	0.0	222.9	334.3#
57	0.0	957.6	1436.4#



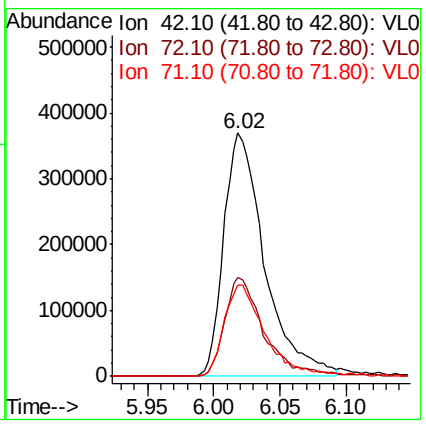


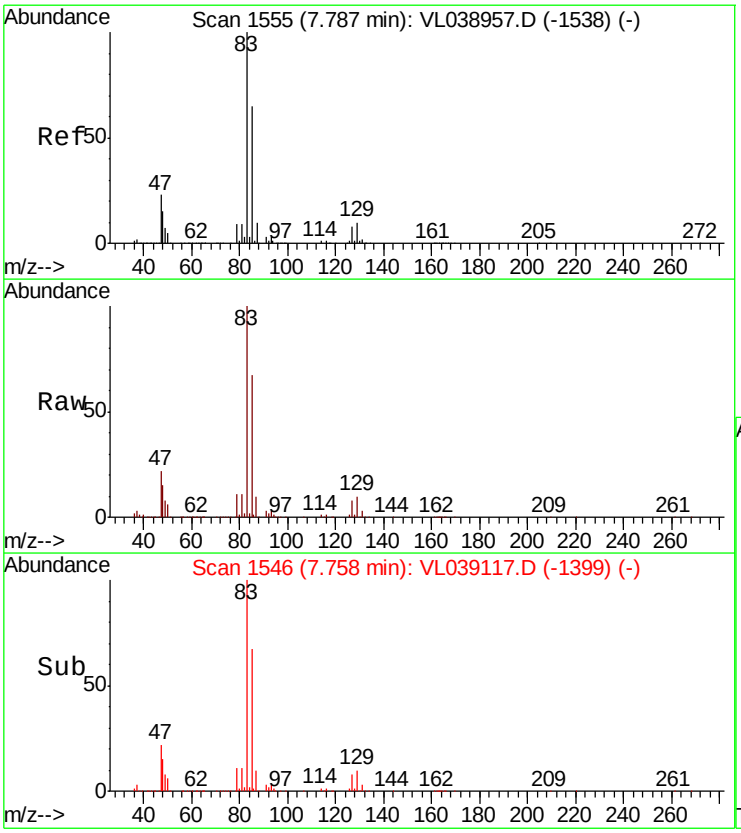
#41
Tetrahydrofuran
Concen: 9.764 ppbv
RT: 6.02
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 42 Resp: 791623

Ion	Ratio	Lower	Upper
42	100		
72	39.7	31.8	47.6
71	38.3	30.6	45.8

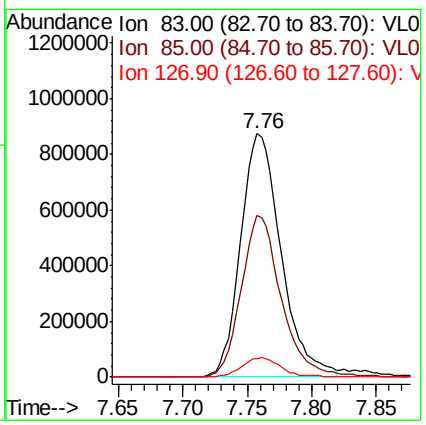


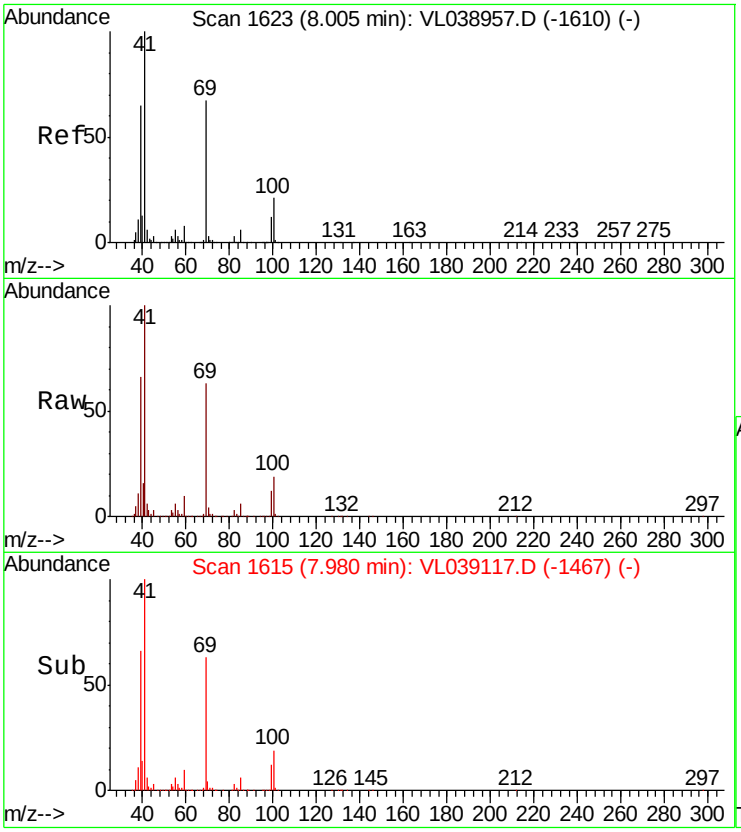


#42
Bromodichloromethane
Concen: 11.195 ppbv
RT: 7.76 min Scan# 1546
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 83 Resp: 1916266

Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.0	78.0
127	7.6	6.0	9.0



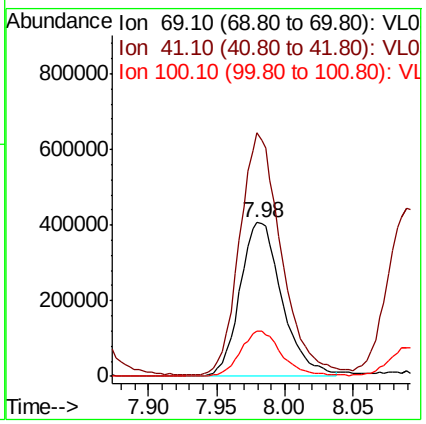


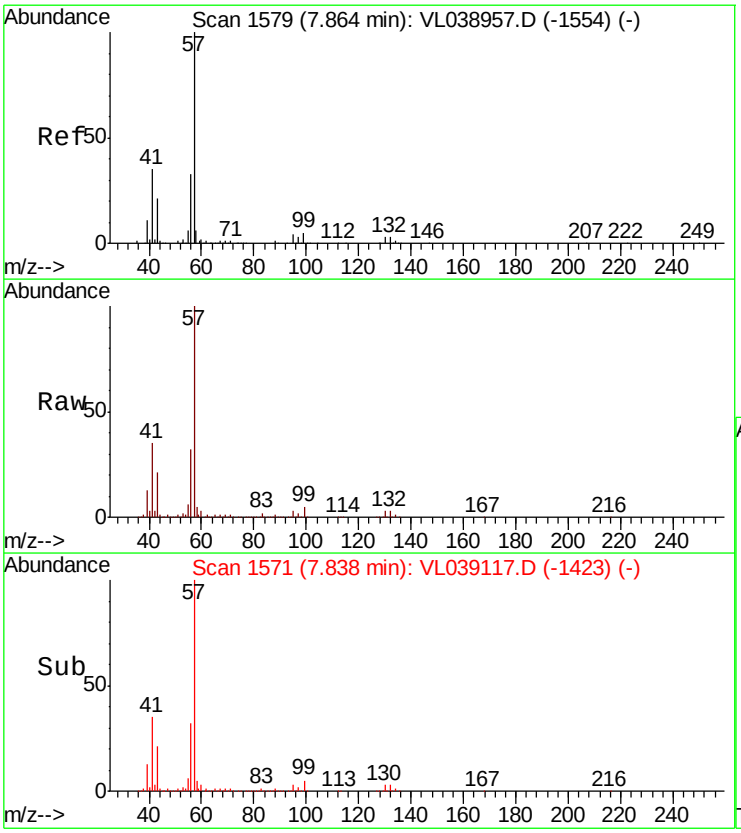
#43
Methyl Methacrylate
Concen: 10.577 ppbv
RT: 7.98
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 69 Resp: 868860

Ion	Ratio	Lower	Upper
69	100		
41	158.6	121.9	182.9
100	29.2	24.6	36.8

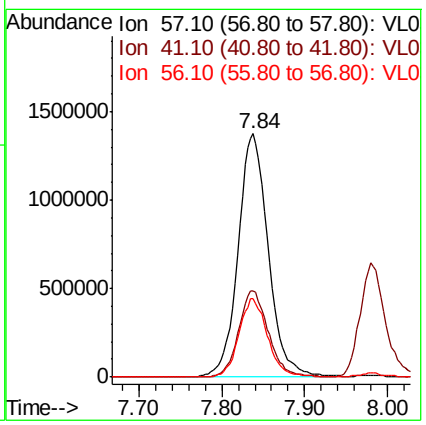


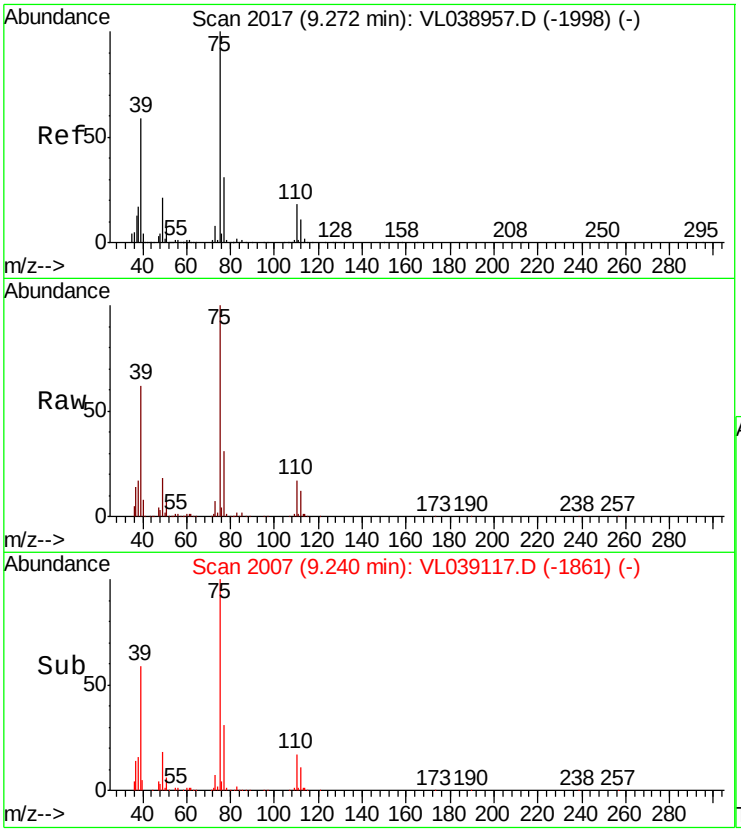


#44
2,2,4-Trimethylpentane
Concen: 9.796 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 57 Resp: 3478164

Ion	Ratio	Lower	Upper
57	100		
41	34.8	26.3	39.5
56	30.8	24.6	37.0



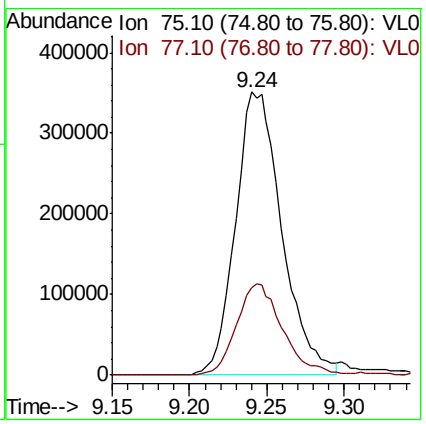


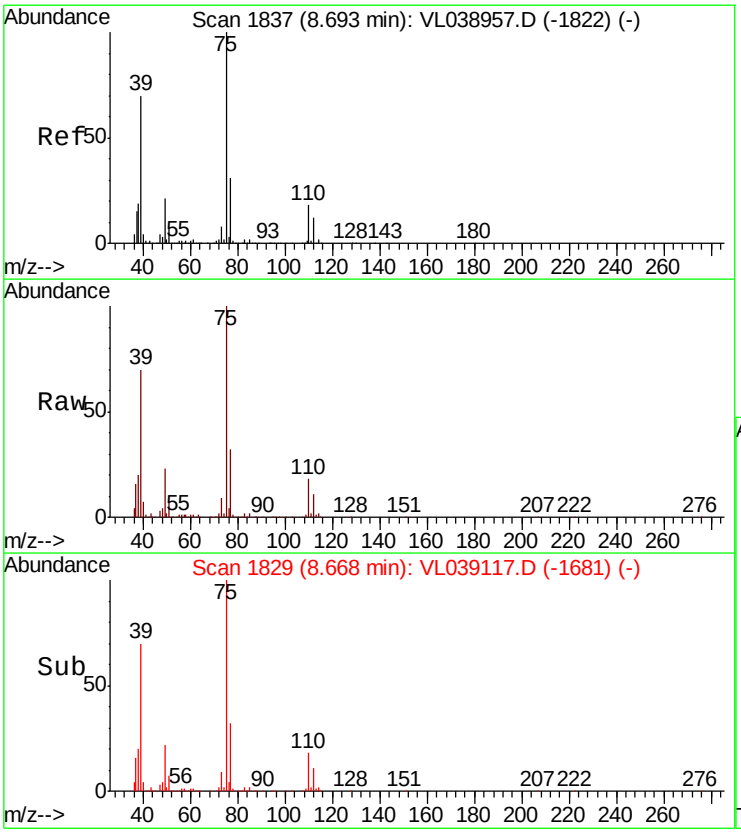
#45
t-1,3-Dichloropropene
Concen: 9.174 ppbv
RT: 9.24
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 75 Resp: 729535

Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.6	37.0

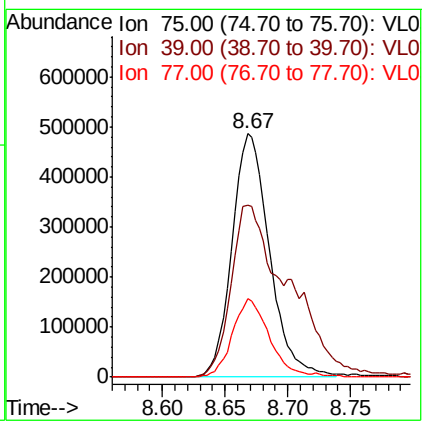


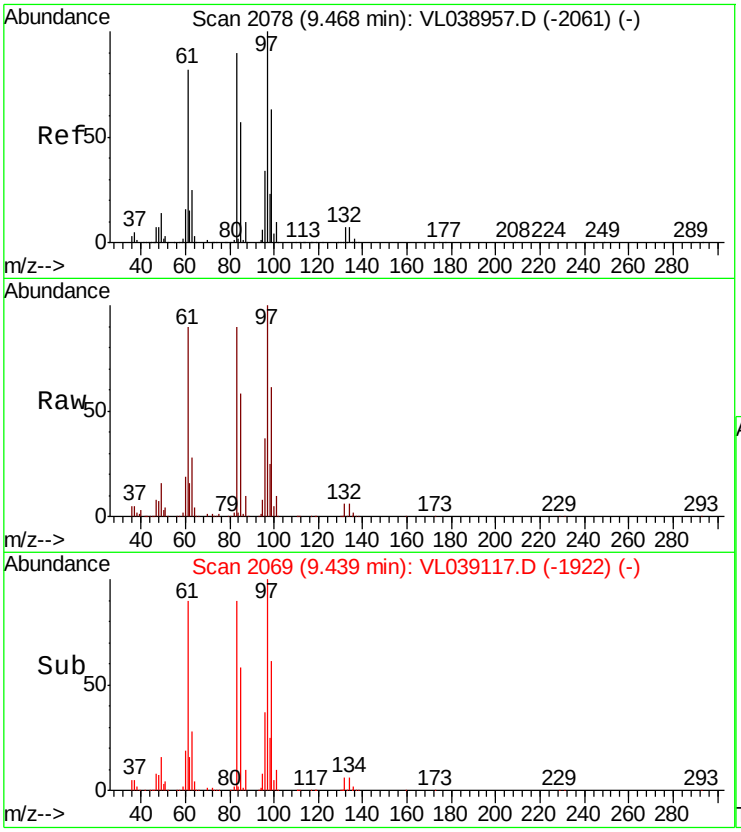


#46
cis-1,3-Dichloropropene
Concen: 9.583 ppbv
RT: 8.67 min Scan# 1829
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 75 Resp: 1010603

Ion	Ratio	Lower	Upper
75	100		
39	70.2	55.8	83.6
77	32.0	24.8	37.2



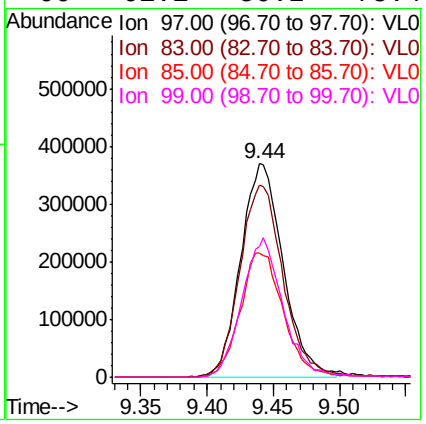


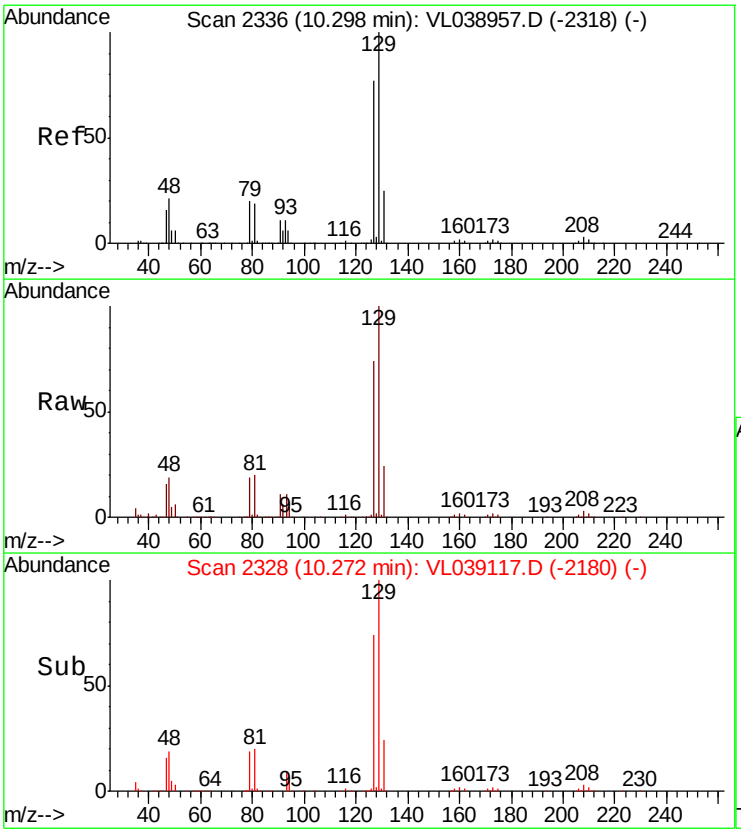
#47
1,1,2-Trichloroethane
Concen: 10.068 ppbv
RT: 9.44
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 97 Resp: 824476

Ion	Ratio	Lower	Upper
97	100		
83	89.7	72.0	108.0
85	57.9	45.7	68.5
99	61.1	50.2	75.4

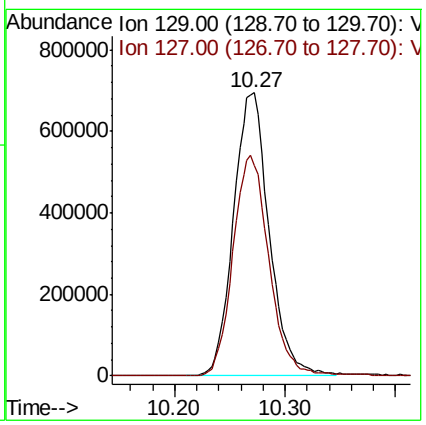


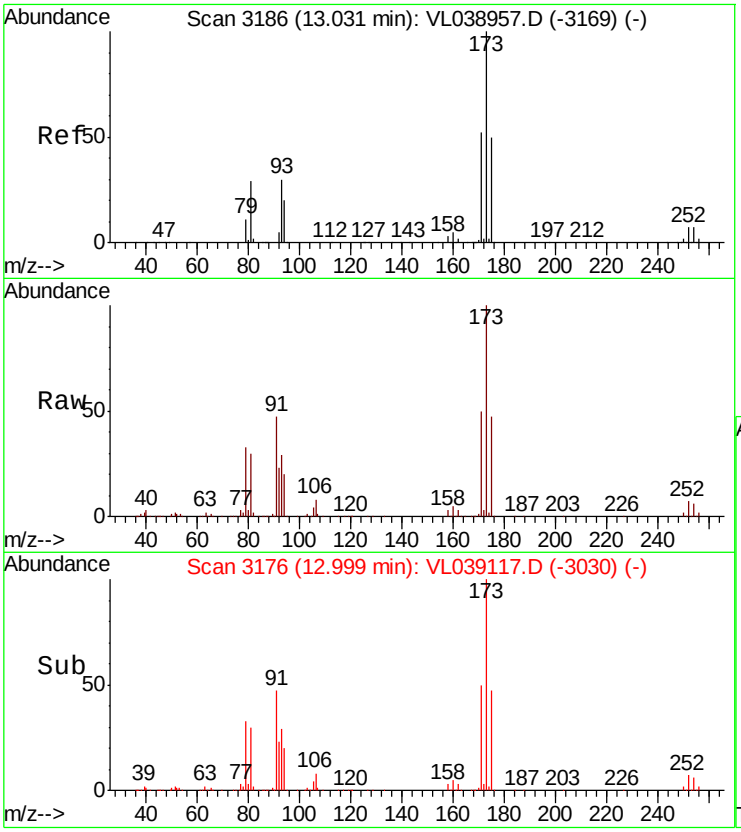


#48
Dibromochloromethane
Concen: 11.676 ppbv
RT: 10.27 min Scan# 2328
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:129 Resp: 1556211

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.3	117.9



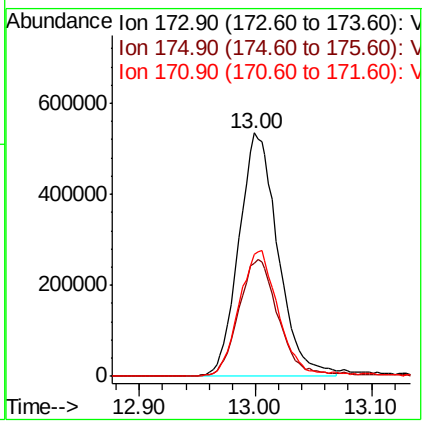


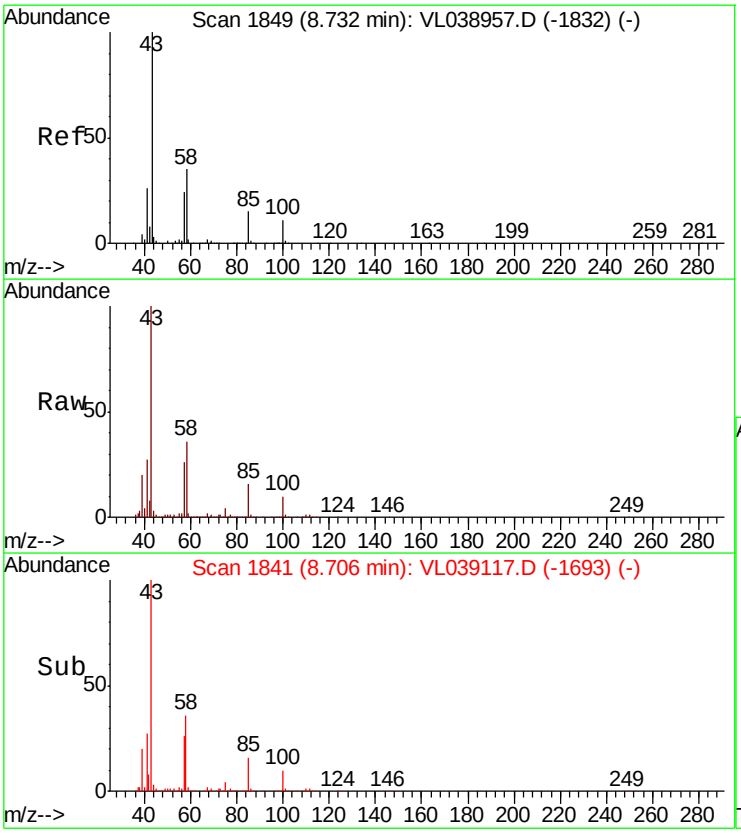
#49
Bromoform
Concen: 12.351 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:173 Resp: 1255519

Ion	Ratio	Lower	Upper
173	100		
175	50.1	41.0	61.6
171	53.8	42.6	64.0

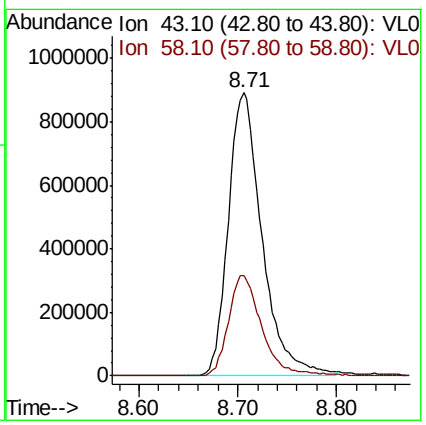


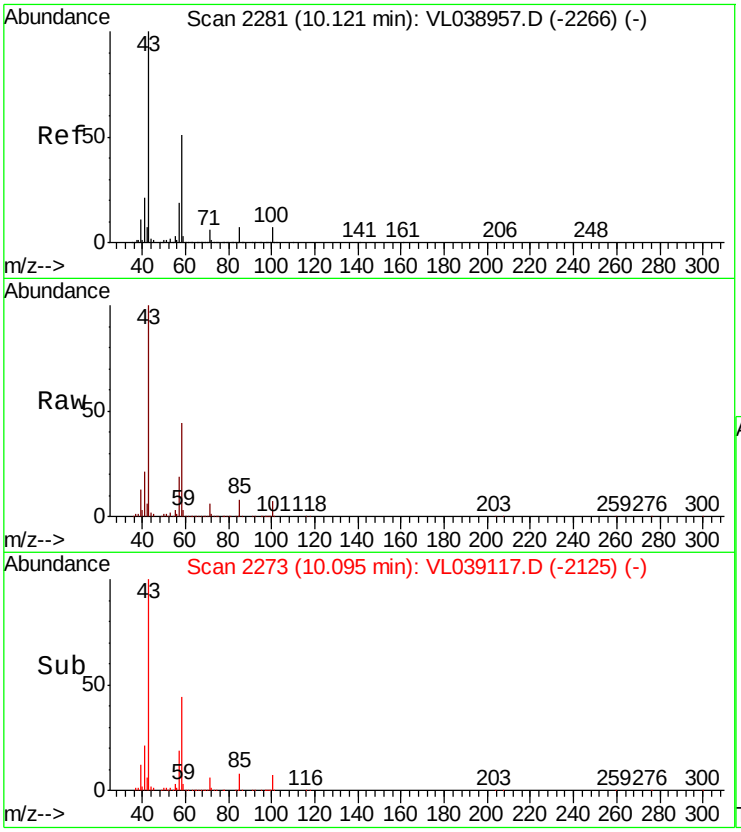


#50
4-Methyl-2-Pentanone
Concen: 10.058 ppbv
RT: 8.71 min Scan# 1841
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 43 Resp: 2127541

Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.4	42.6



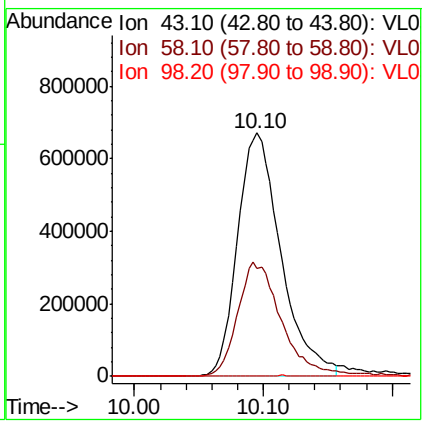


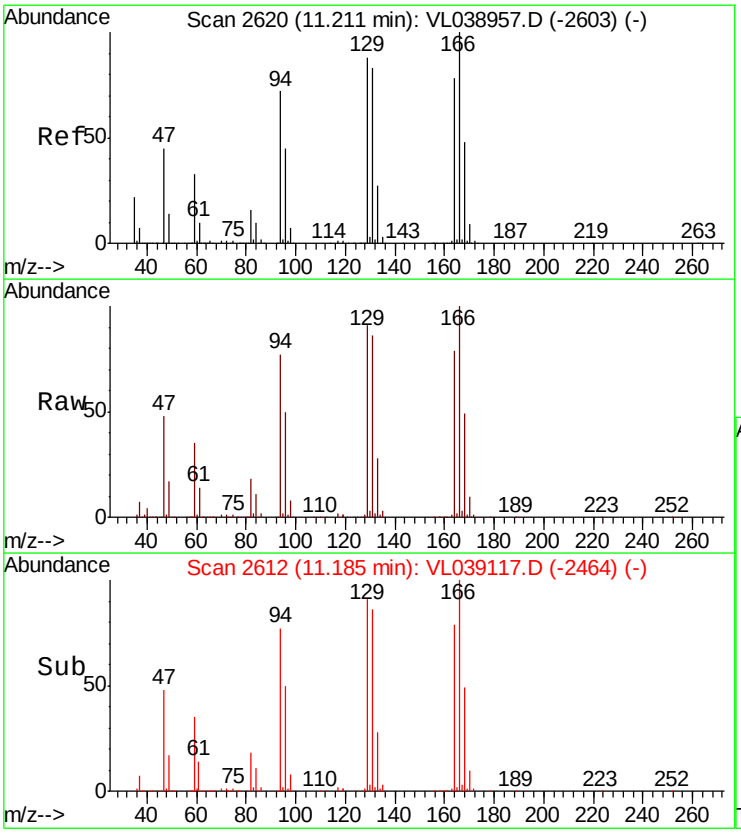
#51
2-Hexanone
Concen: 10.193 ppbv
RT: 10.10
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 43 Resp: 1573651

Ion	Ratio	Lower	Upper
43	100		
58	48.4	39.3	58.9
98	0.4	0.2	0.2#

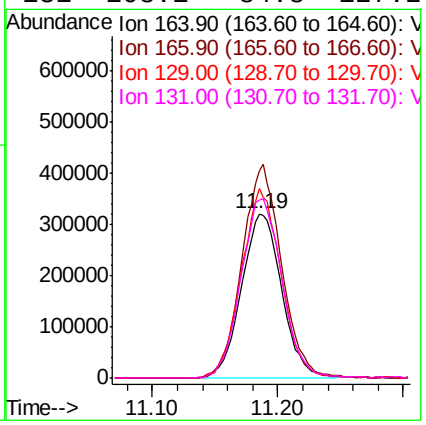


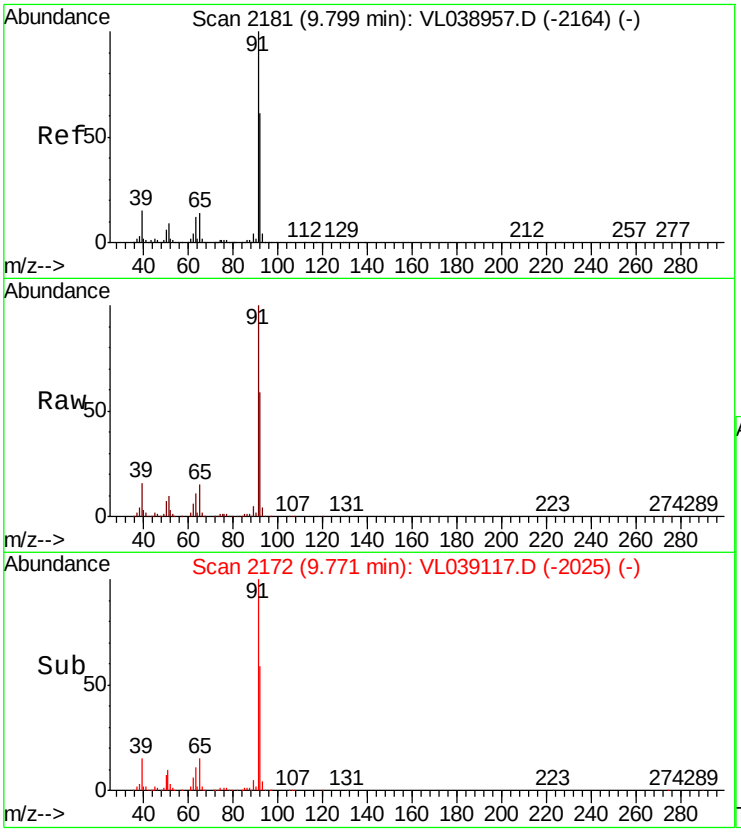


#52
Tetrachloroethene
Concen: 9.869 ppbv
RT: 11.19 min Scan# 2612
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:164 Resp: 713625

Ion	Ratio	Lower	Upper
164	100		
166	126.6	102.5	153.7
129	115.3	90.1	135.1
131	108.1	84.8	127.2



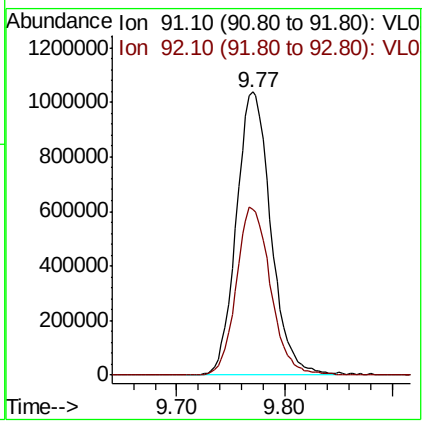


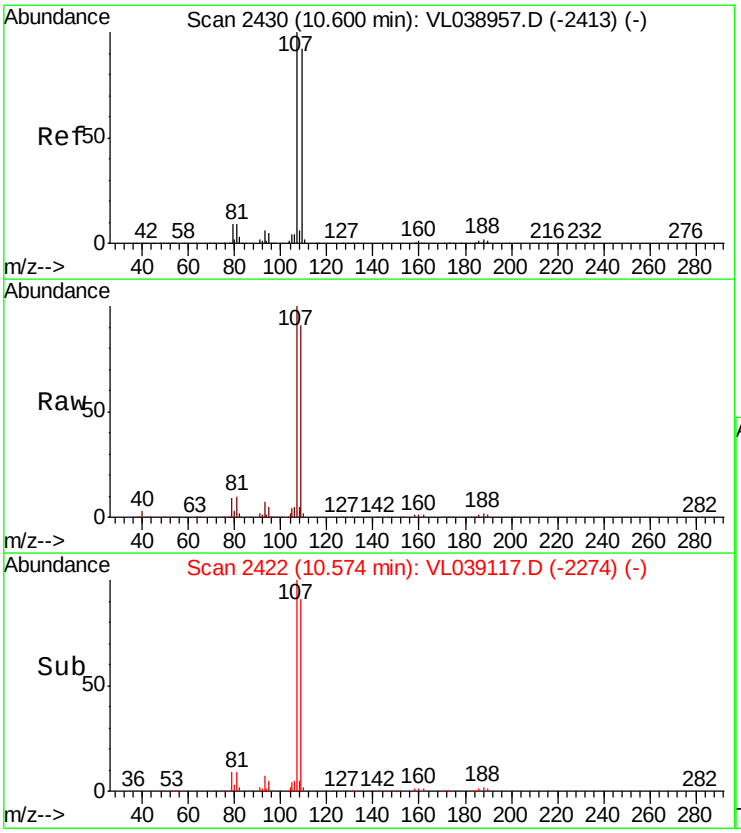
#53
Toluene
Concen: 10.201 ppbv
RT: 9.77
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 91 Resp: 2313552

Ion	Ratio	Lower	Upper
91	100		
92	59.1	48.2	72.2

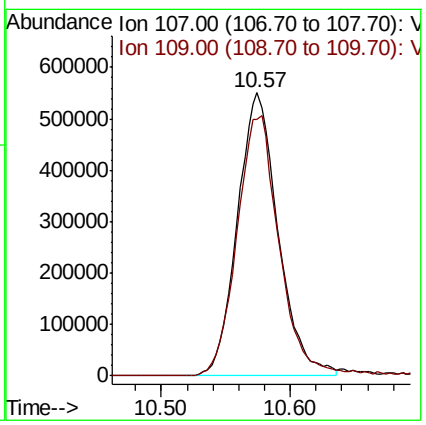


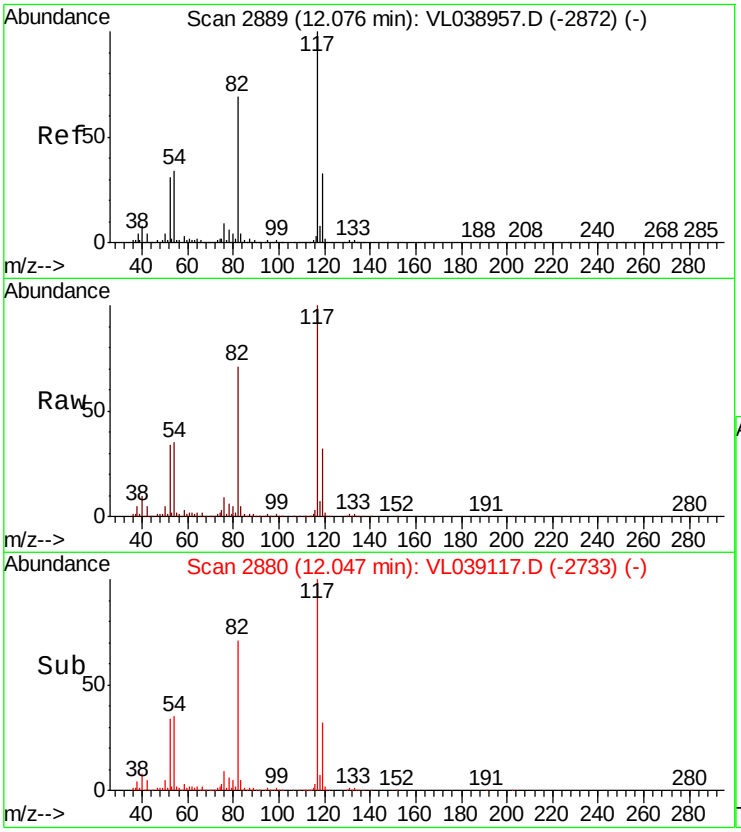


#54
1,2-Dibromoethane
Concen: 10.877 ppbv
RT: 10.57 min Scan# 2422
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:107 Resp: 1212558

Ion	Ratio	Lower	Upper
107	100		
109	90.5	73.8	110.8



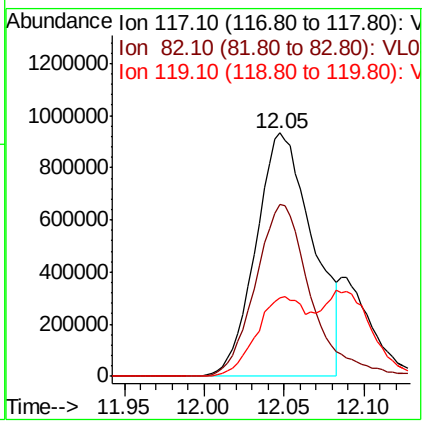


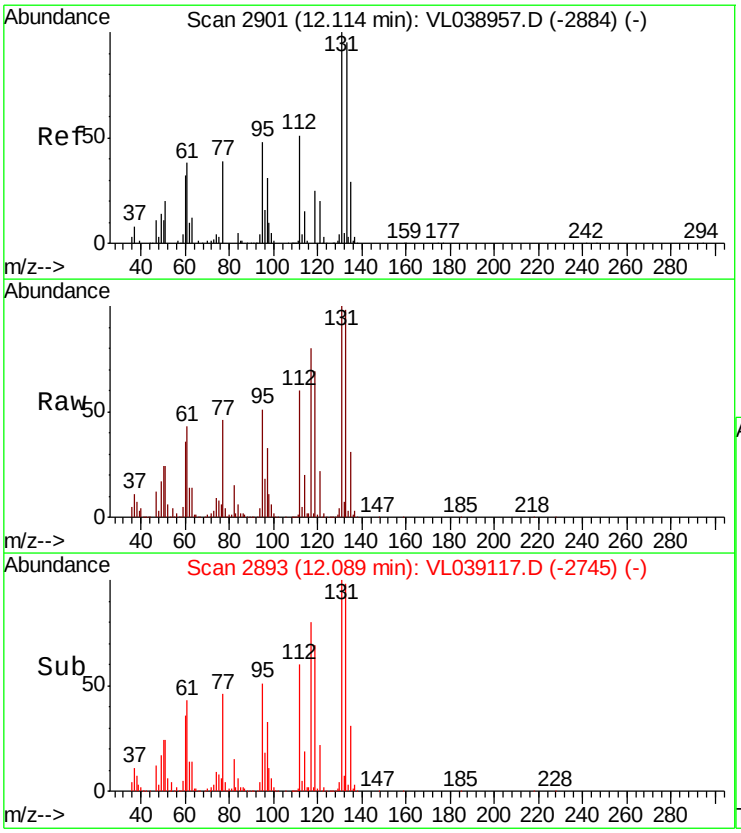
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:117 Resp: 2305721

Ion	Ratio	Lower	Upper
117	100		
82	69.8	57.0	85.6
119	30.4	27.2	40.8

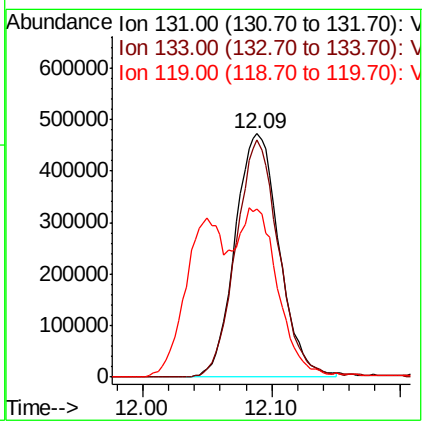


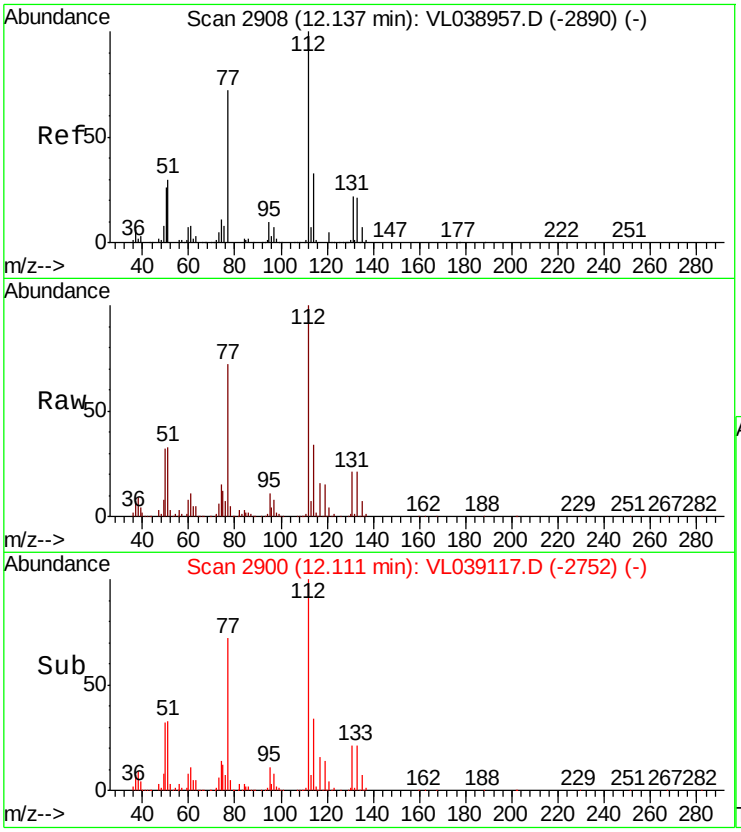


#56
1,1,1,2-Tetrachloroethane
Concen: 11.095 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:131 Resp: 1122400

Ion	Ratio	Lower	Upper
131	100		
133	96.4	76.9	115.3
119	61.3	47.4	71.0



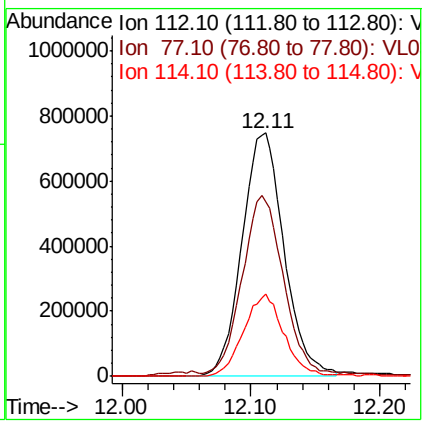


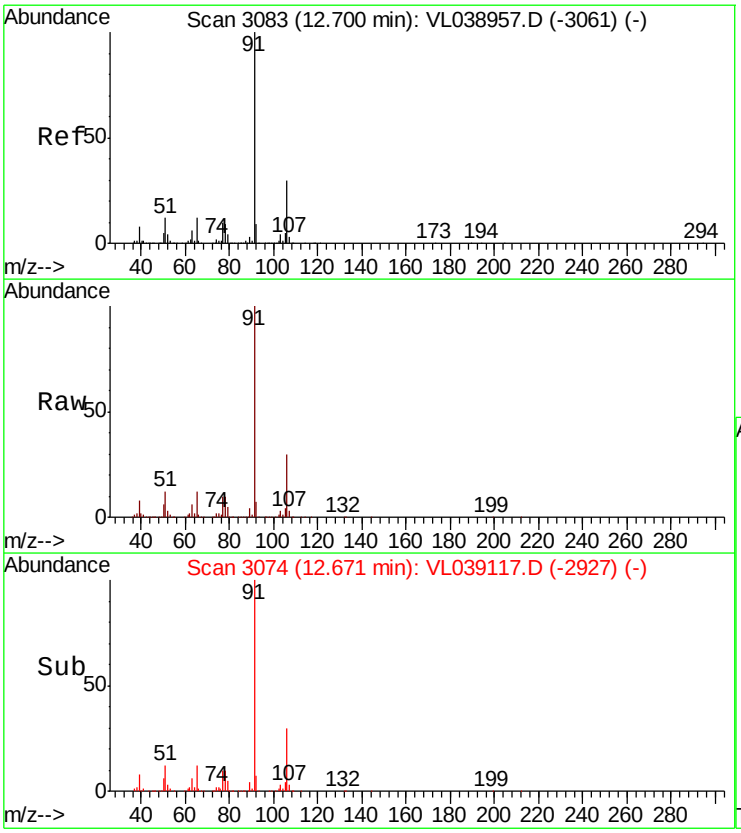
#57
Chlorobenzene
Concen: 9.836 ppbv
RT: 12.11
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:112 Resp: 1700082

Ion	Ratio	Lower	Upper
112	100		
77	70.2	57.7	86.5
114	33.5	30.1	36.7

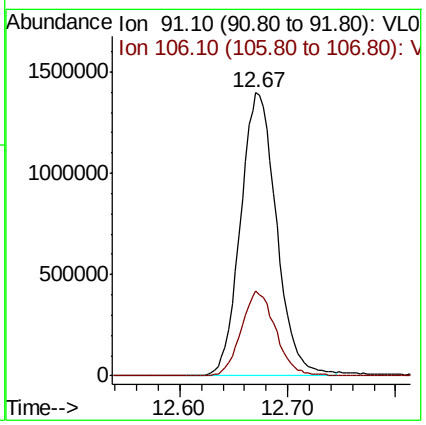


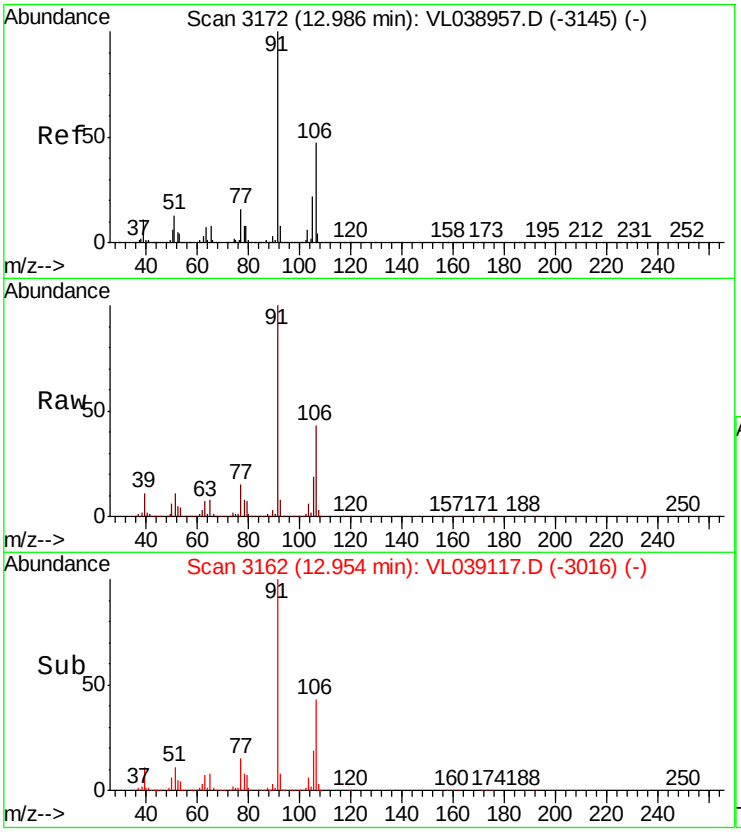


#58
Ethyl Benzene
Concen: 9.763 ppbv
RT: 12.67 min Scan# 3074
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 91 Resp: 3239536

Ion	Ratio	Lower	Upper
91	100		
106	29.9	24.2	36.4



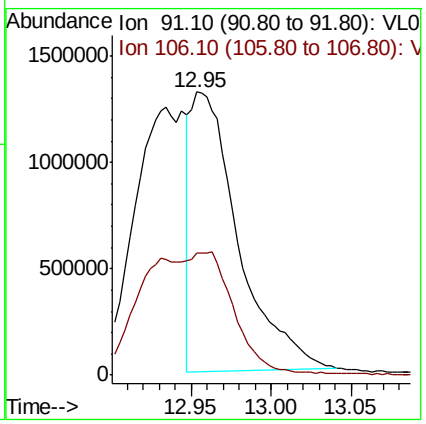


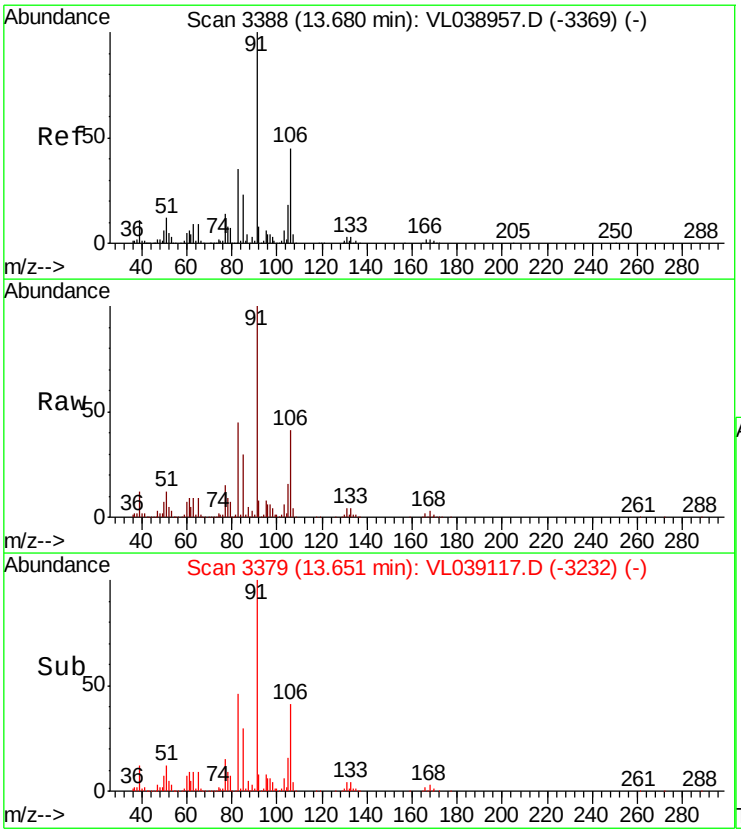
#59
m/p-Xylene
Concen: 9.538 ppbv
RT: 12.95
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 91 Resp: 2701773

Ion	Ratio	Lower	Upper
91	100		
106	87.3	34.6	52.0#

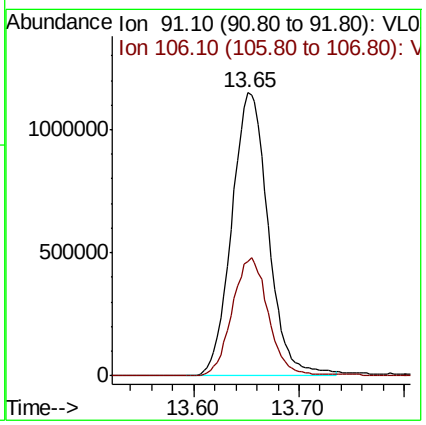


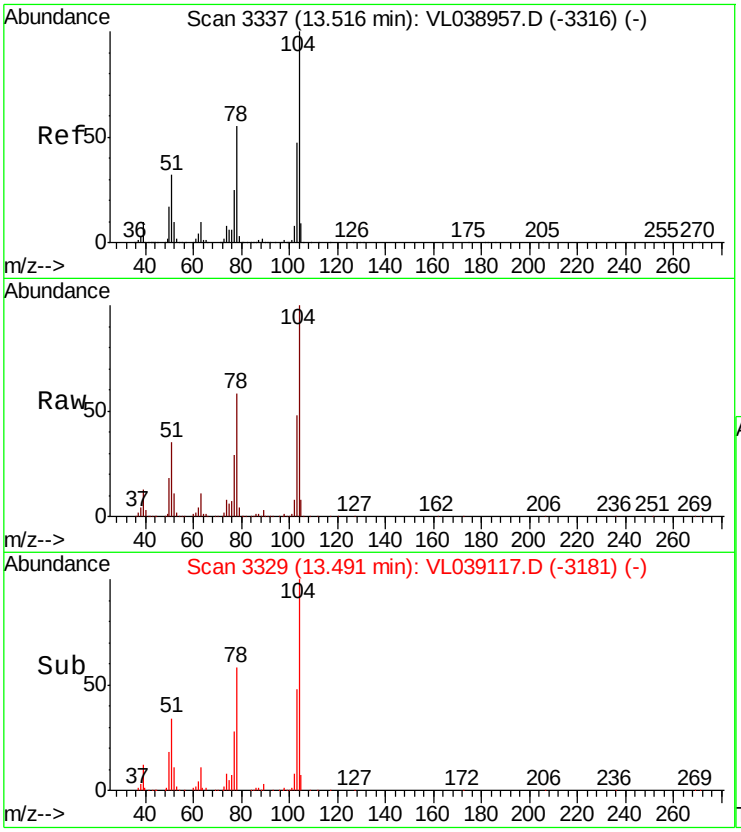


#60
o-Xylene
Concen: 10.349 ppbv
RT: 13.65 min Scan# 3379
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 91 Resp: 2759241

Ion	Ratio	Lower	Upper
91	100		
106	41.9	22.2	66.6



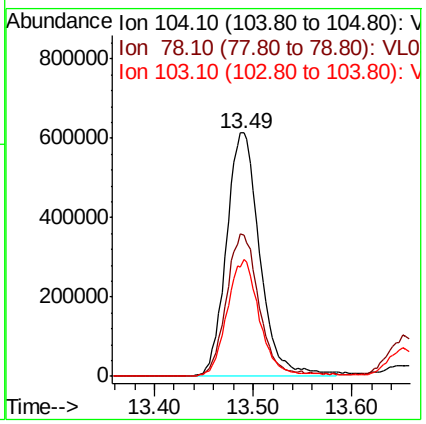


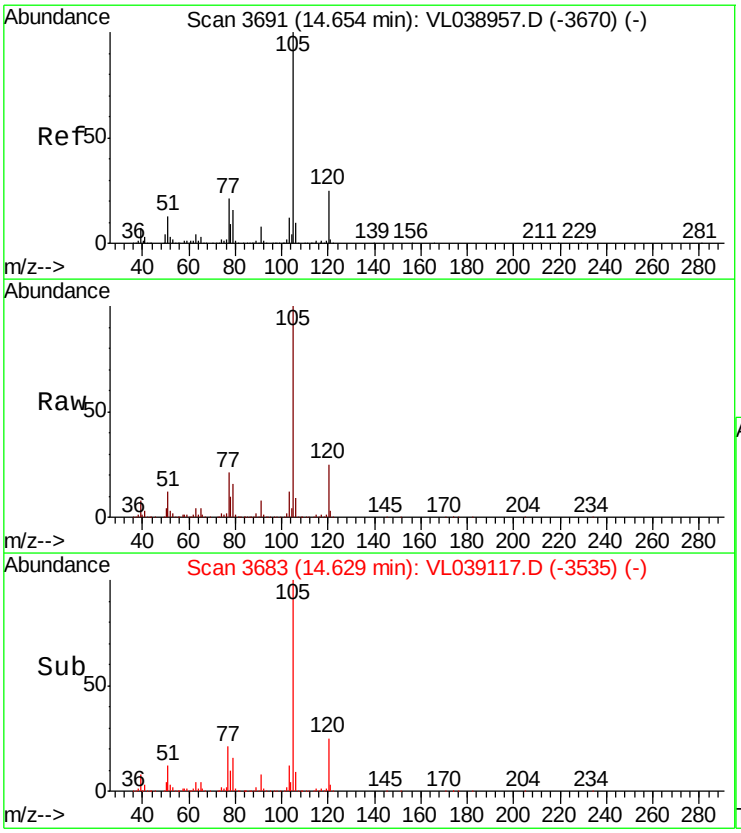
#61
Stvrene
Concen: 10.182 ppbv
RT: 13.49
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:104 Resp: 1449273

Ion	Ratio	Lower	Upper
104	100		
78	58.3	46.4	69.6
103	47.5	39.3	58.9

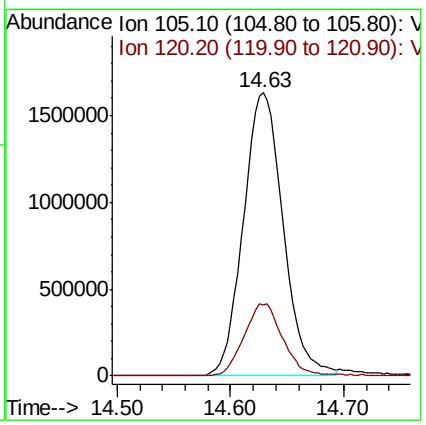


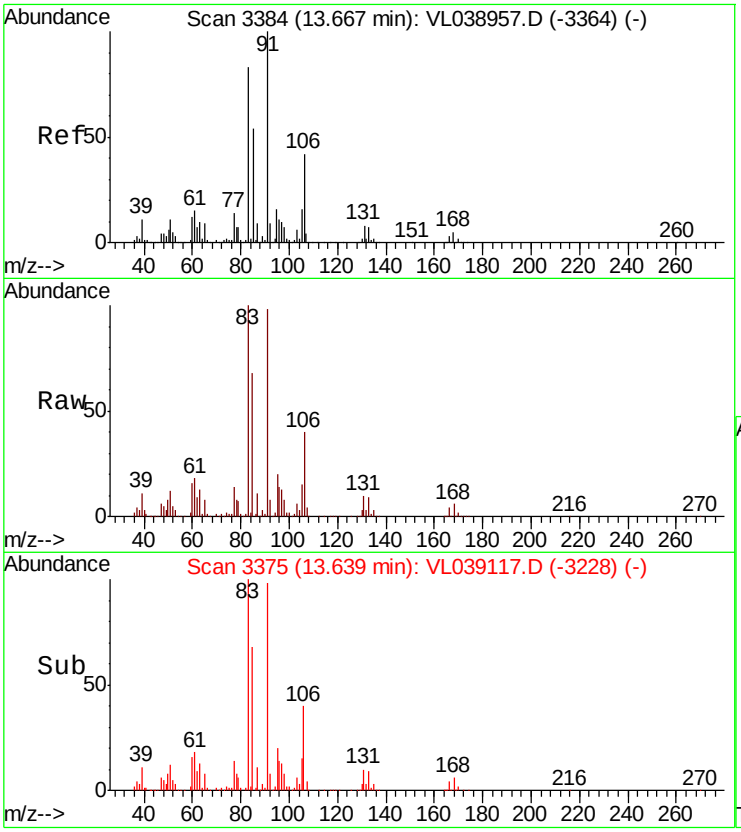


#62
Isopropylbenzene
Concen: 10.254 ppbv
RT: 14.63 min Scan# 3683
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:105 Resp: 3997840

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.5	30.7



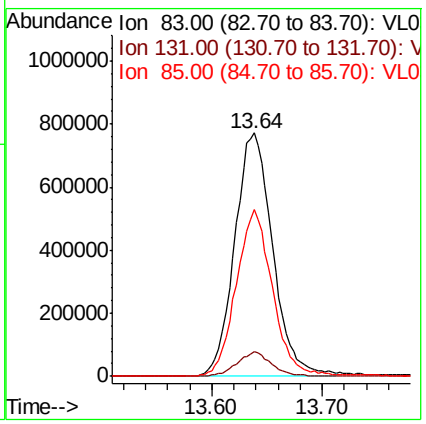


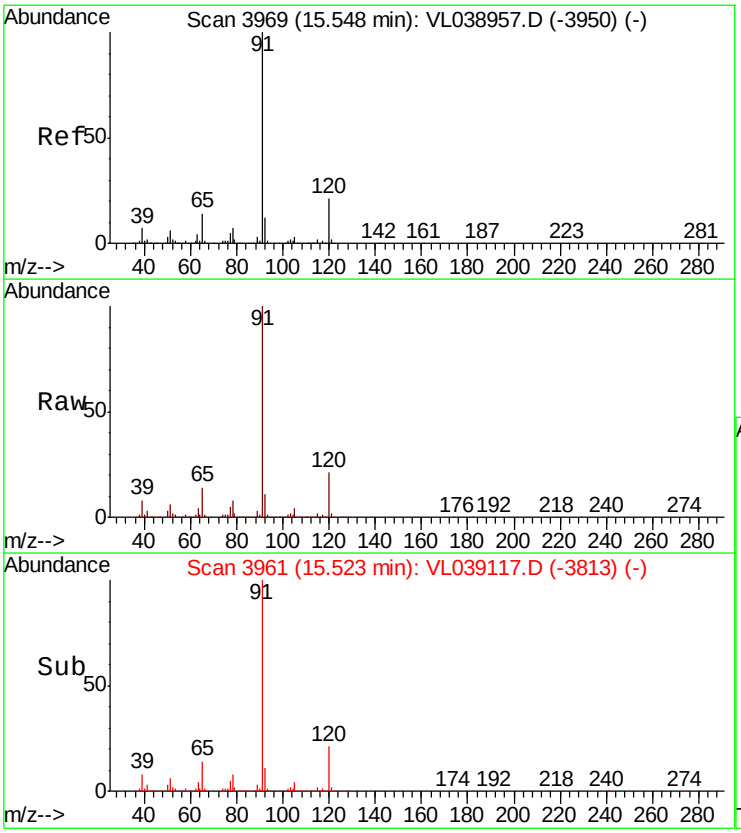
#63
1,1,2,2-Tetrachloroethane
Concen: 11.702 ppbv
RT: 13.64
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 83 Resp: 1837153

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.5	13.7
85	66.2	32.8	98.3

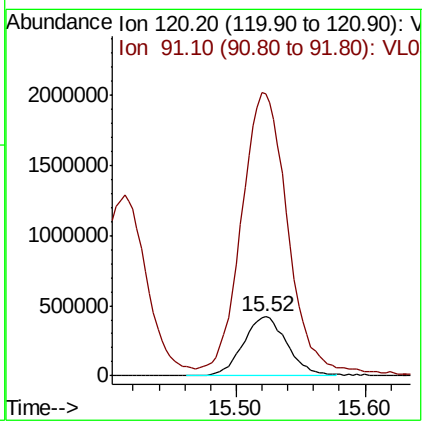


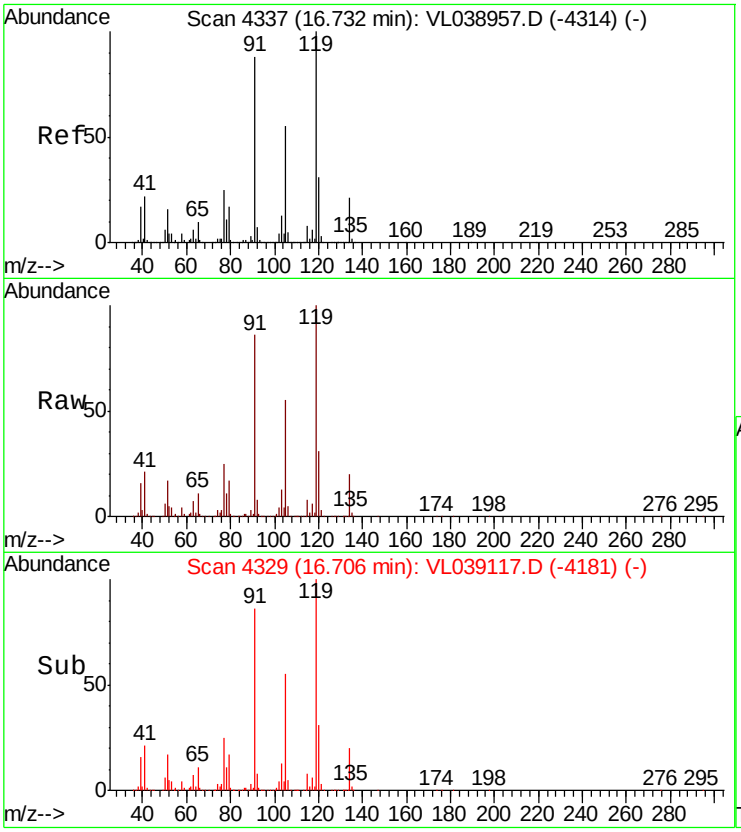


#64
n-propylbenzene
Concen: 10.567 ppbv
RT: 15.52 min Scan# 3961
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:120 Resp: 996105

Ion	Ratio	Lower	Upper
120	100		
91	515.8	400.6	601.0



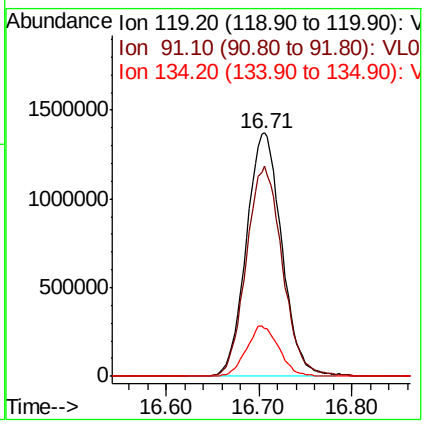


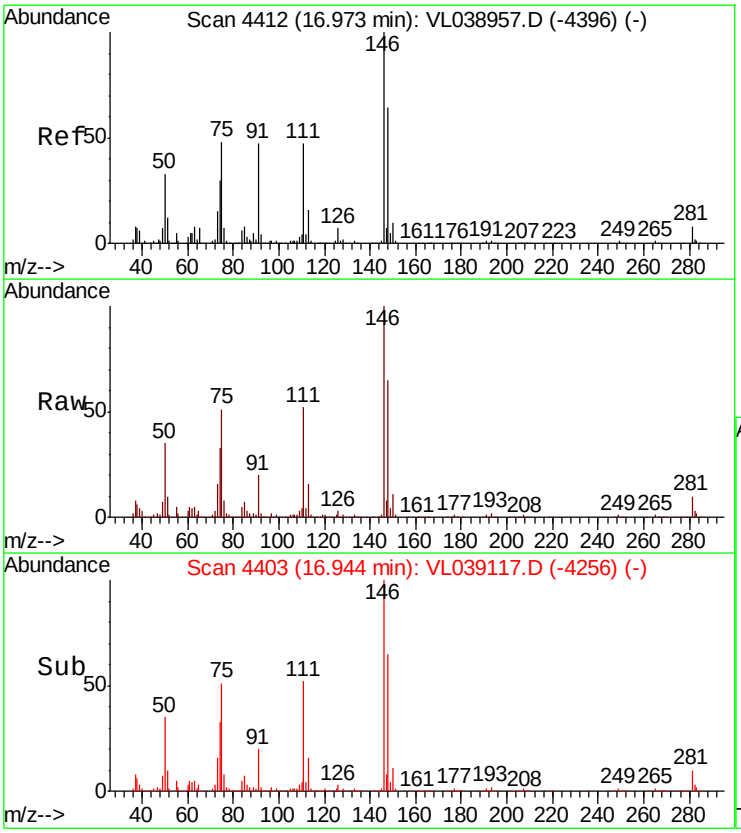
#65
tert-Butylbenzene
Concen: 10.652 ppbv
RT: 16.71
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:119 Resp: 3638828

Ion	Ratio	Lower	Upper
119	100		
91	88.0	69.4	104.2
134	19.1	15.8	23.8

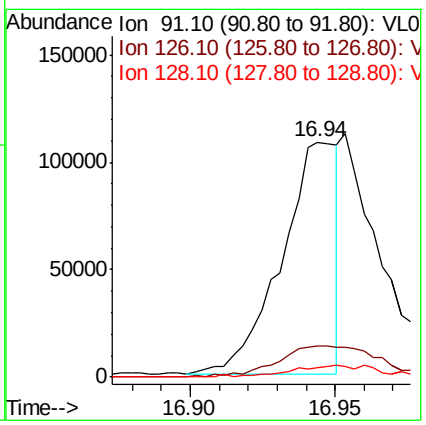


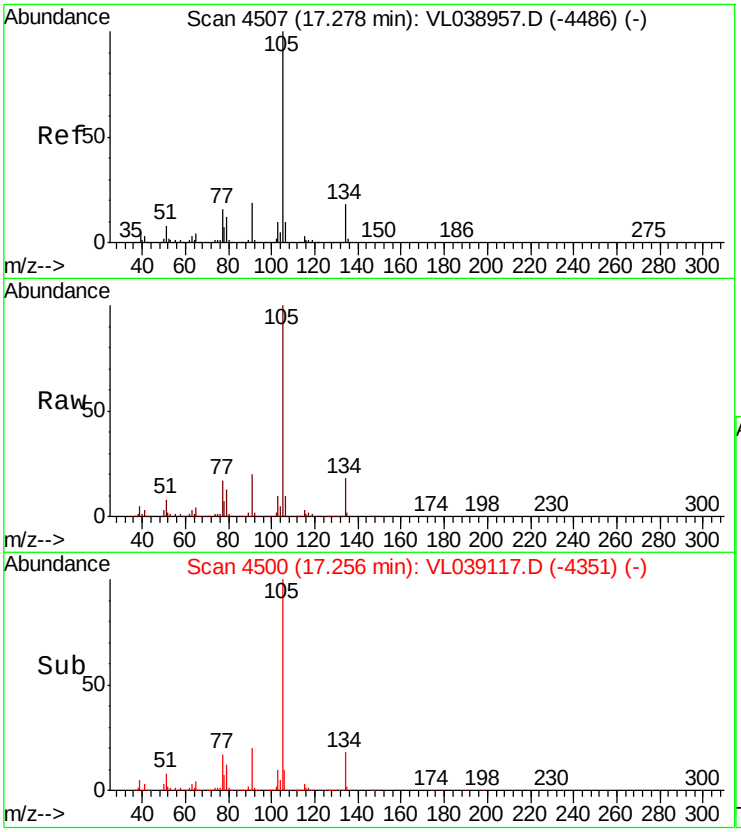


#66
Benzyl Chloride
Concen: 3.223 ppbv
RT: 16.94 min Scan# 4403
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 91 Resp: 143913

Ion	Ratio	Lower	Upper
91	100		
126	25.3	11.8	17.6#
128	0.0	4.2	6.2#



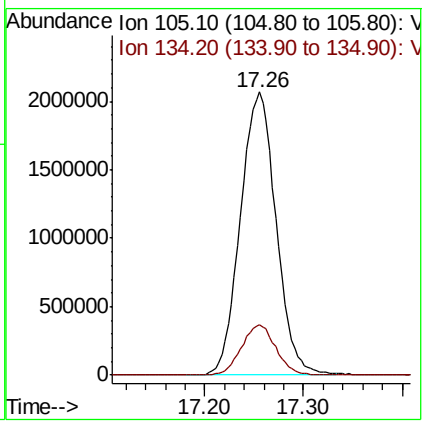


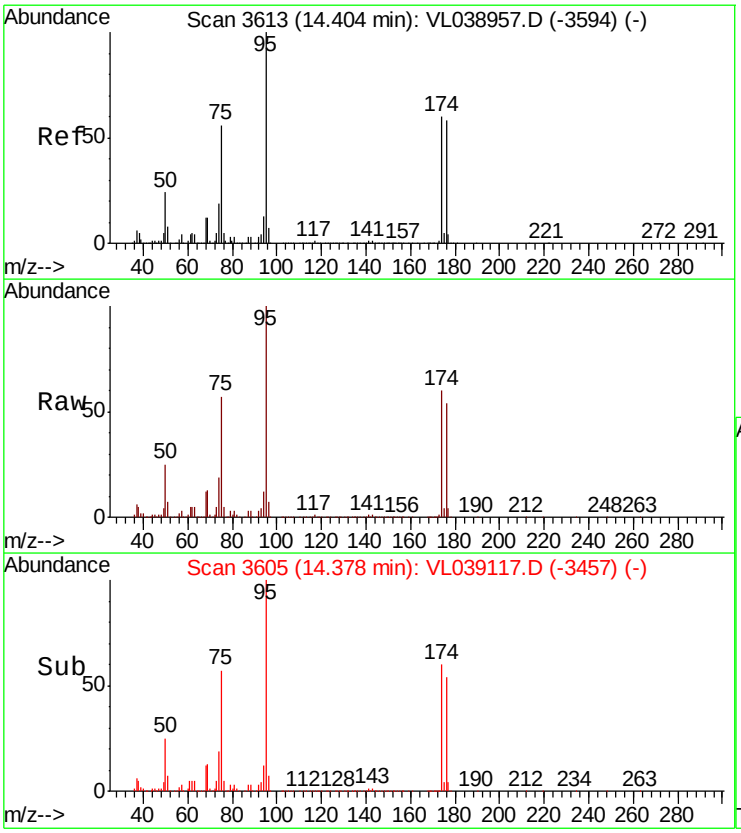
#67
sec-Butylbenzene
Concen: 10.580 ppbv
RT: 17.26
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:105 Resp: 5163530

Ion	Ratio	Lower	Upper
105	100		
134	17.3	14.2	21.4

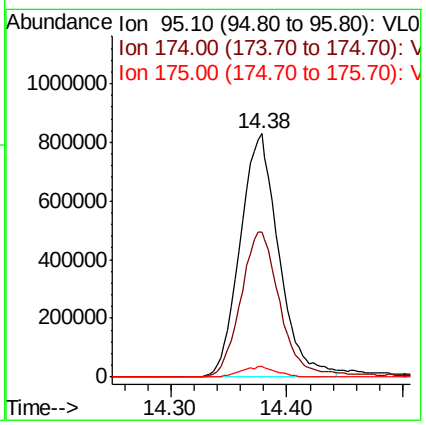


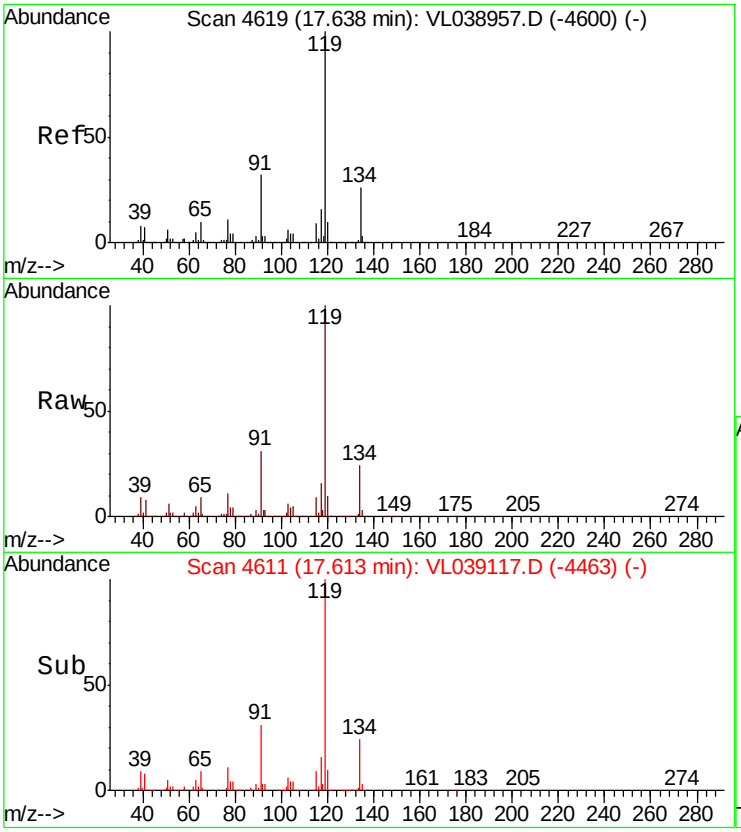


#68
1-Bromo-4-Fluorobenzene
Concen: 10.577 ppbv
RT: 14.38 min Scan# 3605
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 95 Resp: 1931433

Ion	Ratio	Lower	Upper
95	100		
174	62.1	50.8	76.2
175	4.2	3.8	5.6



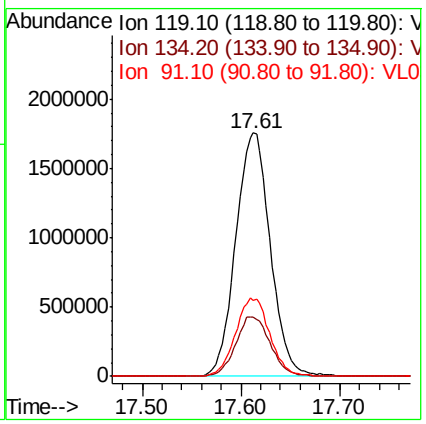


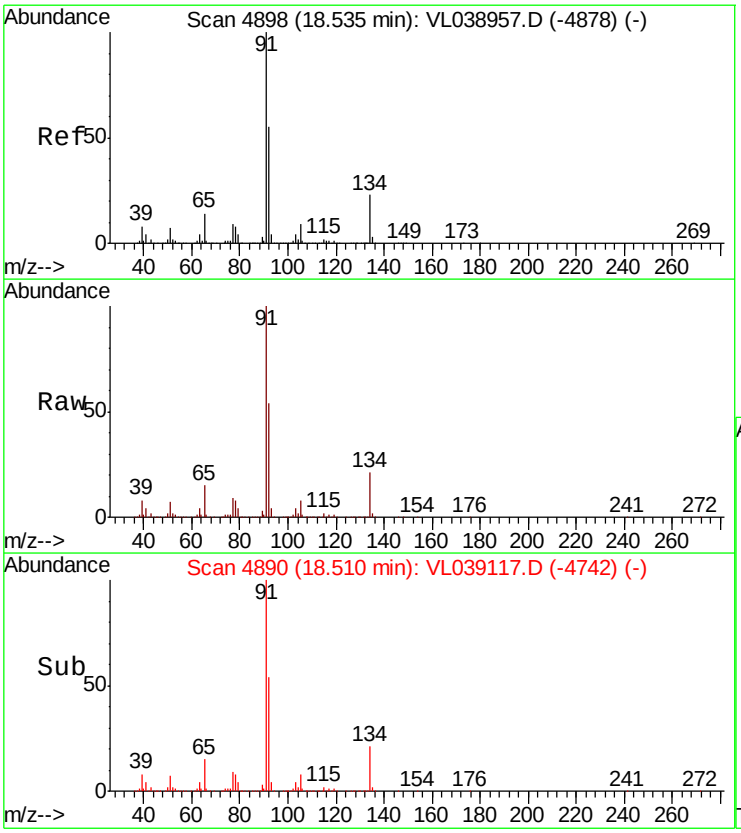
#69
p-Isopropyltoluene
Concen: 10.777 ppbv
RT: 17.61
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:119 Resp: 4249240

Ion	Ratio	Lower	Upper
119	100		
134	24.7	20.0	30.0
91	32.2	24.8	37.2

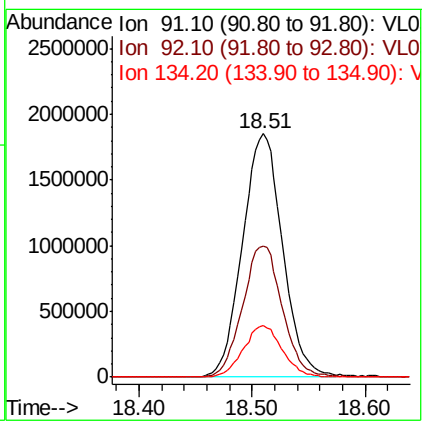


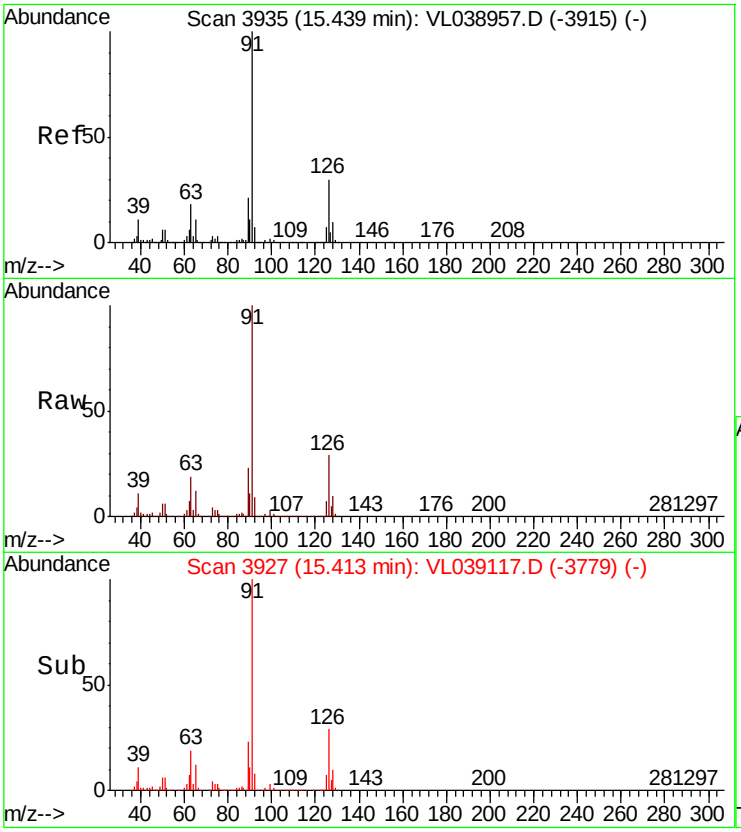


#70
n-Butylbenzene
Concen: 10.853 ppbv
RT: 18.51 min Scan# 4890
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion: 91 Resp: 4546465

Ion	Ratio	Lower	Upper
91	100		
92	53.8	43.1	64.7
134	20.8	17.0	25.4



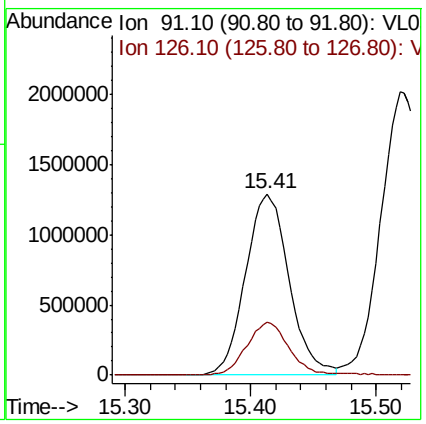


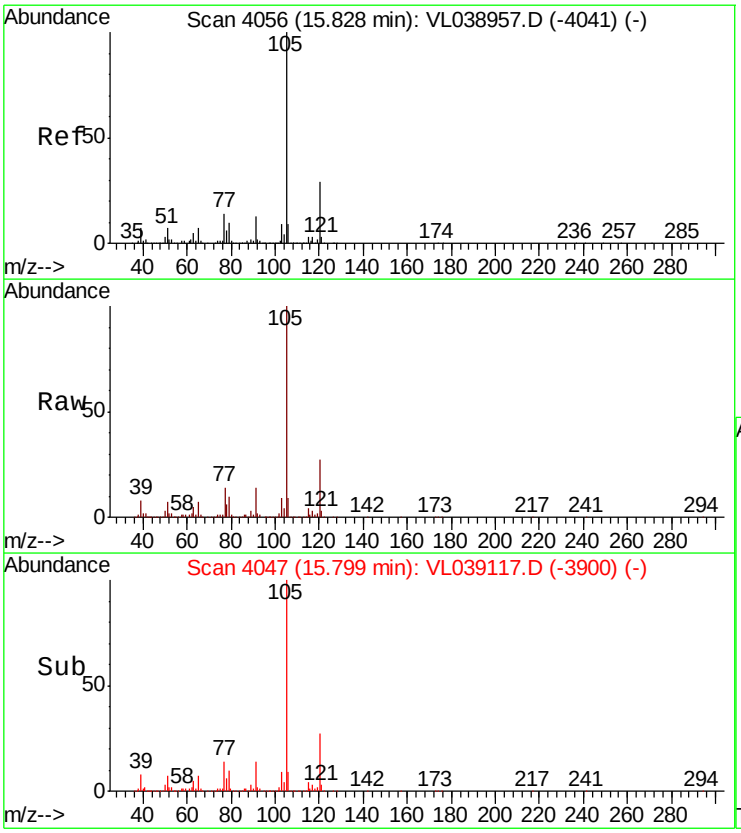
#71
2-Chlorotoluene
Concen: 10.376 ppbv
RT: 15.41
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion: 91 Resp: 3118865

Ion	Ratio	Lower	Upper
91	100		
126	29.3	11.9	47.5

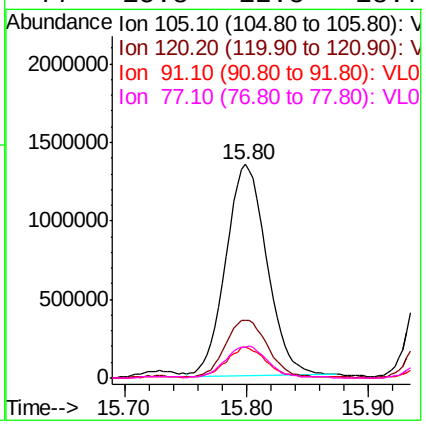


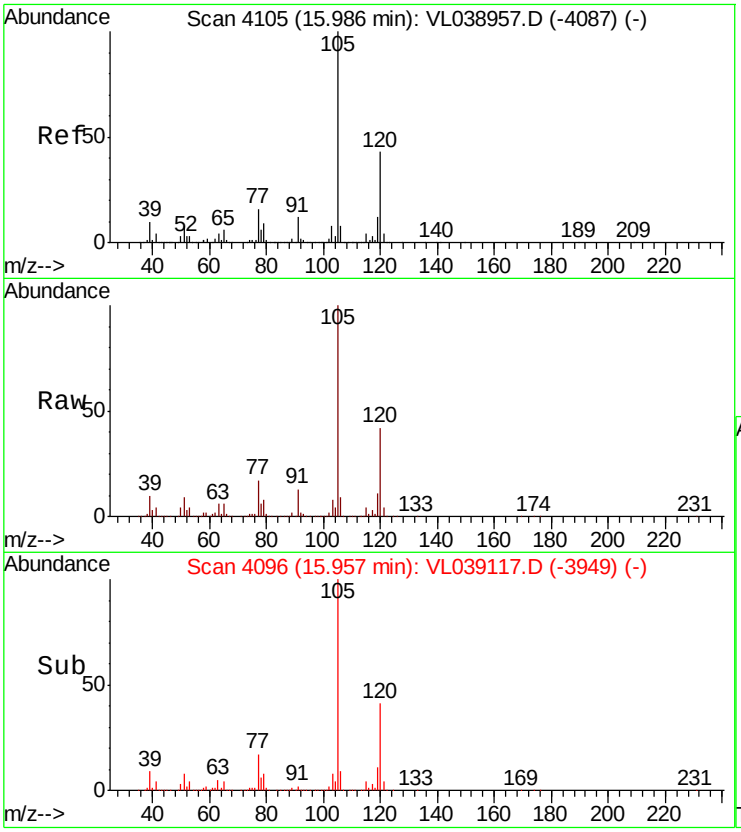


#72
4-Ethyltoluene
Concen: 10.323 ppbv
RT: 15.80 min Scan# 4047
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:105 Resp: 3136360

Ion	Ratio	Lower	Upper
105	100		
120	29.2	23.4	35.0
91	14.1	10.6	16.0
77	15.8	12.5	18.7



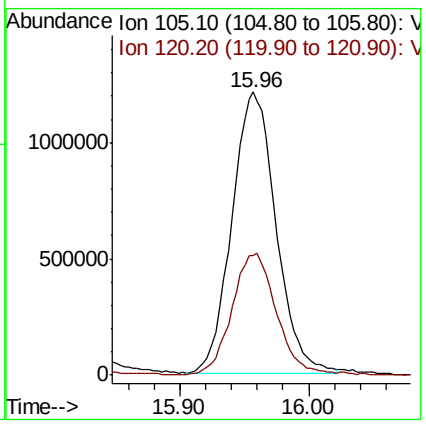


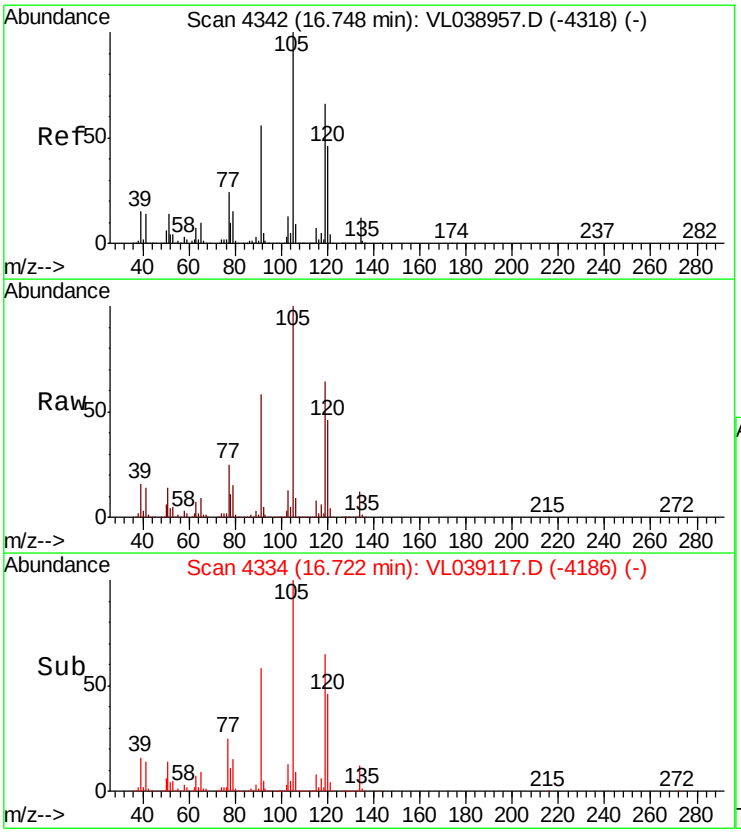
#73
1,3,5-Trimethylbenzene
Concen: 10.479 ppbv
RT: 15.96
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:105 Resp: 2866148

Ion	Ratio	Lower	Upper
105	100		
120	42.5	34.4	51.6

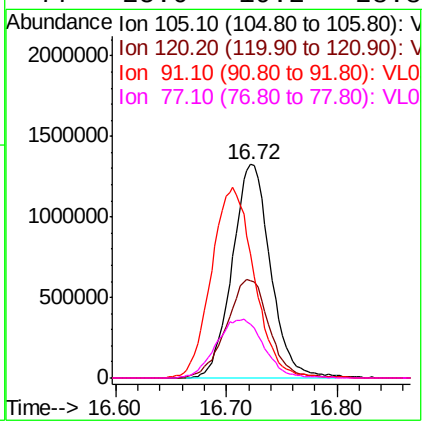


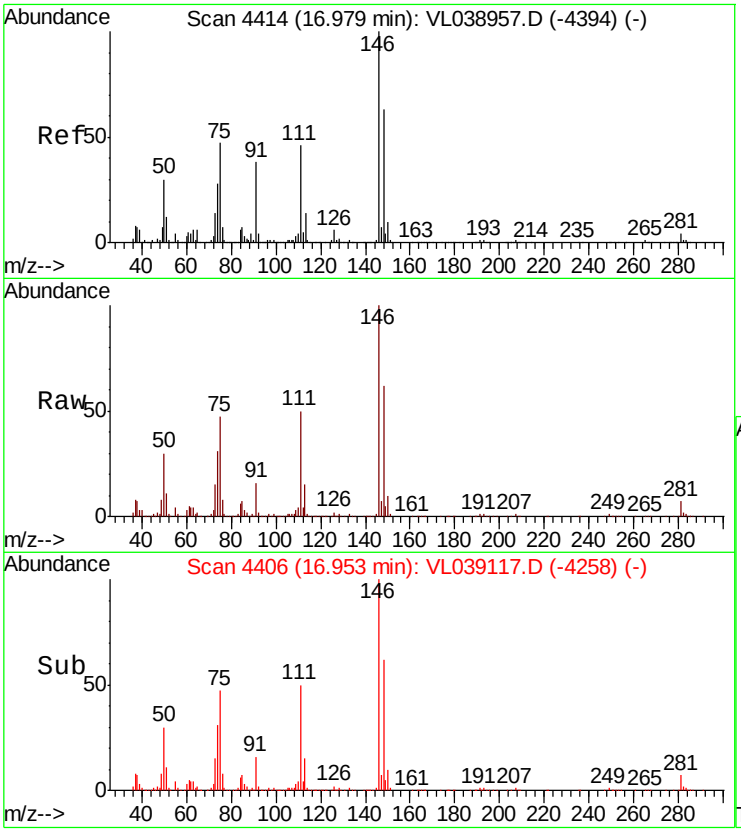


#74
1,2,4-Trimethylbenzene
Concen: 10.612 ppbv
RT: 16.72 min Scan# 4334
Delta R.T. -0.03 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:105 Resp: 3178108

Ion	Ratio	Lower	Upper
105	100		
120	45.4	36.9	55.3
91	57.5	45.0	67.4
77	25.0	19.2	28.8



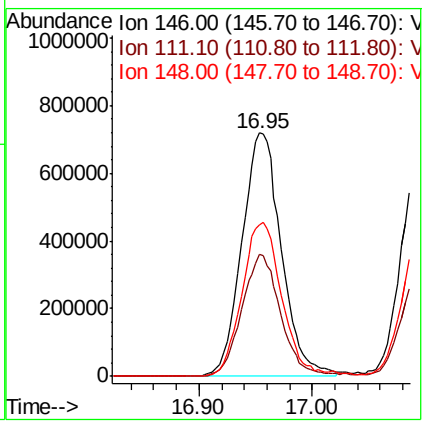


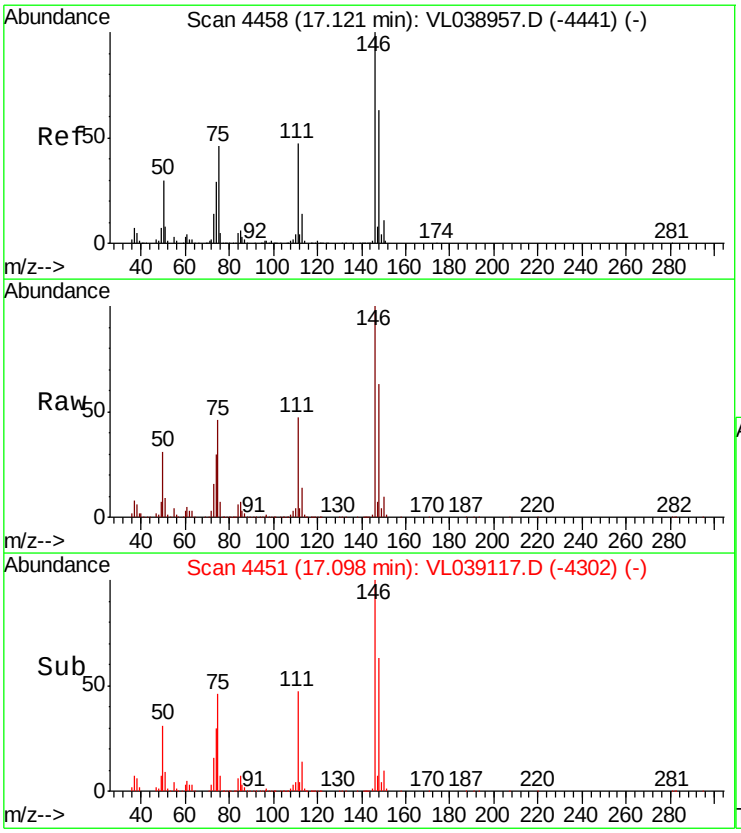
#75
1,3-Dichlorobenzene
Concen: 10.613 ppbv
RT: 16.95
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:146 Resp: 1741426

Ion	Ratio	Lower	Upper
146	100		
111	49.5	24.1	72.2
148	64.1	32.4	97.2

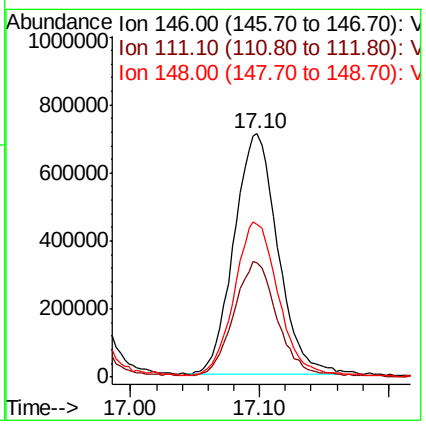


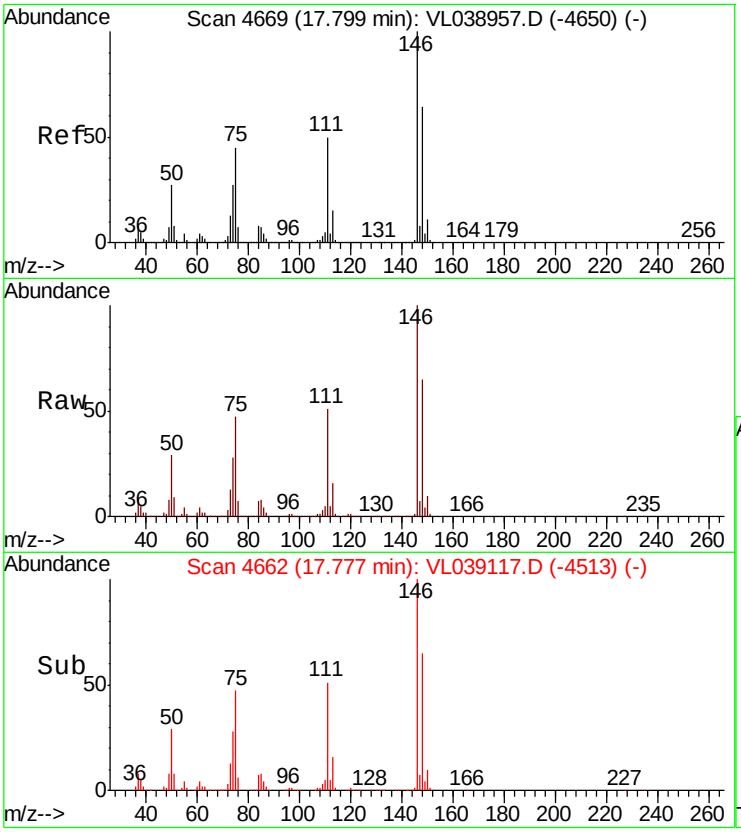


#76
1,4-Dichlorobenzene
Concen: 10.301 ppbv
RT: 17.10 min Scan# 4451
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:146 Resp: 1662797

Ion	Ratio	Lower	Upper
146	100		
111	47.9	23.6	71.0
148	66.2	32.2	96.6



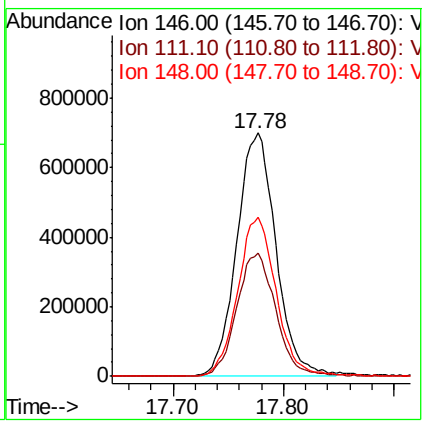


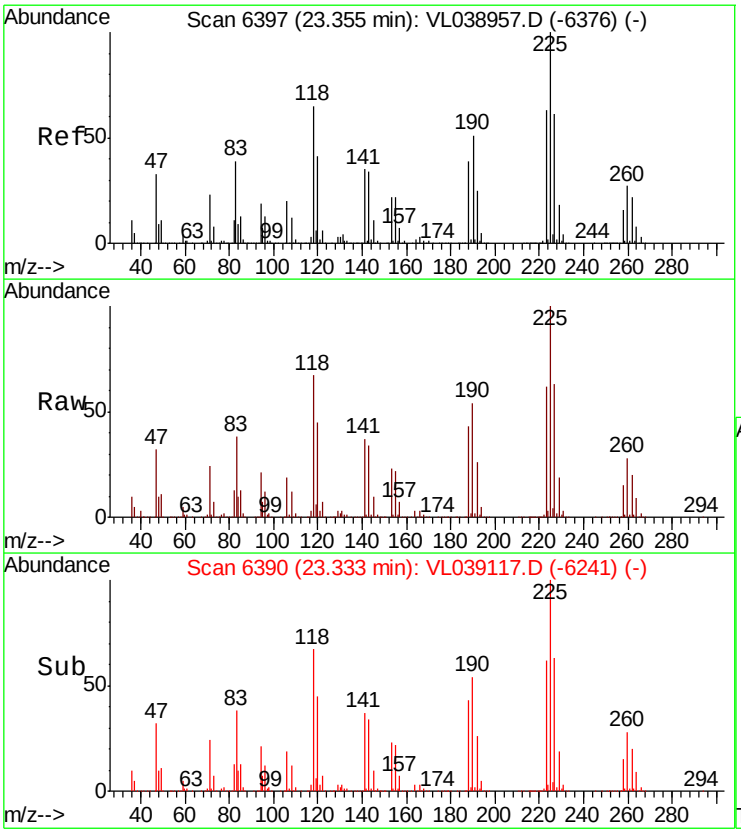
#77
1,2-Dichlorobenzene
Concen: 10.603 ppbv
RT: 17.78
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:146 Resp: 1720632

Ion	Ratio	Lower	Upper
146	100		
111	50.8	25.3	75.9
148	64.3	32.3	96.9

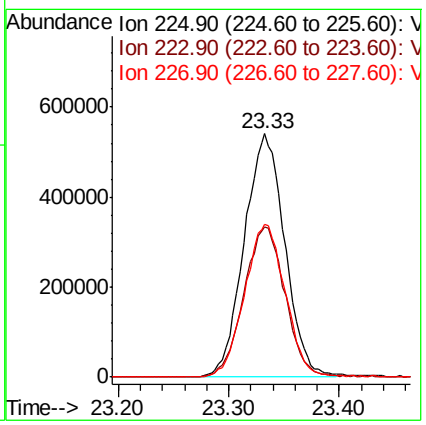


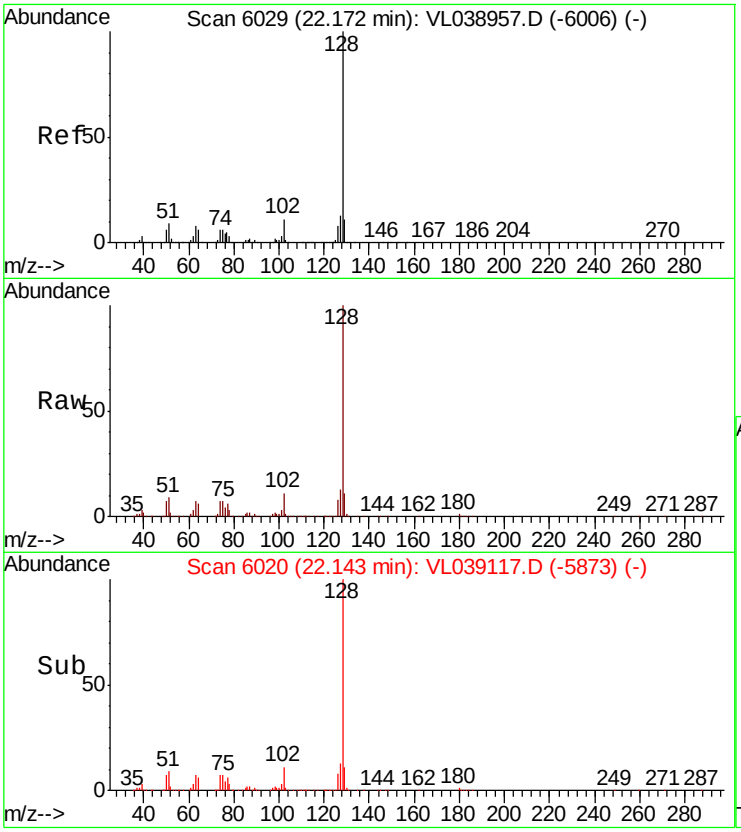


#78
Hexachloro-1,3-Butadiene
Concen: 9.254 ppbv
RT: 23.33 min Scan# 6390
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:225 Resp: 1380126

Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.0
227	63.7	51.4	77.0



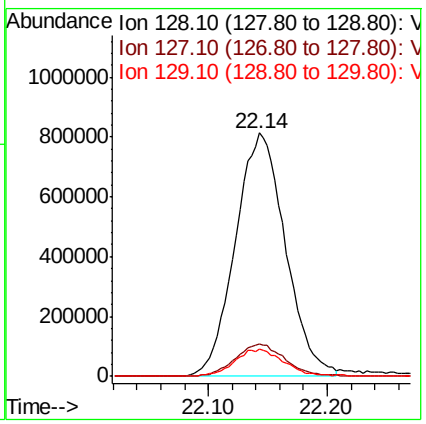


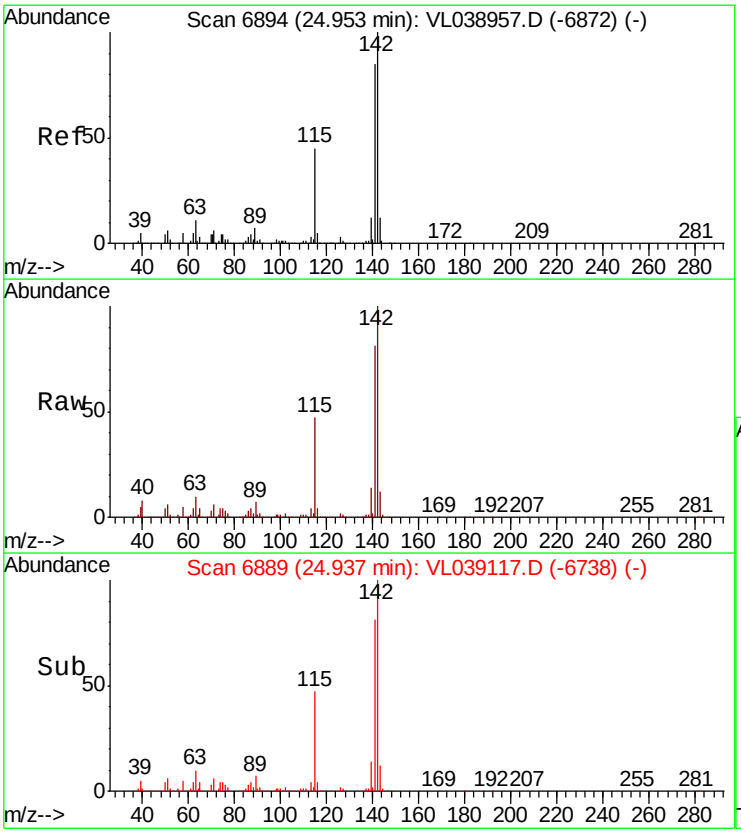
#79
Naphthalene
Concen: 9.668 ppbv
RT: 22.14
Delta R.T
Lab File:
Acq: 25 May 2022 14:50

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:128 Resp: 2351818

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	11.1	8.9	13.3

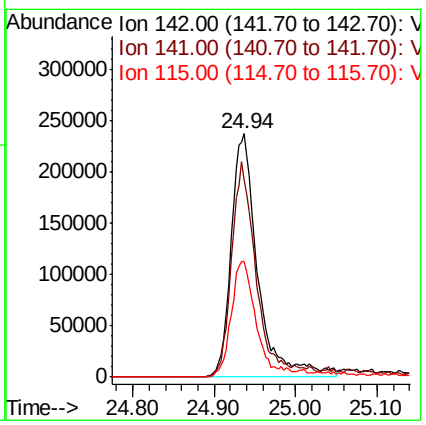


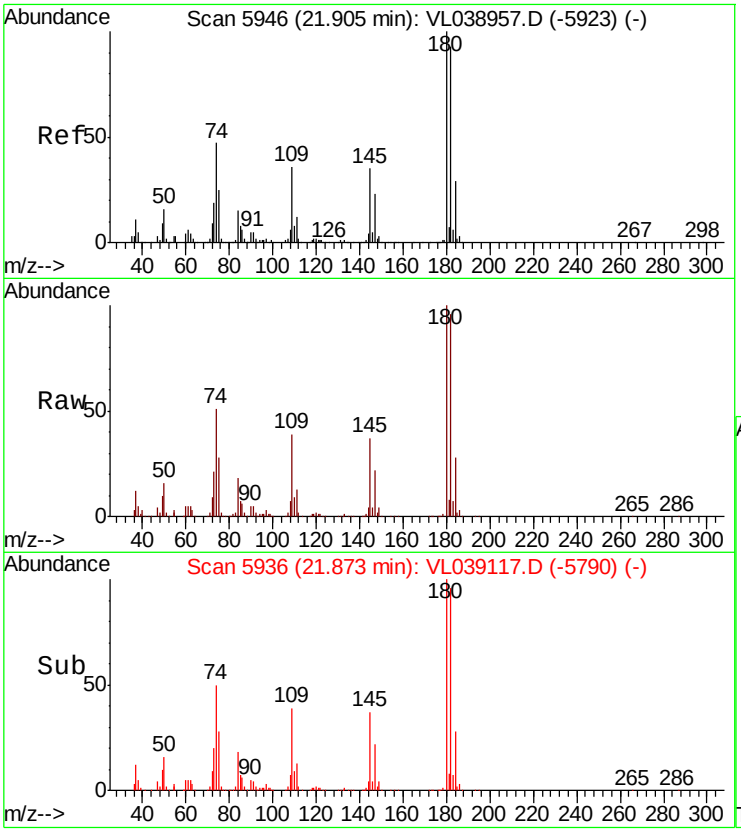


#80
Naphthalene,2-methyl-
Concen: 7.371 ppbv
RT: 24.94 min Scan# 6889
Delta R.T. -0.02 min
Lab File: VL039117.D
Acq: 25 May 2022 14:50

Tgt Ion:142 Resp: 542428

Ion	Ratio	Lower	Upper
142	100		
141	85.1	70.8	106.2
115	46.5	35.1	52.7





#81
1,2,4-Trichlorobenzene
Concen: 9.422 ppbv
RT: 21.87
Delta R.T
Lab File:
Acq: 25 May 2022 14:30

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABS01

Tgt Ion:180 Resp: 1343090

Ion	Ratio	Lower	Upper
180	100		
182	97.7	78.4	117.6
184	30.9	24.4	36.6