Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111821\

Quantitation Report (Not Reviewed)

Data File : VL038049.D
Acq On : 18 Nov 2021 10:41
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Nov 18 11:24:39 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 10:39:10 2021
QLast Update : Thu Nov 18 10:39:10 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	931017	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2732058	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2415069	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1752626	10.04	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	113937	0.602	ppbv		97
3) Chlorodifluoromethane	2.99	51	106086	0.438	ppbv		99
4) Chloromethane	3.15	50	34585	0.402	ppbv		99
5) Vinyl Chloride	3.26	62	31921	0.386	ppbv		96
6) Bromomethane	3.48	94	16455	0.372	ppbv		85
7) Chloroethane	3.56	64	5652	0.194	ppbv	#	85
8) Dichlorotetrafluoroethane	3.19	85	80636	0.411	ppbv		95
9) Propene	3.01	41	36723	0.402	ppbv		84
10) Heptane	8.12	43	52772	0.235	ppbv	#	41
11) Trichlorofluoromethane	3.95	101	73804	0.394	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	50290	0.347	ppbv		92
14) Bromoethene	3.74	108	11605	0.191	ppbv	#	1
15) Acetone	3.87	43	28537	0.261	ppbv	#	64
16) 1,3-Butadiene	3.33	39	28938	0.357	ppbv		91
17) tert-Butyl alcohol	4.32	59	46455	0.316	ppbv		96
18) 1,1-Dichloroethene	4.29	96	25089	0.375	ppbv		84
20) Methylene Chloride	4.35	84	25649	0.399	ppbv		90
21) Allyl Chloride	4.41	41	34429	0.314	ppbv	#	82
22) trans-1,2-Dichloroethene	4.89	96	22517	0.333	ppbv		95
23) Vinyl Acetate	5.09	43	54563	0.301	ppbv	#	93
24) 1,1-Dichloroethane	5.01	63	48605	0.344	ppbv		98
25) Ethyl Acetate	5.69	43	129010	0.501	ppbv	#	95
26) Hexane	5.69	57	66687	0.516	ppbv		96
27) Carbon Disulfide	4.55	76	50536	0.298	ppbv	#	79
28) Methyl tert-Butyl Ether	5.05	73	57100	0.344	ppbv		98
29) Chloroform	5.75	83	87759	0.450	ppbv		98
30) Cyclohexane	7.13	84	60957	0.418	ppbv		92
31) cis-1,2-Dichloroethene	5.55	61	57739	0.539	ppbv		94
32) 1,1,1-Trichloroethane	6.51	97	98892	0.400	ppbv		99
34) 2-Butanone	5.27	43	50777	0.563	ppbv		91
35) Carbon Tetrachloride	7.01	117	96269	0.510	ppbv		98
36) Benzene	6.89	78	75230	0.289	ppbv		98
37) 1,2-Dichloroethane	6.30	62	67528	0.560	ppbv		99
38) Trichloroethene	7.83	130	35403	0.335	ppbv		95
39) 1,2-Dichloropropane	7.62	63	57649	0.574	ppbv		93
41) Tetrahydrofuran	6.08	42	31614	0.489	ppbv		94
42) Bromodichloromethane	7.79	83	101637	0.535	ppbv		95
43) Methyl Methacrylate	8.02	69	45499	0.491	ppbv		93
44) 2,2,4-Trimethylpentane	7.87	57	248673	0.557	ppbv		99
45) t-1,3-Dichloropropene	9.28	75	14931	0.194	ppbv		99
46) cis-1,3-Dichloropropene	8.70	75	44235	0.441	ppbv		91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111821\

Quantitation Report (Not Reviewed)

Data File : VL038049.D
Acq On : 18 Nov 2021 10:41
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Nov 18 11:24:39 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 10:39:10 2021
QLast Update : Thu Nov 18 10:39:10 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 1,1,2-Trichloroethane	9.47	97	54075	0.530	ppbv		94
48) Dibromochloromethane	10.30	129	76907	0.464	ppbv		94
49) Bromoform	13.04	173	52895	0.413	ppbv		96
50) 4-Methyl-2-Pentanone	8.76	43	34338	0.211	ppbv	#	38
51) 2-Hexanone	10.16	43	20980	0.277	ppbv	#	65
52) Tetrachloroethene	11.22	164	50688	0.517	ppbv		92
53) Toluene	9.80	91	169171	0.557	ppbv		98
54) 1,2-Dibromoethane	10.61	107	74826	0.523	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.12	131	57616	0.546	ppbv	#	1
57) Chlorobenzene	12.14	112	112455	0.568	ppbv		94
58) Ethyl Benzene	12.70	91	119402	0.326	ppbv		97
59) m/p-Xylene	12.99	91	129255	0.424	ppbv	#	29
60) o-Xylene	13.68	91	177511	0.627	ppbv		97
61) Styrene	13.52	104	49200	0.312	ppbv	#	41
62) Isopropylbenzene	14.66	105	250766	0.613	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.67	83	117032	0.553	ppbv		93
64) n-propylbenzene	15.55	120	30779	0.295	ppbv	#	1
65) tert-Butylbenzene	16.74	119	229282	0.639	ppbv		99
66) Benzyl Chloride	16.98	91	2059	0.082	ppbv	#	13
67) sec-Butylbenzene	17.29	105	294611	0.594	ppbv		99
69) p-Isopropyltoluene	17.65	119	234291	0.586	ppbv		96
70) n-Butylbenzene	18.55	91	220007	0.600	ppbv		99
71) 2-Chlorotoluene	15.45	91	186194	0.636	ppbv		98
72) 4-Ethyltoluene	15.83	105	194259	0.576	ppbv		99
73) 1,3,5-Trimethylbenzene	15.99	105	175009	0.567	ppbv		90
74) 1,2,4-Trimethylbenzene	16.76	105	189202	0.609	ppbv		94
75) 1,3-Dichlorobenzene	16.99	146	95594	0.558	ppbv		93
76) 1,4-Dichlorobenzene	17.13	146	86669	0.493	ppbv		83
77) 1,2-Dichlorobenzene	17.81	146	97016	0.590	ppbv		98
78) Hexachloro-1,3-Butadiene	23.36	225	32125	0.301	ppbv	#	10
79) Naphthalene	22.20	128	51362	0.301	ppbv	#	90
80) Naphthalene,2-methyl-	25.09	142	5320	0.165	ppbv		93
81) 1,2,4-Trichlorobenzene	21.91	180	3103	0.032	ppbv	#	12

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

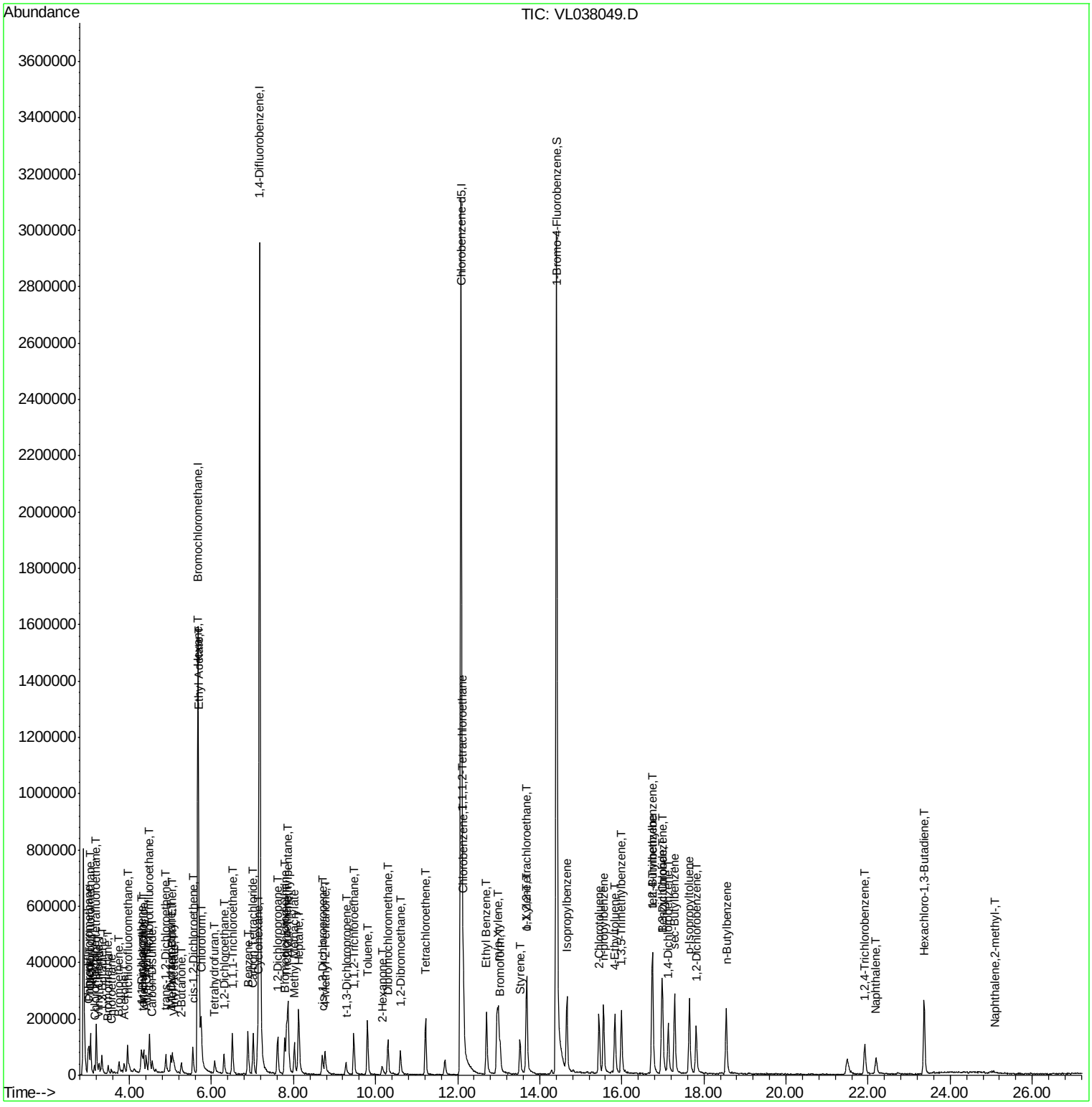
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111821\

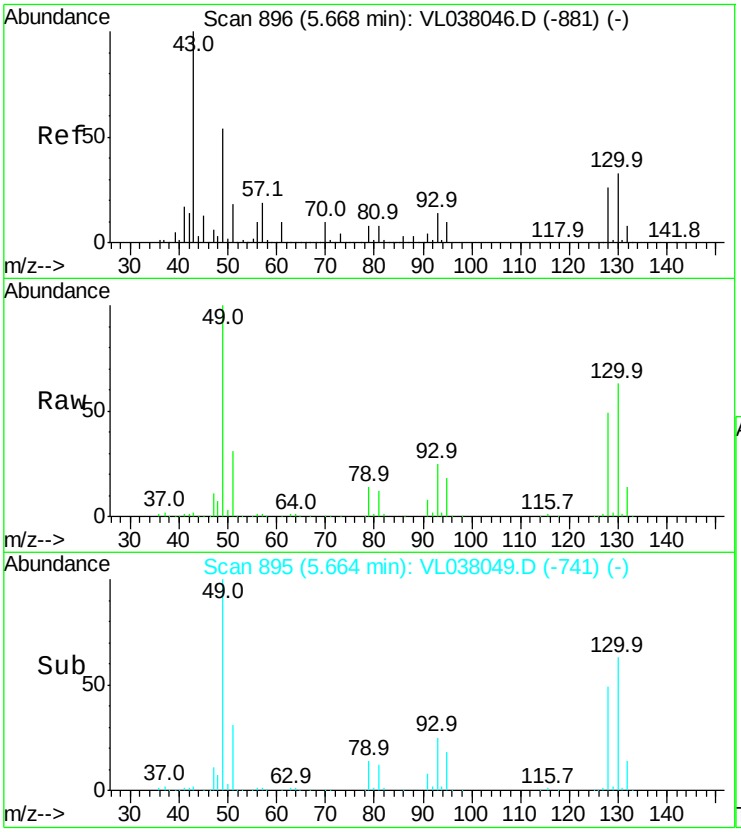
Quantitation Report (Not Reviewed)

Data File : VL038049.D
Acq On : 18 Nov 2021 10:41
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: Nov 18 11:24:39 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 10:39:10 2021
QLast Update : Thu Nov 18 10:39:10 2021
Response via : Initial Calibration



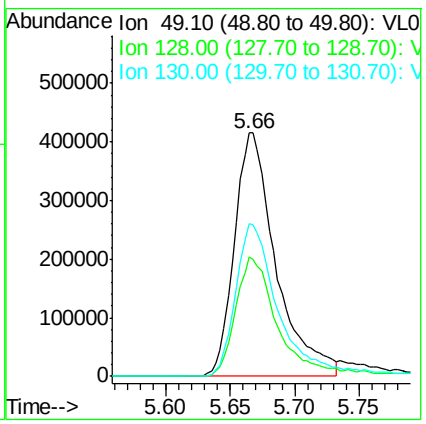


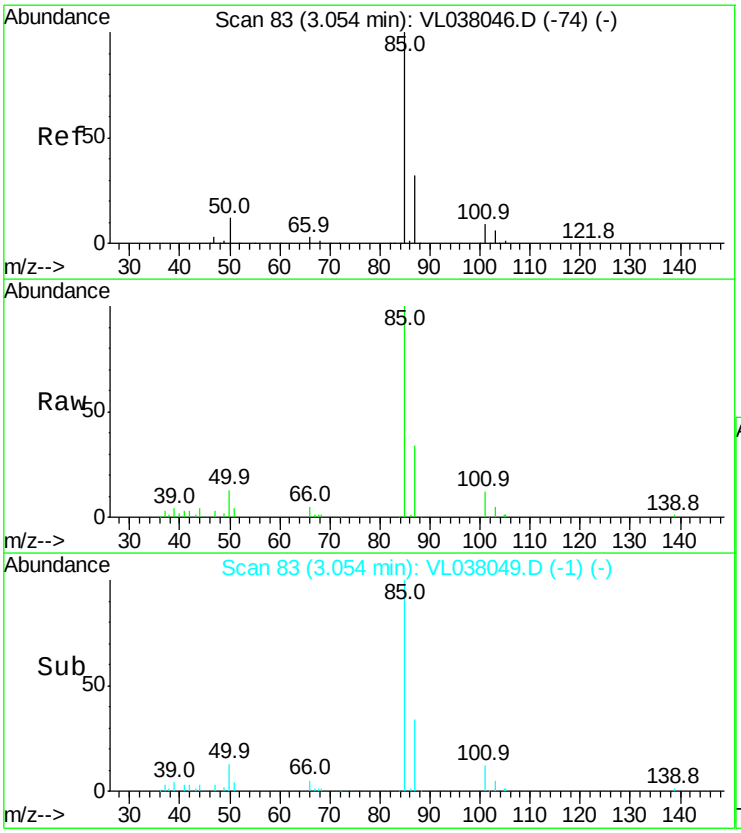
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 931017

Ion	Ratio	Lower	Upper
49	100		
128	51.4	26.5	79.5
130	67.4	32.5	97.4

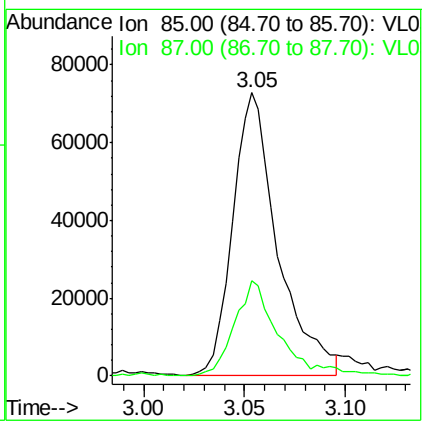


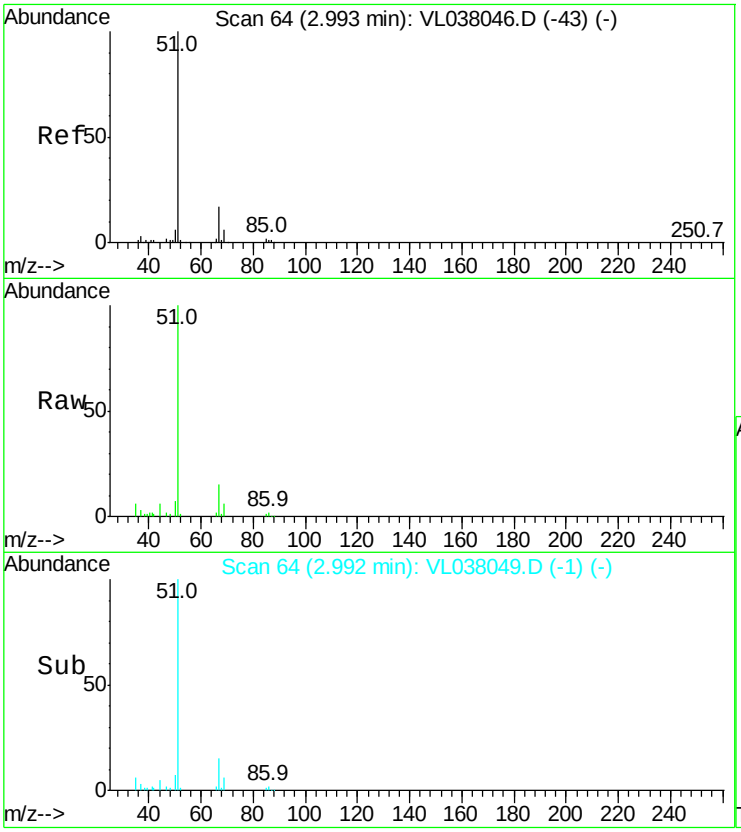


#2
Dichlorodifluoromethane
Concen: 0.602 ppbv
RT: 3.05 min Scan# 83
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 85 Resp: 113937

Ion	Ratio	Lower	Upper
85	100		
87	33.6	25.8	38.6



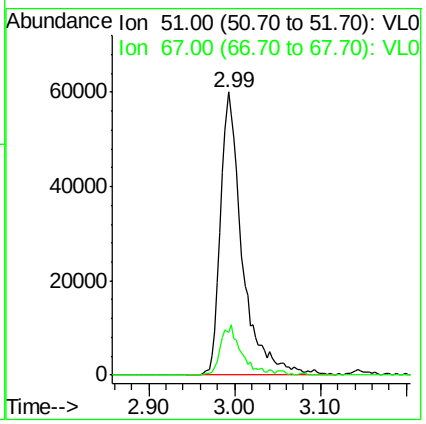


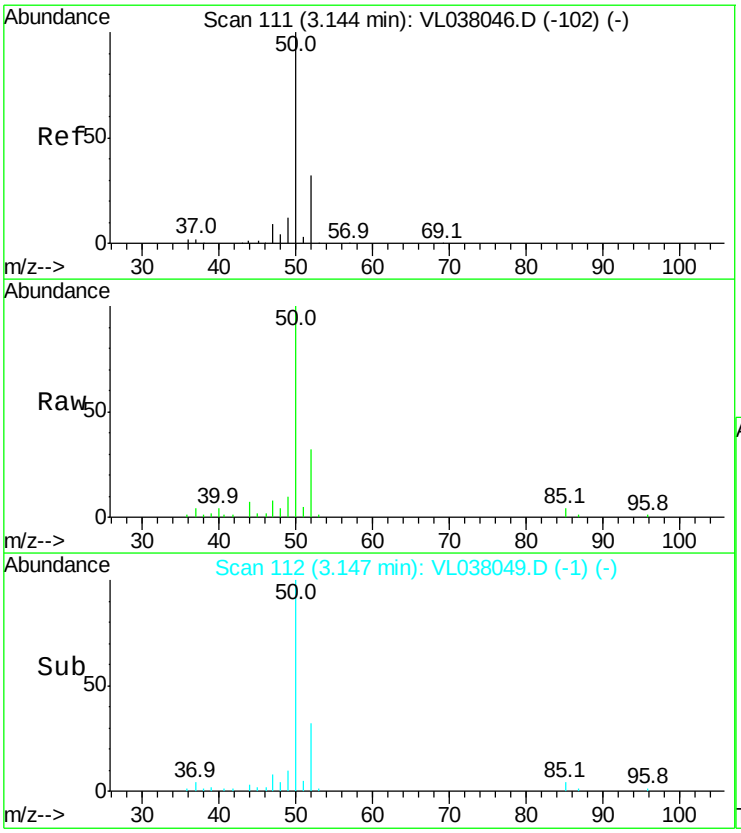
#3
Chlorodifluoromethane
Concen: 0.438 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 106086

Ion	Ratio	Lower	Upper
51	100		
67	17.8	13.8	20.8

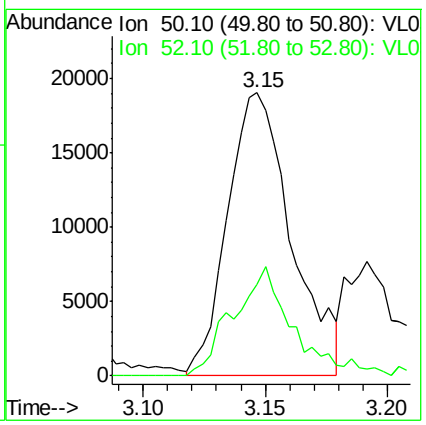


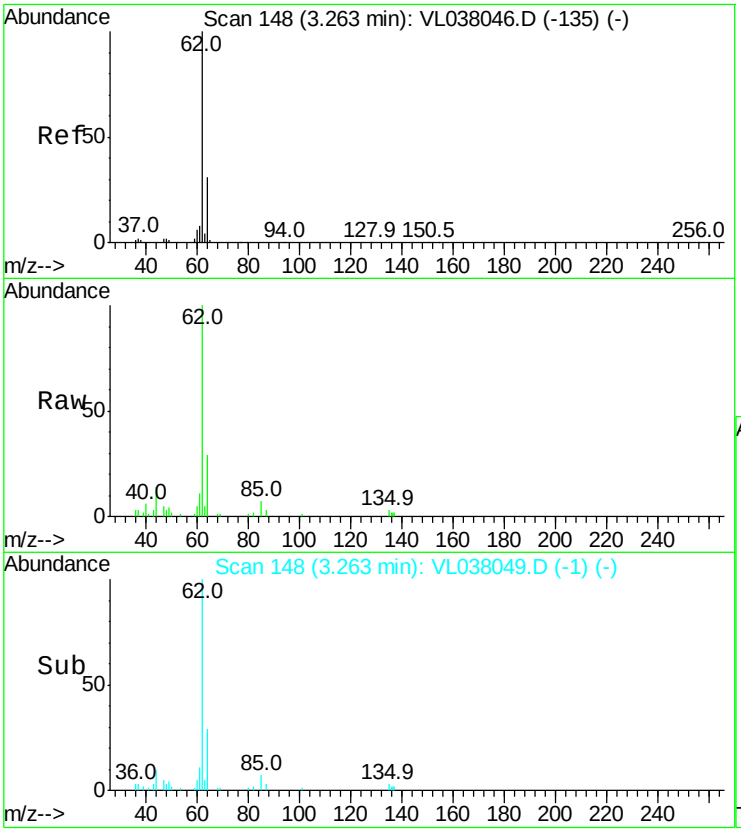


#4
Chloromethane
Concen: 0.402 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 50 Resp: 34585

Ion	Ratio	Lower	Upper
50	100		
52	32.5	25.4	38.0



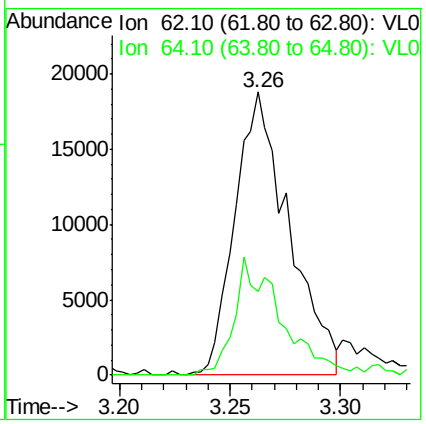


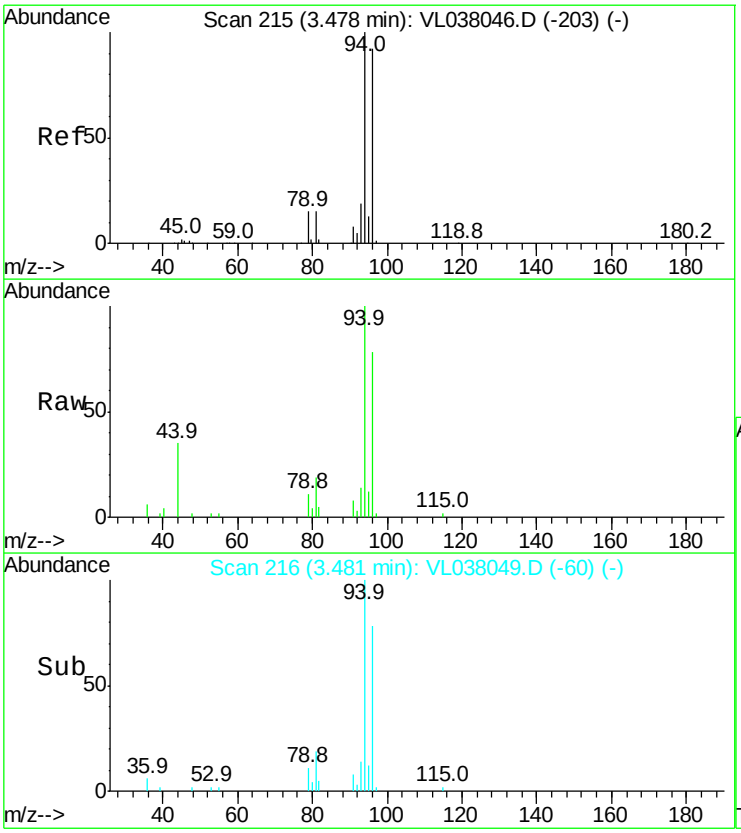
#5
Vinyl Chloride
Concen: 0.386 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 31921

Ion	Ratio	Lower	Upper
62	100		
64	29.4	25.1	37.7

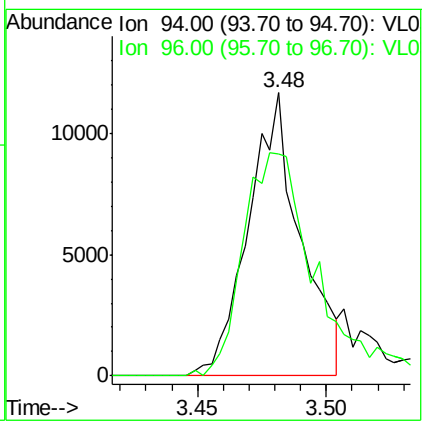


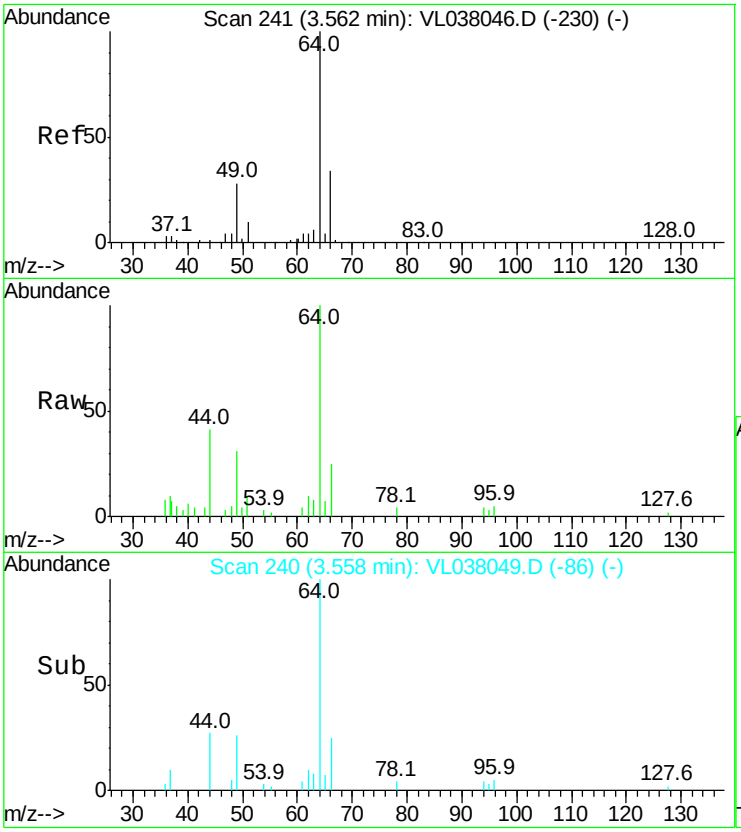


#6
Bromomethane
Concen: 0.372 ppbv
RT: 3.48 min Scan# 216
Delta R.T. 0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 94 Resp: 16455

Ion	Ratio	Lower	Upper
94	100		
96	78.5	73.9	110.9



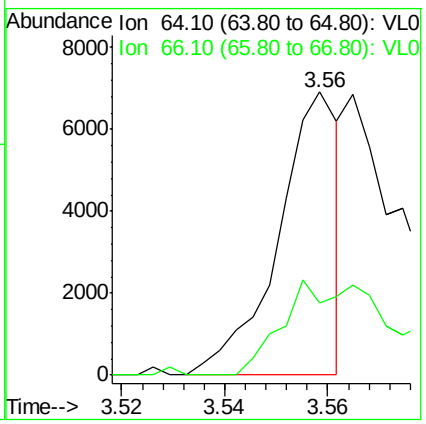


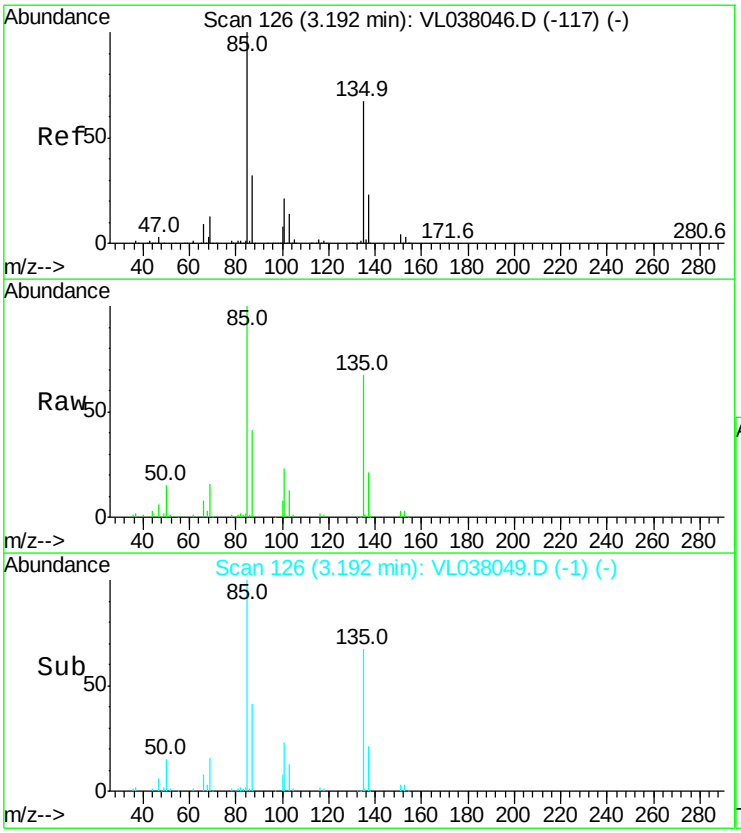
#7
Chloroethane
Concen: 0.194 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 5652

Ion	Ratio	Lower	Upper
64	100		
66	25.4	27.2	40.8#

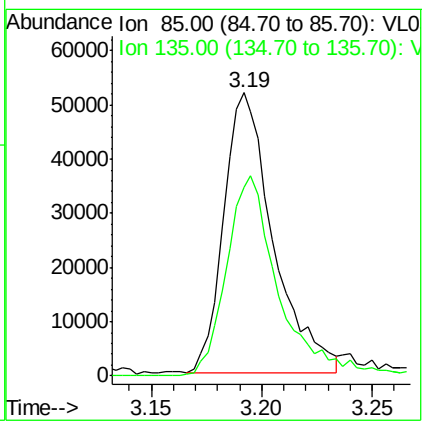


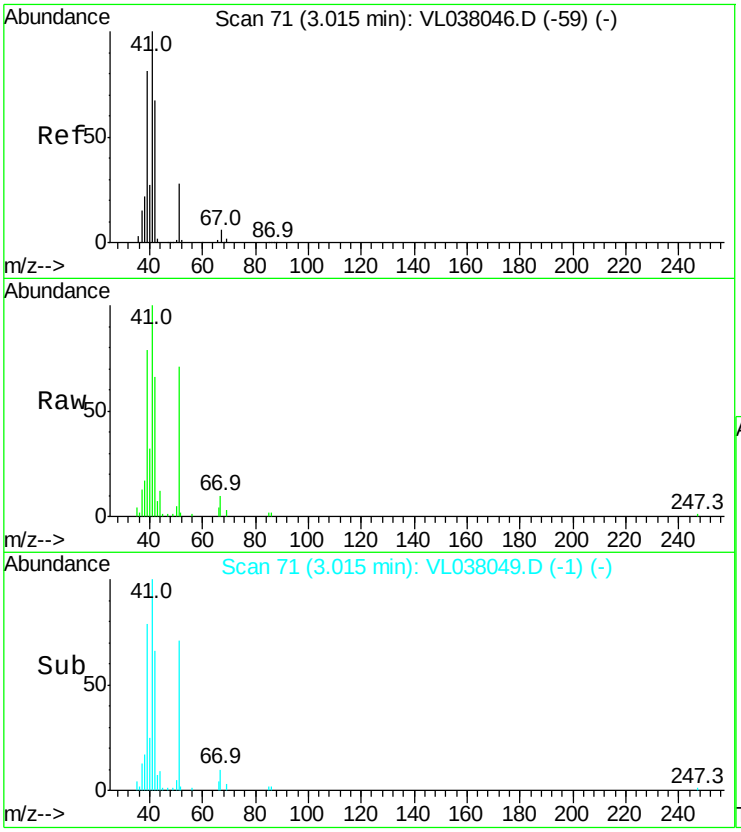


#8
Dichlorotetrafluoroethane
Concen: 0.411 ppbv
RT: 3.19 min Scan# 126
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 85 Resp: 80636

Ion	Ratio	Lower	Upper
85	100		
135	76.9	57.9	86.9



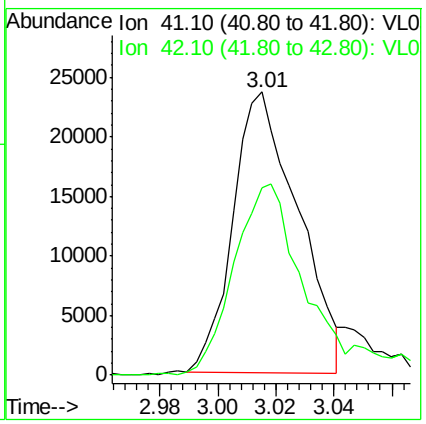


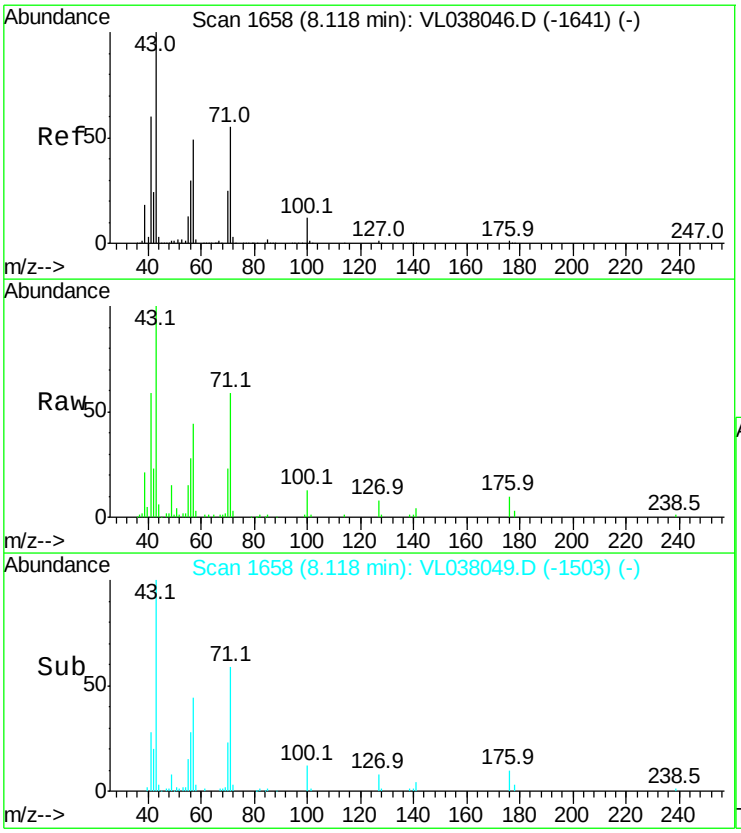
#9
Propene
Concen: 0.402 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 36723

Ion	Ratio	Lower	Upper
41	100		
42	80.2	53.8	80.8

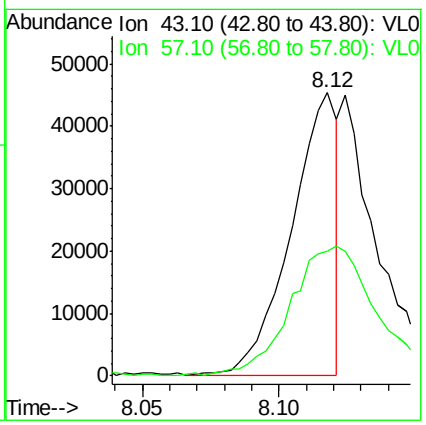


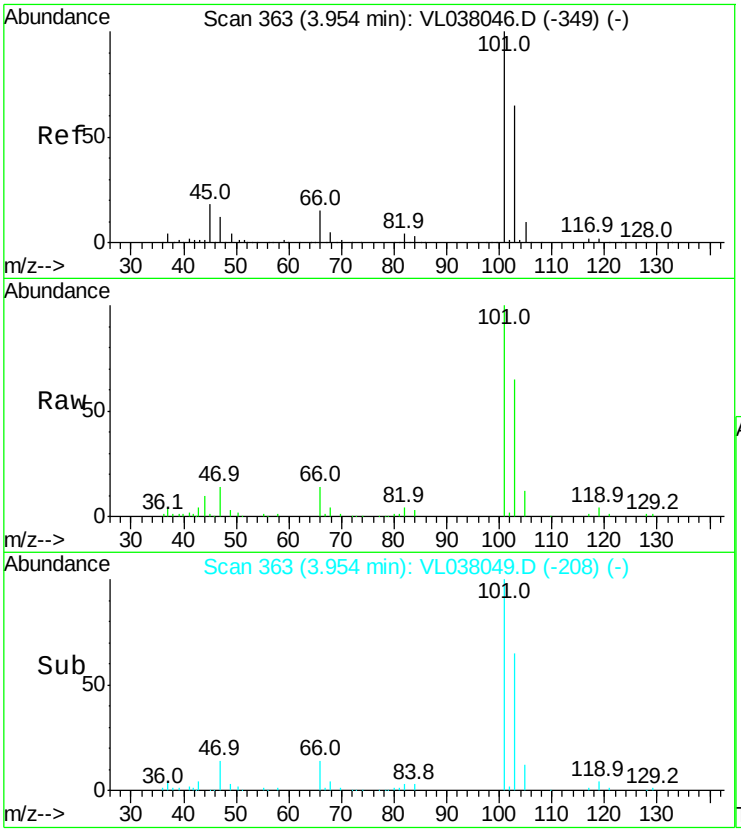


#10
Heptane
Concen: 0.235 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 43 Resp: 52772

Ion	Ratio	Lower	Upper
43	100		
57	91.4	40.4	60.6#



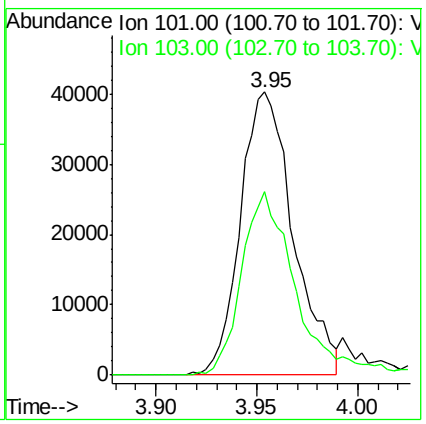


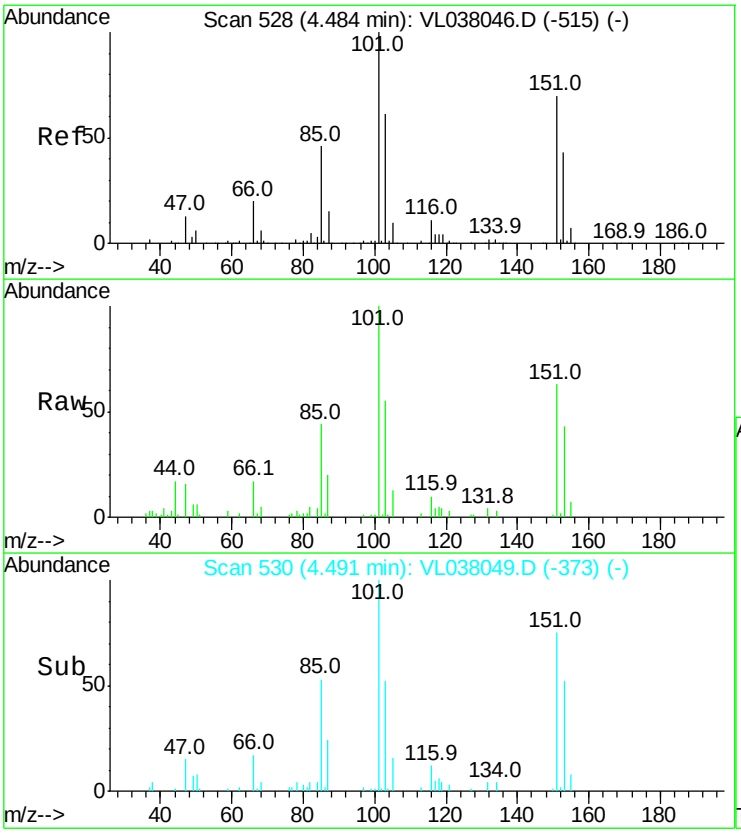
#11
Trichlorofluoromethane
Concen: 0.394 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 73804

Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.8	77.6

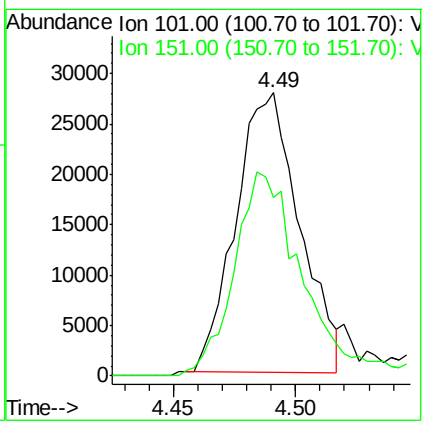


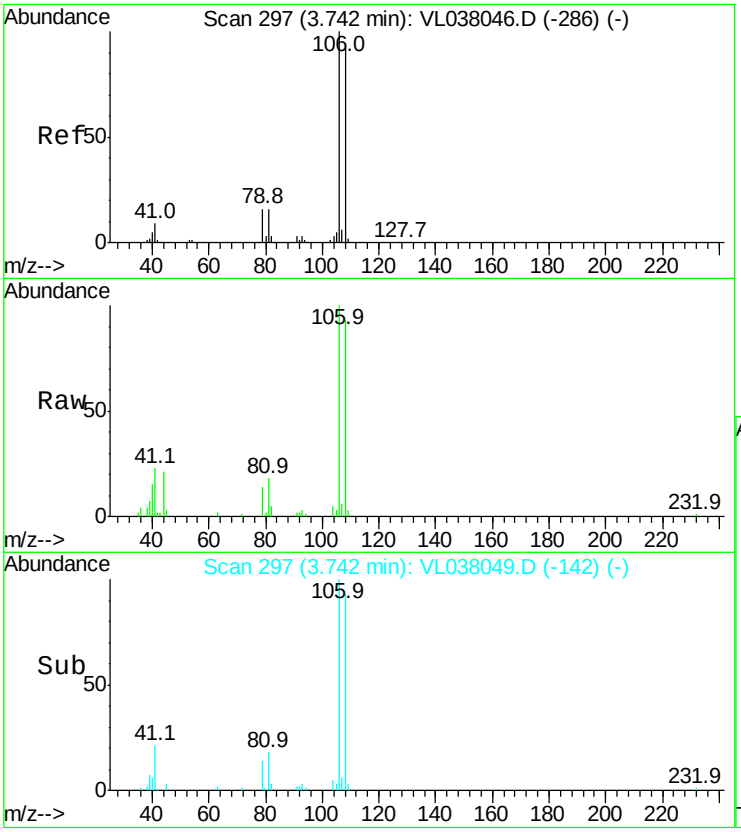


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.347 ppbv
RT: 4.49 min Scan# 530
Delta R.T. 0.01 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:101 Resp: 50290

Ion	Ratio	Lower	Upper
101	100		
151	80.1	59.0	88.4



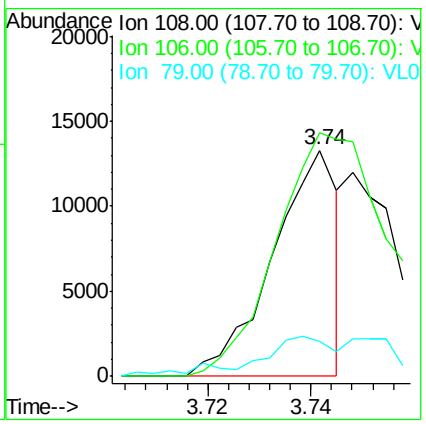


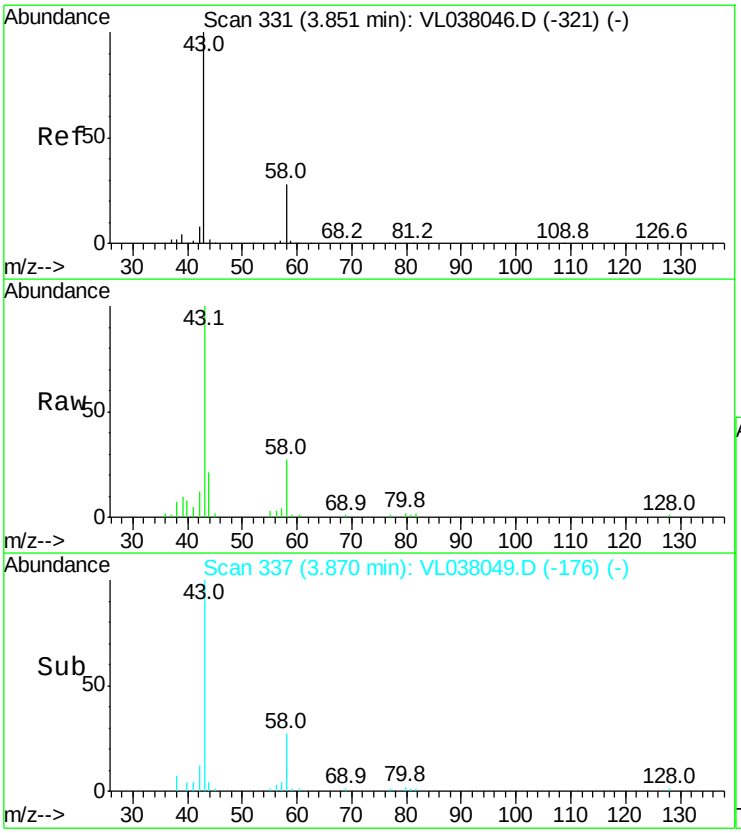
#14
Bromoethene
Concen: 0.191 ppbv
RT: 3.74
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:108 Resp: 11605

Ion	Ratio	Lower	Upper
108	100		
106	234.3	89.4	134.0#
79	47.9	14.1	21.1#

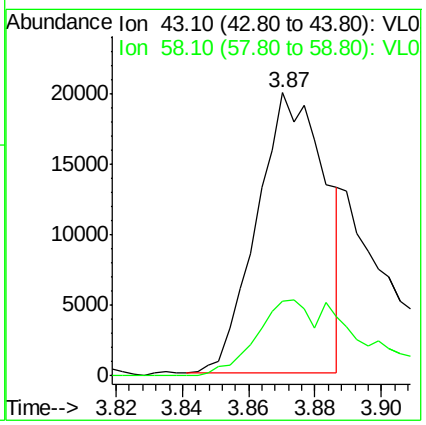


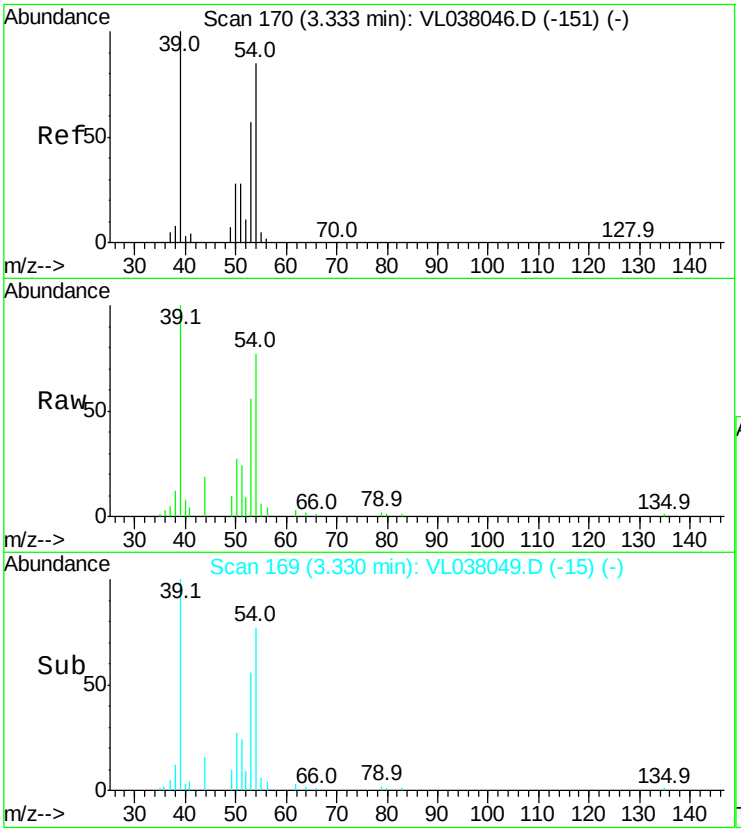


#15
Acetone
Concen: 0.261 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 43 Resp: 28537

Ion	Ratio	Lower	Upper
43	100		
58	47.2	22.4	33.6#



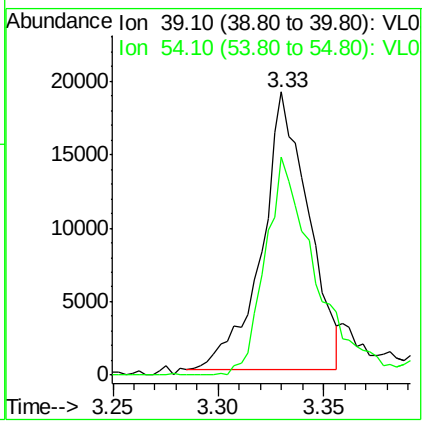


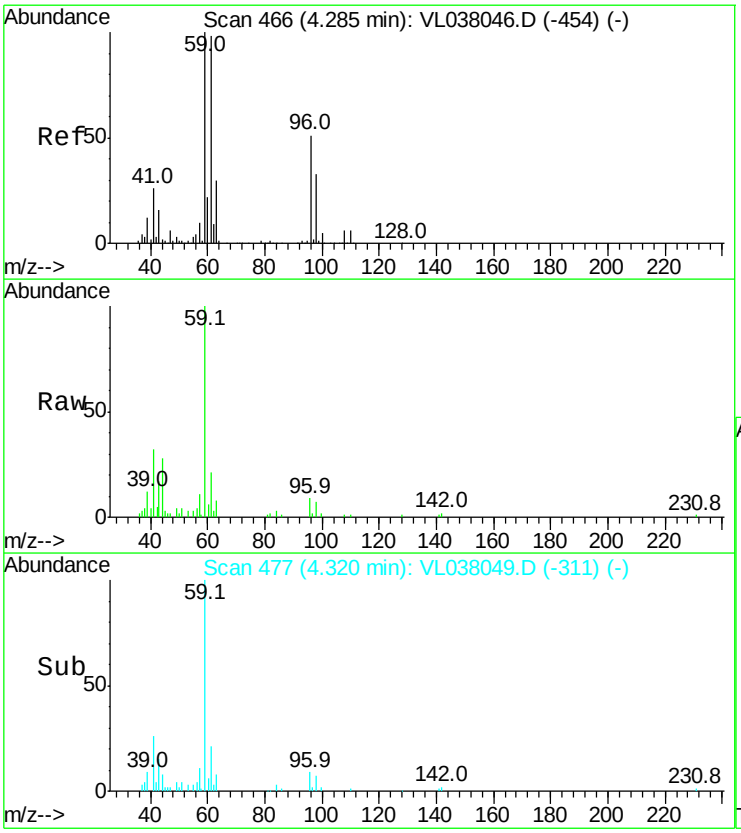
#16
1,3-Butadiene
Concen: 0.357 ppbv
RT: 3.33
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 39 Resp: 28938

Ion	Ratio	Lower	Upper
39	100		
54	88.6	64.4	96.6

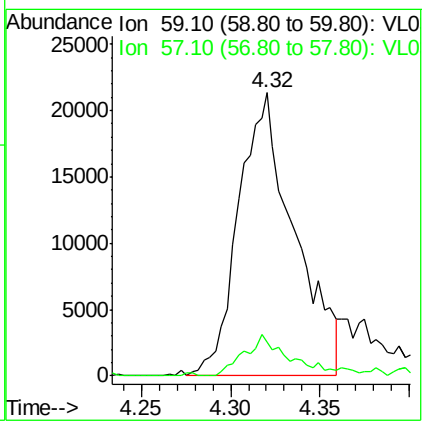


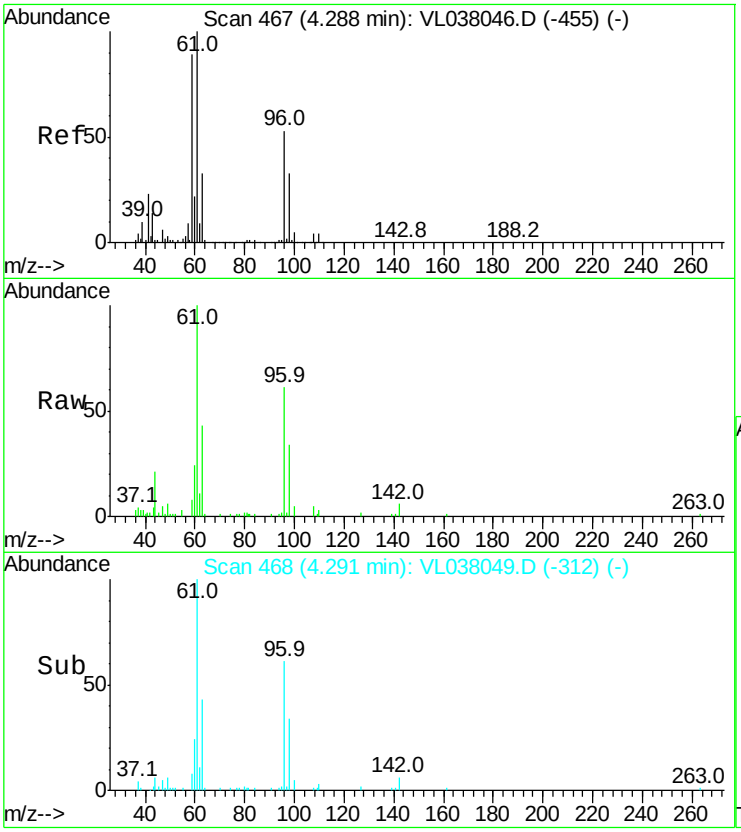


#17
tert-Butyl alcohol
Concen: 0.316 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.04 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 59 Resp: 46455

Ion	Ratio	Lower	Upper
59	100		
57	12.5	8.6	13.0



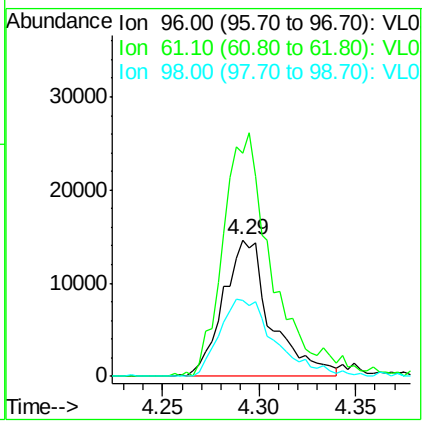


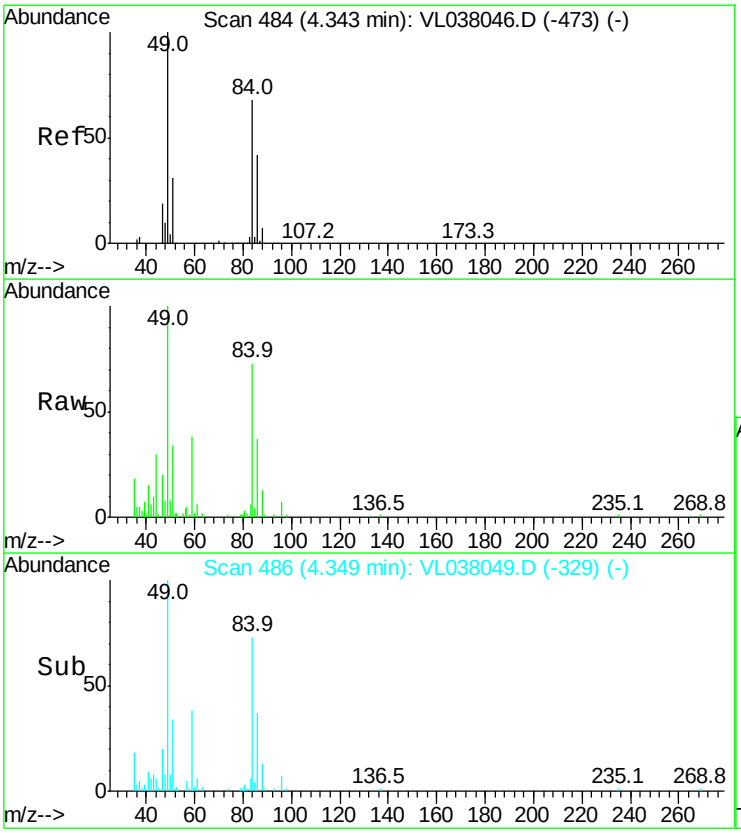
#18
1,1-Dichloroethene
Concen: 0.375 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 25089

Ion	Ratio	Lower	Upper
96	100		
61	160.0	149.8	224.8
98	55.5	50.2	75.2

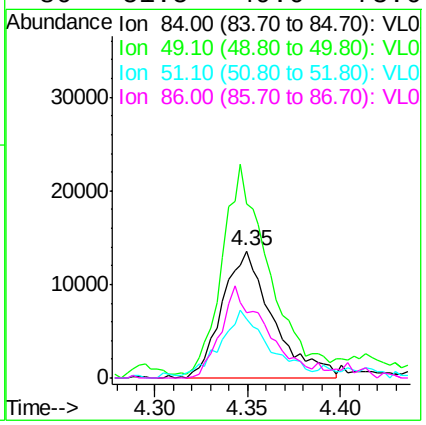


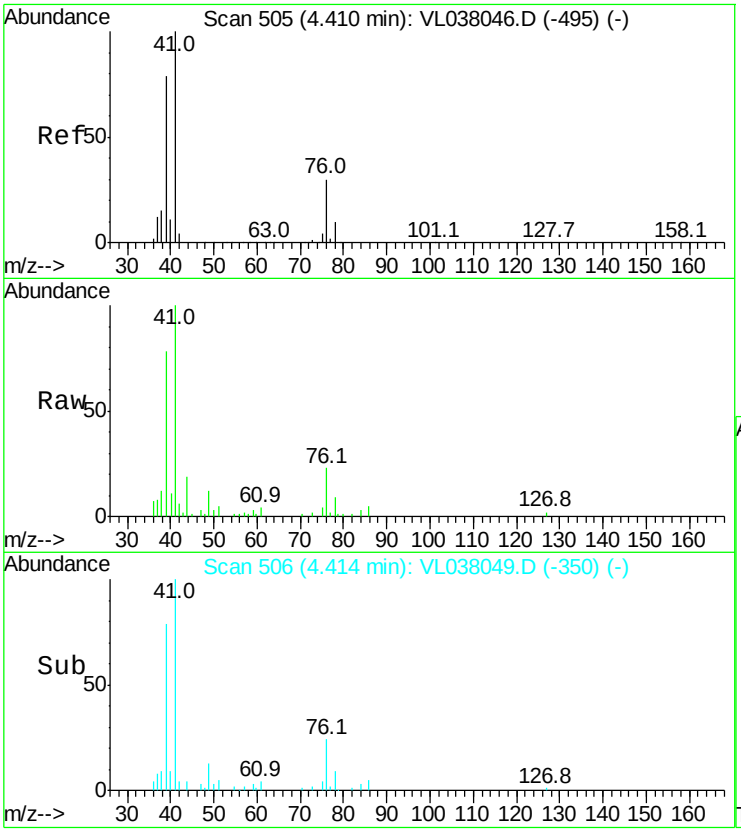


#20
Methylene Chloride
Concen: 0.399 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 84 Resp: 25649

Ion	Ratio	Lower	Upper
84	100		
49	134.6	118.2	177.2
51	42.9	36.8	55.2
86	51.5	49.0	73.6



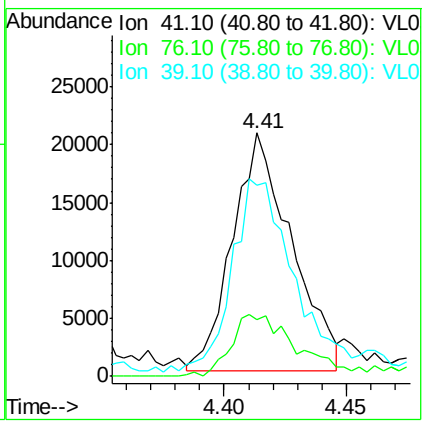


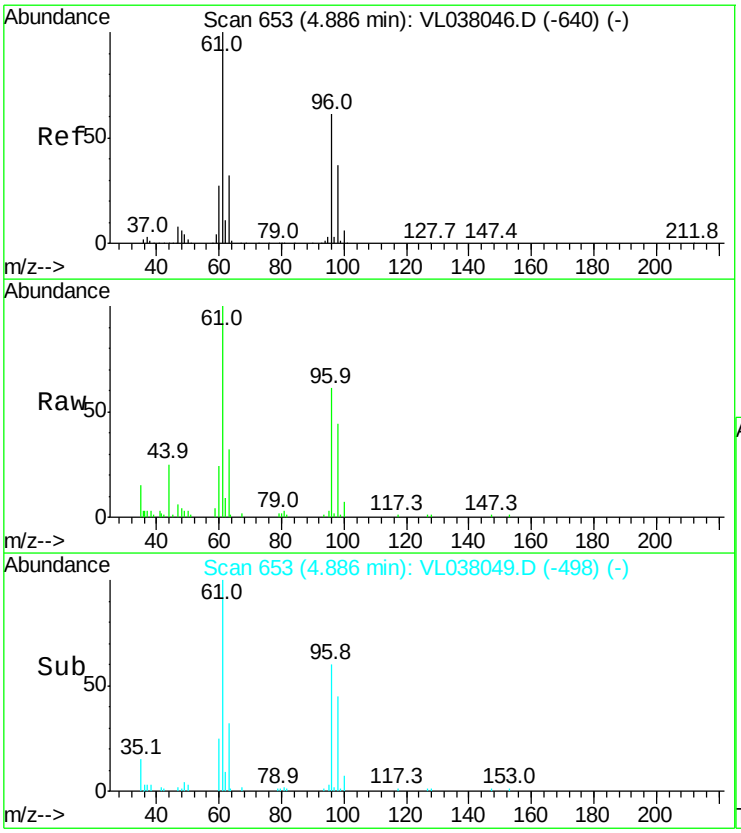
#21
Allyl Chloride
Concen: 0.314 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 34429

Ion	Ratio	Lower	Upper
41	100		
76	31.9	24.6	36.8
39	100.8	63.4	95.0#

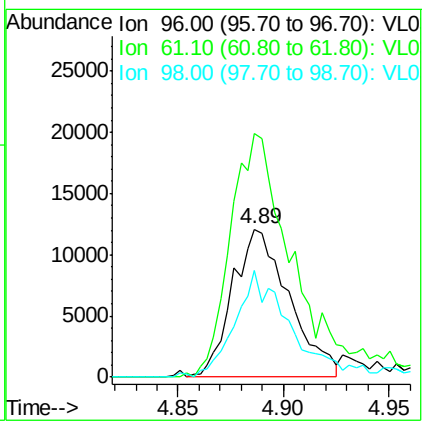


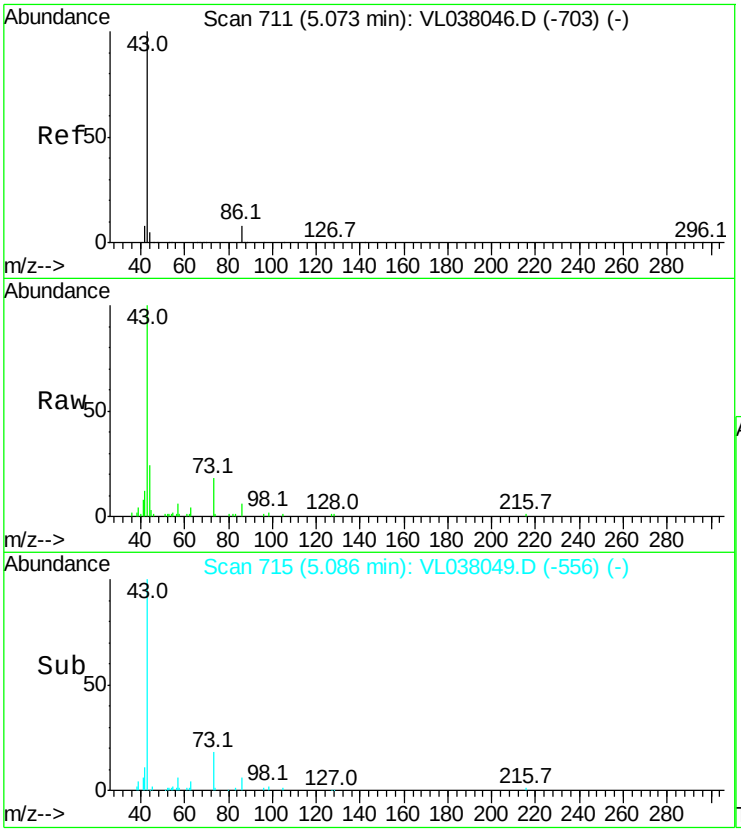


#22
trans-1,2-Dichloroethene
Concen: 0.333 ppbv
RT: 4.89 min Scan# 653
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 96 Resp: 22517

Ion	Ratio	Lower	Upper
96	100		
61	161.8	131.6	197.4
98	70.3	48.4	72.6



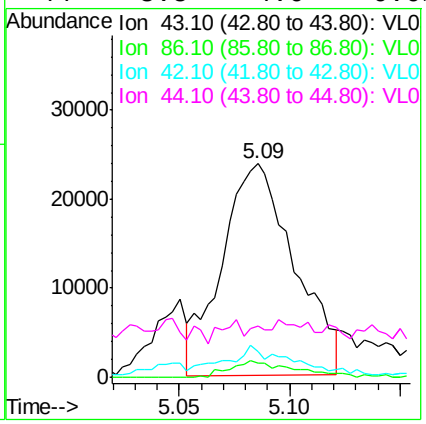


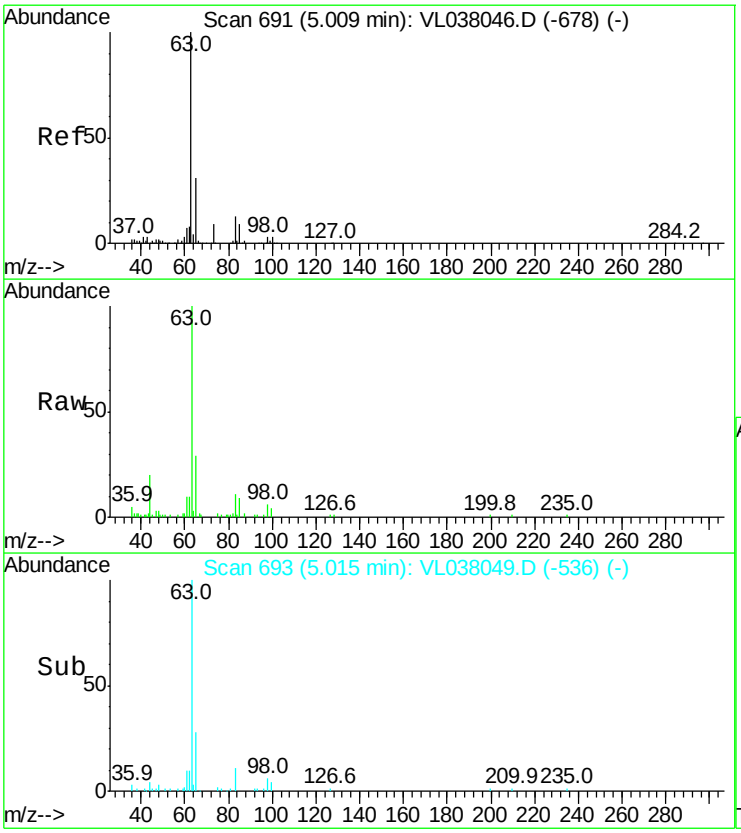
#23
Vinyl Acetate
Concen: 0.301 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 54563

Ion	Ratio	Lower	Upper
43	100		
86	8.3	5.3	7.9#
42	11.2	7.0	10.6#
44	8.5	4.0	6.0#

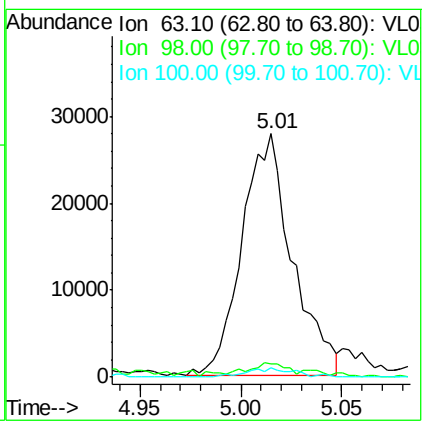


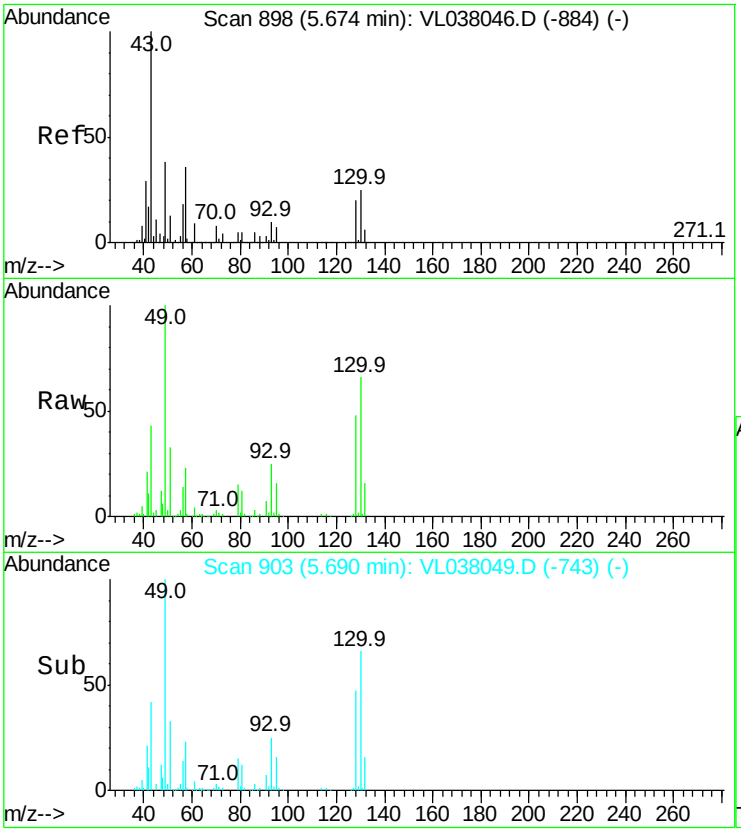


#24
1,1-Dichloroethane
Concen: 0.344 ppbv
RT: 5.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 63 Resp: 48605

Ion	Ratio	Lower	Upper
63	100		
98	3.9	1.8	5.4
100	3.7	1.4	4.0



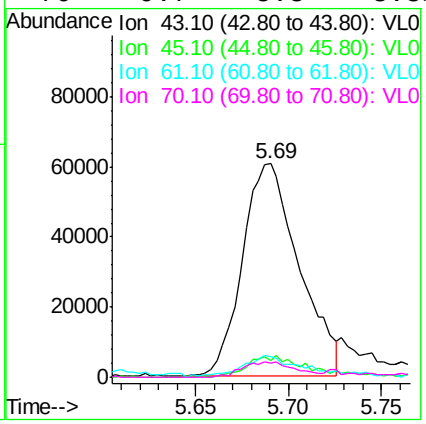


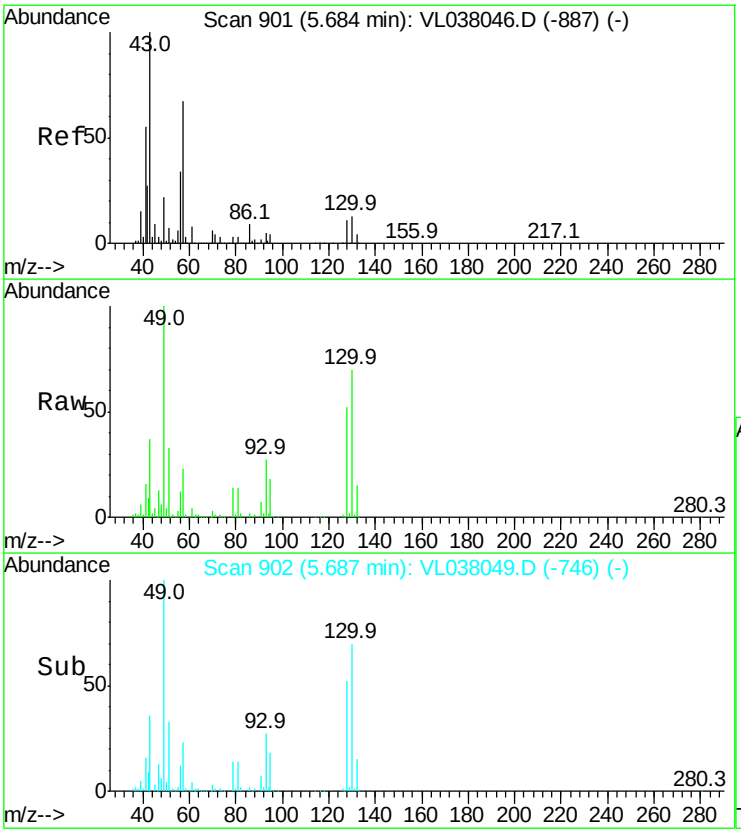
#25
Ethyl Acetate
Concen: 0.501 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 129010

Ion	Ratio	Lower	Upper
43	100		
45	11.4	7.9	11.9
61	11.8	7.8	11.6#
70	9.7	5.8	8.8#

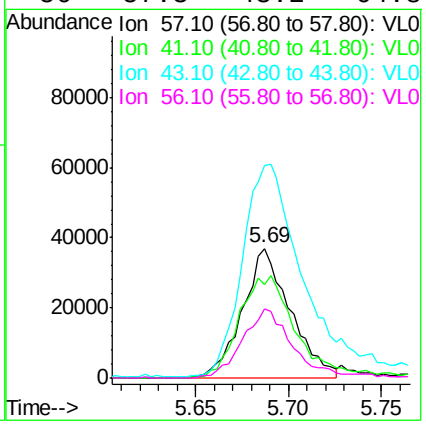


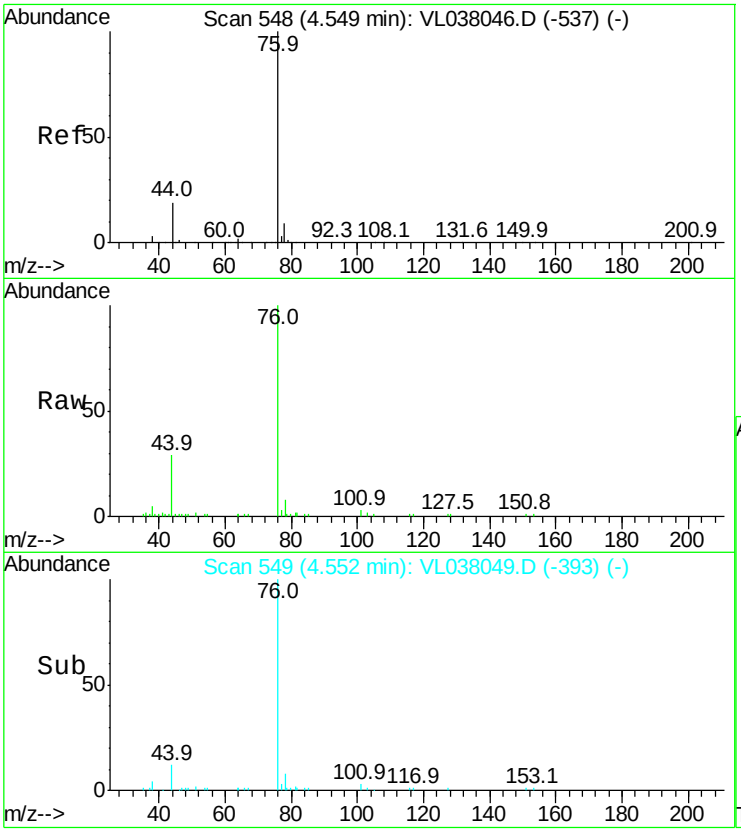


#26
Hexane
Concen: 0.516 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 57 Resp: 66687

Ion	Ratio	Lower	Upper
57	100		
41	97.8	71.4	107.2
43	222.2	174.6	261.8
56	57.3	43.2	64.8



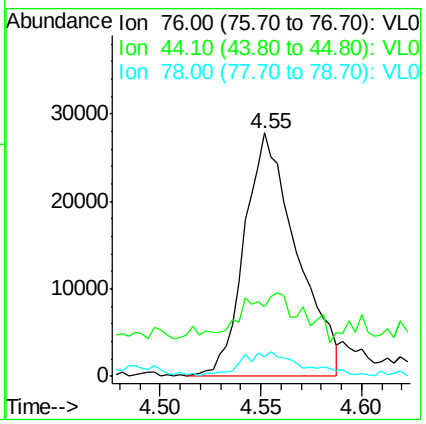


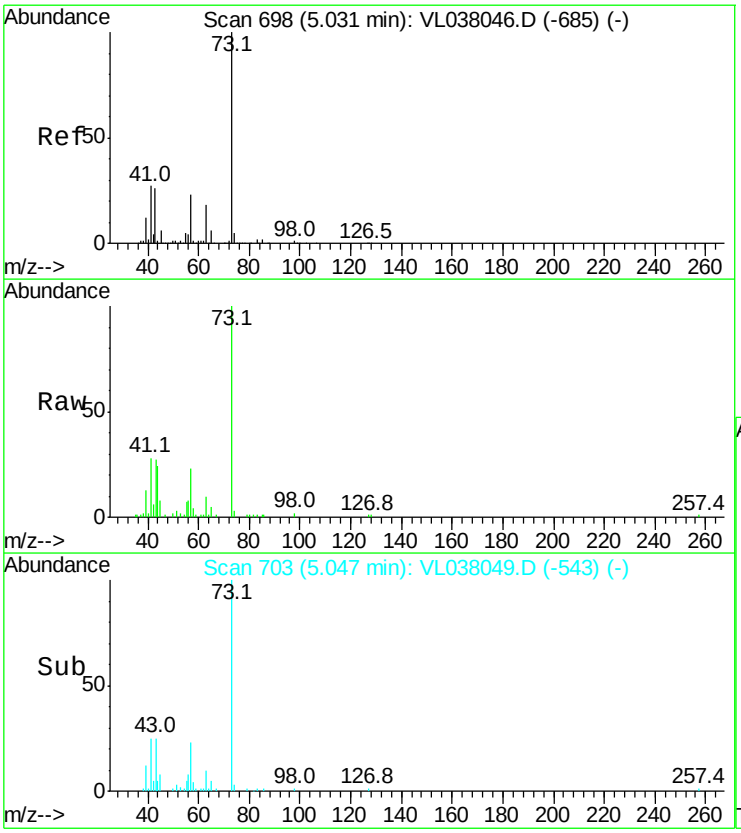
#27
Carbon Disulfide
Concen: 0.298 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 76 Resp: 50536

Ion	Ratio	Lower	Upper
76	100		
44	31.3	14.9	22.3#
78	12.4	7.6	11.4#

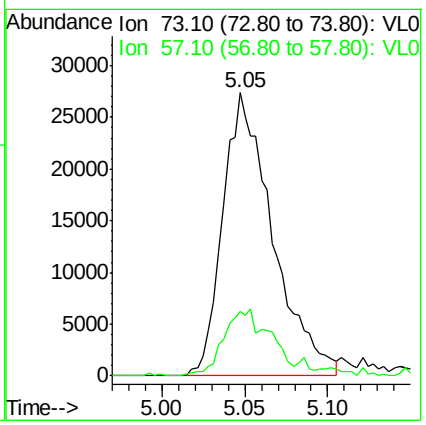


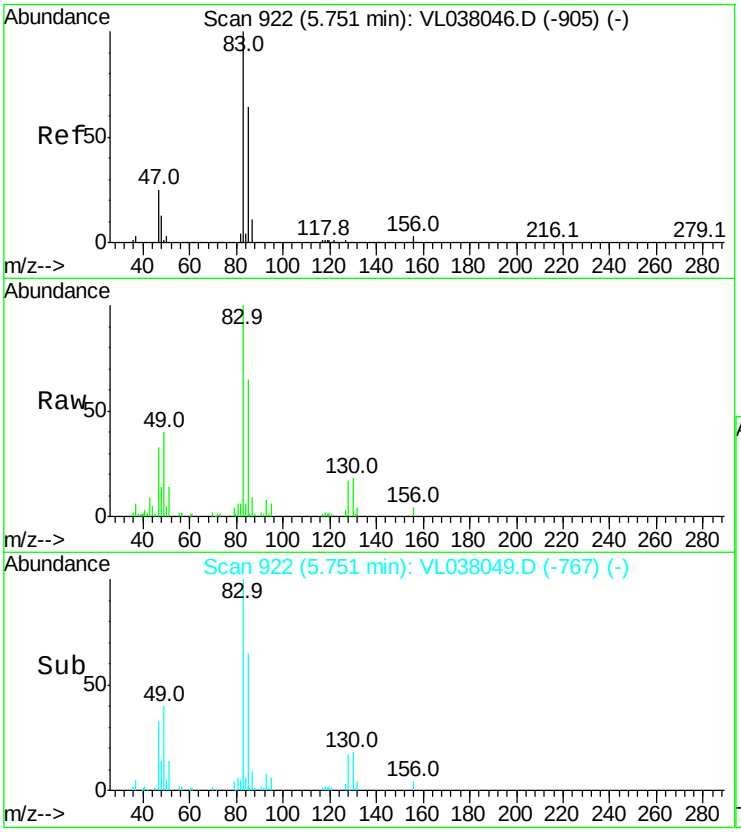


#28
Methyl tert-Butyl Ether
Concen: 0.344 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.02 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 73 Resp: 57100

Ion	Ratio	Lower	Upper
73	100		
57	24.7	19.0	28.4



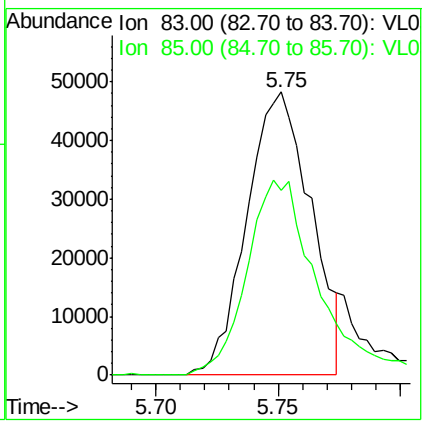


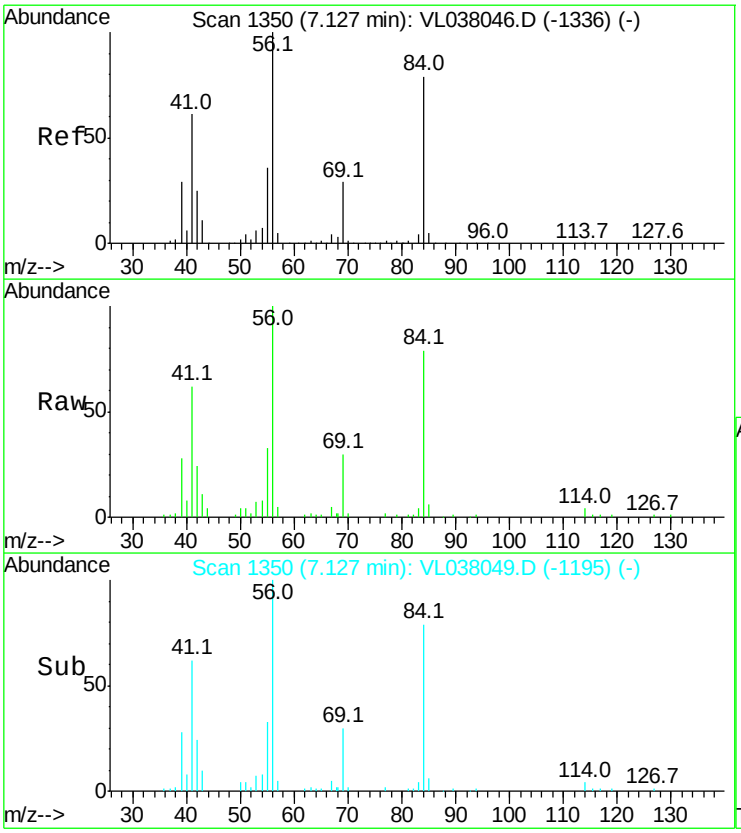
#29
Chloroform
Concen: 0.450 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 87759

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.0	76.6

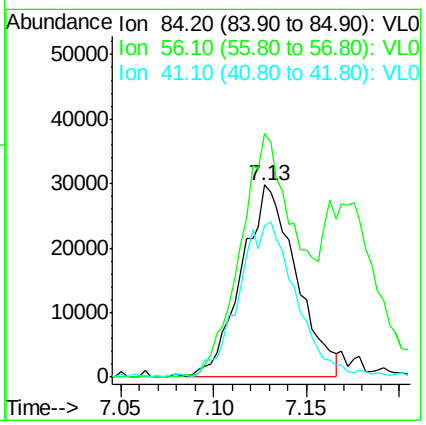


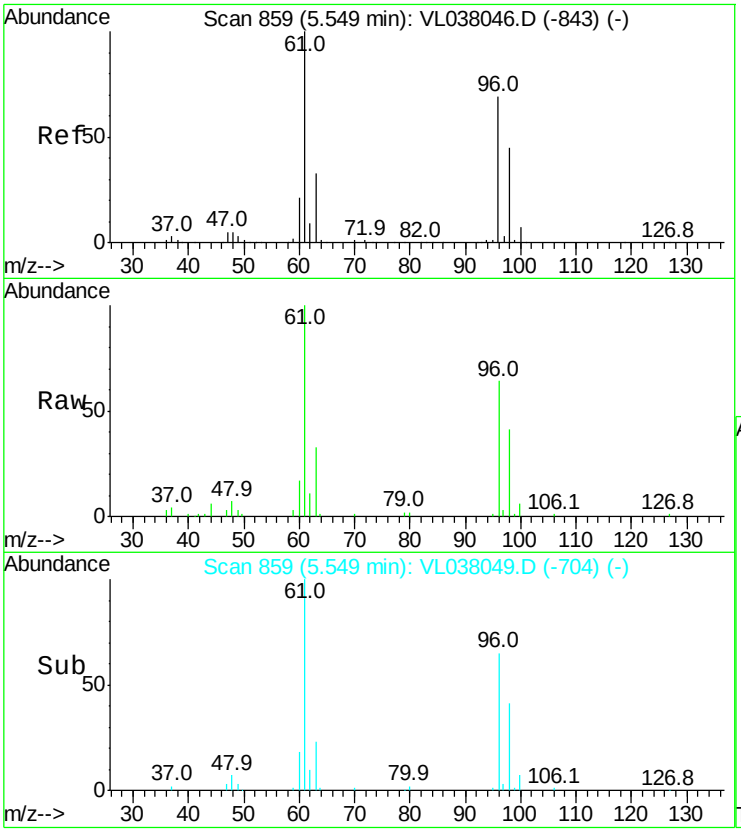


#30
Cyclohexane
Concen: 0.418 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 84 Resp: 60957

Ion	Ratio	Lower	Upper
84	100		
56	125.7	108.1	162.1
41	87.2	64.4	96.6



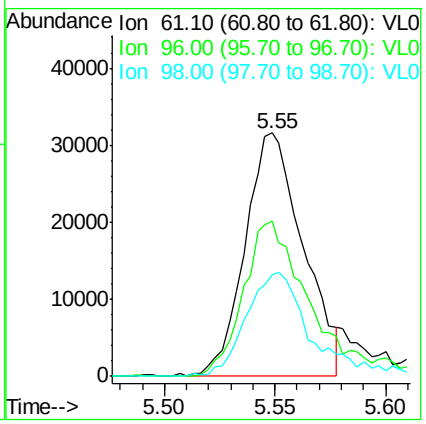


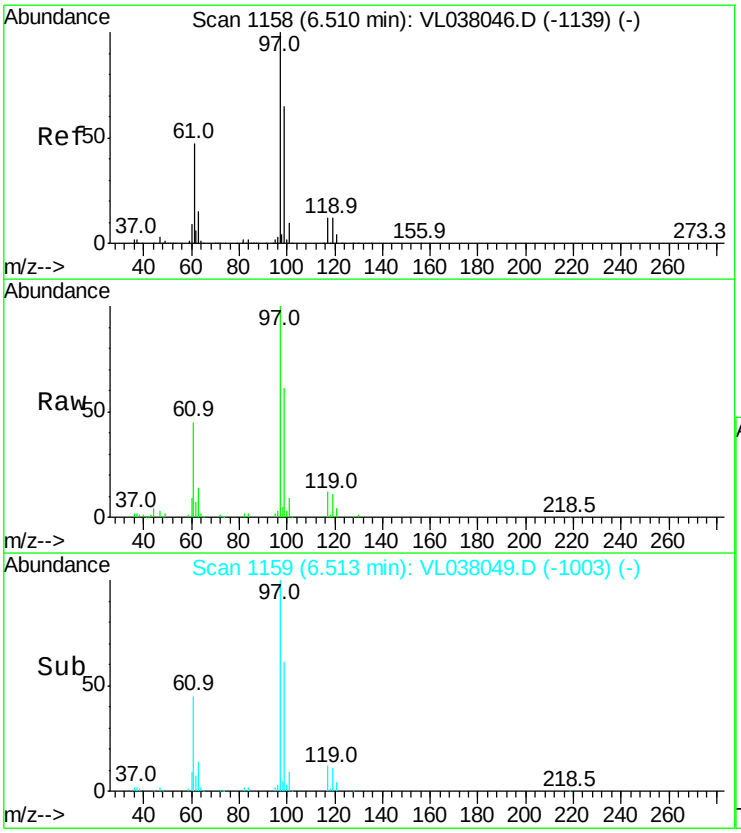
#31
cis-1,2-Dichloroethene
Concen: 0.539 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 61 Resp: 57739

Ion	Ratio	Lower	Upper
61	100		
96	63.9	55.4	83.2
98	41.5	35.7	53.5

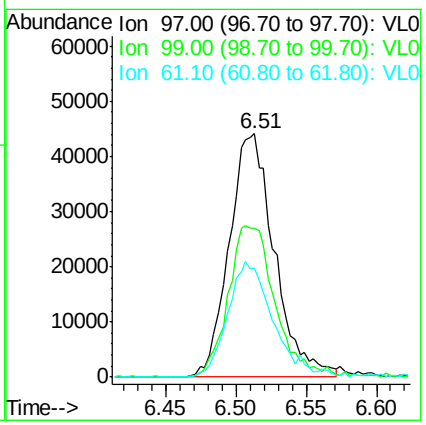


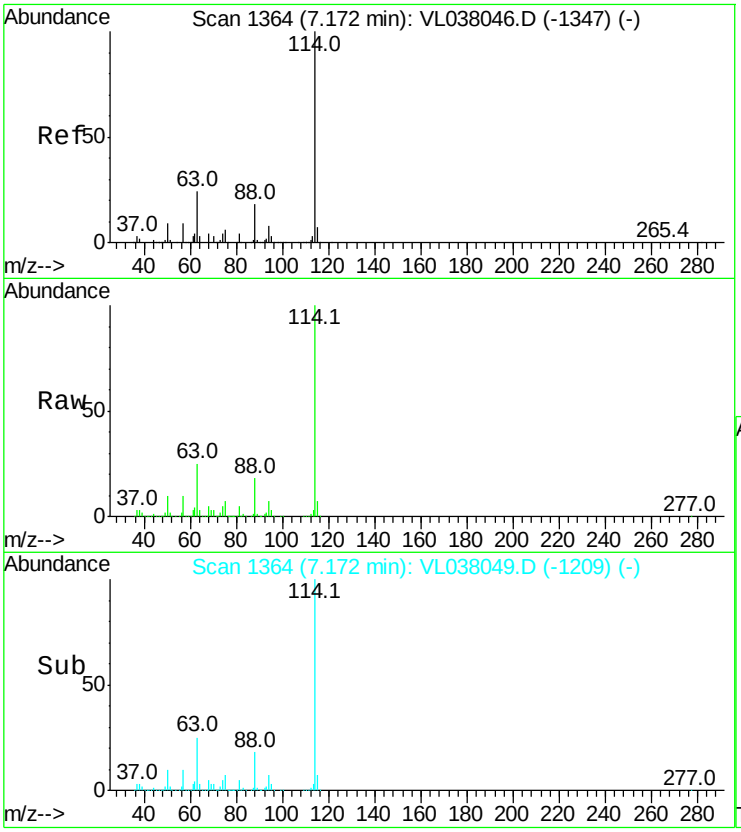


#32
1,1,1-Trichloroethane
Concen: 0.400 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. 0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 97 Resp: 98892

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.2	78.4
61	47.8	37.7	56.5



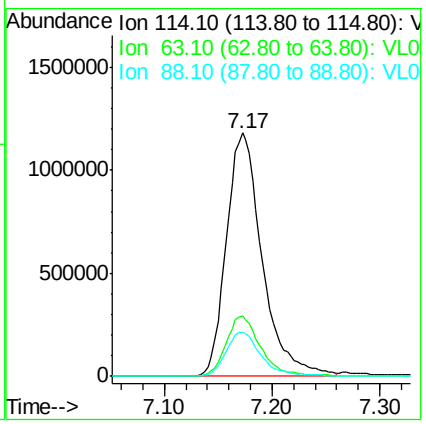


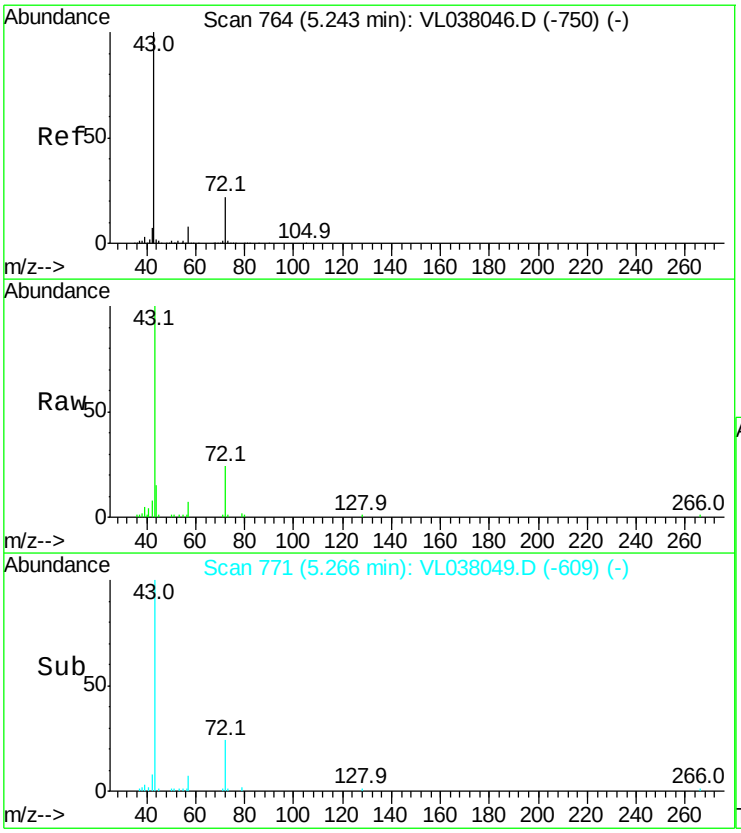
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:114 Resp: 2732058

Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.7	29.5
88	18.2	14.4	21.6

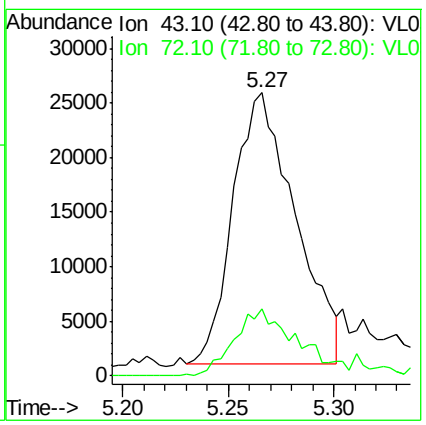


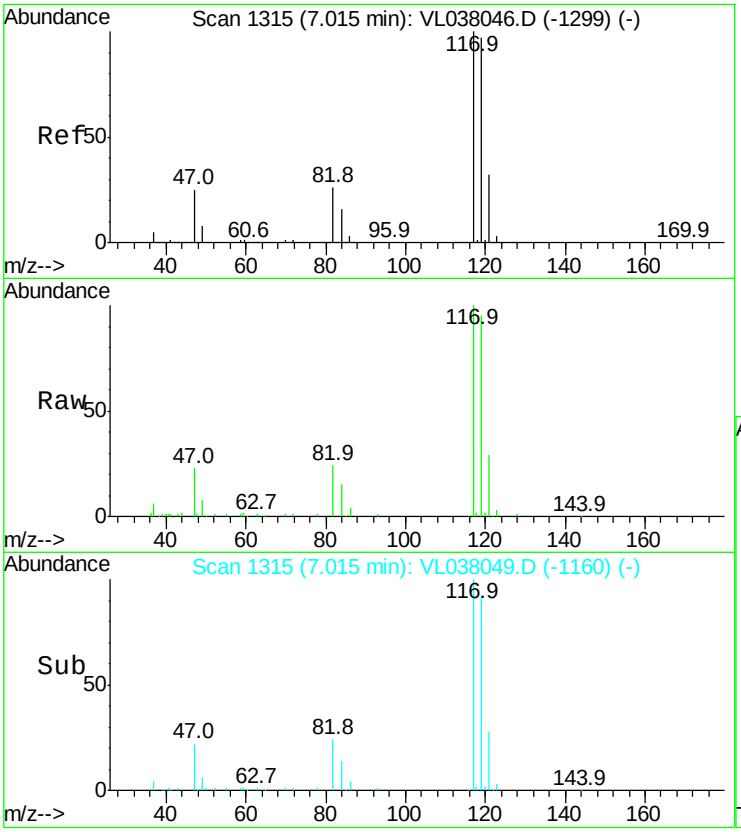


#34
2-Butanone
Concen: 0.563 ppbv
RT: 5.27 min Scan# 771
Delta R.T. 0.02 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 43 Resp: 50777

Ion	Ratio	Lower	Upper
43	100		
72	27.9	18.8	28.2



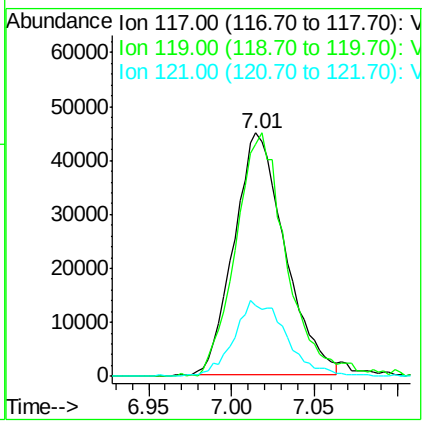


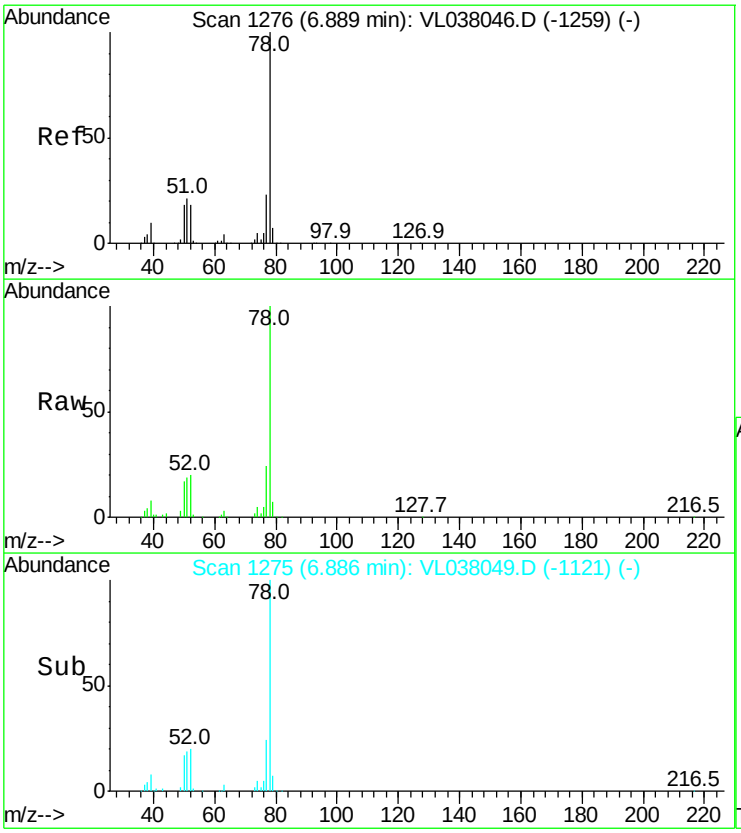
#35
Carbon Tetrachloride
Concen: 0.510 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 96269

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.7	116.5
121	28.9	25.6	38.4

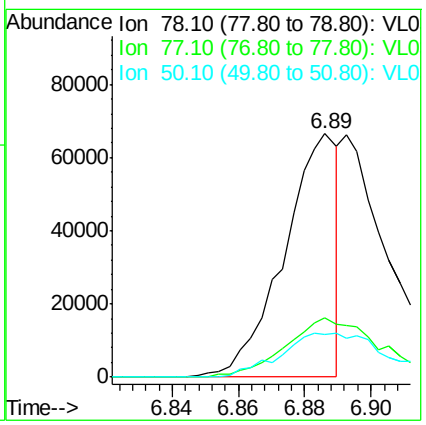


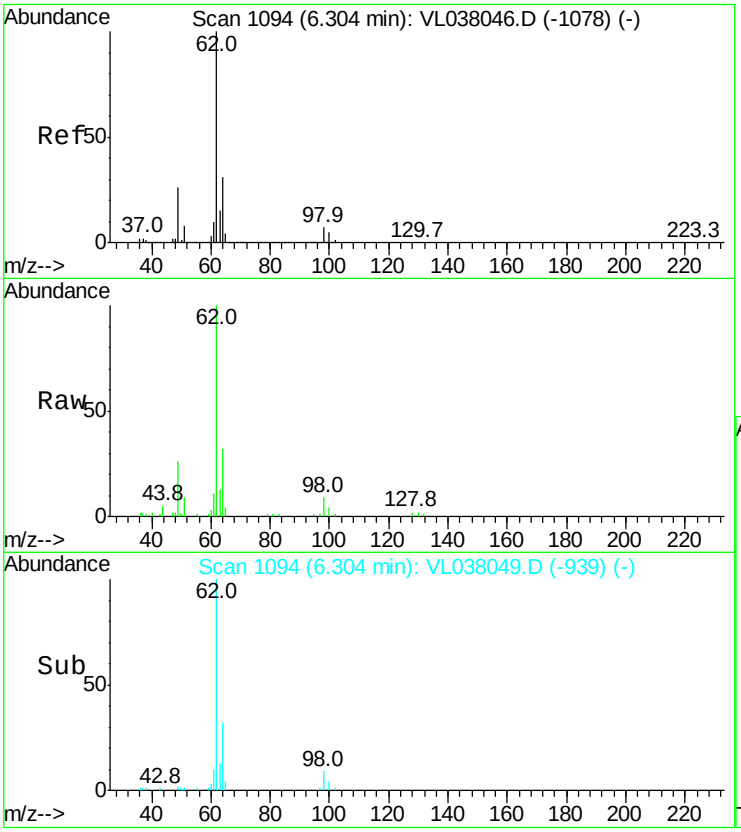


#36
Benzene
Concen: 0.289 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 78 Resp: 75230

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.2	27.4
50	17.5	14.7	22.1



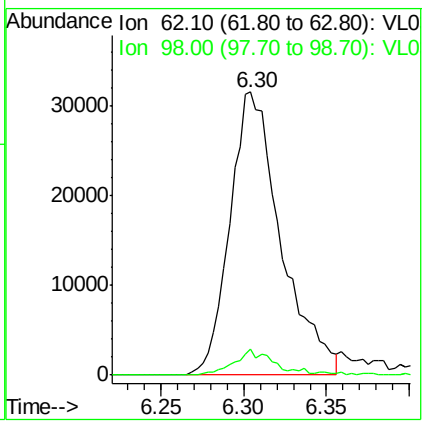


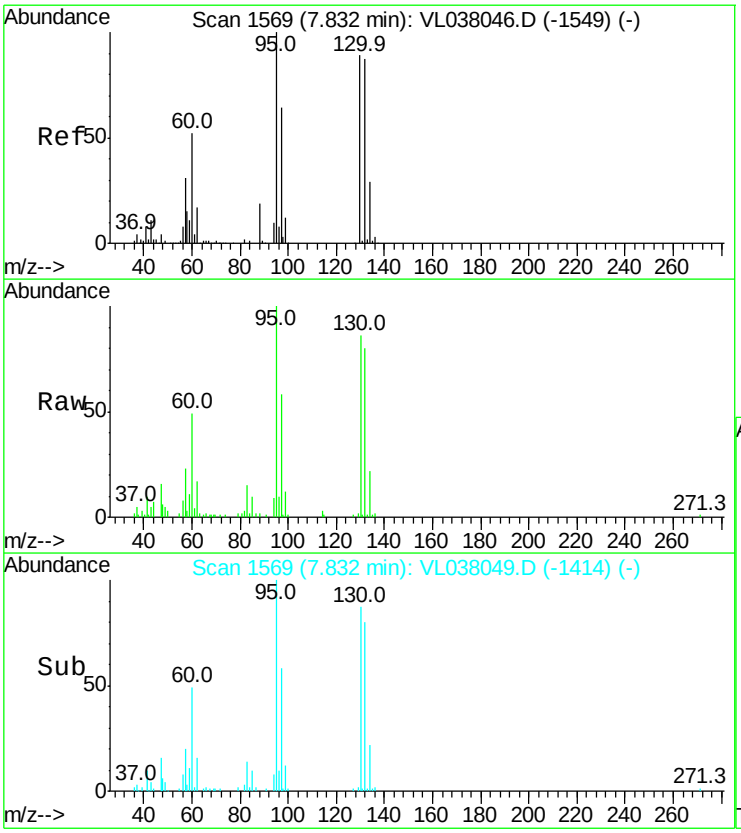
#37
1,2-Dichloroethane
Concen: 0.560 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 67528

Ion	Ratio	Lower	Upper
62	100		
98	7.5	5.8	8.6

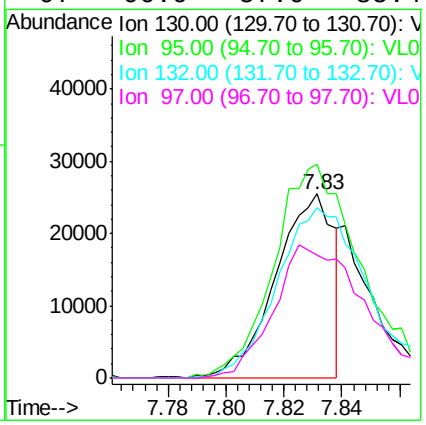


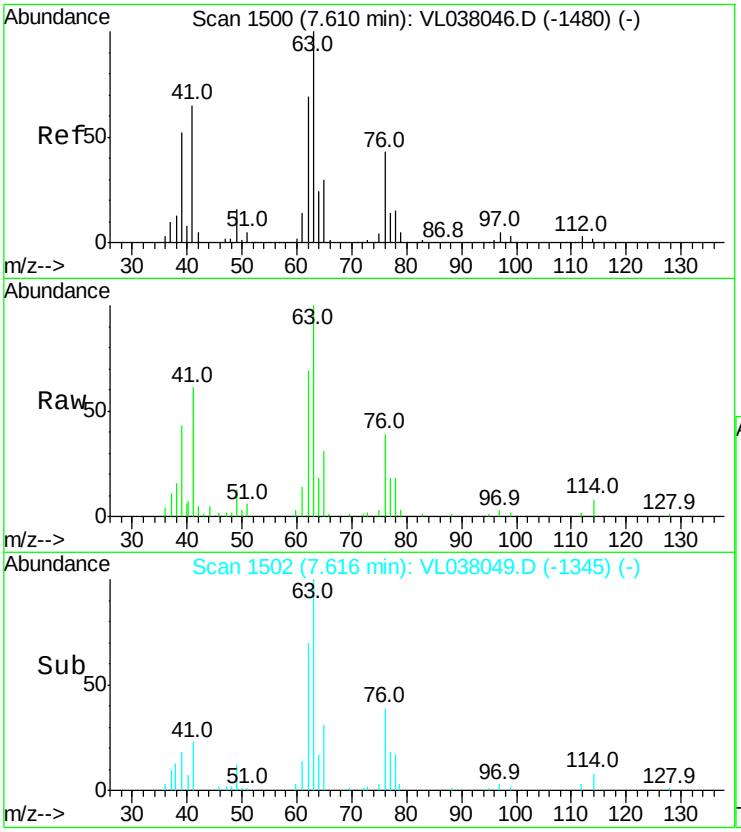


#38
Trichloroethene
Concen: 0.335 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:130 Resp: 35403

Ion	Ratio	Lower	Upper
130	100		
95	116.0	89.4	134.2
132	92.3	78.2	117.2
97	66.9	57.0	85.4



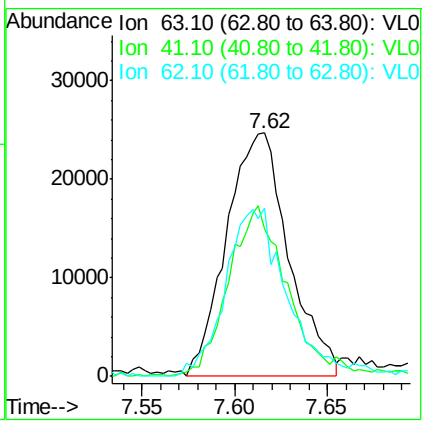


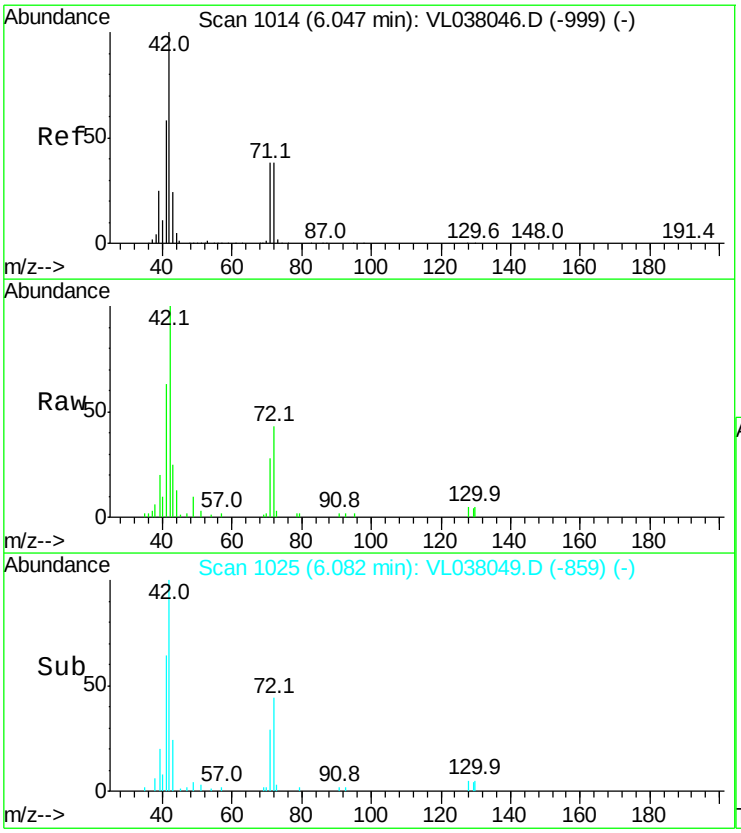
#39
1,2-Dichloropropane
Concen: 0.574 ppbv
RT: 7.62
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 57649

Ion	Ratio	Lower	Upper
63	100		
41	58.9	52.3	78.5
62	63.6	55.1	82.7

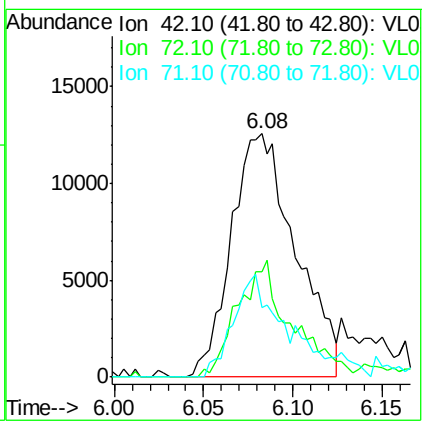


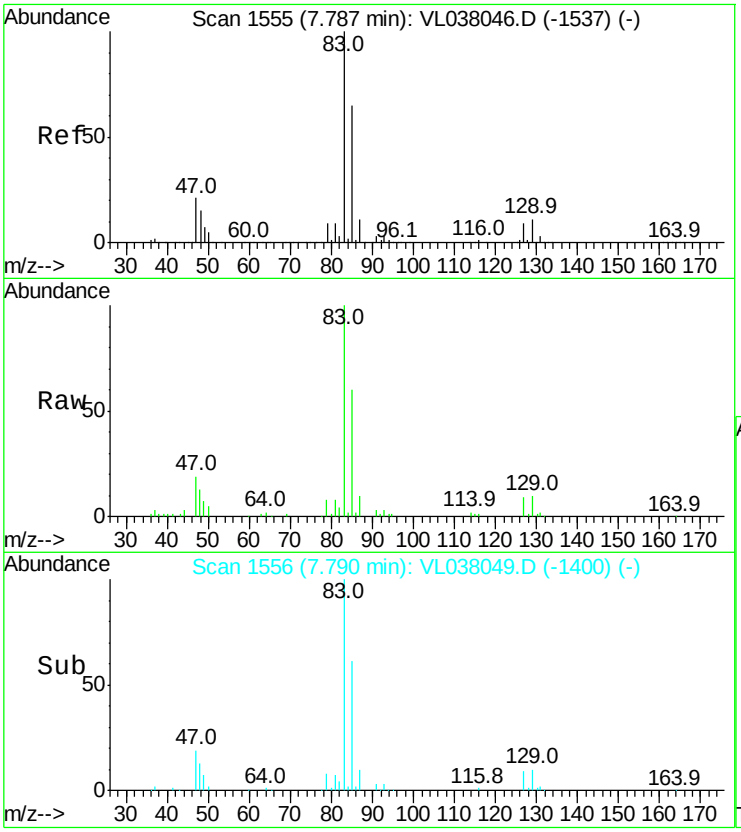


#41
Tetrahydrofuran
Concen: 0.489 ppbv
RT: 6.08 min Scan# 1025
Delta R.T. 0.04 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 42 Resp: 31614

Ion	Ratio	Lower	Upper
42	100		
72	45.3	31.7	47.5
71	36.8	30.6	46.0



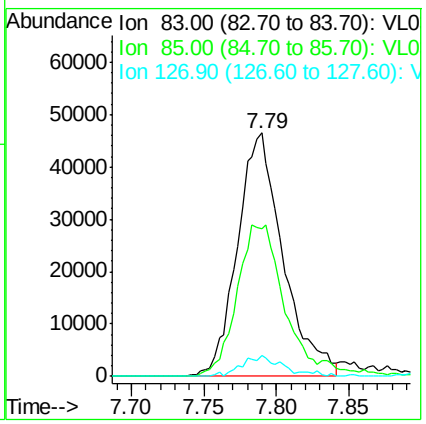


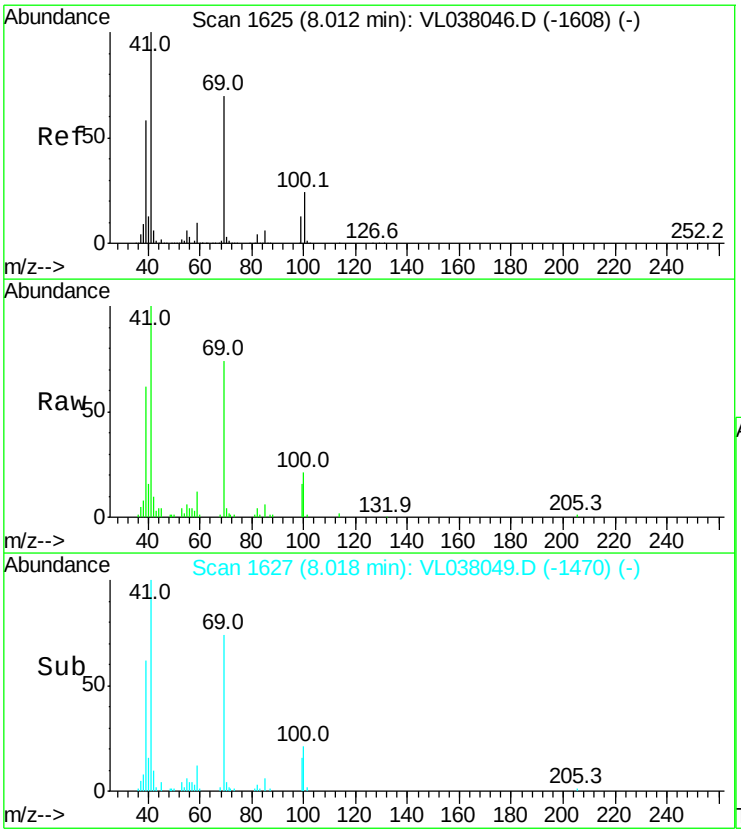
#42
Bromodichloromethane
Concen: 0.535 ppbv
RT: 7.79
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 101637

Ion	Ratio	Lower	Upper
83	100		
85	60.4	51.9	77.9
127	8.5	6.8	10.2

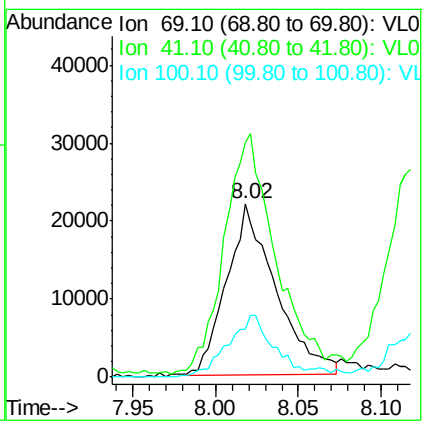


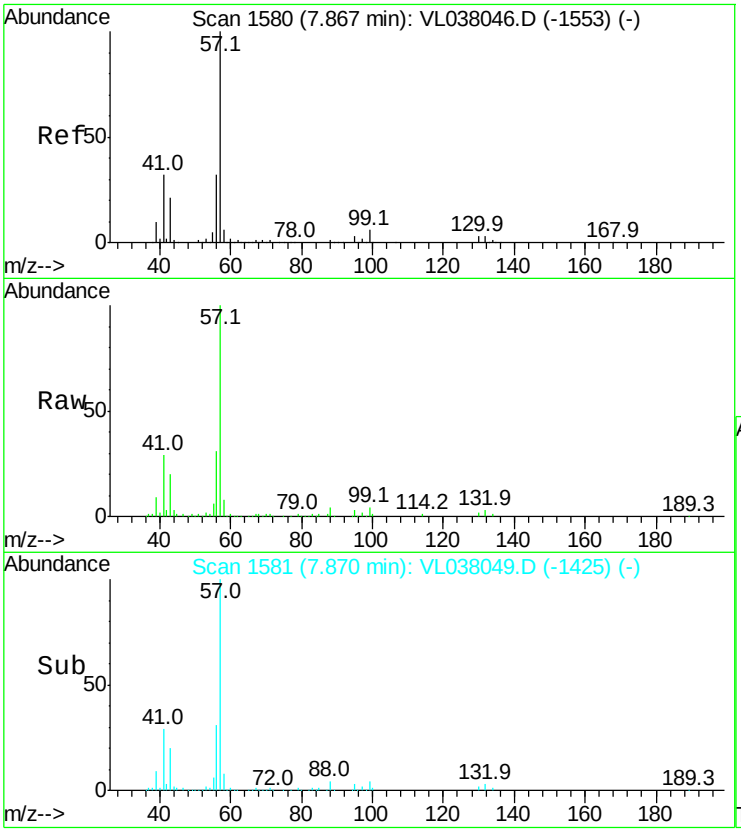


#43
Methyl Methacrylate
Concen: 0.491 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 69 Resp: 45499

Ion	Ratio	Lower	Upper
69	100		
41	155.3	116.7	175.1
100	36.0	27.3	40.9



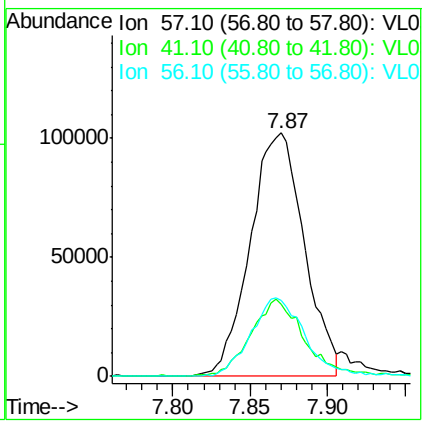


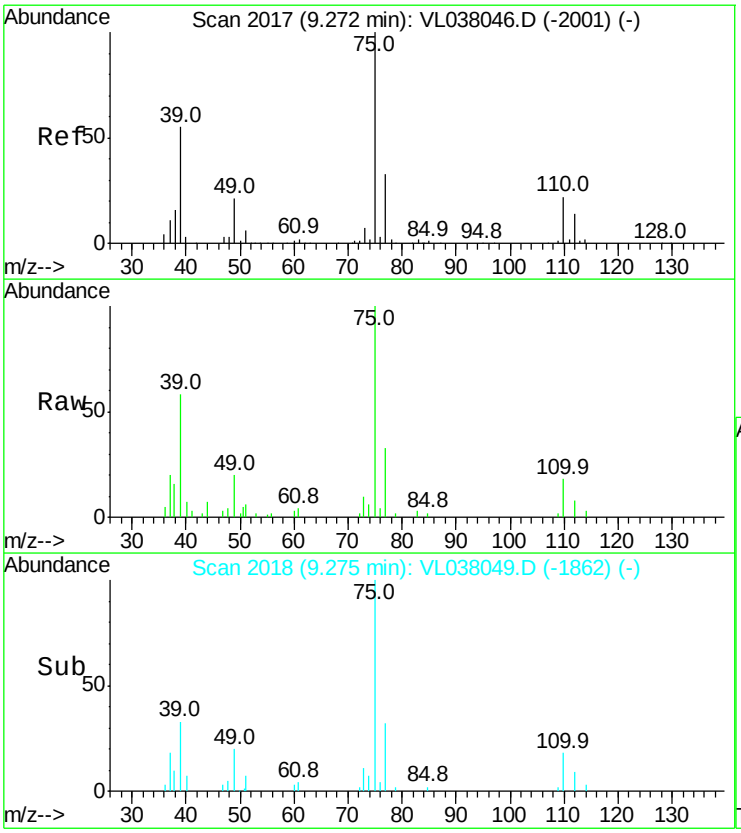
#44
2,2,4-Trimethylpentane
Concen: 0.557 ppbv
RT: 7.87
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 57 Resp: 248673

Ion	Ratio	Lower	Upper
57	100		
41	32.1	25.8	38.6
56	32.7	25.6	38.4

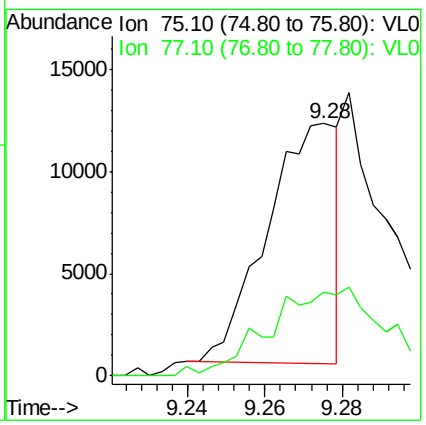


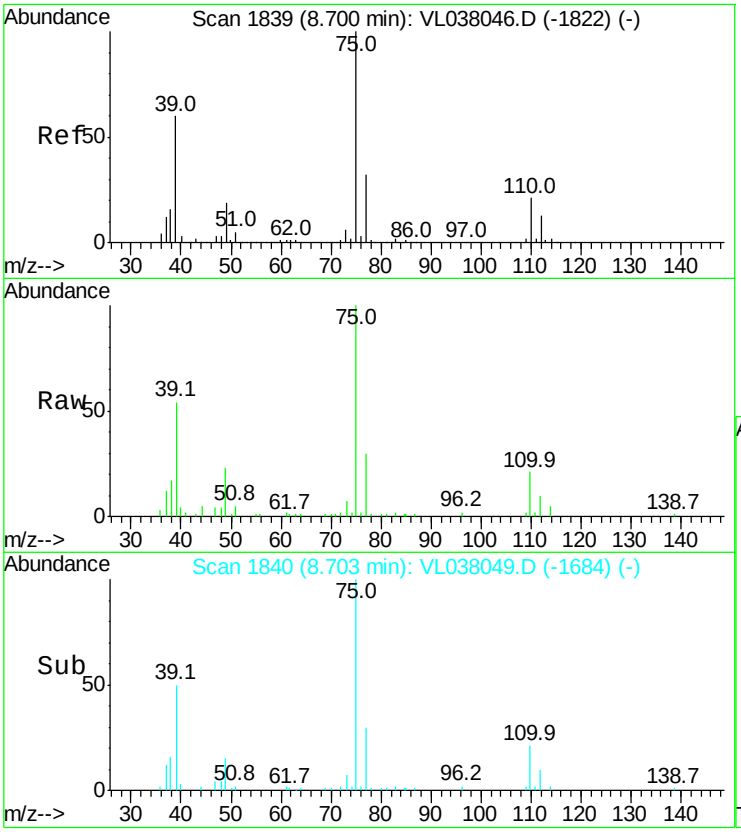


#45
t-1,3-Dichloropropene
Concen: 0.194 ppbv
RT: 9.28 min Scan# 2018
Delta R.T. 0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 75 Resp: 14931

Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.2	39.4



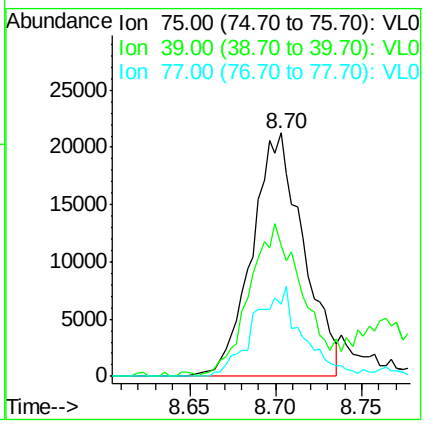


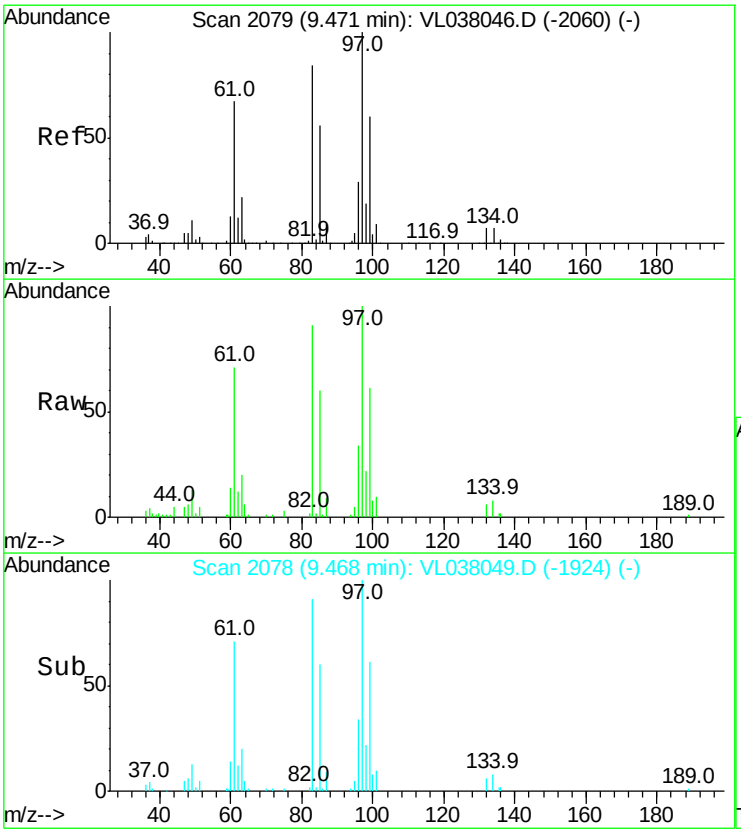
#46
cis-1,3-Dichloropropene
Concen: 0.441 ppbv
RT: 8.70
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 44235

Ion	Ratio	Lower	Upper
75	100		
39	51.2	47.8	71.8
77	29.6	25.5	38.3

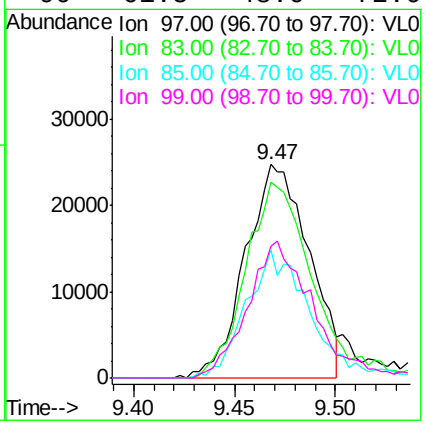


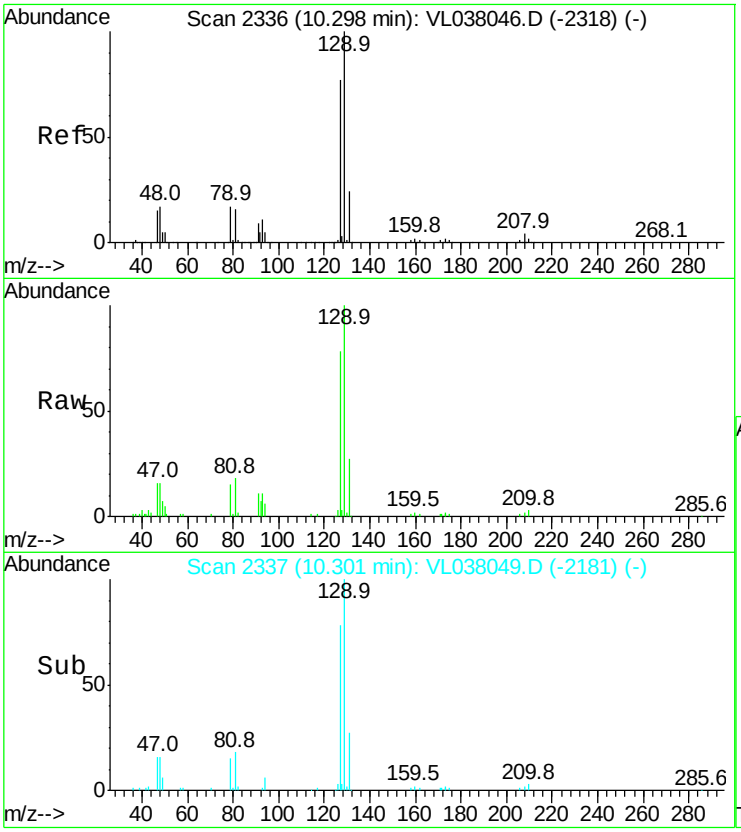


#47
1,1,2-Trichloroethane
Concen: 0.530 ppbv
RT: 9.47 min Scan# 2078
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 97 Resp: 54075

Ion	Ratio	Lower	Upper
97	100		
83	91.5	66.8	100.2
85	60.1	44.9	67.3
99	61.5	48.0	72.0



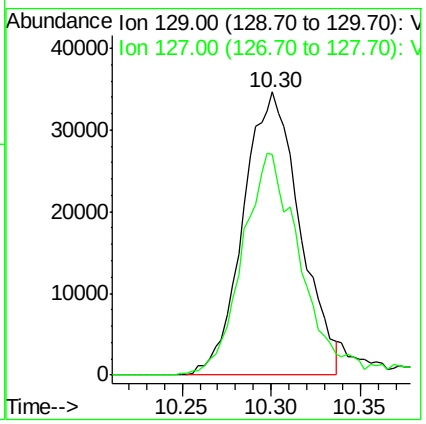


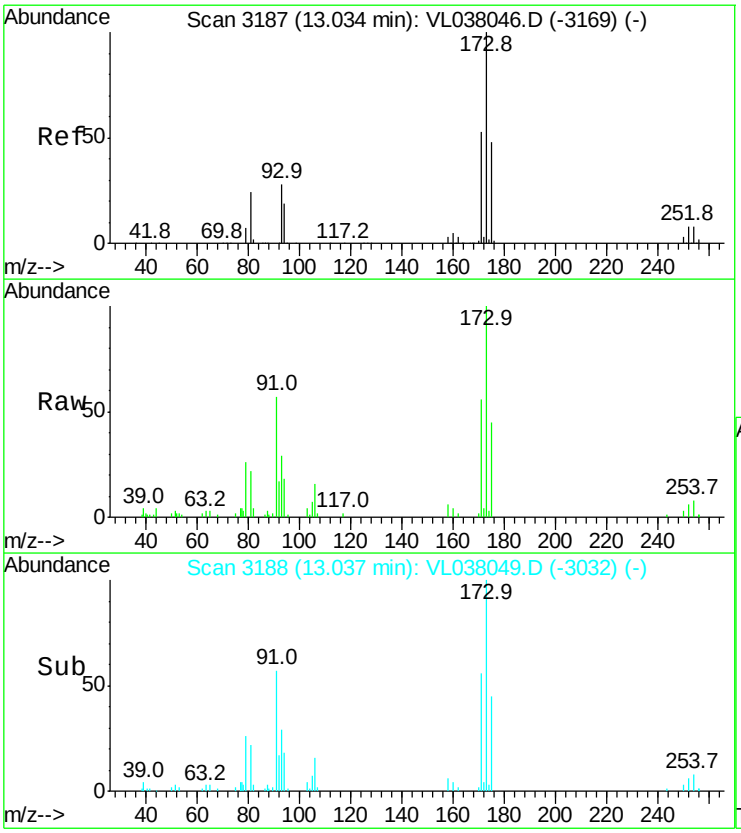
#48
Dibromochloromethane
Concen: 0.464 ppbv
RT: 10.30
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:129 Resp: 76907

Ion	Ratio	Lower	Upper
129	100		
127	83.6	39.4	118.1

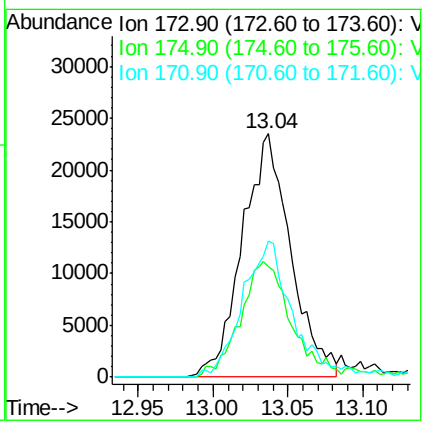


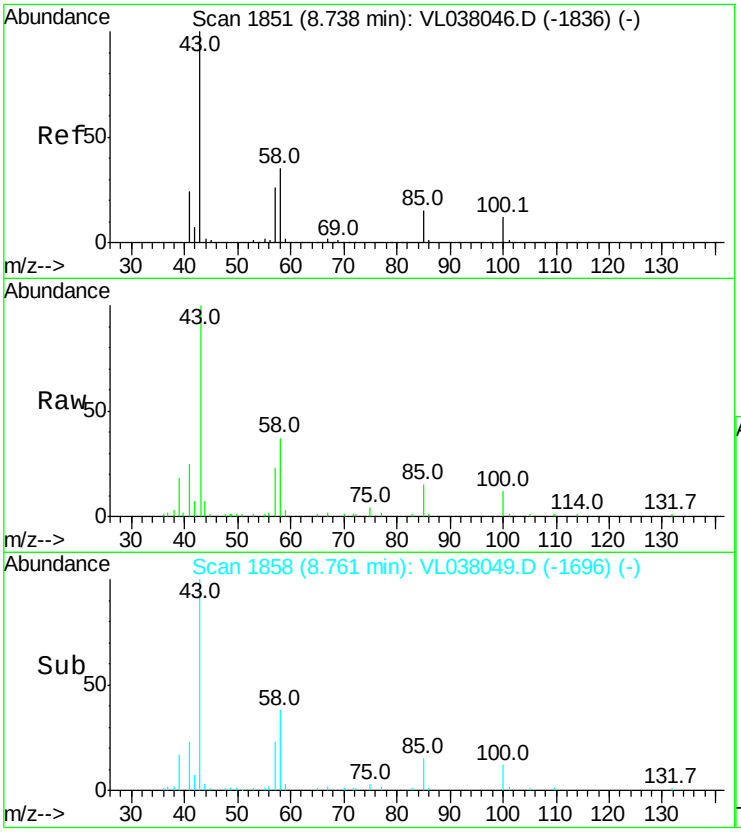


#49
Bromoform
Concen: 0.413 ppbv
RT: 13.04 min Scan# 3188
Delta R.T. 0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:173 Resp: 52895

Ion	Ratio	Lower	Upper
173	100		
175	52.5	42.5	63.7
171	59.4	44.0	66.0



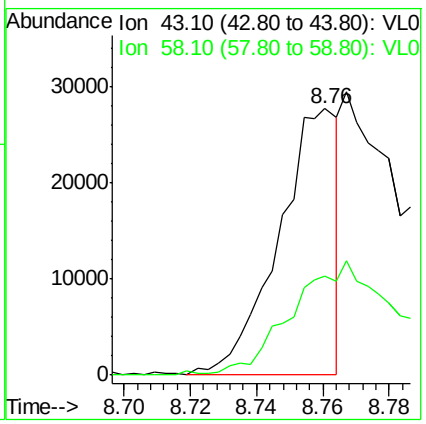


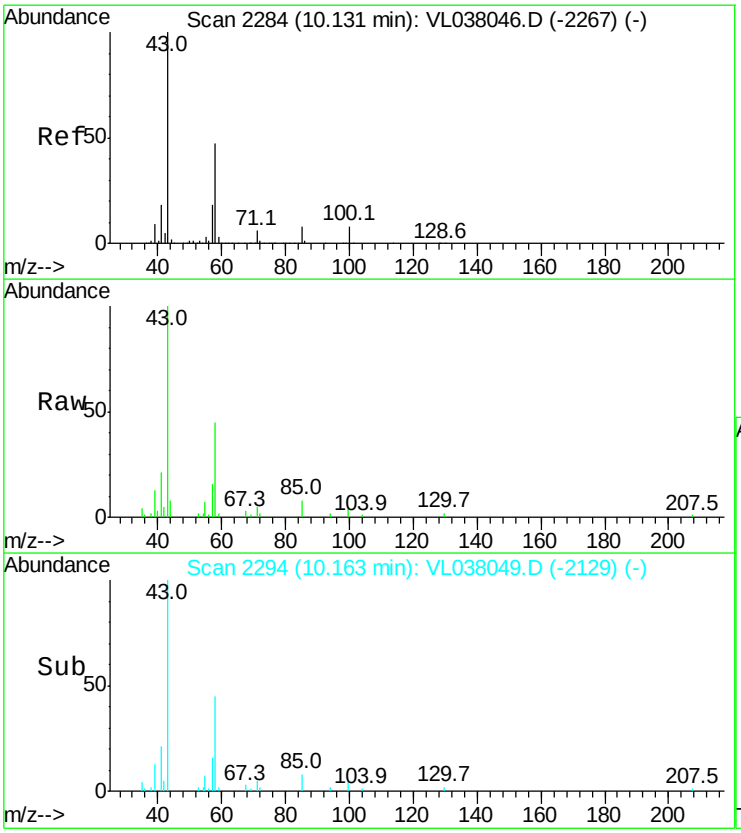
#50
4-Methyl-2-Pentanone
Concen: 0.211 ppbv
RT: 8.76
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 34338

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.2#

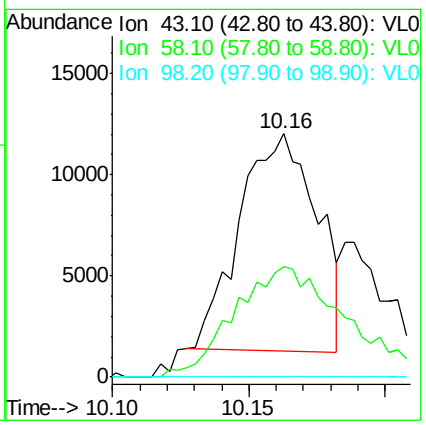


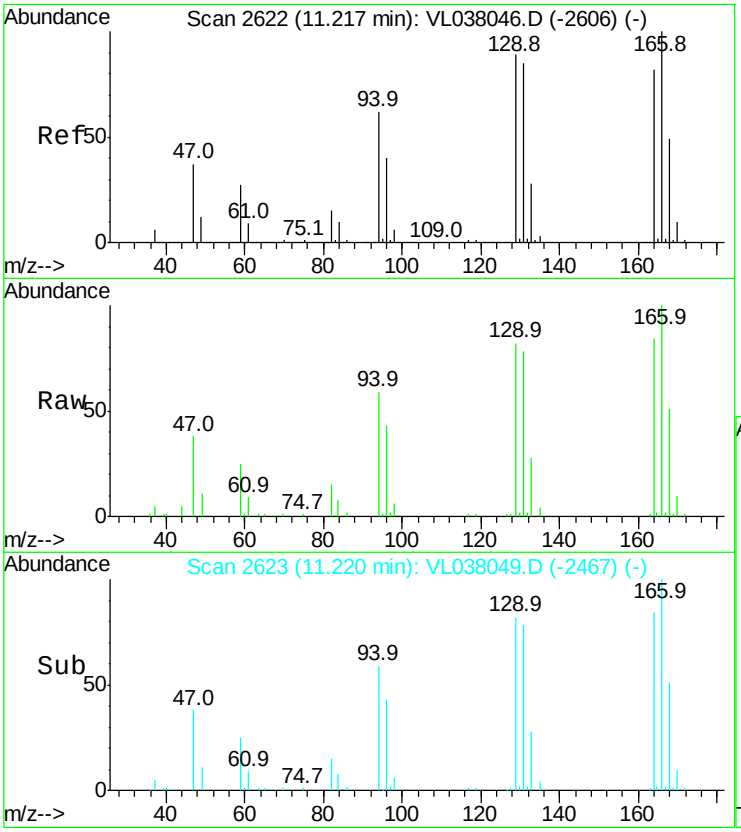


#51
2-Hexanone
Concen: 0.277 ppbv
RT: 10.16 min Scan# 2294
Delta R.T. 0.03 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 43 Resp: 20980

Ion	Ratio	Lower	Upper
43	100		
58	75.8	41.1	61.7#
98	0.2	0.1	0.1#



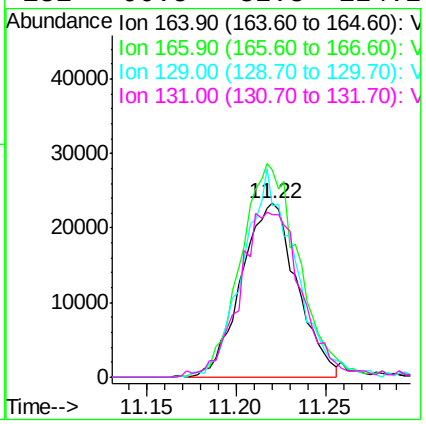


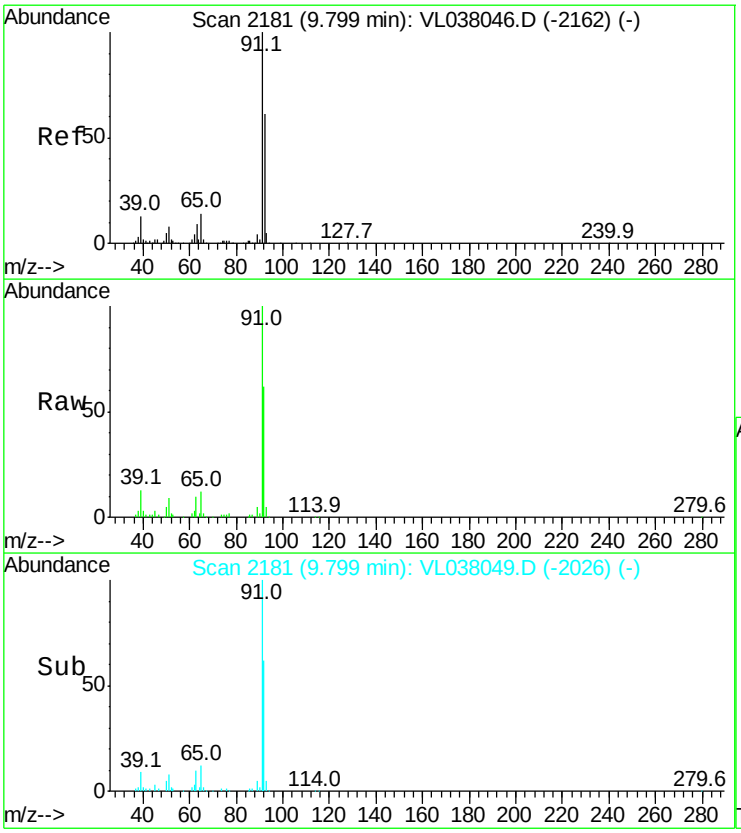
#52
Tetrachloroethene
Concen: 0.517 ppbv
RT: 11.22
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:164 Resp: 50688

Ion	Ratio	Lower	Upper
164	100		
166	118.7	97.2	145.8
129	98.6	86.9	130.3
131	90.5	82.8	124.2

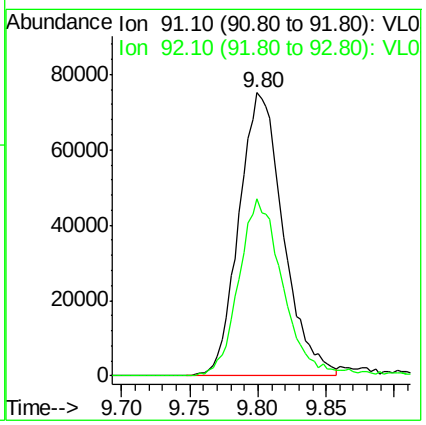


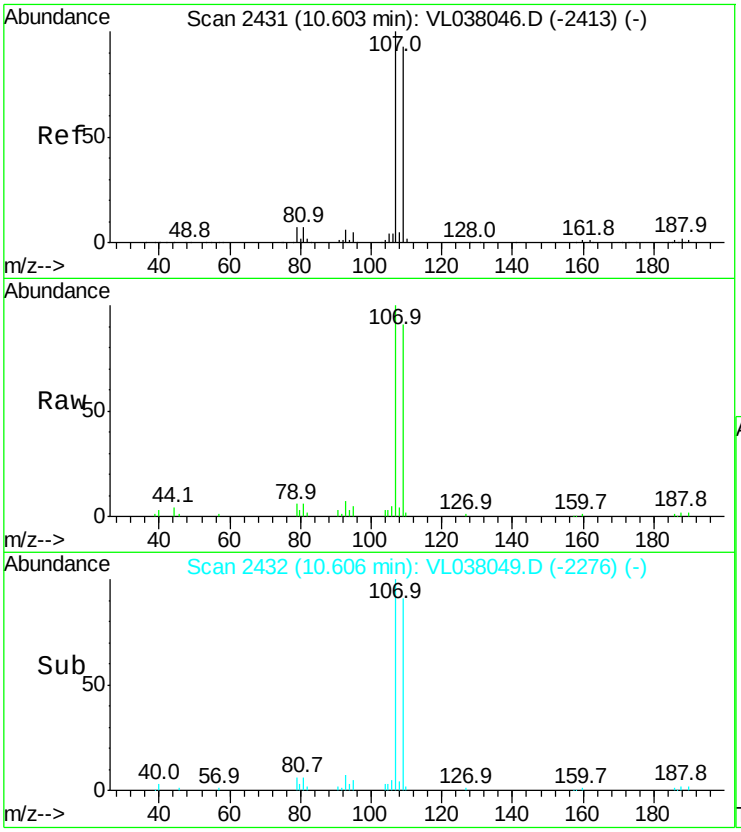


#53
Toluene
Concen: 0.557 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 91 Resp: 169171

Ion	Ratio	Lower	Upper
91	100		
92	63.6	49.7	74.5



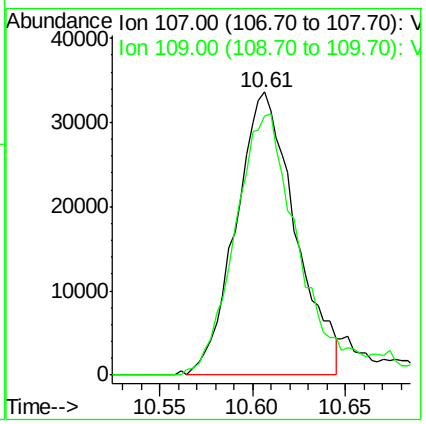


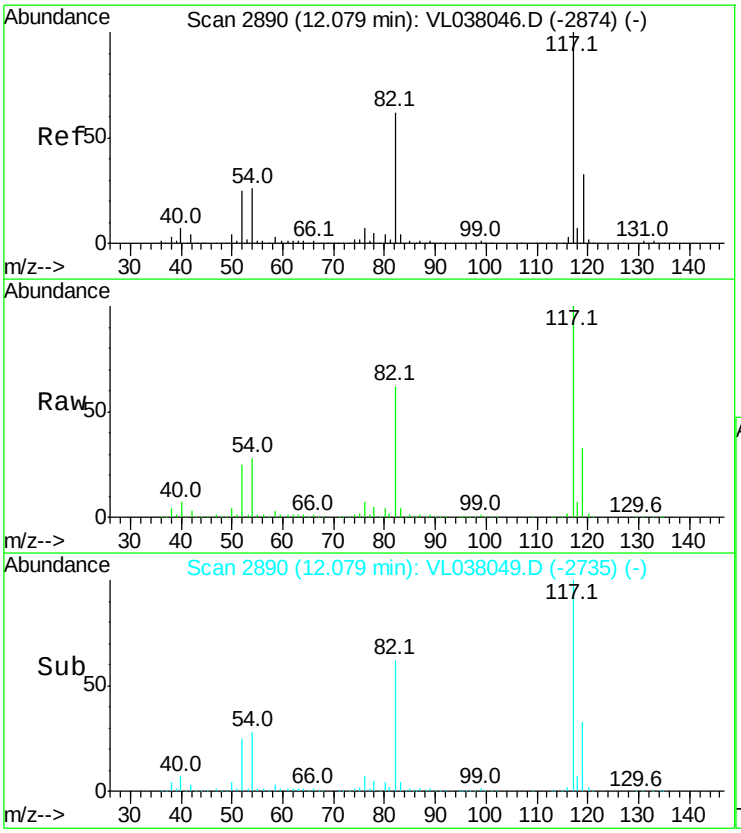
#54
1,2-Dibromoethane
Concen: 0.523 ppbv
RT: 10.61
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:107 Resp: 74826

Ion	Ratio	Lower	Upper
107	100		
109	89.5	74.6	111.8

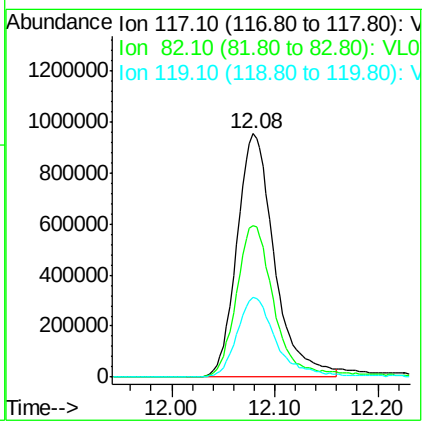


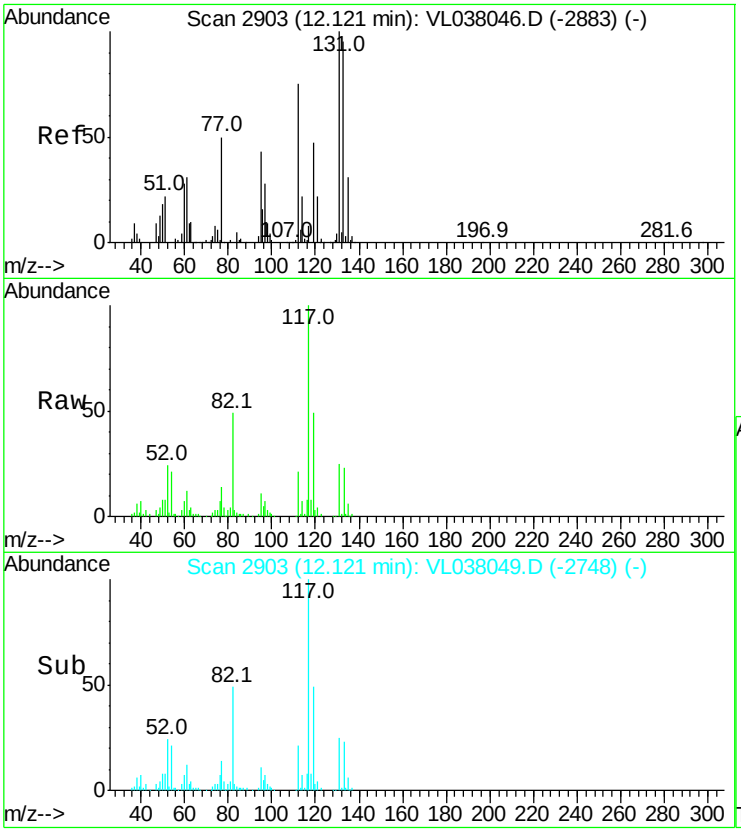


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:117 Resp: 2415069

Ion	Ratio	Lower	Upper
117	100		
82	64.0	52.8	79.2
119	34.3	26.8	40.2



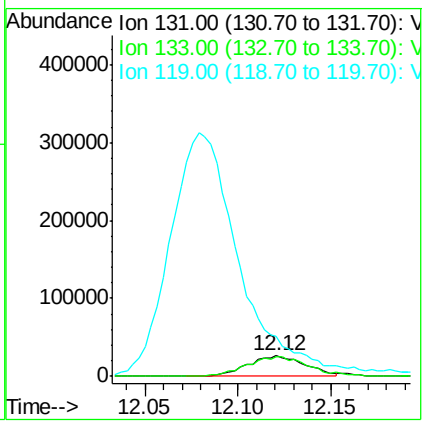


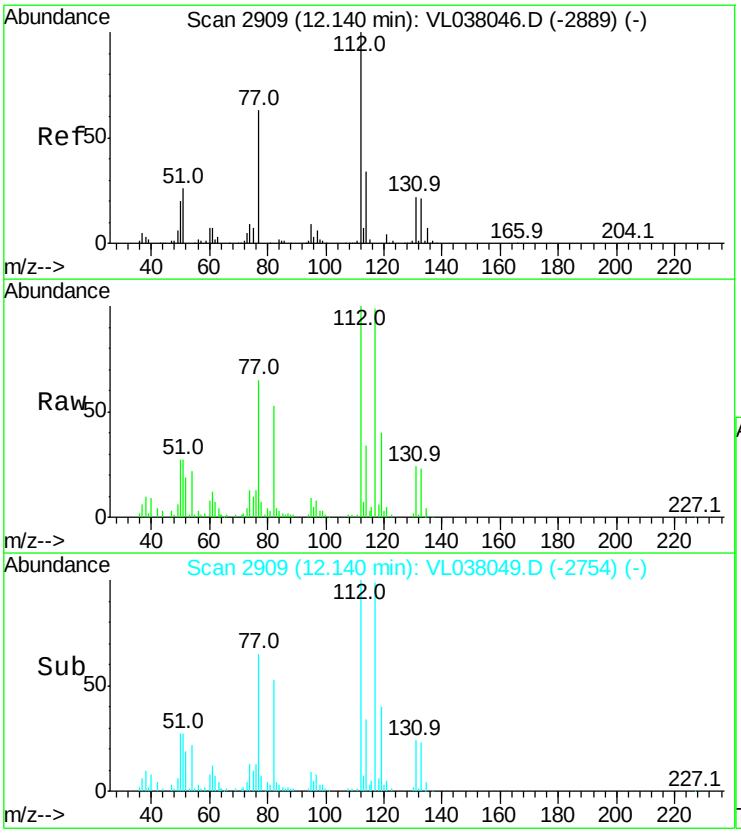
#56
1,1,1,2-Tetrachloroethane
Concen: 0.546 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:131 Resp: 57616

Ion	Ratio	Lower	Upper
131	100		
133	102.5	78.8	118.2
119	1478.3	56.3	84.5#

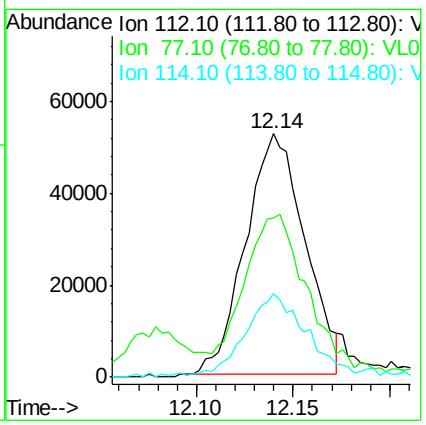


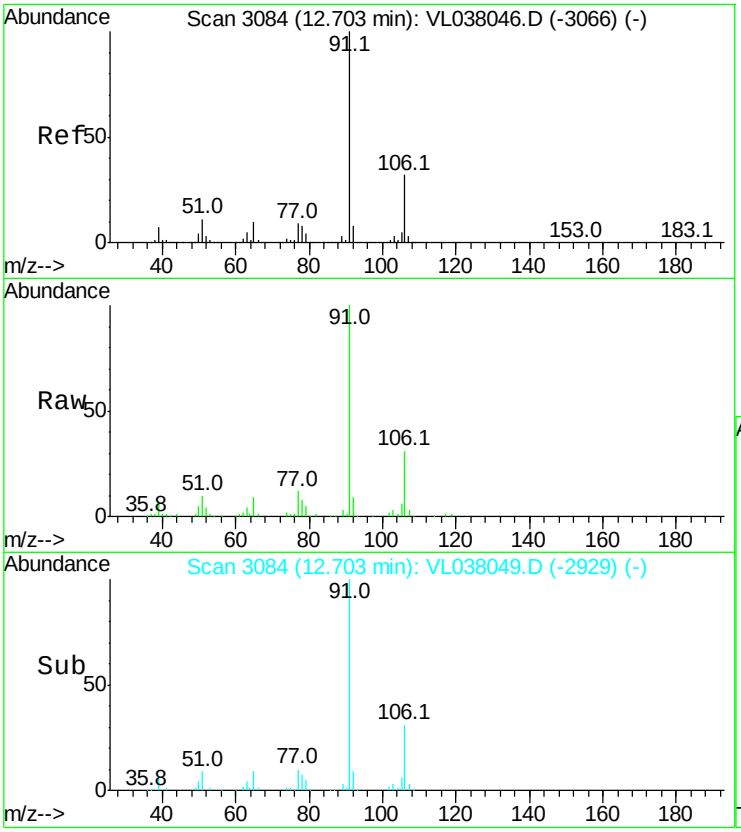


#57
Chlorobenzene
Concen: 0.568 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:112 Resp: 112455

Ion	Ratio	Lower	Upper
112	100		
77	56.0	50.3	75.5
114	34.0	30.7	37.5



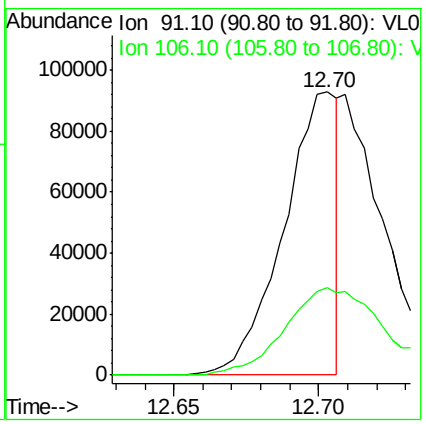


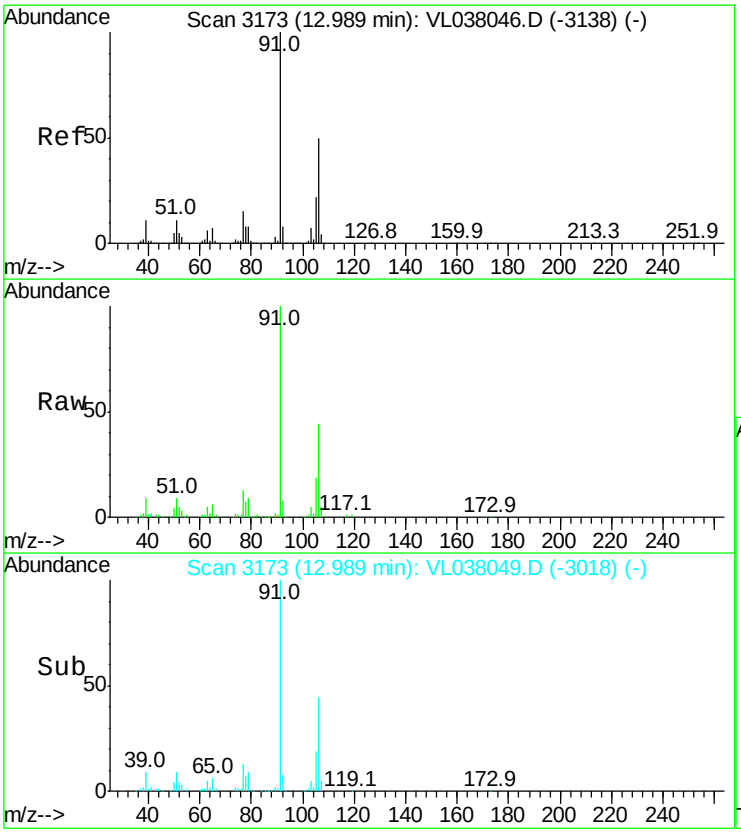
#58
Ethyl Benzene
Concen: 0.326 ppbv
RT: 12.70
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 119402

Ion	Ratio	Lower	Upper
91	100		
106	30.5	25.8	38.6

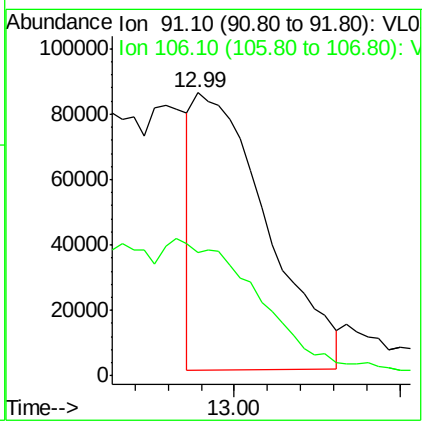


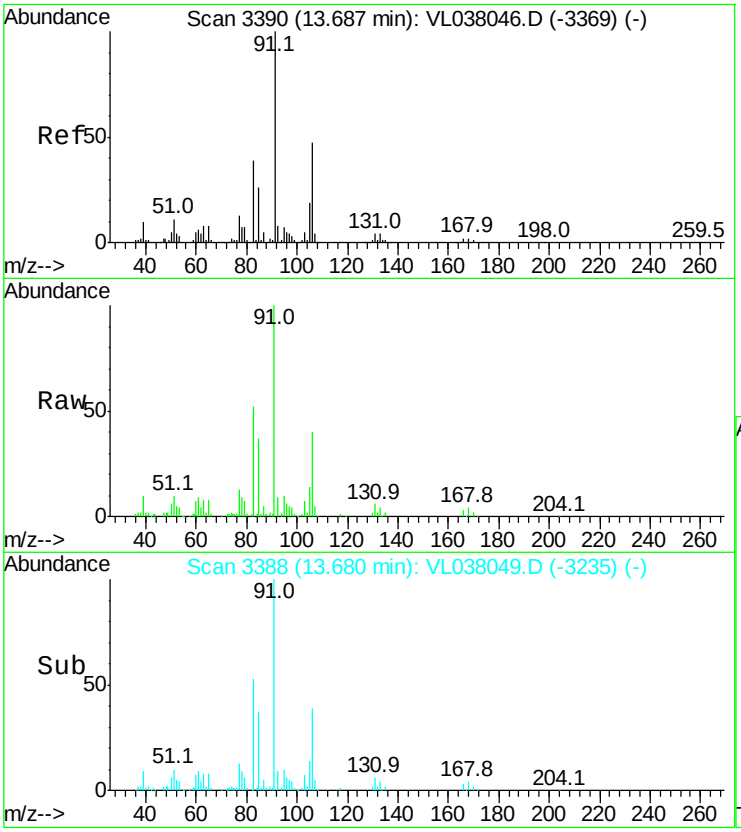


#59
m/p-Xylene
Concen: 0.424 ppbv
RT: 12.99 min Scan# 3173
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 91 Resp: 129255

Ion	Ratio	Lower	Upper
91	100		
106	0.0	38.1	57.1#



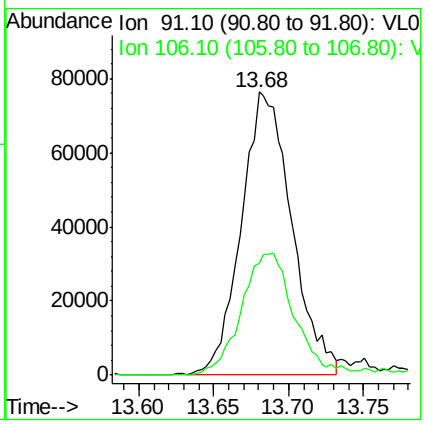


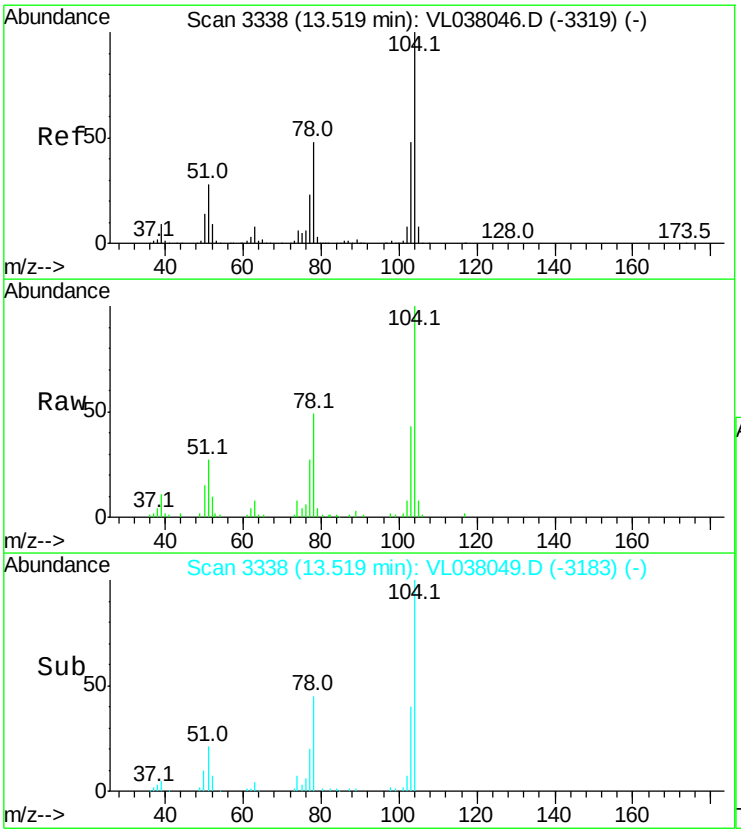
#60
o-Xylene
Concen: 0.627 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 177511

Ion	Ratio	Lower	Upper
91	100		
106	46.4	24.2	72.6

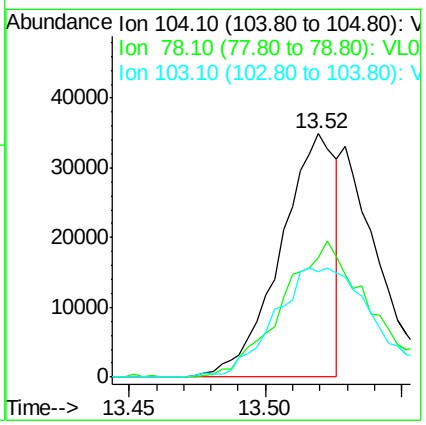


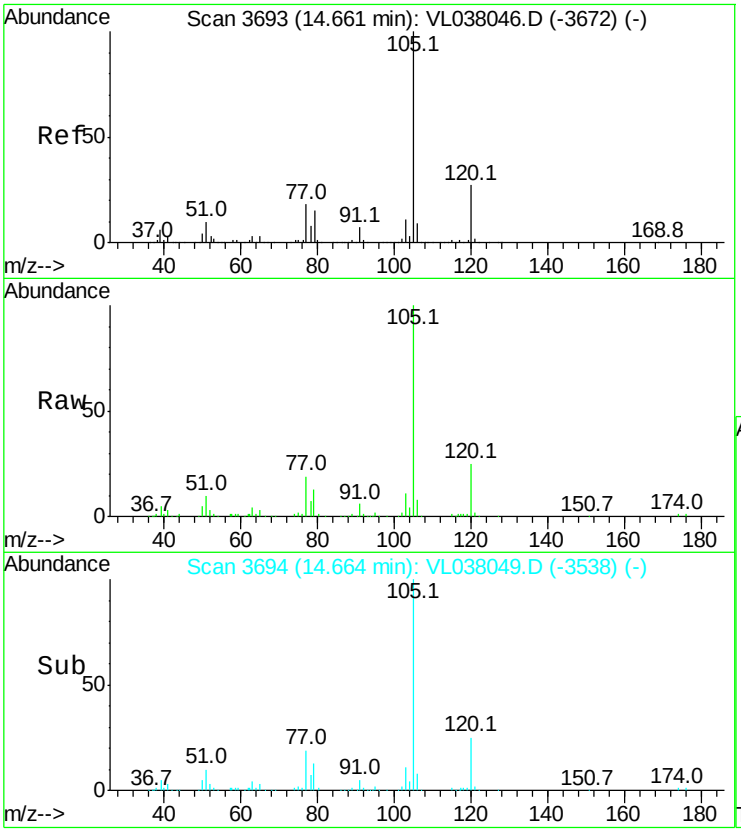


#61
Styrene
Concen: 0.312 ppbv
RT: 13.52 min Scan# 3338
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:104 Resp: 49200

Ion	Ratio	Lower	Upper
104	100		
78	91.7	39.8	59.6#
103	85.3	38.2	57.2#



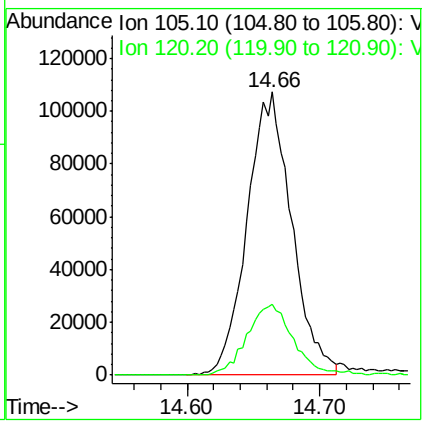


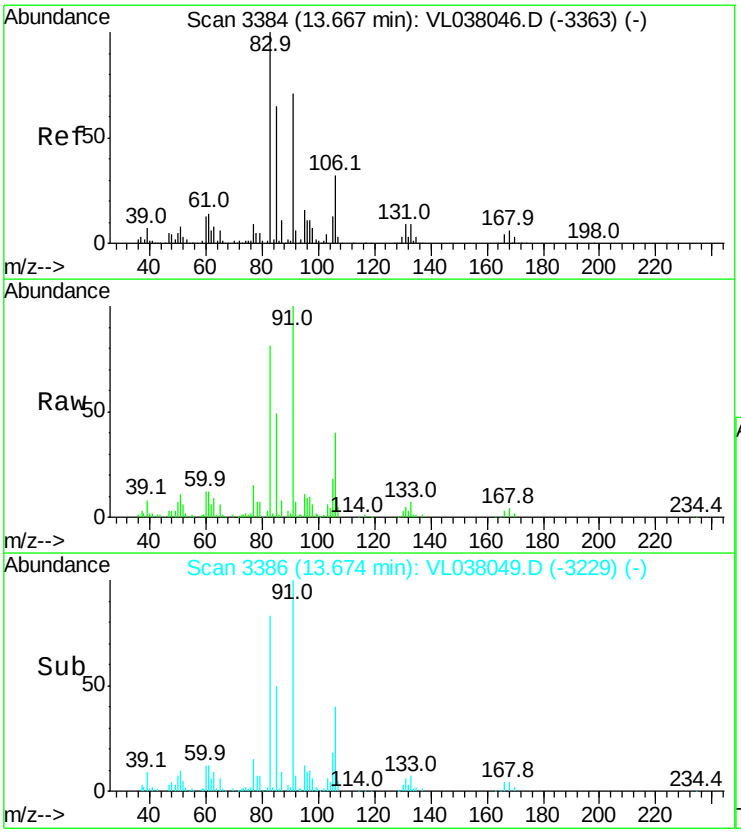
#62
Isopropylbenzene
Concen: 0.613 ppbv
RT: 14.66
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 250766

Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.8	32.6

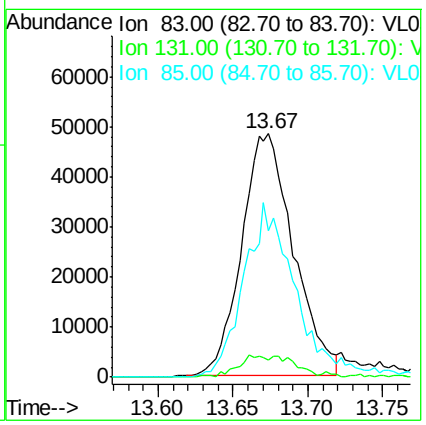


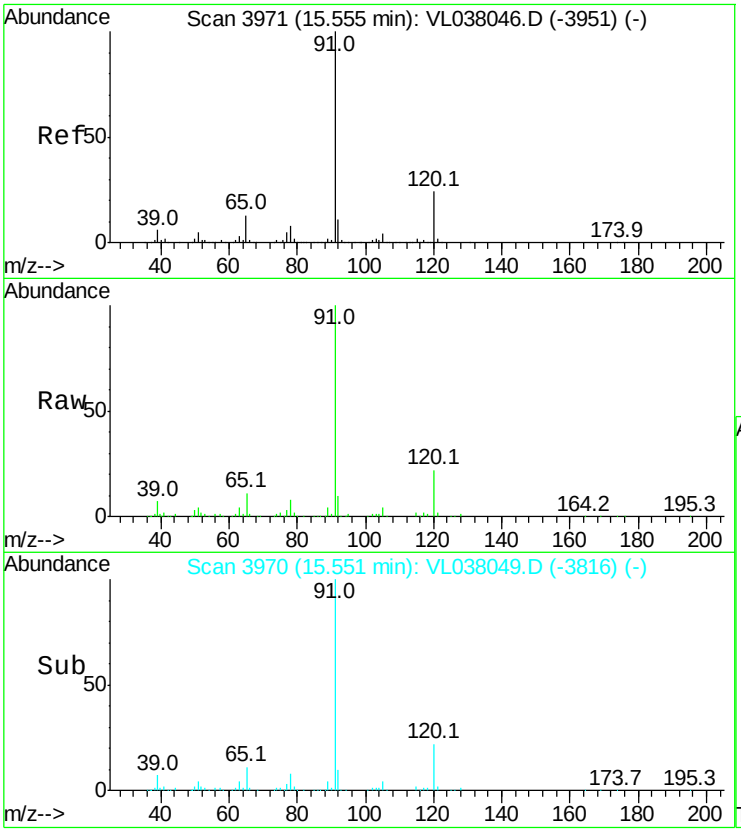


#63
1,1,2,2-Tetrachloroethane
Concen: 0.553 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. 0.01 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 83 Resp: 117032

Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.9	14.7
85	73.2	33.4	100.1



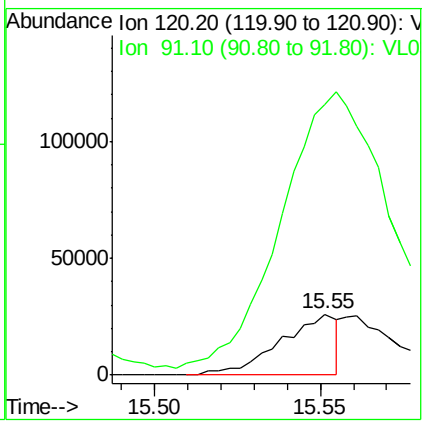


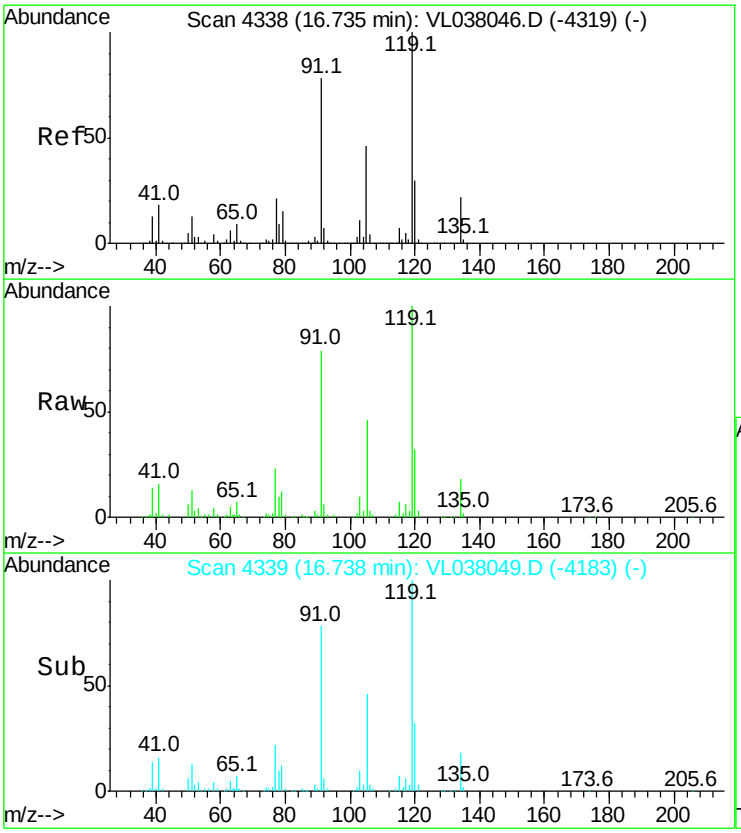
#64
n-propylbenzene
Concen: 0.295 ppbv
RT: 15.55
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:120 Resp: 30779

Ion	Ratio	Lower	Upper
120	100		
91	994.1	371.7	557.5#

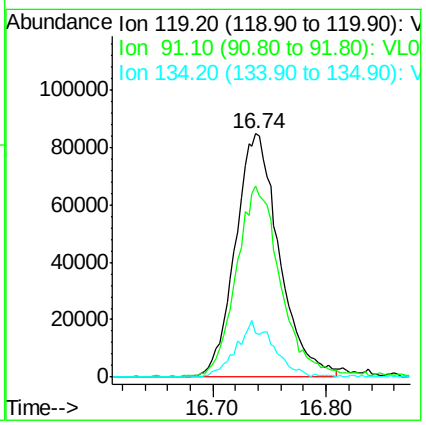


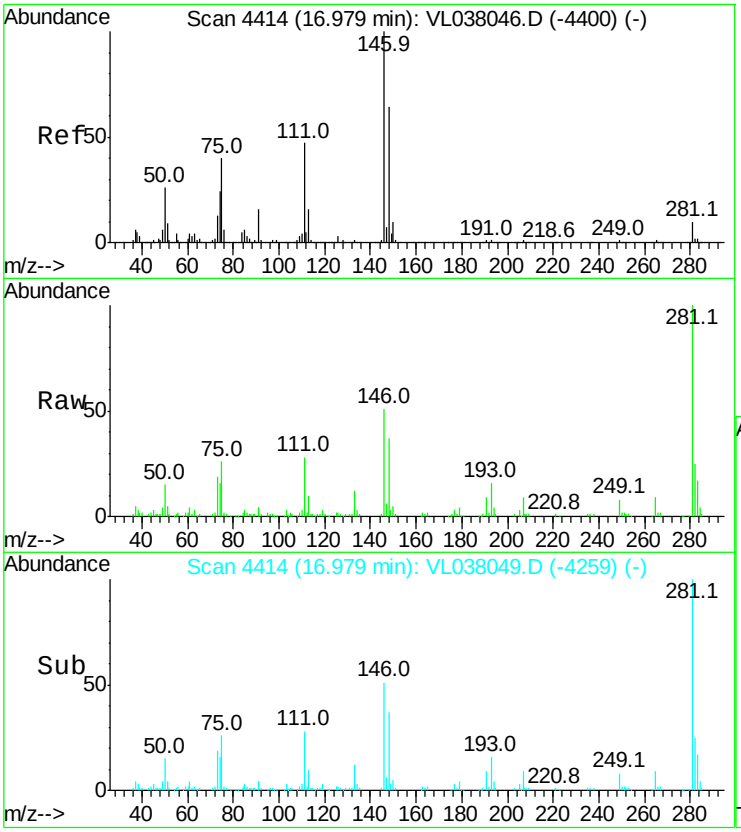


#65
tert-Butylbenzene
Concen: 0.639 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. 0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:119 Resp: 229282

Ion	Ratio	Lower	Upper
119	100		
91	79.8	63.2	94.8
134	19.7	16.1	24.1



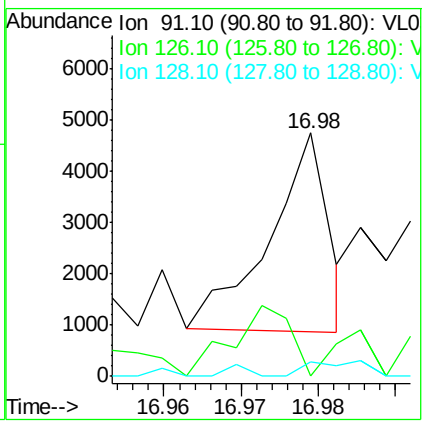


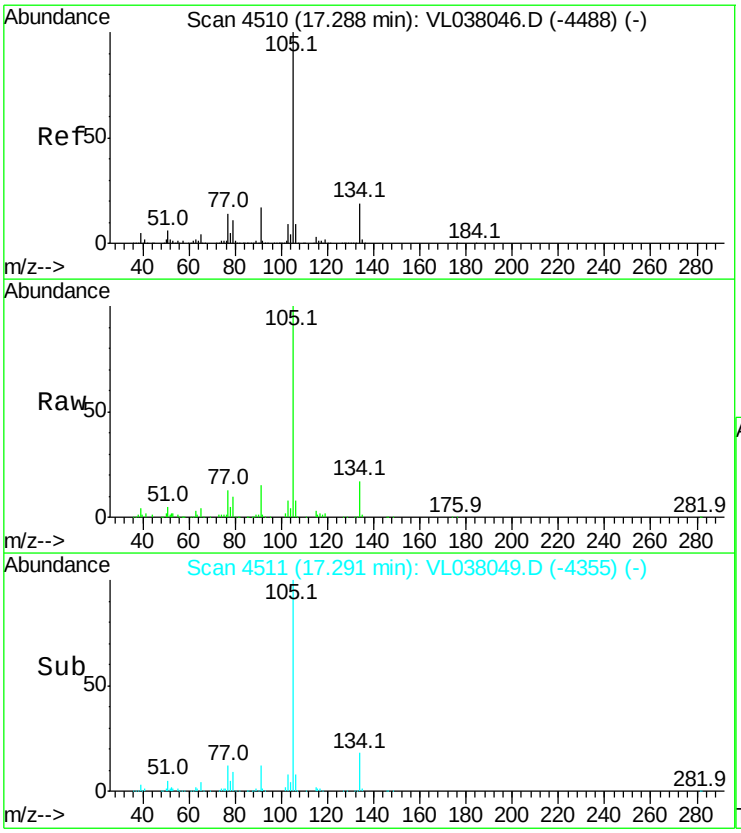
#66
Benzyl Chloride
Concen: 0.082 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 2059

Ion	Ratio	Lower	Upper
91	100		
126	70.7	15.5	23.3#
128	12.3	5.6	8.4#

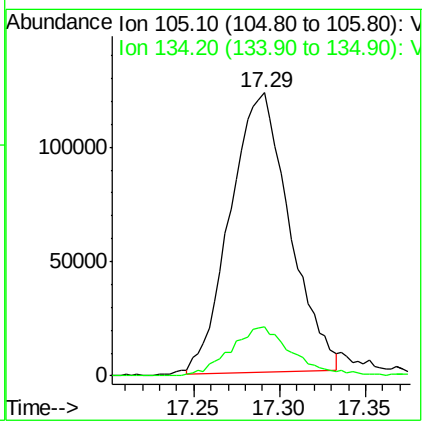


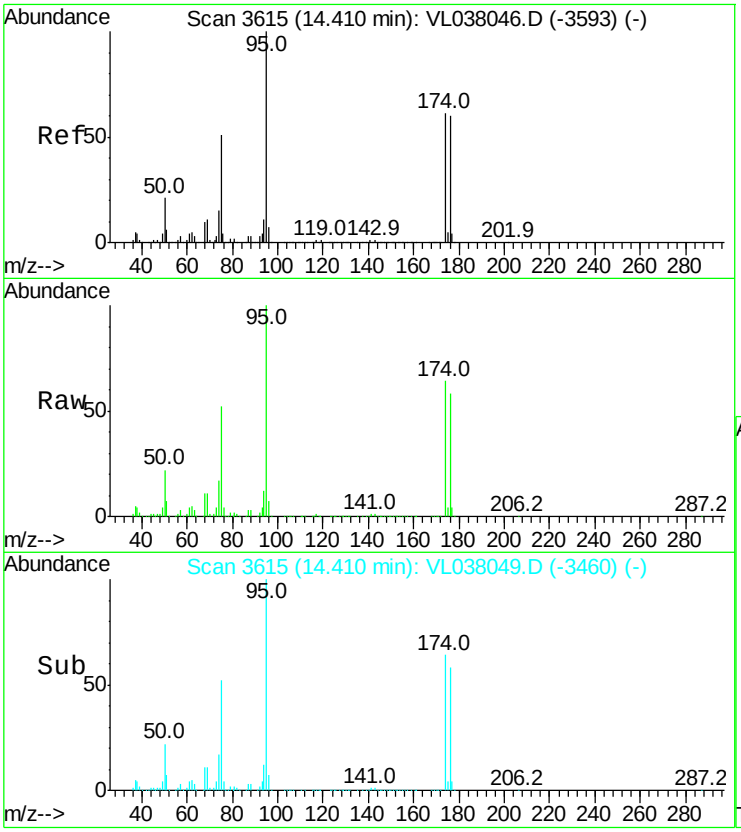


#67
sec-Butylbenzene
Concen: 0.594 ppbv
RT: 17.29 min Scan# 4511
Delta R.T. 0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:105 Resp: 294611

Ion	Ratio	Lower	Upper
105	100		
134	18.7	14.7	22.1



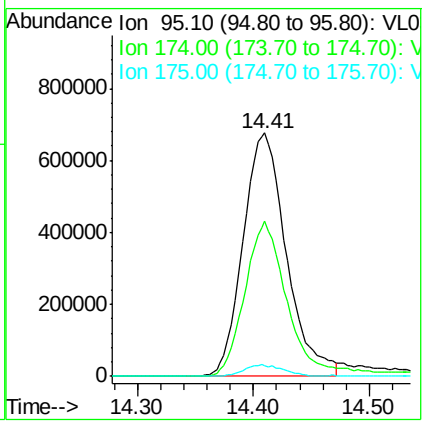


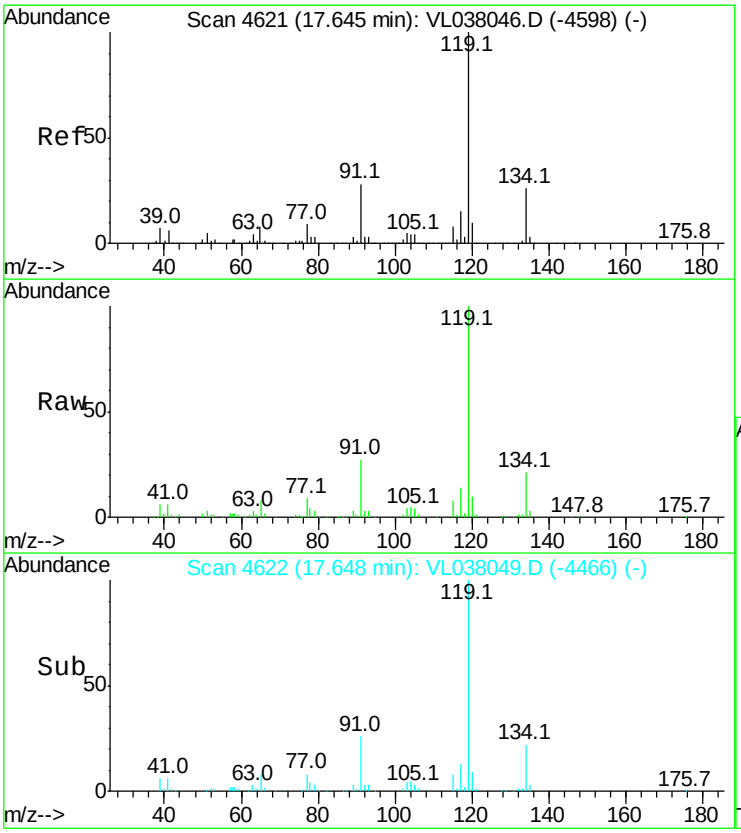
#68
1-Bromo-4-Fluorobenzene
Concen: 10.044 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 95 Resp: 1752626

Ion	Ratio	Lower	Upper
95	100		
174	66.1	53.1	79.7
175	4.6	4.0	6.0

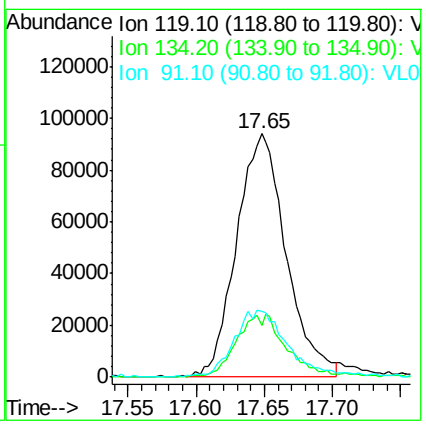


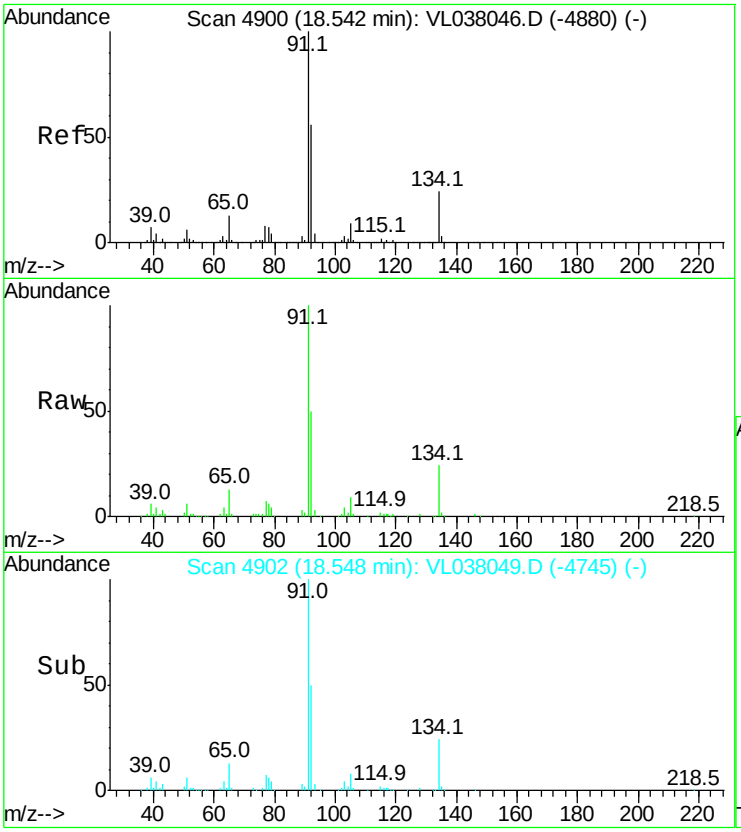


#69
p-Isopropyltoluene
Concen: 0.586 ppbv
RT: 17.65 min Scan# 4622
Delta R.T. 0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:119 Resp: 234291

Ion	Ratio	Lower	Upper
119	100		
134	26.8	20.6	30.8
91	31.0	22.2	33.4



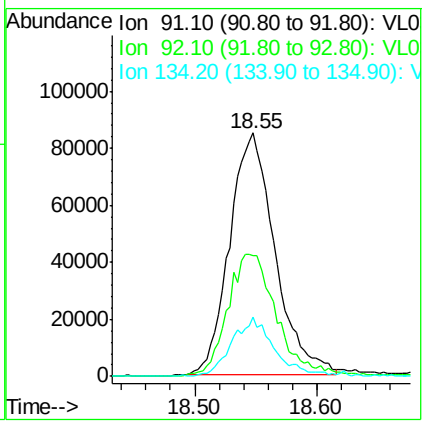


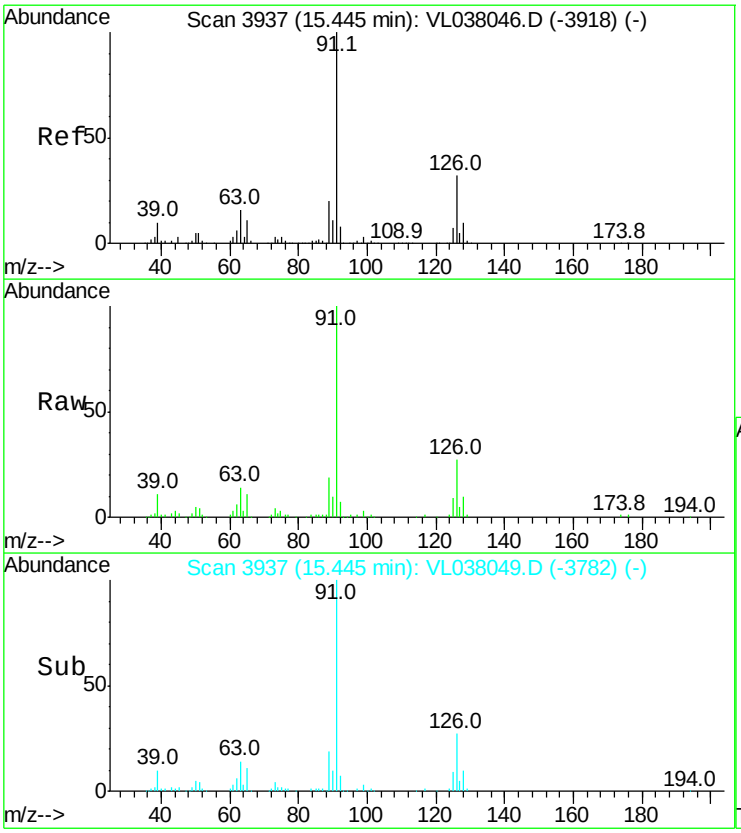
#70
n-Butylbenzene
Concen: 0.600 ppbv
RT: 18.55
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 220007

Ion	Ratio	Lower	Upper
91	100		
92	54.7	44.1	66.1
134	23.3	18.9	28.3

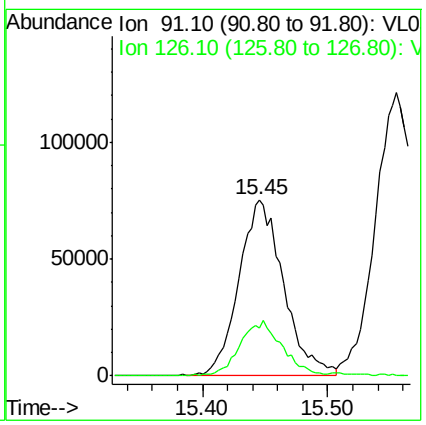


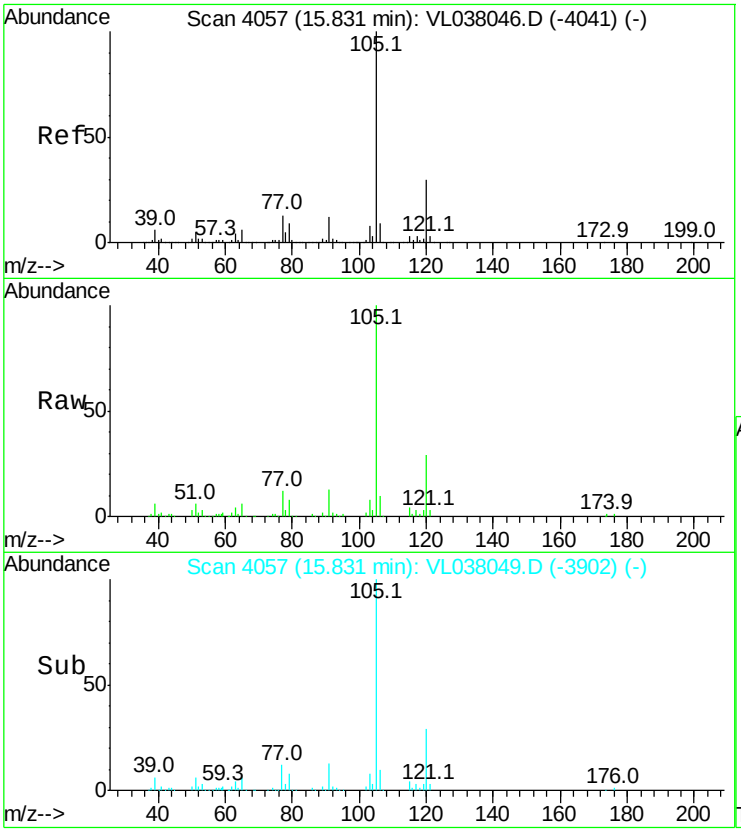


#71
2-Chlorotoluene
Concen: 0.636 ppbv
RT: 15.45 min Scan# 3937
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion: 91 Resp: 186194

Ion	Ratio	Lower	Upper
91	100		
126	31.4	13.1	52.3



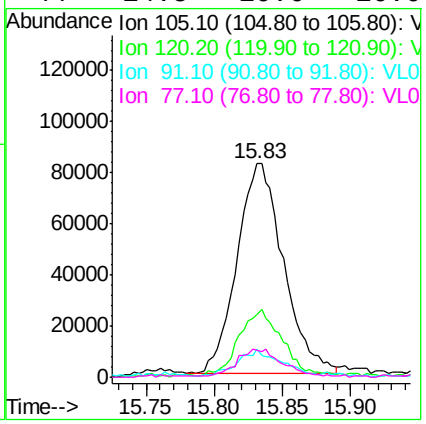


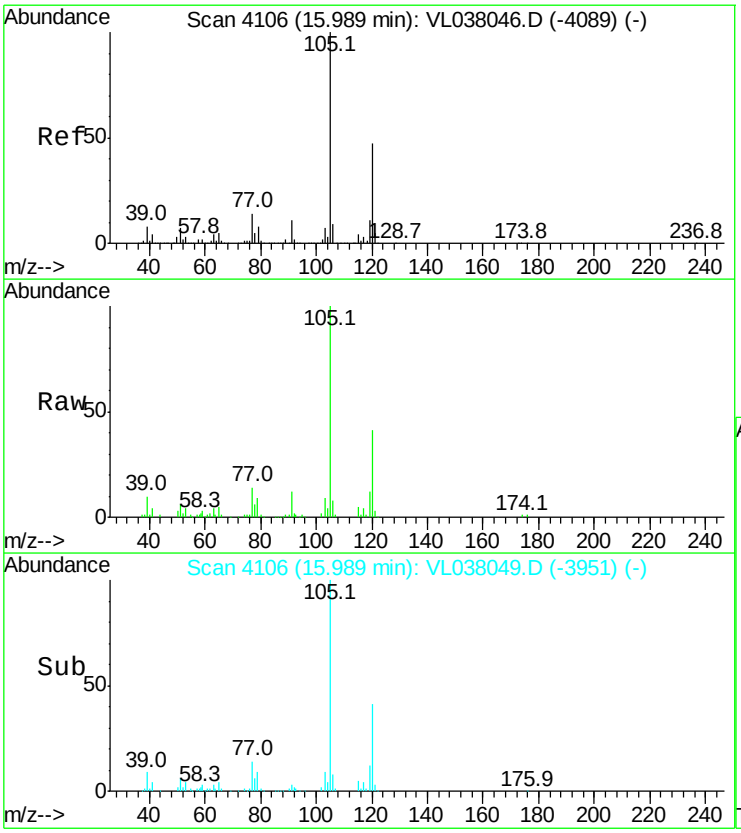
#72
4-Ethyltoluene
Concen: 0.576 ppbv
RT: 15.83
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 194259

Ion	Ratio	Lower	Upper
105	100		
120	31.9	25.1	37.7
91	12.4	9.7	14.5
77	14.5	10.6	16.0

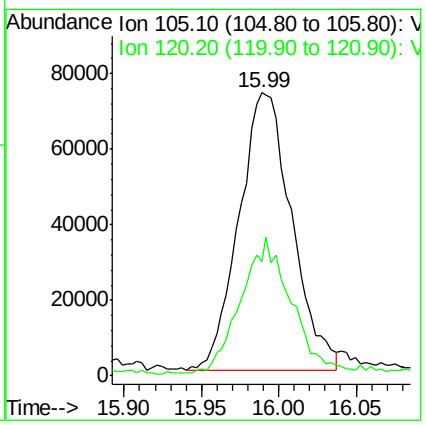


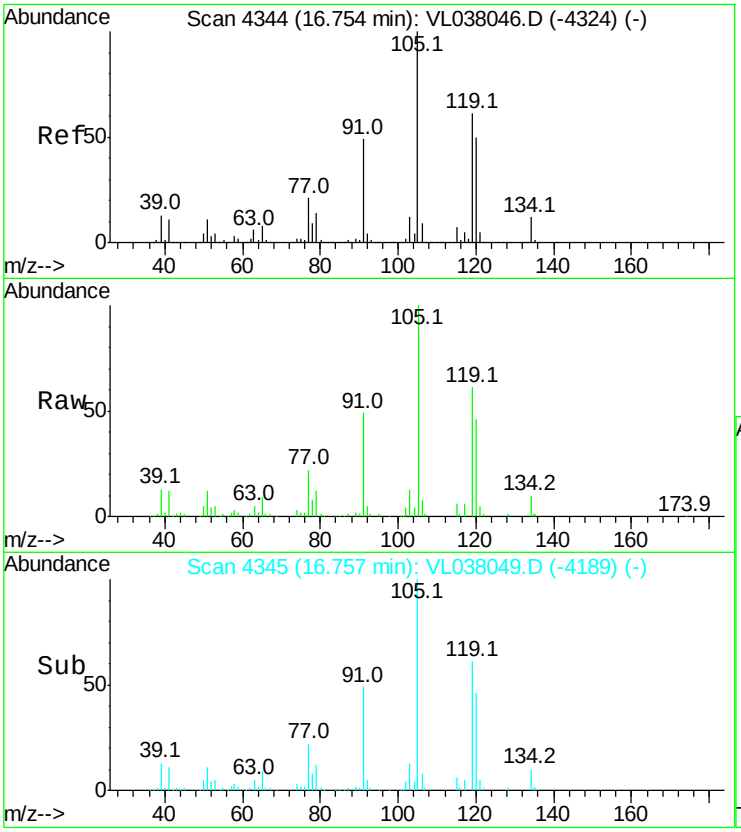


#73
1,3,5-Trimethylbenzene
Concen: 0.567 ppbv
RT: 15.99 min Scan# 4106
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:105 Resp: 175009

Ion	Ratio	Lower	Upper
105	100		
120	40.6	37.8	56.6



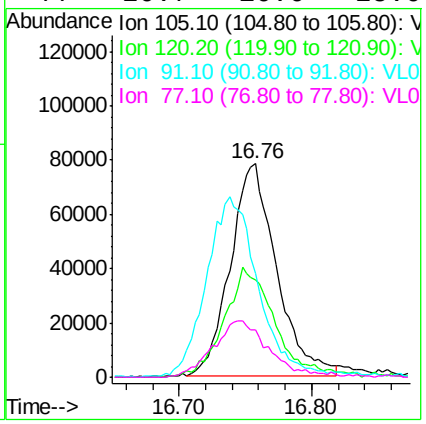


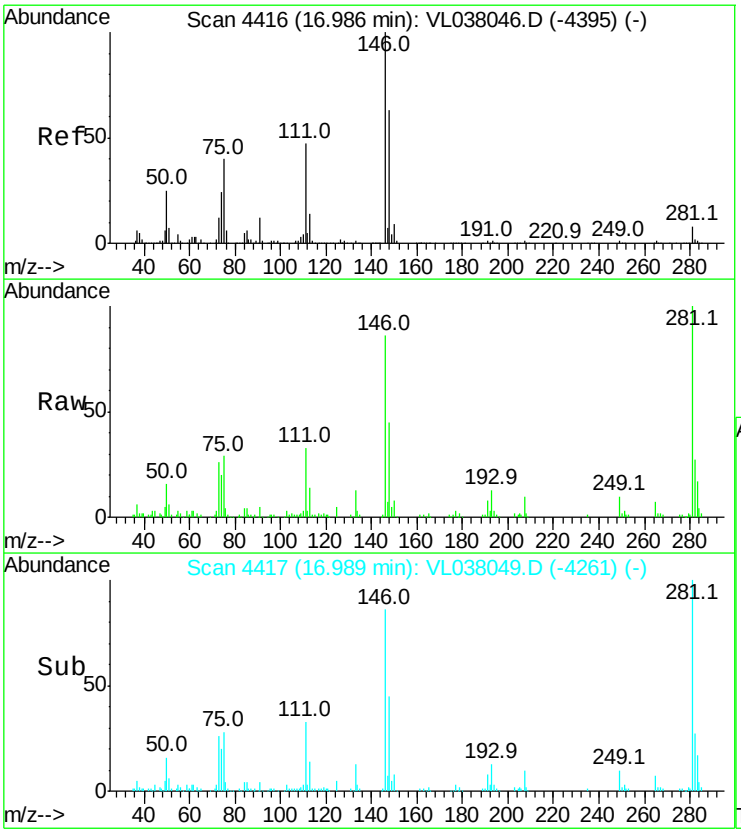
#74
1,2,4-Trimethylbenzene
Concen: 0.609 ppbv
RT: 16.76
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 189202

Ion	Ratio	Lower	Upper
105	100		
120	43.8	40.1	60.1
91	46.9	39.8	59.8
77	20.7	16.6	25.0

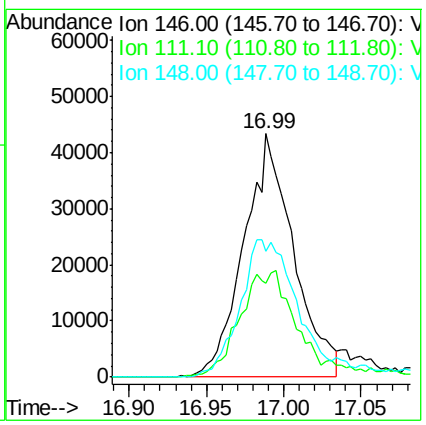


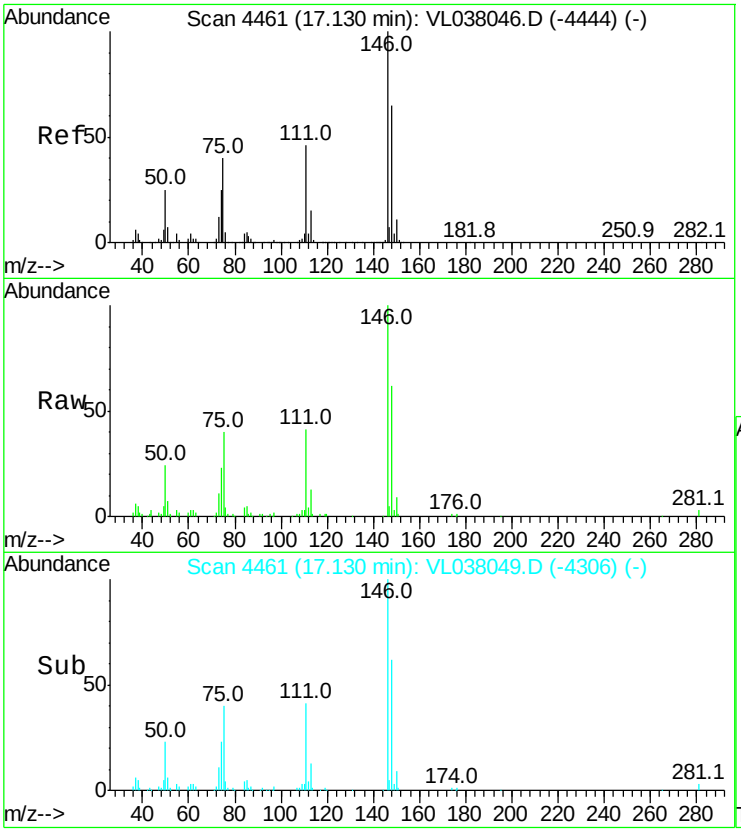


#75
1,3-Dichlorobenzene
Concen: 0.558 ppbv
RT: 16.99 min Scan# 4417
Delta R.T. 0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:146 Resp: 95594

Ion	Ratio	Lower	Upper
146	100		
111	53.0	23.5	70.6
148	69.0	32.1	96.3



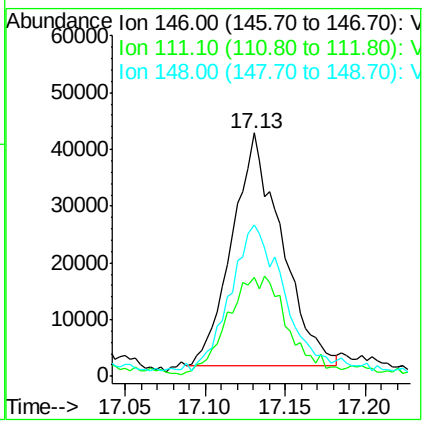


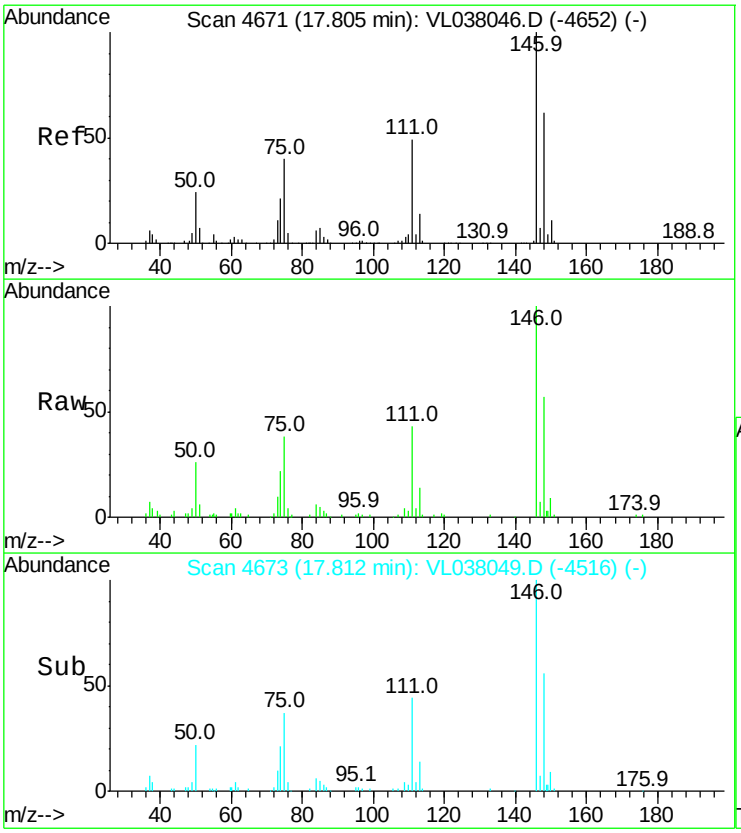
#76
1,4-Dichlorobenzene
Concen: 0.493 ppbv
RT: 17.13
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 86669

Ion	Ratio	Lower	Upper
146	100		
111	58.3	23.8	71.5
148	80.5	33.2	99.6

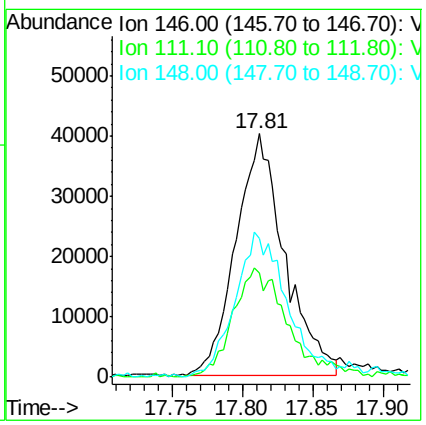


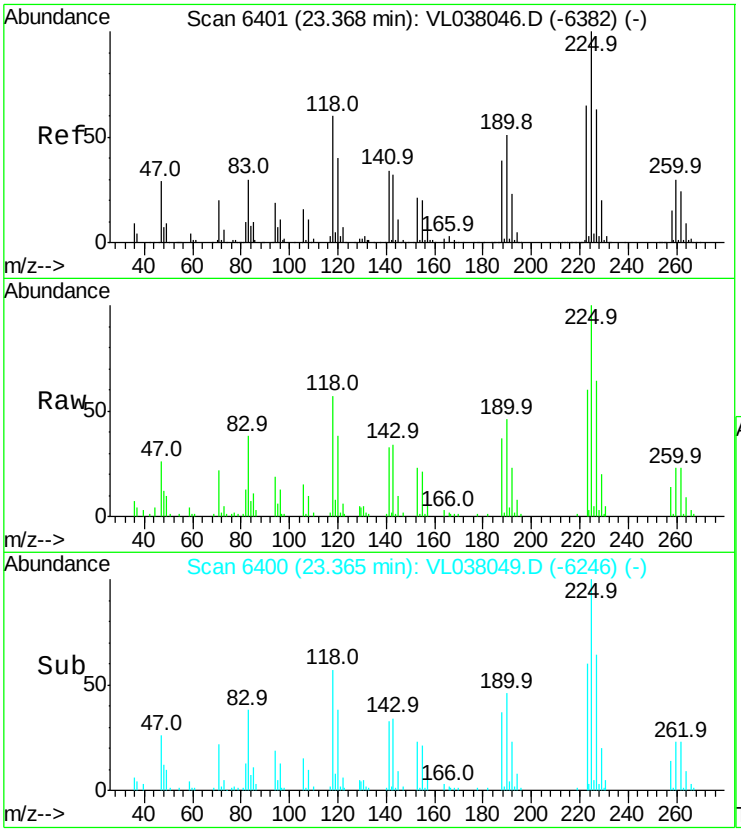


#77
1,2-Dichlorobenzene
Concen: 0.590 ppbv
RT: 17.81 min Scan# 4673
Delta R.T. 0.01 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:146 Resp: 97016

Ion	Ratio	Lower	Upper
146	100		
111	50.8	24.8	74.4
148	66.6	32.3	96.9



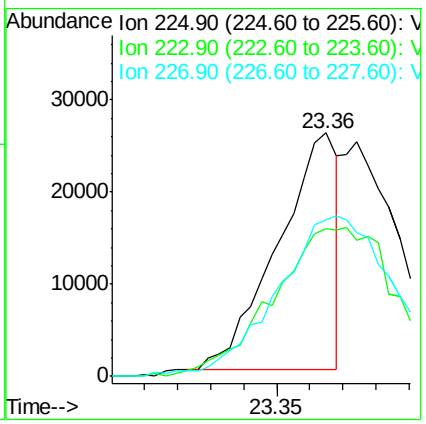


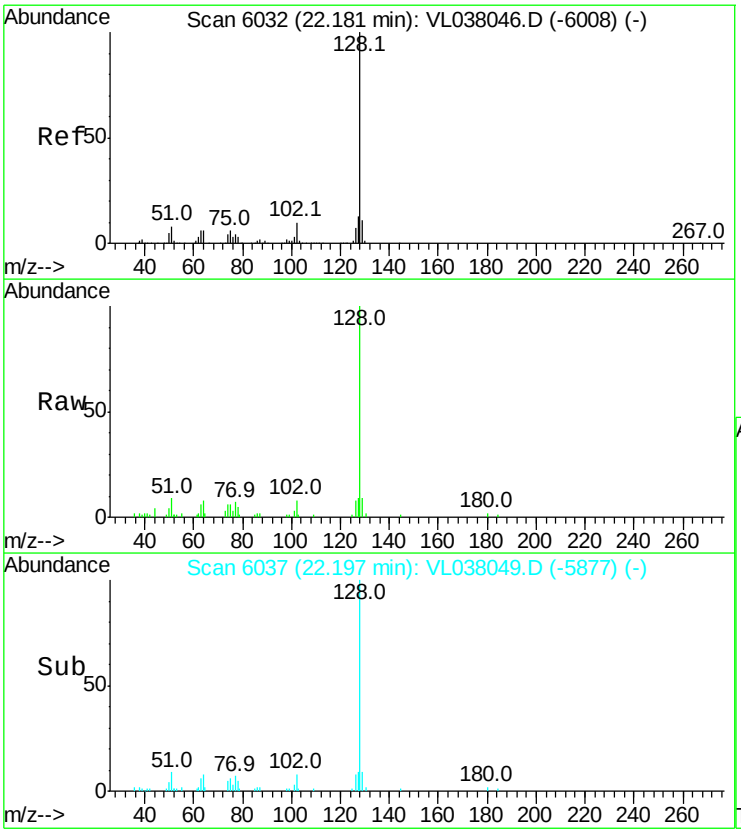
#78
Hexachloro-1,3-Butadiene
Concen: 0.301 ppbv
RT: 23.36
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:225 Resp: 32125

Ion	Ratio	Lower	Upper
225	100		
223	0.0	52.3	78.5#
227	142.5	52.4	78.6#

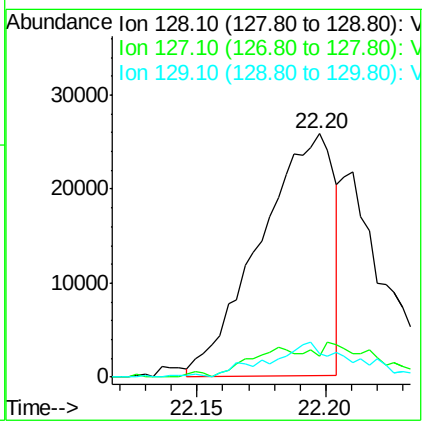


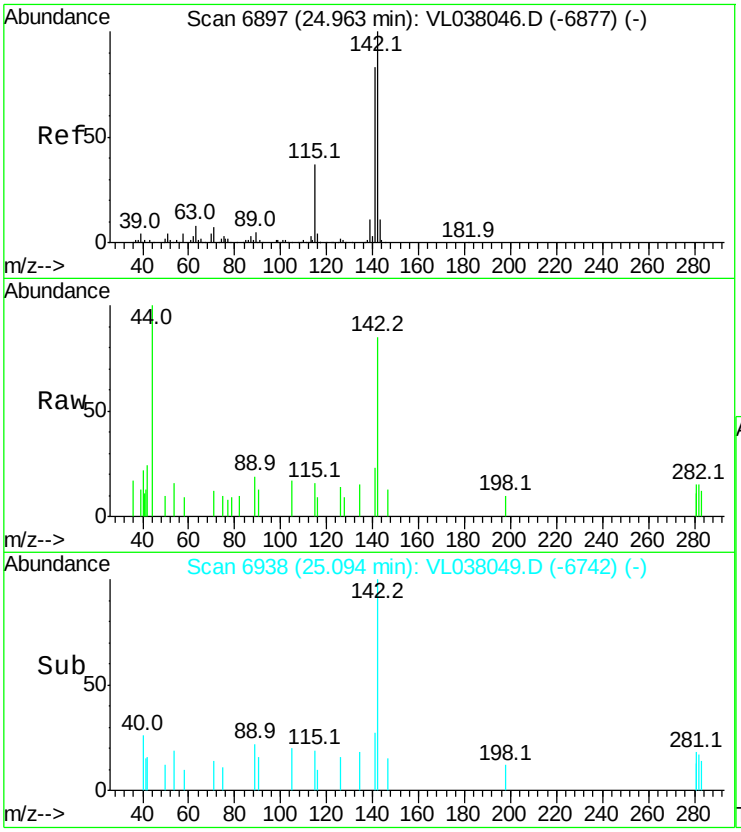


#79
Naphthalene
Concen: 0.301 ppbv
RT: 22.20 min Scan# 6037
Delta R.T. 0.02 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:128 Resp: 51362

Ion	Ratio	Lower	Upper
128	100		
127	7.6	10.4	15.6#
129	9.0	8.9	13.3



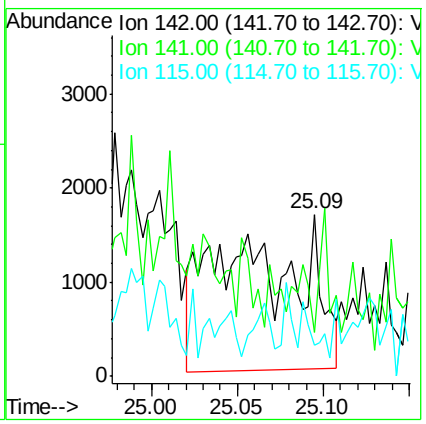


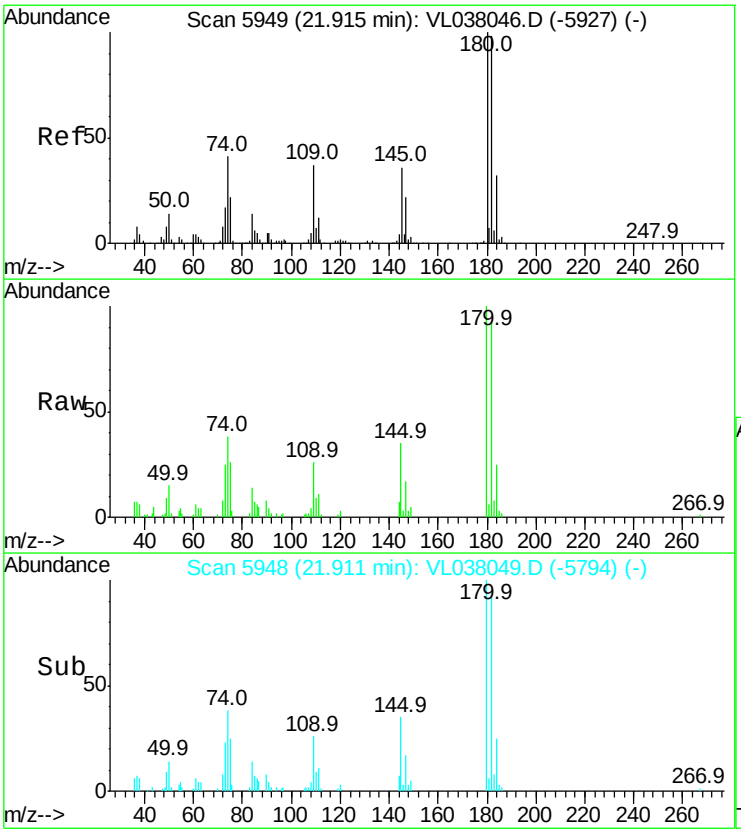
#80
Naphthalene,2-methyl-
Concen: 0.165 ppbv
RT: 25.09
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:41

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:142 Resp: 5320

Ion	Ratio	Lower	Upper
142	100		
141	80.1	67.3	100.9
115	43.3	28.9	43.3





#81
1,2,4-Trichlorobenzene
Concen: 0.032 ppbv
RT: 21.91 min Scan# 5948
Delta R.T. -0.00 min
Lab File: VL038049.D
Acq: 18 Nov 2021 10:41

Tgt Ion:180 Resp: 3103

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.4	116.2#
184	0.0	25.0	37.4#