Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030322\
Data File : VL038508.D
Acq On : 3 Mar 2022 9:58
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 04 04:32:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	867950	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	2046495	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	2409259	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1663416	8.34	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 83.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	1130089	8.220	ppbv	97
3) Chlorodifluoromethane	2.99	51	1532682	10.000	ppbv	100
4) Chloromethane	3.14	50	526709	9.891	ppbv	97
5) Vinyl Chloride	3.26	62	544555	9.782	ppbv	99
6) Bromomethane	3.47	94	293237	9.986	ppbv	94
7) Chloroethane	3.56	64	186946	10.455	ppbv	100
8) Dichlorotetrafluoroethane	3.19	85	1287651	10.070	ppbv	98
9) Propene	3.01	41	497463	9.831	ppbv	99
10) Heptane	8.12	43	1286567	10.444	ppbv	99
11) Trichlorofluoromethane	3.95	101	1317417	10.009	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	967863	10.030	ppbv	100
13) Ethanol	3.61	45	23052	4.565	ppbv #	49
14) Bromoethene	3.74	108	393013	10.223	ppbv	100
15) Acetone	3.85	43	657966	8.914	ppbv	100
16) 1,3-Butadiene	3.33	39	508126	10.306	ppbv	96
17) tert-Butyl alcohol	4.28	59	794143	10.784	ppbv	100
18) 1,1-Dichloroethene	4.29	96	424614	10.023	ppbv	98
19) Isopropyl Alcohol	3.96	45	406298	9.506	ppbv #	98
20) Methylene Chloride	4.34	84	351476	9.611	ppbv	98
21) Allyl Chloride	4.41	41	631668	10.132	ppbv	100
22) trans-1,2-Dichloroethene	4.89	96	443374	10.373	ppbv	96
23) Vinyl Acetate	5.07	43	1005274	10.277	ppbv	98
24) 1,1-Dichloroethane	5.01	63	888295	10.101	ppbv	100
25) Ethyl Acetate	5.67	43	2015414	10.163	ppbv	99
26) Hexane	5.68	57	910645	10.141	ppbv	99
27) Carbon Disulfide	4.55	76	1080969	10.822	ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	929066	10.157	ppbv	98
29) Chloroform	5.75	83	1525553	10.409	ppbv	99
30) Cyclohexane	7.12	84	761480	10.368	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	921164	10.588	ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	1502532	10.194	ppbv	99
34) 2-Butanone	5.24	43	689973	10.720	ppbv	100
35) Carbon Tetrachloride	7.01	117	1566603	10.886	ppbv	99
36) Benzene	6.89	78	1901634	10.555	ppbv	98
37) 1,2-Dichloroethane	6.30	62	1147012	11.017	ppbv	99
38) Trichloroethene	7.83	130	679726	10.358	ppbv	97
39) 1,2-Dichloropropane	7.61	63	755100	10.523	ppbv	96
40) 1,4-Dioxane	7.83	88	71661	4.210	ppbv #	1
41) Tetrahydrofuran	6.05	42	476423	10.955	ppbv	98
42) Bromodichloromethane	7.79	83	1617338	10.758	ppbv	100
43) Methyl Methacrylate	8.01	69	696528	11.121	ppbv	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030322\
Data File : VL038508.D
Acq On : 3 Mar 2022 9:58
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 04 04:32:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3287969	10.618 ppbv	100
45) t-1,3-Dichloropropene	9.27	75	579424	11.576 ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	728462	11.104 ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	731182	10.242 ppbv	98
48) Dibromochloromethane	10.30	129	1224505	10.489 ppbv	99
49) Bromoform	13.03	173	837848	9.723 ppbv	100
50) 4-Methyl-2-Pentanone	8.73	43	1295205	11.382 ppbv	99
51) 2-Hexanone	10.13	43	563853	11.067 ppbv #	100
52) Tetrachloroethene	11.21	164	565820	9.461 ppbv	96
53) Toluene	9.80	91	2081066	10.639 ppbv	98
54) 1,2-Dibromoethane	10.60	107	1051537	10.463 ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.12	131	800949	7.976 ppbv	97
57) Chlorobenzene	12.14	112	1406920	7.569 ppbv	98
58) Ethyl Benzene	12.70	91	2647149	8.035 ppbv	98
59) m/p-Xylene	12.99	91	2622207	9.268 ppbv #	54
60) o-Xylene	13.69	91	2078882	7.773 ppbv	100
61) Styrene	13.52	104	993347	8.052 ppbv	98
62) Isopropylbenzene	14.66	105	2707707	7.543 ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	1396318	6.425 ppbv	99
64) n-propylbenzene	15.55	120	640029	7.201 ppbv	87
65) tert-Butylbenzene	16.73	119	2197085	7.066 ppbv	98
66) Benzyl Chloride	16.98	91	55520	3.304 ppbv #	70
67) sec-Butylbenzene	17.28	105	3071565	6.972 ppbv	99
69) p-Isopropyltoluene	17.64	119	2445864	7.068 ppbv	98
70) n-Butylbenzene	18.54	91	2579364	7.203 ppbv	99
71) 2-Chlorotoluene	15.45	91	1971103	7.141 ppbv	100
72) 4-Ethyltoluene	15.83	105	2198338	7.460 ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	1927051	7.200 ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	2010014	7.114 ppbv	97
75) 1,3-Dichlorobenzene	16.99	146	1045827	6.609 ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	1000539	6.411 ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	984395	6.462 ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	804562	6.925 ppbv	99
79) Naphthalene	22.18	128	1495518	9.769 ppbv	98
80) Naphthalene,2-methyl-	24.97	142	229177	7.660 ppbv	96
81) 1,2,4-Trichlorobenzene	21.91	180	798694	8.629 ppbv	99

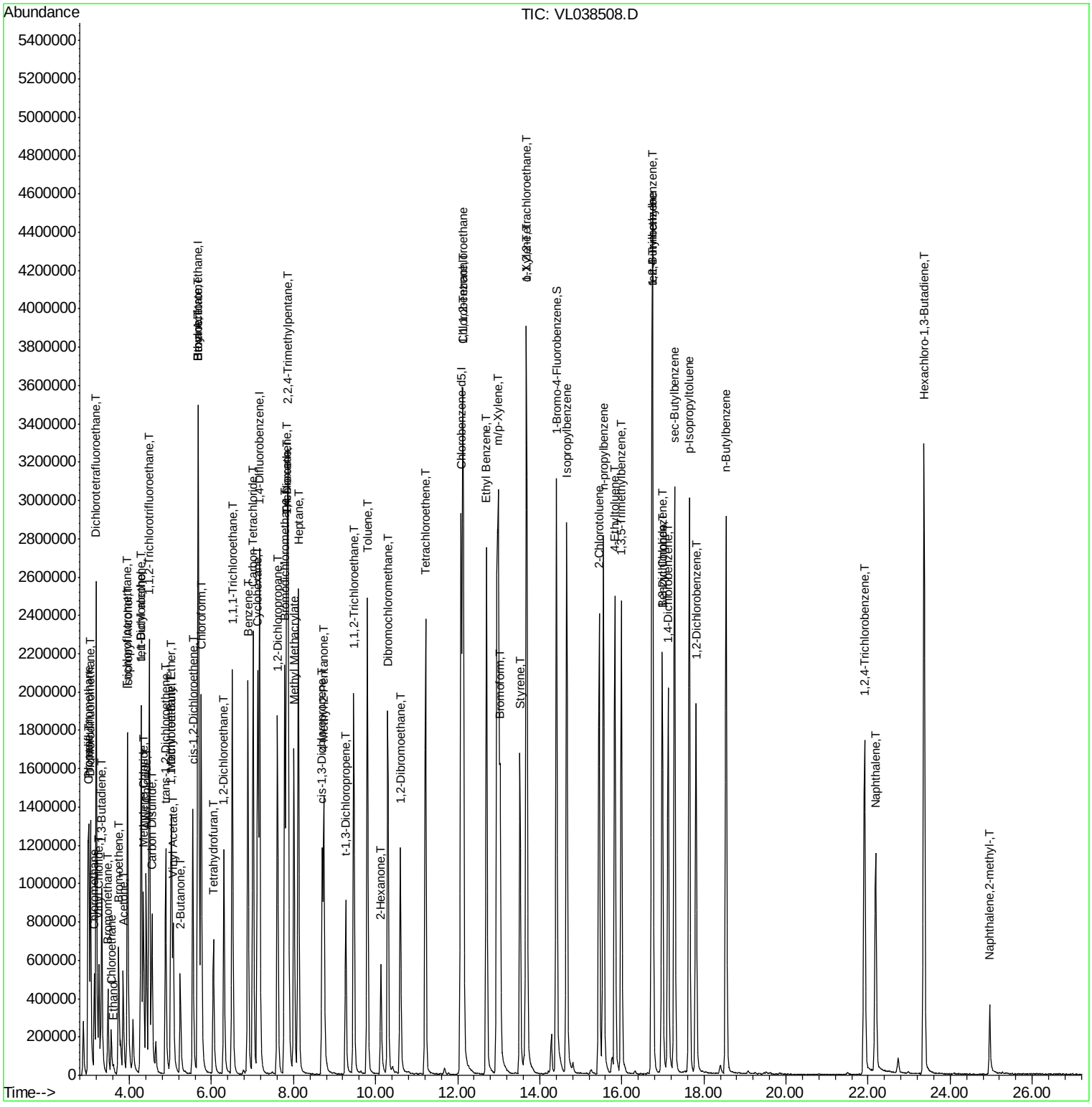
(#) = qualifier out of range (m) = manual integration (+) = signals summed

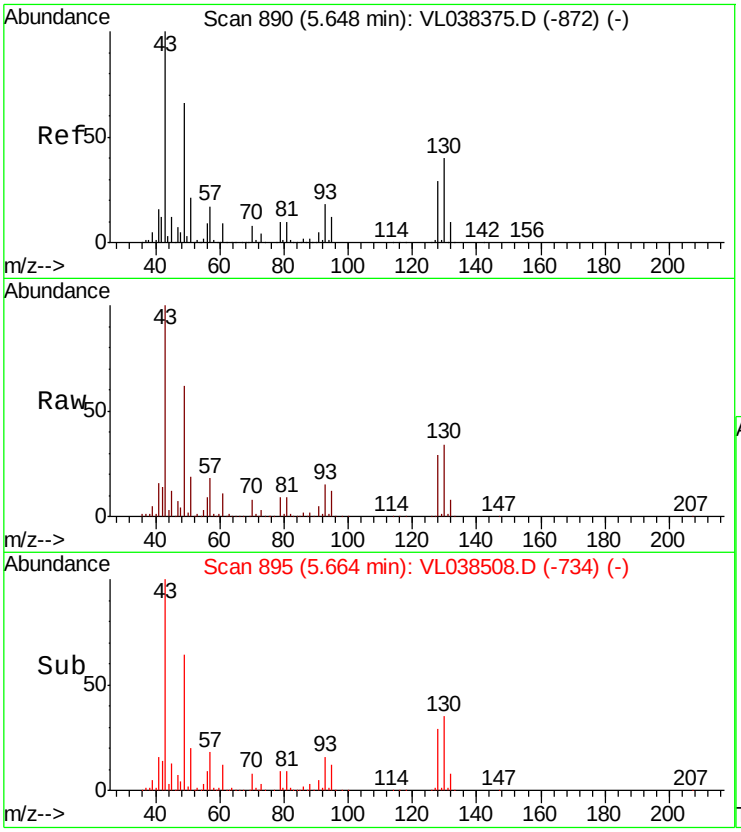
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030322\
Data File : VL038508.D
Acq On : 3 Mar 2022 9:58
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Mar 04 04:32:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration



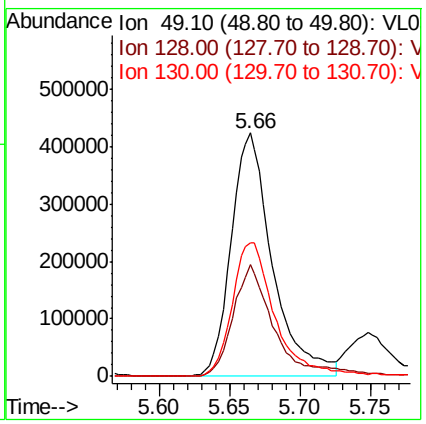


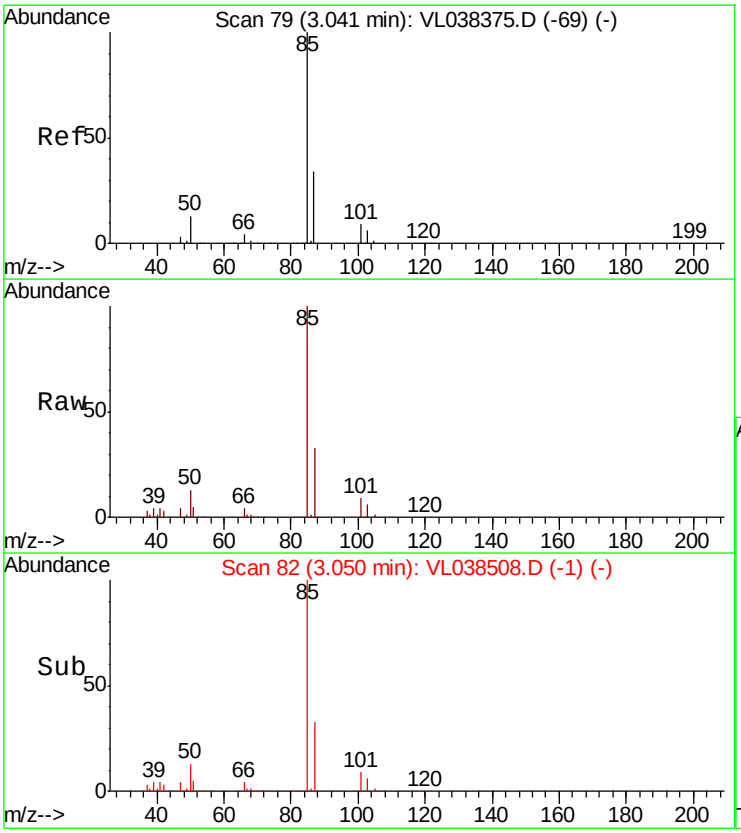
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 867950

Ion	Ratio	Lower	Upper
49	100		
128	47.0	24.3	72.9
130	57.9	30.1	90.5

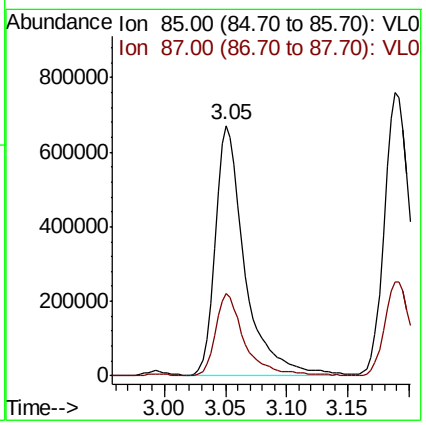


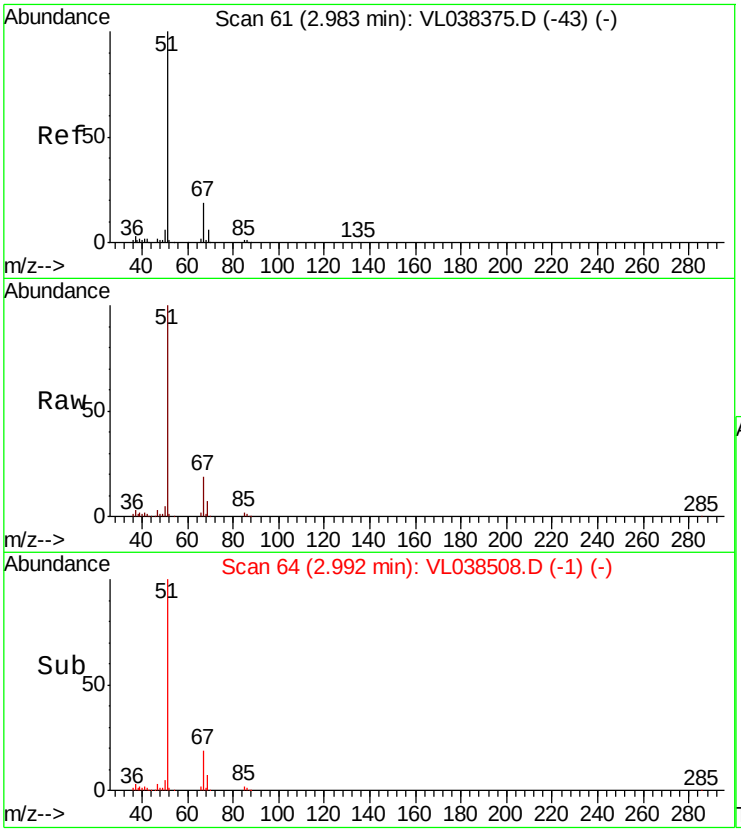


#2
Dichlorodifluoromethane
Concen: 8.220 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.01 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 85 Resp: 1130089

Ion	Ratio	Lower	Upper
85	100		
87	32.7	27.4	41.0



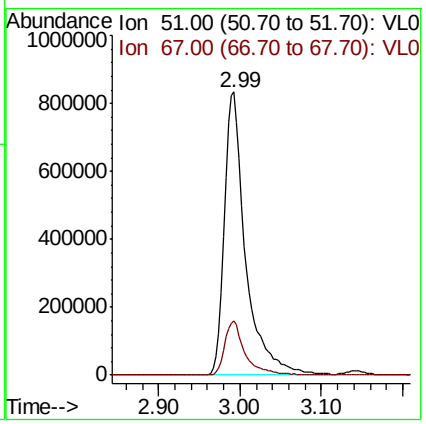


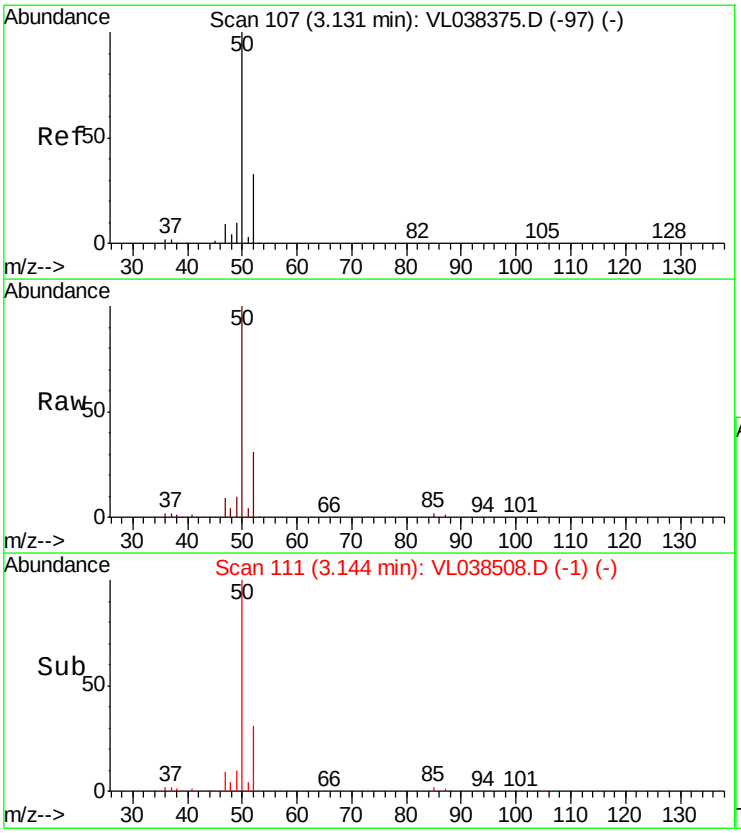
#3
Chlorodifluoromethane
Concen: 10.000 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1532682

Ion	Ratio	Lower	Upper
51	100		
67	18.6	14.7	22.1

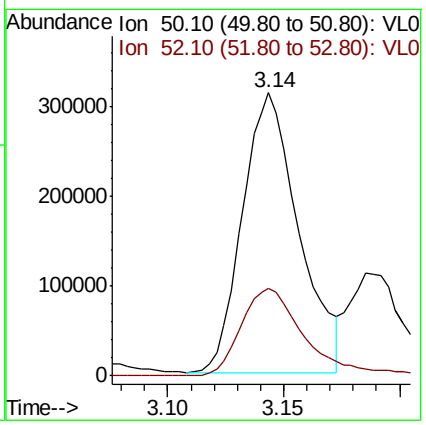


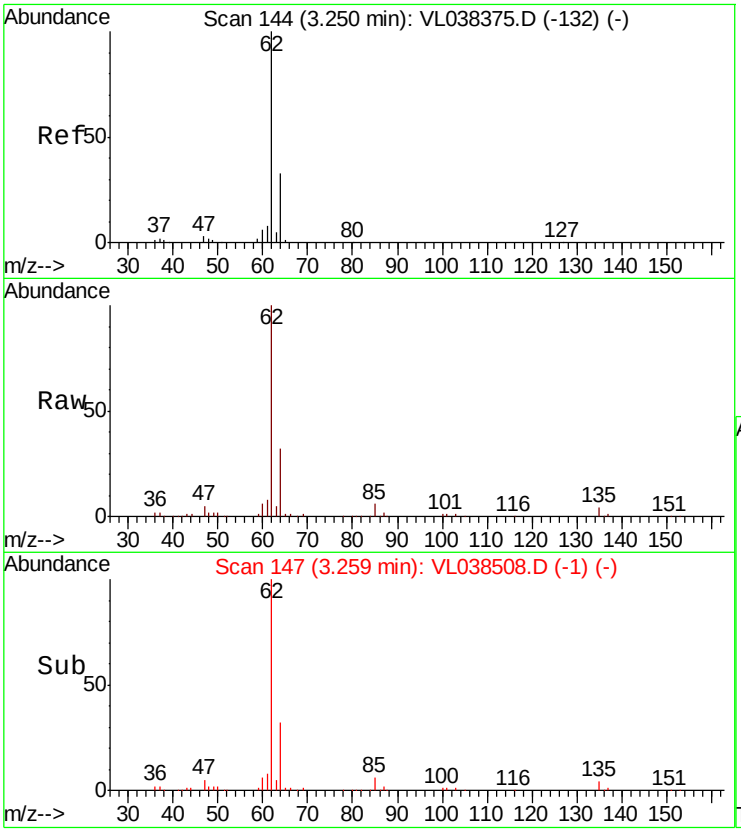


#4
Chloromethane
Concen: 9.891 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 50 Resp: 526709

Ion	Ratio	Lower	Upper
50	100		
52	31.3	26.5	39.7



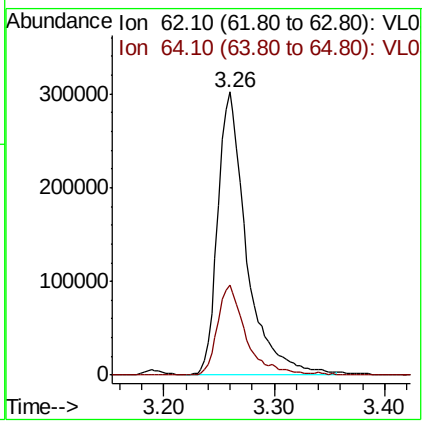


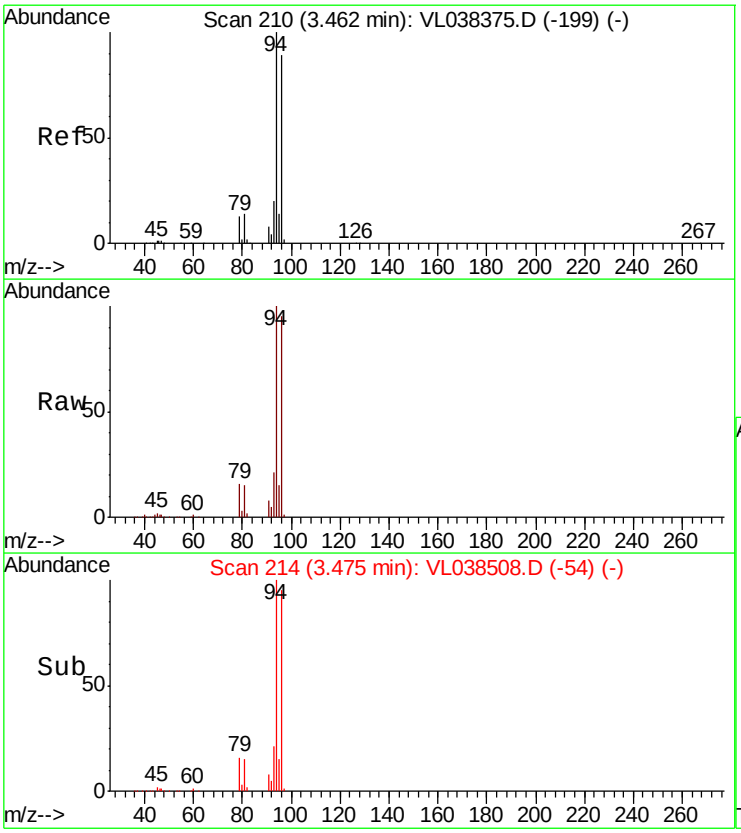
#5
Vinyl Chloride
Concen: 9.782 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 544555

Ion	Ratio	Lower	Upper
62	100		
64	31.9	26.2	39.2

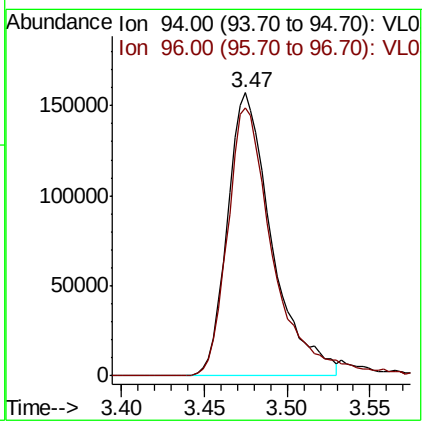


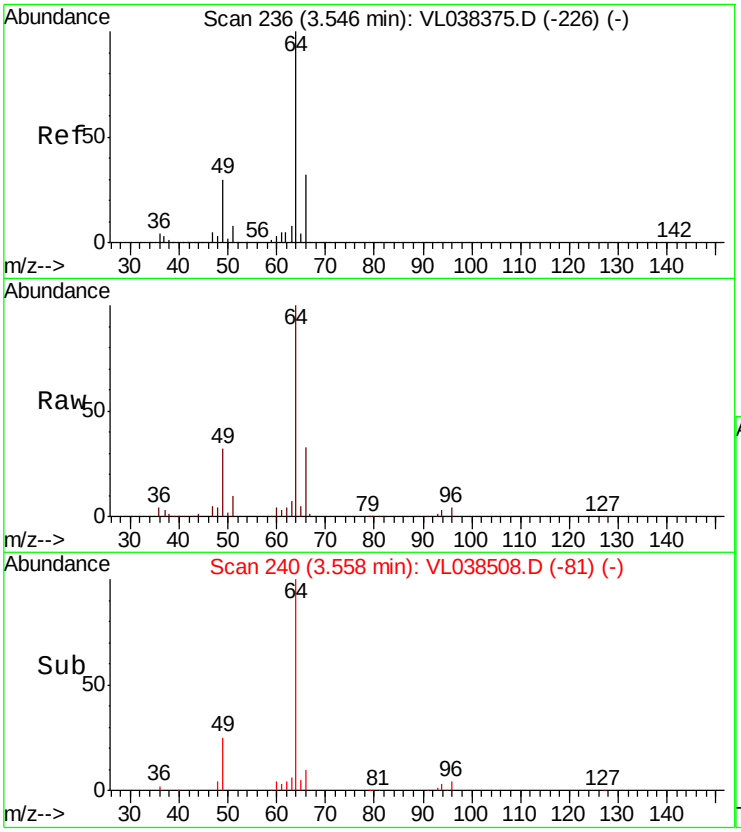


#6
Bromomethane
Concen: 9.986 ppbv
RT: 3.47 min Scan# 214
Delta R.T. 0.01 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 94 Resp: 293237

Ion	Ratio	Lower	Upper
94	100		
96	94.6	71.0	106.6



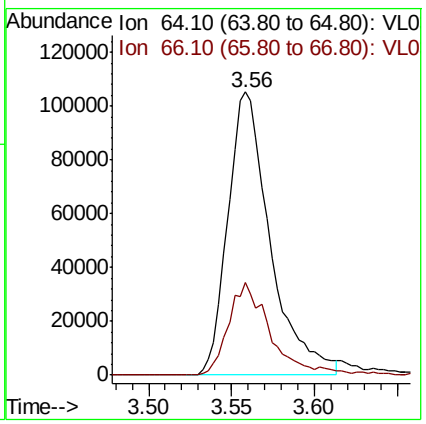


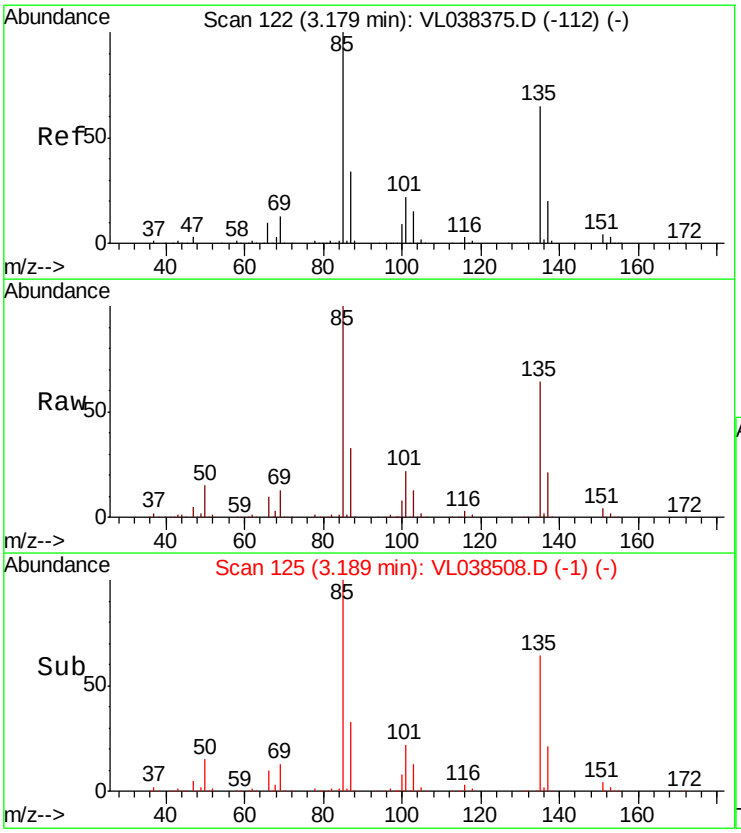
#7
Chloroethane
Concen: 10.455 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 186946

Ion	Ratio	Lower	Upper
64	100		
66	32.6	25.9	38.9

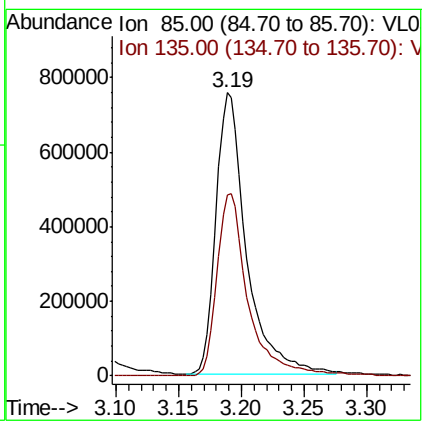


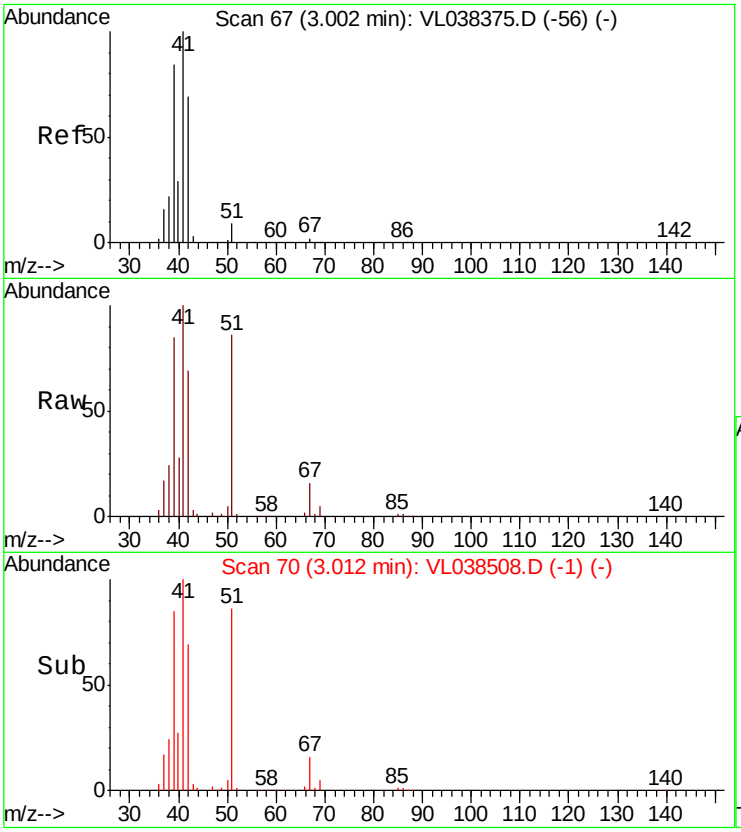


#8
Dichlorotetrafluoroethane
Concen: 10.070 ppbv
RT: 3.19 min Scan# 125
Delta R.T. 0.01 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 85 Resp: 1287651

Ion	Ratio	Lower	Upper
85	100		
135	66.3	54.1	81.1



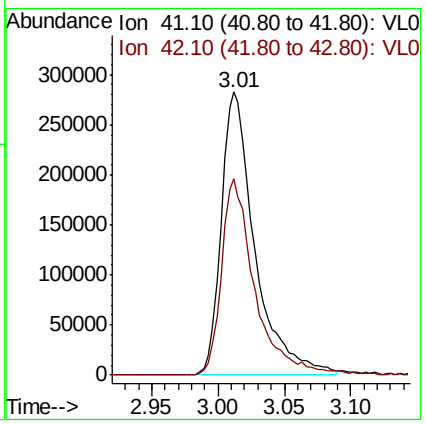


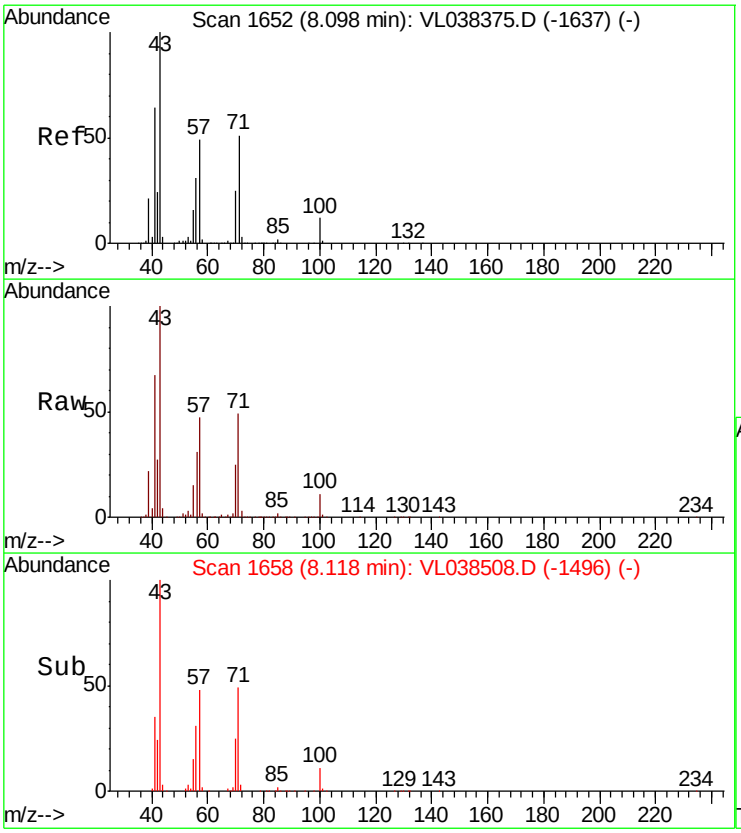
#9
Propene
Concen: 9.831 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 497463

Ion	Ratio	Lower	Upper
41	100		
42	68.9	54.6	82.0

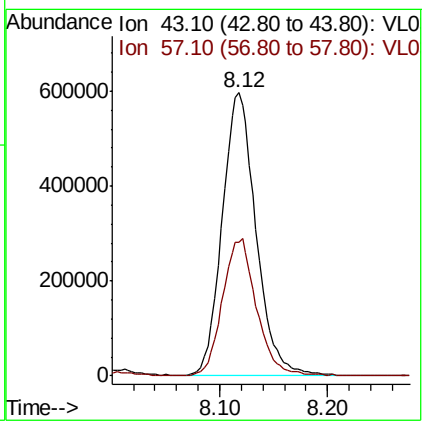


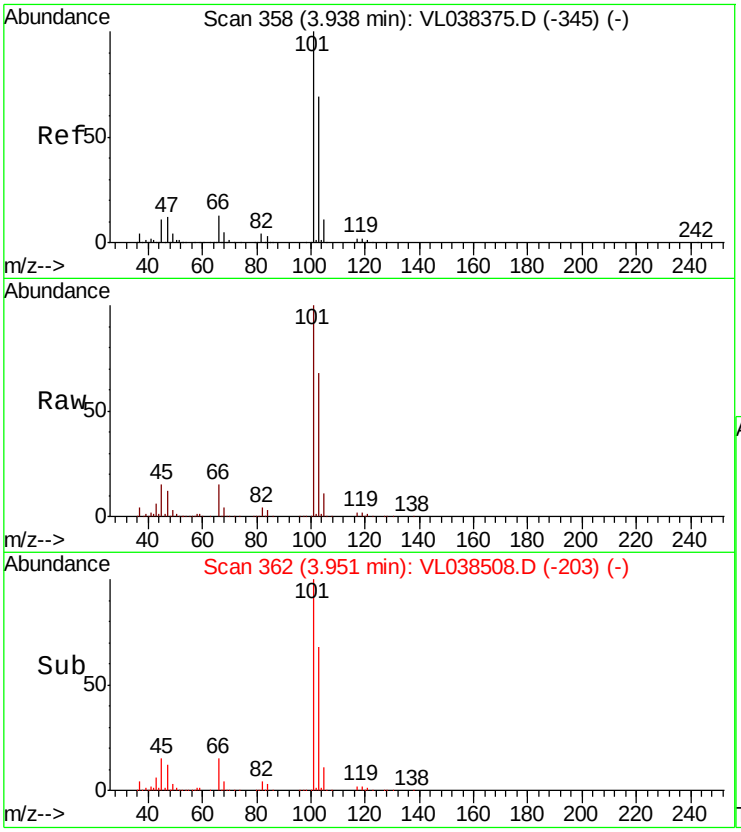


#10
Heptane
Concen: 10.444 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 43 Resp: 1286567

Ion	Ratio	Lower	Upper
43	100		
57	49.3	39.8	59.8



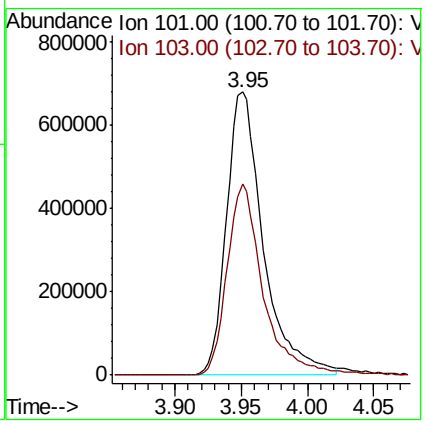


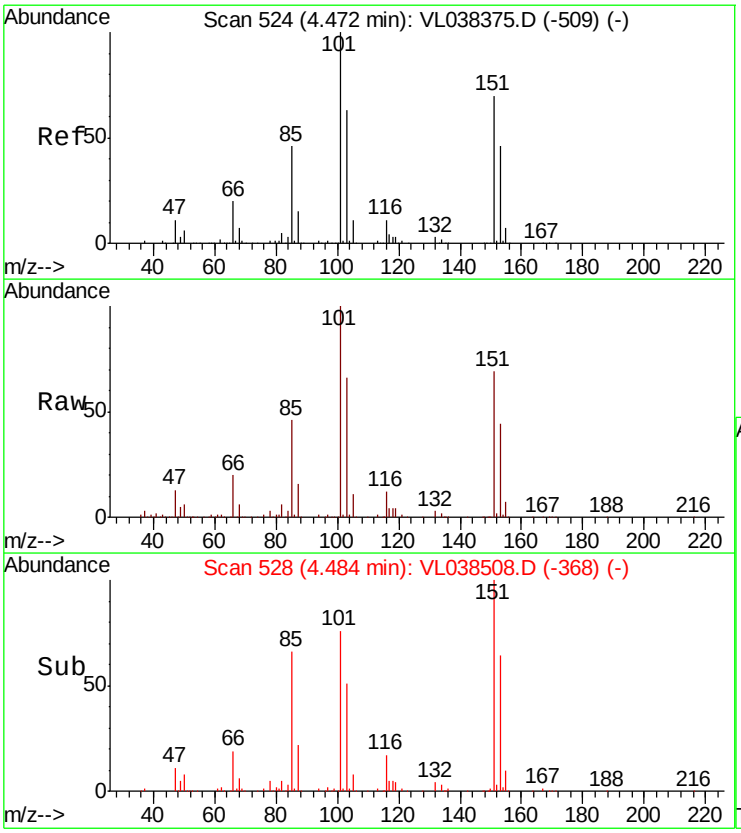
#11
Trichlorofluoromethane
Concen: 10.009 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1317417

Ion	Ratio	Lower	Upper
101	100		
103	67.6	55.0	82.4

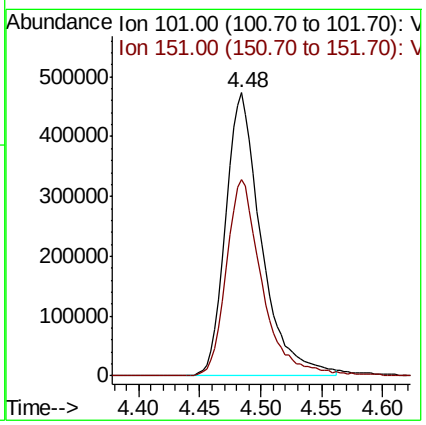


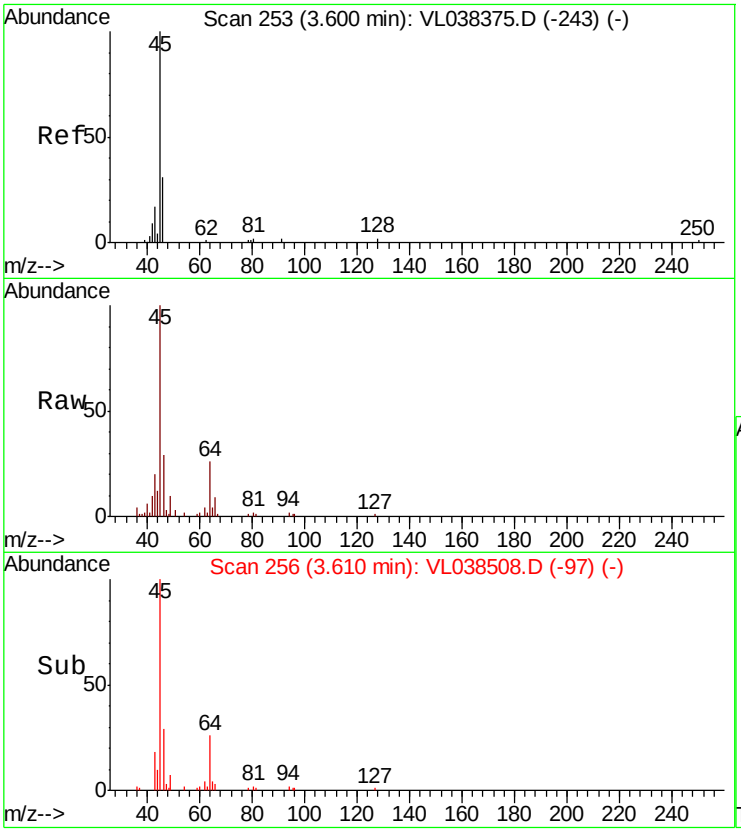


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.030 ppbv
RT: 4.48 min Scan# 528
Delta R.T. 0.01 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:101 Resp: 967863

Ion	Ratio	Lower	Upper
101	100		
151	70.0	55.9	83.9



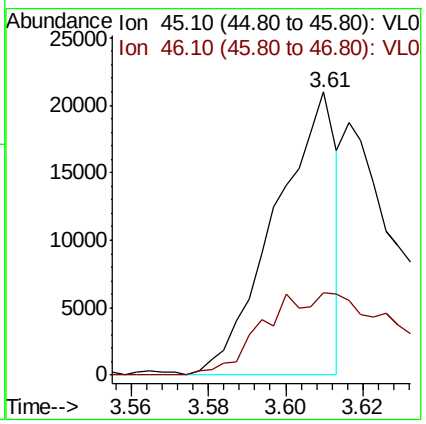


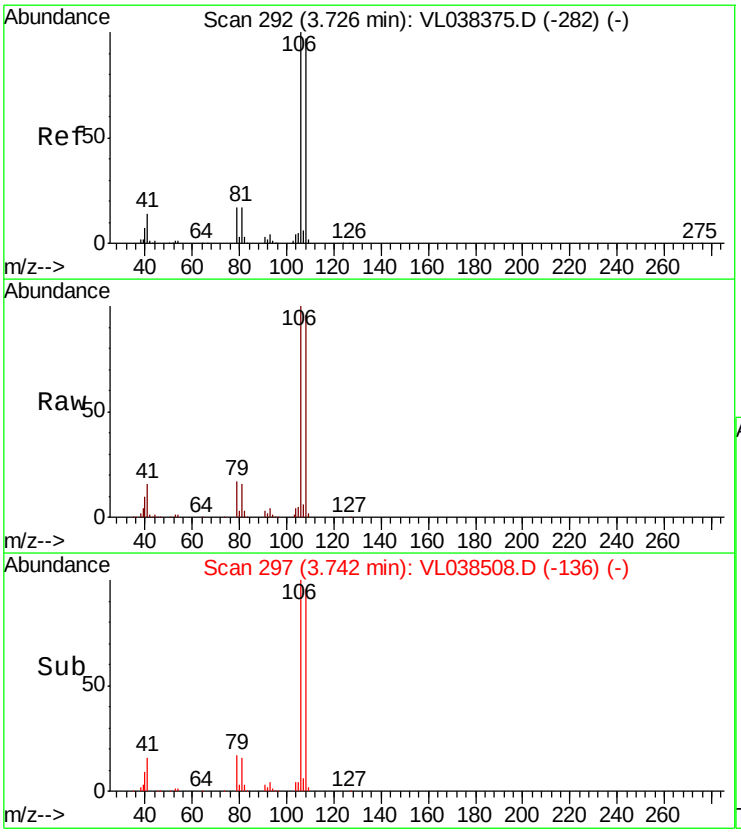
#13
Ethanol
Concen: 4.565 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 23052

Ion	Ratio	Lower	Upper
45	100		
46	78.7	18.2	72.8#

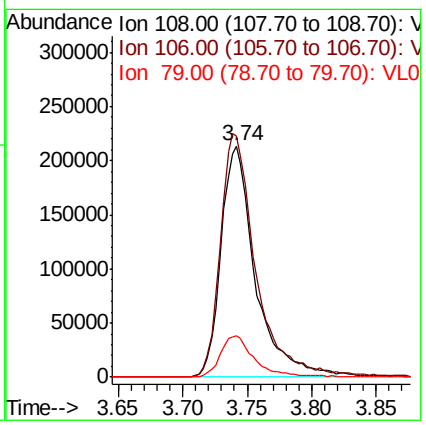


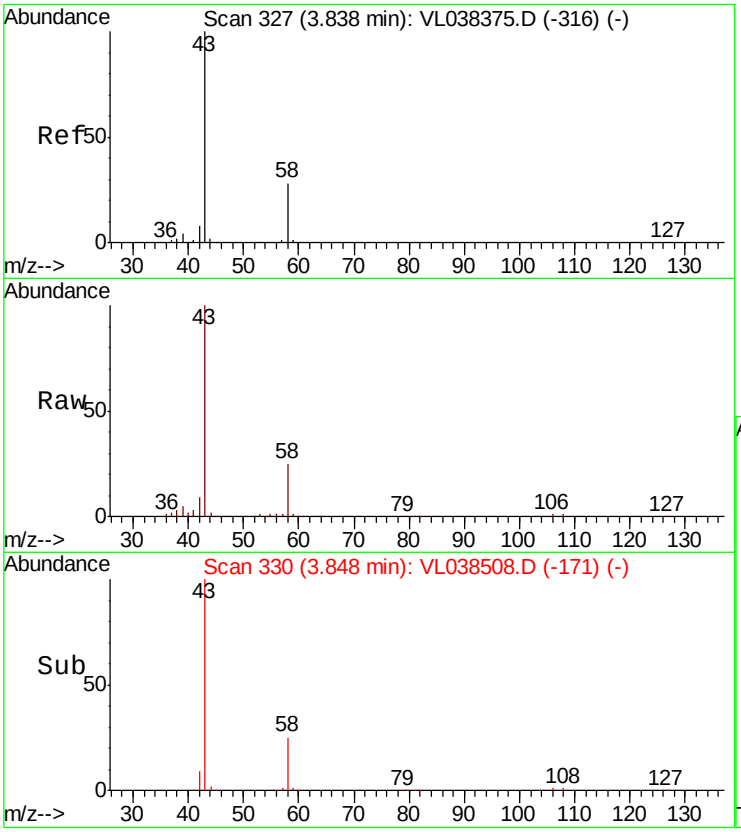


#14
Bromoethene
Concen: 10.223 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:108 Resp: 393013

Ion	Ratio	Lower	Upper
108	100		
106	110.3	88.4	132.6
79	18.6	15.0	22.6



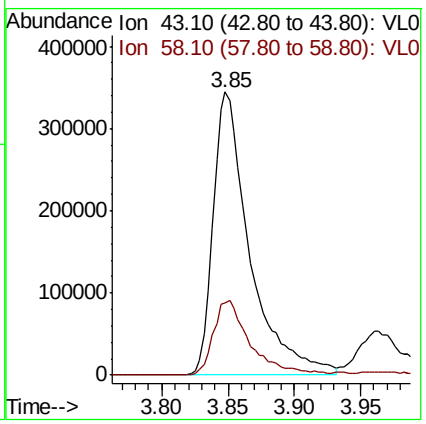


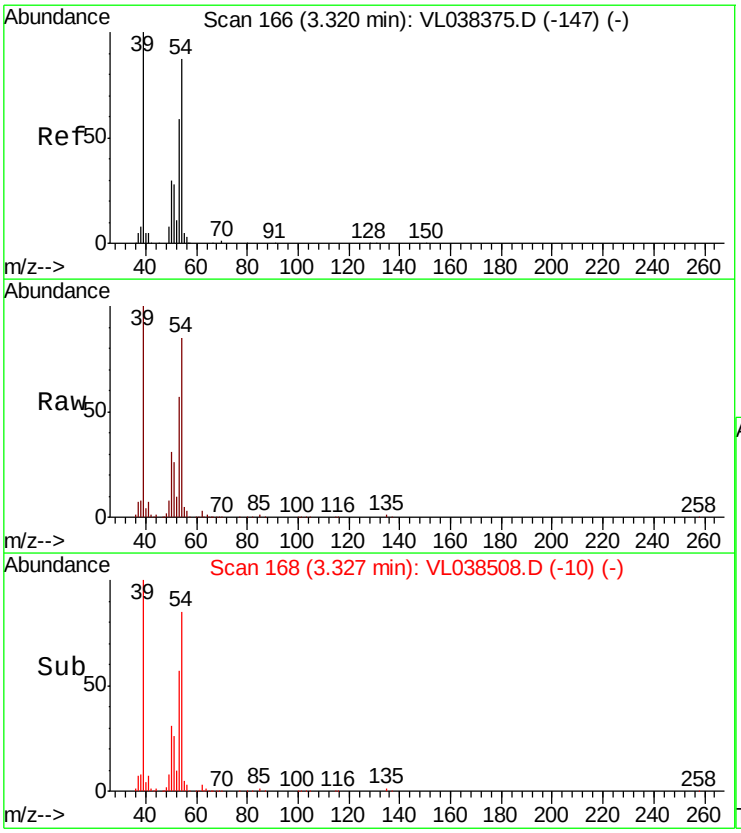
#15
Acetone
Concen: 8.914 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 657966

Ion	Ratio	Lower	Upper
43	100		
58	27.3	21.7	32.5

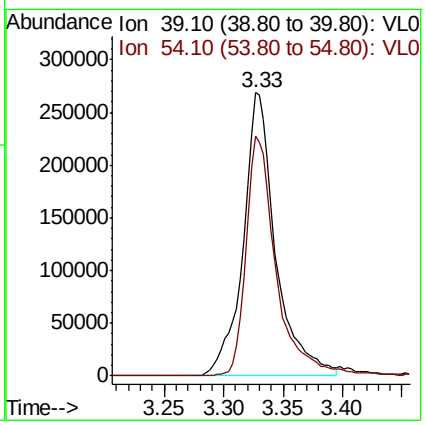


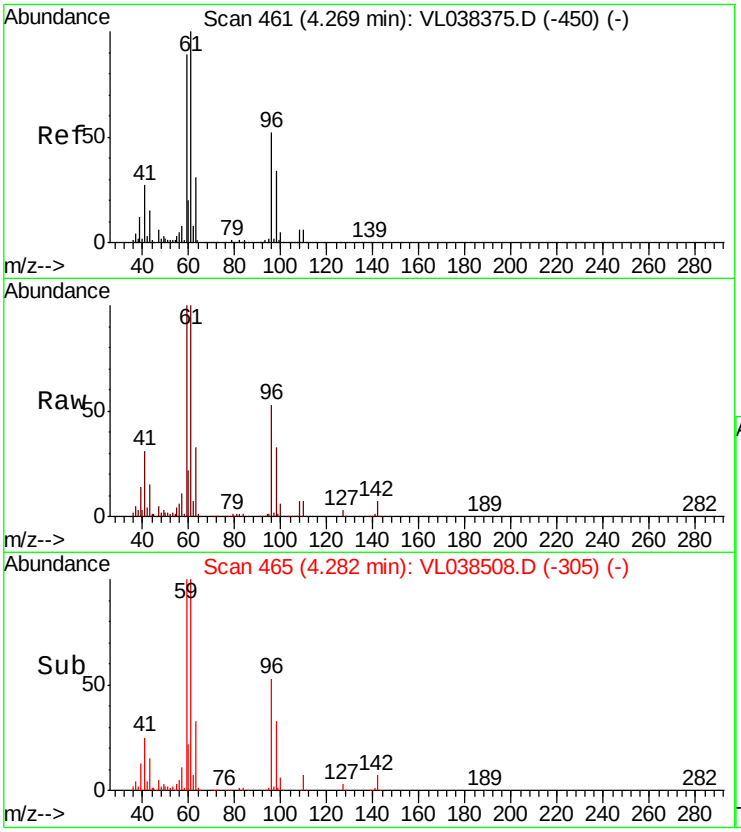


#16
1,3-Butadiene
Concen: 10.306 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.01 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 39 Resp: 508126

Ion	Ratio	Lower	Upper
39	100		
54	79.2	60.3	90.5



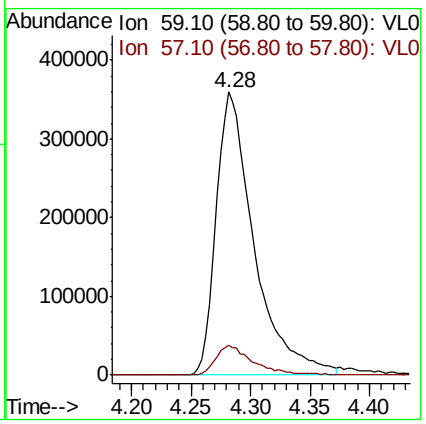


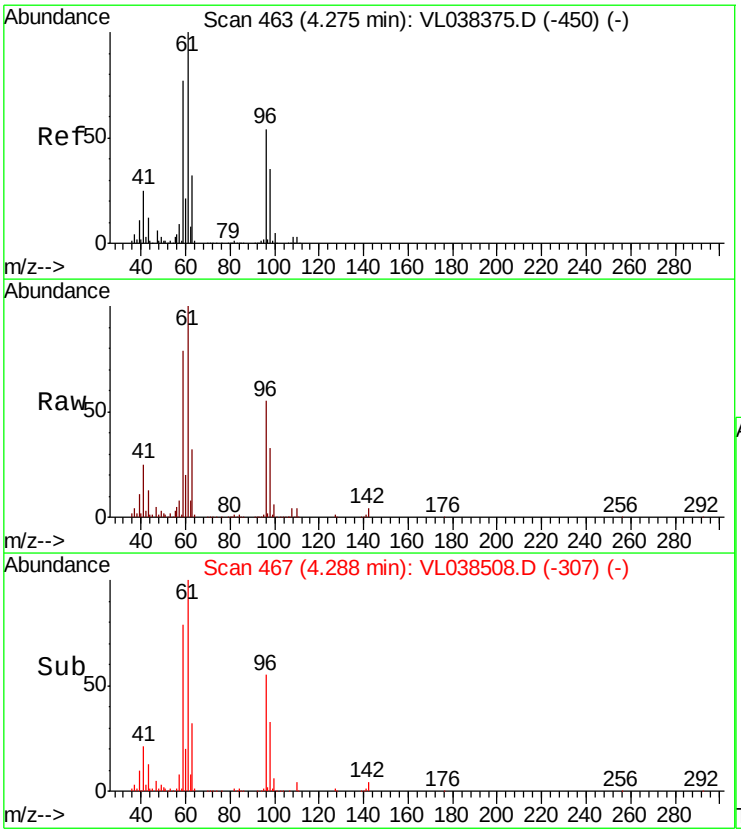
#17
tert-Butyl alcohol
Concen: 10.784 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 794143

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

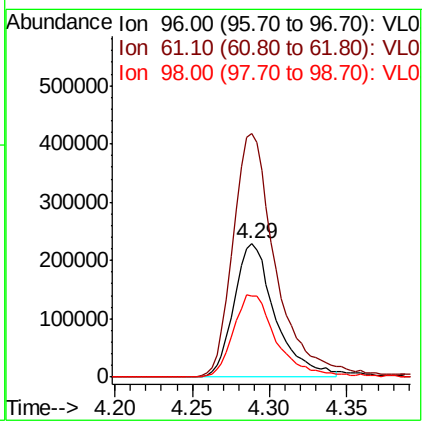


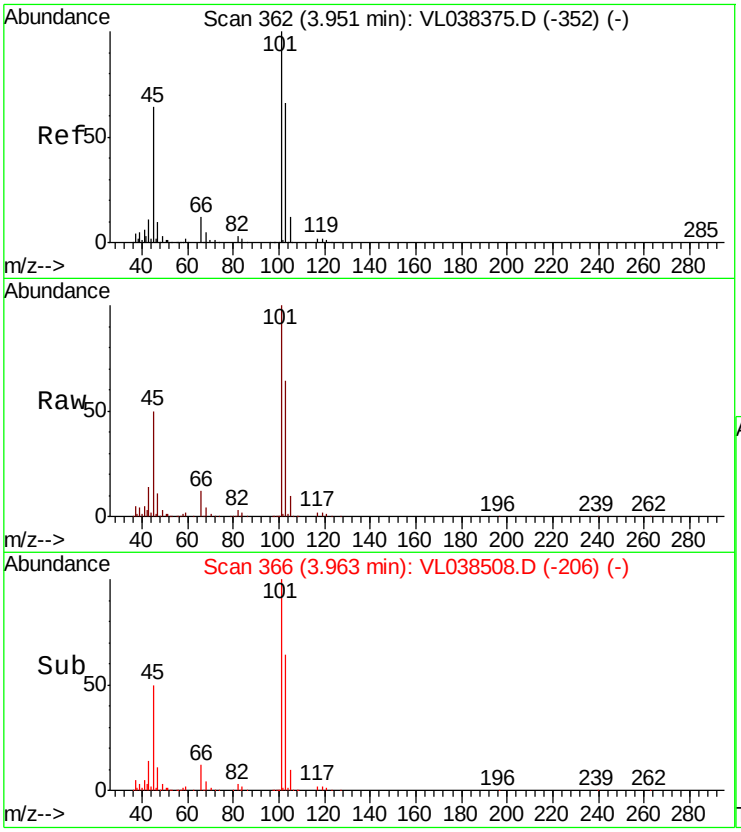


#18
1,1-Dichloroethene
Concen: 10.023 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.01 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 96 Resp: 424614

Ion	Ratio	Lower	Upper
96	100		
61	182.6	146.8	220.2
98	61.1	51.5	77.3



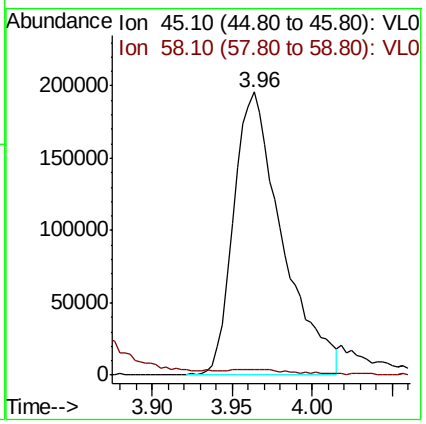


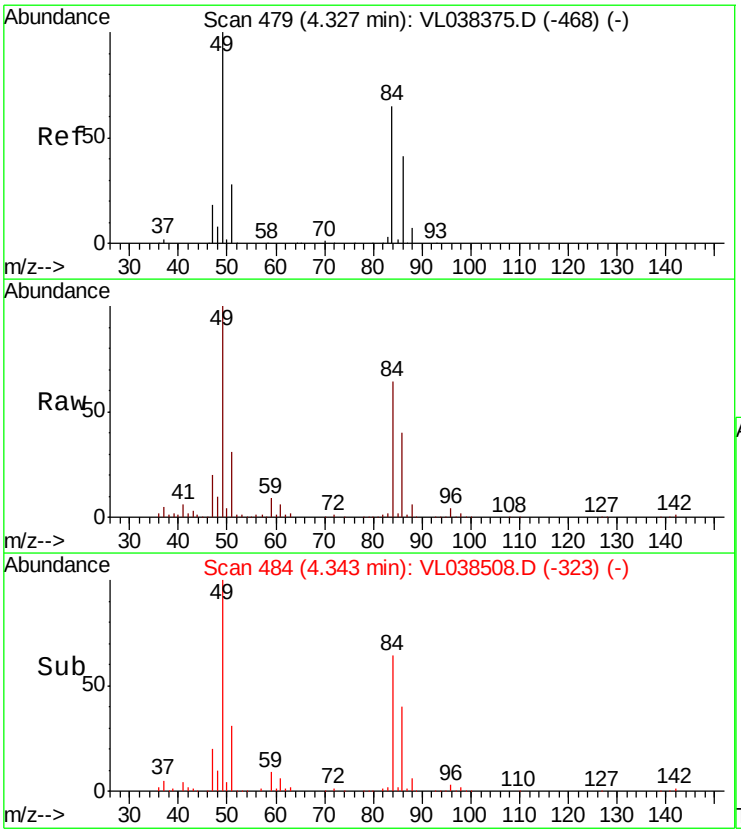
#19
Isopropyl Alcohol
Concen: 9.506 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 406298

Ion	Ratio	Lower	Upper
45	100		
58	2.8	1.8	2.8#

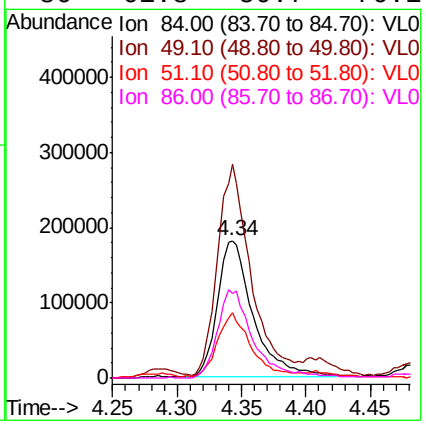


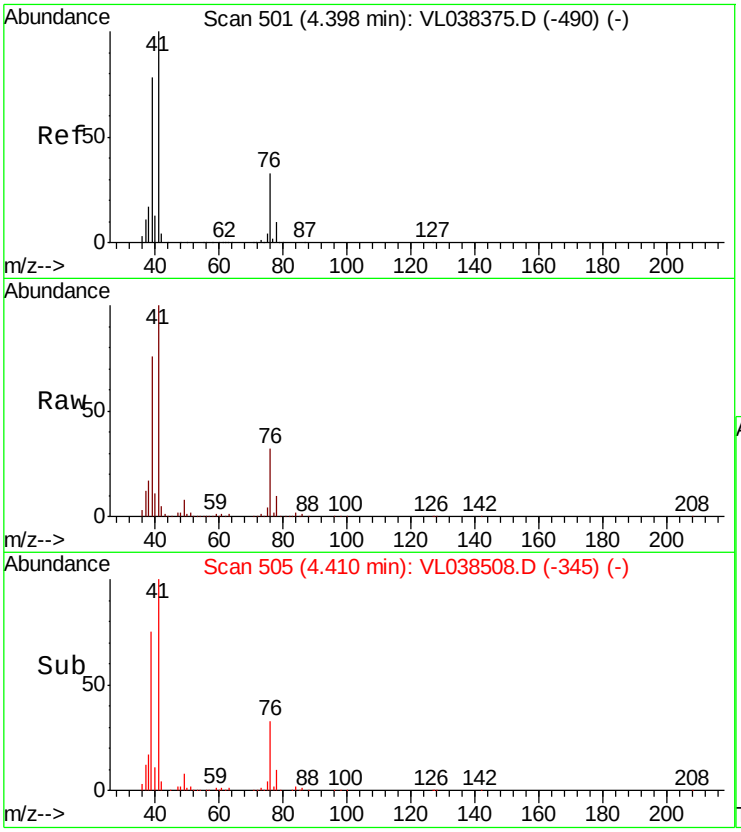


#20
Methylene Chloride
Concen: 9.611 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 84 Resp: 351476

Ion	Ratio	Lower	Upper
84	100		
49	153.3	122.4	183.6
51	46.1	33.3	49.9
86	61.8	50.7	76.1



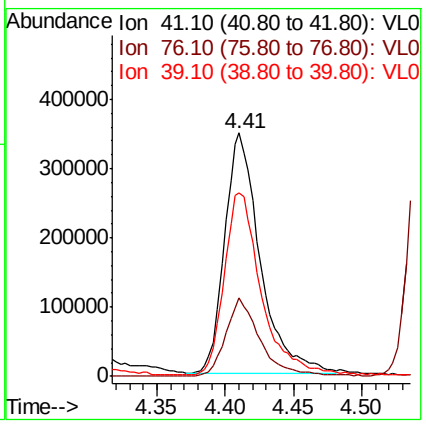


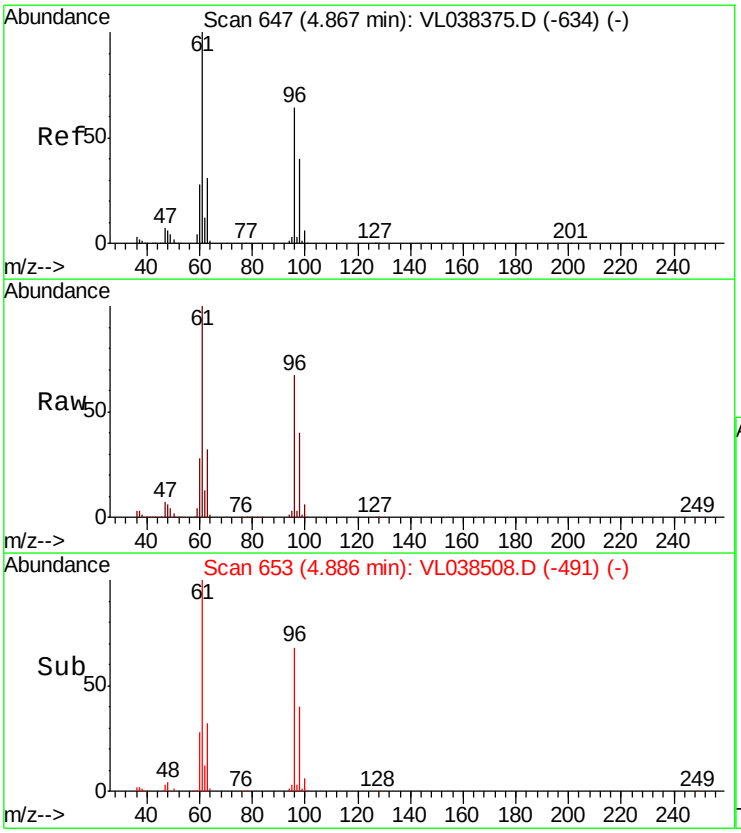
#21
Allyl Chloride
Concen: 10.132 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 631668

Ion	Ratio	Lower	Upper
41	100		
76	31.6	25.4	38.0
39	78.8	63.0	94.6

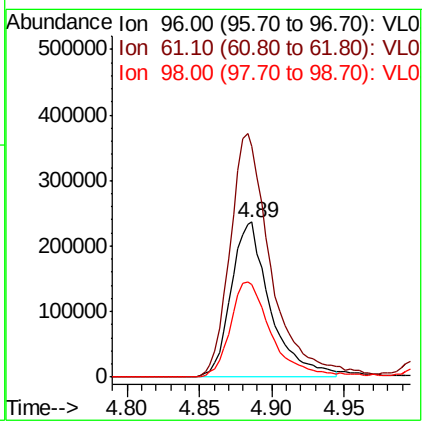


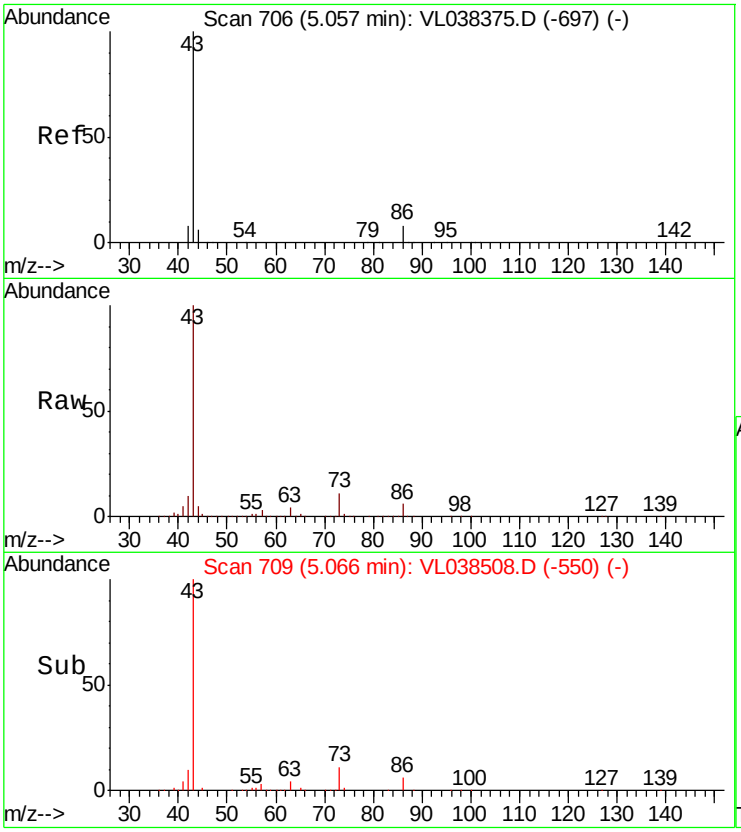


#22
trans-1,2-Dichloroethene
Concen: 10.373 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 96 Resp: 443374

Ion	Ratio	Lower	Upper
96	100		
61	148.8	124.2	186.4
98	59.8	49.1	73.7



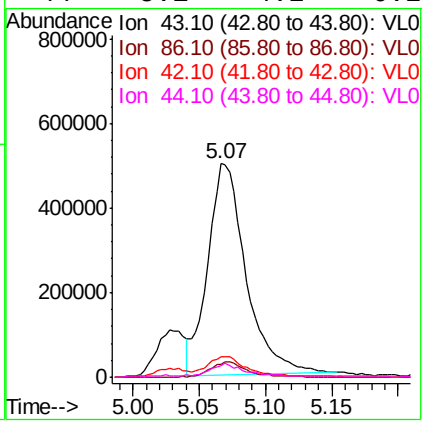


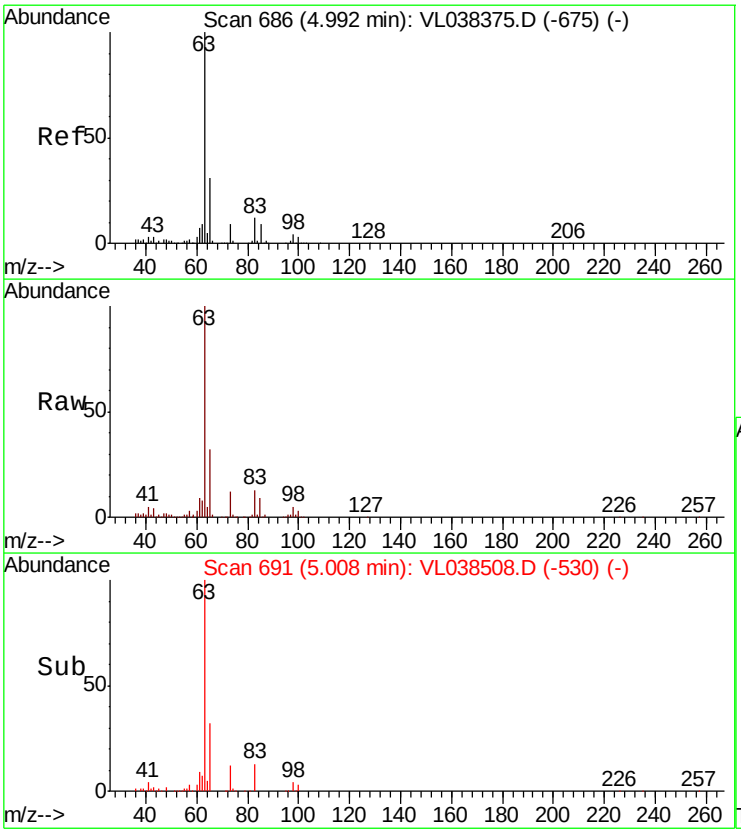
#23
Vinyl Acetate
Concen: 10.277 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1005274

Ion	Ratio	Lower	Upper
43	100		
86	6.1	5.8	8.6
42	9.6	7.4	11.0
44	5.1	4.2	6.2

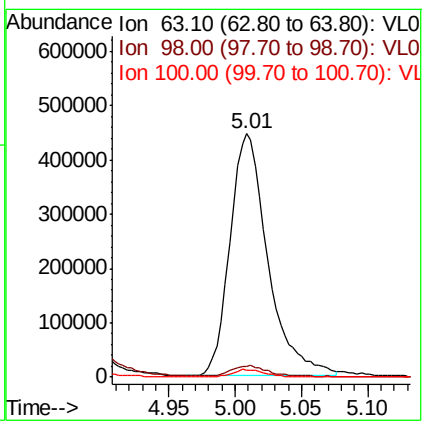


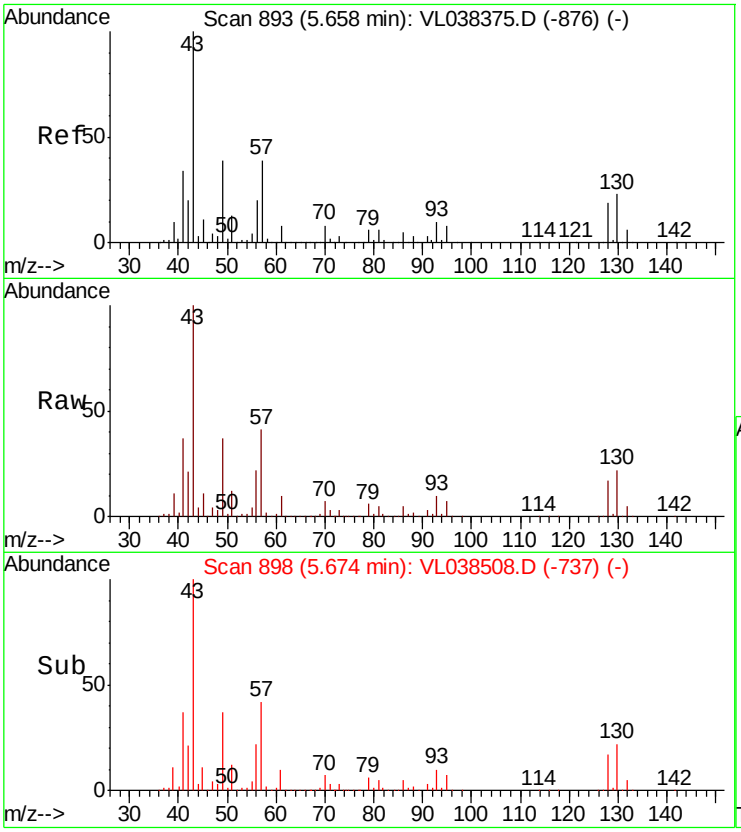


#24
1,1-Dichloroethane
Concen: 10.101 ppbv
RT: 5.01 min Scan# 691
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 63 Resp: 888295

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.5
100	2.9	1.4	4.2



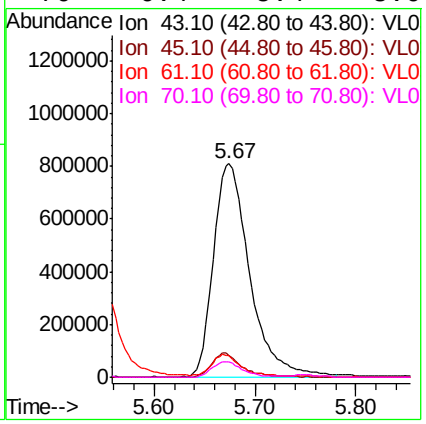


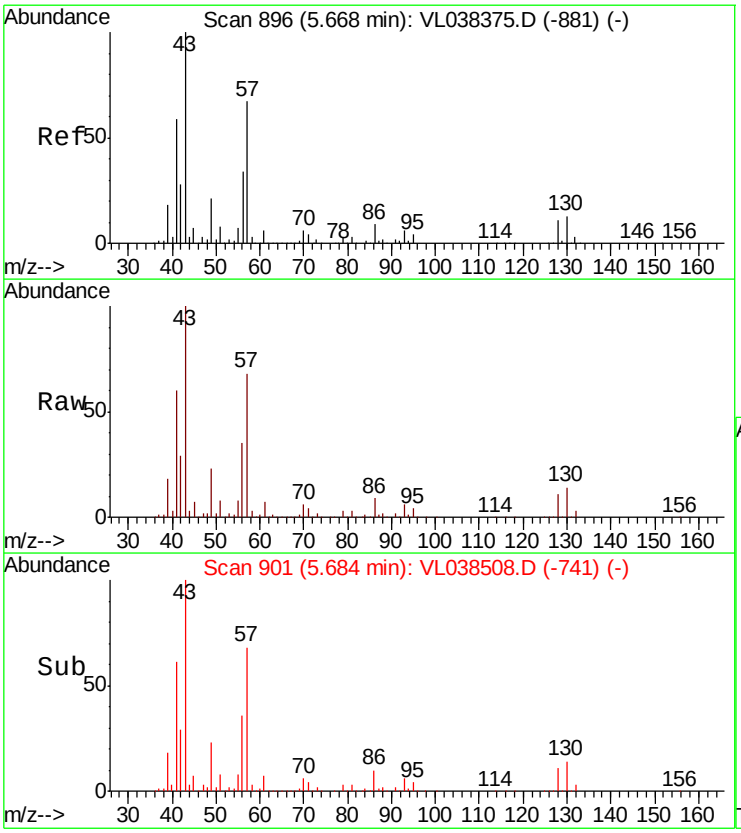
#25
Ethyl Acetate
Concen: 10.163 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2015414

Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.8	11.6
61	9.2	7.5	11.3
70	6.4	5.4	8.0

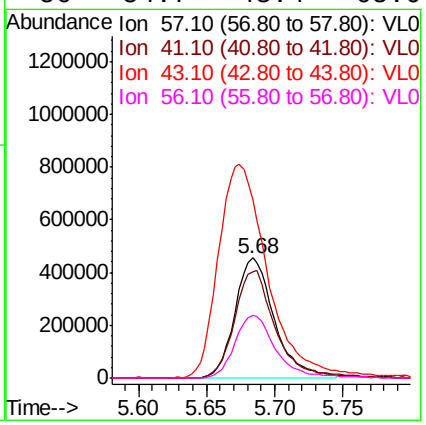


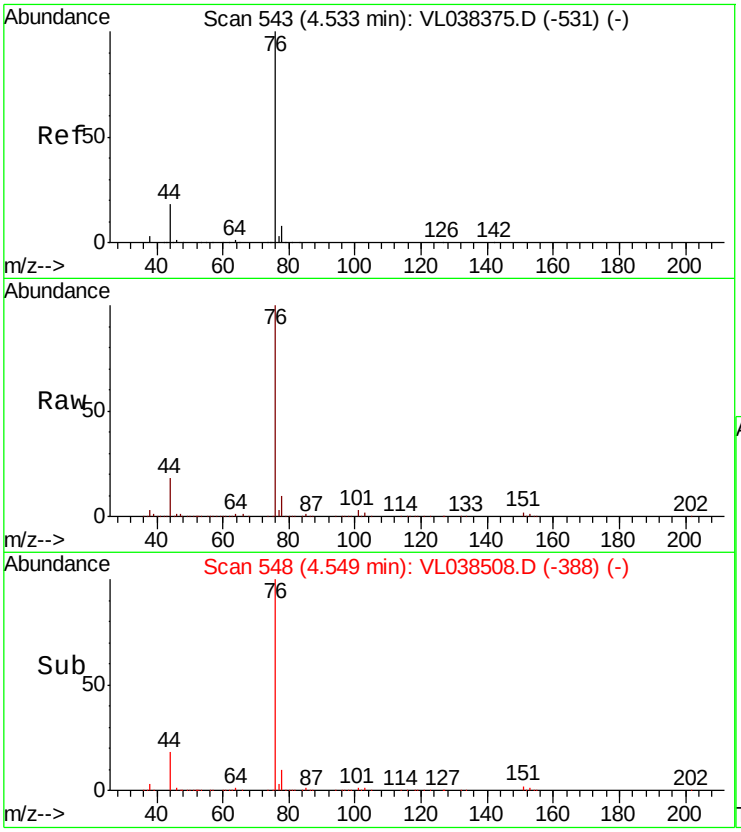


#26
Hexane
Concen: 10.141 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 57 Resp: 910645

Ion	Ratio	Lower	Upper
57	100		
41	93.8	73.1	109.7
43	224.3	181.0	271.4
56	54.7	43.4	65.0



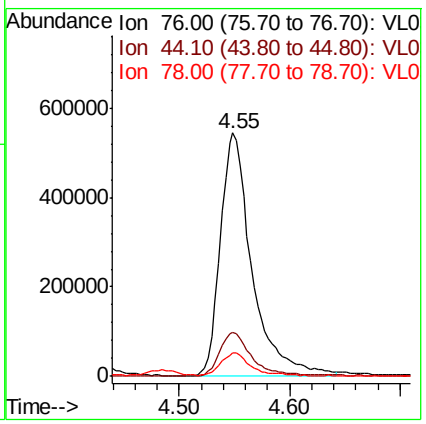


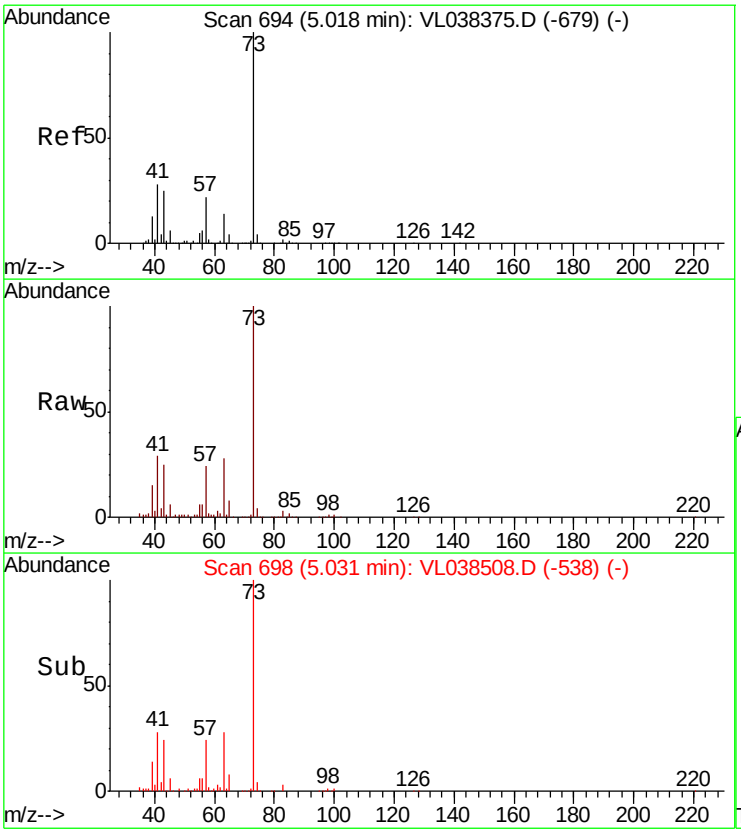
#27
Carbon Disulfide
Concen: 10.822 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1080969

Ion	Ratio	Lower	Upper
76	100		
44	18.9	14.2	21.2
78	9.6	7.8	11.6

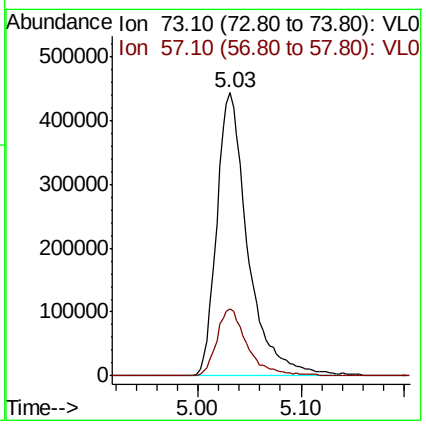


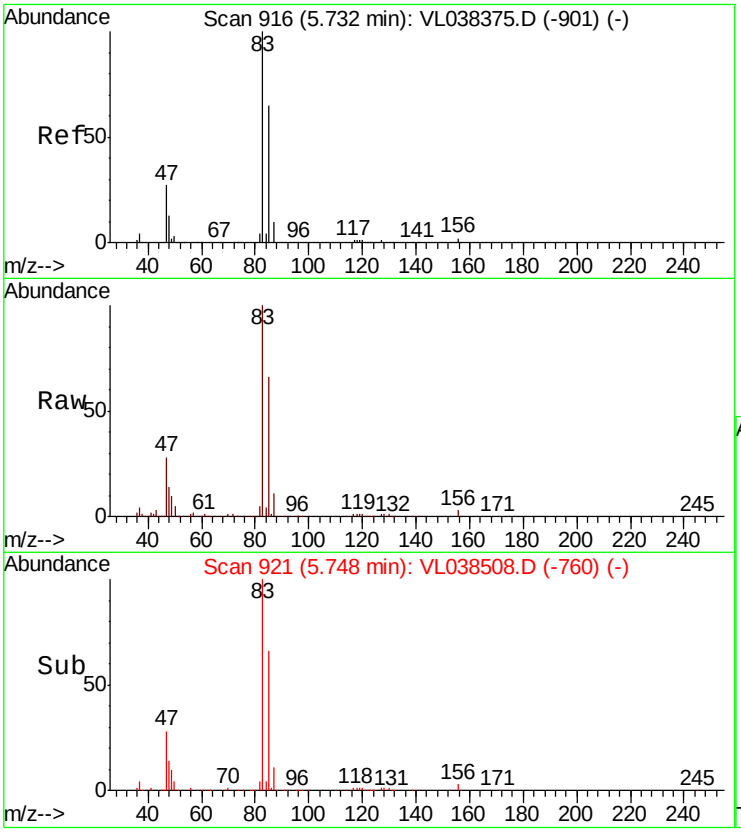


#28
Methyl tert-Butyl Ether
Concen: 10.157 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.01 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 73 Resp: 929066

Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.2	27.4



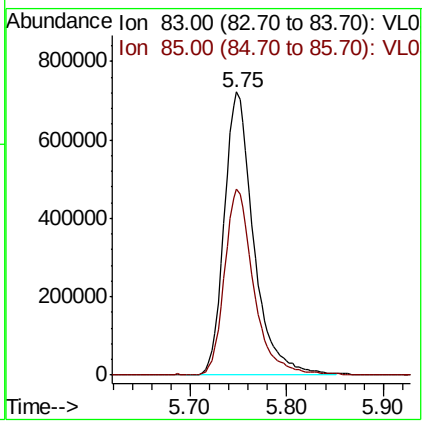


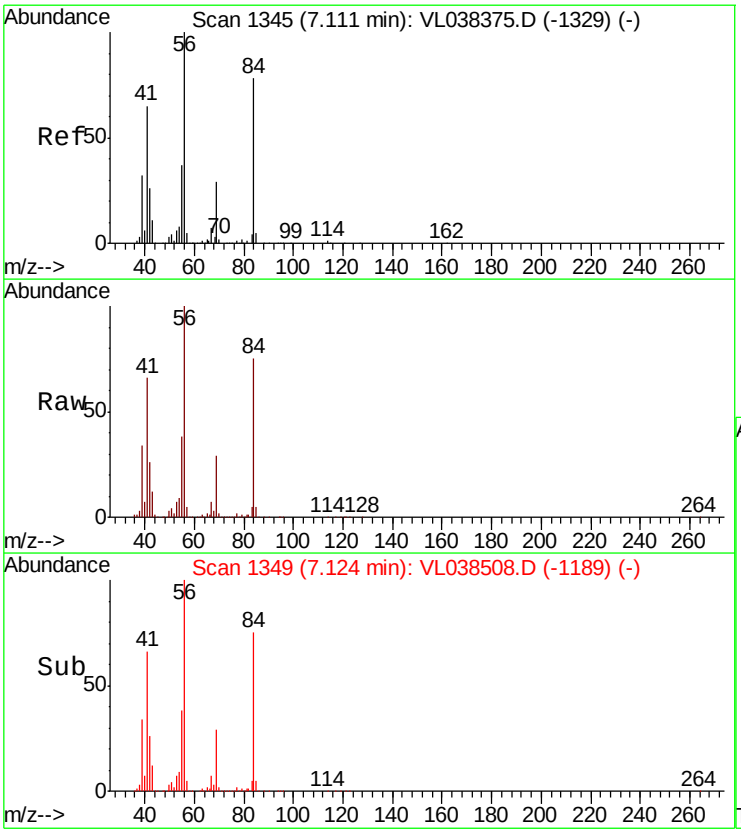
#29
Chloroform
Concen: 10.409 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1525553

Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.6	77.4

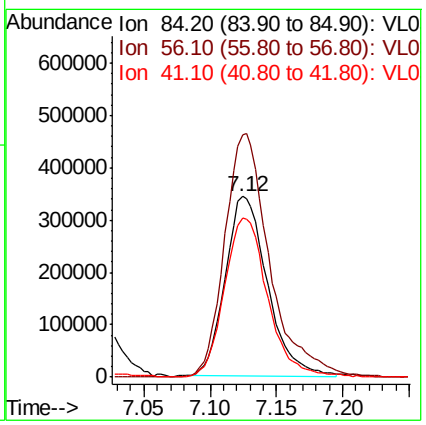


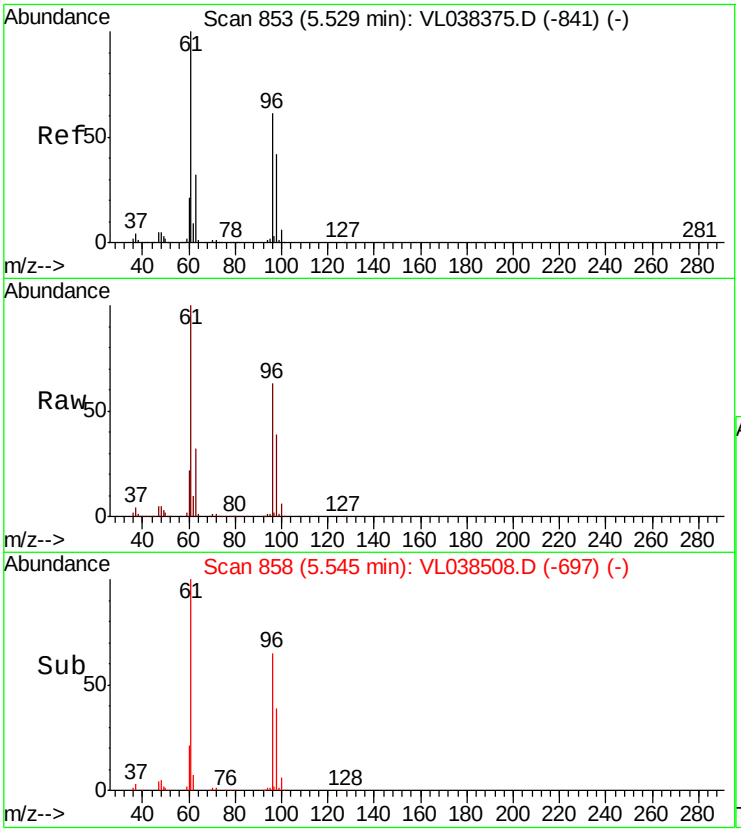


#30
Cyclohexane
Concen: 10.368 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. 0.01 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 84 Resp: 761480

Ion	Ratio	Lower	Upper
84	100		
56	145.1	116.2	174.4
41	90.5	74.3	111.5



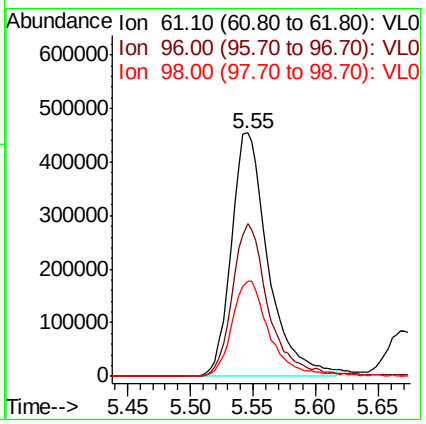


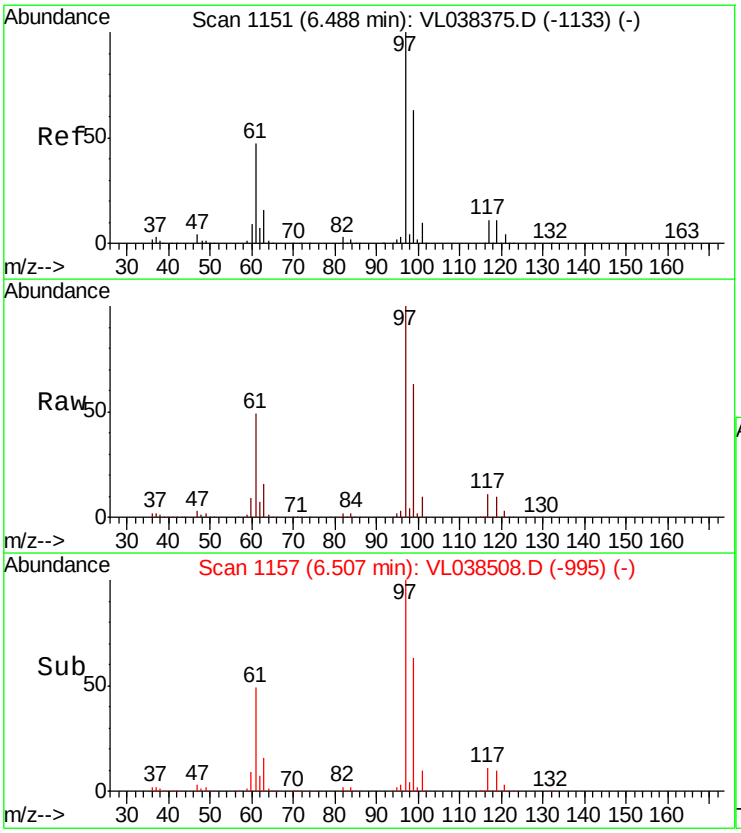
#31
cis-1,2-Dichloroethene
Concen: 10.588 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 921164

Ion	Ratio	Lower	Upper
61	100		
96	62.7	48.6	73.0
98	39.1	33.2	49.8

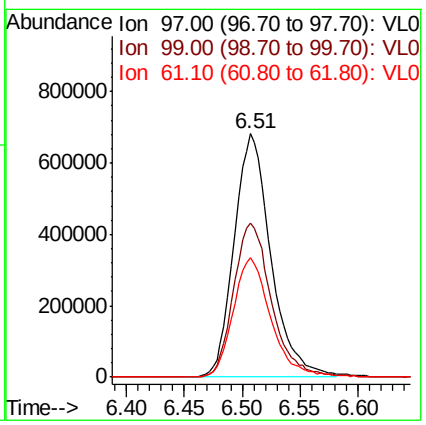


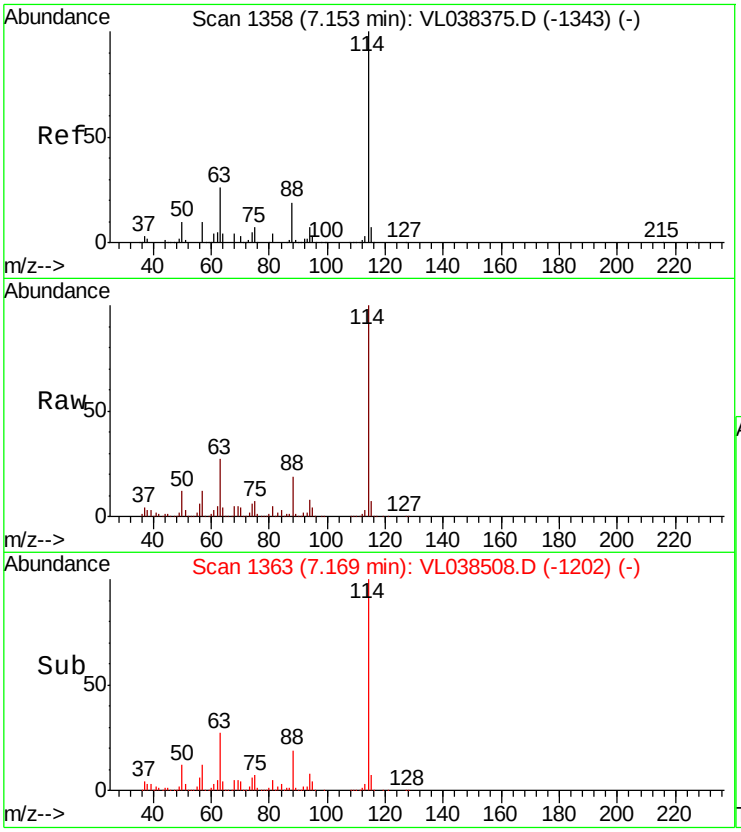


#32
1,1,1-Trichloroethane
Concen: 10.194 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 97 Resp: 1502532

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.9	77.9
61	50.2	40.5	60.7



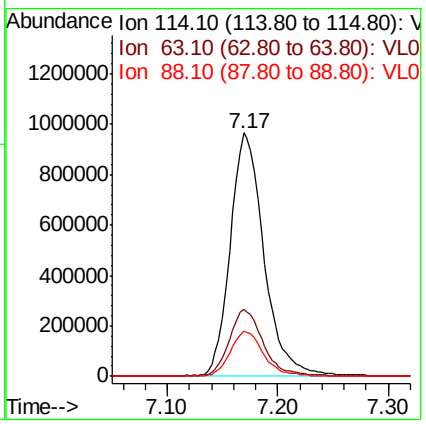


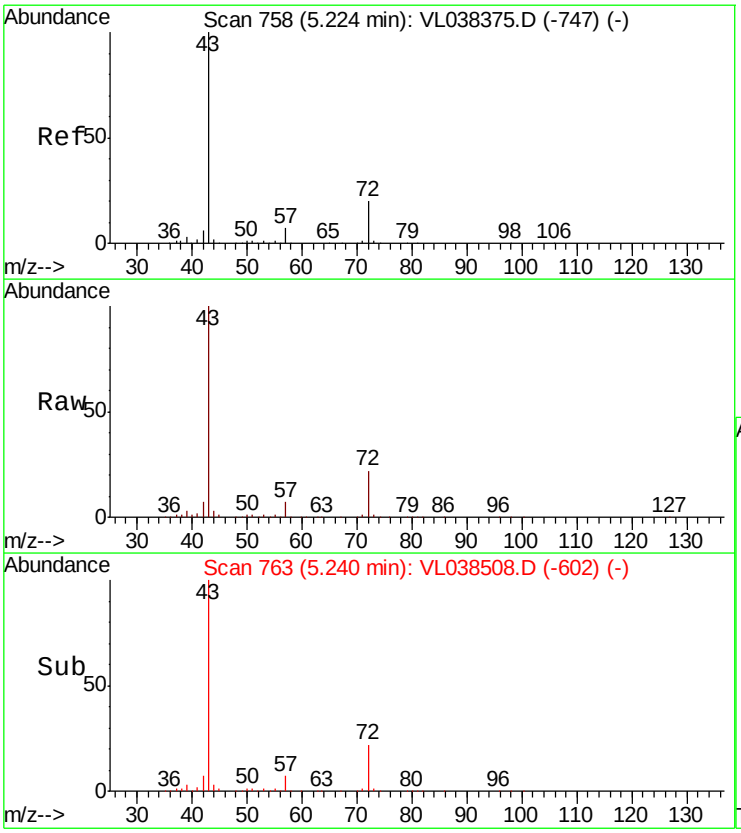
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2046495

Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.2	33.2
88	18.7	15.2	22.8

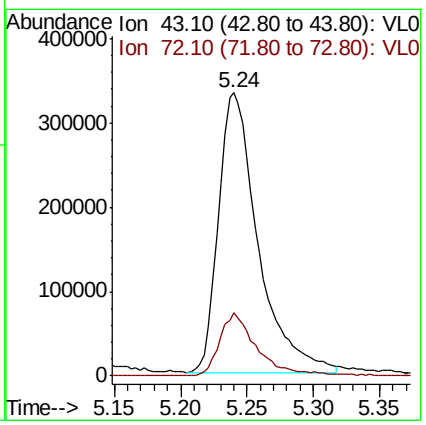


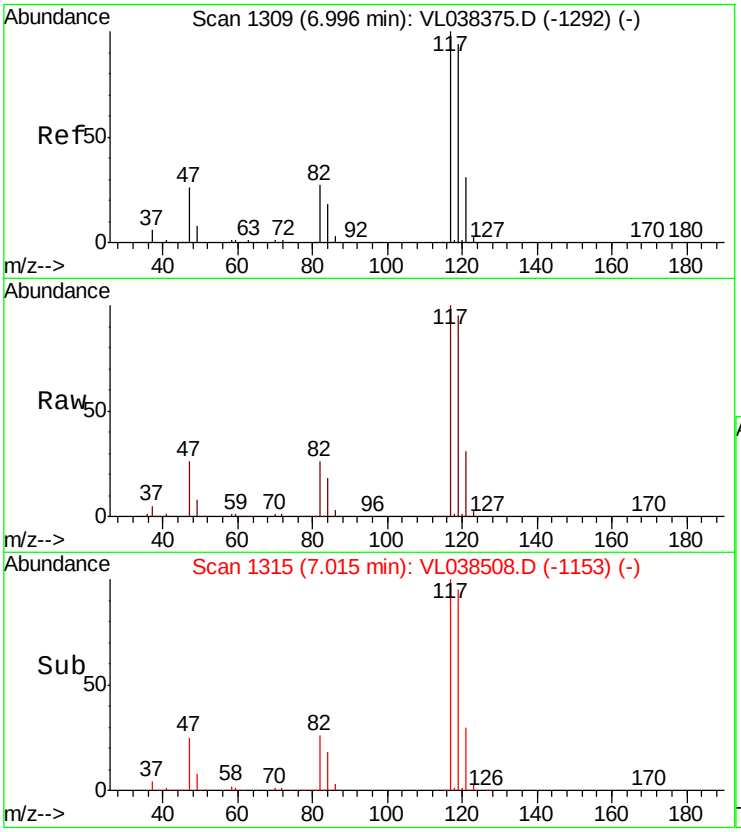


#34
2-Butanone
Concen: 10.720 ppbv
RT: 5.24 min Scan# 763
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 43 Resp: 689973

Ion	Ratio	Lower	Upper
43	100		
72	21.8	17.4	26.2



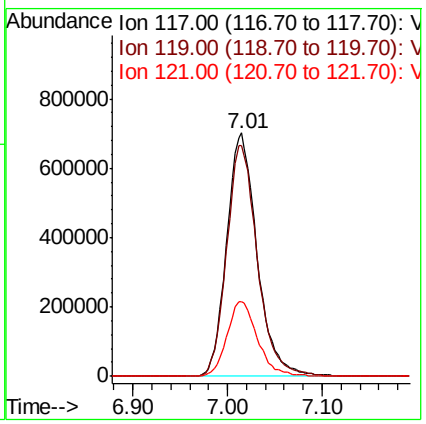


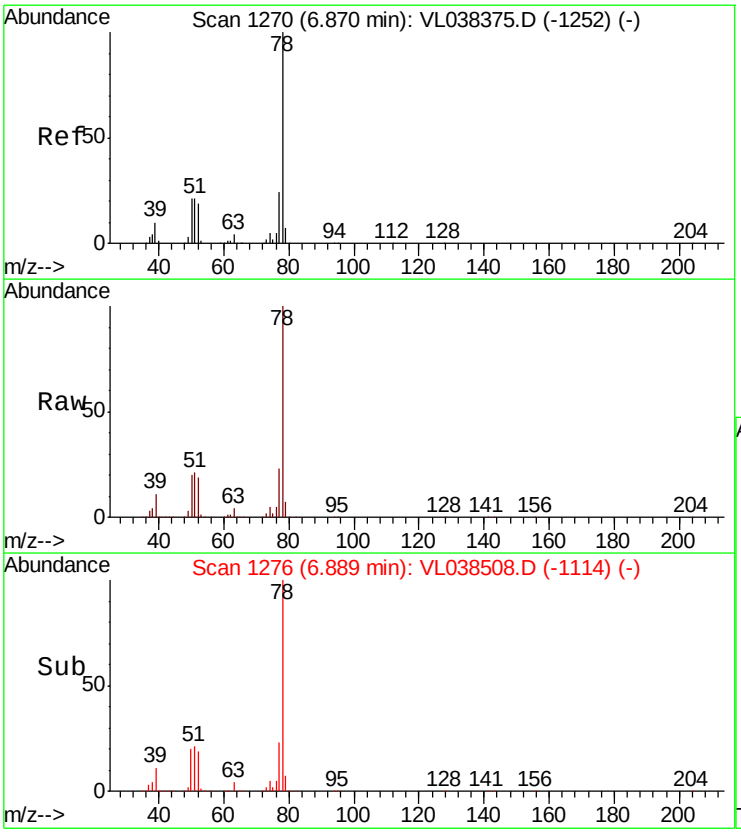
#35
Carbon Tetrachloride
Concen: 10.886 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1566603

Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.9	112.3
121	30.7	24.8	37.2

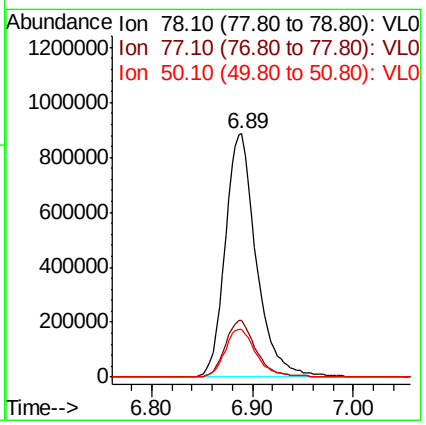


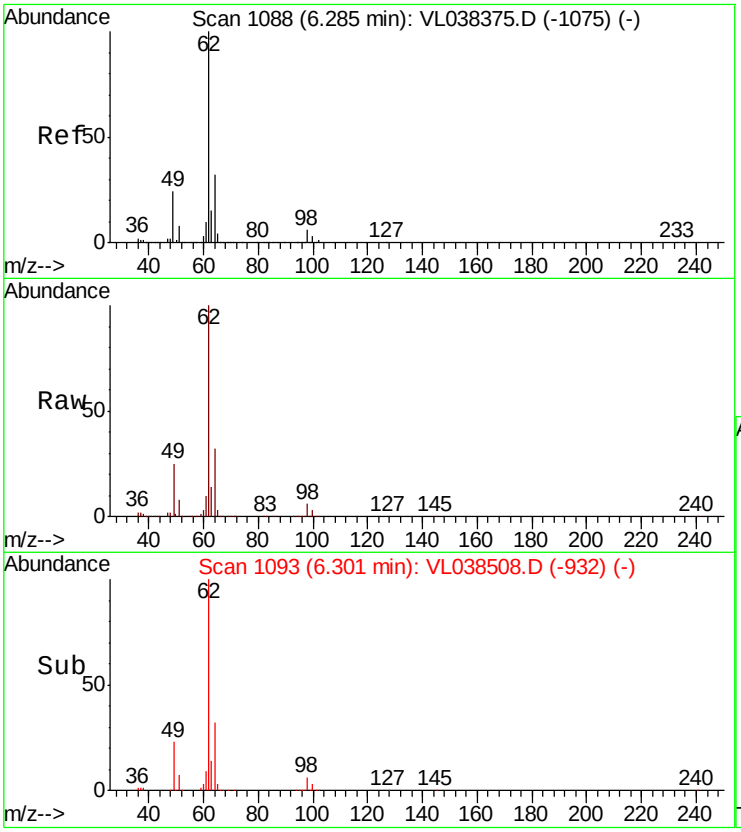


#36
Benzene
Concen: 10.555 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 78 Resp: 1901634

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.6
50	19.7	16.6	24.8



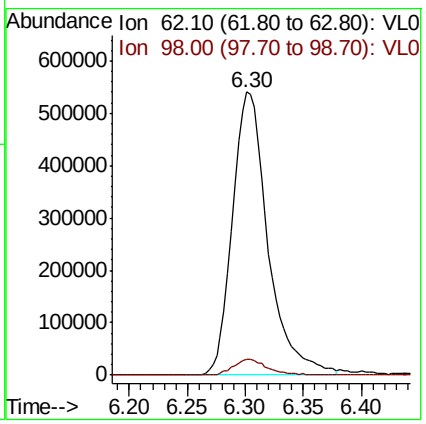


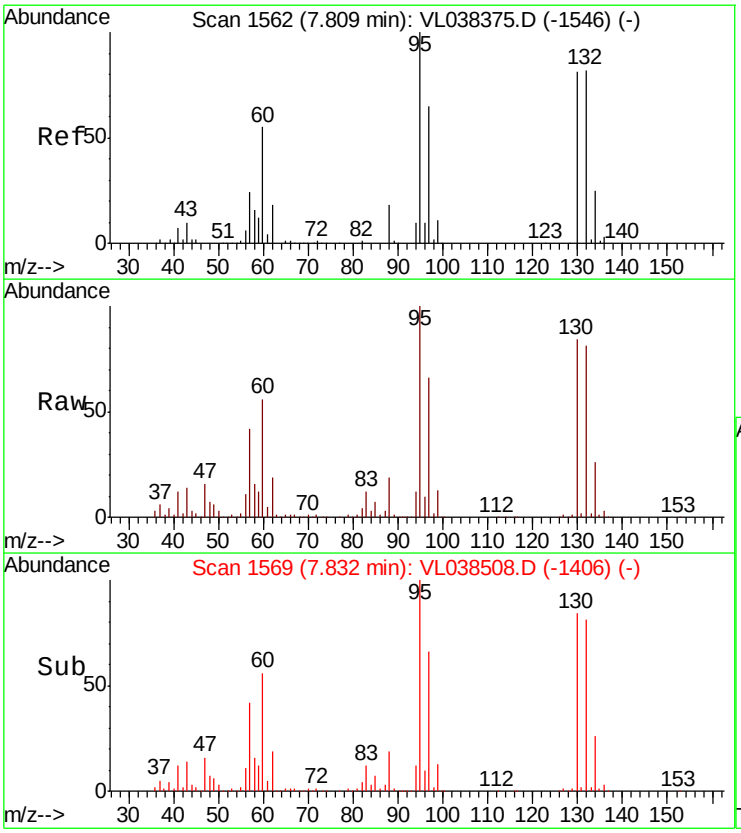
#37
1,2-Dichloroethane
Concen: 11.017 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1147012

Ion	Ratio	Lower	Upper
62	100		
98	5.6	4.6	7.0

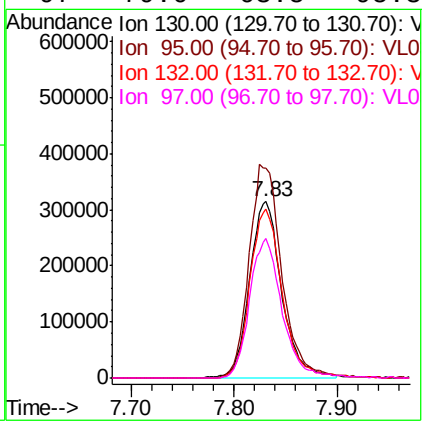


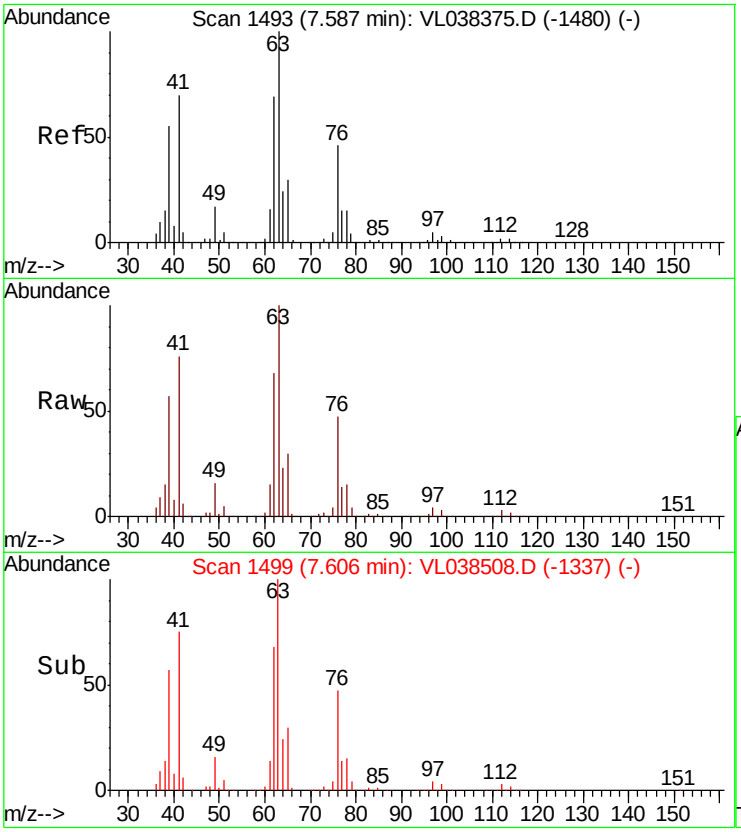


#38
Trichloroethene
Concen: 10.358 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:130 Resp: 679726

Ion	Ratio	Lower	Upper
130	100		
95	119.0	98.1	147.1
132	96.0	80.3	120.5
97	79.0	63.5	95.3



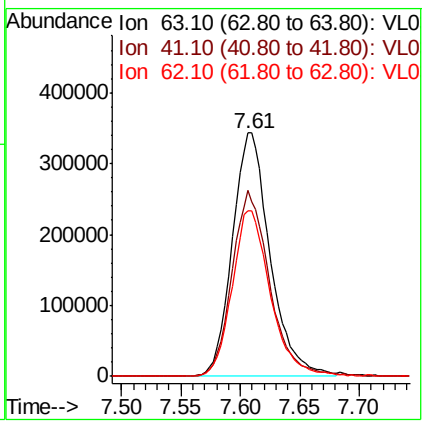


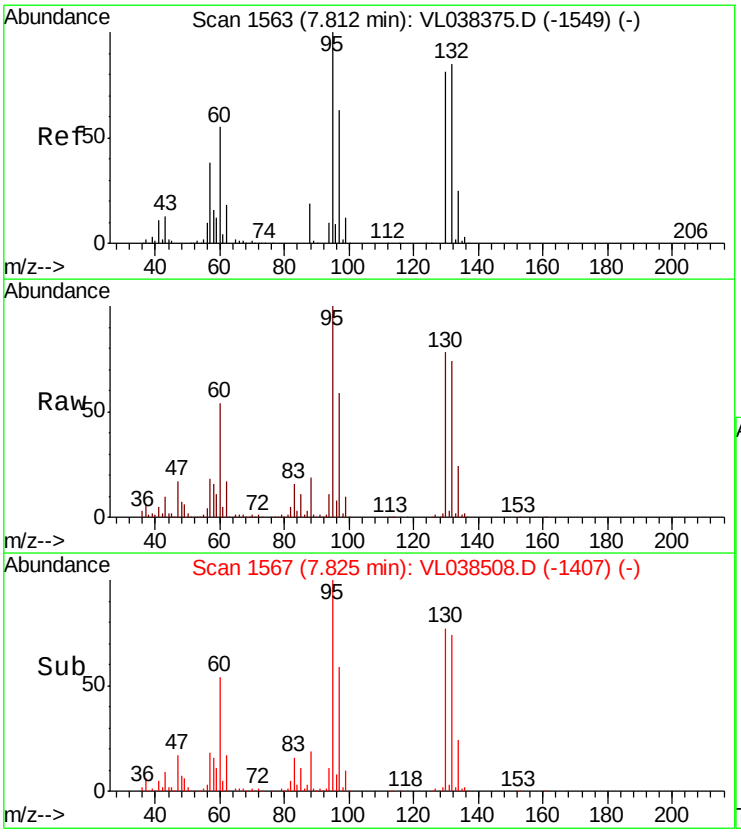
#39
1,2-Dichloropropane
Concen: 10.523 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 755100

Ion	Ratio	Lower	Upper
63	100		
41	76.2	56.1	84.1
62	68.1	55.5	83.3

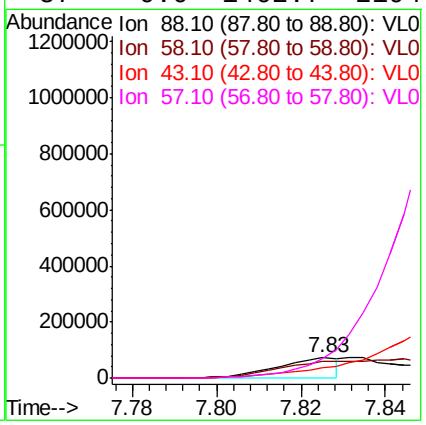


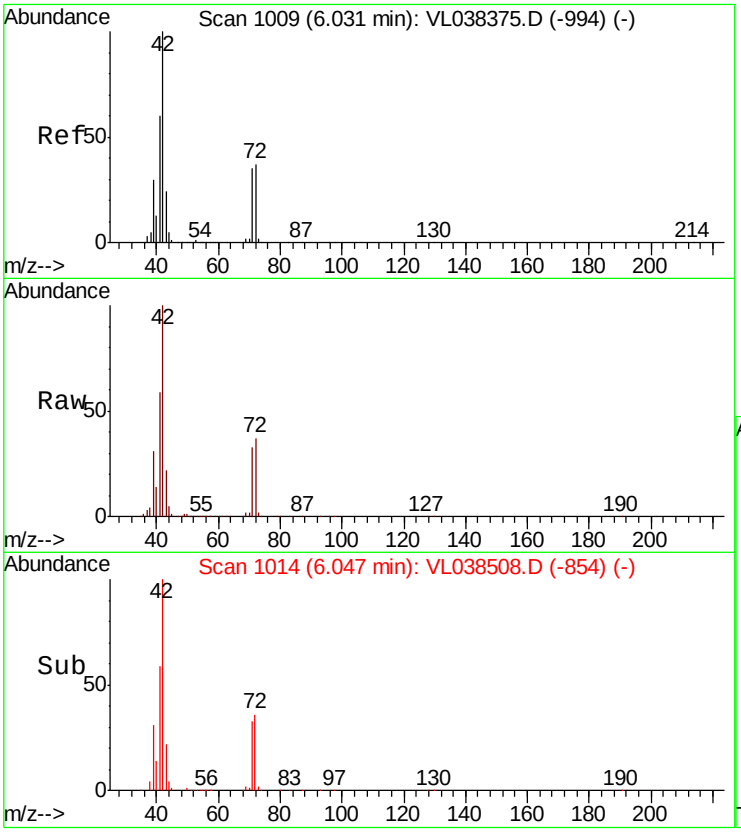


#40
1,4-Dioxane
Concen: 4.210 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 88 Resp: 71661

Ion	Ratio	Lower	Upper
88	100		
58	0.0	133.2	199.8#
43	0.0	330.6	496.0#
57	0.0	1462.7	2194.1#



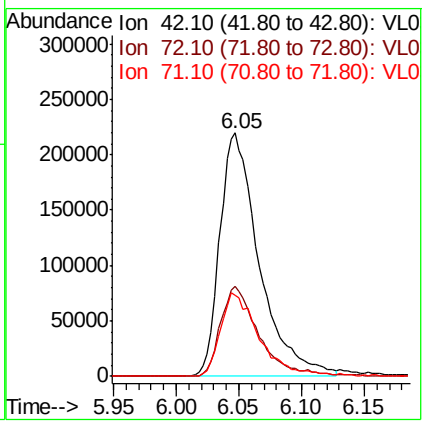


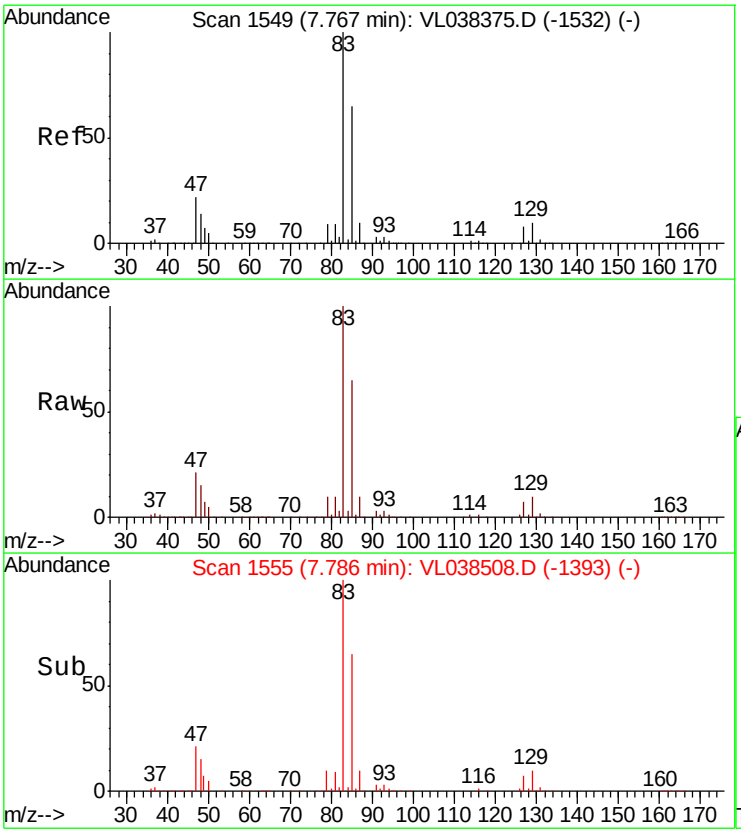
#41
Tetrahydrofuran
Concen: 10.955 ppbv
RT: 6.05
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 476423

Ion	Ratio	Lower	Upper
42	100		
72	36.1	29.9	44.9
71	34.4	28.6	42.8

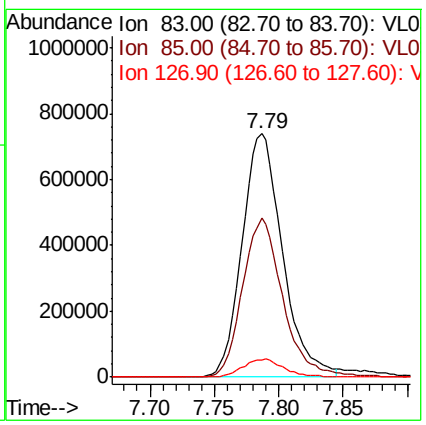


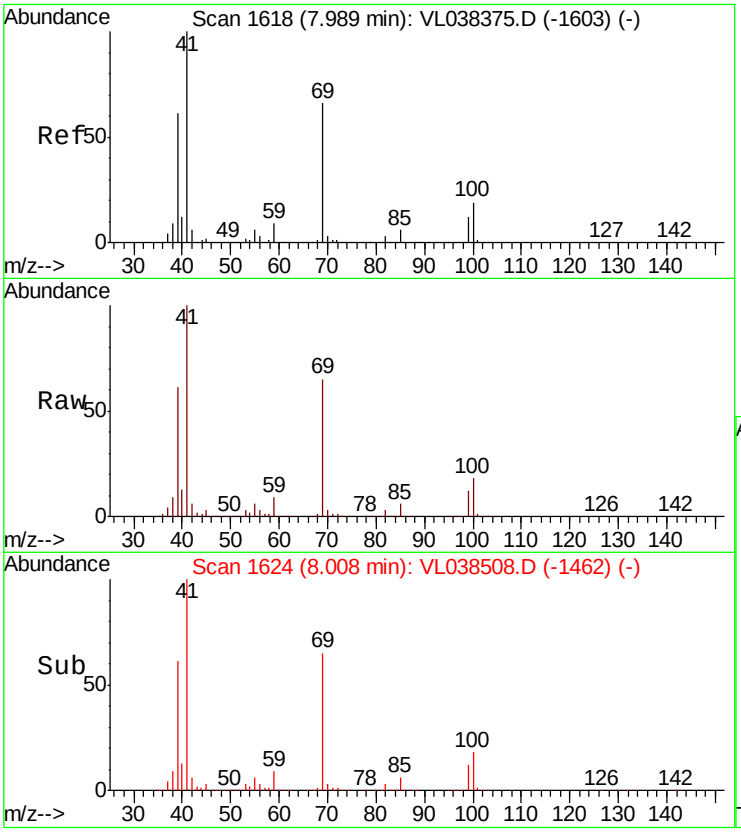


#42
Bromodichloromethane
Concen: 10.758 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 83 Resp: 1617338

Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.4
127	7.2	6.2	9.4



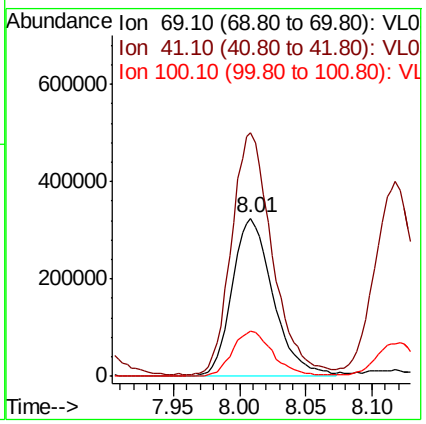


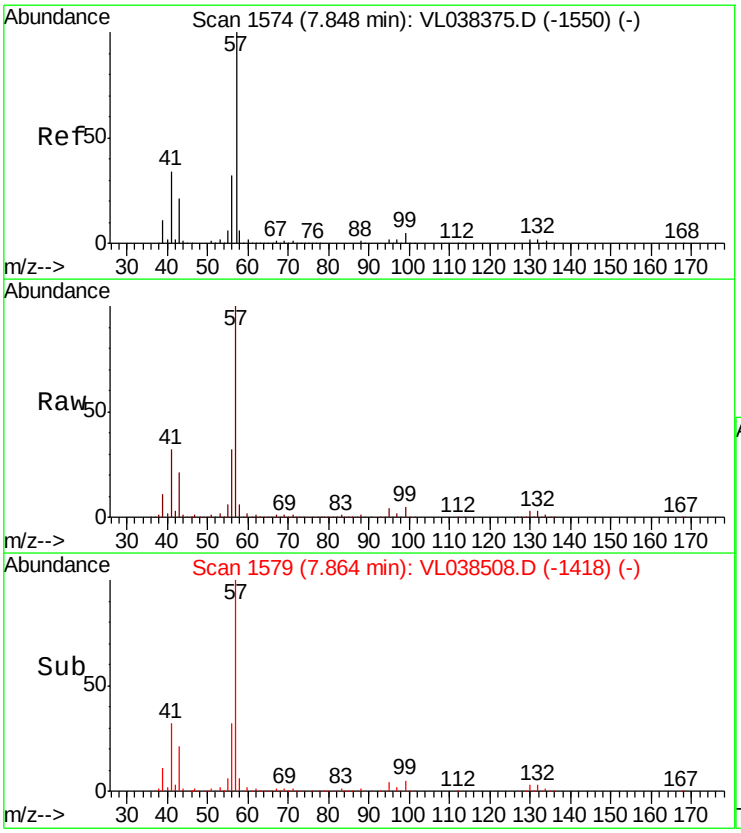
#43
Methyl Methacrylate
Concen: 11.121 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 696528

Ion	Ratio	Lower	Upper
69	100		
41	154.9	122.9	184.3
100	28.7	23.6	35.4

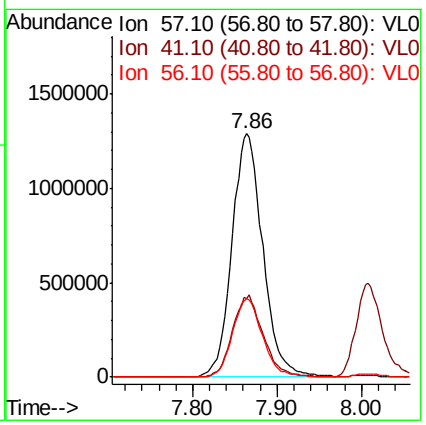


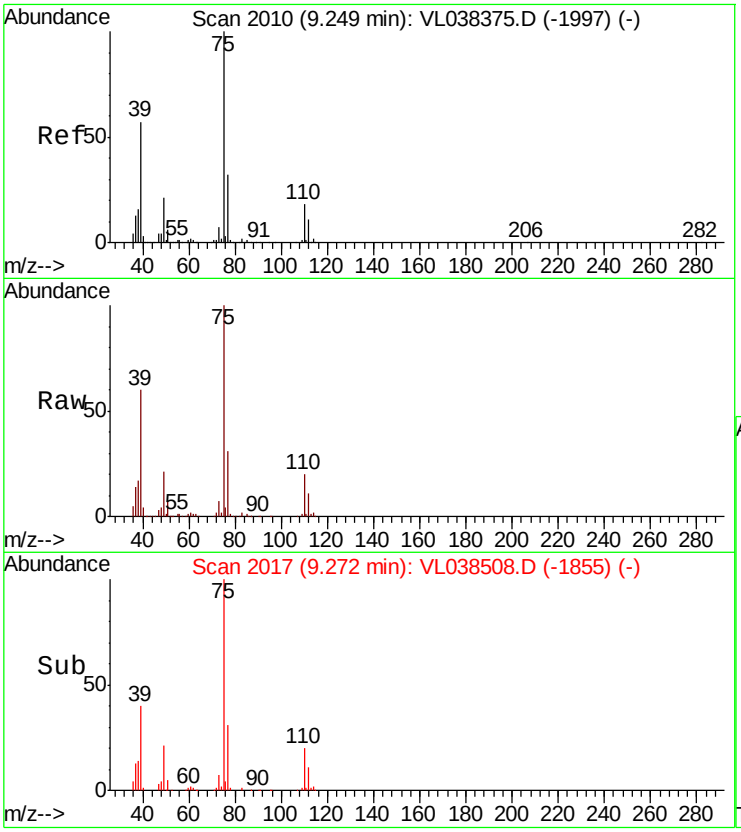


#44
2,2,4-Trimethylpentane
Concen: 10.618 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 57 Resp: 3287969

Ion	Ratio	Lower	Upper
57	100		
41	33.3	26.6	39.8
56	31.5	25.0	37.6



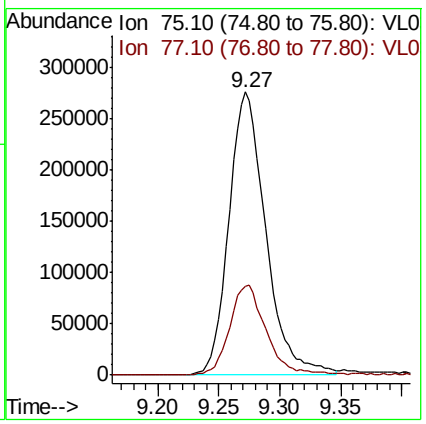


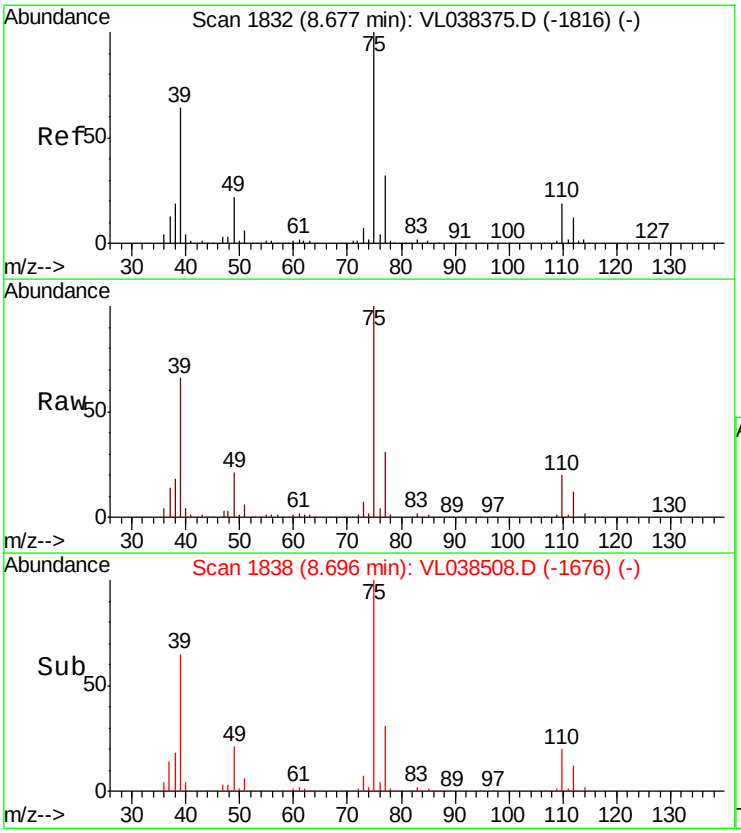
#45
t-1,3-Dichloropropene
Concen: 11.576 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 579424

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.0

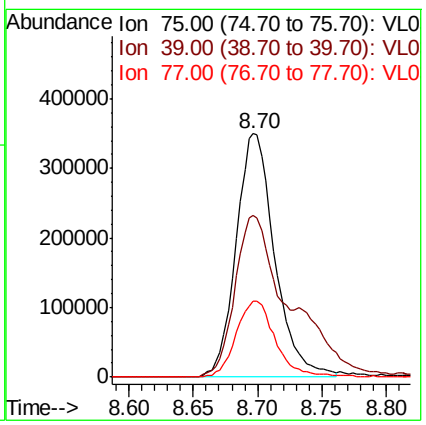


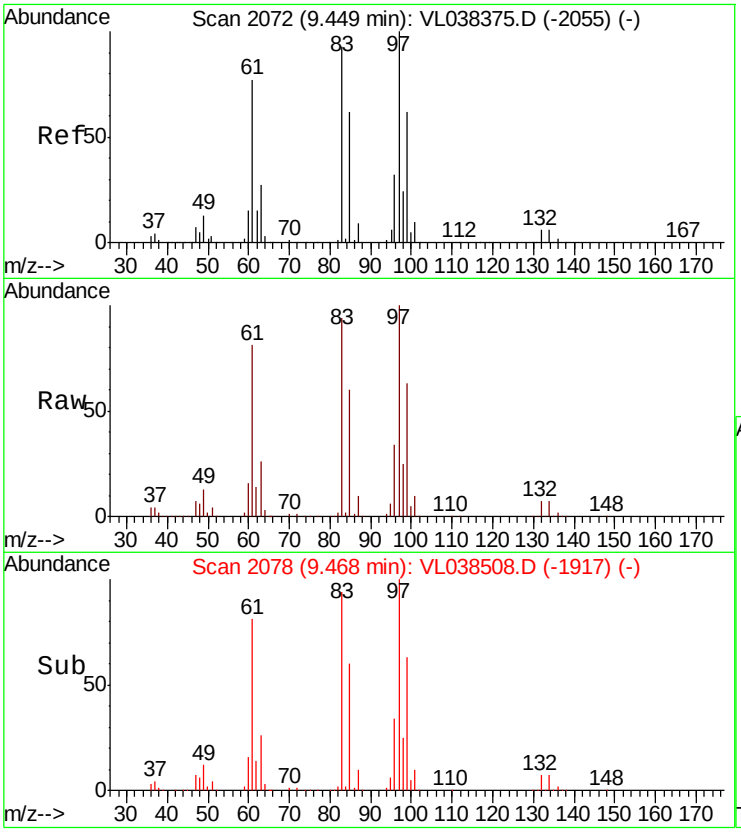


#46
cis-1,3-Dichloropropene
Concen: 11.104 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 75 Resp: 728462

Ion	Ratio	Lower	Upper
75	100		
39	66.2	51.4	77.2
77	31.1	25.4	38.2



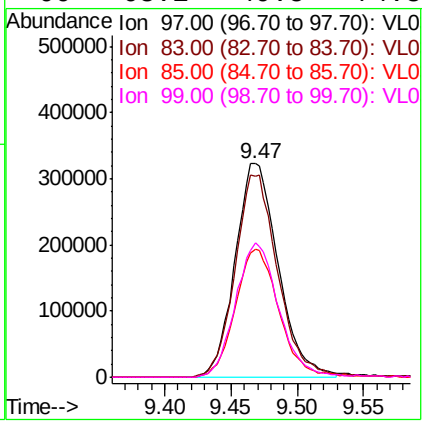


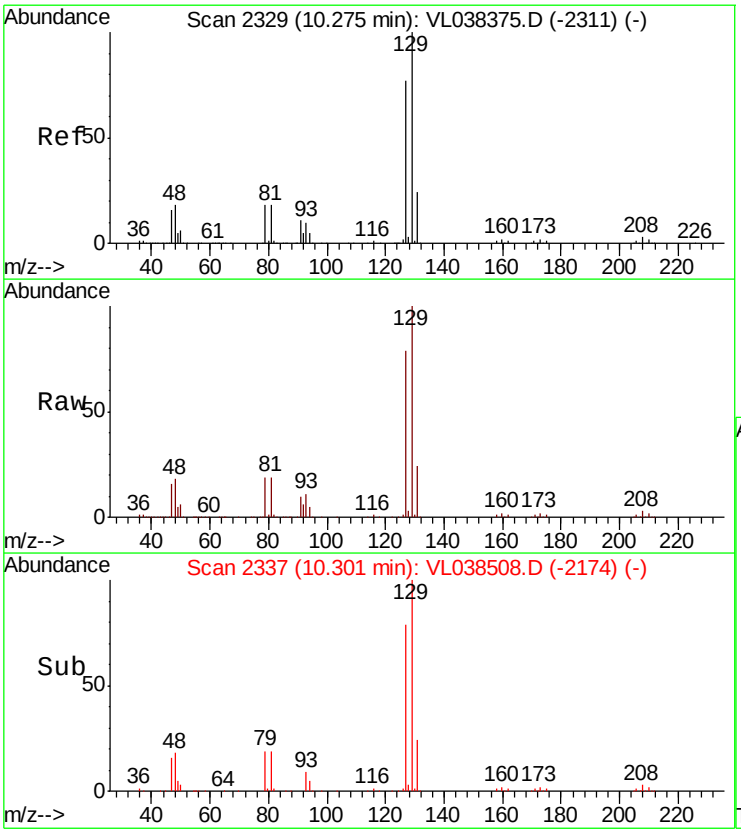
#47
1,1,2-Trichloroethane
Concen: 10.242 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 731182

Ion	Ratio	Lower	Upper
97	100		
83	93.8	74.2	111.4
85	59.6	49.8	74.8
99	63.1	49.5	74.3

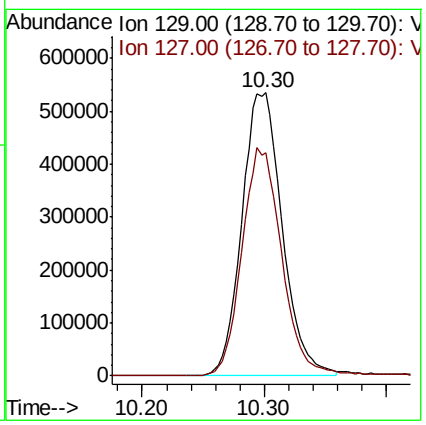


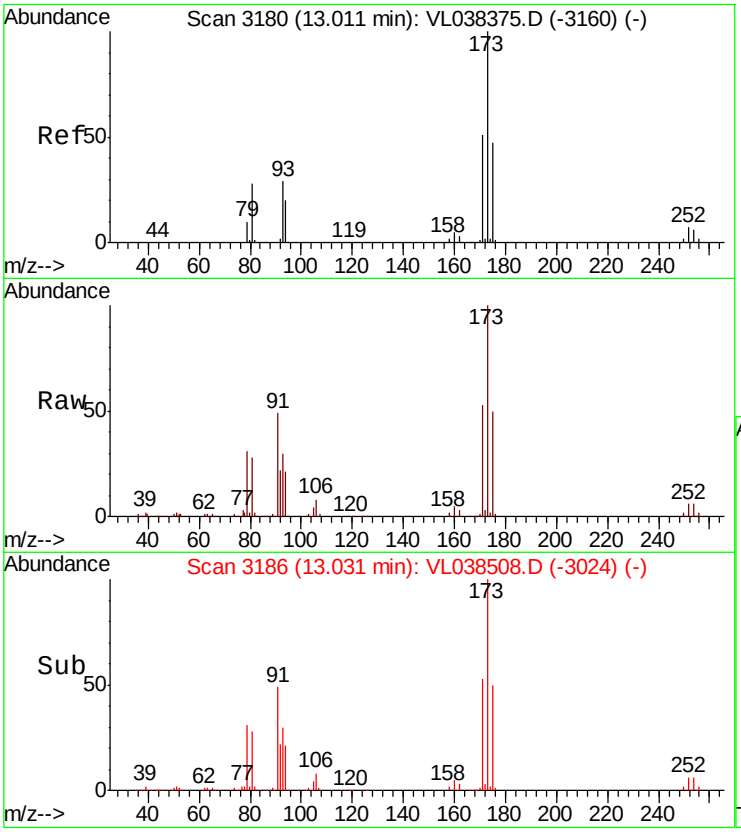


#48
Dibromochloromethane
Concen: 10.489 ppbv
RT: 10.30 min Scan# 2337
Delta R.T. 0.03 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:129 Resp: 1224505

Ion	Ratio	Lower	Upper
129	100		
127	80.0	39.4	118.1



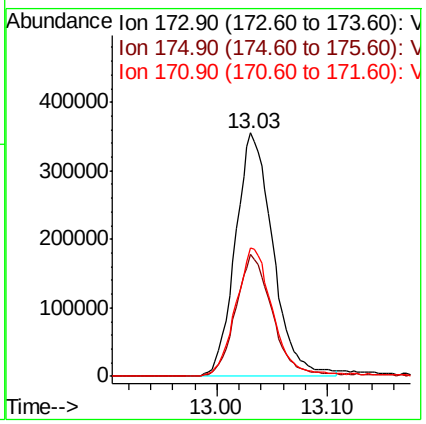


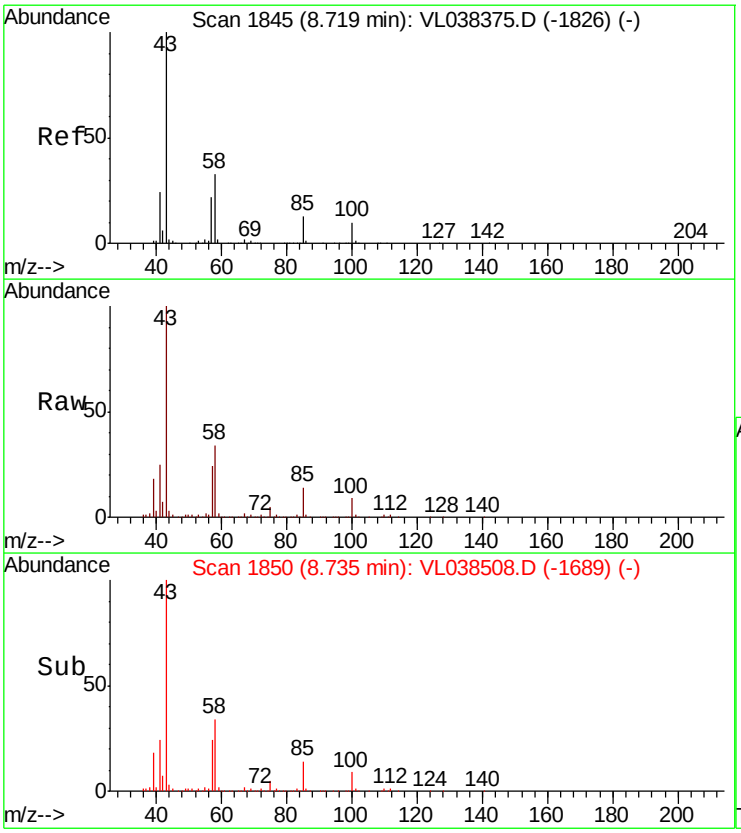
#49
Bromoform
Concen: 9.723 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 837848

Ion	Ratio	Lower	Upper
173	100		
175	50.1	40.2	60.2
171	53.4	42.7	64.1

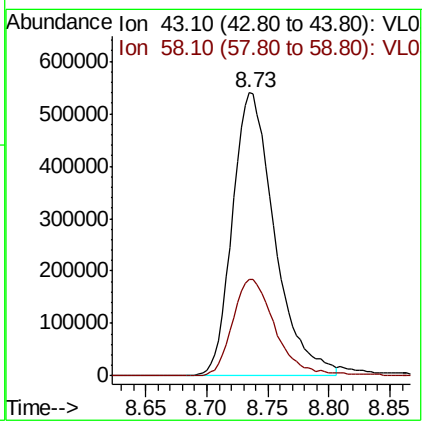


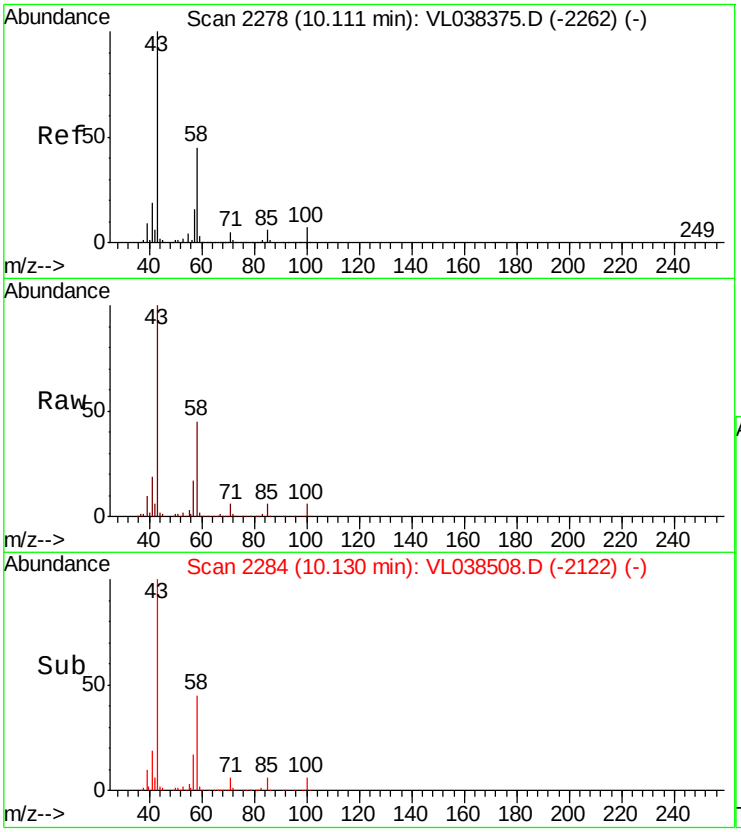


#50
4-Methyl-2-Pentanone
Concen: 11.382 ppbv
RT: 8.73 min Scan# 1850
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 43 Resp: 1295205

Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.7	41.5



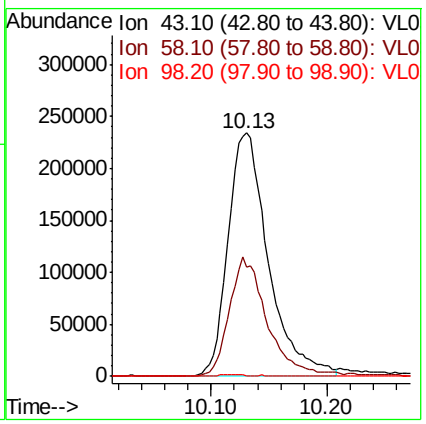


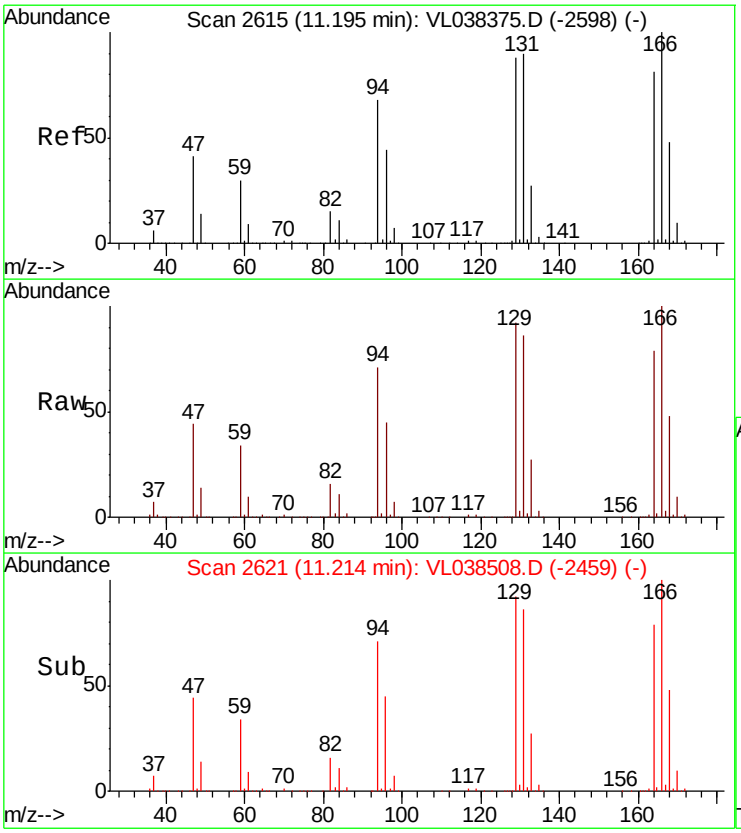
#51
2-Hexanone
Concen: 11.067 ppbv
RT: 10.13
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 563853

Ion	Ratio	Lower	Upper
43	100		
58	46.8	37.4	56.0
98	0.6	0.1	0.1#

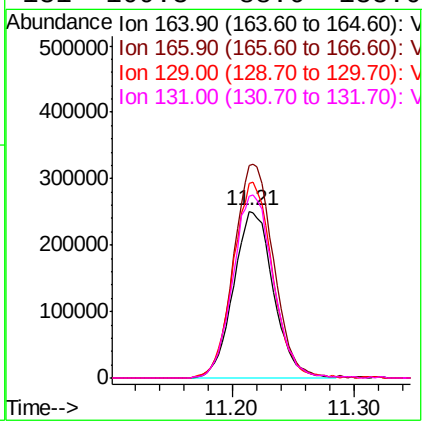


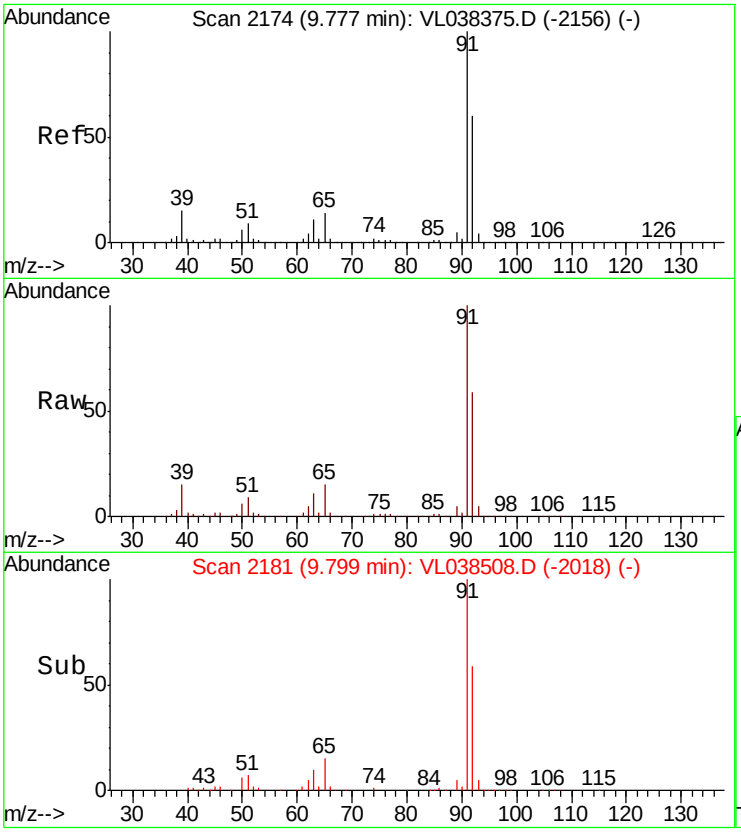


#52
Tetrachloroethene
Concen: 9.461 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:164 Resp: 565820

Ion	Ratio	Lower	Upper
164	100		
166	127.0	98.6	148.0
129	117.0	86.9	130.3
131	109.3	88.6	133.0



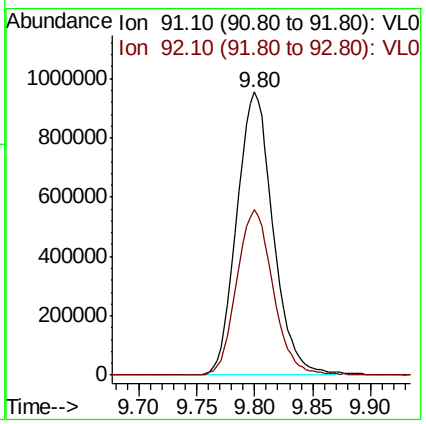


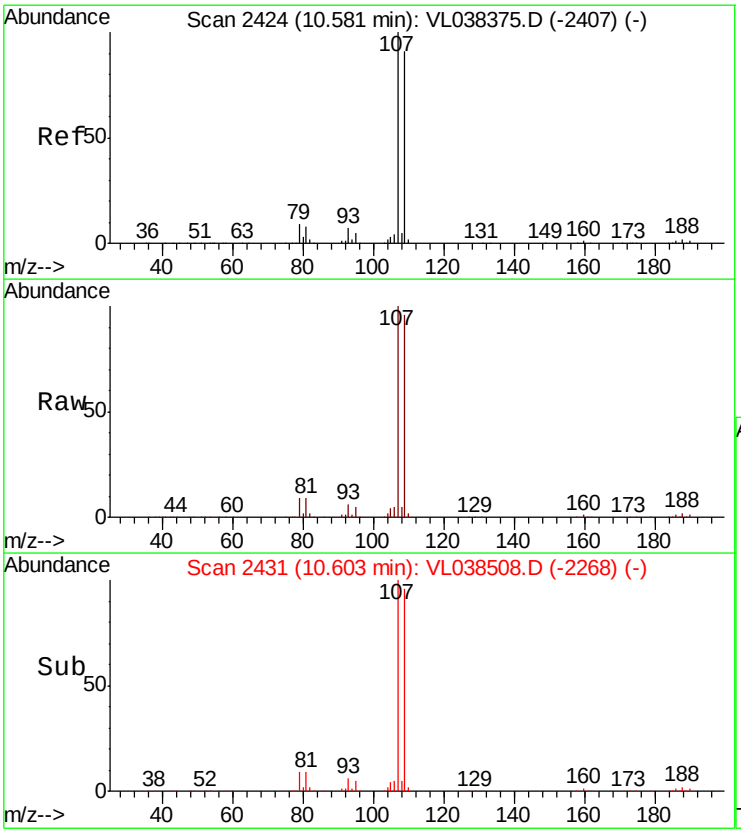
#53
Toluene
Concen: 10.639 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2081066

Ion	Ratio	Lower	Upper
91	100		
92	59.1	48.2	72.4

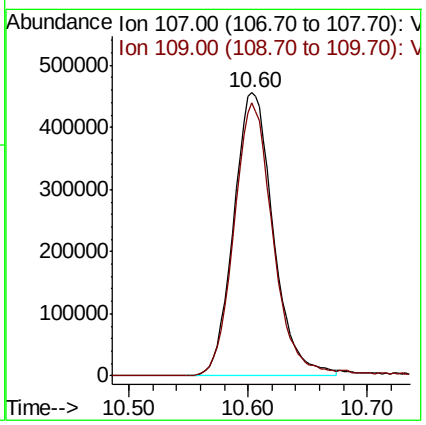


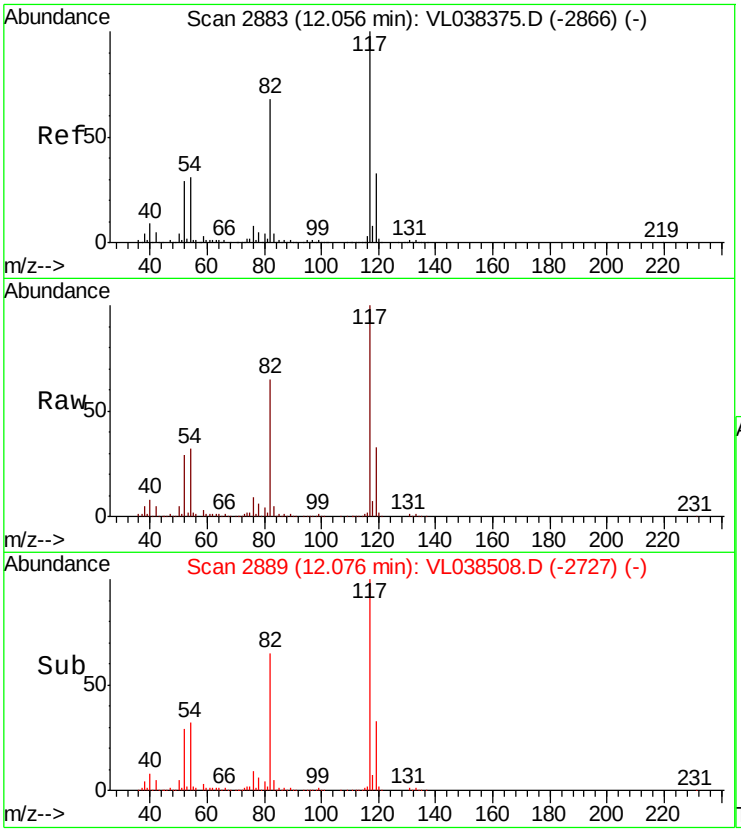


#54
1,2-Dibromoethane
Concen: 10.463 ppbv
RT: 10.60 min Scan# 2431
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:107 Resp: 1051537

Ion	Ratio	Lower	Upper
107	100		
109	96.3	73.0	109.6



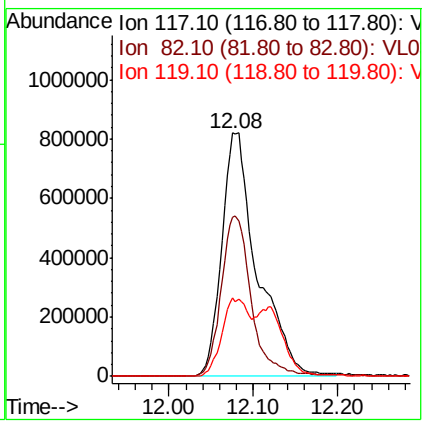


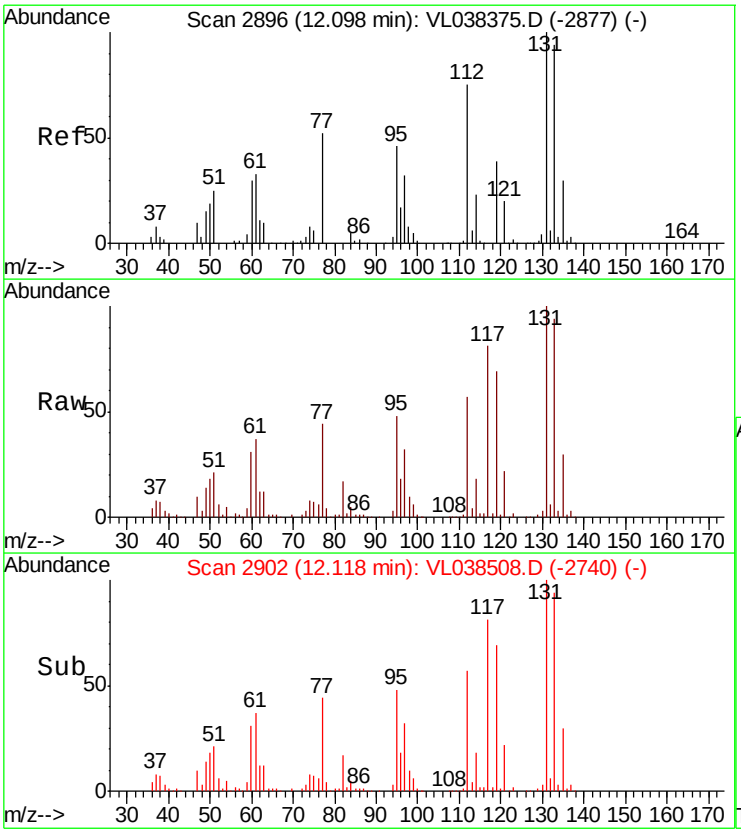
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2409259

Ion	Ratio	Lower	Upper
117	100		
82	56.1	54.9	82.3
119	27.4	46.1	69.1#

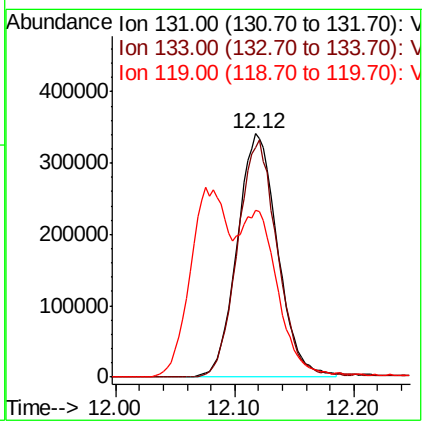


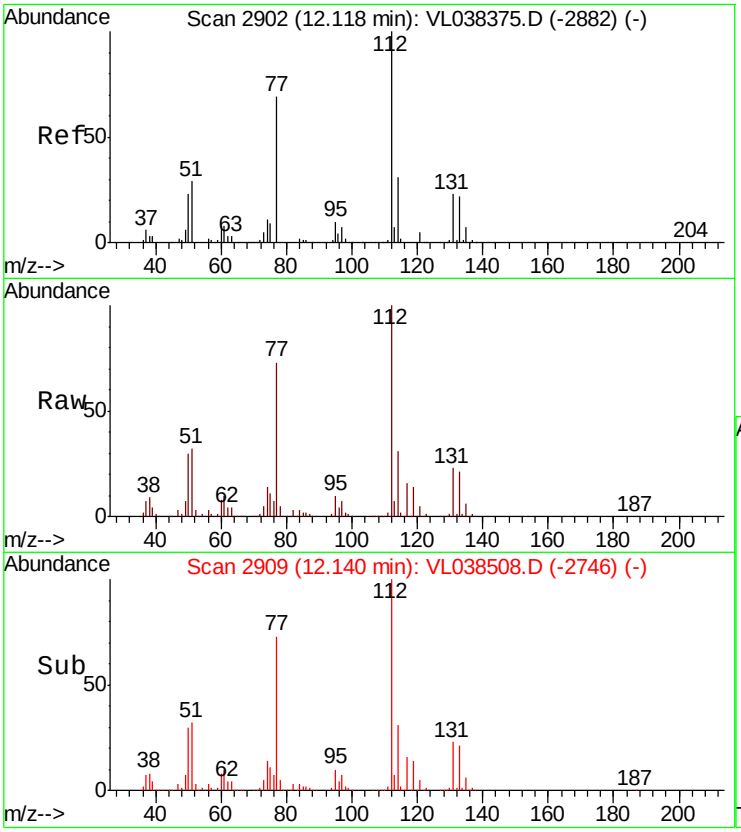


#56
1,1,1,2-Tetrachloroethane
Concen: 7.976 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:131 Resp: 800949

Ion	Ratio	Lower	Upper
131	100		
133	97.4	77.3	115.9
119	66.2	48.6	73.0



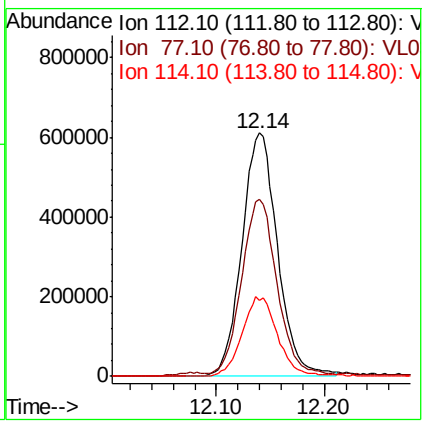


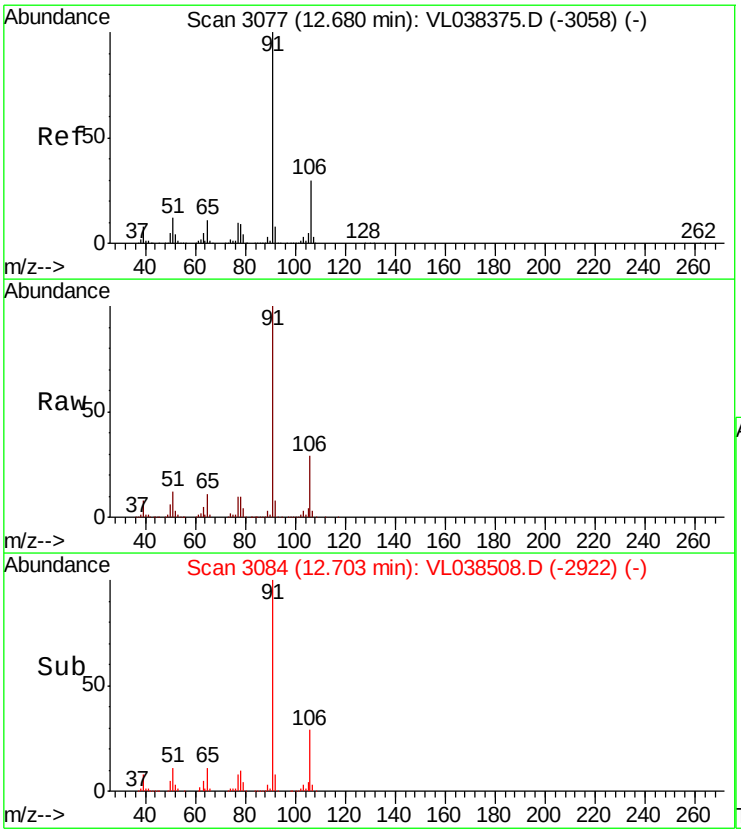
#57
Chlorobenzene
Concen: 7.569 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1406920

Ion	Ratio	Lower	Upper
112	100		
77	71.7	55.2	82.8
114	31.0	27.9	34.1

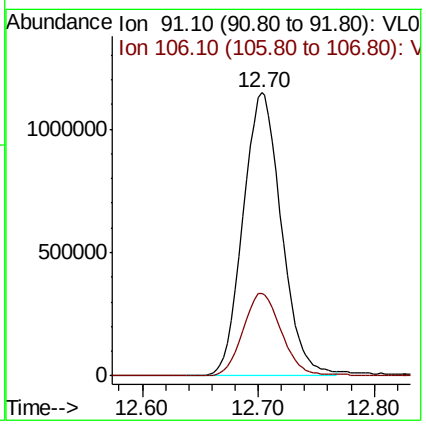


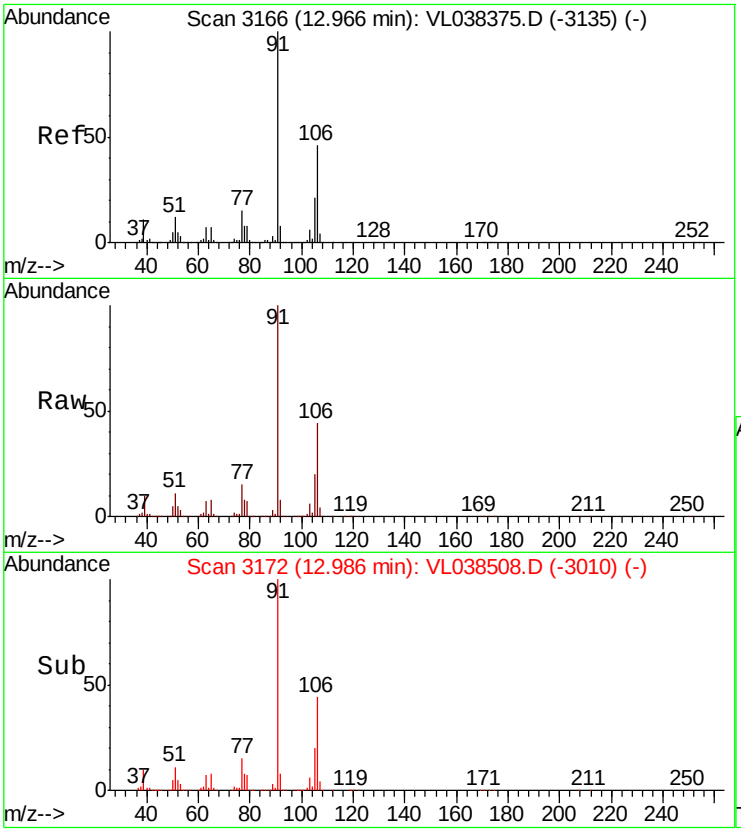


#58
Ethyl Benzene
Concen: 8.035 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 91 Resp: 2647149

Ion	Ratio	Lower	Upper
91	100		
106	29.2	24.0	36.0



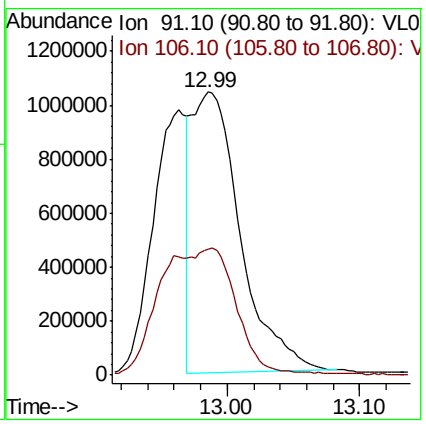


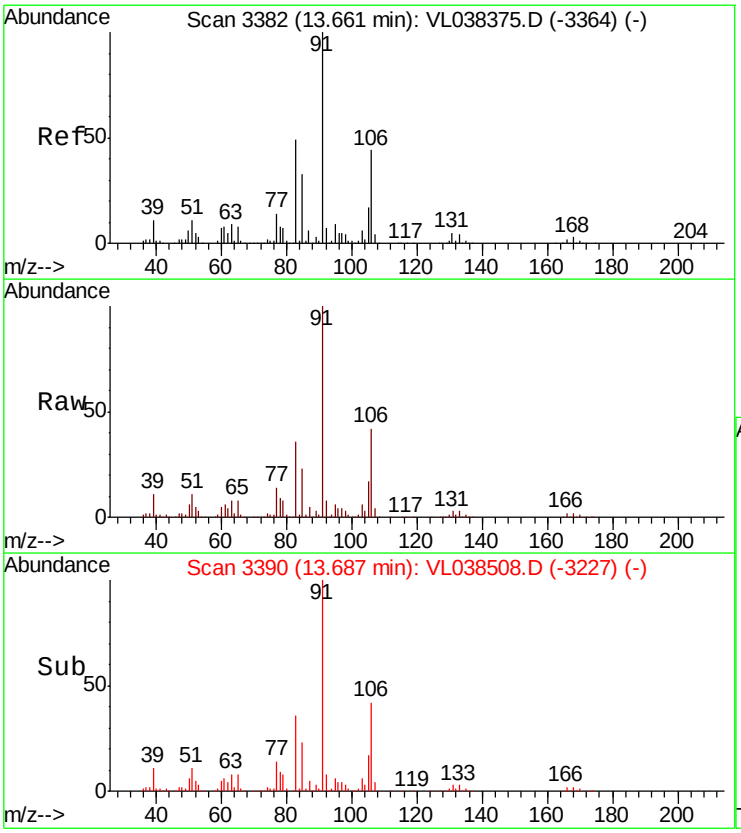
#59
m/p-Xylene
Concen: 9.268 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2622207

Ion	Ratio	Lower	Upper
91	100		
106	72.6	34.4	51.6#

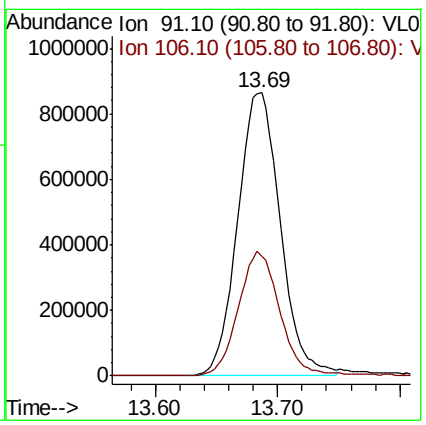


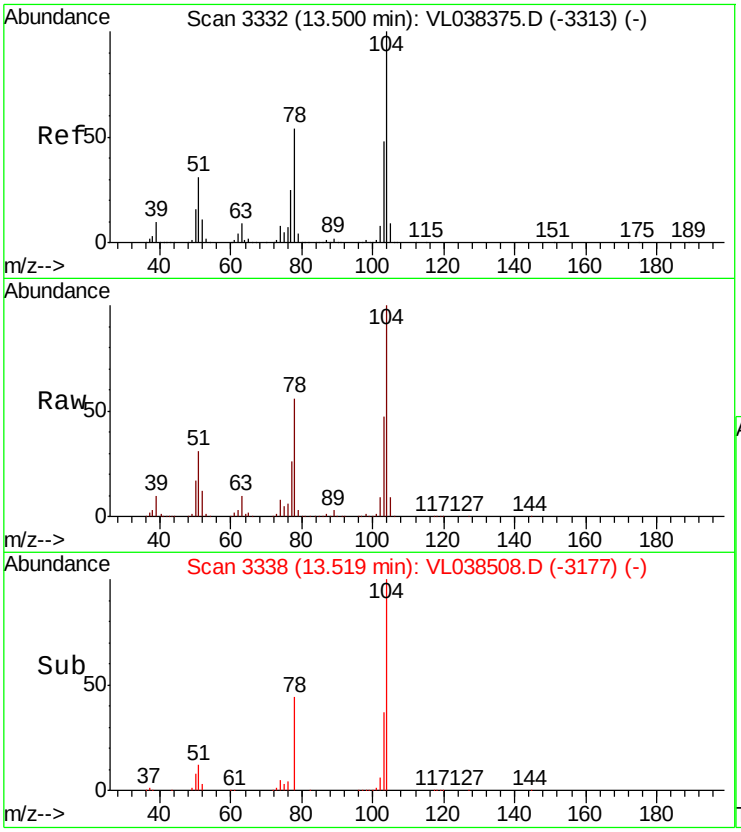


#60
o-Xylene
Concen: 7.773 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.03 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 91 Resp: 2078882

Ion	Ratio	Lower	Upper
91	100		
106	43.7	21.9	65.5



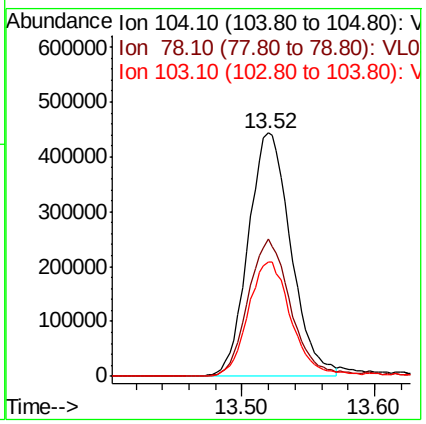


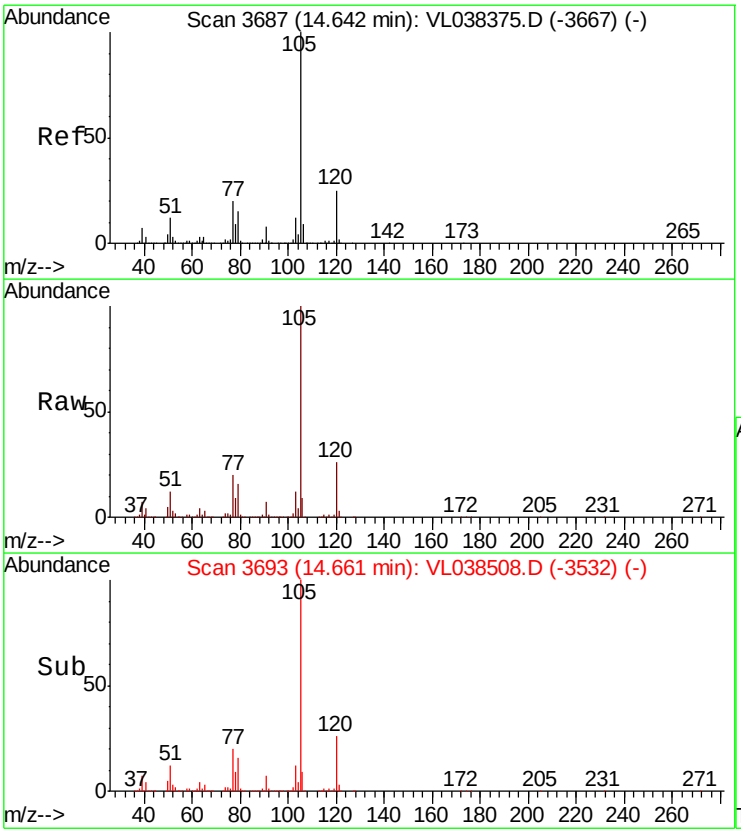
#61
Stvrene
Concen: 8.052 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 993347

Ion	Ratio	Lower	Upper
104	100		
78	57.5	44.2	66.4
103	48.6	38.4	57.6

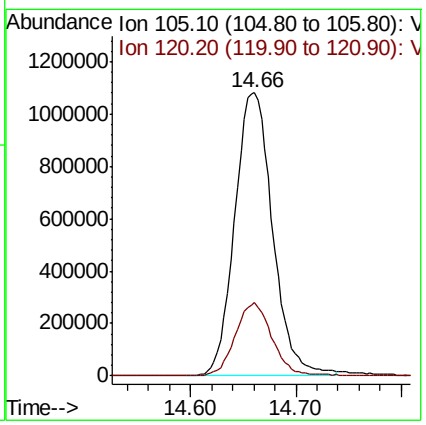


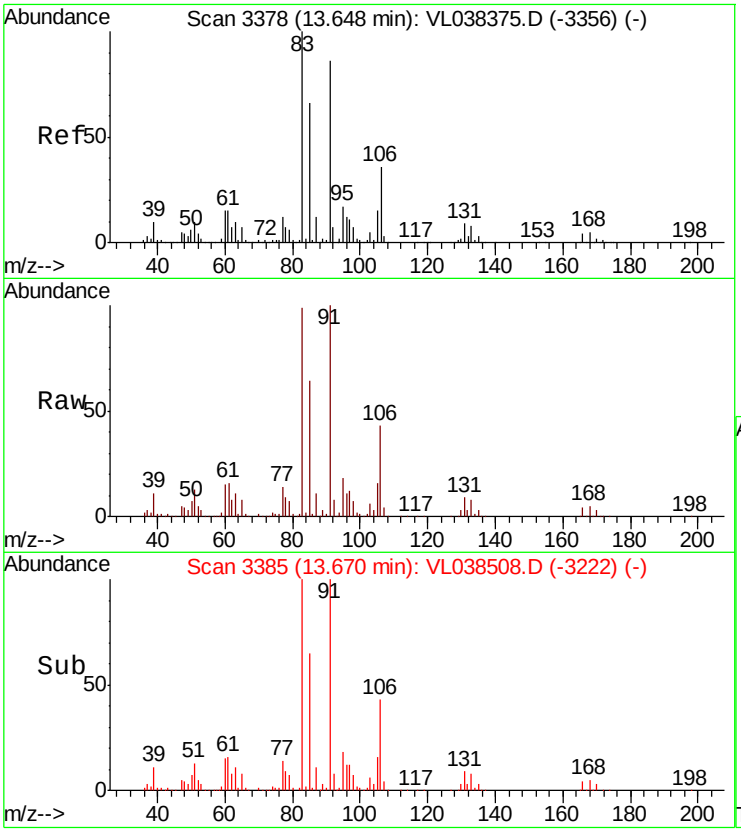


#62
Isopropylbenzene
Concen: 7.543 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:105 Resp: 2707707

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.6	30.8



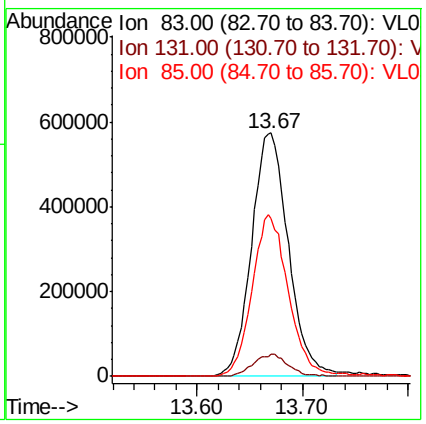


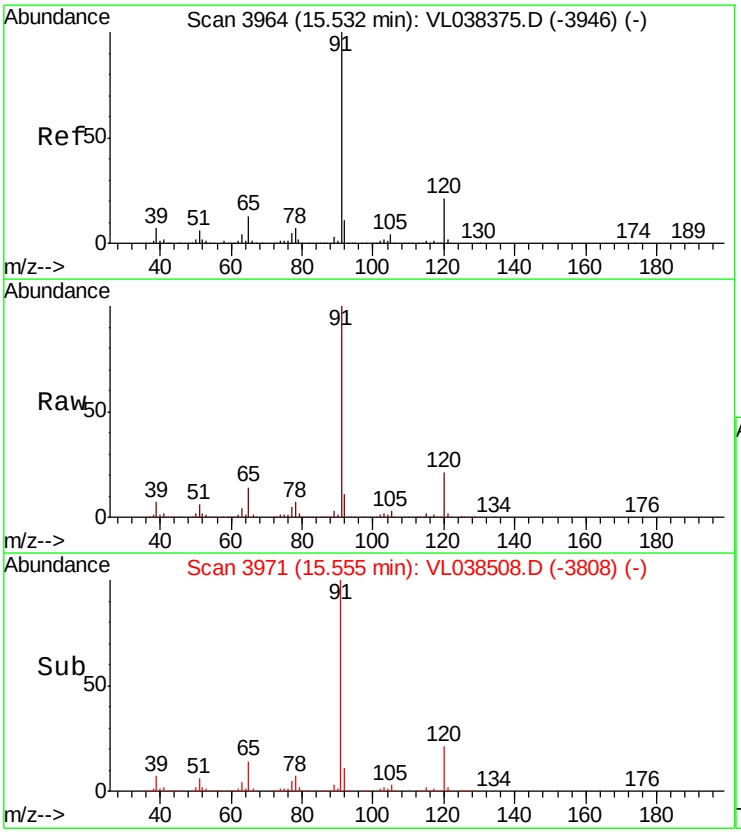
#63
1,1,2,2-Tetrachloroethane
Concen: 6.425 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1396318

Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.5	13.7
85	66.5	33.0	99.0

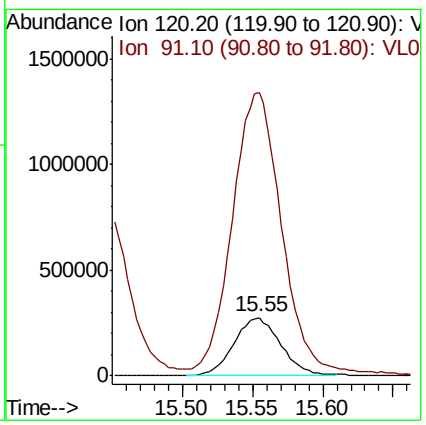


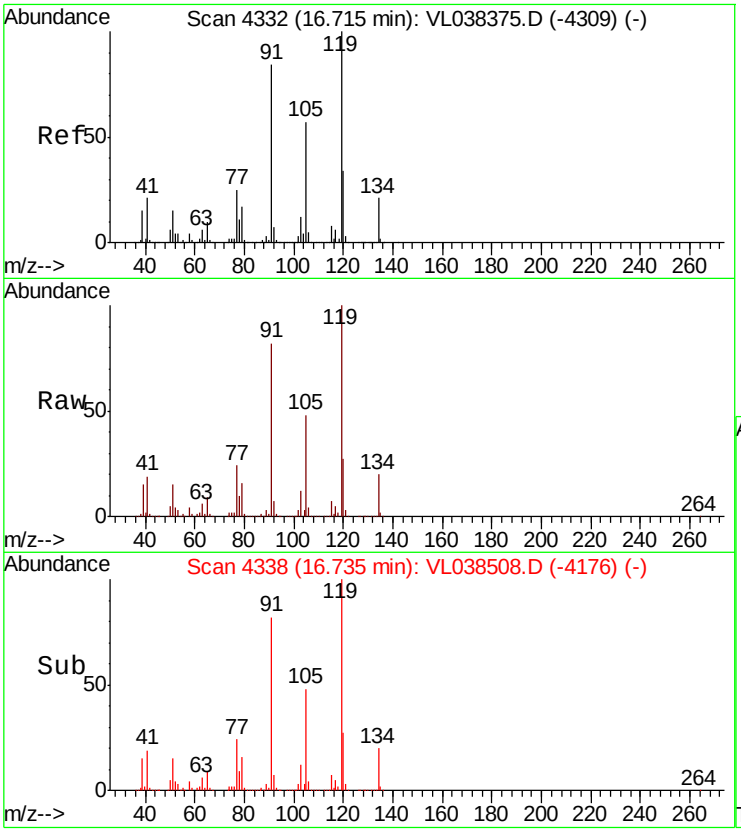


#64
n-propylbenzene
Concen: 7.201 ppbv
RT: 15.55 min Scan# 3971
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:120 Resp: 640029

Ion	Ratio	Lower	Upper
120	100		
91	521.3	388.1	582.1



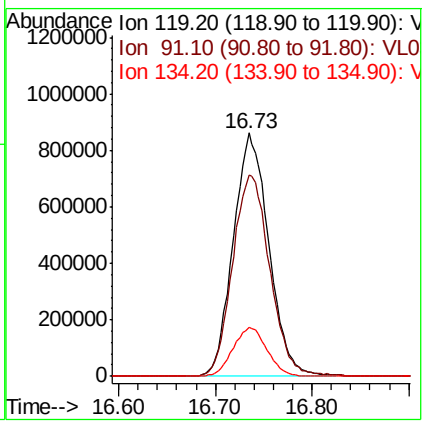


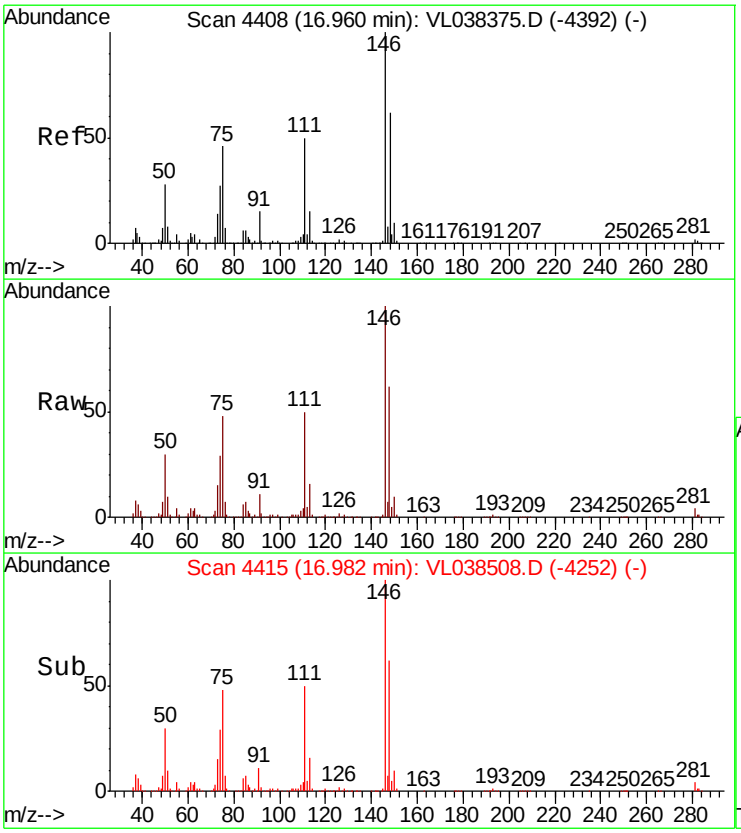
#65
tert-Butylbenzene
Concen: 7.066 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 2197085

Ion	Ratio	Lower	Upper
119	100		
91	86.9	68.0	102.0
134	19.5	15.8	23.8

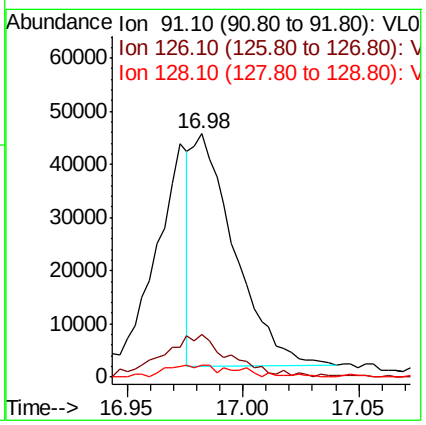


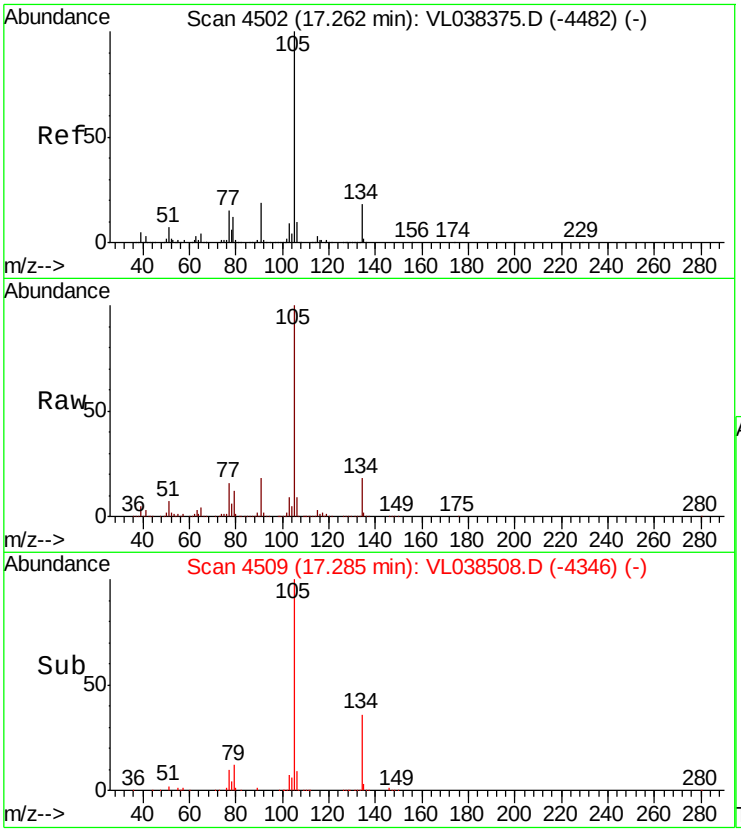


#66
Benzyl Chloride
Concen: 3.304 ppbv
RT: 16.98 min Scan# 4415
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 91 Resp: 55520

Ion	Ratio	Lower	Upper
91	100		
126	30.7	12.3	18.5#
128	8.9	4.2	6.4#



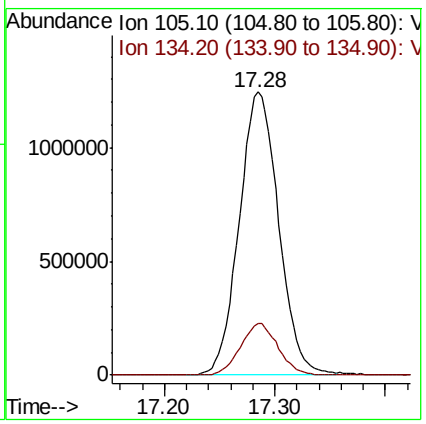


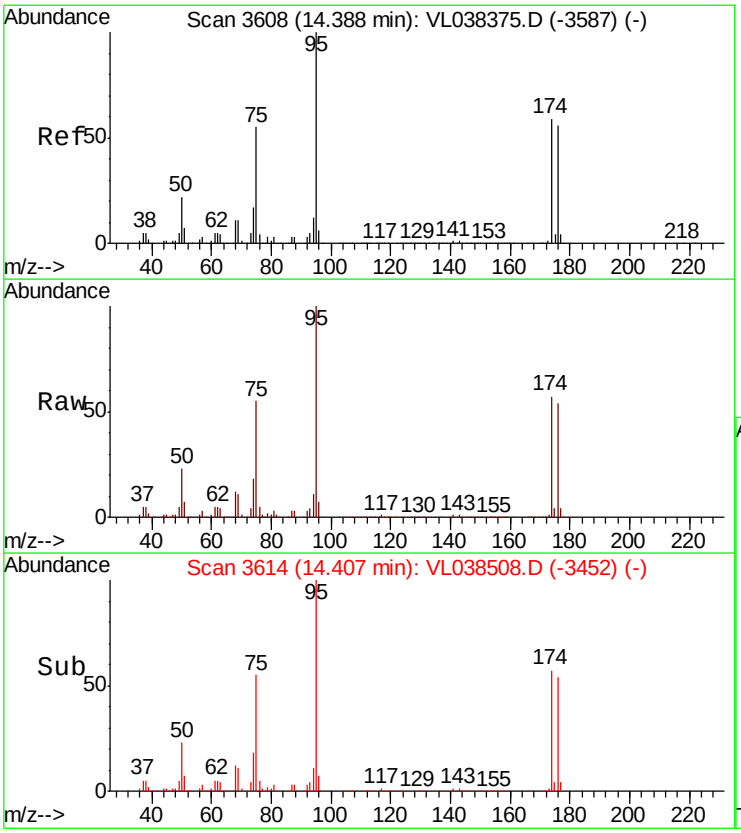
#67
sec-Butylbenzene
Concen: 6.972 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 3071565

Ion	Ratio	Lower	Upper
105	100		
134	17.6	14.6	21.8

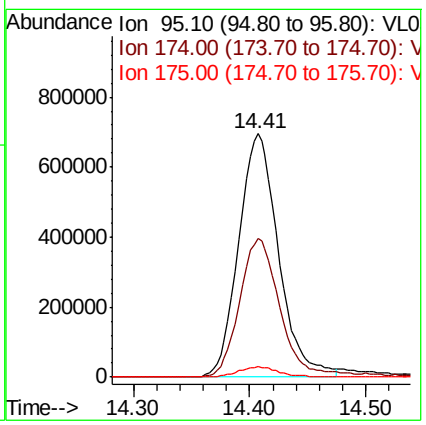


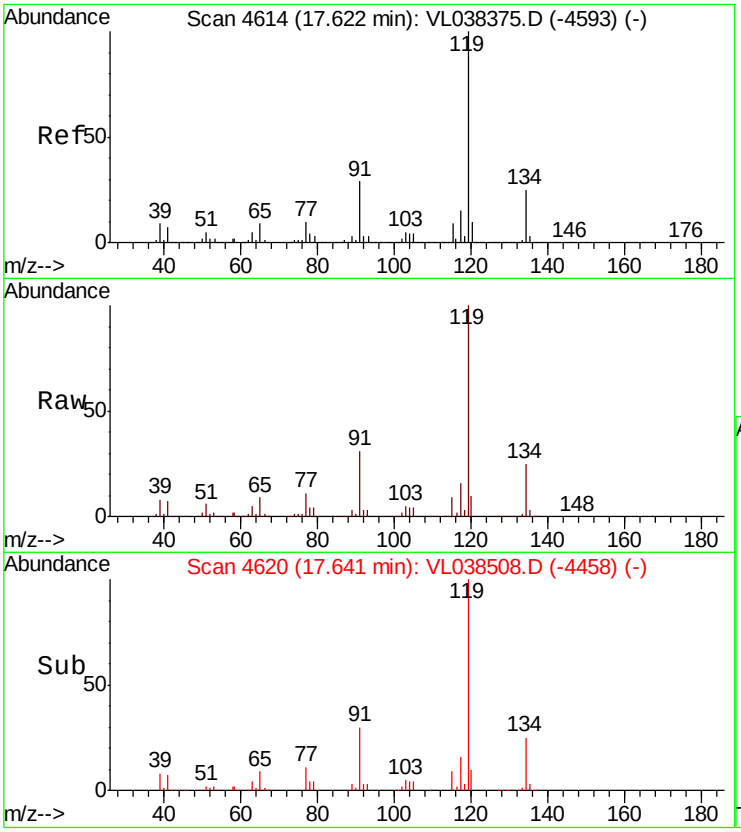


#68
1-Bromo-4-Fluorobenzene
Concen: 8.344 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 95 Resp: 1663416

Ion	Ratio	Lower	Upper
95	100		
174	59.4	49.0	73.4
175	4.4	3.6	5.4



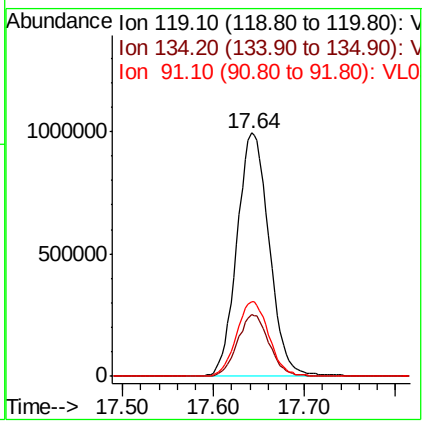


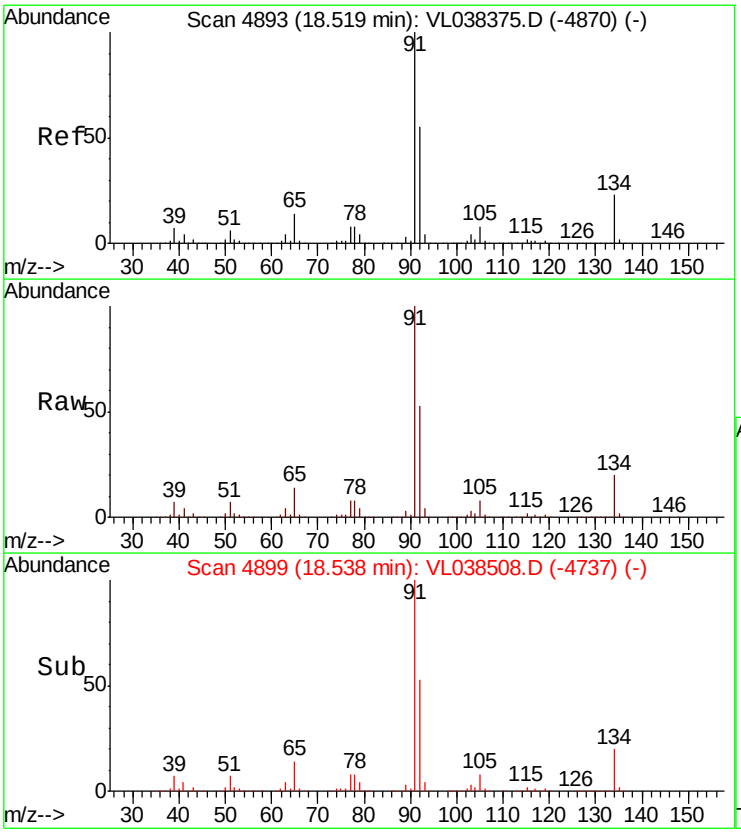
#69
p-Isopropyltoluene
Concen: 7.068 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 2445864

Ion	Ratio	Lower	Upper
119	100		
134	24.9	20.4	30.6
91	30.9	23.8	35.8

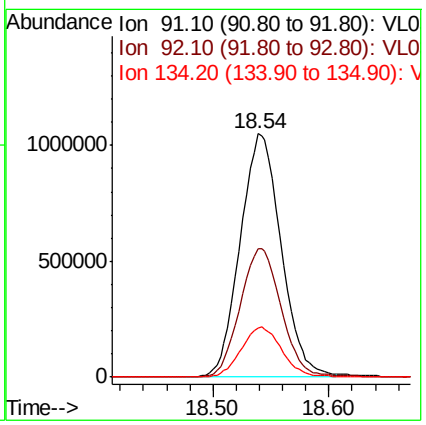


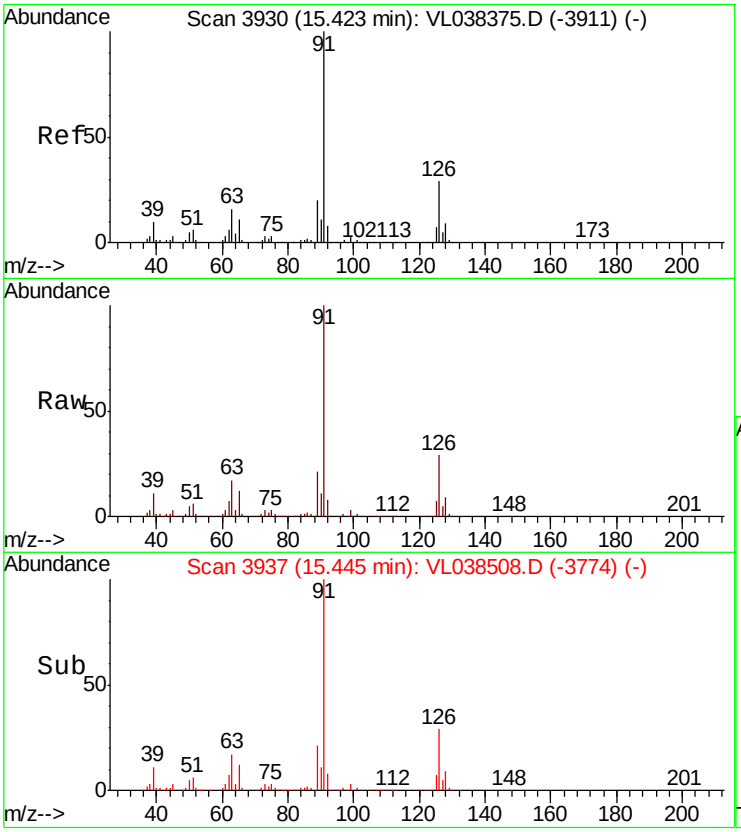


#70
n-Butylbenzene
Concen: 7.203 ppbv
RT: 18.54 min Scan# 4899
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 91 Resp: 2579364

Ion	Ratio	Lower	Upper
91	100		
92	53.5	43.1	64.7
134	20.8	17.4	26.0



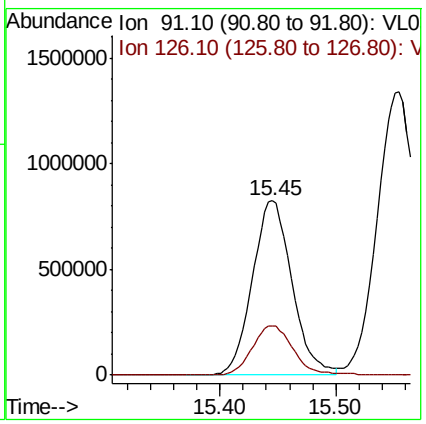


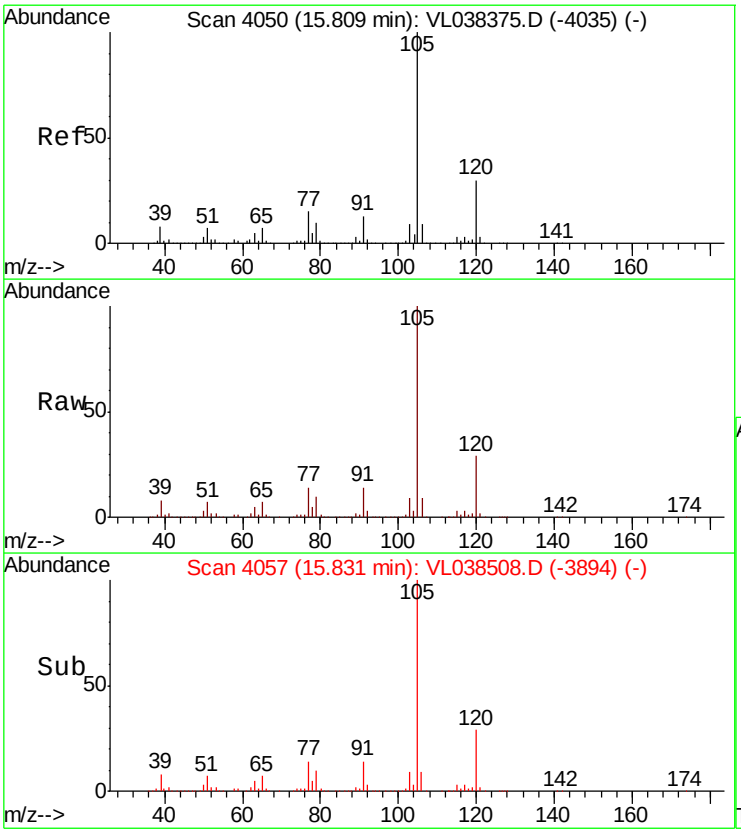
#71
2-Chlorotoluene
Concen: 7.141 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 1971103

Ion	Ratio	Lower	Upper
91	100		
126	29.6	11.9	47.7

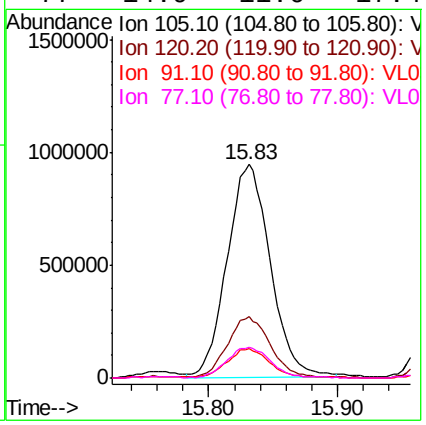


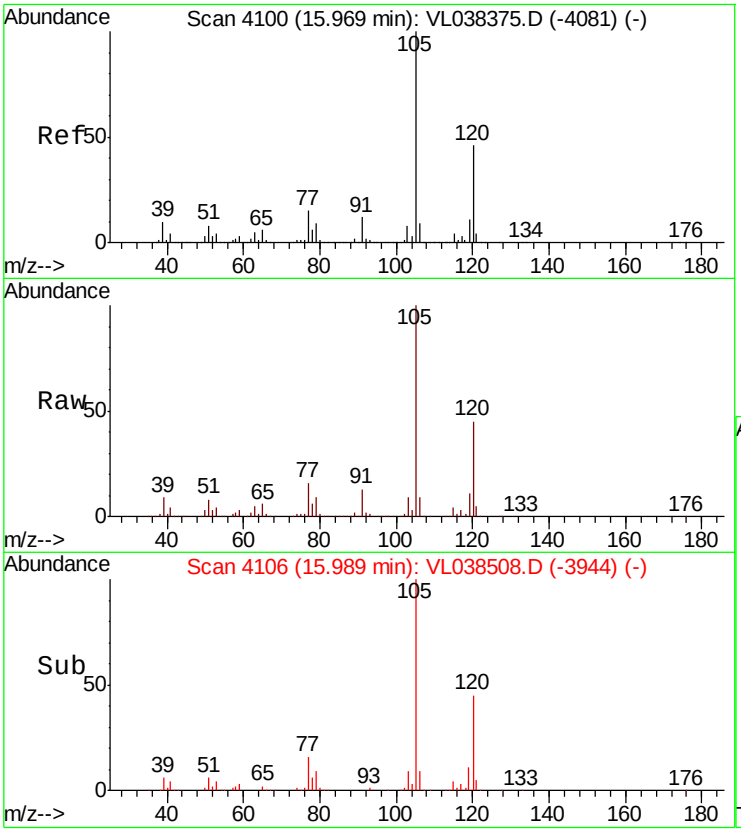


#72
4-Ethyltoluene
Concen: 7.460 ppbv
RT: 15.83 min Scan# 4057
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:105 Resp: 2198338

Ion	Ratio	Lower	Upper
105	100		
120	29.1	23.4	35.2
91	13.2	10.4	15.6
77	14.9	11.6	17.4



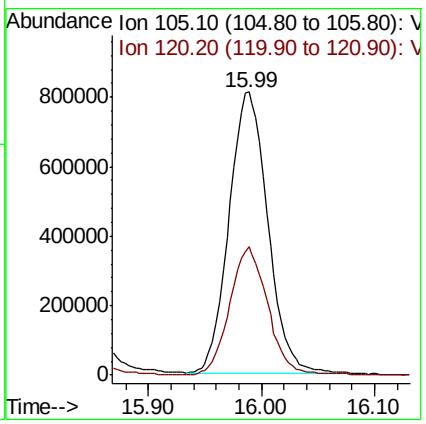


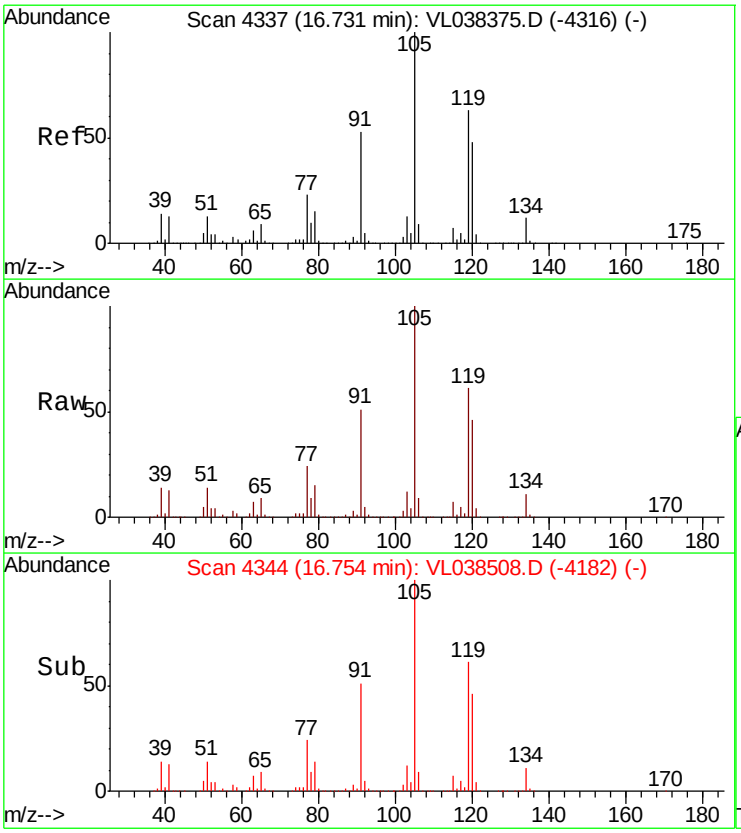
#73
1,3,5-Trimethylbenzene
Concen: 7.200 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 1927051

Ion	Ratio	Lower	Upper
105	100		
120	45.5	36.6	55.0

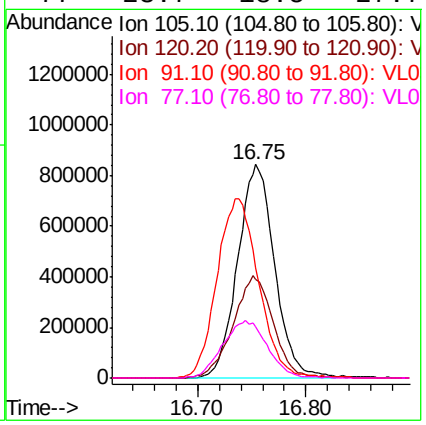


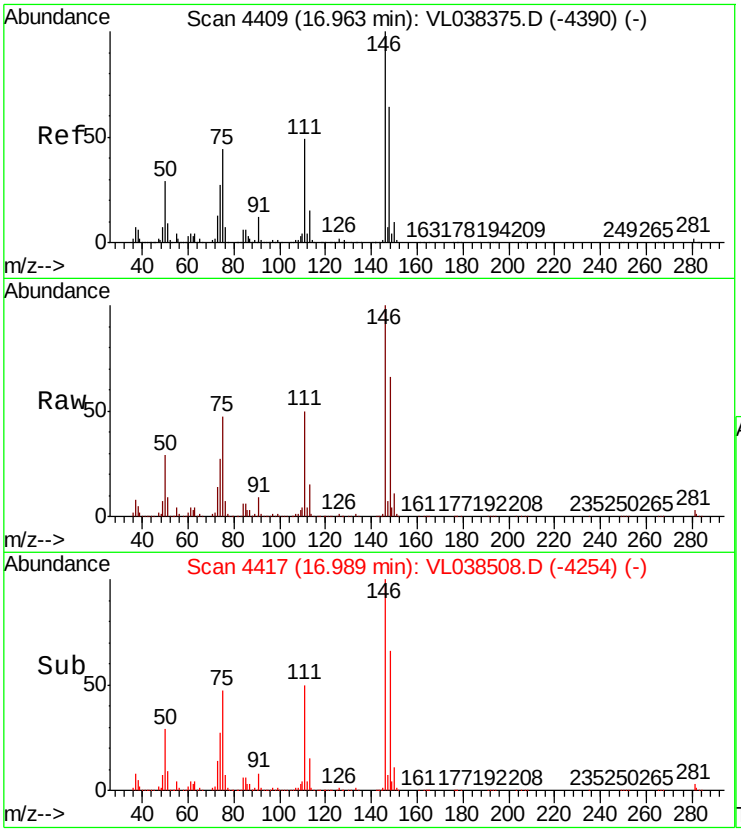


#74
1,2,4-Trimethylbenzene
Concen: 7.114 ppbv
RT: 16.75 min Scan# 4344
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:105 Resp: 2010014

Ion	Ratio	Lower	Upper
105	100		
120	46.3	38.2	57.4
91	50.8	42.7	64.1
77	23.7	18.5	27.7



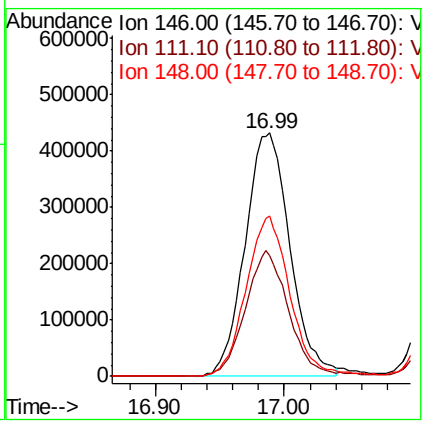


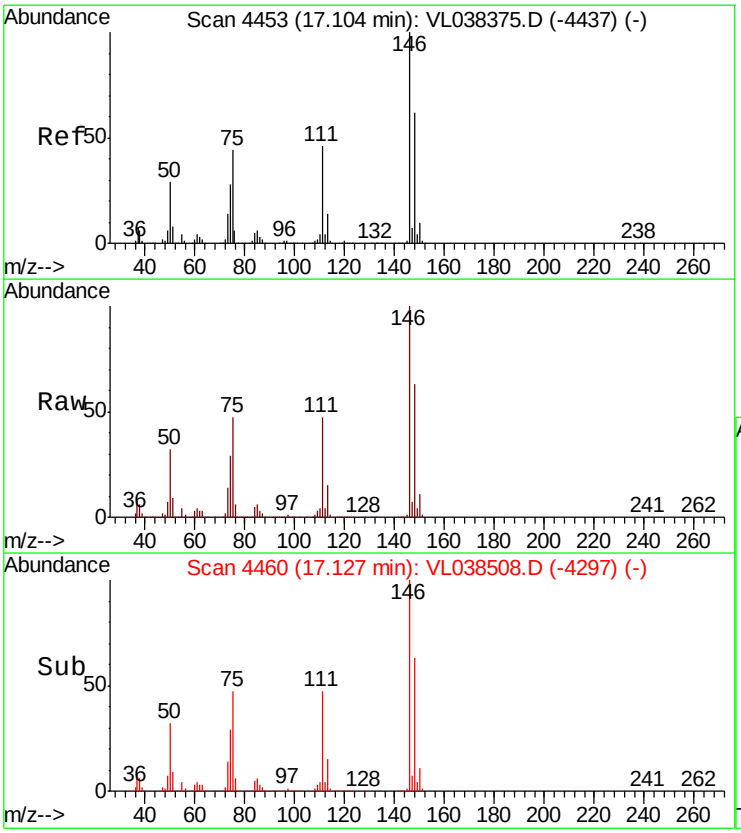
#75
1,3-Dichlorobenzene
Concen: 6.609 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1045827

Ion	Ratio	Lower	Upper
146	100		
111	50.0	24.3	72.9
148	64.6	32.0	96.0

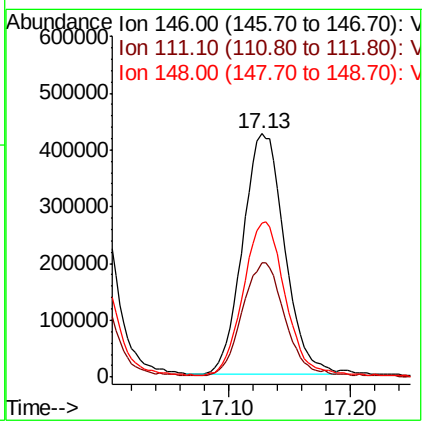


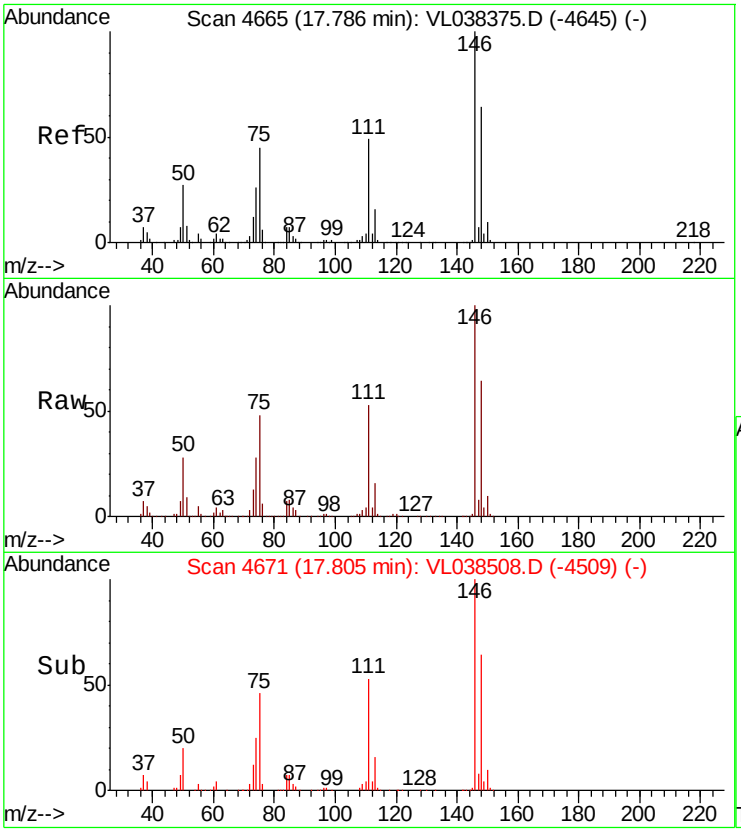


#76
1,4-Dichlorobenzene
Concen: 6.411 ppbv
RT: 17.13 min Scan# 4460
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:146 Resp: 1000539

Ion	Ratio	Lower	Upper
146	100		
111	49.1	24.1	72.2
148	66.6	32.8	98.4



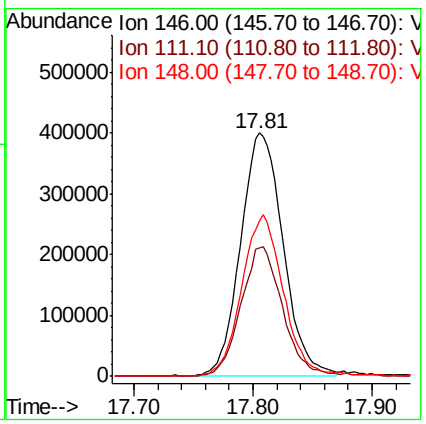


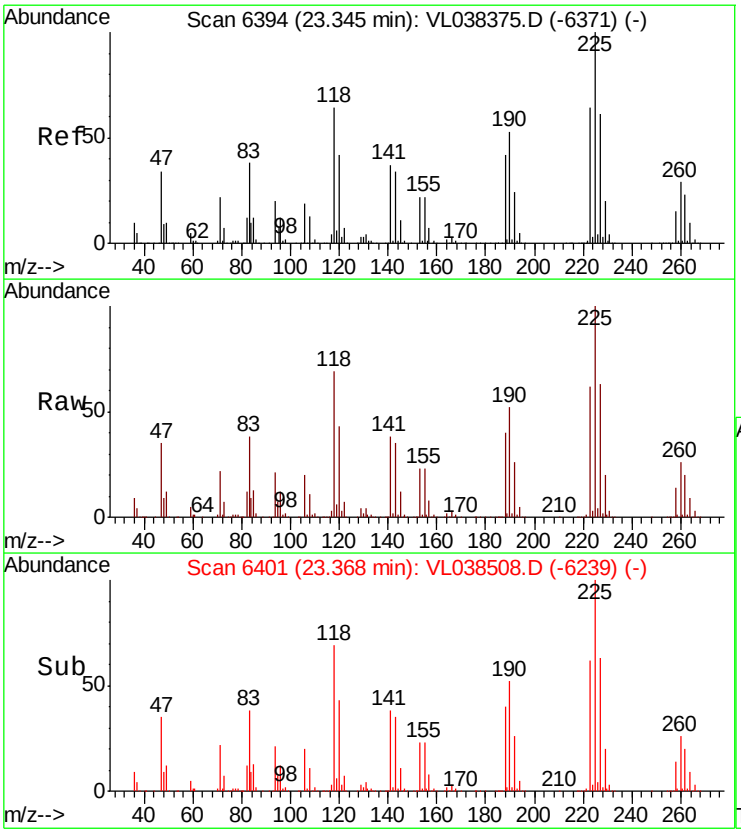
#77
1,2-Dichlorobenzene
Concen: 6.462 ppbv
RT: 17.81
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 984395

Ion	Ratio	Lower	Upper
146	100		
111	52.5	25.6	76.6
148	65.1	32.4	97.2

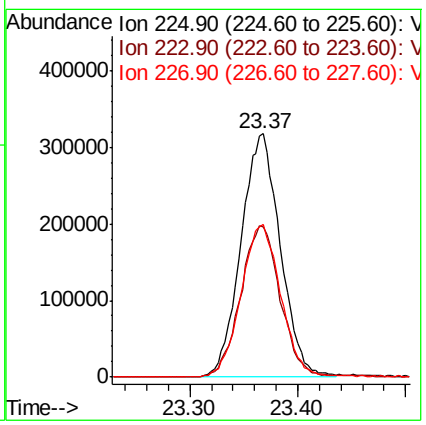


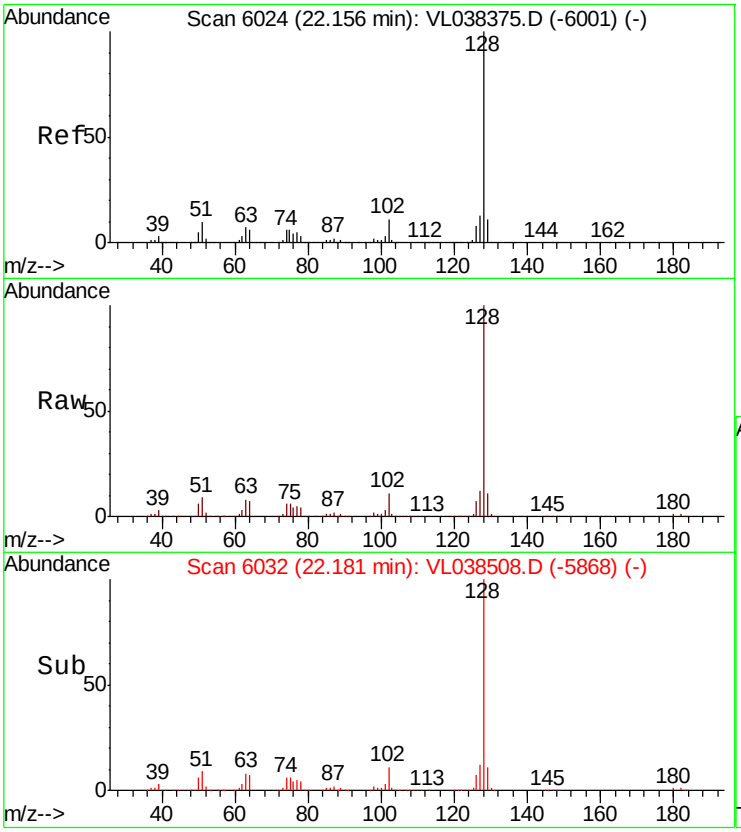


#78
Hexachloro-1,3-Butadiene
Concen: 6.925 ppbv
RT: 23.37 min Scan# 6401
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:225 Resp: 804562

Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.0	78.0
227	63.8	51.6	77.4



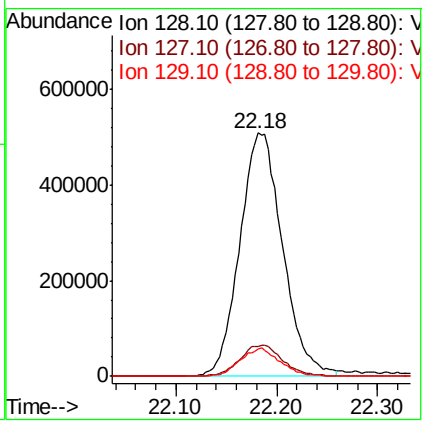


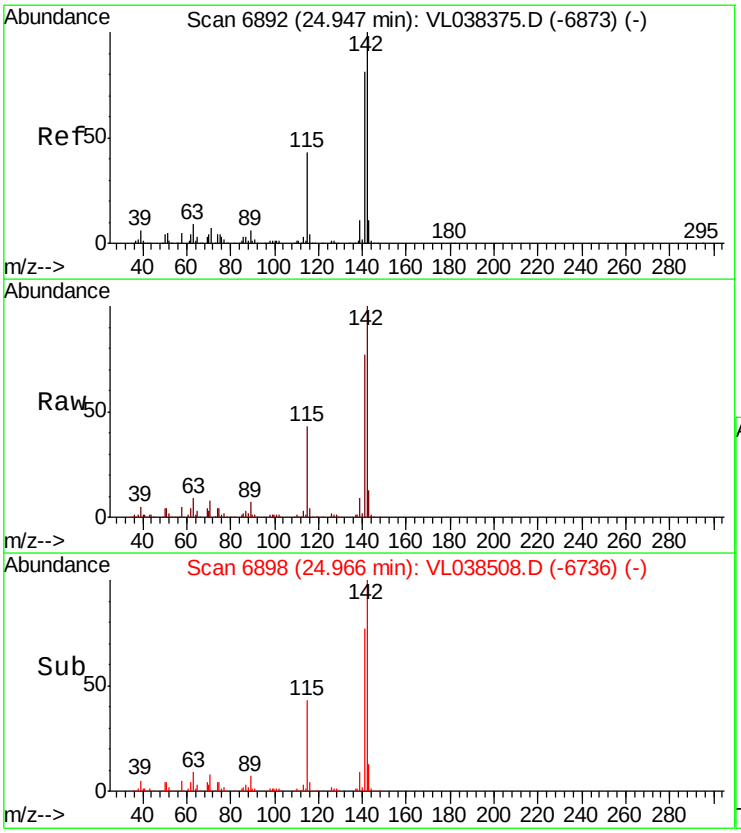
#79
Naphthalene
Concen: 9.769 ppbv
RT: 22.18
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 1495518

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.7	16.1
129	11.3	8.8	13.2

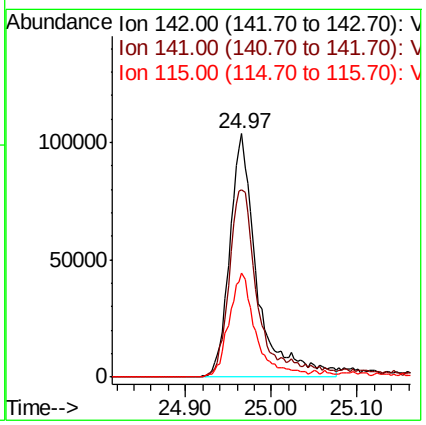


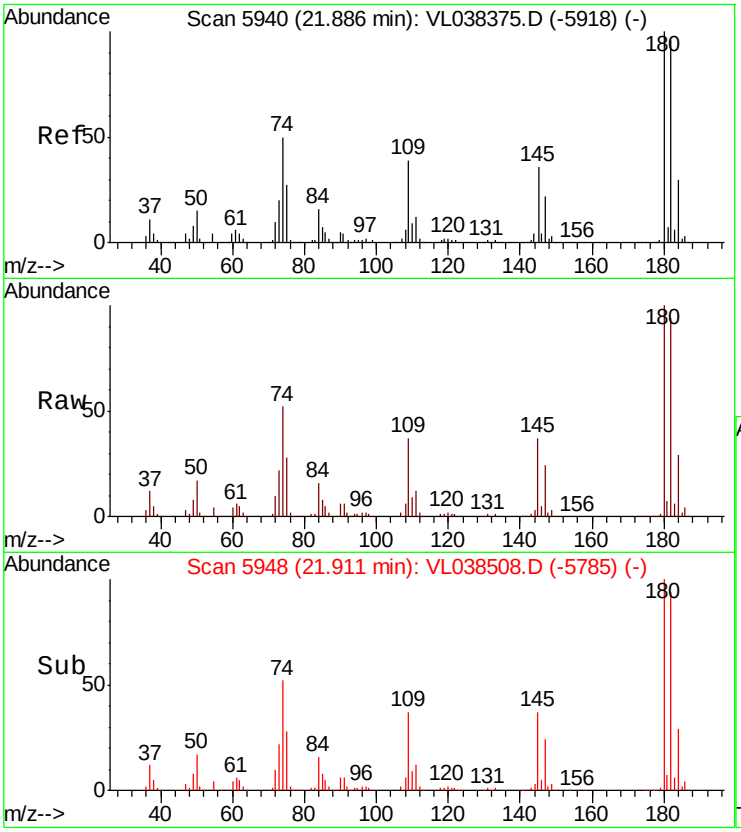


#80
Naphthalene,2-methyl-
Concen: 7.660 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:142 Resp: 229177

Ion	Ratio	Lower	Upper
142	100		
141	82.2	69.8	104.6
115	42.7	33.0	49.6





#81
1,2,4-Trichlorobenzene
Concen: 8.629 ppbv
RT: 21.91
Delta R.T
Lab File:
Acq: 3 Mar 2022 9:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 798694

Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.4	116.2
184	30.9	24.9	37.3