Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041422\
Data File : VL038916.D
Acq On : 14 Apr 2022 13:12
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Apr 15 08:05:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1175044	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.19	114	2770489	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.10	117	3213372	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	2185884	8.97	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 89.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	1574758	9.448	ppbv		98
3) Chlorodifluoromethane	3.00	51	1396386	9.737	ppbv	#	92
4) Chloromethane	3.15	50	668210	8.999	ppbv		98
5) Vinyl Chloride	3.27	62	676776	9.864	ppbv		98
6) Bromomethane	3.49	94	360278	10.853	ppbv		100
7) Chloroethane	3.57	64	228969	10.007	ppbv		96
8) Dichlorotetrafluoroethane	3.20	85	1640733	10.538	ppbv		94
9) Propene	3.02	41	582722	7.680	ppbv		99
10) Heptane	8.14	43	1481324	7.751	ppbv		96
11) Trichlorofluoromethane	3.97	101	1571264	11.732	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.50	101	1057154	10.305	ppbv		94
13) Ethanol	3.62	45	22250	4.826	ppbv	#	100
14) Bromoethene	3.75	108	458543	10.163	ppbv		98
15) Acetone	3.86	43	1108311	9.474	ppbv		97
16) 1,3-Butadiene	3.34	39	604452	9.038	ppbv		94
17) tert-Butyl alcohol	4.30	59	813188	7.752	ppbv		100
18) 1,1-Dichloroethene	4.30	96	483818	10.346	ppbv		94
19) Isopropyl Alcohol	3.98	45	583210	9.754	ppbv	#	100
20) Methylene Chloride	4.36	84	393259	9.269	ppbv		95
21) Allyl Chloride	4.43	41	766850	8.755	ppbv		97
22) trans-1,2-Dichloroethene	4.90	96	499350	10.546	ppbv		92
23) Vinyl Acetate	5.09	43	1071006	9.401	ppbv		98
24) 1,1-Dichloroethane	5.02	63	996981	9.684	ppbv		99
25) Ethyl Acetate	5.69	43	2601726	8.765	ppbv		99
26) Hexane	5.70	57	1127776	8.347	ppbv		99
27) Carbon Disulfide	4.56	76	1229828	9.926	ppbv		98
28) Methyl tert-Butyl Ether	5.05	73	916435	8.782	ppbv		99
29) Chloroform	5.77	83	1905902	10.082	ppbv		98
30) Cyclohexane	7.15	84	929772	7.808	ppbv		98
31) cis-1,2-Dichloroethene	5.56	61	1198852	9.650	ppbv		91
32) 1,1,1-Trichloroethane	6.53	97	1950274	10.240	ppbv		97
34) 2-Butanone	5.26	43	1555405	14.208	ppbv		96
35) Carbon Tetrachloride	7.03	117	2000981	12.047	ppbv		97
36) Benzene	6.91	78	2275049	9.027	ppbv	#	96
37) 1,2-Dichloroethane	6.32	62	1596884	13.858	ppbv	#	93
38) Trichloroethene	7.85	130	941385	9.103	ppbv		91
39) 1,2-Dichloropropane	7.63	63	915213	9.494	ppbv	#	91
40) 1,4-Dioxane	7.85	88	331435	10.125	ppbv	#	4
41) Tetrahydrofuran	6.06	42	939046	9.032	ppbv		98
42) Bromodichloromethane	7.81	83	2190303	12.037	ppbv		97
43) Methyl Methacrylate	8.03	69	965418	10.001	ppbv		94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041422\
Data File : VL038916.D
Acq On : 14 Apr 2022 13:12
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Apr 15 08:05:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	3995341	9.363	ppbv		97
45) t-1,3-Dichloropropene	9.30	75	1158775	11.480	ppbv		100
46) cis-1,3-Dichloropropene	8.72	75	1402250	10.537	ppbv		93
47) 1,1,2-Trichloroethane	9.49	97	949918	9.617	ppbv		97
48) Dibromochloromethane	10.32	129	1714374	11.073	ppbv		99
49) Bromoform	13.06	173	1371252	11.183	ppbv		99
50) 4-Methyl-2-Pentanone	8.75	43	2493220	10.125	ppbv		99
51) 2-Hexanone	10.15	43	1986303	10.705	ppbv	#	95
52) Tetrachloroethene	11.24	164	785239	8.920	ppbv		97
53) Toluene	9.83	91	2669981	9.177	ppbv		98
54) 1,2-Dibromoethane	10.63	107	1410514	10.280	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.14	131	1166762	8.285	ppbv		92
57) Chlorobenzene	12.16	112	1922121	7.304	ppbv		94
58) Ethyl Benzene	12.73	91	3687990	7.681	ppbv		92
59) m/p-Xylene	13.01	91	3097499	7.678	ppbv	#	39
60) o-Xylene	13.71	91	2993438	7.930	ppbv		95
61) Styrene	13.54	104	1725918	7.505	ppbv		94
62) Isopropylbenzene	14.68	105	4331185	7.644	ppbv		96
63) 1,1,2,2-Tetrachloroethane	13.69	83	1888050	7.897	ppbv		98
64) n-propylbenzene	15.57	120	1086967	7.388	ppbv		78
65) tert-Butylbenzene	16.76	119	3802321	7.564	ppbv		90
66) Benzyl Chloride	17.00	91	737293	7.204	ppbv	#	93
67) sec-Butylbenzene	17.31	105	5496535	7.792	ppbv		97
69) p-Isopropyltoluene	17.67	119	4513871	7.793	ppbv		95
70) n-Butylbenzene	18.57	91	4974578	8.526	ppbv		97
71) 2-Chlorotoluene	15.47	91	3450943	8.100	ppbv		93
72) 4-Ethyltoluene	15.86	105	3549122	7.874	ppbv	#	96
73) 1,3,5-Trimethylbenzene	16.01	105	3272668	8.082	ppbv		94
74) 1,2,4-Trimethylbenzene	16.78	105	3468422	8.103	ppbv		95
75) 1,3-Dichlorobenzene	17.01	146	1956345	7.872	ppbv		98
76) 1,4-Dichlorobenzene	17.15	146	1890591	7.723	ppbv		99
77) 1,2-Dichlorobenzene	17.83	146	1908351	7.789	ppbv		99
78) Hexachloro-1,3-Butadiene	23.39	225	1387849	7.170	ppbv		98
79) Naphthalene	22.21	128	2750312	8.589	ppbv		98
80) Naphthalene,2-methyl-	24.98	142	688507	8.726	ppbv		96
81) 1,2,4-Trichlorobenzene	21.94	180	1541479	8.226	ppbv		99

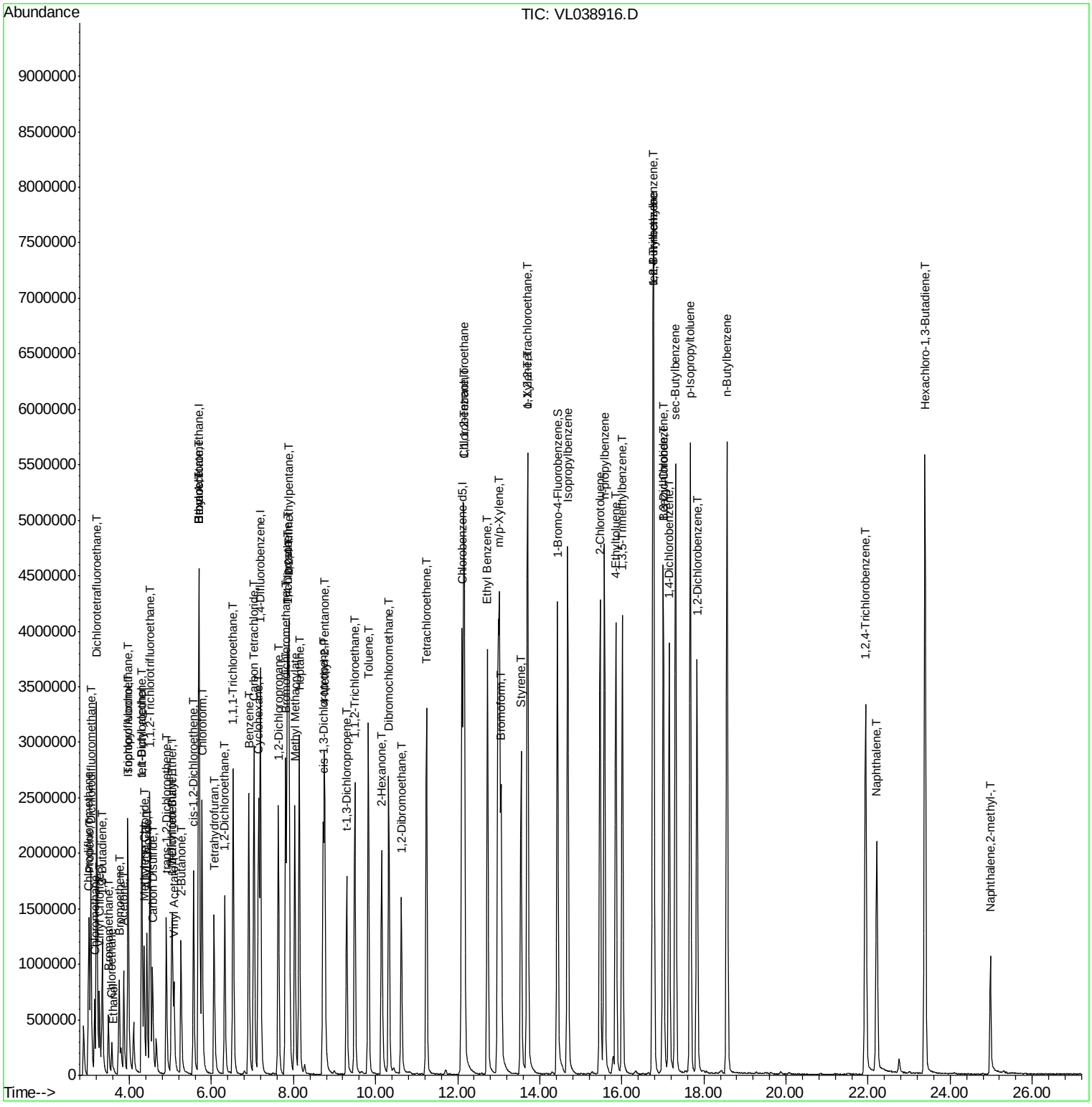
(#) = qualifier out of range (m) = manual integration (+) = signals summed

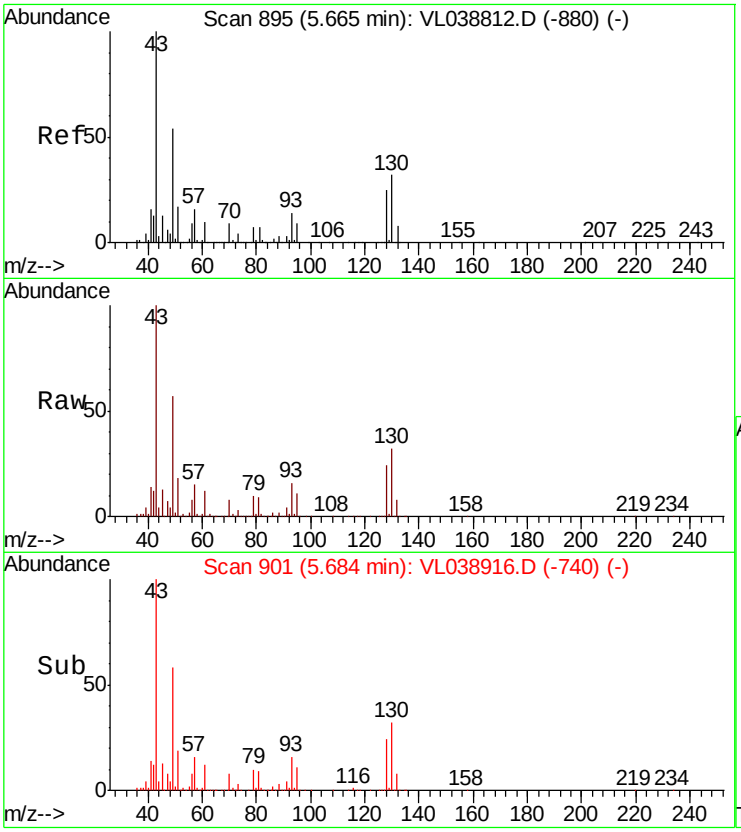
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041422\
Data File : VL038916.D
Acq On : 14 Apr 2022 13:12
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Apr 15 08:05:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration



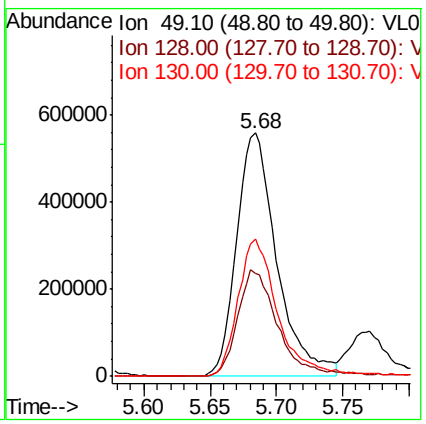


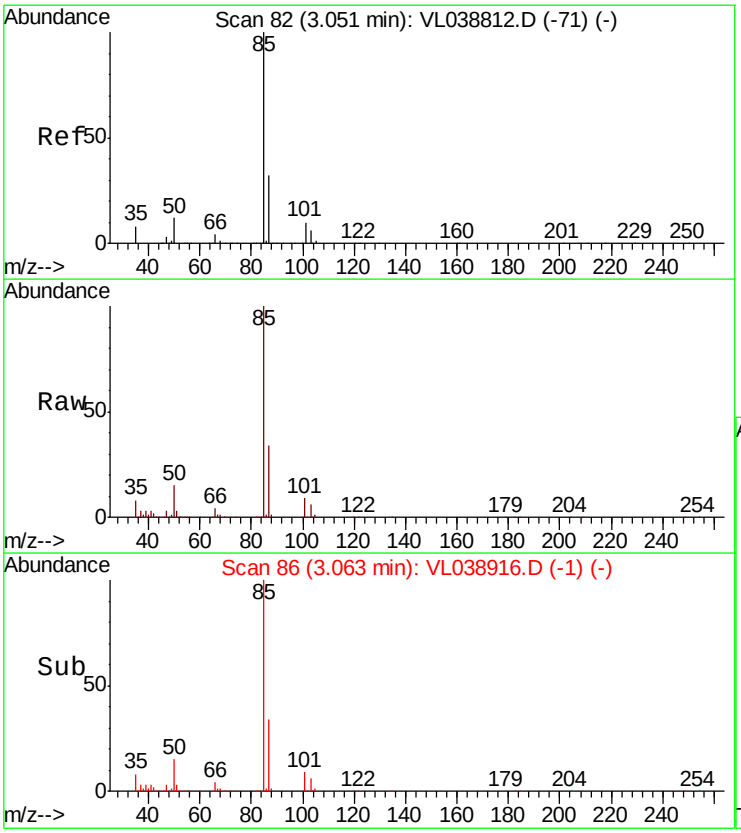
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1175044

Ion	Ratio	Lower	Upper
49	100		
128	44.8	24.1	72.3
130	57.1	30.9	92.8

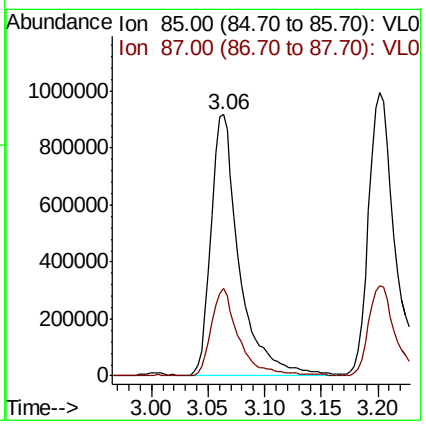


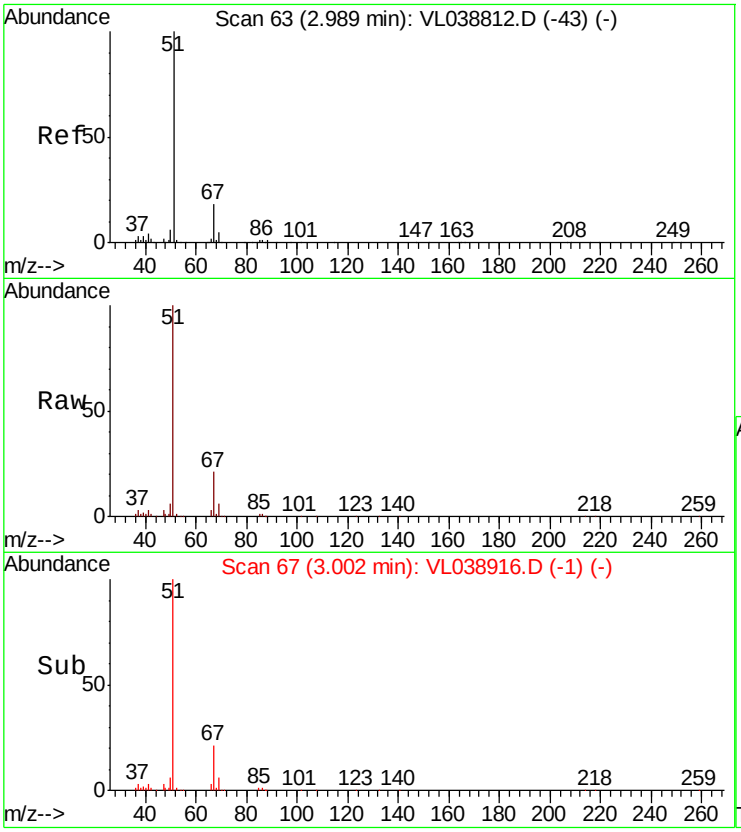


#2
Dichlorodifluoromethane
Concen: 9.448 ppbv
RT: 3.06 min Scan# 86
Delta R.T. 0.01 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 85 Resp: 1574758

Ion	Ratio	Lower	Upper
85	100		
87	33.7	25.9	38.9



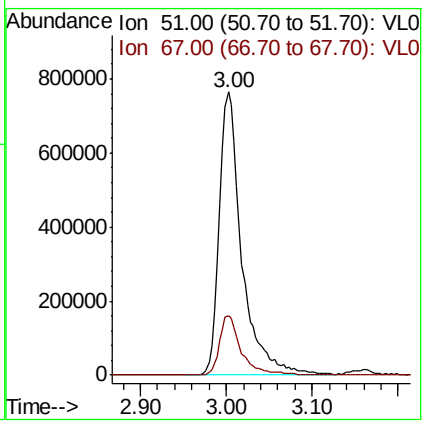


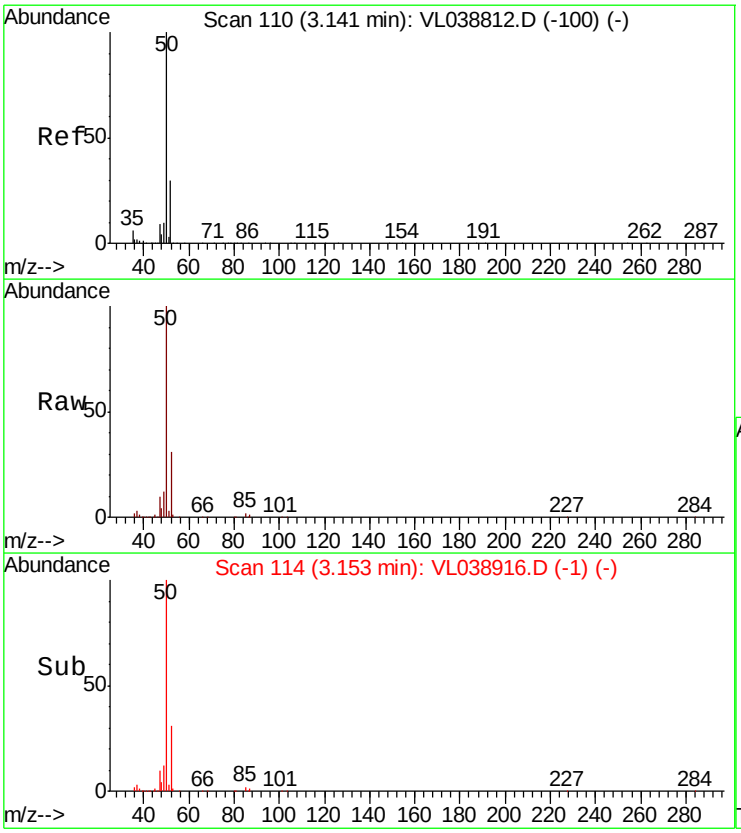
#3
Chlorodifluoromethane
Concen: 9.737 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1396386

Ion	Ratio	Lower	Upper
51	100		
67	20.3	13.4	20.0#

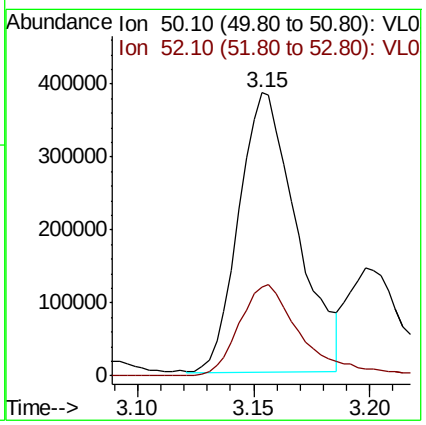


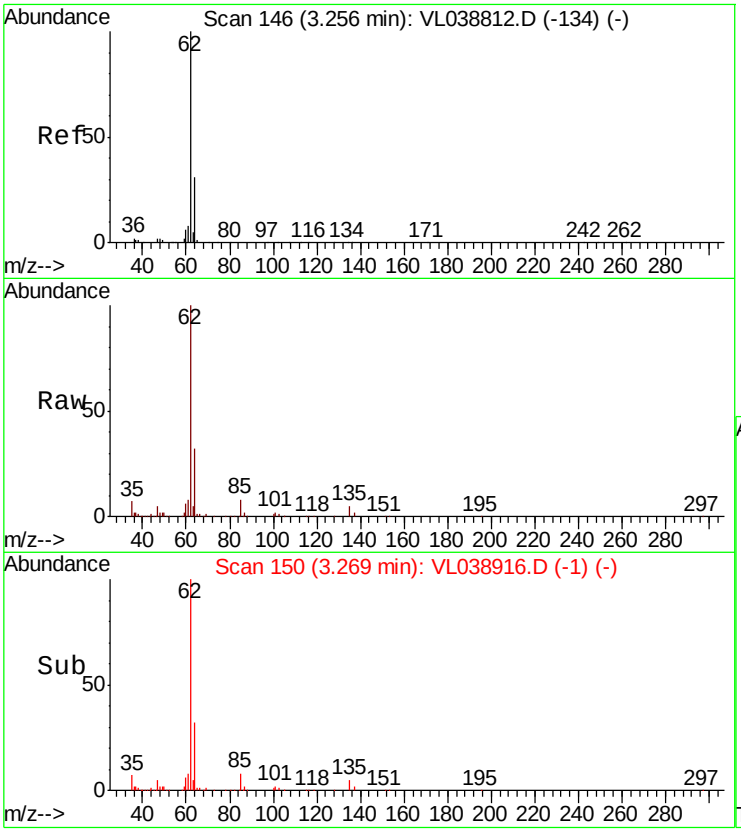


#4
Chloromethane
Concen: 8.999 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.01 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 50 Resp: 668210

Ion	Ratio	Lower	Upper
50	100		
52	31.7	24.3	36.5



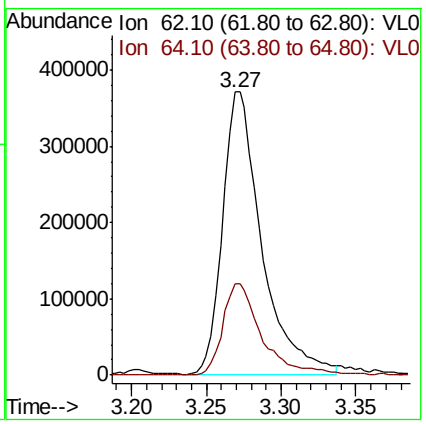


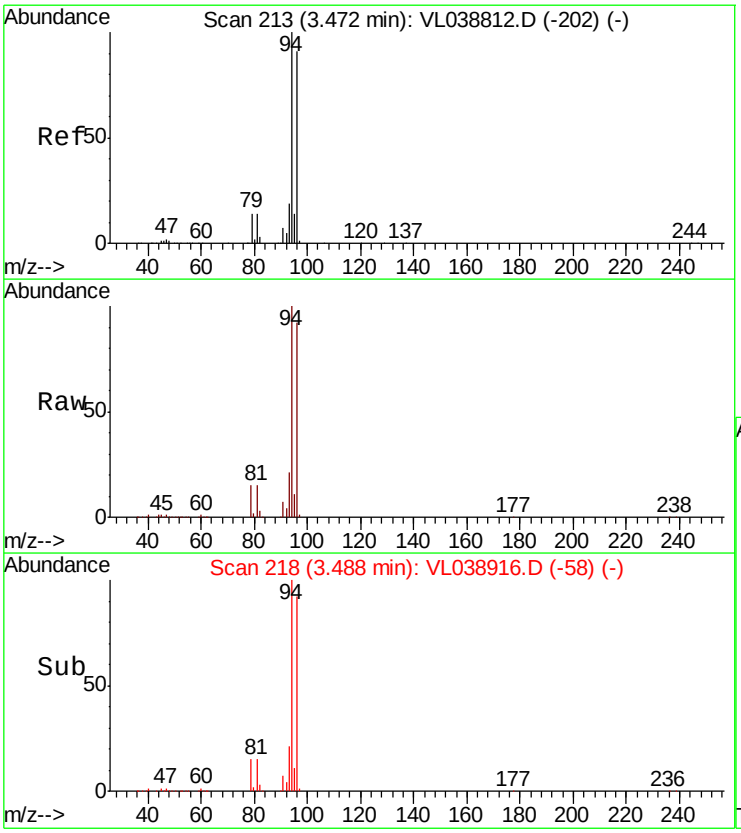
#5
Vinyl Chloride
Concen: 9.864 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 676776

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.6	37.0

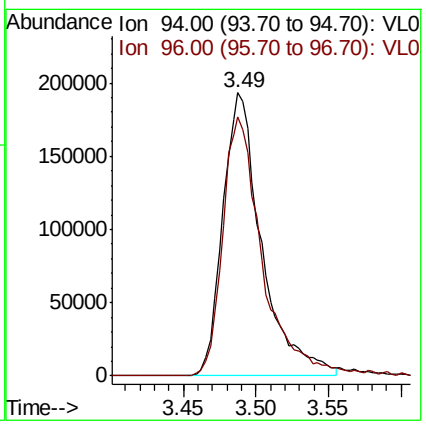


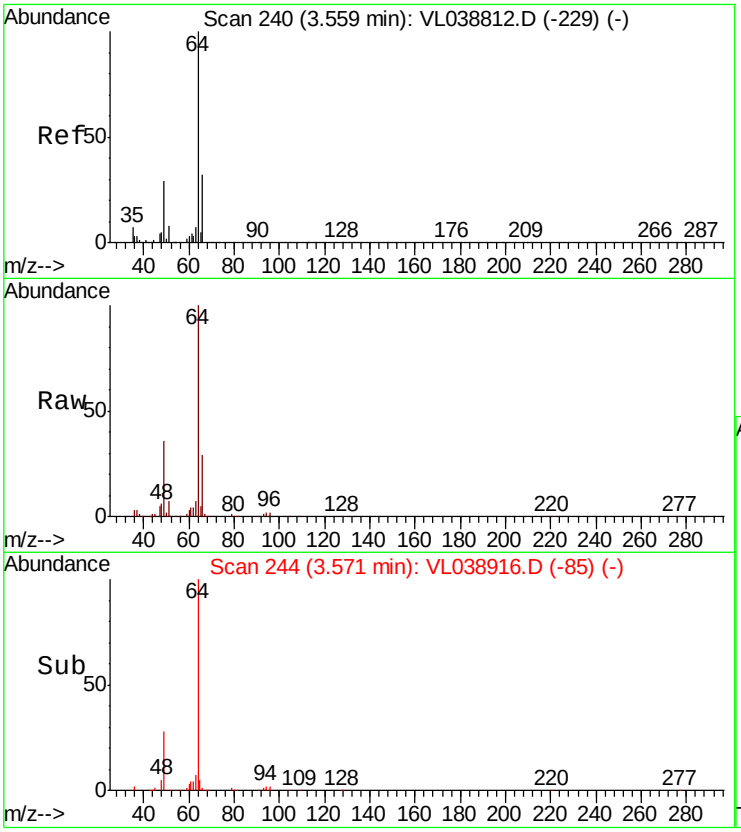


#6
Bromomethane
Concen: 10.853 ppbv
RT: 3.49 min Scan# 218
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 94 Resp: 360278

Ion	Ratio	Lower	Upper
94	100		
96	91.6	73.2	109.8



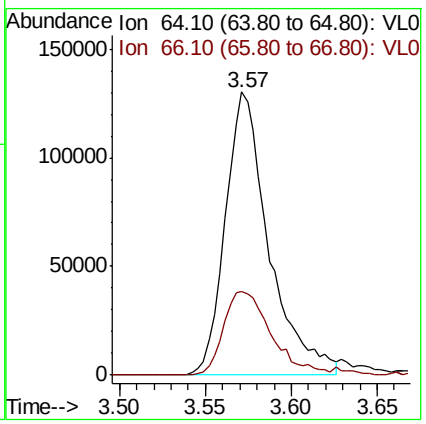


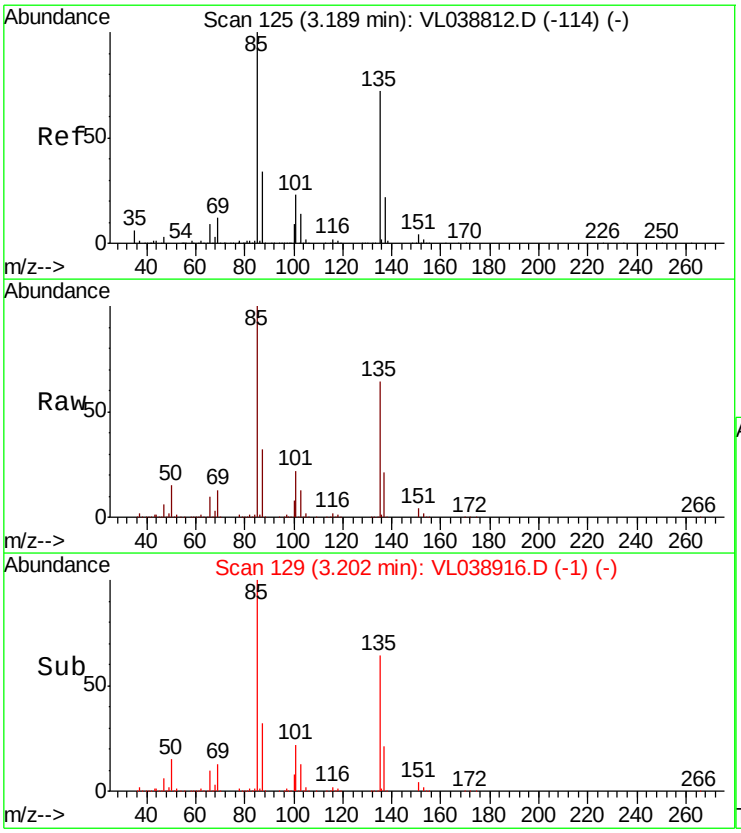
#7
Chloroethane
Concen: 10.007 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 228969

Ion	Ratio	Lower	Upper
64	100		
66	29.4	25.4	38.2

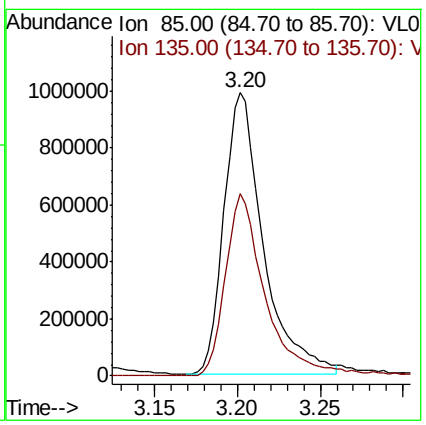


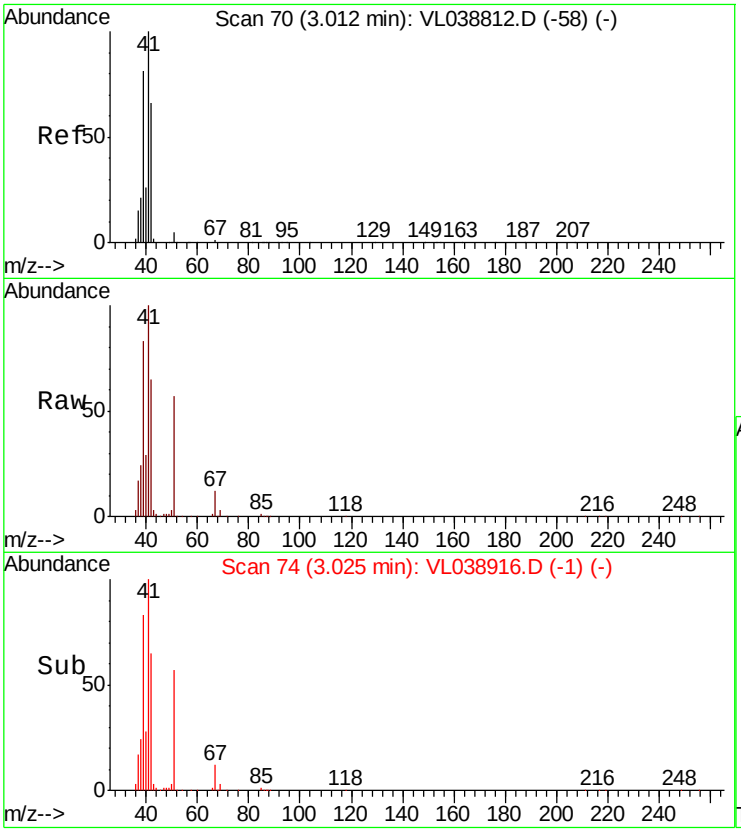


#8
Dichlorotetrafluoroethane
Concen: 10.538 ppbv
RT: 3.20 min Scan# 129
Delta R.T. 0.01 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 85 Resp: 1640733

Ion	Ratio	Lower	Upper
85	100		
135	66.2	57.0	85.6



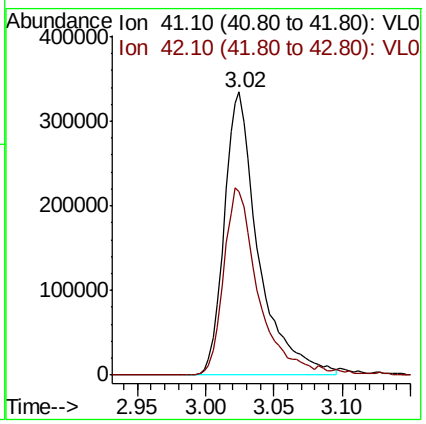


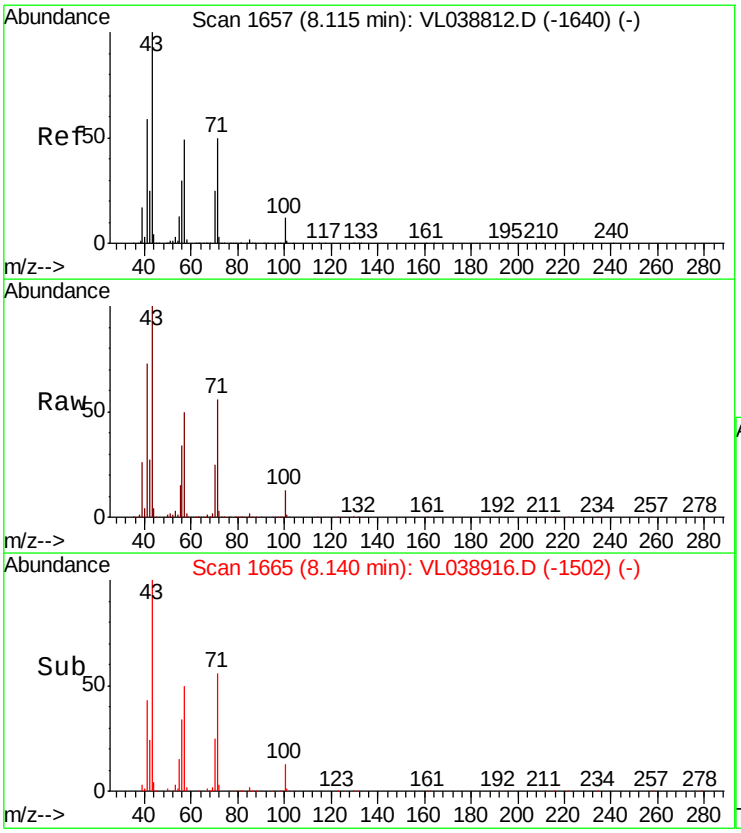
#9
Propene
Concen: 7.680 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 582722

Ion	Ratio	Lower	Upper
41	100		
42	68.4	54.2	81.4

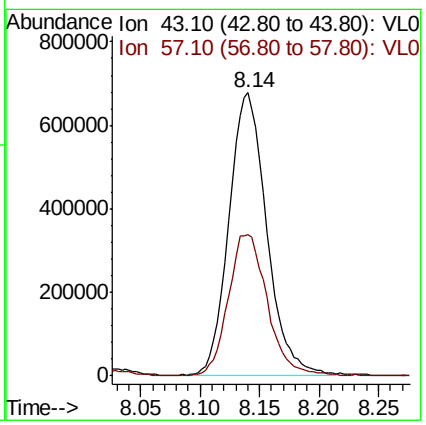


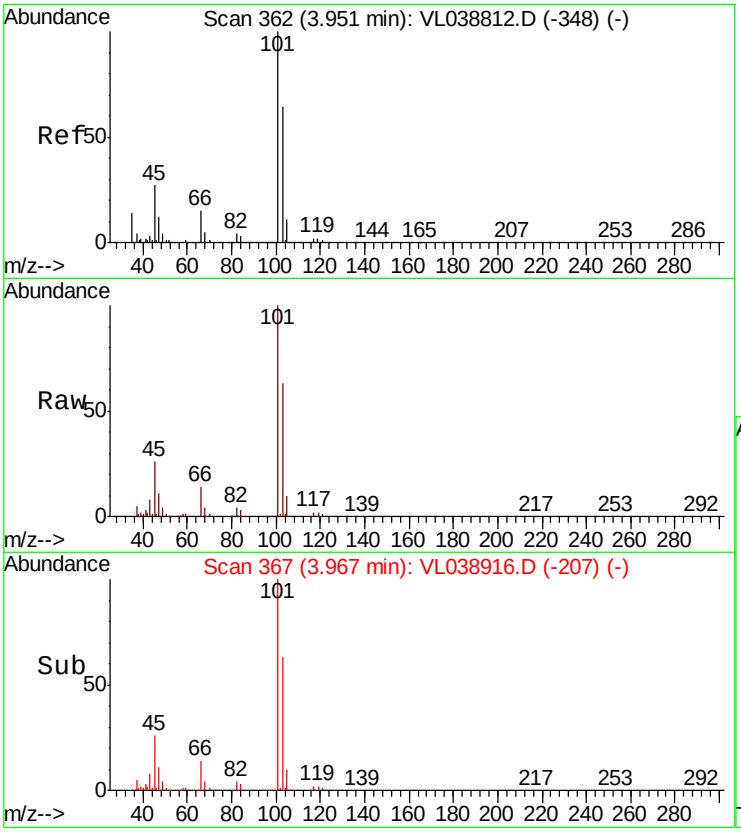


#10
Heptane
Concen: 7.751 ppbv
RT: 8.14 min Scan# 1665
Delta R.T. 0.03 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 43 Resp: 1481324

Ion	Ratio	Lower	Upper
43	100		
57	51.9	39.3	58.9



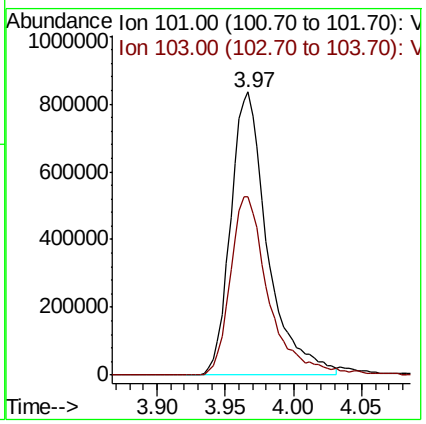


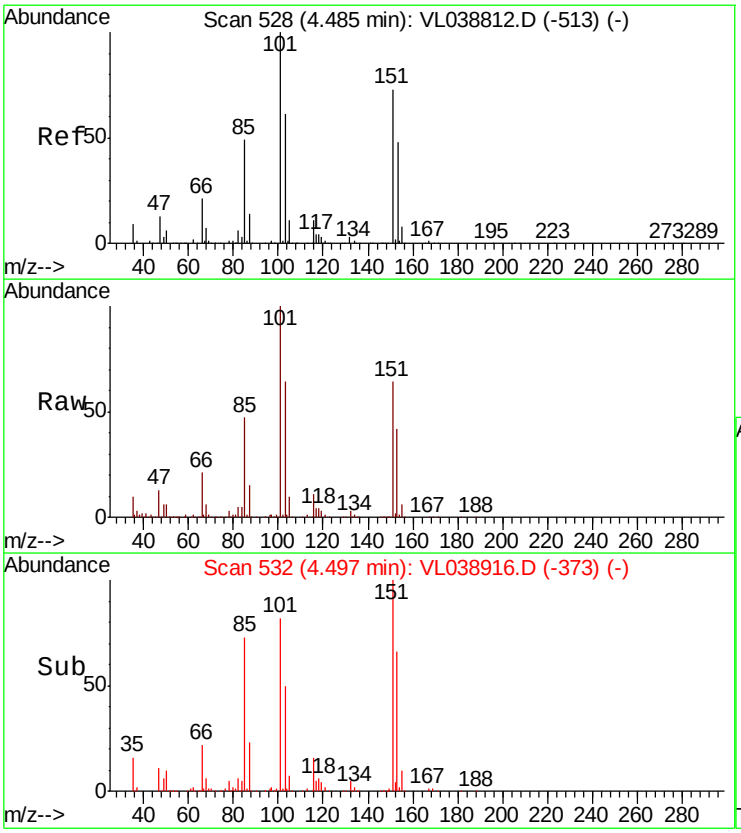
#11
Trichlorofluoromethane
Concen: 11.732 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1571264

Ion	Ratio	Lower	Upper
101	100		
103	62.9	51.4	77.0

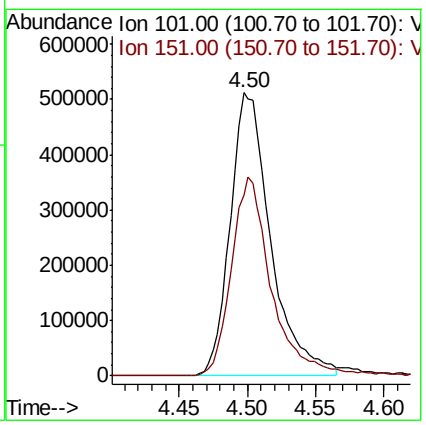


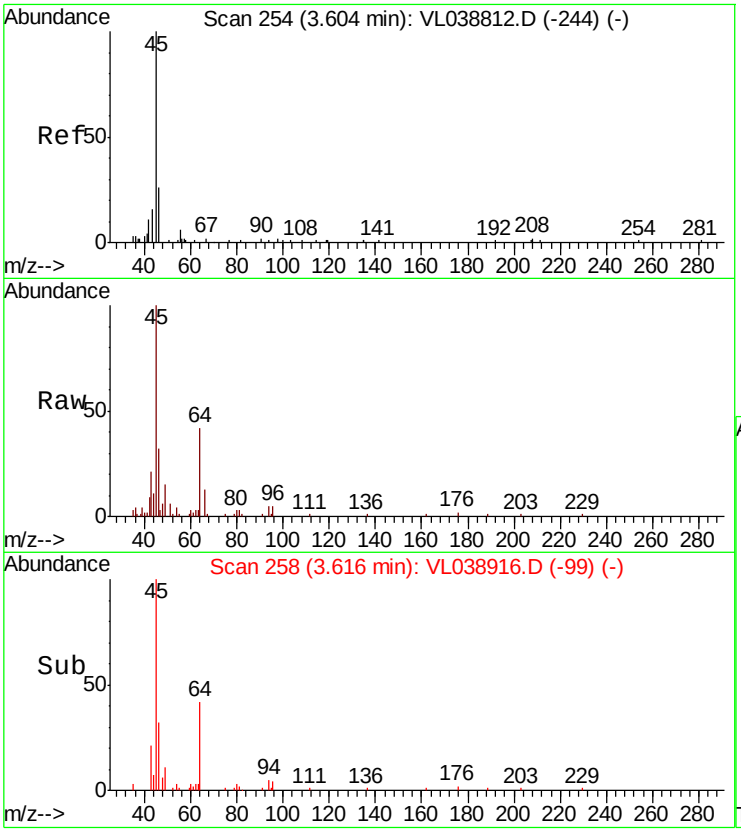


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.305 ppbv
RT: 4.50 min Scan# 532
Delta R.T. 0.01 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:101 Resp: 1057154

Ion	Ratio	Lower	Upper
101	100		
151	70.0	59.9	89.9



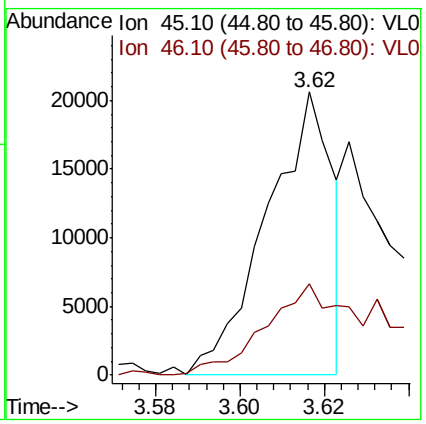


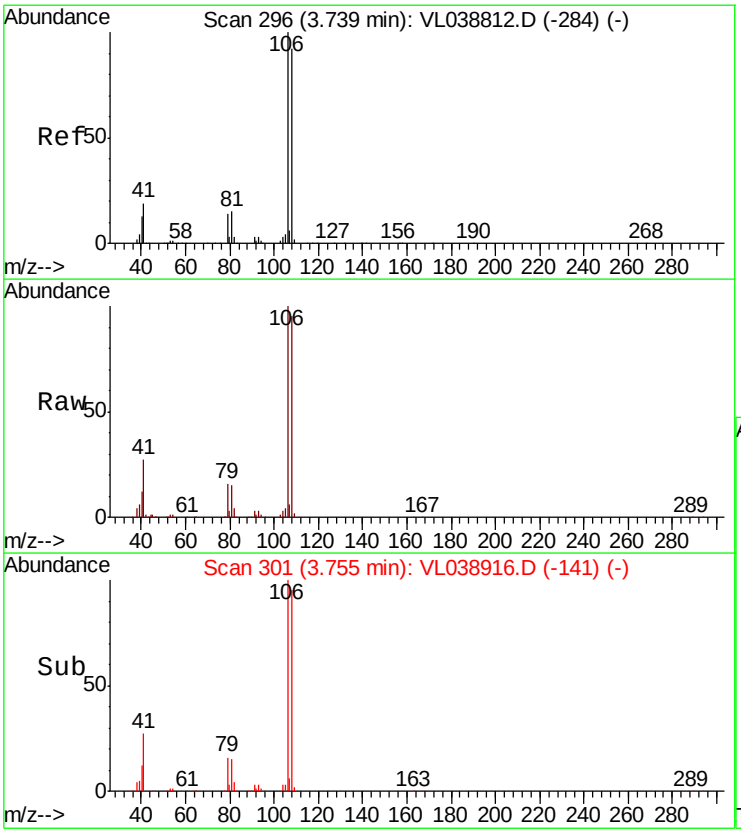
#13
Ethanol
Concen: 4.826 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 22250

Ion	Ratio	Lower	Upper
45	100		
46	78.5	0.0	0.0#

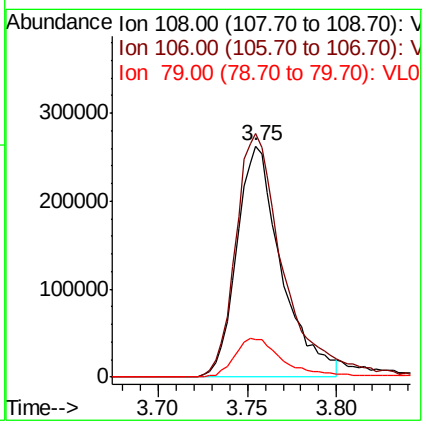


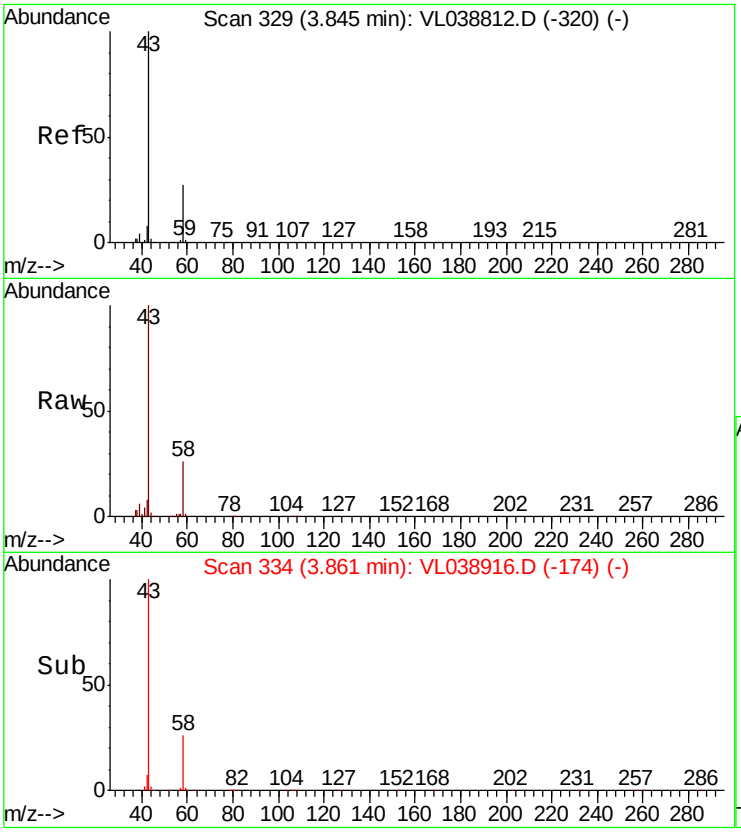


#14
Bromoethene
Concen: 10.163 ppbv
RT: 3.75 min Scan# 301
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:108 Resp: 458543

Ion	Ratio	Lower	Upper
108	100		
106	115.6	91.5	137.3
79	19.0	13.7	20.5



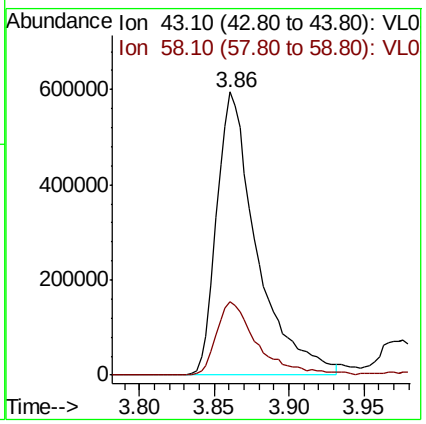


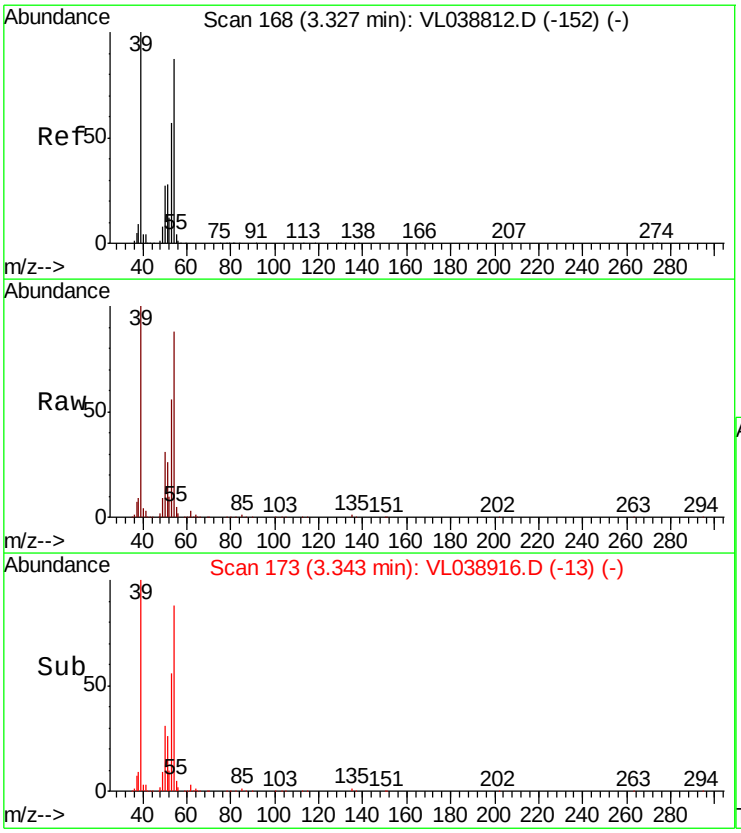
#15
Acetone
Concen: 9.474 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1108311

Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.5	33.7

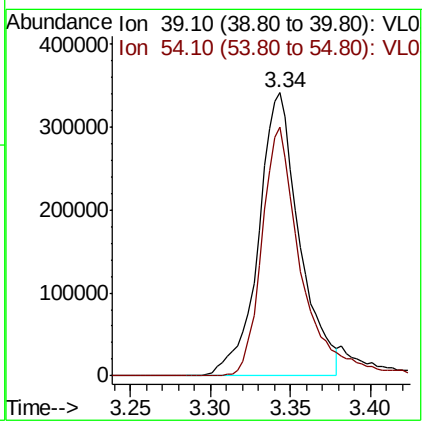


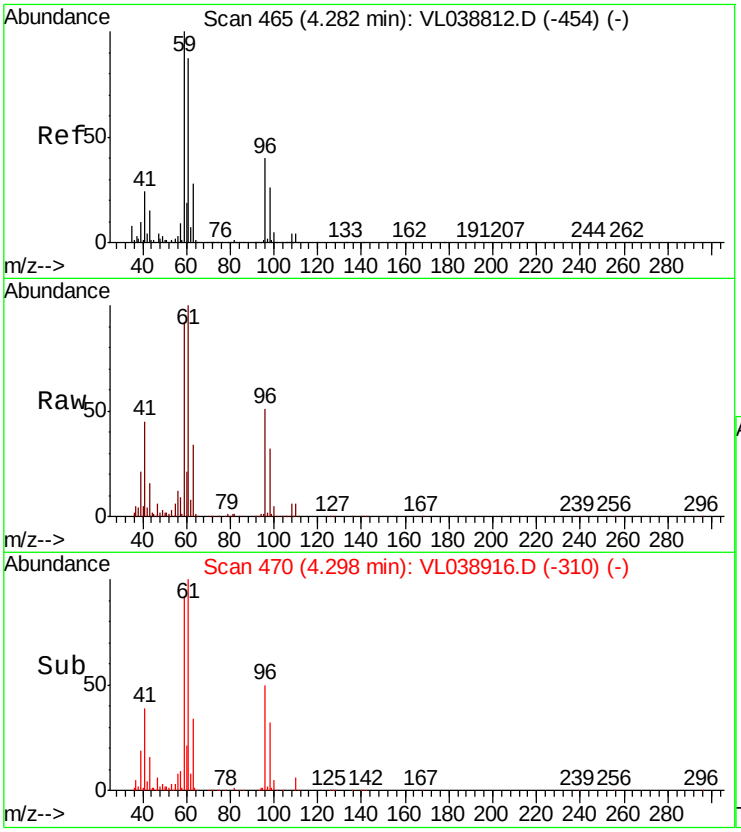


#16
1,3-Butadiene
Concen: 9.038 ppbv
RT: 3.34 min Scan# 173
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 39 Resp: 604452

Ion	Ratio	Lower	Upper
39	100		
54	86.1	64.8	97.2



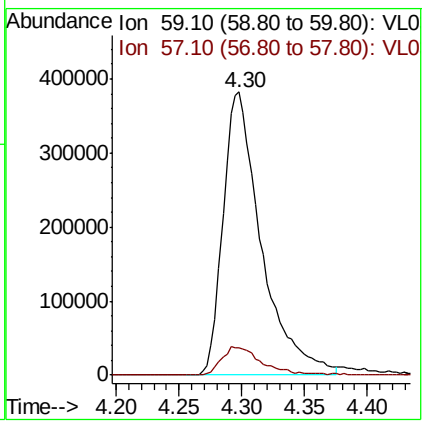


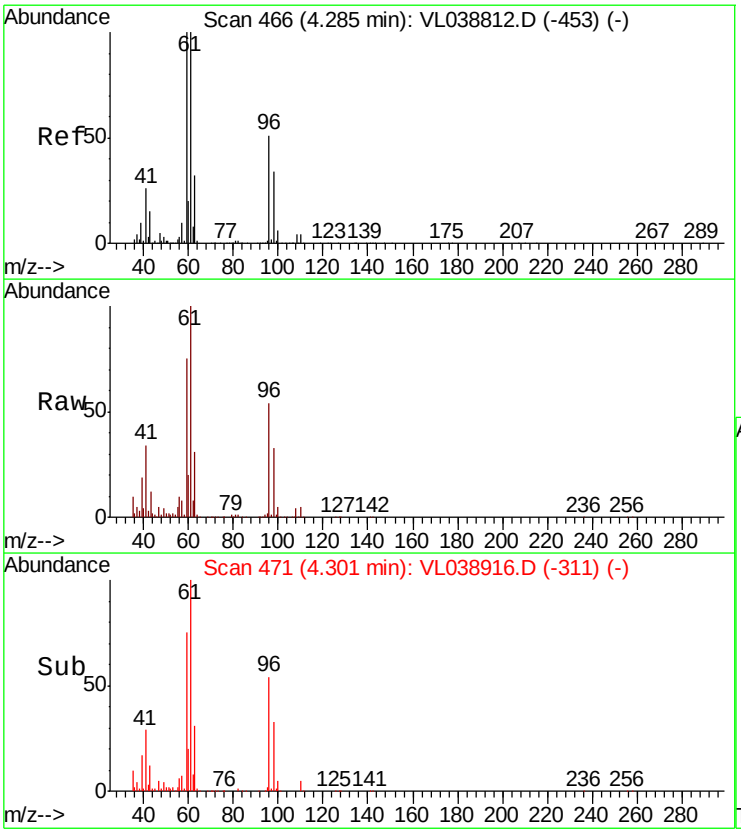
#17
tert-Butyl alcohol
Concen: 7.752 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 813188

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

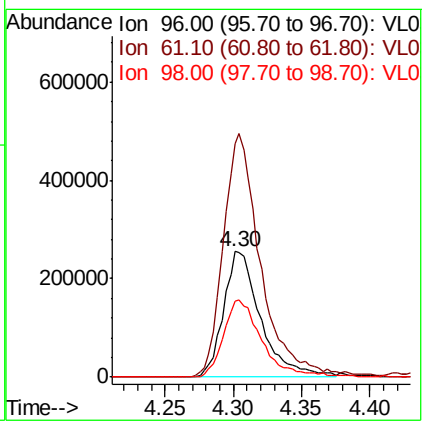


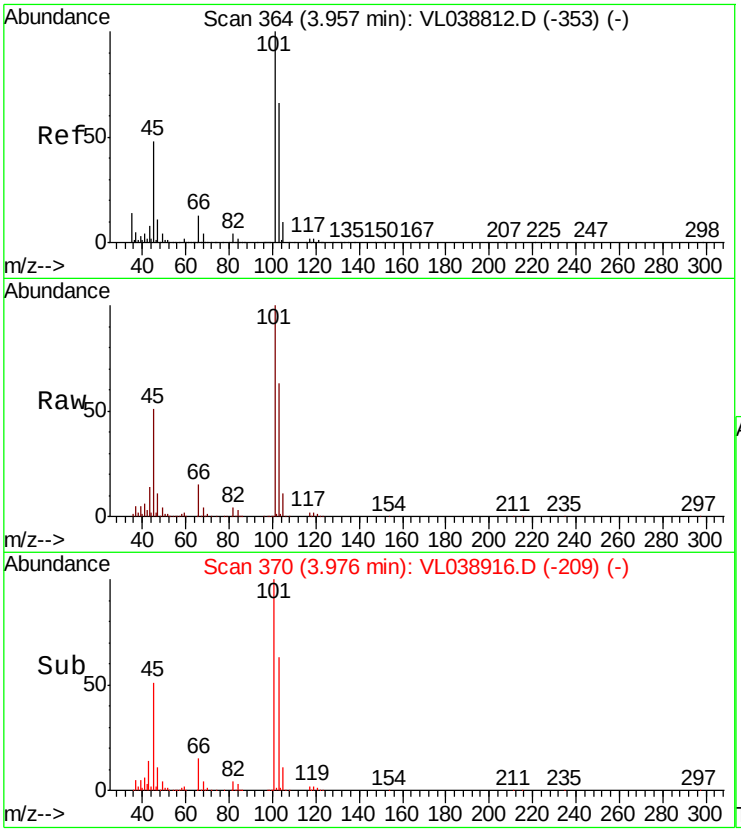


#18
1,1-Dichloroethene
Concen: 10.346 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 96 Resp: 483818

Ion	Ratio	Lower	Upper
96	100		
61	185.8	156.1	234.1
98	60.7	53.0	79.6



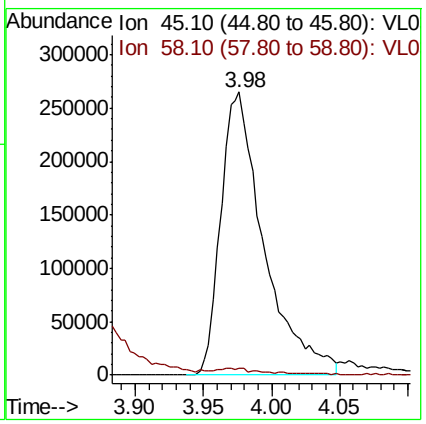


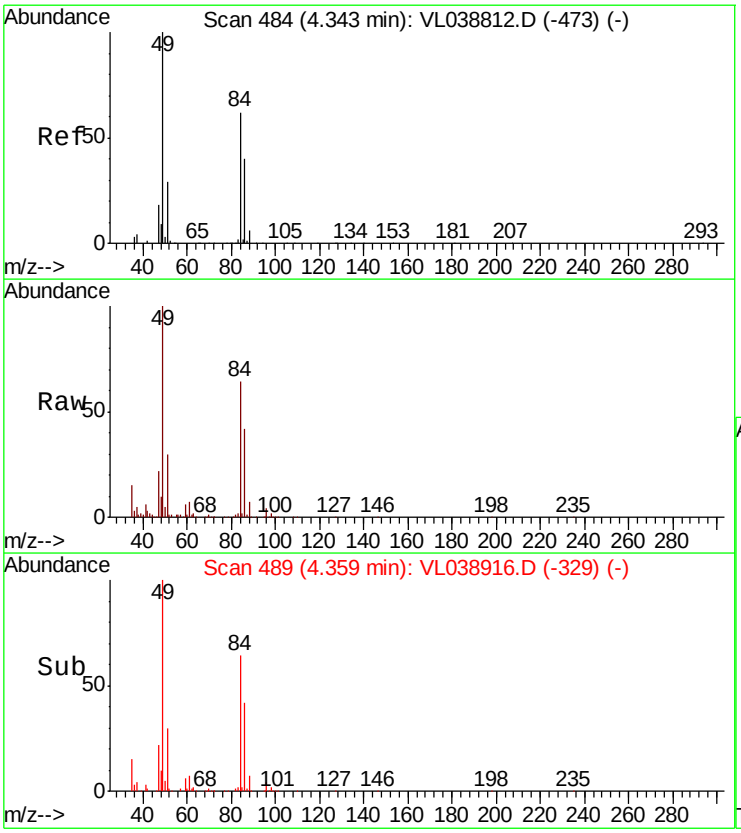
#19
Isopropyl Alcohol
Concen: 9.754 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 583210

Ion	Ratio	Lower	Upper
45	100		
58	2.6	0.0	0.0#

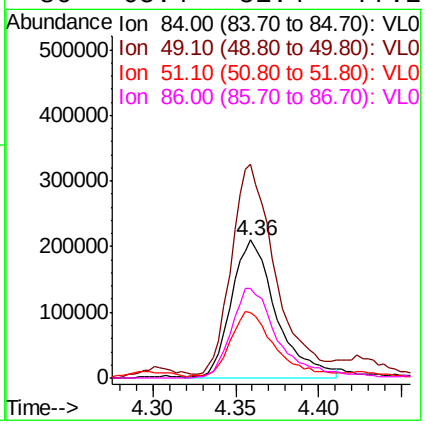


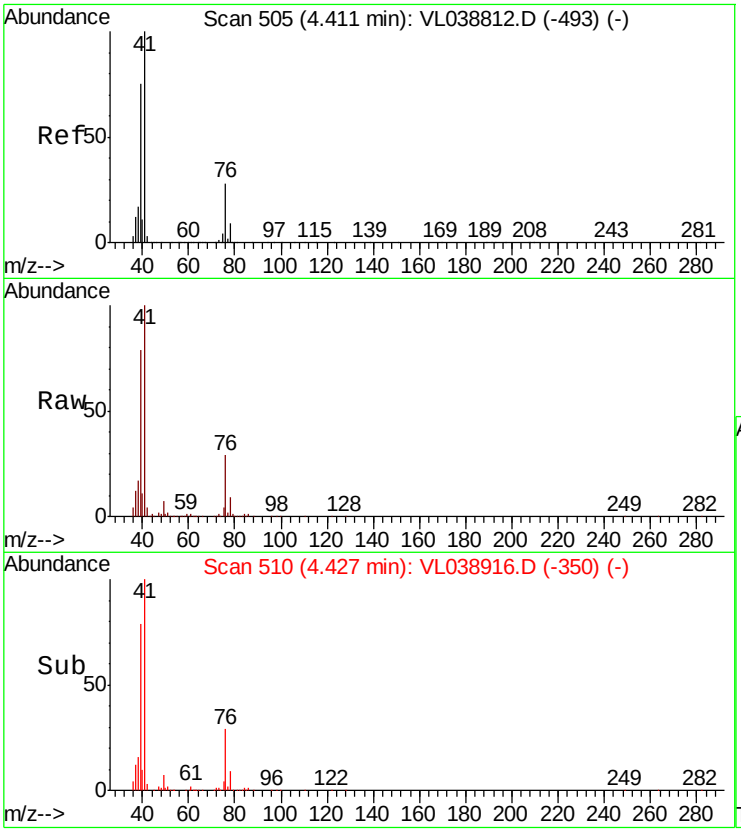


#20
Methylene Chloride
Concen: 9.269 ppbv
RT: 4.36 min Scan# 489
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 84 Resp: 393259

Ion	Ratio	Lower	Upper
84	100		
49	151.6	129.4	194.0
51	45.9	37.4	56.2
86	65.4	51.4	77.2



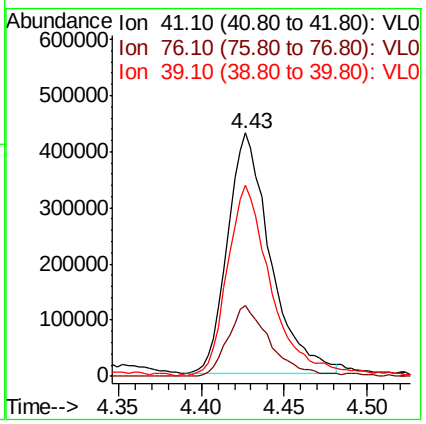


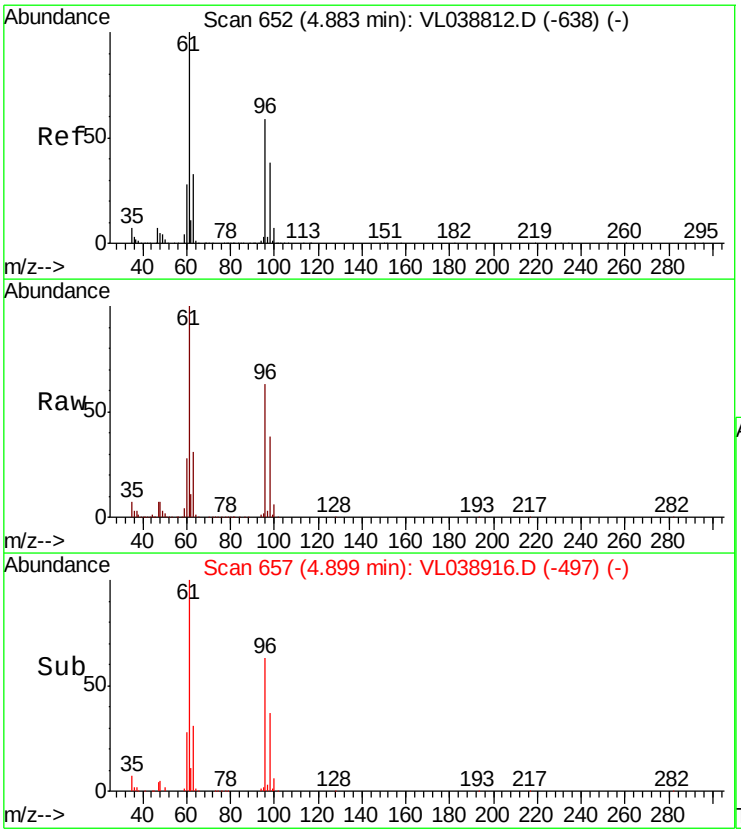
#21
Allyl Chloride
Concen: 8.755 ppbv
RT: 4.43
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 766850

Ion	Ratio	Lower	Upper
41	100		
76	29.8	23.7	35.5
39	81.6	62.0	93.0

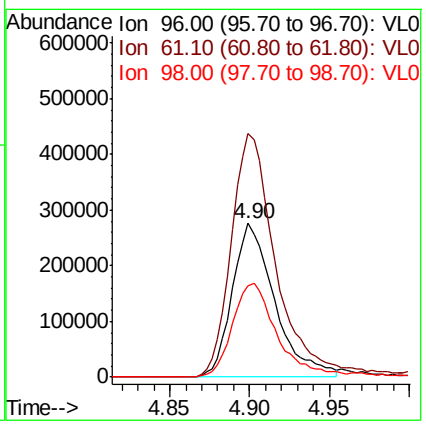


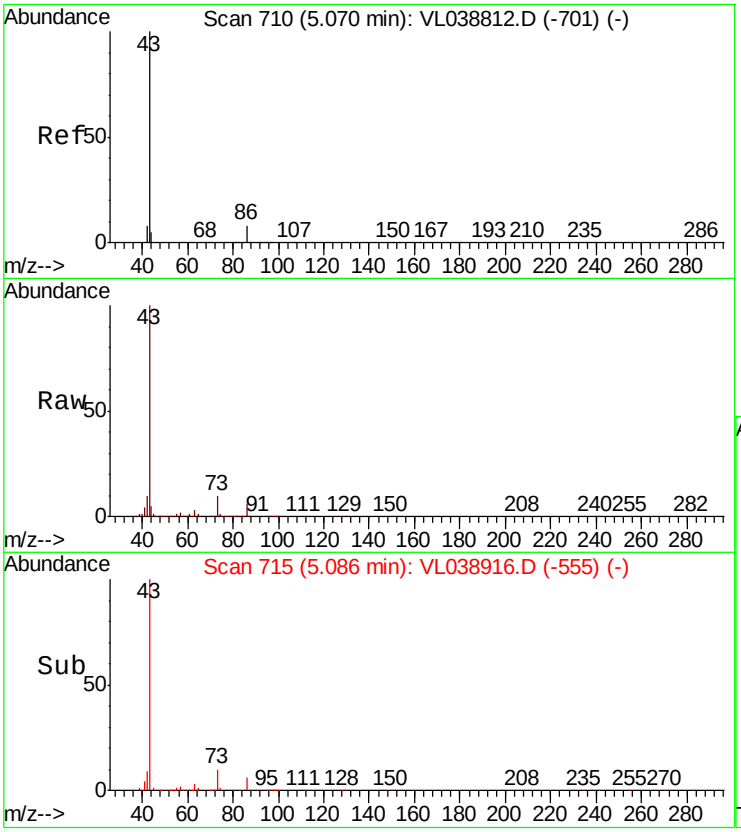


#22
trans-1,2-Dichloroethene
Concen: 10.546 ppbv
RT: 4.90 min Scan# 657
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 96 Resp: 499350

Ion	Ratio	Lower	Upper
96	100		
61	158.1	134.8	202.2
98	59.2	51.9	77.9



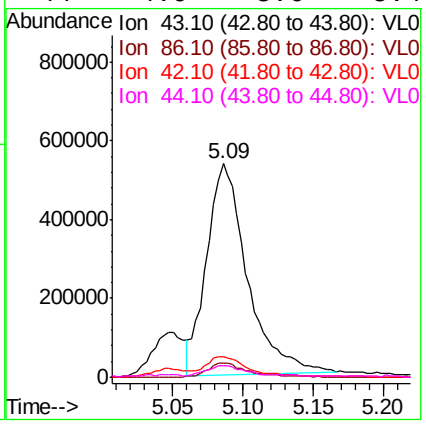


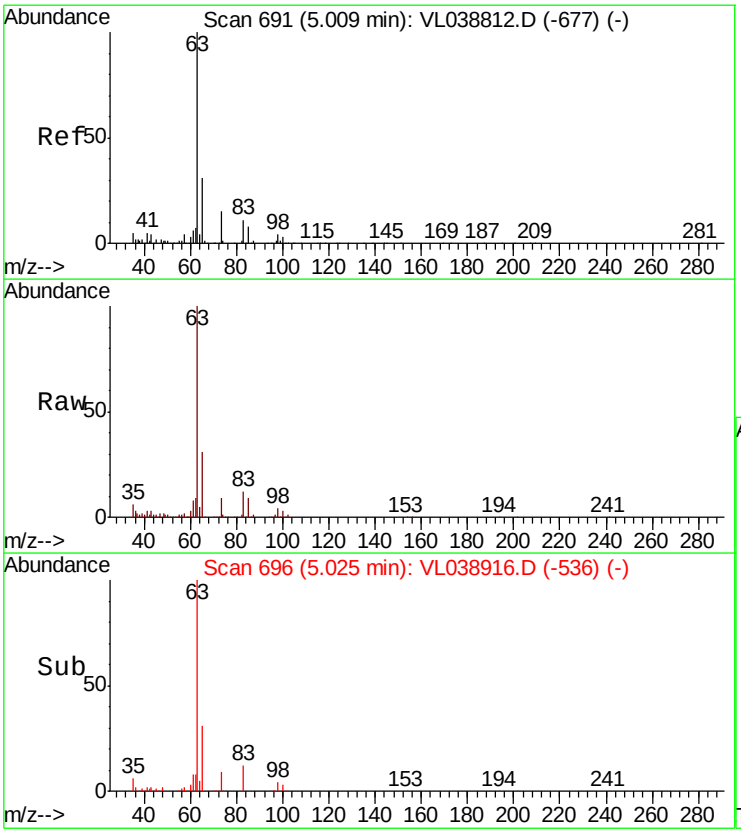
#23
Vinyl Acetate
Concen: 9.401 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1071006

Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.8	8.6
42	9.0	7.8	11.6
44	4.9	3.6	5.4

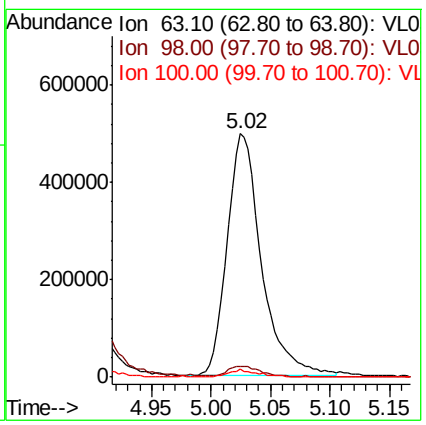


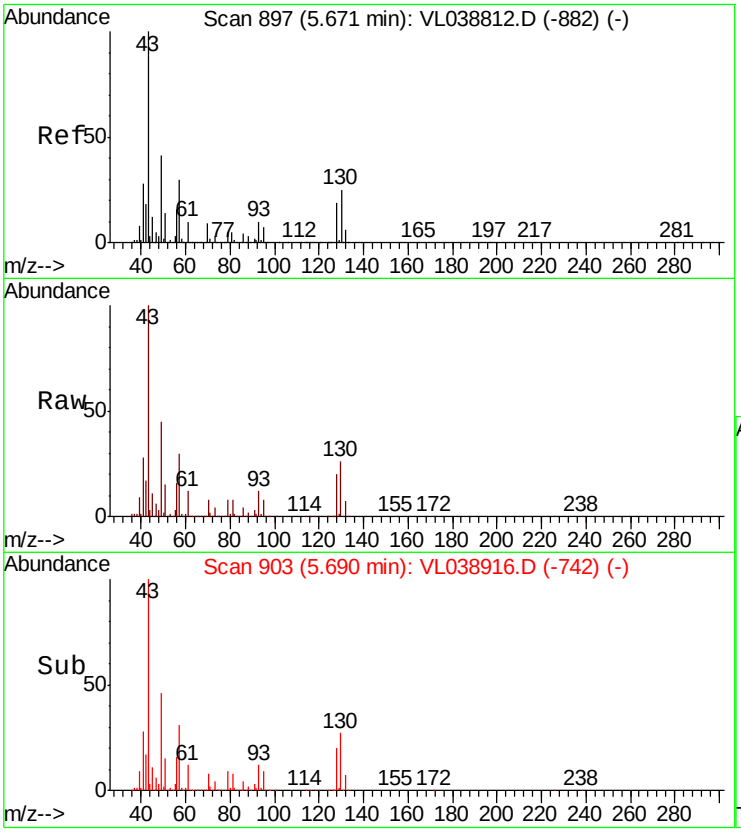


#24
1,1-Dichloroethane
Concen: 9.684 ppbv
RT: 5.02 min Scan# 696
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 63 Resp: 996981

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.2	6.6
100	3.2	1.4	4.0



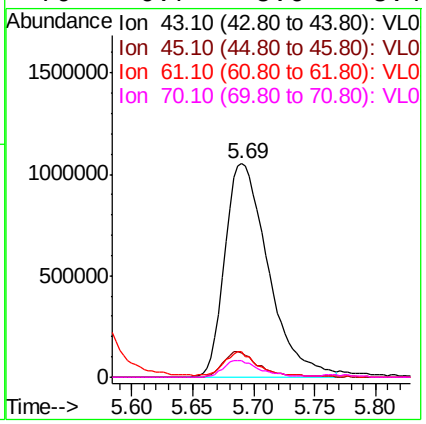


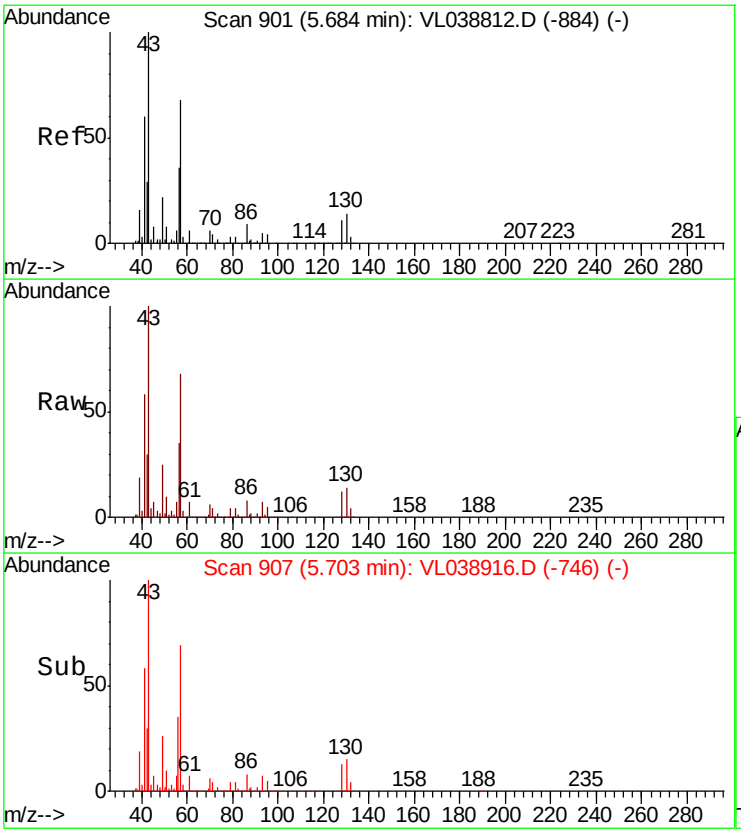
#25
Ethyl Acetate
Concen: 8.765 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2601726

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.4	12.6
61	10.2	7.9	11.9
70	6.7	5.6	8.4

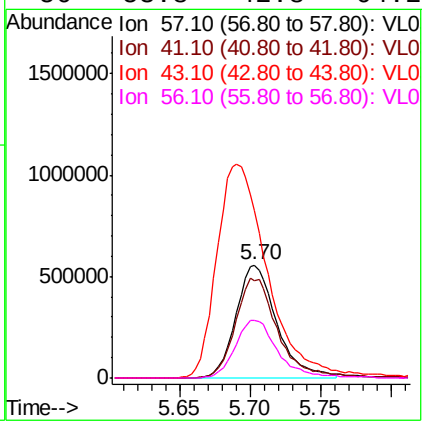


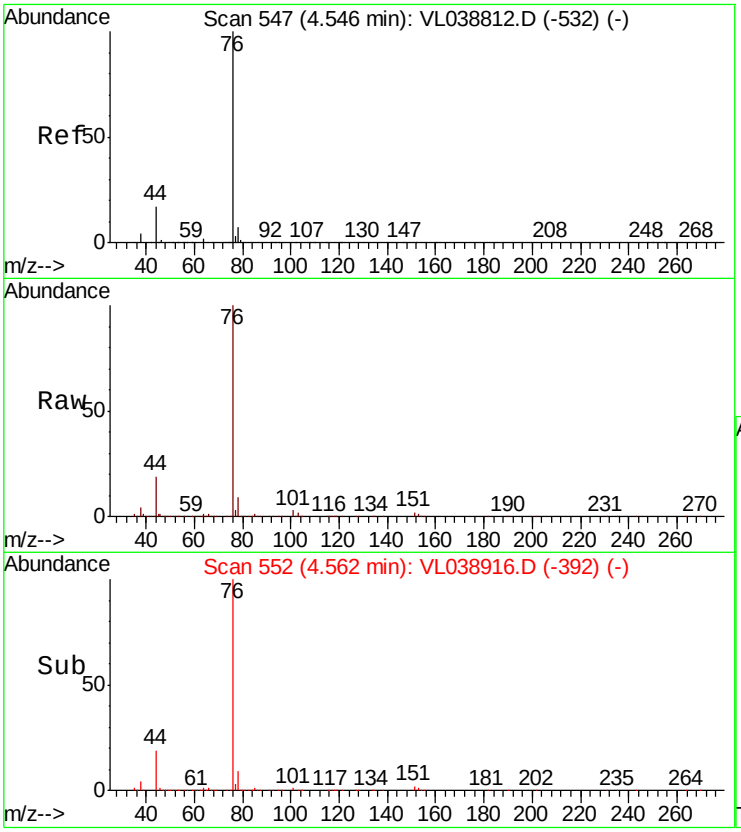


#26
Hexane
Concen: 8.347 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 57 Resp: 1127776

Ion	Ratio	Lower	Upper
57	100		
41	93.3	72.0	108.0
43	234.9	186.6	280.0
56	53.8	42.8	64.2



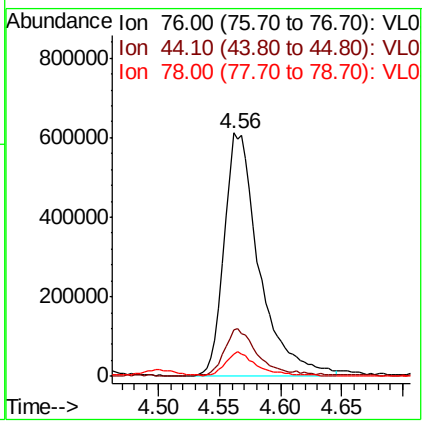


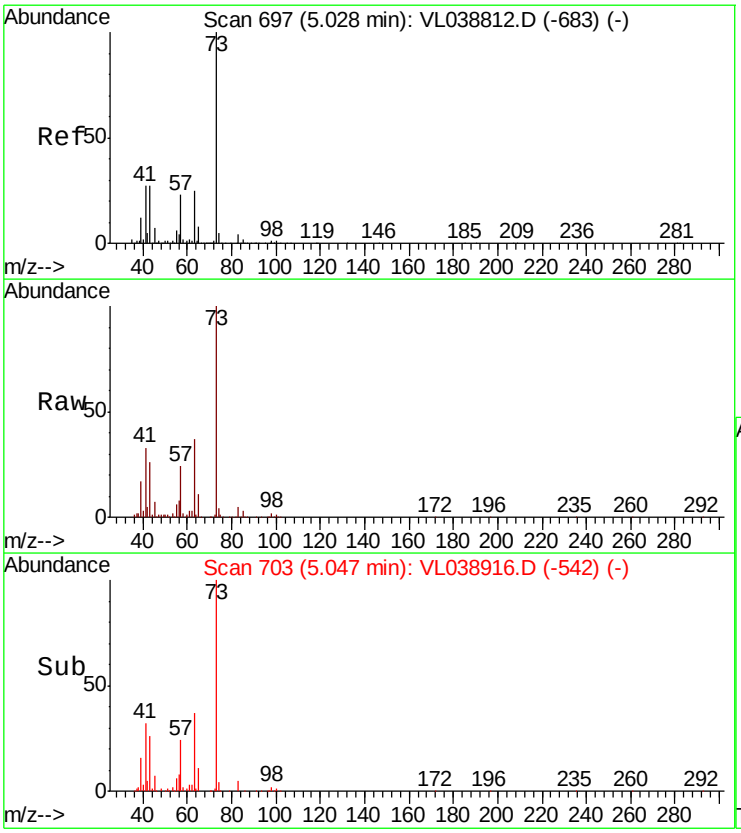
#27
Carbon Disulfide
Concen: 9.926 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1229828

Ion	Ratio	Lower	Upper
76	100		
44	18.5	15.7	23.5
78	9.7	7.8	11.8

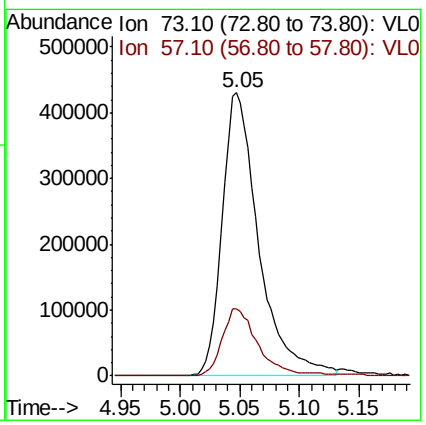


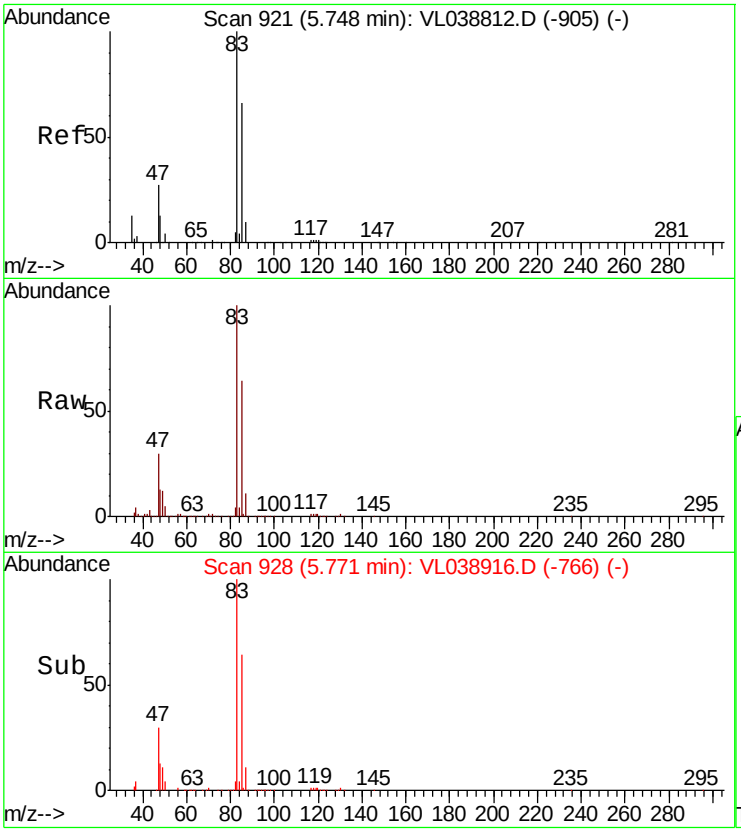


#28
Methyl tert-Butyl Ether
Concen: 8.782 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 73 Resp: 916435

Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.7	29.5



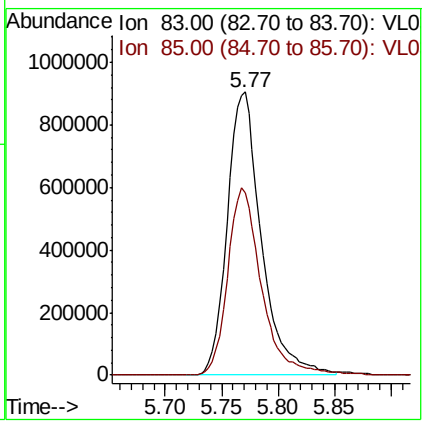


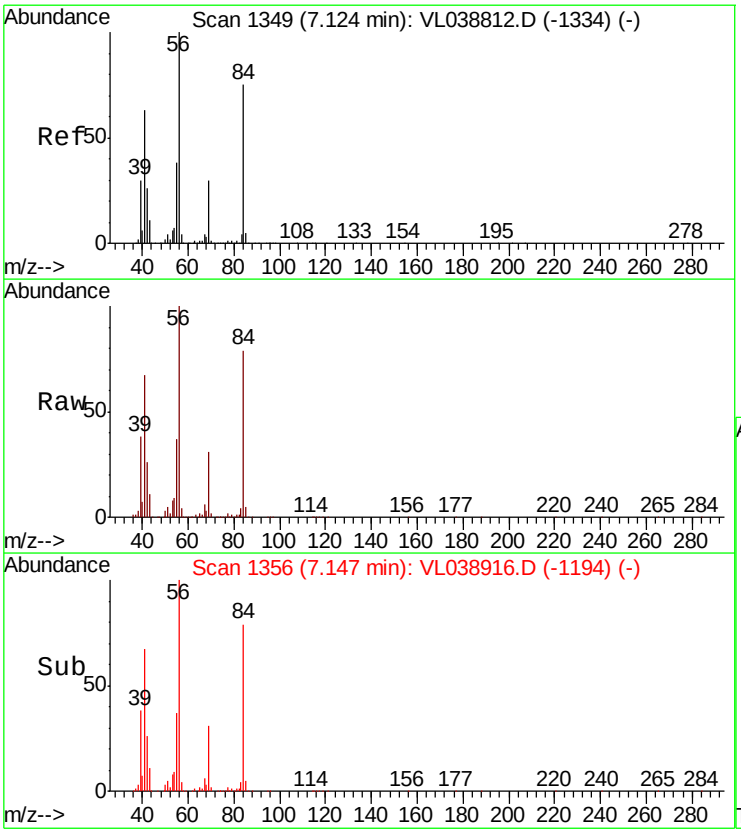
#29
Chloroform
Concen: 10.082 ppbv
RT: 5.77
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1905902

Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.5	78.7

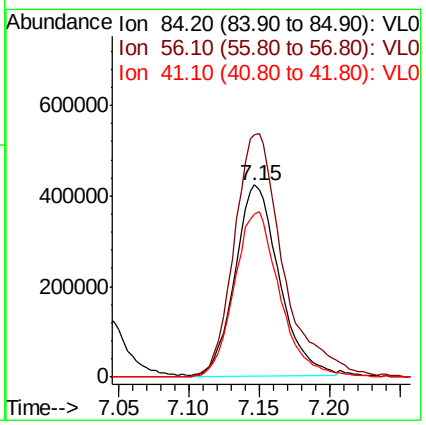


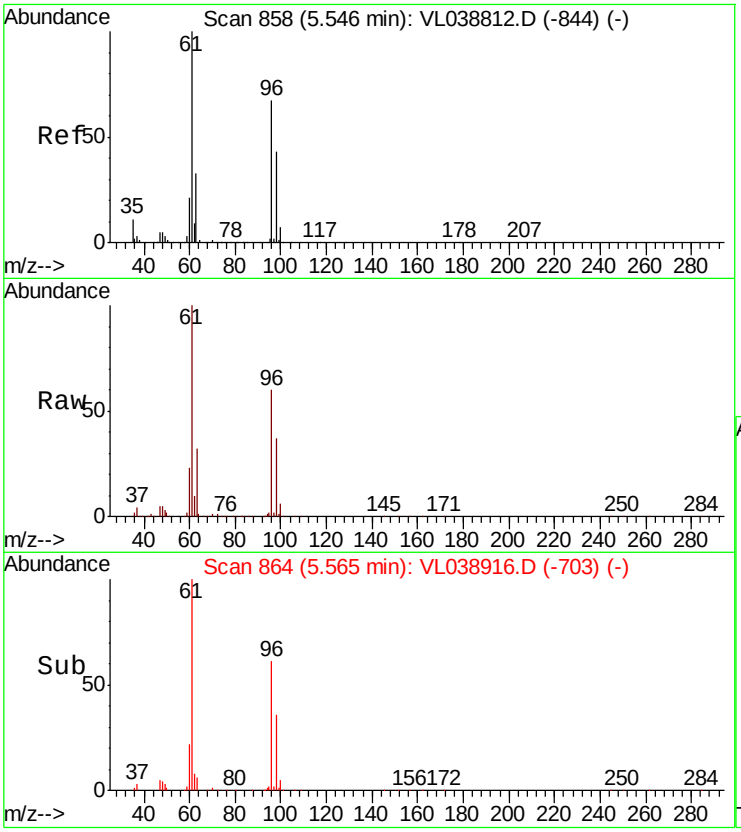


#30
Cyclohexane
Concen: 7.808 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 84 Resp: 929772

Ion	Ratio	Lower	Upper
84	100		
56	141.7	114.4	171.6
41	89.7	69.0	103.4



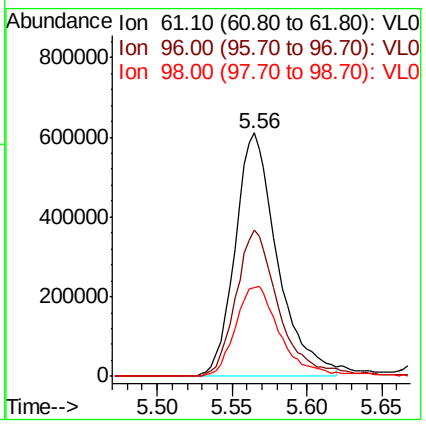


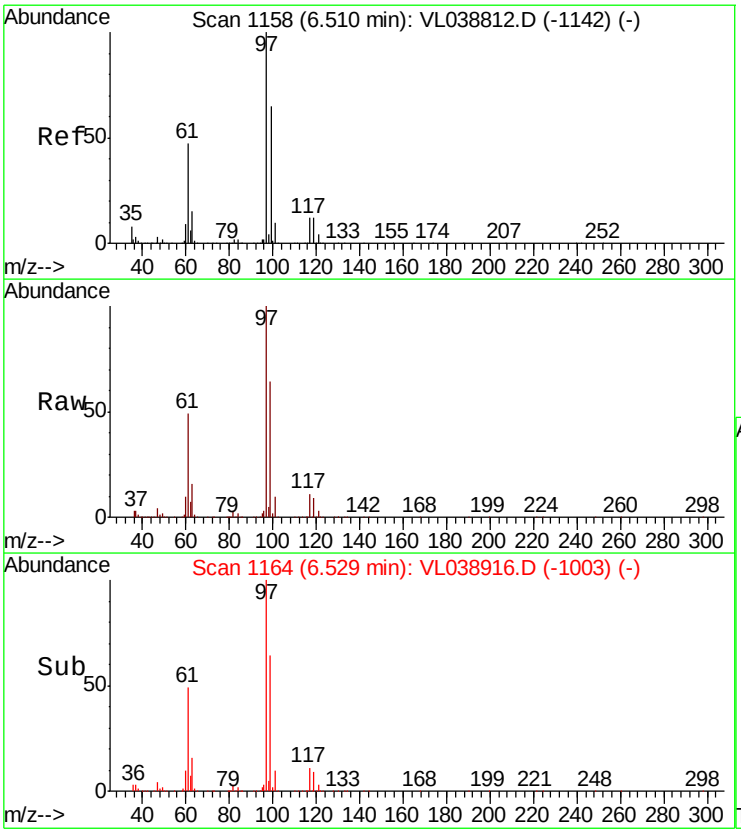
#31
cis-1,2-Dichloroethene
Concen: 9.650 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1198852

Ion	Ratio	Lower	Upper
61	100		
96	60.2	53.4	80.0
98	36.6	34.2	51.4

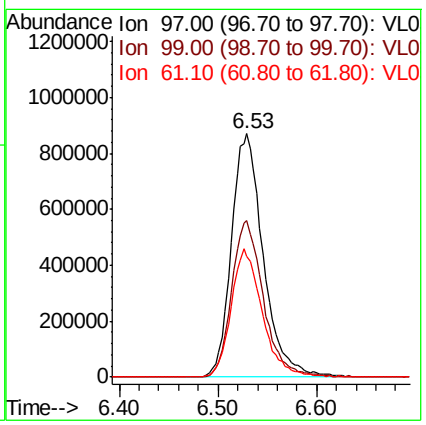


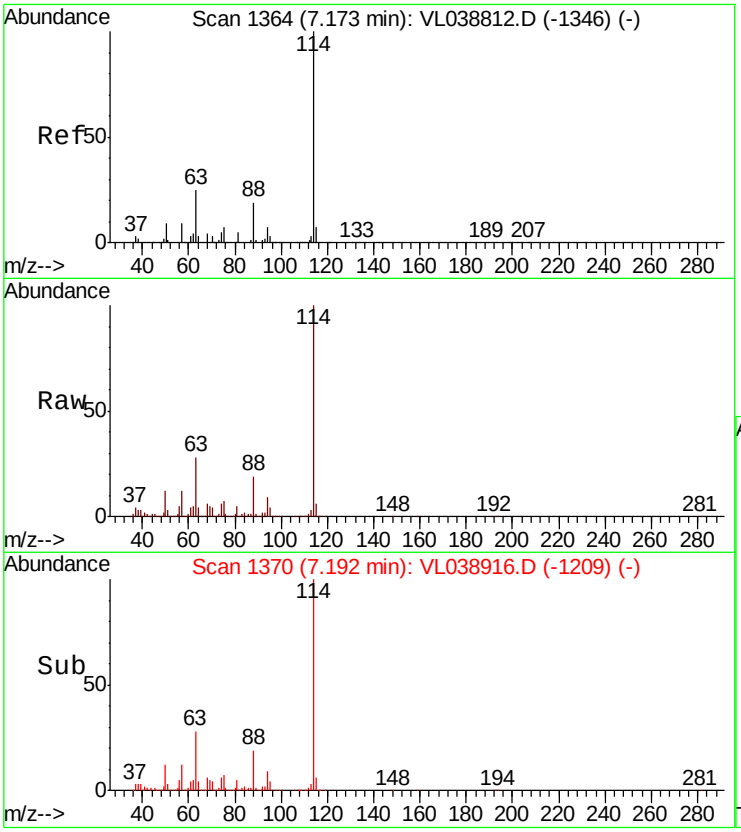


#32
1,1,1-Trichloroethane
Concen: 10.240 ppbv
RT: 6.53 min Scan# 1164
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 97 Resp: 1950274

Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.4	78.6
61	51.8	38.6	57.8



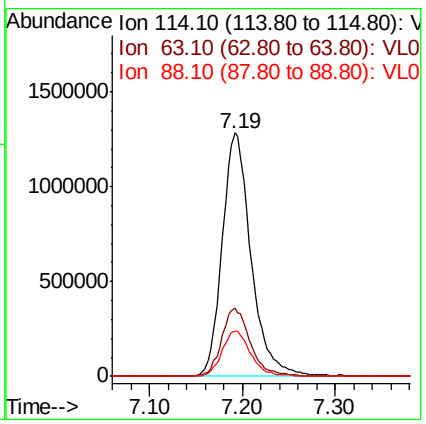


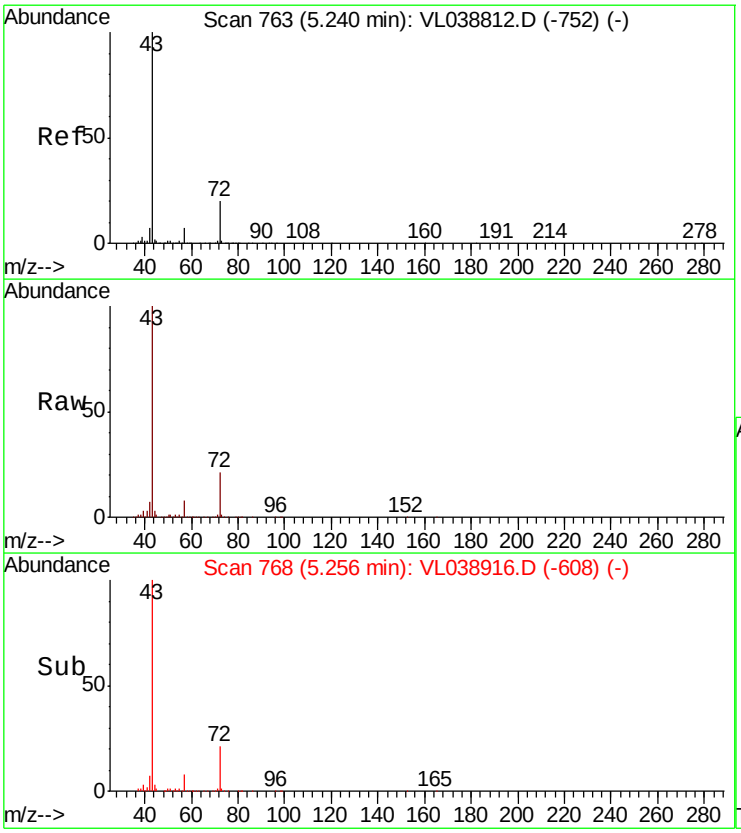
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2770489

Ion	Ratio	Lower	Upper
114	100		
63	28.3	19.8	29.8
88	18.7	14.2	21.4

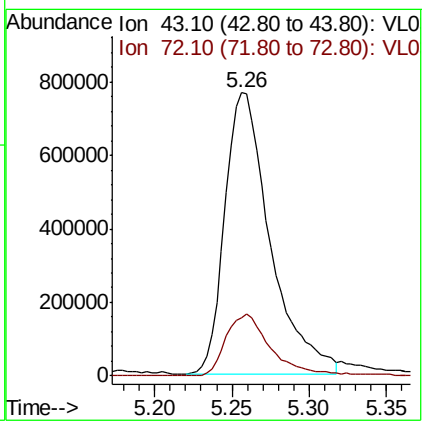


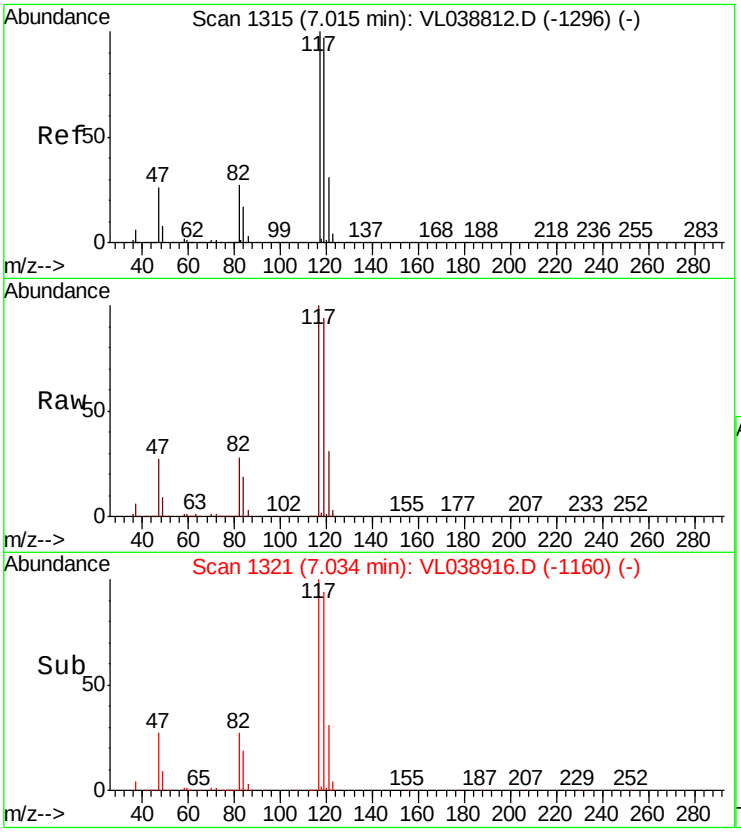


#34
2-Butanone
Concen: 14.208 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 43 Resp: 1555405

Ion	Ratio	Lower	Upper
43	100		
72	22.9	16.9	25.3



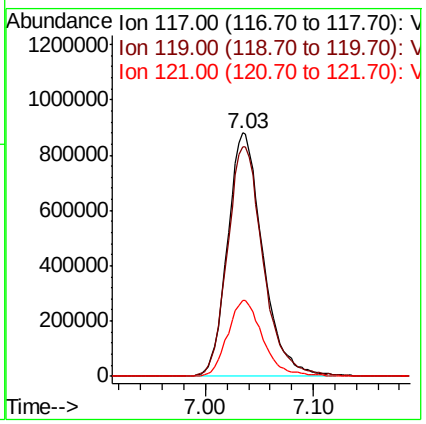


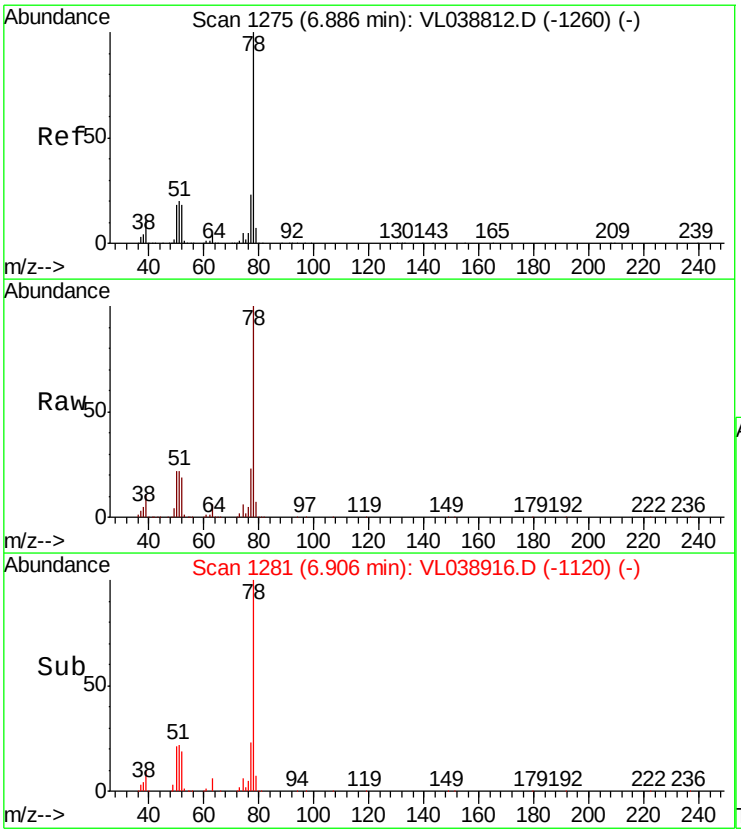
#35
Carbon Tetrachloride
Concen: 12.047 ppbv
RT: 7.03
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2000981

Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.7	116.5
121	31.4	24.5	36.7

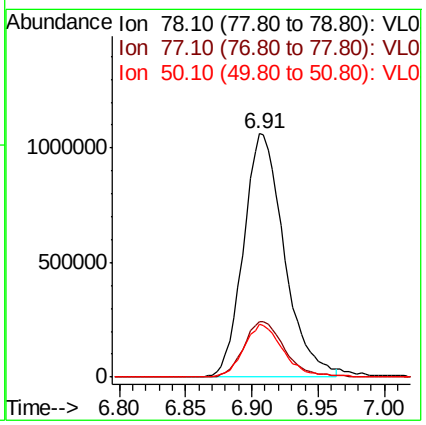


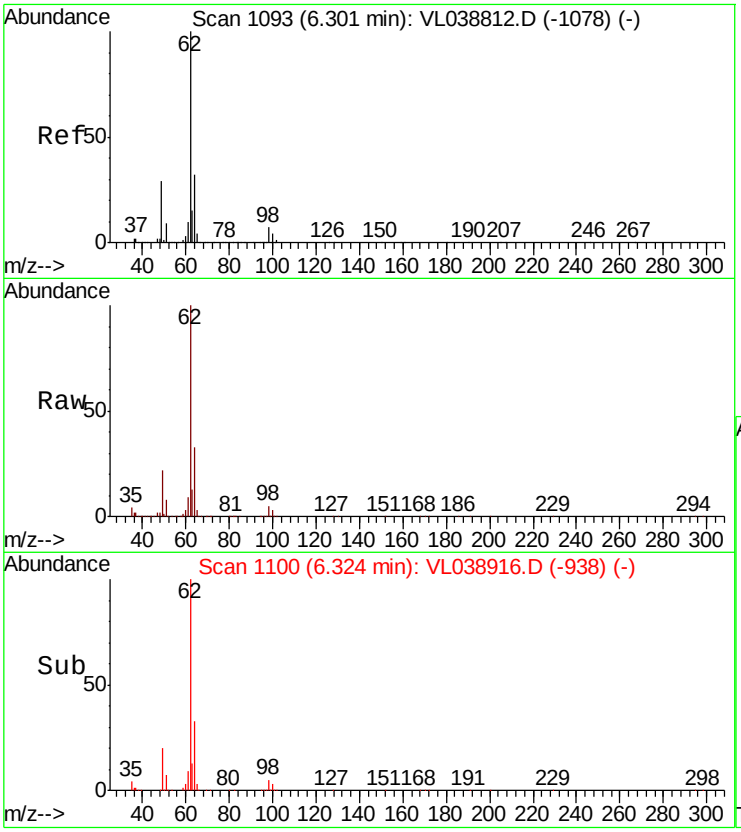


#36
Benzene
Concen: 9.027 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 78 Resp: 2275049

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.2
50	21.5	14.0	21.0#



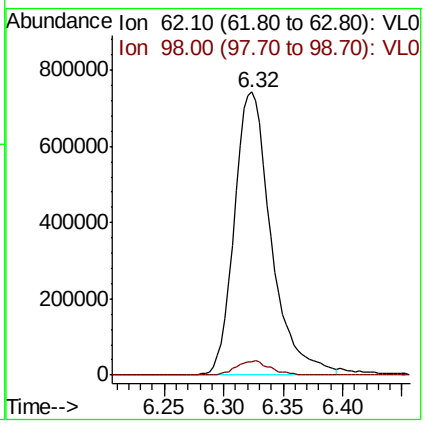


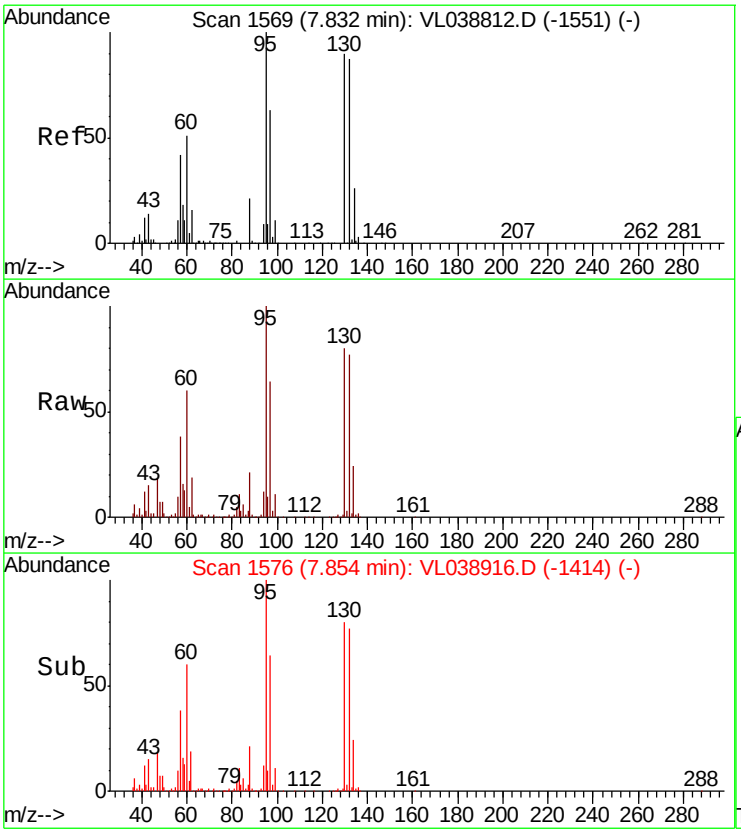
#37
1,2-Dichloroethane
Concen: 13.858 ppbv
RT: 6.32
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1596884

Ion	Ratio	Lower	Upper
62	100		
98	5.0	5.9	8.9#

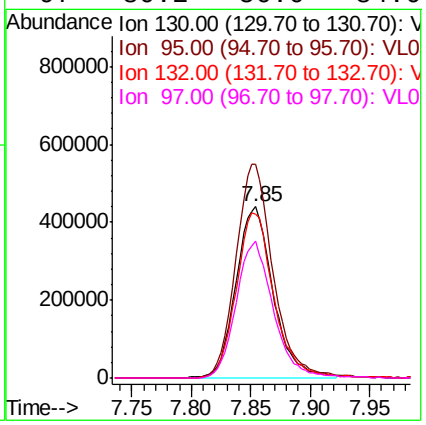


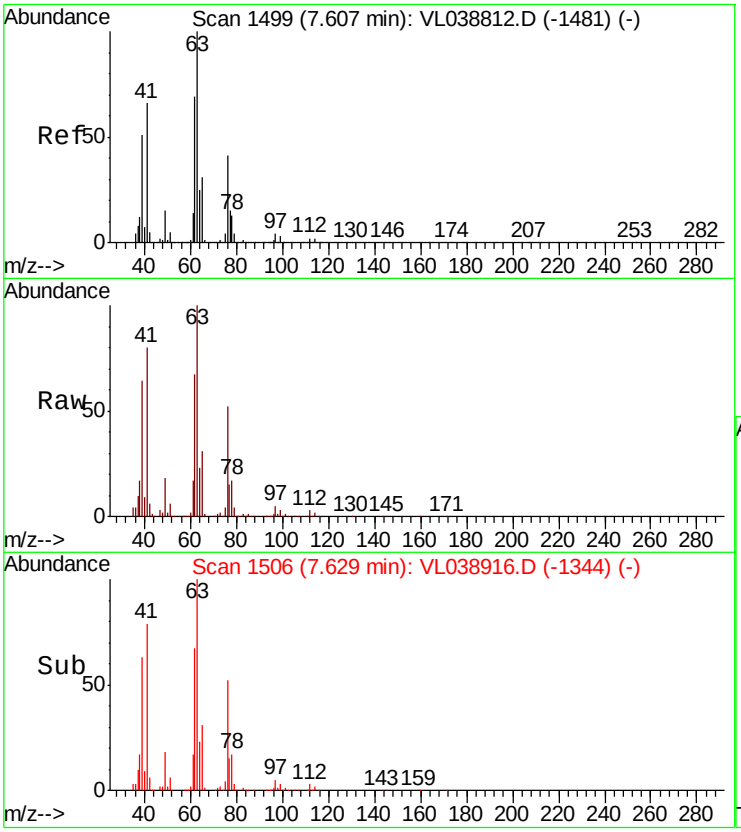


#38
Trichloroethene
Concen: 9.103 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:130 Resp: 941385

Ion	Ratio	Lower	Upper
130	100		
95	125.1	89.4	134.0
132	95.8	77.7	116.5
97	80.2	56.0	84.0



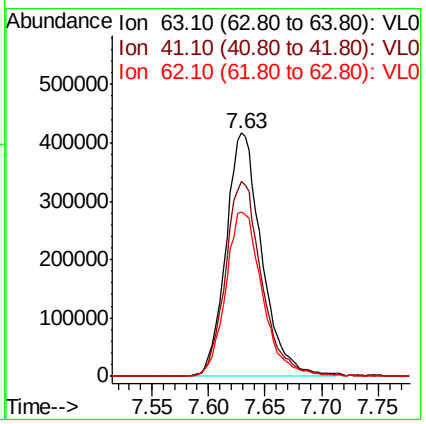


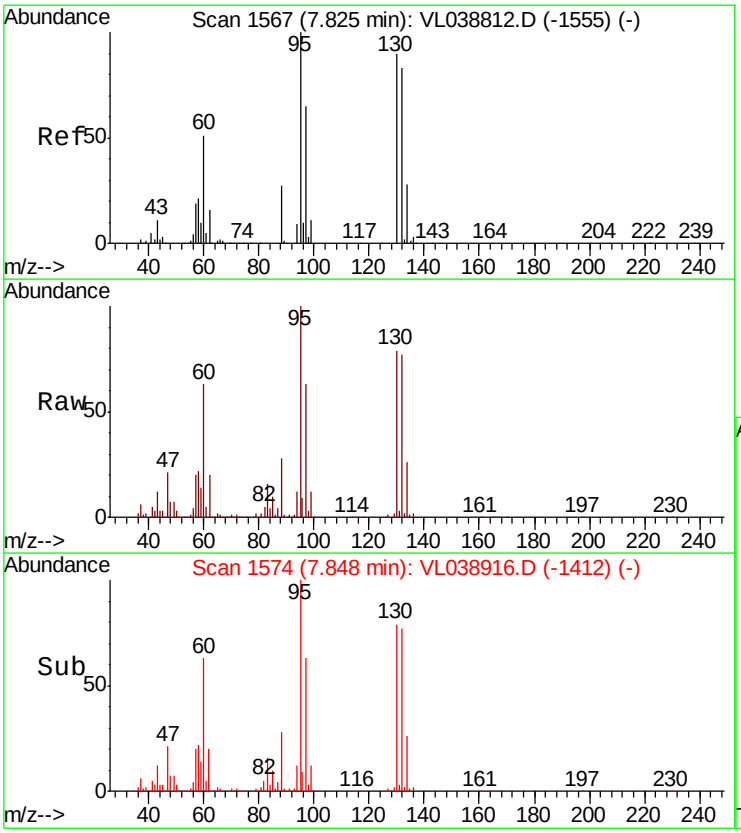
#39
1,2-Dichloropropane
Concen: 9.494 ppbv
RT: 7.63
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 915213

Ion	Ratio	Lower	Upper
63	100		
41	80.1	53.0	79.6#
62	67.4	55.0	82.4

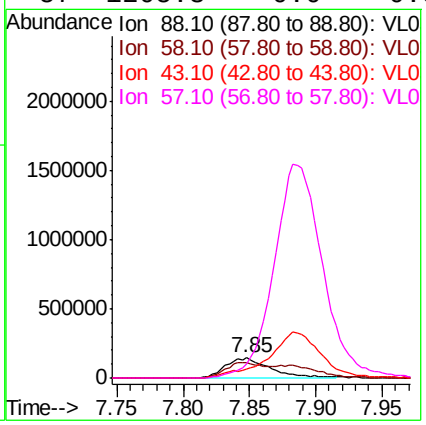


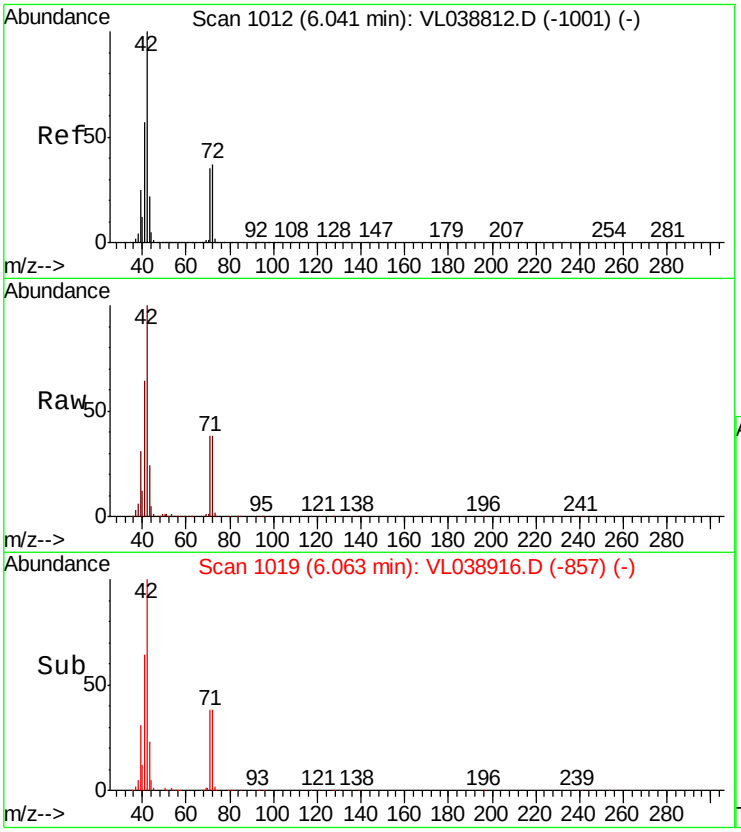


#40
1,4-Dioxane
Concen: 10.125 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 88 Resp: 331435

Ion	Ratio	Lower	Upper
88	100		
58	135.2	49.4	74.0#
43	279.3	0.0	0.0#
57	1205.3	0.0	0.0#



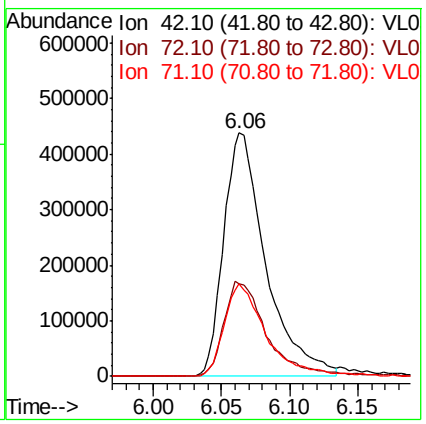


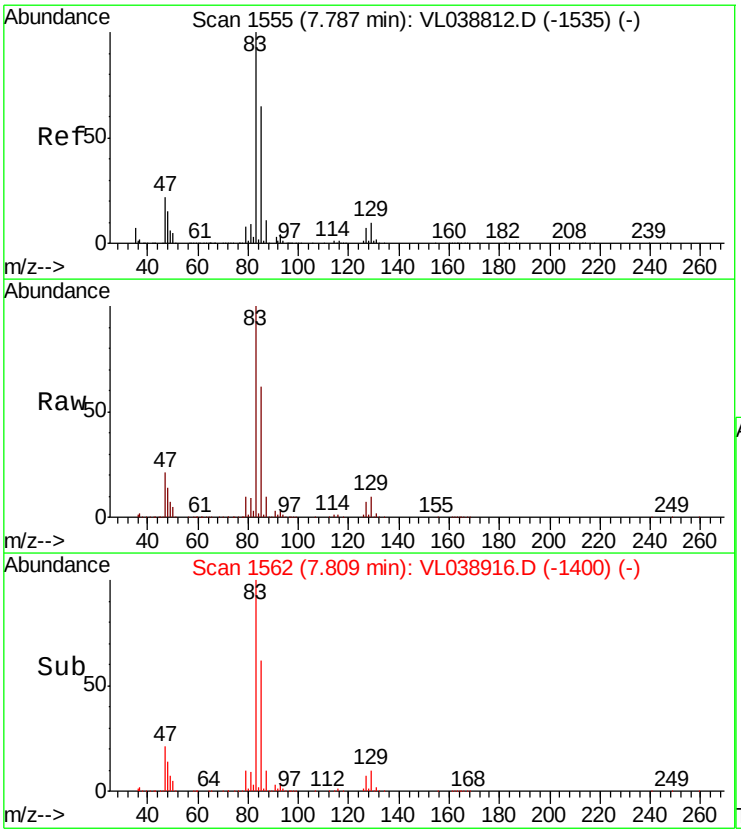
#41
Tetrahydrofuran
Concen: 9.032 ppbv
RT: 6.06
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 939046

Ion	Ratio	Lower	Upper
42	100		
72	40.3	31.4	47.0
71	38.6	30.2	45.4

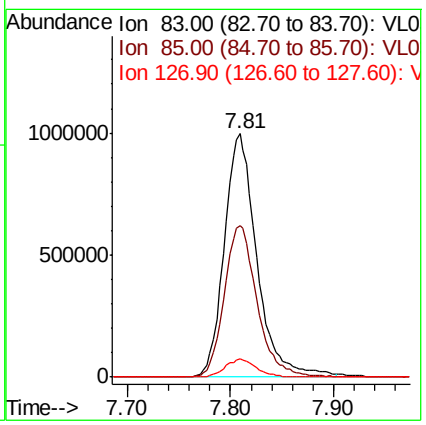


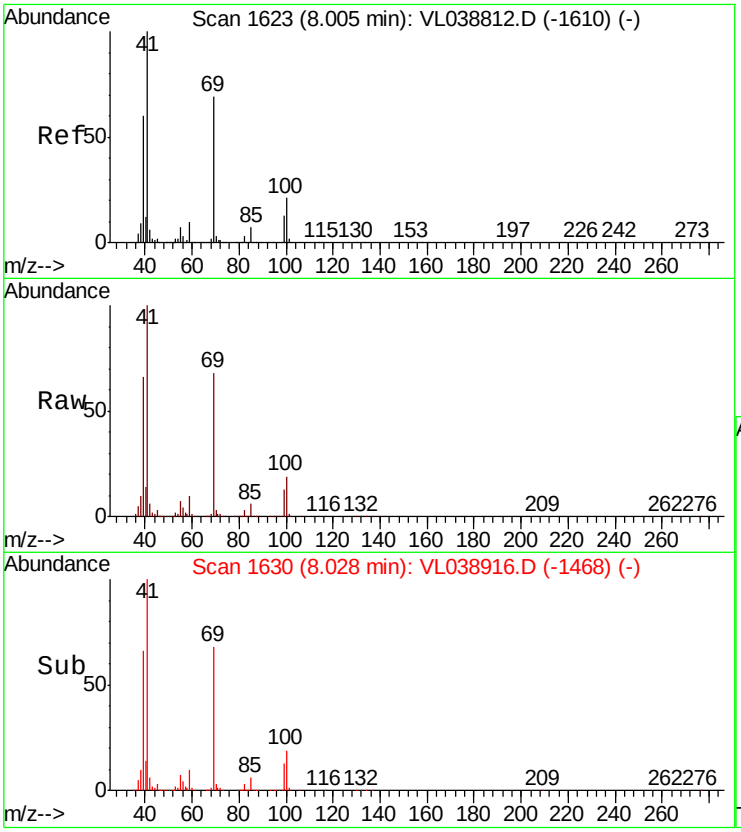


#42
Bromodichloromethane
Concen: 12.037 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 83 Resp: 2190303

Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.7	77.5
127	7.3	5.9	8.9



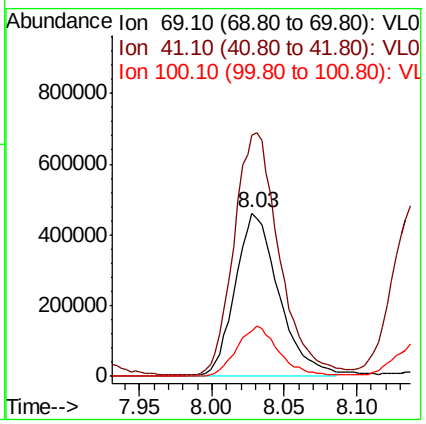


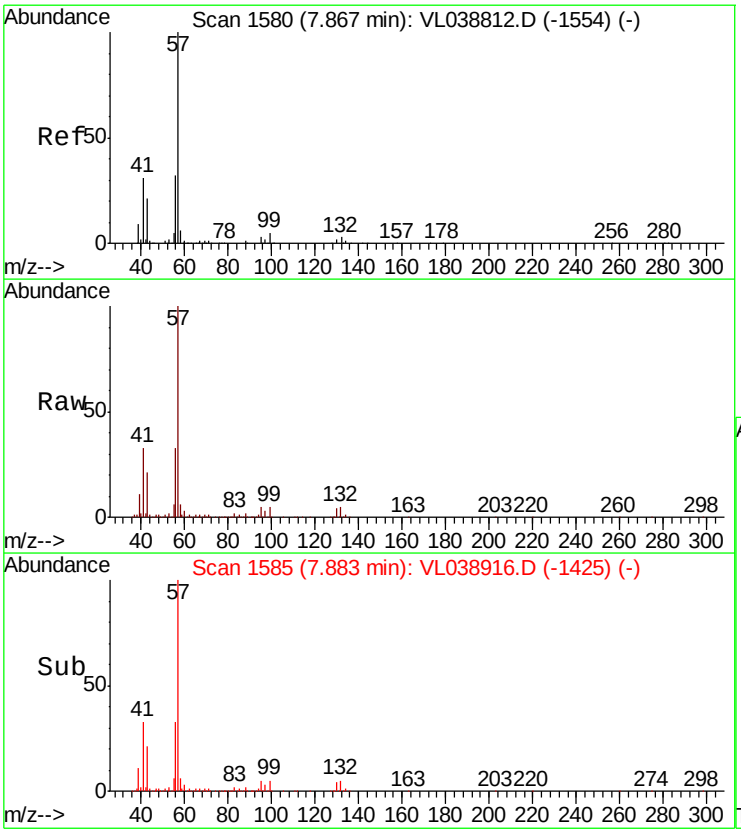
#43
Methyl Methacrylate
Concen: 10.001 ppbv
RT: 8.03
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 965418

Ion	Ratio	Lower	Upper
69	100		
41	156.3	119.0	178.4
100	30.0	26.4	39.6

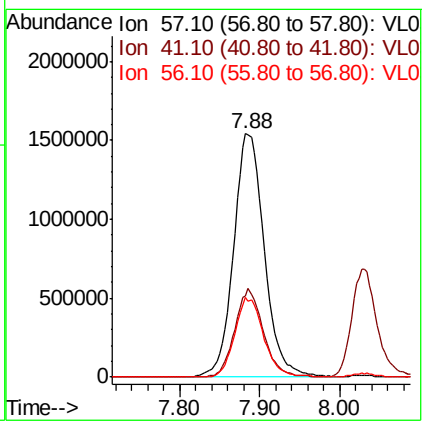


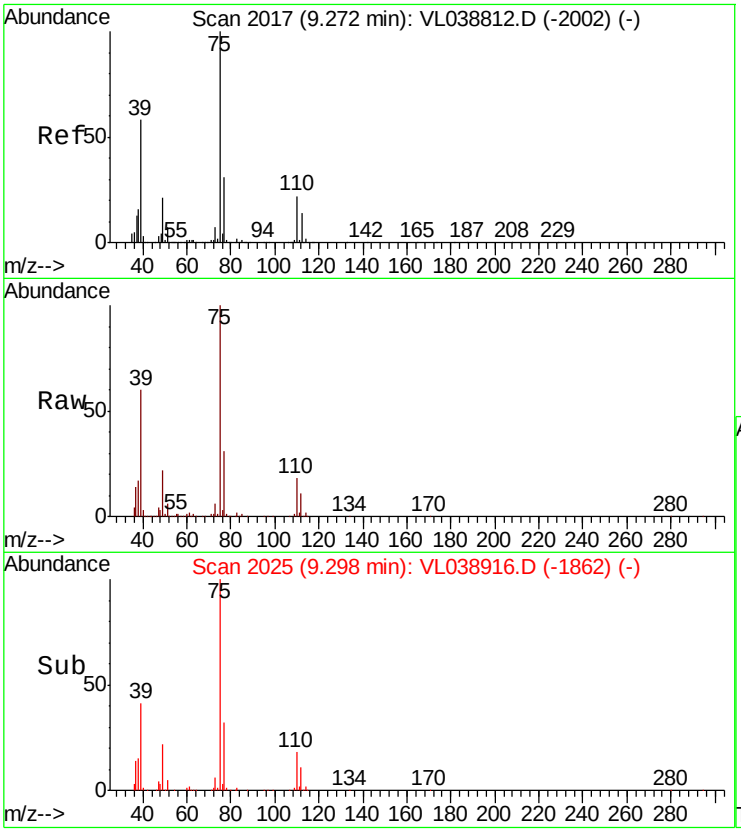


#44
2,2,4-Trimethylpentane
Concen: 9.363 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 57 Resp: 3995341

Ion	Ratio	Lower	Upper
57	100		
41	33.5	25.0	37.4
56	30.8	25.3	37.9



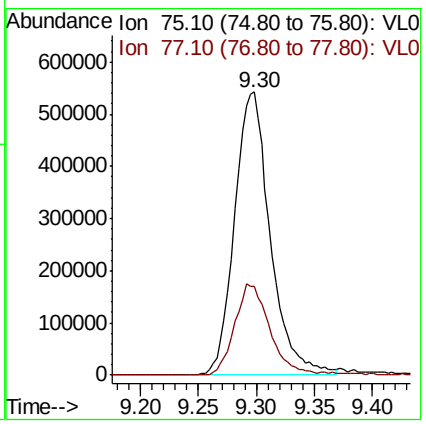


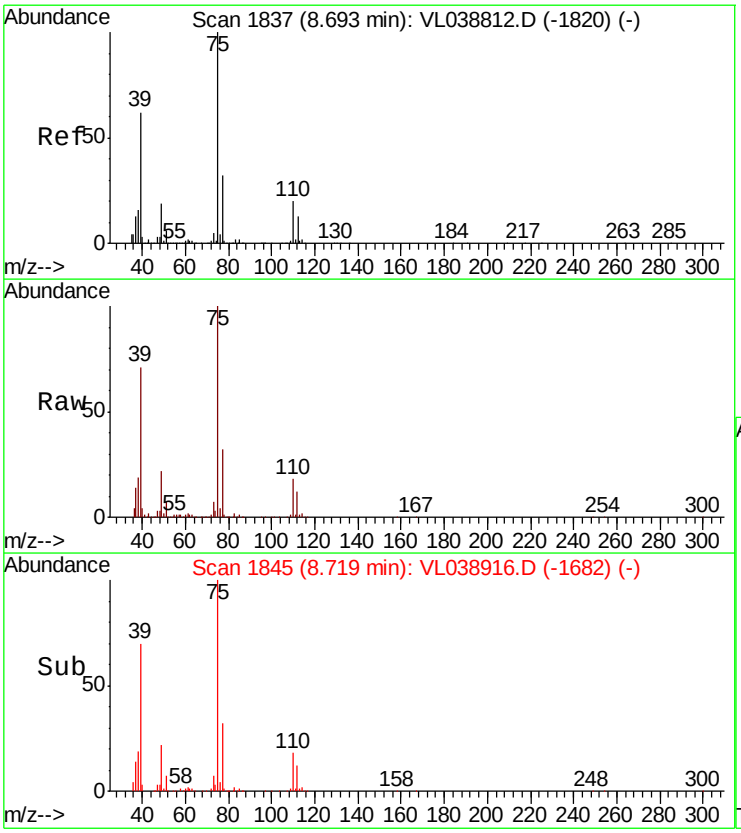
#45
t-1,3-Dichloropropene
Concen: 11.480 ppbv
RT: 9.30
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1158775

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.4

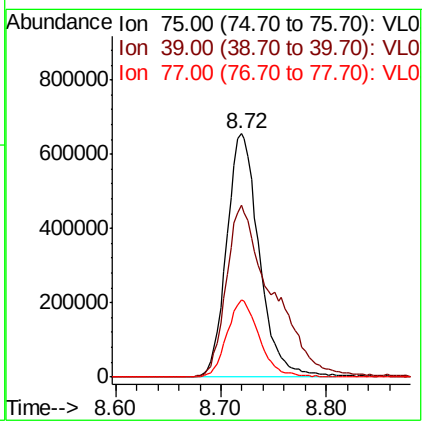


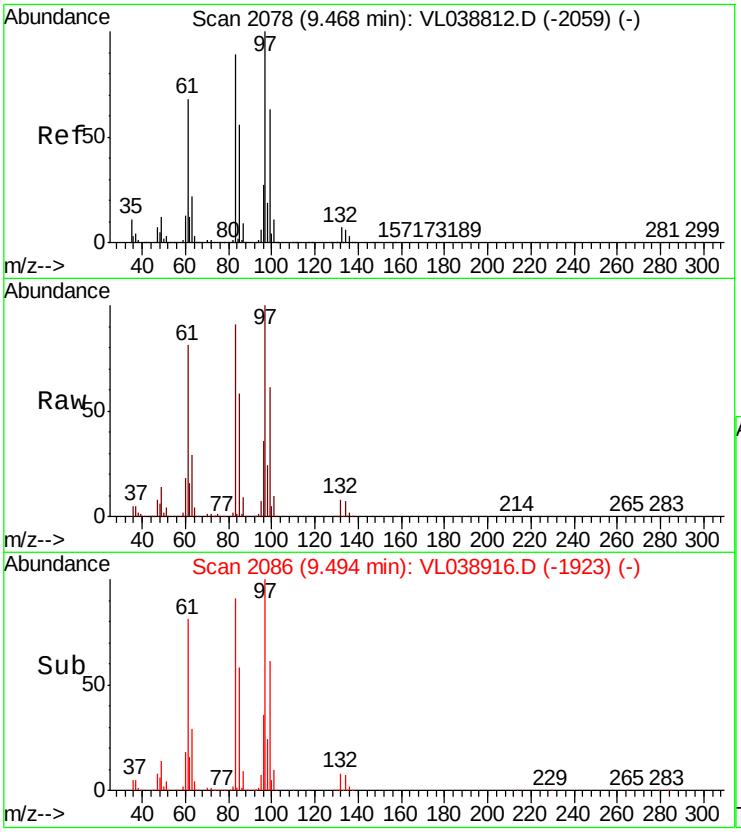


#46
cis-1,3-Dichloropropene
Concen: 10.537 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. 0.03 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 75 Resp: 1402250

Ion	Ratio	Lower	Upper
75	100		
39	70.7	49.7	74.5
77	31.9	25.6	38.4



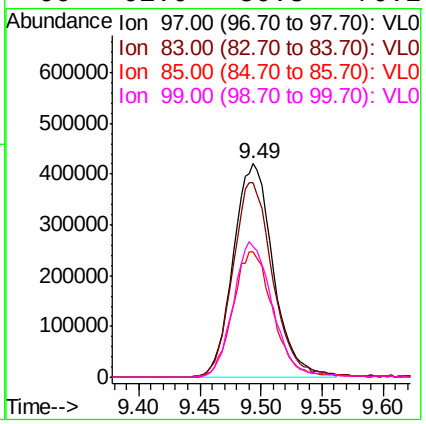


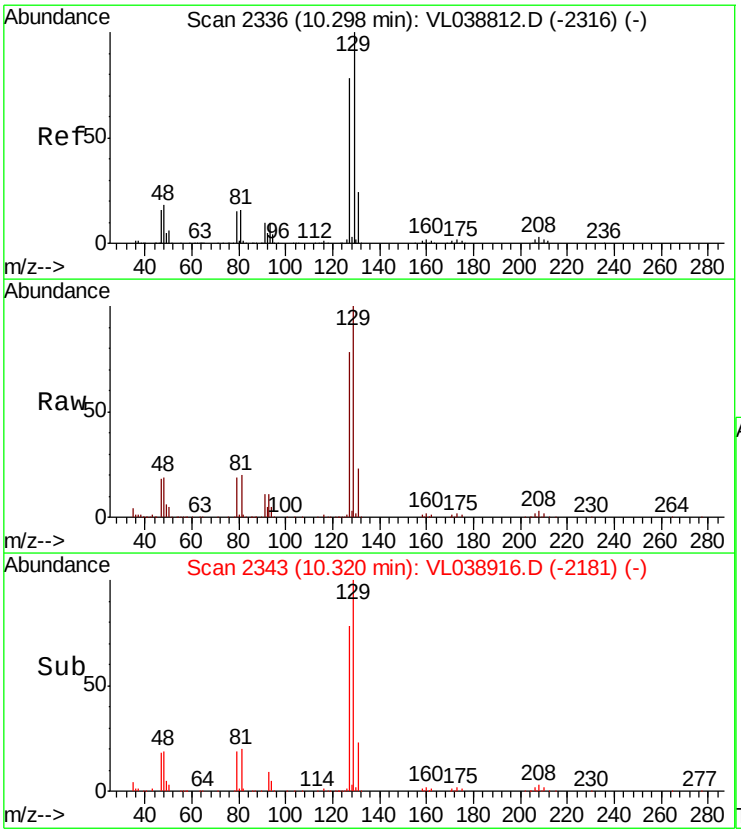
#47
1,1,2-Trichloroethane
Concen: 9.617 ppbv
RT: 9.49
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 949918

Ion	Ratio	Lower	Upper
97	100		
83	90.8	71.1	106.7
85	58.5	45.1	67.7
99	61.0	50.8	76.2

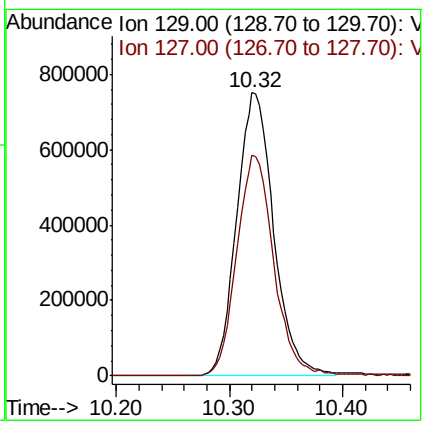


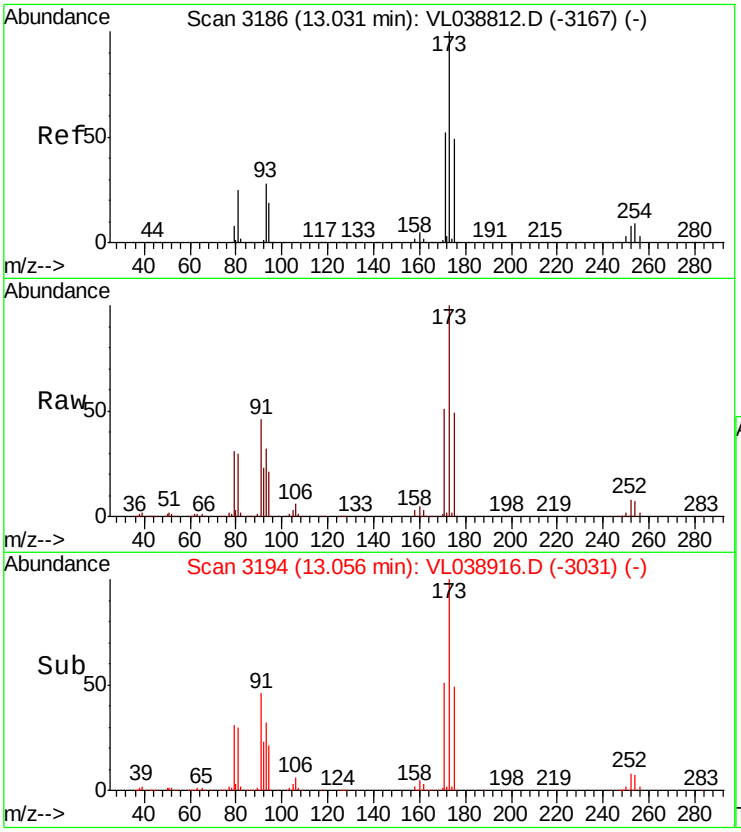


#48
Dibromochloromethane
Concen: 11.073 ppbv
RT: 10.32 min Scan# 2343
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:129 Resp: 1714374

Ion	Ratio	Lower	Upper
129	100		
127	78.9	38.9	116.6



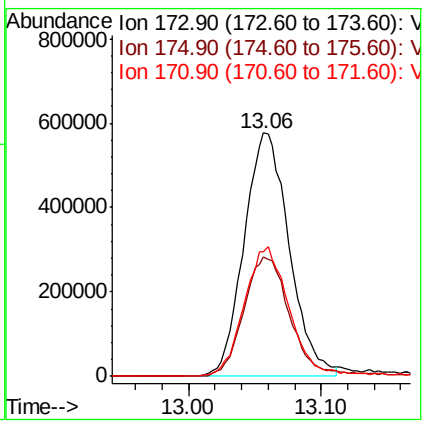


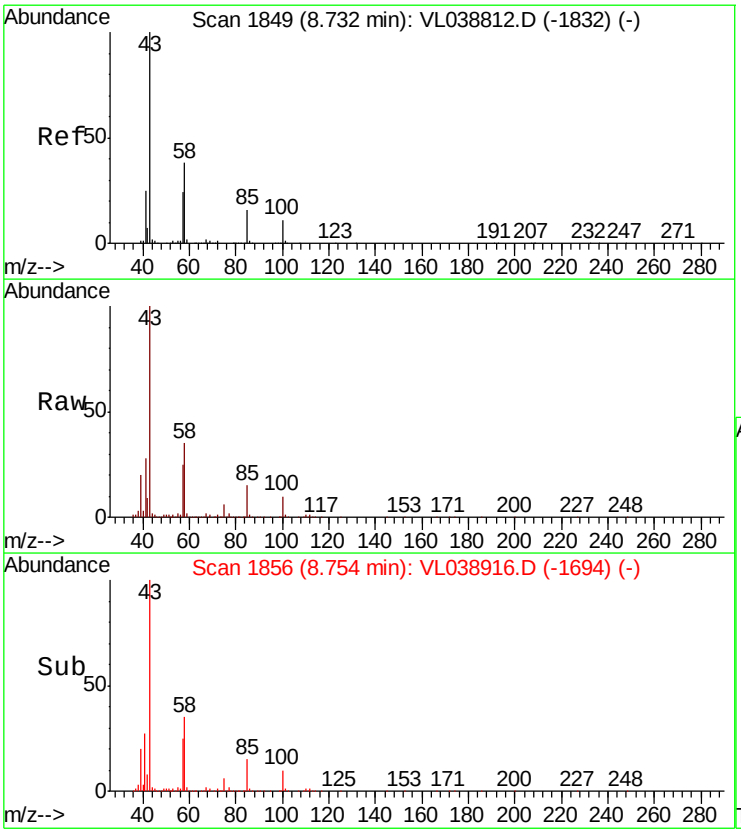
#49
Bromoform
Concen: 11.183 ppbv
RT: 13.06
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1371252

Ion	Ratio	Lower	Upper
173	100		
175	50.8	39.9	59.9
171	54.3	43.4	65.0

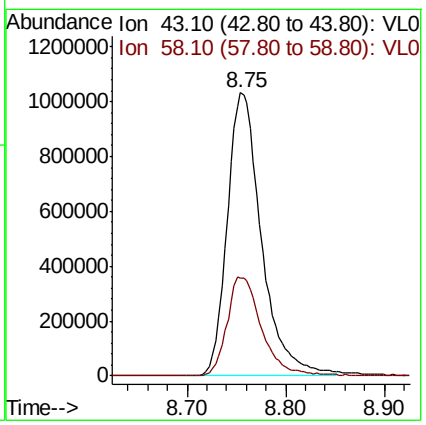


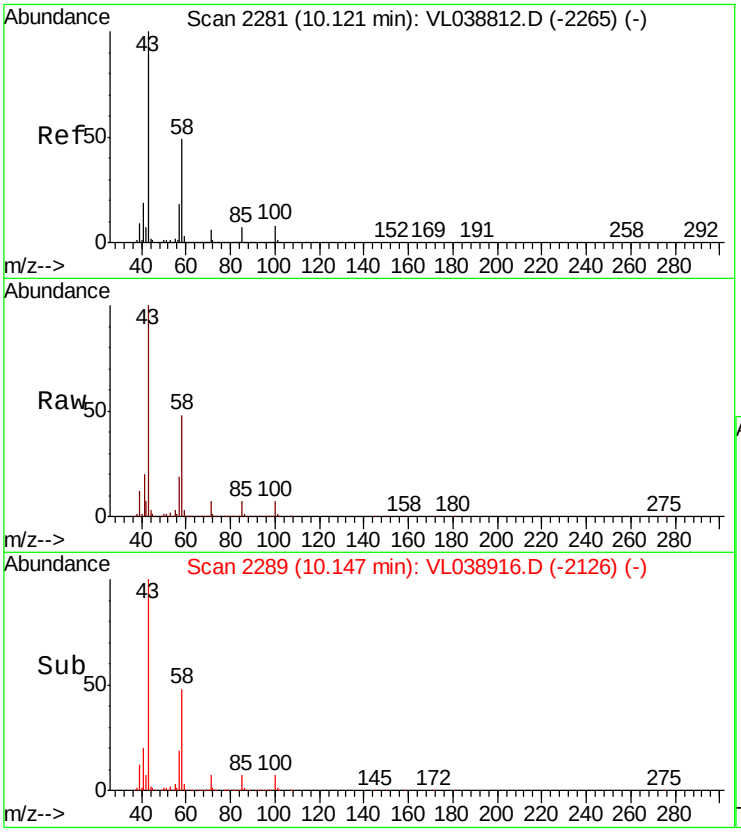


#50
4-Methyl-2-Pentanone
Concen: 10.125 ppbv
RT: 8.75 min Scan# 1856
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 43 Resp: 2493220

Ion	Ratio	Lower	Upper
43	100		
58	35.5	29.0	43.6



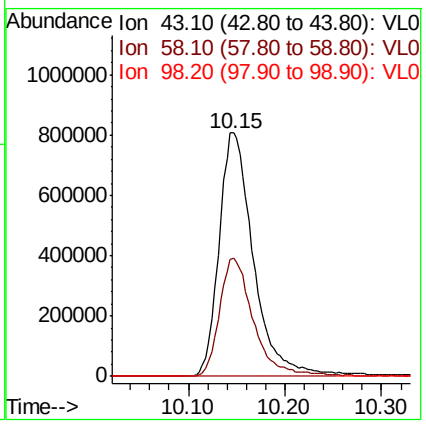


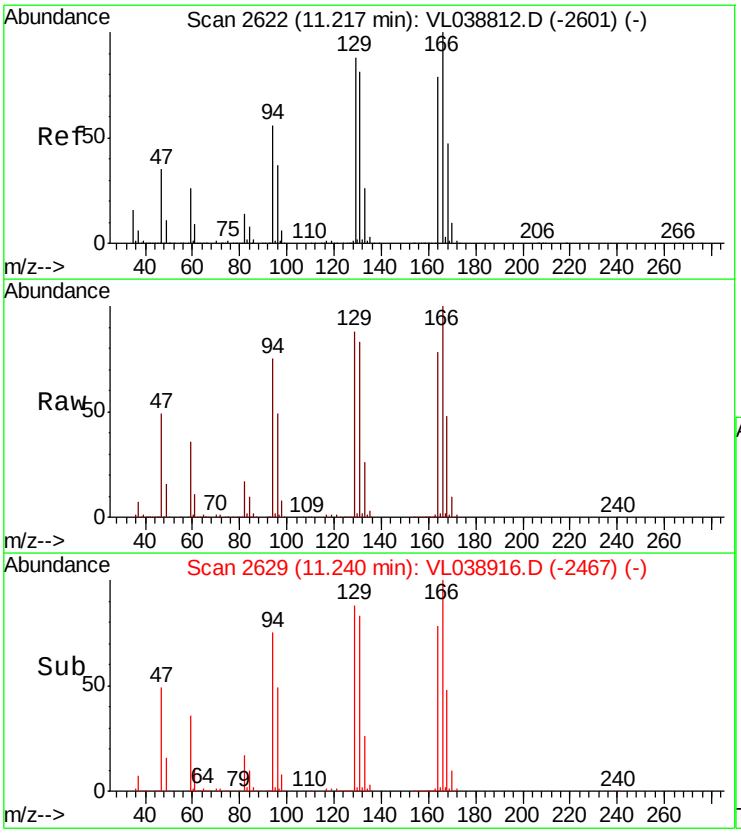
#51
2-Hexanone
Concen: 10.705 ppbv
RT: 10.15
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1986303

Ion	Ratio	Lower	Upper
43	100		
58	48.5	41.4	62.0
98	0.2	0.1	0.1#

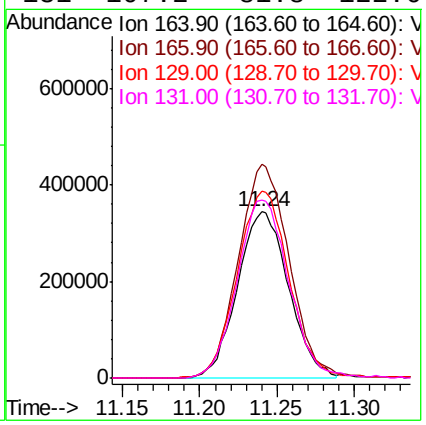


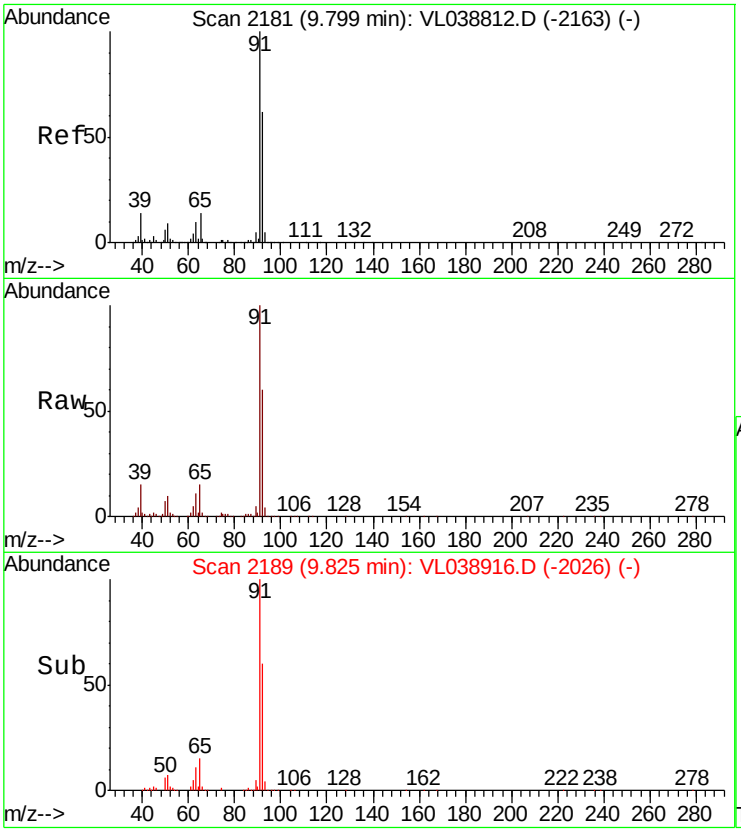


#52
Tetrachloroethene
Concen: 8.920 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:164 Resp: 785239

Ion	Ratio	Lower	Upper
164	100		
166	128.6	101.0	151.6
129	112.7	88.7	133.1
131	107.2	81.8	122.6



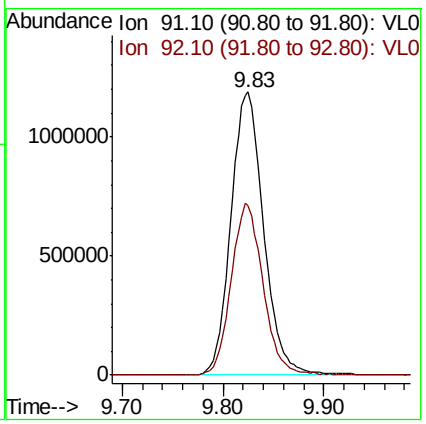


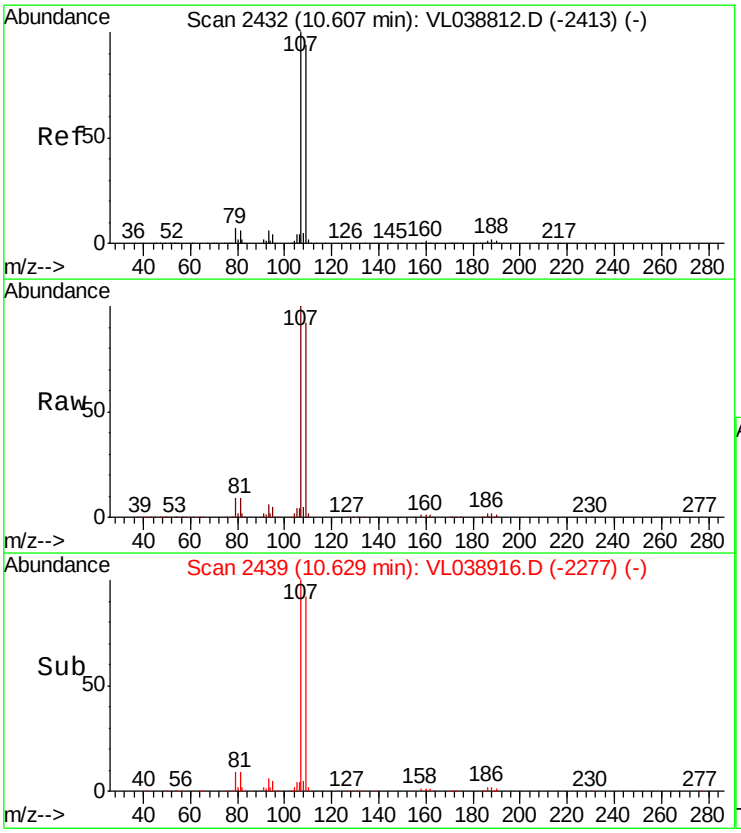
#53
Toluene
Concen: 9.177 ppbv
RT: 9.83
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2669981

Ion	Ratio	Lower	Upper
91	100		
92	59.7	49.2	73.8

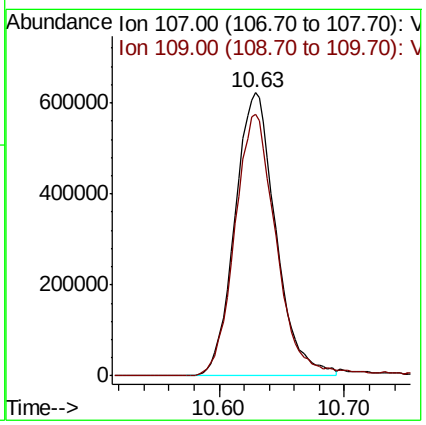


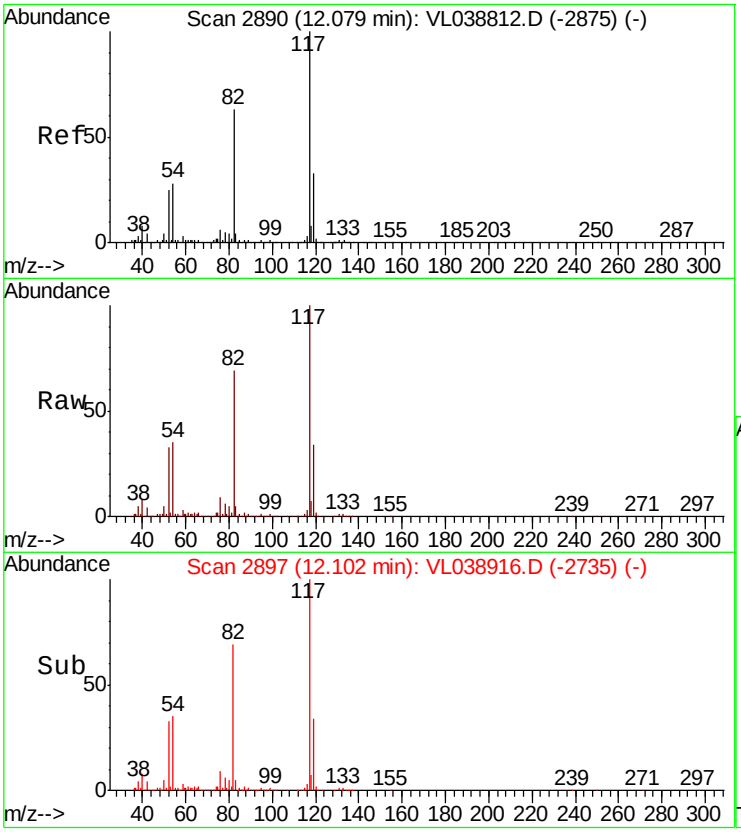


#54
1,2-Dibromoethane
Concen: 10.280 ppbv
RT: 10.63 min Scan# 2439
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:107 Resp: 1410514

Ion	Ratio	Lower	Upper
107	100		
109	92.2	75.5	113.3



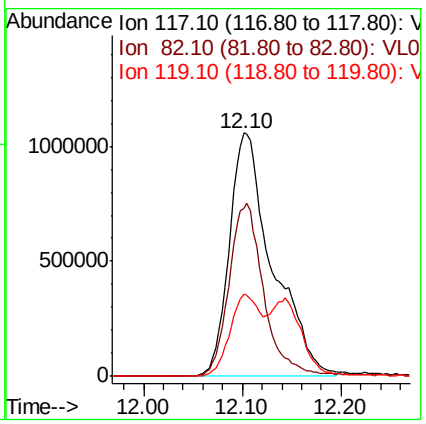


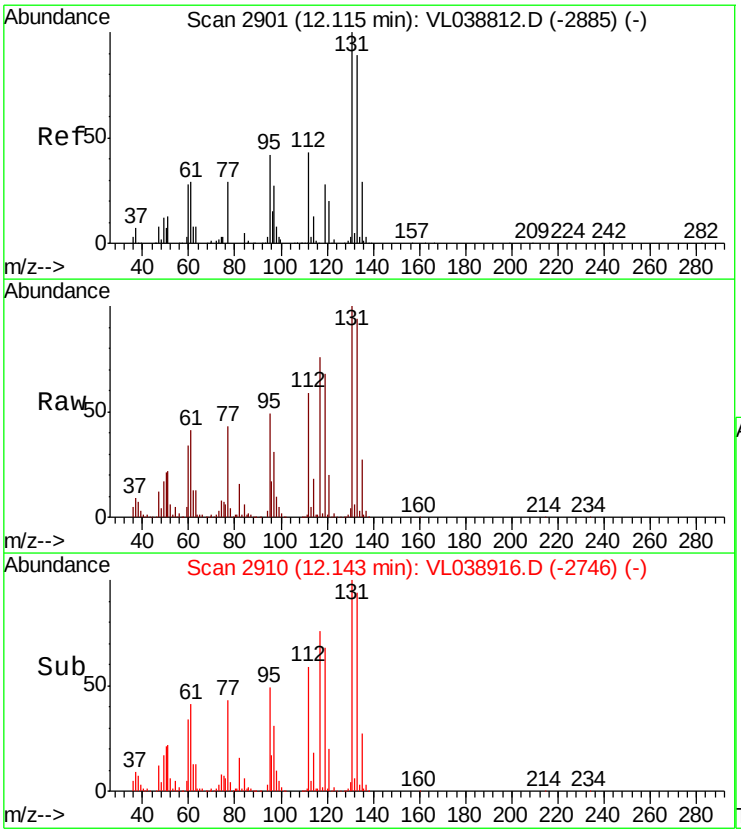
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 3213372

Ion	Ratio	Lower	Upper
117	100		
82	58.3	53.0	79.6
119	23.2	24.9	37.3#

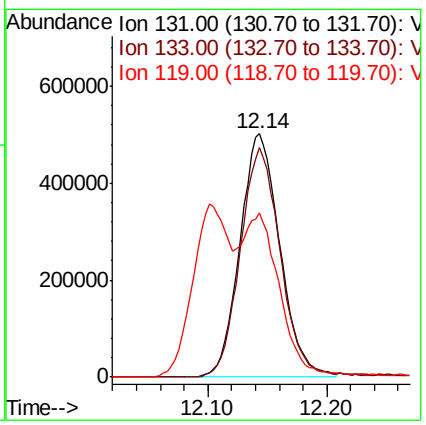


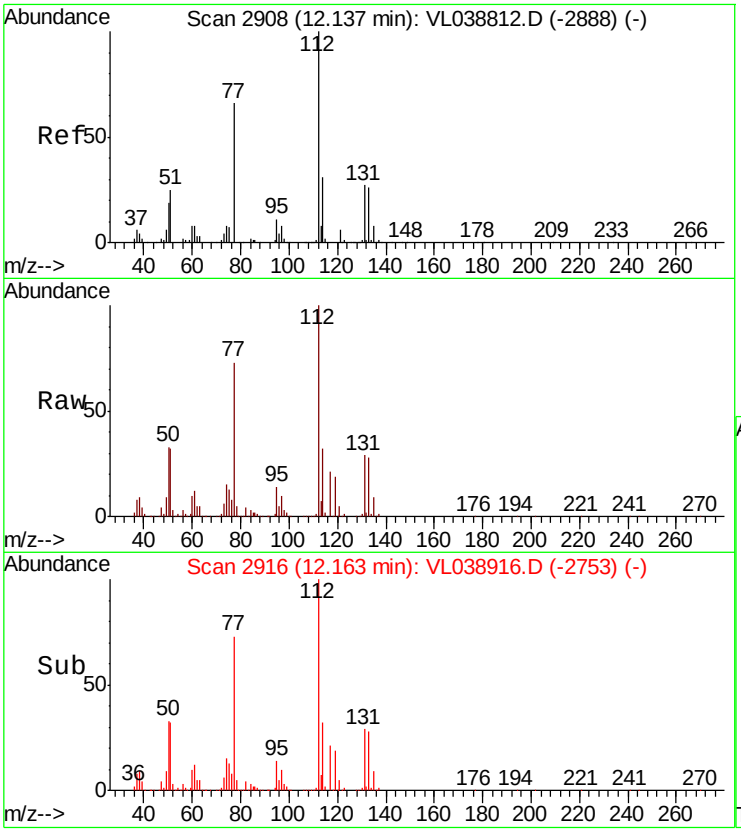


#56
1,1,1,2-Tetrachloroethane
Concen: 8.285 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. 0.03 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:131 Resp: 1166762

Ion	Ratio	Lower	Upper
131	100		
133	95.6	78.2	117.4
119	59.6	58.6	87.8



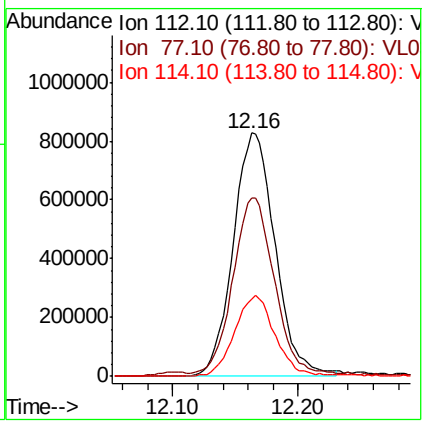


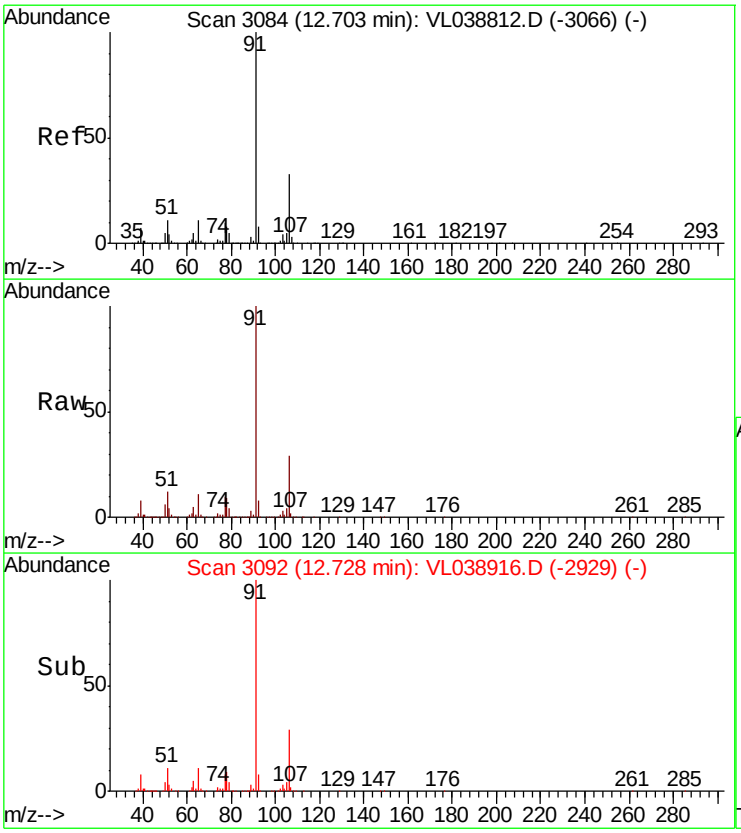
#57
Chlorobenzene
Concen: 7.304 ppbv
RT: 12.16
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1922121

Ion	Ratio	Lower	Upper
112	100		
77	71.8	52.4	78.6
114	31.6	28.1	34.3

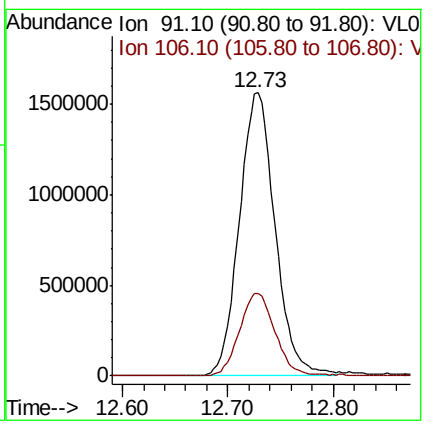


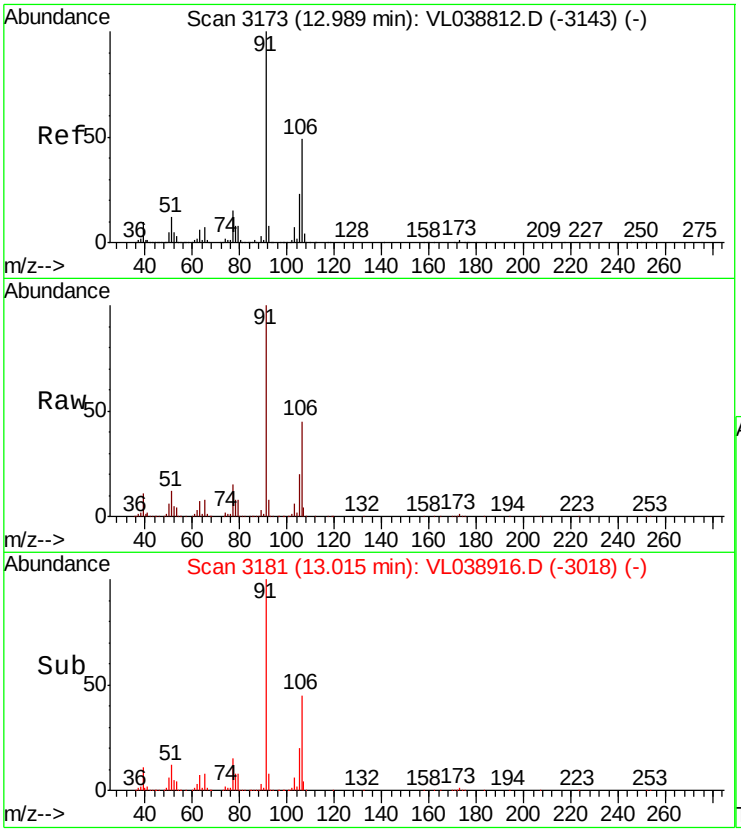


#58
Ethyl Benzene
Concen: 7.681 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. 0.03 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 91 Resp: 3687990

Ion	Ratio	Lower	Upper
91	100		
106	29.0	26.7	40.1



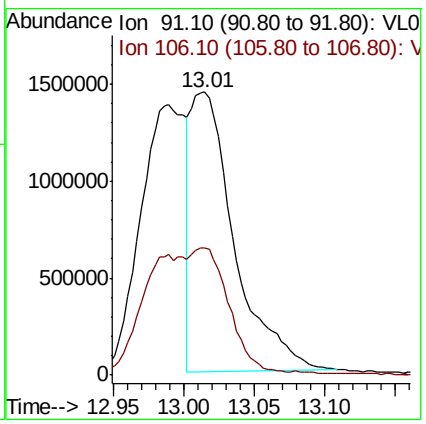


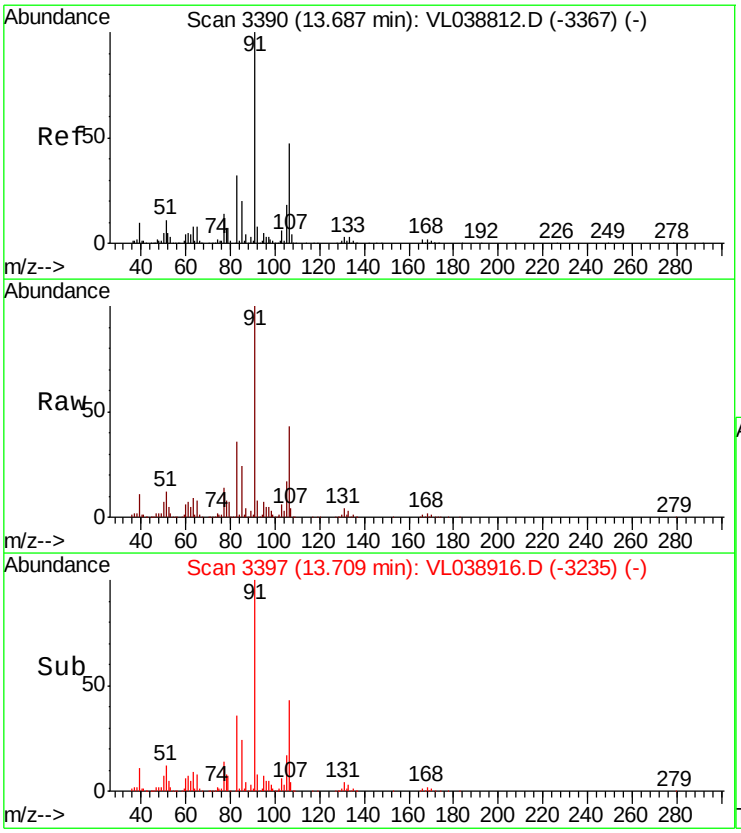
#59
m/p-Xylene
Concen: 7.678 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3097499

Ion	Ratio	Lower	Upper
91	100		
106	87.0	37.1	55.7#

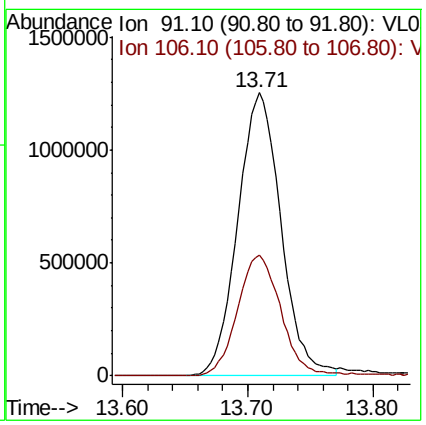


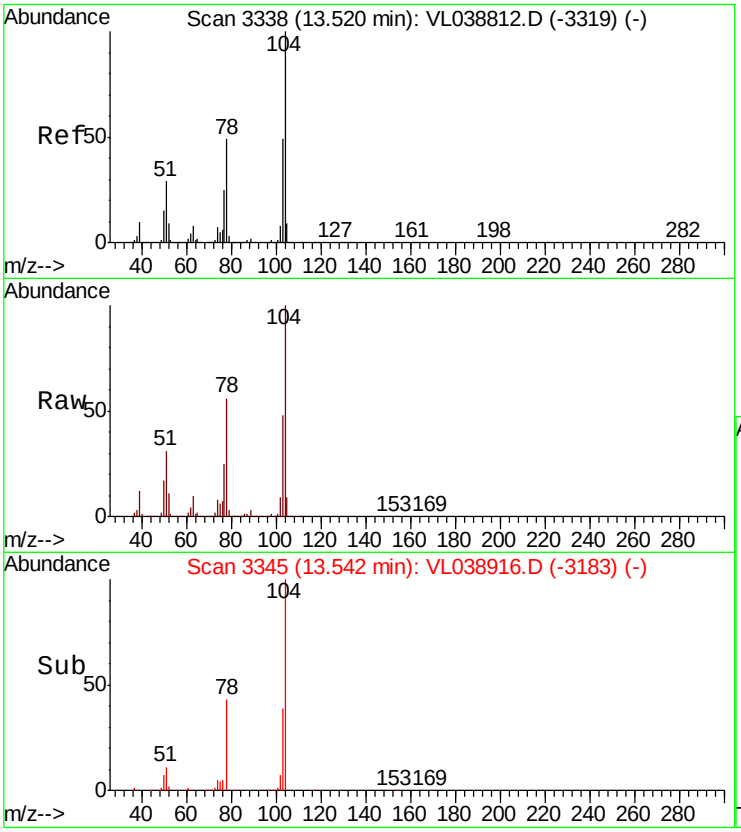


#60
o-Xylene
Concen: 7.930 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 91 Resp: 2993438

Ion	Ratio	Lower	Upper
91	100		
106	44.0	23.8	71.4



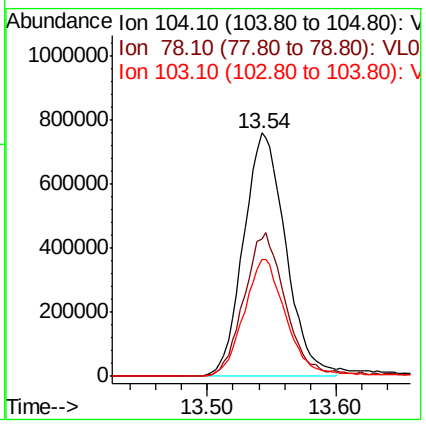


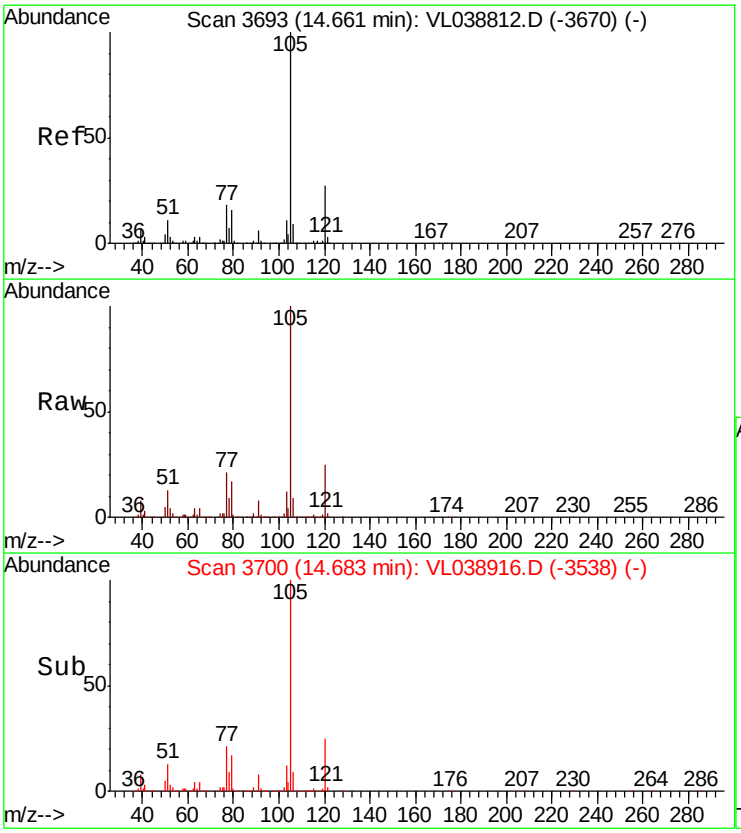
#61
Stvrene
Concen: 7.505 ppbv
RT: 13.54
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1725918

Ion	Ratio	Lower	Upper
104	100		
78	59.0	40.5	60.7
103	48.7	39.0	58.4

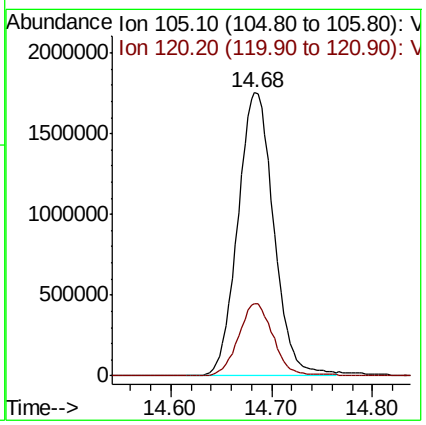


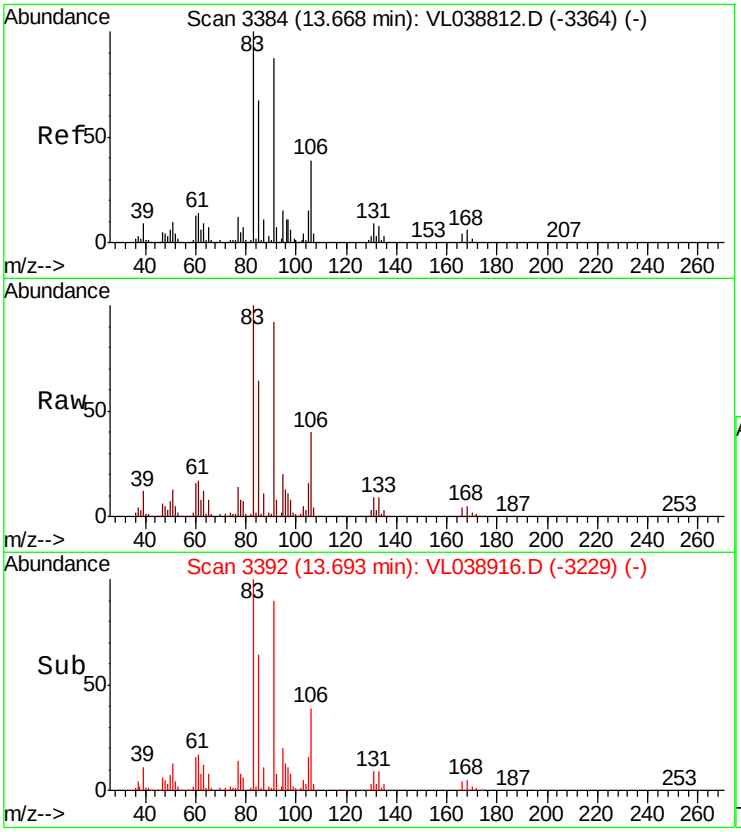


#62
Isopropylbenzene
Concen: 7.644 ppbv
RT: 14.68 min Scan# 3700
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:105 Resp: 4331185

Ion	Ratio	Lower	Upper
105	100		
120	25.0	21.8	32.8



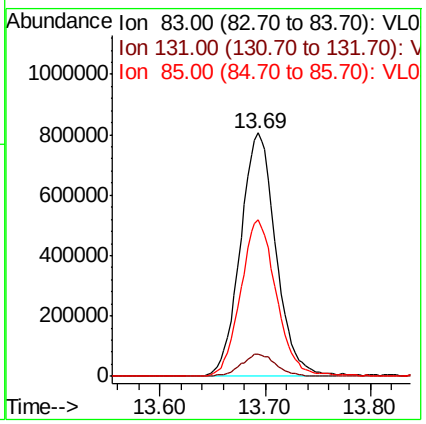


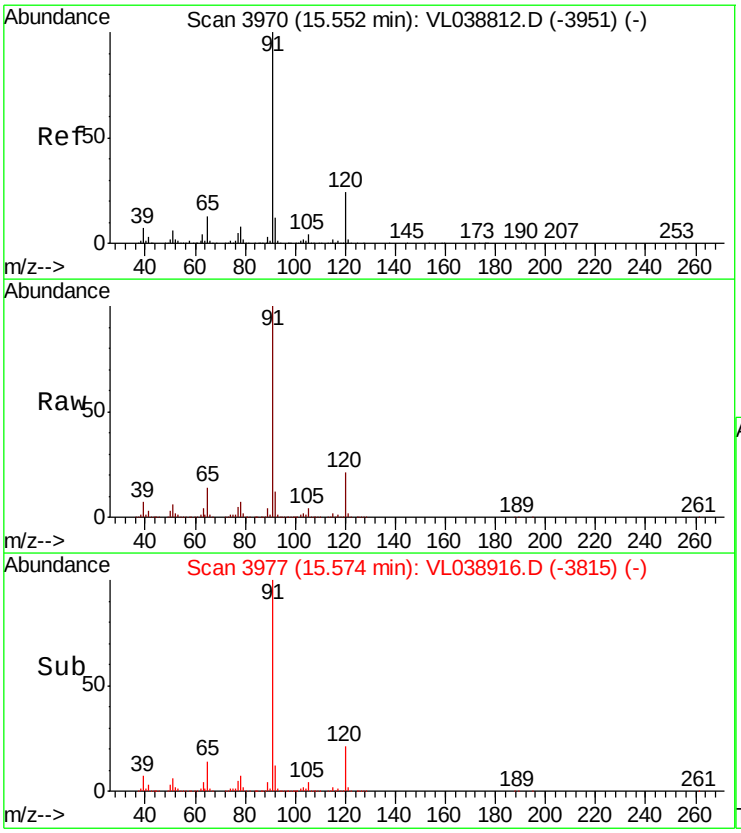
#63
1,1,2,2-Tetrachloroethane
Concen: 7.897 ppbv
RT: 13.69
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1888050

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.6	13.8
85	64.7	33.0	99.0

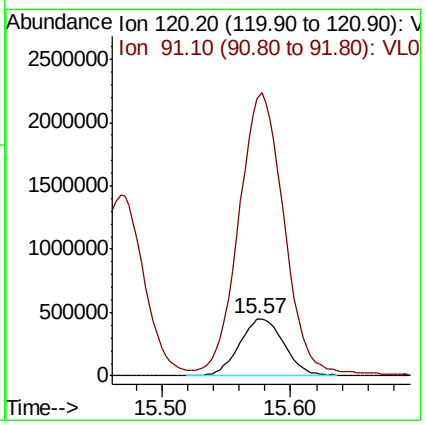


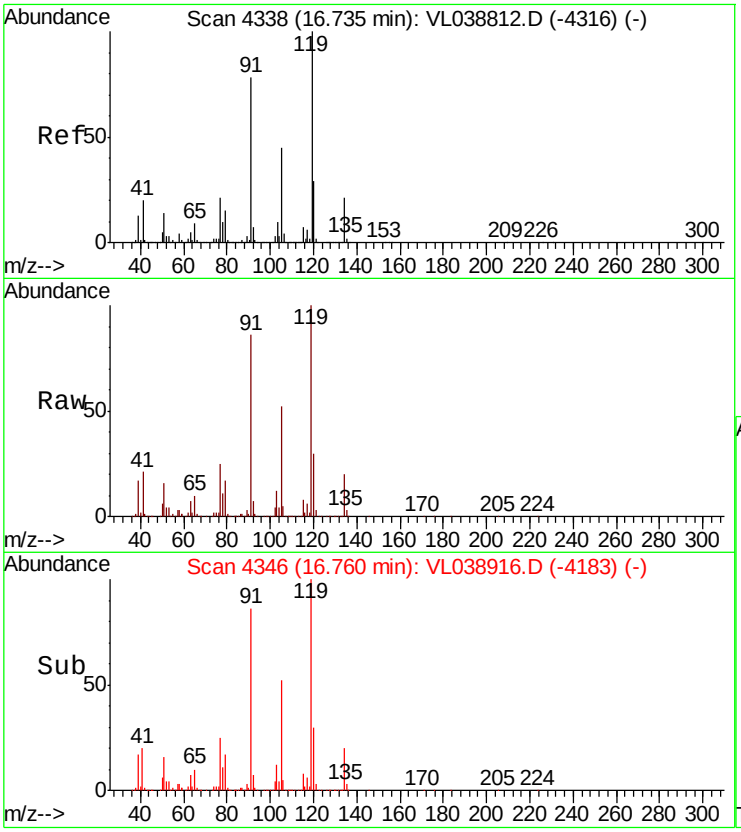


#64
n-propylbenzene
Concen: 7.388 ppbv
RT: 15.57 min Scan# 3977
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:120 Resp: 1086967

Ion	Ratio	Lower	Upper
120	100		
91	508.2	360.6	540.8



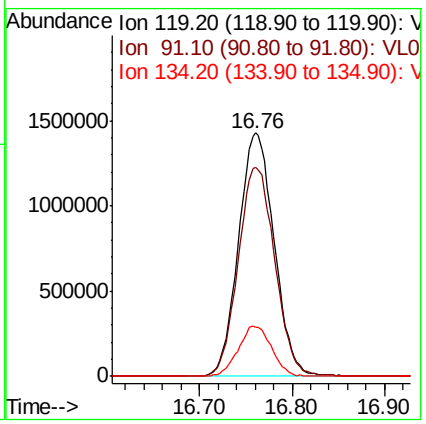


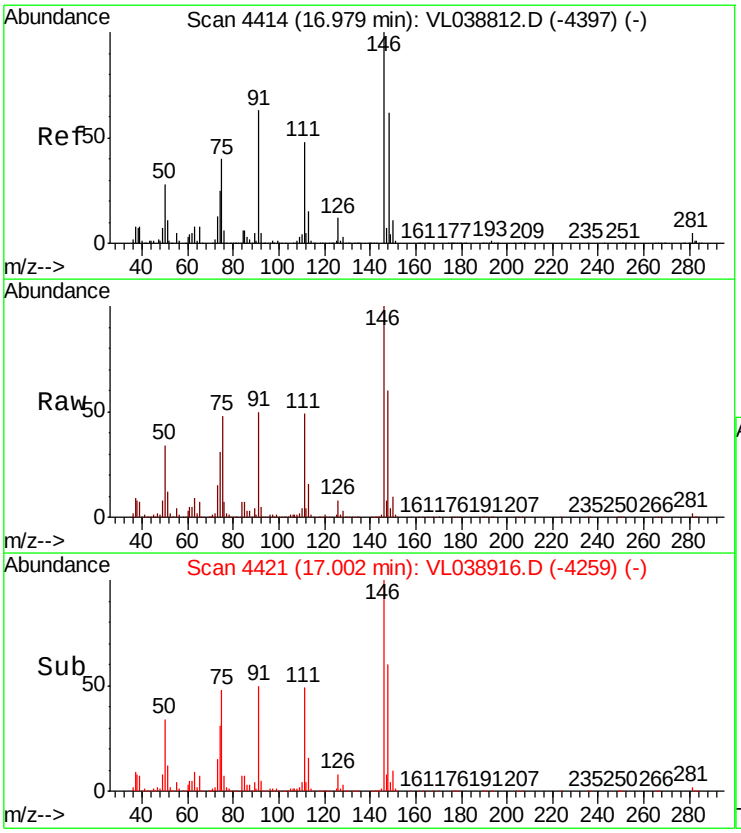
#65
tert-Butylbenzene
Concen: 7.564 ppbv
RT: 16.76
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3802321

Ion	Ratio	Lower	Upper
119	100		
91	88.5	62.8	94.2
134	19.4	16.2	24.4

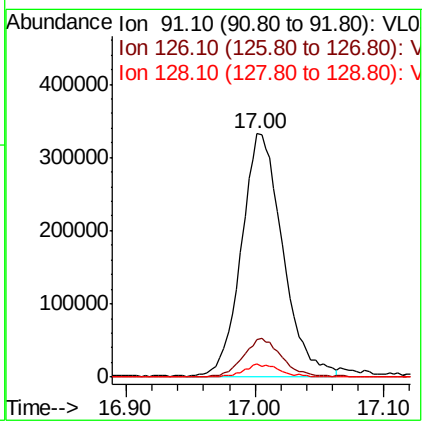


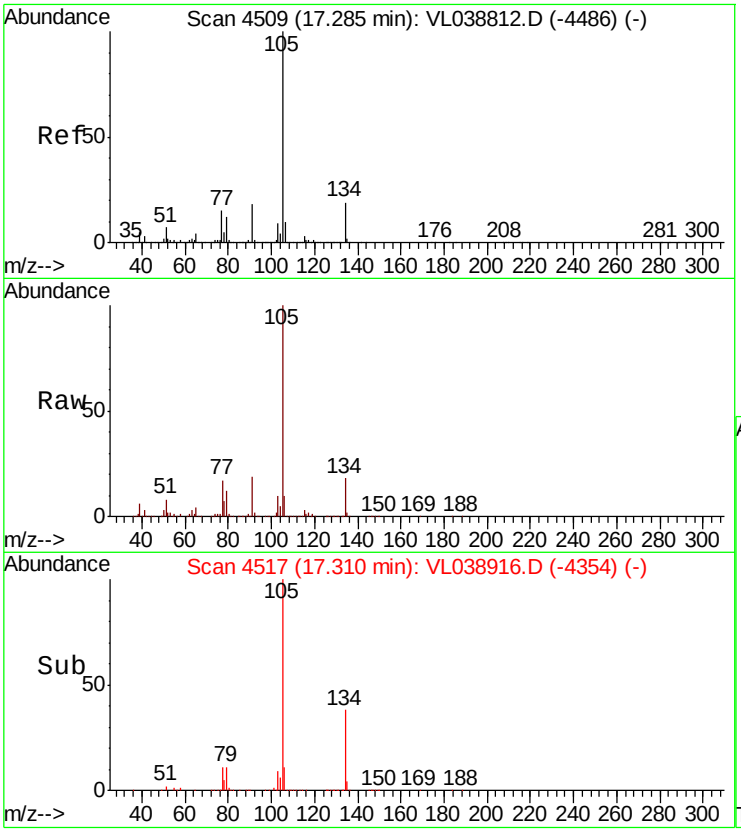


#66
Benzyl Chloride
Concen: 7.204 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 91 Resp: 737293

Ion	Ratio	Lower	Upper
91	100		
126	15.3	15.4	23.0#
128	5.0	4.7	7.1



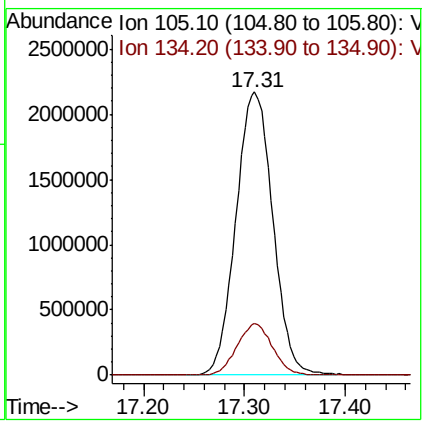


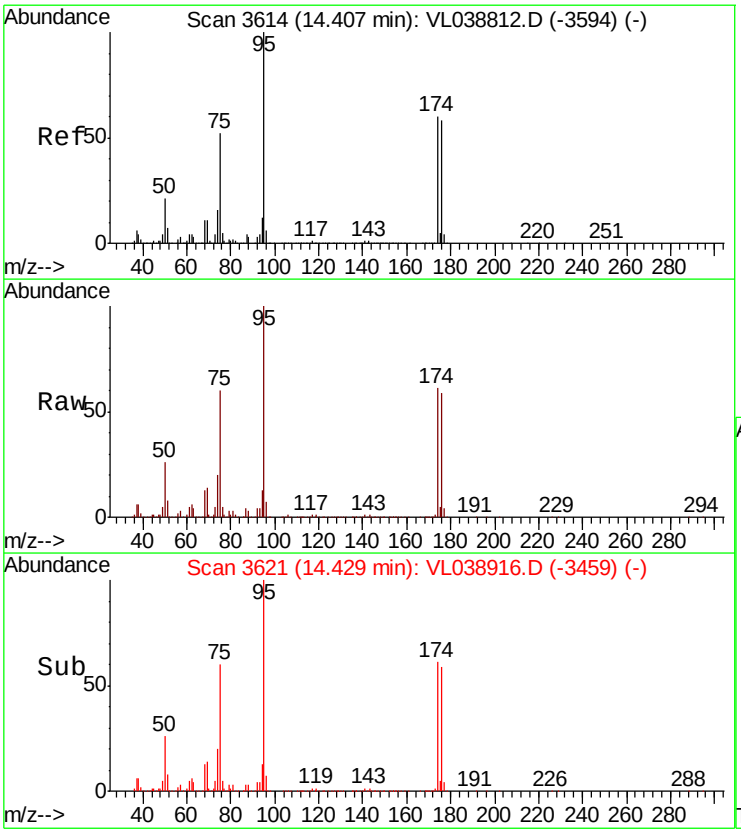
#67
sec-Butylbenzene
Concen: 7.792 ppbv
RT: 17.31
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 5496535

Ion	Ratio	Lower	Upper
105	100		
134	17.5	15.1	22.7

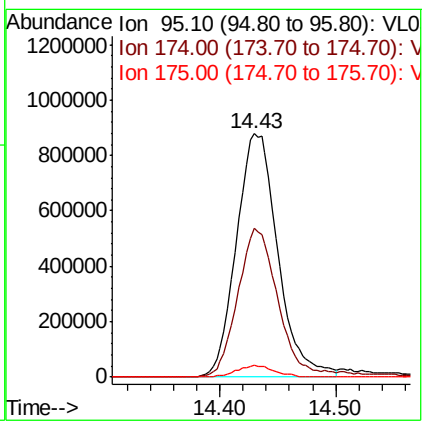


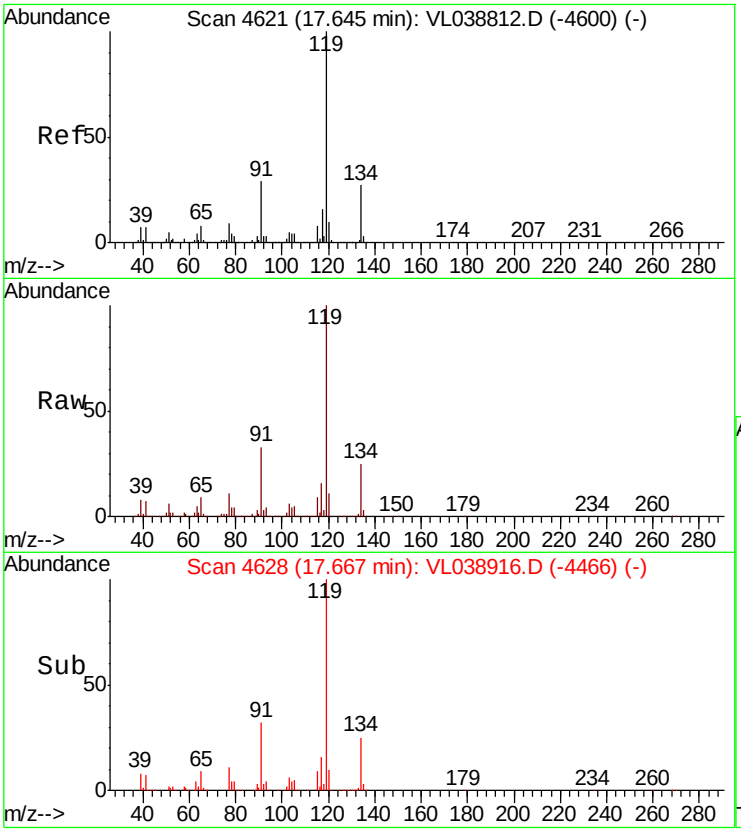


#68
1-Bromo-4-Fluorobenzene
Concen: 8.968 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 95 Resp: 2185884

Ion	Ratio	Lower	Upper
95	100		
174	61.6	52.0	78.0
175	4.7	4.0	6.0



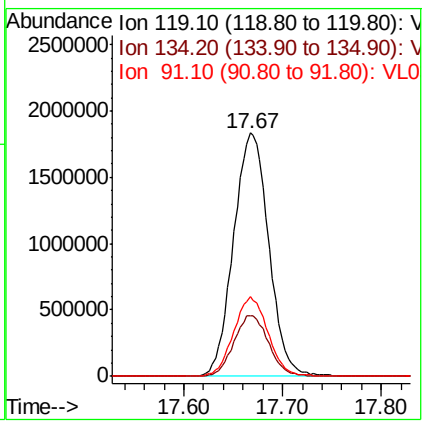


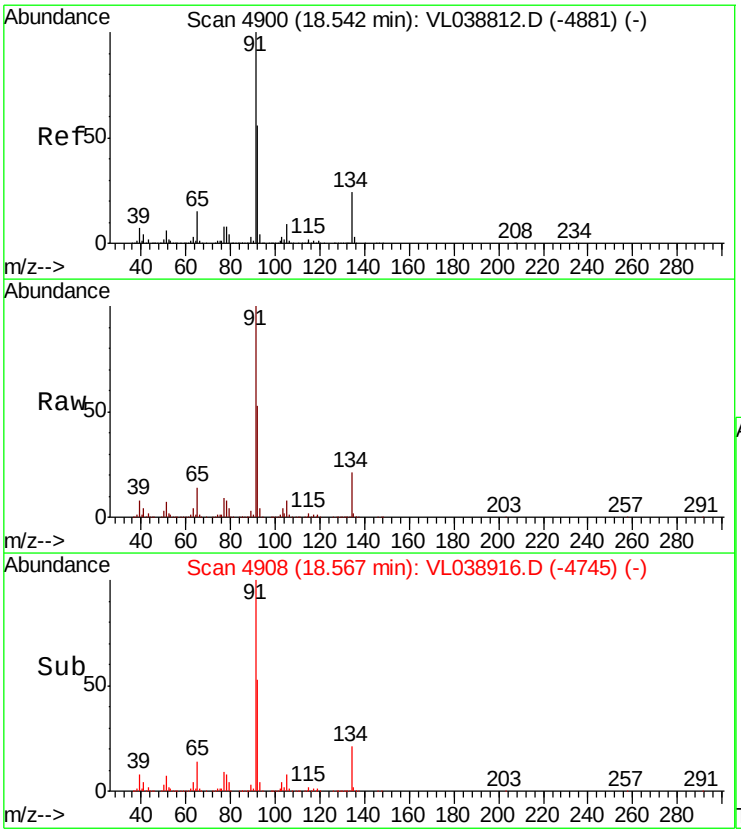
#69
p-Isopropyltoluene
Concen: 7.793 ppbv
RT: 17.67
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 4513871

Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.8	31.2
91	31.8	22.6	34.0

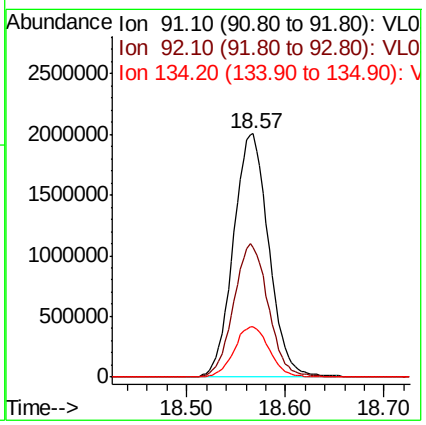


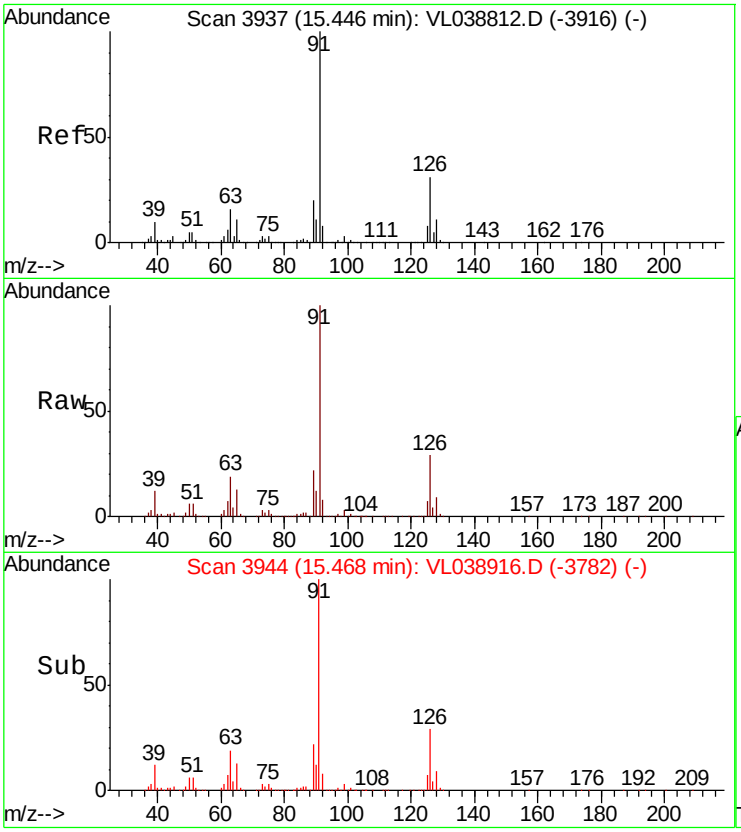


#70
n-Butylbenzene
Concen: 8.526 ppbv
RT: 18.57 min Scan# 4908
Delta R.T. 0.03 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion: 91 Resp: 4974578

Ion	Ratio	Lower	Upper
91	100		
92	54.1	44.6	66.8
134	20.9	19.2	28.8



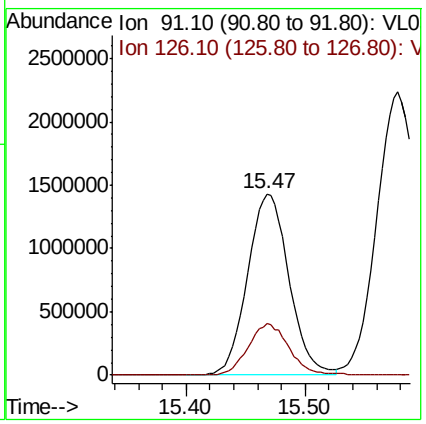


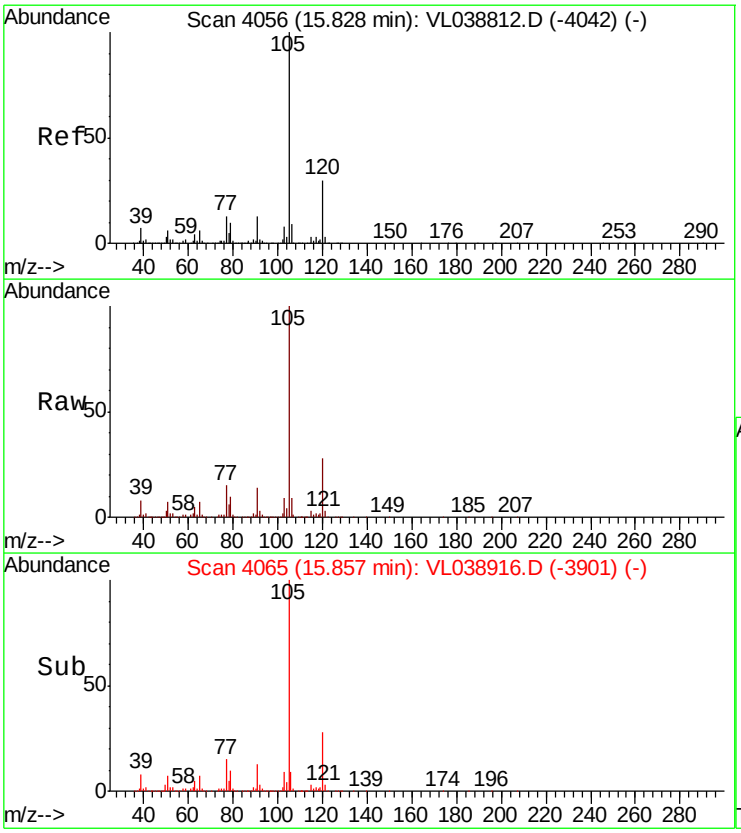
#71
2-Chlorotoluene
Concen: 8.100 ppbv
RT: 15.47
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3450943

Ion	Ratio	Lower	Upper
91	100		
126	28.6	13.0	51.8

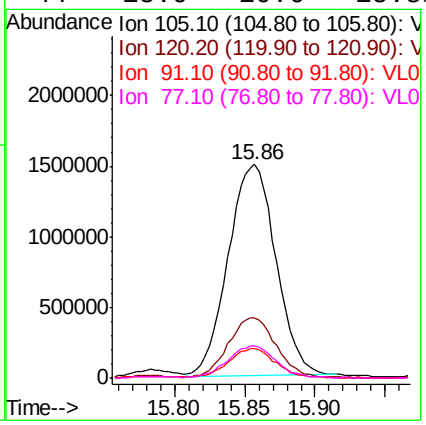


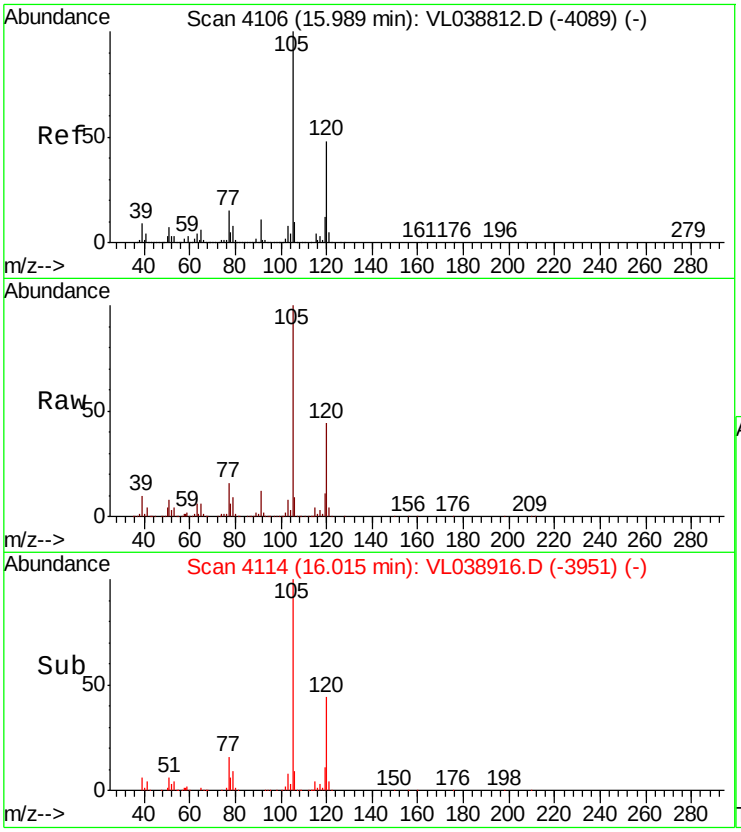


#72
4-Ethyltoluene
Concen: 7.874 ppbv
RT: 15.86 min Scan# 4065
Delta R.T. 0.03 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:105 Resp: 3549122

Ion	Ratio	Lower	Upper
105	100		
120	29.0	24.3	36.5
91	13.6	9.4	14.2
77	15.9	10.6	15.8#



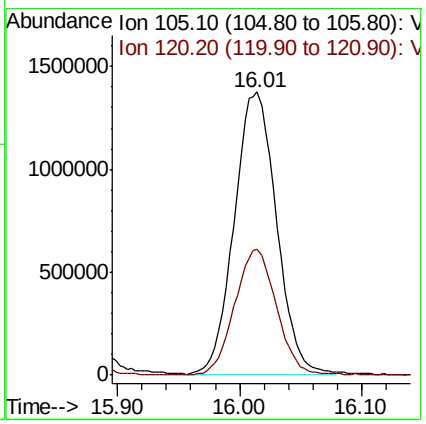


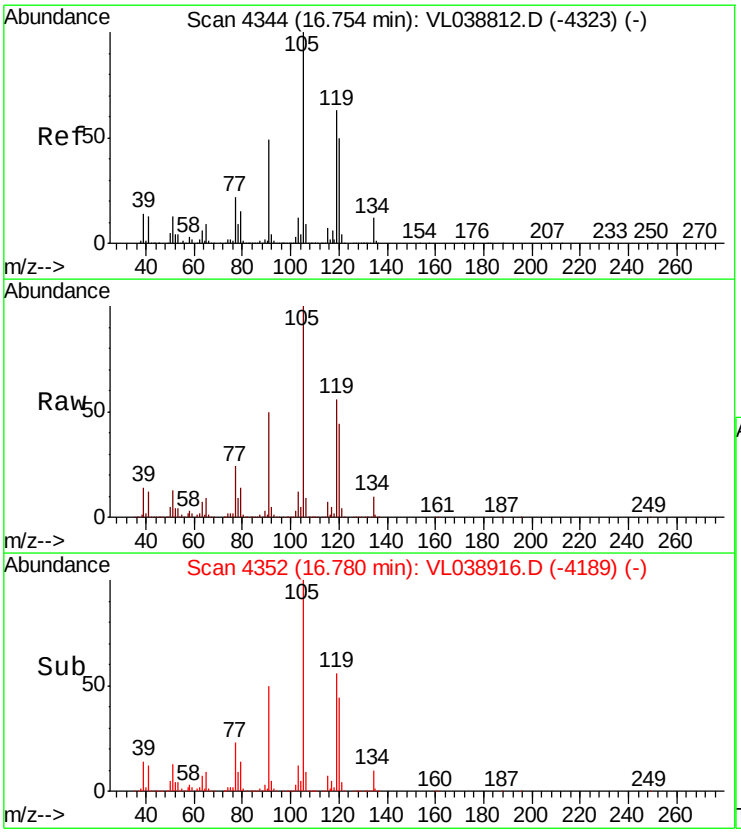
#73
1,3,5-Trimethylbenzene
Concen: 8.082 ppbv
RT: 16.01
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 3272668

Ion	Ratio	Lower	Upper
105	100		
120	44.3	38.7	58.1

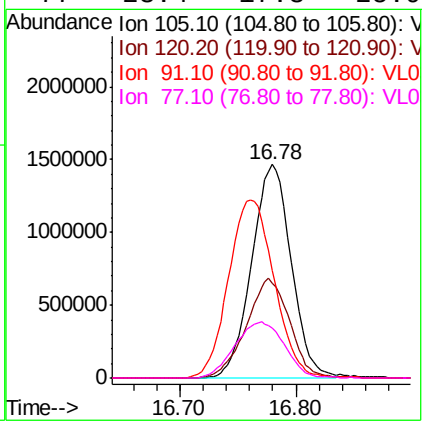


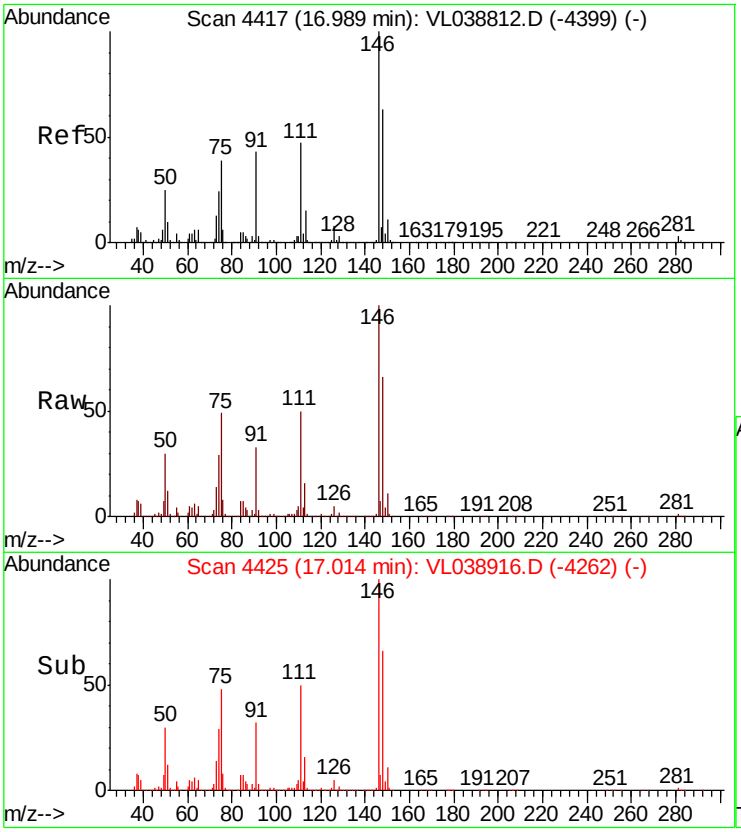


#74
1,2,4-Trimethylbenzene
Concen: 8.103 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.03 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:105 Resp: 3468422

Ion	Ratio	Lower	Upper
105	100		
120	44.2	39.8	59.8
91	50.1	39.4	59.0
77	23.4	17.3	25.9



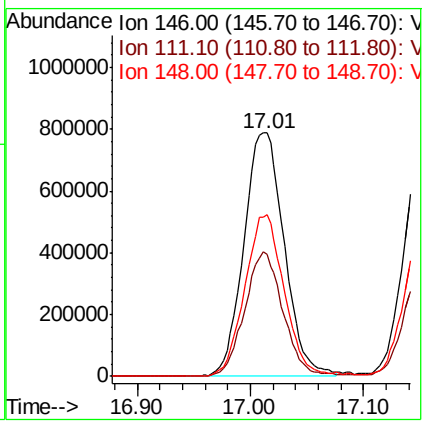


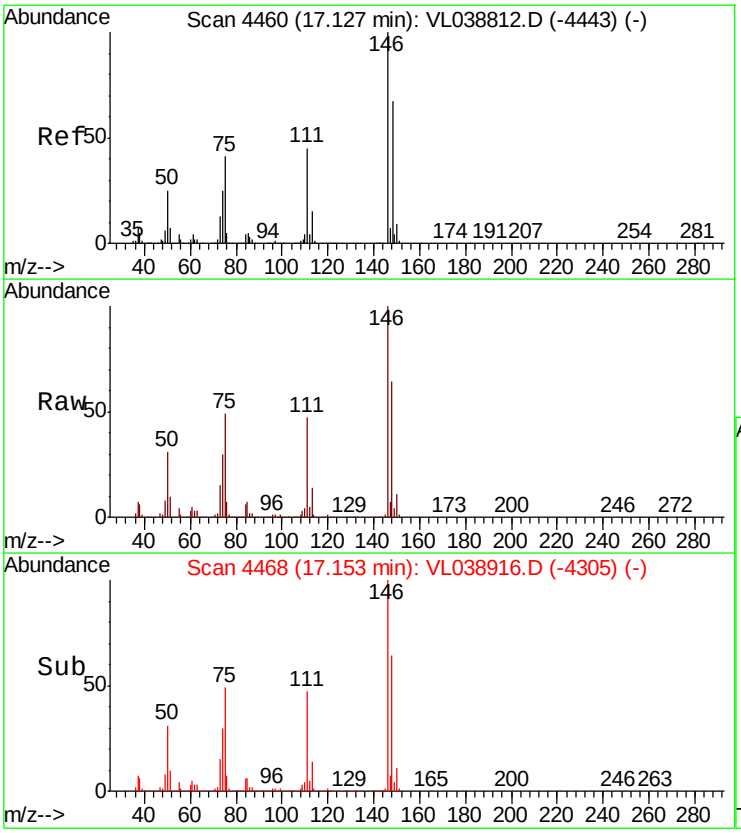
#75
1,3-Dichlorobenzene
Concen: 7.872 ppbv
RT: 17.01
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1956345

Ion	Ratio	Lower	Upper
146	100		
111	48.5	23.8	71.2
148	64.8	31.8	95.4

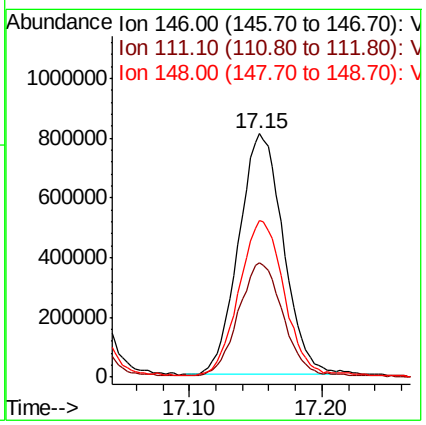


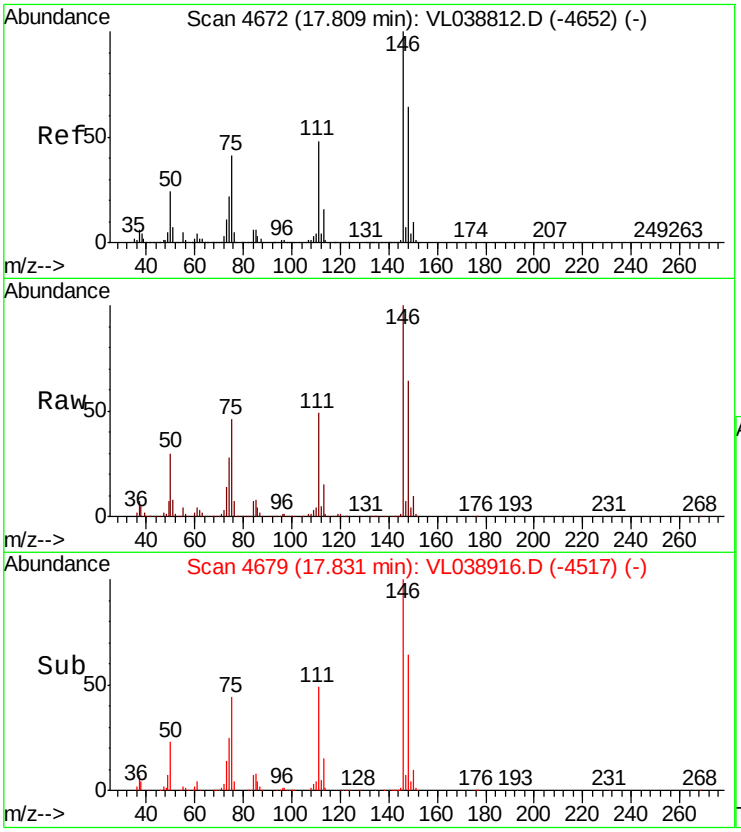


#76
1,4-Dichlorobenzene
Concen: 7.723 ppbv
RT: 17.15 min Scan# 4468
Delta R.T. 0.03 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:146 Resp: 1890591

Ion	Ratio	Lower	Upper
146	100		
111	48.0	23.6	70.8
148	66.7	33.6	100.6



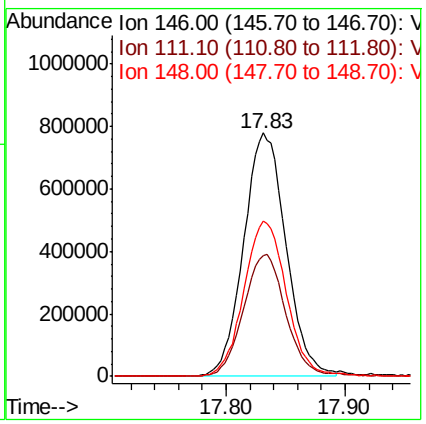


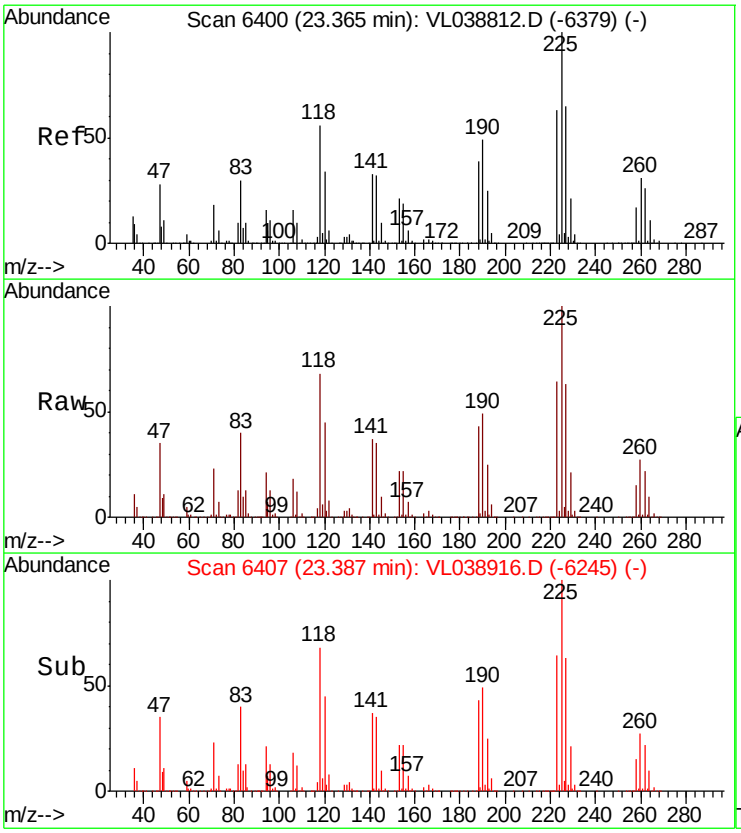
#77
1,2-Dichlorobenzene
Concen: 7.789 ppbv
RT: 17.83
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1908351

Ion	Ratio	Lower	Upper
146	100		
111	50.4	24.8	74.3
148	64.6	31.9	95.7

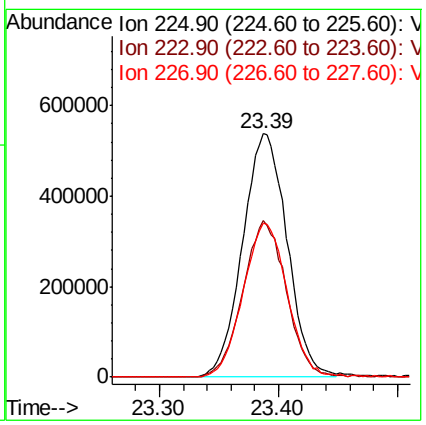


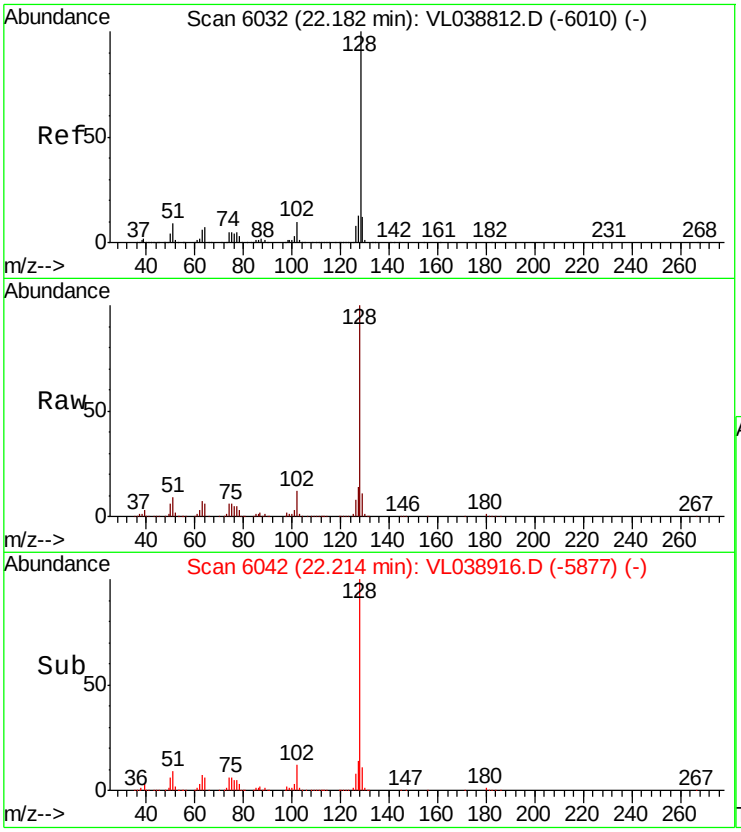


#78
Hexachloro-1,3-Butadiene
Concen: 7.170 ppbv
RT: 23.39 min Scan# 6407
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:225 Resp: 1387849

Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.6	77.4
227	63.3	52.3	78.5



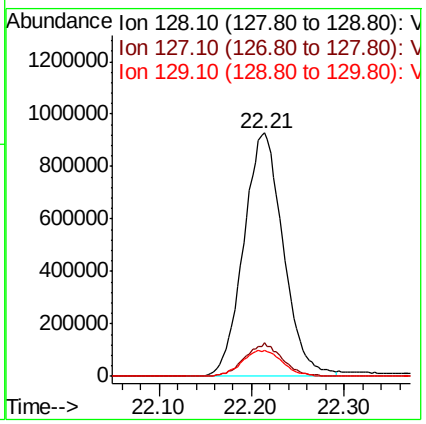


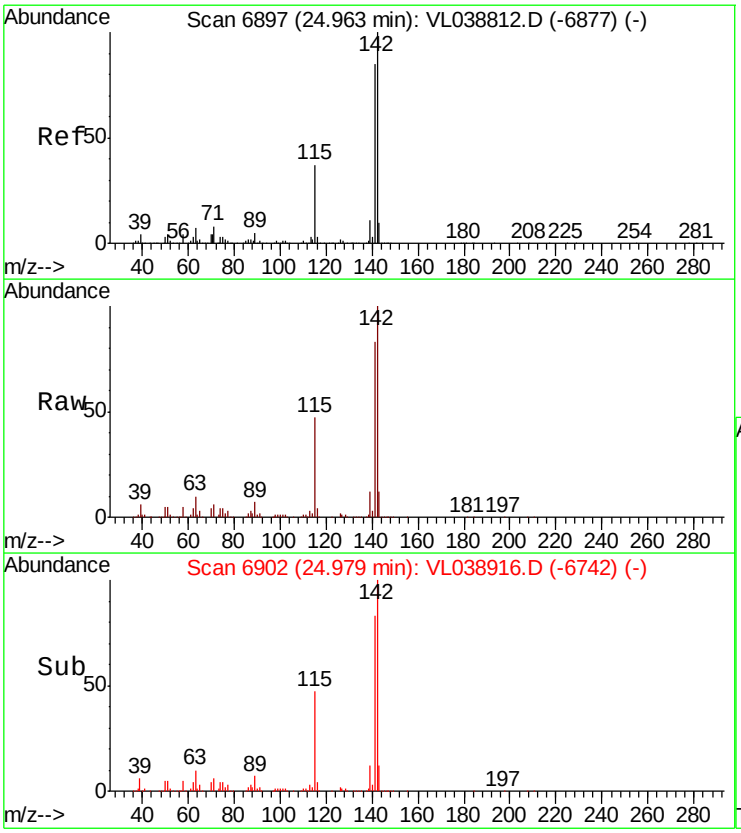
#79
Naphthalene
Concen: 8.589 ppbv
RT: 22.21
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 2750312

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	15.8
129	10.6	9.4	14.0

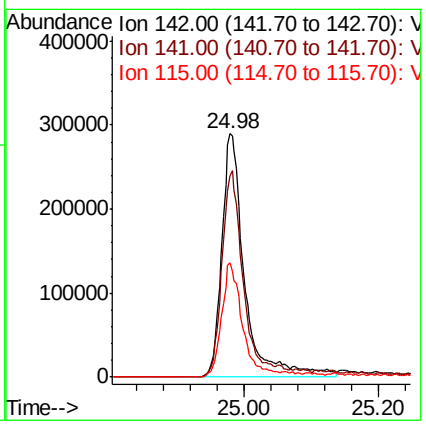


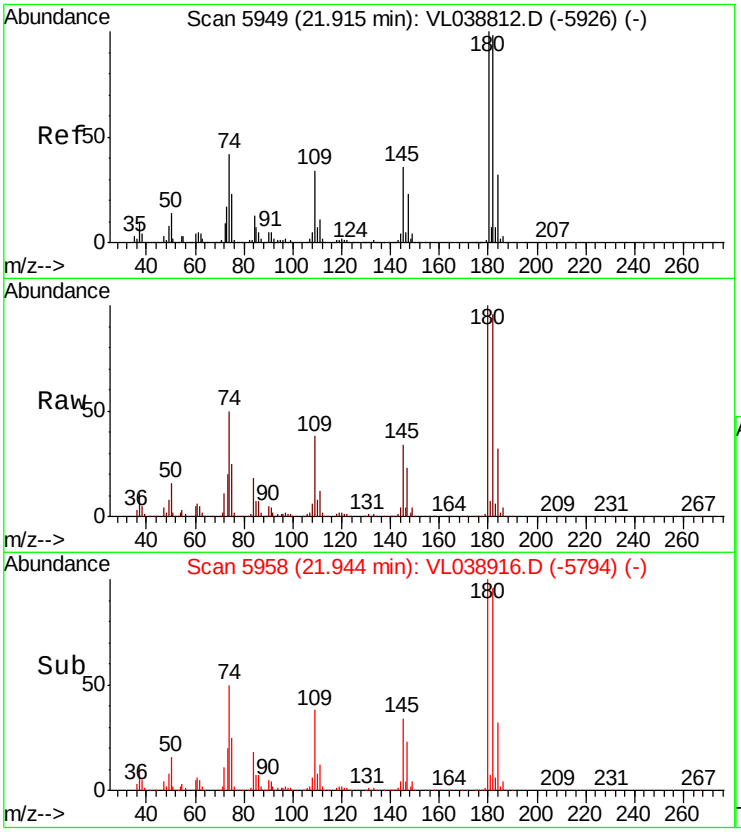


#80
Naphthalene,2-methyl-
Concen: 8.726 ppbv
RT: 24.98 min Scan# 6902
Delta R.T. 0.02 min
Lab File: VL038916.D
Acq: 14 Apr 2022 13:12

Tgt Ion:142 Resp: 688507

Ion	Ratio	Lower	Upper
142	100		
141	84.5	68.8	103.2
115	45.1	31.6	47.4





#81
1,2,4-Trichlorobenzene
Concen: 8.226 ppbv
RT: 21.94
Delta R.T
Lab File:
Acq: 14 Apr 2022 13:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1541479

Ion	Ratio	Lower	Upper
180	100		
182	98.1	79.4	119.0
184	30.6	25.0	37.6