Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
Data File : VL038405.D
Acq On : 23 Feb 2022 11:16
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 14 08:12:35 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	5.67	49	979857	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.18	114	2433671	10.00	ppbv		0.03
55) Chlorobenzene-d5	12.09	117	2728041	10.00	ppbv		0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	1793179	7.94	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 79.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	1453709	9.37	ppbv		98
3) Chlorodifluoromethane	3.00	51	1611510	9.31	ppbv		99
4) Chloromethane	3.15	50	563152	9.37	ppbv		99
5) Vinyl Chloride	3.27	62	580264	9.23	ppbv		99
6) Bromomethane	3.48	94	317269	9.57	ppbv		99
7) Chloroethane	3.57	64	195523	9.69	ppbv		98
8) Dichlorotetrafluoroethane	3.20	85	1387067	9.61	ppbv		99
9) Propene	3.02	41	539503	9.44	ppbv		98
10) Heptane	8.12	43	1354146	9.74	ppbv		100
11) Trichlorofluoromethane	3.96	101	1376035	9.26	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.49	101	955827	8.77	ppbv		97
13) Ethanol	3.62	45	26971	4.73	ppbv	#	58
14) Bromoethene	3.75	108	432789	9.97	ppbv		97
15) Acetone	3.86	43	685655	8.23	ppbv		100
16) 1,3-Butadiene	3.34	39	540325	9.71	ppbv		96
17) tert-Butyl alcohol	4.29	59	851152	10.24	ppbv		99
18) 1,1-Dichloroethene	4.29	96	424949	8.89	ppbv		96
19) Isopropyl Alcohol	3.97	45	446850	9.26	ppbv	#	98
20) Methylene Chloride	4.35	84	343578	8.32	ppbv		98
21) Allyl Chloride	4.42	41	658792	9.36	ppbv		99
22) trans-1,2-Dichloroethene	4.89	96	448494	9.29	ppbv		94
23) Vinyl Acetate	5.08	43	1047659	9.49	ppbv		99
24) 1,1-Dichloroethane	5.02	63	889325	8.96	ppbv		100
25) Ethyl Acetate	5.68	43	2101318	9.39	ppbv		100
26) Hexane	5.69	57	990938	9.77	ppbv		95
27) Carbon Disulfide	4.56	76	1084336	9.62	ppbv		99
28) Methyl tert-Butyl Ether	5.04	73	966945	9.36	ppbv		98
29) Chloroform	5.76	83	1591451	9.62	ppbv		97
30) Cyclohexane	7.13	84	805985	9.72	ppbv		99
31) cis-1,2-Dichloroethene	5.55	61	990351	10.08	ppbv		99
32) 1,1,1-Trichloroethane	6.52	97	1615163	9.71	ppbv		99
34) 2-Butanone	5.25	43	913697	11.94	ppbv		100
35) Carbon Tetrachloride	7.02	117	1657901	9.69	ppbv		99
36) Benzene	6.89	78	2061058	9.62	ppbv		97
37) 1,2-Dichloroethane	6.31	62	1179016	9.52	ppbv		100
38) Trichloroethene	7.84	130	729183	9.34	ppbv		97
39) 1,2-Dichloropropane	7.62	63	810080	9.49	ppbv		98
40) 1,4-Dioxane	7.84	88	195237	9.65	ppbv		93
41) Tetrahydrofuran	6.06	42	504767	9.76	ppbv		97
42) Bromodichloromethane	7.80	83	1716699	9.60	ppbv		97
43) Methyl Methacrylate	8.01	69	766084	10.29	ppbv		97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
Data File : VL038405.D
Acq On : 23 Feb 2022 11:16
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 14 08:12:35 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	7.87	57	3458190	9.39	ppbv		100
45) t-1,3-Dichloropropene	9.28	75	624935	10.50	ppbv		98
46) cis-1,3-Dichloropropene	8.70	75	796368	10.21	ppbv		99
47) 1,1,2-Trichloroethane	9.48	97	805782	9.49	ppbv		95
48) Dibromochloromethane	10.30	129	1328439	9.57	ppbv		99
49) Bromoform	13.04	173	894534	8.73	ppbv		99
50) 4-Methyl-2-Pentanone	8.74	43	1369586	10.12	ppbv		98
51) 2-Hexanone	10.14	43	602029	9.94	ppbv	#	97
52) Tetrachloroethene	11.23	164	633626	8.91	ppbv		96
53) Toluene	9.81	91	2251940	9.68	ppbv		100
54) 1,2-Dibromoethane	10.61	107	1143924	9.57	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.13	131	850271	7.48	ppbv		95
57) Chlorobenzene	12.15	112	1506935	7.16	ppbv		99
58) Ethyl Benzene	12.71	91	2862202	7.67	ppbv		98
59) m/p-Xylene	13.00	91	2648527	8.27	ppbv	#	46
60) o-Xylene	13.69	91	2165258	7.15	ppbv		99
61) Styrene	13.53	104	1101381	7.88	ppbv		99
62) Isopropylbenzene	14.67	105	2866194	7.05	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.68	83	1461861	5.94	ppbv		100
64) n-propylbenzene	15.56	120	708163	7.04	ppbv		96
65) tert-Butylbenzene	16.74	119	2343248	6.66	ppbv		100
66) Benzyl Chloride	16.99	91	105513	5.55	ppbv	#	96
67) sec-Butylbenzene	17.29	105	3263863	6.54	ppbv		99
69) p-Isopropyltoluene	17.65	119	2596806	6.63	ppbv		99
70) n-Butylbenzene	18.55	91	1943476	4.79	ppbv		98
71) 2-Chlorotoluene	15.45	91	2104258	6.73	ppbv		100
72) 4-Ethyltoluene	15.84	105	2350881	7.05	ppbv		100
73) 1,3,5-Trimethylbenzene	16.00	105	2064496	6.81	ppbv		97
74) 1,2,4-Trimethylbenzene	16.76	105	2130234	6.66	ppbv		98
75) 1,3-Dichlorobenzene	17.00	146	1130635	6.31	ppbv		99
76) 1,4-Dichlorobenzene	17.14	146	1088234	6.16	ppbv		99
77) 1,2-Dichlorobenzene	17.82	146	1071050	6.21	ppbv		100
78) Hexachloro-1,3-Butadiene	23.37	225	855387	6.50	ppbv		99
79) Naphthalene	22.19	128	1619020	9.34	ppbv		99
80) Naphthalene,2-methyl-	24.97	142	256417	7.57	ppbv		93
81) 1,2,4-Trichlorobenzene	21.92	180	863784	8.24	ppbv		99

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

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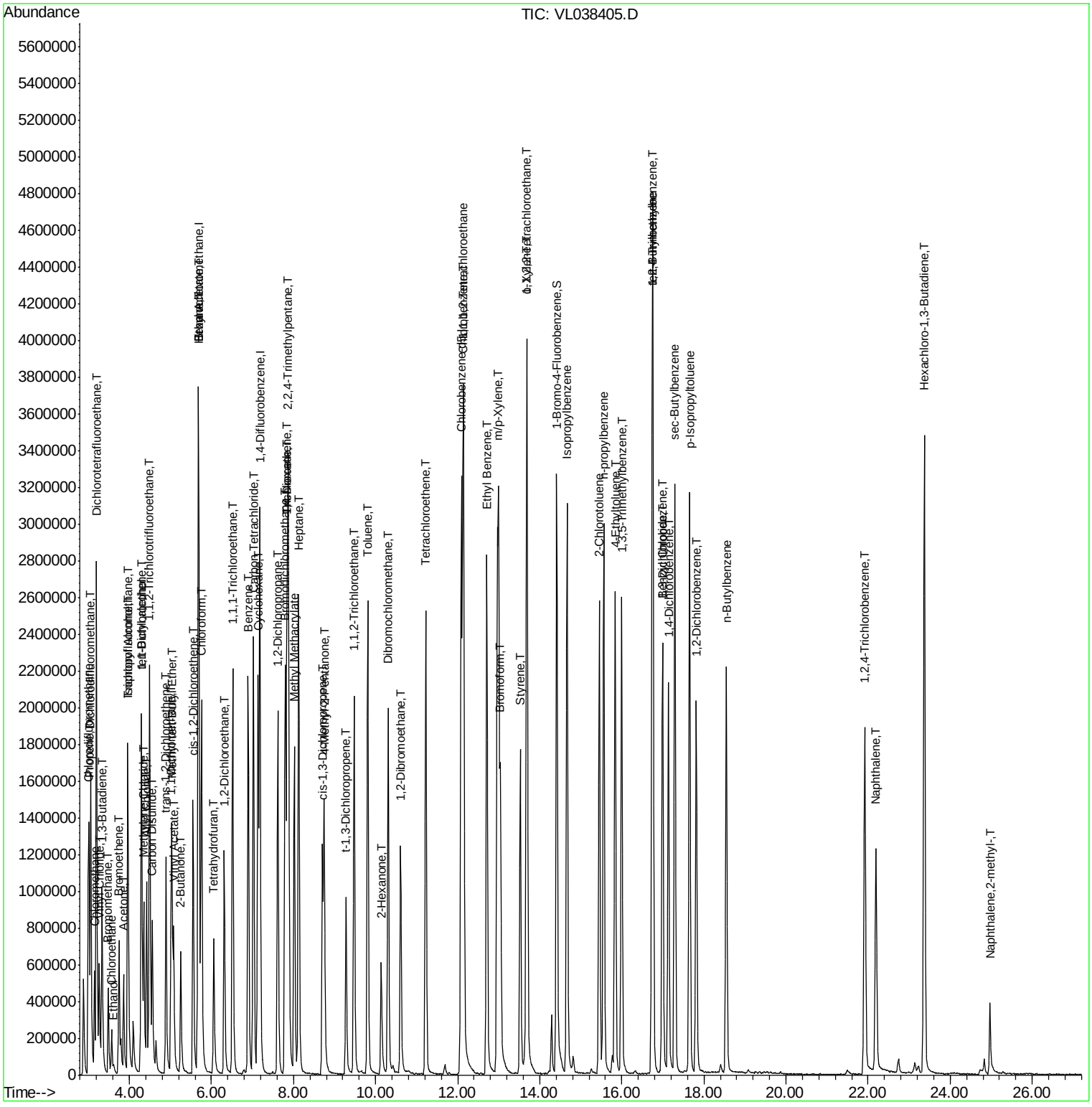
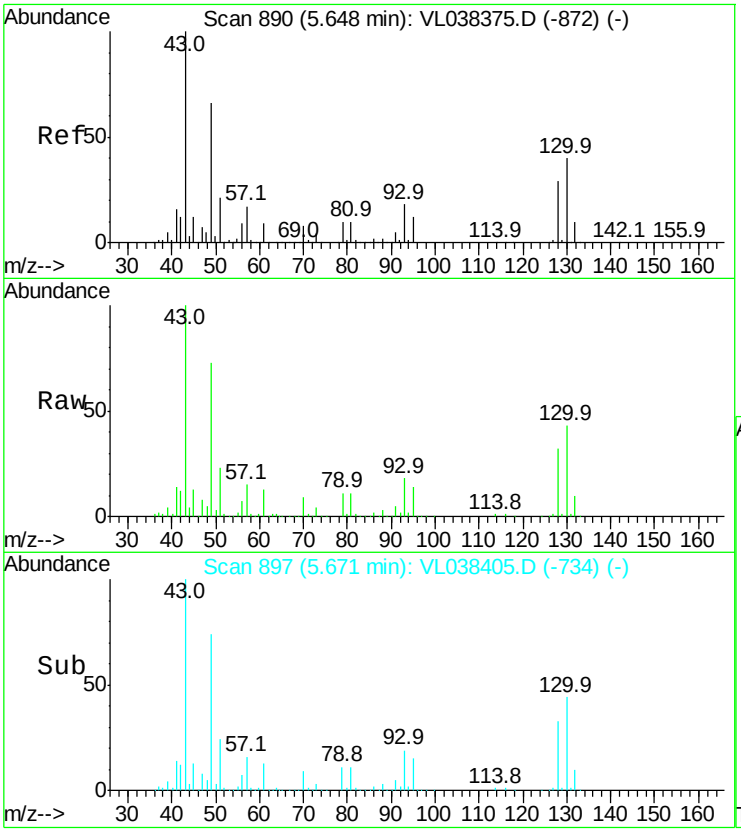
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
Data File : VL038405.D
Acq On : 23 Feb 2022 11:16
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Mar 14 08:12:35 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



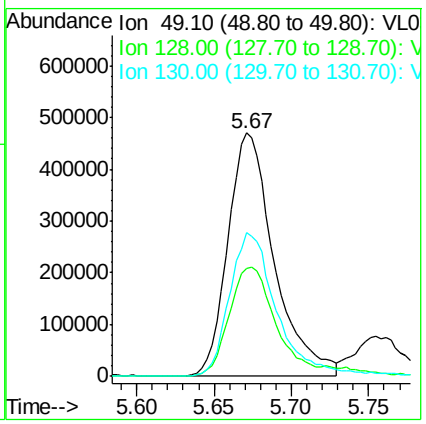


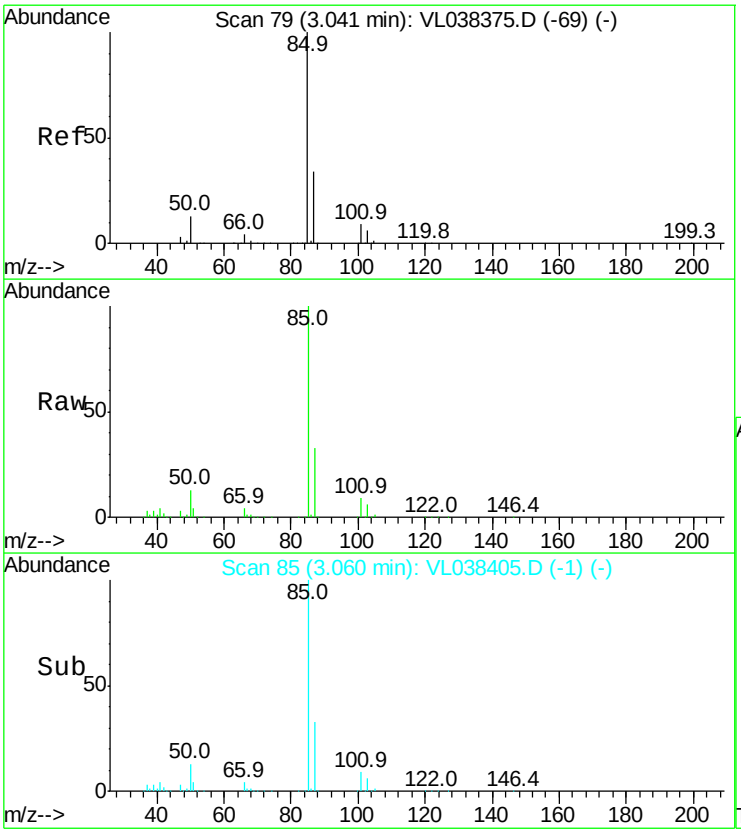
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 979857

Ion	Ratio	Lower	Upper
49	100		
128	49.5	24.3	72.9
130	61.3	30.1	90.5

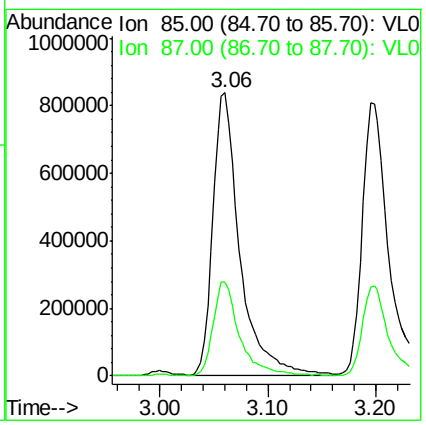


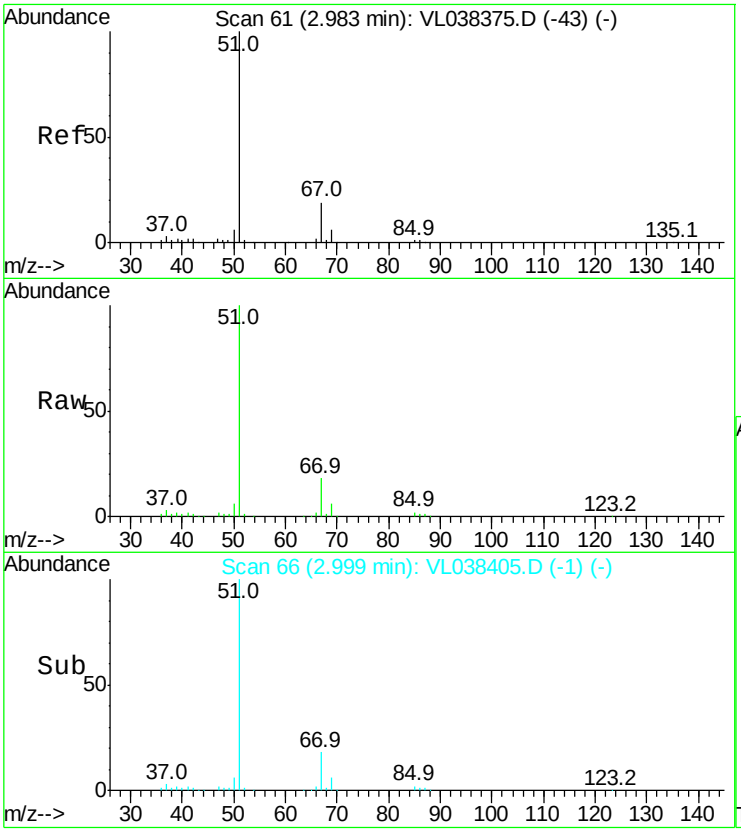


#2
Dichlorodifluoromethane
Concen: 9.37 ppbv
RT: 3.06 min Scan# 85
Delta R.T. 0.02 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 85 Resp: 1453709

Ion	Ratio	Lower	Upper
85	100		
87	32.9	27.4	41.0



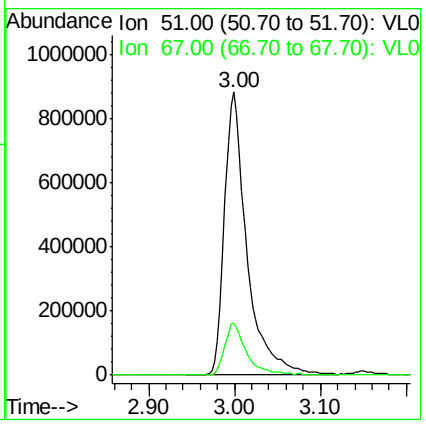


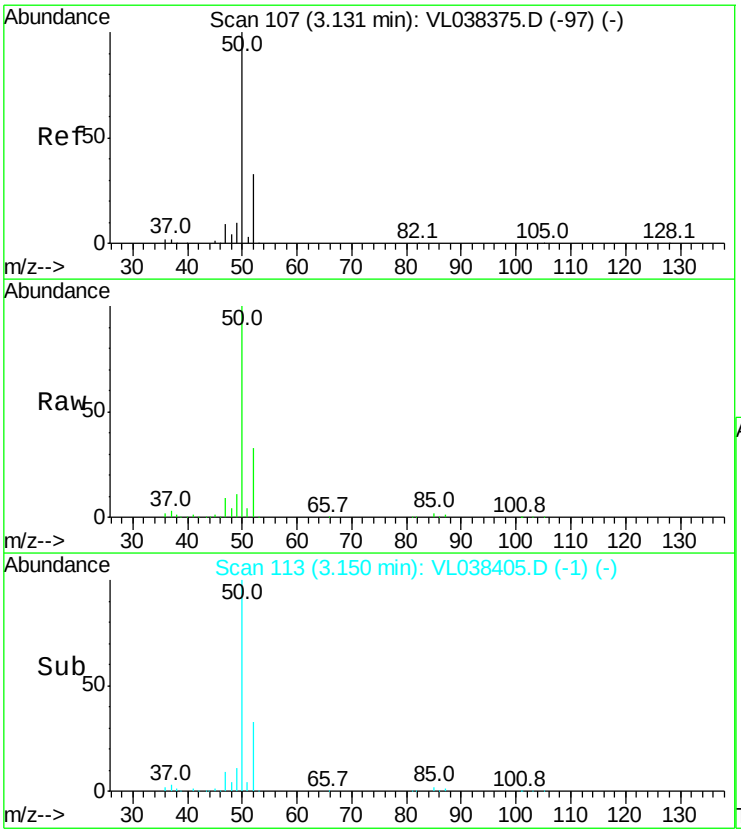
#3
Chlorodifluoromethane
Concen: 9.31 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1611510

Ion	Ratio	Lower	Upper
51	100		
67	18.1	14.7	22.1

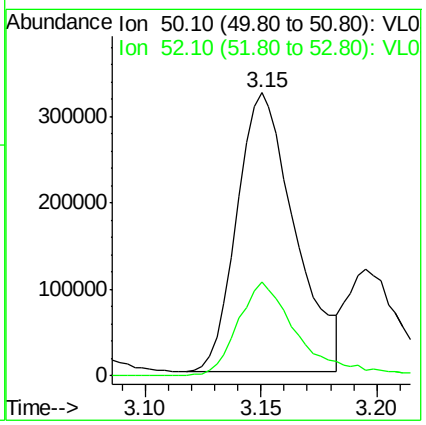


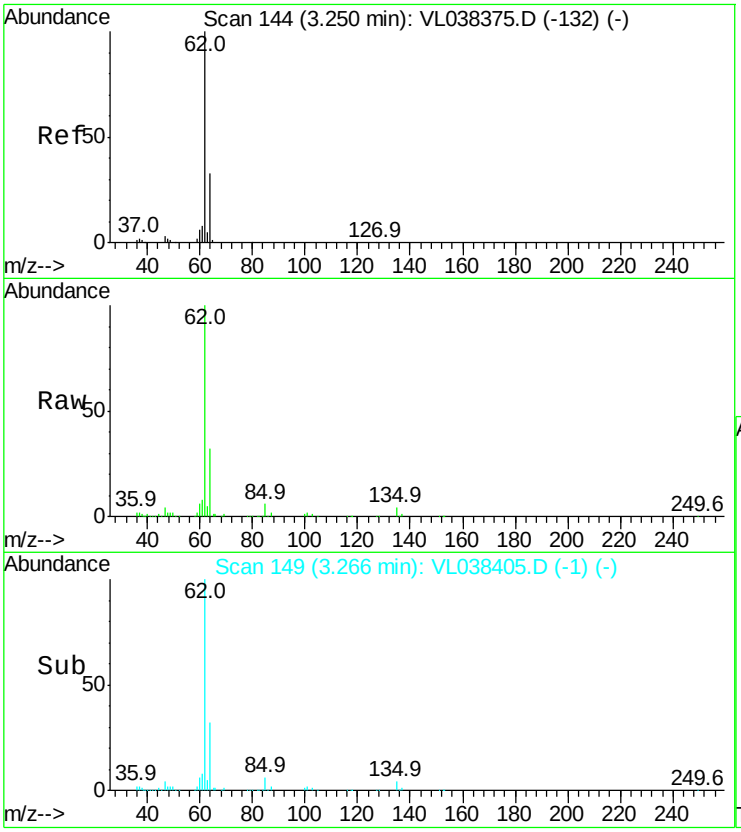


#4
Chloromethane
Concen: 9.37 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.02 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 50 Resp: 563152

Ion	Ratio	Lower	Upper
50	100		
52	33.4	26.5	39.7



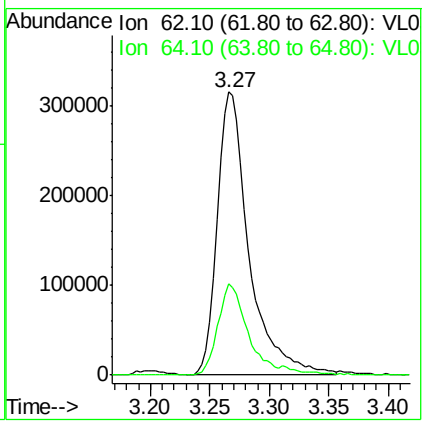


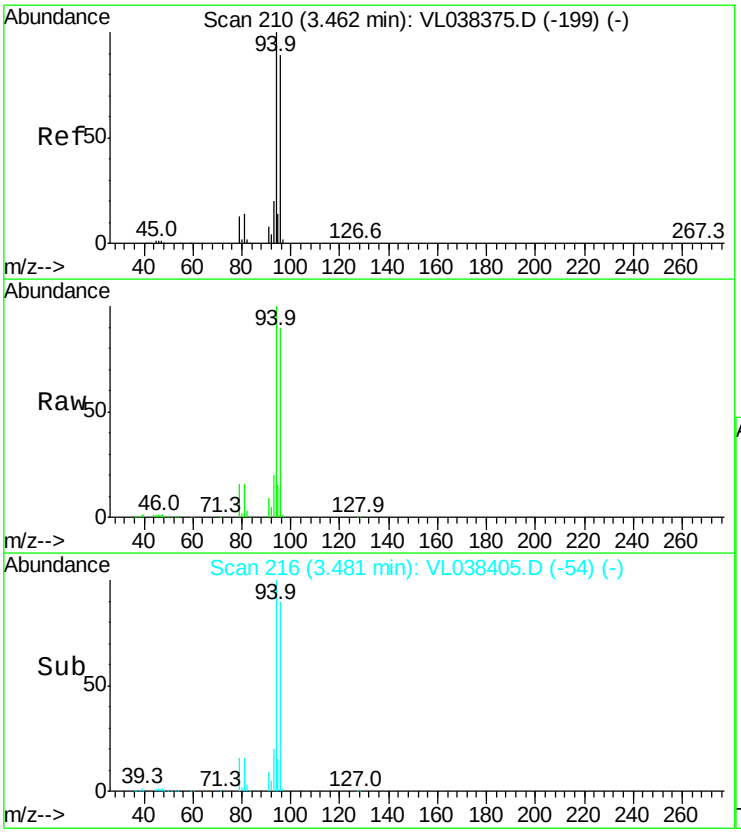
#5
Vinyl Chloride
Concen: 9.23 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 580264

Ion	Ratio	Lower	Upper
62	100		
64	32.2	26.2	39.2

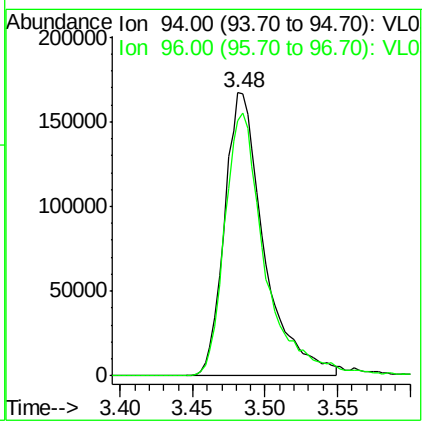


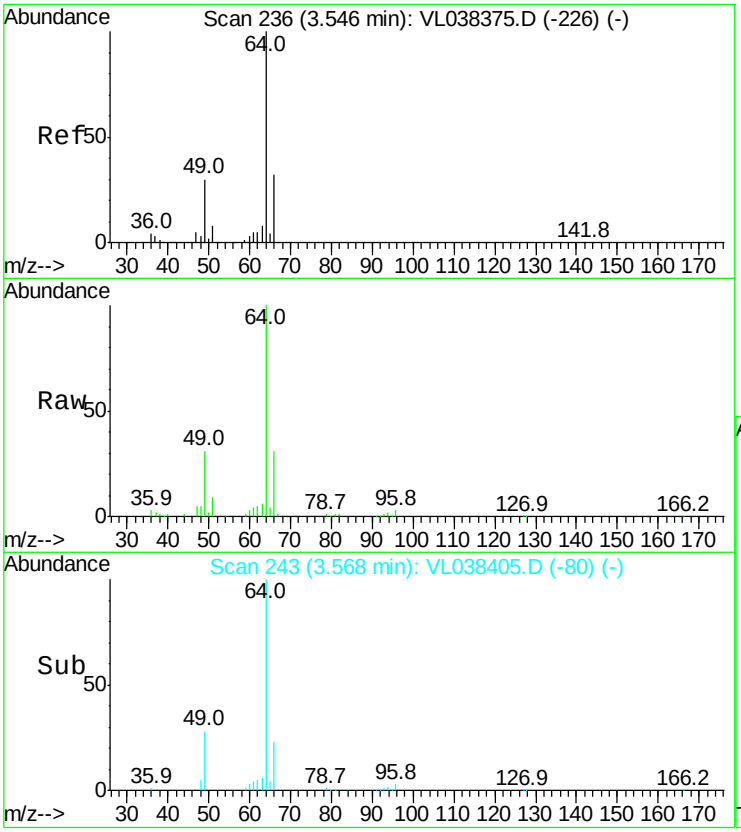


#6
Bromomethane
Concen: 9.57 ppbv
RT: 3.48 min Scan# 216
Delta R.T. 0.02 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 94 Resp: 317269

Ion	Ratio	Lower	Upper
94	100		
96	90.0	71.0	106.6



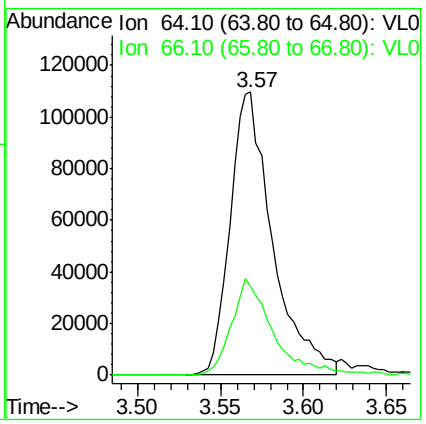


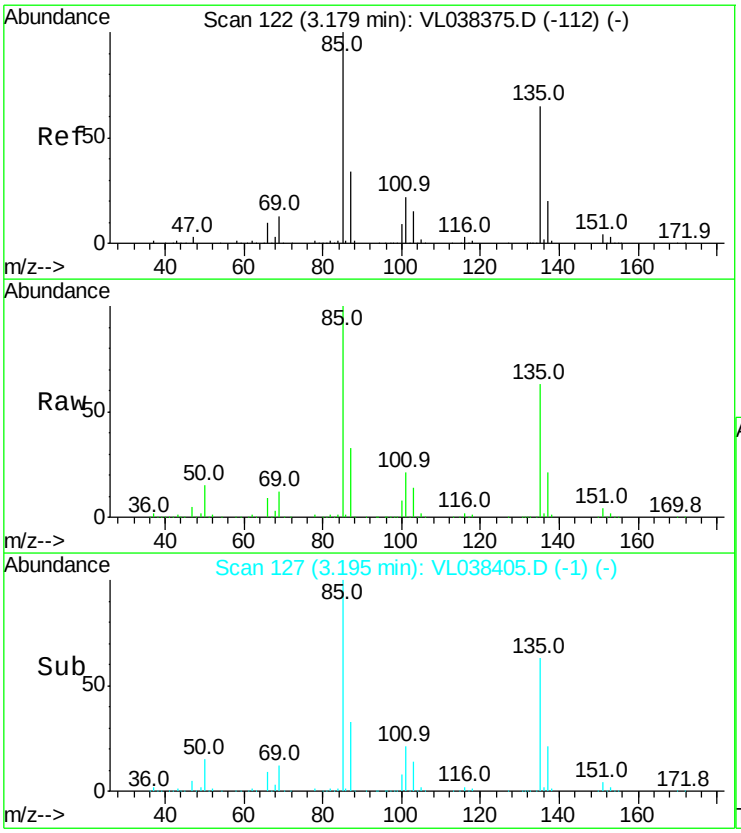
#7
Chloroethane
Concen: 9.69 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 195523

Ion	Ratio	Lower	Upper
64	100		
66	31.4	25.9	38.9

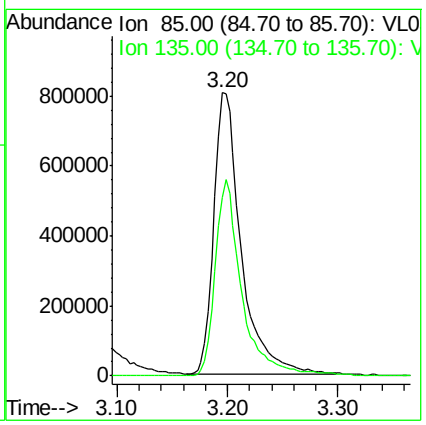


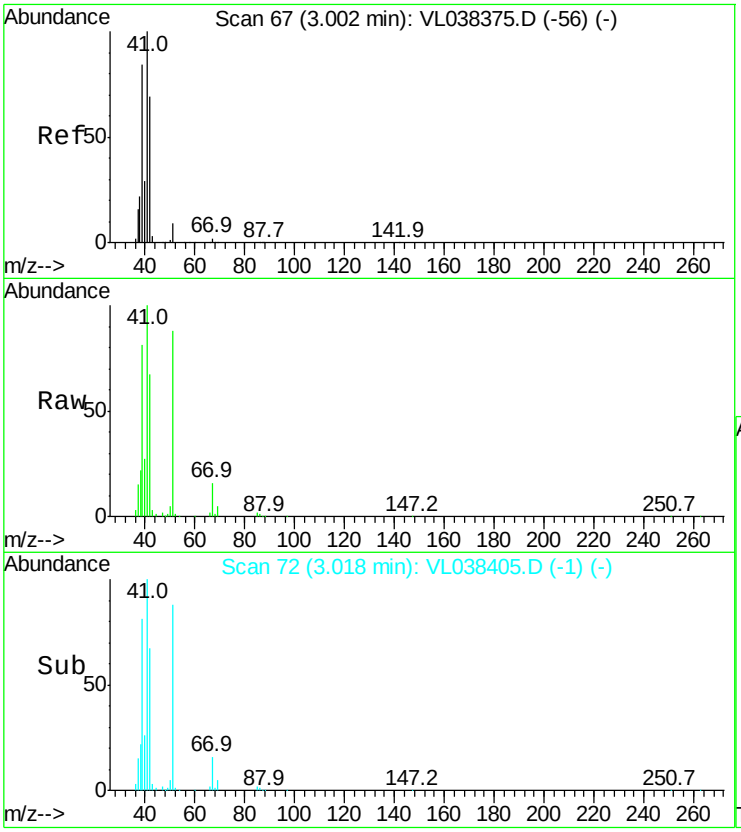


#8
Dichlorotetrafluoroethane
Concen: 9.61 ppbv
RT: 3.20 min Scan# 127
Delta R.T. 0.02 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 85 Resp: 1387067

Ion	Ratio	Lower	Upper
85	100		
135	68.1	54.1	81.1



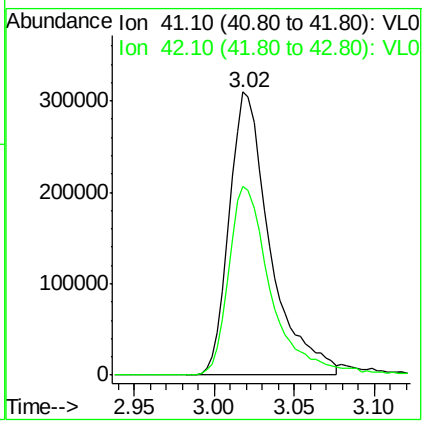


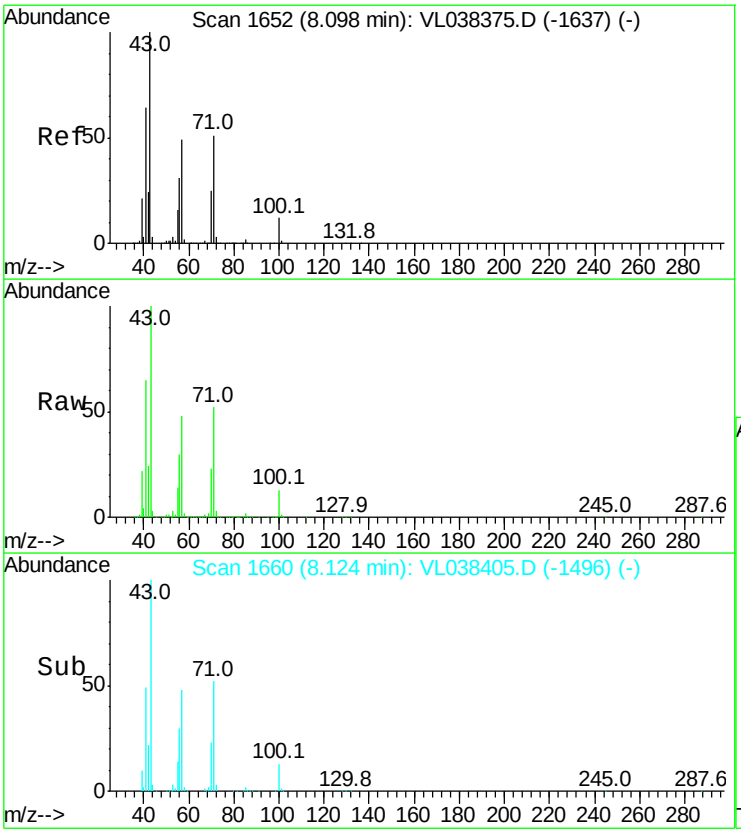
#9
Propene
Concen: 9.44 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 539503

Ion	Ratio	Lower	Upper
41	100		
42	70.1	54.6	82.0

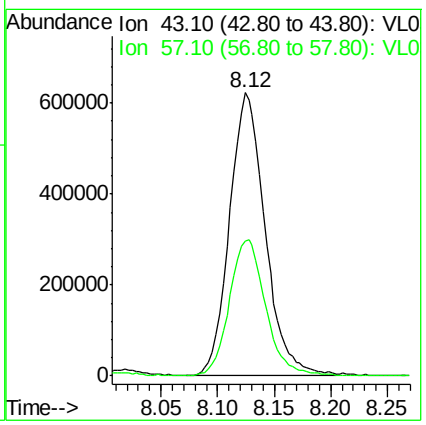


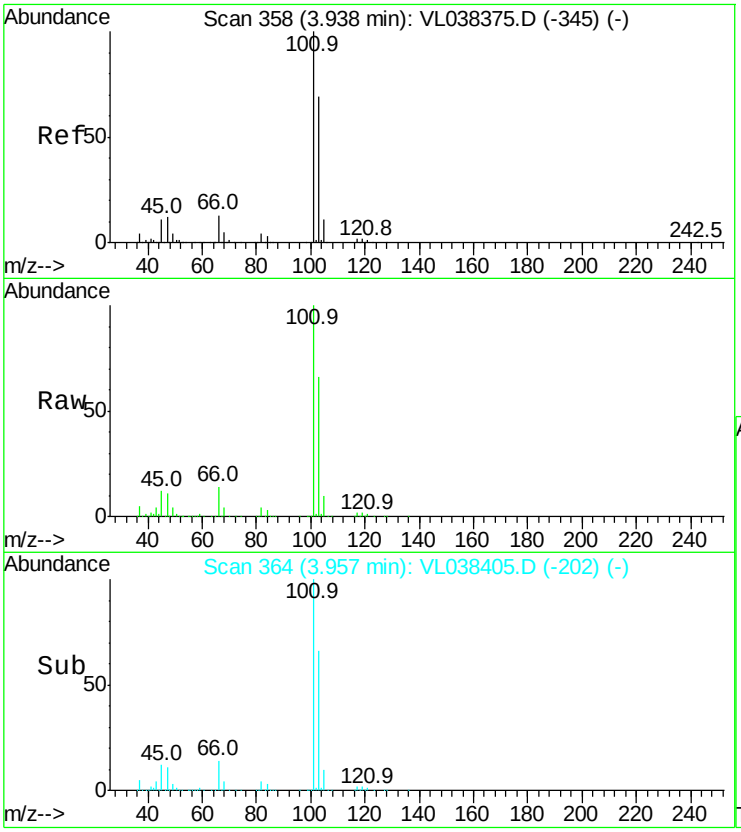


#10
Heptane
Concen: 9.74 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 43 Resp: 1354146

Ion	Ratio	Lower	Upper
43	100		
57	49.5	39.8	59.8



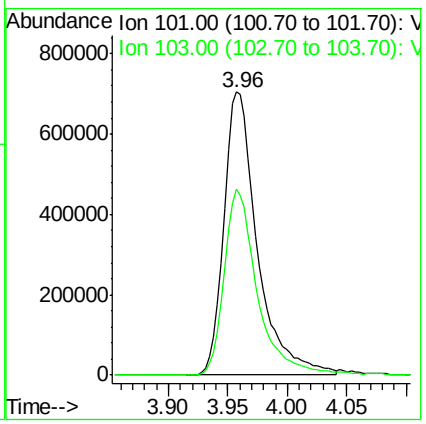


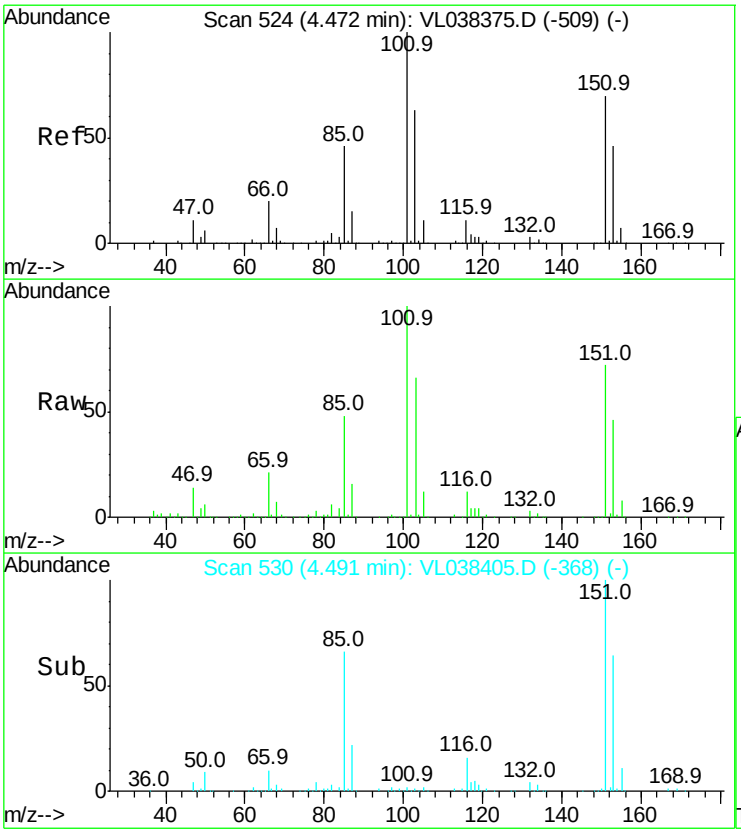
#11
Trichlorofluoromethane
Concen: 9.26 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1376035

Ion	Ratio	Lower	Upper
101	100		
103	65.8	55.0	82.4

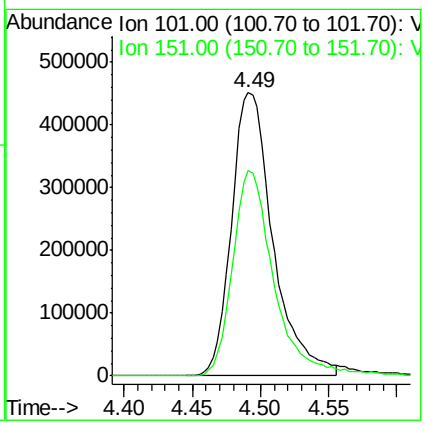


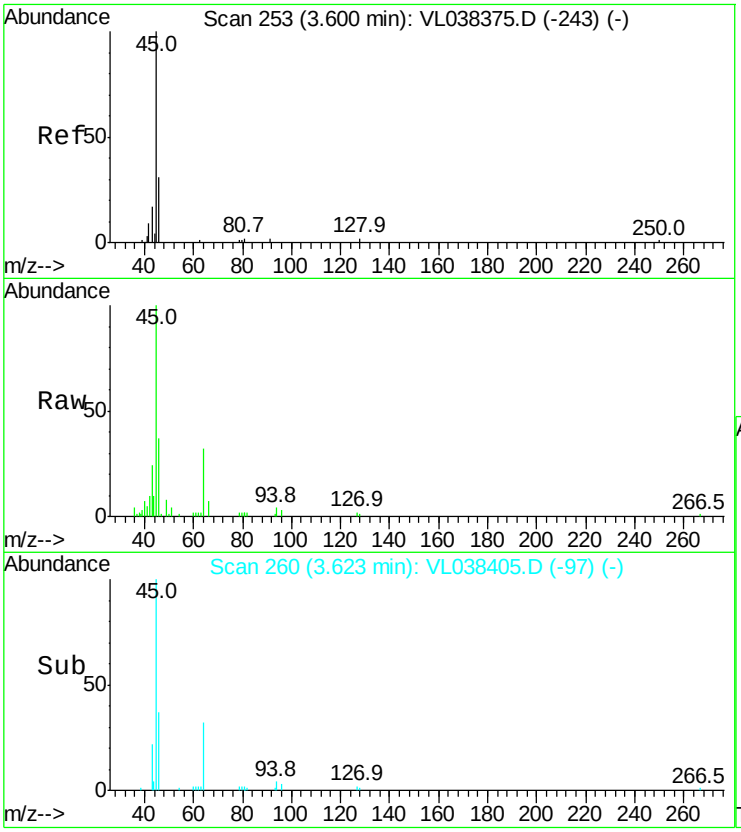


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.77 ppbv
RT: 4.49 min Scan# 530
Delta R.T. 0.02 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:101 Resp: 955827

Ion	Ratio	Lower	Upper
101	100		
151	72.6	55.9	83.9



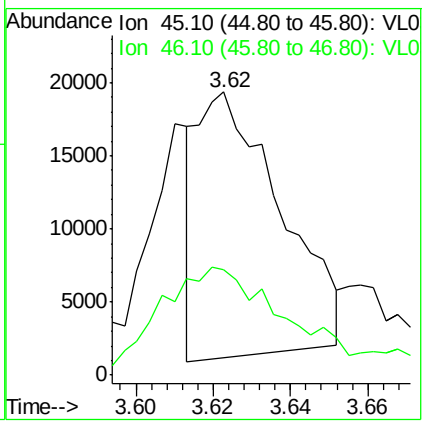


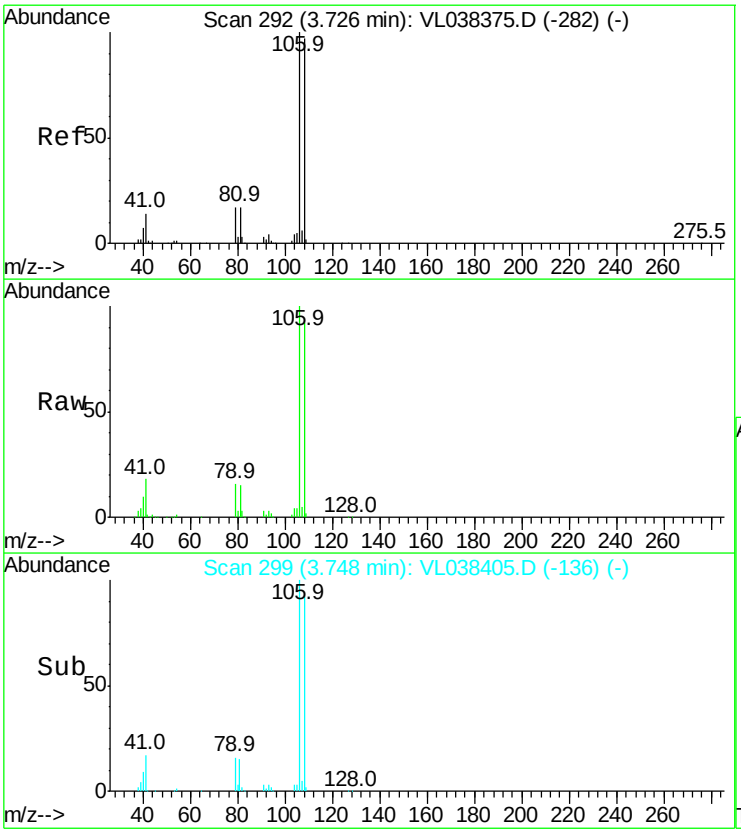
#13
Ethanol
Concen: 4.73 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 26971

Ion	Ratio	Lower	Upper
45	100		
46	73.3	18.2	72.8#

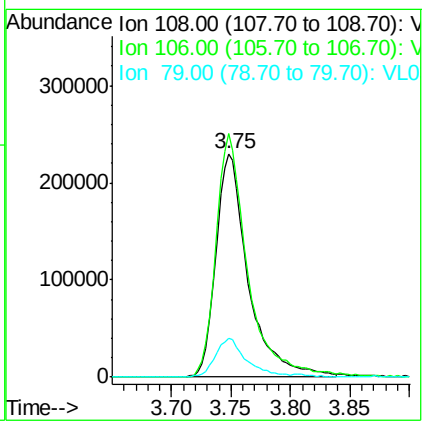


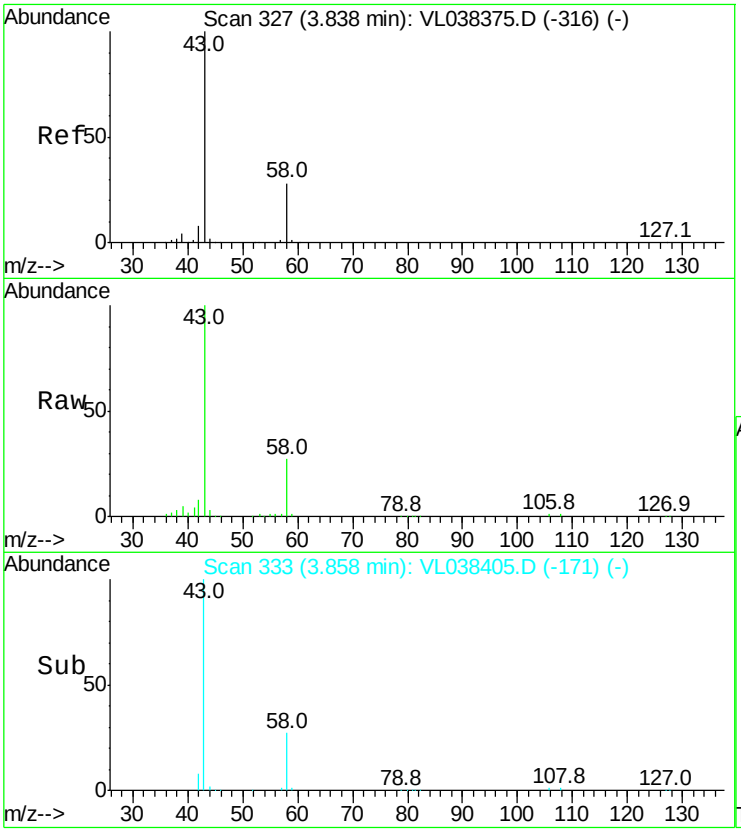


#14
Bromoethene
Concen: 9.97 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.02 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:108 Resp: 432789

Ion	Ratio	Lower	Upper
108	100		
106	107.8	88.4	132.6
79	17.8	15.0	22.6



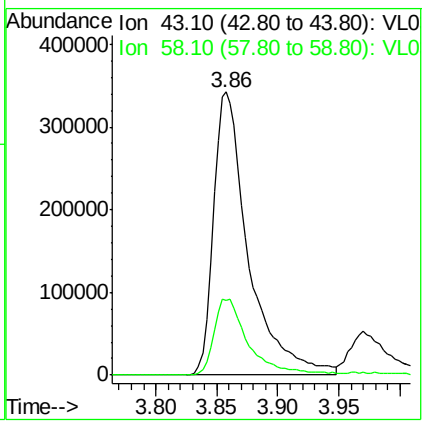


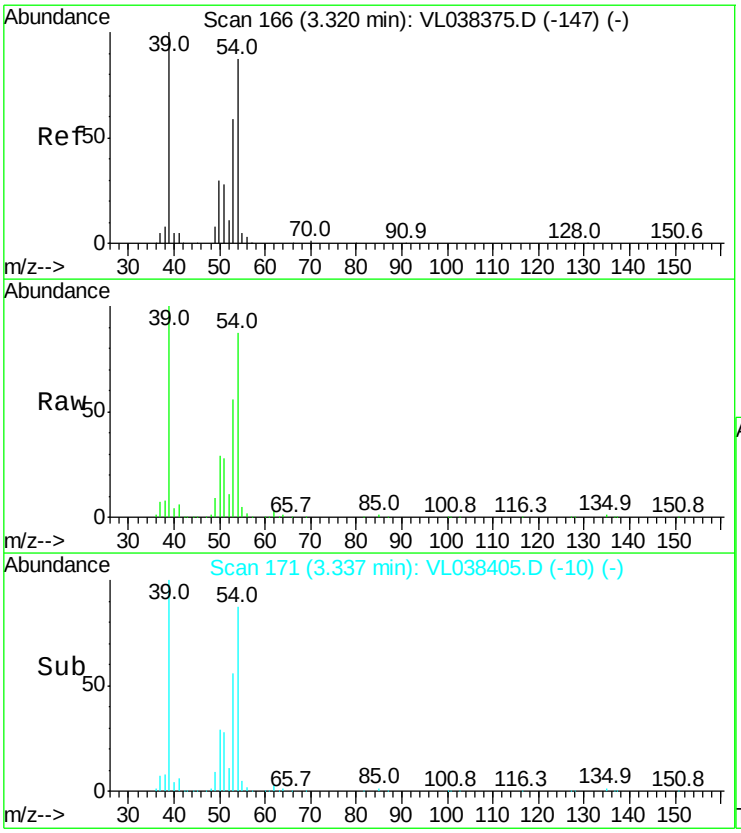
#15
Acetone
Concen: 8.23 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 685655

Ion	Ratio	Lower	Upper
43	100		
58	26.9	21.7	32.5

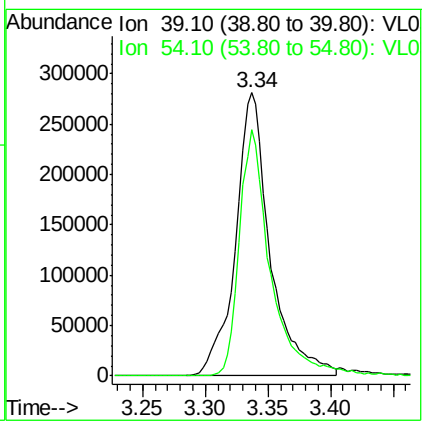


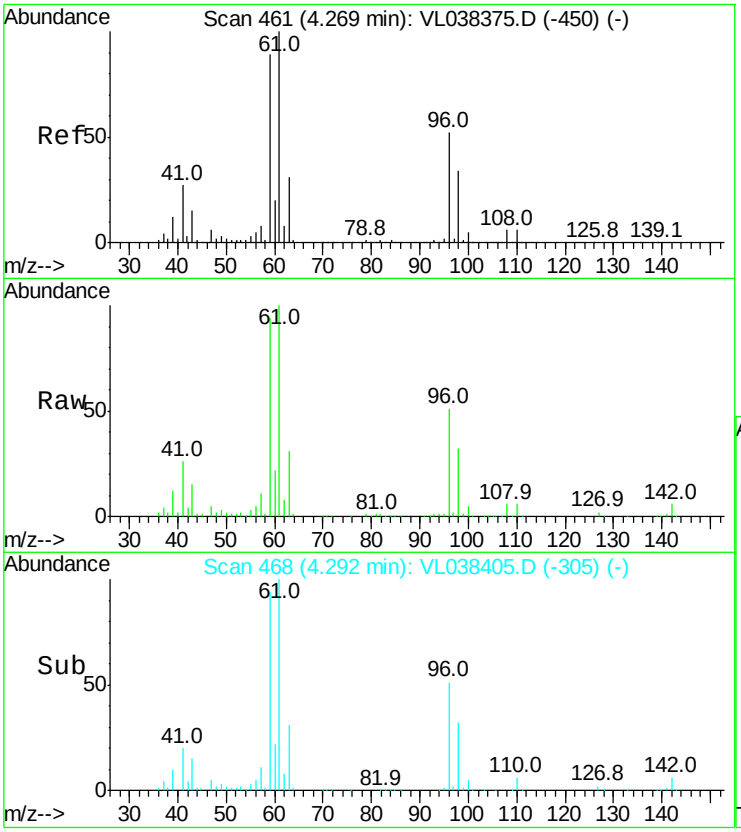


#16
1,3-Butadiene
Concen: 9.71 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.02 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 39 Resp: 540325

Ion	Ratio	Lower	Upper
39	100		
54	78.8	60.3	90.5



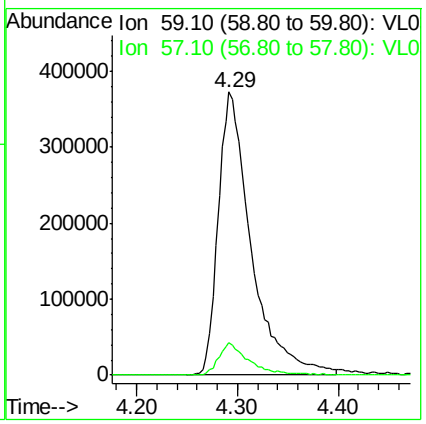


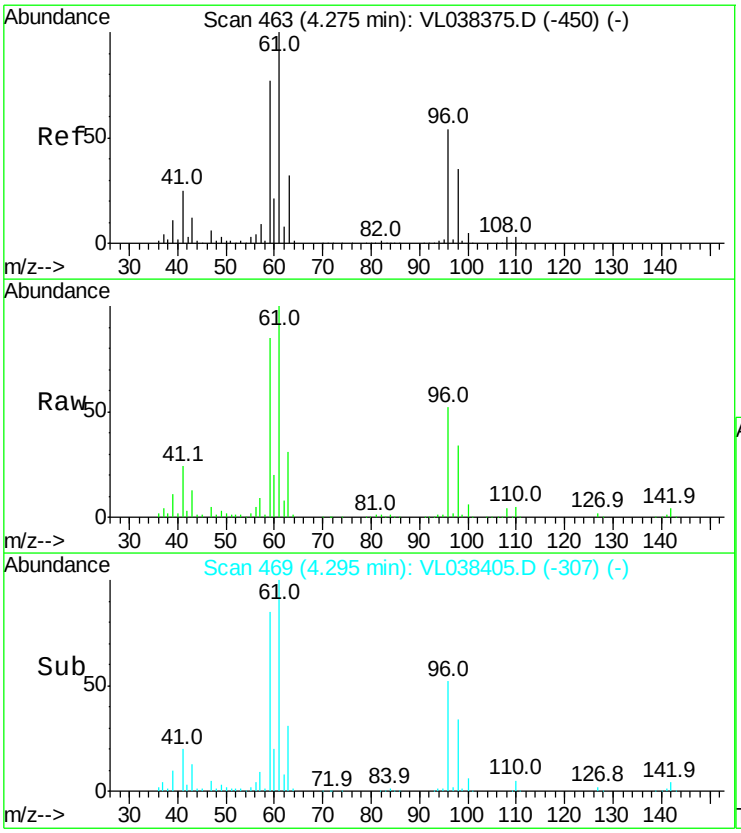
#17
tert-Butyl alcohol
Concen: 10.24 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 851152

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.4	12.6

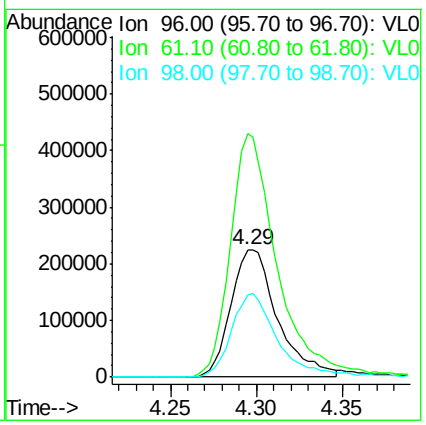


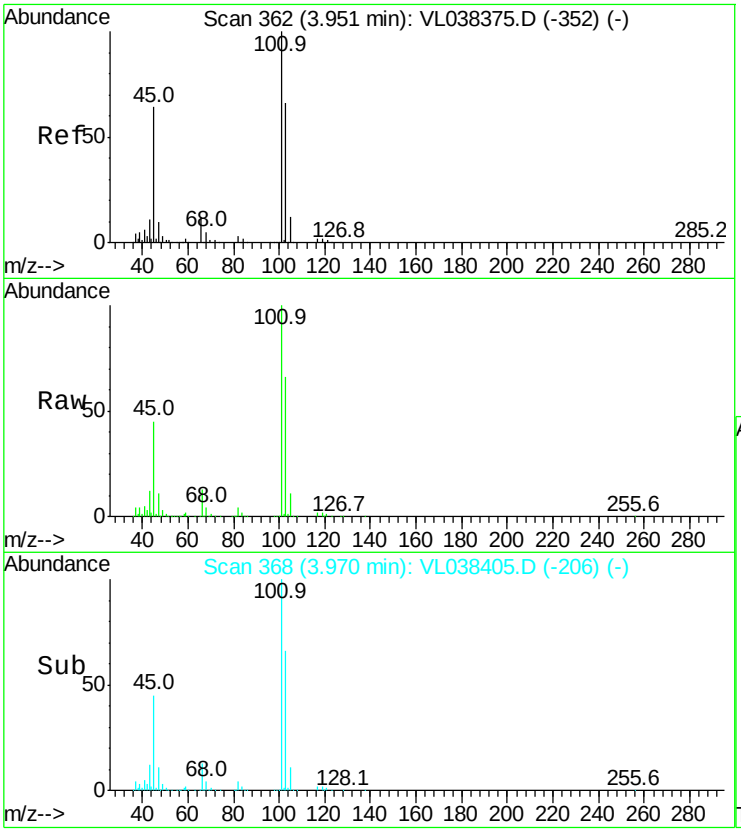


#18
1,1-Dichloroethene
Concen: 8.89 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.02 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 96 Resp: 424949

Ion	Ratio	Lower	Upper
96	100		
61	191.1	146.8	220.2
98	64.9	51.5	77.3



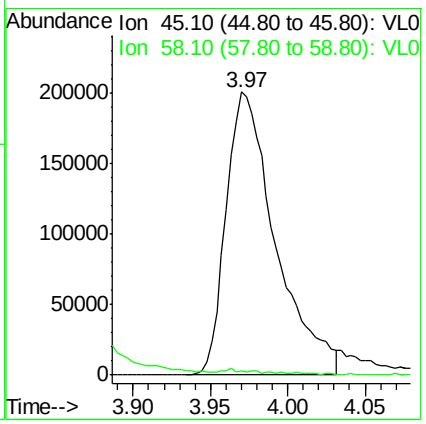


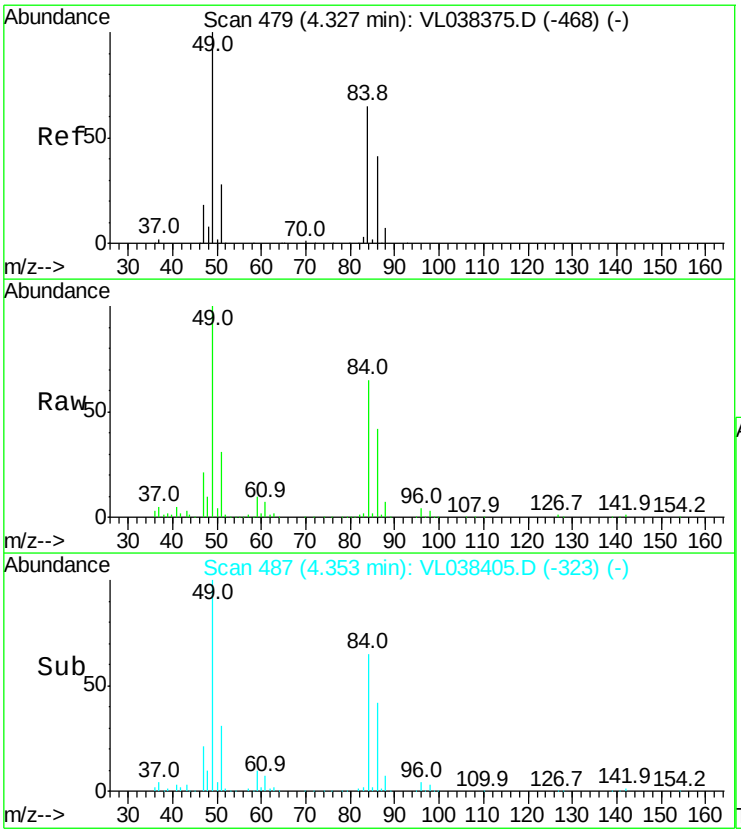
#19
Isopropyl Alcohol
Concen: 9.26 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 446850

Ion	Ratio	Lower	Upper
45	100		
58	1.7	1.8	2.8#

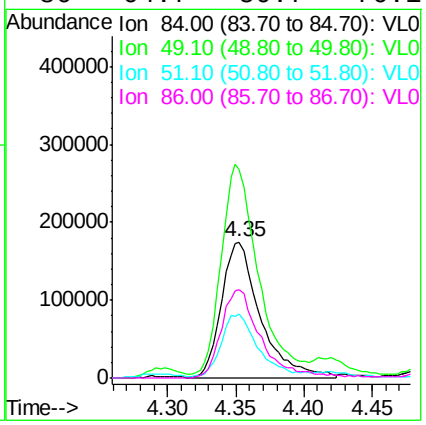


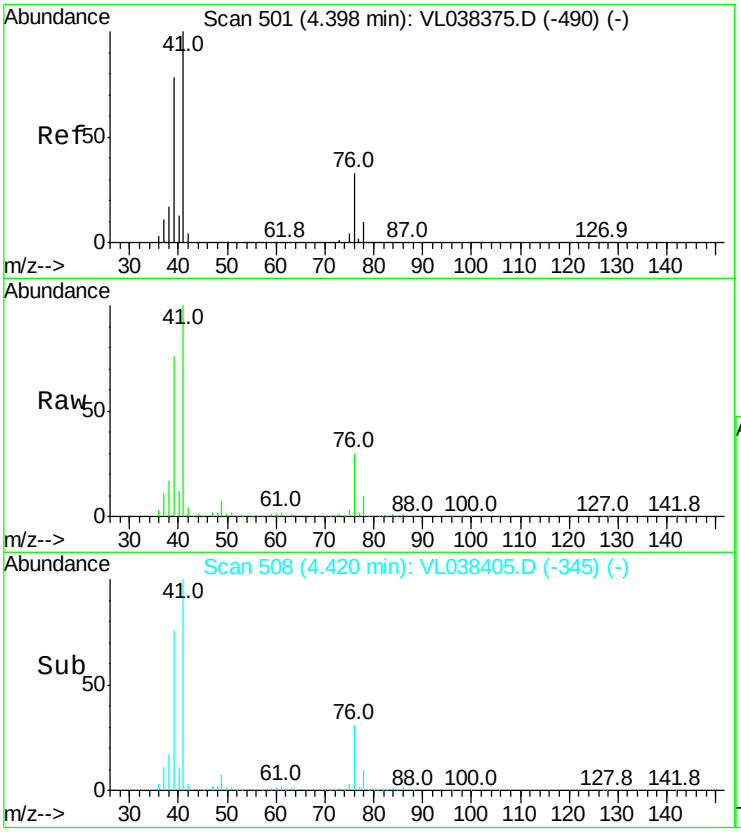


#20
Methylene Chloride
Concen: 8.32 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 84 Resp: 343578

Ion	Ratio	Lower	Upper
84	100		
49	151.6	122.4	183.6
51	45.3	33.3	49.9
86	64.7	50.7	76.1



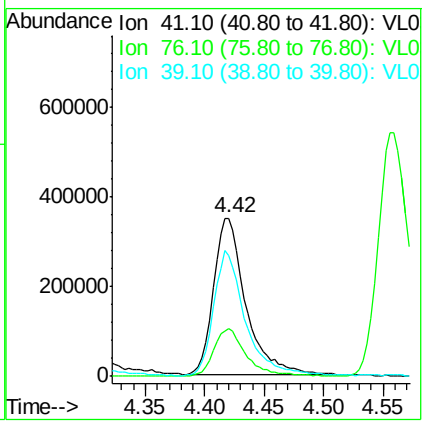


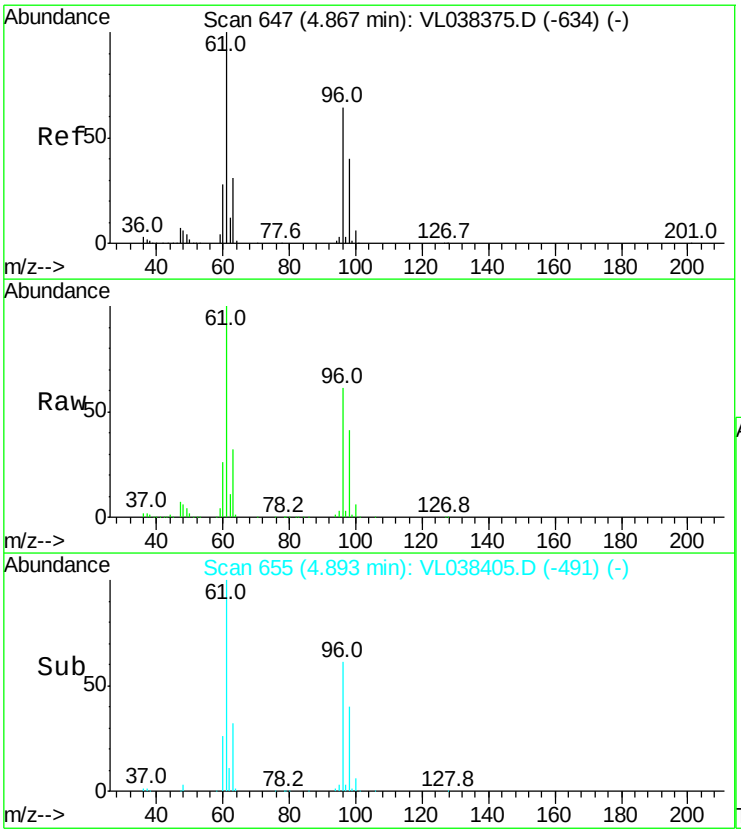
#21
Allyl Chloride
Concen: 9.36 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 658792

Ion	Ratio	Lower	Upper
41	100		
76	30.8	25.4	38.0
39	78.7	63.0	94.6

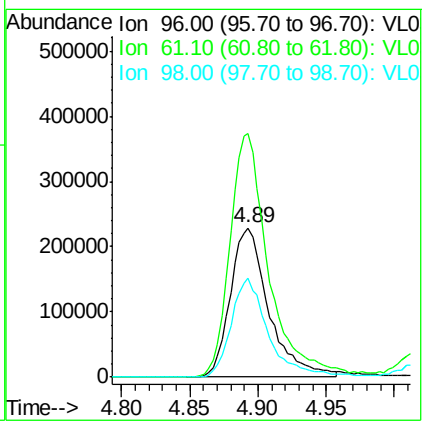


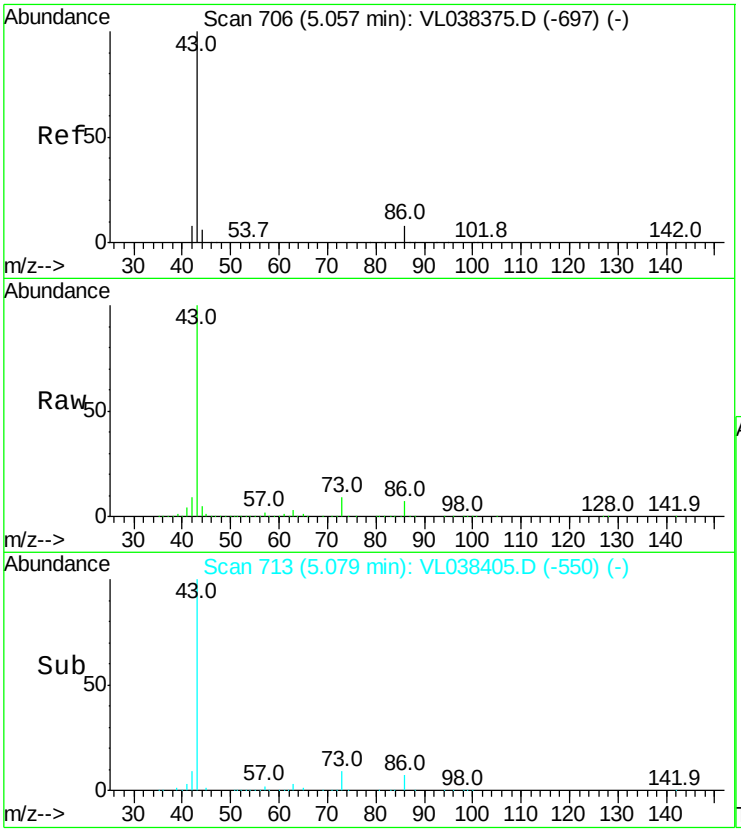


#22
trans-1,2-Dichloroethene
Concen: 9.29 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 96 Resp: 448494

Ion	Ratio	Lower	Upper
96	100		
61	163.2	124.2	186.4
98	66.6	49.1	73.7



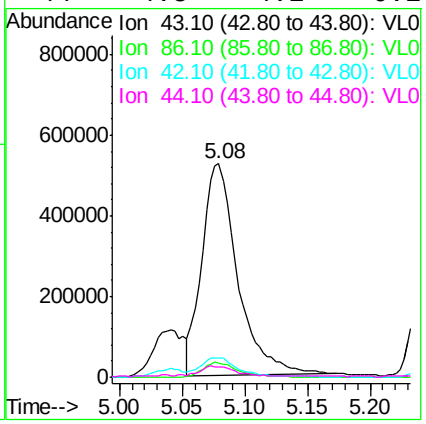


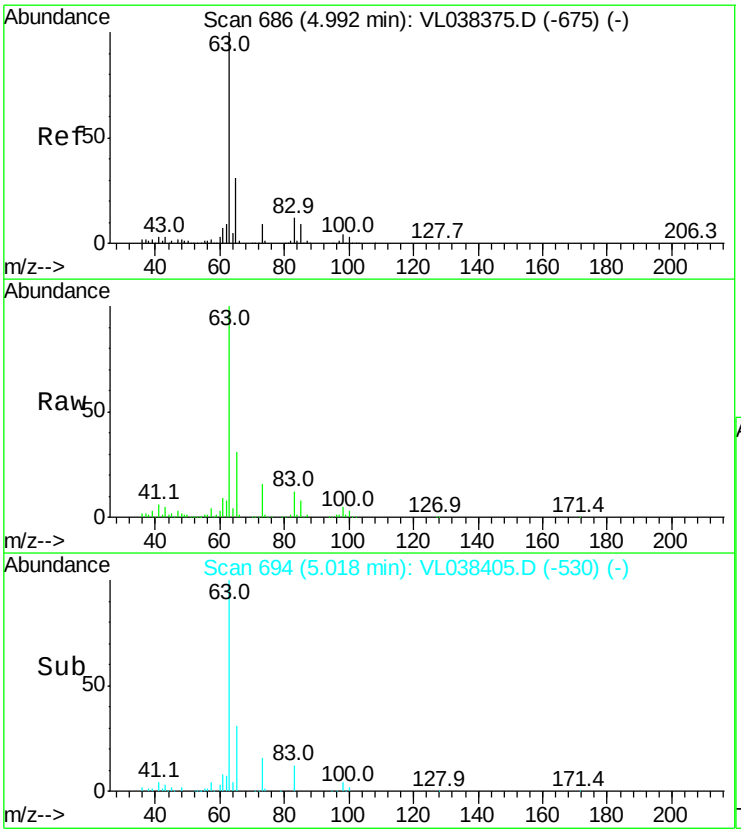
#23
Vinyl Acetate
Concen: 9.49 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1047659

Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.8	8.6
42	9.2	7.4	11.0
44	4.5	4.2	6.2

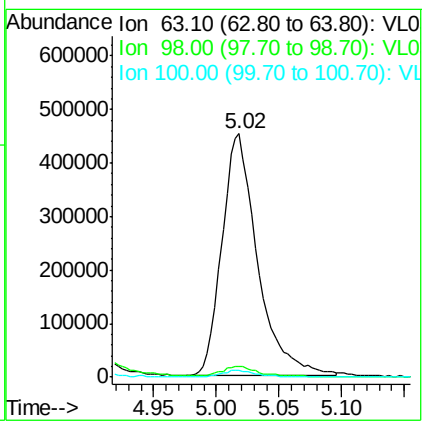


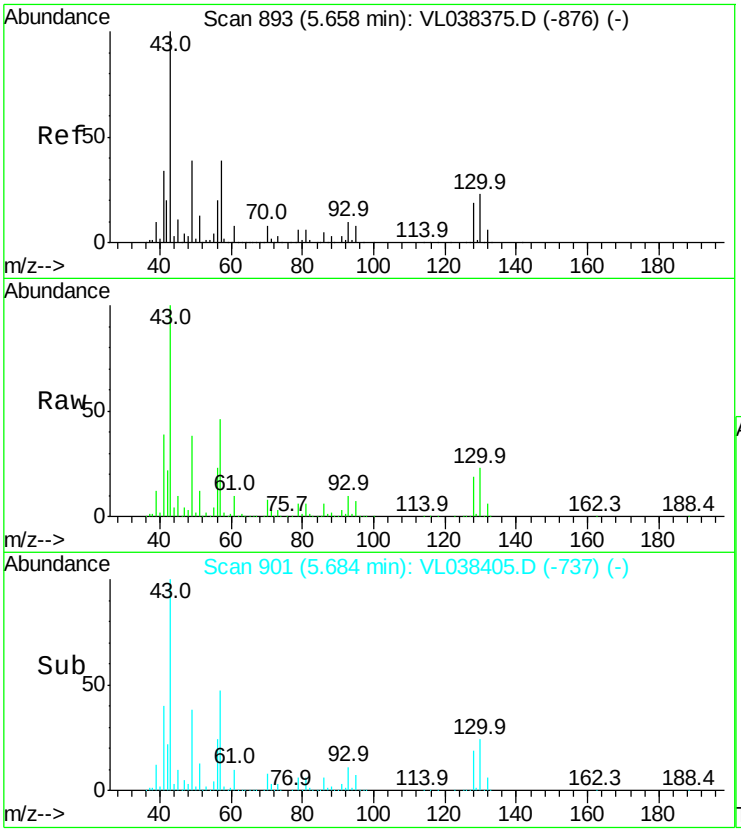


#24
1,1-Dichloroethane
Concen: 8.96 ppbv
RT: 5.02 min Scan# 694
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 63 Resp: 889325

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.1	6.5
100	2.8	1.4	4.2



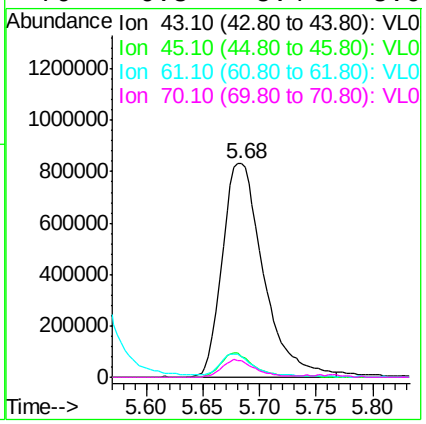


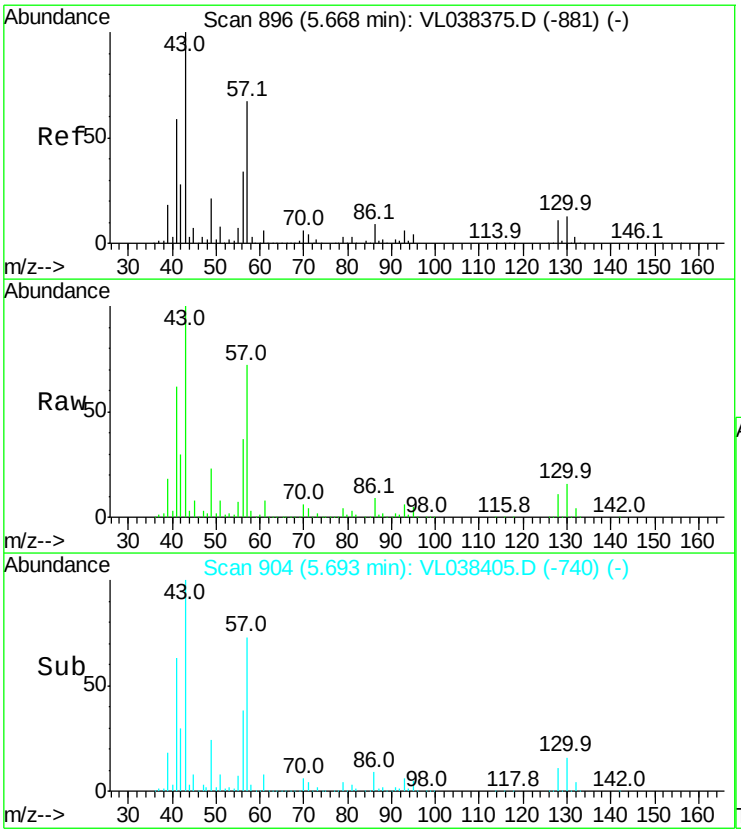
#25
Ethyl Acetate
Concen: 9.39 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2101318

Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.8	11.6
61	9.6	7.5	11.3
70	6.8	5.4	8.0

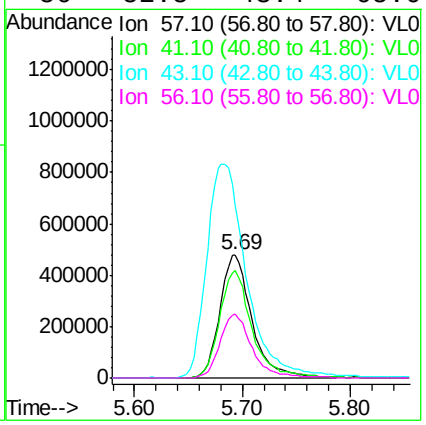


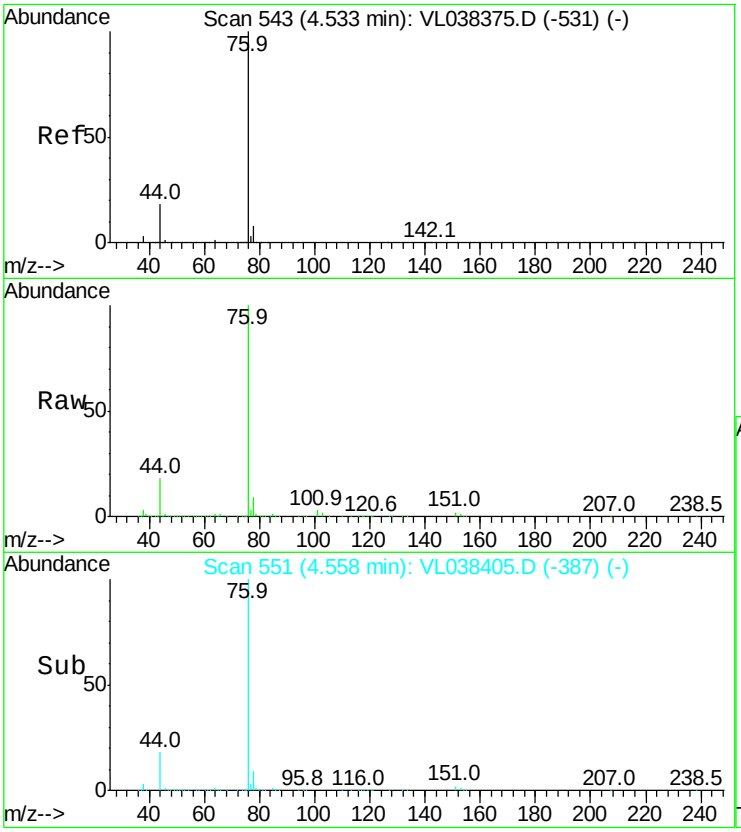


#26
Hexane
Concen: 9.77 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 57 Resp: 990938

Ion	Ratio	Lower	Upper
57	100		
41	89.2	73.1	109.7
43	216.4	181.0	271.4
56	52.5	43.4	65.0



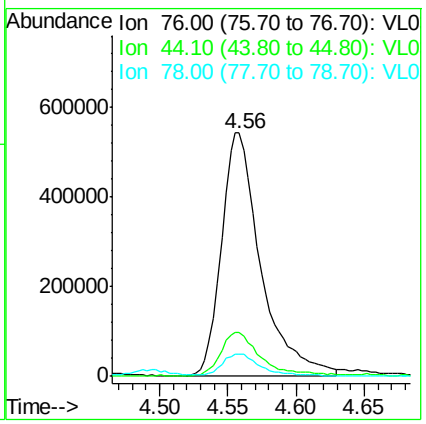


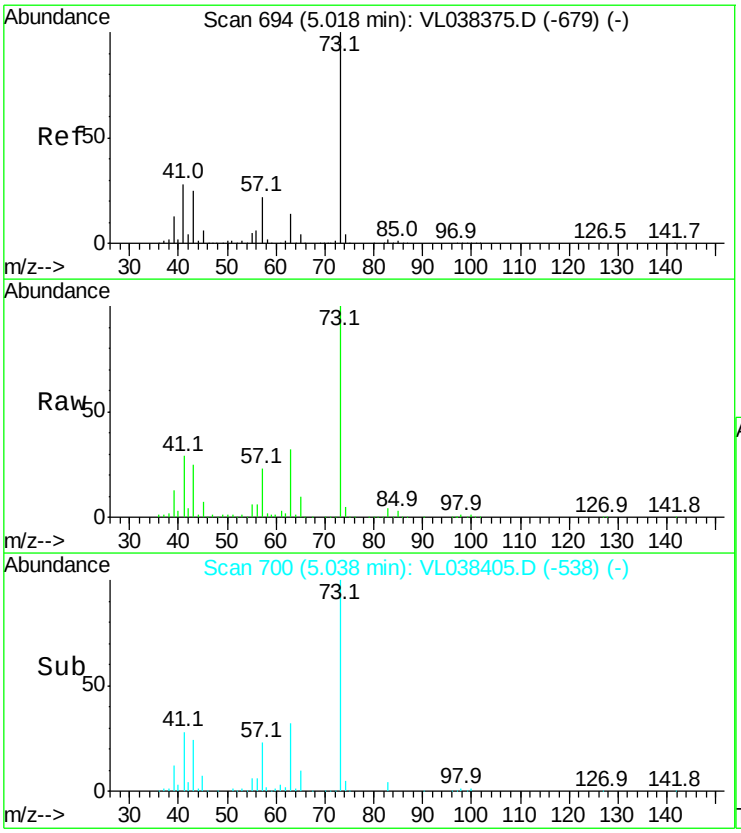
#27
Carbon Disulfide
Concen: 9.62 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1084336

Ion	Ratio	Lower	Upper
76	100		
44	18.4	14.2	21.2
78	9.8	7.8	11.6

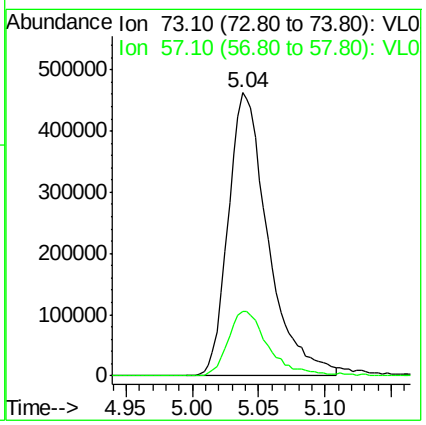


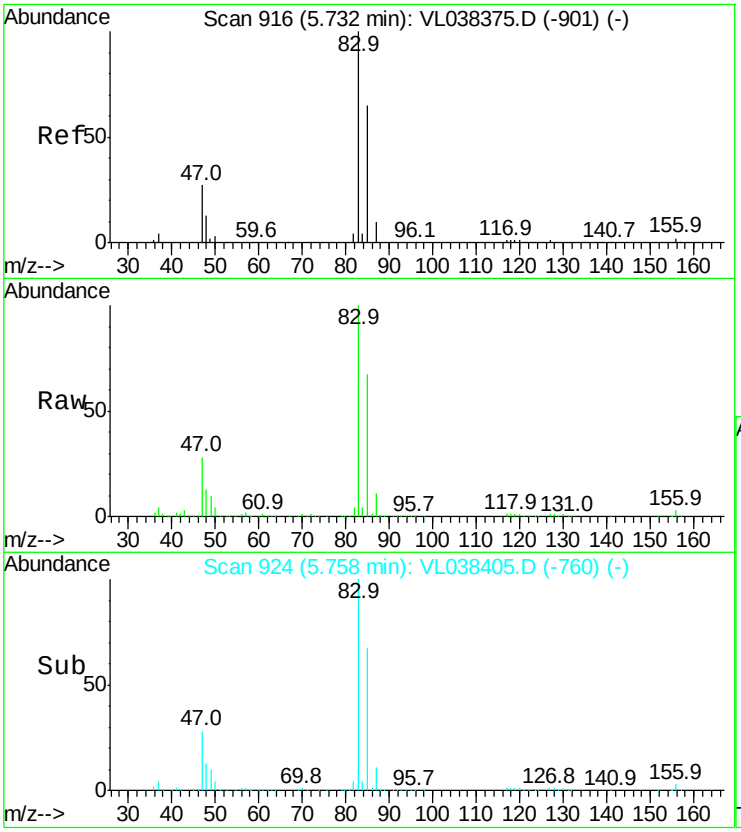


#28
Methyl tert-Butyl Ether
Concen: 9.36 ppbv
RT: 5.04 min Scan# 700
Delta R.T. 0.02 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 73 Resp: 966945

Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.2	27.4



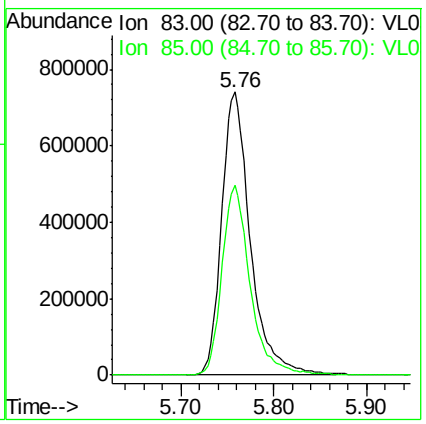


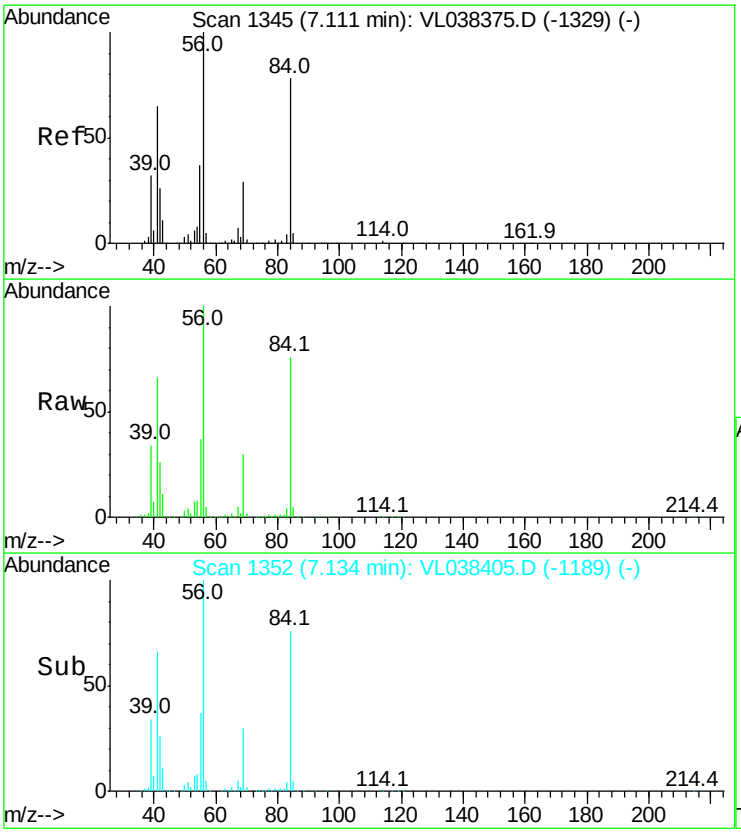
#29
Chloroform
Concen: 9.62 ppbv
RT: 5.76
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1591451

Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.6	77.4

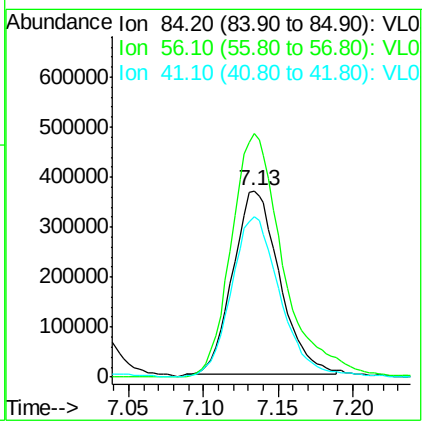


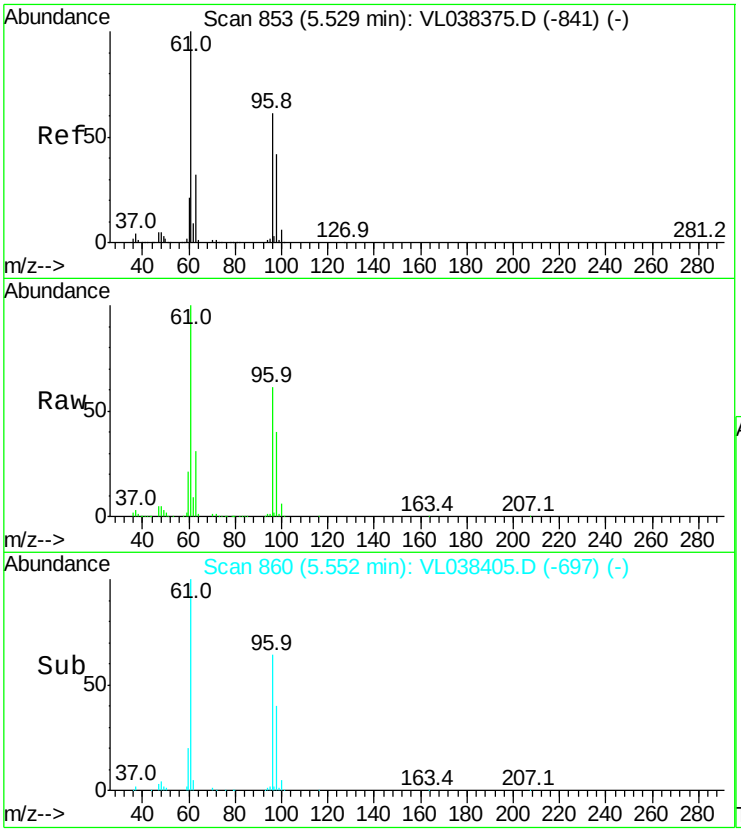


#30
Cyclohexane
Concen: 9.72 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.02 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 84 Resp: 805985

Ion	Ratio	Lower	Upper
84	100		
56	146.8	116.2	174.4
41	91.4	74.3	111.5



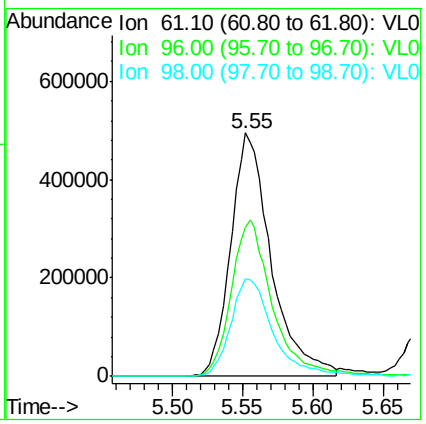


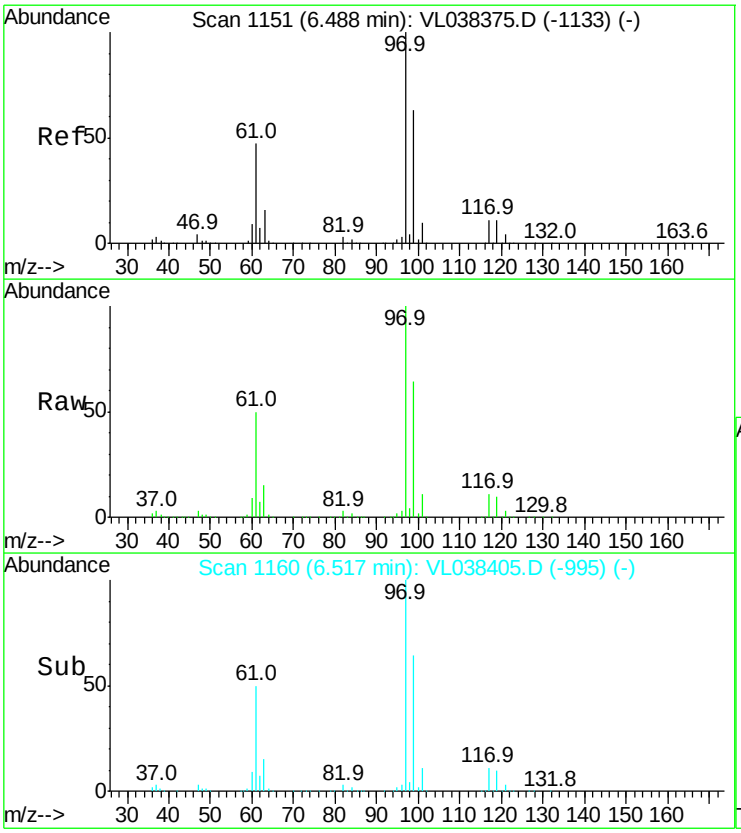
#31
cis-1,2-Dichloroethene
Concen: 10.08 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 990351

Ion	Ratio	Lower	Upper
61	100		
96	61.3	48.6	73.0
98	40.1	33.2	49.8

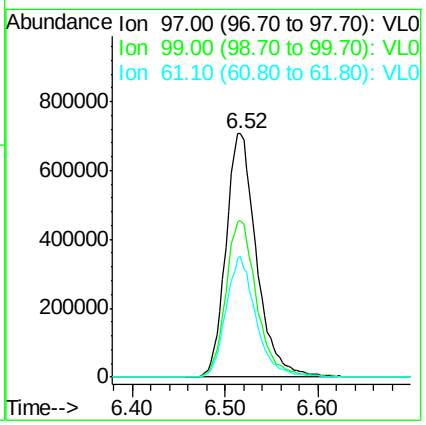


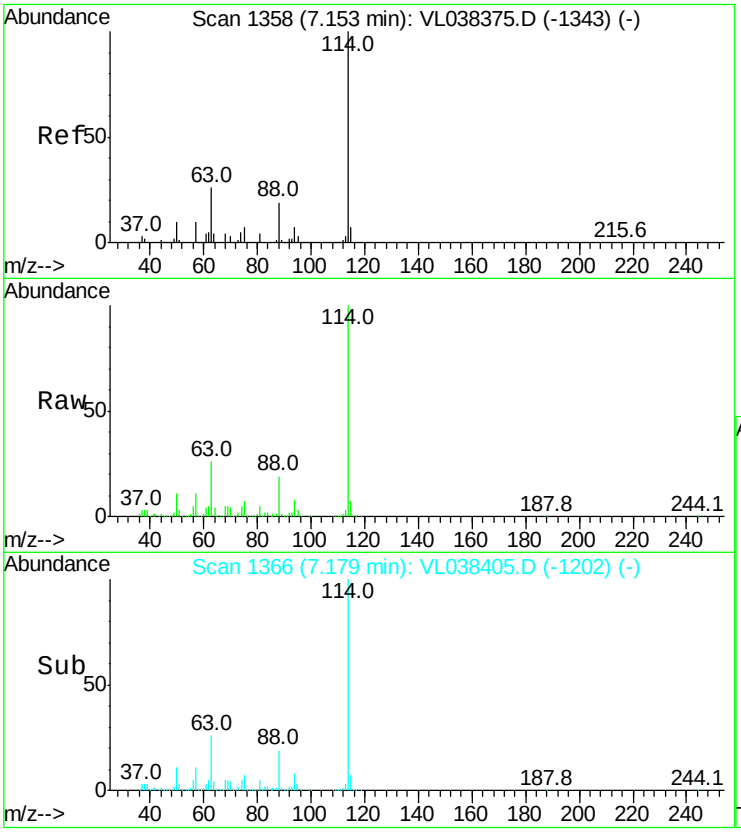


#32
1,1,1-Trichloroethane
Concen: 9.71 ppbv
RT: 6.52 min Scan# 1160
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 97 Resp: 1615163

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.9	77.9
61	48.4	40.5	60.7



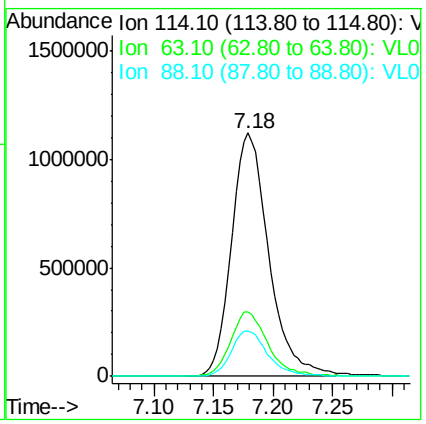


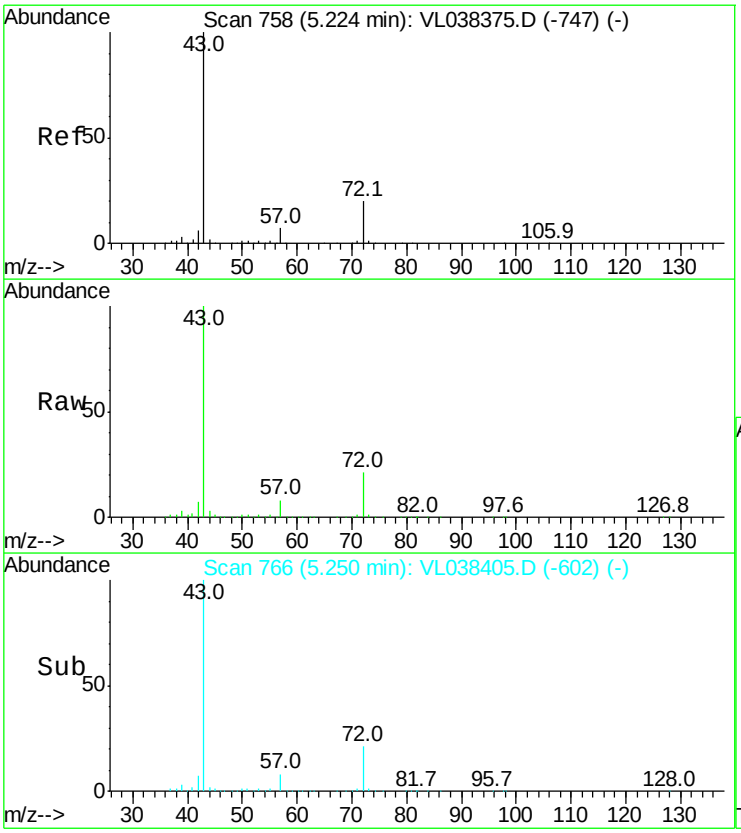
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2433671

Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.2	33.2
88	18.6	15.2	22.8

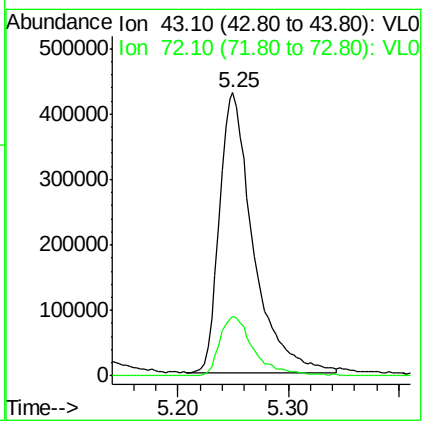


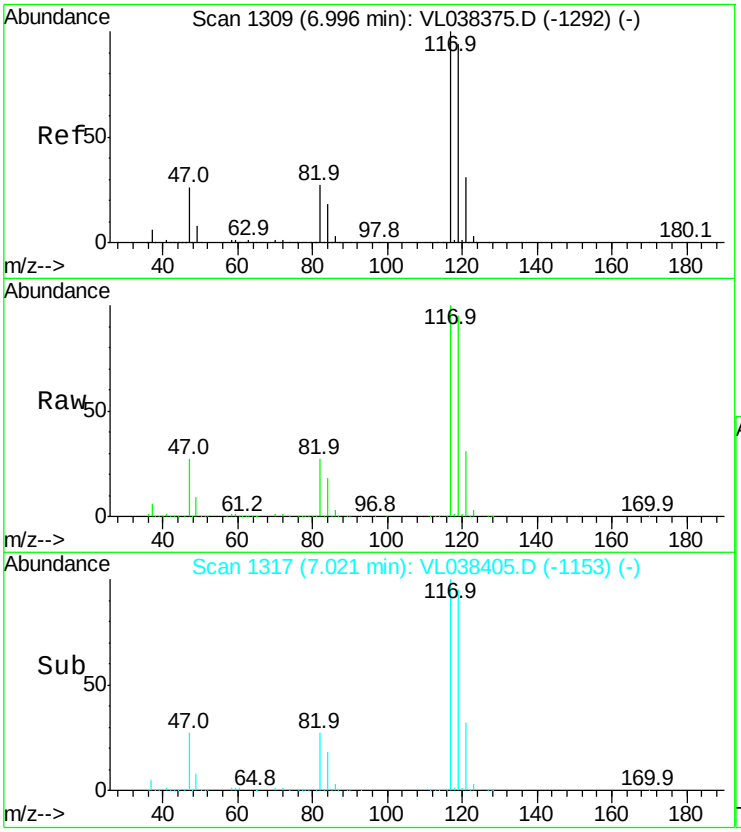


#34
2-Butanone
Concen: 11.94 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 43 Resp: 913697

Ion	Ratio	Lower	Upper
43	100		
72	22.0	17.4	26.2



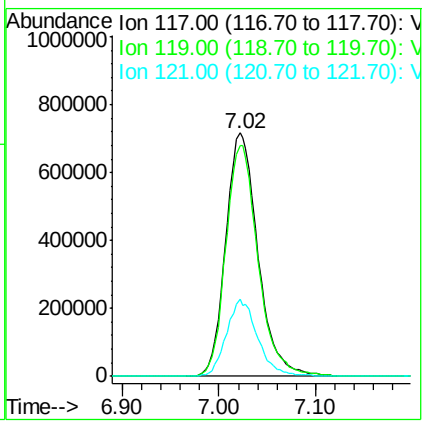


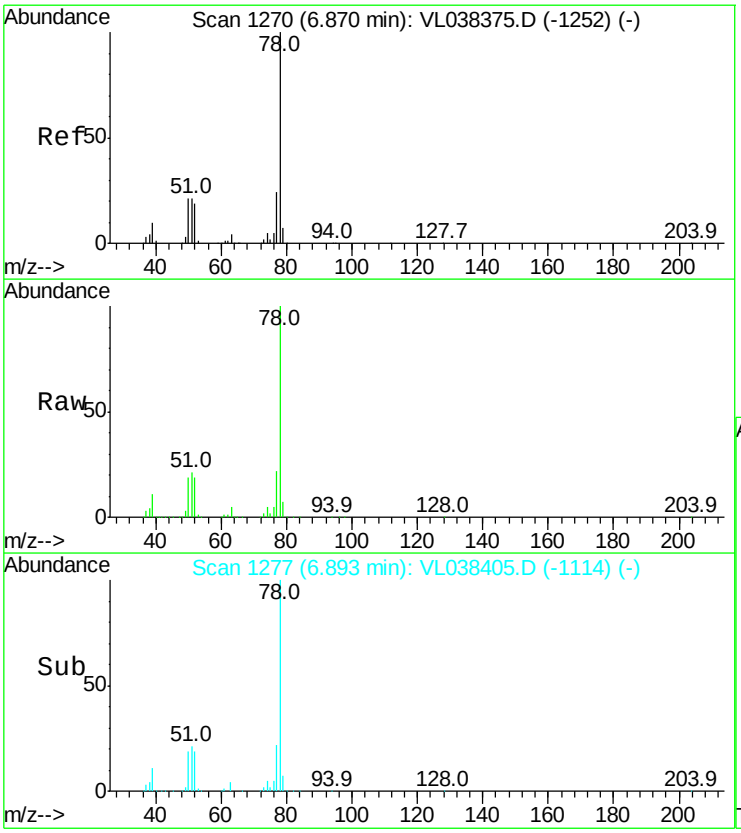
#35
Carbon Tetrachloride
Concen: 9.69 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1657901

Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.9	112.3
121	31.5	24.8	37.2

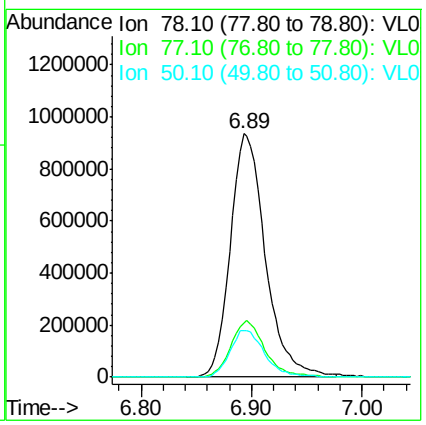


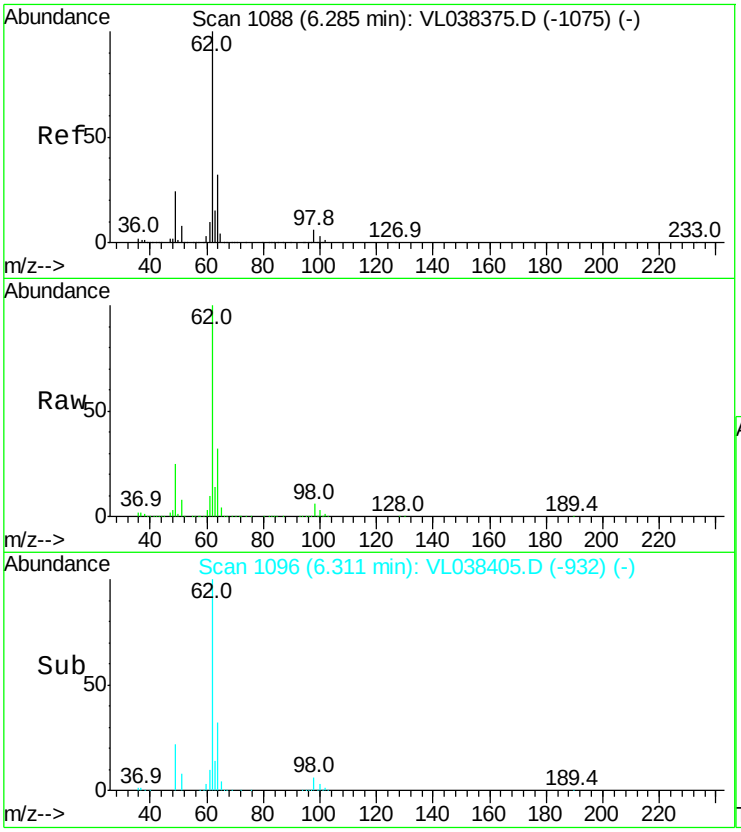


#36
Benzene
Concen: 9.62 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.02 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 78 Resp: 2061058

Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.6
50	19.3	16.6	24.8



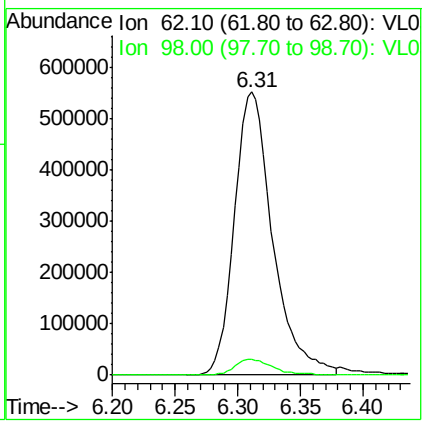


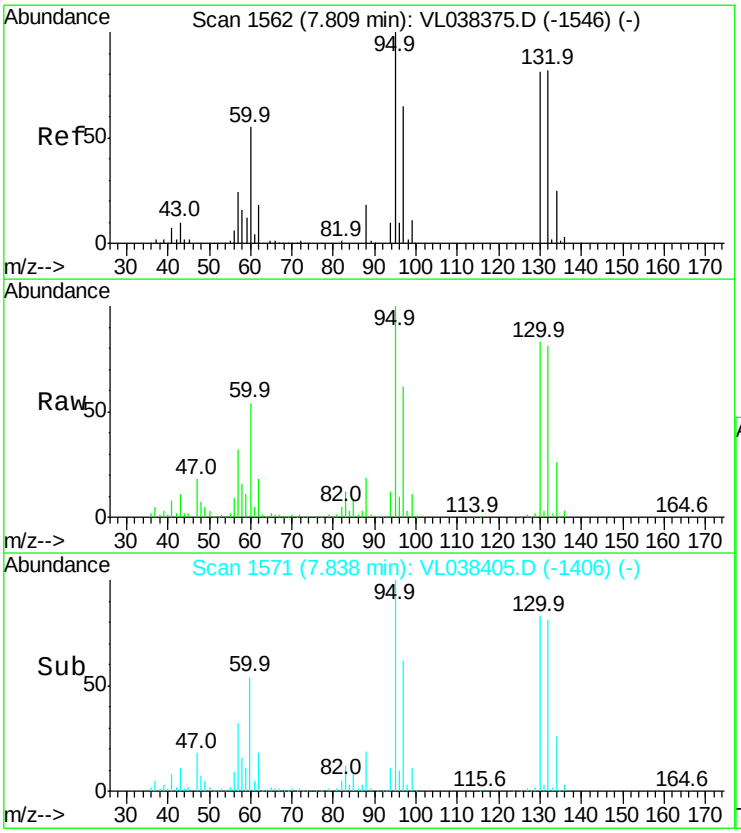
#37
1,2-Dichloroethane
Concen: 9.52 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1179016

Ion	Ratio	Lower	Upper
62	100		
98	5.9	4.6	7.0

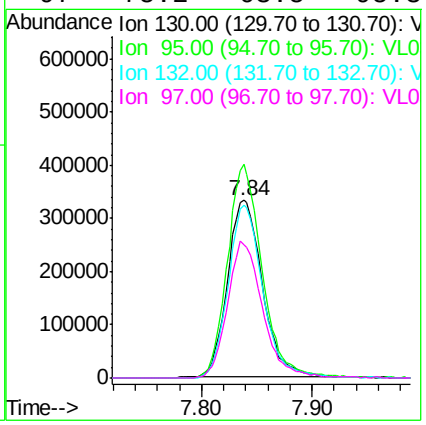


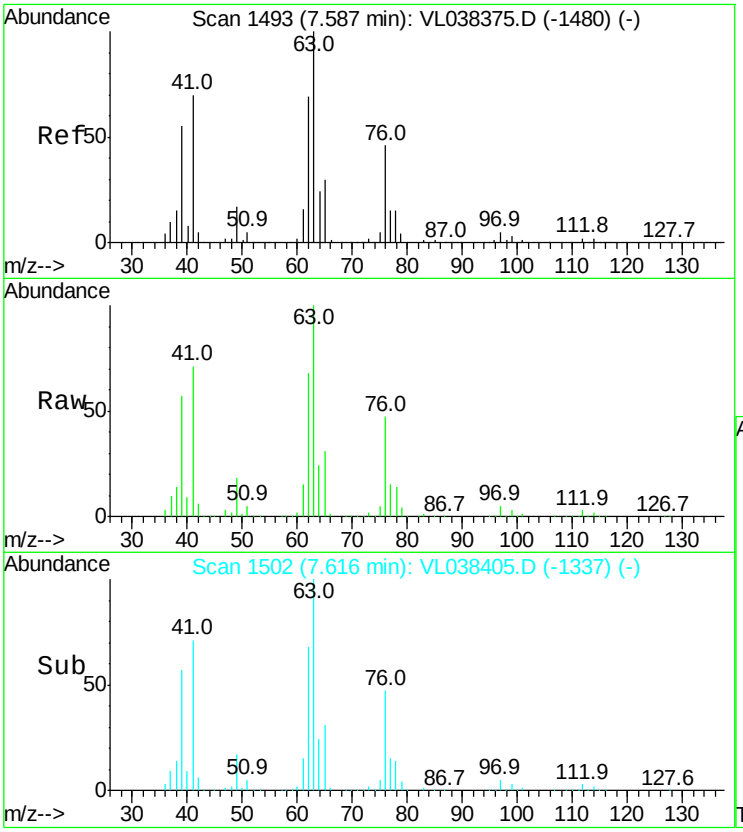


#38
Trichloroethene
Concen: 9.34 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:130 Resp: 729183

Ion	Ratio	Lower	Upper
130	100		
95	120.9	98.1	147.1
132	97.7	80.3	120.5
97	75.2	63.5	95.3



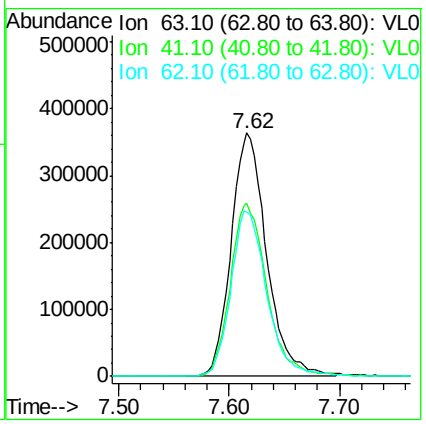


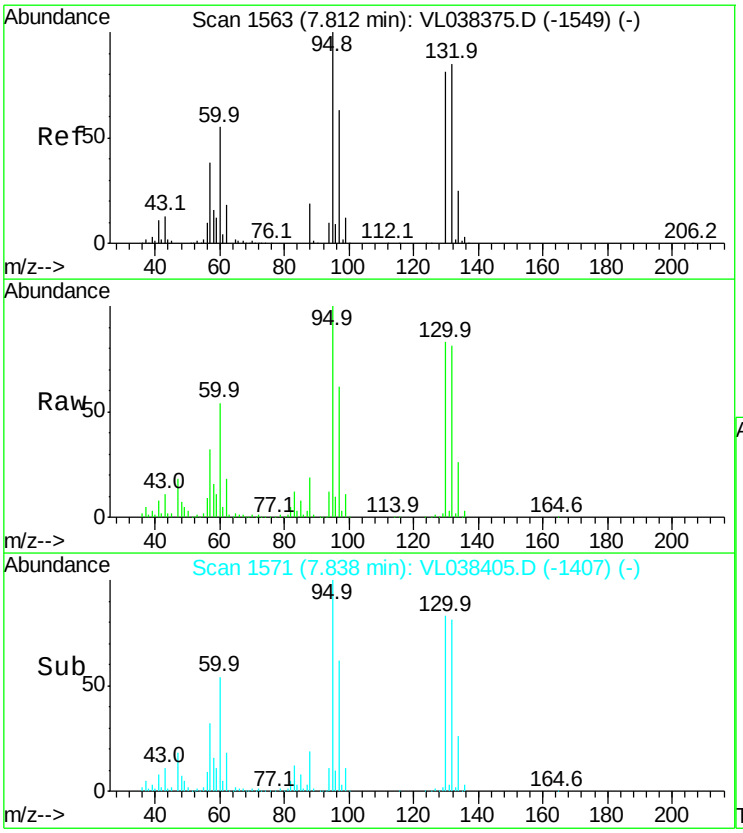
#39
1,2-Dichloropropane
Concen: 9.49 ppbv
RT: 7.62
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 810080

Ion	Ratio	Lower	Upper
63	100		
41	71.1	56.1	84.1
62	67.7	55.5	83.3

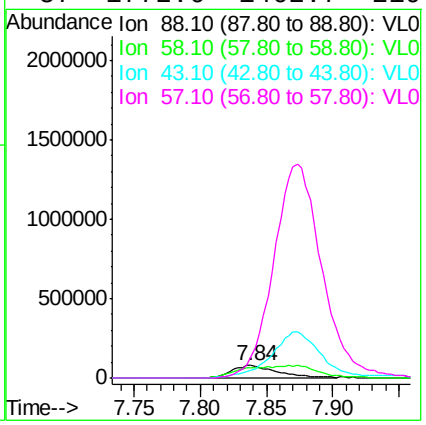


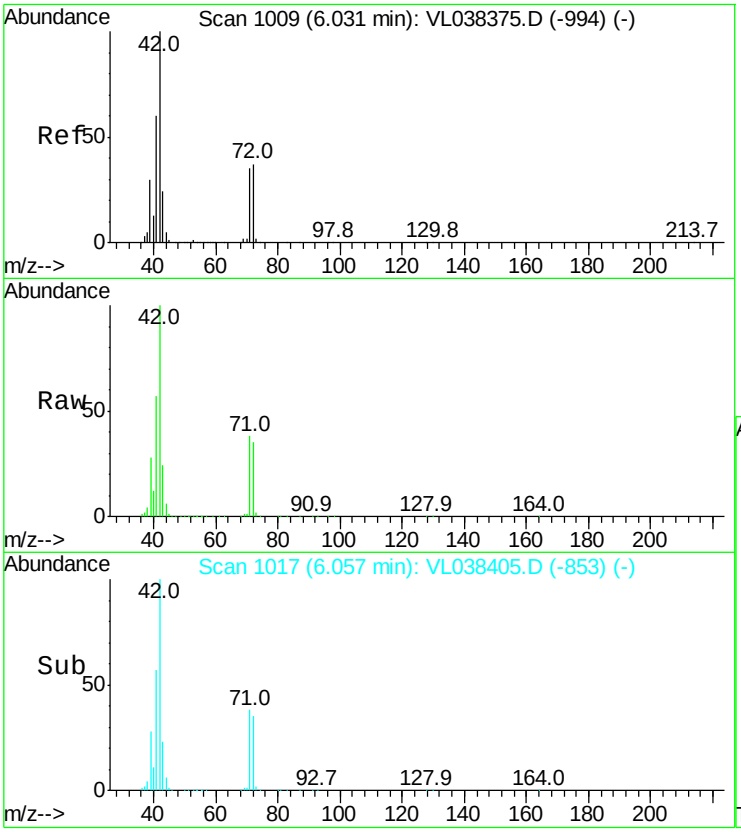


#40
1,4-Dioxane
Concen: 9.65 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 88 Resp: 195237

Ion	Ratio	Lower	Upper
88	100		
58	161.3	133.2	199.8
43	401.1	330.6	496.0
57	1772.6	1462.7	2194.1



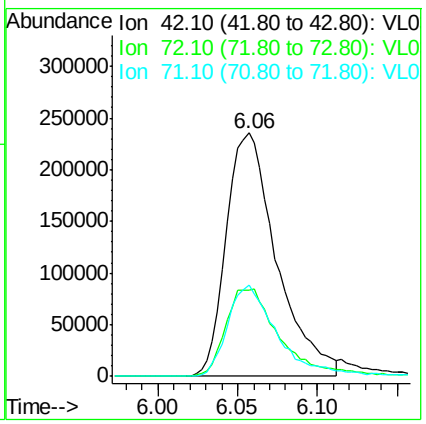


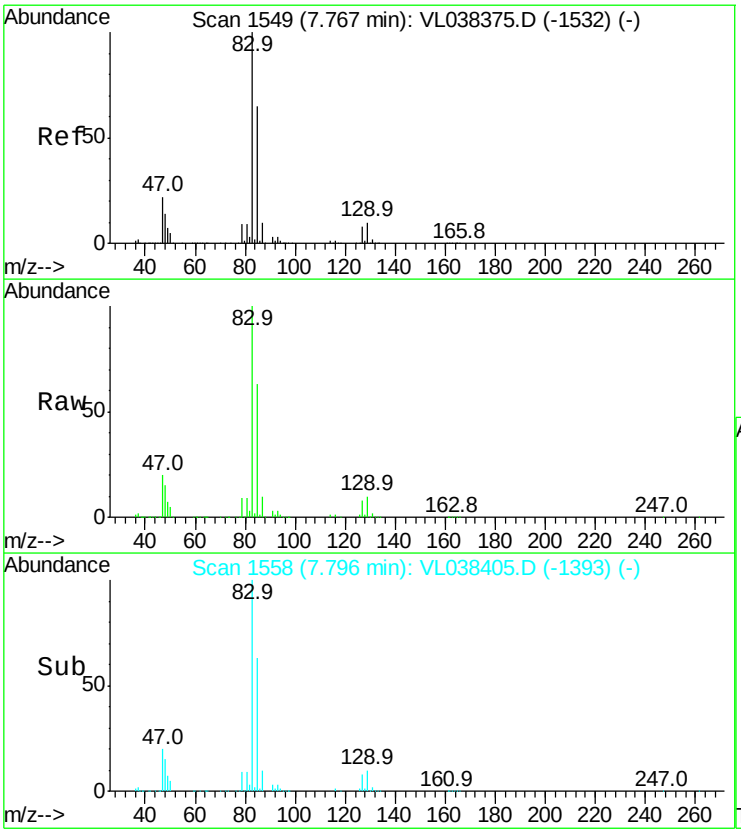
#41
Tetrahydrofuran
Concen: 9.76 ppbv
RT: 6.06
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 504767

Ion	Ratio	Lower	Upper
42	100		
72	39.4	29.9	44.9
71	37.6	28.6	42.8

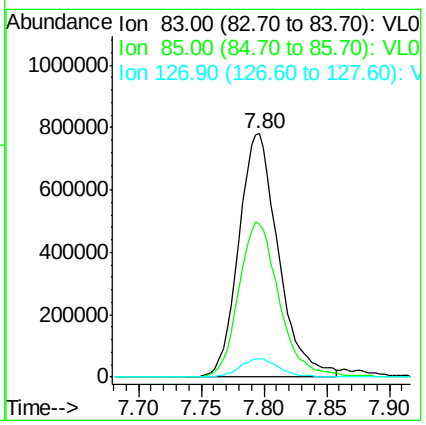


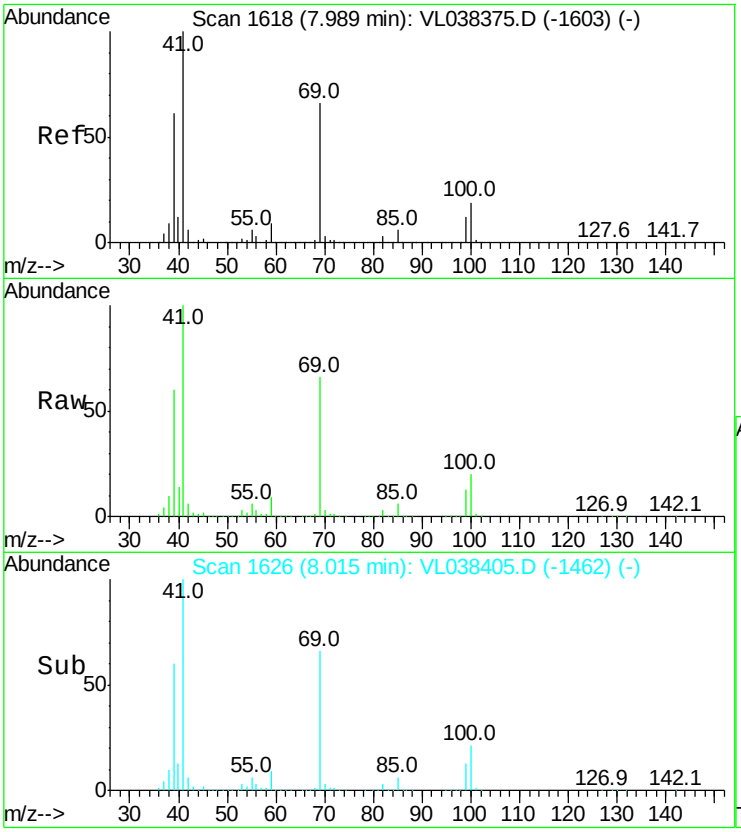


#42
Bromodichloromethane
Concen: 9.60 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 83 Resp: 1716699

Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.2	78.4
127	7.5	6.2	9.4



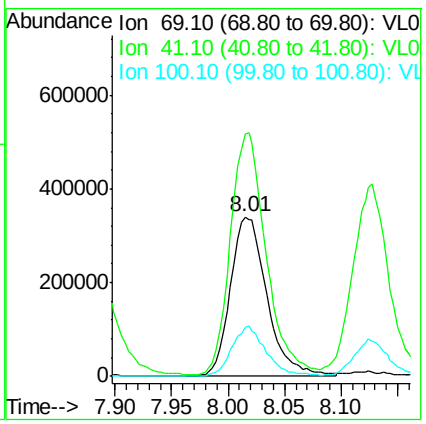


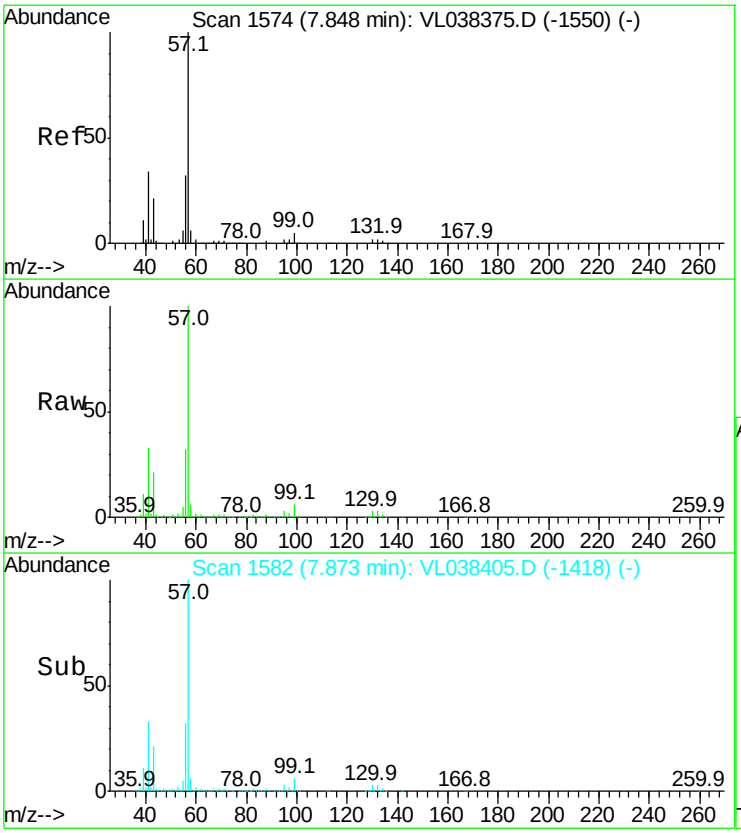
#43
Methyl Methacrylate
Concen: 10.29 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 766084

Ion	Ratio	Lower	Upper
69	100		
41	149.3	122.9	184.3
100	29.4	23.6	35.4

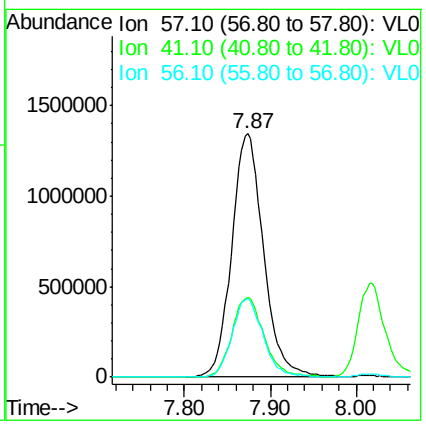


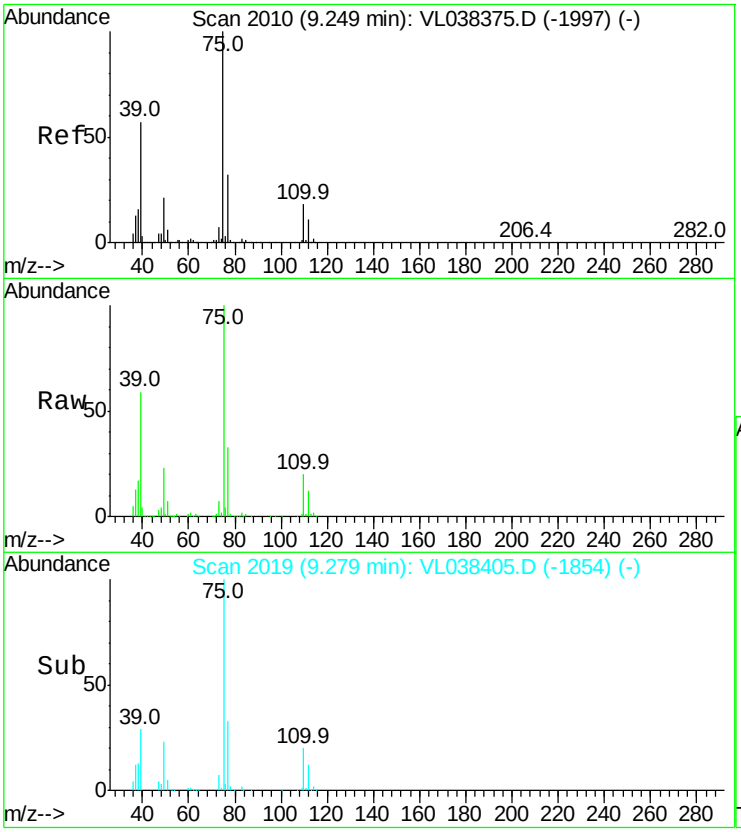


#44
2,2,4-Trimethylpentane
Concen: 9.39 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 57 Resp: 3458190

Ion	Ratio	Lower	Upper
57	100		
41	33.1	26.6	39.8
56	31.4	25.0	37.6



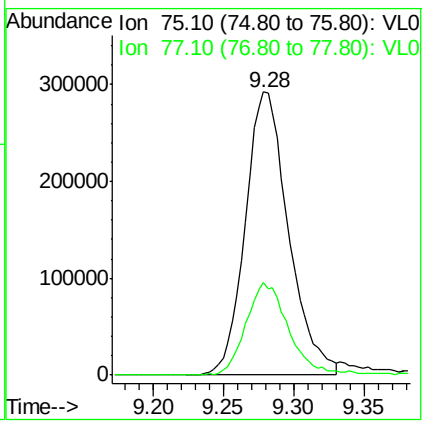


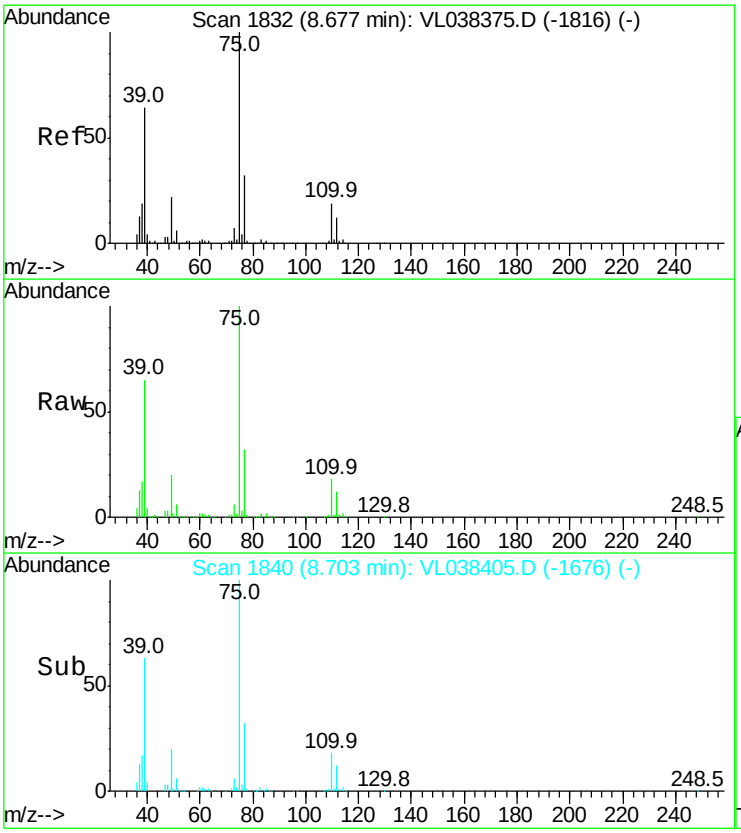
#45
t-1,3-Dichloropropene
Concen: 10.50 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 624935

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.4	38.0

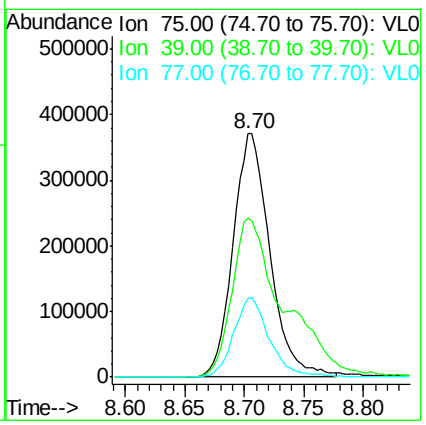


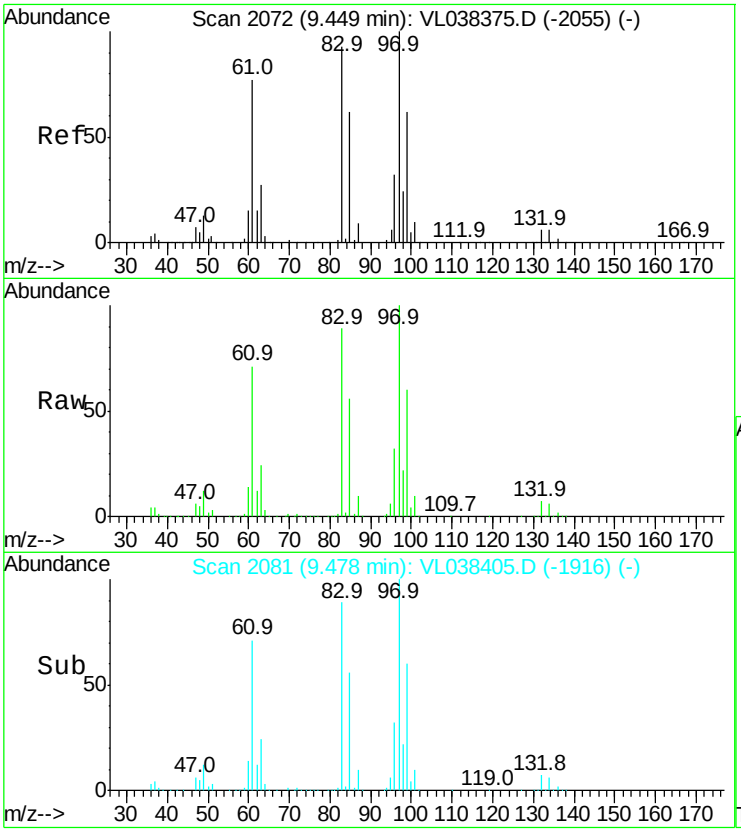


#46
cis-1,3-Dichloropropene
Concen: 10.21 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 75 Resp: 796368

Ion	Ratio	Lower	Upper
75	100		
39	65.2	51.4	77.2
77	32.3	25.4	38.2



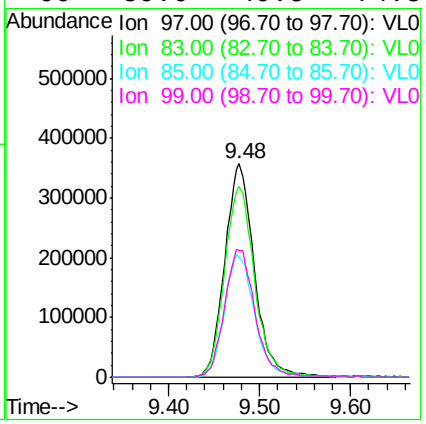


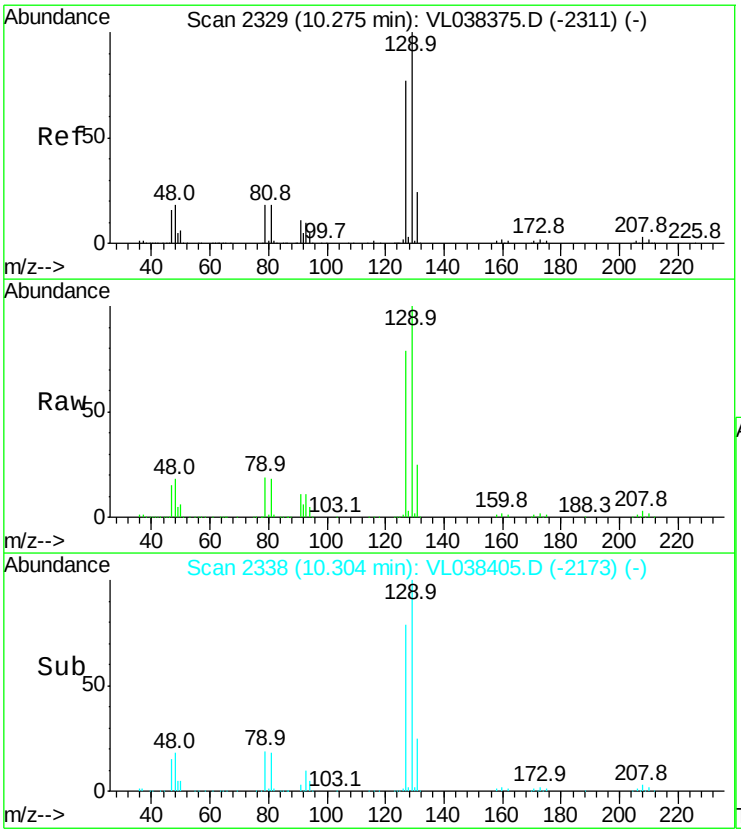
#47
1,1,2-Trichloroethane
Concen: 9.49 ppbv
RT: 9.48
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 805782

Ion	Ratio	Lower	Upper
97	100		
83	89.1	74.2	111.4
85	56.3	49.8	74.8
99	59.6	49.5	74.3

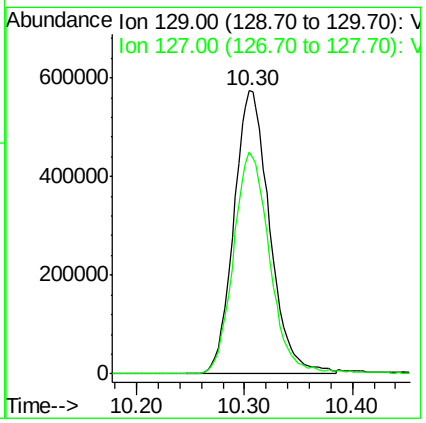


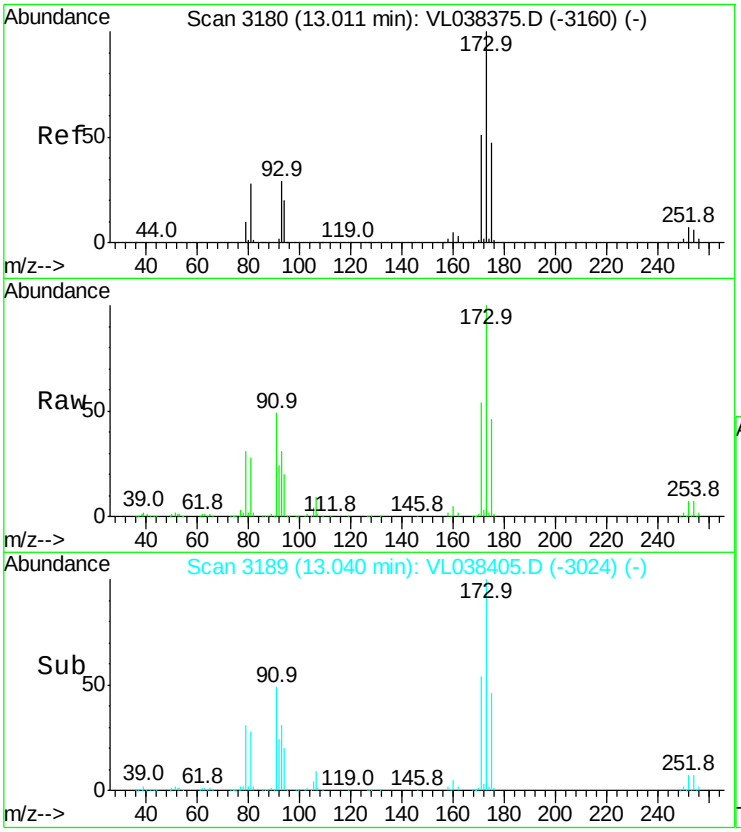


#48
Dibromochloromethane
Concen: 9.57 ppbv
RT: 10.30 min Scan# 2338
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:129 Resp: 1328439

Ion	Ratio	Lower	Upper
129	100		
127	79.7	39.4	118.1



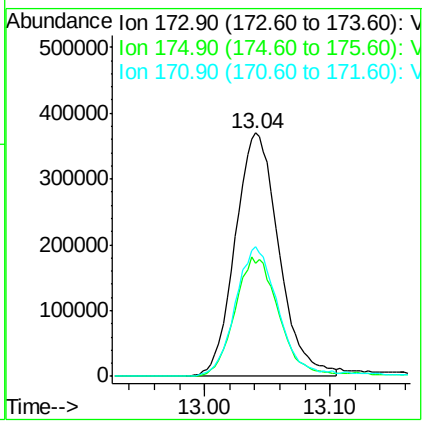


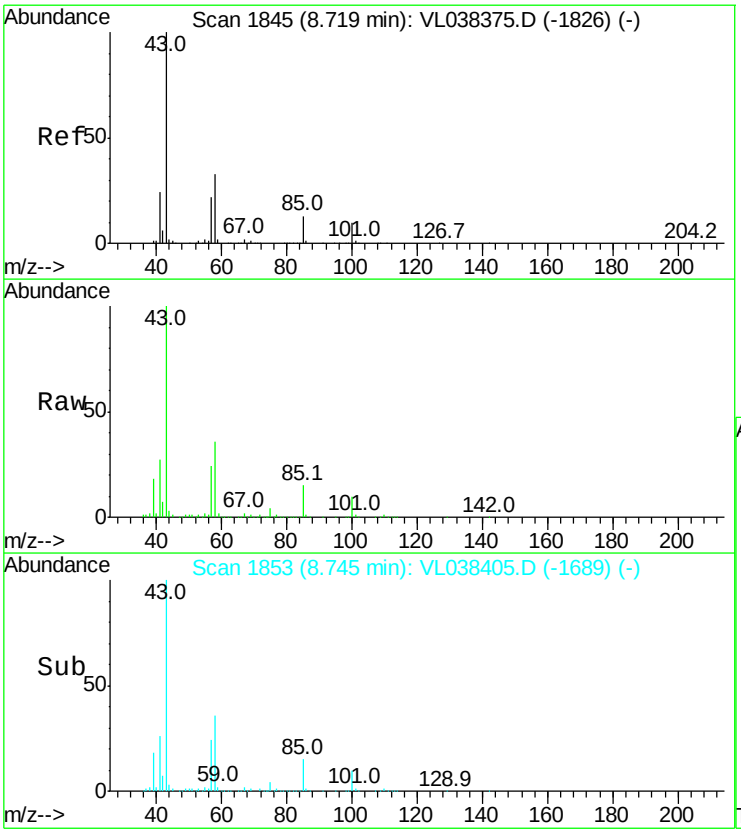
#49
Bromoform
Concen: 8.73 ppbv
RT: 13.04
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 894534

Ion	Ratio	Lower	Upper
173	100		
175	50.8	40.2	60.2
171	53.9	42.7	64.1

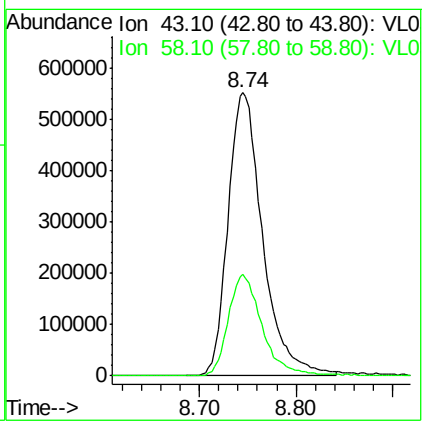


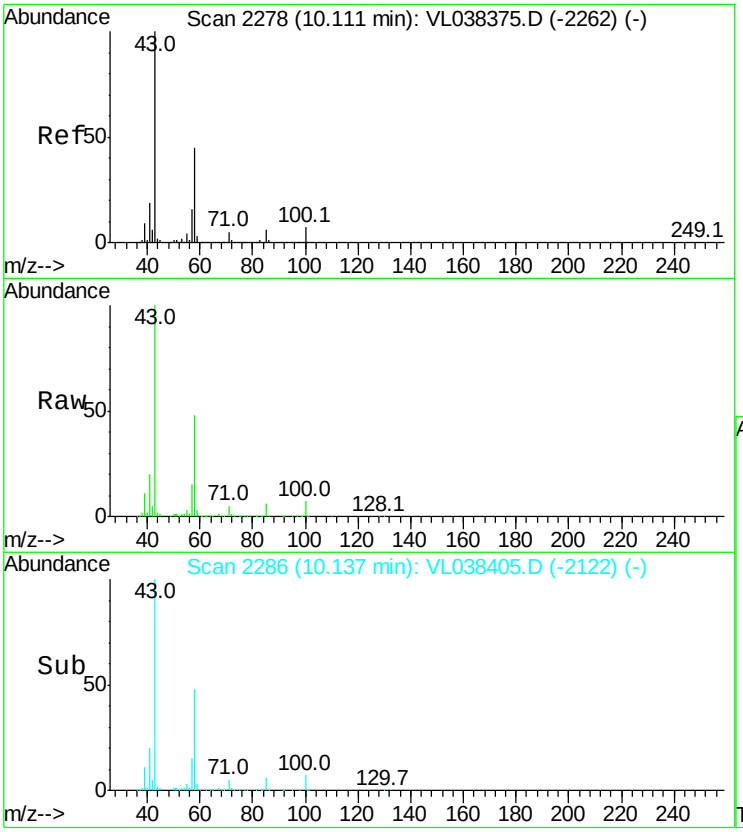


#50
4-Methyl-2-Pentanone
Concen: 10.12 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 43 Resp: 1369586

Ion	Ratio	Lower	Upper
43	100		
58	35.5	27.7	41.5



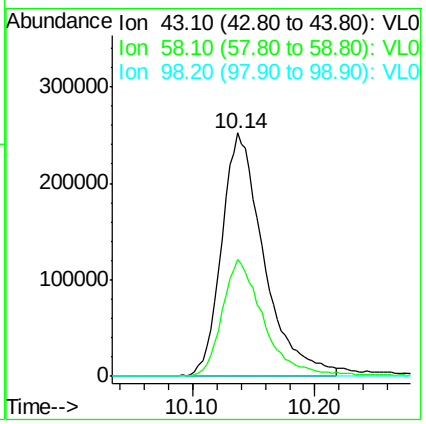


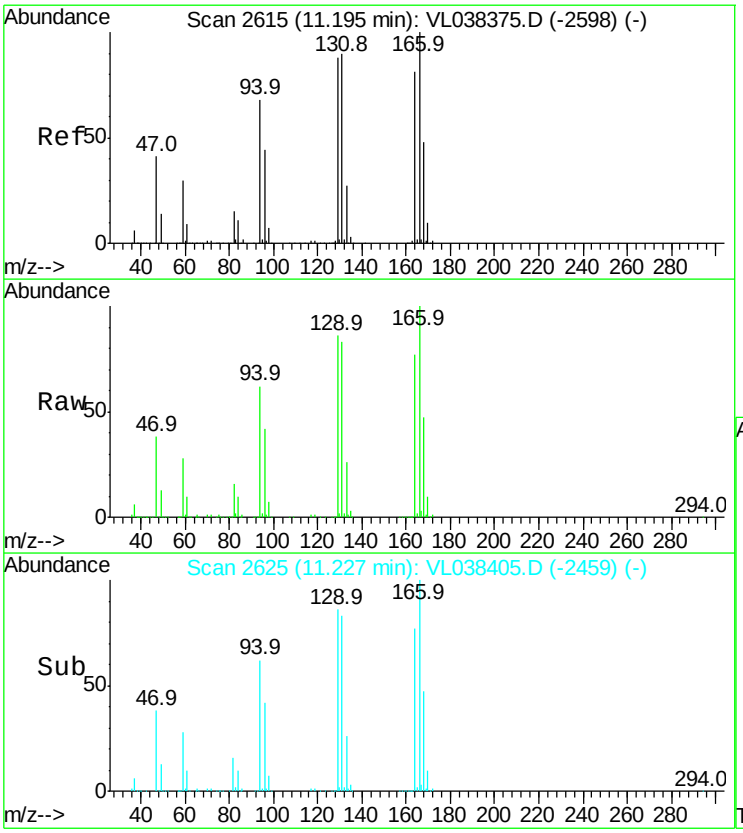
#51
2-Hexanone
Concen: 9.94 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 602029

Ion	Ratio	Lower	Upper
43	100		
58	48.8	37.4	56.0
98	0.3	0.1	0.1#

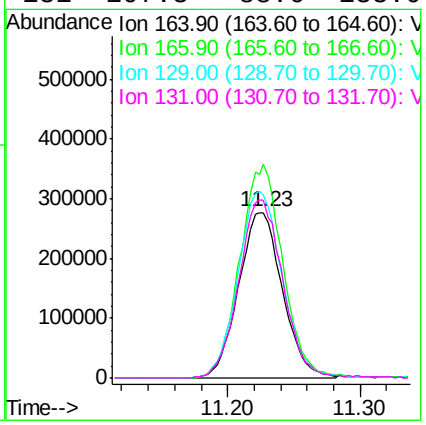


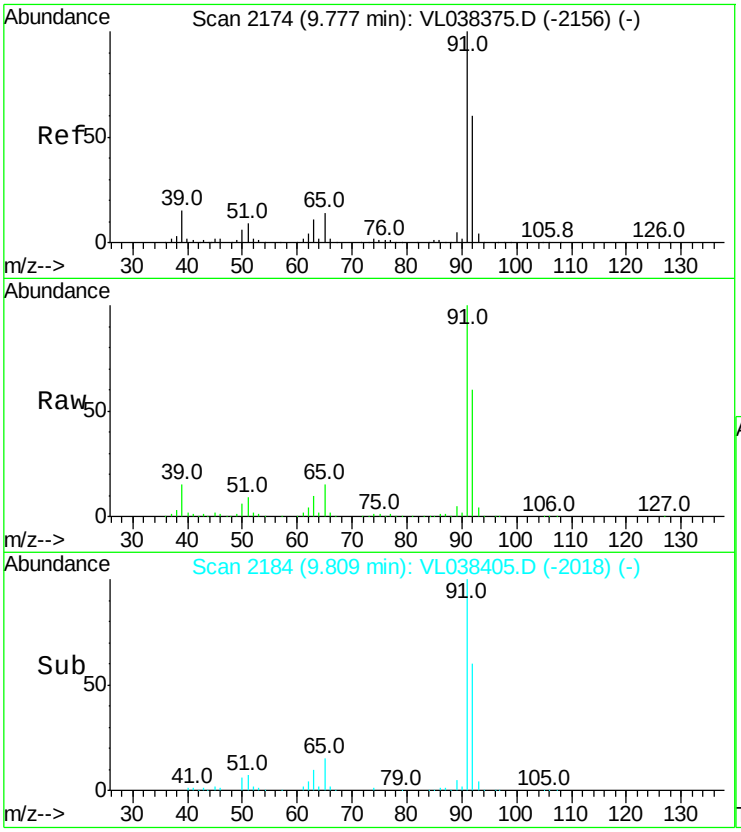


#52
Tetrachloroethene
Concen: 8.91 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:164 Resp: 633626

Ion	Ratio	Lower	Upper
164	100		
166	129.1	98.6	148.0
129	110.8	86.9	130.3
131	107.3	88.6	133.0



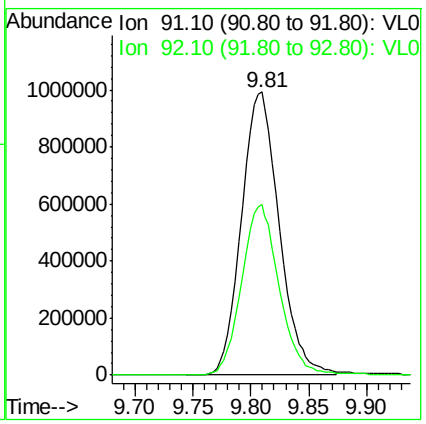


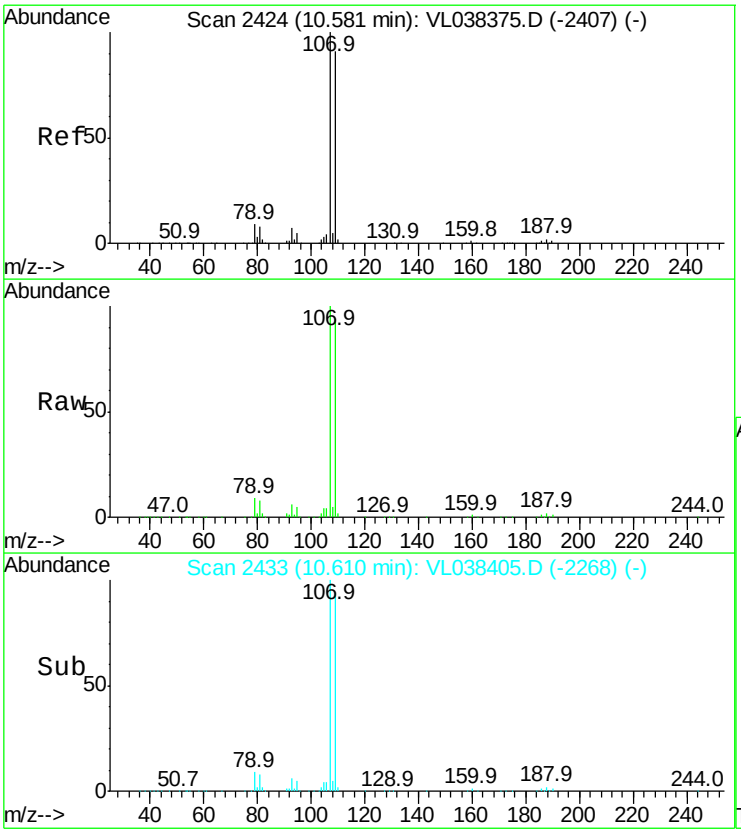
#53
Toluene
Concen: 9.68 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2251940

Ion	Ratio	Lower	Upper
91	100		
92	60.5	48.2	72.4

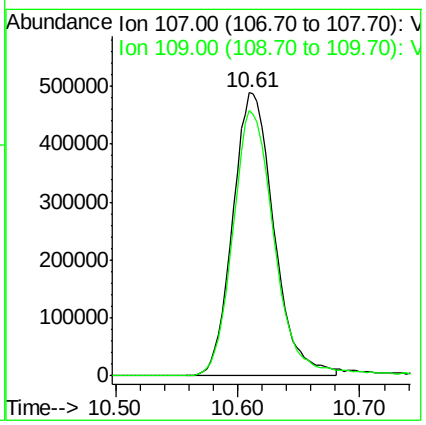


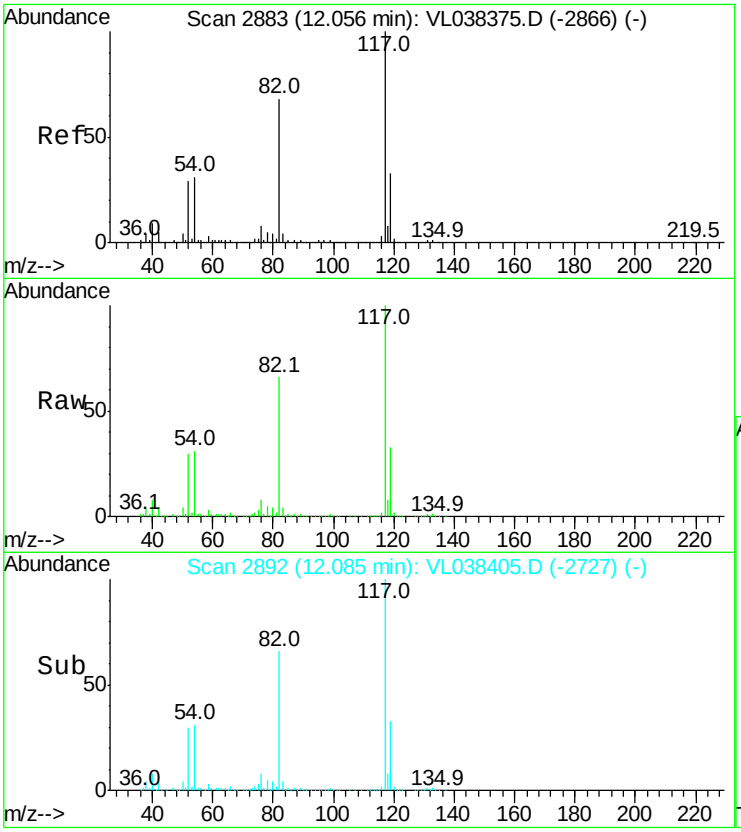


#54
1,2-Dibromoethane
Concen: 9.57 ppbv
RT: 10.61 min Scan# 2433
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:107 Resp: 1143924

Ion	Ratio	Lower	Upper
107	100		
109	93.7	73.0	109.6



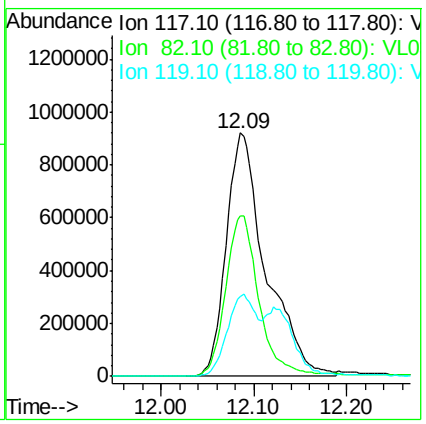


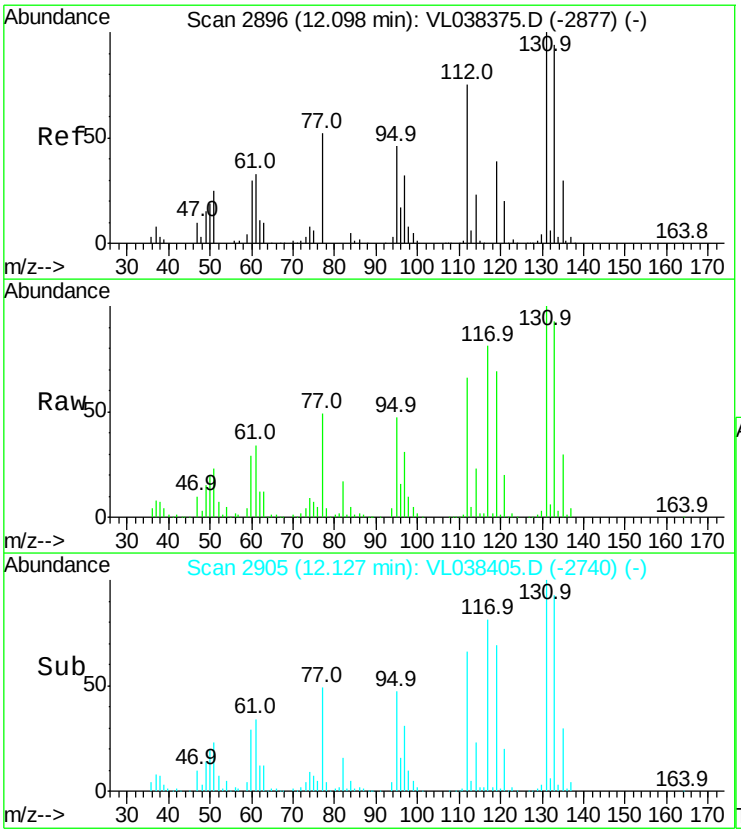
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2728041

Ion	Ratio	Lower	Upper
117	100		
82	56.6	54.9	82.3
119	25.3	46.1	69.1#

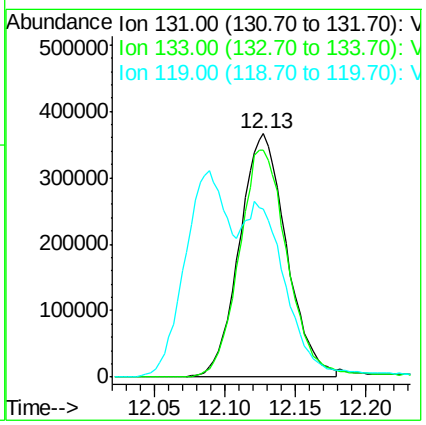


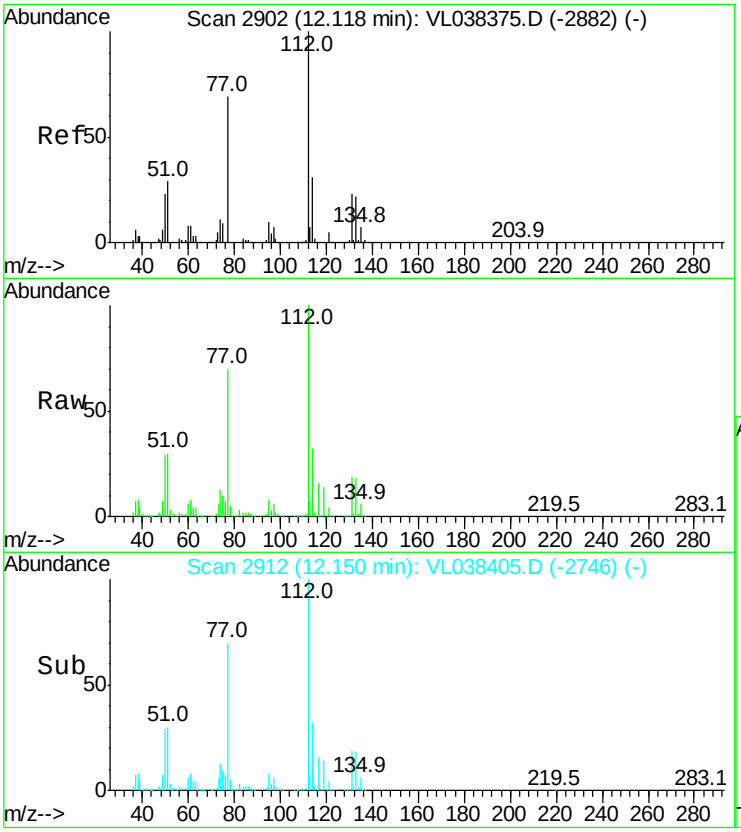


#56
1,1,1,2-Tetrachloroethane
Concen: 7.48 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:131 Resp: 850271

Ion	Ratio	Lower	Upper
131	100		
133	97.1	77.3	115.9
119	70.2	48.6	73.0



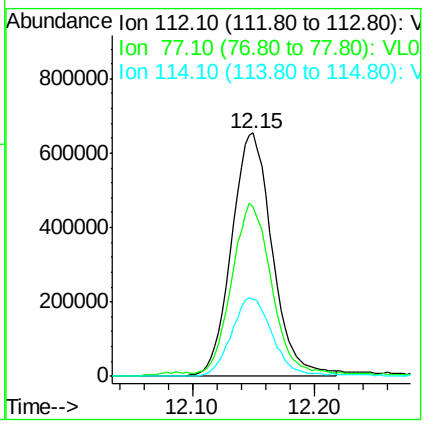


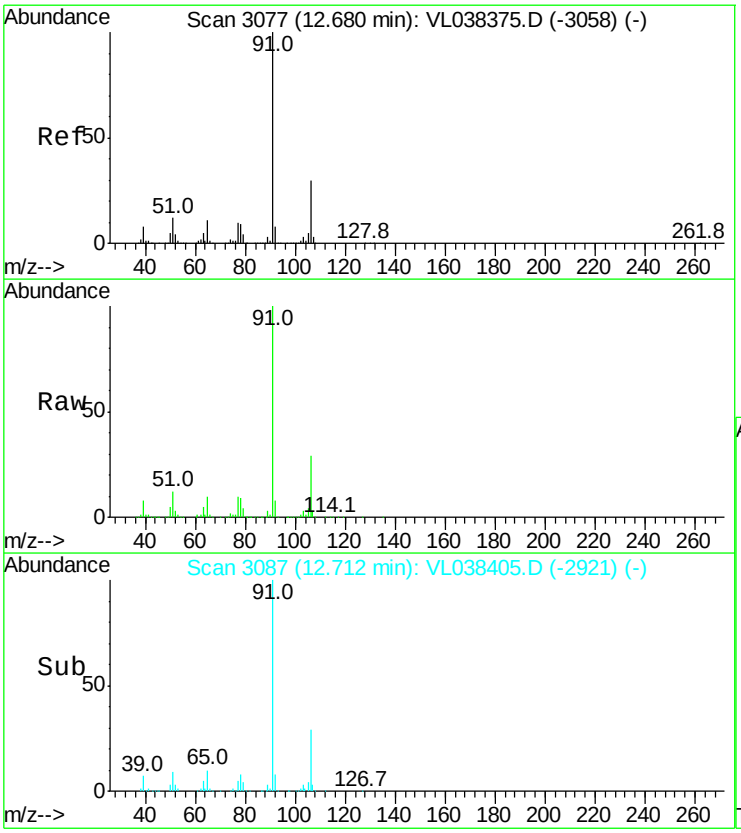
#57
Chlorobenzene
Concen: 7.16 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1506935

Ion	Ratio	Lower	Upper
112	100		
77	68.1	55.2	82.8
114	31.4	27.9	34.1

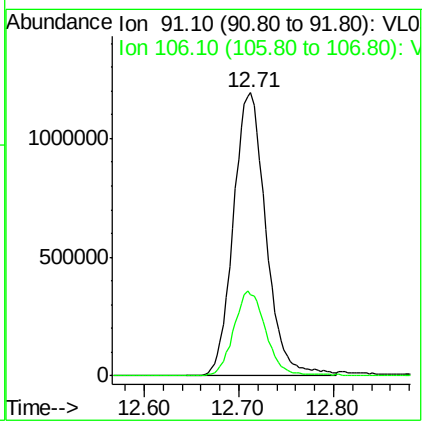


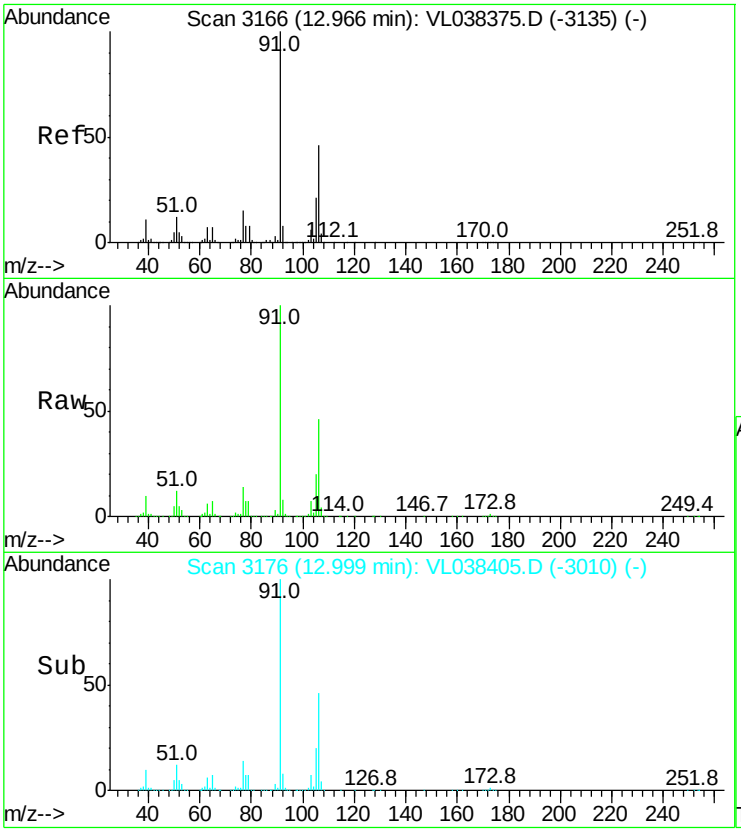


#58
Ethyl Benzene
Concen: 7.67 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 91 Resp: 2862202

Ion	Ratio	Lower	Upper
91	100		
106	28.7	24.0	36.0



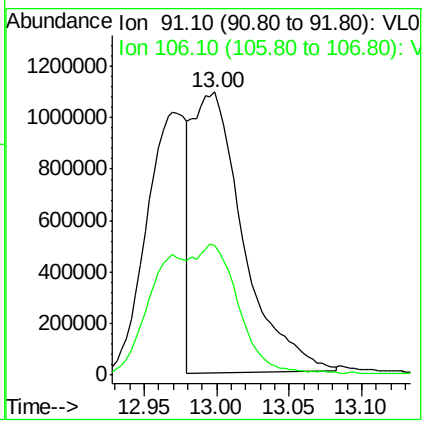


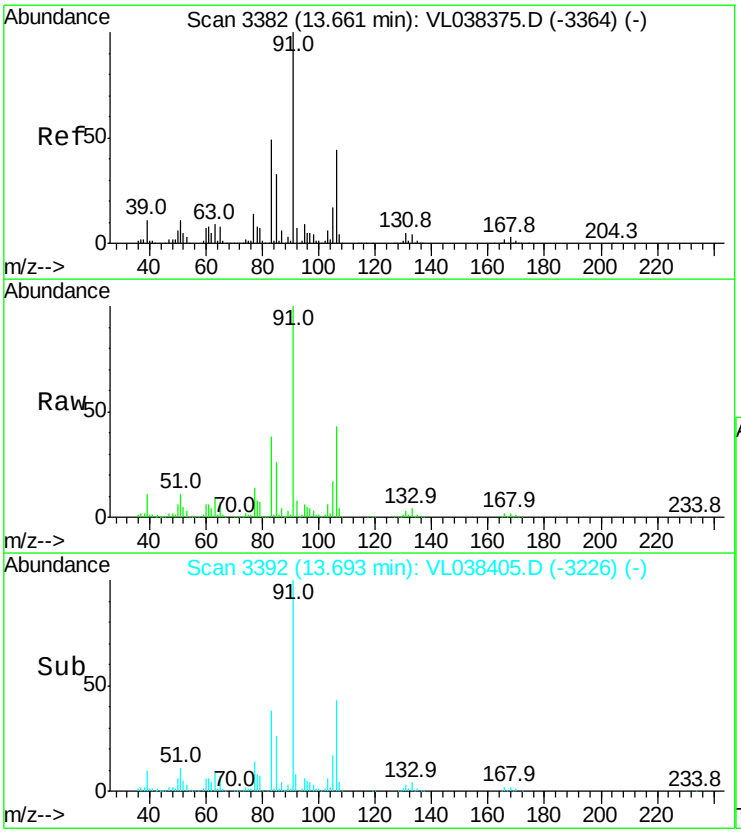
#59
m/p-Xylene
Concen: 8.27 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2648527

Ion	Ratio	Lower	Upper
91	100		
106	77.4	34.4	51.6#

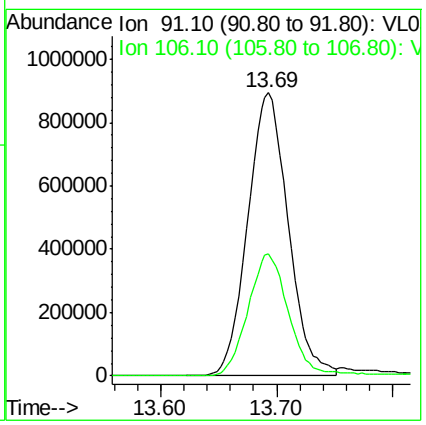


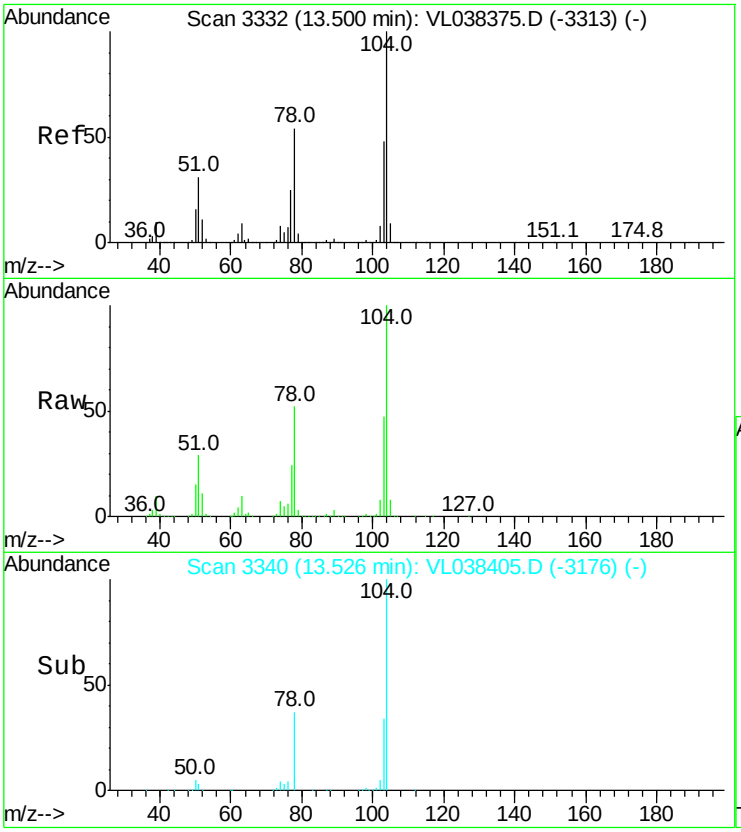


#60
o-Xylene
Concen: 7.15 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 91 Resp: 2165258

Ion	Ratio	Lower	Upper
91	100		
106	44.6	21.9	65.5



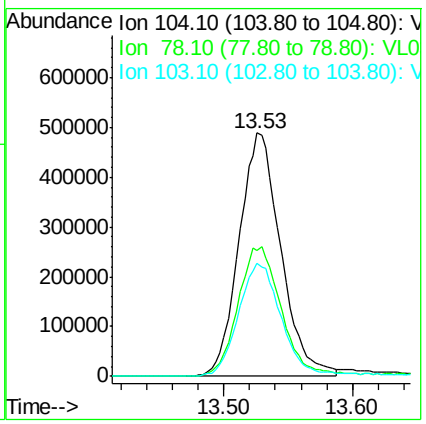


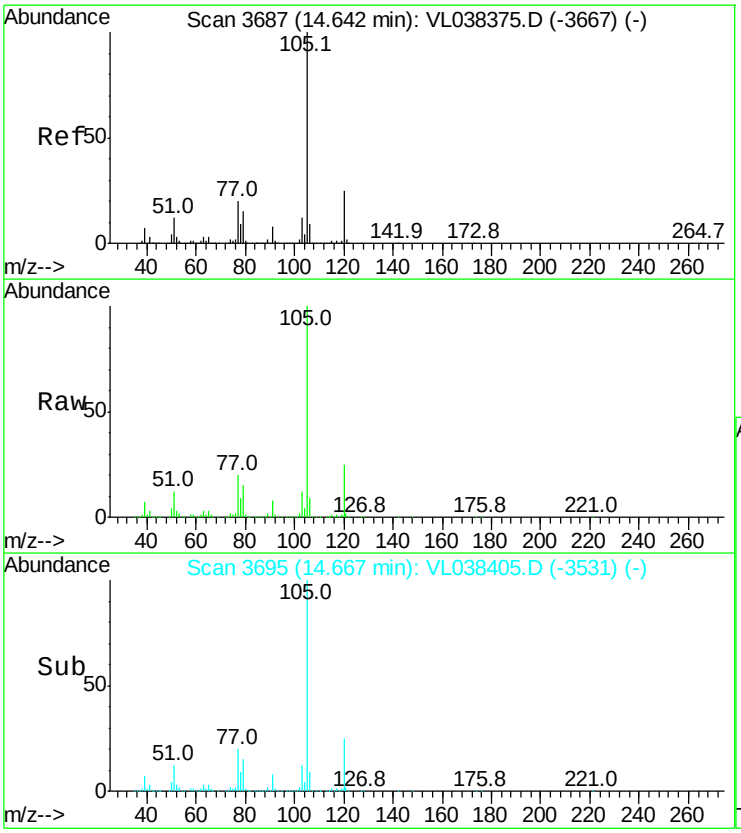
#61
Styrene
Concen: 7.88 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1101381

Ion	Ratio	Lower	Upper
104	100		
78	56.1	44.2	66.4
103	48.7	38.4	57.6

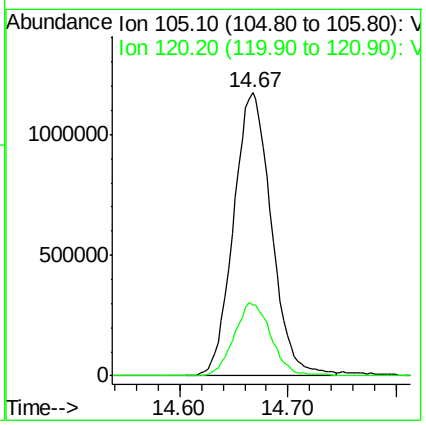


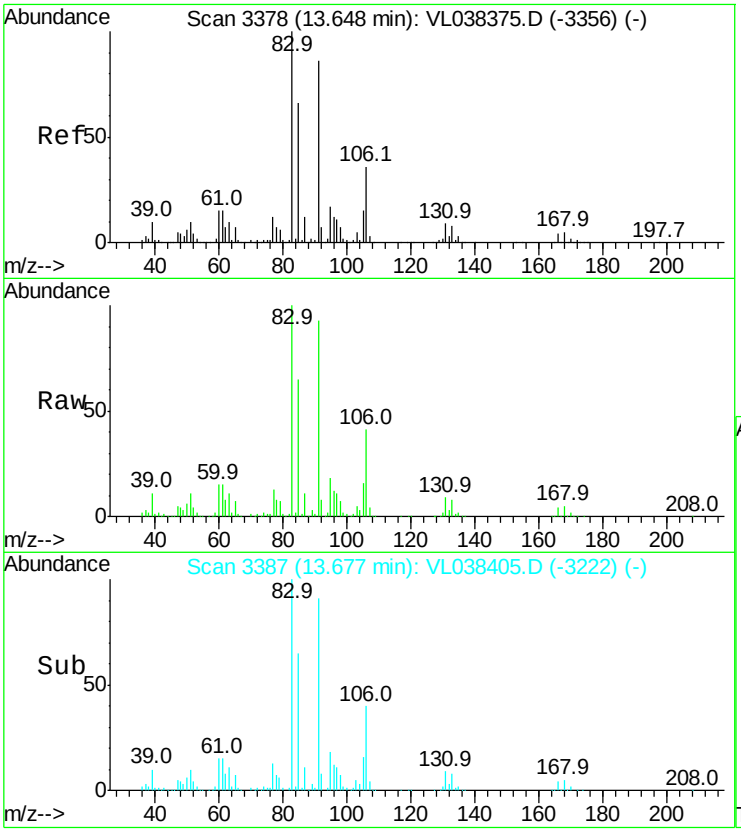


#62
Isopropylbenzene
Concen: 7.05 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:105 Resp: 2866194

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.6	30.8



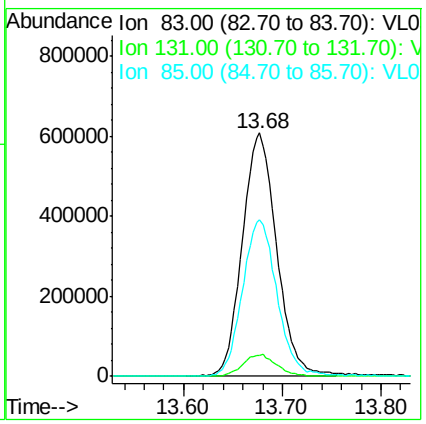


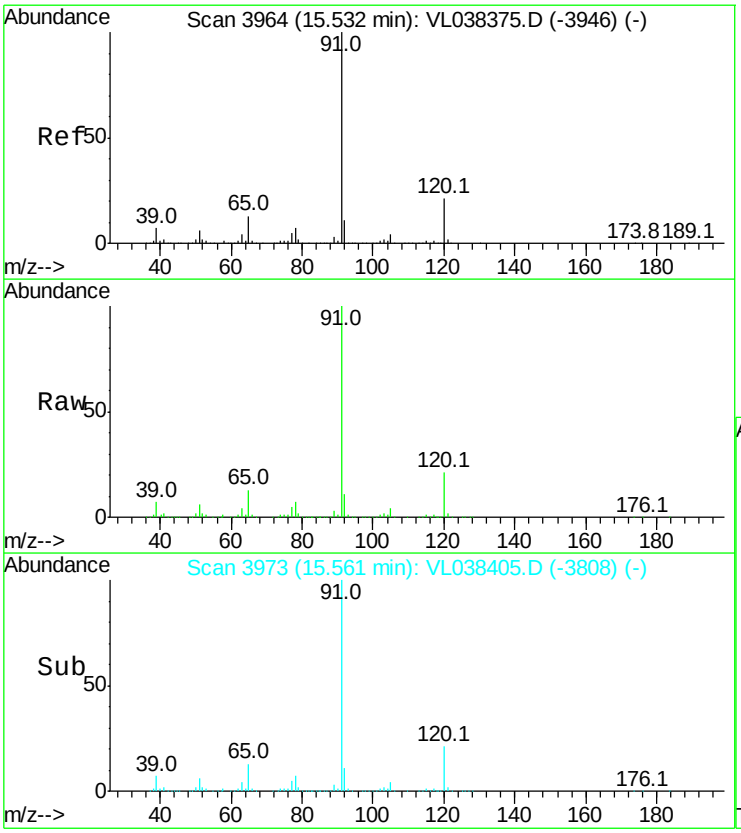
#63
1,1,2,2-Tetrachloroethane
Concen: 5.94 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1461861

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.7
85	65.7	33.0	99.0

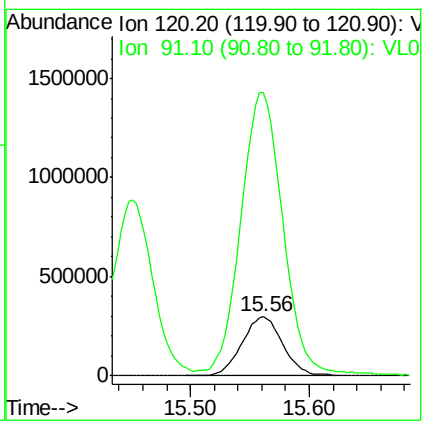


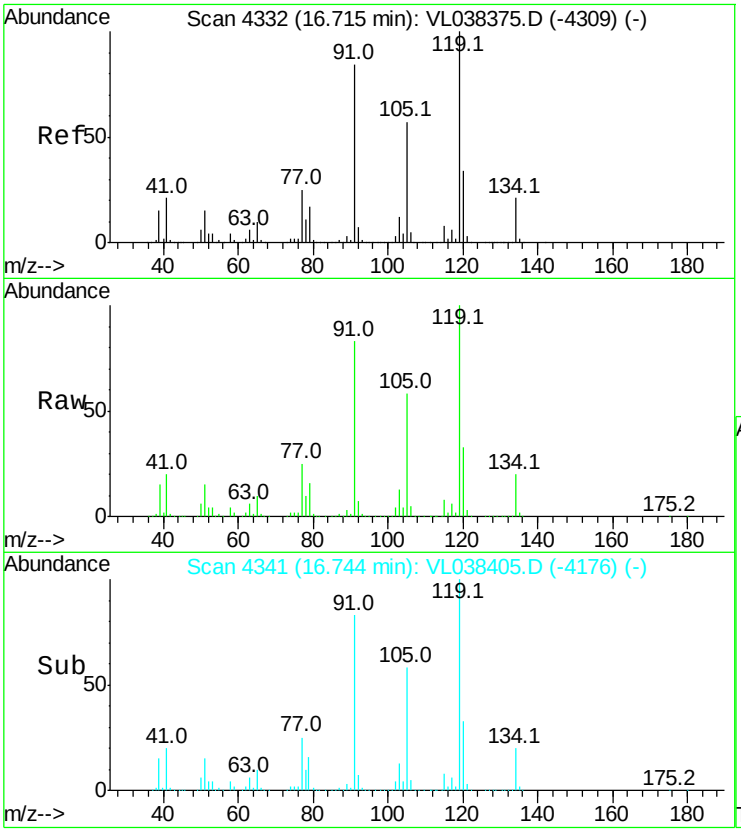


#64
n-propylbenzene
Concen: 7.04 ppbv
RT: 15.56 min Scan# 3973
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:120 Resp: 708163

Ion	Ratio	Lower	Upper
120	100		
91	496.8	388.1	582.1



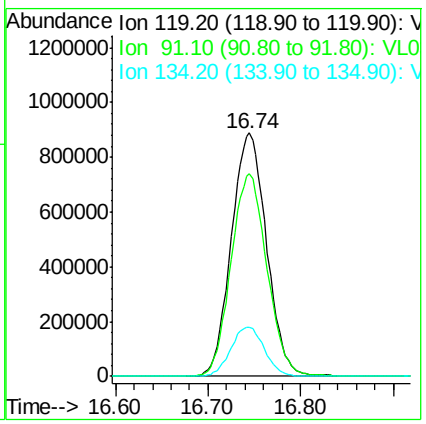


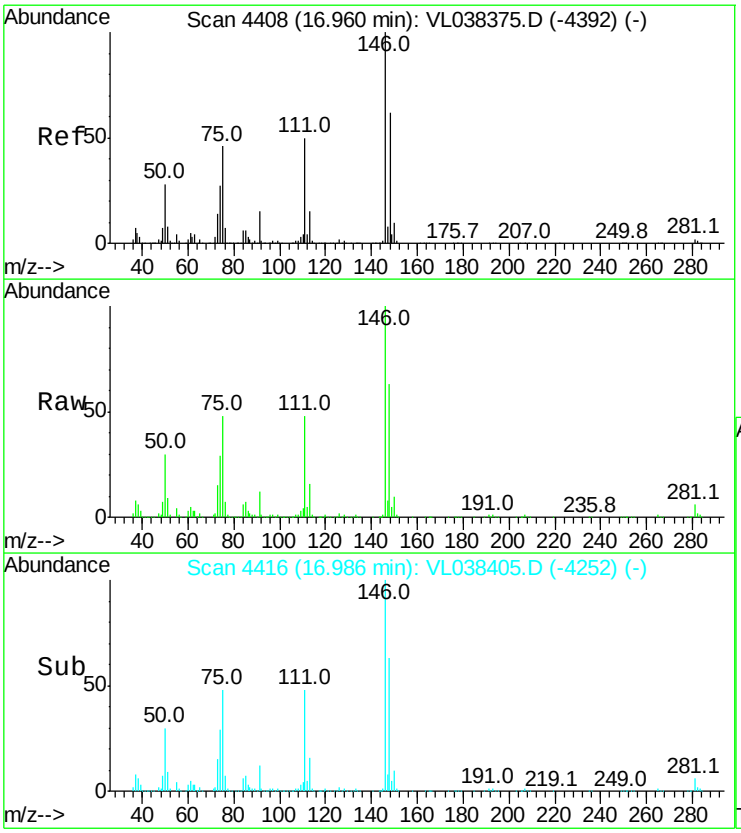
#65
tert-Butylbenzene
Concen: 6.66 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 2343248

Ion	Ratio	Lower	Upper
119	100		
91	84.9	68.0	102.0
134	19.5	15.8	23.8

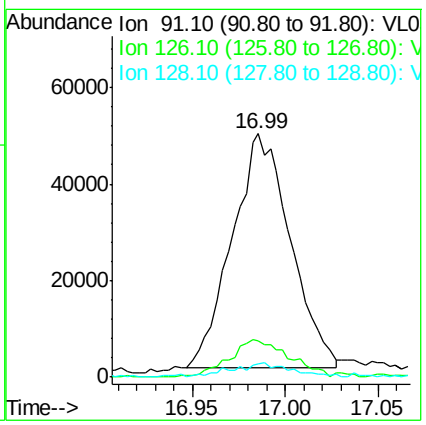


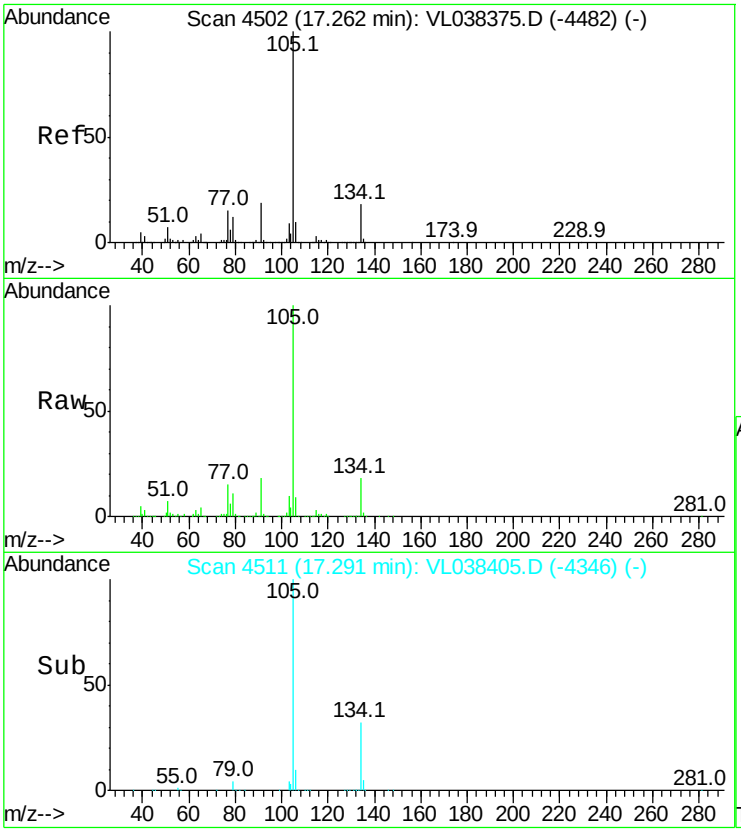


#66
Benzyl Chloride
Concen: 5.55 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 91 Resp: 105513

Ion	Ratio	Lower	Upper
91	100		
126	16.9	12.3	18.5
128	6.9	4.2	6.4#



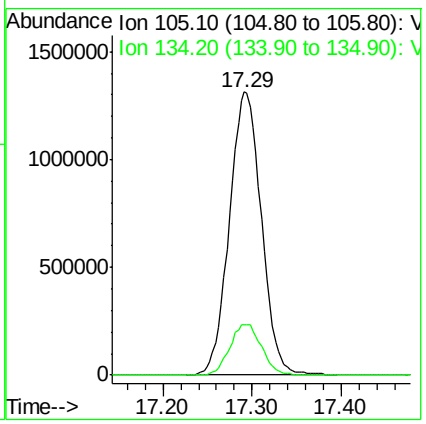


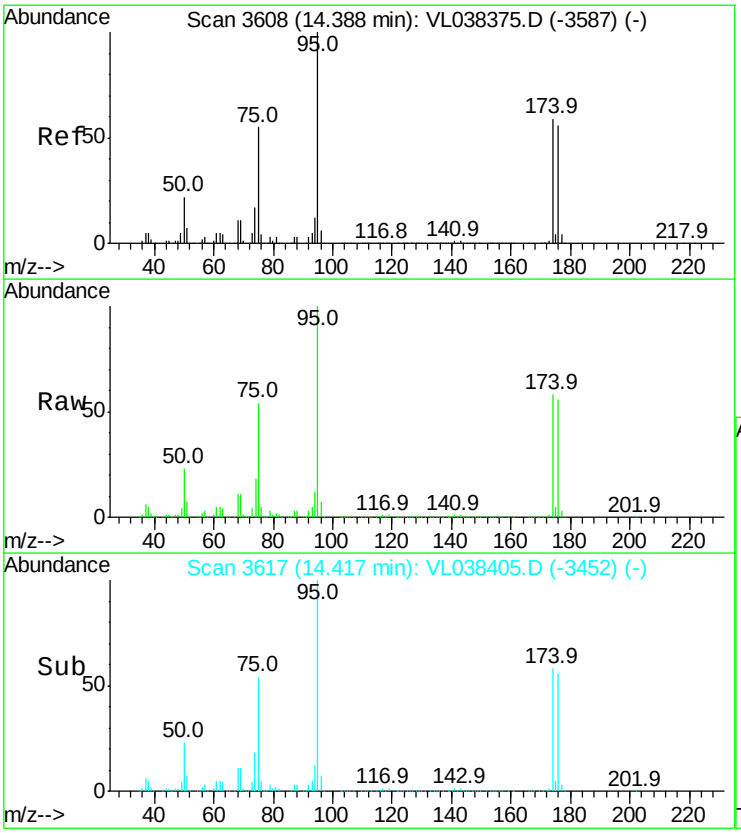
#67
sec-Butylbenzene
Concen: 6.54 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 3263863

Ion	Ratio	Lower	Upper
105	100		
134	17.8	14.6	21.8

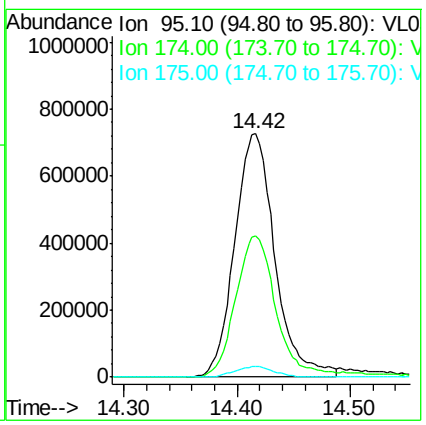


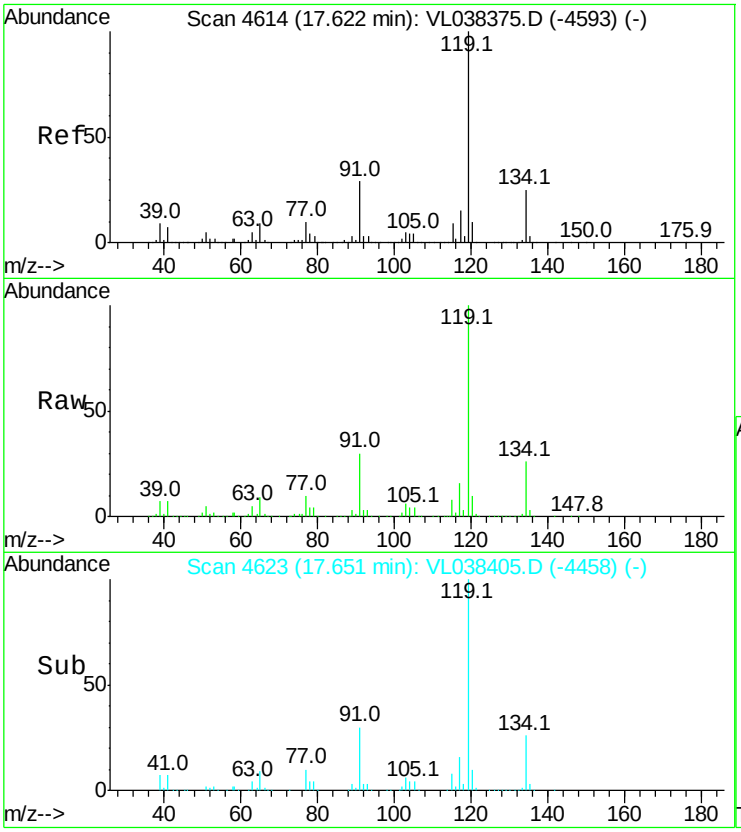


#68
1-Bromo-4-Fluorobenzene
Concen: 7.94 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 95 Resp: 1793179

Ion	Ratio	Lower	Upper
95	100		
174	60.6	49.0	73.4
175	4.4	3.6	5.4



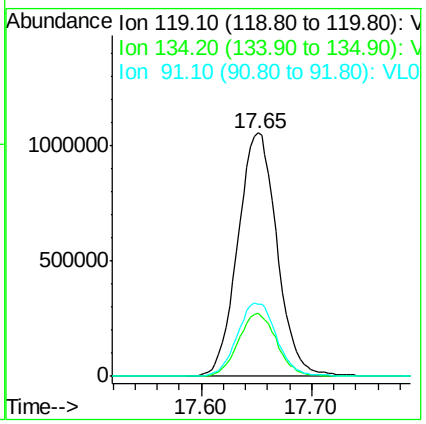


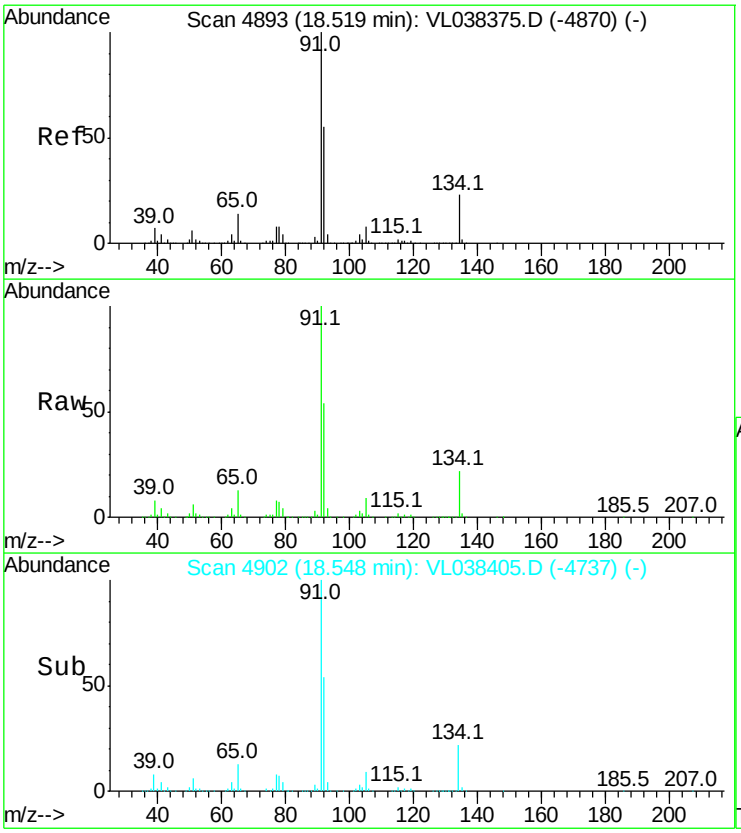
#69
p-Isopropyltoluene
Concen: 6.63 ppbv
RT: 17.65
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 2596806

Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.4	30.6
91	30.6	23.8	35.8

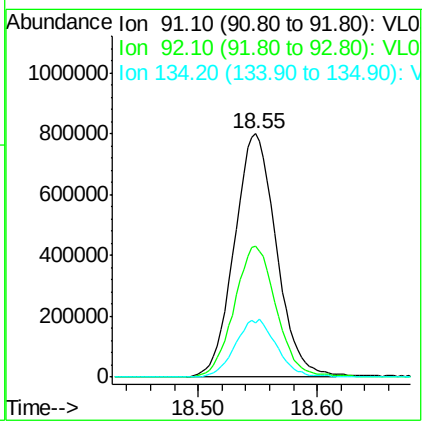


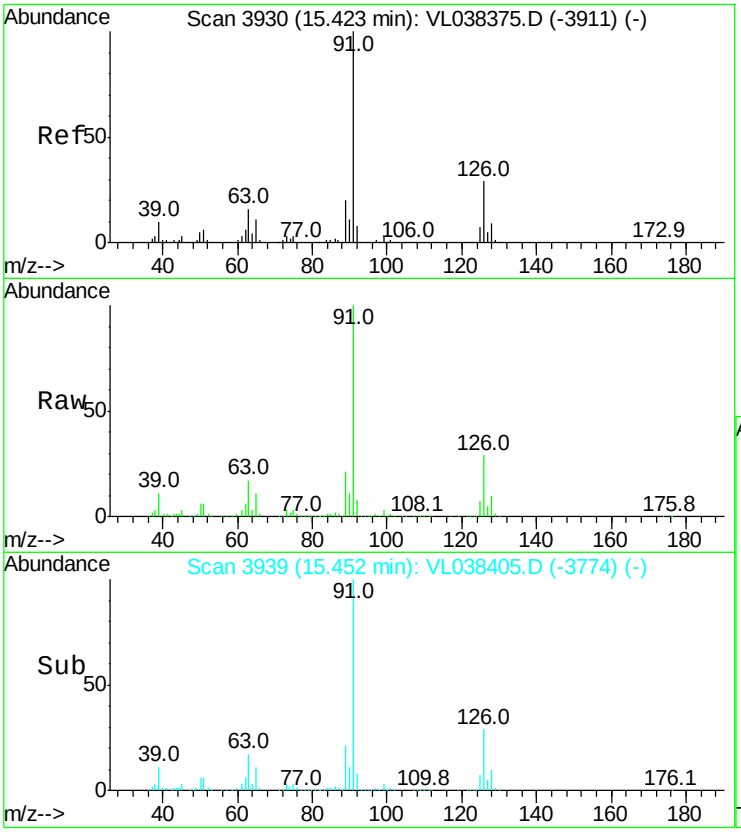


#70
n-Butylbenzene
Concen: 4.79 ppbv
RT: 18.55 min Scan# 4902
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 91 Resp: 1943476

Ion	Ratio	Lower	Upper
91	100		
92	54.6	43.1	64.7
134	23.6	17.4	26.0



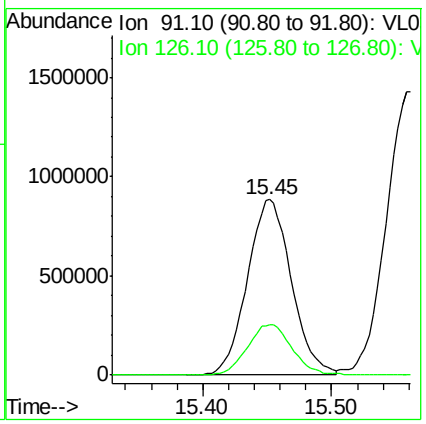


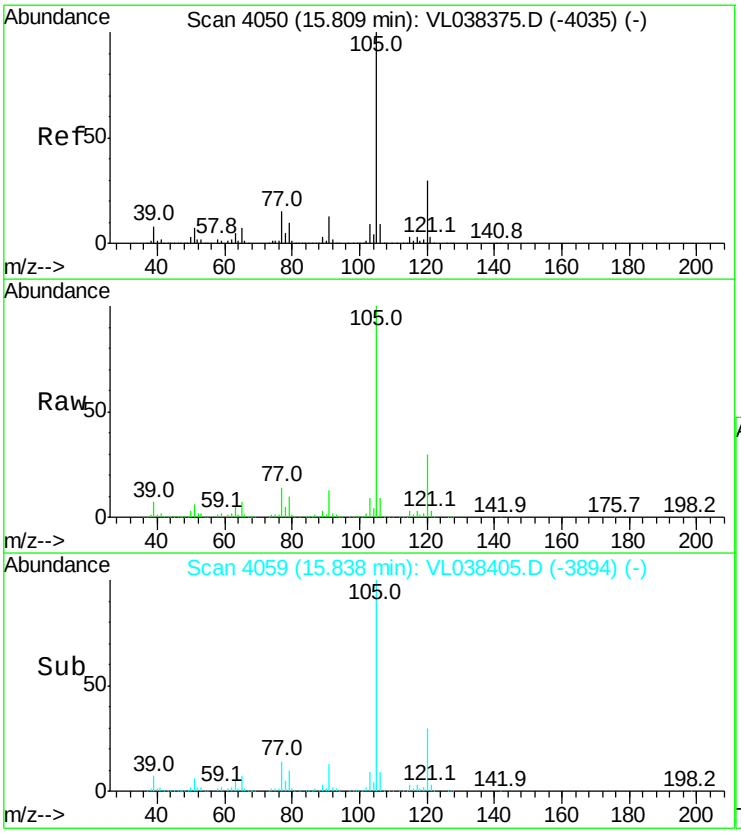
#71
2-Chlorotoluene
Concen: 6.73 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2104258

Ion	Ratio	Lower	Upper
91	100		
126	29.8	11.9	47.7

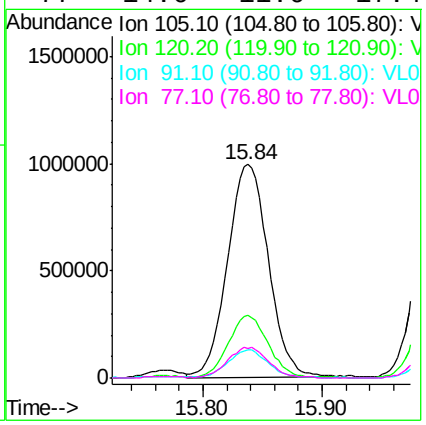


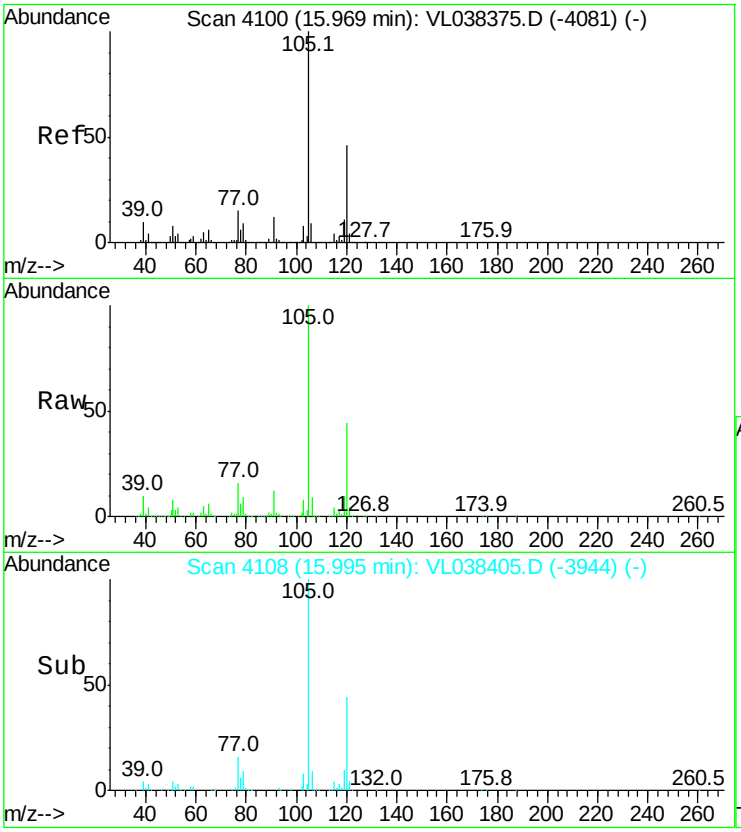


#72
4-Ethyltoluene
Concen: 7.05 ppbv
RT: 15.84 min Scan# 4059
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:105 Resp: 2350881

Ion	Ratio	Lower	Upper
105	100		
120	29.3	23.4	35.2
91	12.9	10.4	15.6
77	14.6	11.6	17.4



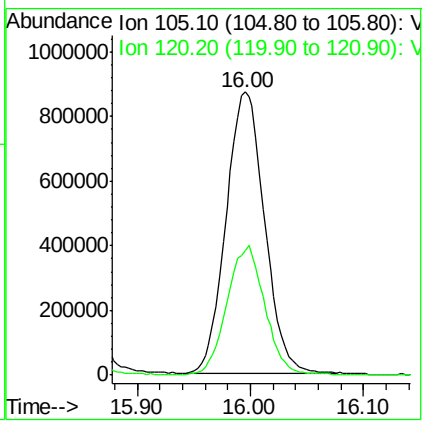


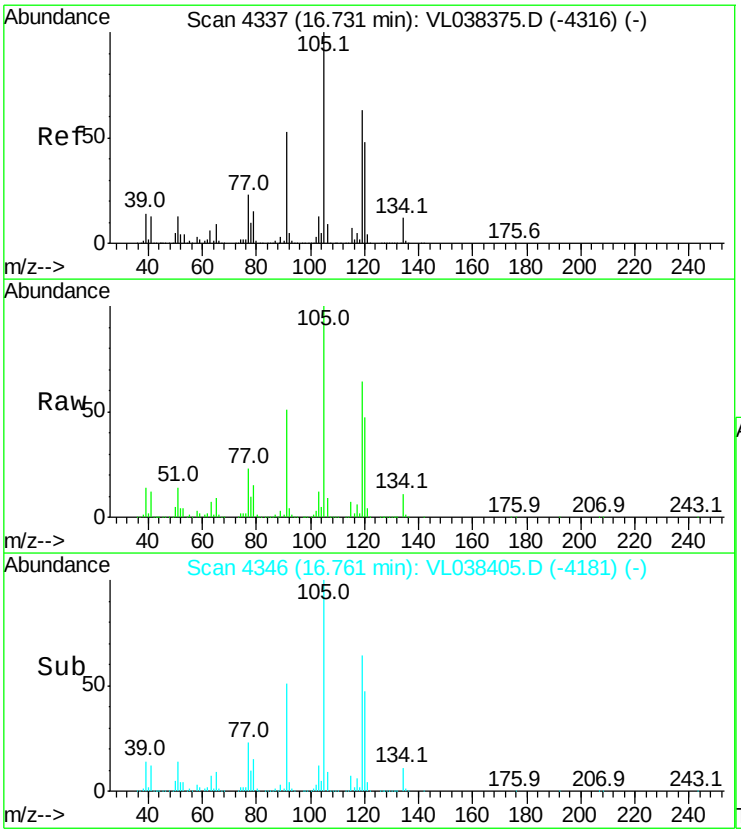
#73
1,3,5-Trimethylbenzene
Concen: 6.81 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2064496

Ion	Ratio	Lower	Upper
105	100		
120	44.1	36.6	55.0

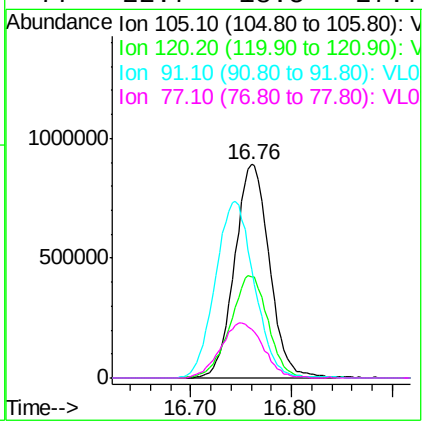


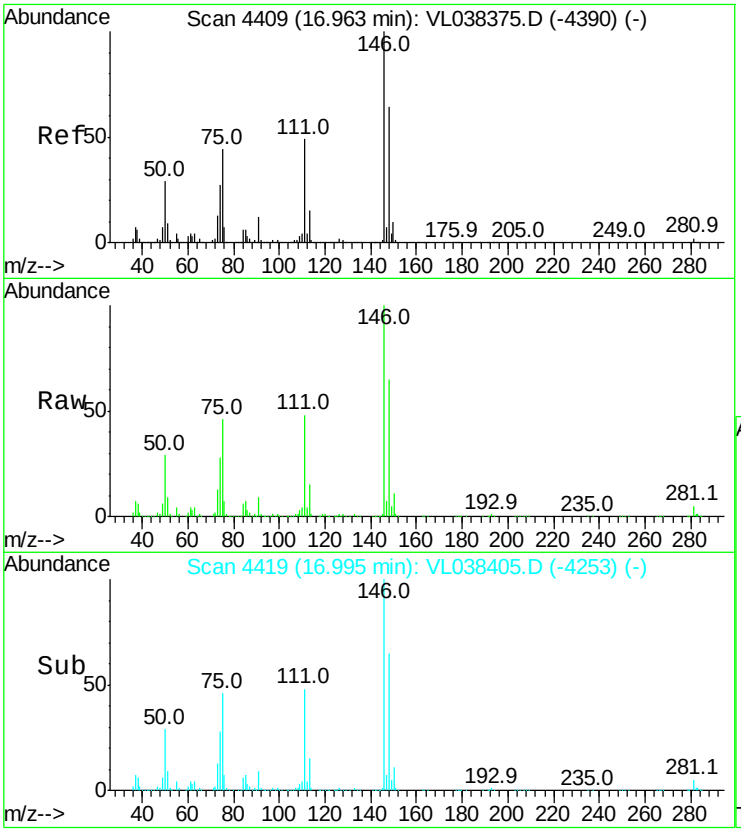


#74
1,2,4-Trimethylbenzene
Concen: 6.66 ppbv
RT: 16.76 min Scan# 4346
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:105 Resp: 2130234

Ion	Ratio	Lower	Upper
105	100		
120	47.1	38.2	57.4
91	50.9	42.7	64.1
77	22.7	18.5	27.7



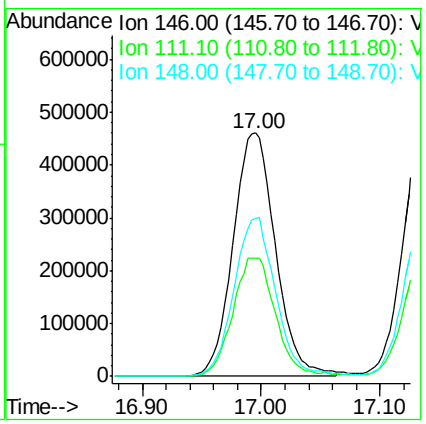


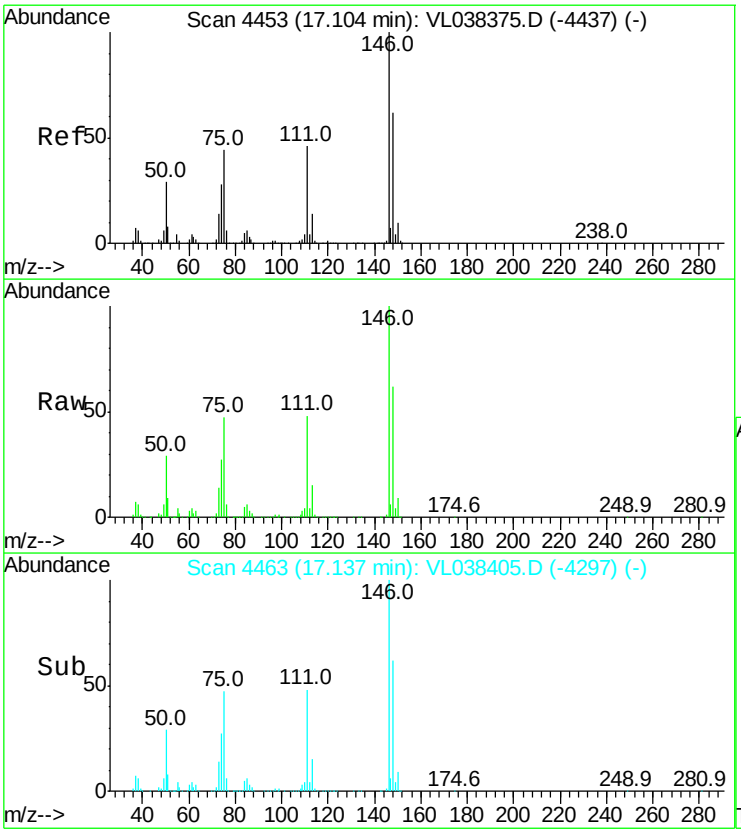
#75
1,3-Dichlorobenzene
Concen: 6.31 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1130635

Ion	Ratio	Lower	Upper
146	100		
111	49.3	24.3	72.9
148	64.7	32.0	96.0

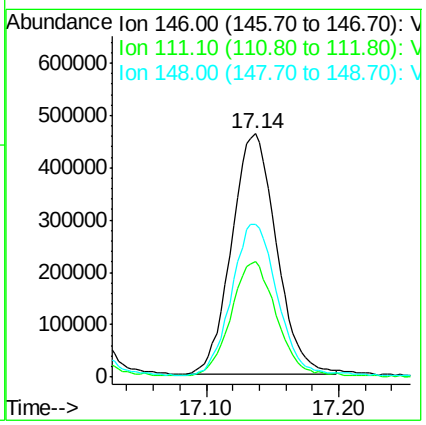


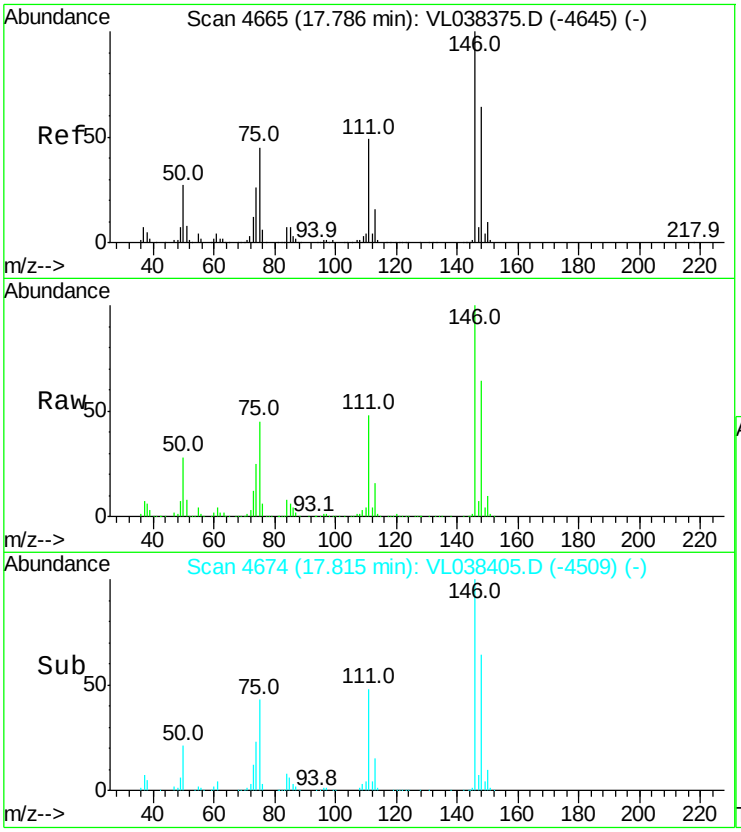


#76
1,4-Dichlorobenzene
Concen: 6.16 ppbv
RT: 17.14 min Scan# 4463
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:146 Resp: 1088234

Ion	Ratio	Lower	Upper
146	100		
111	48.9	24.1	72.2
148	66.3	32.8	98.4



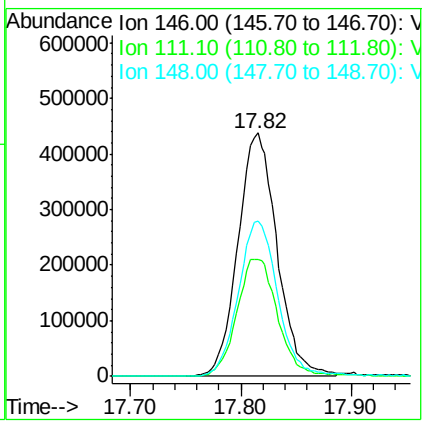


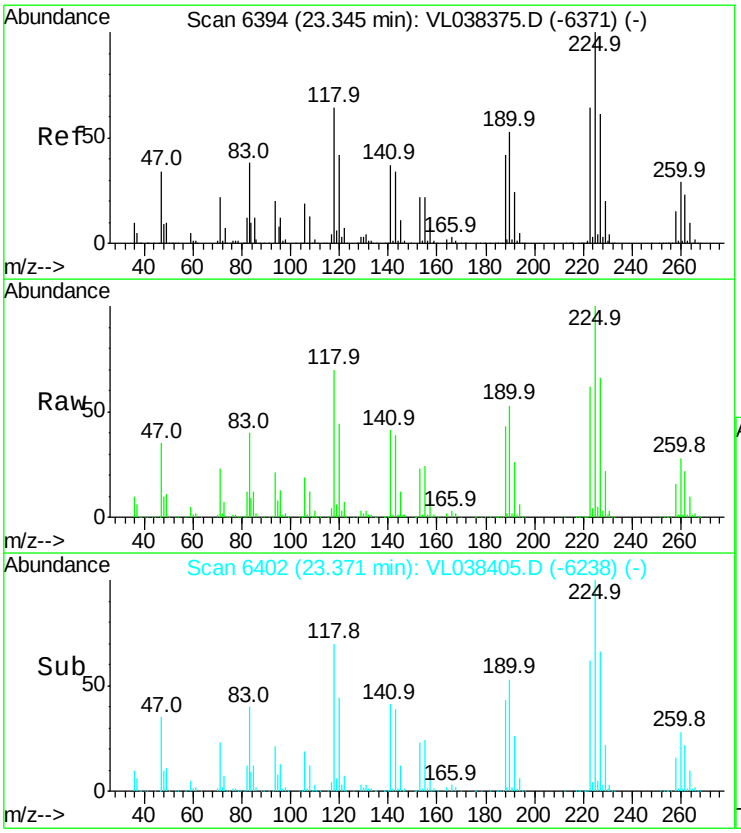
#77
1,2-Dichlorobenzene
Concen: 6.21 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1071050

Ion	Ratio	Lower	Upper
146	100		
111	50.8	25.6	76.6
148	64.8	32.4	97.2

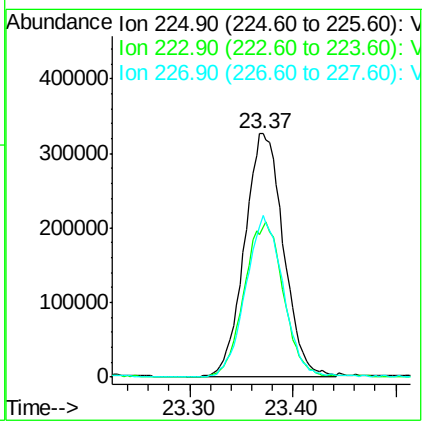


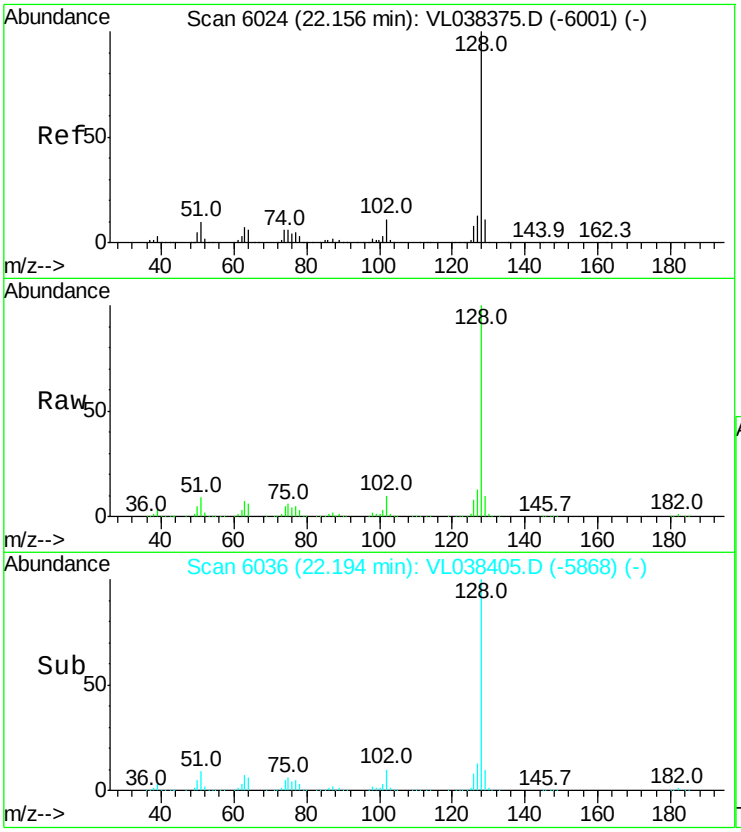


#78
Hexachloro-1,3-Butadiene
Concen: 6.50 ppbv
RT: 23.37 min Scan# 6402
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:225 Resp: 855387

Ion	Ratio	Lower	Upper
225	100		
223	64.4	52.0	78.0
227	64.0	51.6	77.4



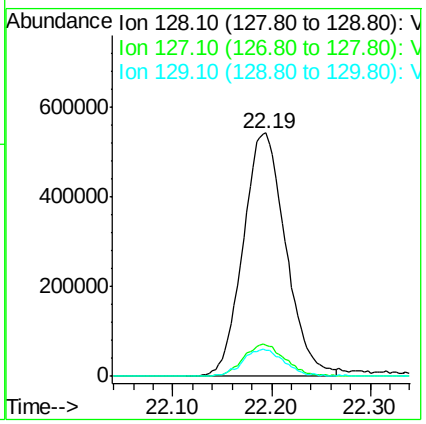


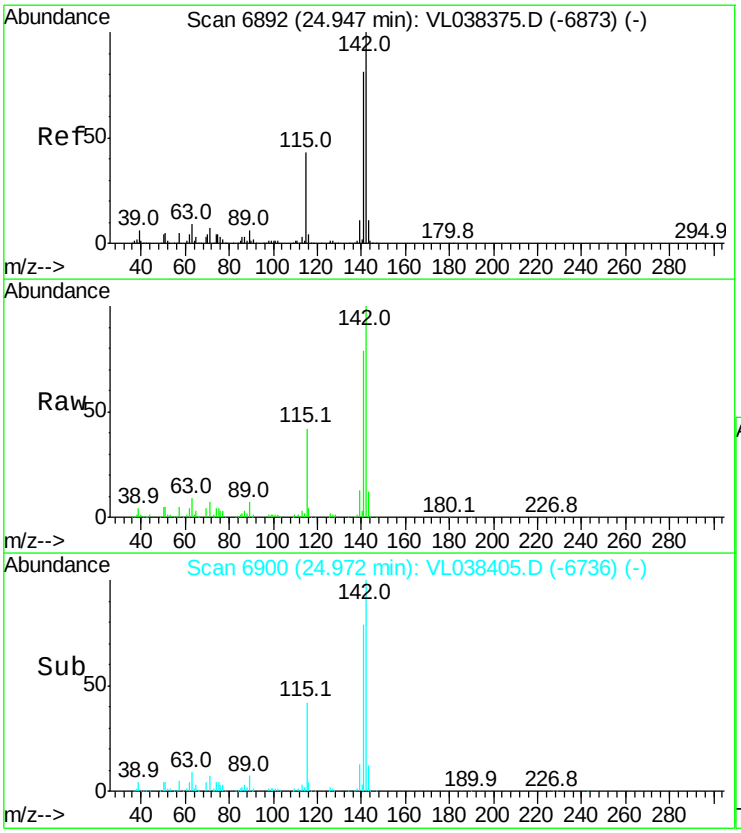
#79
Naphthalene
Concen: 9.34 ppbv
RT: 22.19
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 1619020

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	10.4	8.8	13.2

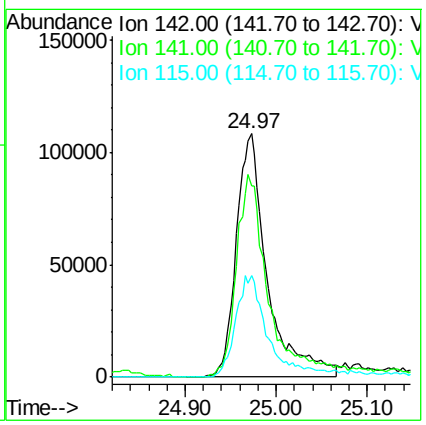


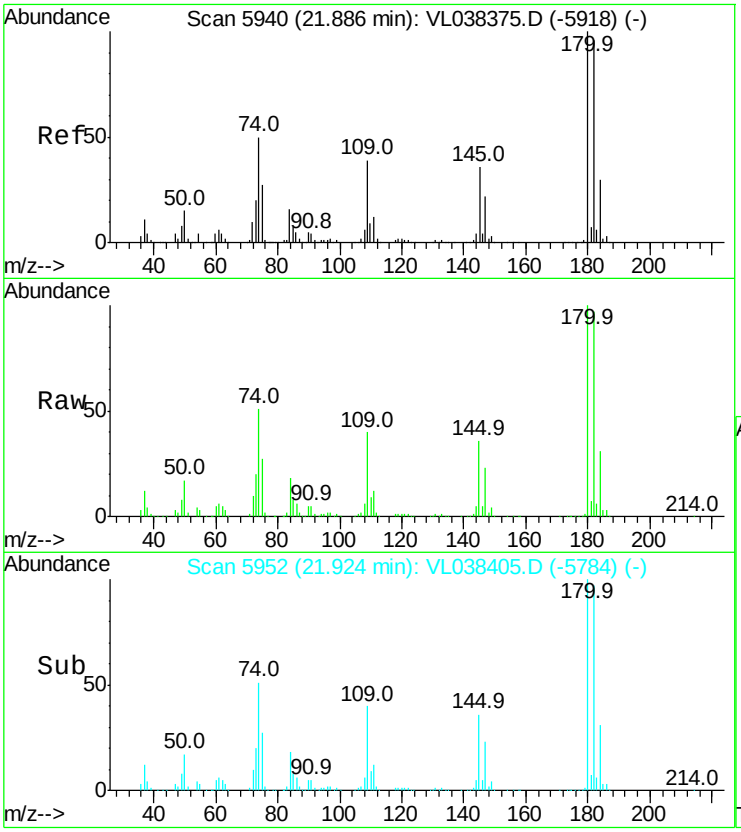


#80
Naphthalene,2-methyl-
Concen: 7.57 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:142 Resp: 256417

Ion	Ratio	Lower	Upper
142	100		
141	93.7	69.8	104.6
115	46.0	33.0	49.6





#81
1,2,4-Trichlorobenzene
Concen: 8.24 ppbv
RT: 21.92
Delta R.T
Lab File:
Acq: 23 Feb 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 863784

Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.4	116.2
184	31.7	24.9	37.3