Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038960.D
Acq On : 5 May 2022 4:39
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: May 05 05:15:40 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 04:53:24 2022
QLast Update : Thu May 05 04:53:24 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1352843	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3227645	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	2852397	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2277705	10.10	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	116152	0.531	ppbv		90
3) Chlorodifluoromethane	2.99	51	87102	0.366	ppbv		98
4) Chloromethane	3.14	50	22926	0.259	ppbv		90
5) Vinyl Chloride	3.25	62	35572	0.393	ppbv		98
6) Bromomethane	3.47	94	17407	0.361	ppbv		93
7) Chloroethane	3.56	64	13402	0.434	ppbv		95
8) Dichlorotetrafluoroethane	3.19	85	98871	0.476	ppbv		95
9) Propene	3.01	41	41408	0.530	ppbv		100
10) Heptane	8.11	43	89948	0.450	ppbv		97
11) Trichlorofluoromethane	3.95	101	95306	0.438	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.48	101	62031	0.441	ppbv		90
13) Ethanol	3.61	45	1188	0.139	ppbv	#	18
14) Bromoethene	3.74	108	23694	0.405	ppbv	#	80
15) Acetone	3.86	43	63311	0.474	ppbv	#	88
16) 1,3-Butadiene	3.33	39	22951	0.258	ppbv	#	48
18) 1,1-Dichloroethene	4.29	96	23285	0.375	ppbv		96
19) Isopropyl Alcohol	3.98	45	28743	0.403	ppbv	#	93
20) Methylene Chloride	4.35	84	25454	0.423	ppbv		97
21) Allyl Chloride	4.41	41	19135	0.187	ppbv	#	19
22) trans-1,2-Dichloroethene	4.88	96	22946	0.389	ppbv		94
23) Vinyl Acetate	5.07	43	12120	0.060	ppbv	#	83
24) 1,1-Dichloroethane	5.01	63	56492	0.361	ppbv		97
25) Ethyl Acetate	5.68	43	150388	0.475	ppbv	#	97
26) Hexane	5.68	57	39128	0.271	ppbv	#	1
27) Carbon Disulfide	4.55	76	55345	0.389	ppbv	#	82
28) Methyl tert-Butyl Ether	5.04	73	49264	0.309	ppbv	#	87
29) Chloroform	5.75	83	110004	0.470	ppbv		99
30) Cyclohexane	7.12	84	59356	0.508	ppbv		87
31) cis-1,2-Dichloroethene	5.55	61	68093	0.483	ppbv		96
32) 1,1,1-Trichloroethane	6.50	97	106203	0.450	ppbv		96
34) 2-Butanone	5.25	43	84994	0.530	ppbv		98
35) Carbon Tetrachloride	7.01	117	104034	0.420	ppbv		97
36) Benzene	6.88	78	139432	0.474	ppbv		97
37) 1,2-Dichloroethane	6.30	62	77546	0.440	ppbv	#	96
38) Trichloroethene	7.83	130	55505	0.471	ppbv		95
39) 1,2-Dichloropropane	7.61	63	50556	0.424	ppbv		94
41) Tetrahydrofuran	6.07	42	34783	0.437	ppbv	#	64
42) Bromodichloromethane	7.78	83	55492	0.232	ppbv	#	94
43) Methyl Methacrylate	8.01	69	40700	0.401	ppbv	#	55
44) 2,2,4-Trimethylpentane	7.86	57	249281	0.479	ppbv		97
45) t-1,3-Dichloropropene	9.27	75	21718	0.189	ppbv		97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038960.D
Acq On : 5 May 2022 4:39
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: May 05 05:15:40 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 04:53:24 2022
QLast Update : Thu May 05 04:53:24 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
46) cis-1,3-Dichloropropene	8.69	75	60292	0.412 ppbv	#	91
47) 1,1,2-Trichloroethane	9.46	97	28106	0.232 ppbv	#	83
48) Dibromochloromethane	10.29	129	44311	0.237 ppbv	#	10
49) Bromoform	13.03	173	39452	0.264 ppbv	#	62
51) 2-Hexanone	10.14	43	93392	0.689 ppbv	#	94
52) Tetrachloroethene	11.21	164	47448	0.436 ppbv	#	90
53) Toluene	9.80	91	151586	0.482 ppbv		99
54) 1,2-Dibromoethane	10.60	107	63840	0.373 ppbv		86
56) 1,1,1,2-Tetrachloroethane	12.12	131	22670	0.176 ppbv	#	9
57) Chlorobenzene	12.13	112	111093	0.466 ppbv		90
58) Ethyl Benzene	12.70	91	214489	0.523 ppbv		92
59) m/p-Xylene	12.98	91	92649	0.258 ppbv	#	33
60) o-Xylene	13.67	91	164057	0.474 ppbv		99
61) Styrene	13.52	104	44468	0.258 ppbv	#	31
62) Isopropylbenzene	14.65	105	252932	0.536 ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.67	83	99298	0.382 ppbv		97
64) n-propylbenzene	15.55	120	27443	0.238 ppbv	#	1
65) tert-Butylbenzene	16.73	119	107386	0.262 ppbv	#	15
66) Benzyl Chloride	16.96	91	4841	0.097 ppbv	#	70
67) sec-Butylbenzene	17.27	105	149199	0.257 ppbv	#	56
69) p-Isopropyltoluene	17.63	119	241922	0.532 ppbv		95
70) n-Butylbenzene	18.54	91	249990	0.525 ppbv		100
71) 2-Chlorotoluene	15.44	91	192620	0.543 ppbv		98
72) 4-Ethyltoluene	15.82	105	181206	0.476 ppbv		97
73) 1,3,5-Trimethylbenzene	15.98	105	155703	0.439 ppbv		97
74) 1,2,4-Trimethylbenzene	16.75	105	89541	0.234 ppbv		96
75) 1,3-Dichlorobenzene	16.97	146	46453	0.217 ppbv	#	11
76) 1,4-Dichlorobenzene	17.12	146	91134	0.427 ppbv		87
77) 1,2-Dichlorobenzene	17.80	146	57663	0.284 ppbv	#	30
78) Hexachloro-1,3-Butadiene	23.35	225	99350	0.544 ppbv		93
79) Naphthalene	22.17	128	67316	0.285 ppbv	#	95
80) Naphthalene,2-methyl-	24.97	142	24818	0.482 ppbv	#	75
81) 1,2,4-Trichlorobenzene	21.90	180	32102	0.224 ppbv	#	11

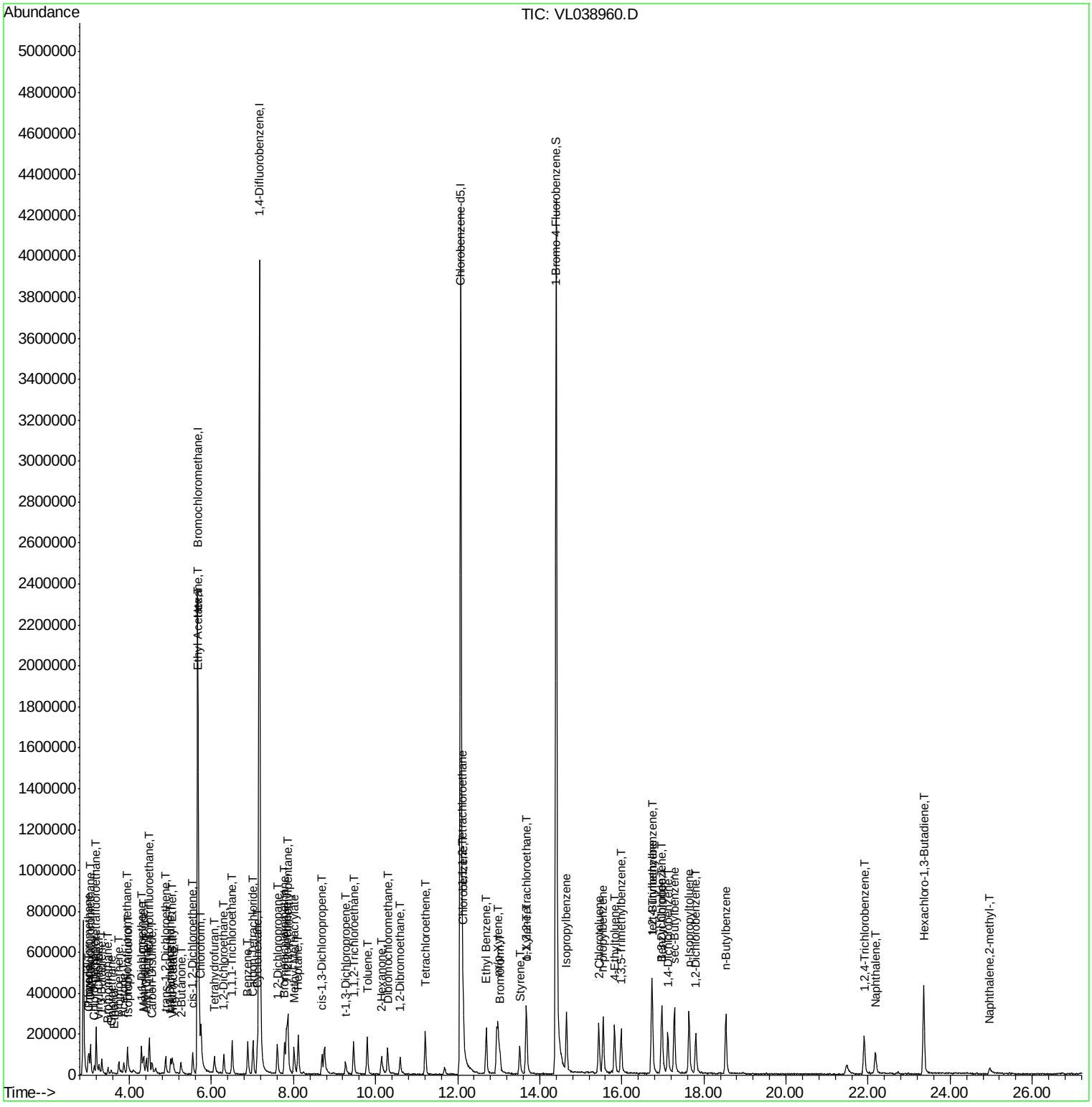
(#) = qualifier out of range (m) = manual integration (+) = signals summed

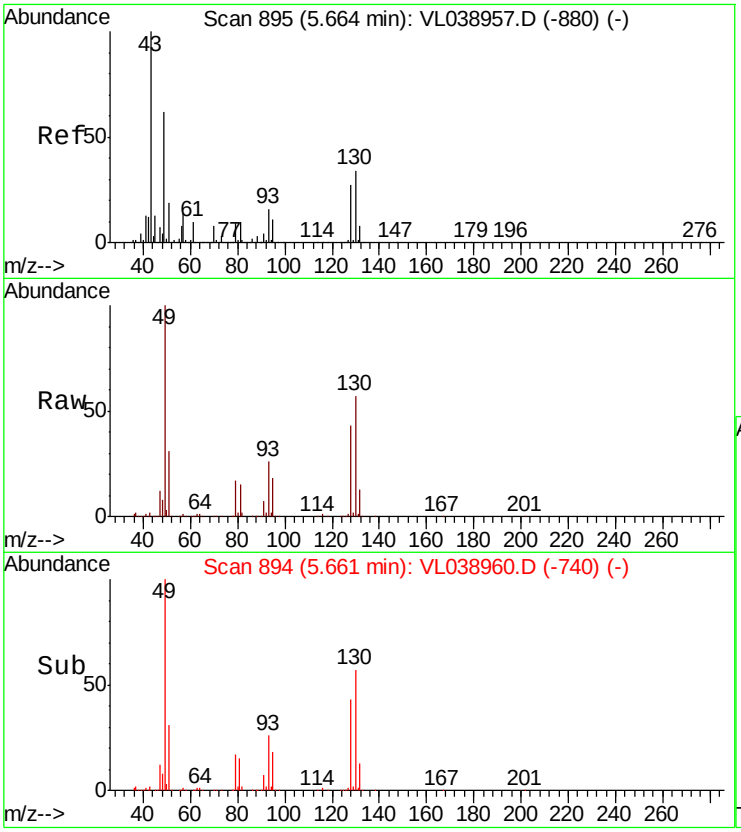
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038960.D
Acq On : 5 May 2022 4:39
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: May 05 05:15:40 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 04:53:24 2022
QLast Update : Thu May 05 04:53:24 2022
Response via : Initial Calibration



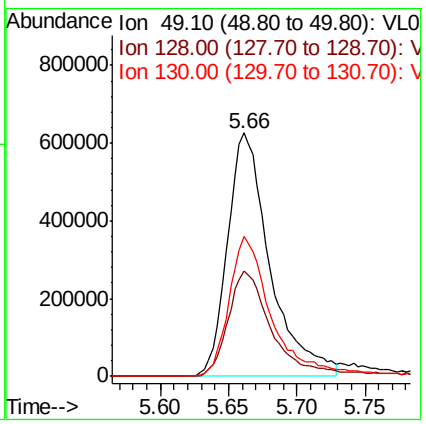


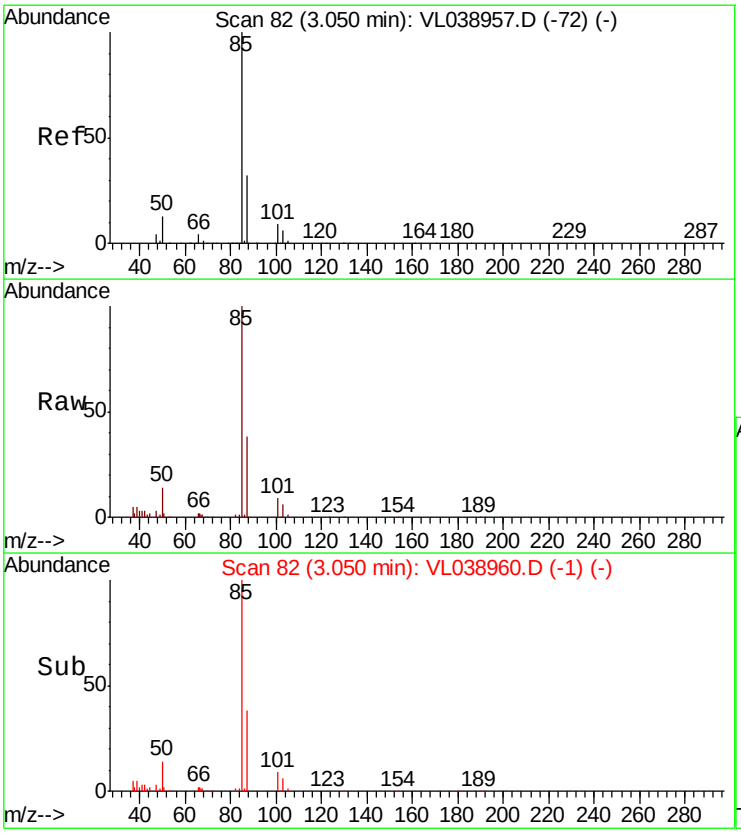
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1352843

Ion	Ratio	Lower	Upper
49	100		
128	46.1	23.3	69.8
130	60.0	29.8	89.3

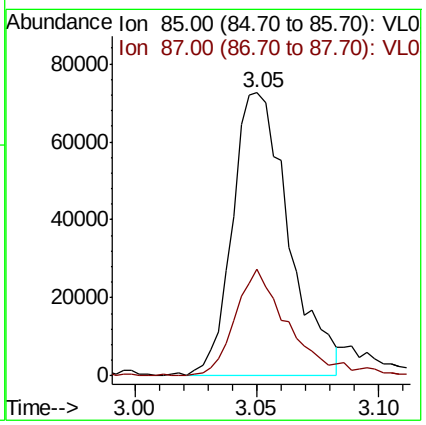


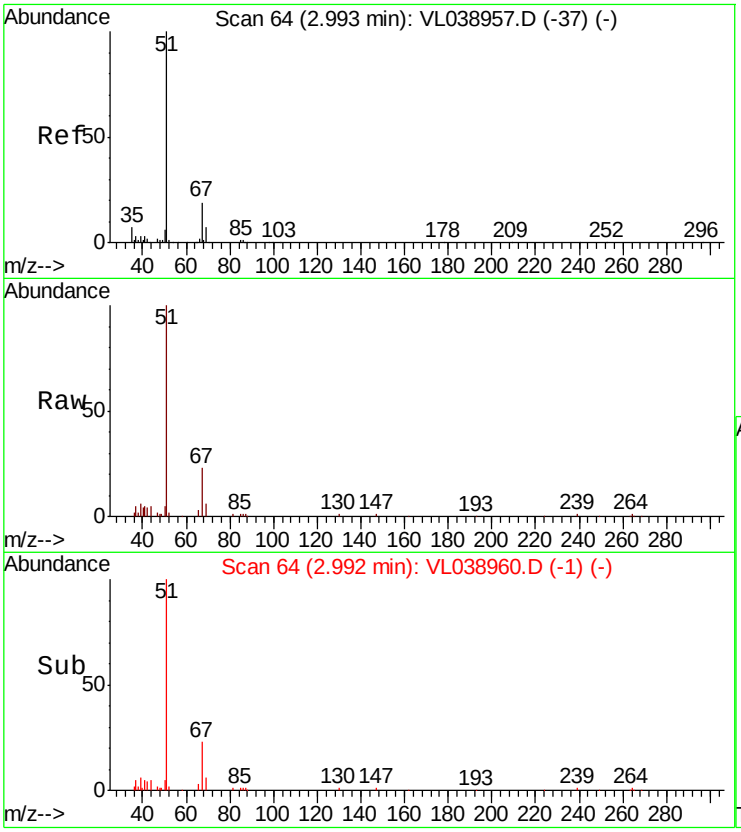


#2
Dichlorodifluoromethane
Concen: 0.531 ppbv
RT: 3.05 min Scan# 82
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 85 Resp: 116152

Ion	Ratio	Lower	Upper
85	100		
87	37.6	25.7	38.5



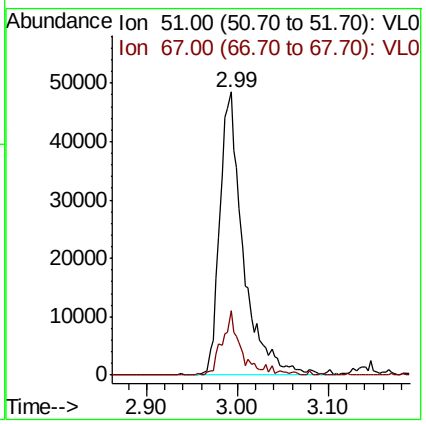


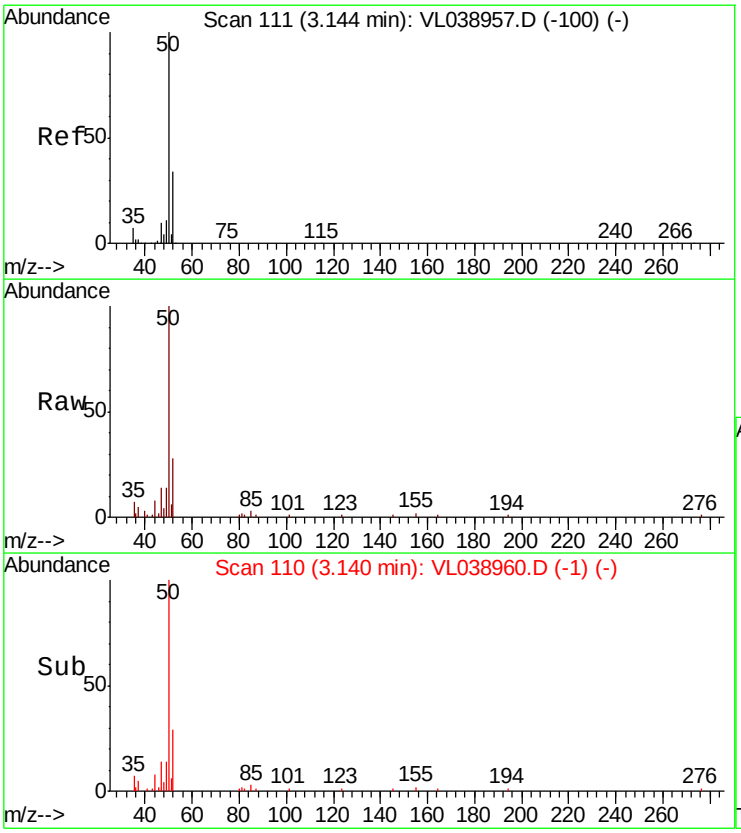
#3
Chlorodifluoromethane
Concen: 0.366 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 87102

Ion	Ratio	Lower	Upper
51	100		
67	18.7	15.8	23.8

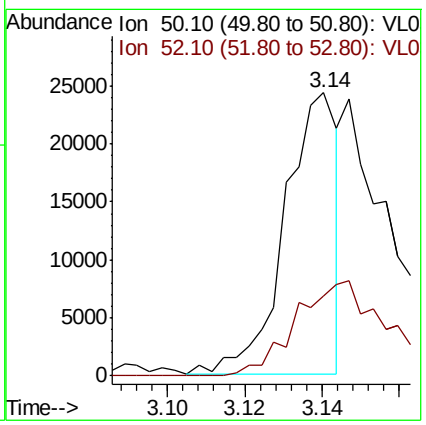


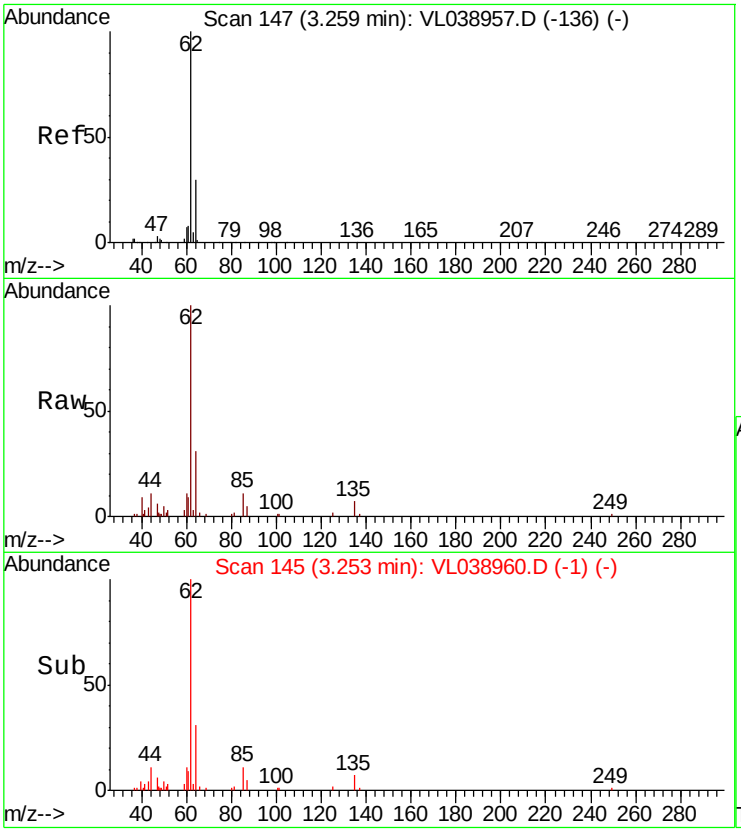


#4
Chloromethane
Concen: 0.259 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 50 Resp: 22926

Ion	Ratio	Lower	Upper
50	100		
52	28.5	27.3	40.9



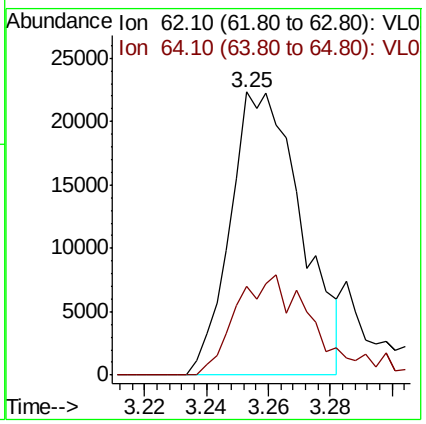


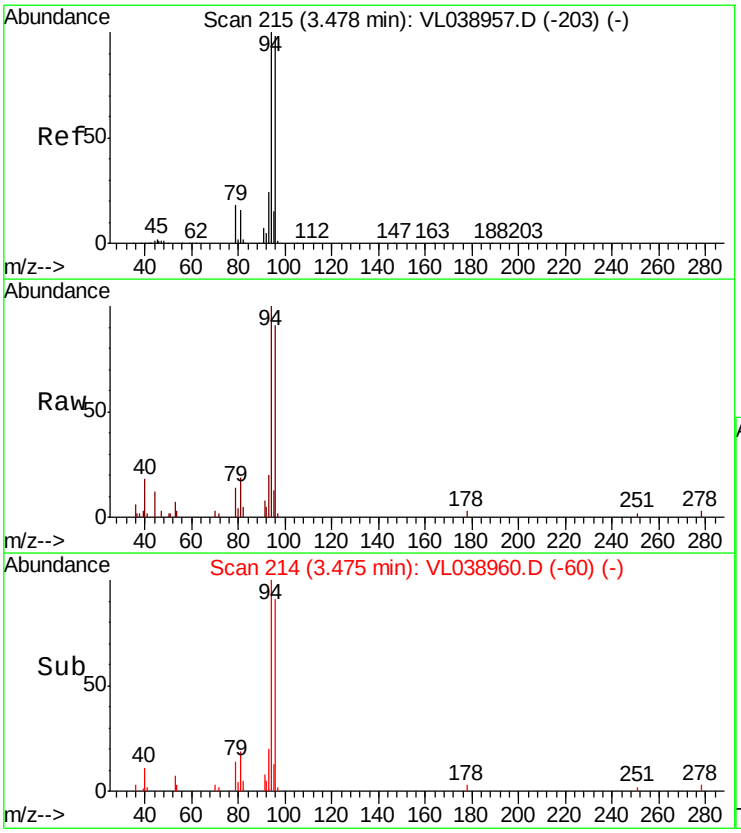
#5
Vinyl Chloride
Concen: 0.393 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 35572

Ion	Ratio	Lower	Upper
62	100		
64	31.3	24.2	36.4

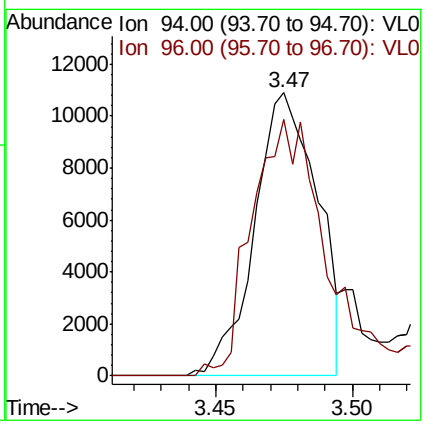


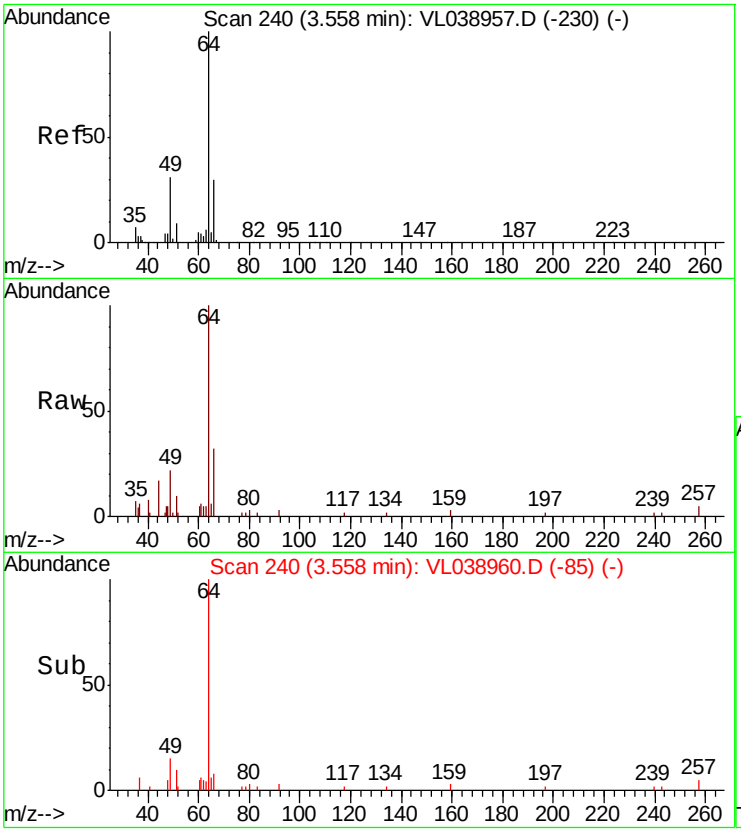


#6
Bromomethane
Concen: 0.361 ppbv
RT: 3.47 min Scan# 214
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 94 Resp: 17407

Ion	Ratio	Lower	Upper
94	100		
96	90.7	78.1	117.1



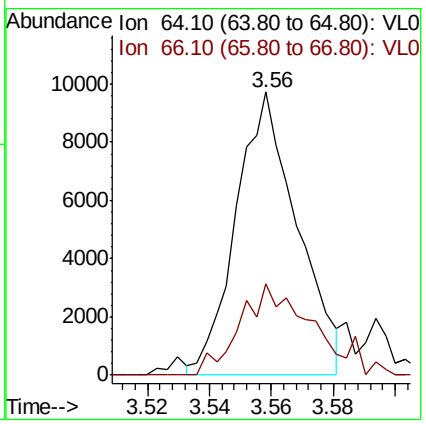


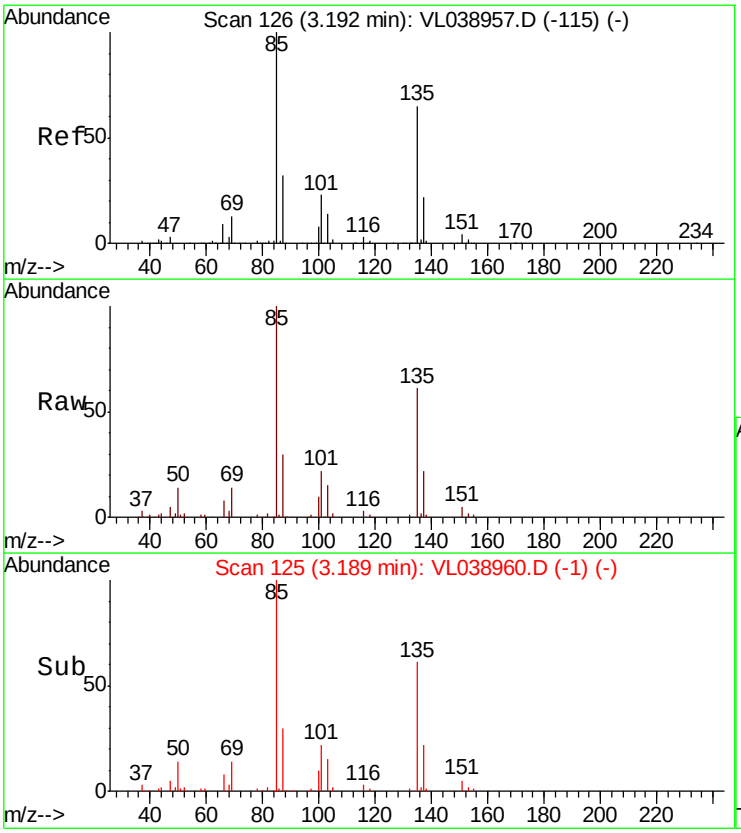
#7
Chloroethane
Concen: 0.434 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 13402

Ion	Ratio	Lower	Upper
64	100		
66	32.3	23.8	35.8

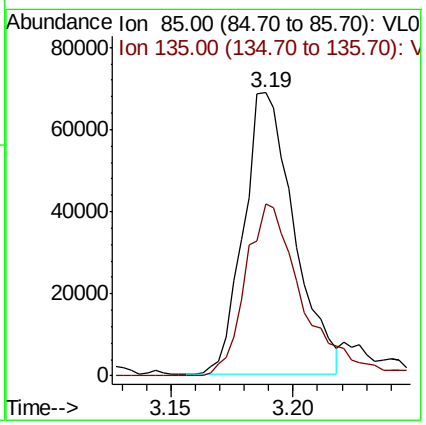


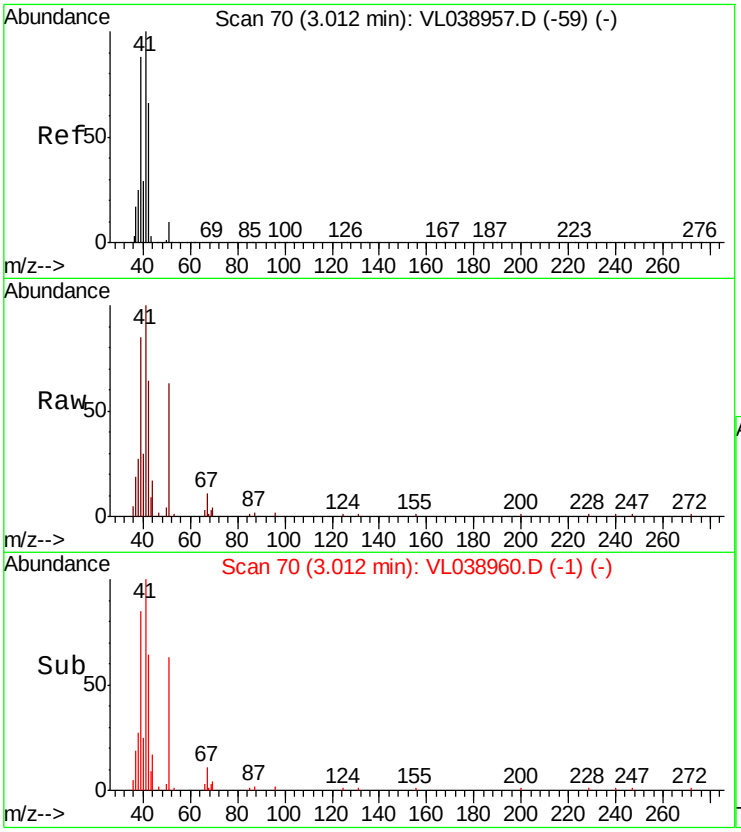


#8
Dichlorotetrafluoroethane
Concen: 0.476 ppbv
RT: 3.19 min Scan# 125
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 85 Resp: 98871

Ion	Ratio	Lower	Upper
85	100		
135	71.0	53.6	80.4



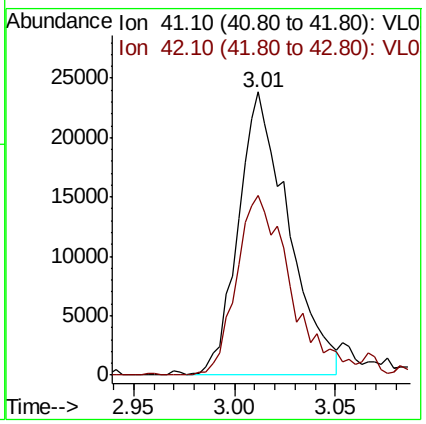


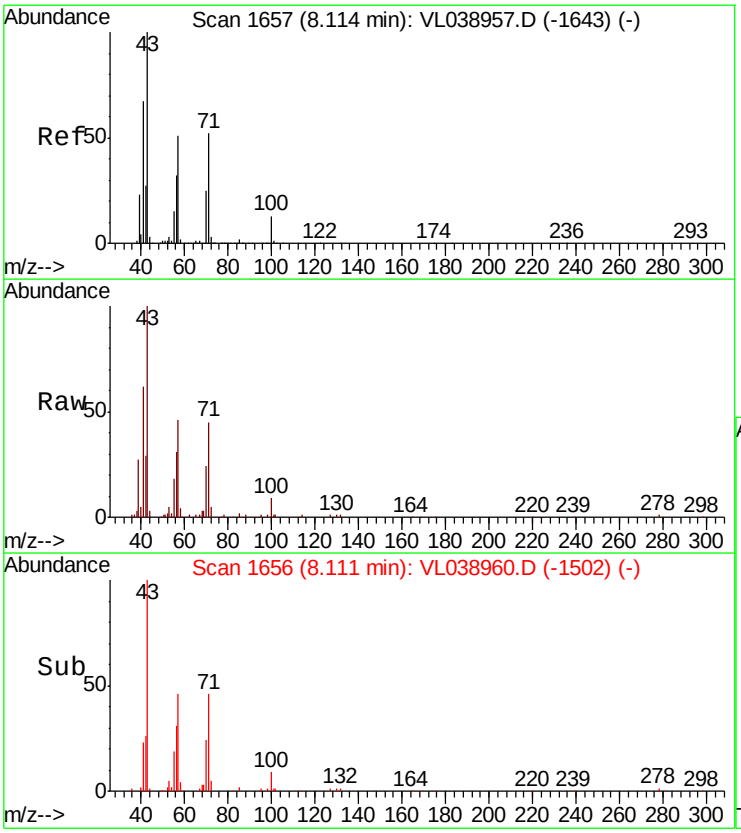
#9
Propene
Concen: 0.530 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 41408

Ion	Ratio	Lower	Upper
41	100		
42	73.0	58.3	87.5

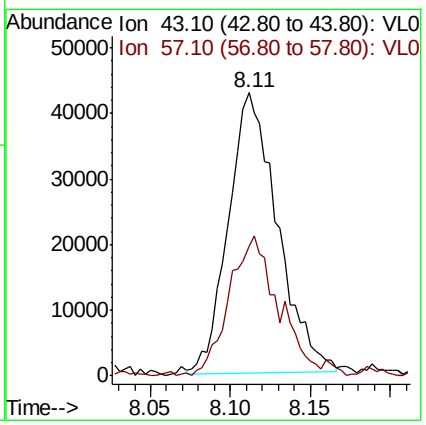


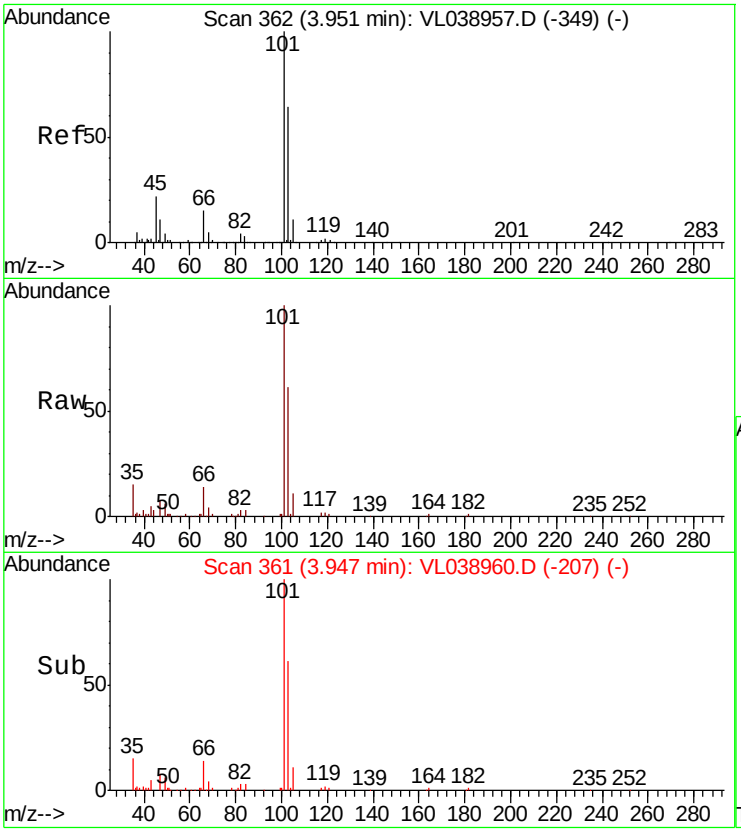


#10
Heptane
Concen: 0.450 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 43 Resp: 89948

Ion	Ratio	Lower	Upper
43	100		
57	52.8	40.5	60.7



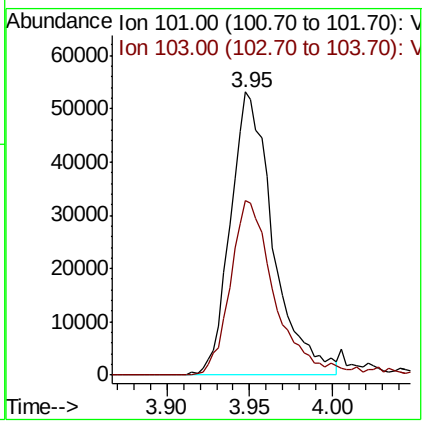


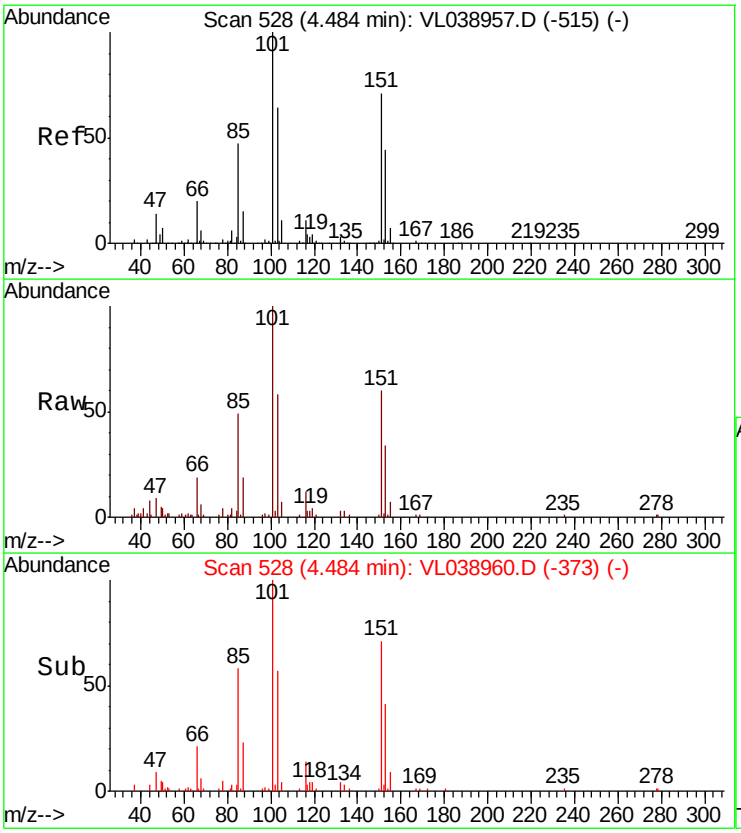
#11
Trichlorofluoromethane
Concen: 0.438 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 95306

Ion	Ratio	Lower	Upper
101	100		
103	61.5	51.5	77.3

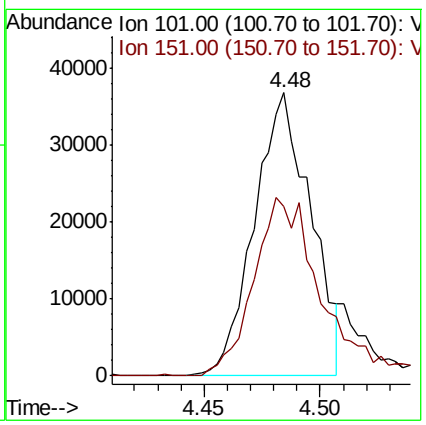


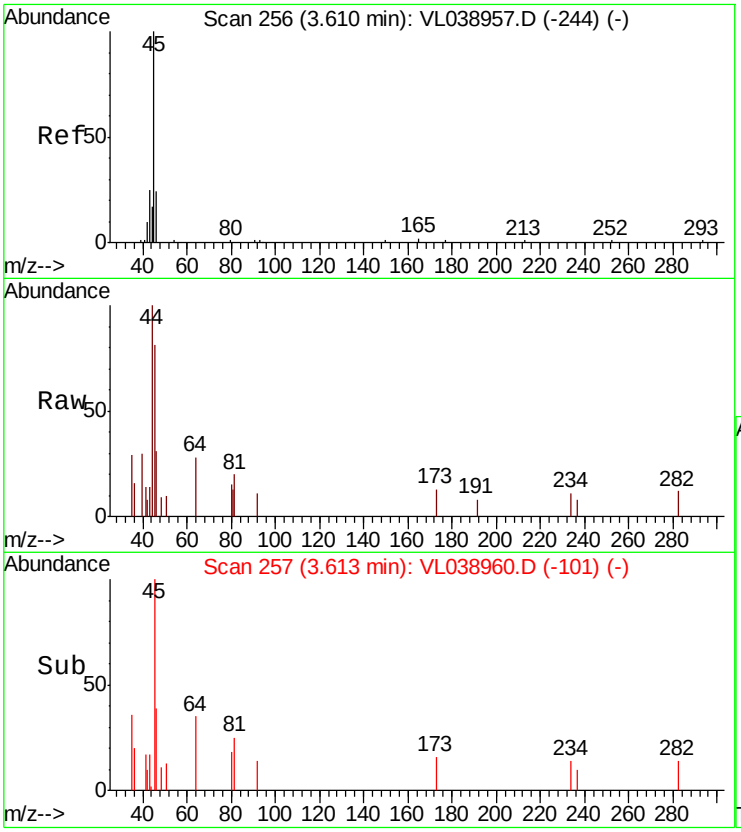


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.441 ppbv
RT: 4.48 min Scan# 528
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:101 Resp: 62031

Ion	Ratio	Lower	Upper
101	100		
151	77.5	55.4	83.0



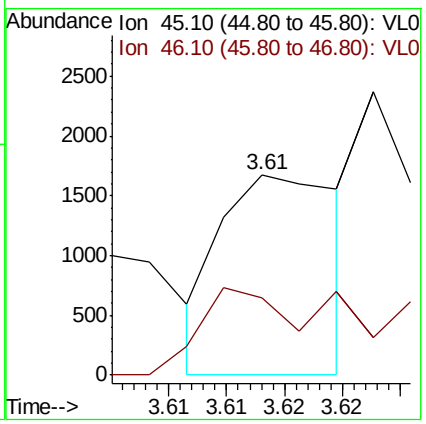


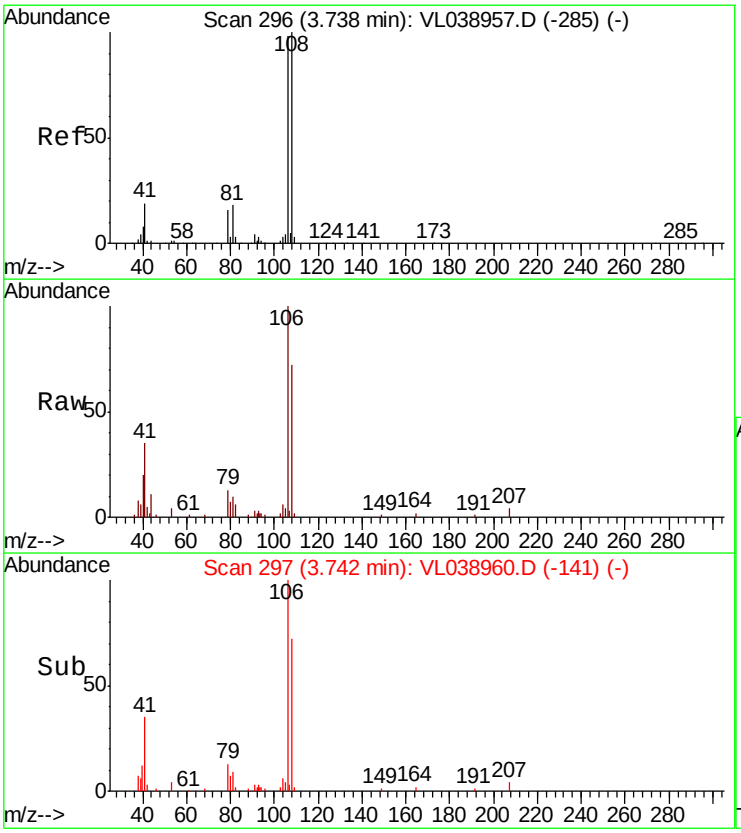
#13
Ethanol
Concen: 0.139 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 1188

Ion	Ratio	Lower	Upper
45	100		
46	98.5	18.0	72.2#

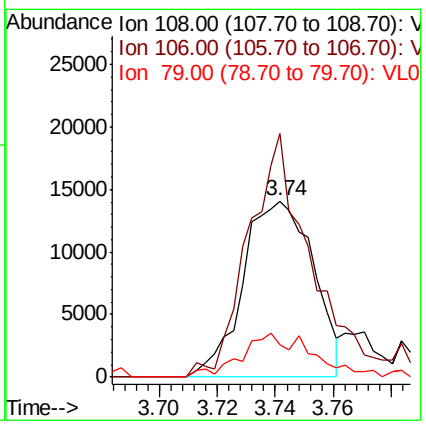


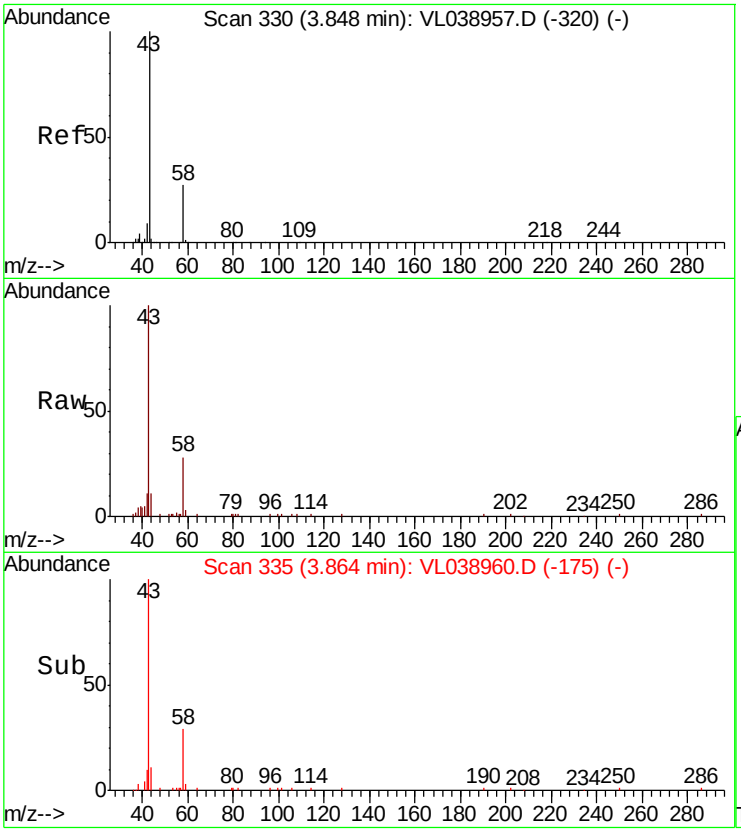


#14
Bromoethene
Concen: 0.405 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:108 Resp: 23694

Ion	Ratio	Lower	Upper
108	100		
106	135.0	90.3	135.5
79	25.6	14.9	22.3#



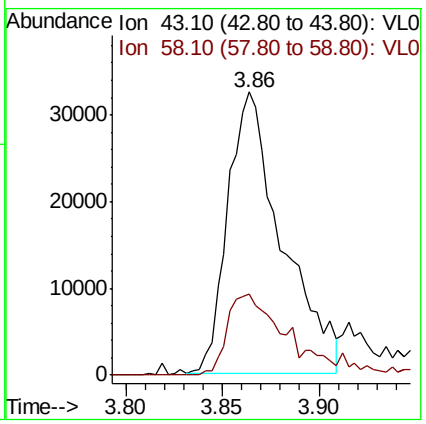


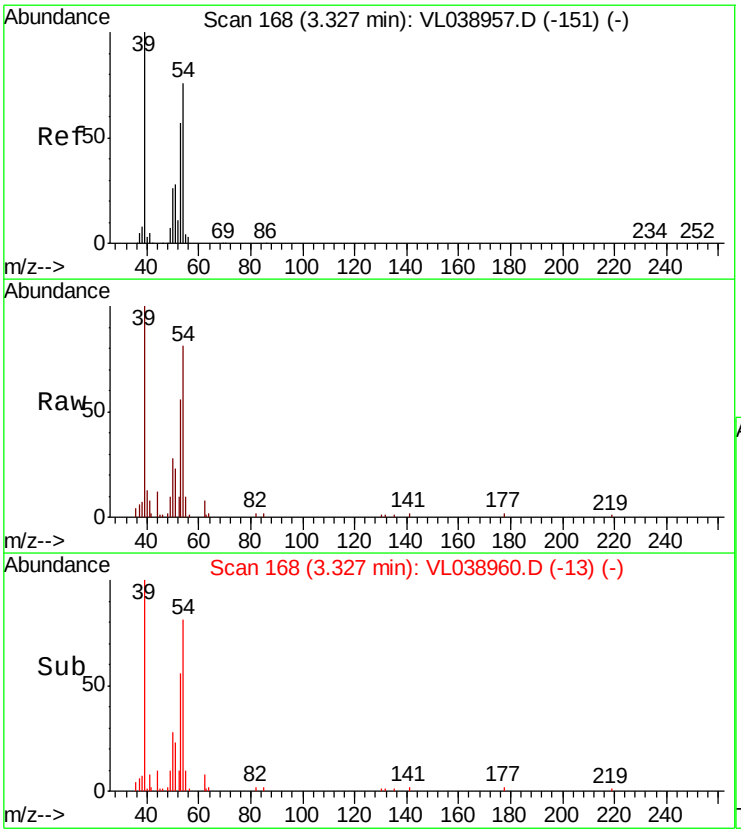
#15
Acetone
Concen: 0.474 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 63311

Ion	Ratio	Lower	Upper
43	100		
58	32.7	21.3	31.9#

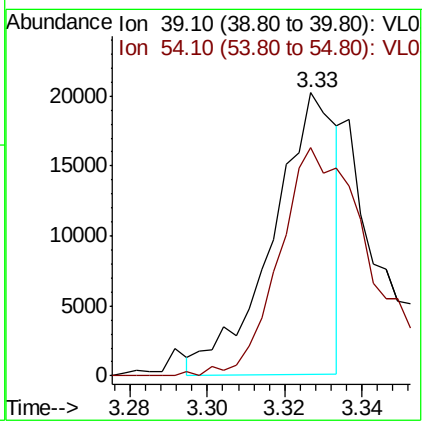


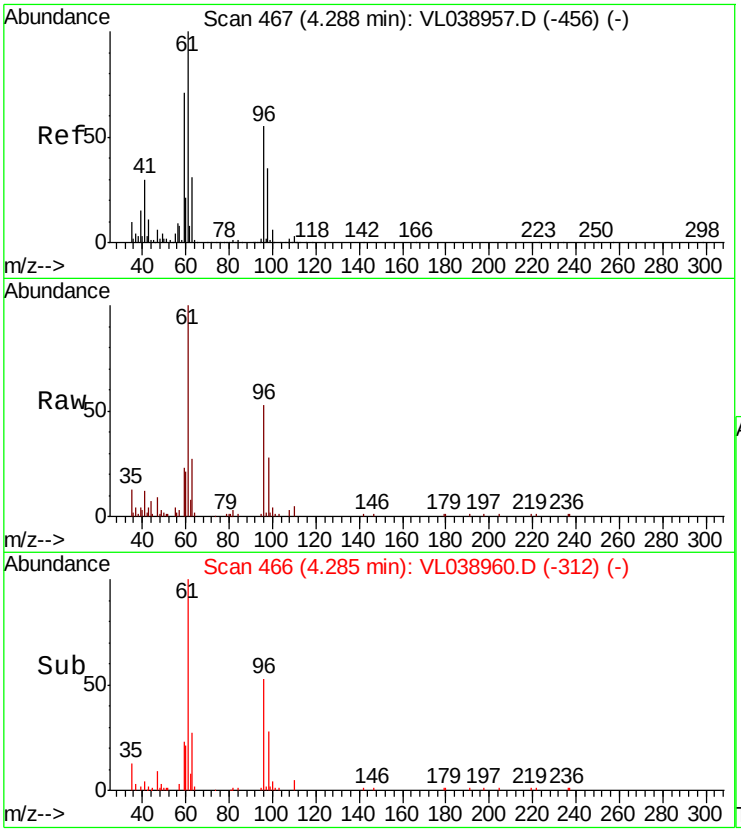


#16
1,3-Butadiene
Concen: 0.258 ppbv
RT: 3.33 min Scan# 168
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 39 Resp: 22951

Ion	Ratio	Lower	Upper
39	100		
54	128.1	65.2	97.8#



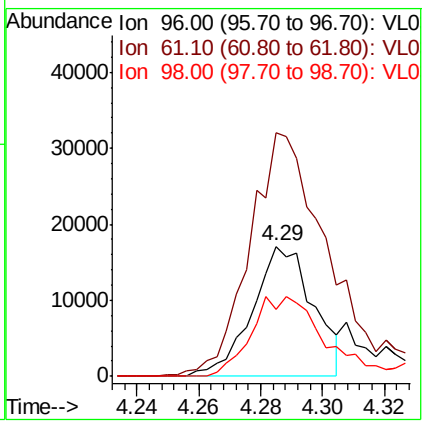


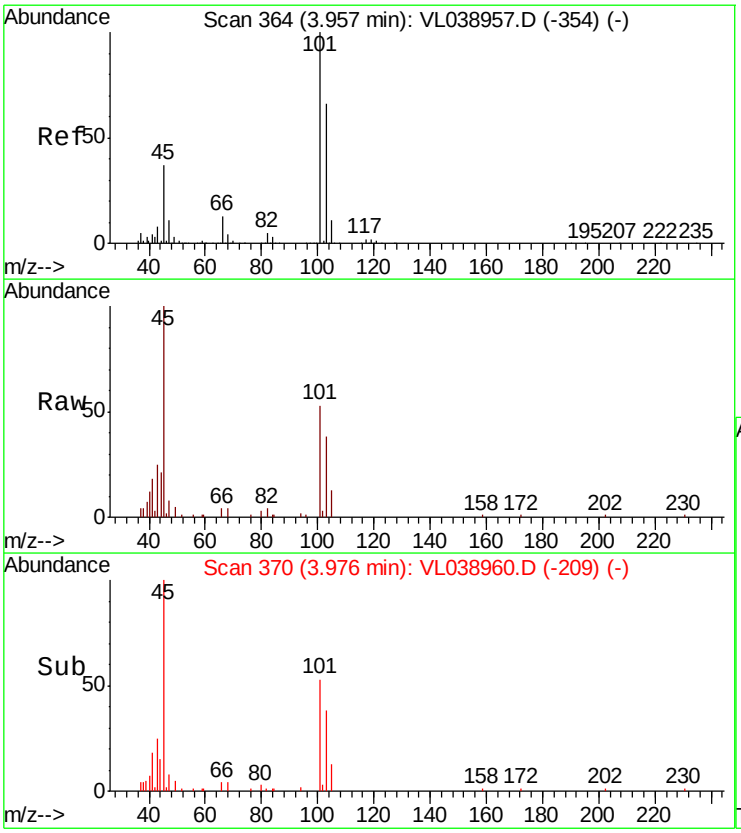
#18
1,1-Dichloroethene
Concen: 0.375 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 23285

Ion	Ratio	Lower	Upper
96	100		
61	183.5	146.3	219.5
98	52.0	50.6	75.8

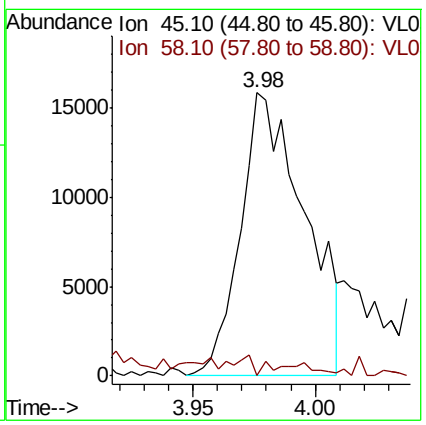


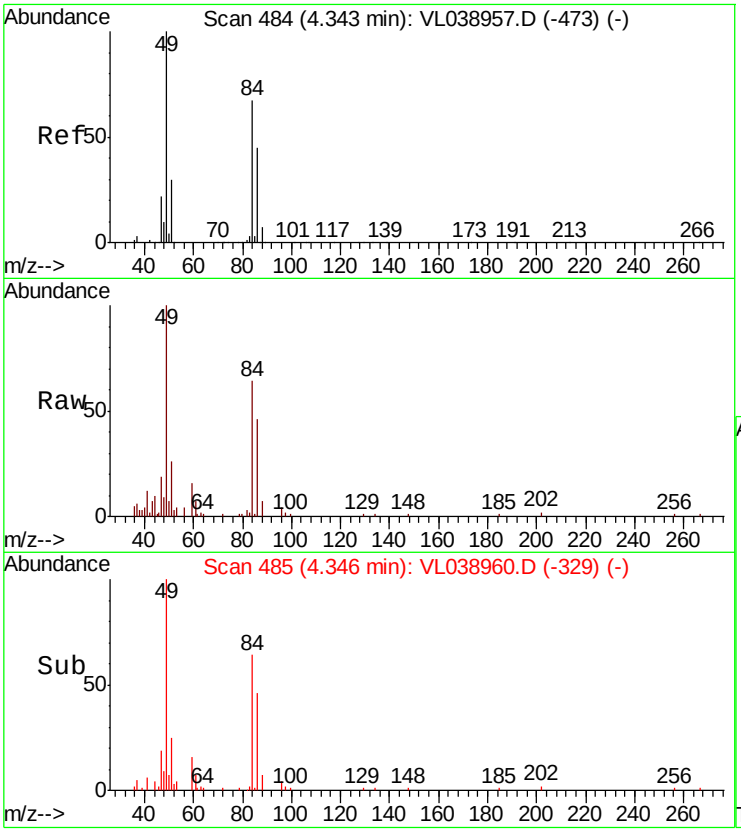


#19
Isopropyl Alcohol
Concen: 0.403 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.02 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 45 Resp: 28743

Ion	Ratio	Lower	Upper
45	100		
58	4.2	1.4	2.2#



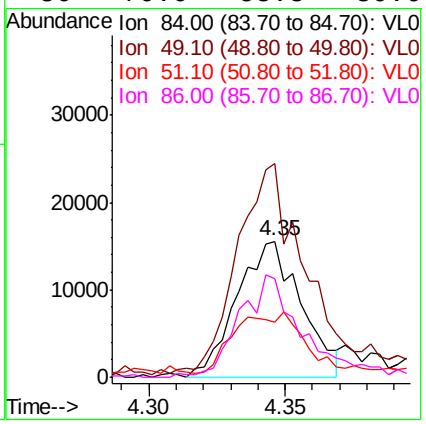


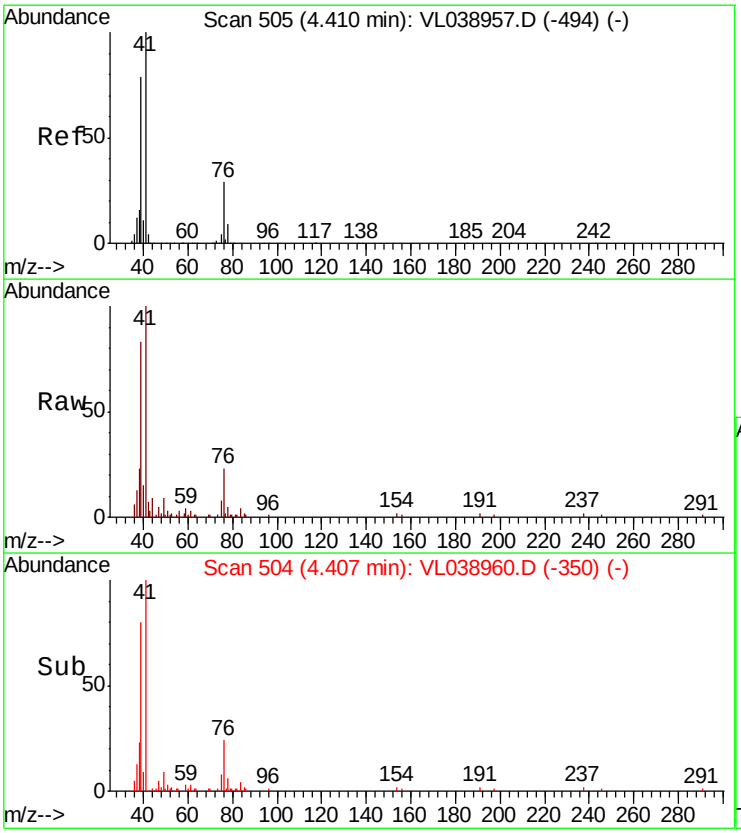
#20
Methylene Chloride
Concen: 0.423 ppbv
RT: 4.35
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 84 Resp: 25454

Ion	Ratio	Lower	Upper
84	100		
49	150.4	119.9	179.9
51	36.9	35.7	53.5
86	70.0	53.8	80.6

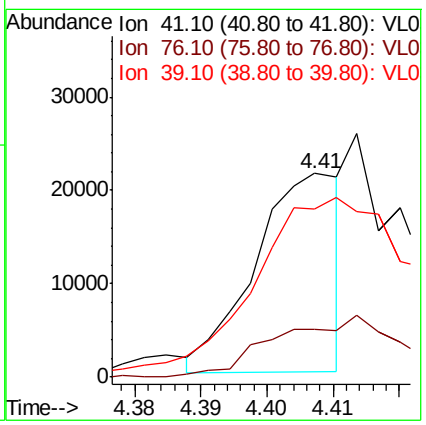


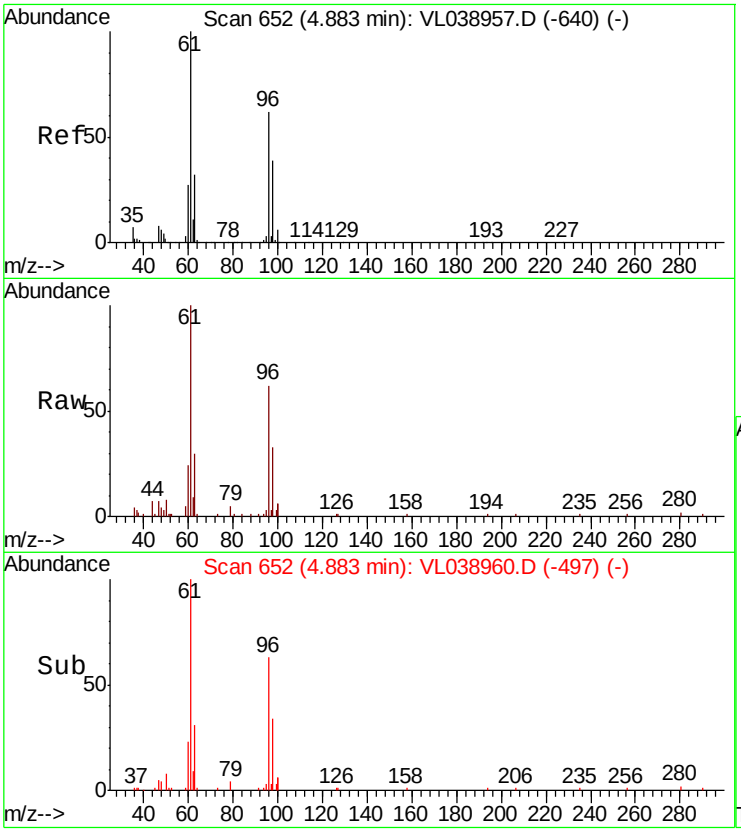


#21
Allyl Chloride
Concen: 0.187 ppbv
RT: 4.41 min Scan# 504
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 41 Resp: 19135

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.4#
39	0.0	63.8	95.8#



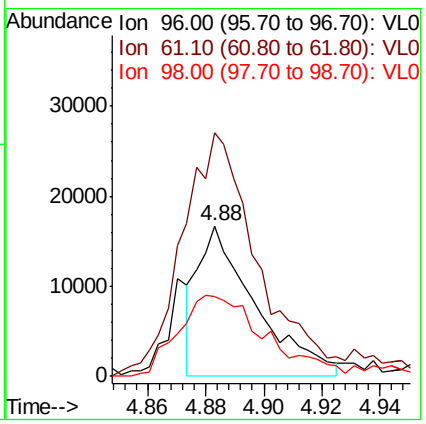


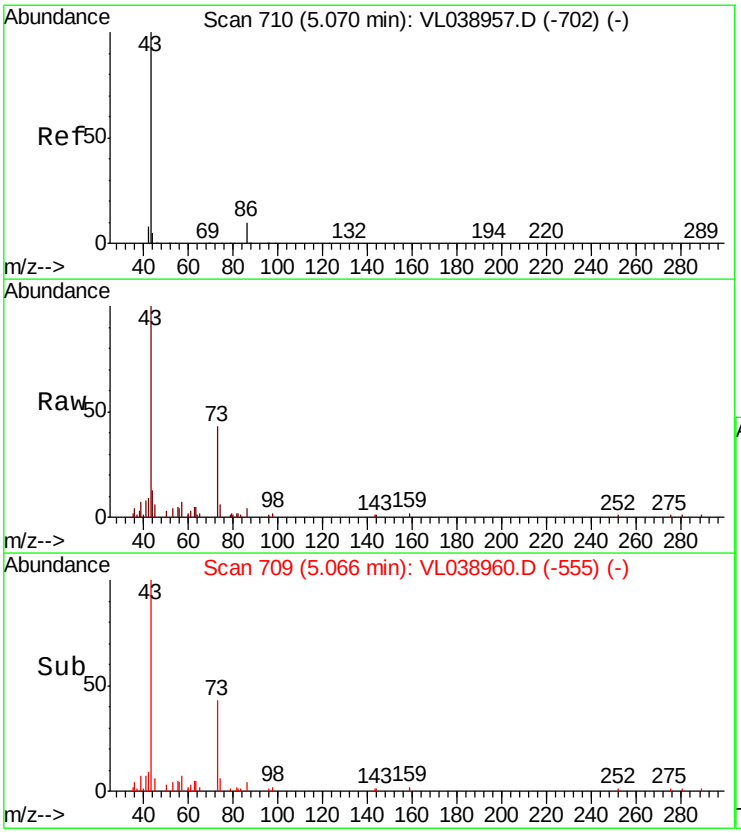
#22
trans-1,2-Dichloroethene
Concen: 0.389 ppbv
RT: 4.88
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 22946

Ion	Ratio	Lower	Upper
96	100		
61	163.3	128.2	192.2
98	50.3	50.1	75.1

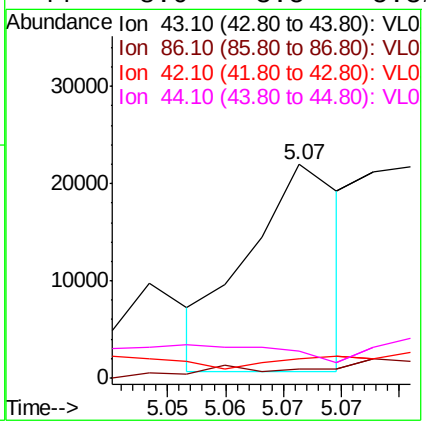


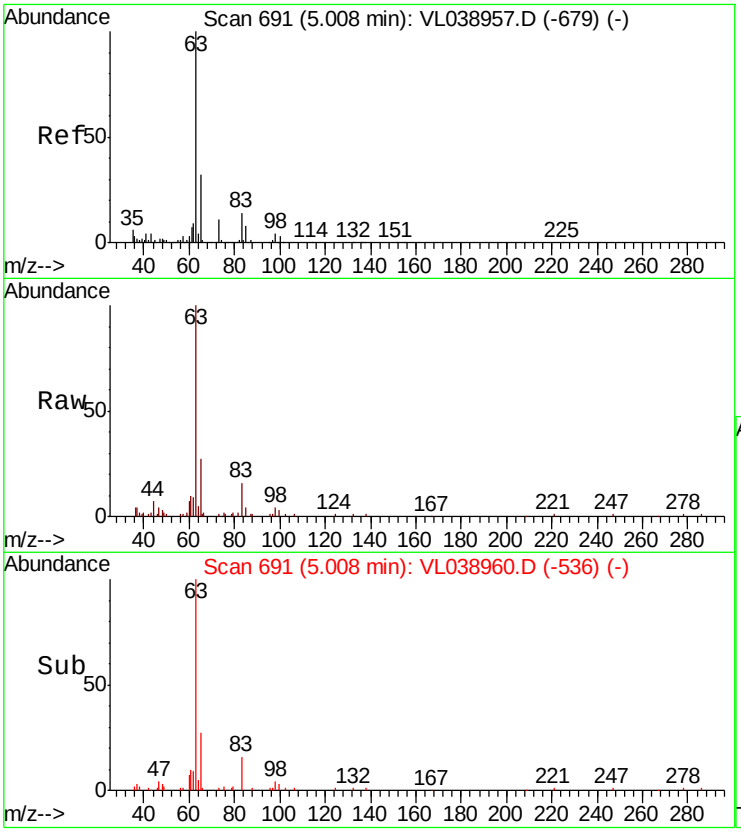


#23
Vinyl Acetate
Concen: 0.060 ppbv
RT: 5.07 min Scan# 709
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 43 Resp: 12120

Ion	Ratio	Lower	Upper
43	100		
86	3.2	6.6	9.8#
42	1.9	8.1	12.1#
44	8.0	3.5	5.3#



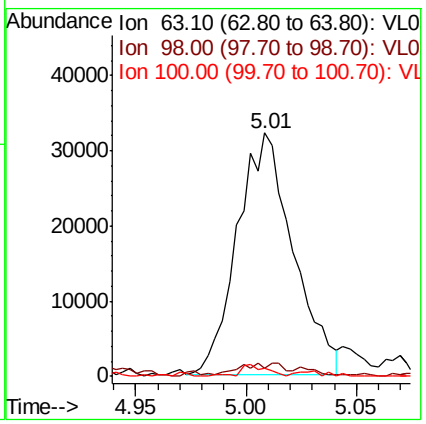


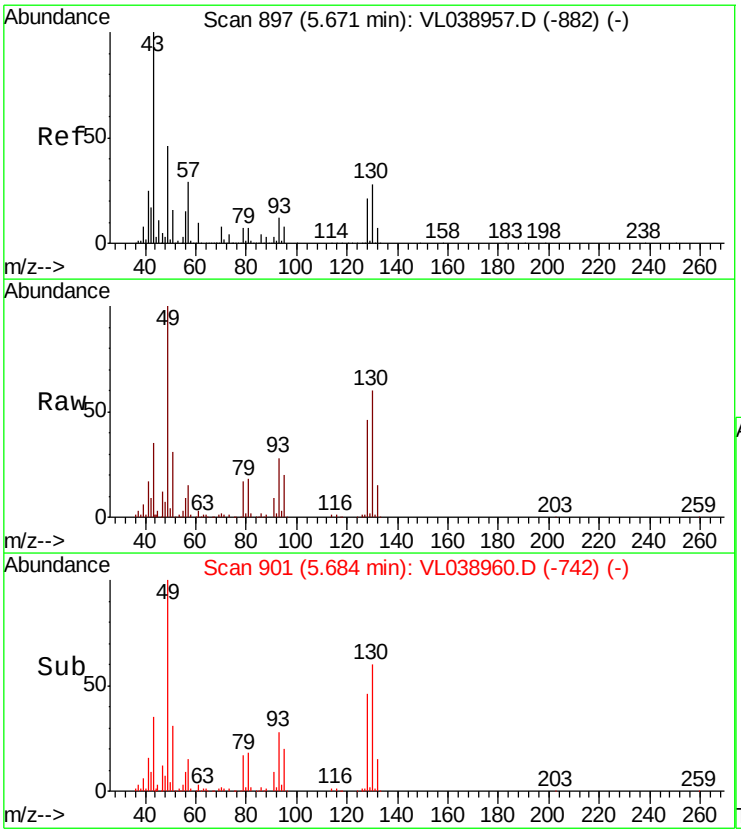
#24
1,1-Dichloroethane
Concen: 0.361 ppbv
RT: 5.01
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 56492

Ion	Ratio	Lower	Upper
63	100		
98	2.8	2.1	6.2
100	3.1	1.4	4.2

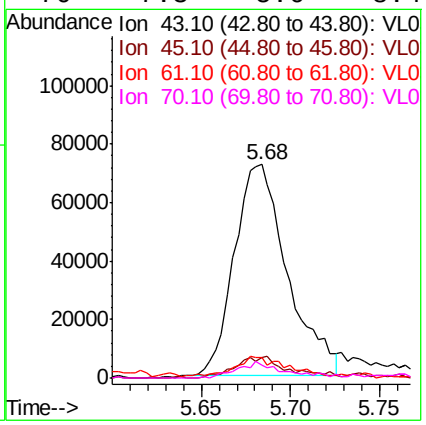


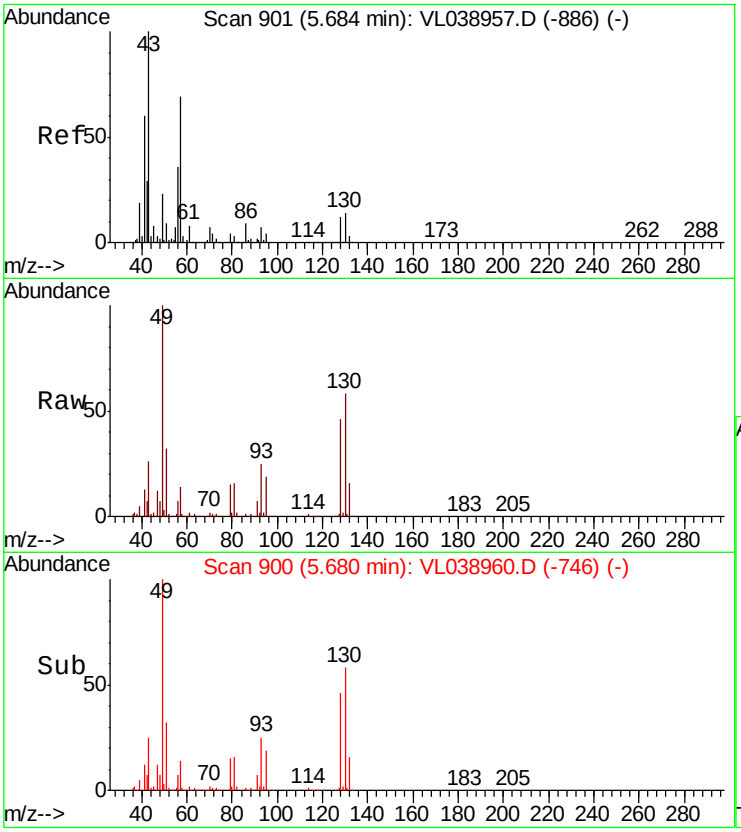


#25
Ethyl Acetate
Concen: 0.475 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 43 Resp: 150388

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.1	12.1
61	12.5	7.8	11.6#
70	7.3	5.6	8.4



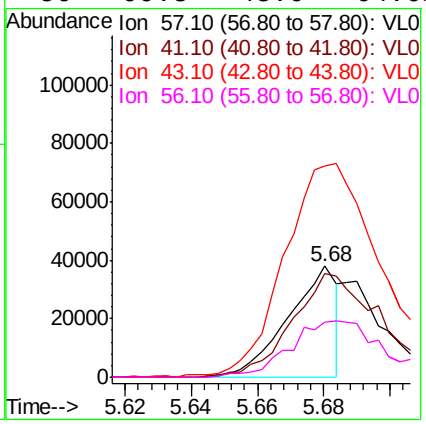


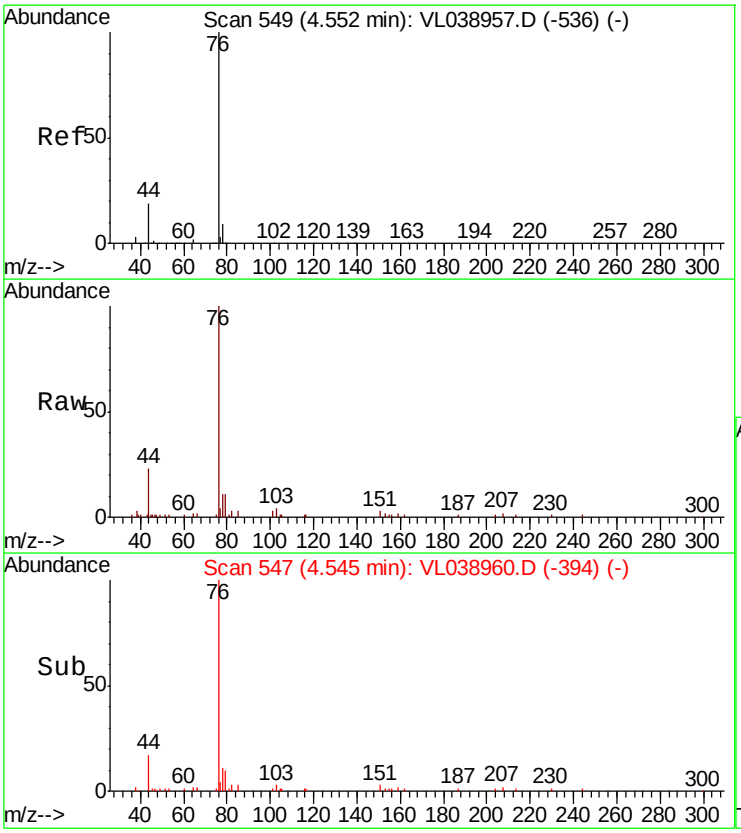
#26
Hexane
Concen: 0.271 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 57 Resp: 39128

Ion	Ratio	Lower	Upper
57	100		
41	183.0	75.2	112.8#
43	438.7	190.8	286.2#
56	99.8	43.0	64.6#

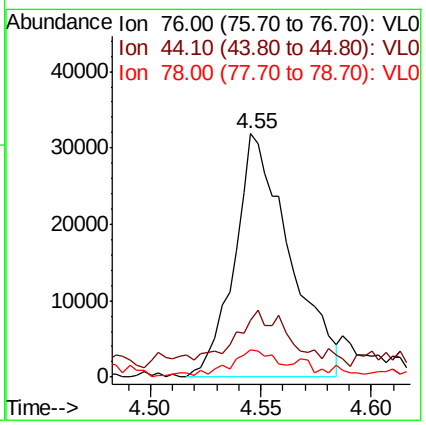


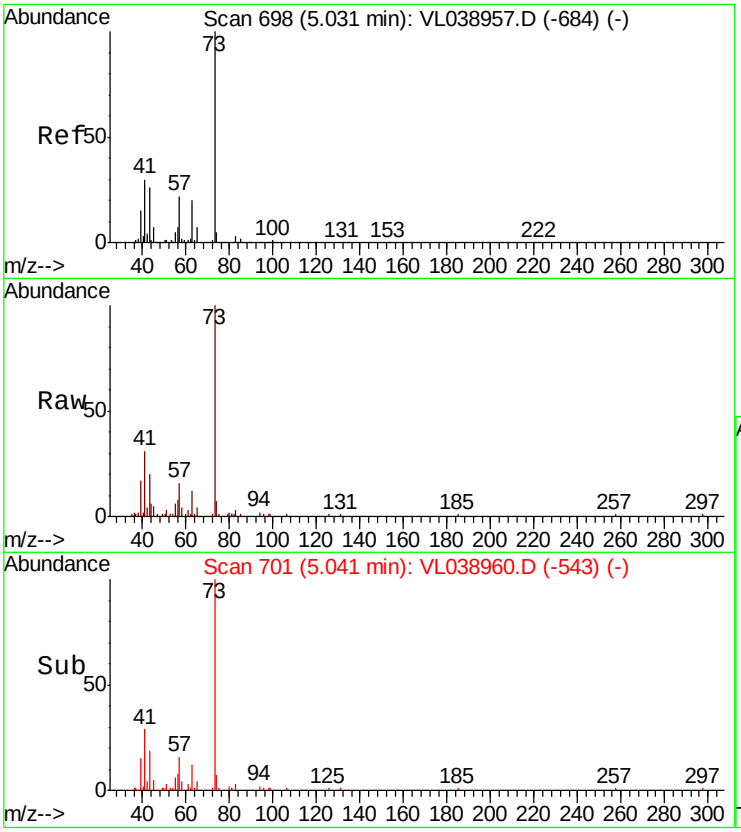


#27
Carbon Disulfide
Concen: 0.389 ppbv
RT: 4.55 min Scan# 547
Delta R.T. -0.01 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 76 Resp: 55345

Ion	Ratio	Lower	Upper
76	100		
44	29.1	15.3	22.9#
78	13.8	8.2	12.2#



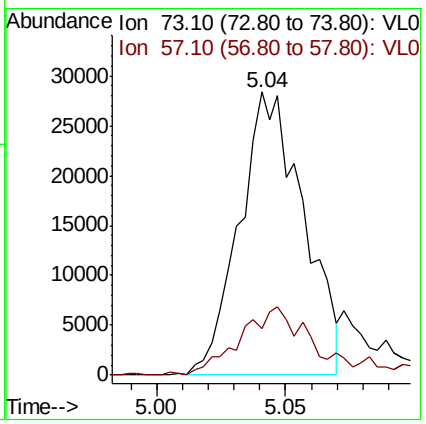


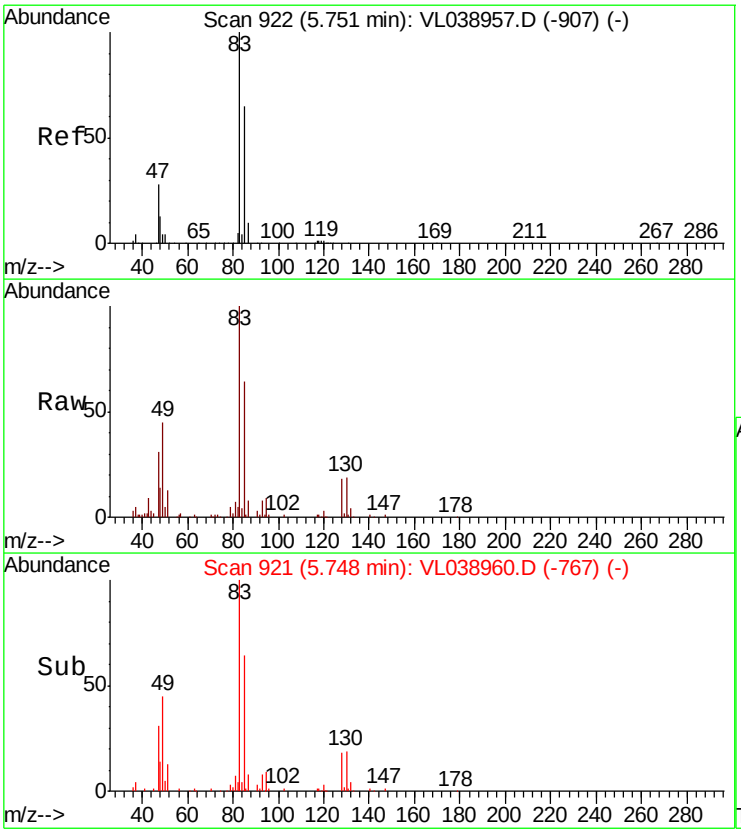
#28
Methyl tert-Butyl Ether
Concen: 0.309 ppbv
RT: 5.04
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 73 Resp: 49264

Ion	Ratio	Lower	Upper
73	100		
57	29.7	18.8	28.2#

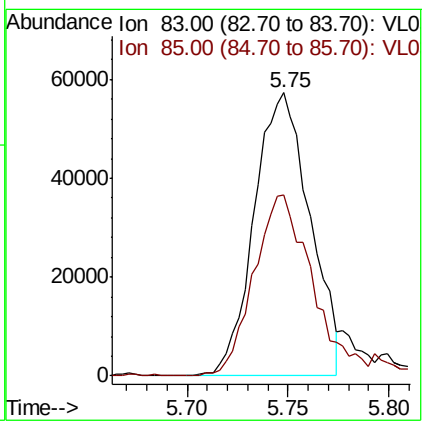


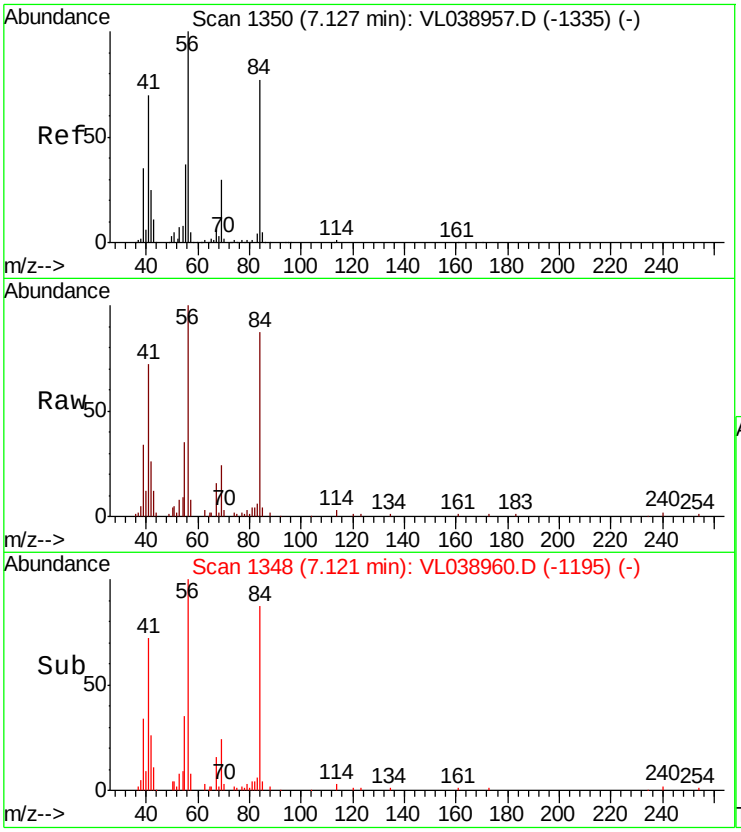


#29
Chloroform
Concen: 0.470 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 83 Resp: 110004

Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.8	77.6



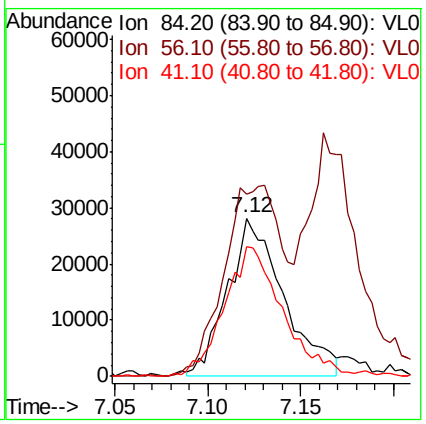


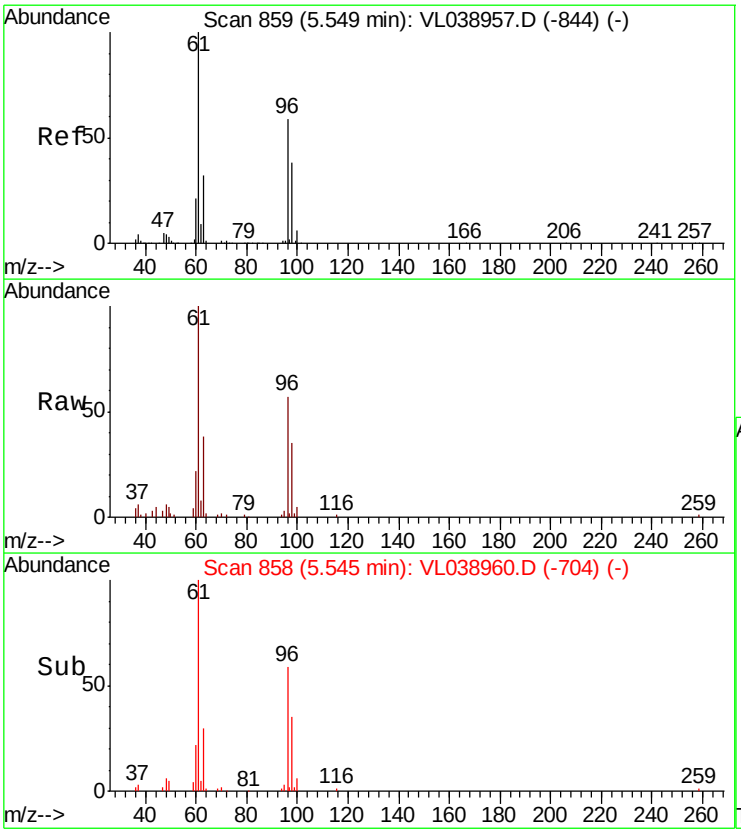
#30
Cyclohexane
Concen: 0.508 ppbv
RT: 7.12
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 84 Resp: 59356

Ion	Ratio	Lower	Upper
84	100		
56	121.8	115.3	172.9
41	86.1	72.0	108.0

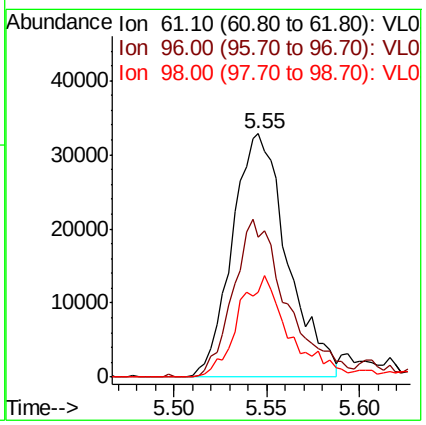


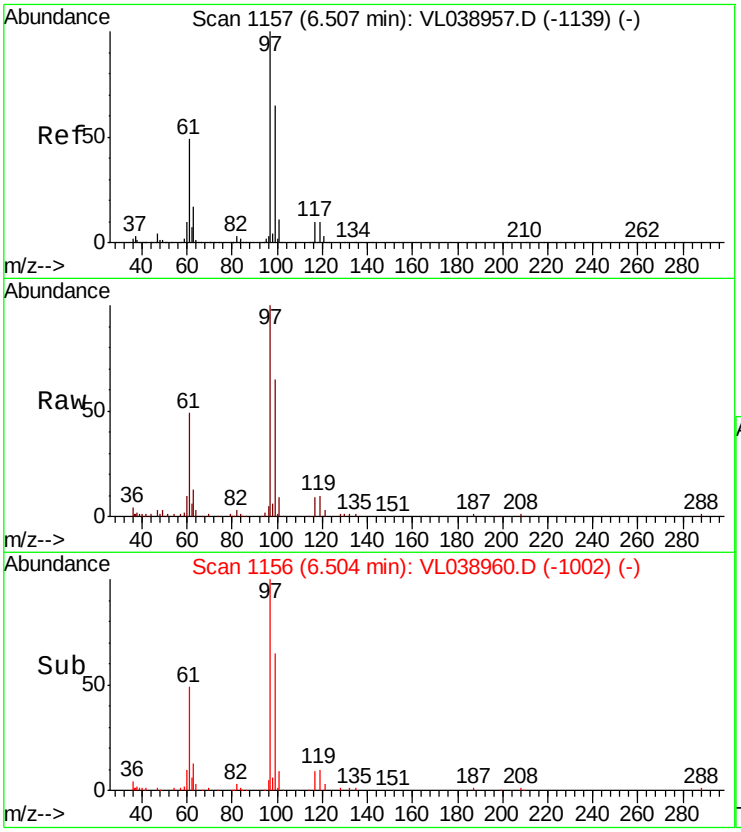


#31
cis-1,2-Dichloroethene
Concen: 0.483 ppbv
RT: 5.55 min Scan# 858
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 61 Resp: 68093

Ion	Ratio	Lower	Upper
61	100		
96	57.5	47.4	71.0
98	34.7	30.6	45.8



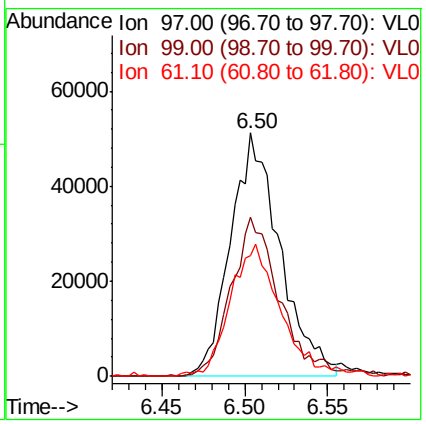


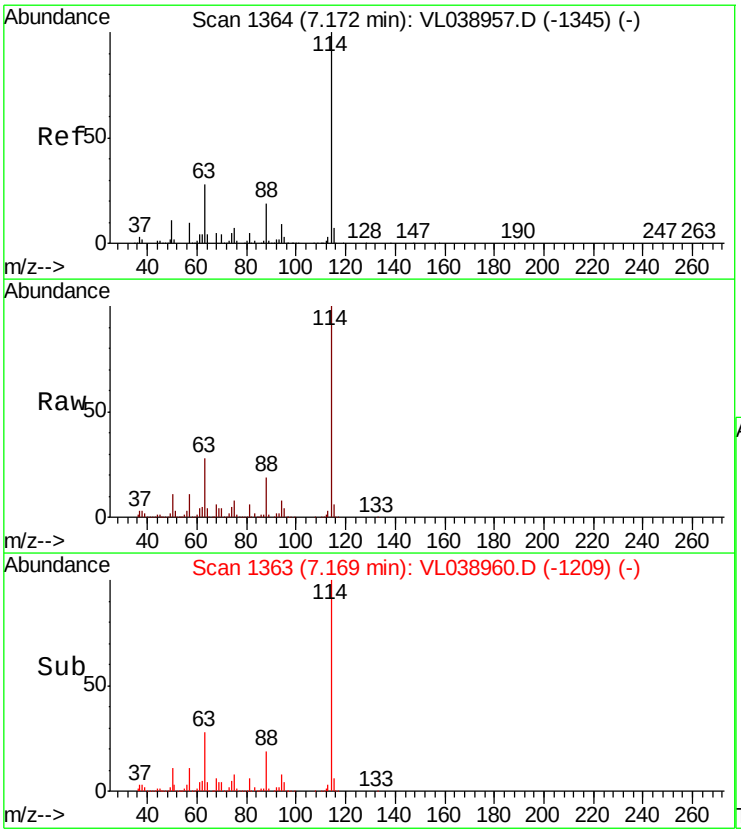
#32
1,1,1-Trichloroethane
Concen: 0.450 ppbv
RT: 6.50
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 106203

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.9	77.9
61	56.3	40.9	61.3

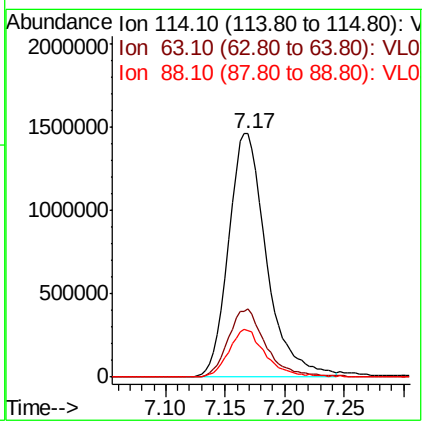


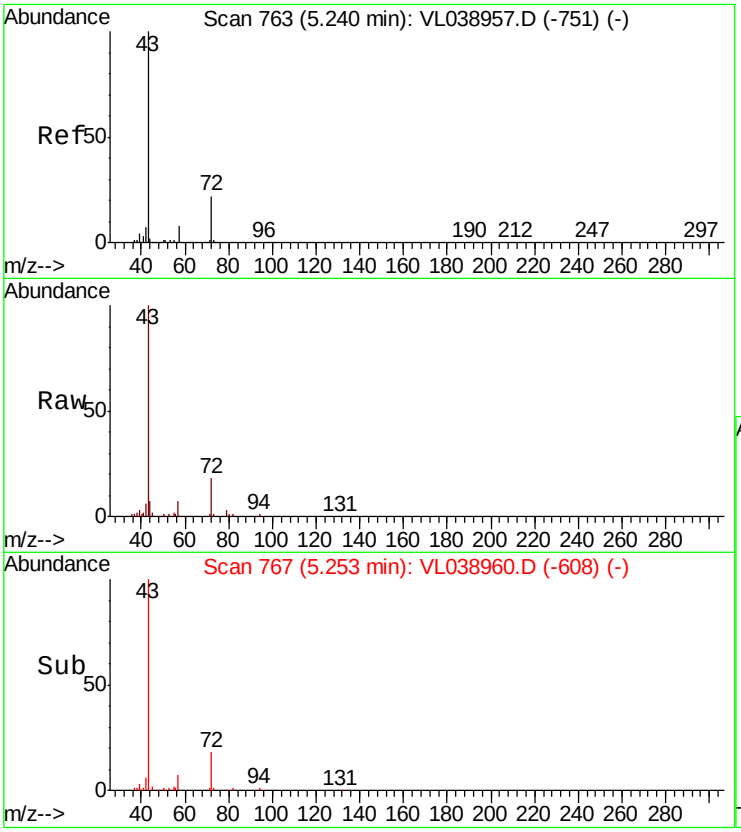


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:114 Resp: 3227645

Ion	Ratio	Lower	Upper
114	100		
63	28.2	22.6	33.8
88	19.5	15.4	23.0



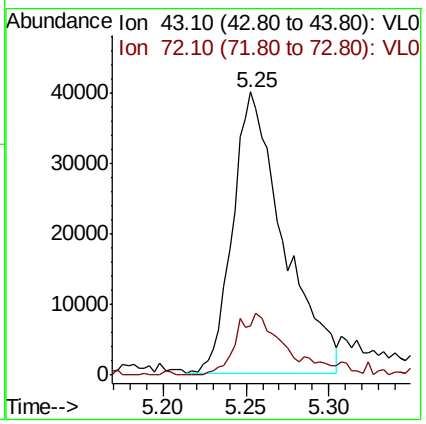


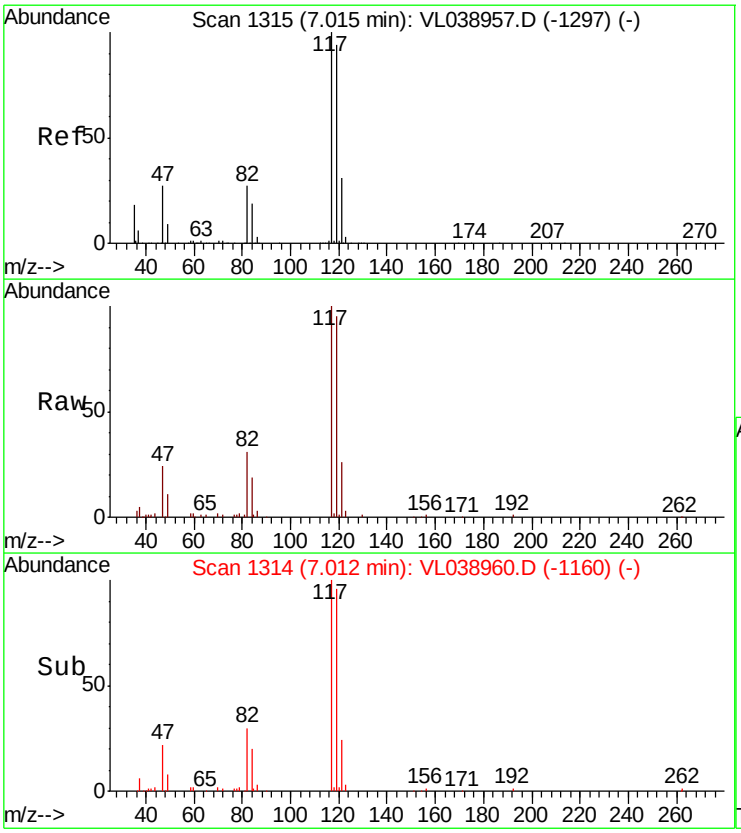
#34
2-Butanone
Concen: 0.530 ppbv
RT: 5.25
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 84994

Ion	Ratio	Lower	Upper
43	100		
72	23.0	17.8	26.6

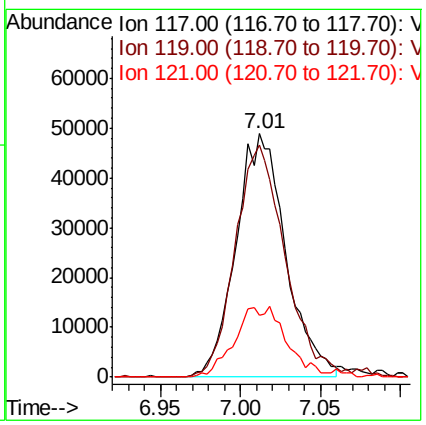


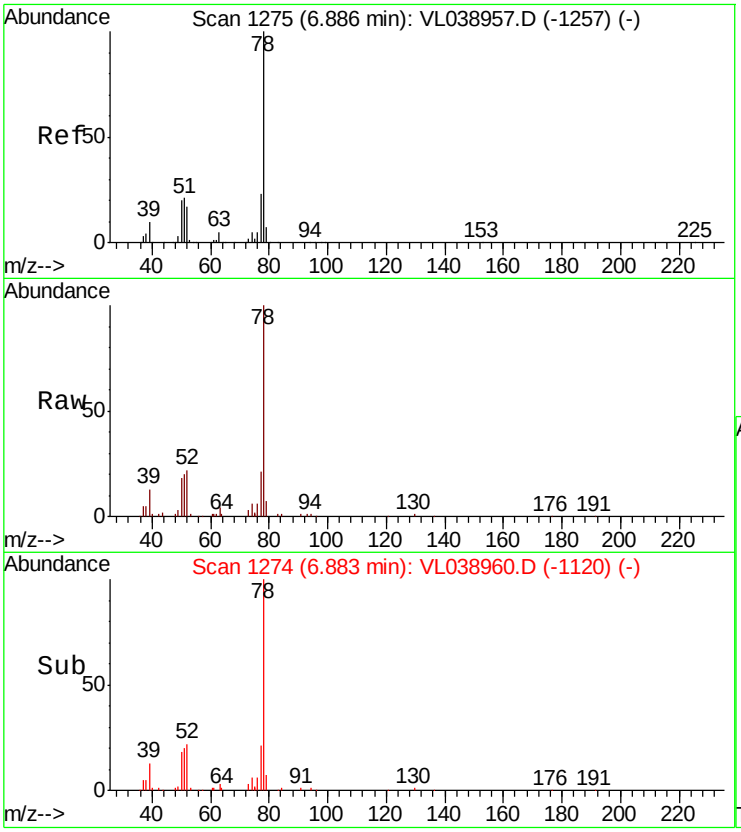


#35
Carbon Tetrachloride
Concen: 0.420 ppbv
RT: 7.01 min Scan# 1314
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:117 Resp: 104034

Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.2	112.8
121	25.6	24.6	37.0



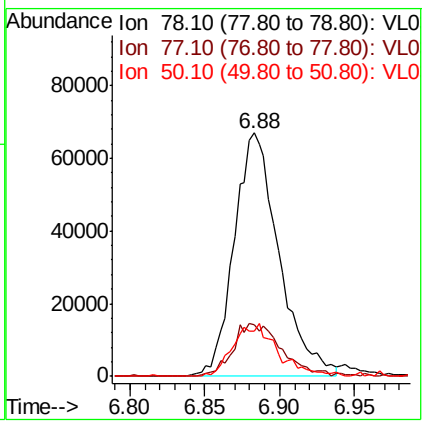


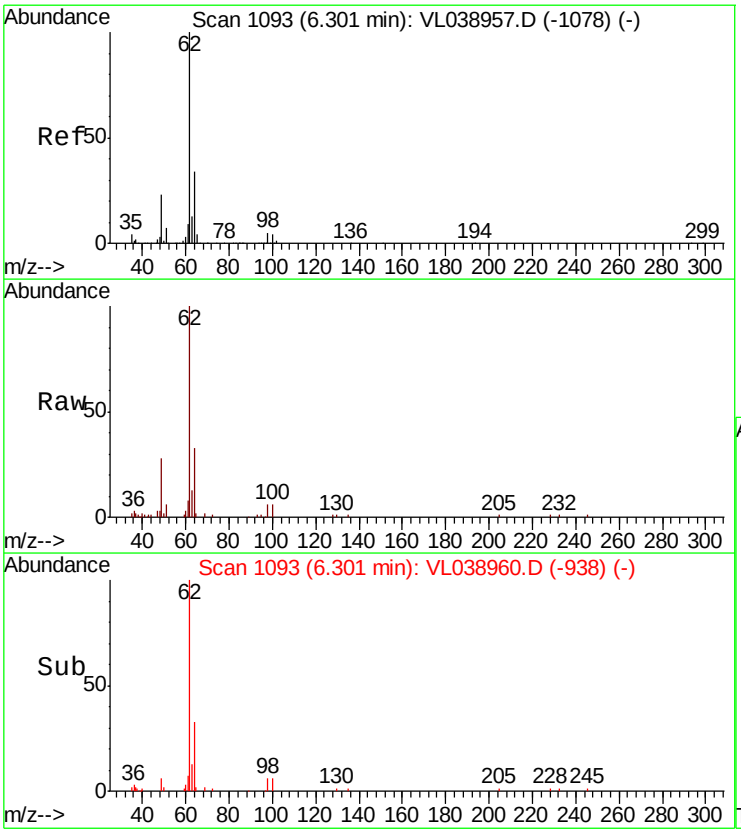
#36
Benzene
Concen: 0.474 ppbv
RT: 6.88
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 78 Resp: 139432

Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.6	28.0
50	18.4	15.6	23.4

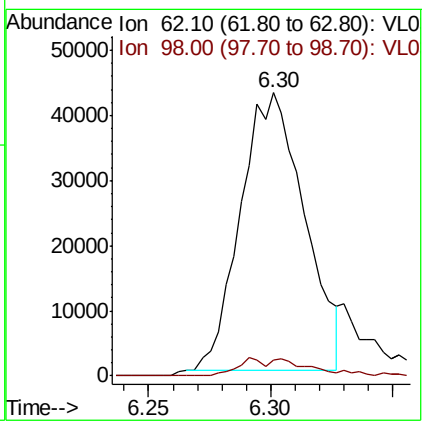


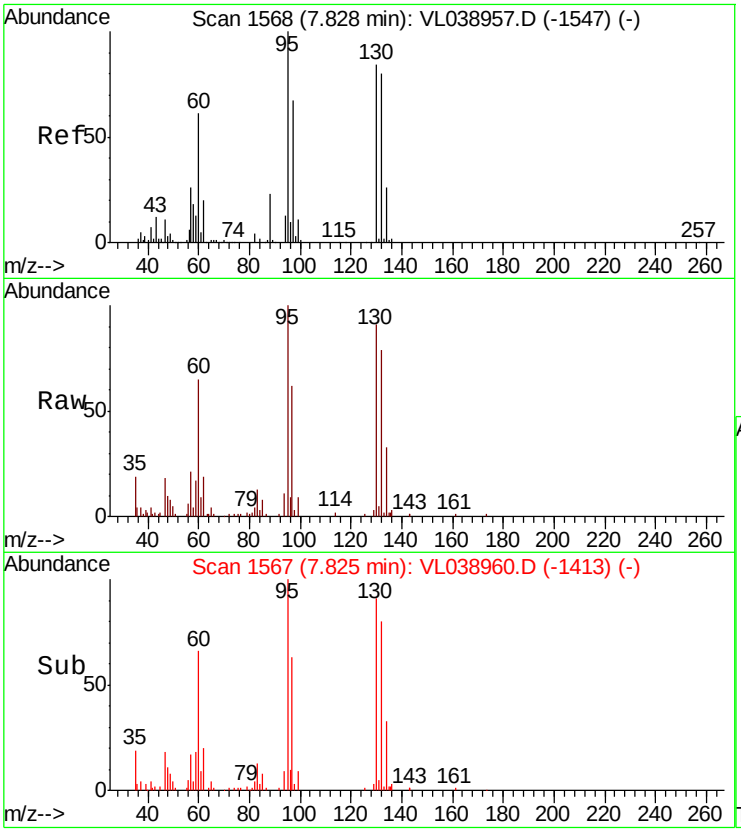


#37
1,2-Dichloroethane
Concen: 0.440 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 62 Resp: 77546

Ion	Ratio	Lower	Upper
62	100		
98	6.9	4.5	6.7#



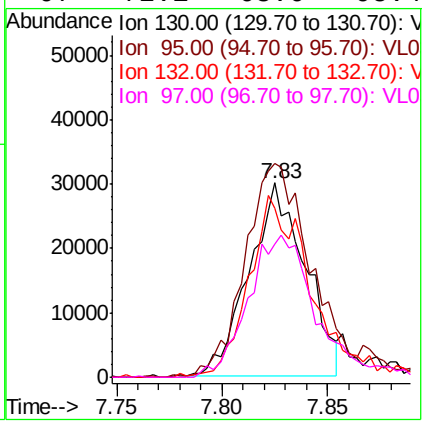


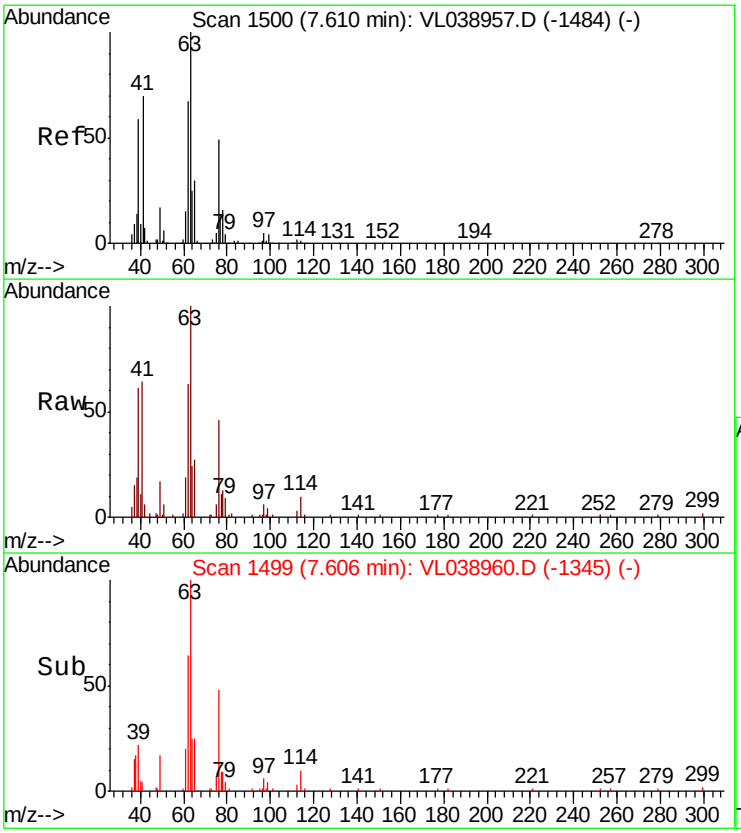
#38
Trichloroethene
Concen: 0.471 ppbv
RT: 7.83
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:130 Resp: 55505

Ion	Ratio	Lower	Upper
130	100		
95	115.0	94.8	142.2
132	90.9	75.8	113.8
97	72.1	63.6	95.4

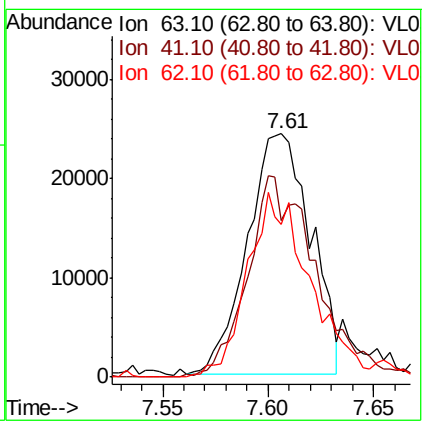


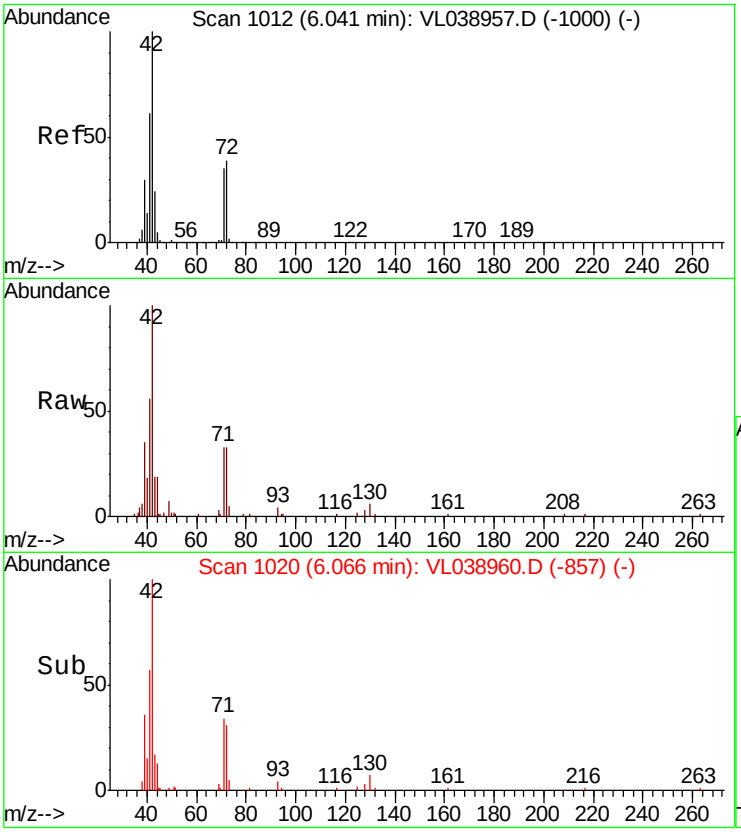


#39
1,2-Dichloropropane
Concen: 0.424 ppbv
RT: 7.61 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 63 Resp: 50556

Ion	Ratio	Lower	Upper
63	100		
41	63.9	55.9	83.9
62	63.8	53.8	80.6



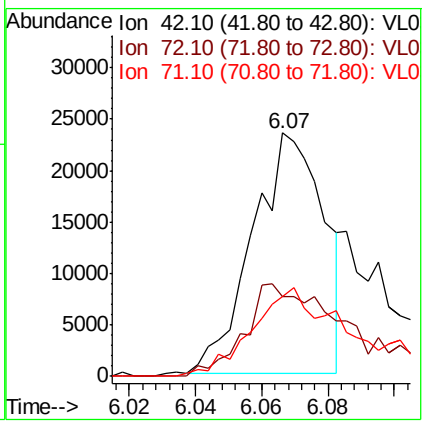


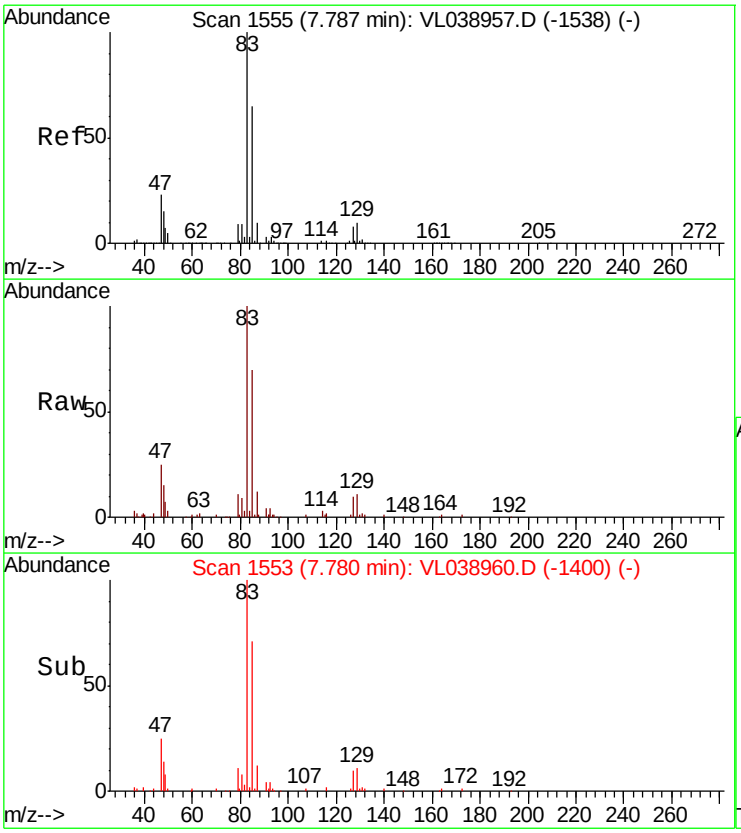
#41
Tetrahydrofuran
Concen: 0.437 ppbv
RT: 6.07
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 34783

Ion	Ratio	Lower	Upper
42	100		
72	61.2	31.8	47.6#
71	60.0	30.6	45.8#

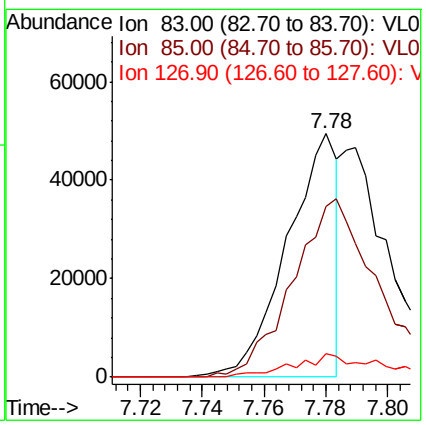


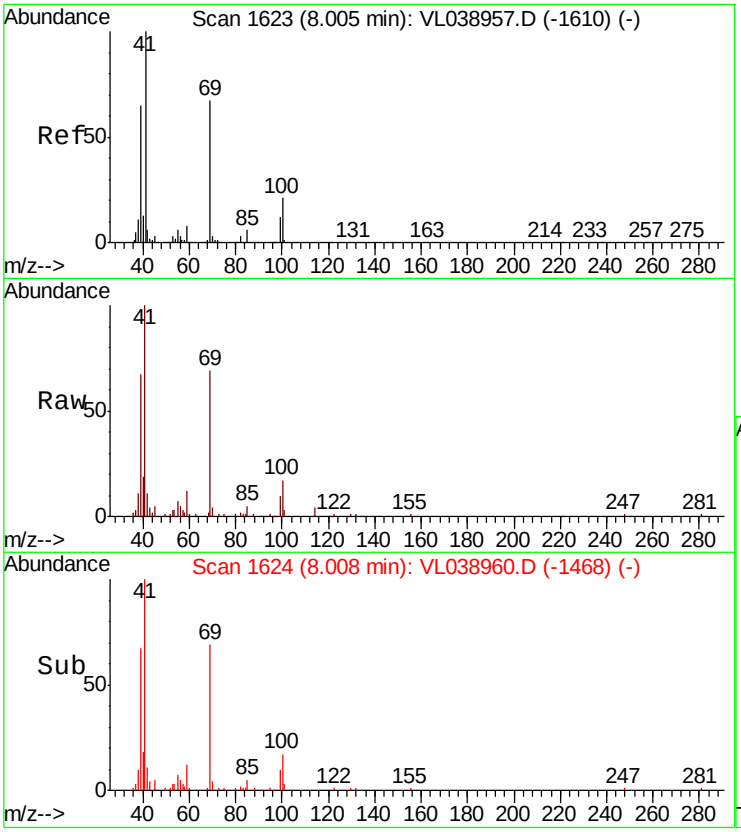


#42
Bromodichloromethane
Concen: 0.232 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 83 Resp: 55492

Ion	Ratio	Lower	Upper
83	100		
85	70.1	52.0	78.0
127	9.5	6.0	9.0#



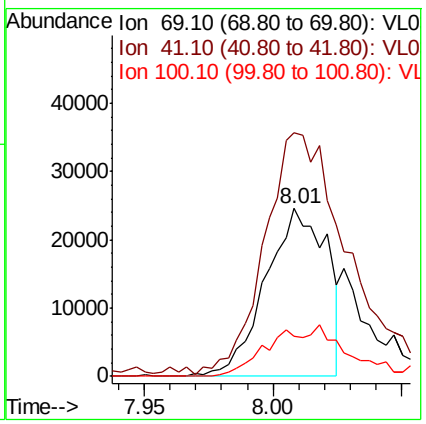


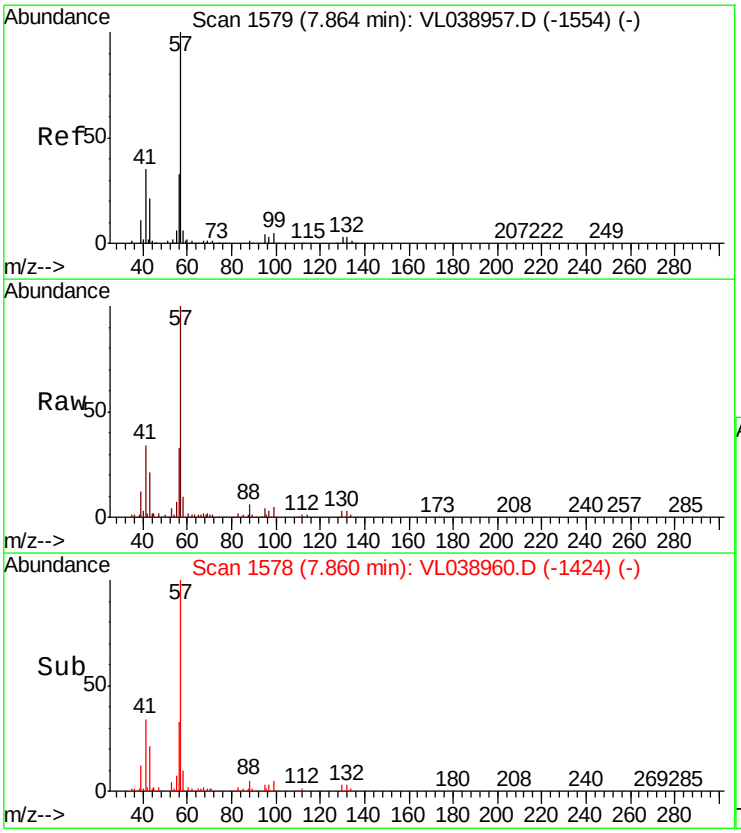
#43
Methyl Methacrylate
Concen: 0.401 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 40700

Ion	Ratio	Lower	Upper
69	100		
41	207.7	121.9	182.9#
100	0.0	24.6	36.8#

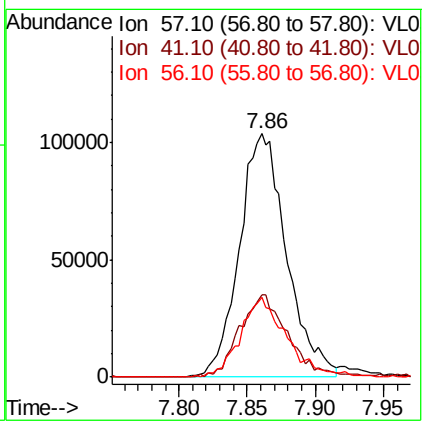


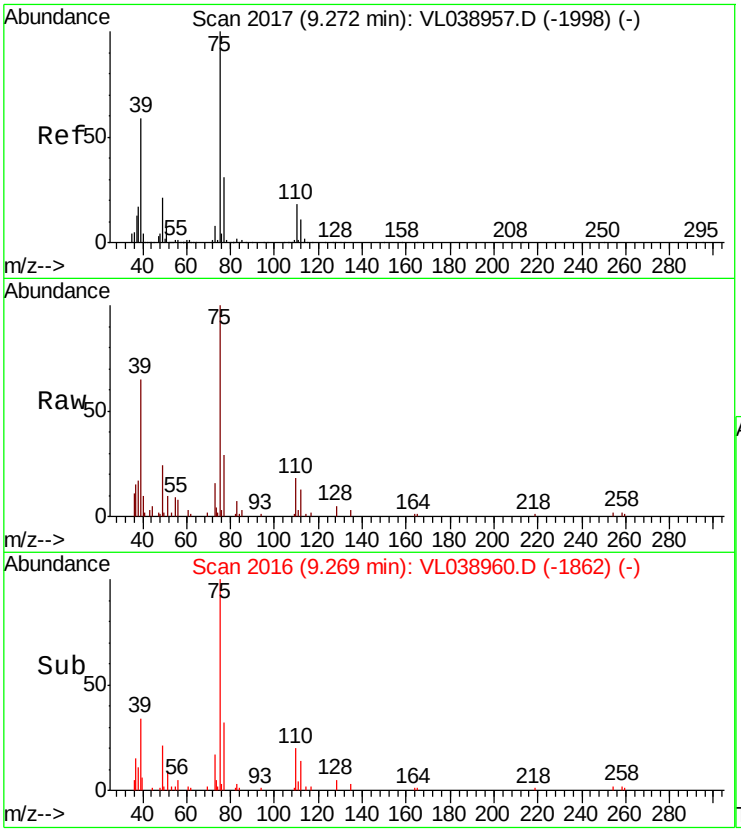


#44
2,2,4-Trimethylpentane
Concen: 0.479 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 57 Resp: 249281

Ion	Ratio	Lower	Upper
57	100		
41	35.0	26.3	39.5
56	32.3	24.6	37.0



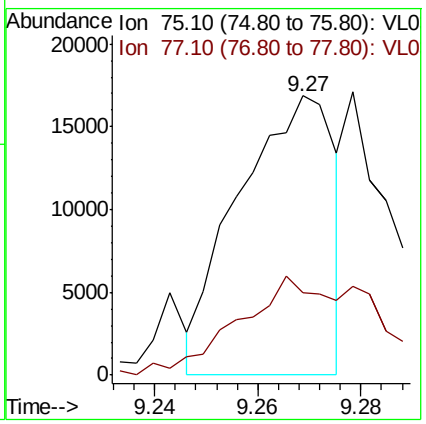


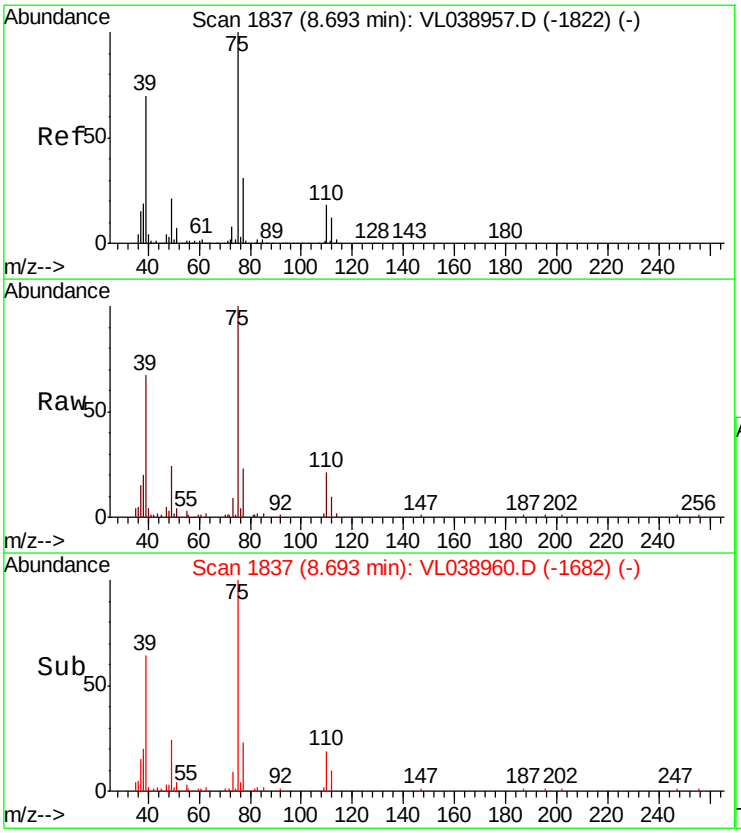
#45
t-1,3-Dichloropropene
Concen: 0.189 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 21718

Ion	Ratio	Lower	Upper
75	100		
77	29.4	24.6	37.0

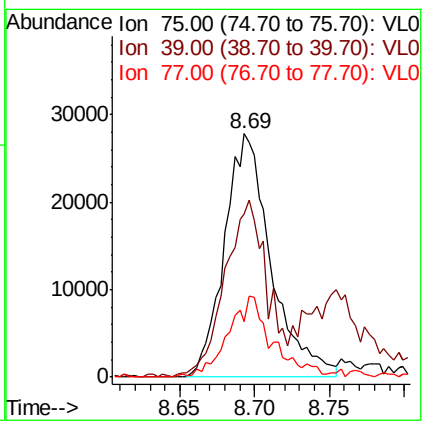


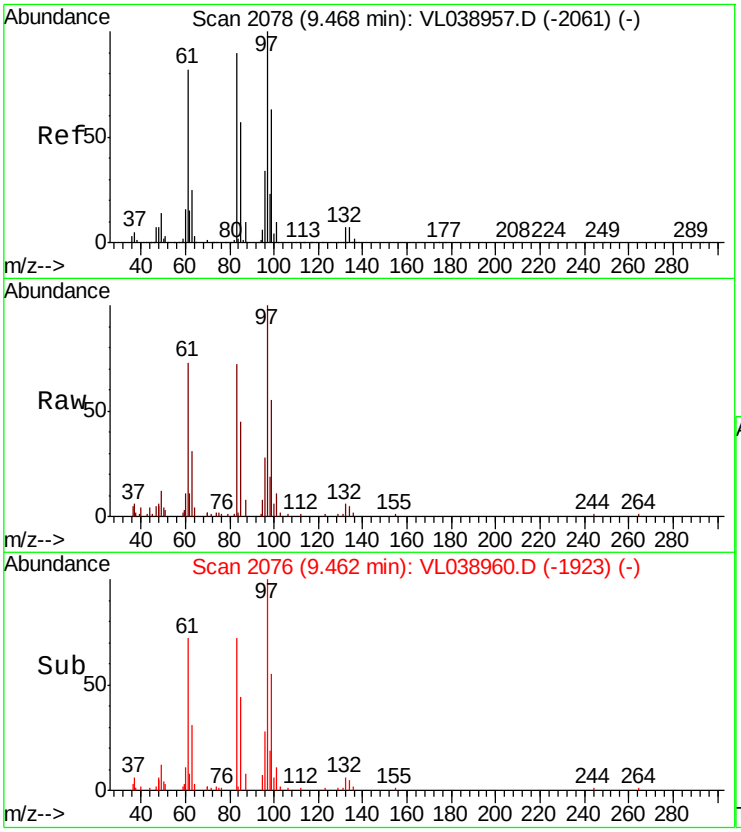


#46
cis-1,3-Dichloropropene
Concen: 0.412 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 75 Resp: 60292

Ion	Ratio	Lower	Upper
75	100		
39	65.3	55.8	83.6
77	22.1	24.8	37.2#



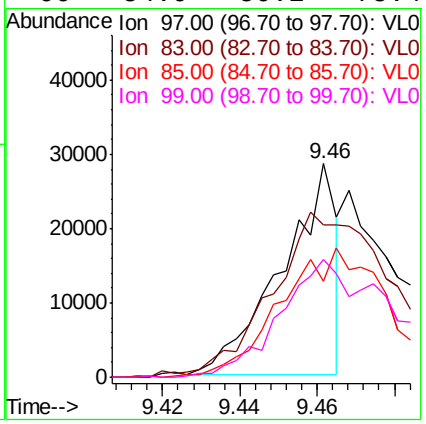


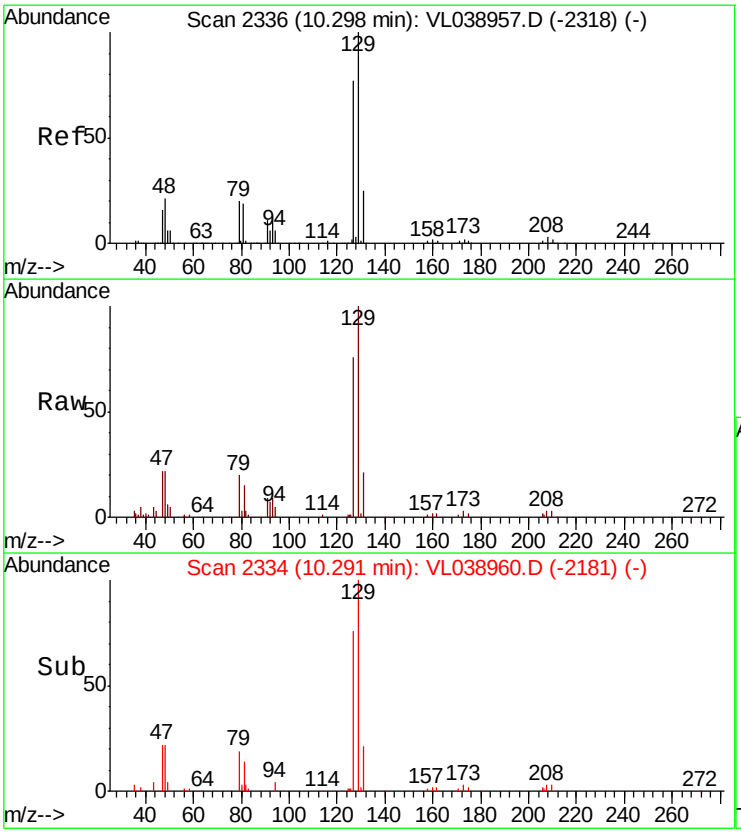
#47
1,1,2-Trichloroethane
Concen: 0.232 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 28106

Ion	Ratio	Lower	Upper
97	100		
83	70.1	72.0	108.0#
85	44.0	45.7	68.5#
99	54.9	50.2	75.4

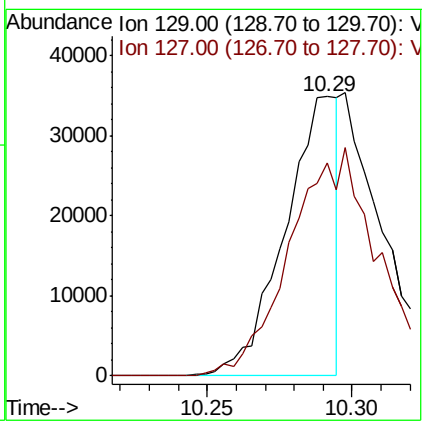


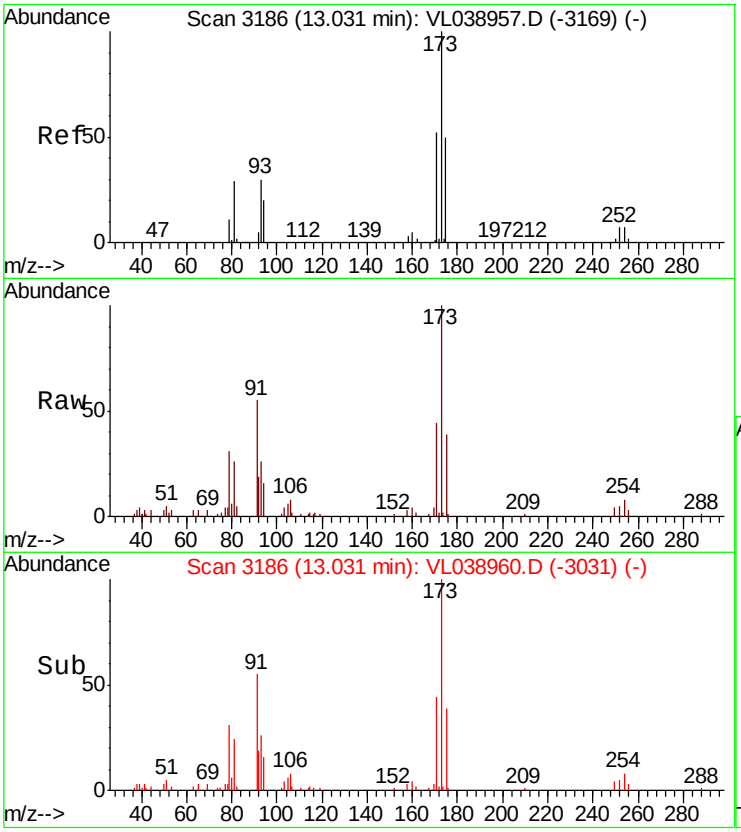


#48
Dibromochloromethane
Concen: 0.237 ppbv
RT: 10.29 min Scan# 2334
Delta R.T. -0.01 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:129 Resp: 44311

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.3	117.9#



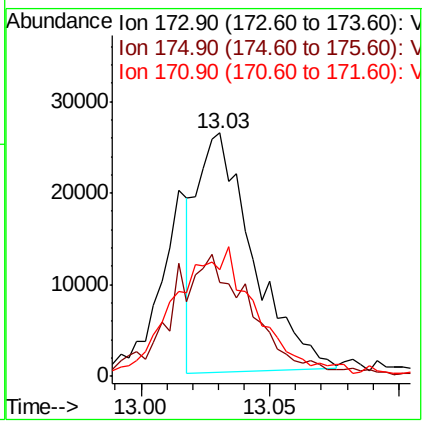


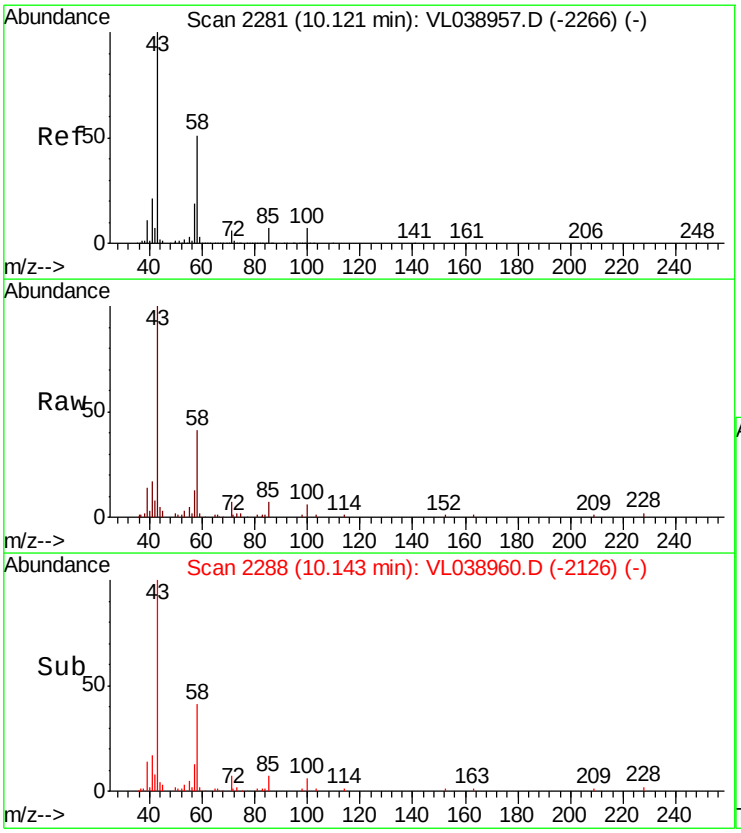
#49
Bromoform
Concen: 0.264 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:173 Resp: 39452

Ion	Ratio	Lower	Upper
173	100		
175	76.6	41.0	61.6#
171	82.1	42.6	64.0#

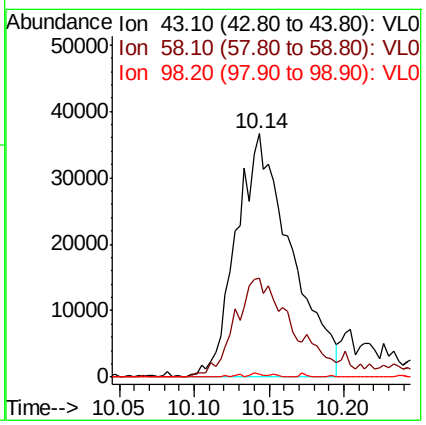


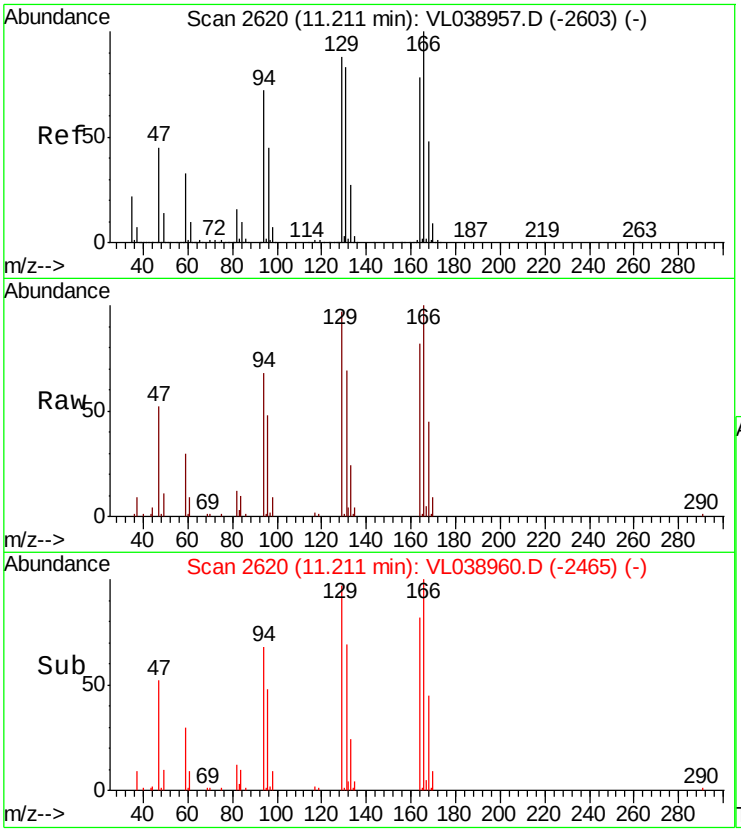


#51
2-Hexanone
Concen: 0.689 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. 0.02 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 43 Resp: 93392

Ion	Ratio	Lower	Upper
43	100		
58	45.1	39.3	58.9
98	1.0	0.2	0.2#



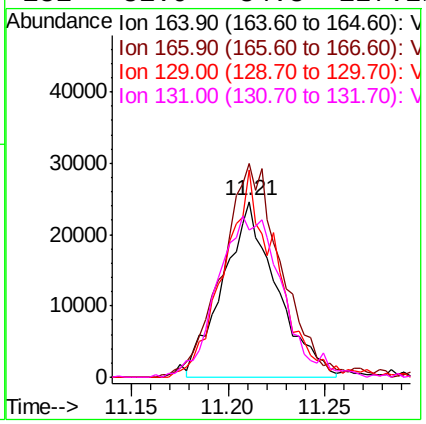


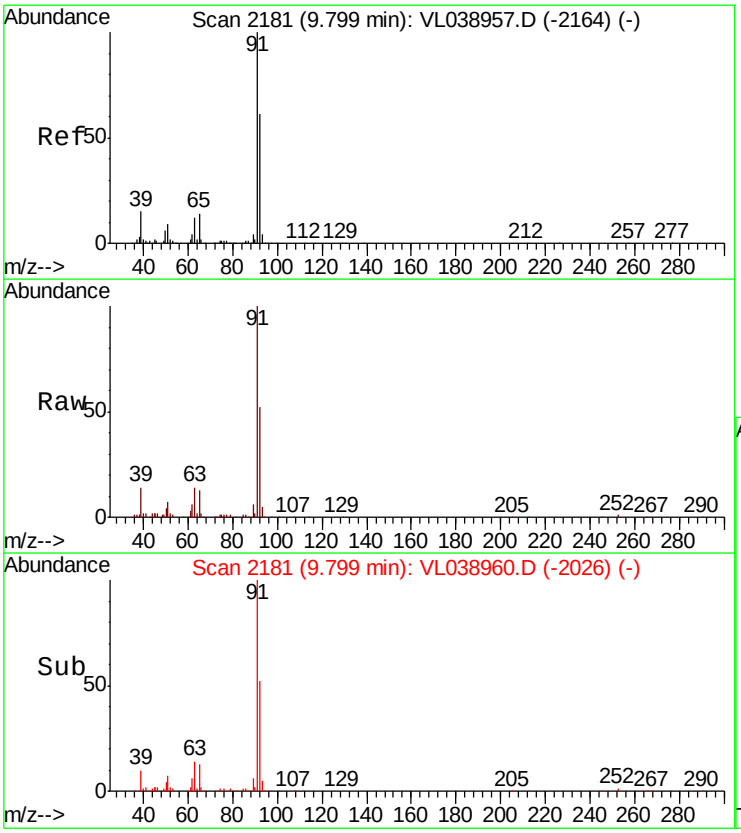
#52
Tetrachloroethene
Concen: 0.436 ppbv
RT: 11.21
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:164 Resp: 47448

Ion	Ratio	Lower	Upper
164	100		
166	120.2	102.5	153.7
129	114.8	90.1	135.1
131	81.9	84.8	127.2#

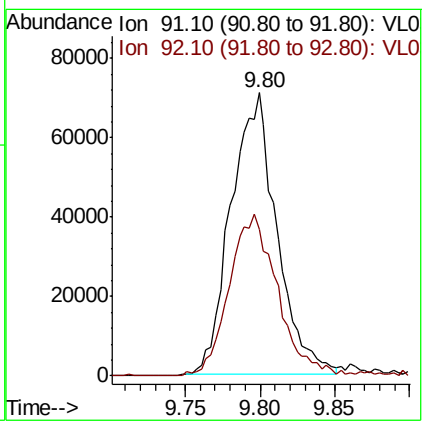


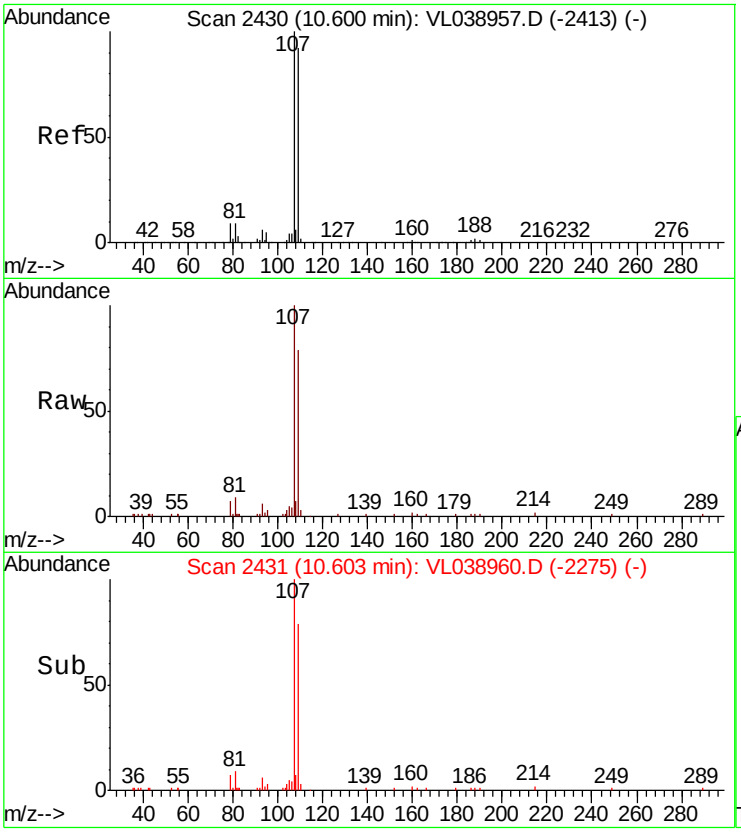


#53
Toluene
Concen: 0.482 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 91 Resp: 151586

Ion	Ratio	Lower	Upper
91	100		
92	61.2	48.2	72.2



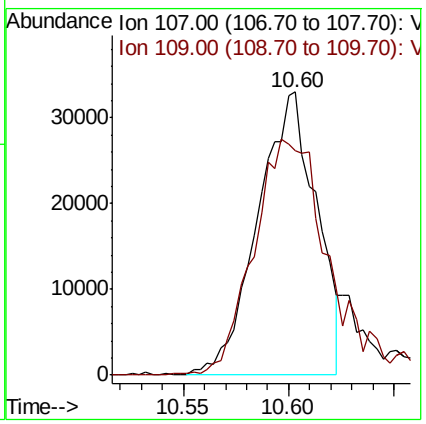


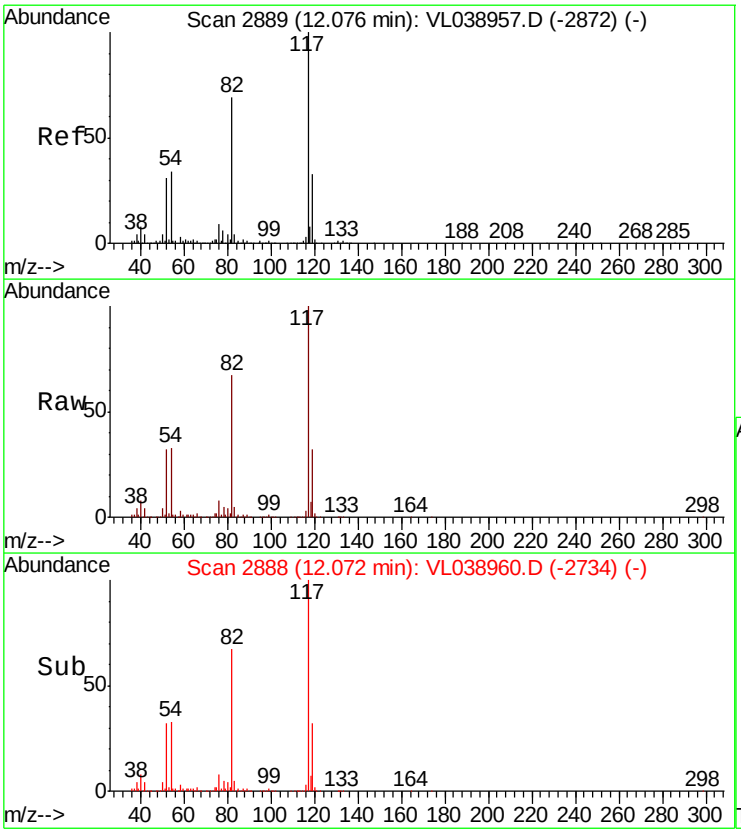
#54
1,2-Dibromoethane
Concen: 0.373 ppbv
RT: 10.60
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:107 Resp: 63840

Ion	Ratio	Lower	Upper
107	100		
109	79.0	73.8	110.8

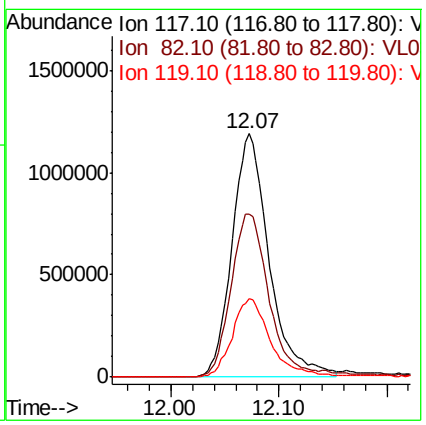


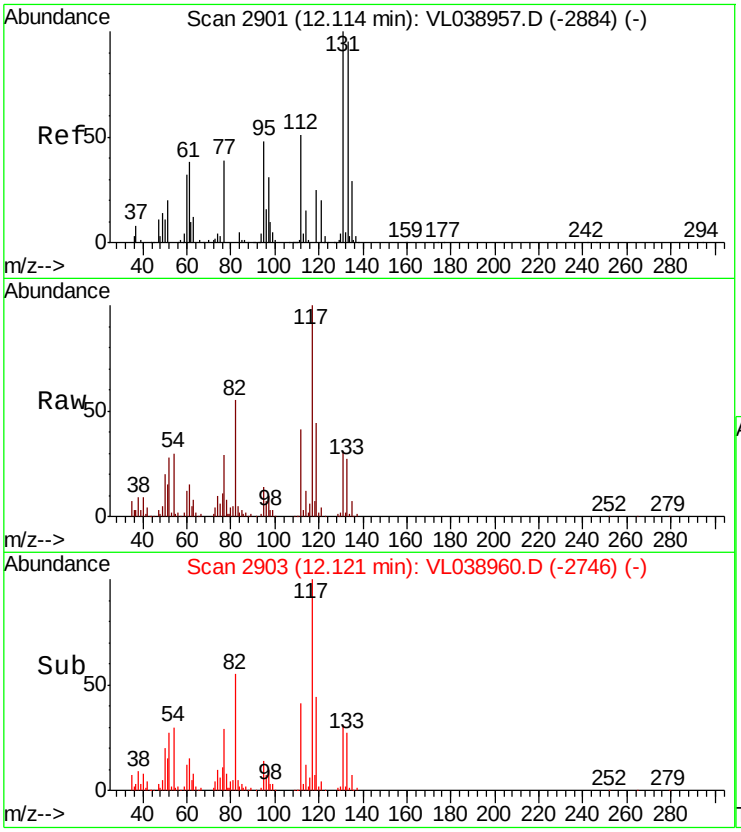


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:117 Resp: 2852397

Ion	Ratio	Lower	Upper
117	100		
82	72.7	57.0	85.6
119	34.6	27.2	40.8



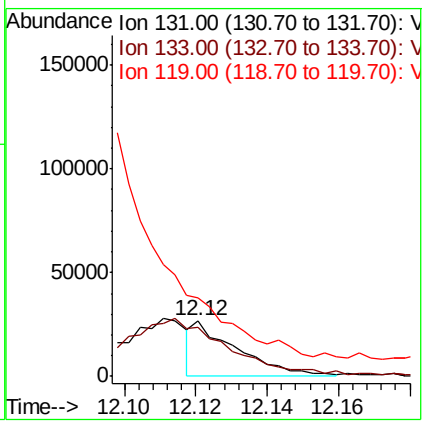


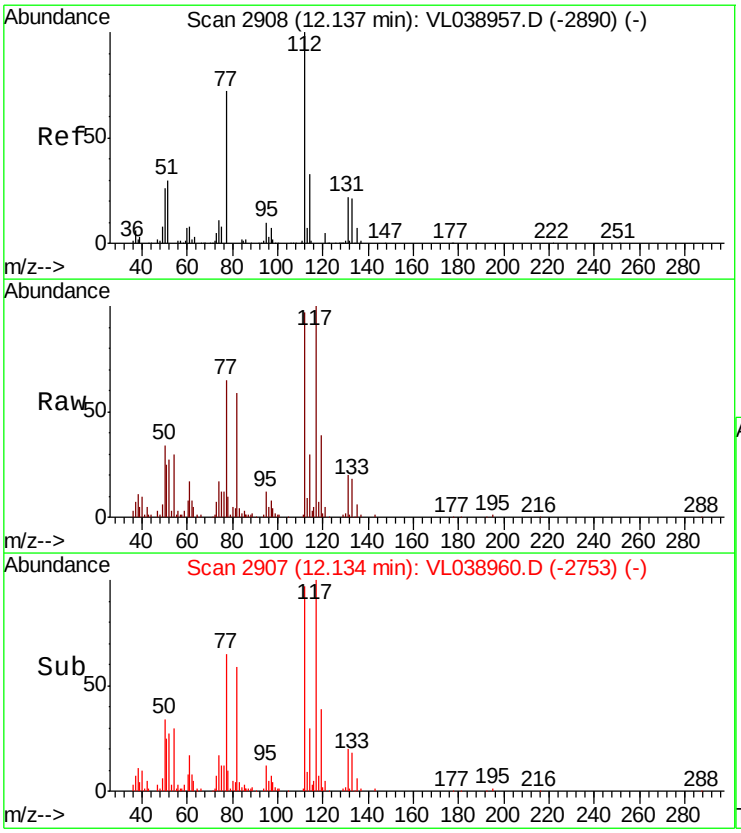
#56
1,1,1,2-Tetrachloroethane
Concen: 0.176 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:131 Resp: 22670

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.9	115.3#
119	0.0	47.4	71.0#

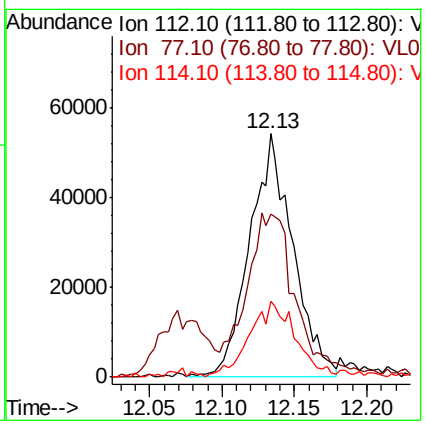


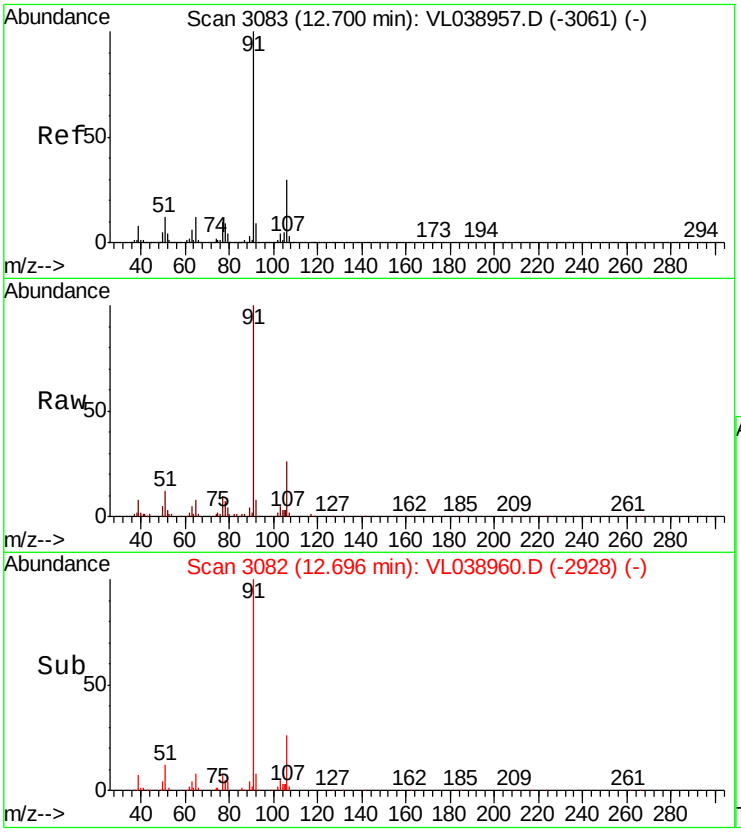


#57
Chlorobenzene
Concen: 0.466 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:112 Resp: 111093

Ion	Ratio	Lower	Upper
112	100		
77	60.9	57.7	86.5
114	31.2	30.1	36.7



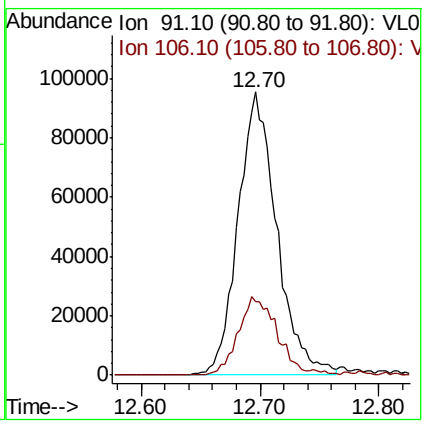


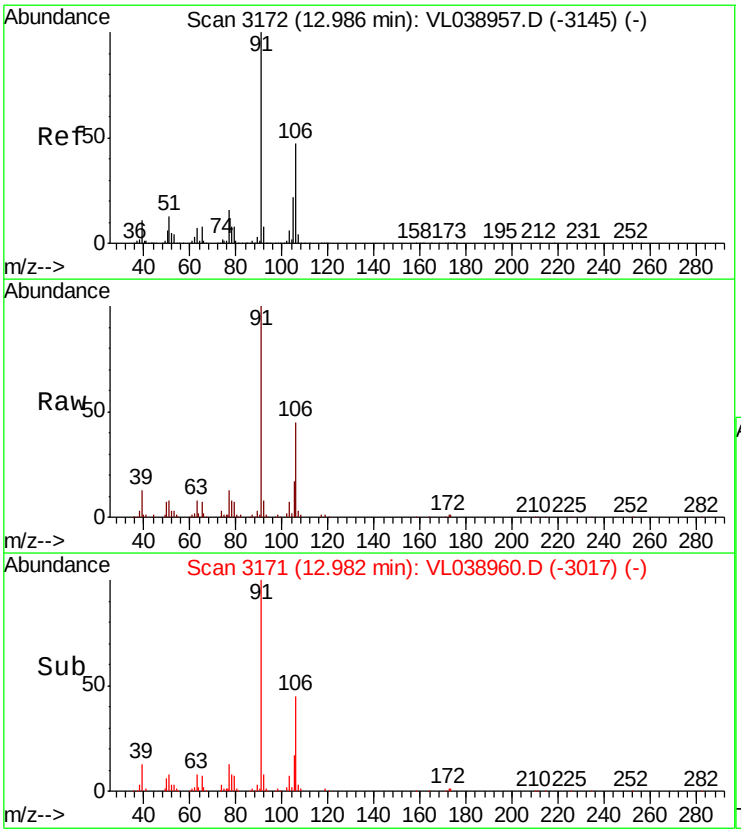
#58
Ethyl Benzene
Concen: 0.523 ppbv
RT: 12.70
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 214489

Ion	Ratio	Lower	Upper
91	100		
106	26.0	24.2	36.4

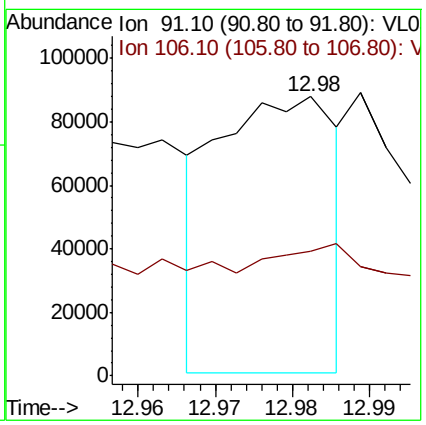


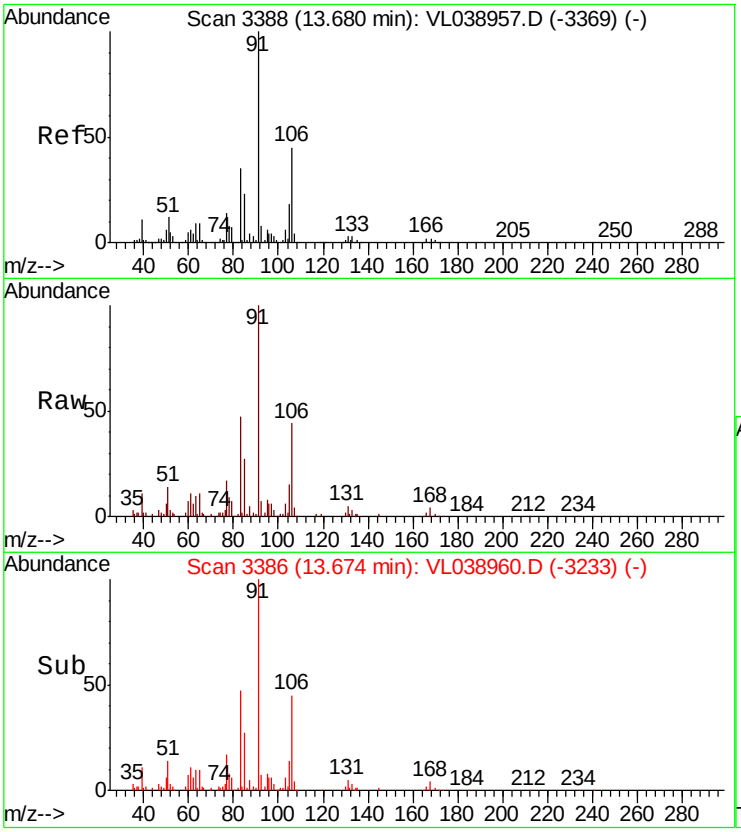


#59
m/p-Xylene
Concen: 0.258 ppbv
RT: 12.98 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 91 Resp: 92649

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.6	52.0#



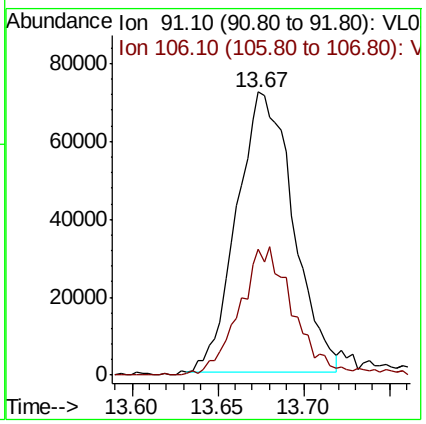


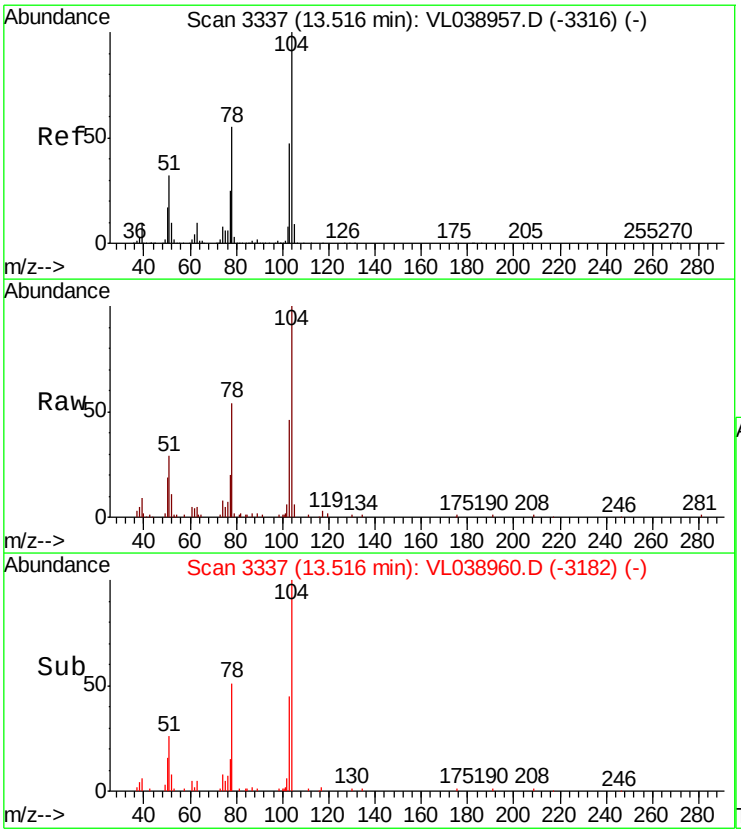
#60
o-Xylene
Concen: 0.474 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 164057

Ion	Ratio	Lower	Upper
91	100		
106	45.3	22.2	66.6

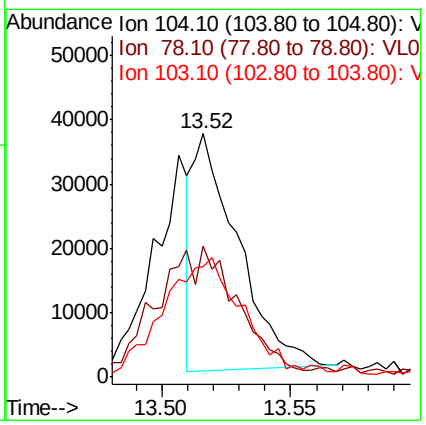


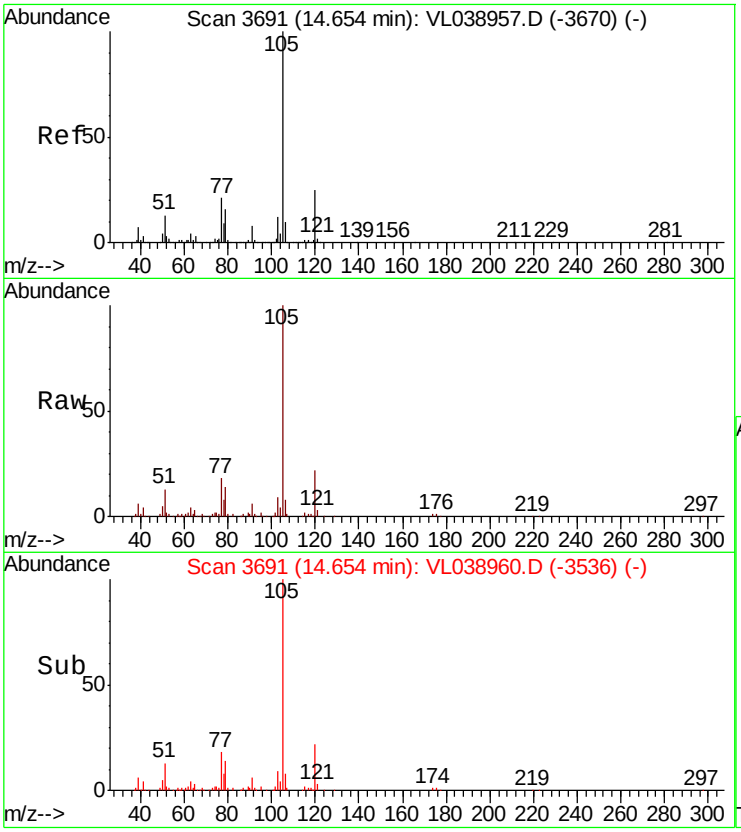


#61
Styrene
Concen: 0.258 ppbv
RT: 13.52 min Scan# 3337
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:104 Resp: 44468

Ion	Ratio	Lower	Upper
104	100		
78	107.3	46.4	69.6#
103	97.9	39.3	58.9#



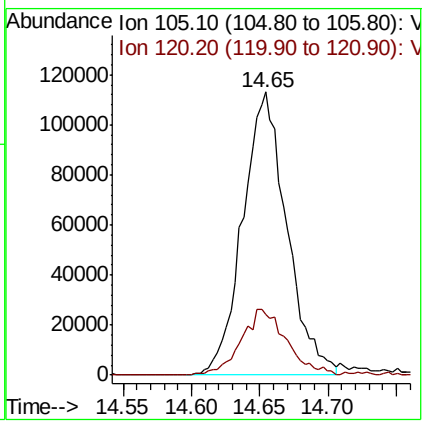


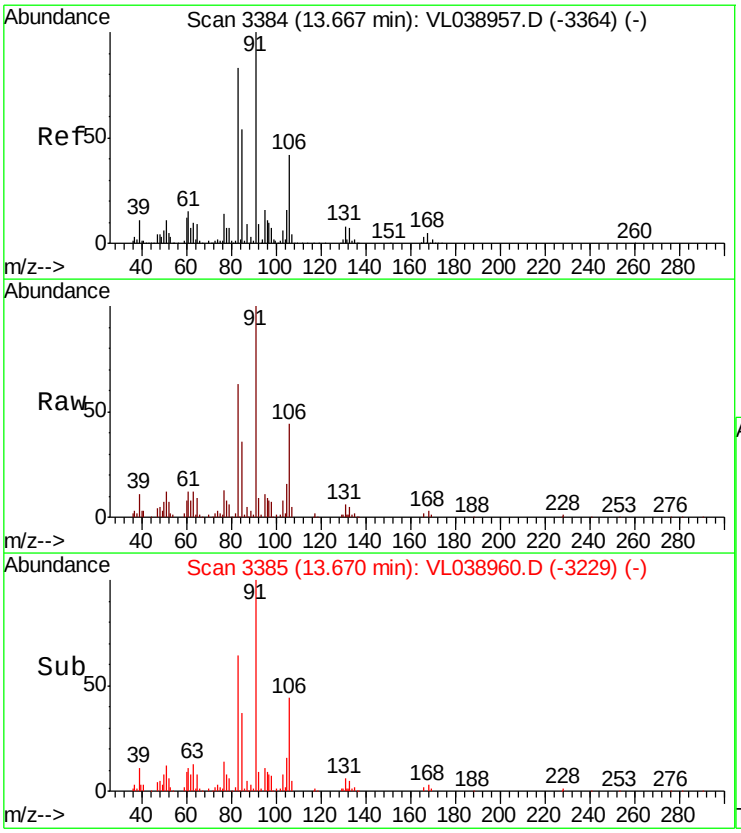
#62
Isopropylbenzene
Concen: 0.536 ppbv
RT: 14.65
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 252932

Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.5	30.7

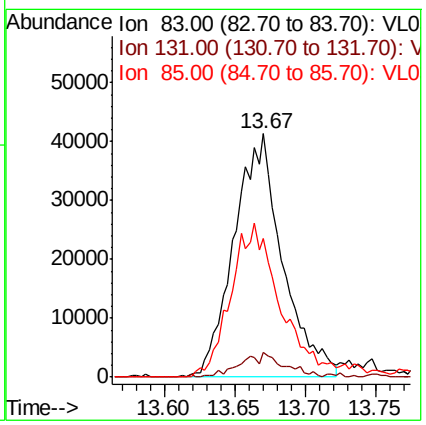


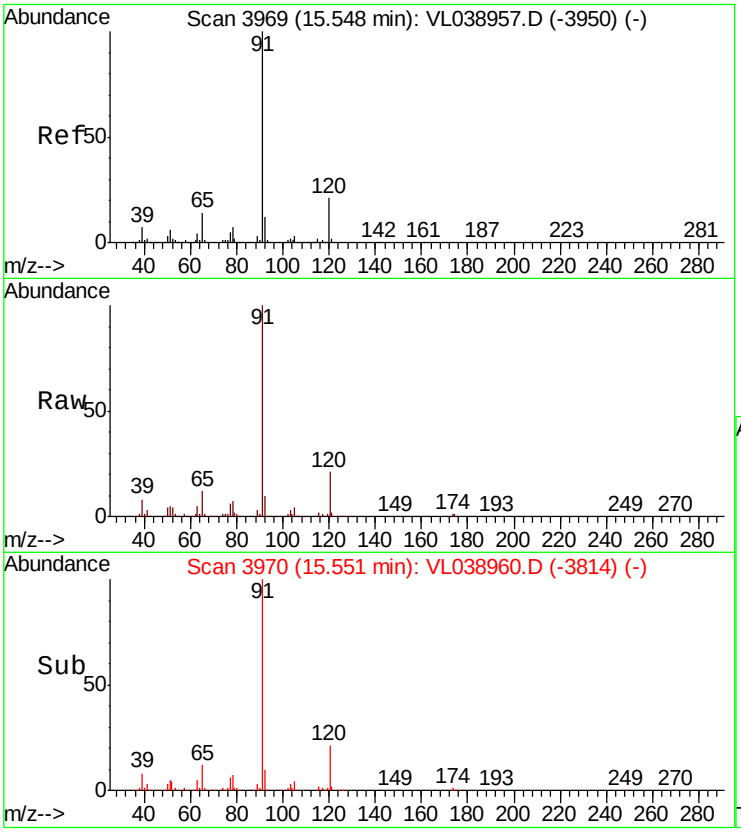


#63
1,1,2,2-Tetrachloroethane
Concen: 0.382 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. 0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 83 Resp: 99298

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.5	13.7
85	68.2	32.8	98.3



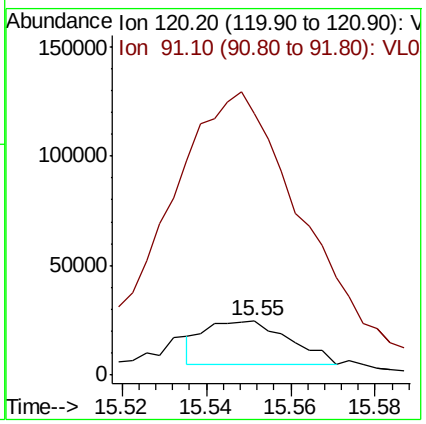


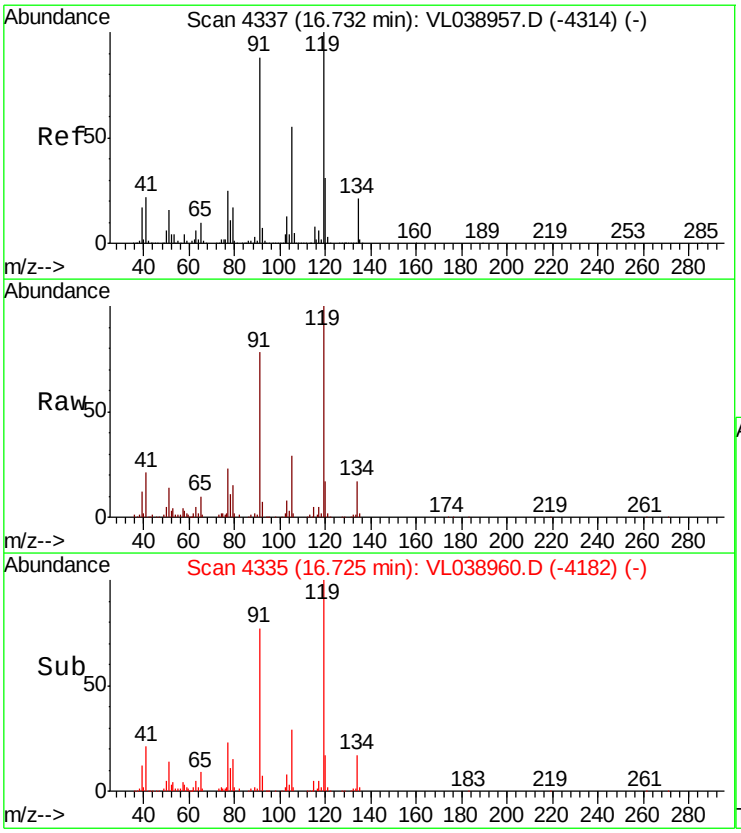
#64
n-propylbenzene
Concen: 0.238 ppbv
RT: 15.55
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:120 Resp: 27443

Ion	Ratio	Lower	Upper
120	100		
91	1164.3	400.6	601.0#

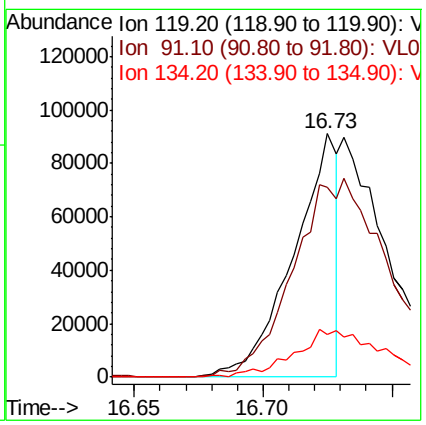


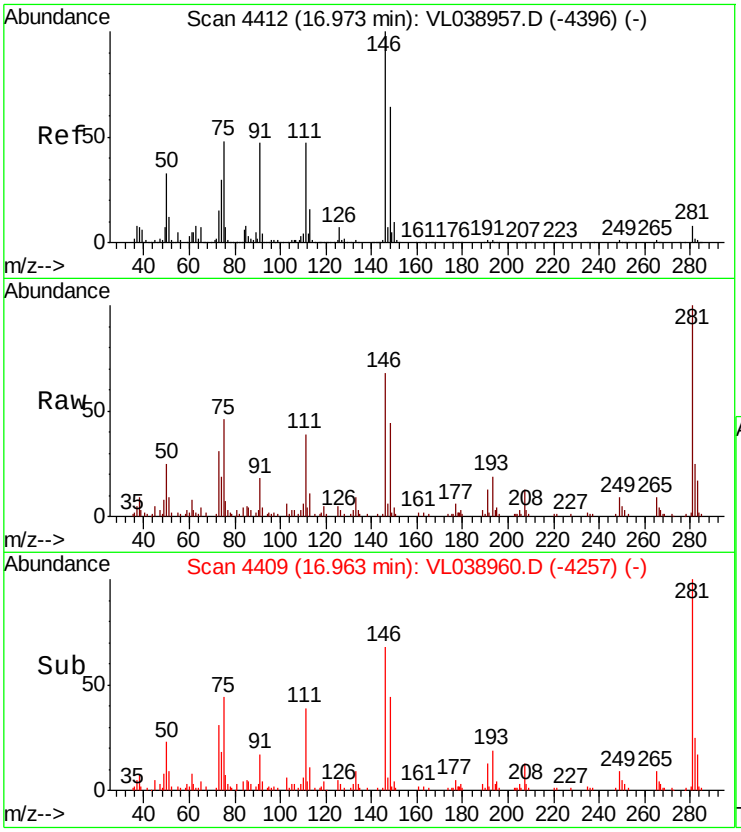


#65
tert-Butylbenzene
Concen: 0.262 ppbv
RT: 16.73 min Scan# 4335
Delta R.T. -0.01 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:119 Resp: 107386

Ion	Ratio	Lower	Upper
119	100		
91	0.0	69.4	104.2#
134	39.9	15.8	23.8#



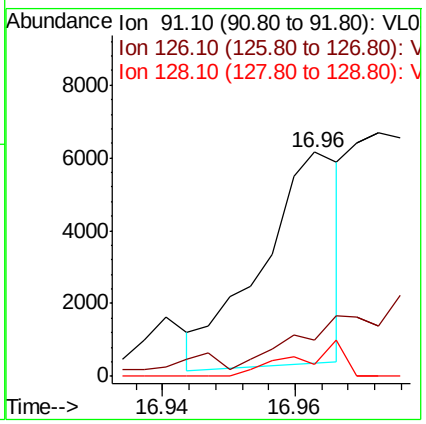


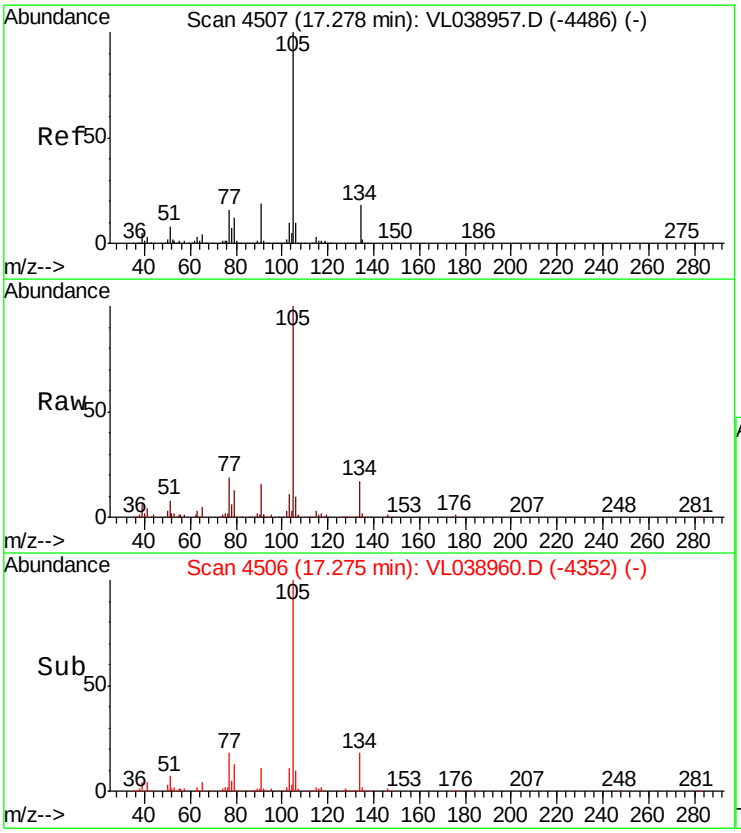
#66
Benzyl Chloride
Concen: 0.097 ppbv
RT: 16.96
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 4841

Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.8	17.6#
128	9.9	4.2	6.2#

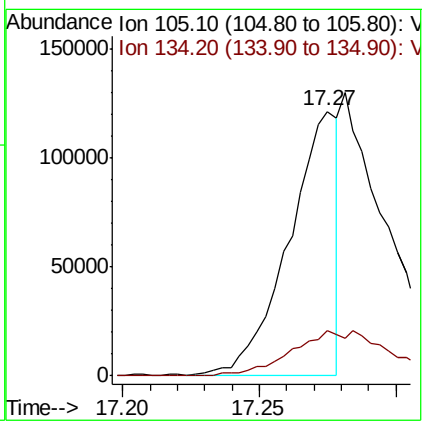


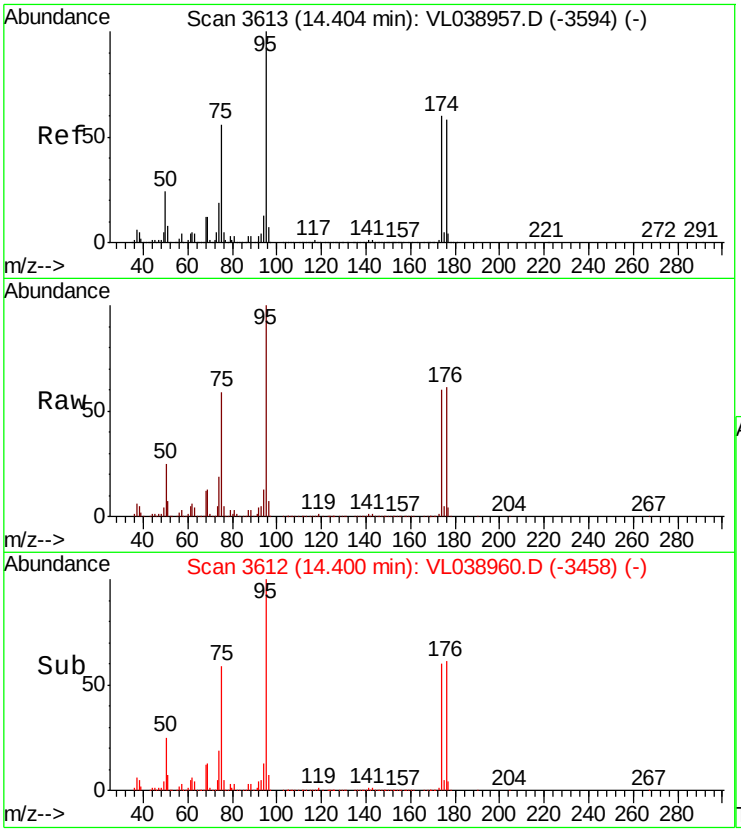


#67
sec-Butylbenzene
Concen: 0.257 ppbv
RT: 17.27 min Scan# 4506
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:105 Resp: 149199

Ion	Ratio	Lower	Upper
105	100		
134	37.1	14.2	21.4#



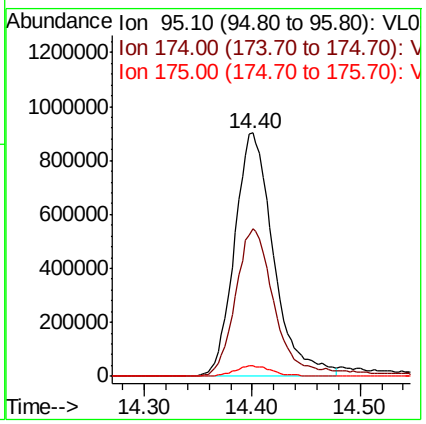


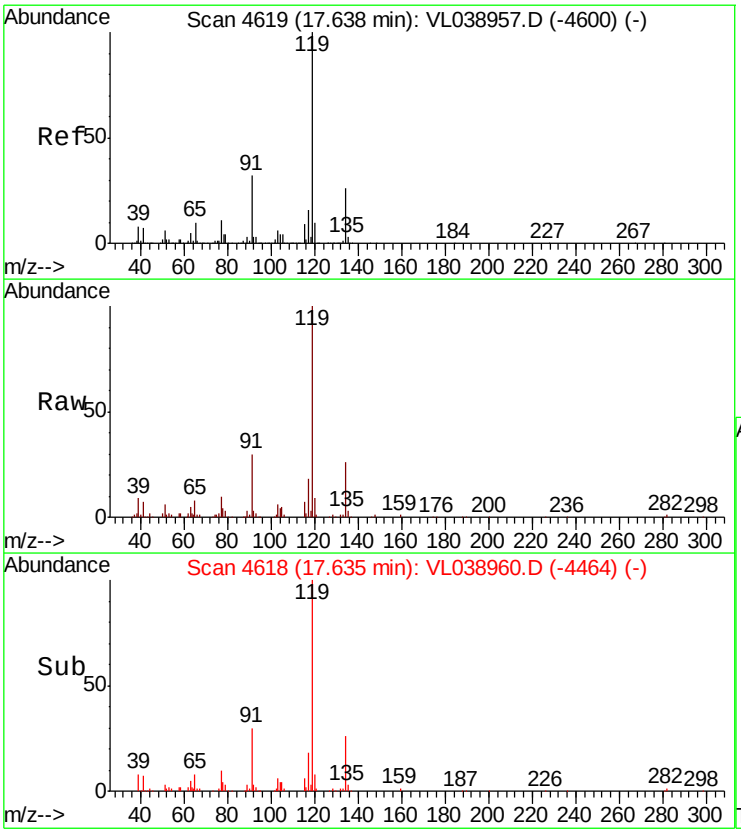
#68
1-Bromo-4-Fluorobenzene
Concen: 10.095 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 95 Resp: 2277705

Ion	Ratio	Lower	Upper
95	100		
174	63.2	50.8	76.2
175	4.4	3.8	5.6

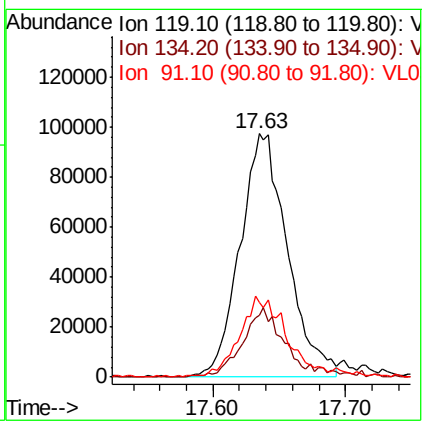


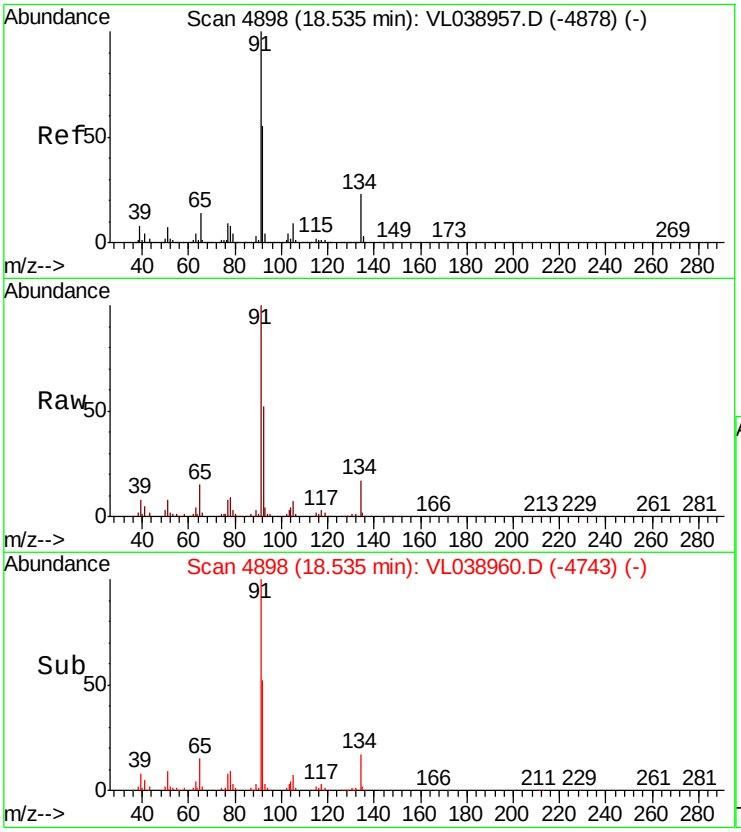


#69
p-Isopropyltoluene
Concen: 0.532 ppbv
RT: 17.63 min Scan# 4618
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:119 Resp: 241922

Ion	Ratio	Lower	Upper
119	100		
134	26.6	20.0	30.0
91	34.5	24.8	37.2



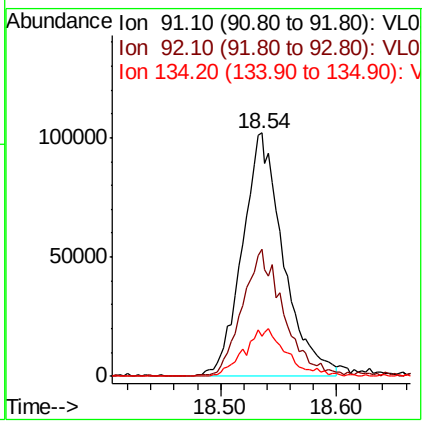


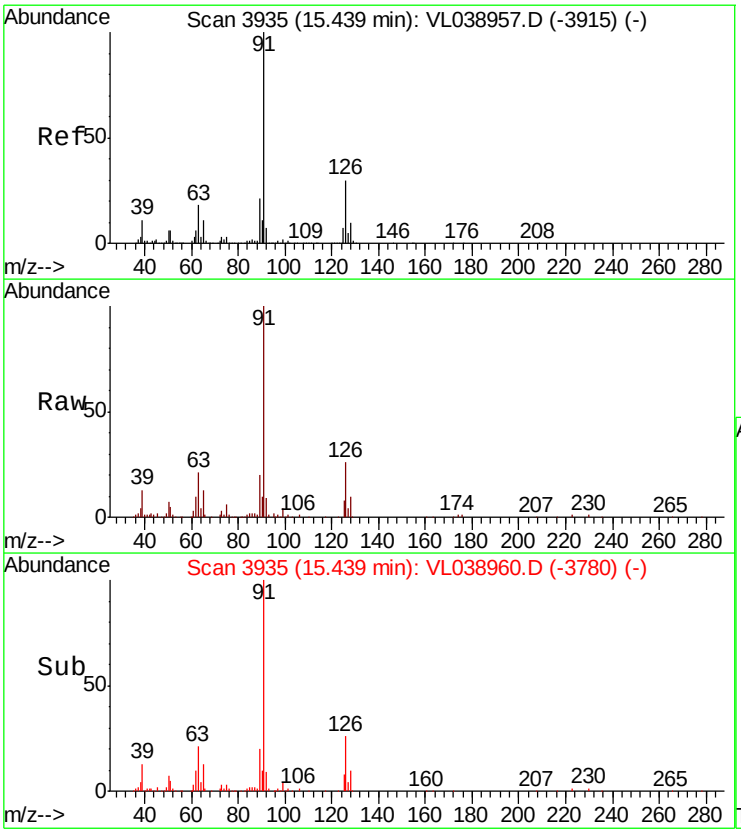
#70
n-Butylbenzene
Concen: 0.525 ppbv
RT: 18.54
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 249990

Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.1	64.7
134	20.7	17.0	25.4

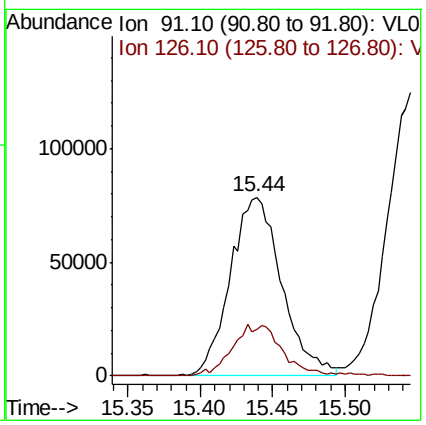


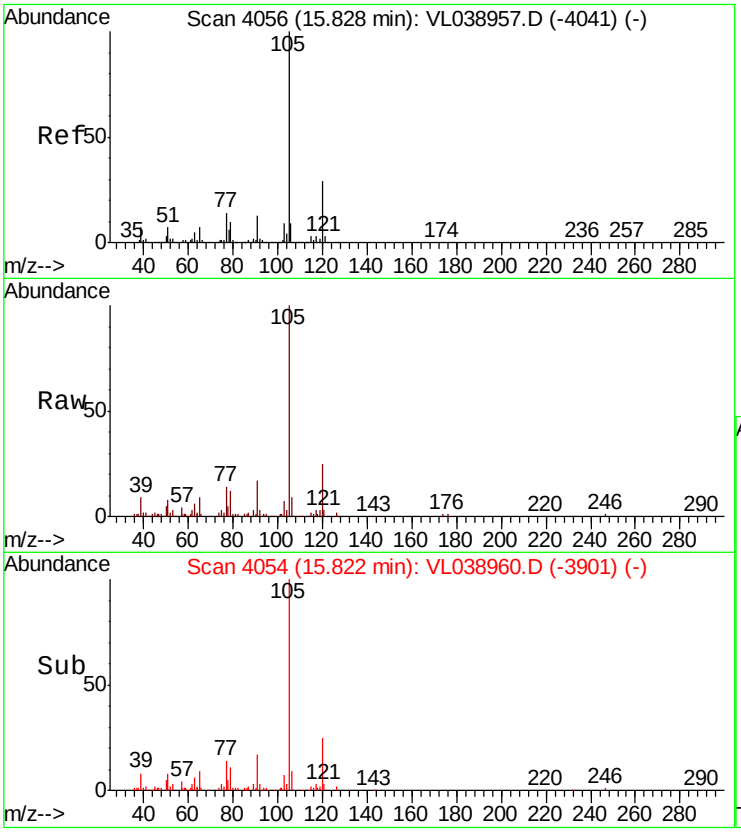


#71
2-Chlorotoluene
Concen: 0.543 ppbv
RT: 15.44 min Scan# 3935
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 91 Resp: 192620

Ion	Ratio	Lower	Upper
91	100		
126	28.7	11.9	47.5



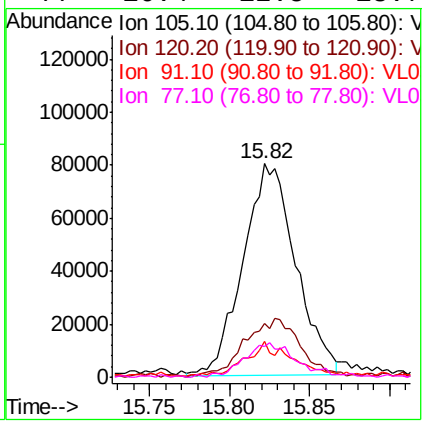


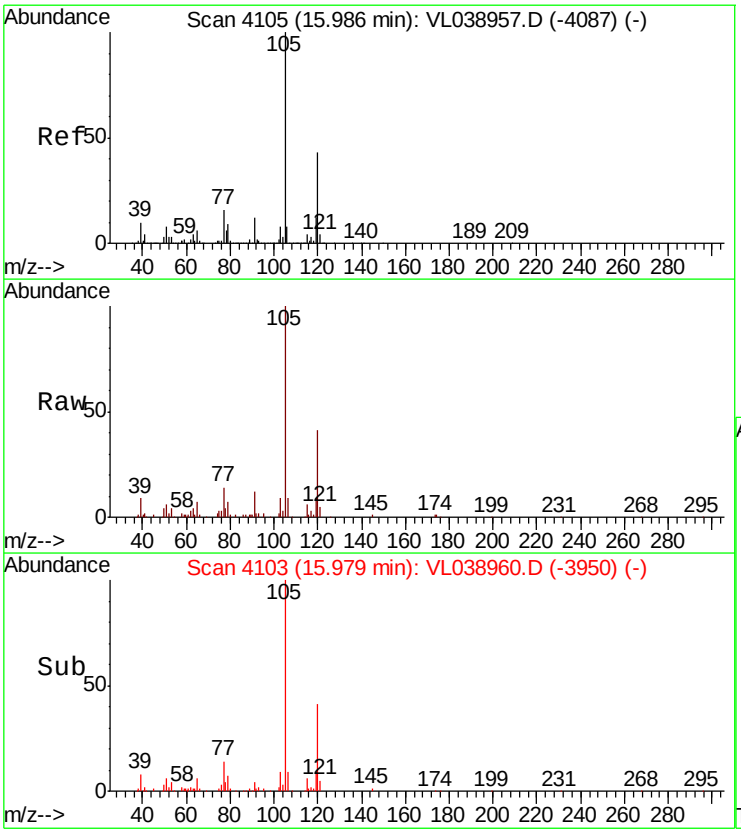
#72
4-Ethyltoluene
Concen: 0.476 ppbv
RT: 15.82
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 181206

Ion	Ratio	Lower	Upper
105	100		
120	30.2	23.4	35.0
91	15.4	10.6	16.0
77	16.4	12.5	18.7

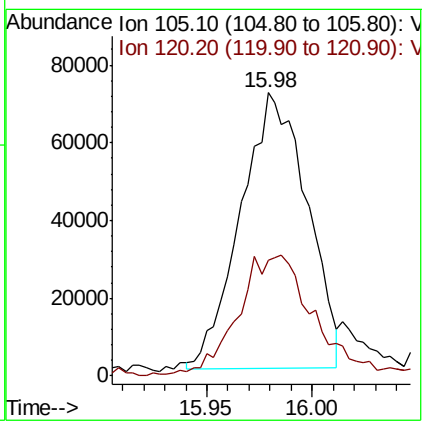


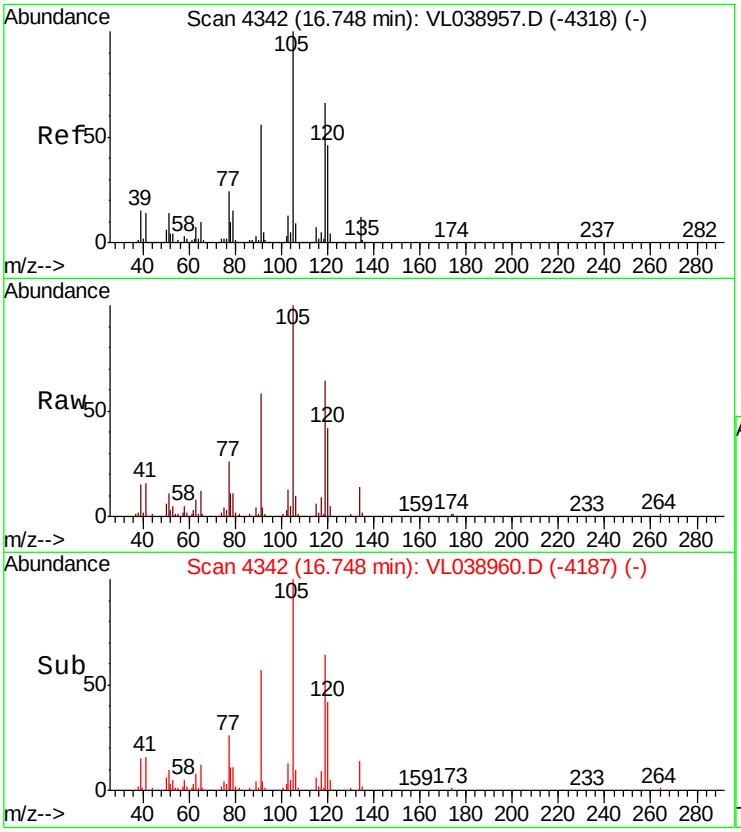


#73
1,3,5-Trimethylbenzene
Concen: 0.439 ppbv
RT: 15.98 min Scan# 4103
Delta R.T. -0.01 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:105 Resp: 155703

Ion	Ratio	Lower	Upper
105	100		
120	41.1	34.4	51.6



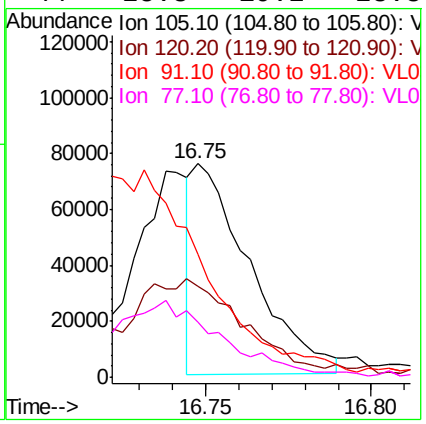


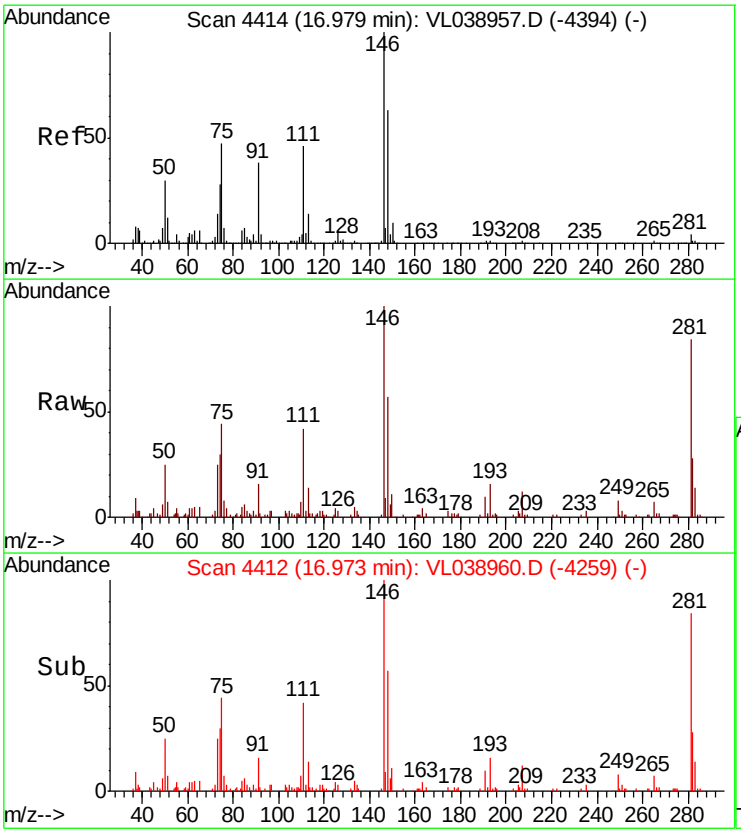
#74
1,2,4-Trimethylbenzene
Concen: 0.234 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 89541

Ion	Ratio	Lower	Upper
105	100		
120	40.2	36.9	55.3
91	56.9	45.0	67.4
77	25.8	19.2	28.8

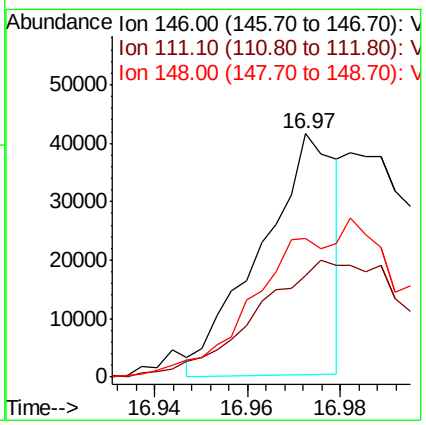


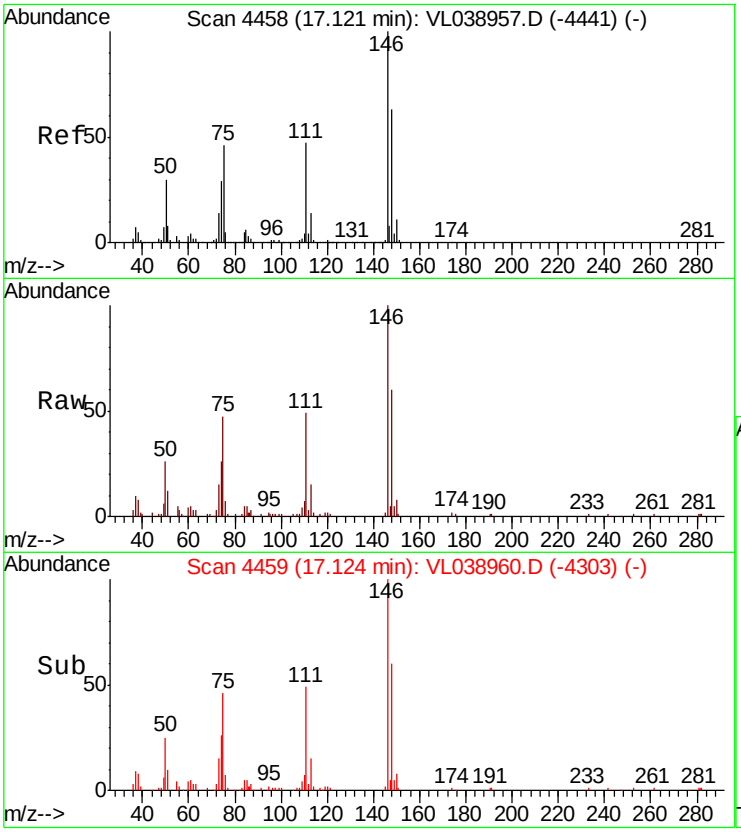


#75
1,3-Dichlorobenzene
Concen: 0.217 ppbv
RT: 16.97 min Scan# 4412
Delta R.T. -0.01 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:146 Resp: 46453

Ion	Ratio	Lower	Upper
146	100		
111	114.4	24.1	72.2#
148	0.0	32.4	97.2#



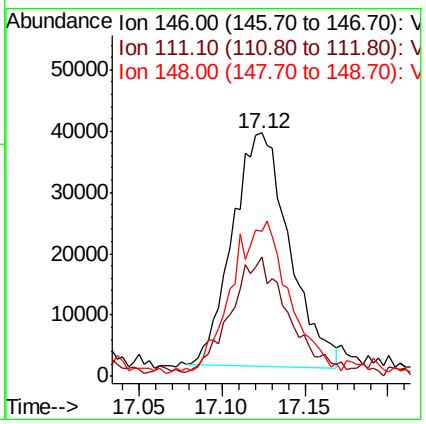


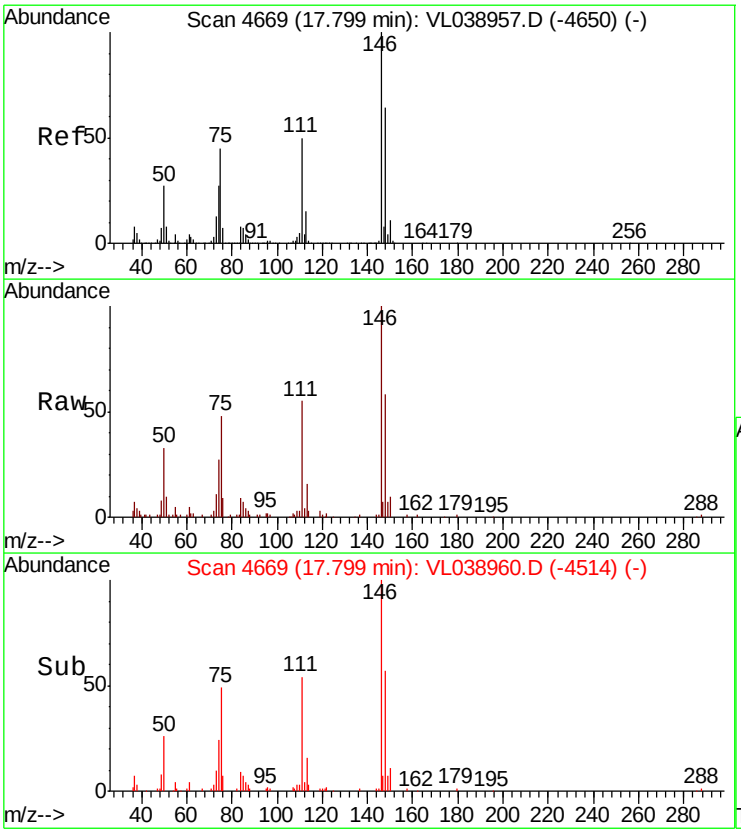
#76
1,4-Dichlorobenzene
Concen: 0.427 ppbv
RT: 17.12
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 91134

Ion	Ratio	Lower	Upper
146	100		
111	58.0	23.6	71.0
148	73.1	32.2	96.6

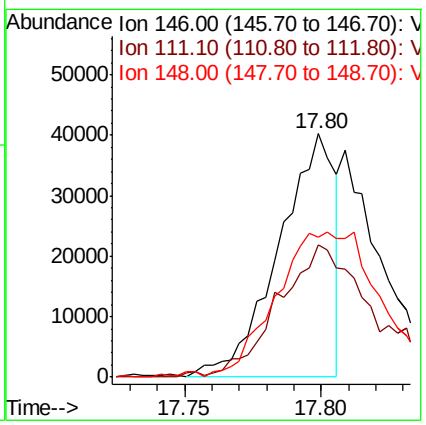


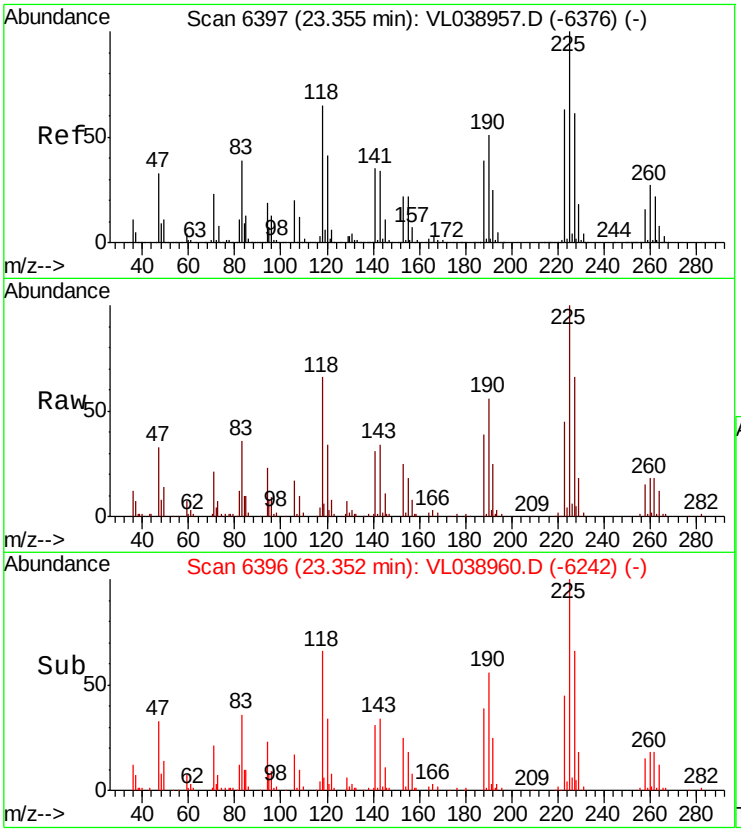


#77
1,2-Dichlorobenzene
Concen: 0.284 ppbv
RT: 17.80 min Scan# 4669
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:146 Resp: 57663

Ion	Ratio	Lower	Upper
146	100		
111	97.0	25.3	75.9#
148	121.3	32.3	96.9#



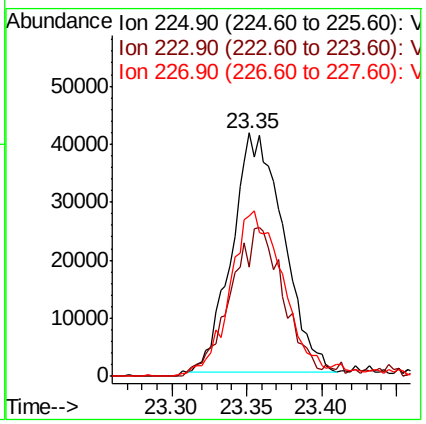


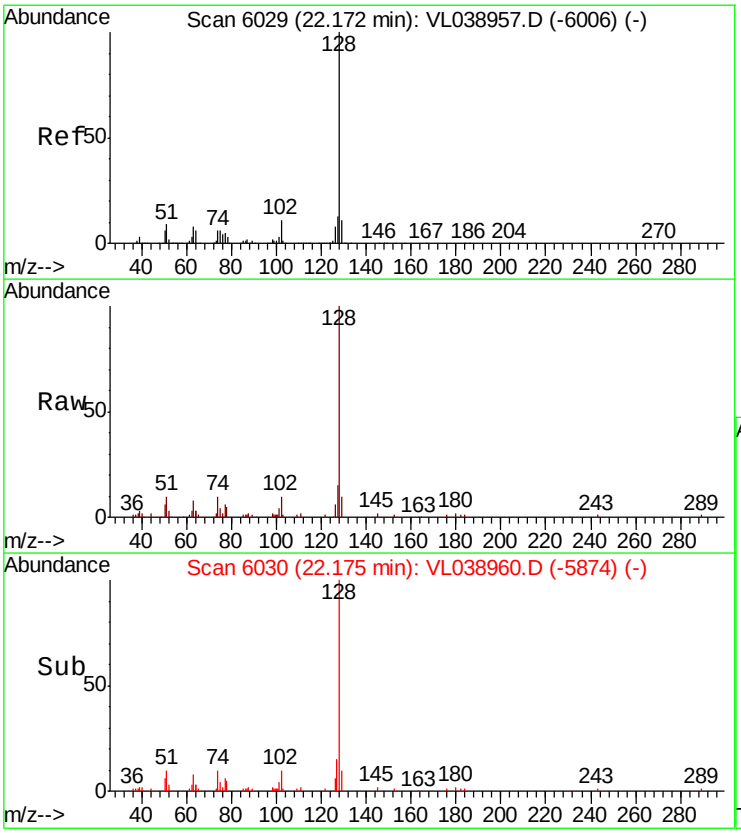
#78
Hexachloro-1,3-Butadiene
Concen: 0.544 ppbv
RT: 23.35
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:225 Resp: 99350

Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.4	77.0
227	74.2	51.4	77.0

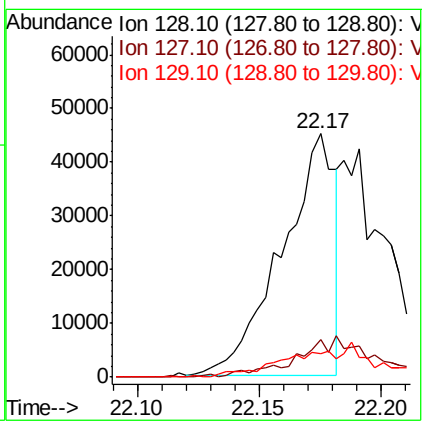


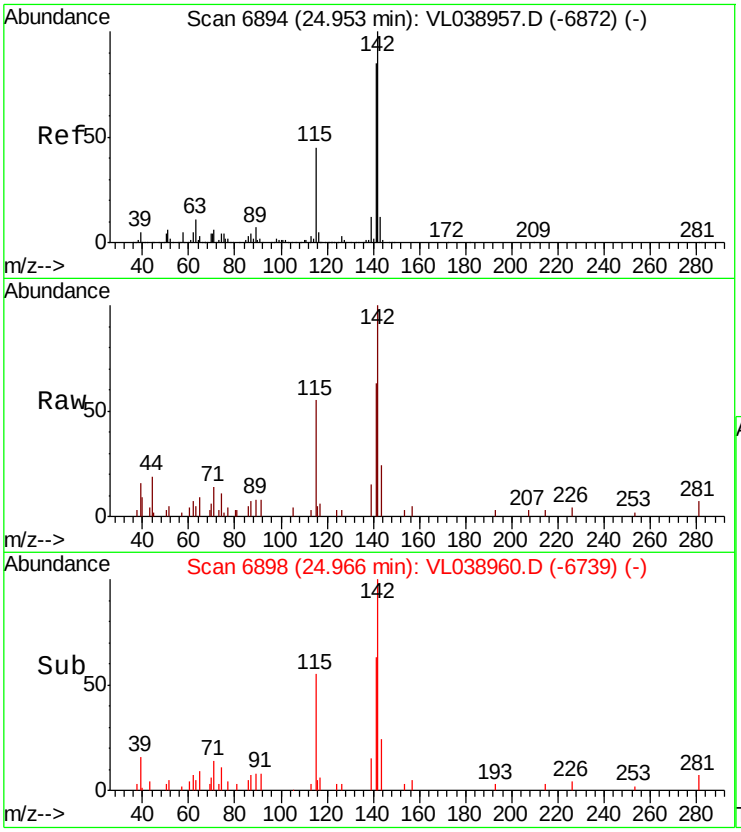


#79
Naphthalene
Concen: 0.285 ppbv
RT: 22.17 min Scan# 6030
Delta R.T. 0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:128 Resp: 67316

Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.2	15.2#
129	9.7	8.9	13.3



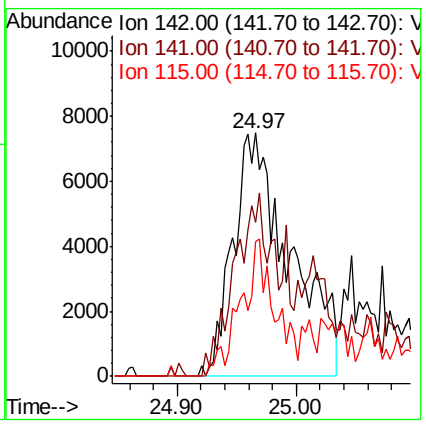


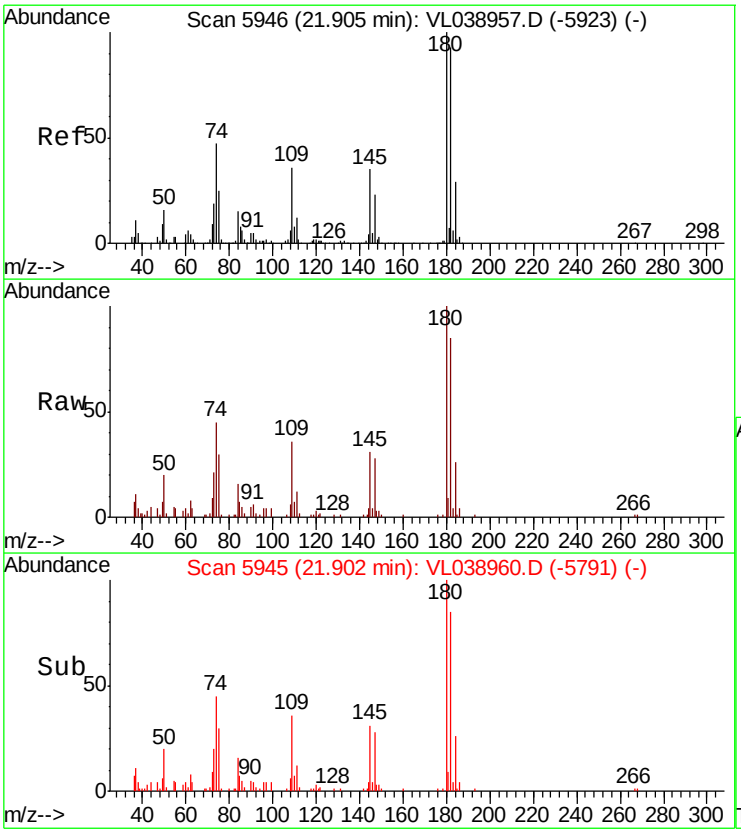
#80
Naphthalene,2-methyl-
Concen: 0.482 ppbv
RT: 24.97
Delta R.T
Lab File:
Acq: 5 May 2022 4:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:142 Resp: 24818

Ion	Ratio	Lower	Upper
142	100		
141	56.1	70.8	106.2#
115	47.8	35.1	52.7





#81
1,2,4-Trichlorobenzene
Concen: 0.224 ppbv
RT: 21.90 min Scan# 5945
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:180 Resp: 32102

Ion	Ratio	Lower	Upper
180	100		
182	0.0	78.4	117.6#
184	0.0	24.4	36.6#