Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041222\
Data File : VL038889.D
Acq On : 12 Apr 2022 12:54
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Apr 13 01:15:06 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	5.66	49	1099754	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2991927	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	3448178	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2103552	8.04	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 80.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	1360744	8.723	ppbv		100
3) Chlorodifluoromethane	2.99	51	1293958	9.641	ppbv		99
4) Chloromethane	3.14	50	655244	9.428	ppbv		94
5) Vinyl Chloride	3.26	62	607162	9.455	ppbv		95
6) Bromomethane	3.47	94	303799	9.778	ppbv		98
7) Chloroethane	3.56	64	209183	9.769	ppbv		96
8) Dichlorotetrafluoroethane	3.19	85	1455519	9.988	ppbv		97
9) Propene	3.01	41	678736	9.558	ppbv		100
10) Heptane	8.12	43	1672337	9.350	ppbv		99
11) Trichlorofluoromethane	3.95	101	1314648	10.488	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	986706	10.276	ppbv		96
13) Ethanol	3.60	45	25493	5.907	ppbv	#	100
14) Bromoethene	3.74	108	416236	9.857	ppbv		98
15) Acetone	3.84	43	1024454	9.357	ppbv		96
16) 1,3-Butadiene	3.33	39	604638	9.660	ppbv		99
17) tert-Butyl alcohol	4.28	59	802446	8.173	ppbv		100
18) 1,1-Dichloroethene	4.29	96	439368	10.038	ppbv		97
19) Isopropyl Alcohol	3.96	45	538689	9.626	ppbv	#	100
20) Methylene Chloride	4.34	84	358367	9.025	ppbv		98
21) Allyl Chloride	4.41	41	774545	9.448	ppbv		99
22) trans-1,2-Dichloroethene	4.88	96	477250	10.769	ppbv		92
23) Vinyl Acetate	5.07	43	1095764	10.277	ppbv		98
24) 1,1-Dichloroethane	5.01	63	958366	9.946	ppbv		99
25) Ethyl Acetate	5.67	43	2718253	9.784	ppbv		99
26) Hexane	5.68	57	1197402	9.469	ppbv		99
27) Carbon Disulfide	4.55	76	1164416	10.041	ppbv		99
28) Methyl tert-Butyl Ether	5.03	73	900767	9.223	ppbv		100
29) Chloroform	5.75	83	1780675	10.064	ppbv		98
30) Cyclohexane	7.13	84	1033299	9.271	ppbv		99
31) cis-1,2-Dichloroethene	5.55	61	1161097	9.986	ppbv		99
32) 1,1,1-Trichloroethane	6.51	97	1749434	9.814	ppbv		99
34) 2-Butanone	5.24	43	1175826	9.946	ppbv		99
35) Carbon Tetrachloride	7.01	117	1794400	10.004	ppbv		99
36) Benzene	6.89	78	2591059	9.520	ppbv		99
37) 1,2-Dichloroethane	6.30	62	1325095	10.648	ppbv		98
38) Trichloroethene	7.83	130	1012985	9.070	ppbv		98
39) 1,2-Dichloropropane	7.61	63	1000502	9.610	ppbv		97
40) 1,4-Dioxane	7.82	88	339270	9.597	ppbv	#	1
41) Tetrahydrofuran	6.04	42	1094706	9.750	ppbv		99
42) Bromodichloromethane	7.79	83	2009460	10.226	ppbv		99
43) Methyl Methacrylate	8.01	69	1075763	10.319	ppbv		99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041222\
Data File : VL038889.D
Acq On : 12 Apr 2022 12:54
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Apr 13 01:15:06 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	7.86	57	4271258	9.269	ppbv		99
45) t-1,3-Dichloropropene	9.27	75	1140692	10.465	ppbv		100
46) cis-1,3-Dichloropropene	8.70	75	1446584	10.066	ppbv		98
47) 1,1,2-Trichloroethane	9.47	97	1039711	9.747	ppbv		97
48) Dibromochloromethane	10.30	129	1692872	10.125	ppbv		99
49) Bromoform	13.03	173	1323787	9.997	ppbv		97
50) 4-Methyl-2-Pentanone	8.73	43	2675477	10.061	ppbv		99
51) 2-Hexanone	10.12	43	2148100	10.721	ppbv	#	97
52) Tetrachloroethene	11.22	164	849198	8.932	ppbv		99
53) Toluene	9.80	91	2989346	9.514	ppbv		99
54) 1,2-Dibromoethane	10.60	107	1500617	10.127	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.12	131	1161738	7.688	ppbv	#	92
57) Chlorobenzene	12.14	112	2101683	7.442	ppbv		98
58) Ethyl Benzene	12.70	91	3980769	7.726	ppbv		94
59) m/p-Xylene	12.99	91	3523522	8.140	ppbv	#	46
60) o-Xylene	13.68	91	3082898	7.611	ppbv		97
61) Styrene	13.52	104	1969759	7.982	ppbv		99
62) Isopropylbenzene	14.66	105	4517743	7.431	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.67	83	1941244	7.567	ppbv		99
64) n-propylbenzene	15.55	120	1178219	7.463	ppbv		87
65) tert-Butylbenzene	16.73	119	3877885	7.189	ppbv		97
66) Benzyl Chloride	16.98	91	740486	6.743	ppbv		94
67) sec-Butylbenzene	17.28	105	5636341	7.446	ppbv		98
69) p-Isopropyltoluene	17.64	119	4653028	7.487	ppbv		99
70) n-Butylbenzene	18.54	91	5004797	7.993	ppbv		98
71) 2-Chlorotoluene	15.44	91	3506517	7.670	ppbv		98
72) 4-Ethyltoluene	15.83	105	3825690	7.909	ppbv		98
73) 1,3,5-Trimethylbenzene	15.99	105	3361953	7.737	ppbv		94
74) 1,2,4-Trimethylbenzene	16.75	105	3485544	7.588	ppbv		99
75) 1,3-Dichlorobenzene	16.99	146	2022124	7.582	ppbv		99
76) 1,4-Dichlorobenzene	17.13	146	1987467	7.565	ppbv		99
77) 1,2-Dichlorobenzene	17.81	146	1997454	7.598	ppbv		100
78) Hexachloro-1,3-Butadiene	23.37	225	1399838	6.739	ppbv		98
79) Naphthalene	22.18	128	2944957	8.571	ppbv		100
80) Naphthalene,2-methyl-	24.96	142	760411	8.981	ppbv		96
81) 1,2,4-Trichlorobenzene	21.91	180	1585168	7.883	ppbv		99

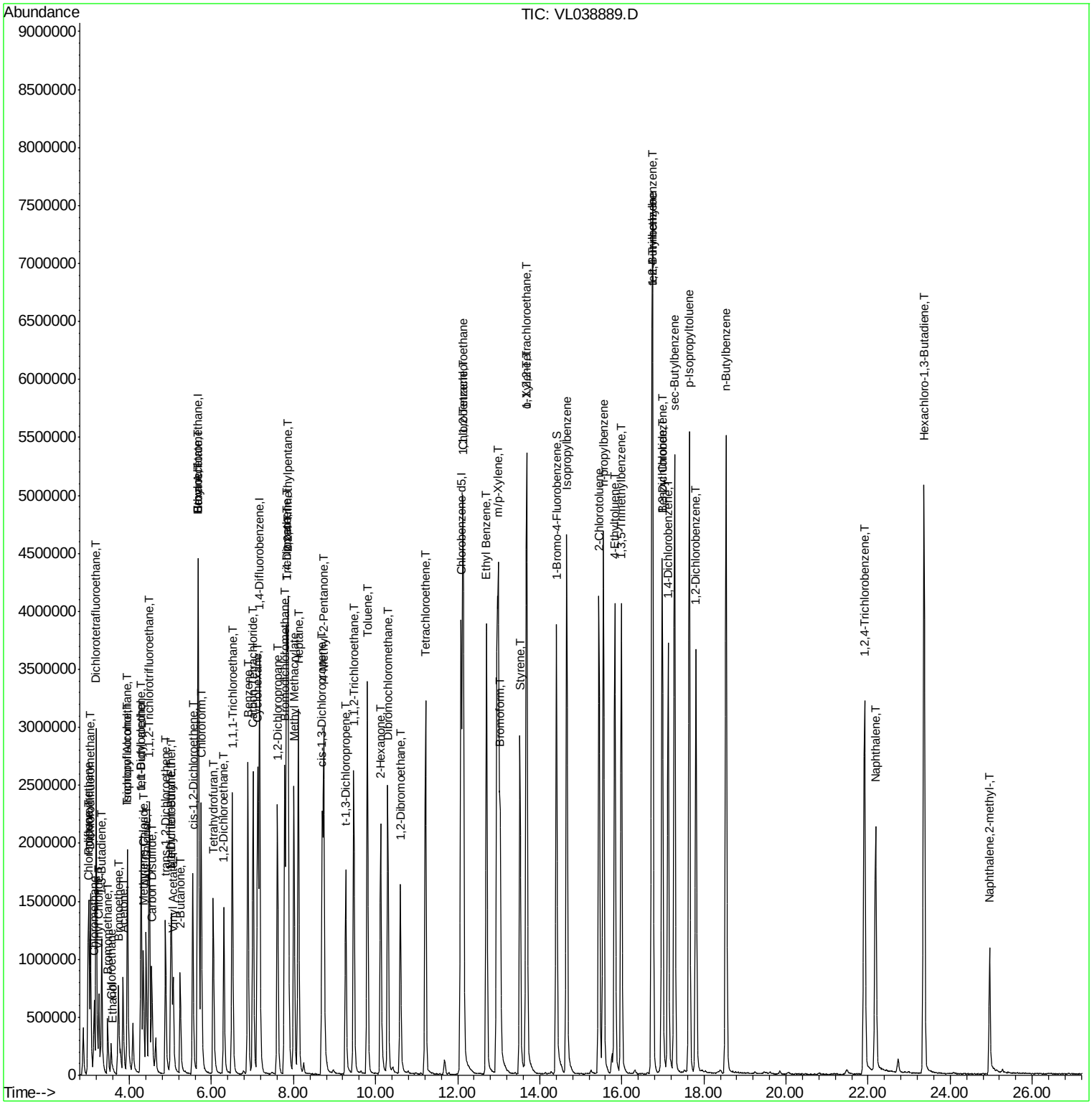
(#) = qualifier out of range (m) = manual integration (+) = signals summed

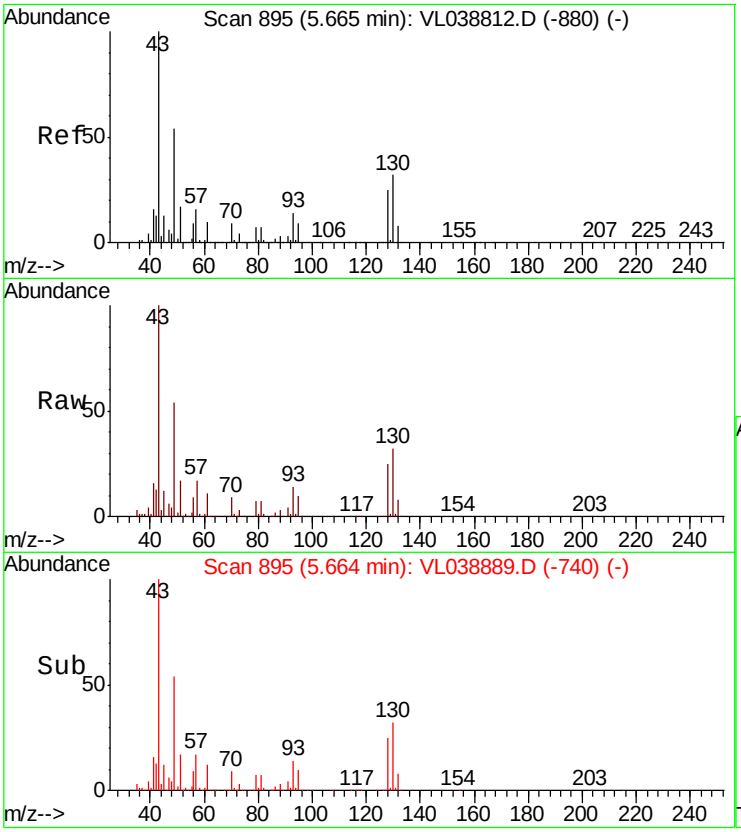
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041222\
Data File : VL038889.D
Acq On : 12 Apr 2022 12:54
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Apr 13 01:15:06 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



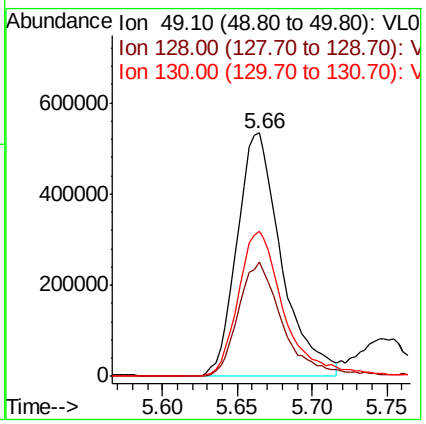


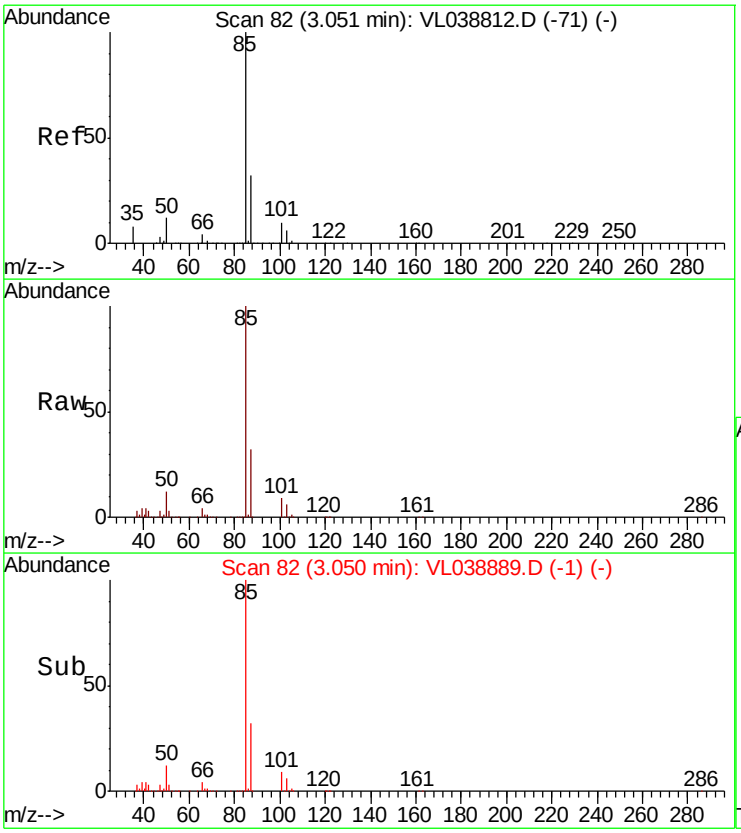
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1099754

Ion	Ratio	Lower	Upper
49	100		
128	48.0	24.1	72.3
130	62.7	30.9	92.8

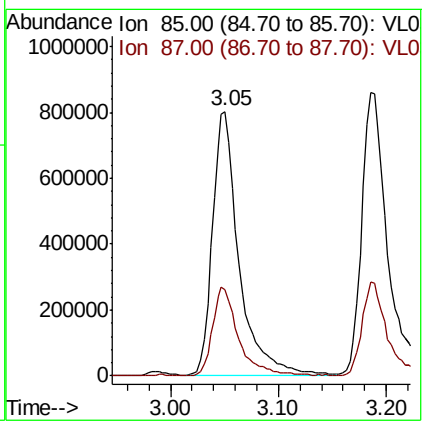


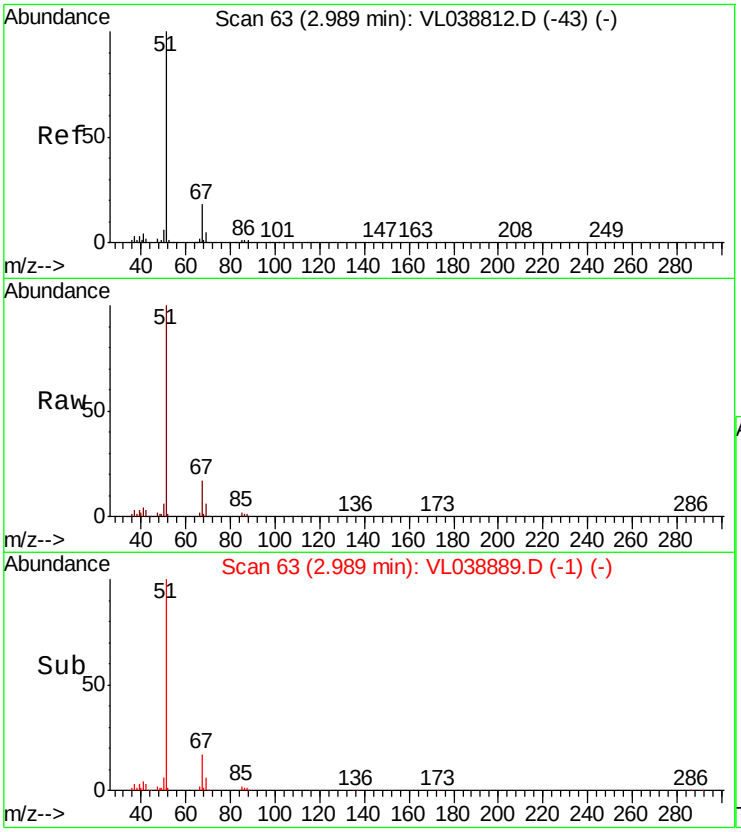


#2
Dichlorodifluoromethane
Concen: 8.723 ppbv
RT: 3.05 min Scan# 82
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 85 Resp: 1360744

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.9	38.9



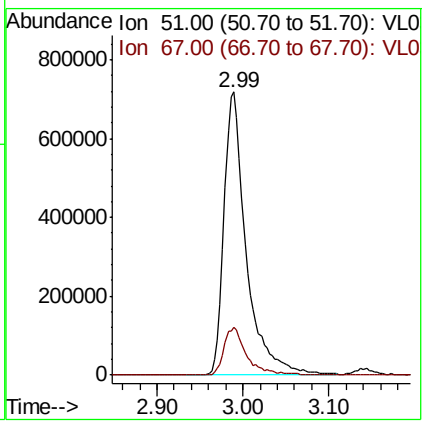


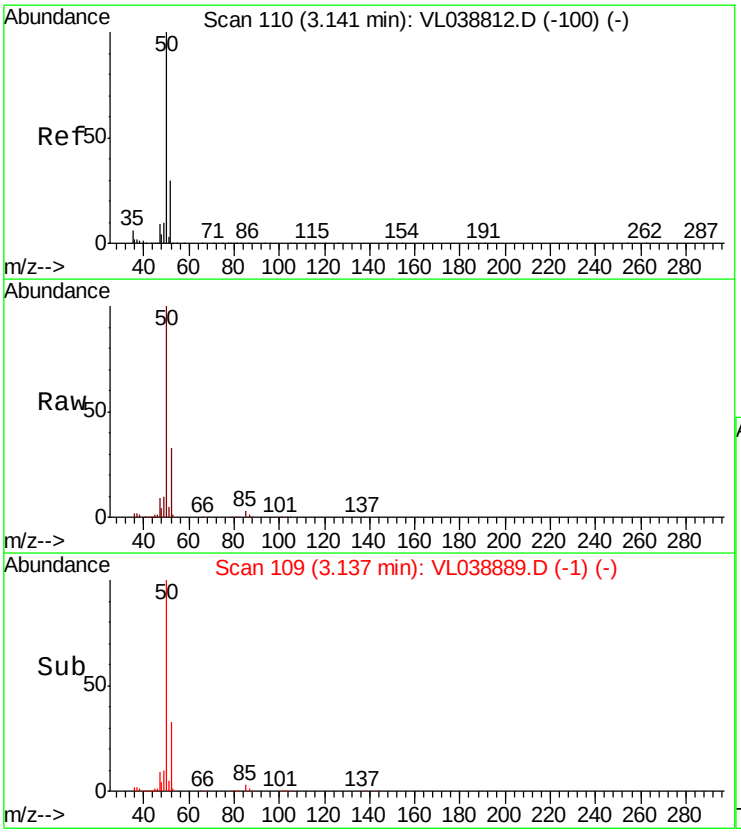
#3
Chlorodifluoromethane
Concen: 9.641 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1293958

Ion	Ratio	Lower	Upper
51	100		
67	17.2	13.4	20.0

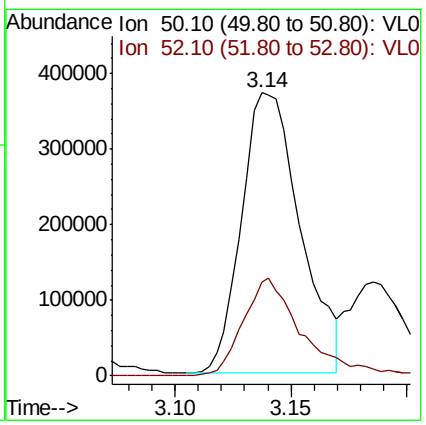


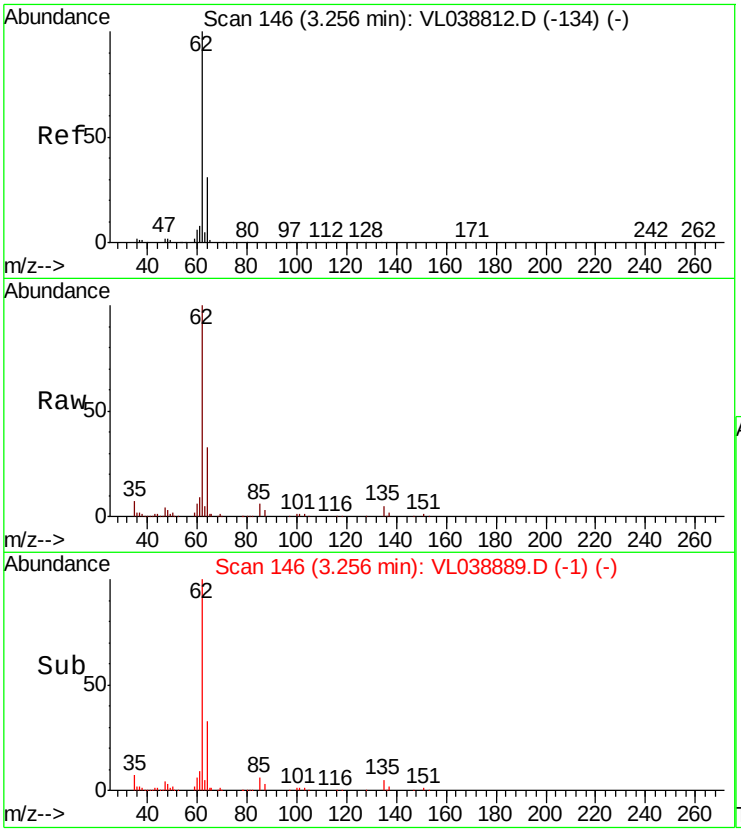


#4
Chloromethane
Concen: 9.428 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 50 Resp: 655244

Ion	Ratio	Lower	Upper
50	100		
52	33.6	24.3	36.5



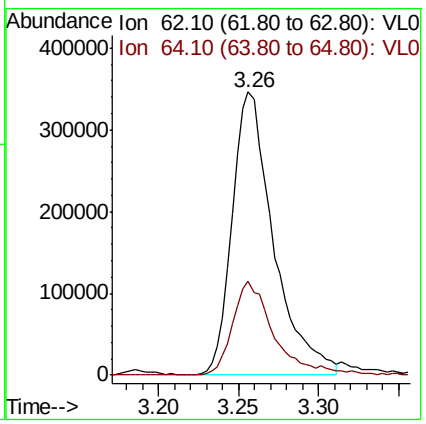


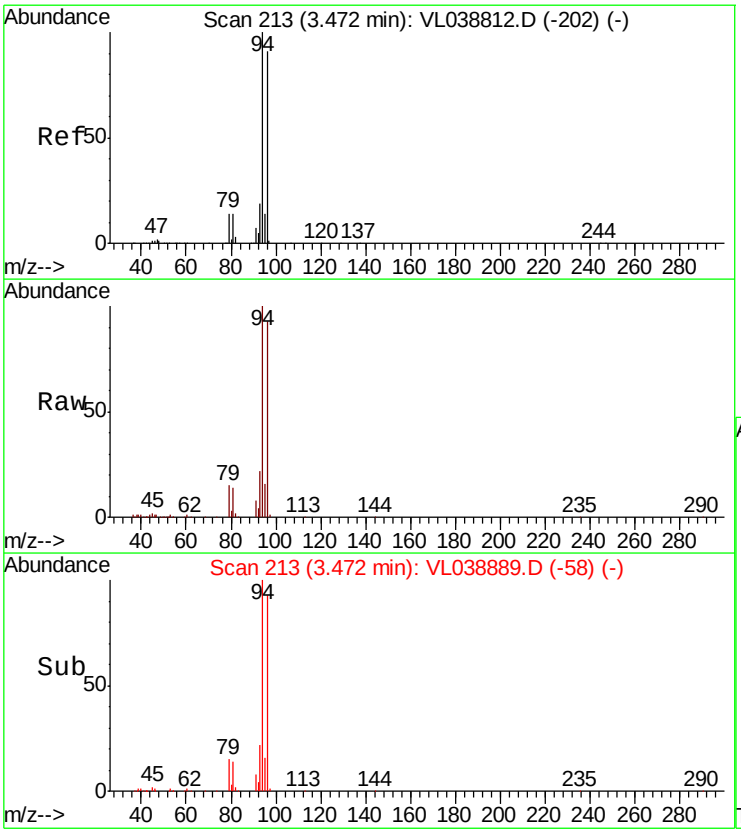
#5
Vinyl Chloride
Concen: 9.455 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 607162

Ion	Ratio	Lower	Upper
62	100		
64	33.4	24.6	37.0

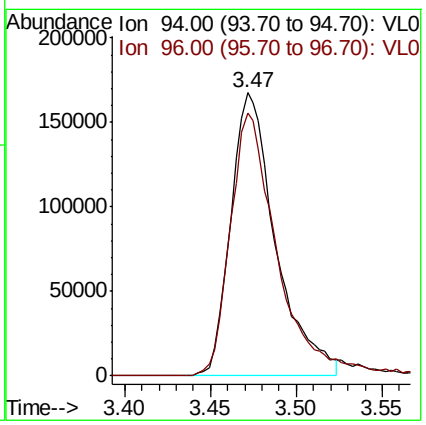


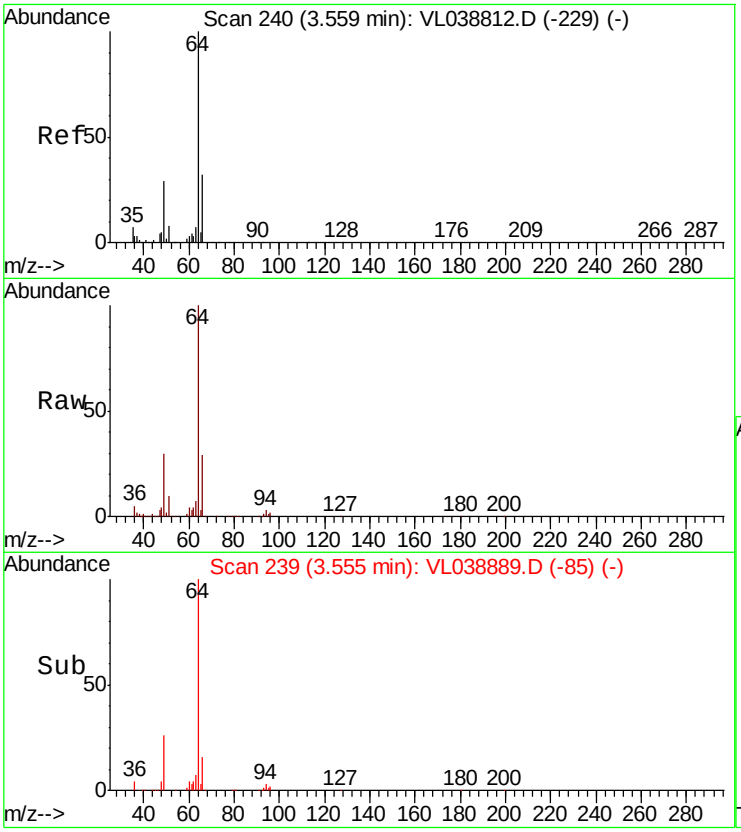


#6
Bromomethane
Concen: 9.778 ppbv
RT: 3.47 min Scan# 213
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 94 Resp: 303799

Ion	Ratio	Lower	Upper
94	100		
96	93.0	73.2	109.8



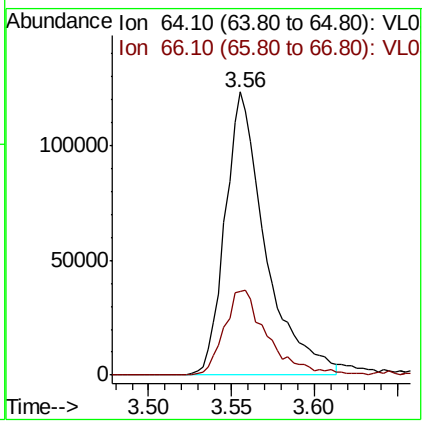


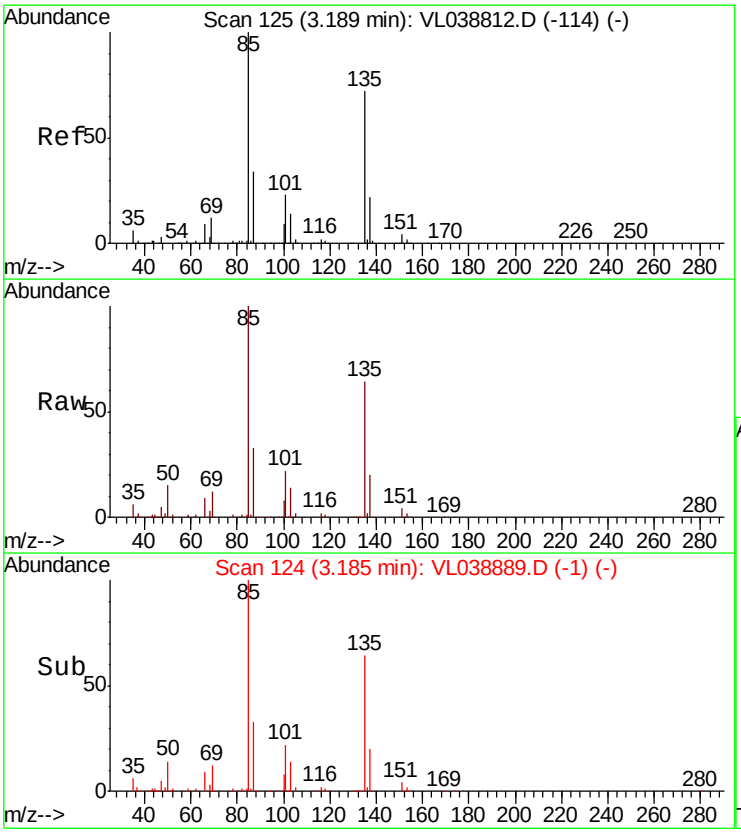
#7
Chloroethane
Concen: 9.769 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 209183

Ion	Ratio	Lower	Upper
64	100		
66	29.4	25.4	38.2

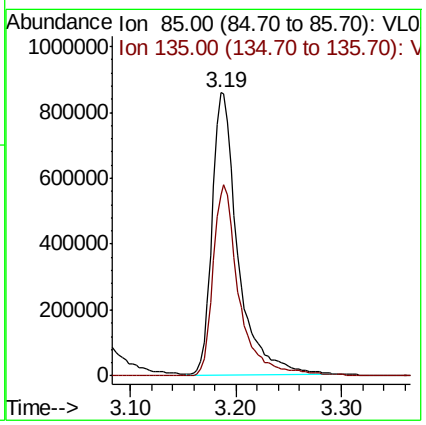


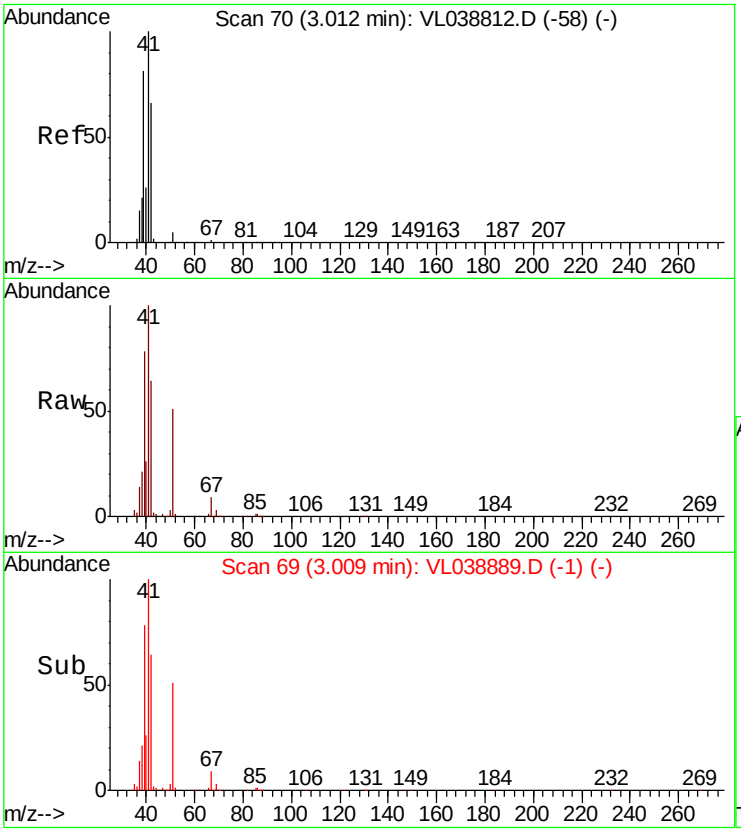


#8
Dichlorotetrafluoroethane
Concen: 9.988 ppbv
RT: 3.19 min Scan# 124
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 85 Resp: 1455519

Ion	Ratio	Lower	Upper
85	100		
135	68.9	57.0	85.6



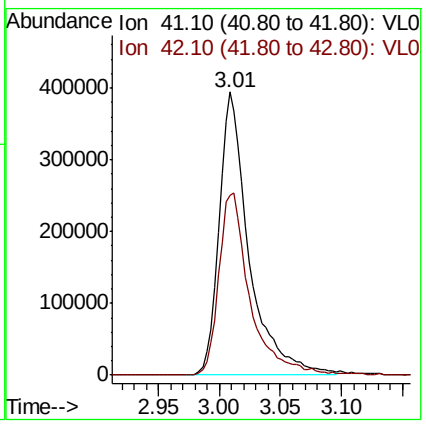


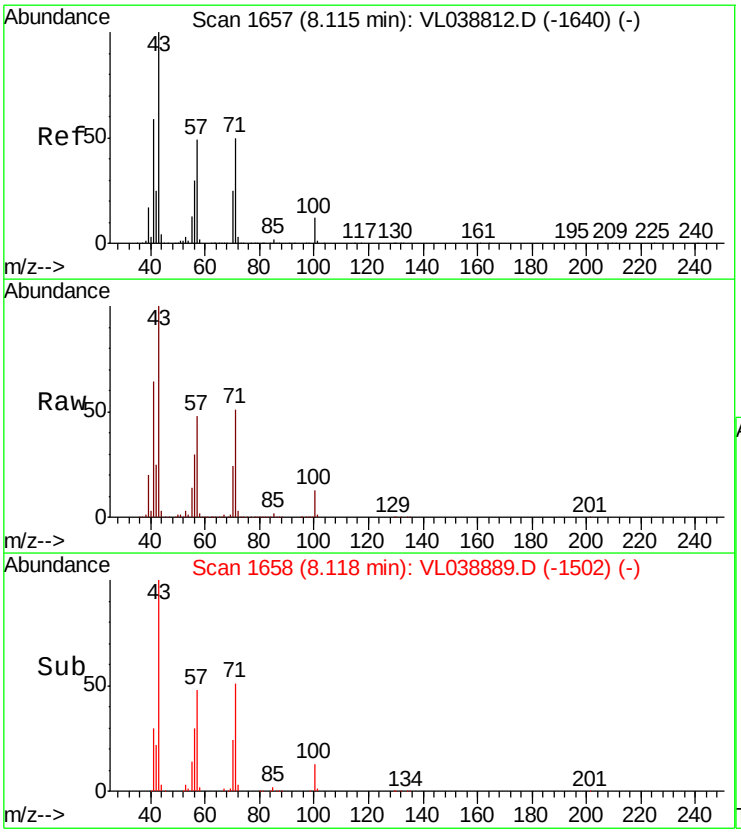
#9
Propene
Concen: 9.558 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 678736

Ion	Ratio	Lower	Upper
41	100		
42	67.7	54.2	81.4

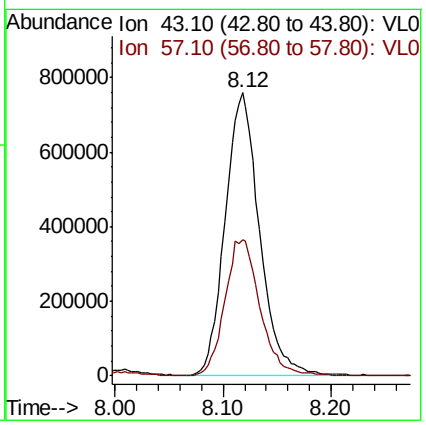


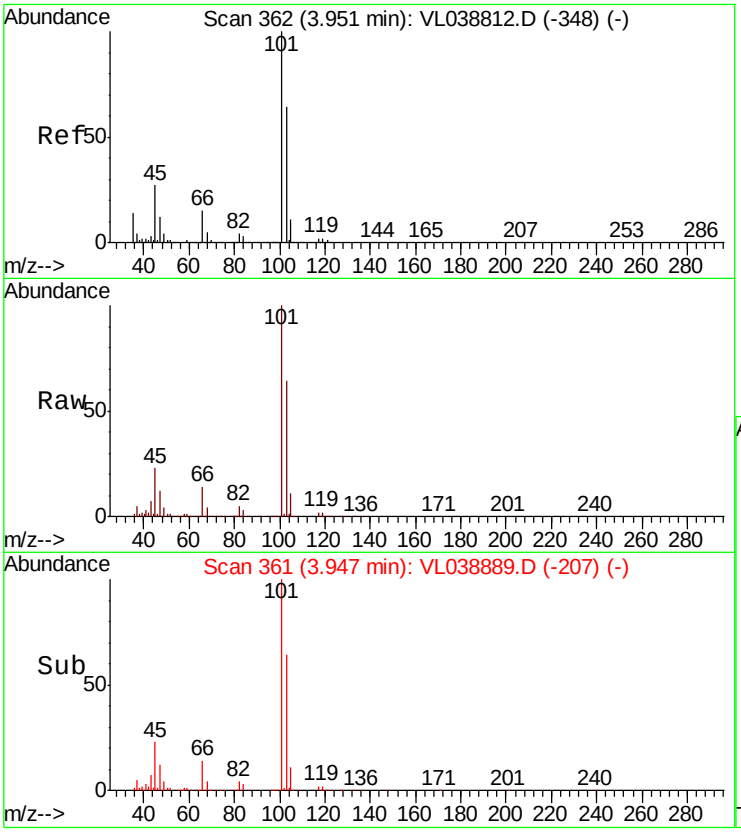


#10
Heptane
Concen: 9.350 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 43 Resp: 1672337

Ion	Ratio	Lower	Upper
43	100		
57	49.8	39.3	58.9



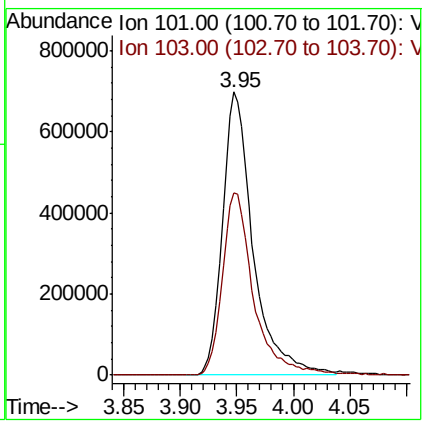


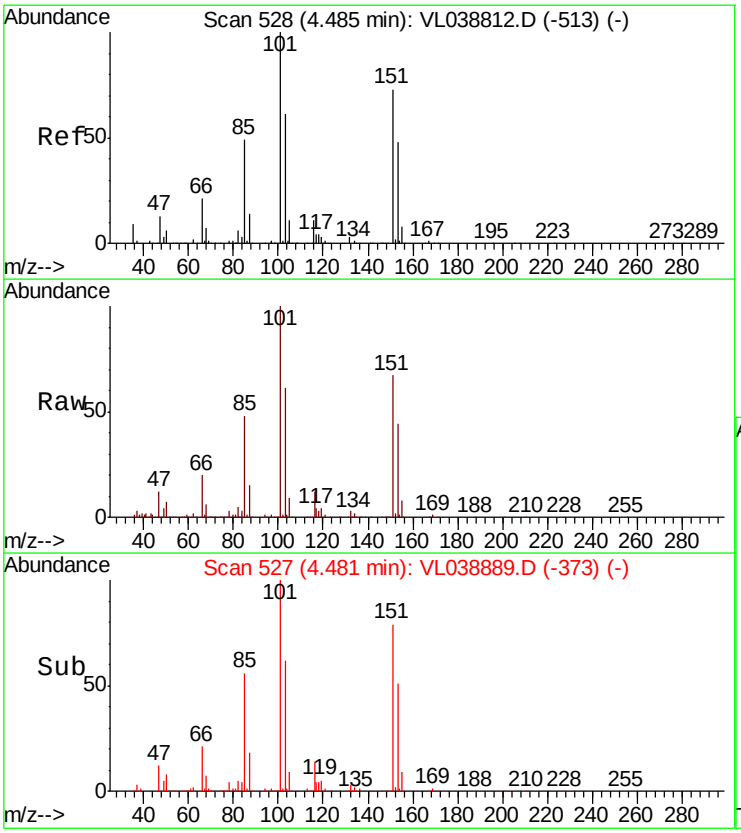
#11
Trichlorofluoromethane
Concen: 10.488 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1314648

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.0

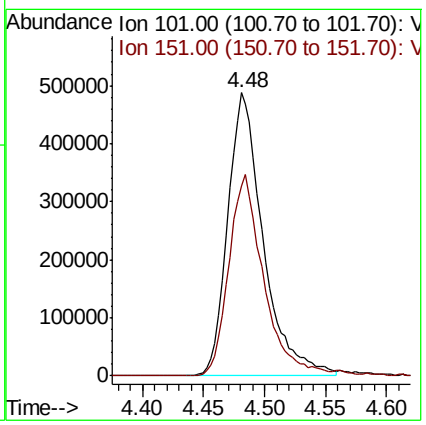


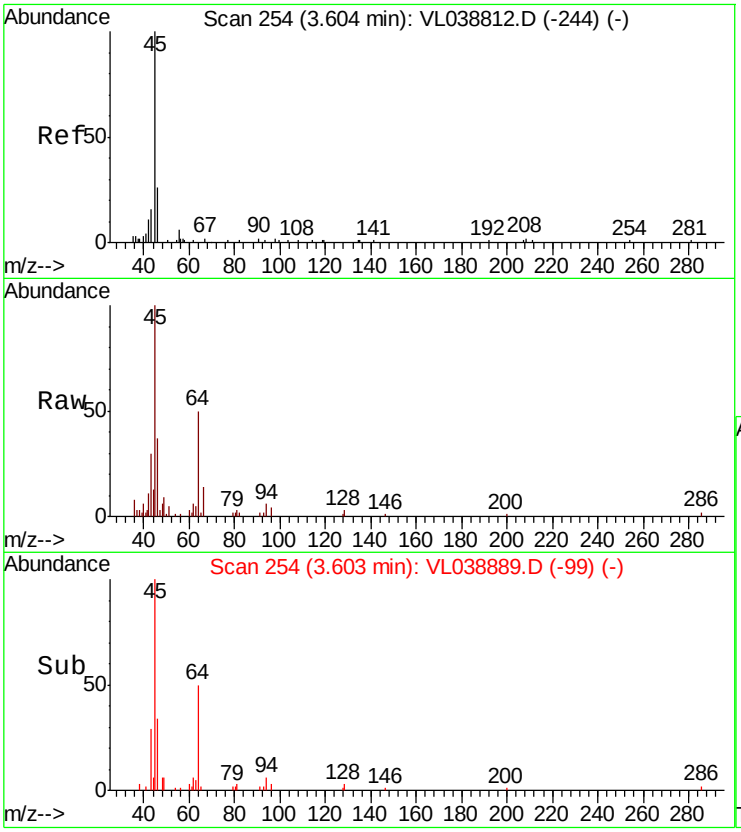


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.276 ppbv
RT: 4.48 min Scan# 527
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:101 Resp: 986706

Ion	Ratio	Lower	Upper
101	100		
151	71.5	59.9	89.9



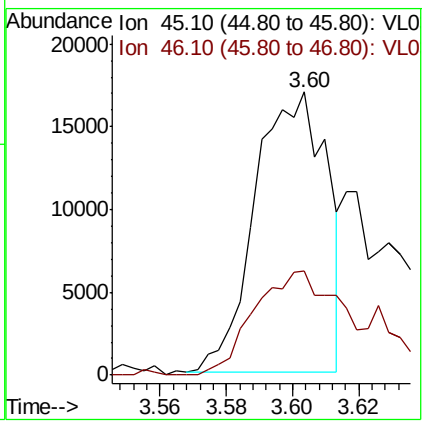


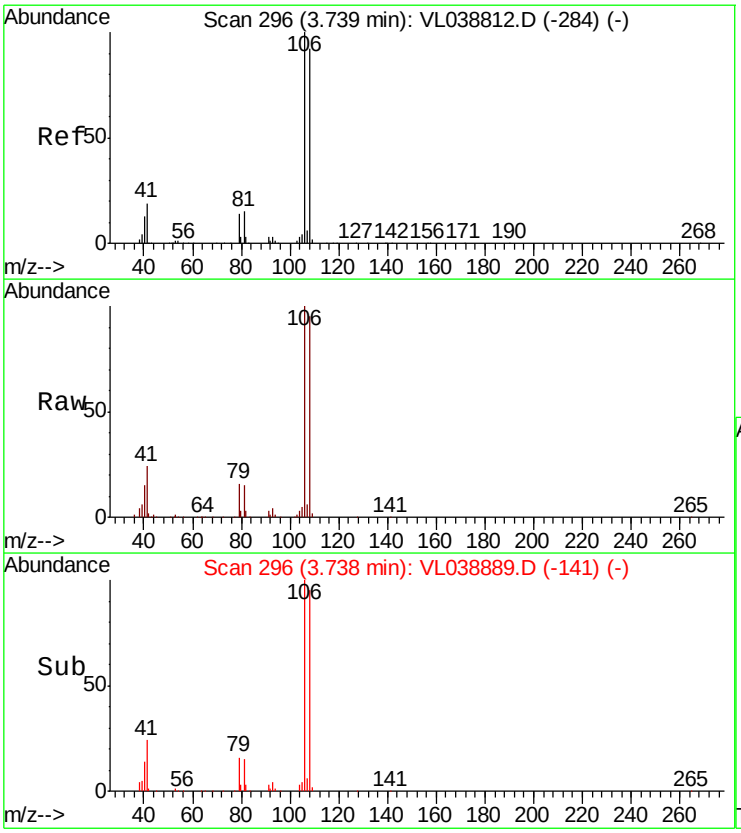
#13
Ethanol
Concen: 5.907 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 25493

Ion	Ratio	Lower	Upper
45	100		
46	61.8	0.0	0.0#

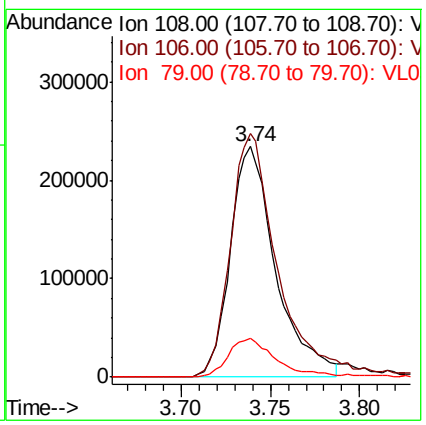


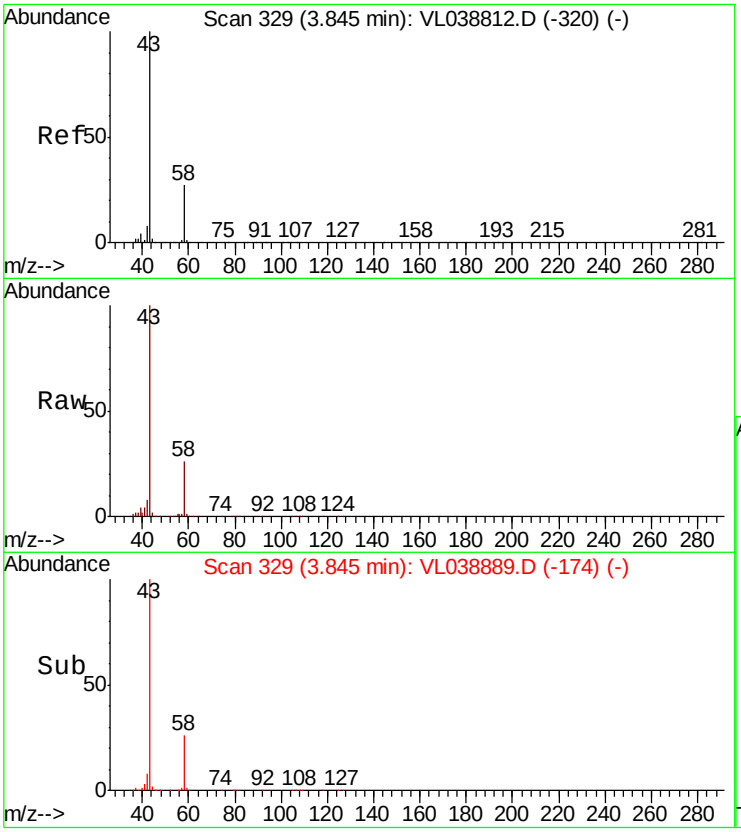


#14
Bromoethene
Concen: 9.857 ppbv
RT: 3.74 min Scan# 296
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:108 Resp: 416236

Ion	Ratio	Lower	Upper
108	100		
106	113.0	91.5	137.3
79	18.7	13.7	20.5



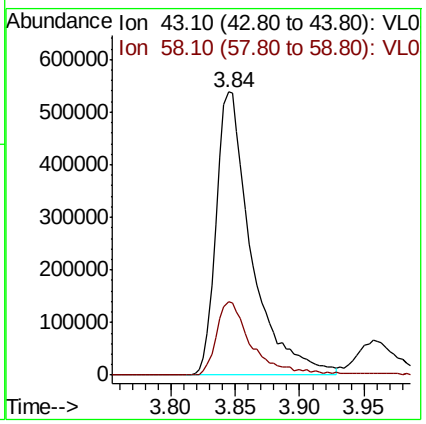


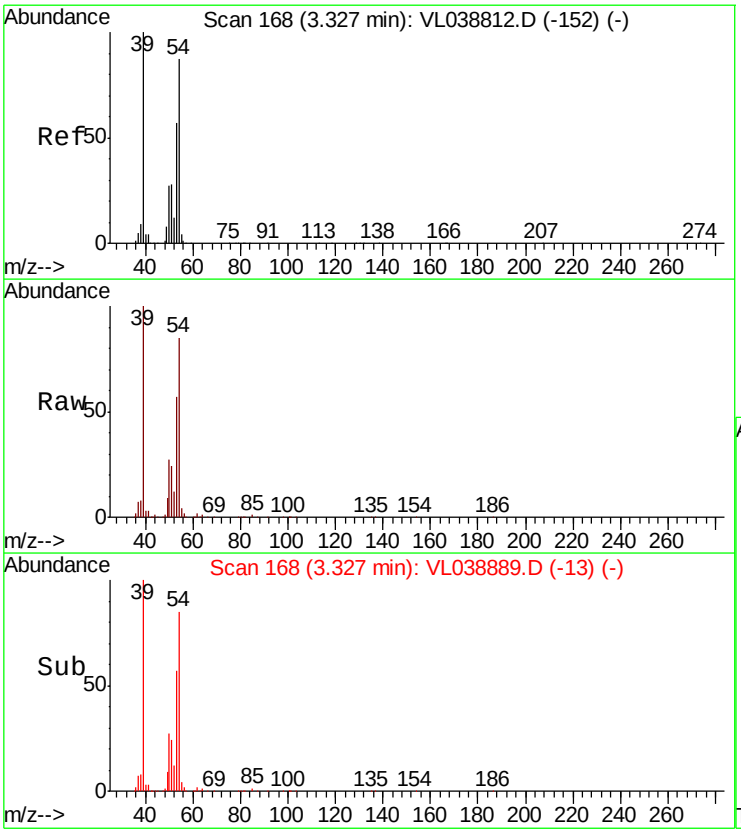
#15
Acetone
Concen: 9.357 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1024454

Ion	Ratio	Lower	Upper
43	100		
58	26.1	22.5	33.7

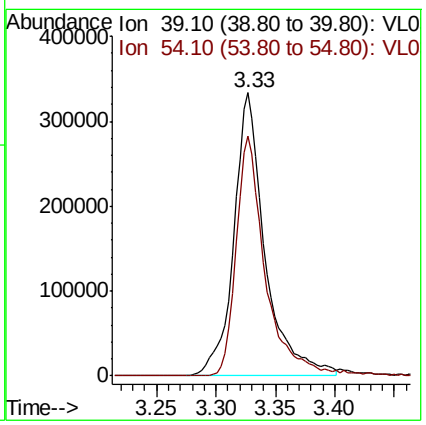


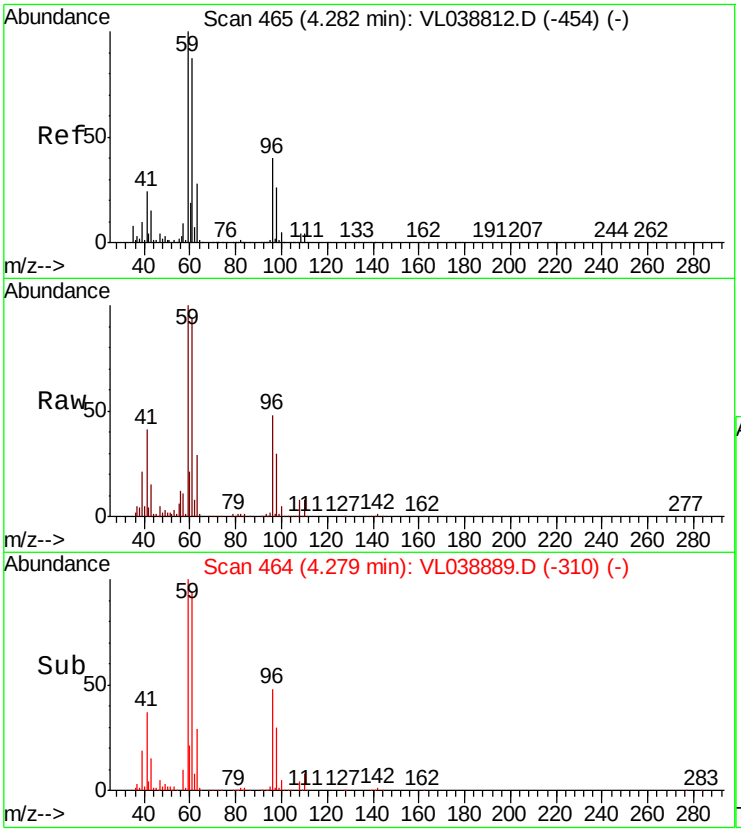


#16
1,3-Butadiene
Concen: 9.660 ppbv
RT: 3.33 min Scan# 168
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 39 Resp: 604638

Ion	Ratio	Lower	Upper
39	100		
54	80.4	64.8	97.2



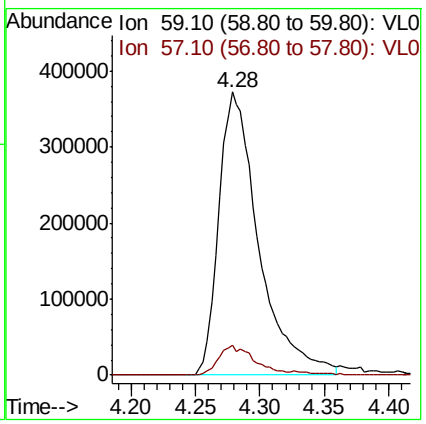


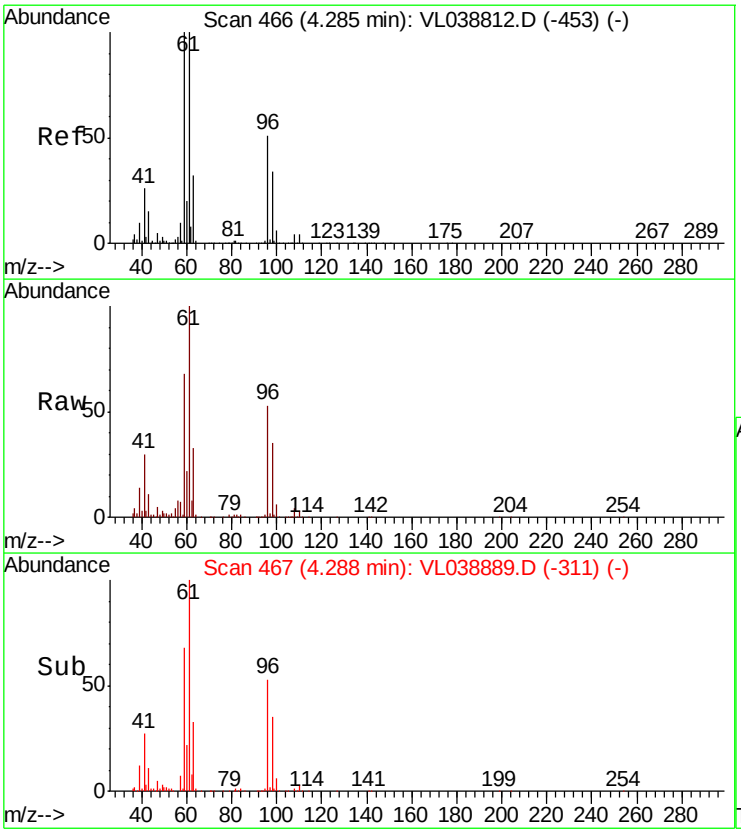
#17
tert-Butyl alcohol
Concen: 8.173 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 802446

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

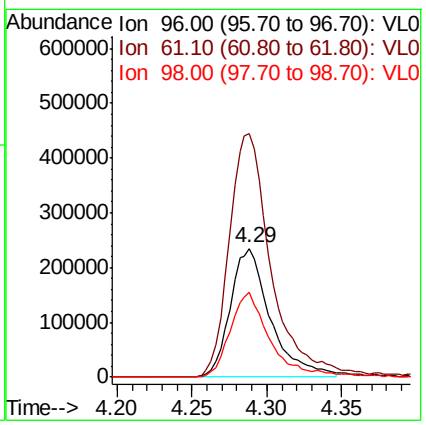


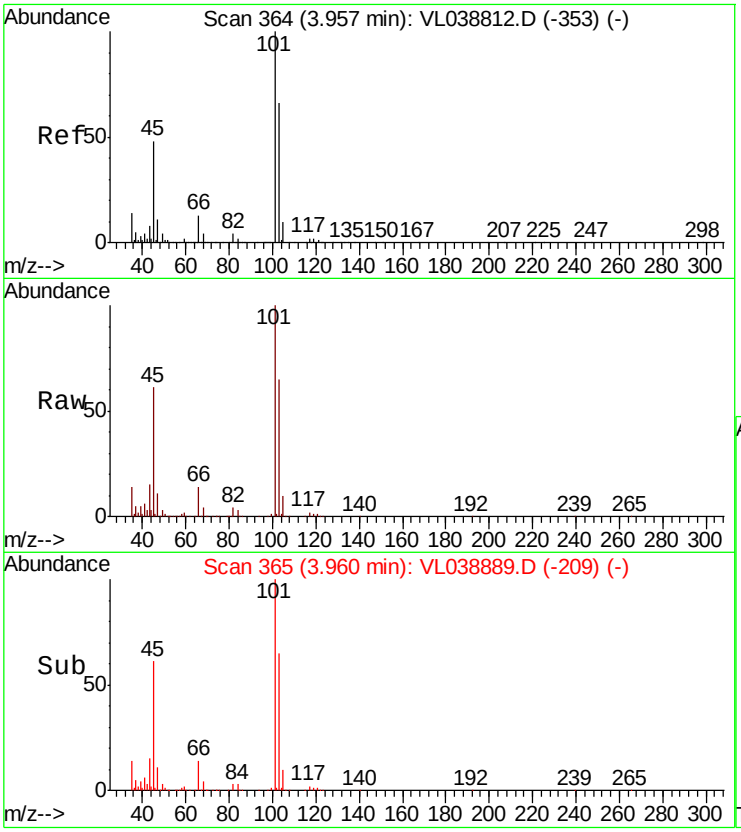


#18
1,1-Dichloroethene
Concen: 10.038 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 96 Resp: 439368

Ion	Ratio	Lower	Upper
96	100		
61	189.1	156.1	234.1
98	66.2	53.0	79.6



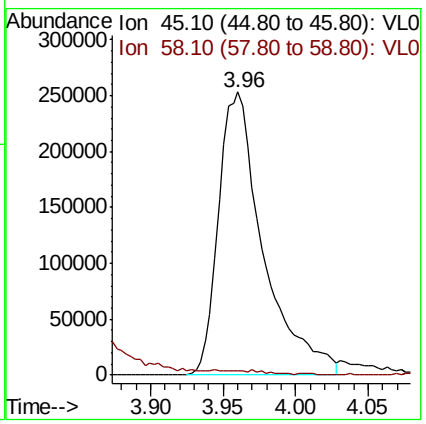


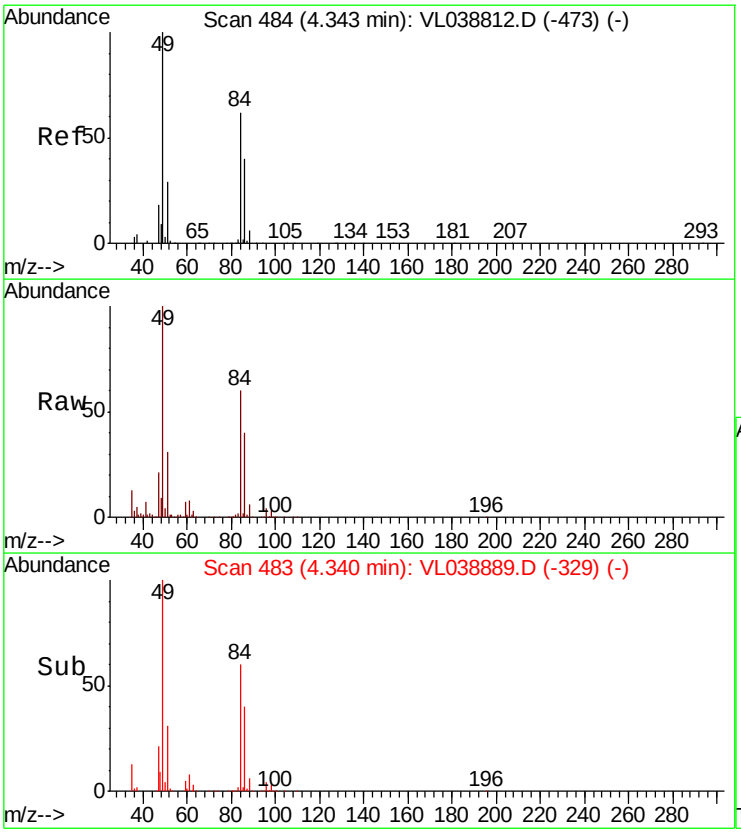
#19
Isopropyl Alcohol
Concen: 9.626 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 538689

Ion	Ratio	Lower	Upper
45	100		
58	1.7	0.0	0.0#

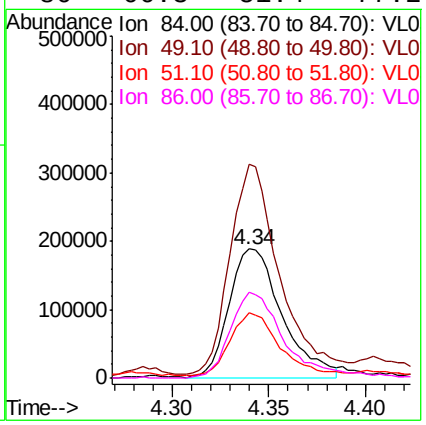


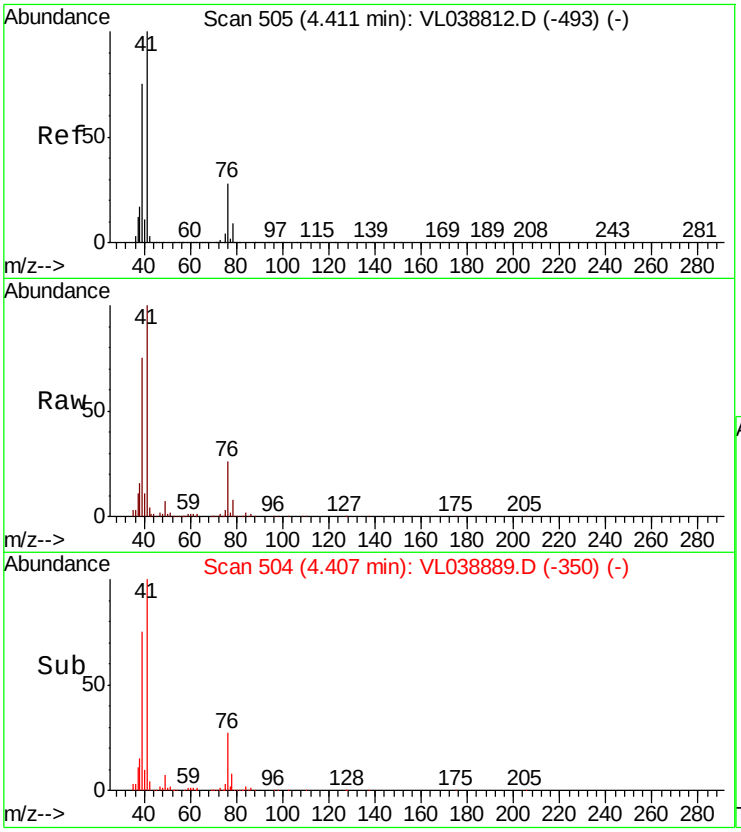


#20
Methylene Chloride
Concen: 9.025 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 84 Resp: 358367

Ion	Ratio	Lower	Upper
84	100		
49	163.4	129.4	194.0
51	49.0	37.4	56.2
86	66.3	51.4	77.2



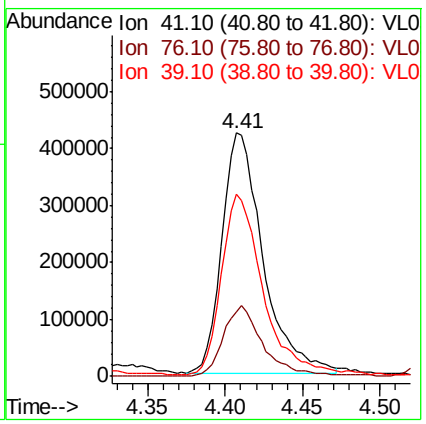


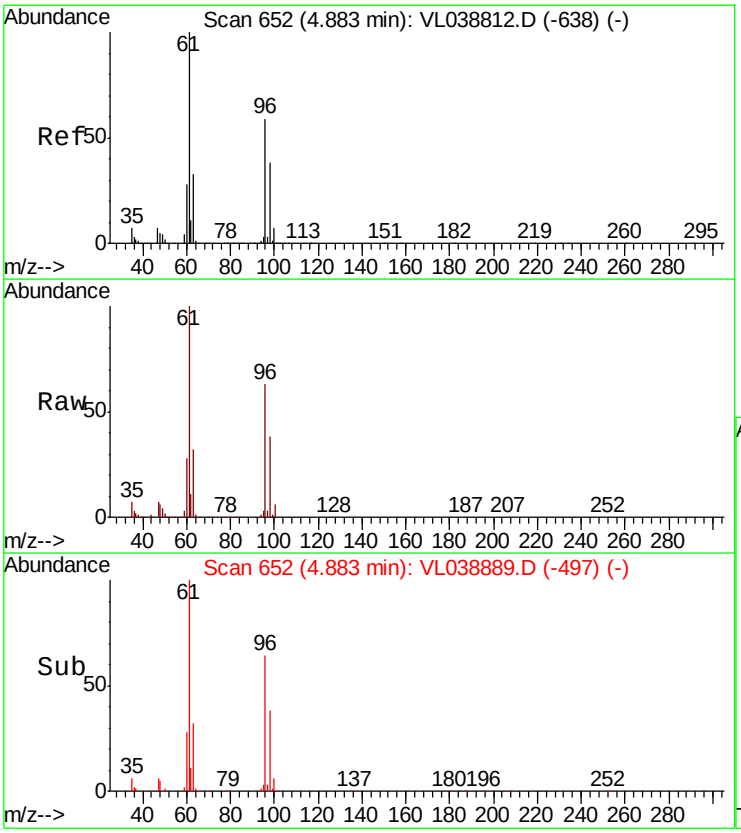
#21
Allvl Chloride
Concen: 9.448 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 774545

Ion	Ratio	Lower	Upper
41	100		
76	29.0	23.7	35.5
39	77.1	62.0	93.0

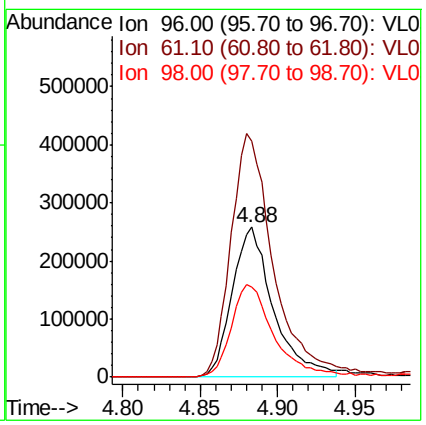


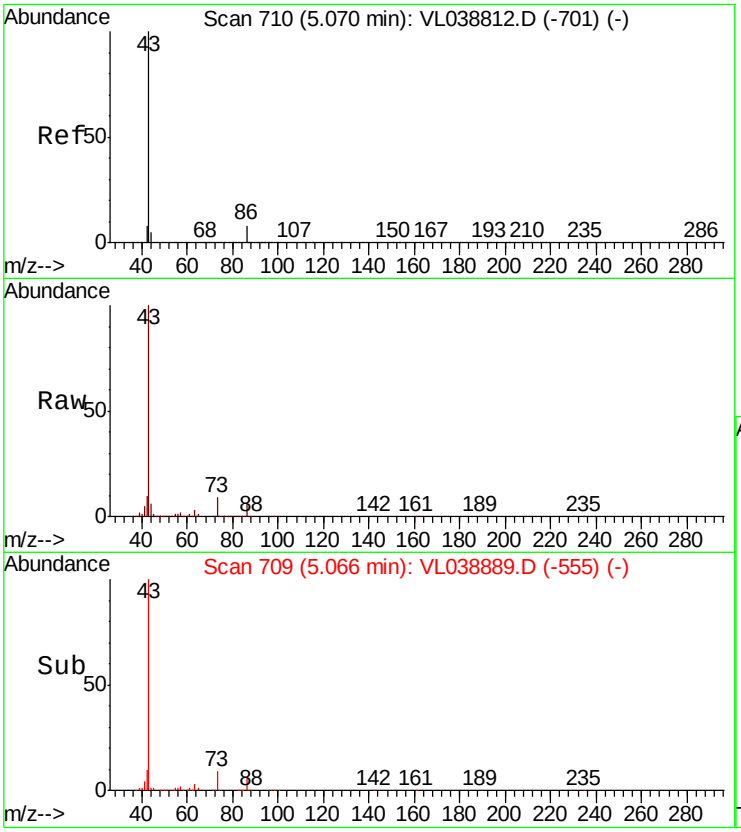


#22
trans-1,2-Dichloroethene
Concen: 10.769 ppbv
RT: 4.88 min Scan# 652
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 96 Resp: 477250

Ion	Ratio	Lower	Upper
96	100		
61	157.5	134.8	202.2
98	60.1	51.9	77.9



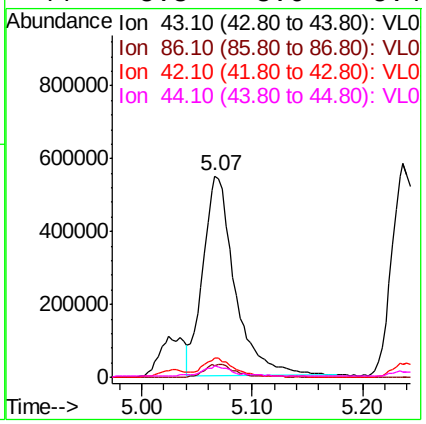


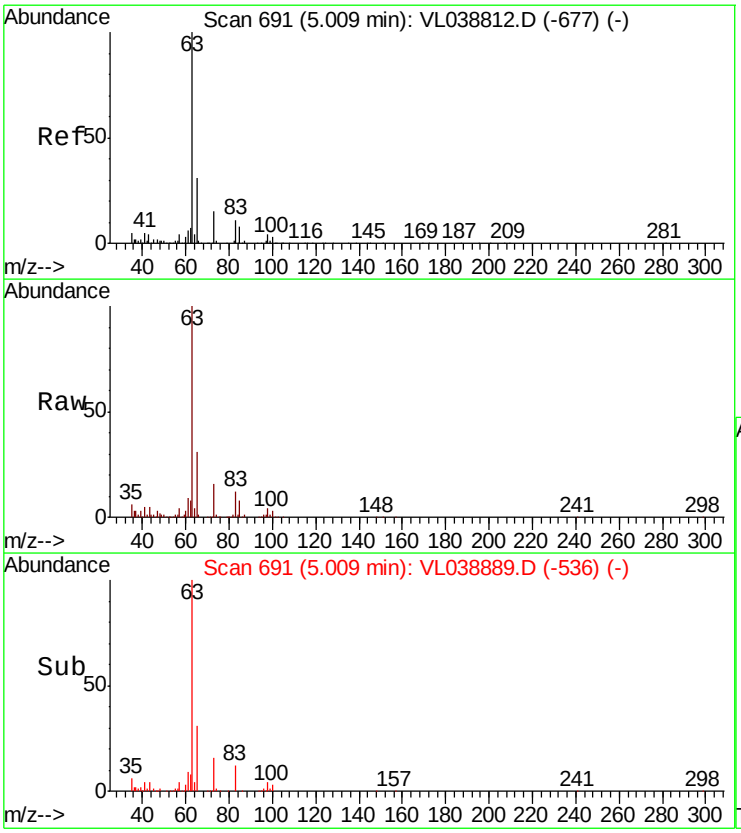
#23
Vinyl Acetate
Concen: 10.277 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1095764

Ion	Ratio	Lower	Upper
43	100		
86	5.8	5.8	8.6
42	9.8	7.8	11.6
44	5.3	3.6	5.4

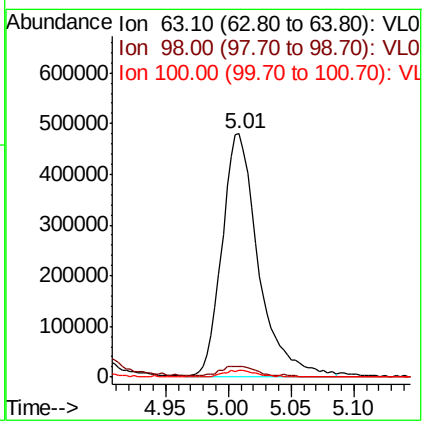


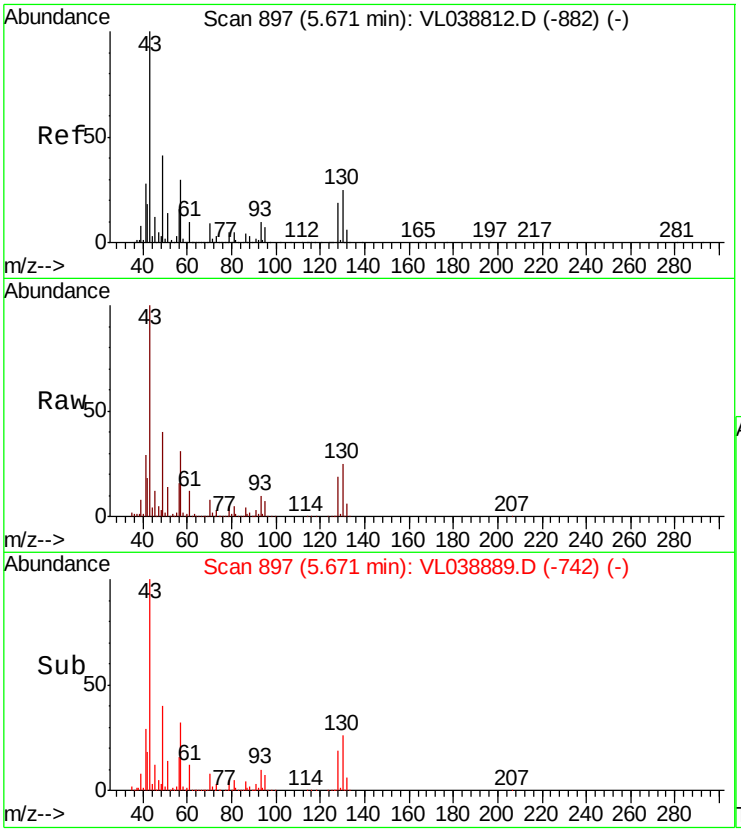


#24
1,1-Dichloroethane
Concen: 9.946 ppbv
RT: 5.01 min Scan# 691
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 63 Resp: 958366

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.2	6.6
100	3.0	1.4	4.0



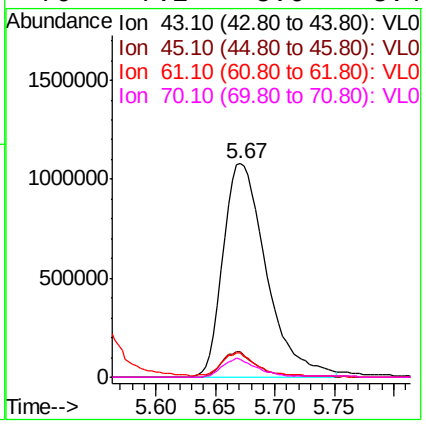


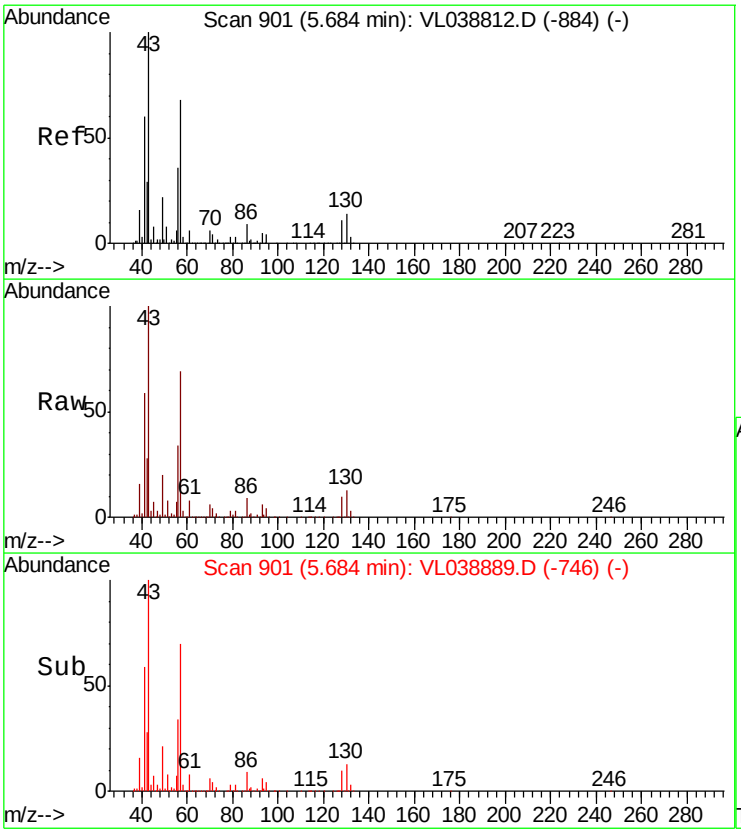
#25
Ethyl Acetate
Concen: 9.784 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2718253

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.4	12.6
61	10.2	7.9	11.9
70	7.2	5.6	8.4

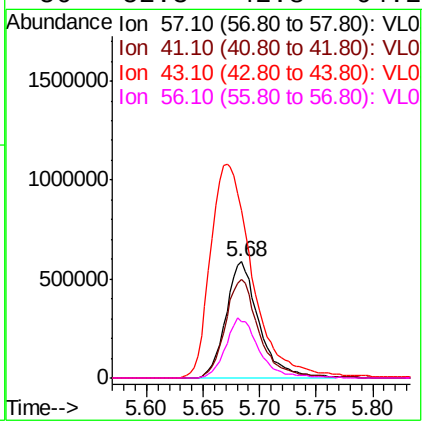


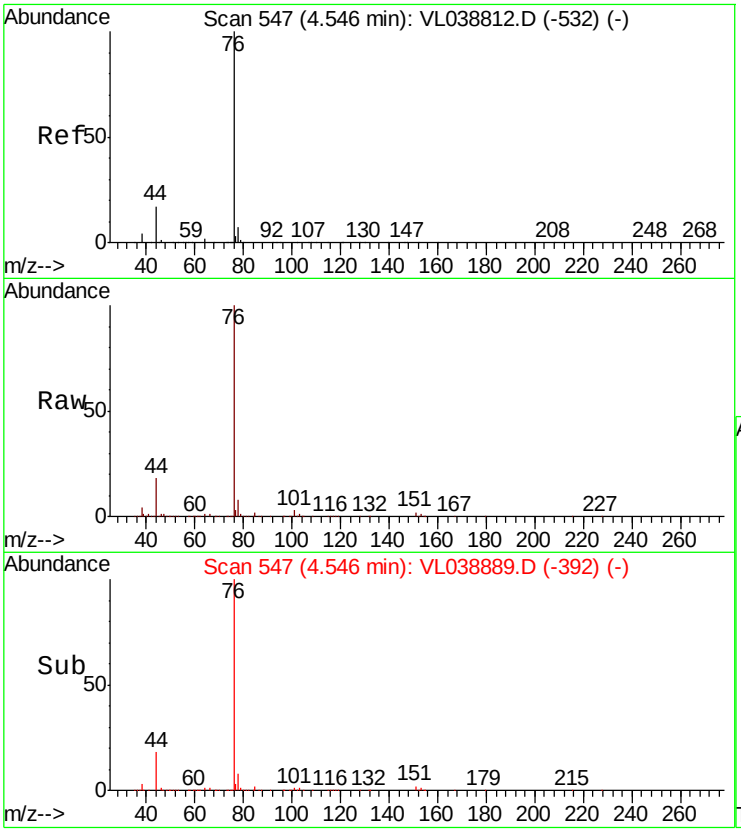


#26
Hexane
Concen: 9.469 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 57 Resp: 1197402

Ion	Ratio	Lower	Upper
57	100		
41	87.8	72.0	108.0
43	231.7	186.6	280.0
56	52.3	42.8	64.2



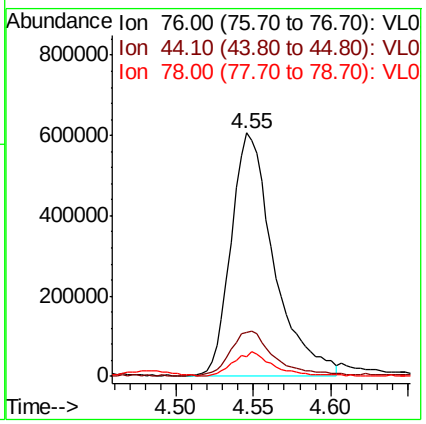


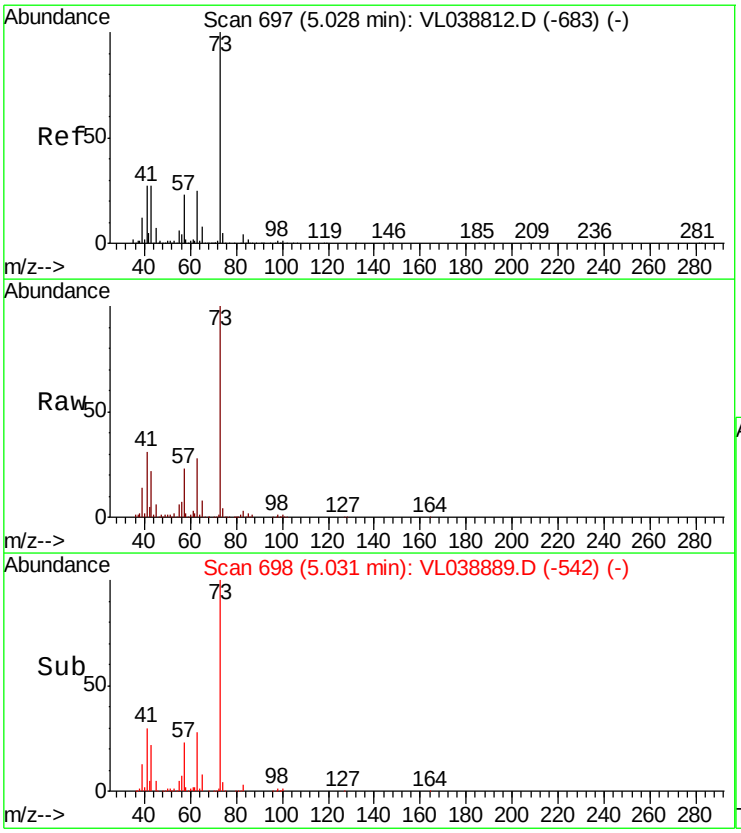
#27
Carbon Disulfide
Concen: 10.041 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1164416

Ion	Ratio	Lower	Upper
76	100		
44	18.8	15.7	23.5
78	9.9	7.8	11.8

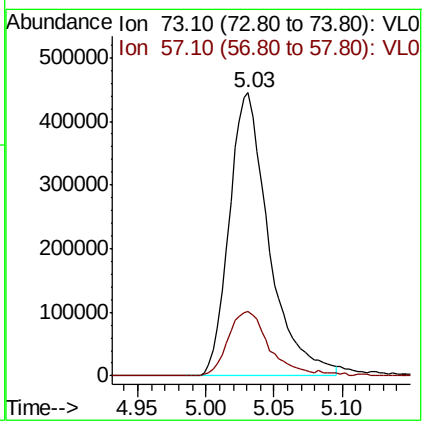


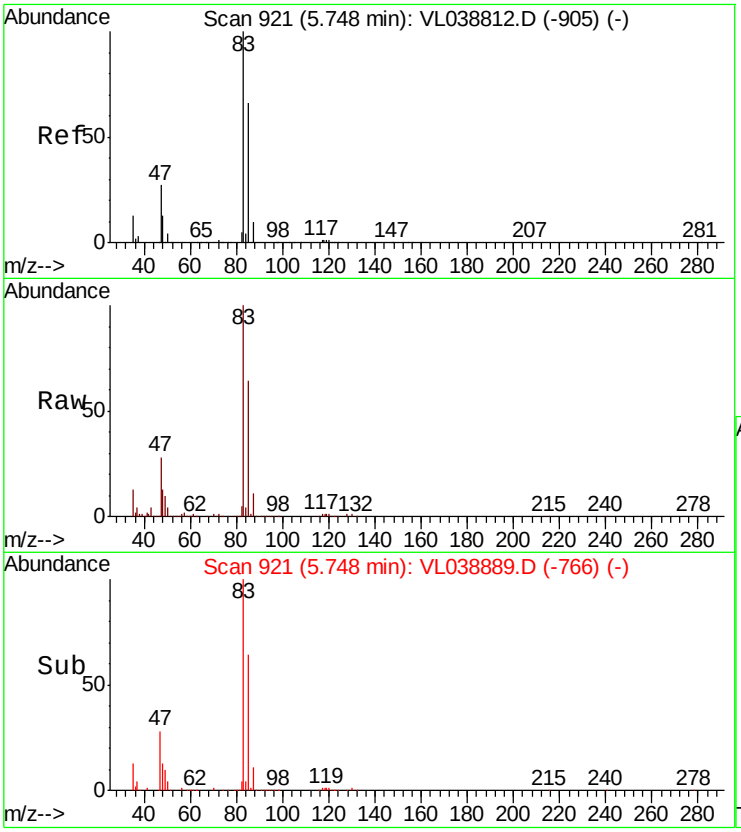


#28
Methyl tert-Butyl Ether
Concen: 9.223 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 73 Resp: 900767

Ion	Ratio	Lower	Upper
73	100		
57	24.6	19.7	29.5



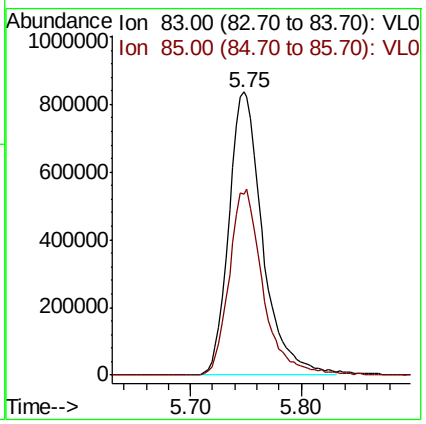


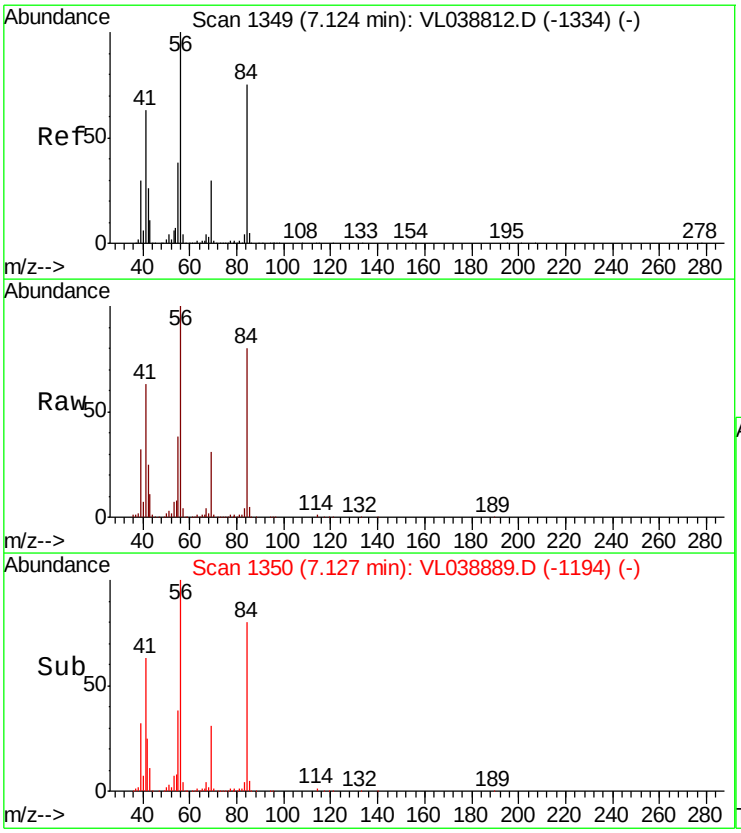
#29
Chloroform
Concen: 10.064 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1780675

Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.5	78.7

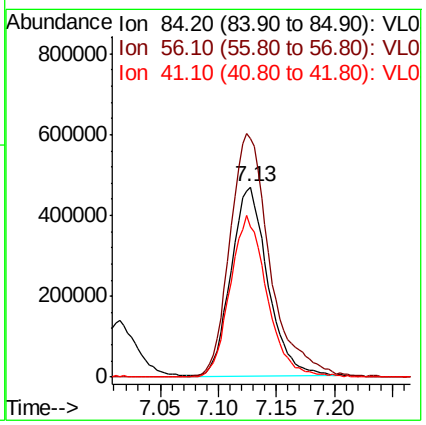


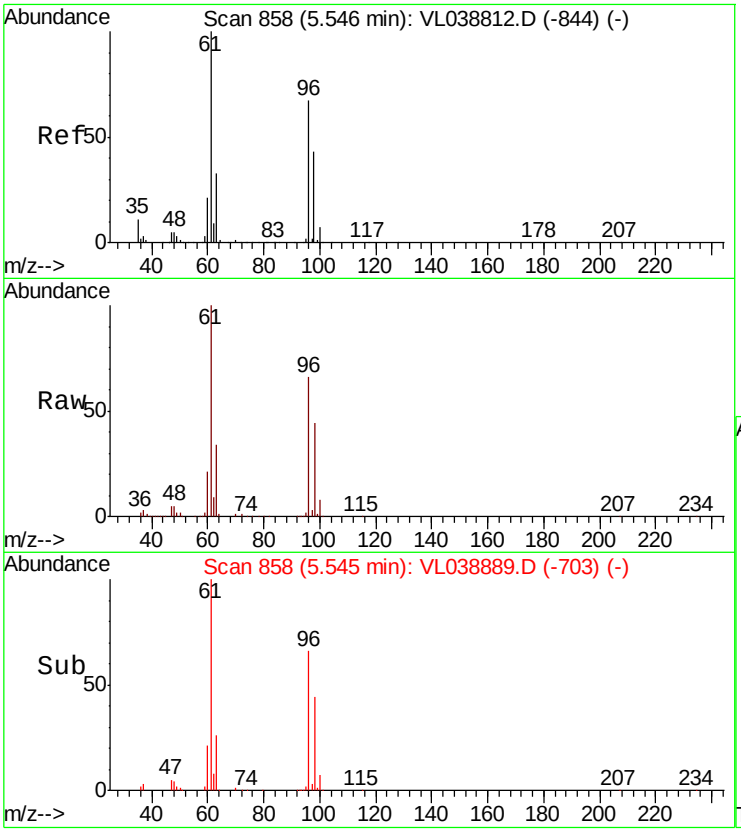


#30
Cyclohexane
Concen: 9.271 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 84 Resp: 1033299

Ion	Ratio	Lower	Upper
84	100		
56	141.4	114.4	171.6
41	86.2	69.0	103.4



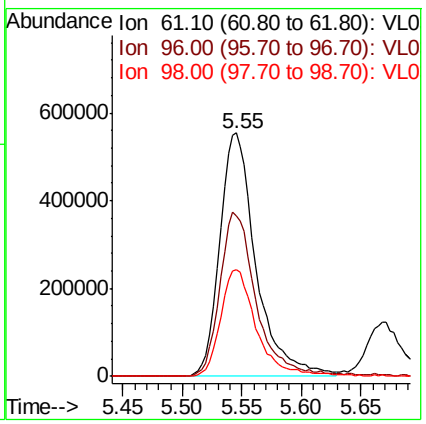


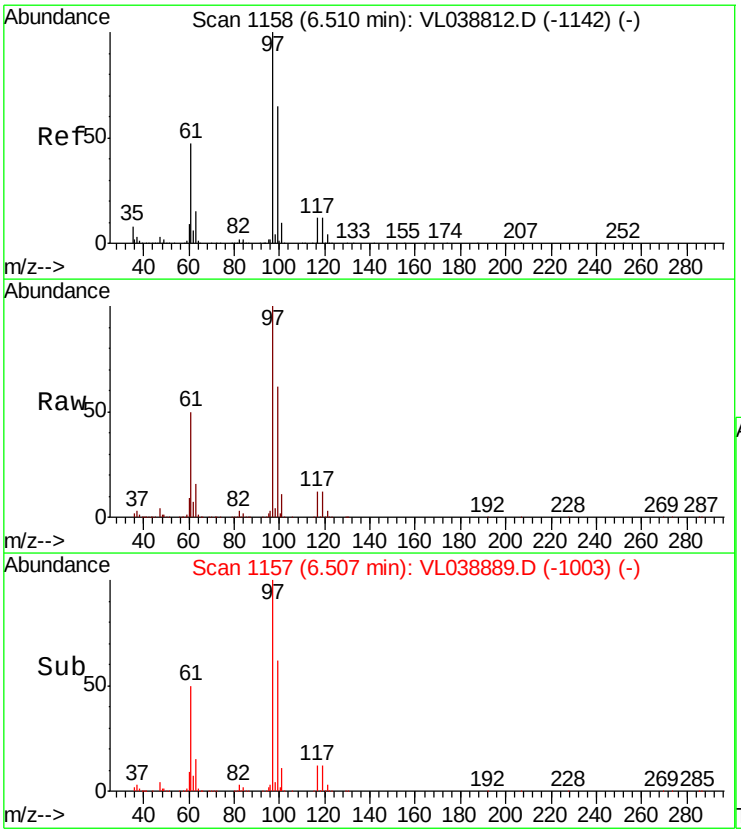
#31
cis-1,2-Dichloroethene
Concen: 9.986 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1161097

Ion	Ratio	Lower	Upper
61	100		
96	66.1	53.4	80.0
98	43.8	34.2	51.4

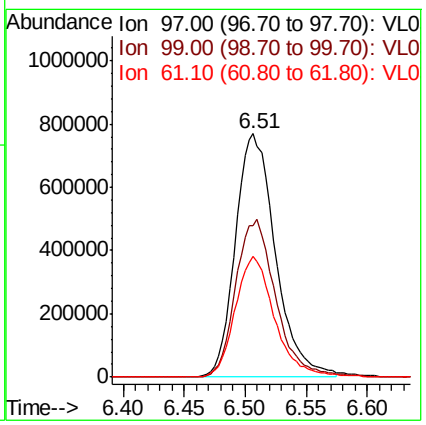


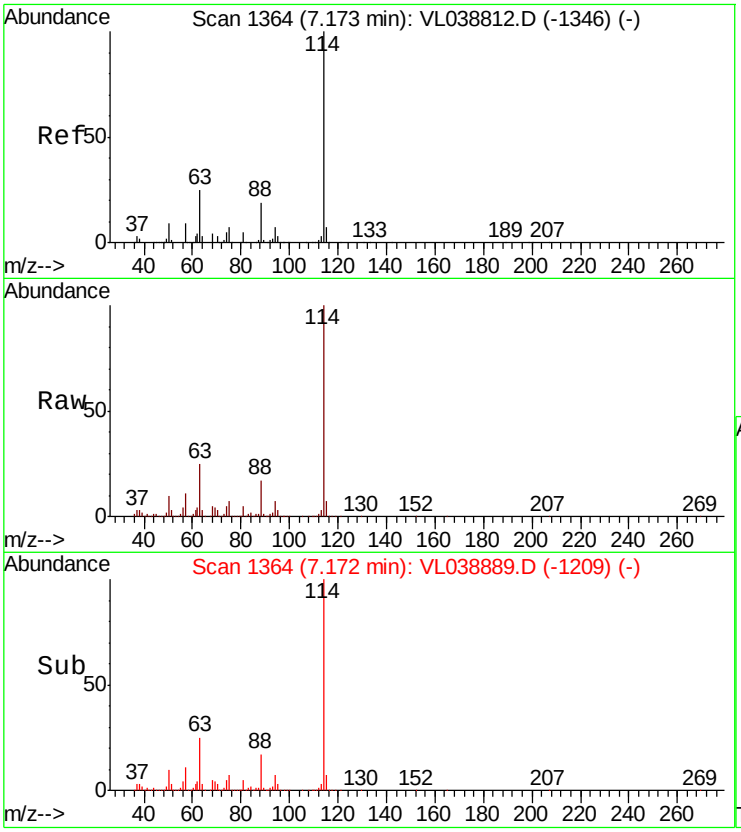


#32
1,1,1-Trichloroethane
Concen: 9.814 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 97 Resp: 1749434

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.4	78.6
61	48.8	38.6	57.8



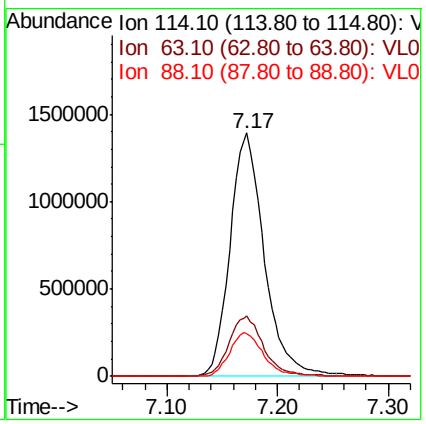


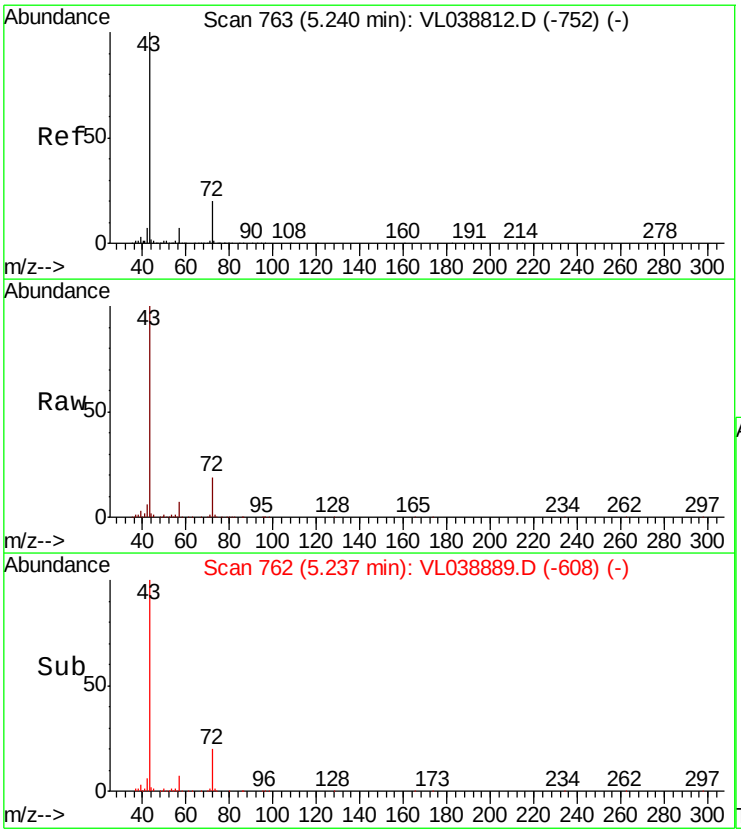
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2991927

Ion	Ratio	Lower	Upper
114	100		
63	25.4	19.8	29.8
88	18.1	14.2	21.4

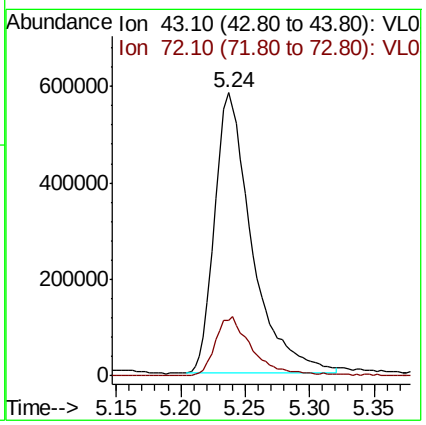


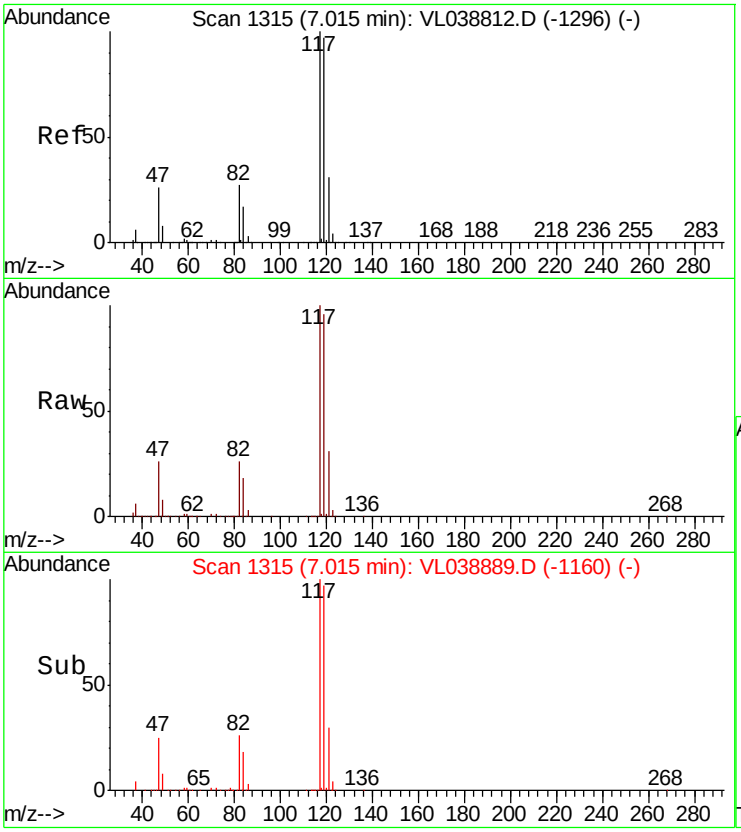


#34
2-Butanone
Concen: 9.946 ppbv
RT: 5.24 min Scan# 762
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 43 Resp: 1175826

Ion	Ratio	Lower	Upper
43	100		
72	21.6	16.9	25.3



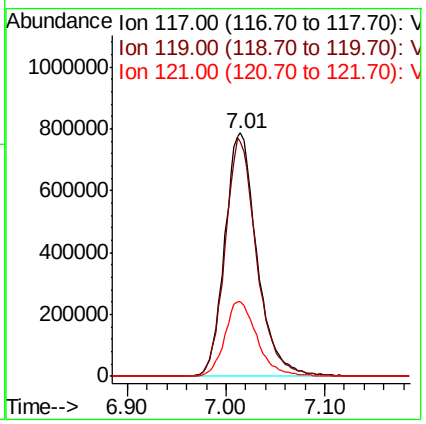


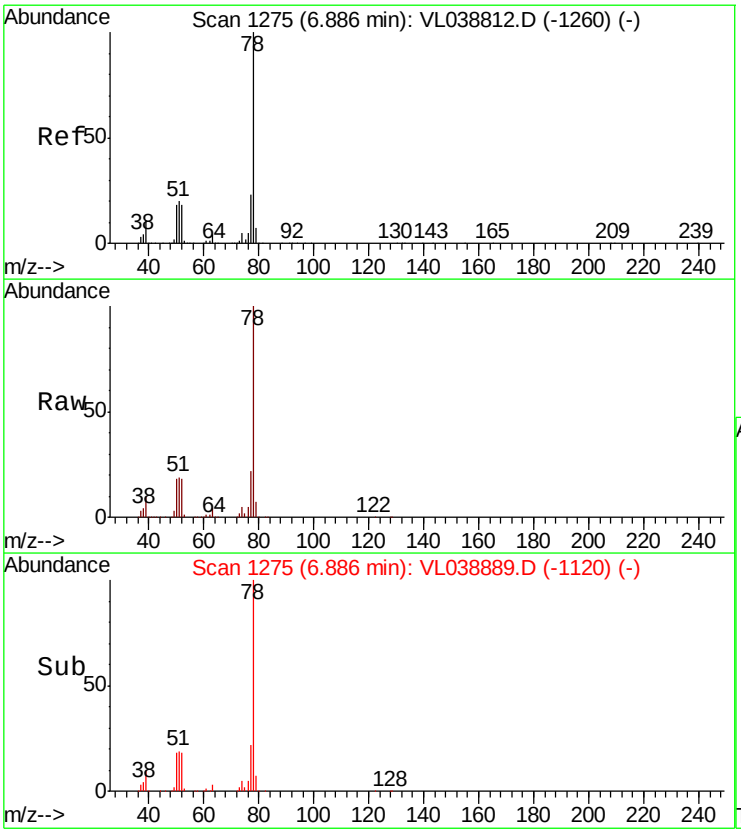
#35
Carbon Tetrachloride
Concen: 10.004 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1794400

Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.7	116.5
121	30.6	24.5	36.7

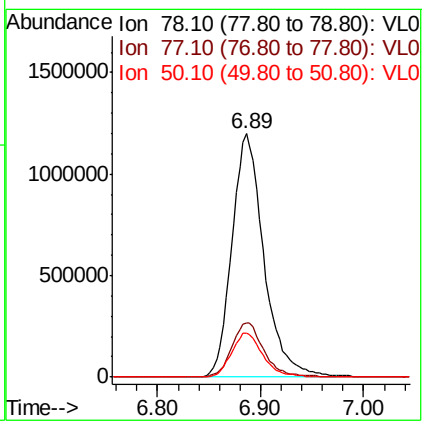


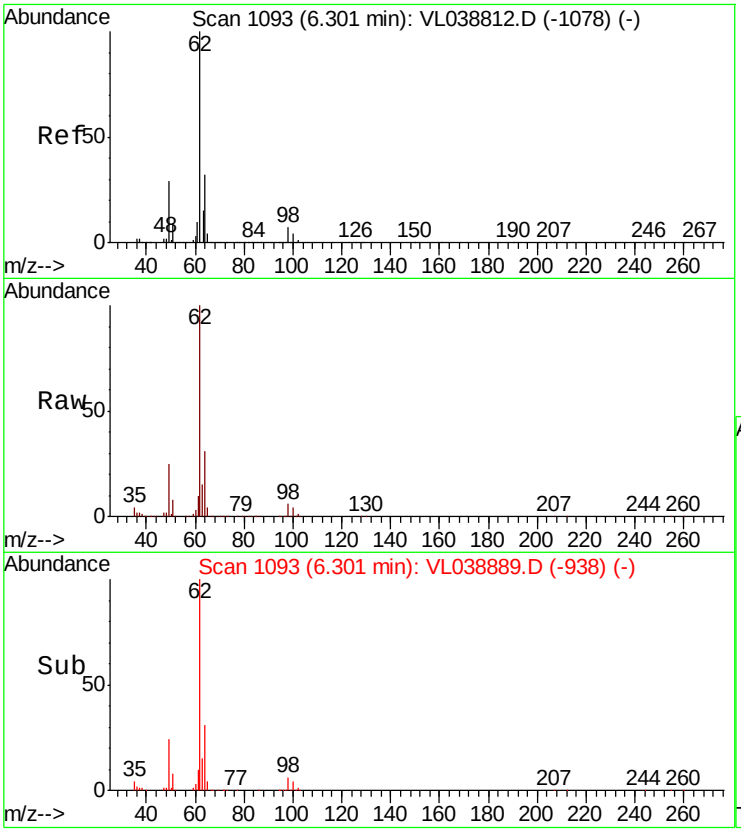


#36
Benzene
Concen: 9.520 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 78 Resp: 2591059

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.2	27.2
50	18.2	14.0	21.0



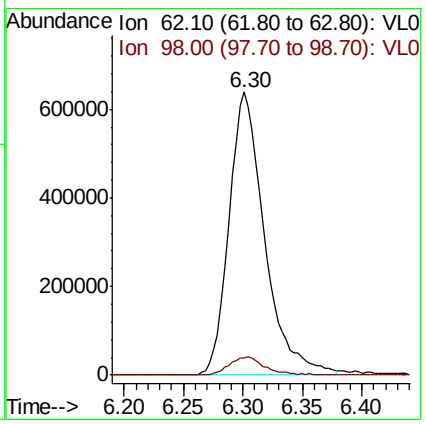


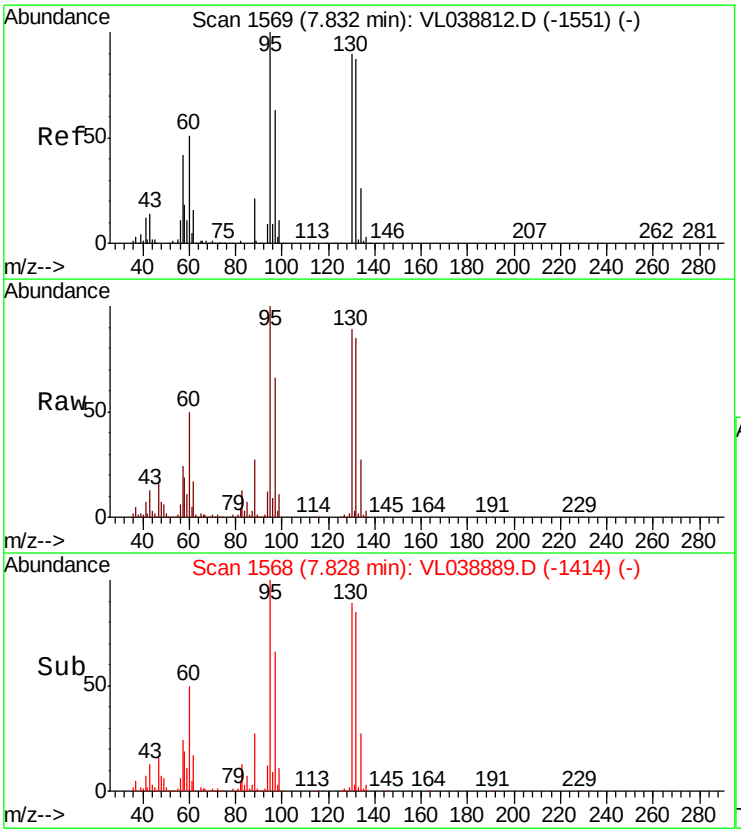
#37
1,2-Dichloroethane
Concen: 10.648 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1325095

Ion	Ratio	Lower	Upper
62	100		
98	6.8	5.9	8.9

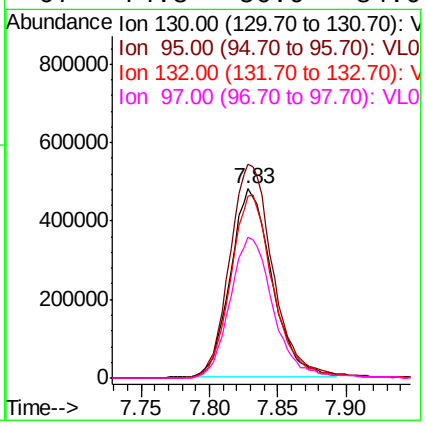


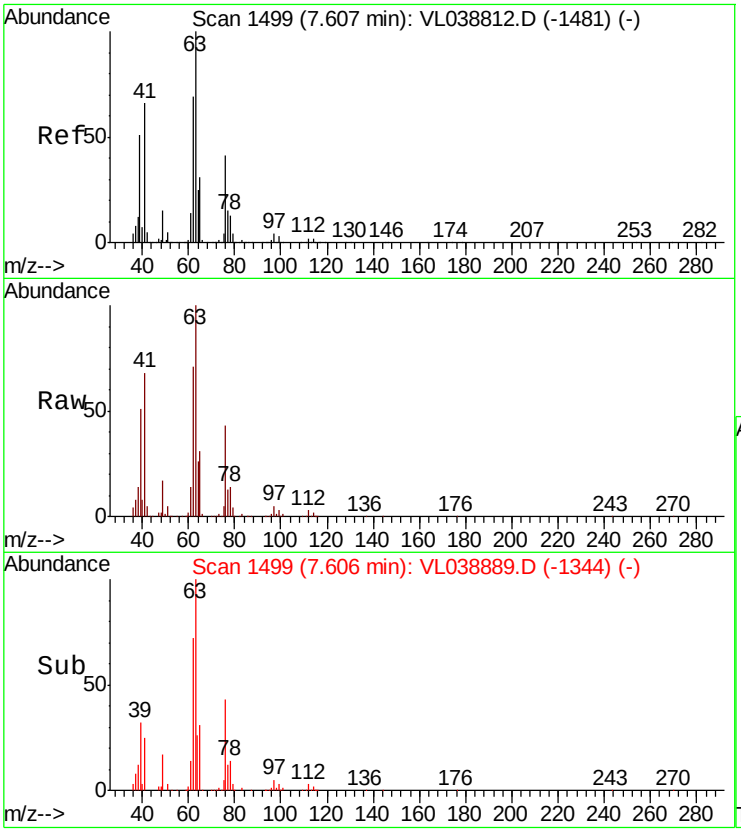


#38
Trichloroethene
Concen: 9.070 ppbv
RT: 7.83 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:130 Resp: 1012985

Ion	Ratio	Lower	Upper
130	100		
95	113.2	89.4	134.0
132	96.6	77.7	116.5
97	74.8	56.0	84.0



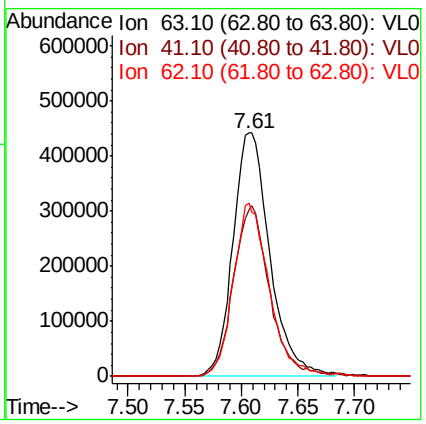


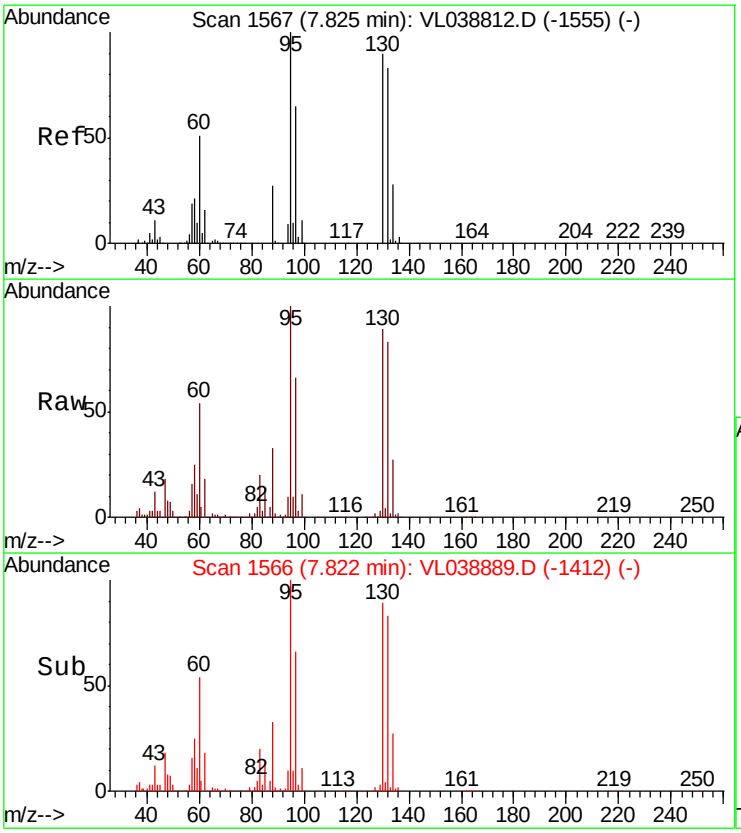
#39
1,2-Dichloropropane
Concen: 9.610 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 1000502

Ion	Ratio	Lower	Upper
63	100		
41	68.3	53.0	79.6
62	71.2	55.0	82.4

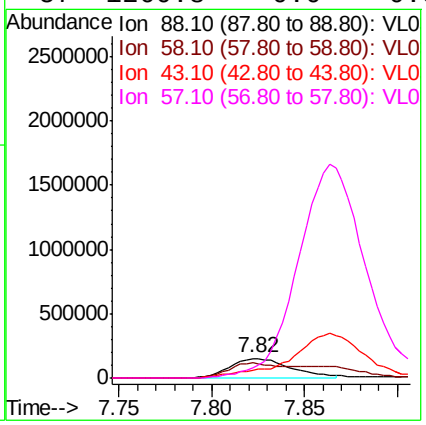


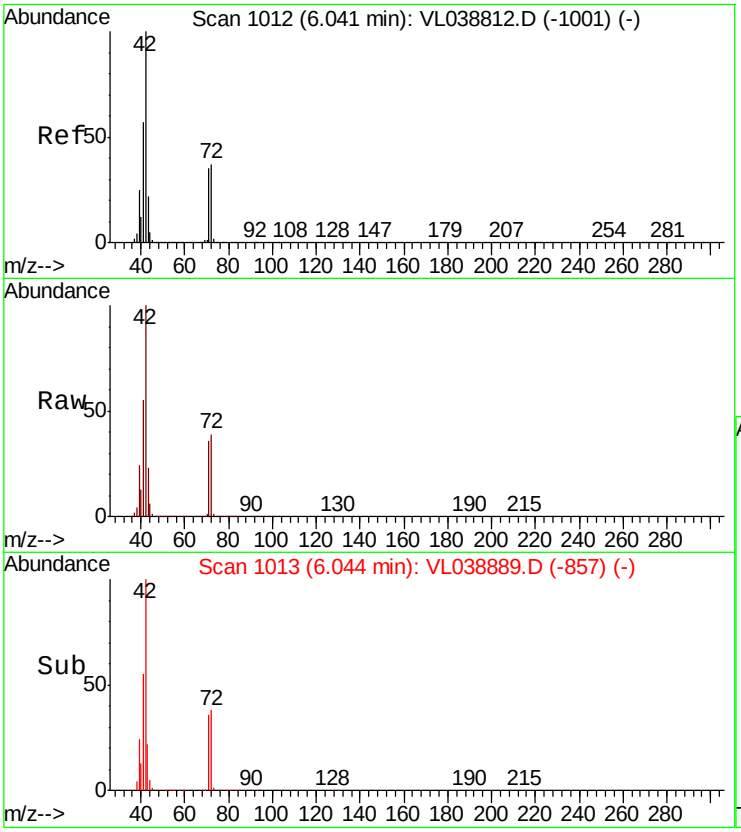


#40
1,4-Dioxane
Concen: 9.597 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 88 Resp: 339270

Ion	Ratio	Lower	Upper
88	100		
58	138.5	49.4	74.0#
43	285.7	0.0	0.0#
57	1260.8	0.0	0.0#



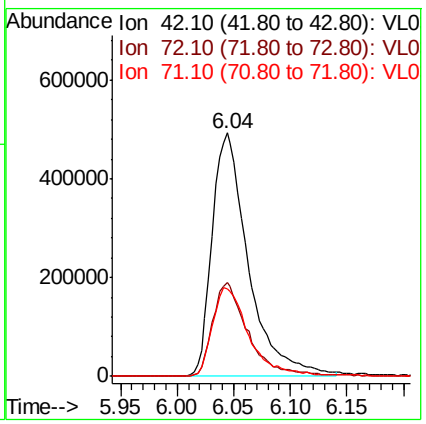


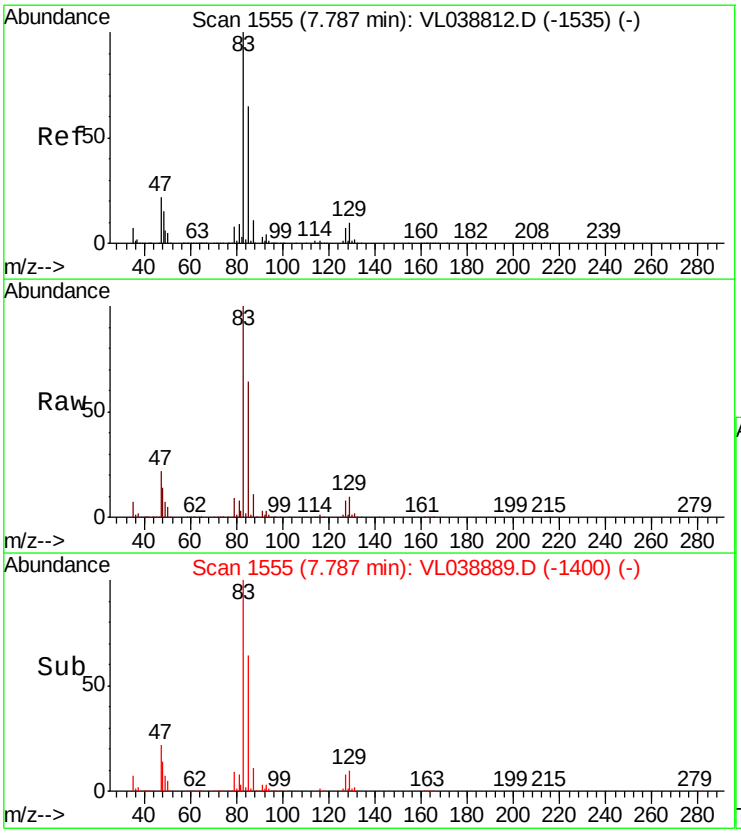
#41
Tetrahydrofuran
Concen: 9.750 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 1094706

Ion	Ratio	Lower	Upper
42	100		
72	38.4	31.4	47.0
71	37.4	30.2	45.4

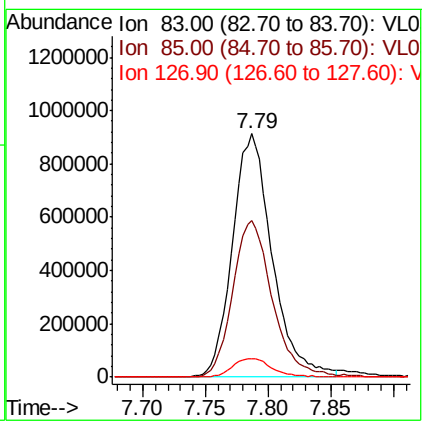


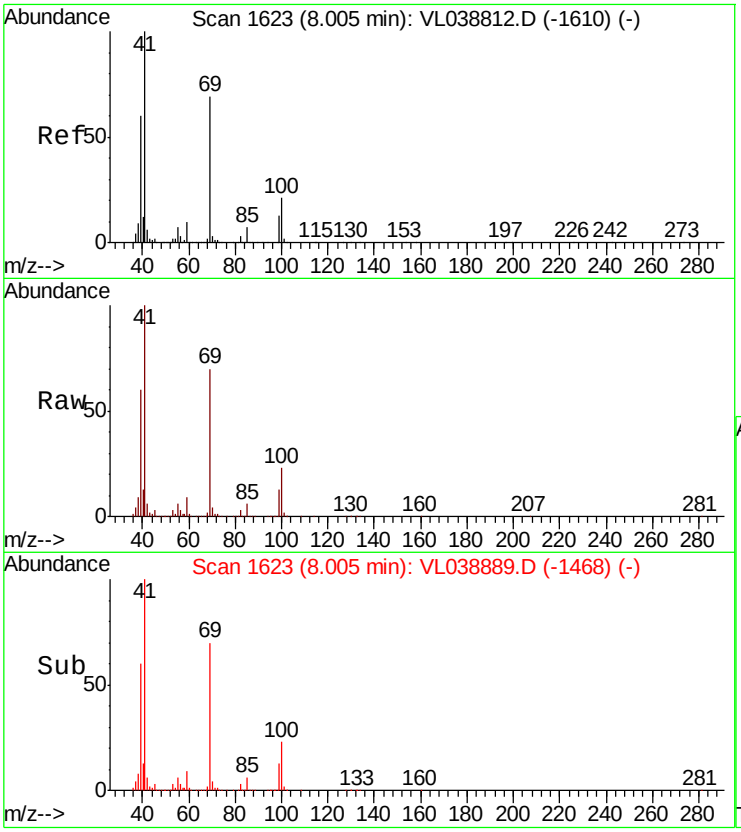


#42
Bromodichloromethane
Concen: 10.226 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 83 Resp: 2009460

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.7	77.5
127	7.6	5.9	8.9



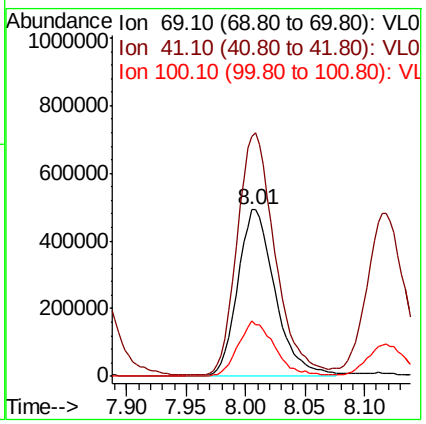


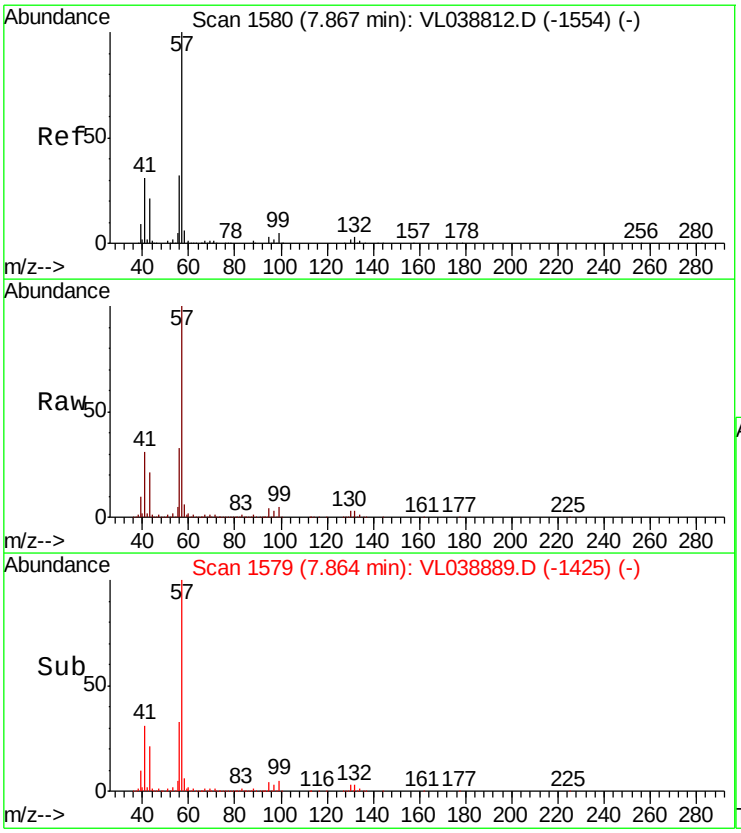
#43
Methyl Methacrylate
Concen: 10.319 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 1075763

Ion	Ratio	Lower	Upper
69	100		
41	147.9	119.0	178.4
100	32.6	26.4	39.6

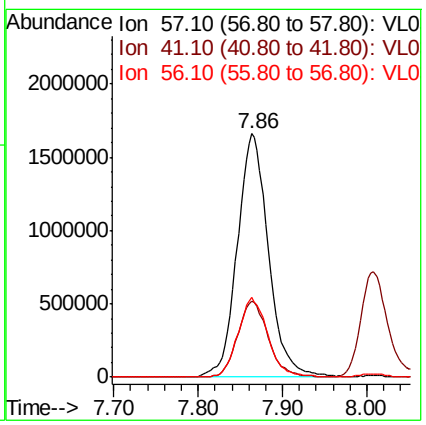


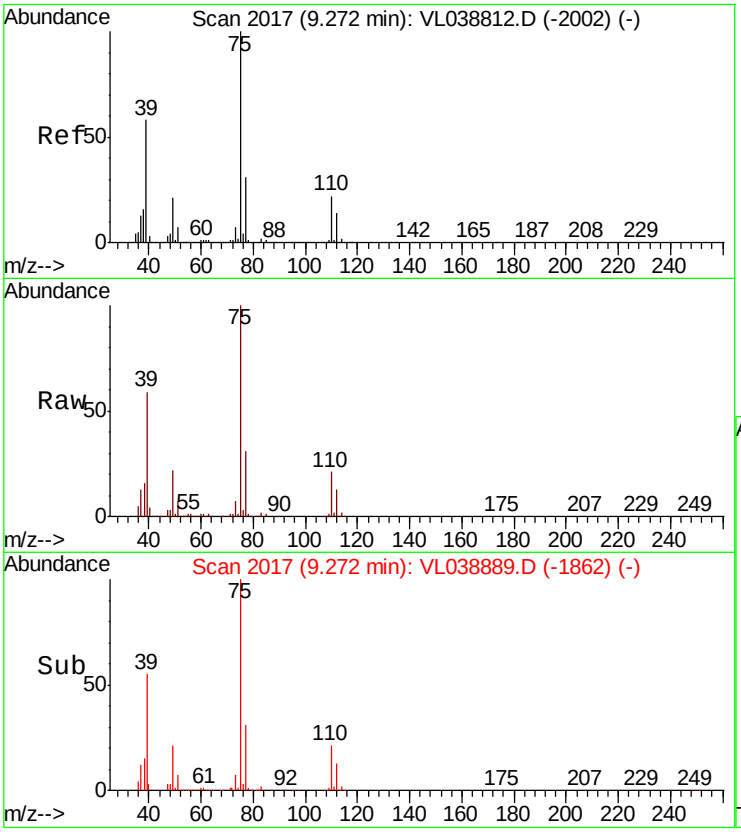


#44
2,2,4-Trimethylpentane
Concen: 9.269 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 57 Resp: 4271258

Ion	Ratio	Lower	Upper
57	100		
41	30.7	25.0	37.4
56	31.2	25.3	37.9



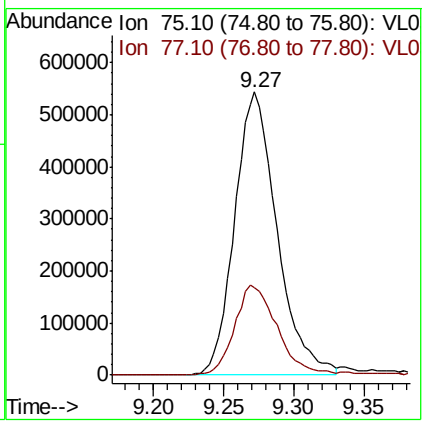


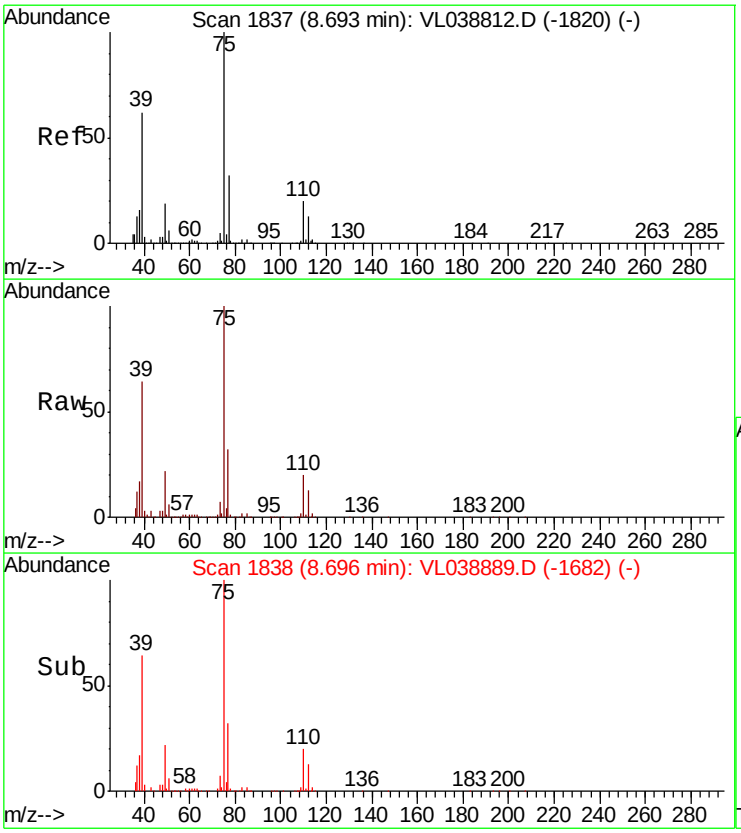
#45
t-1,3-Dichloropropene
Concen: 10.465 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1140692

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.4

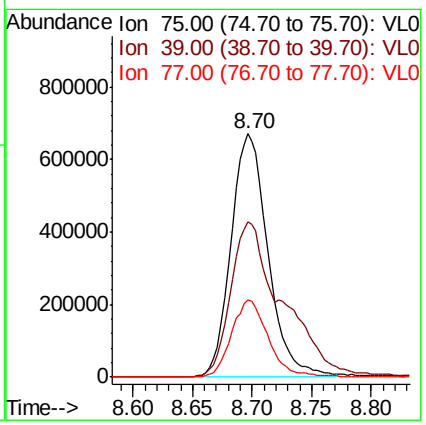


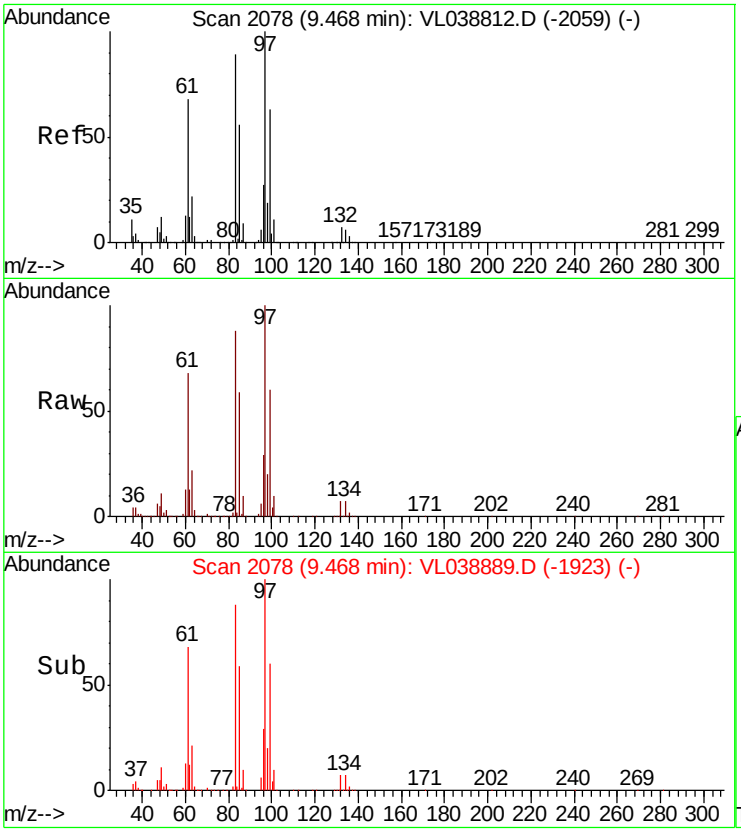


#46
cis-1,3-Dichloropropene
Concen: 10.066 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 75 Resp: 1446584

Ion	Ratio	Lower	Upper
75	100		
39	63.8	49.7	74.5
77	31.6	25.6	38.4



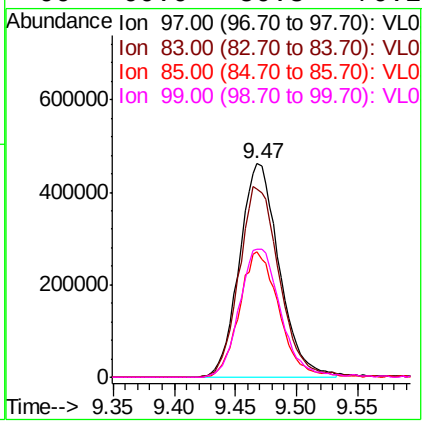


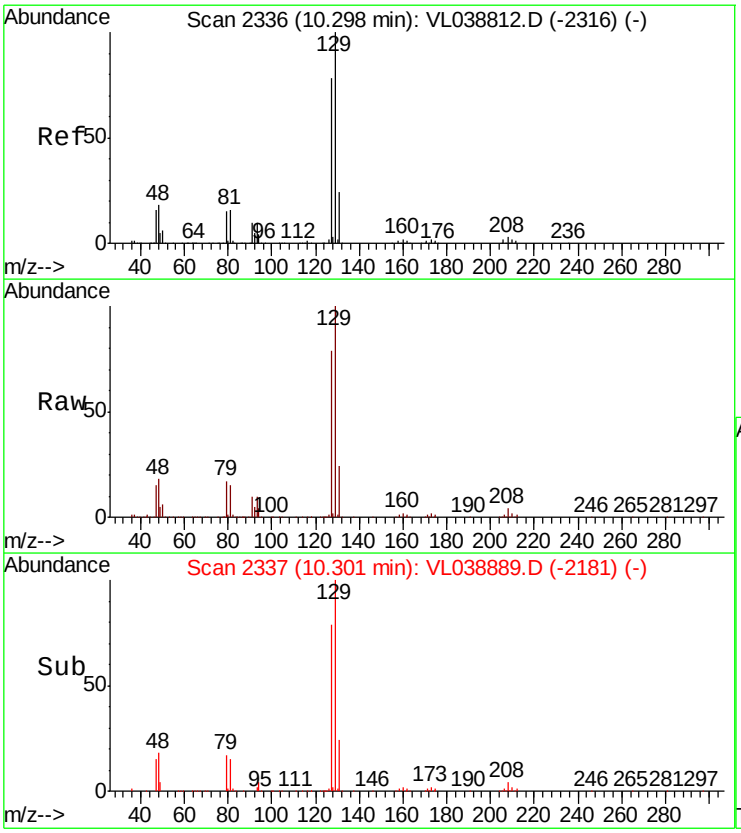
#47
1,1,2-Trichloroethane
Concen: 9.747 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 1039711

Ion	Ratio	Lower	Upper
97	100		
83	88.0	71.1	106.7
85	58.7	45.1	67.7
99	60.0	50.8	76.2

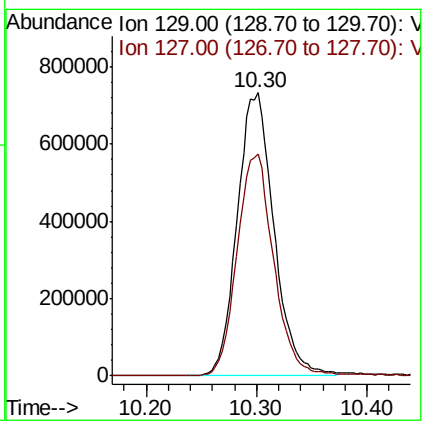


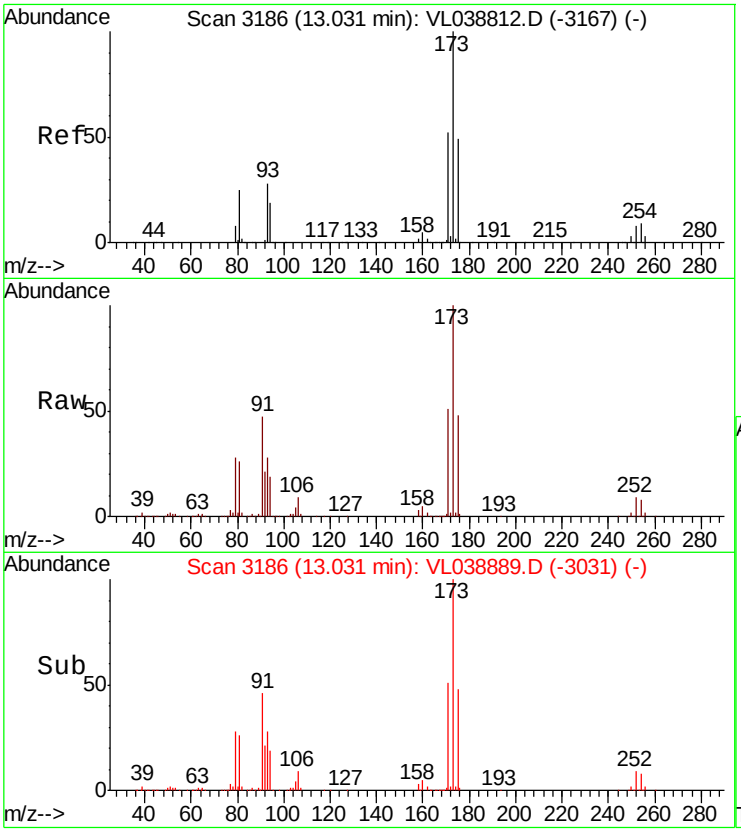


#48
Dibromochloromethane
Concen: 10.125 ppbv
RT: 10.30 min Scan# 2337
Delta R.T. 0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:129 Resp: 1692872

Ion	Ratio	Lower	Upper
129	100		
127	79.0	38.9	116.6



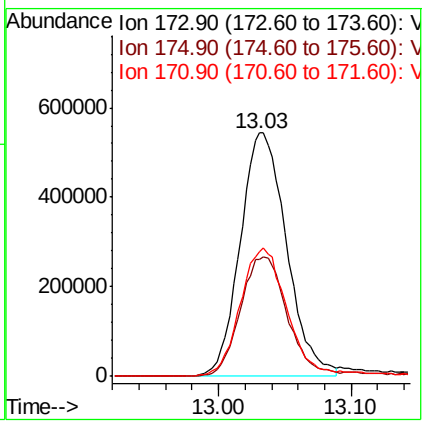


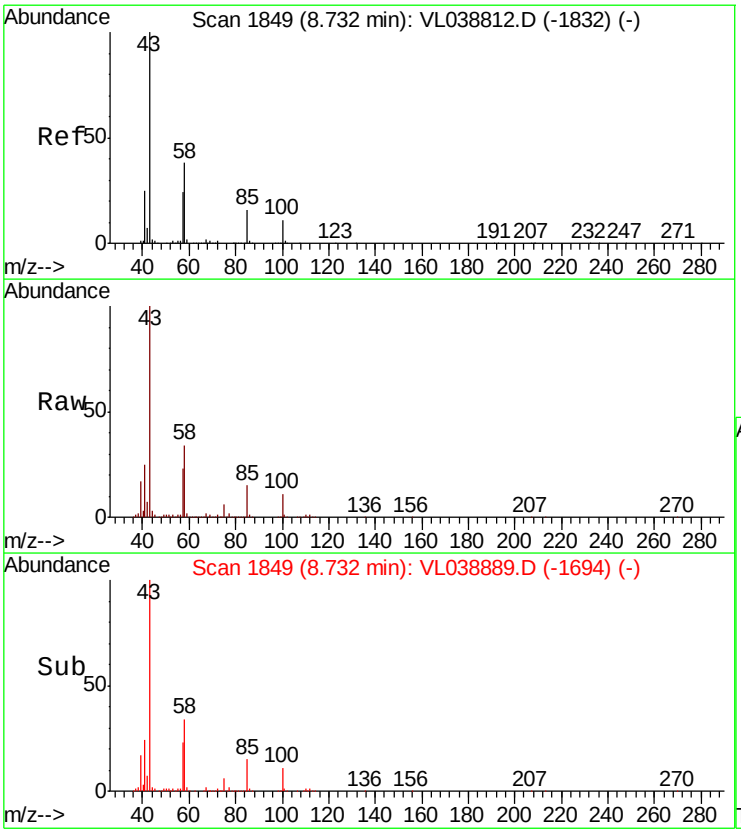
#49
Bromoform
Concen: 9.997 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1323787

Ion	Ratio	Lower	Upper
173	100		
175	52.4	39.9	59.9
171	55.6	43.4	65.0

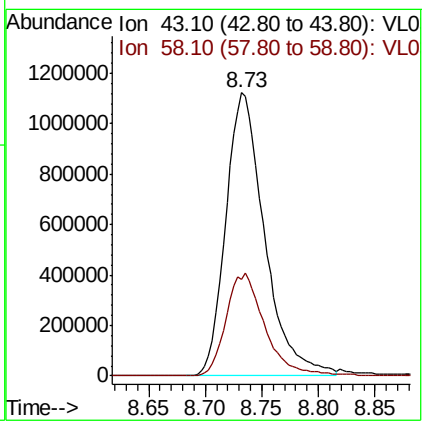


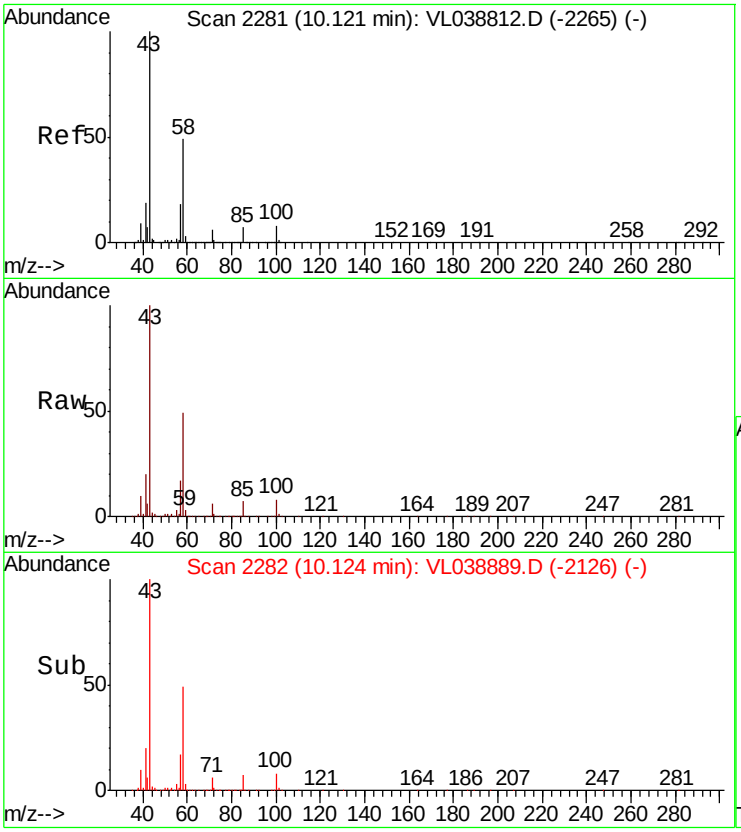


#50
4-Methyl-2-Pentanone
Concen: 10.061 ppbv
RT: 8.73 min Scan# 1849
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 43 Resp: 2675477

Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.0	43.6



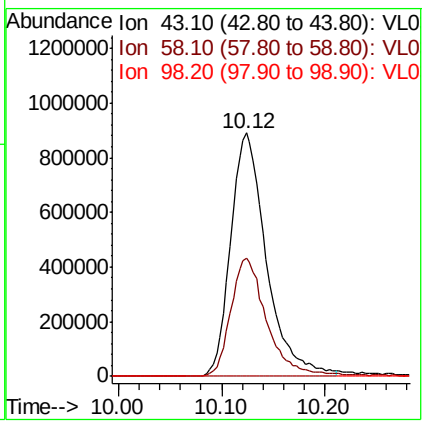


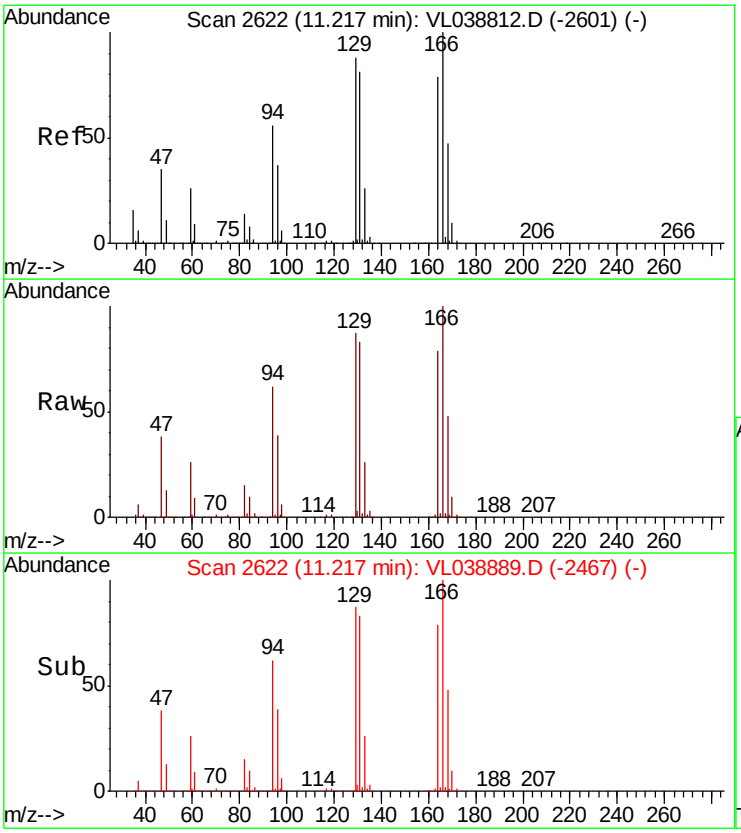
#51
2-Hexanone
Concen: 10.721 ppbv
RT: 10.12
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2148100

Ion	Ratio	Lower	Upper
43	100		
58	49.9	41.4	62.0
98	0.1	0.1	0.1#

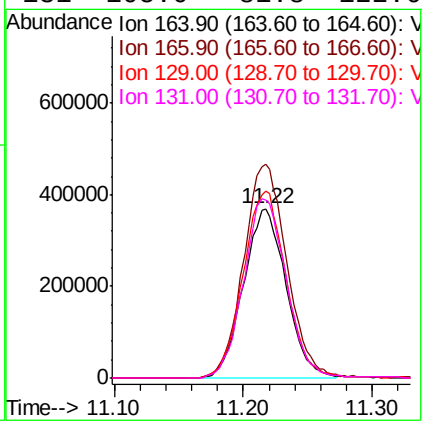


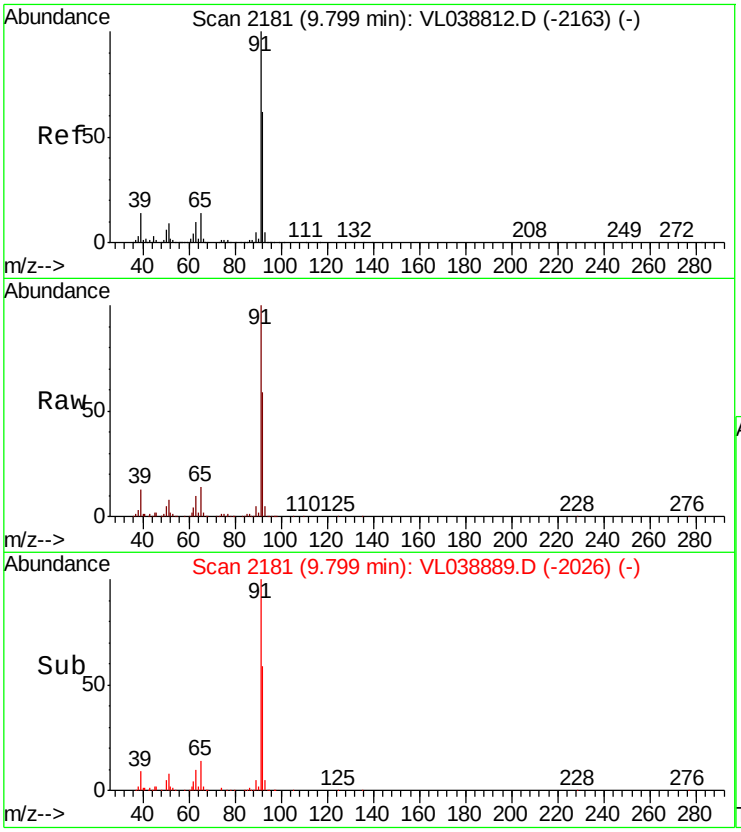


#52
Tetrachloroethene
Concen: 8.932 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:164 Resp: 849198

Ion	Ratio	Lower	Upper
164	100		
166	126.0	101.0	151.6
129	110.0	88.7	133.1
131	105.0	81.8	122.6



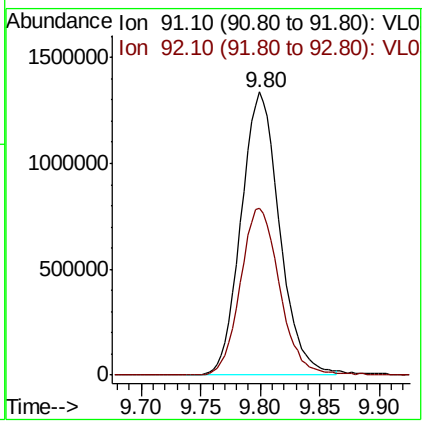


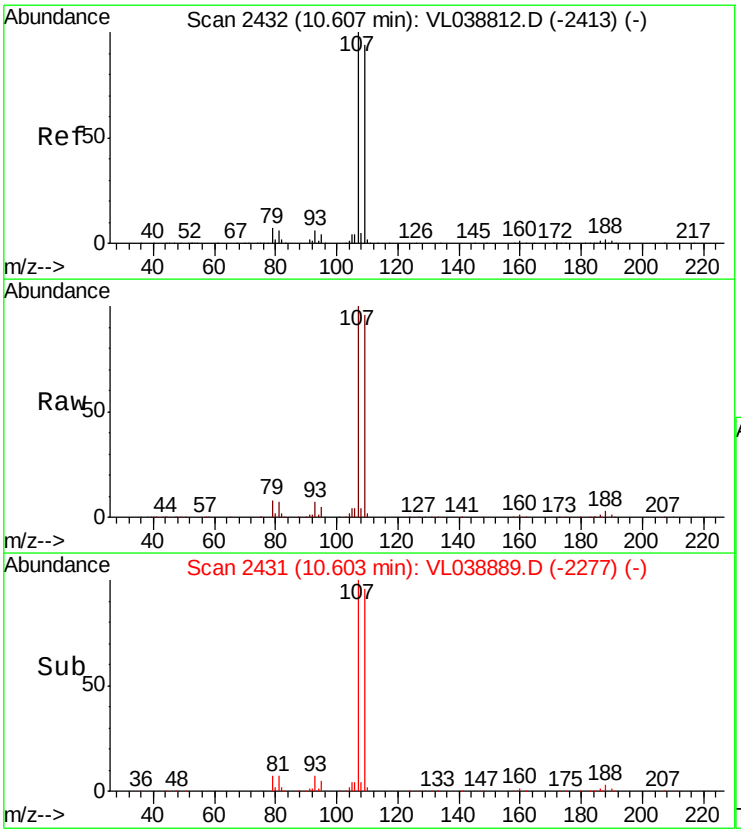
#53
Toluene
Concen: 9.514 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2989346

Ion	Ratio	Lower	Upper
91	100		
92	60.5	49.2	73.8

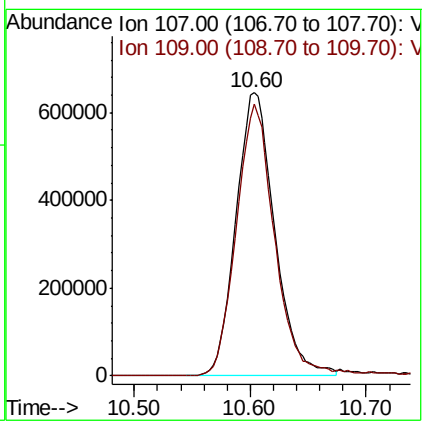


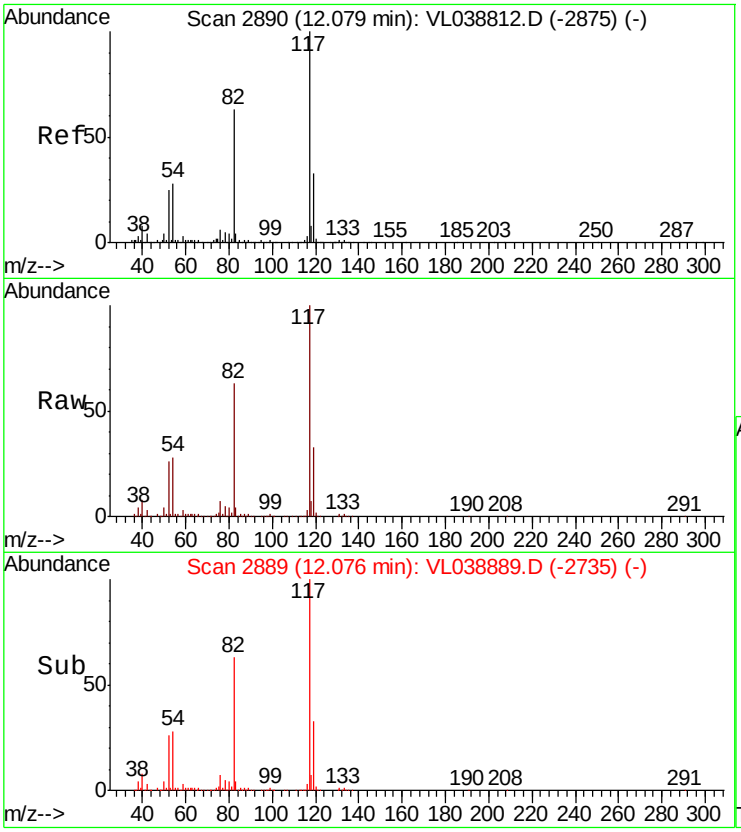


#54
1,2-Dibromoethane
Concen: 10.127 ppbv
RT: 10.60 min Scan# 2431
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:107 Resp: 1500617

Ion	Ratio	Lower	Upper
107	100		
109	96.1	75.5	113.3



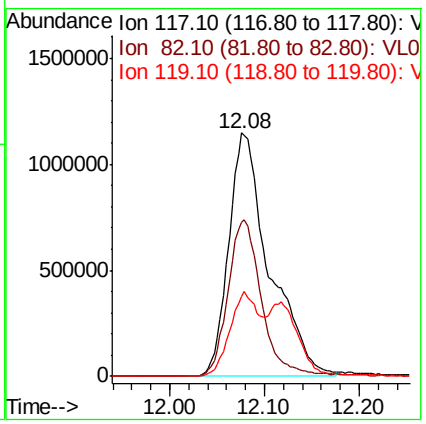


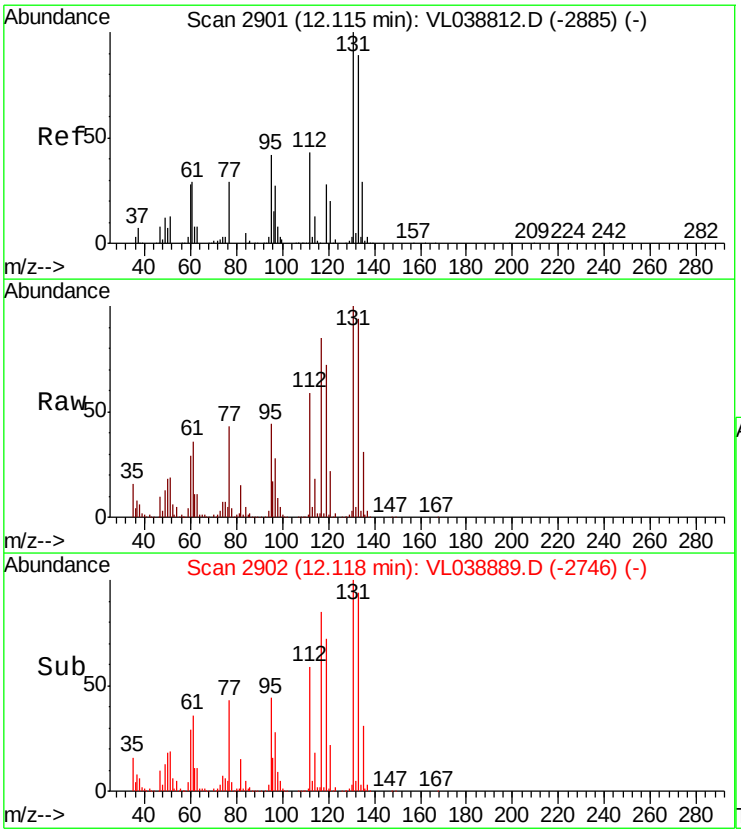
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 3448178

Ion	Ratio	Lower	Upper
117	100		
82	53.0	53.0	79.6#
119	24.3	24.9	37.3#

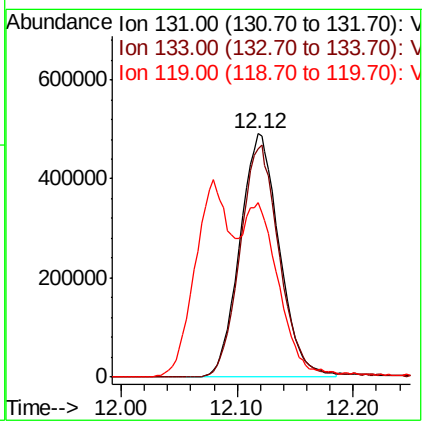


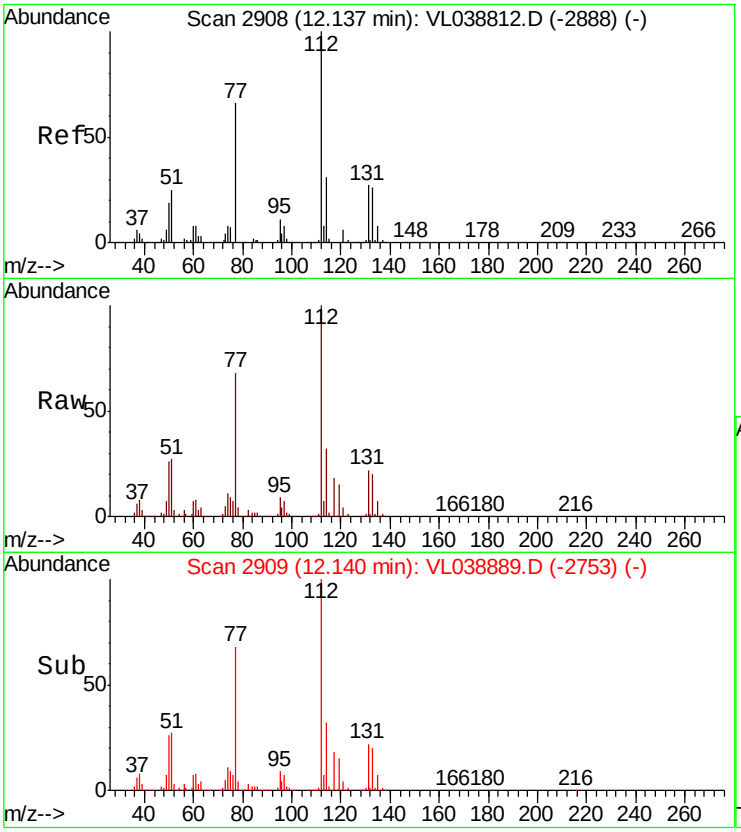


#56
1,1,1,2-Tetrachloroethane
Concen: 7.688 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:131 Resp: 1161738

Ion	Ratio	Lower	Upper
131	100		
133	96.9	78.2	117.4
119	58.3	58.6	87.8#



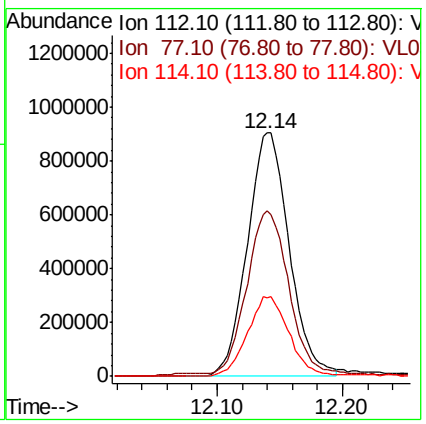


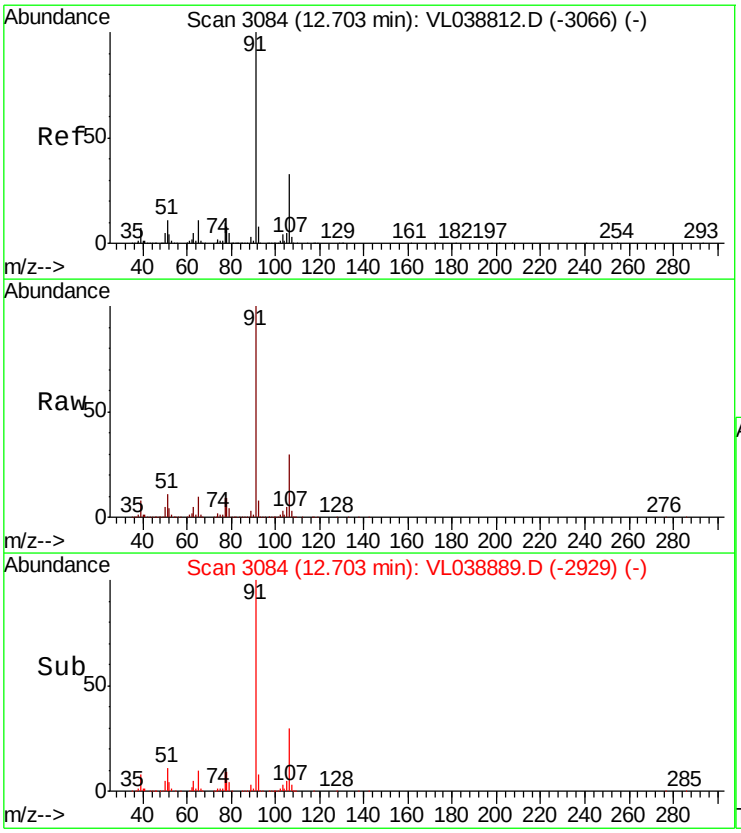
#57
Chlorobenzene
Concen: 7.442 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 2101683

Ion	Ratio	Lower	Upper
112	100		
77	66.7	52.4	78.6
114	32.2	28.1	34.3

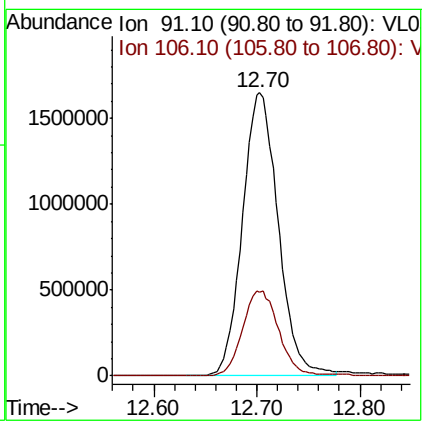


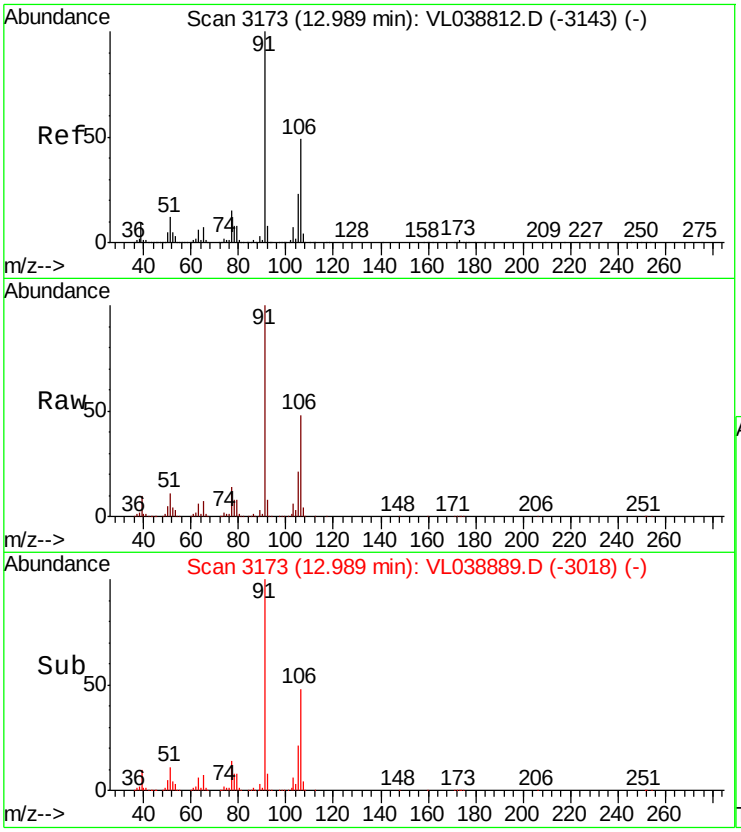


#58
Ethyl Benzene
Concen: 7.726 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 91 Resp: 3980769

Ion	Ratio	Lower	Upper
91	100		
106	29.8	26.7	40.1



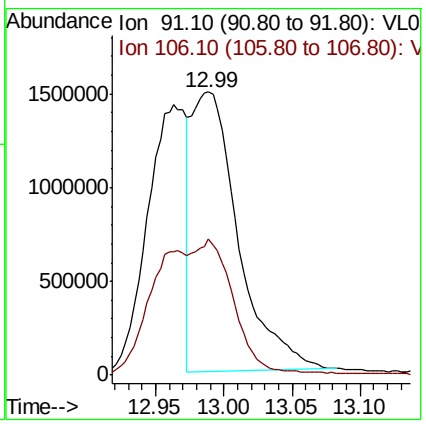


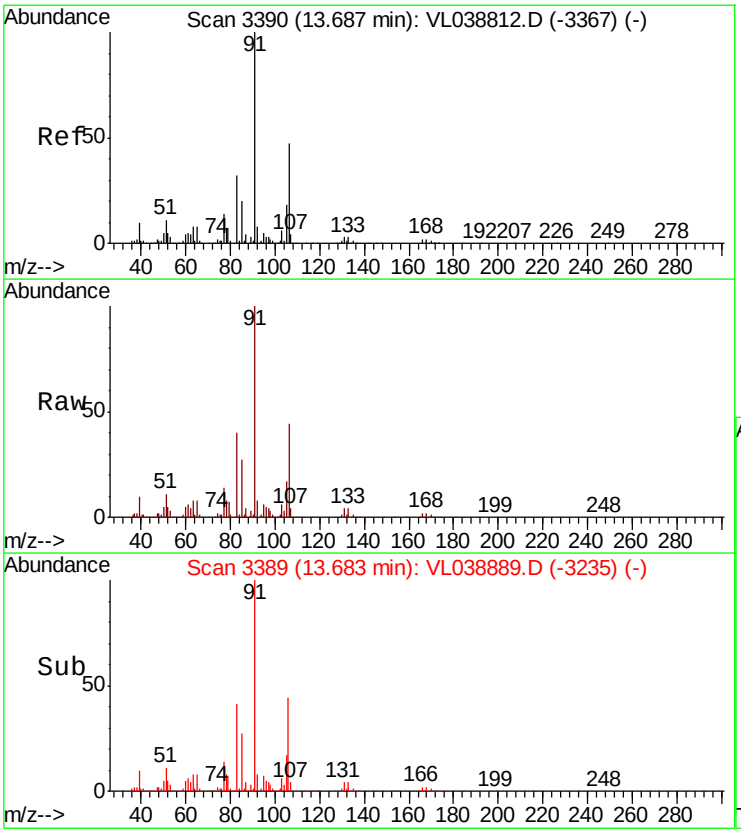
#59
m/p-Xylene
Concen: 8.140 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3523522

Ion	Ratio	Lower	Upper
91	100		
106	82.5	37.1	55.7#

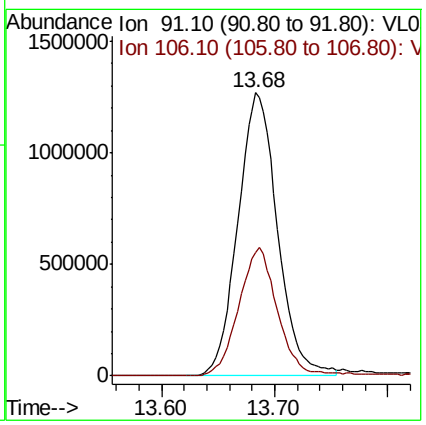


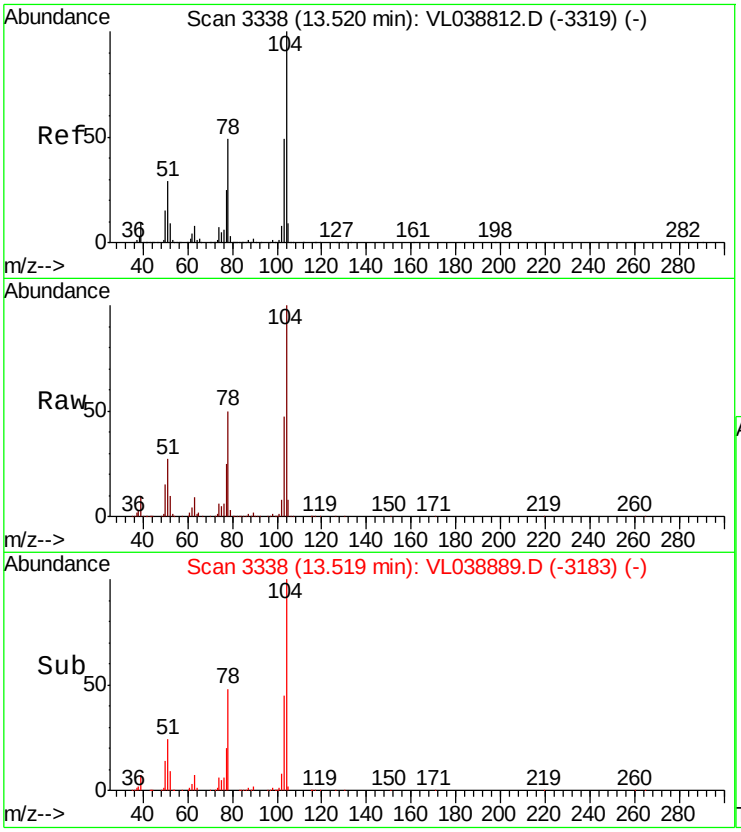


#60
o-Xylene
Concen: 7.611 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 91 Resp: 3082898

Ion	Ratio	Lower	Upper
91	100		
106	45.4	23.8	71.4



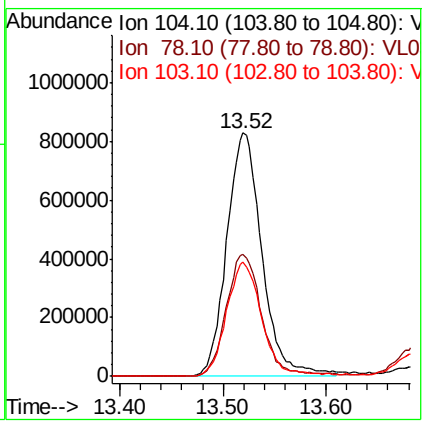


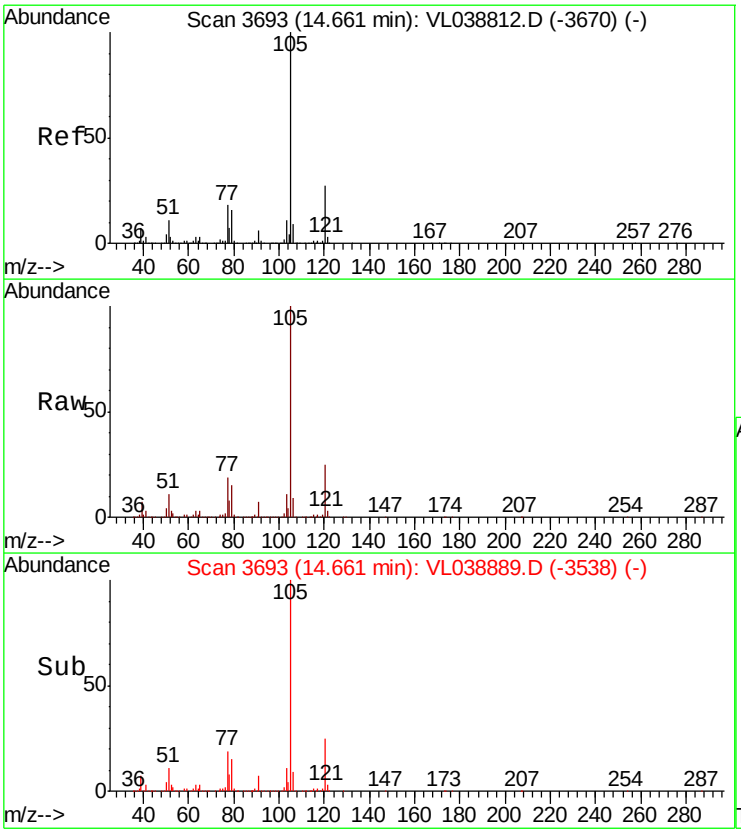
#61
Stvrene
Concen: 7.982 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1969759

Ion	Ratio	Lower	Upper
104	100		
78	51.0	40.5	60.7
103	47.2	39.0	58.4

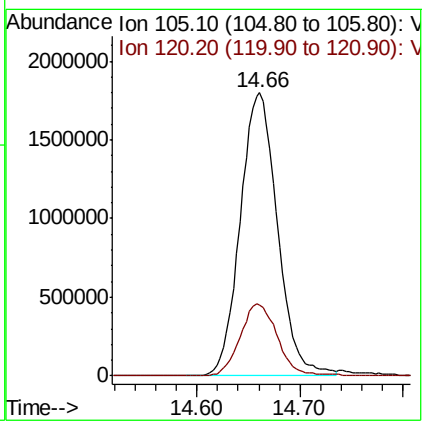


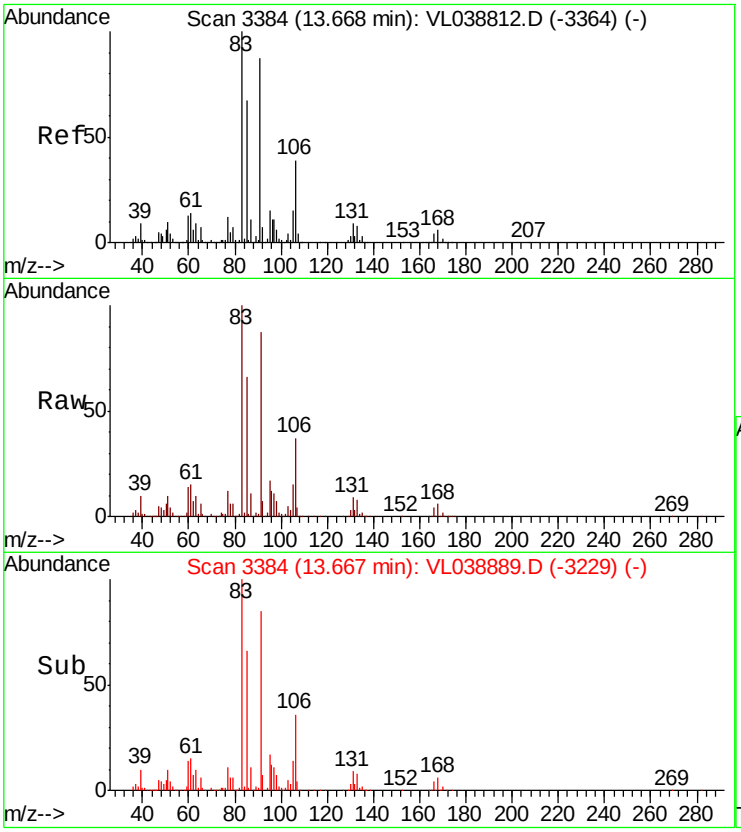


#62
Isopropylbenzene
Concen: 7.431 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:105 Resp: 4517743

Ion	Ratio	Lower	Upper
105	100		
120	25.7	21.8	32.8



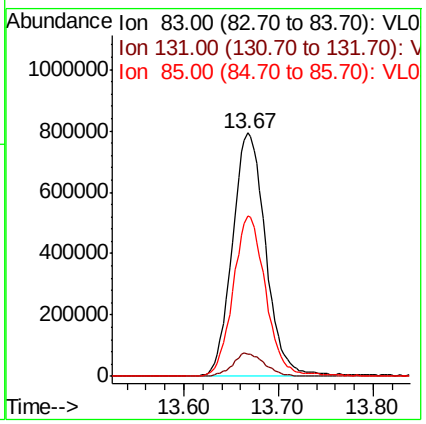


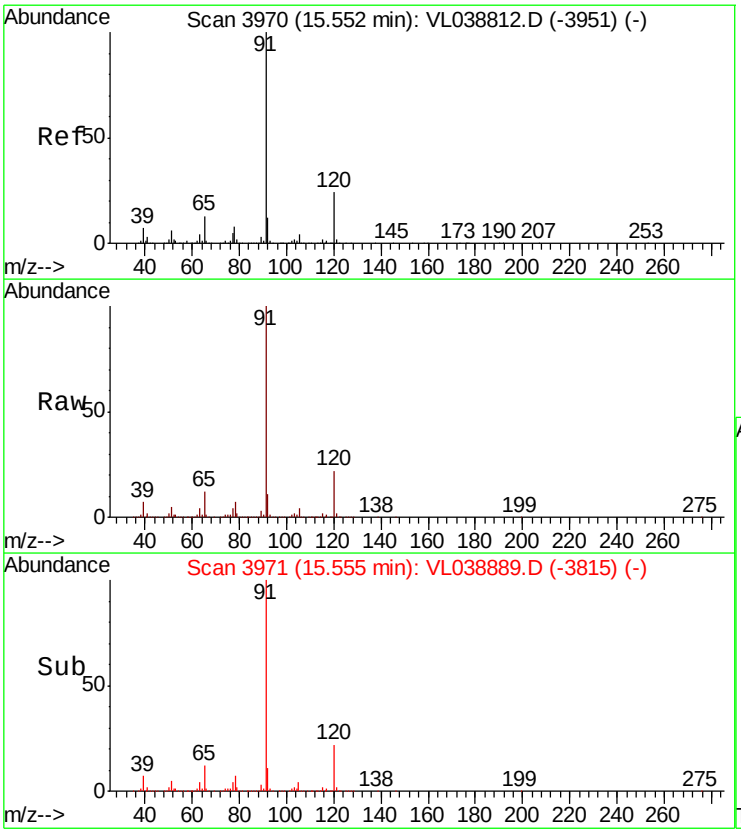
#63
1,1,2,2-Tetrachloroethane
Concen: 7.567 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1941244

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.6	13.8
85	64.9	33.0	99.0

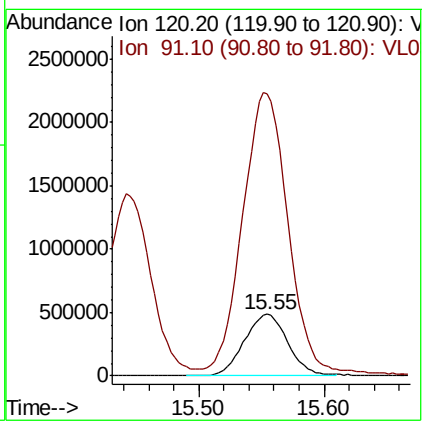


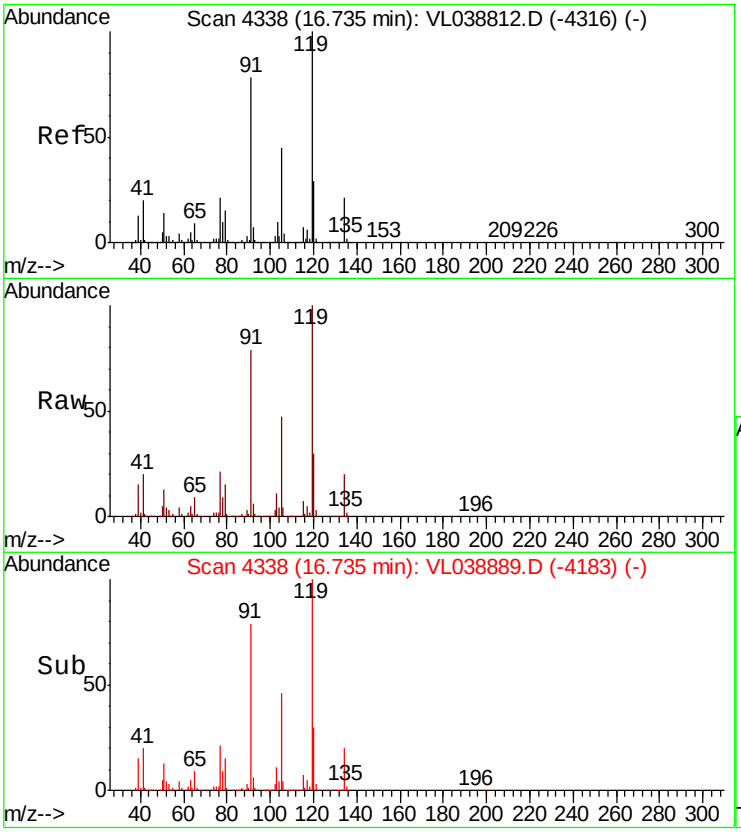


#64
n-propylbenzene
Concen: 7.463 ppbv
RT: 15.55 min Scan# 3971
Delta R.T. 0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:120 Resp: 1178219

Ion	Ratio	Lower	Upper
120	100		
91	485.3	360.6	540.8



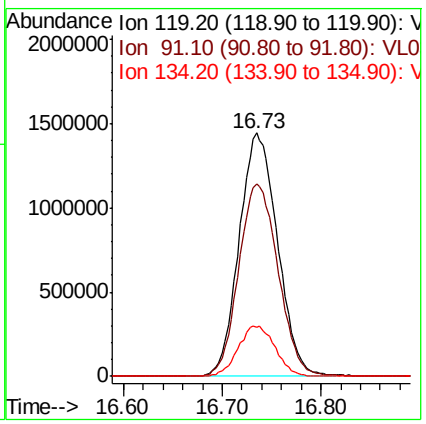


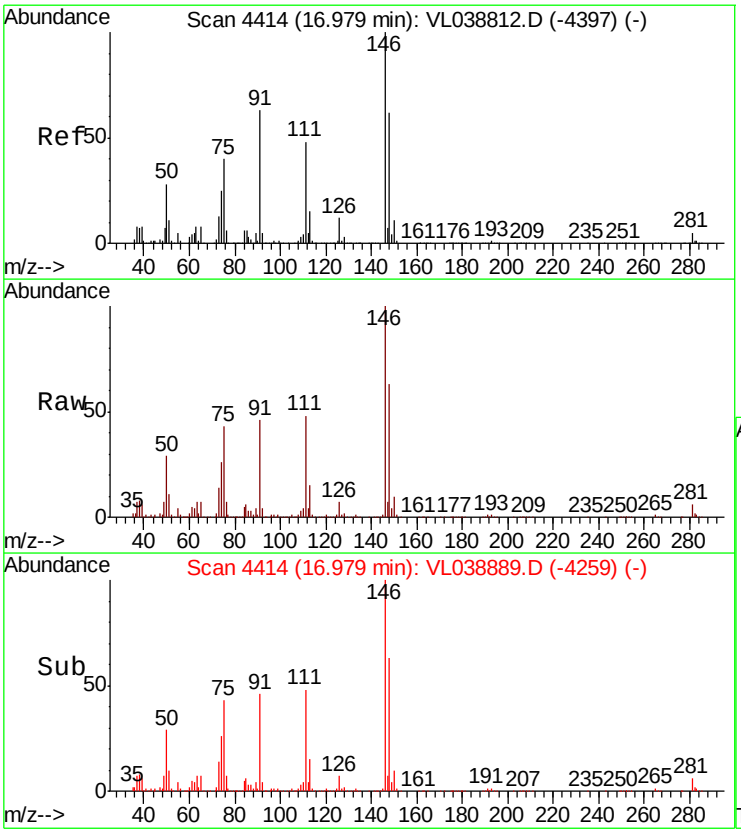
#65
tert-Butylbenzene
Concen: 7.189 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3877885

Ion	Ratio	Lower	Upper
119	100		
91	81.2	62.8	94.2
134	20.0	16.2	24.4

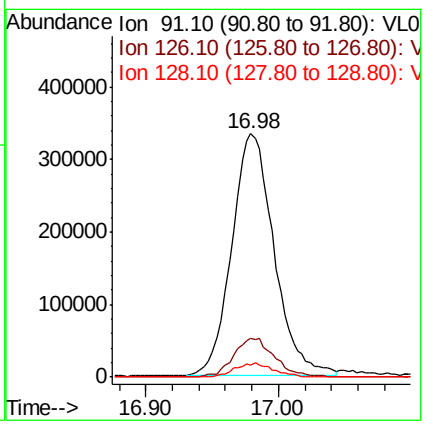


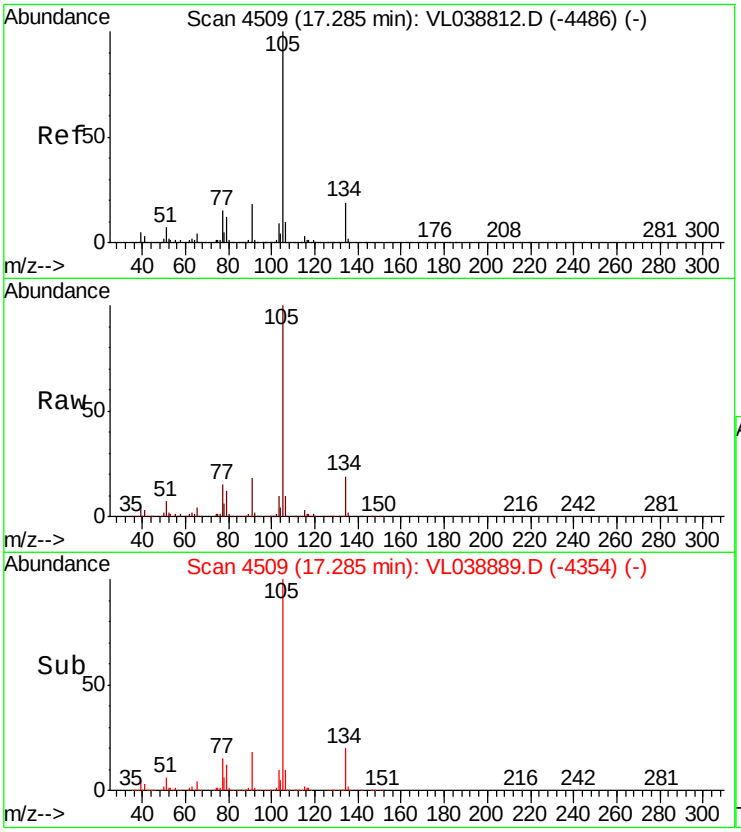


#66
Benzyl Chloride
Concen: 6.743 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 91 Resp: 740486

Ion	Ratio	Lower	Upper
91	100		
126	15.9	15.4	23.0
128	5.7	4.7	7.1



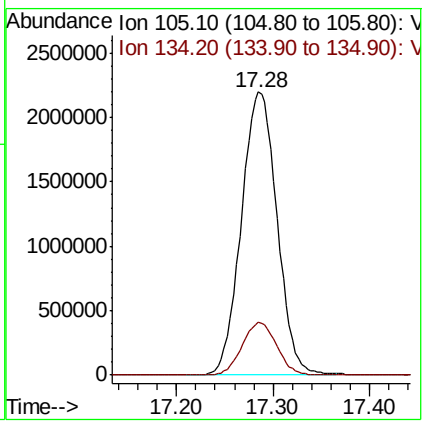


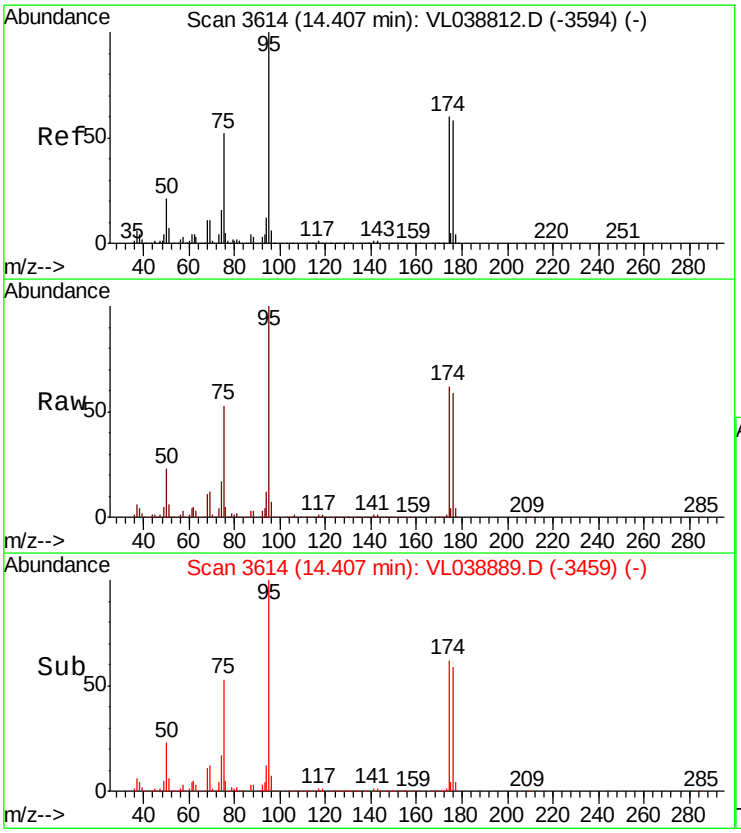
#67
sec-Butylbenzene
Concen: 7.446 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 5636341

Ion	Ratio	Lower	Upper
105	100		
134	18.1	15.1	22.7

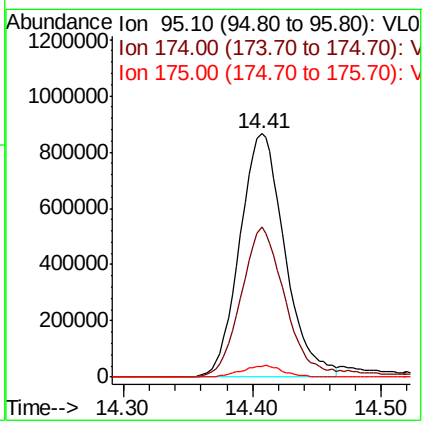


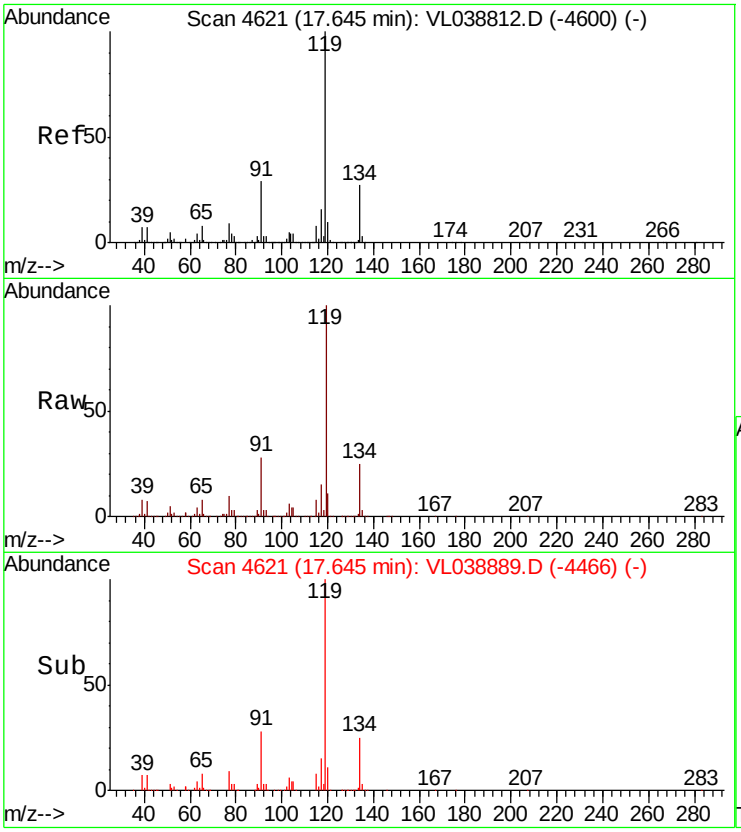


#68
1-Bromo-4-Fluorobenzene
Concen: 8.042 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 95 Resp: 2103552

Ion	Ratio	Lower	Upper
95	100		
174	63.4	52.0	78.0
175	4.7	4.0	6.0



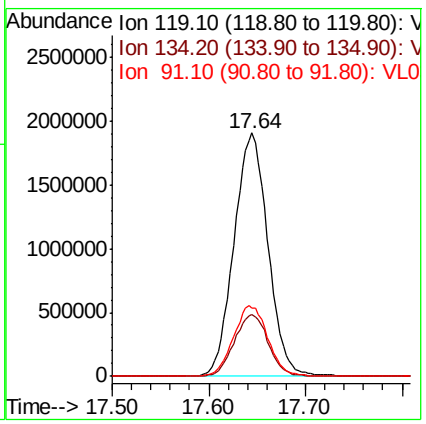


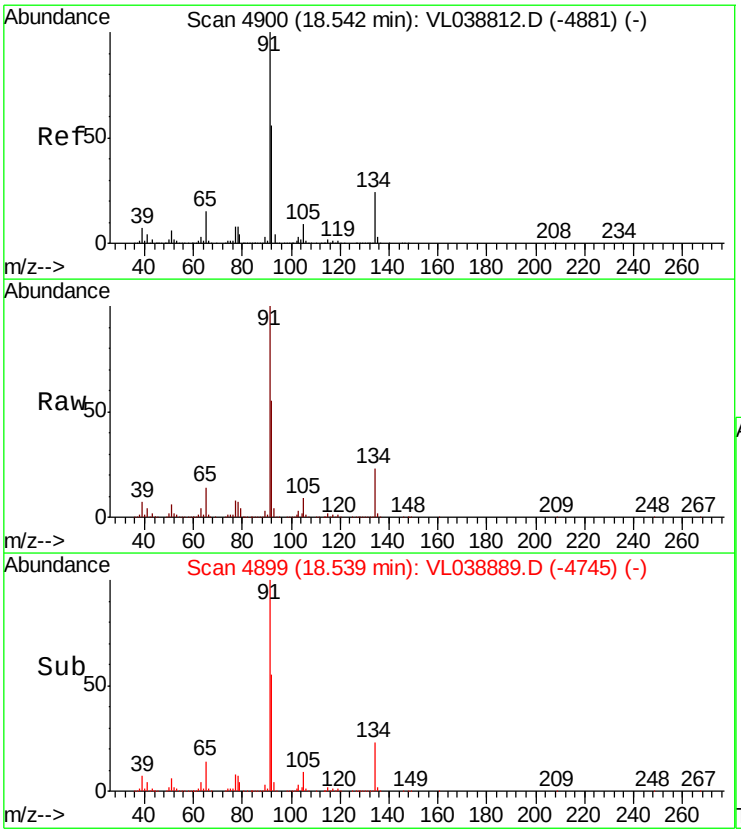
#69
p-Isopropyltoluene
Concen: 7.487 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 4653028

Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.8	31.2
91	29.1	22.6	34.0

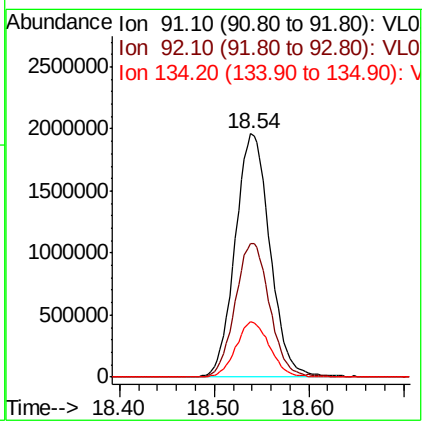


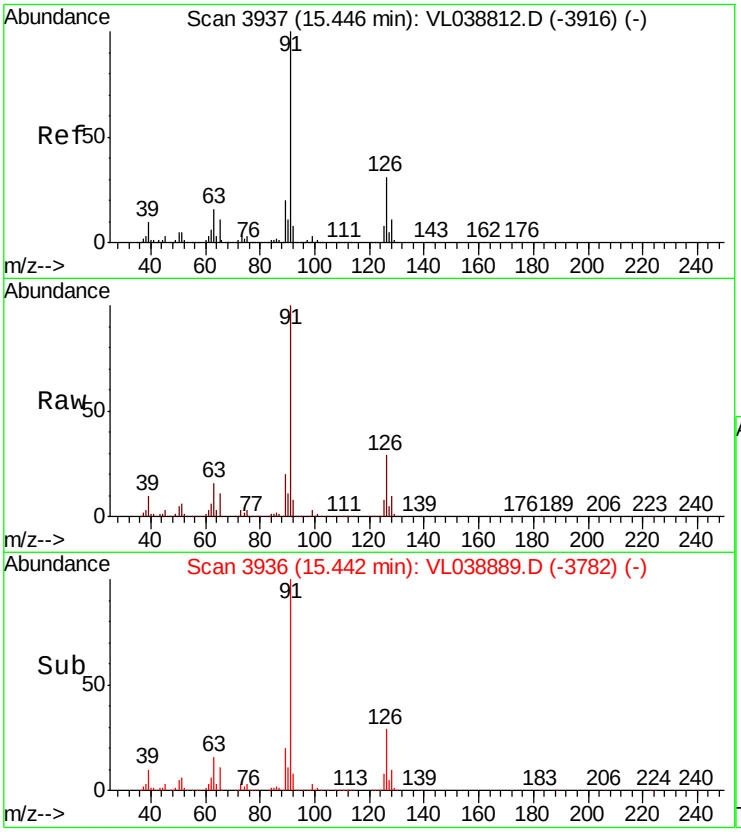


#70
n-Butylbenzene
Concen: 7.993 ppbv
RT: 18.54 min Scan# 4899
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 91 Resp: 5004797

Ion	Ratio	Lower	Upper
91	100		
92	54.6	44.6	66.8
134	22.3	19.2	28.8



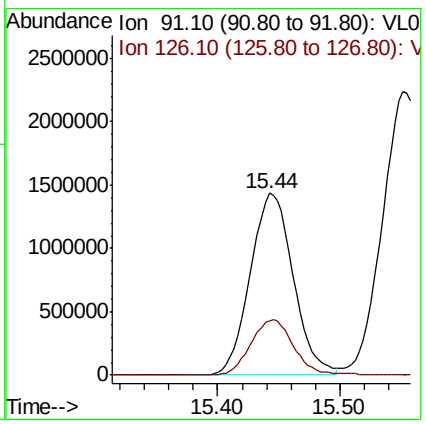


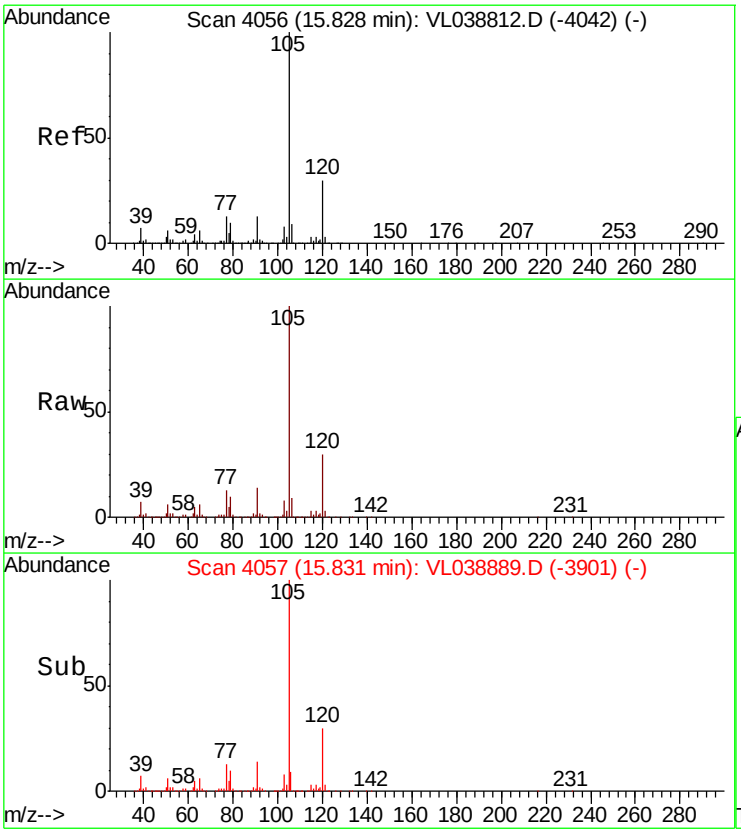
#71
2-Chlorotoluene
Concen: 7.670 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3506517

Ion	Ratio	Lower	Upper
91	100		
126	31.0	13.0	51.8

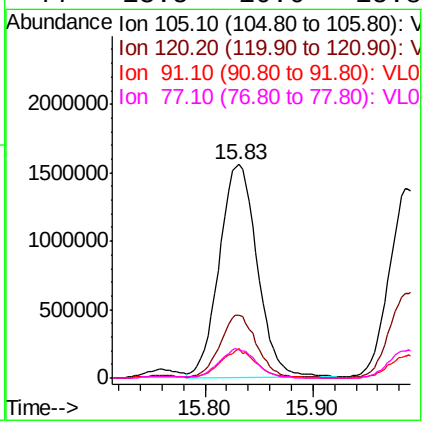


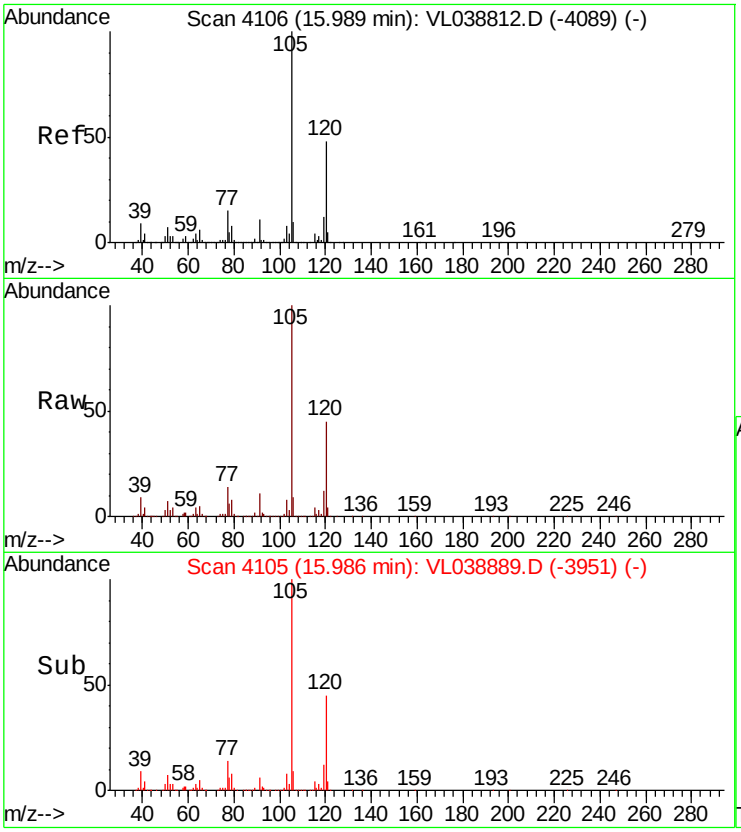


#72
4-Ethyltoluene
Concen: 7.909 ppbv
RT: 15.83 min Scan# 4057
Delta R.T. 0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:105 Resp: 3825690

Ion	Ratio	Lower	Upper
105	100		
120	28.8	24.3	36.5
91	12.4	9.4	14.2
77	13.5	10.6	15.8



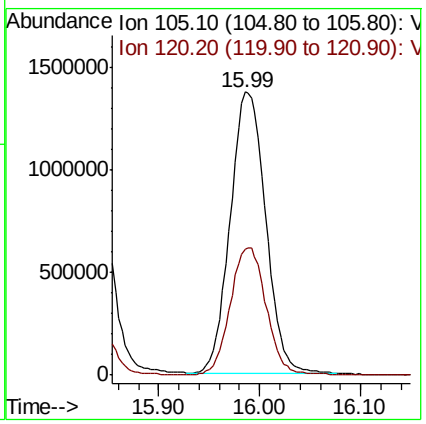


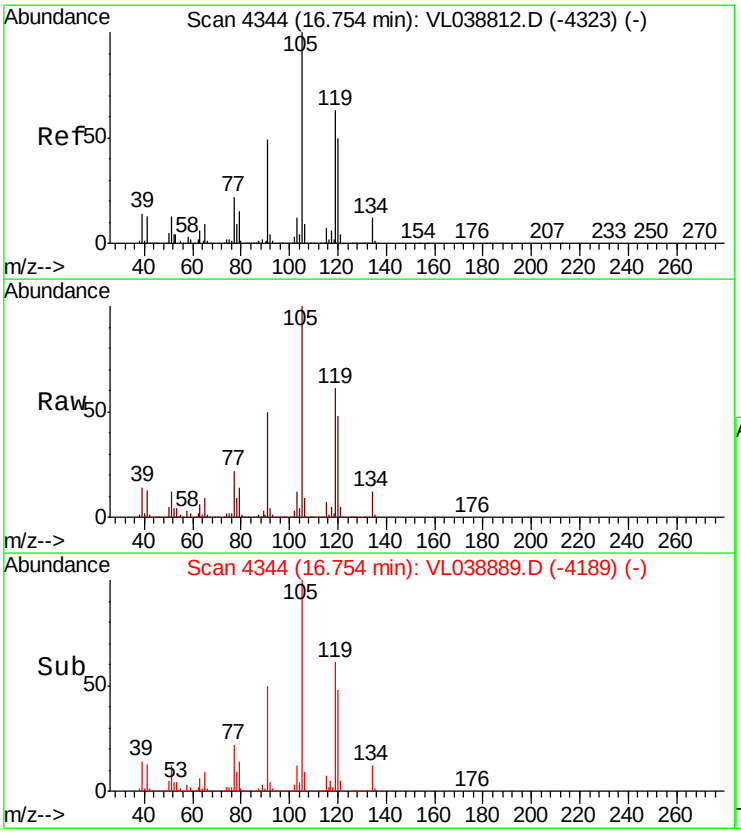
#73
1,3,5-Trimethylbenzene
Concen: 7.737 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 3361953

Ion	Ratio	Lower	Upper
105	100		
120	44.6	38.7	58.1

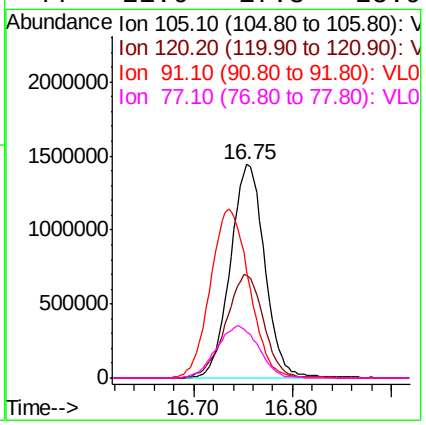


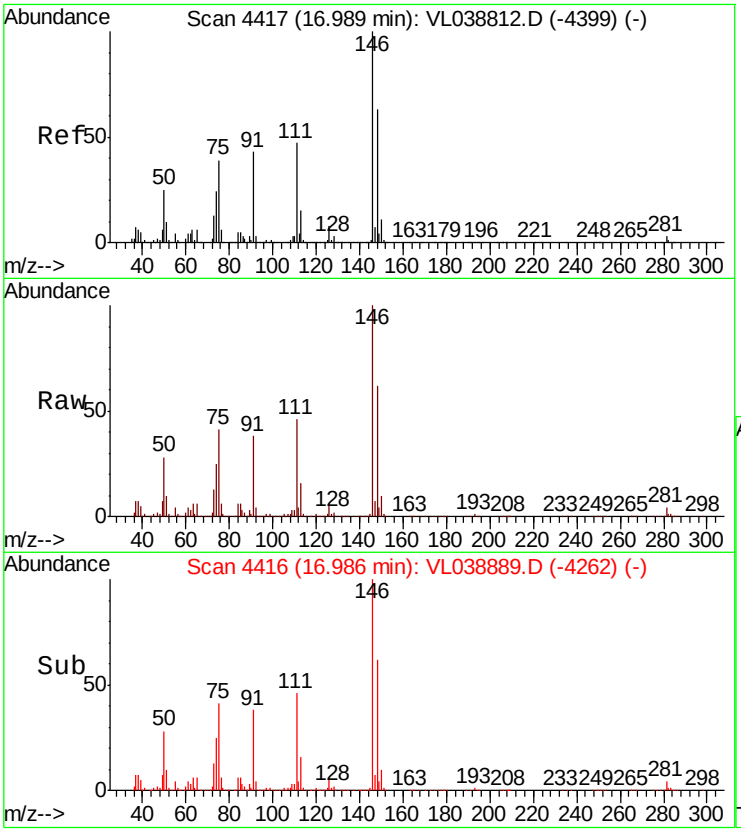


#74
1,2,4-Trimethylbenzene
Concen: 7.588 ppbv
RT: 16.75 min Scan# 4344
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:105 Resp: 3485544

Ion	Ratio	Lower	Upper
105	100		
120	48.0	39.8	59.8
91	49.6	39.4	59.0
77	21.6	17.3	25.9



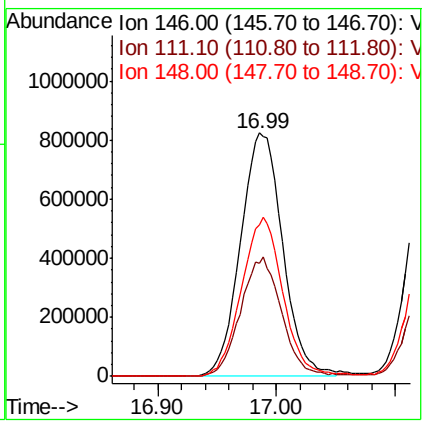


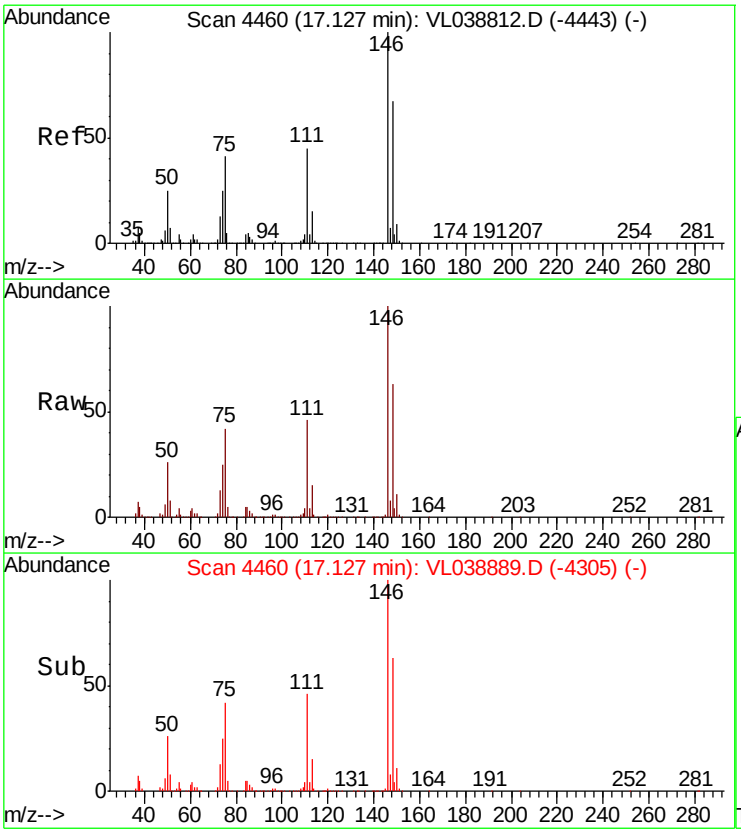
#75
1,3-Dichlorobenzene
Concen: 7.582 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 2022124

Ion	Ratio	Lower	Upper
146	100		
111	47.6	23.8	71.2
148	64.3	31.8	95.4

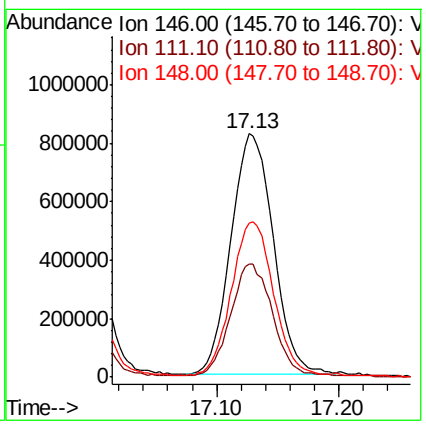


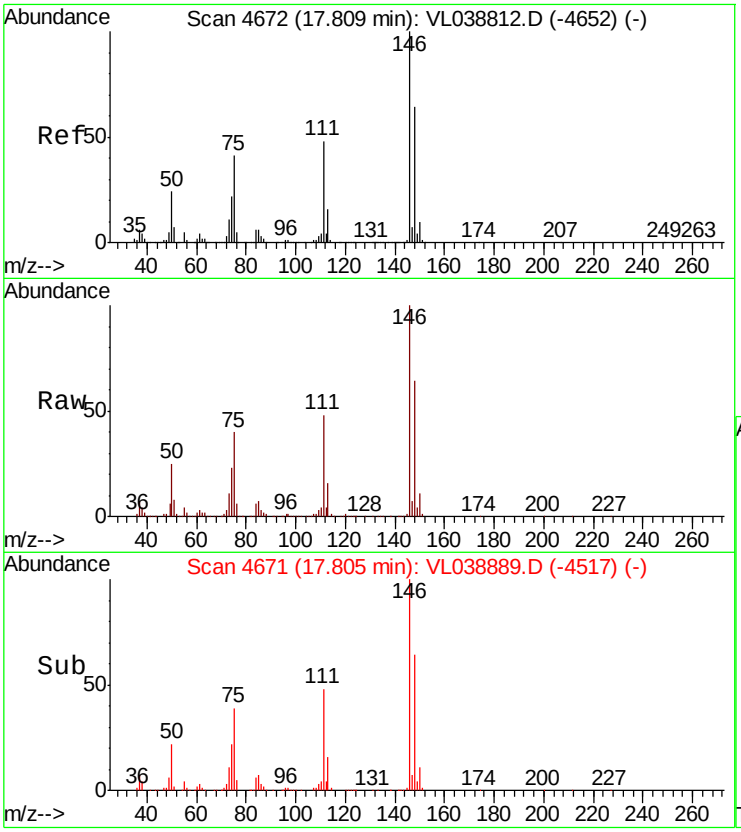


#76
1,4-Dichlorobenzene
Concen: 7.565 ppbv
RT: 17.13 min Scan# 4460
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:146 Resp: 1987467

Ion	Ratio	Lower	Upper
146	100		
111	47.1	23.6	70.8
148	65.2	33.6	100.6



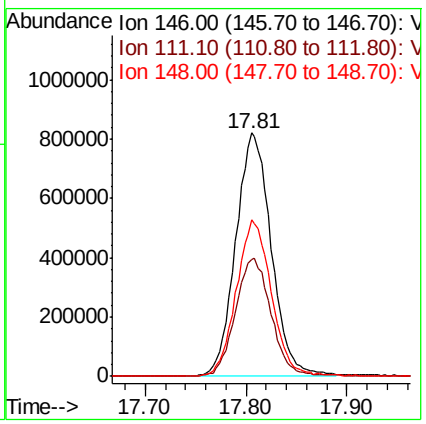


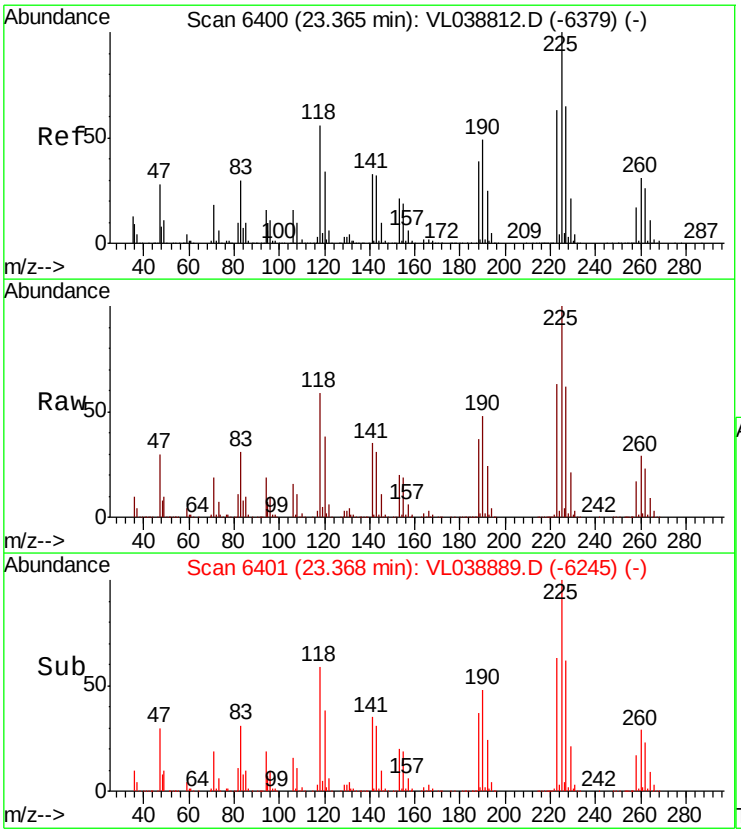
#77
1,2-Dichlorobenzene
Concen: 7.598 ppbv
RT: 17.81
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1997454

Ion	Ratio	Lower	Upper
146	100		
111	49.3	24.8	74.3
148	63.8	31.9	95.7

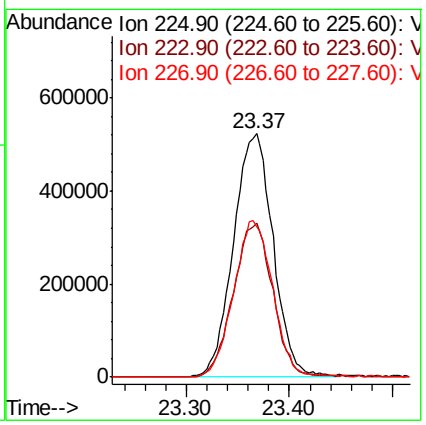


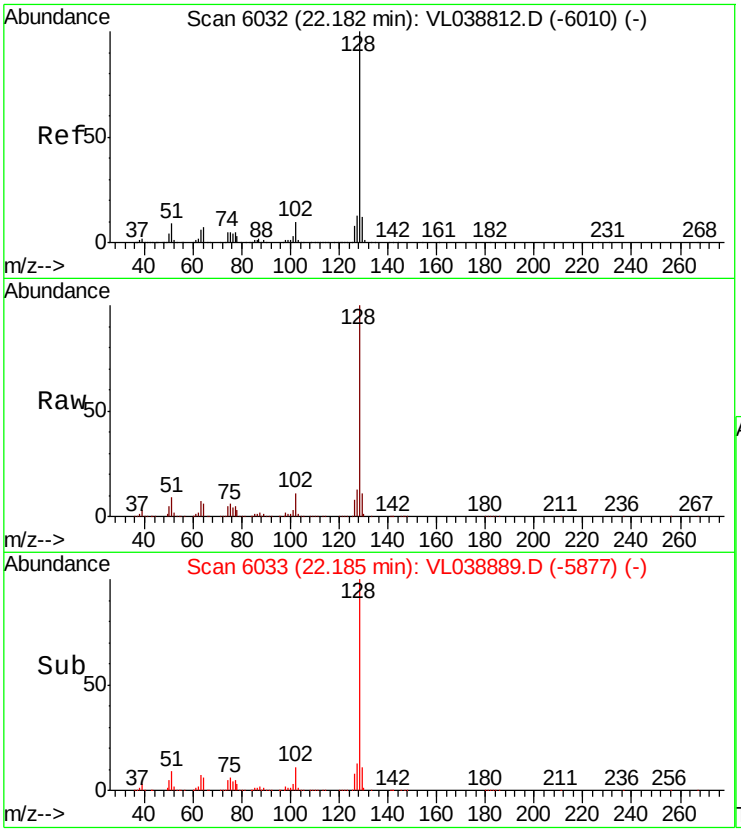


#78
Hexachloro-1,3-Butadiene
Concen: 6.739 ppbv
RT: 23.37 min Scan# 6401
Delta R.T. 0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:225 Resp: 1399838

Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.6	77.4
227	63.5	52.3	78.5



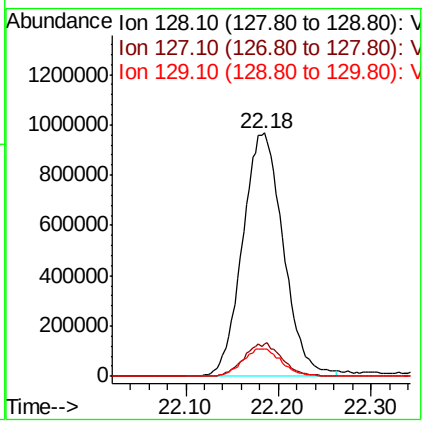


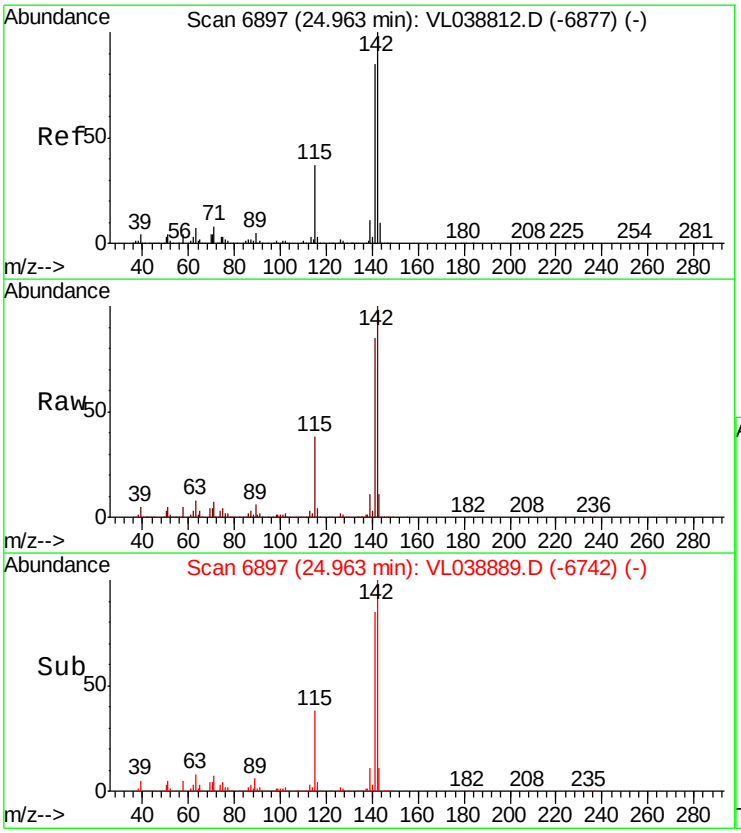
#79
Naphthalene
Concen: 8.571 ppbv
RT: 22.18
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 2944957

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	11.4	9.4	14.0

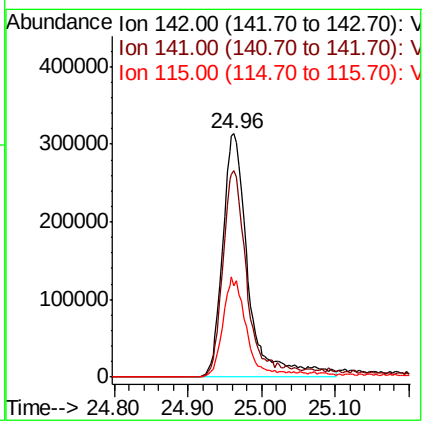


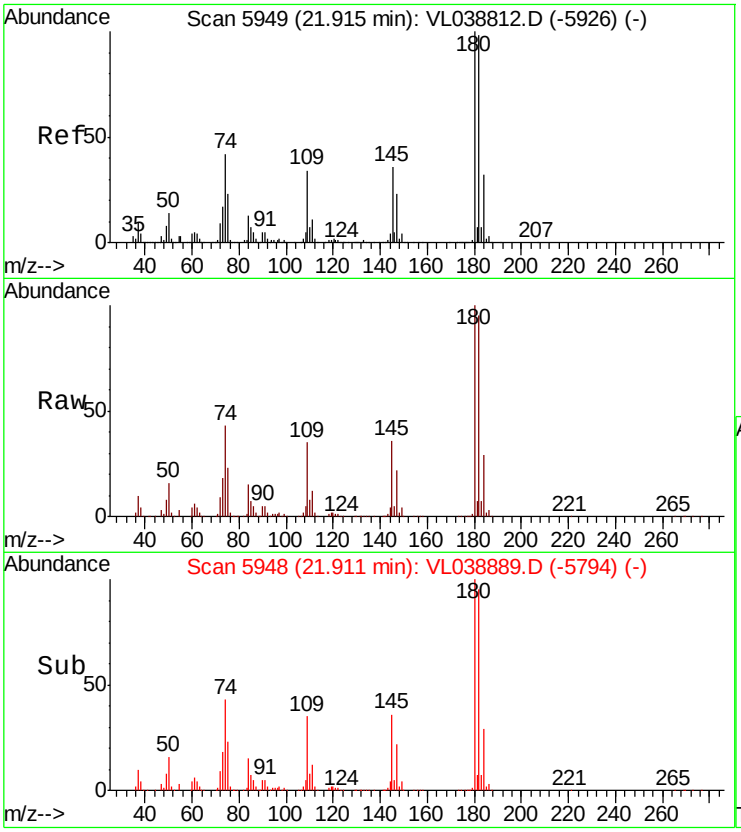


#80
Naphthalene,2-methyl-
Concen: 8.981 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. -0.00 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:142 Resp: 760411

Ion	Ratio	Lower	Upper
142	100		
141	81.8	68.8	103.2
115	38.6	31.6	47.4





#81
1,2,4-Trichlorobenzene
Concen: 7.883 ppbv
RT: 21.91
Delta R.T
Lab File:
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1585168

Ion	Ratio	Lower	Upper
180	100		
182	97.5	79.4	119.0
184	30.8	25.0	37.6