Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038966.D
Acq On : 5 May 2022 9:45
Operator : SY/AP
Sample : VL0505ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0505ABS01

Quant Time: May 06 07:26:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 07:41:27 2022
QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1255789	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2974792	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3428033	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2266286	8.35	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 83.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	1848389	9.394	ppbv	98
3) Chlorodifluoromethane	2.99	51	1486973	9.542	ppbv	99
4) Chloromethane	3.14	50	736494	9.438	ppbv	99
5) Vinyl Chloride	3.26	62	700820	9.835	ppbv	97
6) Bromomethane	3.47	94	352110	10.460	ppbv	96
7) Chloroethane	3.55	64	241249	10.115	ppbv	97
8) Dichlorotetrafluoroethane	3.19	85	1766965	9.909	ppbv	98
9) Propene	3.01	41	631571	9.281	ppbv	96
10) Heptane	8.11	43	1588875	9.517	ppbv	98
11) Trichlorofluoromethane	3.95	101	1692984	10.028	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1173530	10.091	ppbv	98
13) Ethanol	3.61	45	10982	2.067	ppbv #	1
14) Bromoethene	3.74	108	506341	10.558	ppbv	98
15) Acetone	3.84	43	1173633	9.908	ppbv	99
16) 1,3-Butadiene	3.33	39	676095	9.934	ppbv	100
17) tert-Butyl alcohol	4.28	59	1049202	11.524	ppbv	98
18) 1,1-Dichloroethene	4.29	96	535413	10.697	ppbv	99
19) Isopropyl Alcohol	3.95	45	633922	11.255	ppbv	100
20) Methylene Chloride	4.34	84	433935	9.719	ppbv	98
21) Allyl Chloride	4.40	41	840331	10.410	ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	561038	10.377	ppbv	97
23) Vinyl Acetate	5.07	43	1026211	10.949	ppbv	99
24) 1,1-Dichloroethane	5.00	63	1093483	10.132	ppbv	99
25) Ethyl Acetate	5.66	43	2825751	9.966	ppbv	100
26) Hexane	5.68	57	1190228	9.448	ppbv	99
27) Carbon Disulfide	4.54	76	1345324	11.242	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	997590	10.408	ppbv	99
29) Chloroform	5.74	83	1995367	9.790	ppbv	99
30) Cyclohexane	7.12	84	995856	9.442	ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	1273684	9.924	ppbv	99
32) 1,1,1-Trichloroethane	6.50	97	2022359	9.924	ppbv	99
34) 2-Butanone	5.23	43	1354995	8.928	ppbv	97
35) Carbon Tetrachloride	7.01	117	2080834	10.616	ppbv	98
36) Benzene	6.88	78	2430222	9.546	ppbv	98
37) 1,2-Dichloroethane	6.29	62	1669484	10.599	ppbv	98
38) Trichloroethene	7.82	130	1058569	9.354	ppbv	98
39) 1,2-Dichloropropane	7.60	63	963813	9.730	ppbv	91
40) 1,4-Dioxane	7.82	88	164863	4.634	ppbv #	1
41) Tetrahydrofuran	6.04	42	1030533	10.103	ppbv	98
42) Bromodichloromethane	7.78	83	2204106	10.235	ppbv	97
43) Methyl Methacrylate	8.00	69	1050052	10.160	ppbv	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038966.D
Acq On : 5 May 2022 9:45
Operator : SY/AP
Sample : VL0505ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0505ABS01

Quant Time: May 06 07:26:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 07:41:27 2022
QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4206927	9.418	ppbv		99
45) t-1,3-Dichloropropene	9.26	75	1173746	11.732	ppbv		99
46) cis-1,3-Dichloropropene	8.69	75	1443538	10.881	ppbv		100
47) 1,1,2-Trichloroethane	9.46	97	983739	9.549	ppbv		98
48) Dibromochloromethane	10.29	129	1730069	10.317	ppbv		99
49) Bromoform	13.02	173	1300598	10.170	ppbv		98
50) 4-Methyl-2-Pentanone	8.73	43	2522762	9.480	ppbv		97
51) 2-Hexanone	10.11	43	2065346	10.633	ppbv		100
52) Tetrachloroethene	11.21	164	826428	9.084	ppbv		96
53) Toluene	9.79	91	2784069	9.757	ppbv		100
54) 1,2-Dibromoethane	10.60	107	1410041	10.053	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.11	131	1183165	7.866	ppbv		98
57) Chlorobenzene	12.13	112	1948772	7.584	ppbv		99
58) Ethyl Benzene	12.69	91	3711504	7.523	ppbv		98
59) m/p-Xylene	12.98	91	3328816	7.904	ppbv	#	40
60) o-Xylene	13.68	91	2968472	7.489	ppbv		99
61) Styrene	13.51	104	1710469	8.083	ppbv		99
62) Isopropylbenzene	14.65	105	4235100	8.370	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1630864	6.987	ppbv		99
64) n-propylbenzene	15.55	120	1075609	7.675	ppbv		96
65) tert-Butylbenzene	16.73	119	3733525	7.351	ppbv		99
66) Benzyl Chloride	16.97	91	604624	9.107	ppbv		98
67) sec-Butylbenzene	17.27	105	5393892	7.433	ppbv		99
69) p-Isopropyltoluene	17.63	119	4530561	7.728	ppbv		100
70) n-Butylbenzene	18.53	91	5084198	8.163	ppbv		100
71) 2-Chlorotoluene	15.44	91	3200611	7.162	ppbv		99
72) 4-Ethyltoluene	15.82	105	3572100	7.908	ppbv		99
73) 1,3,5-Trimethylbenzene	15.98	105	3214616	7.905	ppbv		100
74) 1,2,4-Trimethylbenzene	16.74	105	3410212	7.659	ppbv		96
75) 1,3-Dichlorobenzene	16.98	146	1908981	7.825	ppbv		99
76) 1,4-Dichlorobenzene	17.12	146	1905134	7.938	ppbv		99
77) 1,2-Dichlorobenzene	17.80	146	1932487	8.009	ppbv		100
78) Hexachloro-1,3-Butadiene	23.36	225	1797321	8.105	ppbv		100
79) Naphthalene	22.17	128	3929311	10.864	ppbv		99
80) Naphthalene,2-methyl-	24.95	142	1096958	10.026	ppbv		98
81) 1,2,4-Trichlorobenzene	21.90	180	2024755	9.554	ppbv		100

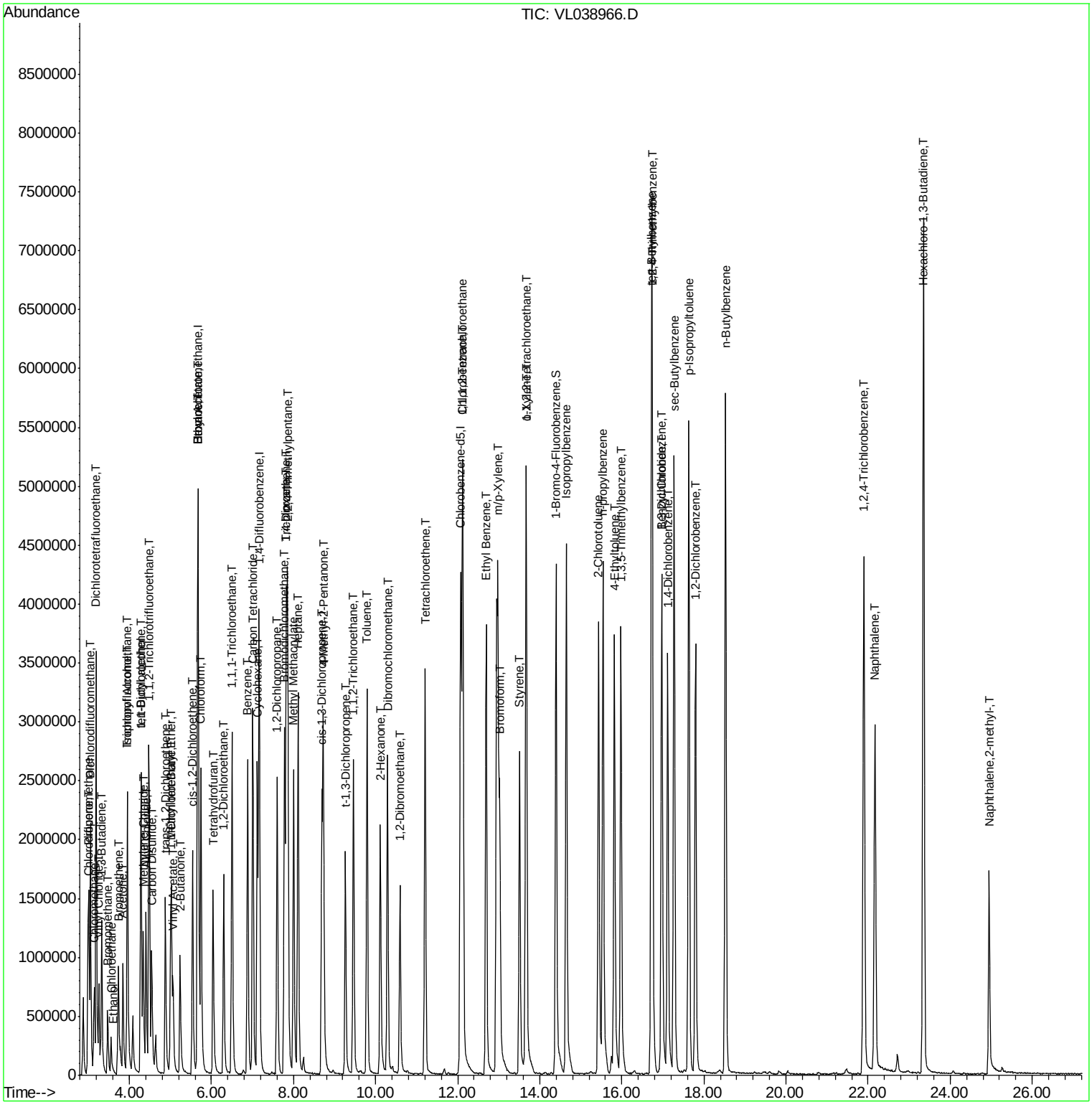
(#) = qualifier out of range (m) = manual integration (+) = signals summed

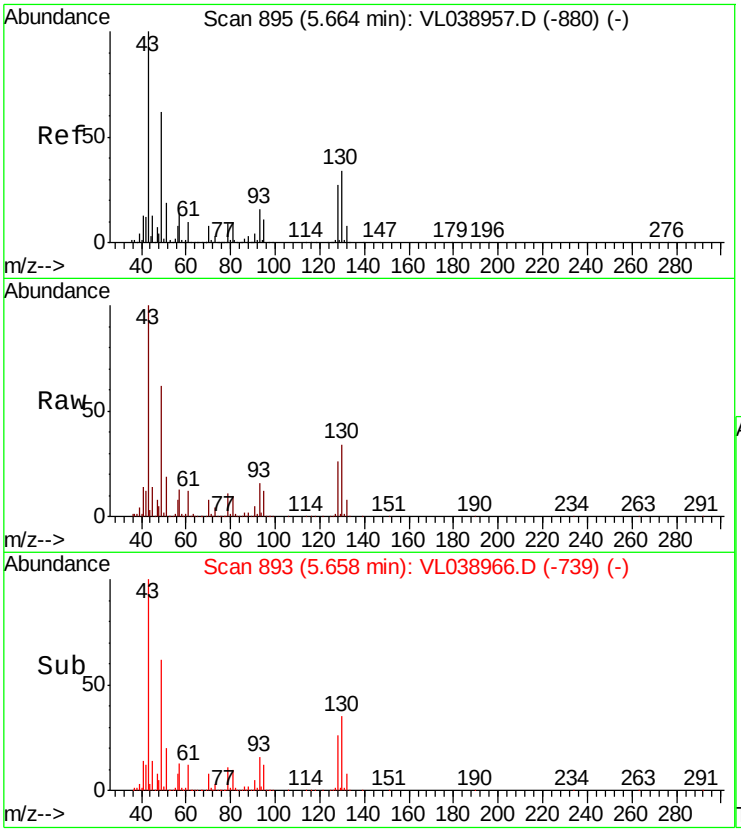
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038966.D
Acq On : 5 May 2022 9:45
Operator : SY/AP
Sample : VL0505ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Quant Time: May 06 07:26:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 07:41:27 2022
QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration



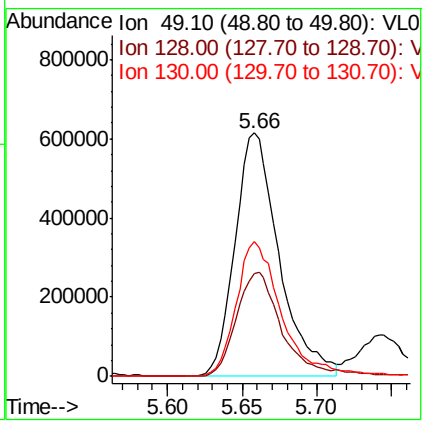


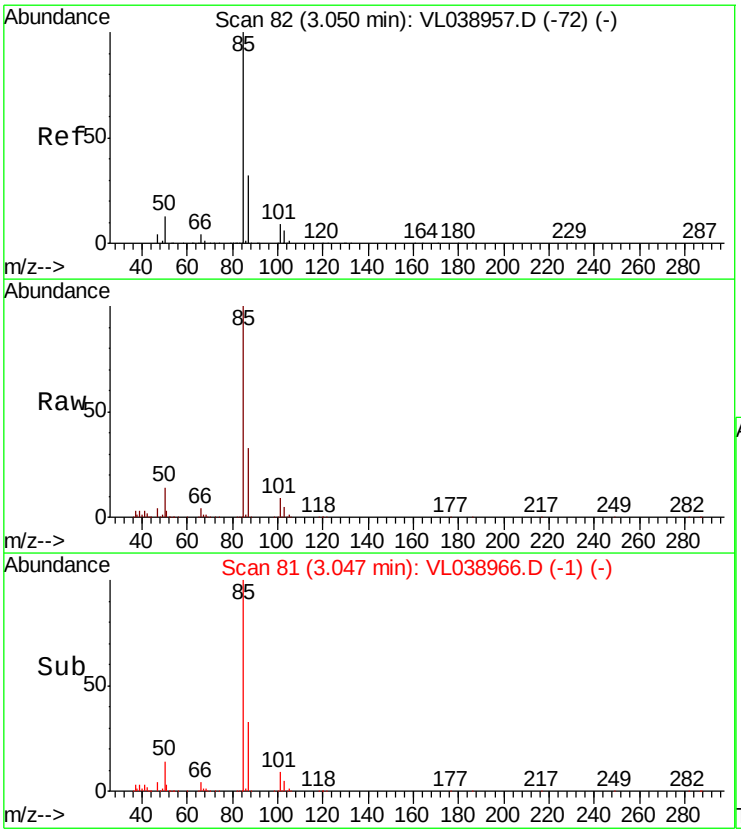
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 49 Resp: 1255789

Ion	Ratio	Lower	Upper
49	100		
128	45.5	23.3	69.8
130	58.1	29.8	89.3

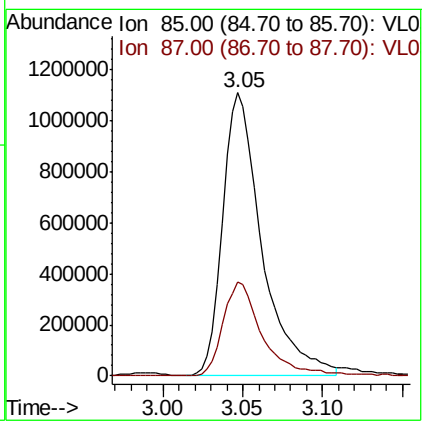


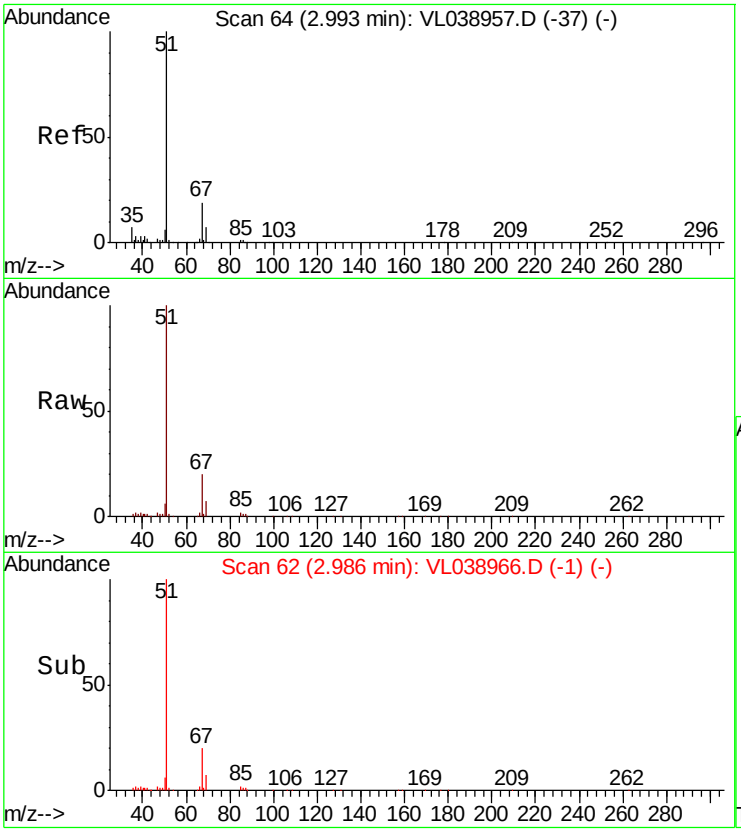


#2
Dichlorodifluoromethane
Concen: 9.394 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 85 Resp: 1848389

Ion	Ratio	Lower	Upper
85	100		
87	33.0	25.7	38.5



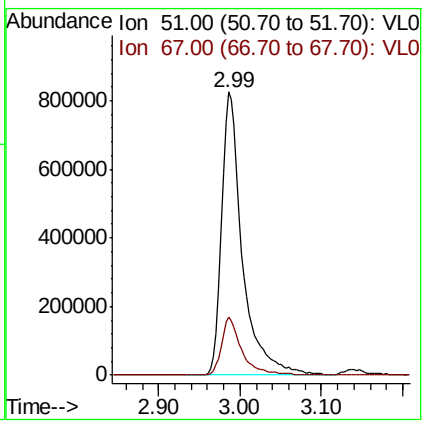


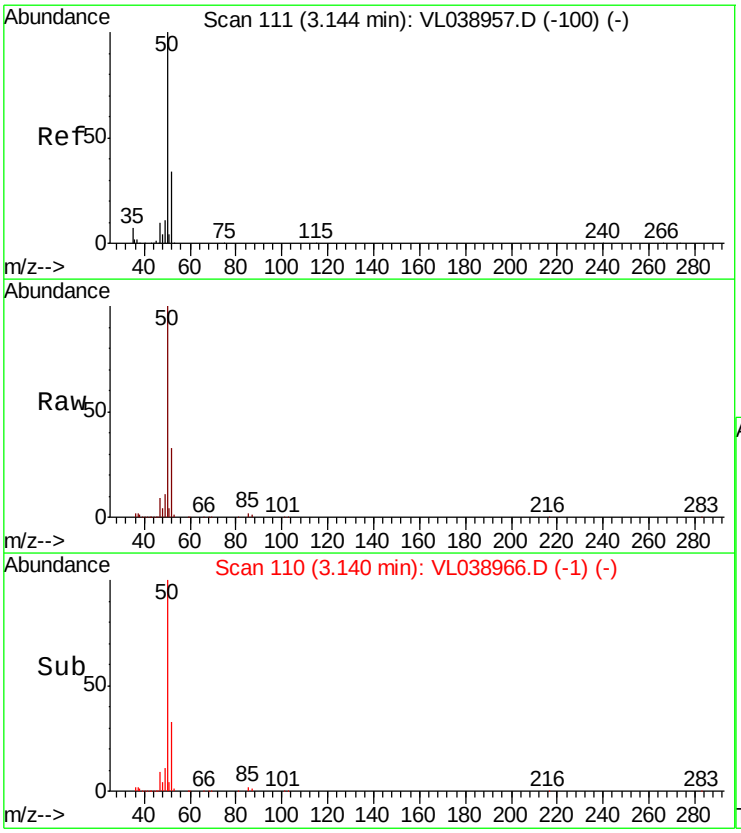
#3
Chlorodifluoromethane
Concen: 9.542 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 51 Resp: 1486973

Ion	Ratio	Lower	Upper
51	100		
67	20.1	15.8	23.8

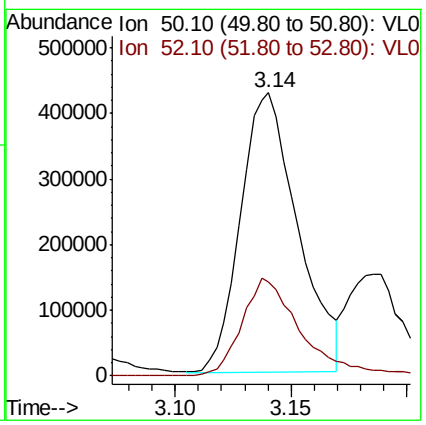


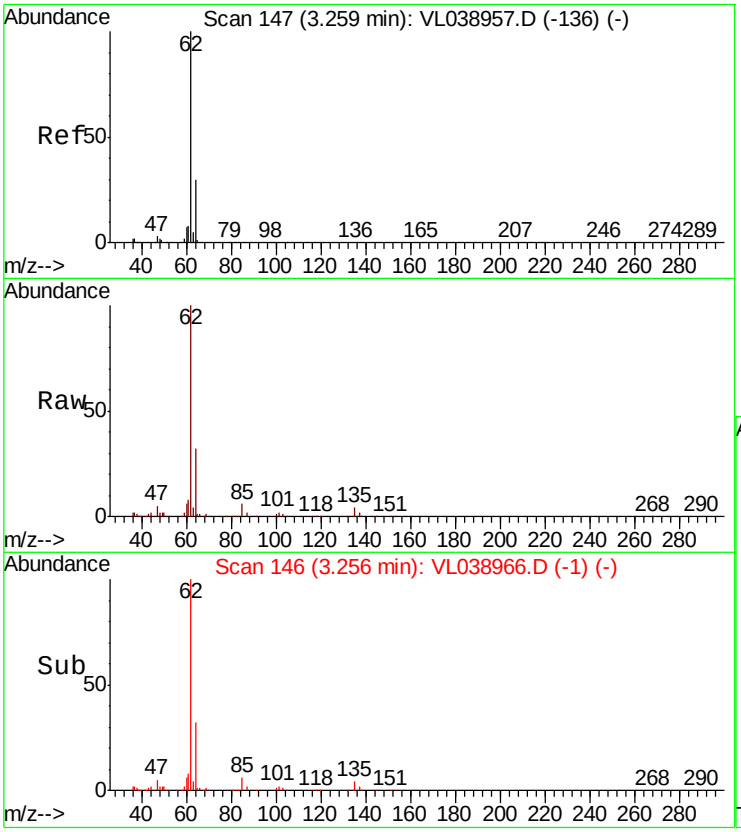


#4
Chloromethane
Concen: 9.438 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 50 Resp: 736494

Ion	Ratio	Lower	Upper
50	100		
52	33.7	27.3	40.9



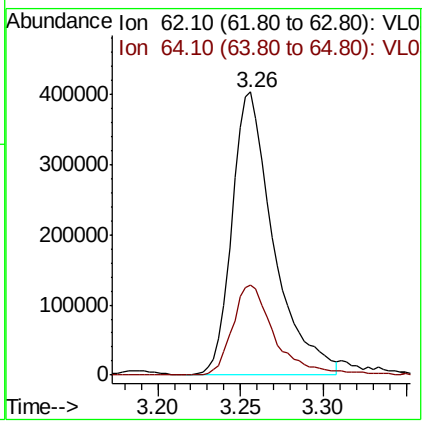


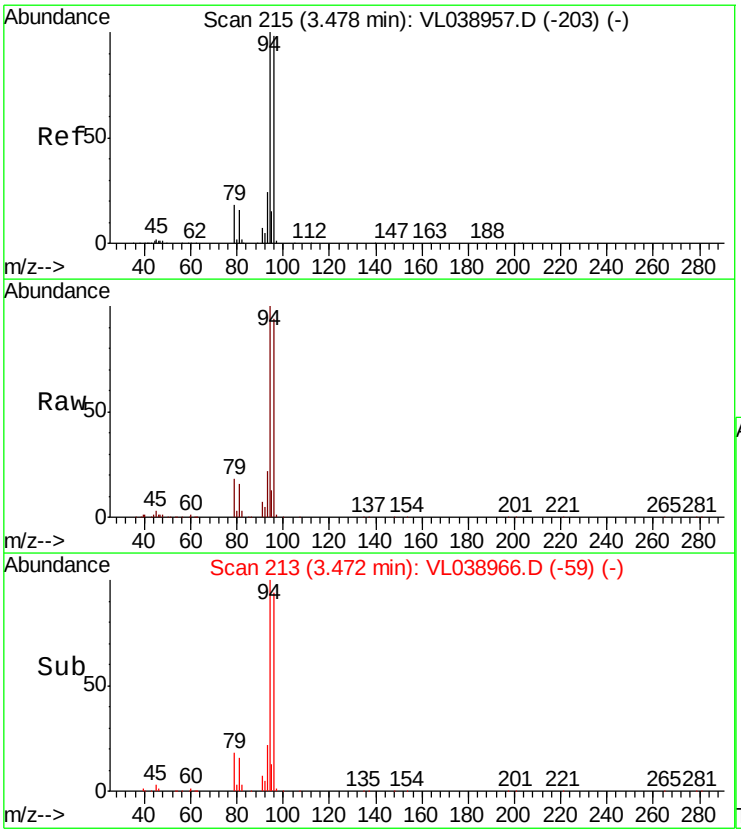
#5
Vinyl Chloride
Concen: 9.835 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 62 Resp: 700820

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.2	36.4

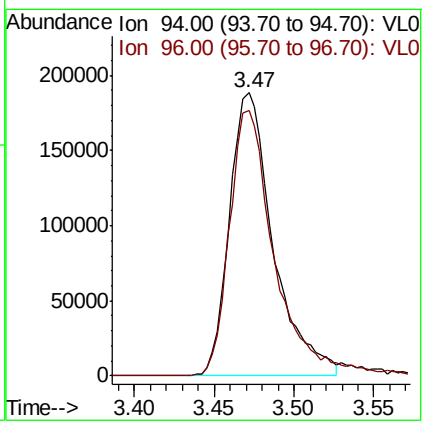


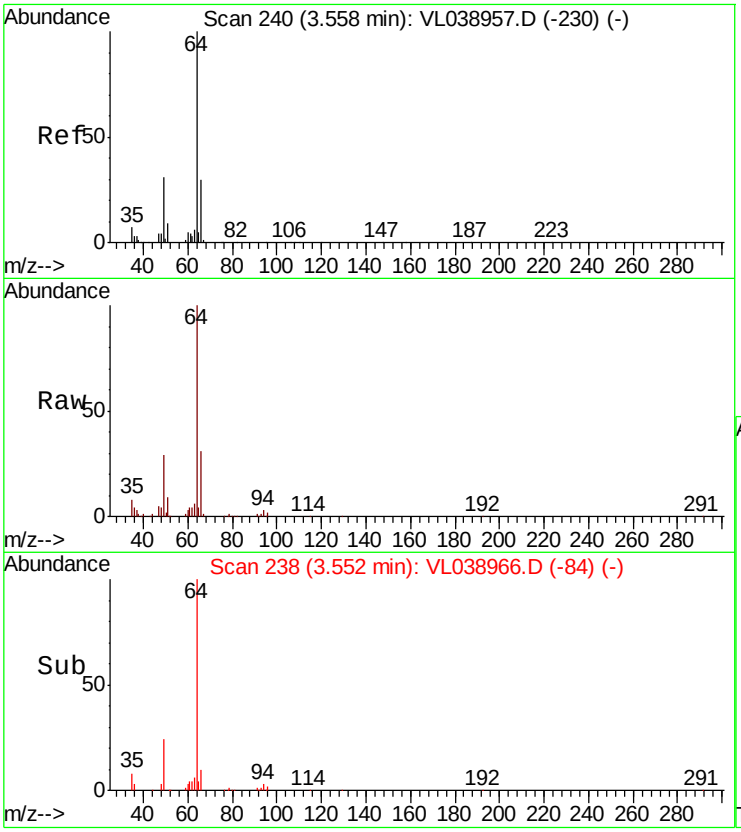


#6
Bromomethane
Concen: 10.460 ppbv
RT: 3.47 min Scan# 213
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 94 Resp: 352110

Ion	Ratio	Lower	Upper
94	100		
96	93.7	78.1	117.1



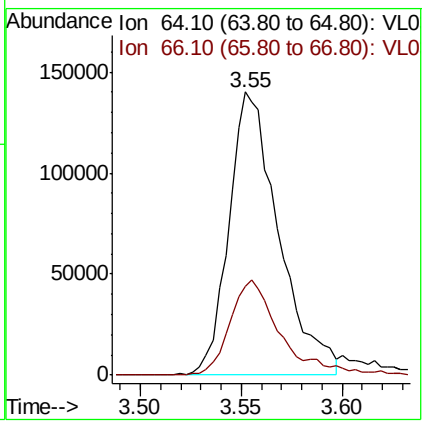


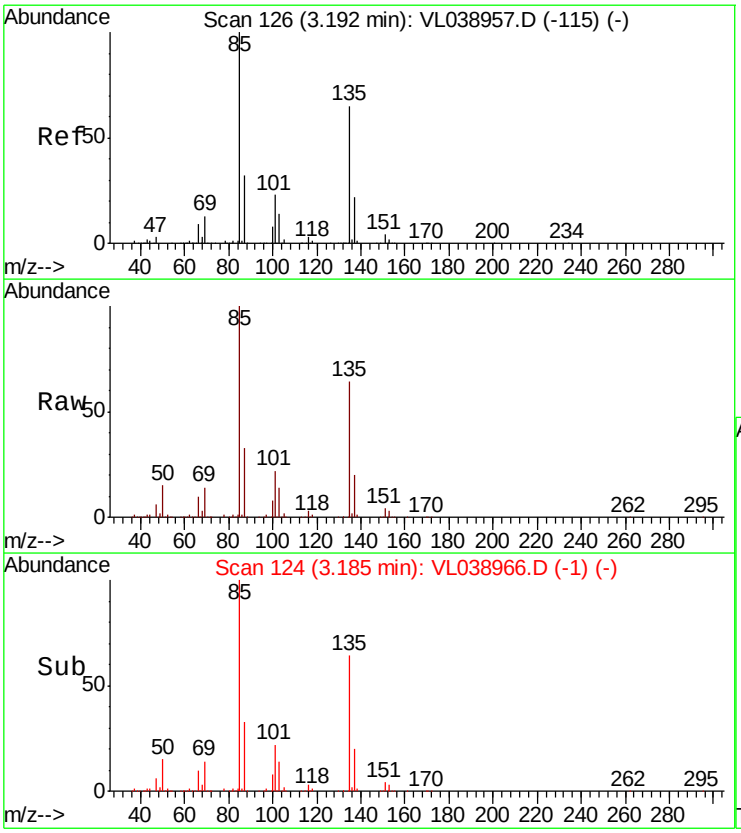
#7
Chloroethane
Concen: 10.115 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 64 Resp: 241249

Ion	Ratio	Lower	Upper
64	100		
66	31.3	23.8	35.8

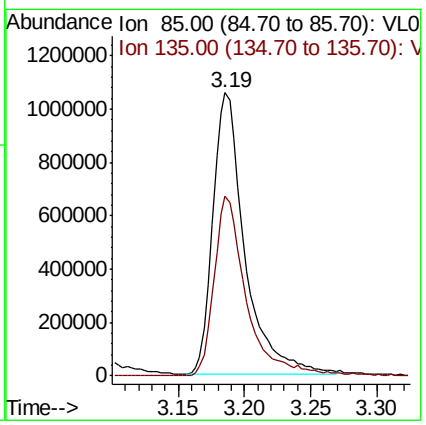


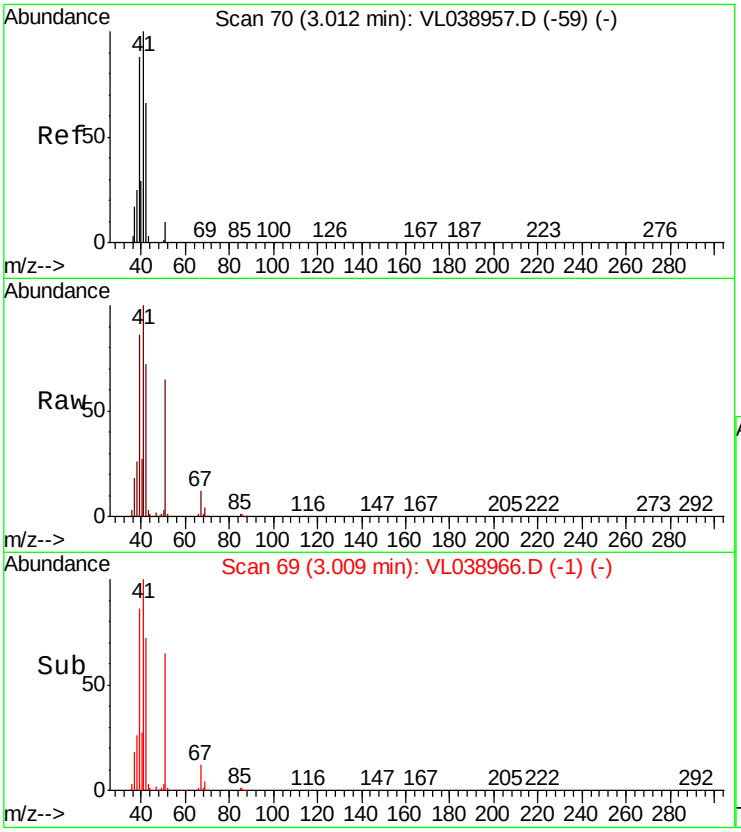


#8
Dichlorotetrafluoroethane
Concen: 9.909 ppbv
RT: 3.19 min Scan# 124
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 85 Resp: 1766965

Ion	Ratio	Lower	Upper
85	100		
135	65.2	53.6	80.4



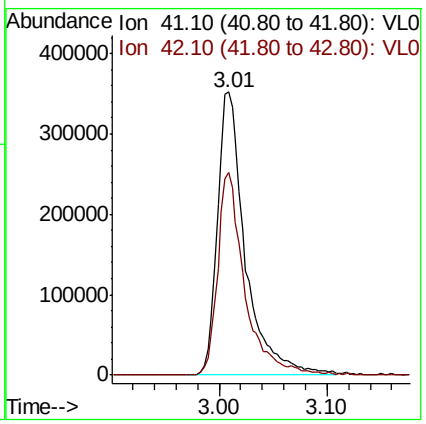


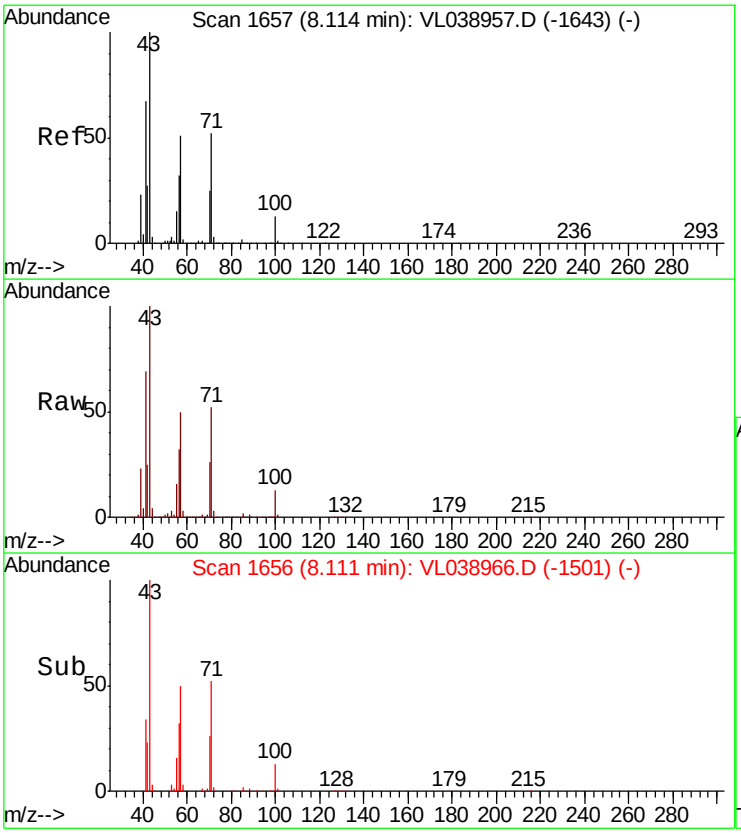
#9
Propene
Concen: 9.281 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 41 Resp: 631571

Ion	Ratio	Lower	Upper
41	100		
42	69.9	58.3	87.5

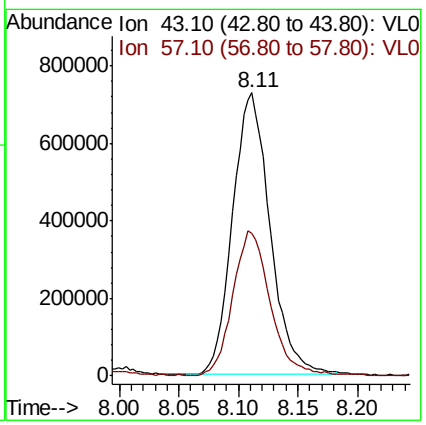


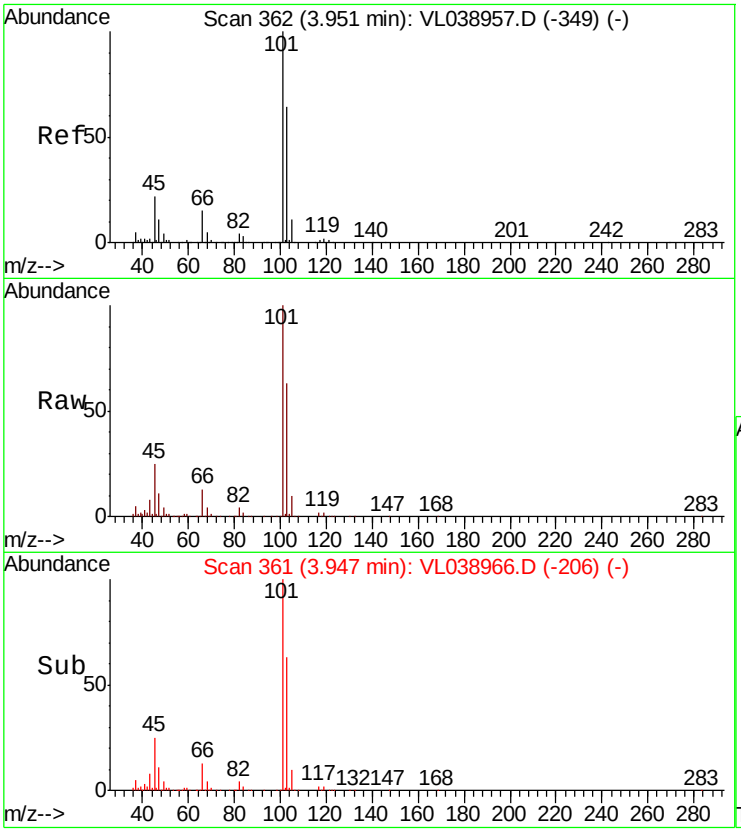


#10
Heptane
Concen: 9.517 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 43 Resp: 1588875

Ion	Ratio	Lower	Upper
43	100		
57	51.6	40.5	60.7



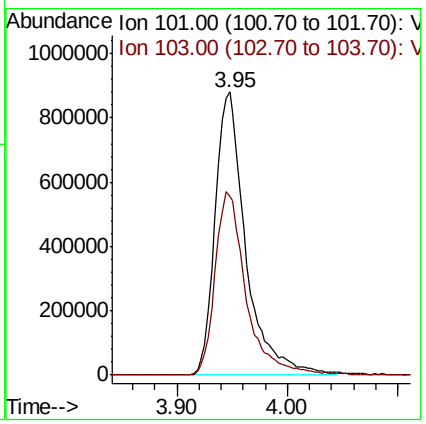


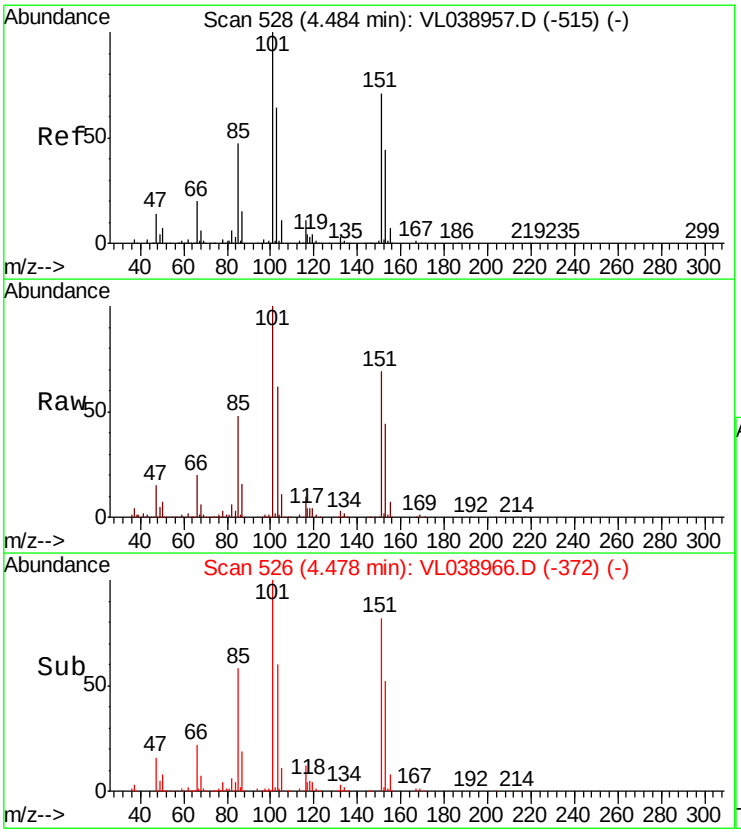
#11
Trichlorofluoromethane
Concen: 10.028 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:101 Resp: 1692984

Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.5	77.3

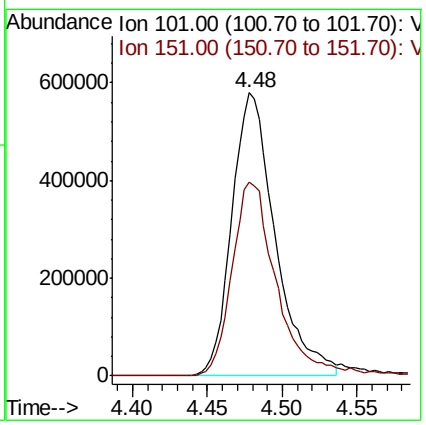


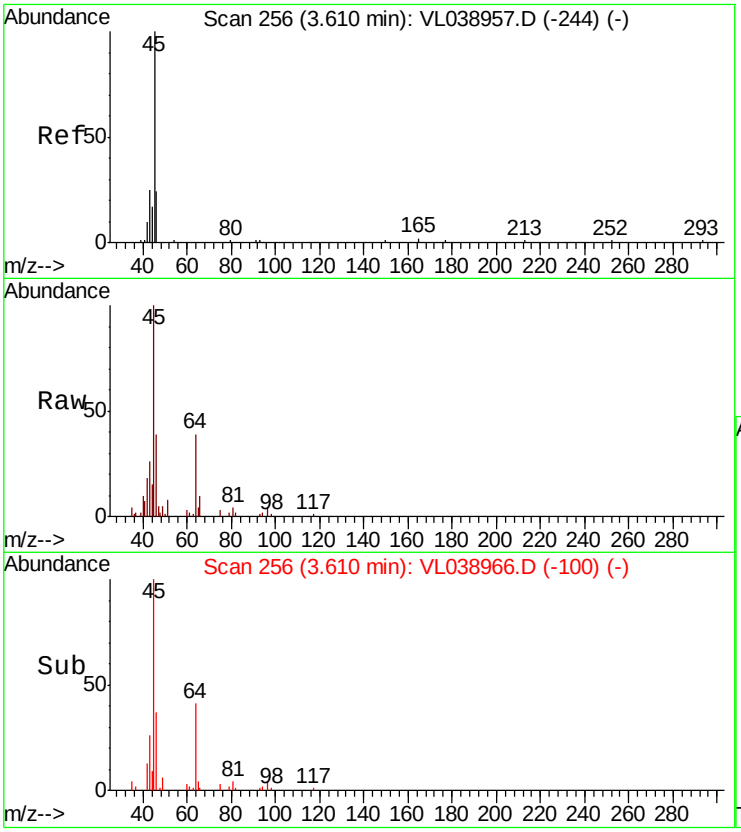


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.091 ppbv
RT: 4.48 min Scan# 526
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:101 Resp: 1173530

Ion	Ratio	Lower	Upper
101	100		
151	71.1	55.4	83.0



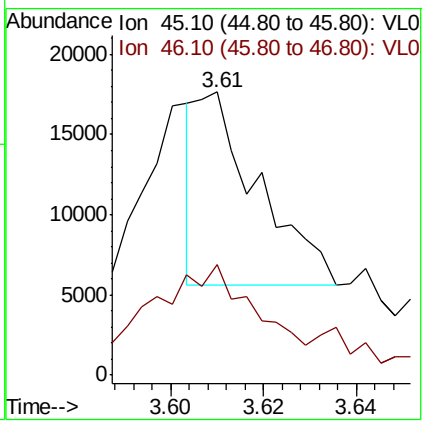


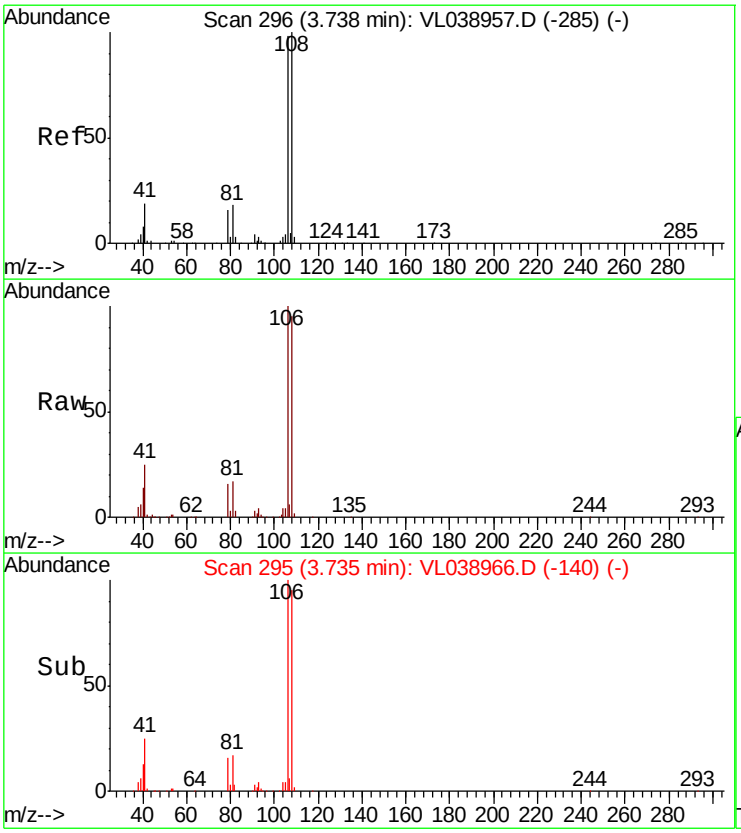
#13
Ethanol
Concen: 2.067 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 45 Resp: 10982

Ion	Ratio	Lower	Upper
45	100		
46	153.5	18.0	72.2#

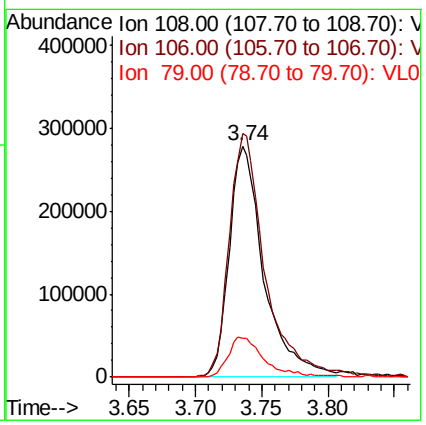


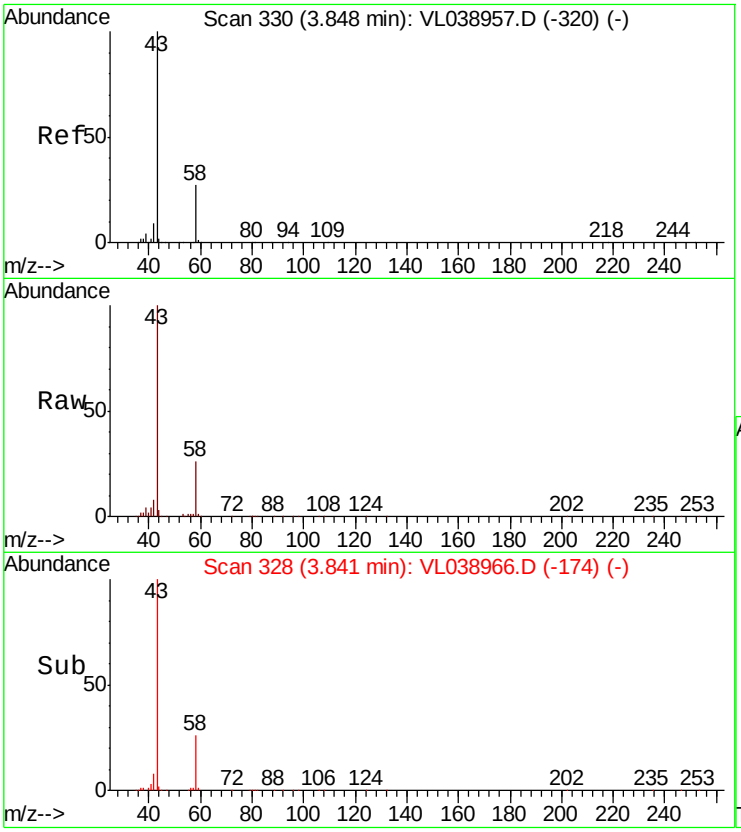


#14
Bromoethene
Concen: 10.558 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:108 Resp: 506341

Ion	Ratio	Lower	Upper
108	100		
106	110.6	90.3	135.5
79	18.9	14.9	22.3



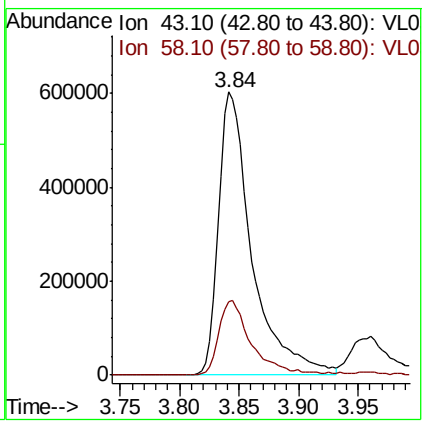


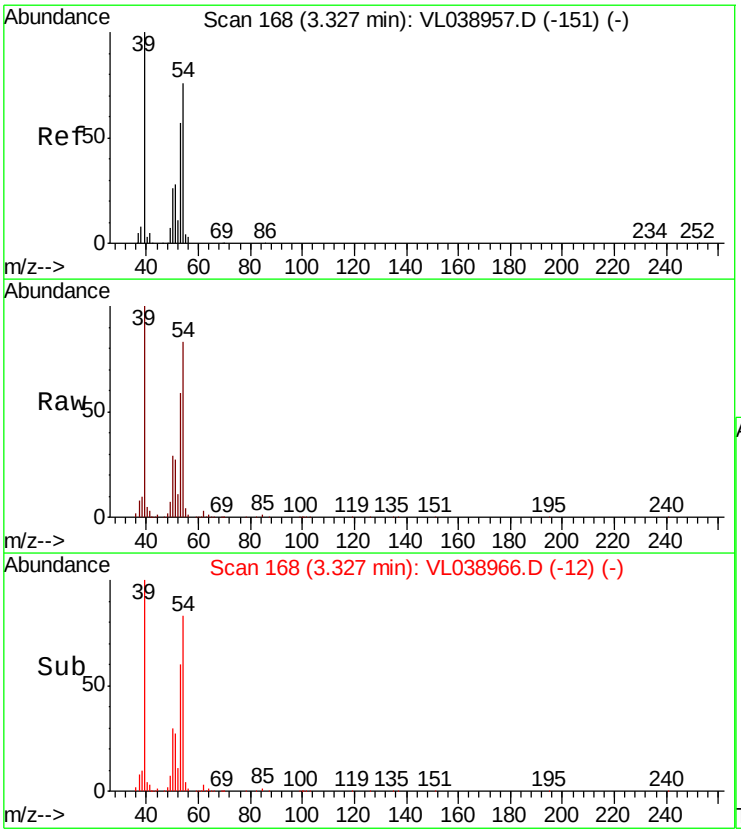
#15
Acetone
Concen: 9.908 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 43 Resp: 1173633

Ion	Ratio	Lower	Upper
43	100		
58	26.3	21.3	31.9

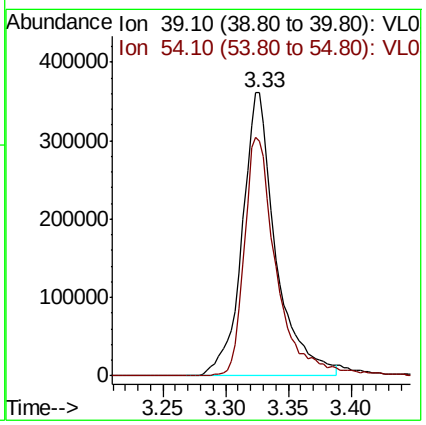


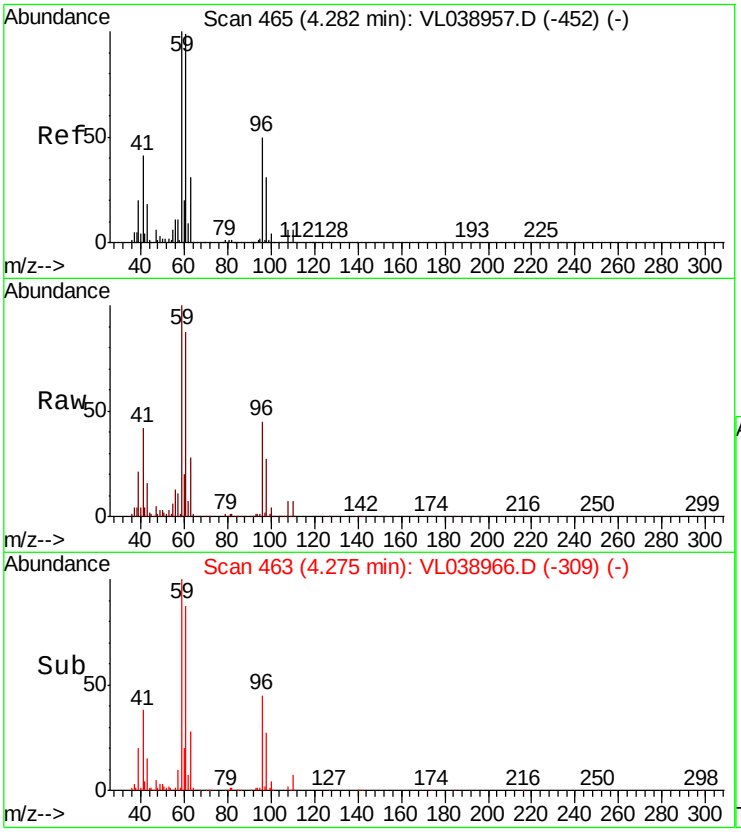


#16
1,3-Butadiene
Concen: 9.934 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 39 Resp: 676095

Ion	Ratio	Lower	Upper
39	100		
54	81.3	65.2	97.8



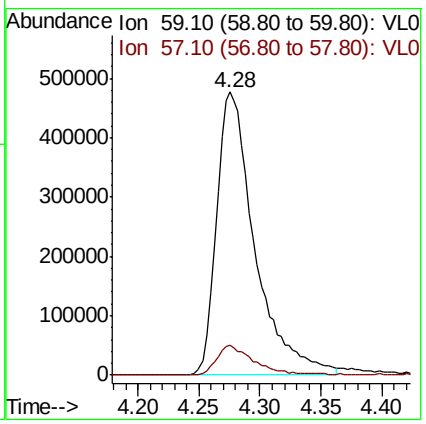


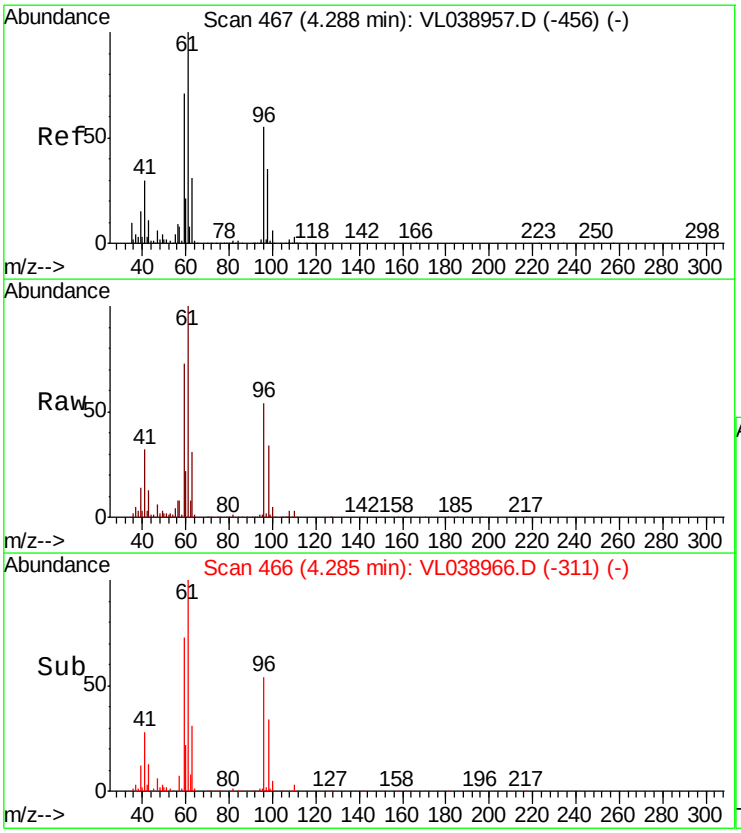
#17
tert-Butyl alcohol
Concen: 11.524 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 59 Resp: 1049202

Ion	Ratio	Lower	Upper
59	100		
57	10.7	9.2	13.8

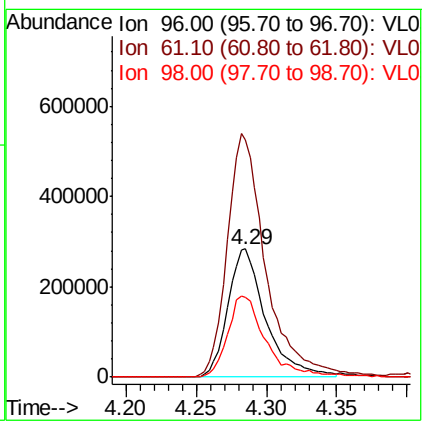


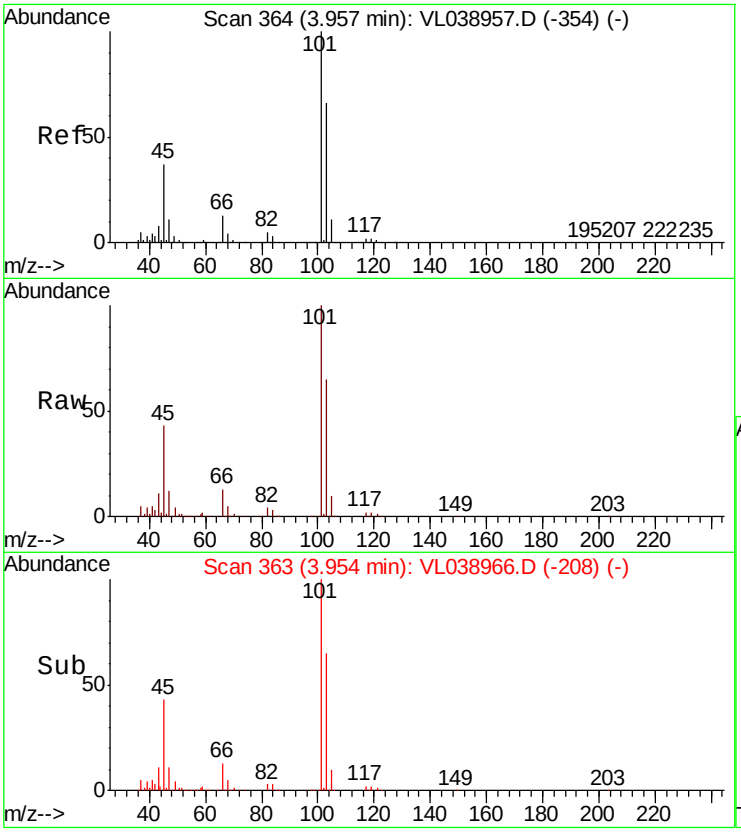


#18
1,1-Dichloroethene
Concen: 10.697 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 96 Resp: 535413

Ion	Ratio	Lower	Upper
96	100		
61	184.8	146.3	219.5
98	62.1	50.6	75.8



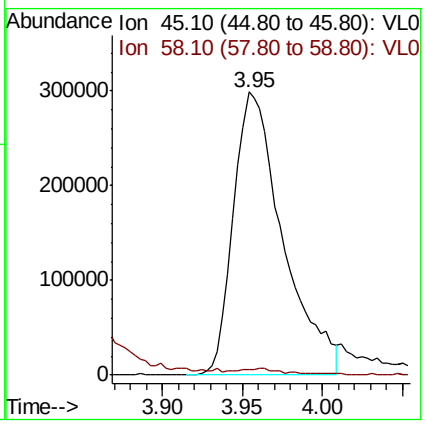


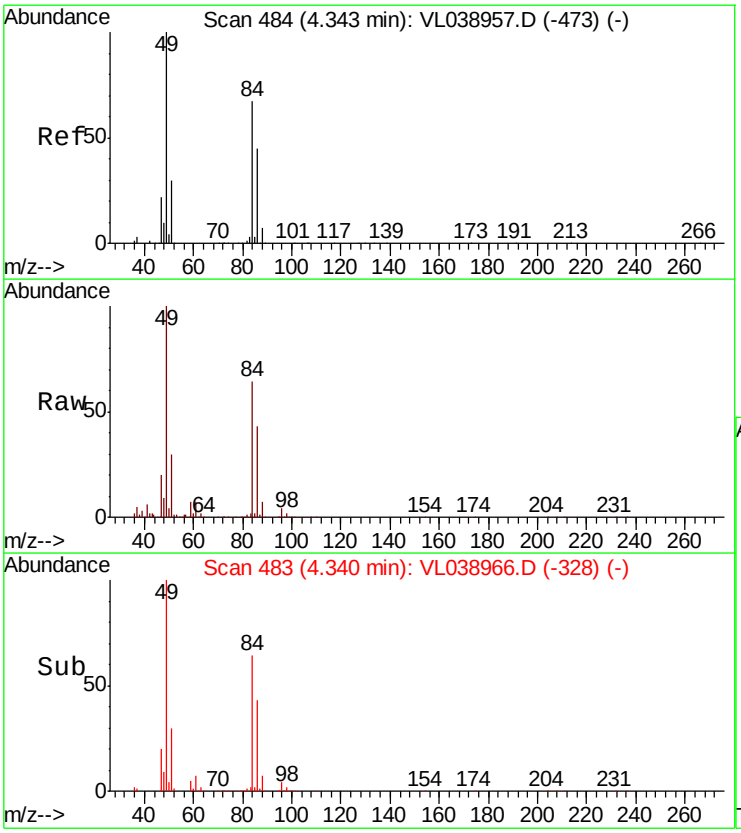
#19
Isopropyl Alcohol
Concen: 11.255 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 45 Resp: 633922

Ion	Ratio	Lower	Upper
45	100		
58	1.9	1.4	2.2

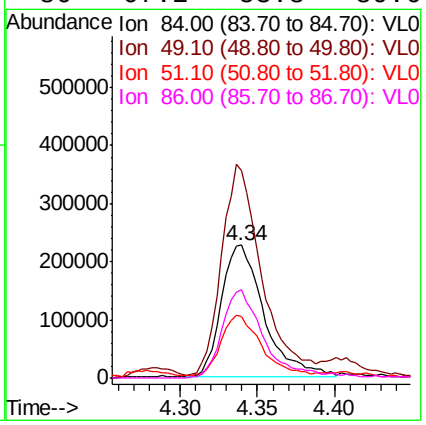


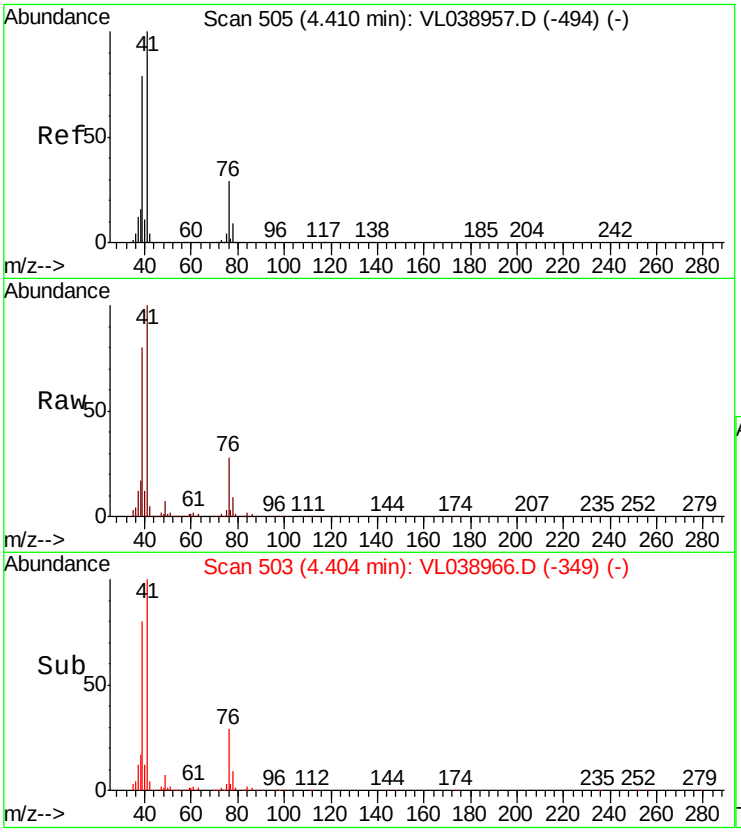


#20
Methylene Chloride
Concen: 9.719 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 84 Resp: 433935

Ion	Ratio	Lower	Upper
84	100		
49	155.1	119.9	179.9
51	45.2	35.7	53.5
86	67.2	53.8	80.6



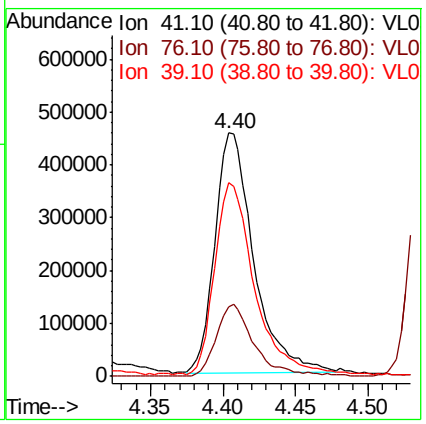


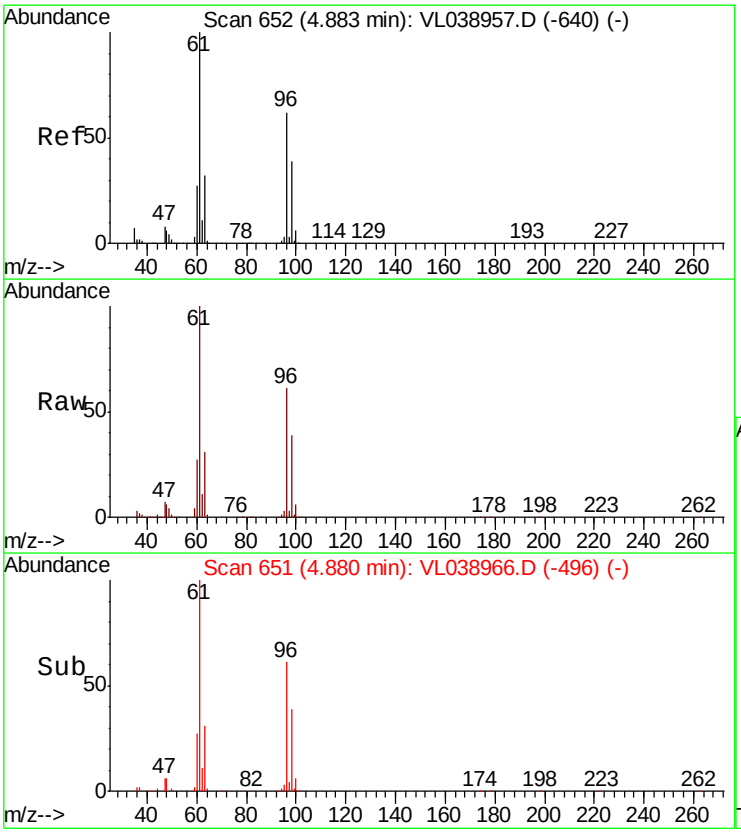
#21
Allyl Chloride
Concen: 10.410 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 41 Resp: 840331

Ion	Ratio	Lower	Upper
41	100		
76	29.6	24.2	36.4
39	83.5	63.8	95.8

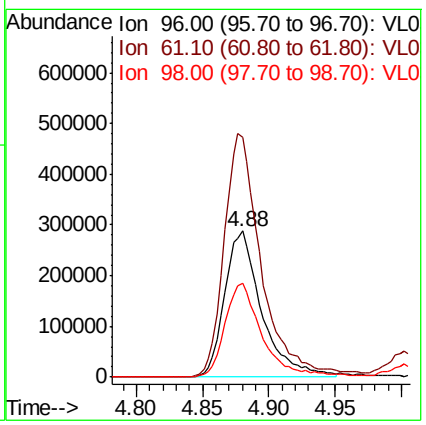


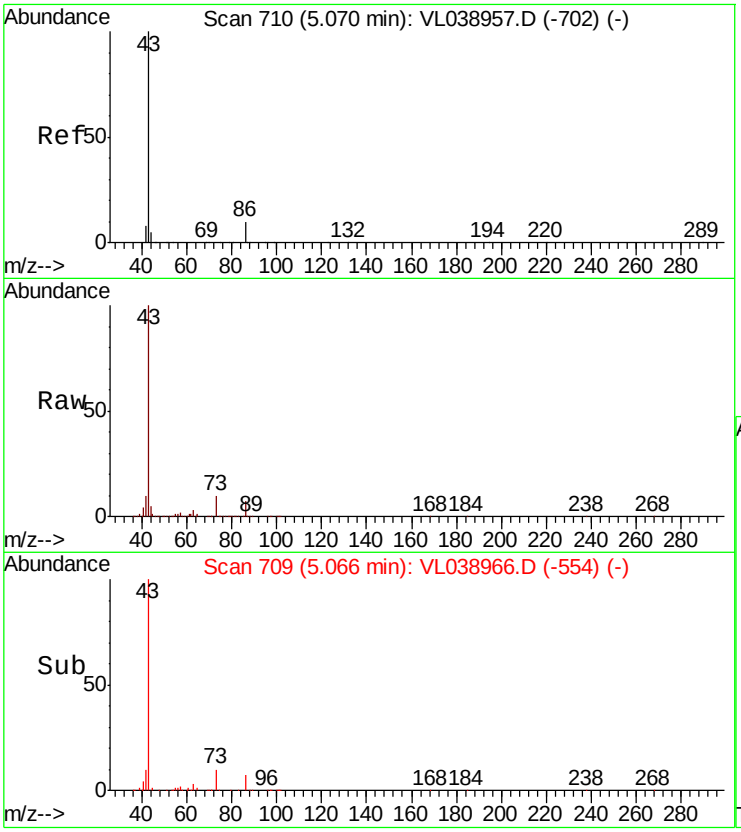


#22
trans-1,2-Dichloroethene
Concen: 10.377 ppbv
RT: 4.88 min Scan# 651
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 96 Resp: 561038

Ion	Ratio	Lower	Upper
96	100		
61	164.7	128.2	192.2
98	64.3	50.1	75.1



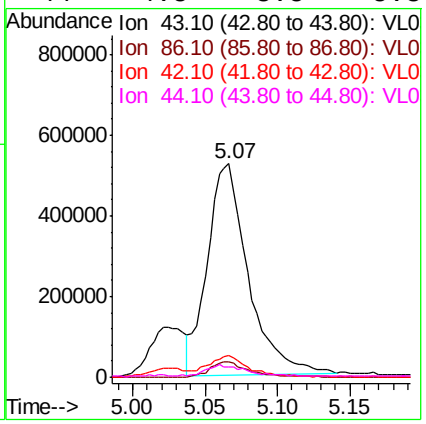


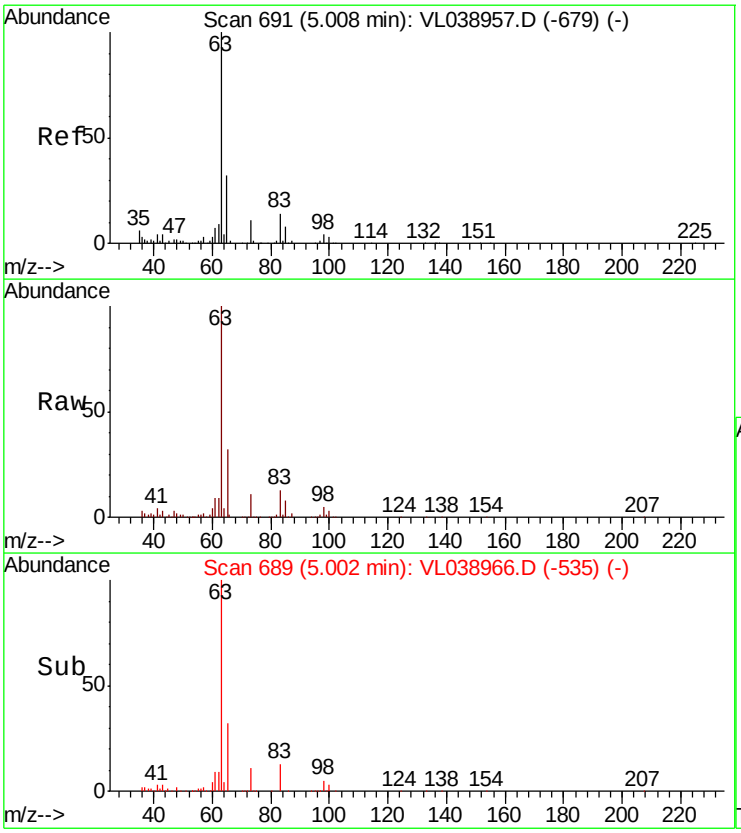
#23
Vinyl Acetate
Concen: 10.949 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 43 Resp: 1026211

Ion	Ratio	Lower	Upper
43	100		
86	6.9	6.6	9.8
42	10.2	8.1	12.1
44	4.5	3.5	5.3

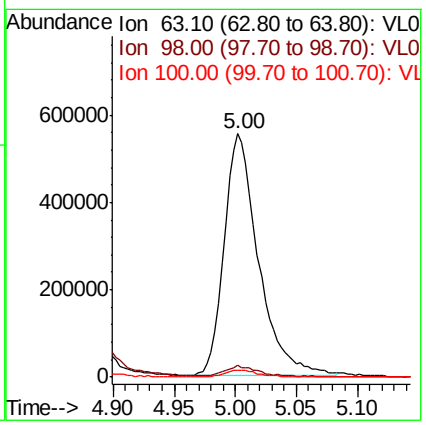


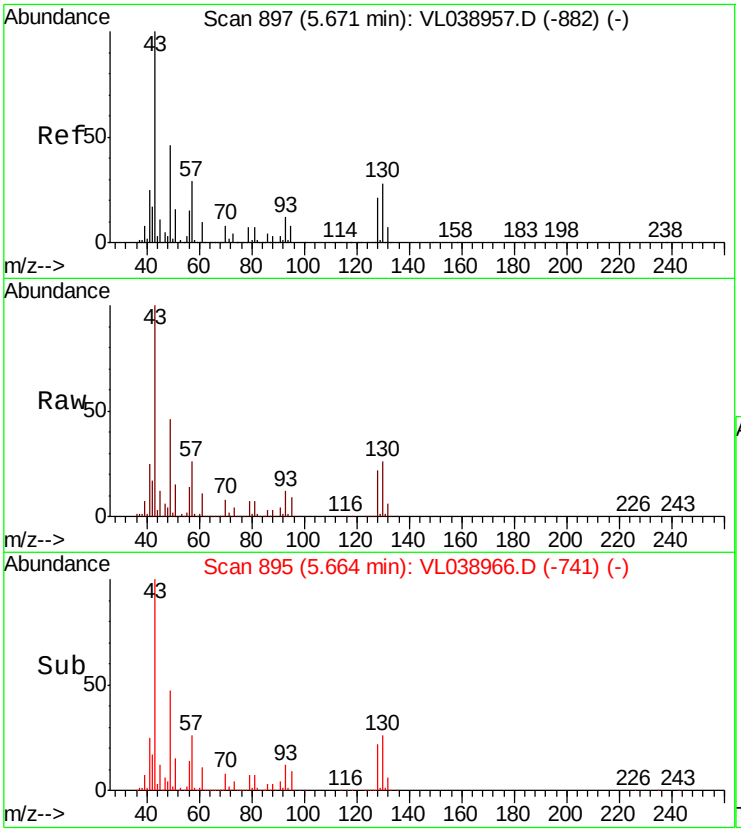


#24
1,1-Dichloroethane
Concen: 10.132 ppbv
RT: 5.00 min Scan# 689
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 63 Resp: 1093483

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.2
100	3.0	1.4	4.2



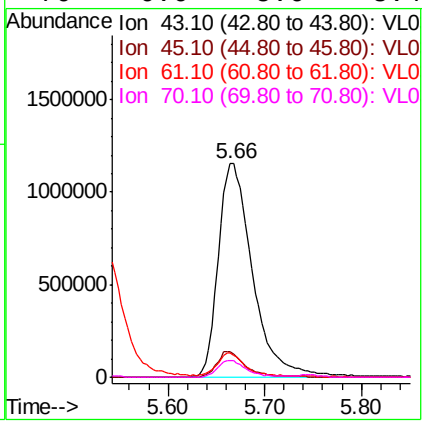


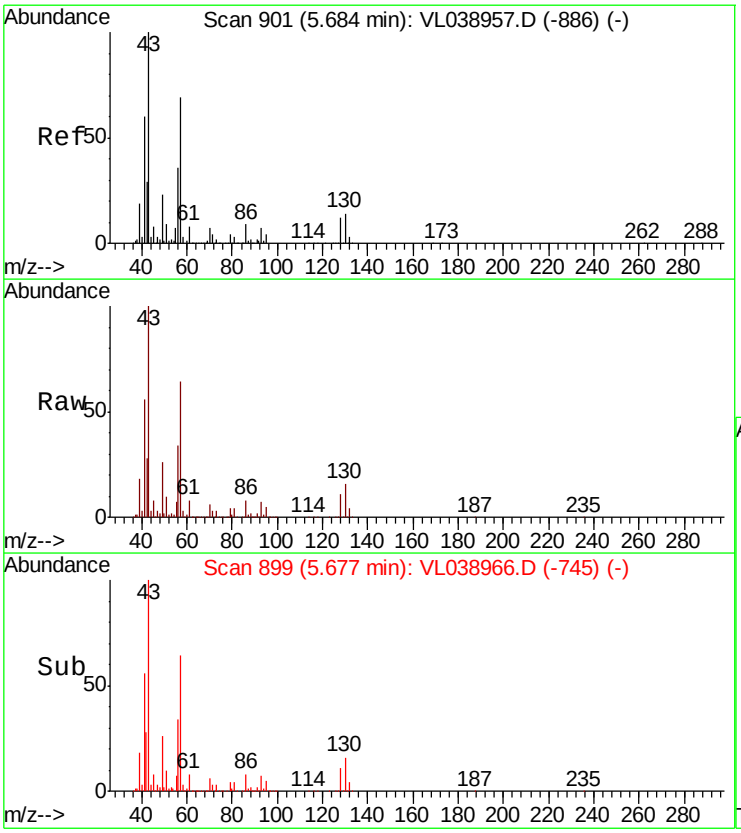
#25
Ethyl Acetate
Concen: 9.966 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 43 Resp: 2825751

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.1	12.1
61	9.8	7.8	11.6
70	6.6	5.6	8.4

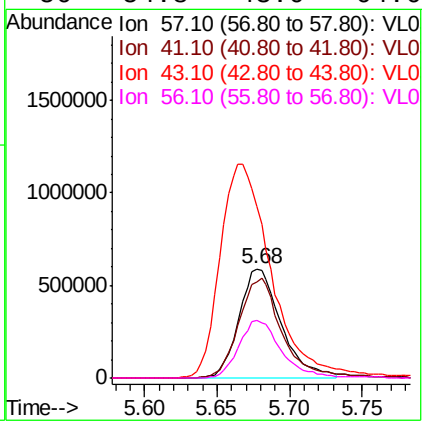


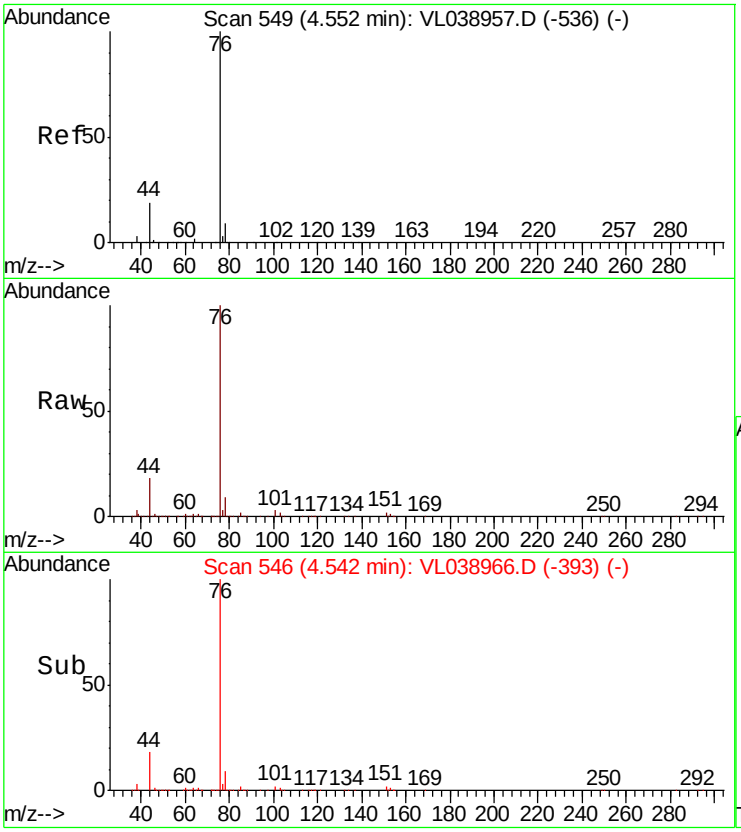


#26
Hexane
Concen: 9.448 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 57 Resp: 1190228

Ion	Ratio	Lower	Upper
57	100		
41	94.3	75.2	112.8
43	239.9	190.8	286.2
56	54.8	43.0	64.6



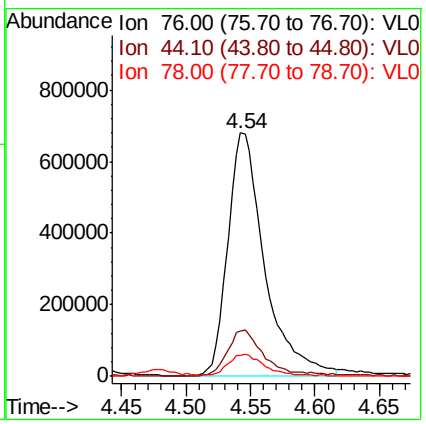


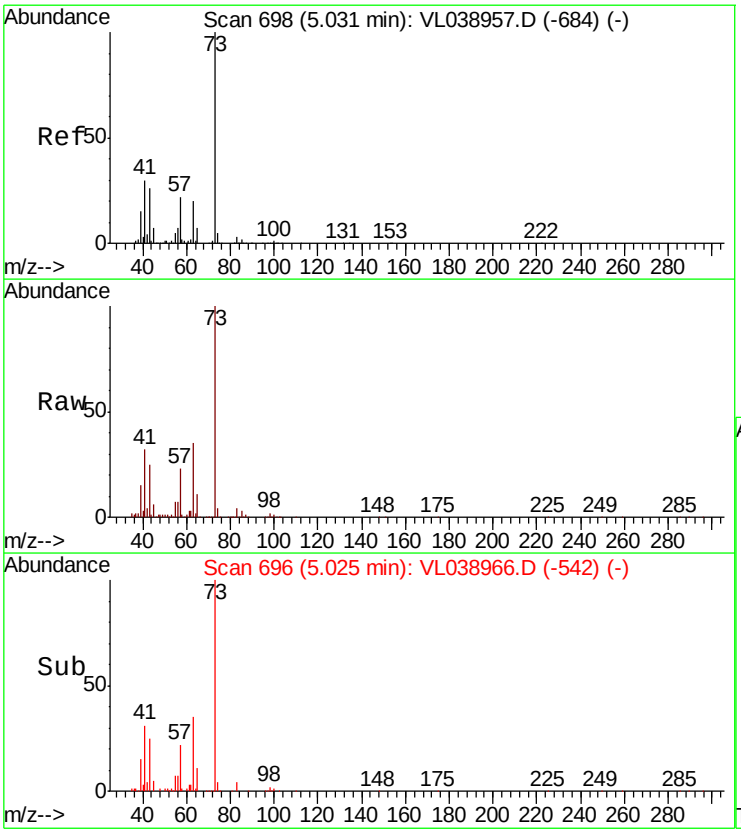
#27
Carbon Disulfide
Concen: 11.242 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 76 Resp: 1345324

Ion	Ratio	Lower	Upper
76	100		
44	19.6	15.3	22.9
78	9.6	8.2	12.2

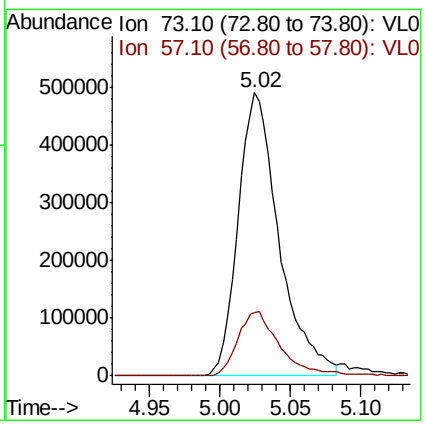


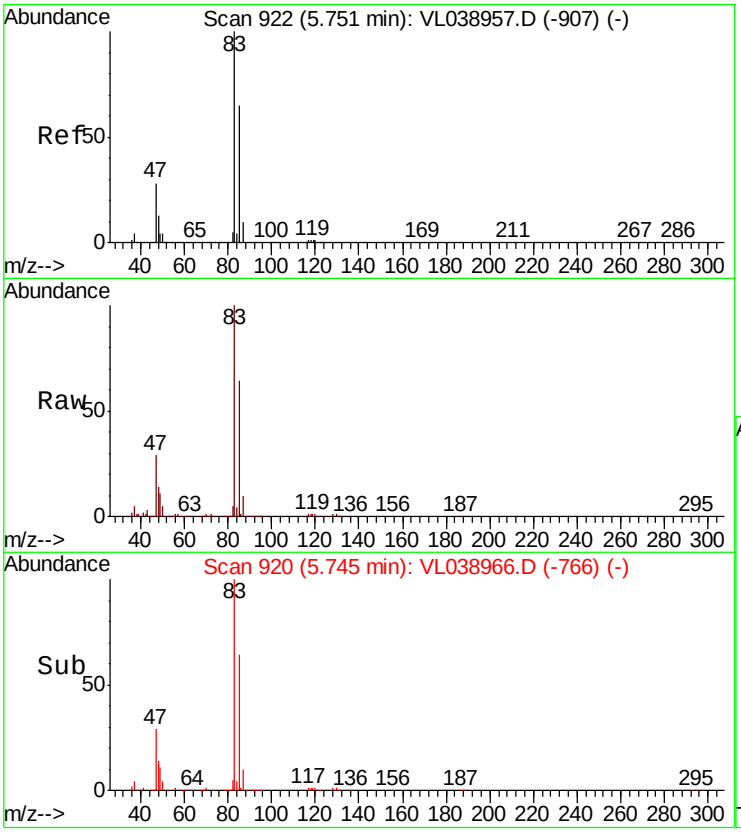


#28
Methyl tert-Butyl Ether
Concen: 10.408 ppbv
RT: 5.02 min Scan# 696
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 73 Resp: 997590

Ion	Ratio	Lower	Upper
73	100		
57	24.1	18.8	28.2



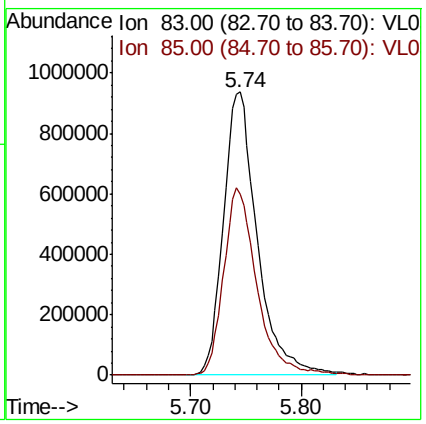


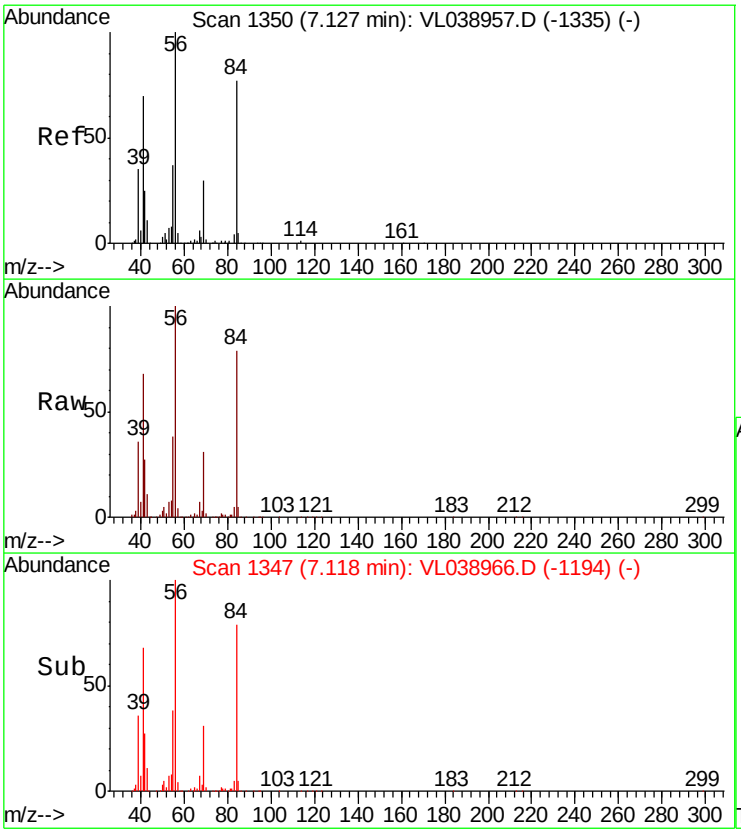
#29
Chloroform
Concen: 9.790 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 83 Resp: 1995367

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.6

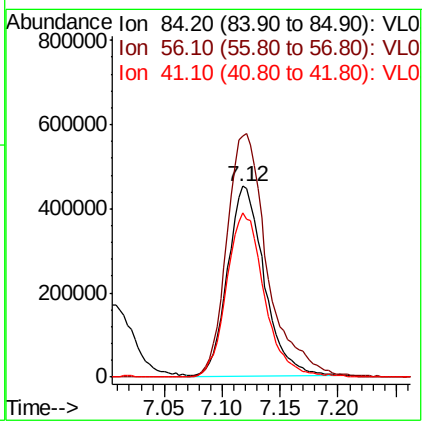


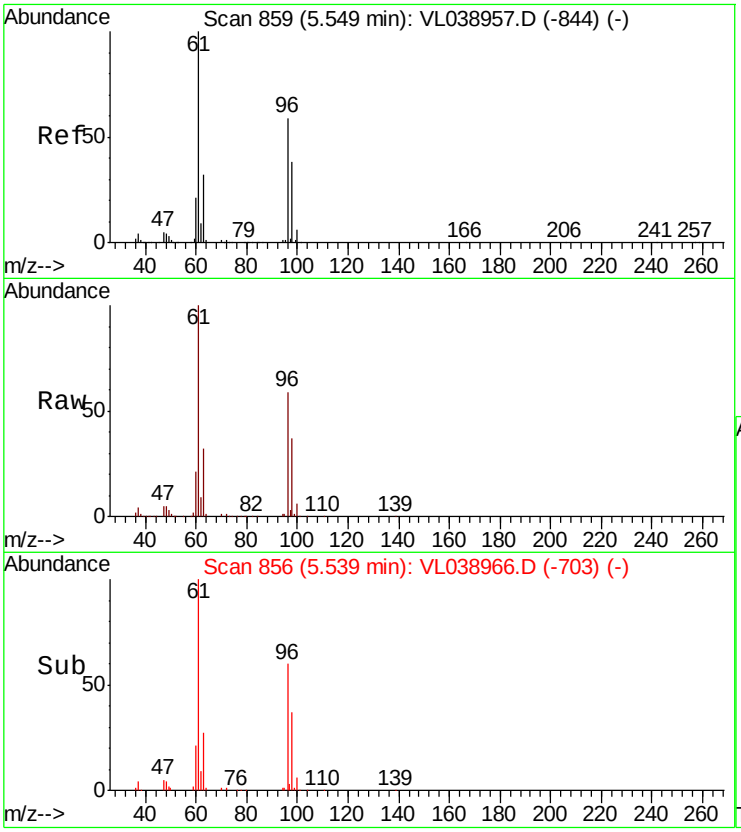


#30
Cyclohexane
Concen: 9.442 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 84 Resp: 995856

Ion	Ratio	Lower	Upper
84	100		
56	142.5	115.3	172.9
41	89.1	72.0	108.0



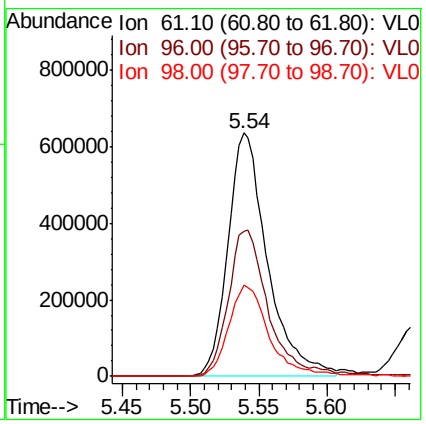


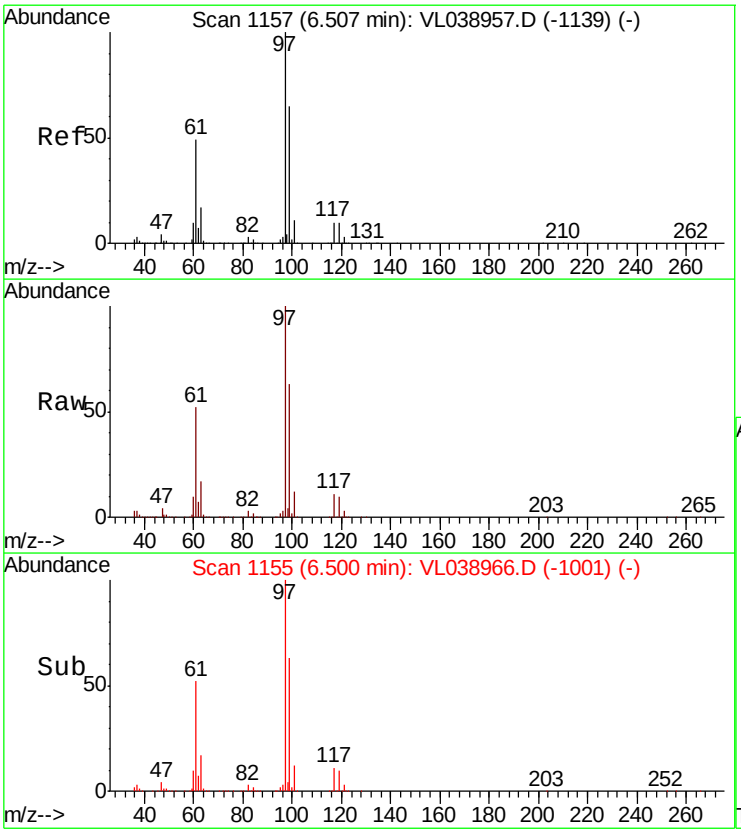
#31
cis-1,2-Dichloroethene
Concen: 9.924 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 61 Resp: 1273684

Ion	Ratio	Lower	Upper
61	100		
96	59.5	47.4	71.0
98	37.4	30.6	45.8

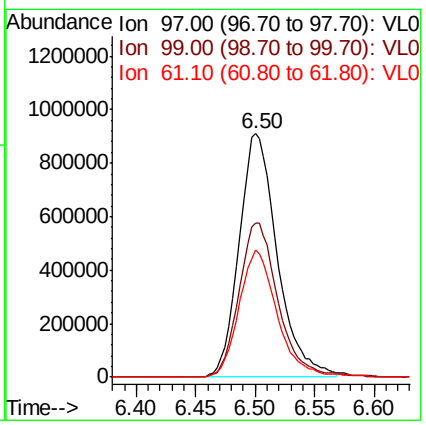


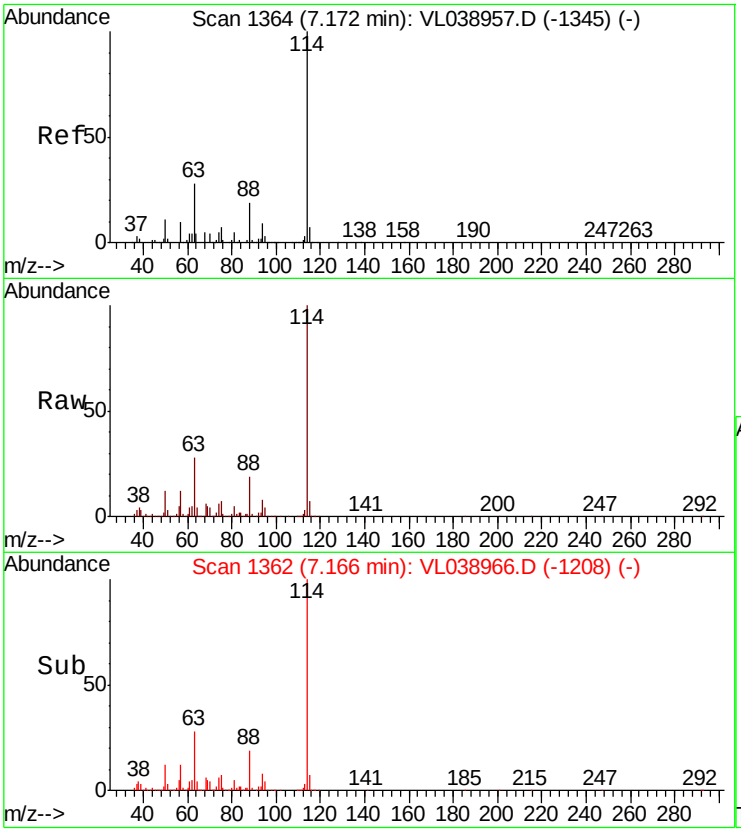


#32
1,1,1-Trichloroethane
Concen: 9.924 ppbv
RT: 6.50 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 97 Resp: 2022359

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.9	77.9
61	52.2	40.9	61.3



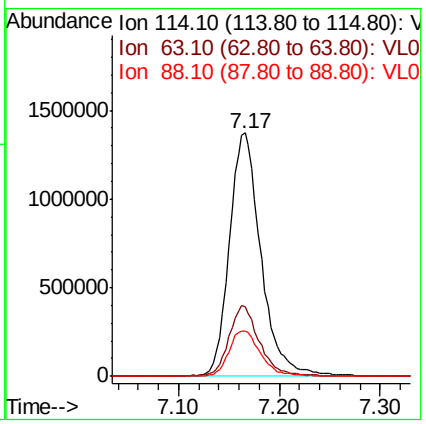


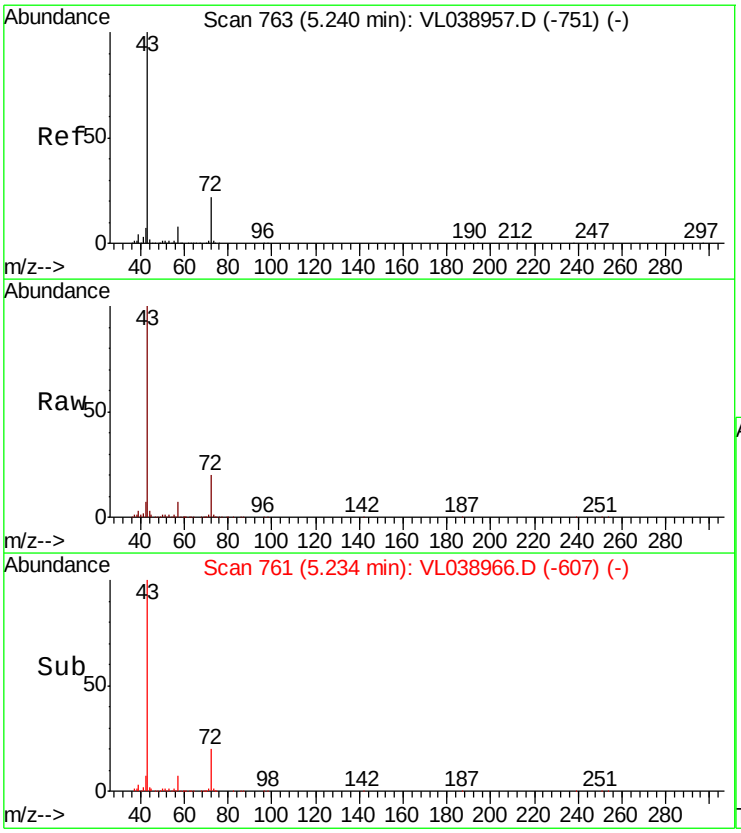
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:114 Resp: 2974792

Ion	Ratio	Lower	Upper
114	100		
63	28.6	22.6	33.8
88	19.2	15.4	23.0

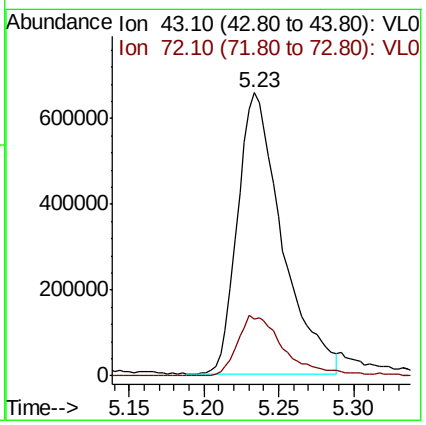


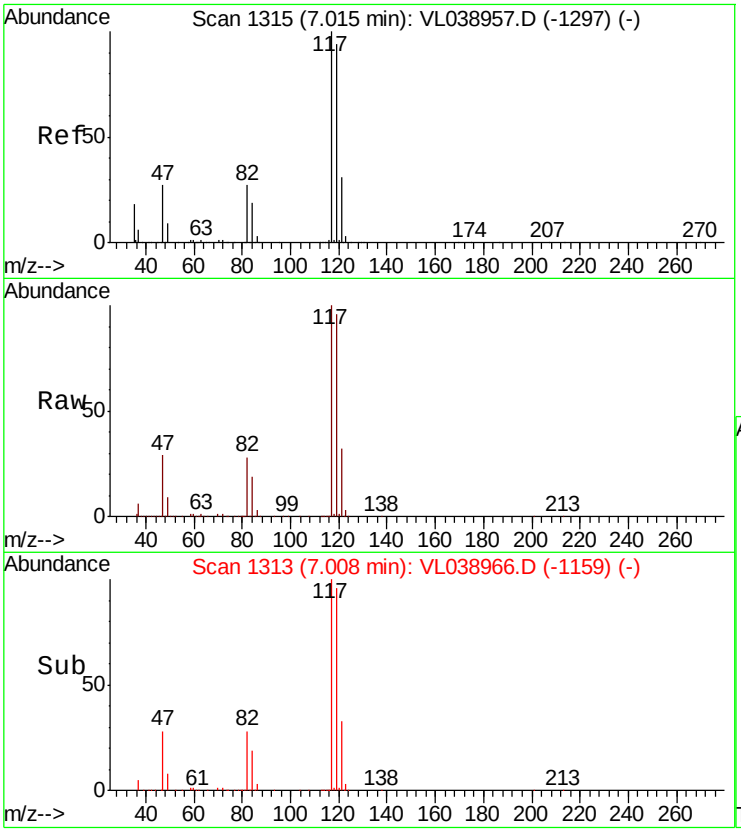


#34
2-Butanone
Concen: 8.928 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 43 Resp: 1354995

Ion	Ratio	Lower	Upper
43	100		
72	23.4	17.8	26.6



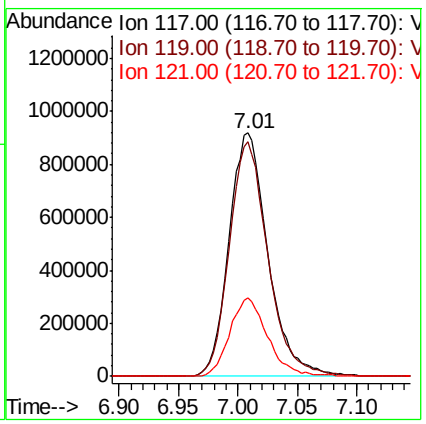


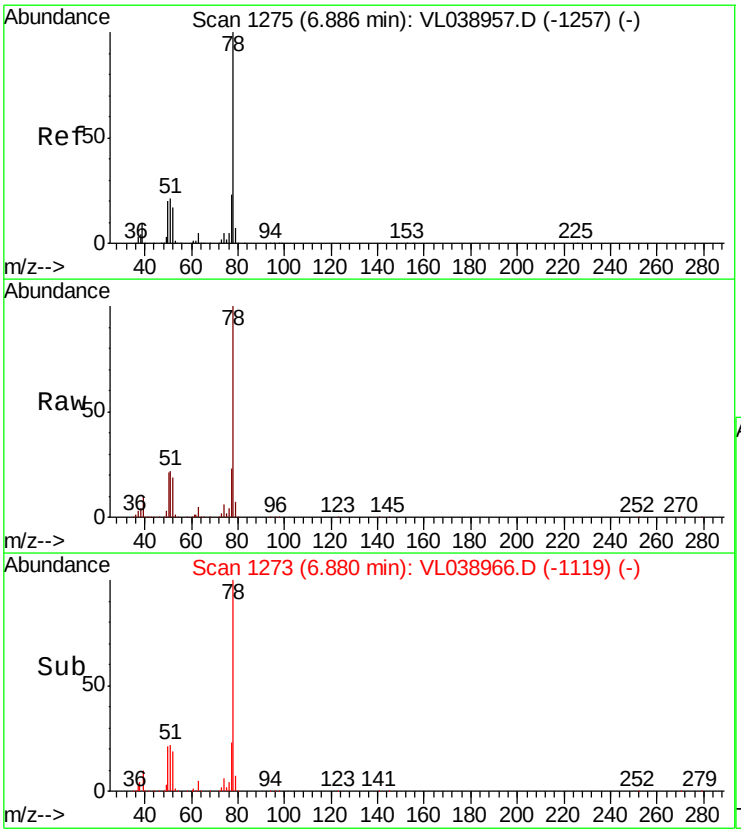
#35
Carbon Tetrachloride
Concen: 10.616 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:117 Resp: 2080834

Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.2	112.8
121	32.2	24.6	37.0

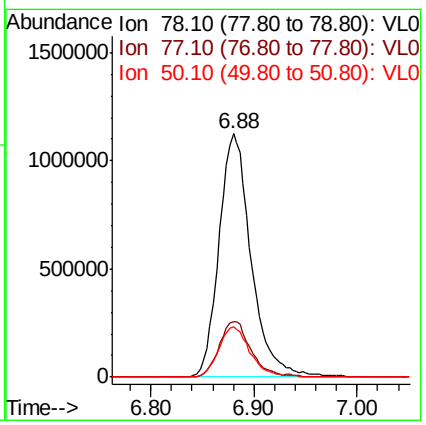


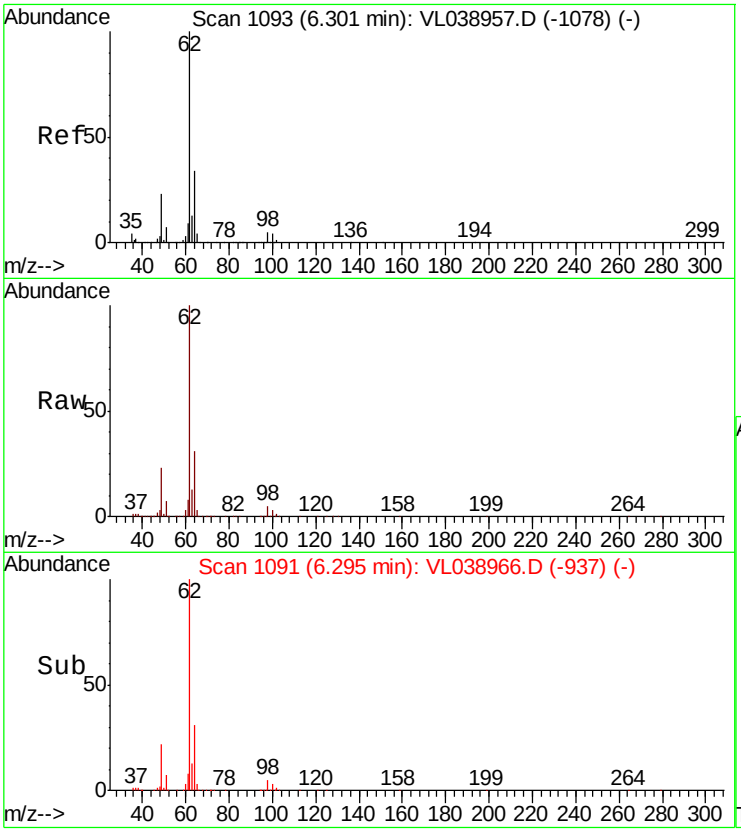


#36
Benzene
Concen: 9.546 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 78 Resp: 2430222

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.6	28.0
50	20.8	15.6	23.4



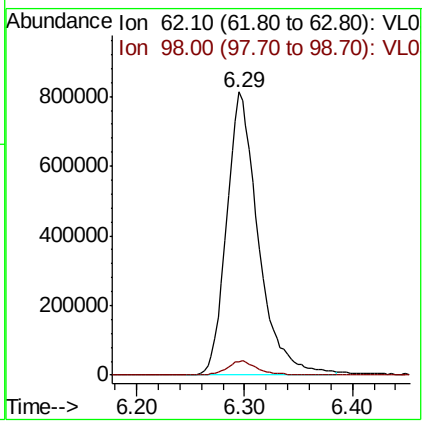


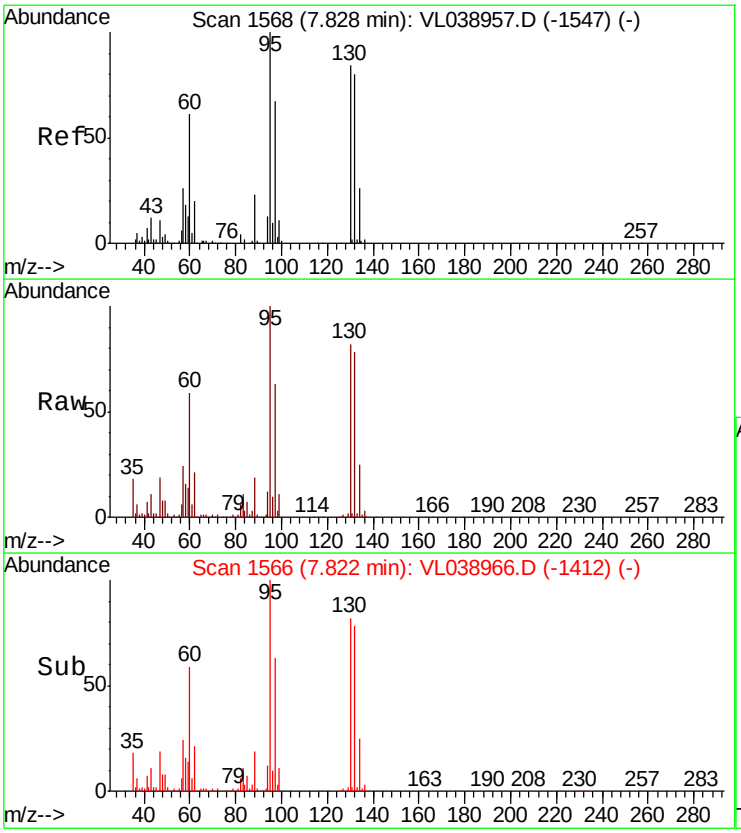
#37
1,2-Dichloroethane
Concen: 10.599 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 62 Resp: 1669484

Ion	Ratio	Lower	Upper
62	100		
98	5.0	4.5	6.7

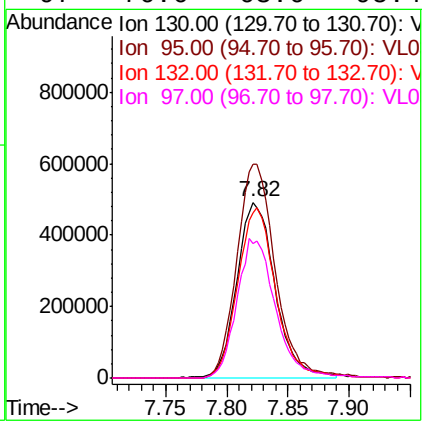


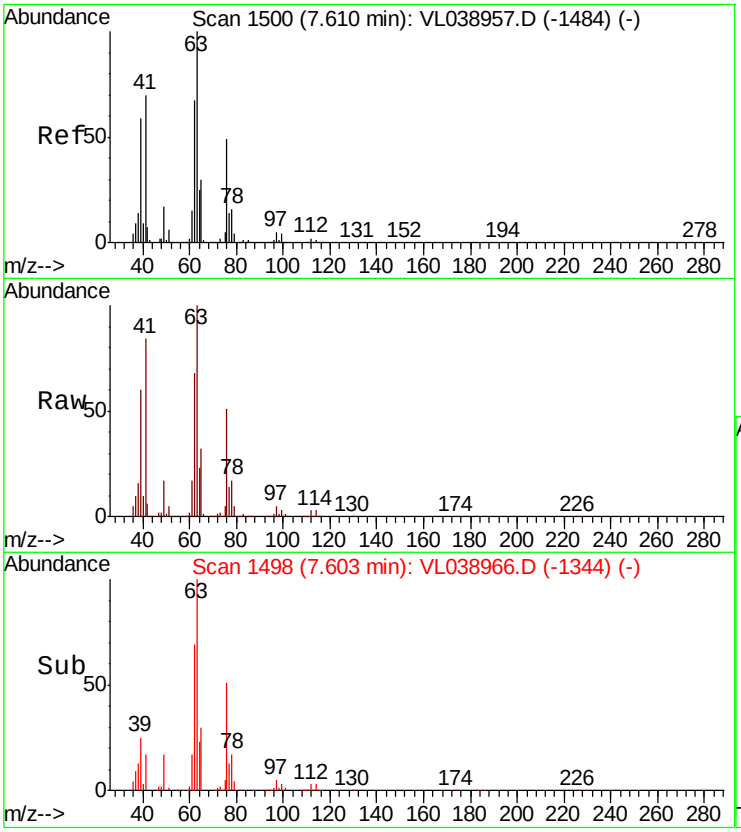


#38
Trichloroethene
Concen: 9.354 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:130 Resp: 1058569

Ion	Ratio	Lower	Upper
130	100		
95	121.5	94.8	142.2
132	94.3	75.8	113.8
97	76.6	63.6	95.4



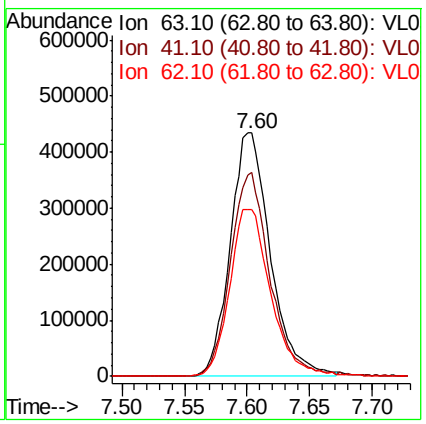


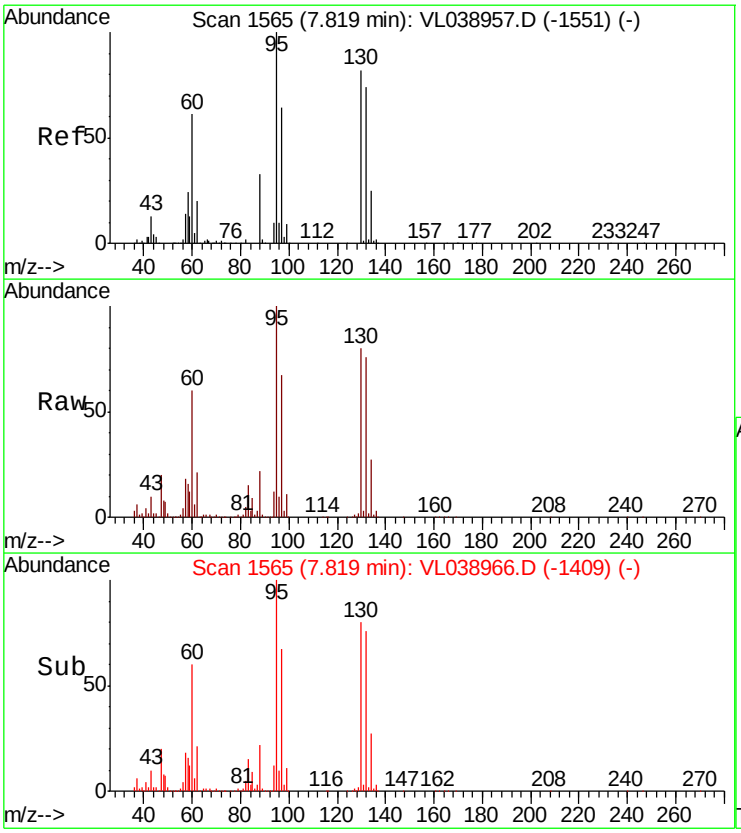
#39
1,2-Dichloropropane
Concen: 9.730 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 63 Resp: 963813

Ion	Ratio	Lower	Upper
63	100		
41	83.5	55.9	83.9
62	68.5	53.8	80.6

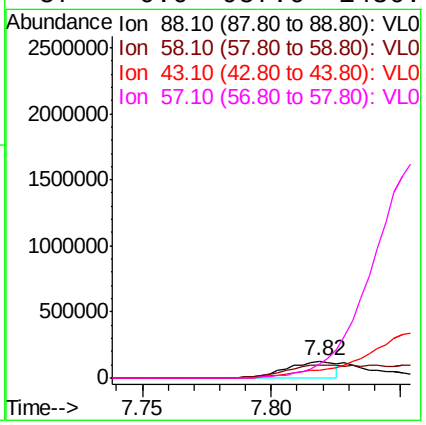


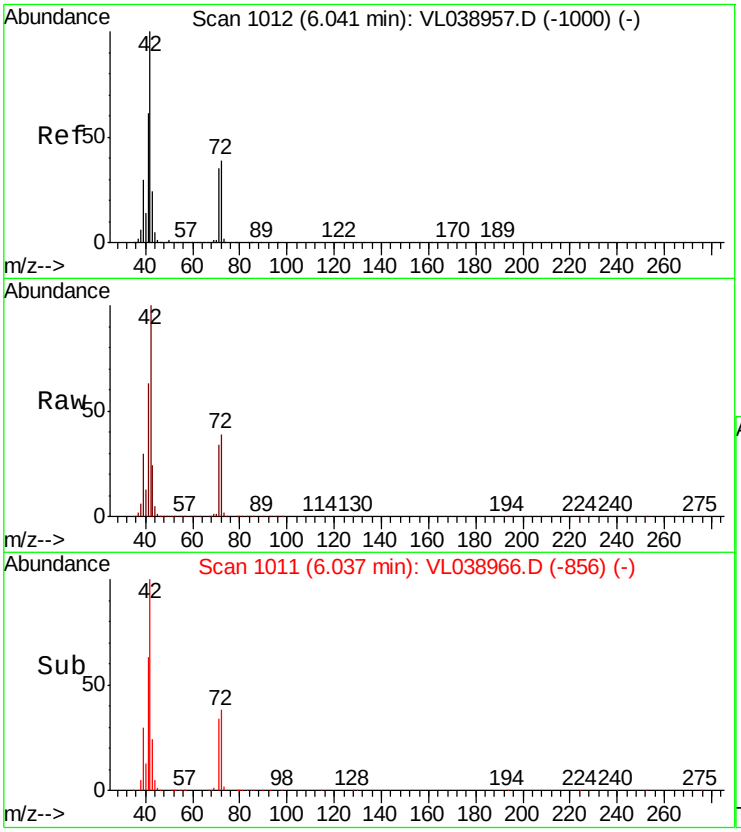


#40
1,4-Dioxane
Concen: 4.634 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 88 Resp: 164863

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



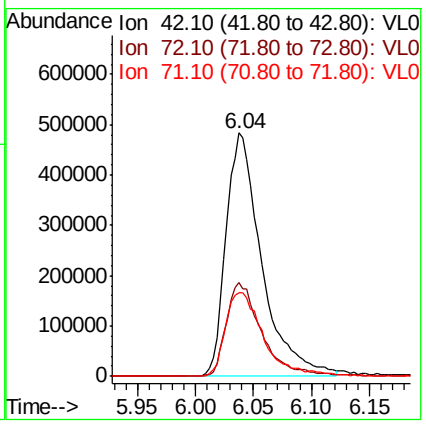


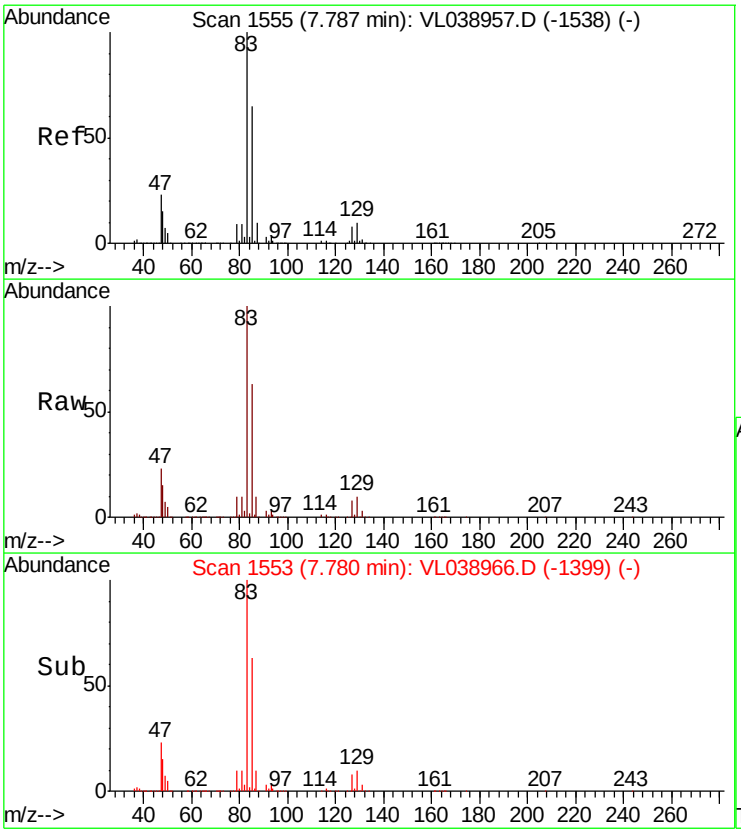
#41
Tetrahydrofuran
Concen: 10.103 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 42 Resp: 1030533

Ion	Ratio	Lower	Upper
42	100		
72	38.6	31.8	47.6
71	37.4	30.6	45.8

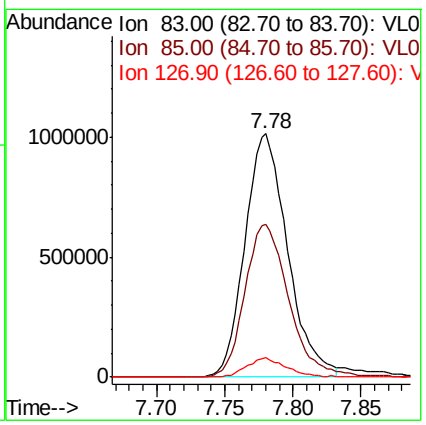


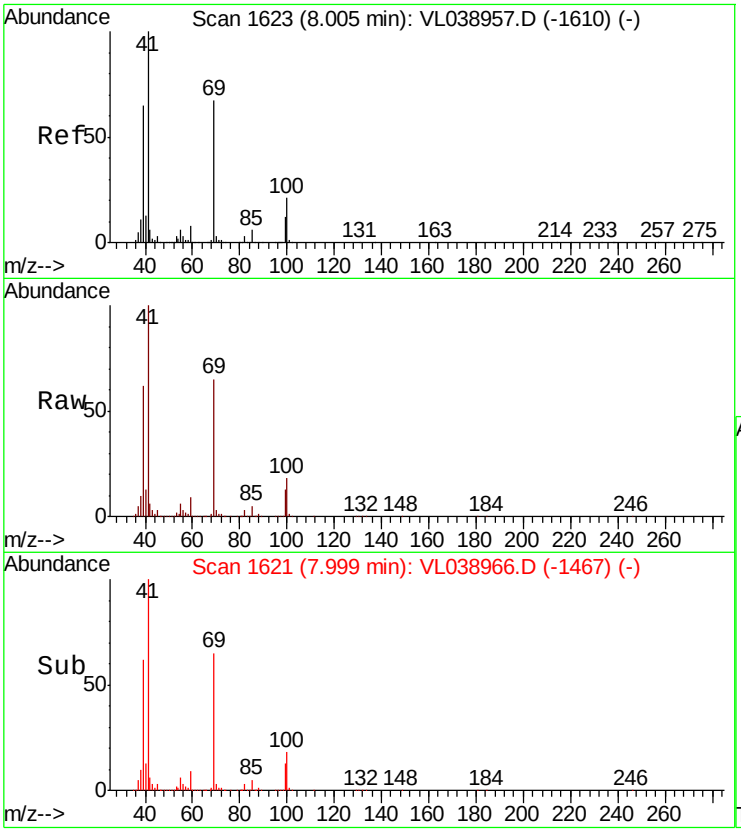


#42
Bromodichloromethane
Concen: 10.235 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 83 Resp: 2204106

Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.0	78.0
127	7.8	6.0	9.0



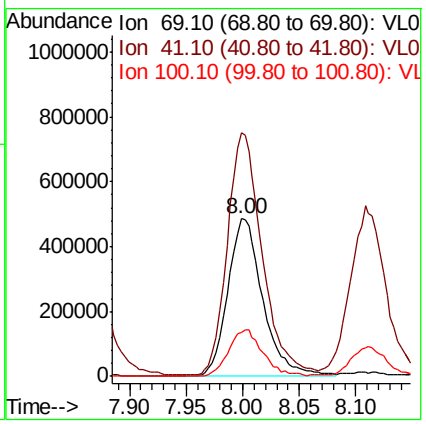


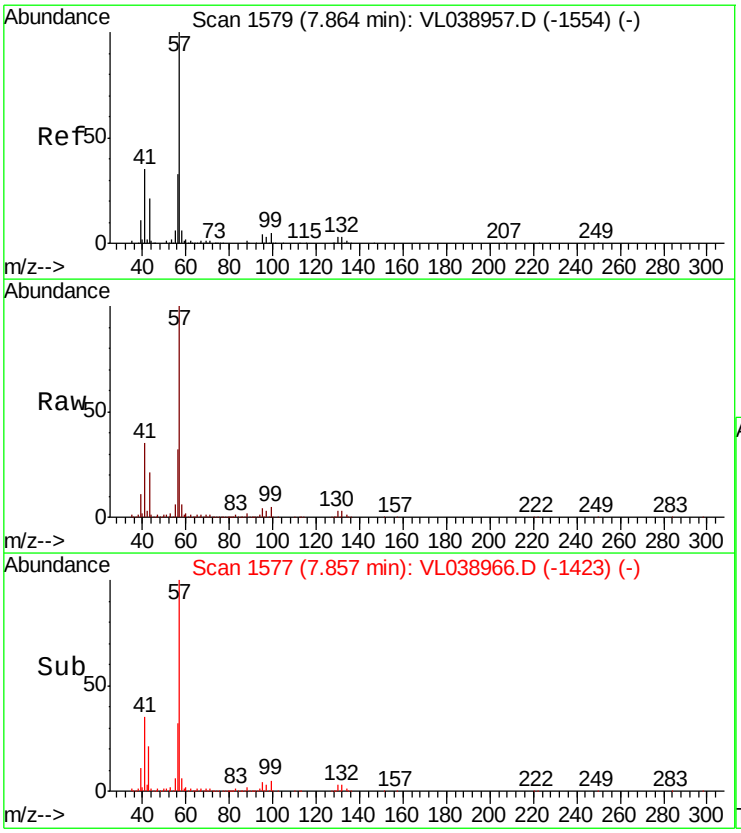
#43
Methyl Methacrylate
Concen: 10.160 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 69 Resp: 1050052

Ion	Ratio	Lower	Upper
69	100		
41	153.7	121.9	182.9
100	28.9	24.6	36.8

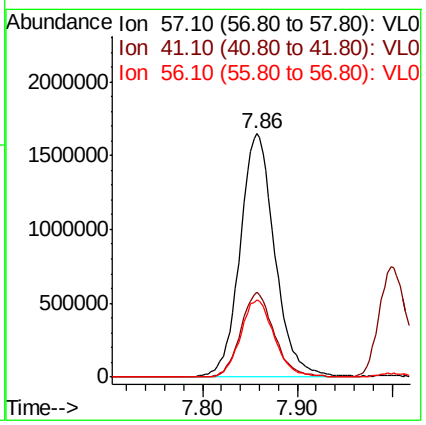


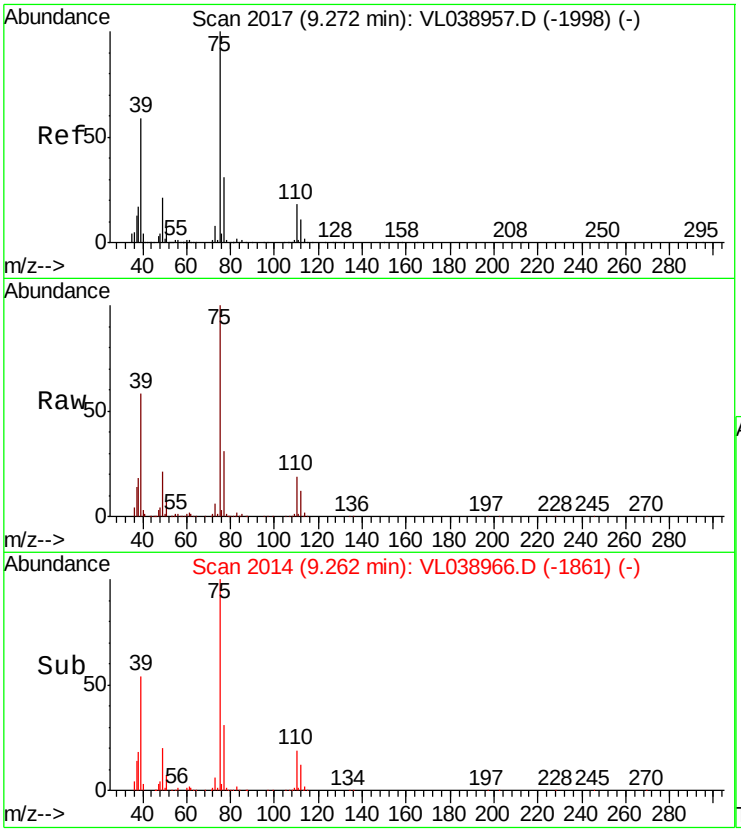


#44
2,2,4-Trimethylpentane
Concen: 9.418 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 57 Resp: 4206927

Ion	Ratio	Lower	Upper
57	100		
41	33.6	26.3	39.5
56	31.1	24.6	37.0



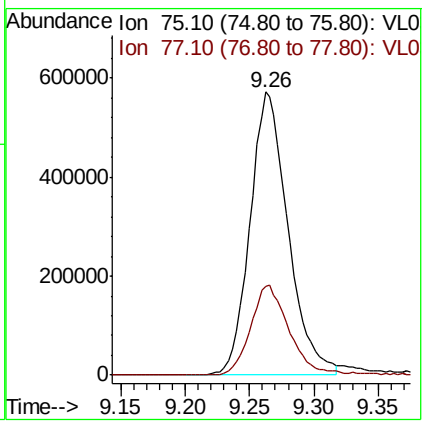


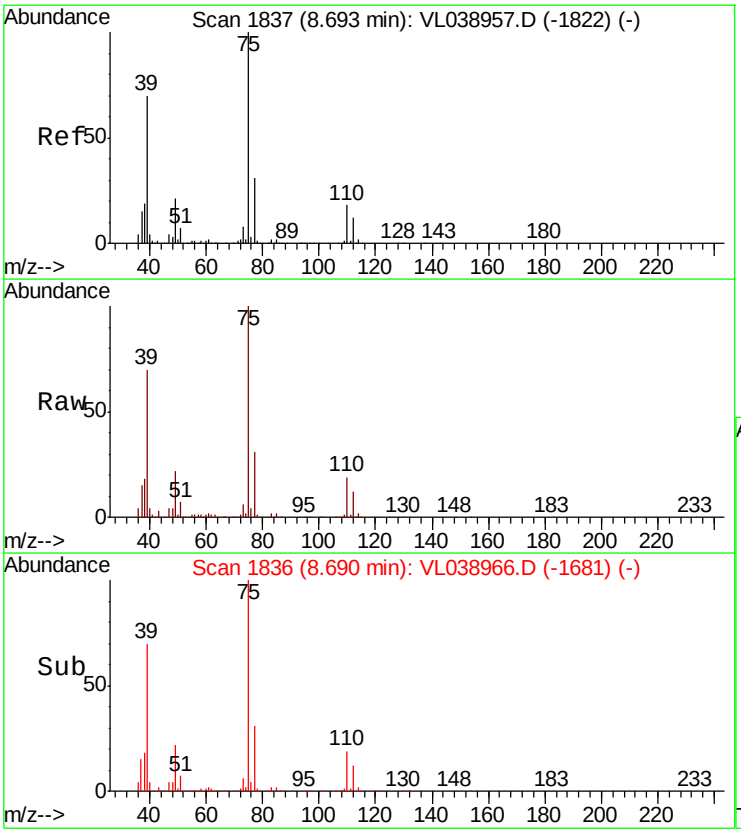
#45
t-1,3-Dichloropropene
Concen: 11.732 ppbv
RT: 9.26
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 75 Resp: 1173746

Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.6	37.0

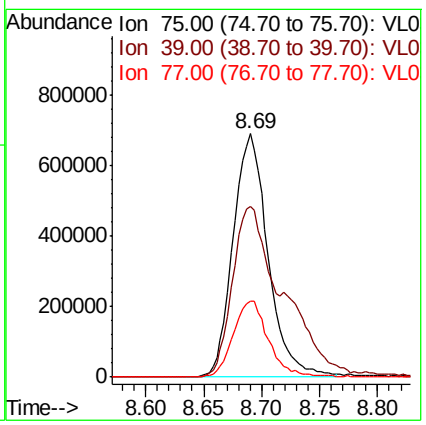


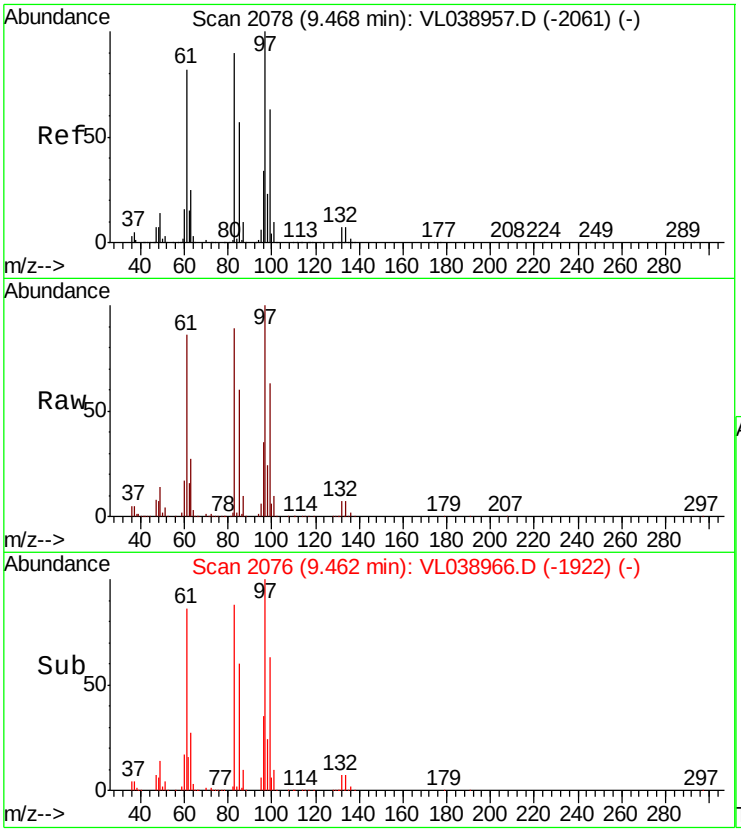


#46
cis-1,3-Dichloropropene
Concen: 10.881 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 75 Resp: 1443538

Ion	Ratio	Lower	Upper
75	100		
39	69.8	55.8	83.6
77	31.4	24.8	37.2



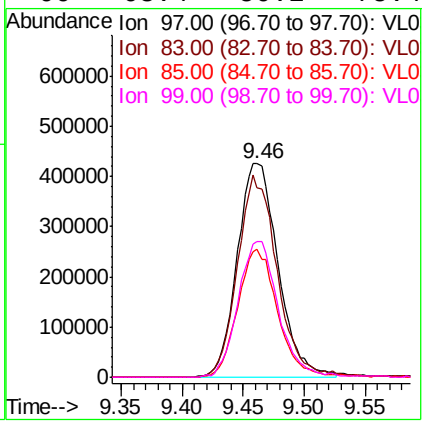


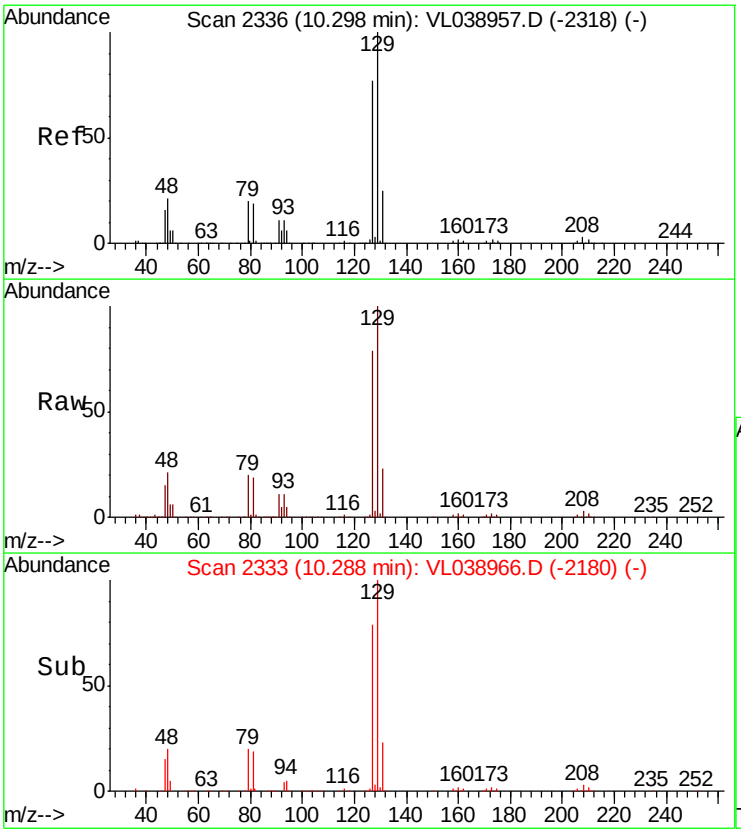
#47
1,1,2-Trichloroethane
Concen: 9.549 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 97 Resp: 983739

Ion	Ratio	Lower	Upper
97	100		
83	88.5	72.0	108.0
85	59.9	45.7	68.5
99	63.4	50.2	75.4

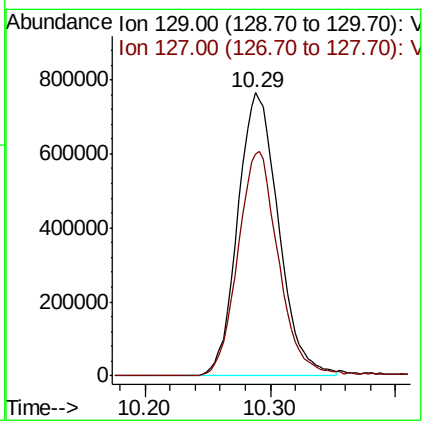


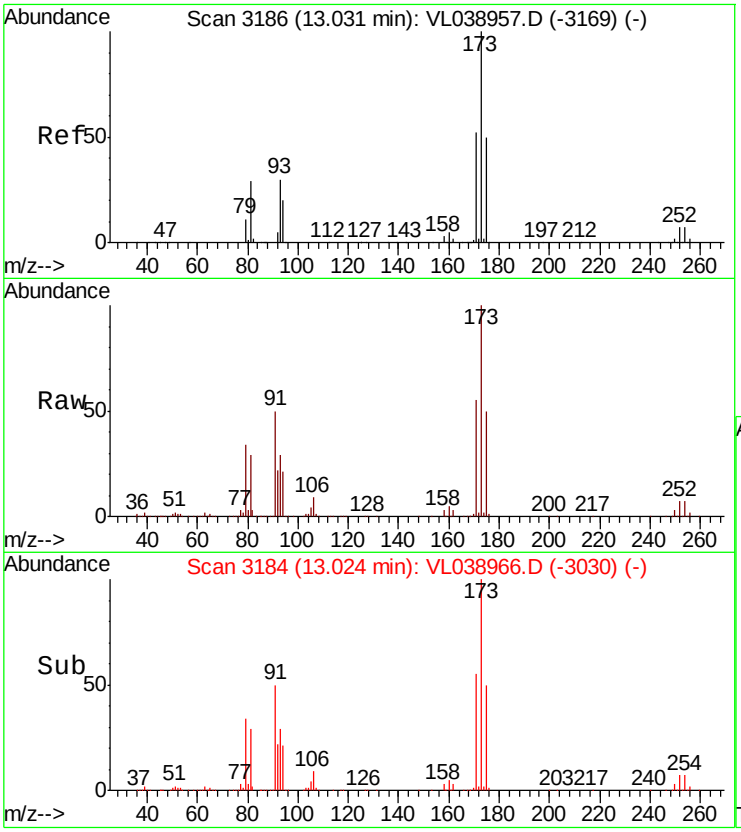


#48
Dibromochloromethane
Concen: 10.317 ppbv
RT: 10.29 min Scan# 2333
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:129 Resp: 1730069

Ion	Ratio	Lower	Upper
129	100		
127	79.5	39.3	117.9



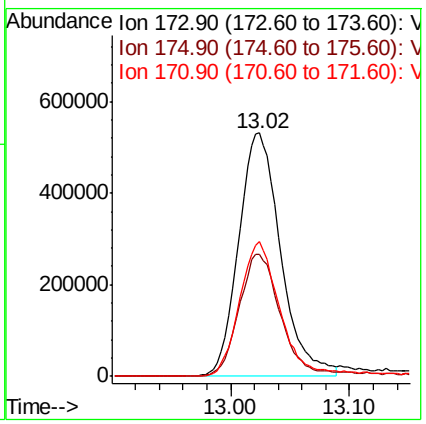


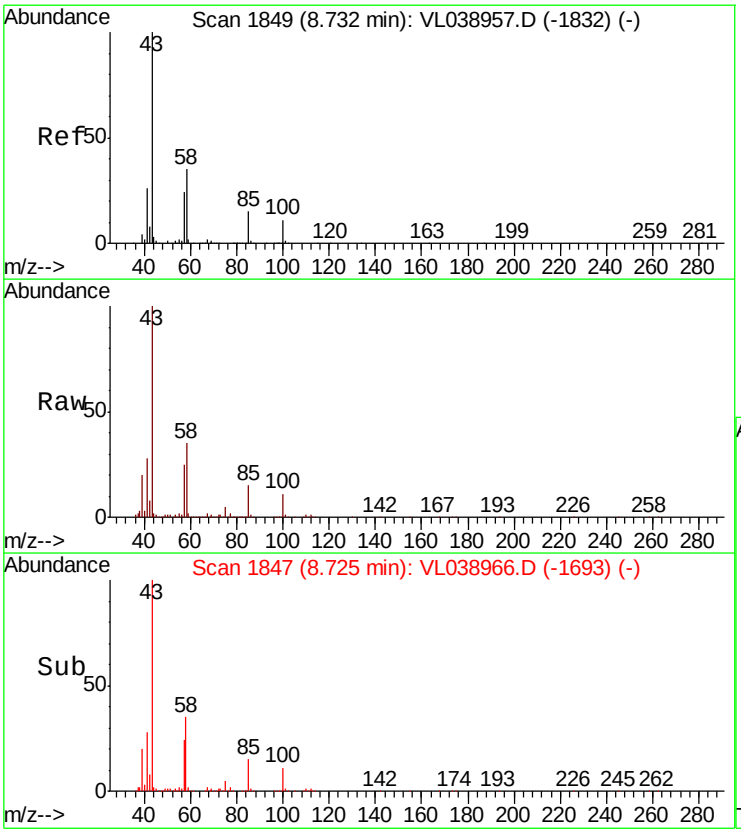
#49
Bromoform
Concen: 10.170 ppbv
RT: 13.02
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:173 Resp: 1300598

Ion	Ratio	Lower	Upper
173	100		
175	52.1	41.0	61.6
171	55.3	42.6	64.0

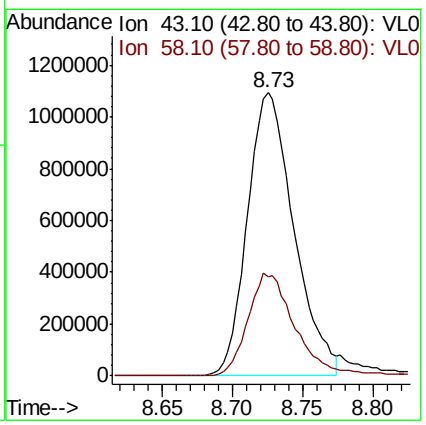


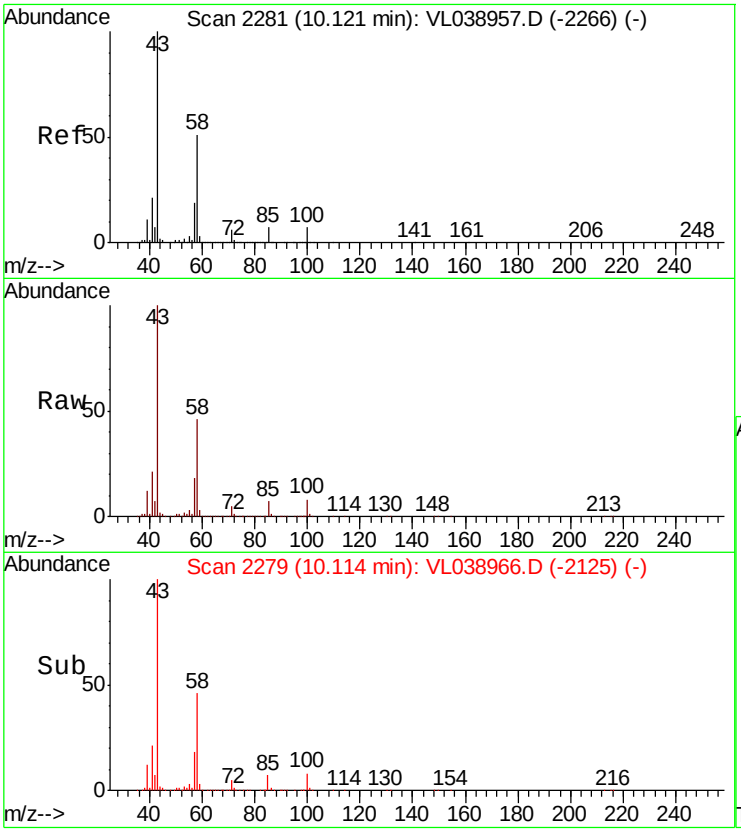


#50
4-Methyl-2-Pentanone
Concen: 9.480 ppbv
RT: 8.73 min Scan# 1847
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 43 Resp: 2522762

Ion	Ratio	Lower	Upper
43	100		
58	37.4	28.4	42.6



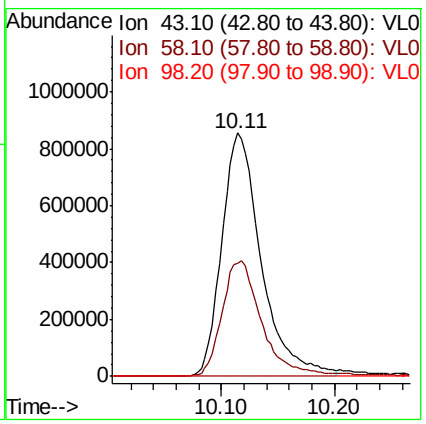


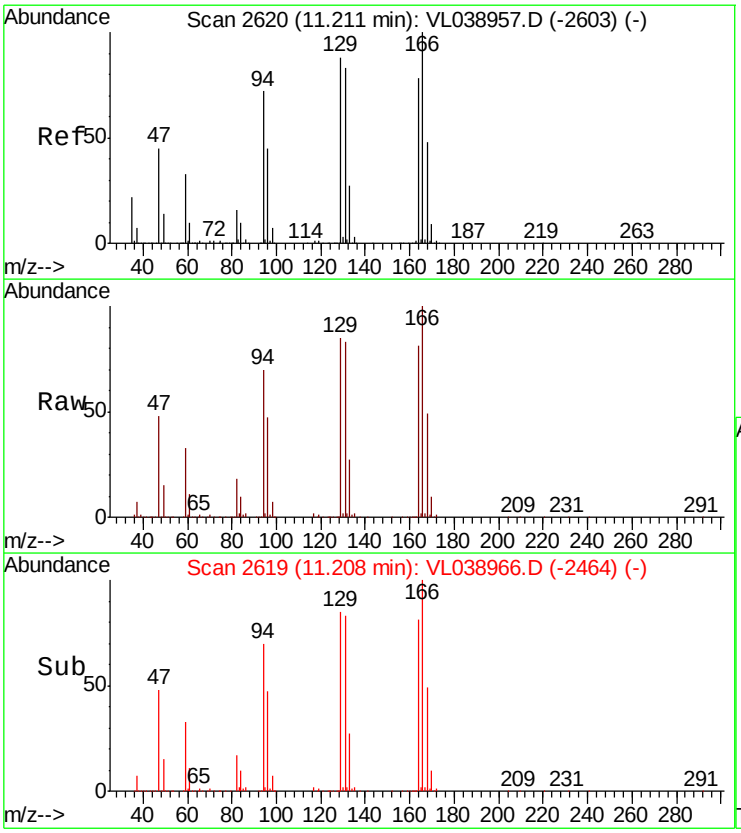
#51
2-Hexanone
Concen: 10.633 ppbv
RT: 10.11
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument : MSVOA_L
ClientSampleId : VL0505ABS01

Tgt Ion: 43 Resp: 2065346

Ion	Ratio	Lower	Upper
43	100		
58	49.3	39.3	58.9
98	0.2	0.2	0.2

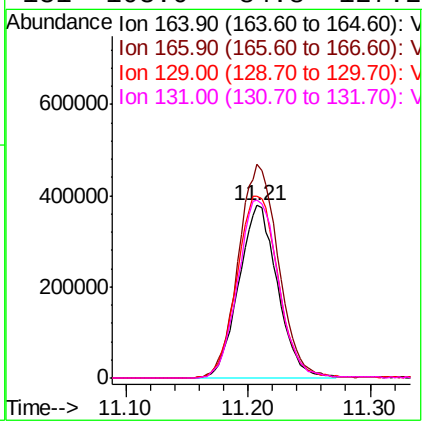


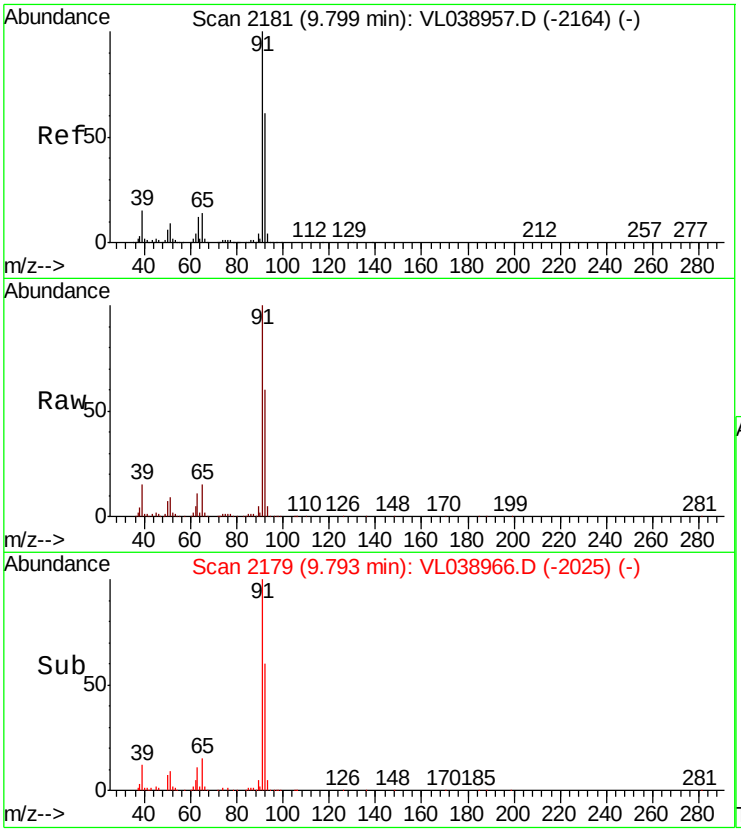


#52
Tetrachloroethene
Concen: 9.084 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:164 Resp: 826428

Ion	Ratio	Lower	Upper
164	100		
166	123.7	102.5	153.7
129	105.3	90.1	135.1
131	103.0	84.8	127.2



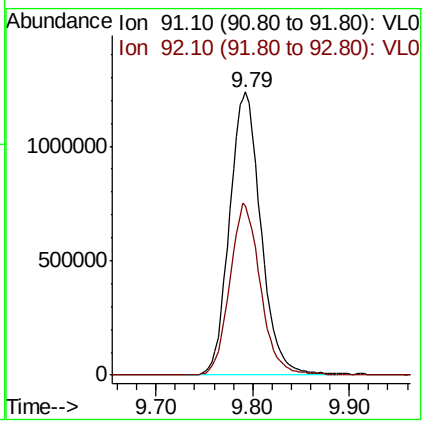


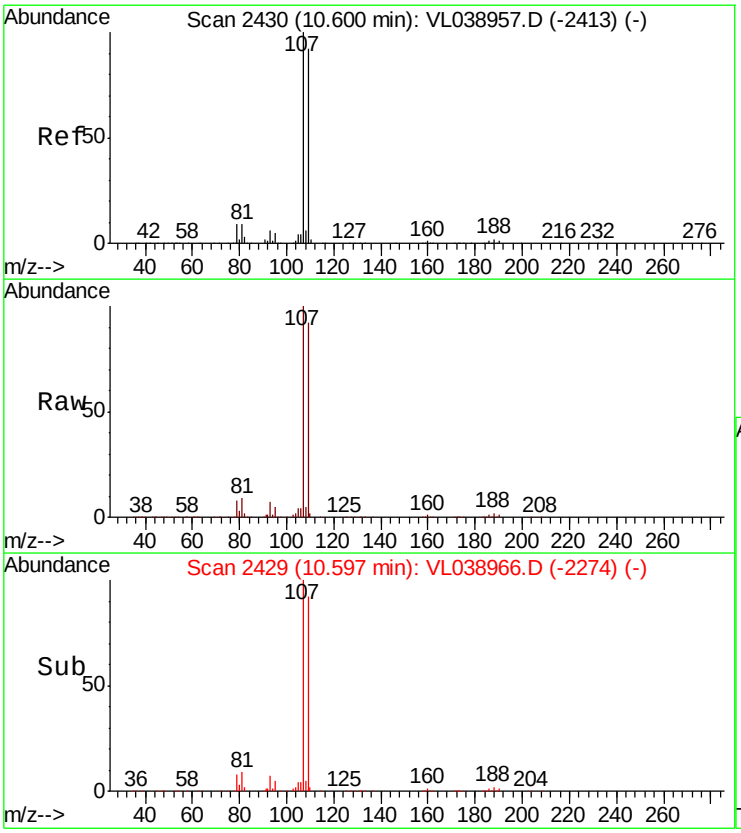
#53
Toluene
Concen: 9.757 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 91 Resp: 2784069

Ion	Ratio	Lower	Upper
91	100		
92	59.9	48.2	72.2

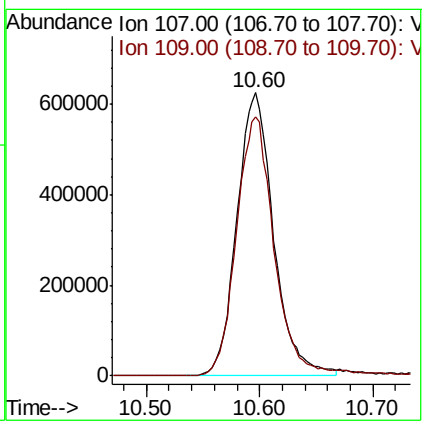


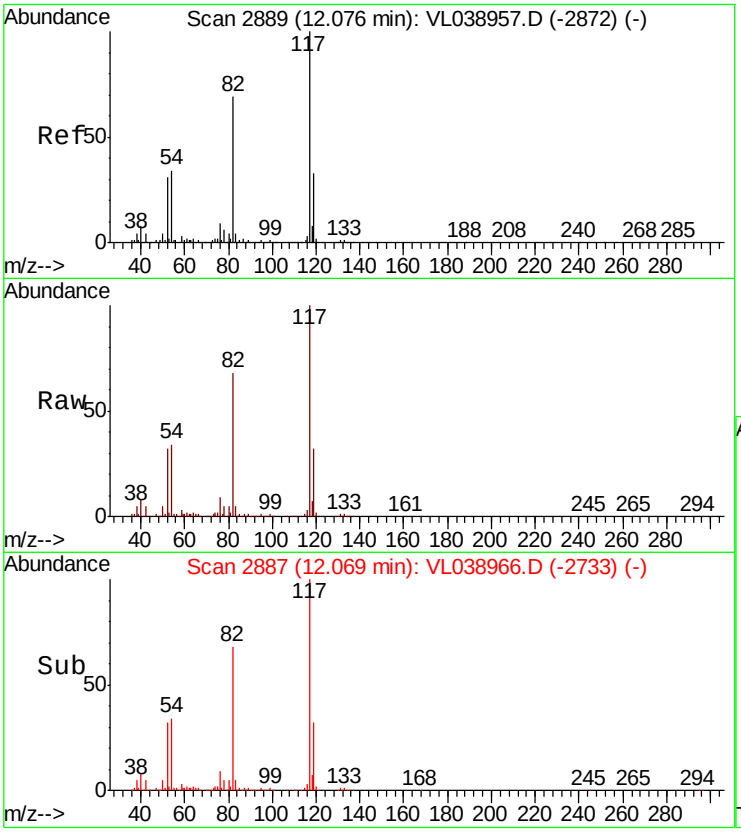


#54
1,2-Dibromoethane
Concen: 10.053 ppbv
RT: 10.60 min Scan# 2429
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:107 Resp: 1410041

Ion	Ratio	Lower	Upper
107	100		
109	91.7	73.8	110.8



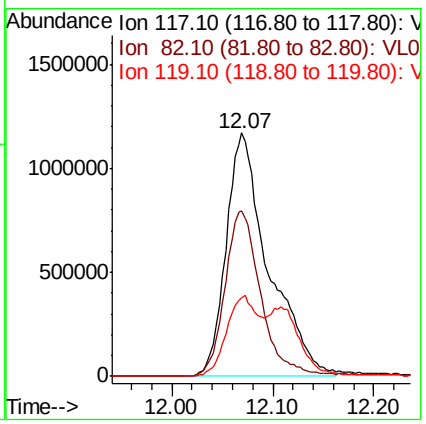


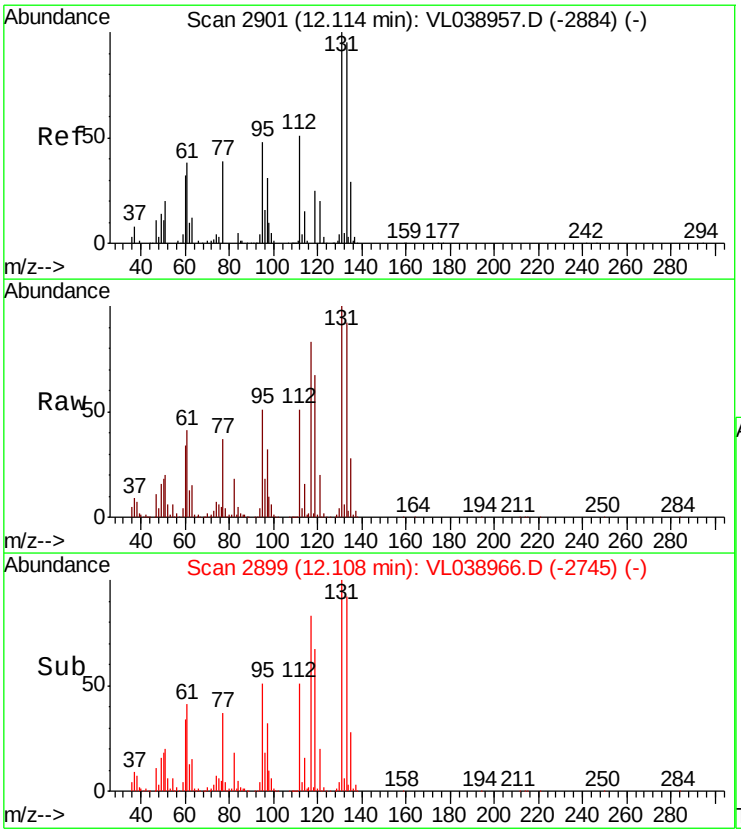
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:117 Resp: 3428033

Ion	Ratio	Lower	Upper
117	100		
82	58.3	57.0	85.6
119	27.2	27.2	40.8

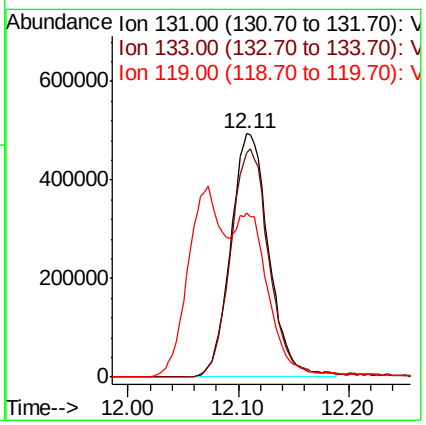


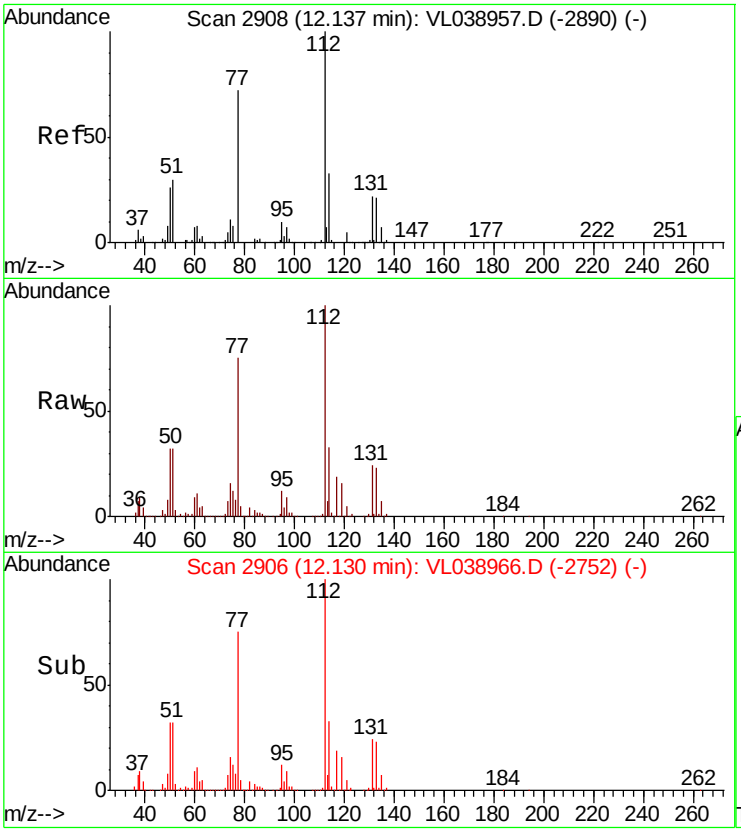


#56
1,1,1,2-Tetrachloroethane
Concen: 7.866 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:131 Resp: 1183165

Ion	Ratio	Lower	Upper
131	100		
133	94.9	76.9	115.3
119	61.9	47.4	71.0



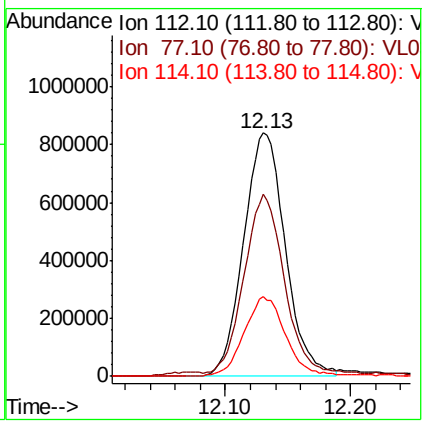


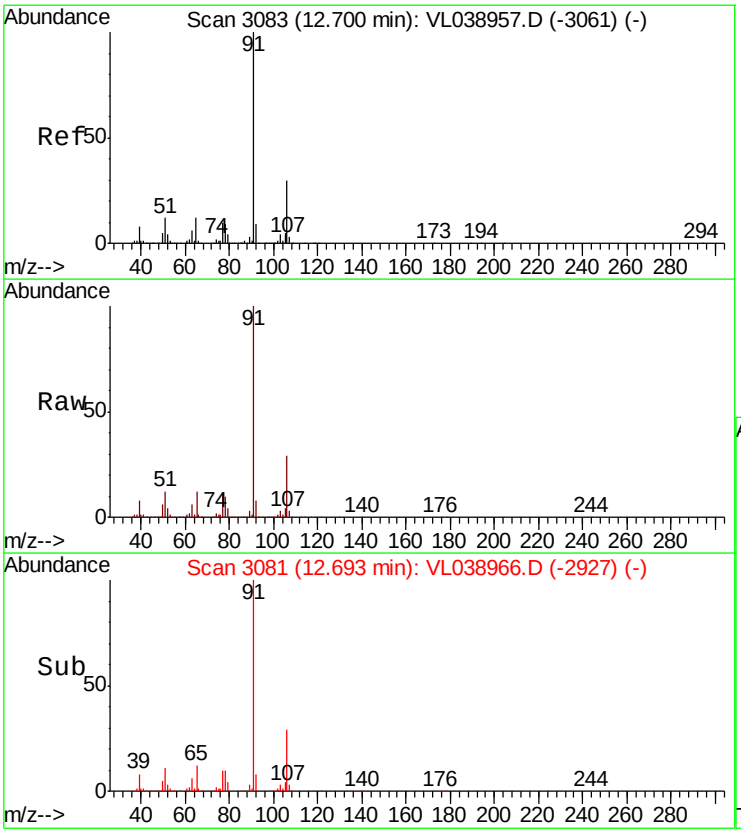
#57
Chlorobenzene
Concen: 7.584 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:112 Resp: 1948772

Ion	Ratio	Lower	Upper
112	100		
77	73.0	57.7	86.5
114	33.0	30.1	36.7

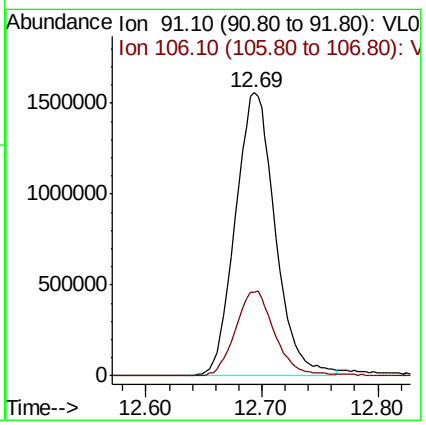


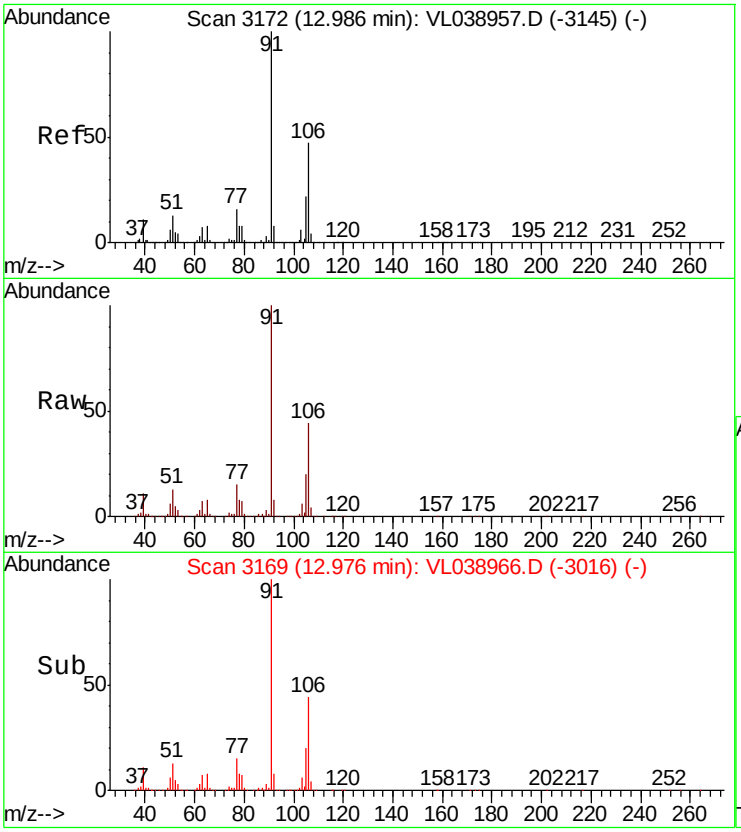


#58
Ethyl Benzene
Concen: 7.523 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 91 Resp: 3711504

Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.2	36.4



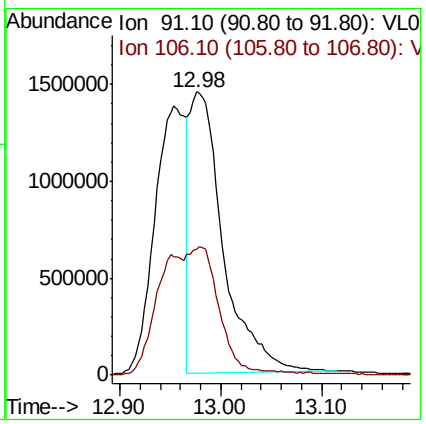


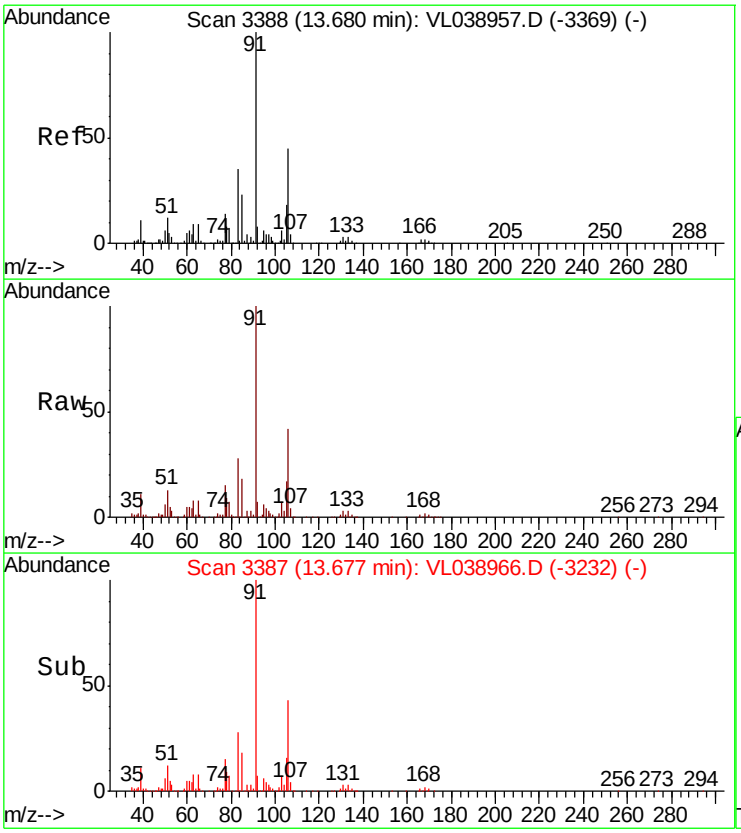
#59
m/p-Xylene
Concen: 7.904 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 91 Resp: 3328816

Ion	Ratio	Lower	Upper
91	100		
106	82.1	34.6	52.0#

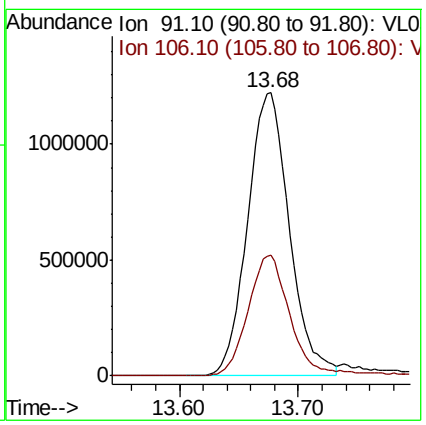


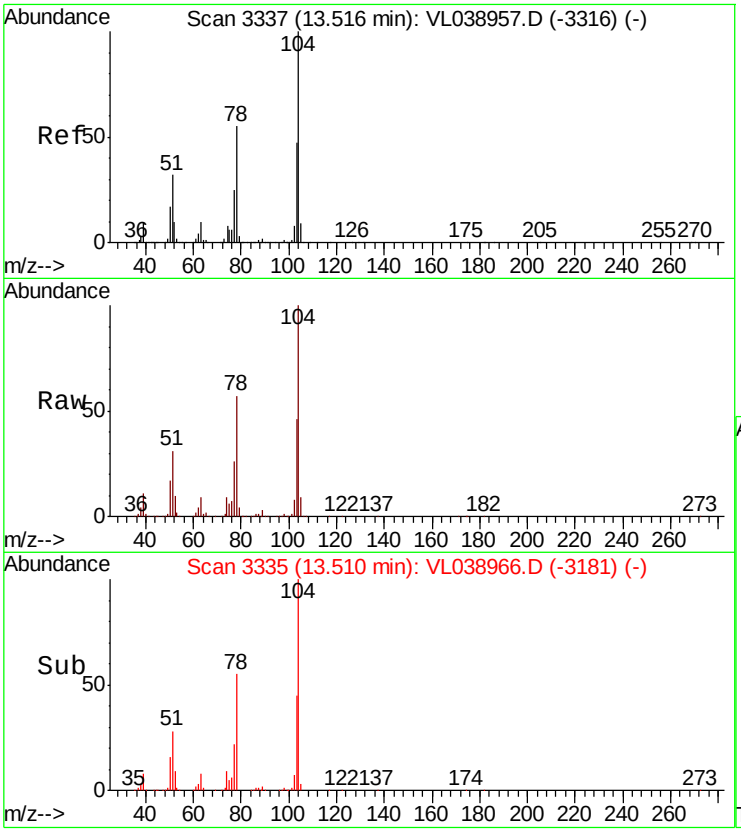


#60
o-Xylene
Concen: 7.489 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 91 Resp: 2968472

Ion	Ratio	Lower	Upper
91	100		
106	43.9	22.2	66.6



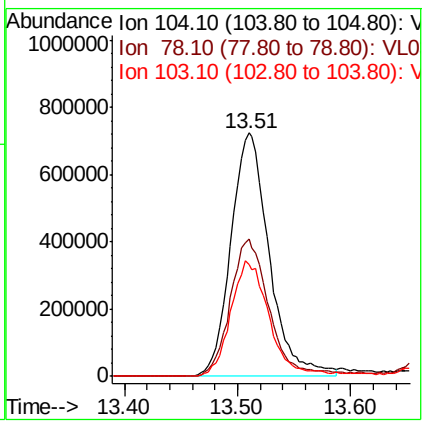


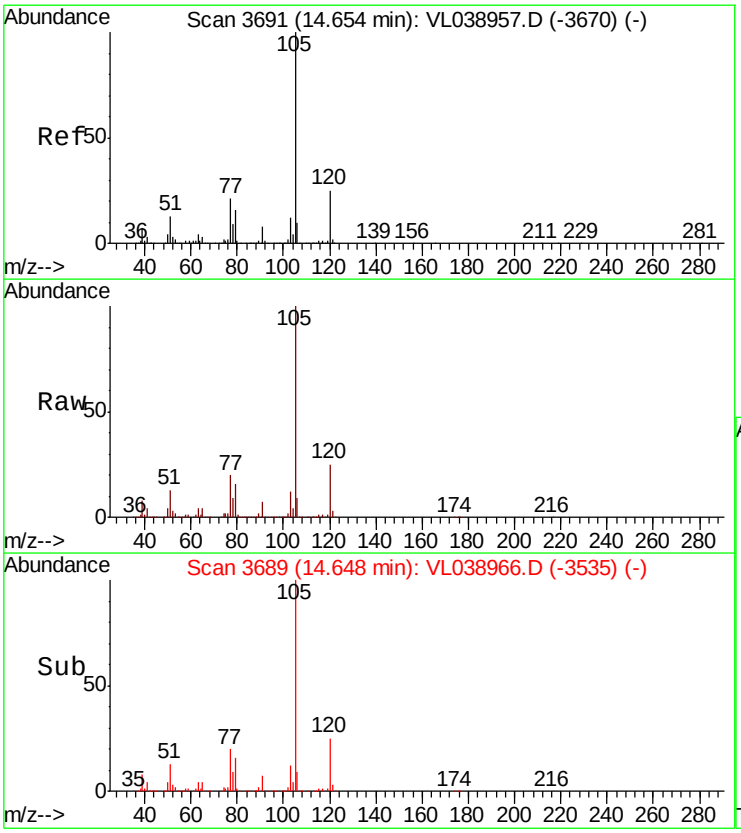
#61
Stvrene
Concen: 8.083 ppbv
RT: 13.51
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:104 Resp: 1710469

Ion	Ratio	Lower	Upper
104	100		
78	57.2	46.4	69.6
103	48.6	39.3	58.9

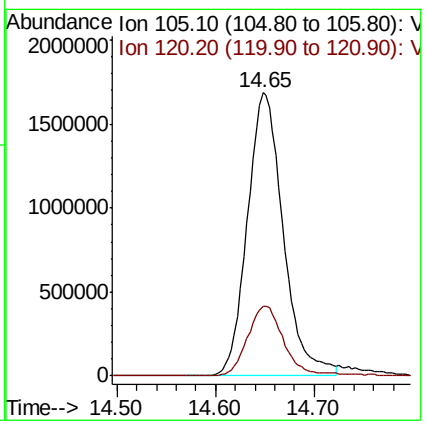


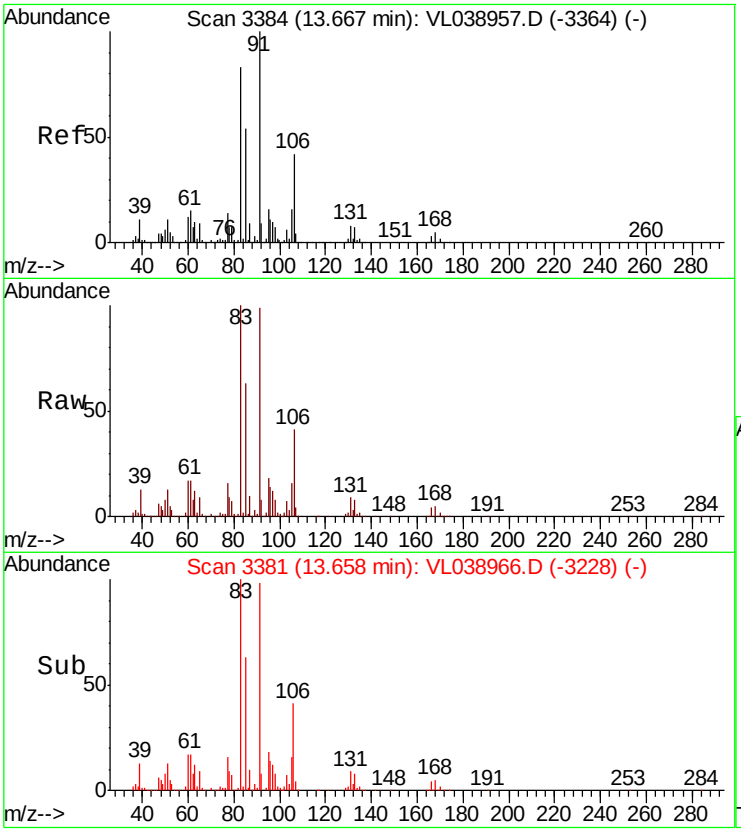


#62
Isopropylbenzene
Concen: 8.370 ppbv
RT: 14.65 min Scan# 3689
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:105 Resp: 4235100

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.5	30.7



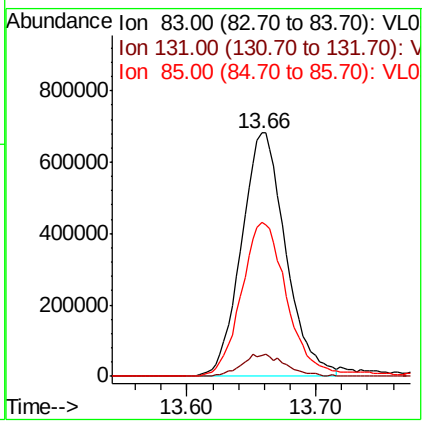


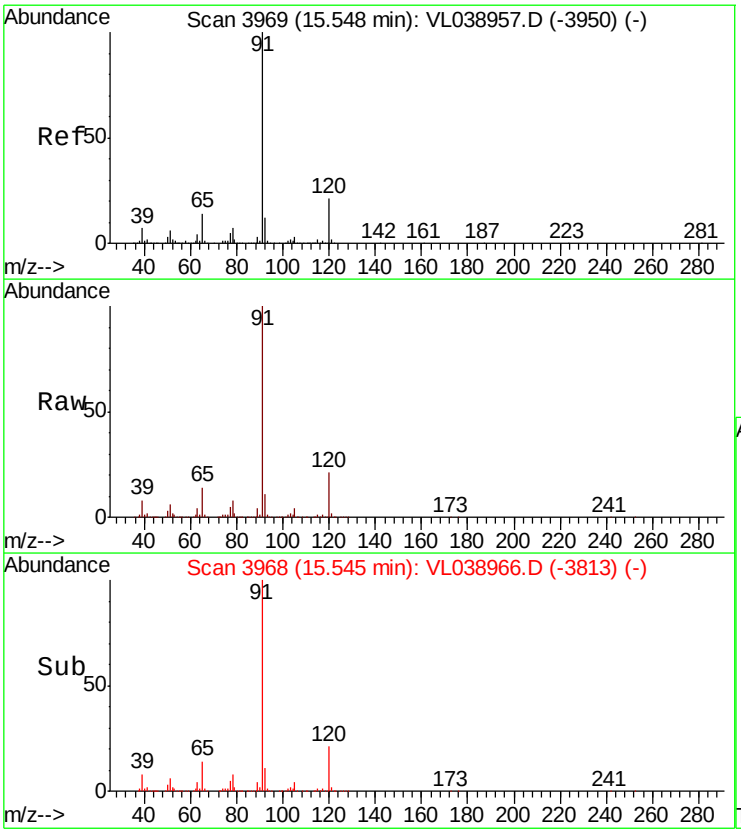
#63
1,1,2,2-Tetrachloroethane
Concen: 6.987 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 83 Resp: 1630864

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.5	13.7
85	66.7	32.8	98.3

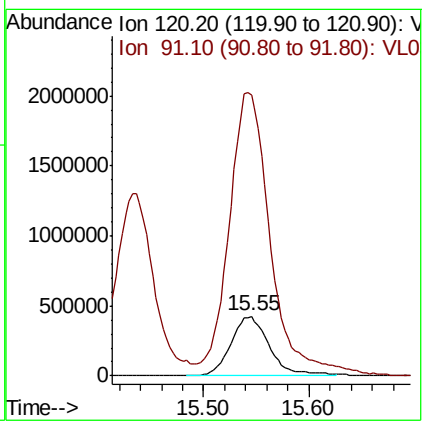


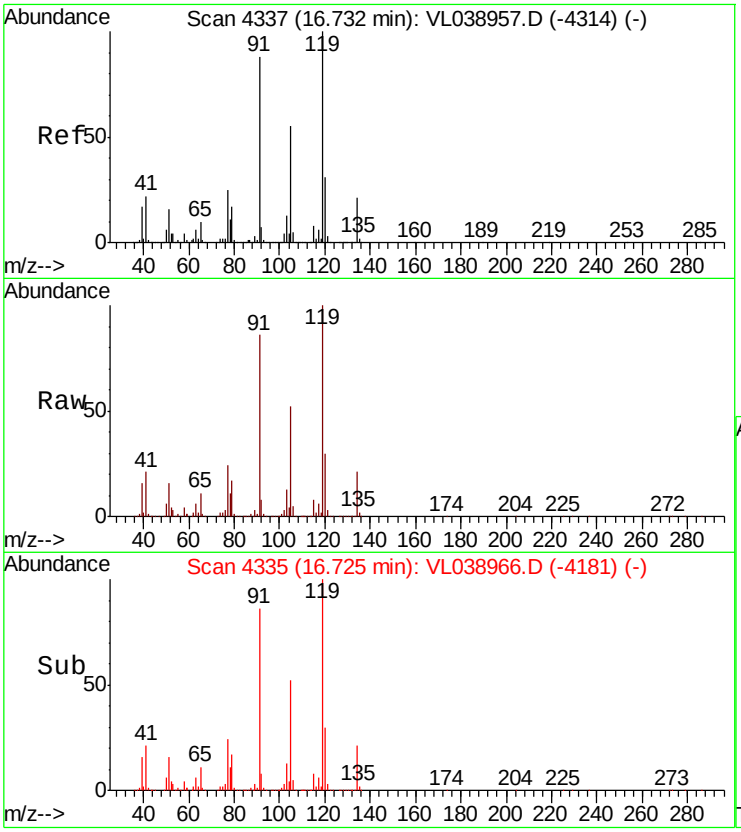


#64
n-propylbenzene
Concen: 7.675 ppbv
RT: 15.55 min Scan# 3968
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:120 Resp: 1075609

Ion	Ratio	Lower	Upper
120	100		
91	512.6	400.6	601.0



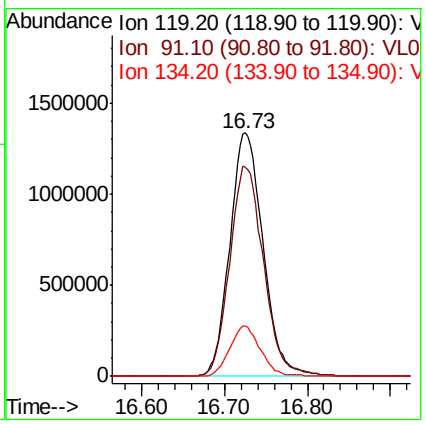


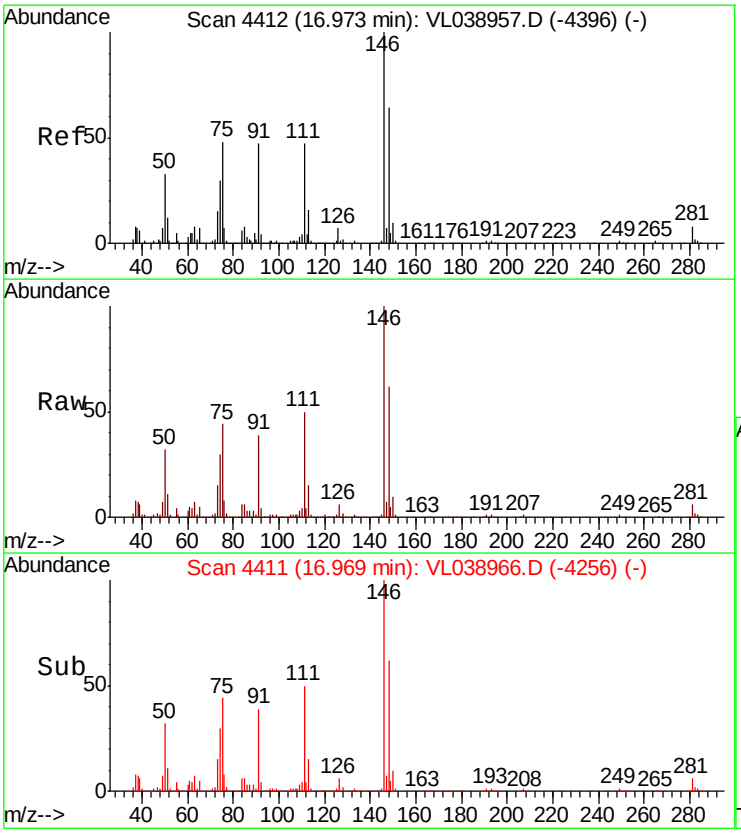
#65
tert-Butylbenzene
Concen: 7.351 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:119 Resp: 3733525

Ion	Ratio	Lower	Upper
119	100		
91	87.6	69.4	104.2
134	19.3	15.8	23.8

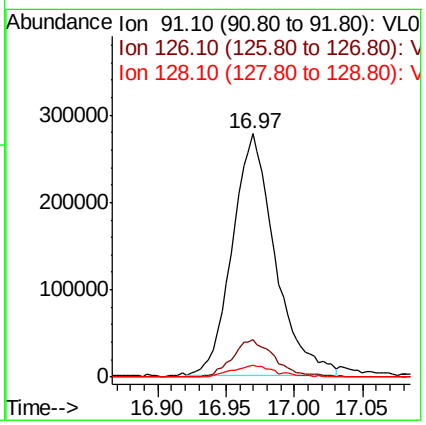


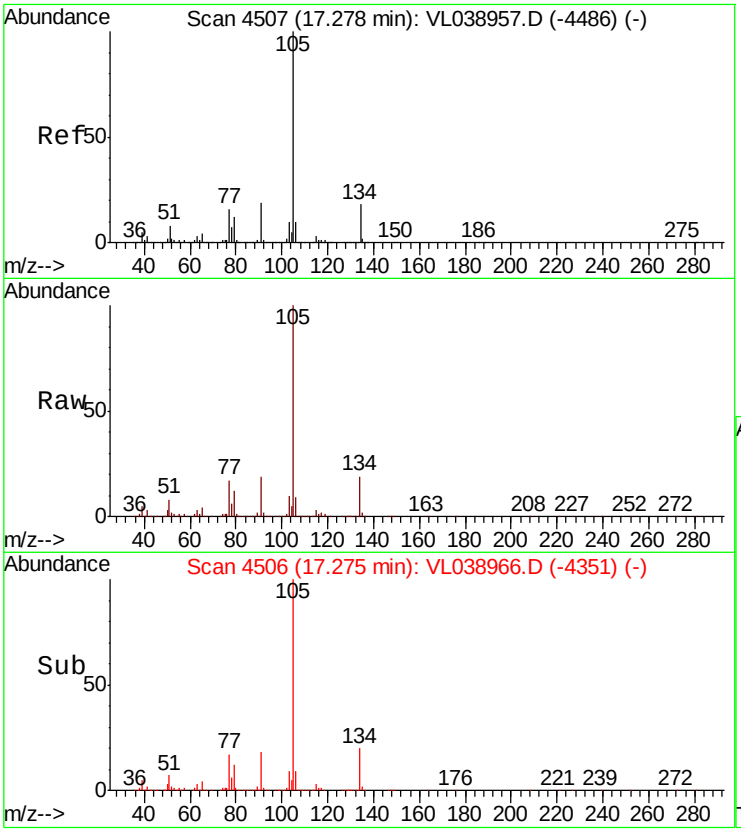


#66
Benzyl Chloride
Concen: 9.107 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 91 Resp: 604624

Ion	Ratio	Lower	Upper
91	100		
126	15.7	11.8	17.6
128	5.2	4.2	6.2



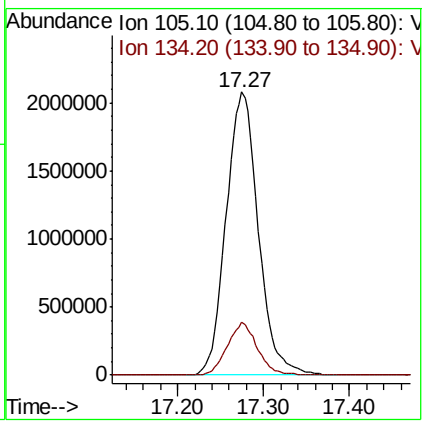


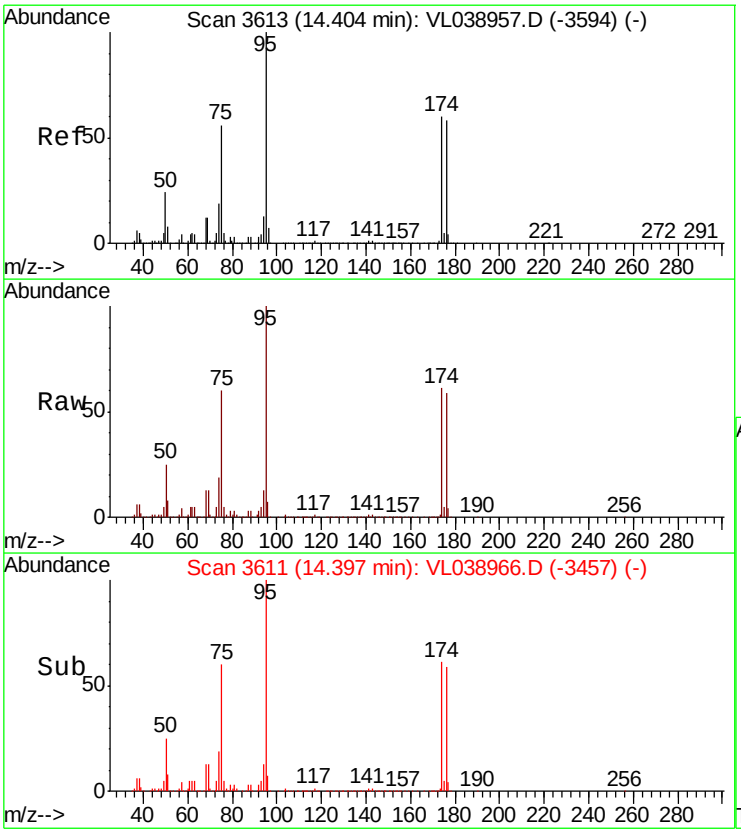
#67
sec-Butylbenzene
Concen: 7.433 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:105 Resp: 5393892

Ion	Ratio	Lower	Upper
105	100		
134	17.4	14.2	21.4

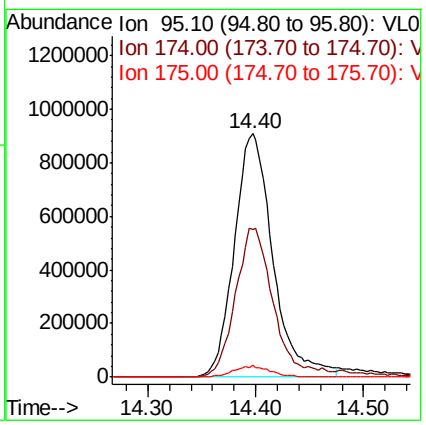


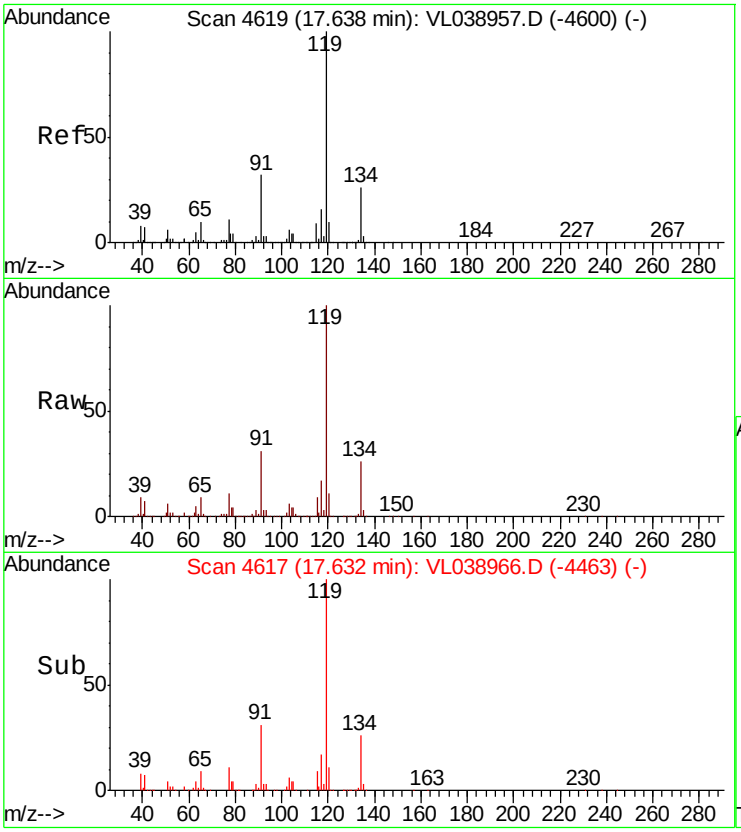


#68
1-Bromo-4-Fluorobenzene
Concen: 8.348 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 95 Resp: 2266286

Ion	Ratio	Lower	Upper
95	100		
174	63.1	50.8	76.2
175	4.7	3.8	5.6



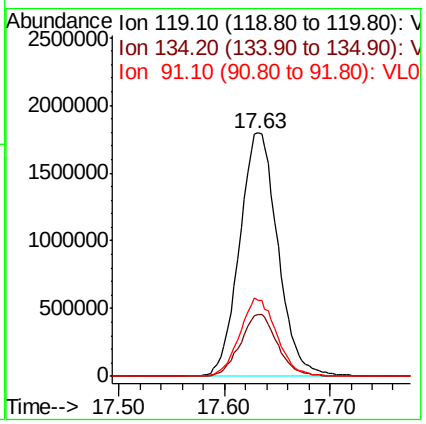


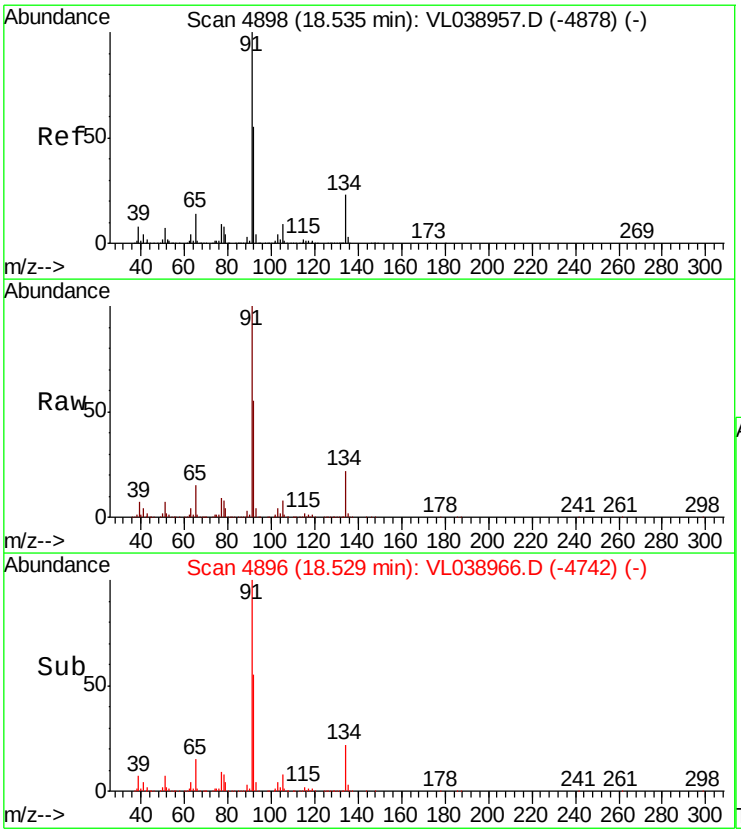
#69
p-Isopropyltoluene
Concen: 7.728 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:119 Resp: 4530561

Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.0	30.0
91	31.0	24.8	37.2

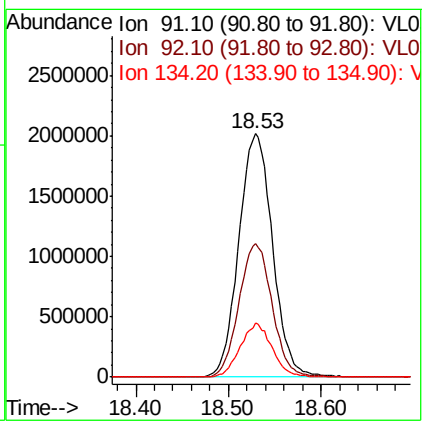


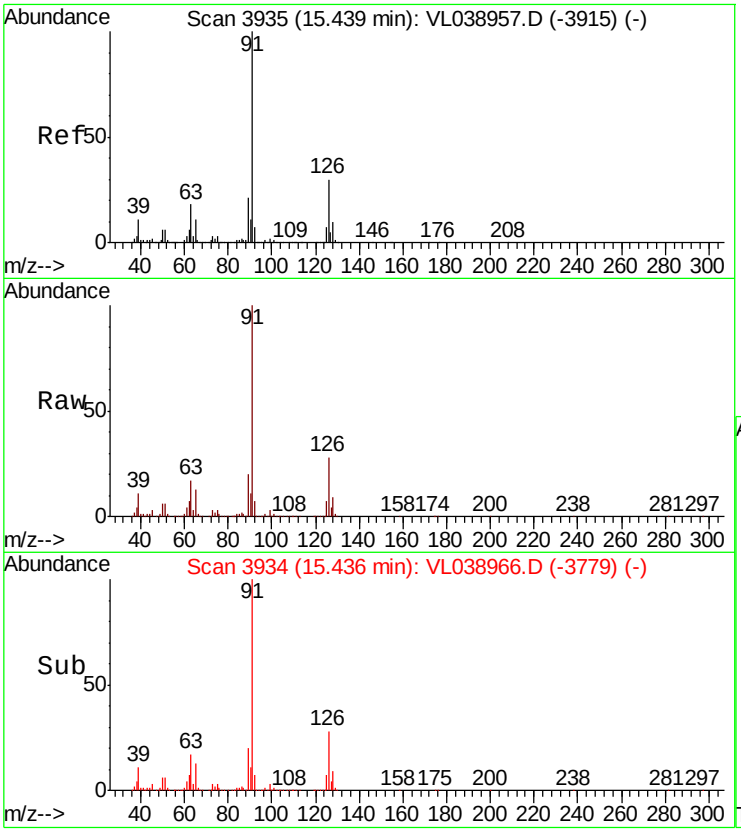


#70
n-Butylbenzene
Concen: 8.163 ppbv
RT: 18.53 min Scan# 4896
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion: 91 Resp: 5084198

Ion	Ratio	Lower	Upper
91	100		
92	54.2	43.1	64.7
134	21.0	17.0	25.4



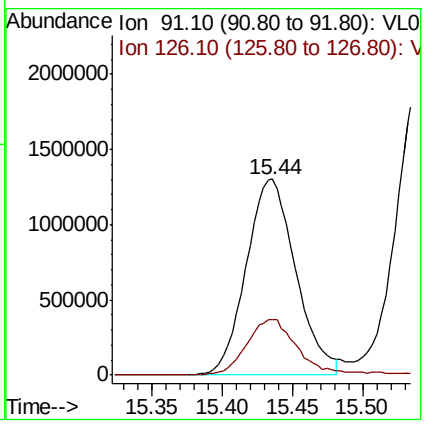


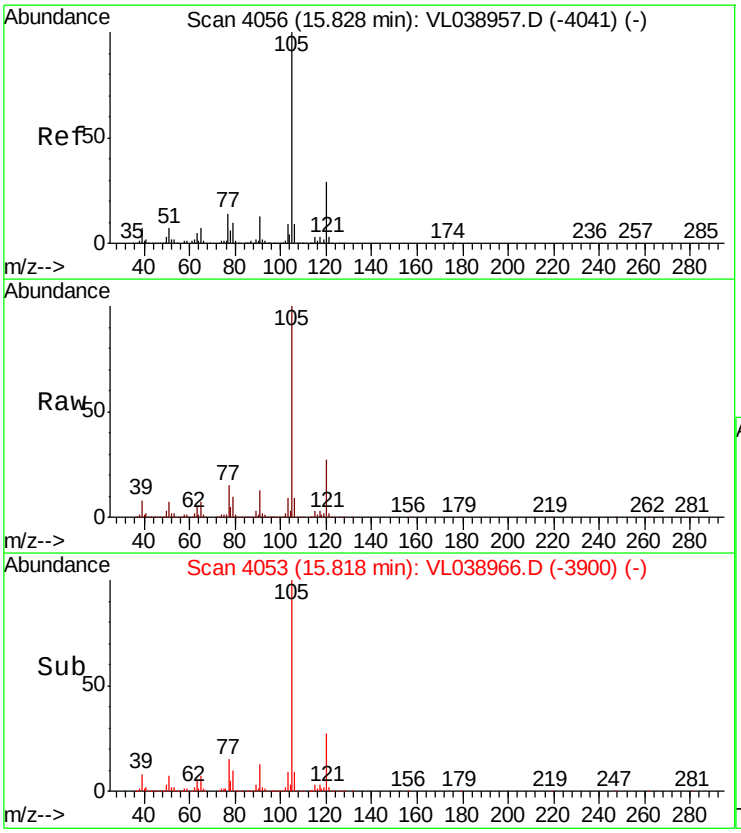
#71
2-Chlorotoluene
Concen: 7.162 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion: 91 Resp: 3200611

Ion	Ratio	Lower	Upper
91	100		
126	30.4	11.9	47.5

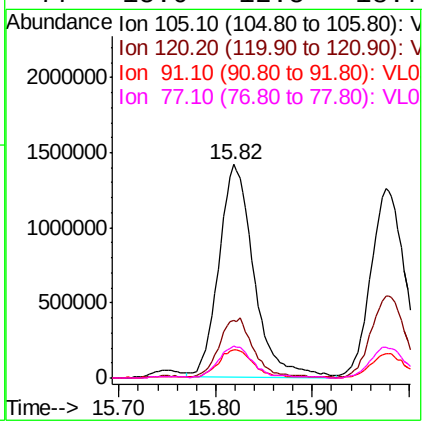


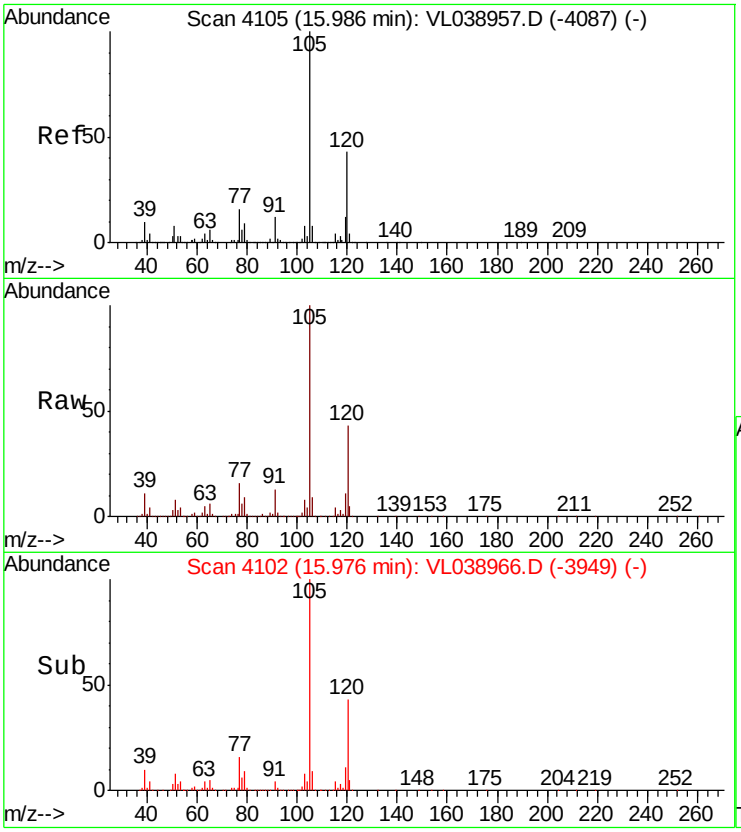


#72
4-Ethyltoluene
Concen: 7.908 ppbv
RT: 15.82 min Scan# 4053
Delta R.T. -0.01 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:105 Resp: 3572100

Ion	Ratio	Lower	Upper
105	100		
120	28.1	23.4	35.0
91	13.2	10.6	16.0
77	15.0	12.5	18.7



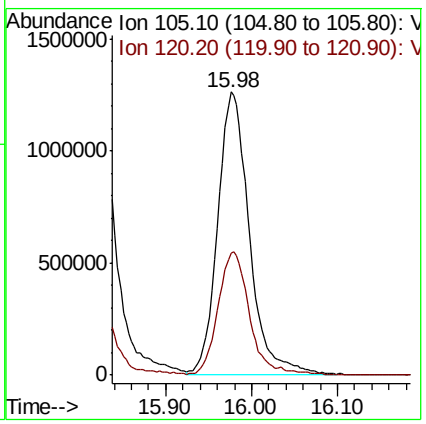


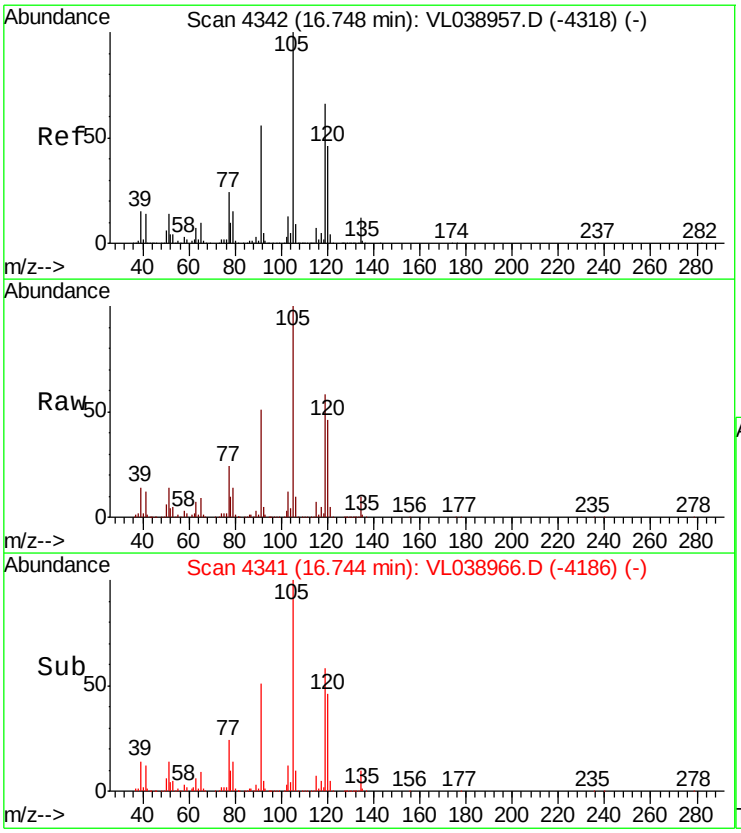
#73
1,3,5-Trimethylbenzene
Concen: 7.905 ppbv
RT: 15.98
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:105 Resp: 3214616

Ion	Ratio	Lower	Upper
105	100		
120	43.2	34.4	51.6

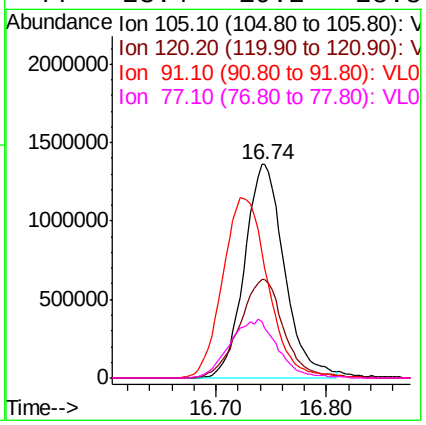


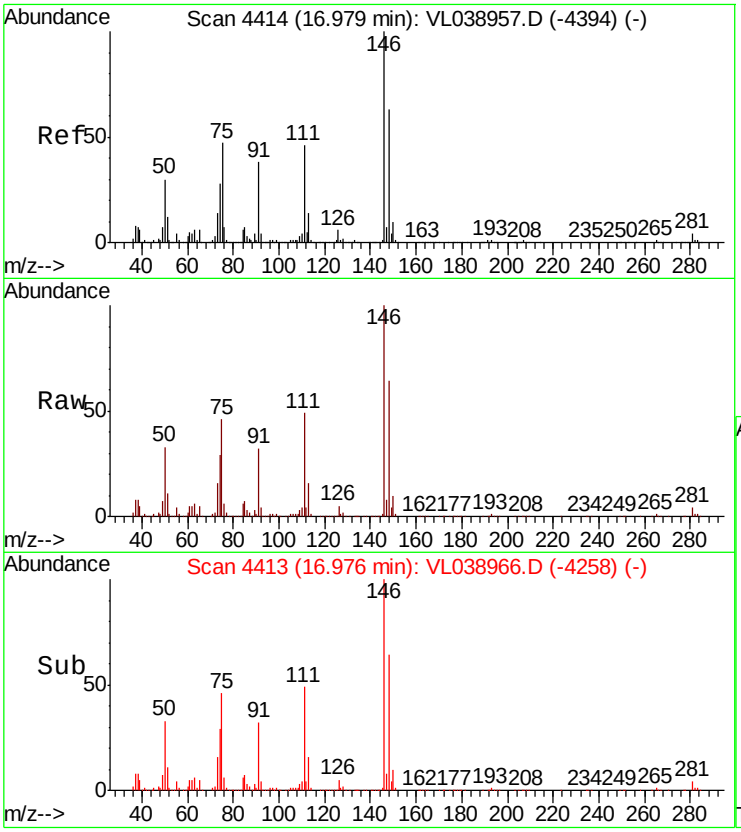


#74
1,2,4-Trimethylbenzene
Concen: 7.659 ppbv
RT: 16.74 min Scan# 4341
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:105 Resp: 3410212

Ion	Ratio	Lower	Upper
105	100		
120	45.9	36.9	55.3
91	50.8	45.0	67.4
77	23.4	19.2	28.8



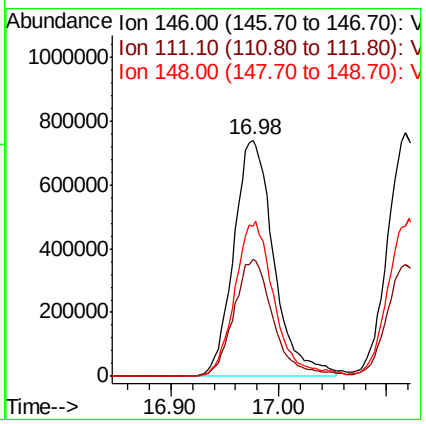


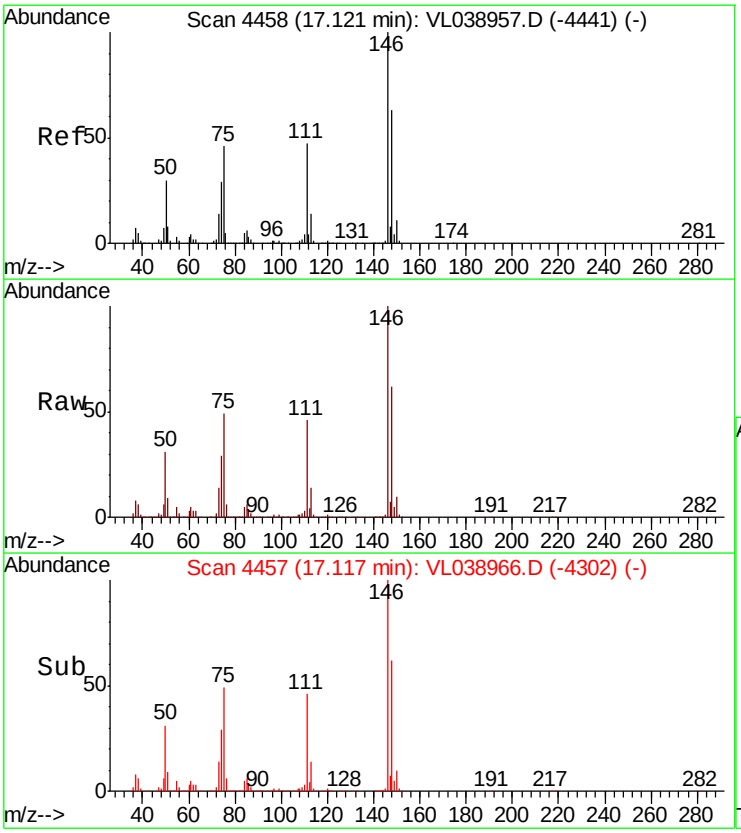
#75
1,3-Dichlorobenzene
Concen: 7.825 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:146 Resp: 1908981

Ion	Ratio	Lower	Upper
146	100		
111	49.1	24.1	72.2
148	64.6	32.4	97.2

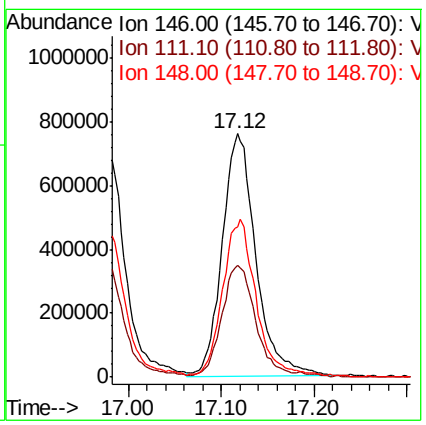


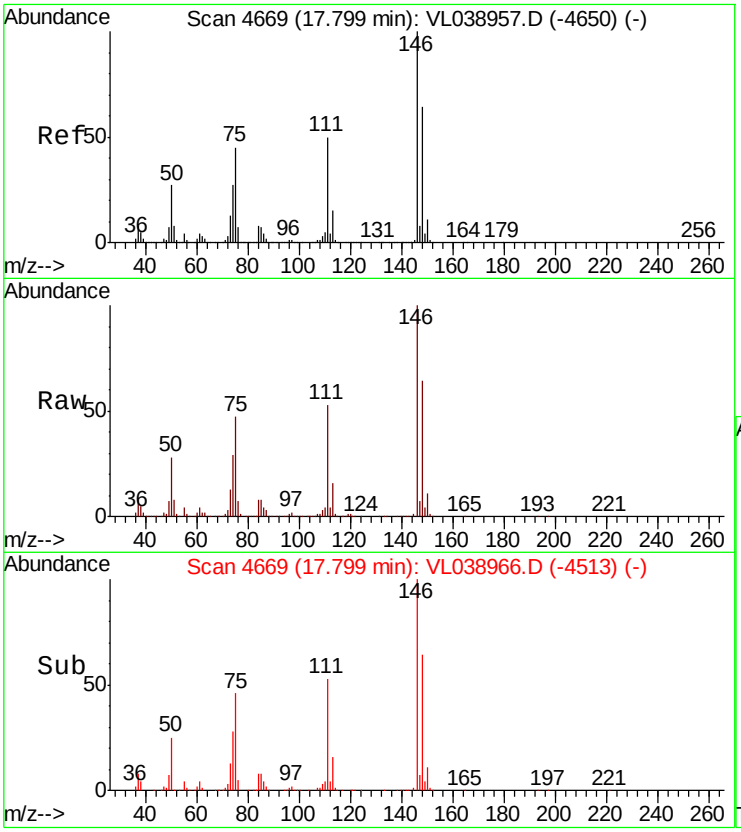


#76
1,4-Dichlorobenzene
Concen: 7.938 ppbv
RT: 17.12 min Scan# 4457
Delta R.T. -0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:146 Resp: 1905134

Ion	Ratio	Lower	Upper
146	100		
111	47.9	23.6	71.0
148	64.9	32.2	96.6



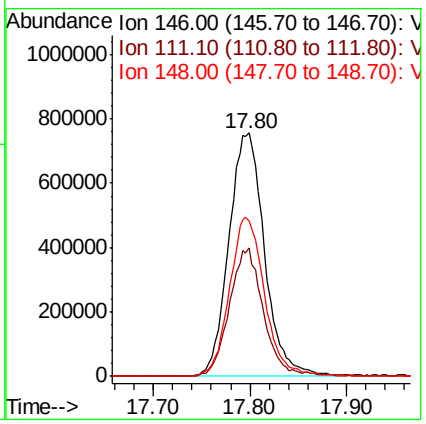


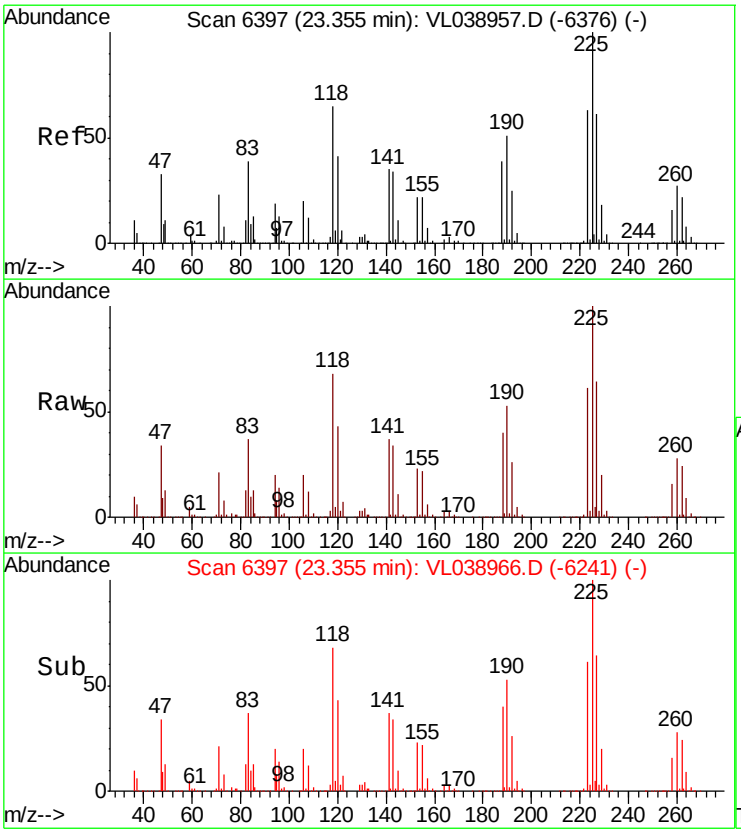
#77
1,2-Dichlorobenzene
Concen: 8.009 ppbv
RT: 17.80
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:146 Resp: 1932487

Ion	Ratio	Lower	Upper
146	100		
111	50.3	25.3	75.9
148	64.5	32.3	96.9

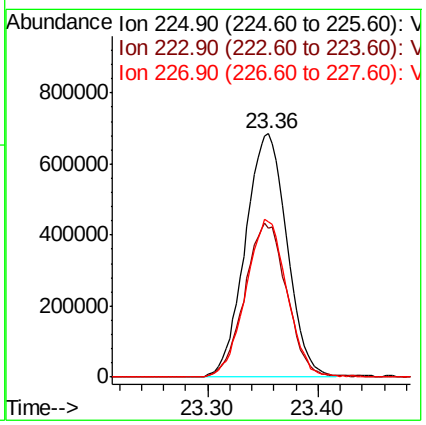


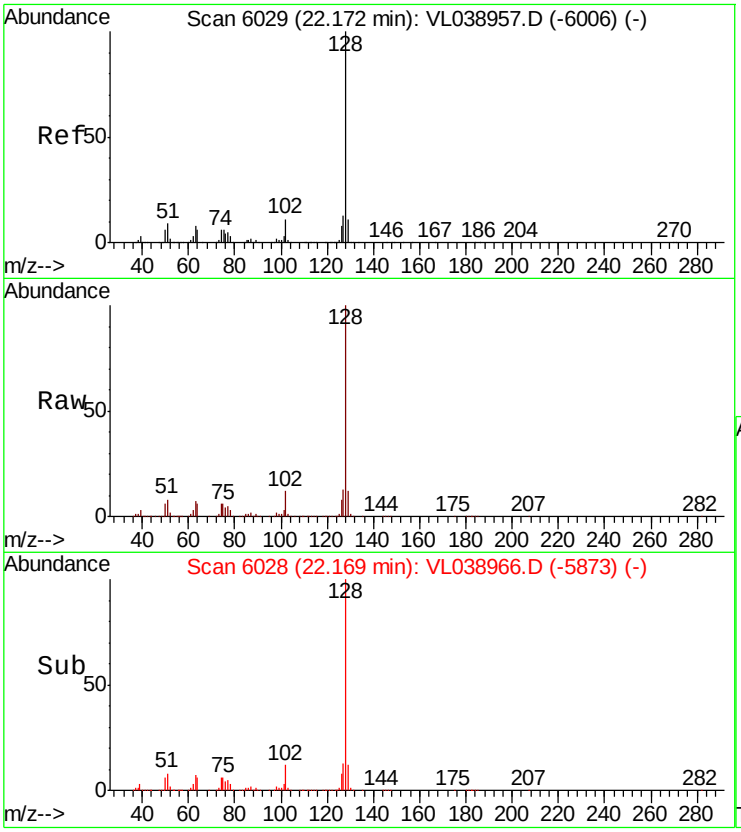


#78
Hexachloro-1,3-Butadiene
Concen: 8.105 ppbv
RT: 23.36 min Scan# 6397
Delta R.T. 0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:225 Resp: 1797321

Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.0
227	64.1	51.4	77.0



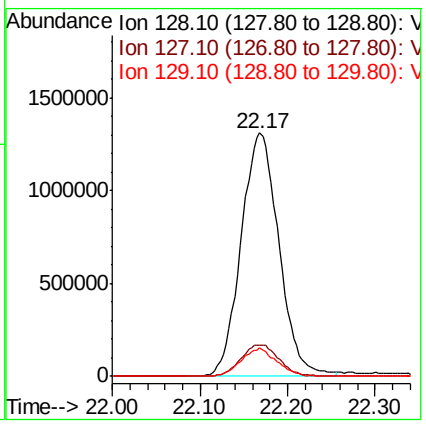


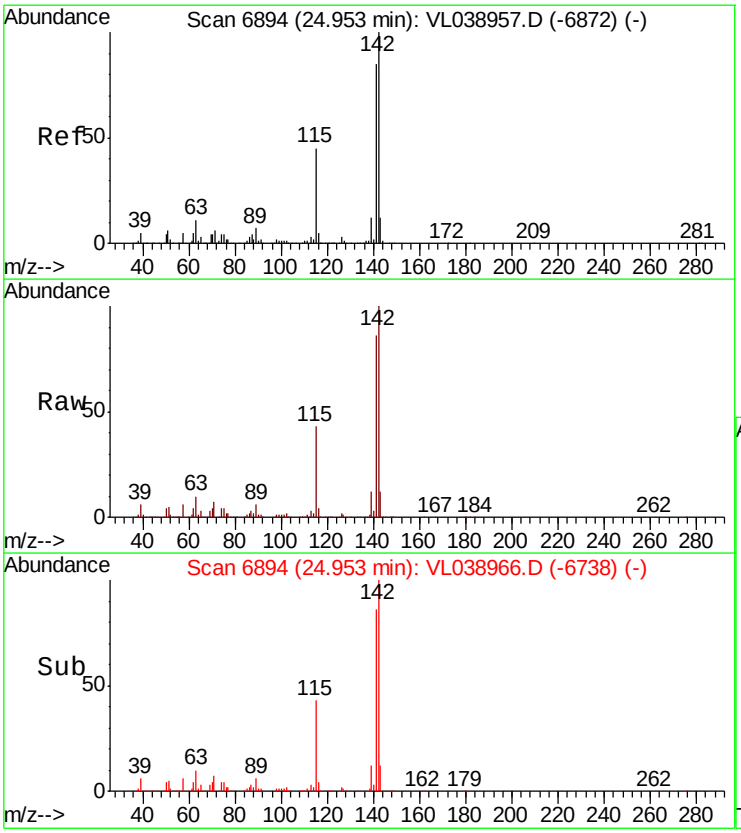
#79
Naphthalene
Concen: 10.864 ppbv
RT: 22.17
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:128 Resp: 3929311

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.6	8.9	13.3

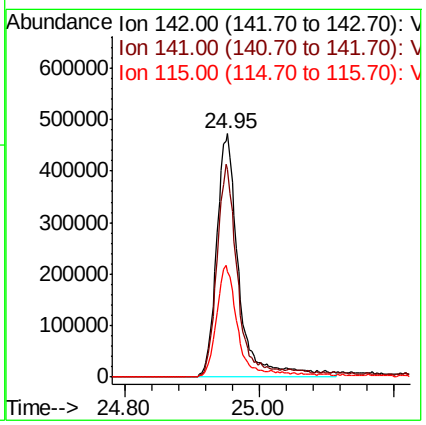


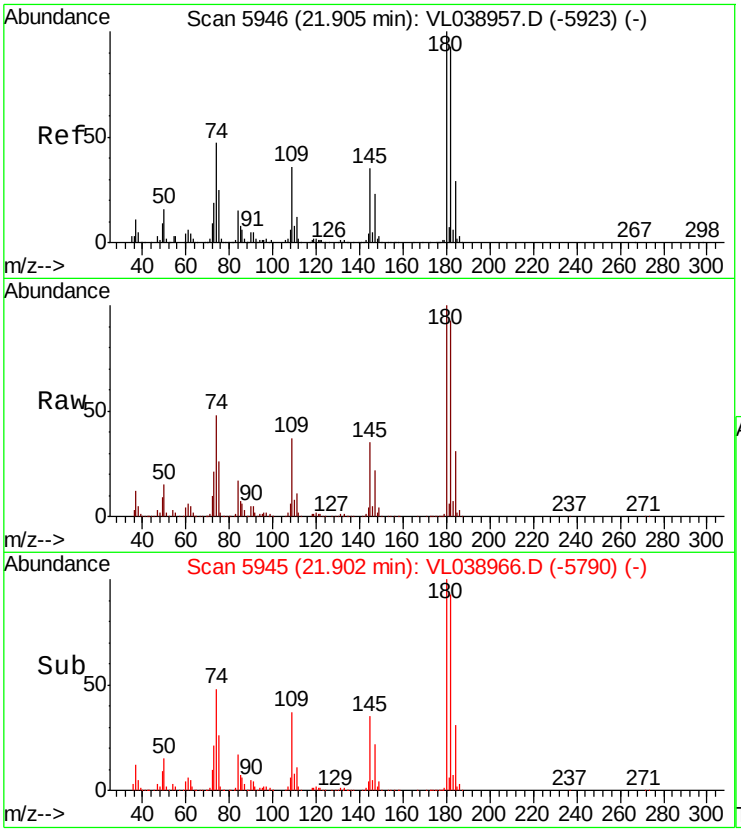


#80
Naphthalene,2-methyl-
Concen: 10.026 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. 0.00 min
Lab File: VL038966.D
Acq: 5 May 2022 9:45

Tgt Ion:142 Resp: 1096958

Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.8	106.2
115	44.8	35.1	52.7





#81
1,2,4-Trichlorobenzene
Concen: 9.554 ppbv
RT: 21.90
Delta R.T
Lab File:
Acq: 5 May 2022 9:45

Instrument :
MSVOA_L
ClientSampleId :
VL0505ABS01

Tgt Ion:180 Resp: 2024755

Ion	Ratio	Lower	Upper
180	100		
182	97.6	78.4	117.6
184	30.7	24.4	36.6