Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037855.D
Acq On : 18 Oct 2021 16:19
Operator : SY/AP
Sample : VL1018ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1018ABS01

Quant Time: Oct 19 08:33:21 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1368731	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	4049696	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	3792937	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2549462	9.61	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	1497673	6.850	ppbv		99
3) Chlorodifluoromethane	3.00	51	2540533	9.660	ppbv		99
4) Chloromethane	3.15	50	953490	9.899	ppbv		96
5) Vinyl Chloride	3.27	62	961769	10.892	ppbv		96
6) Bromomethane	3.48	94	478613	10.020	ppbv		99
7) Chloroethane	3.57	64	331698	10.216	ppbv		95
8) Dichlorotetrafluoroethane	3.20	85	2161458	10.003	ppbv		98
9) Propene	3.02	41	916377	9.470	ppbv		99
10) Heptane	8.13	43	2314084	10.530	ppbv		100
11) Trichlorofluoromethane	3.96	101	2022979	10.371	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1512264	10.232	ppbv		100
13) Ethanol	3.62	45	85386	10.790	ppbv		84
14) Bromoethene	3.74	108	695366	10.701	ppbv		94
15) Acetone	3.86	43	1125352	9.159	ppbv		99
16) 1,3-Butadiene	3.33	39	933239	10.439	ppbv		99
17) tert-Butyl alcohol	4.29	59	1281927	10.130	ppbv		99
18) 1,1-Dichloroethene	4.30	96	675705	10.060	ppbv		95
19) Isopropyl Alcohol	3.97	45	744678	9.742	ppbv	#	94
20) Methylene Chloride	4.35	84	574627	9.256	ppbv		93
21) Allyl Chloride	4.42	41	1087775	9.993	ppbv		97
22) trans-1,2-Dichloroethene	4.89	96	699512	10.359	ppbv		99
23) Vinyl Acetate	5.08	43	1921763	10.437	ppbv		99
24) 1,1-Dichloroethane	5.02	63	1411035	10.527	ppbv		98
25) Ethyl Acetate	5.68	43	3529711	10.237	ppbv		99
26) Hexane	5.70	57	1706343	10.051	ppbv		99
27) Carbon Disulfide	4.56	76	1718568	11.422	ppbv		100
28) Methyl tert-Butyl Ether	5.04	73	1395204	9.870	ppbv		99
29) Chloroform	5.76	83	2446554	10.081	ppbv		99
30) Cyclohexane	7.14	84	1434316	9.963	ppbv		99
31) cis-1,2-Dichloroethene	5.56	61	1588986	10.310	ppbv		98
32) 1,1,1-Trichloroethane	6.52	97	2346504	10.199	ppbv		99
34) 2-Butanone	5.25	43	1564559	9.570	ppbv		98
35) Carbon Tetrachloride	7.03	117	2425901	10.548	ppbv		97
36) Benzene	6.90	78	3539028	10.231	ppbv		99
37) 1,2-Dichloroethane	6.31	62	1675597	10.288	ppbv		99
38) Trichloroethene	7.84	130	1392508	10.190	ppbv		98
39) 1,2-Dichloropropane	7.62	63	1344679	10.335	ppbv		96
40) 1,4-Dioxane	7.84	88	322239	9.898	ppbv	#	100
41) Tetrahydrofuran	6.06	42	807797	10.090	ppbv		99
42) Bromodichloromethane	7.80	83	2528281	10.568	ppbv		98
43) Methyl Methacrylate	8.02	69	1261146	11.163	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037855.D
Acq On : 18 Oct 2021 16:19
Operator : SY/AP
Sample : VL1018ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1018ABS01

Quant Time: Oct 19 08:33:21 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5862467	10.088	ppbv		99
45) t-1,3-Dichloropropene	9.28	75	971014	12.491	ppbv		96
46) cis-1,3-Dichloropropene	8.71	75	1305477	12.116	ppbv		96
47) 1,1,2-Trichloroethane	9.48	97	1429984	10.110	ppbv		98
48) Dibromochloromethane	10.31	129	2226425	11.042	ppbv		99
49) Bromoform	13.05	173	1826297	11.838	ppbv		98
50) 4-Methyl-2-Pentanone	8.75	43	2320450	10.903	ppbv		100
51) 2-Hexanone	10.14	43	1065061	11.210	ppbv	#	98
52) Tetrachloroethene	11.23	164	1272007	9.452	ppbv		95
53) Toluene	9.82	91	4100962	10.698	ppbv		100
54) 1,2-Dibromoethane	10.62	107	2003226	10.485	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.13	131	1555866	9.909	ppbv		95
57) Chlorobenzene	12.15	112	2981493	9.582	ppbv		99
58) Ethyl Benzene	12.72	91	5130711	10.074	ppbv		99
59) m/p-Xylene	13.00	91	4971836	11.372	ppbv	#	47
60) o-Xylene	13.70	91	4033361	9.627	ppbv		99
61) Styrene	13.53	104	2234472	11.026	ppbv		100
62) Isopropylbenzene	14.67	105	5675030	9.711	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.68	83	2946688	9.114	ppbv		99
64) n-propylbenzene	15.57	120	1503410	10.316	ppbv		99
65) tert-Butylbenzene	16.75	119	4984717	9.693	ppbv		100
66) Benzyl Chloride	16.99	91	268982	10.598	ppbv	#	100
67) sec-Butylbenzene	17.30	105	6937437	9.863	ppbv		99
69) p-Isopropyltoluene	17.66	119	5737910	10.091	ppbv		100
70) n-Butylbenzene	18.55	91	5533806	10.244	ppbv		99
71) 2-Chlorotoluene	15.46	91	4132685	10.014	ppbv		100
72) 4-Ethyltoluene	15.84	105	4875971	10.249	ppbv		99
73) 1,3,5-Trimethylbenzene	16.00	105	4384592	10.146	ppbv		96
74) 1,2,4-Trimethylbenzene	16.77	105	4545055	10.016	ppbv	#	92
75) 1,3-Dichlorobenzene	17.00	146	2734733	9.727	ppbv		100
76) 1,4-Dichlorobenzene	17.14	146	2627741	9.798	ppbv		99
77) 1,2-Dichlorobenzene	17.82	146	2629201	9.735	ppbv		99
78) Hexachloro-1,3-Butadiene	23.38	225	1830826	8.302	ppbv		99
79) Naphthalene	22.20	128	2930638	10.545	ppbv		98
80) Naphthalene,2-methyl-	24.98	142	633296	8.487	ppbv		99
81) 1,2,4-Trichlorobenzene	21.93	180	949148	5.340	ppbv	#	12

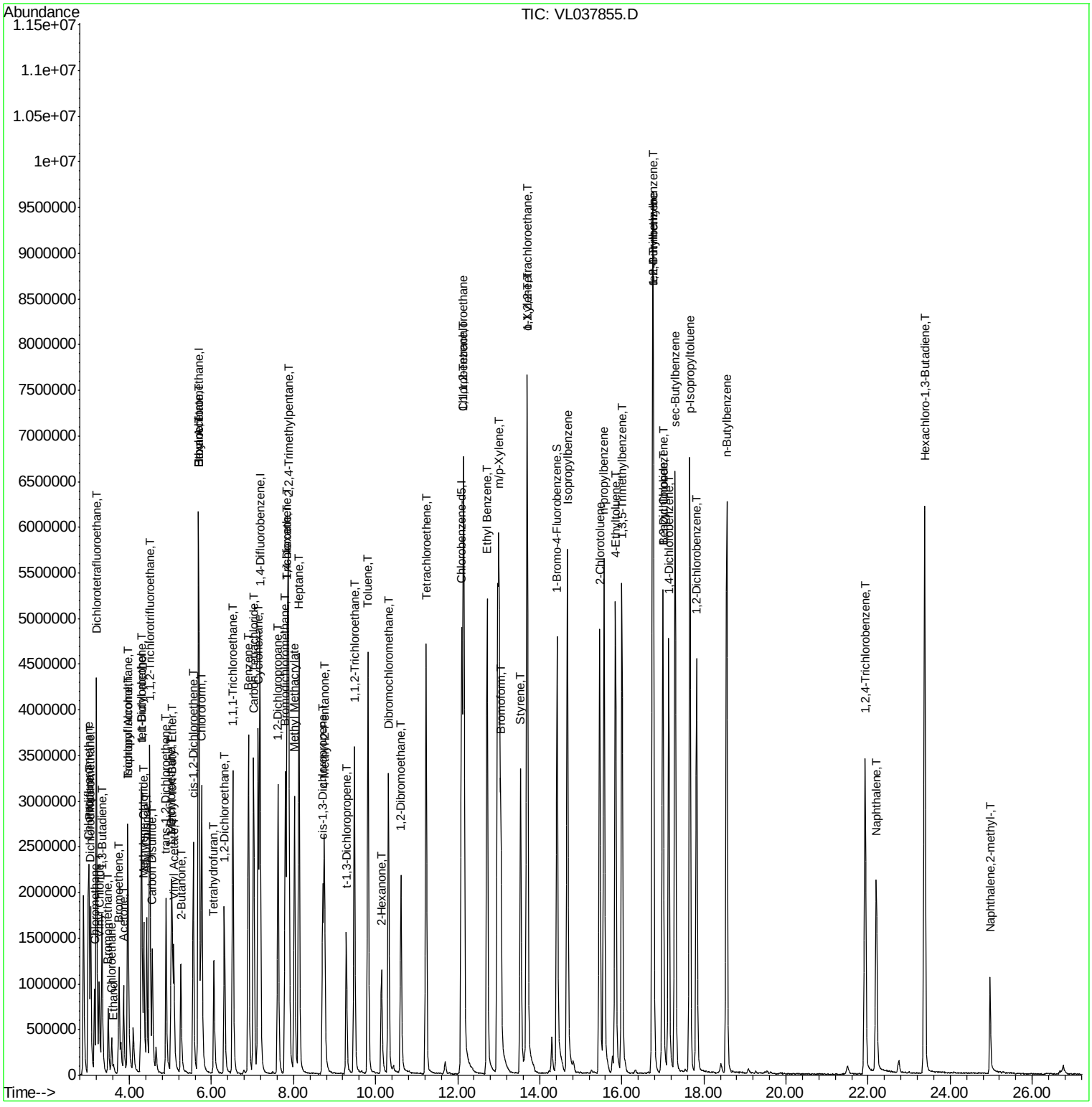
(#) = qualifier out of range (m) = manual integration (+) = signals summed

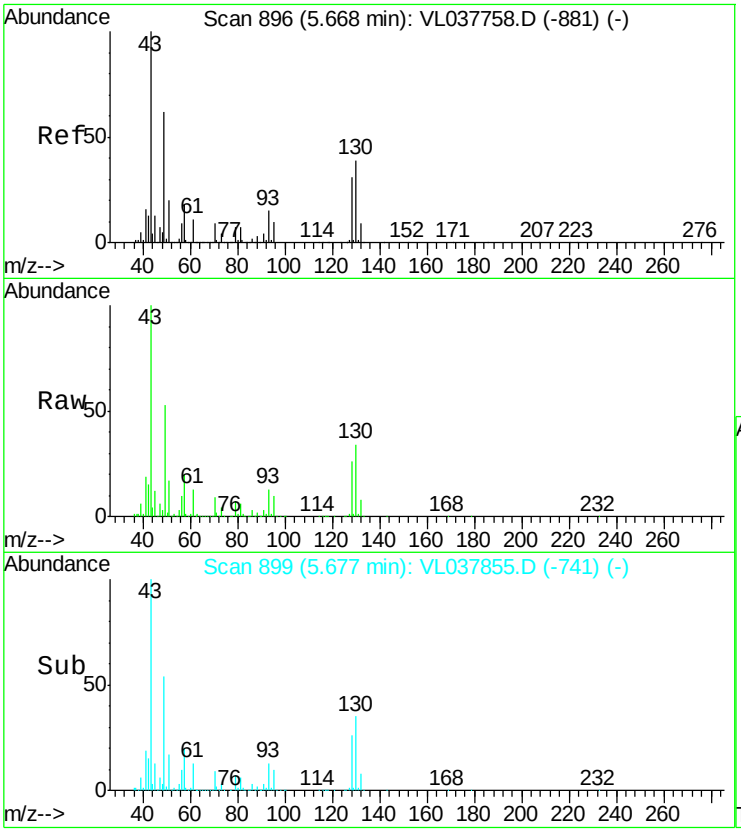
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037855.D
Acq On : 18 Oct 2021 16:19
Operator : SY/AP
Sample : VL1018ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Quant Time: Oct 19 08:33:21 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration



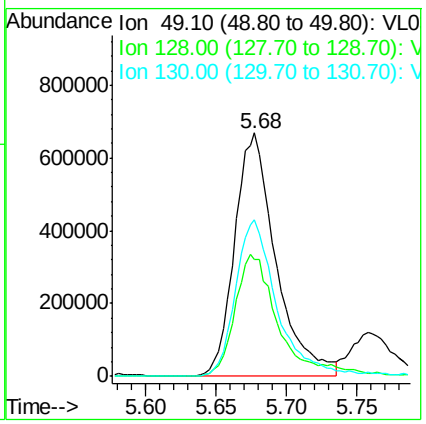


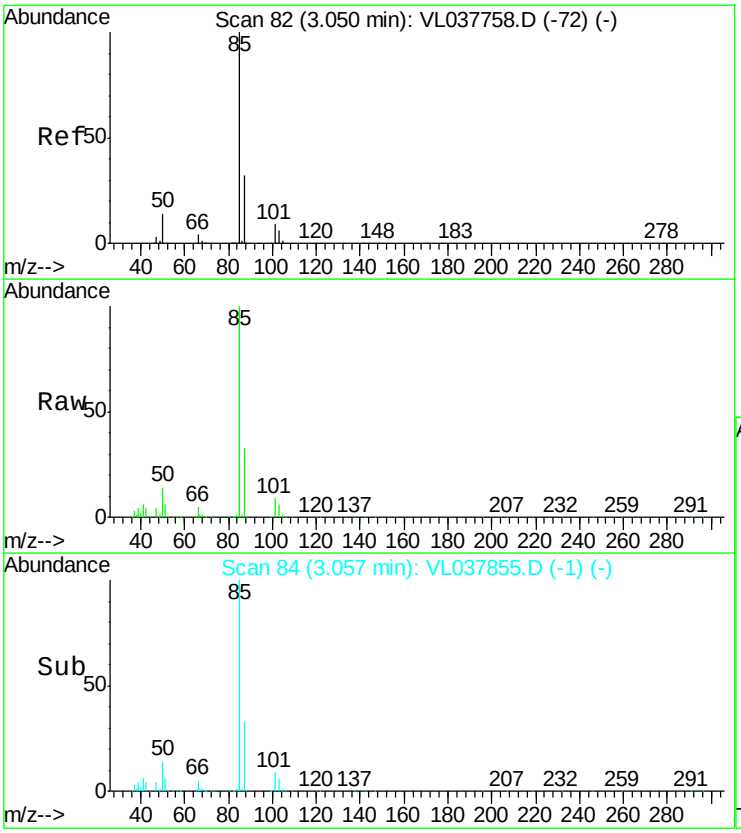
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 49 Resp: 1368731

Ion	Ratio	Lower	Upper
49	100		
128	54.6	27.1	81.3
130	65.9	33.2	99.6

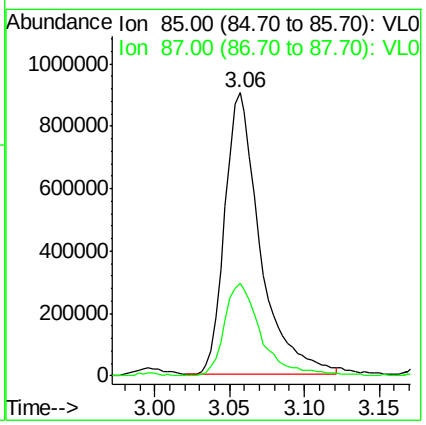


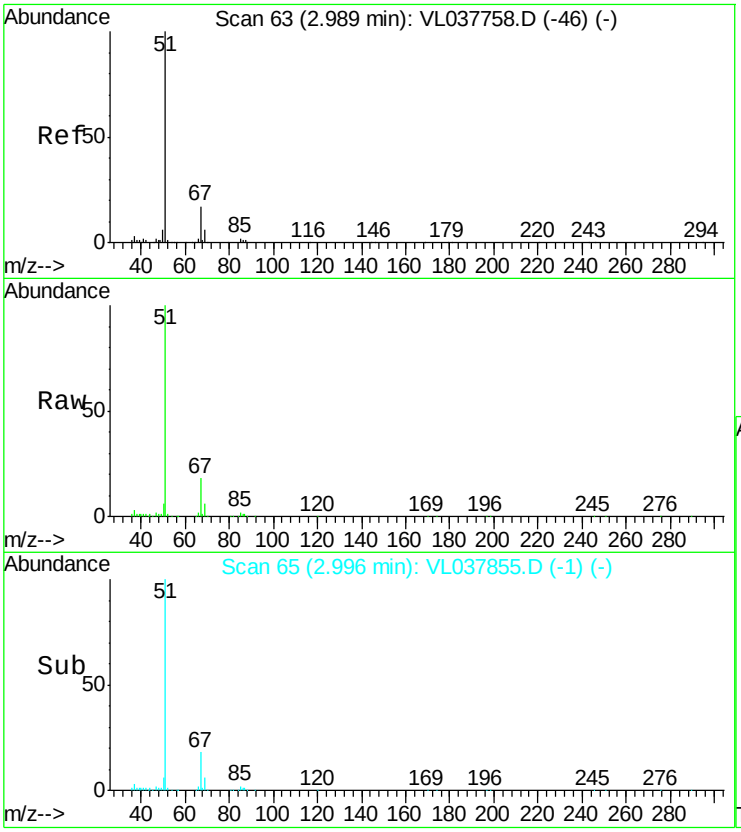


#2
Dichlorodifluoromethane
Concen: 6.850 ppbv
RT: 3.06 min Scan# 84
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 85 Resp: 1497673

Ion	Ratio	Lower	Upper
85	100		
87	32.9	25.7	38.5



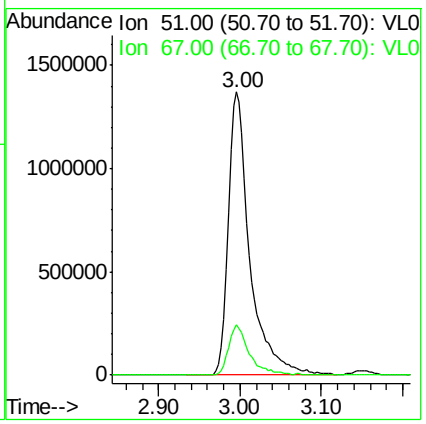


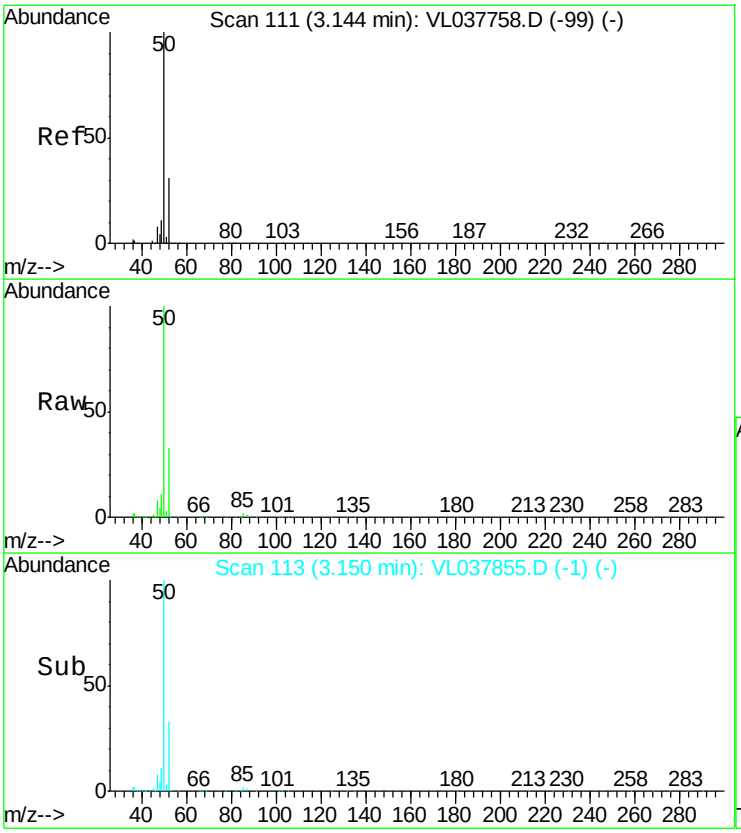
#3
Chlorodifluoromethane
Concen: 9.660 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 51 Resp: 2540533

Ion	Ratio	Lower	Upper
51	100		
67	17.4	13.5	20.3

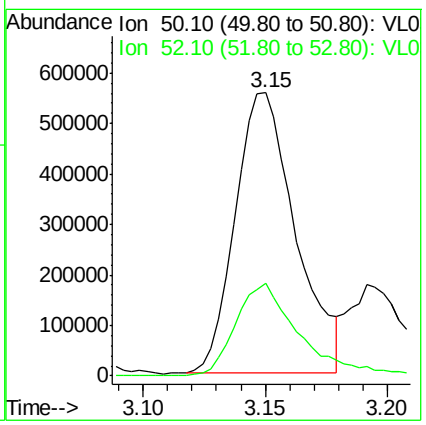


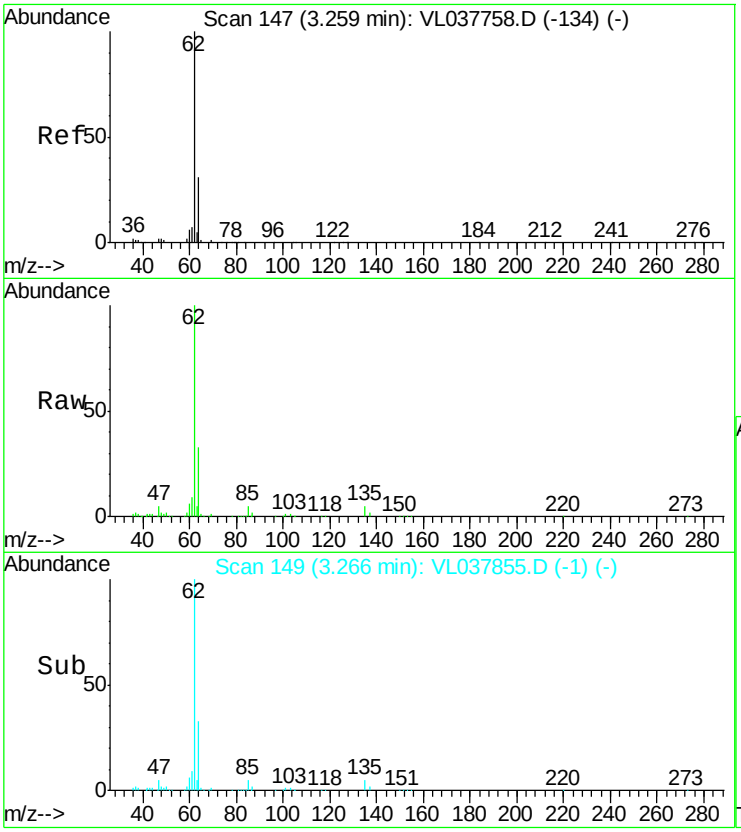


#4
Chloromethane
Concen: 9.899 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 50 Resp: 953490

Ion	Ratio	Lower	Upper
50	100		
52	32.7	24.4	36.6



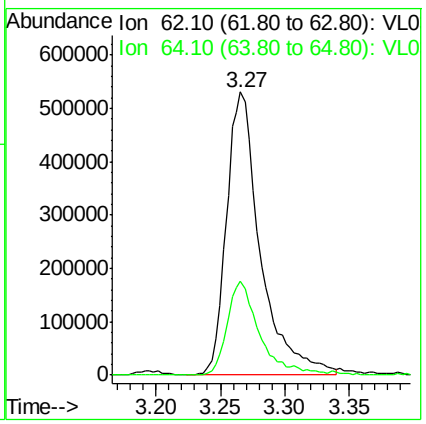


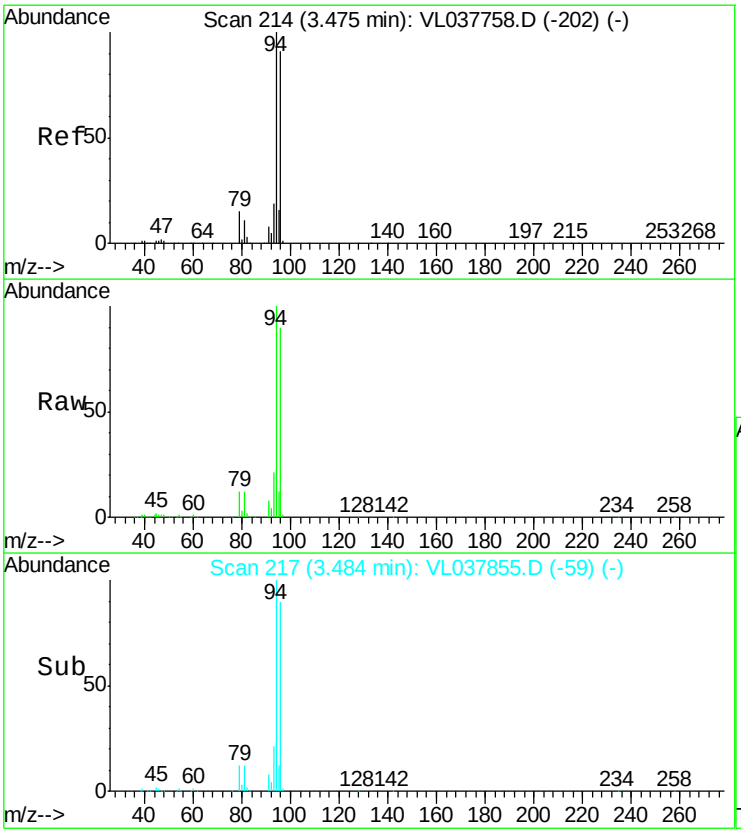
#5
Vinyl Chloride
Concen: 10.892 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 62 Resp: 961769

Ion	Ratio	Lower	Upper
62	100		
64	33.4	24.9	37.3

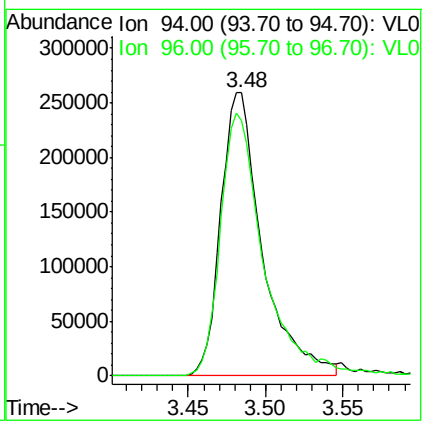


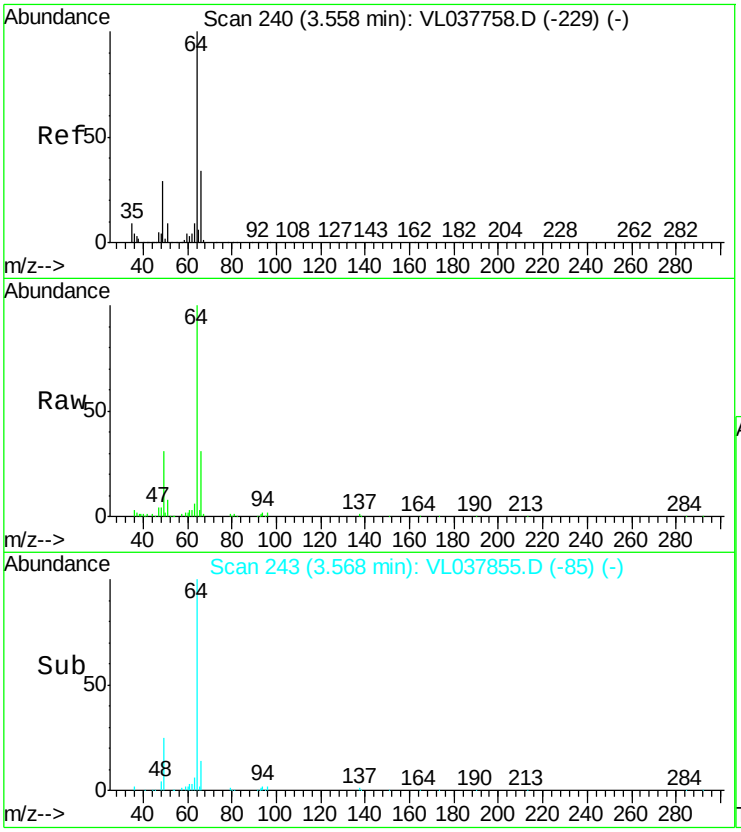


#6
Bromomethane
Concen: 10.020 ppbv
RT: 3.48 min Scan# 217
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 94 Resp: 478613

Ion	Ratio	Lower	Upper
94	100		
96	90.1	72.5	108.7



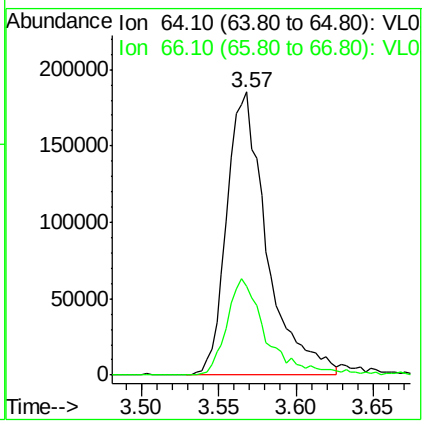


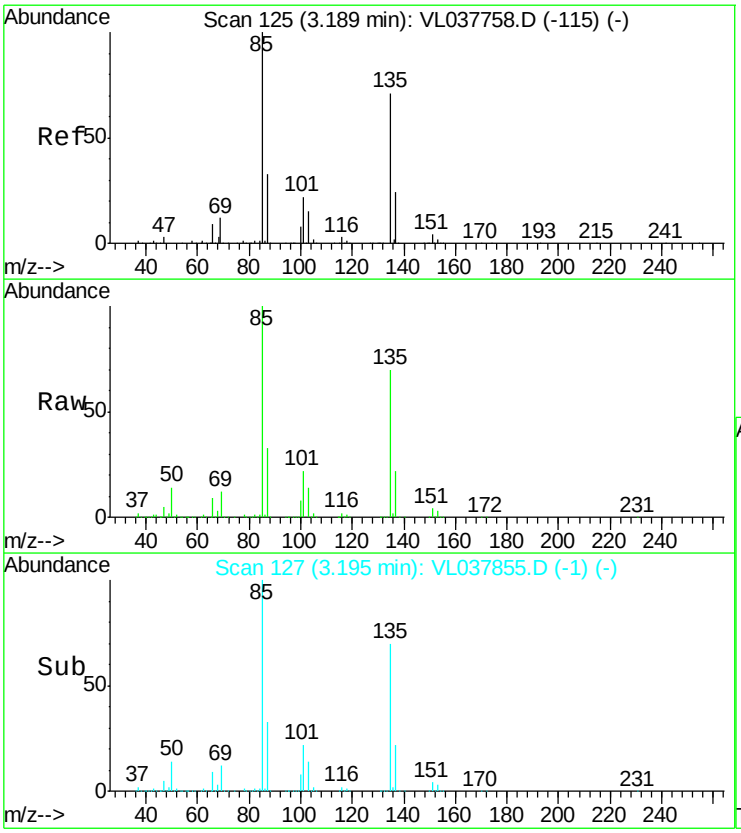
#7
Chloroethane
Concen: 10.216 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 64 Resp: 331698

Ion	Ratio	Lower	Upper
64	100		
66	31.4	27.5	41.3

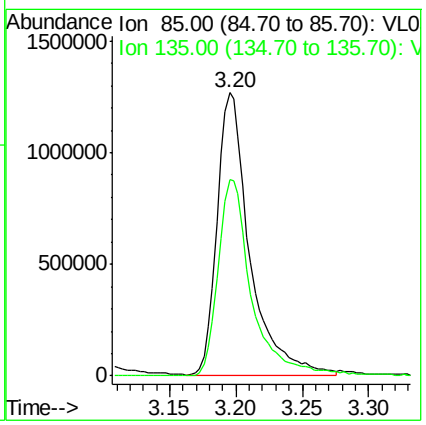


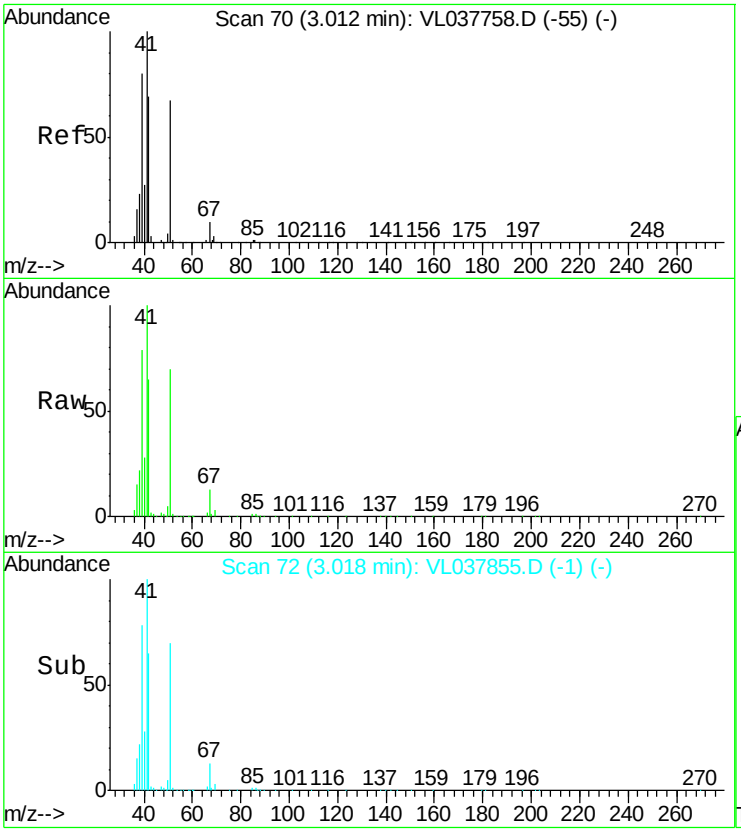


#8
Dichlorotetrafluoroethane
Concen: 10.003 ppbv
RT: 3.20 min Scan# 127
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 85 Resp: 2161458

Ion	Ratio	Lower	Upper
85	100		
135	72.4	59.5	89.3



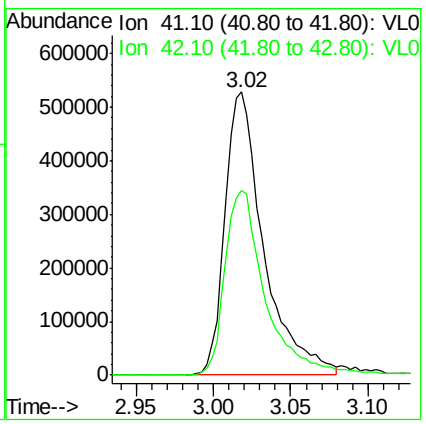


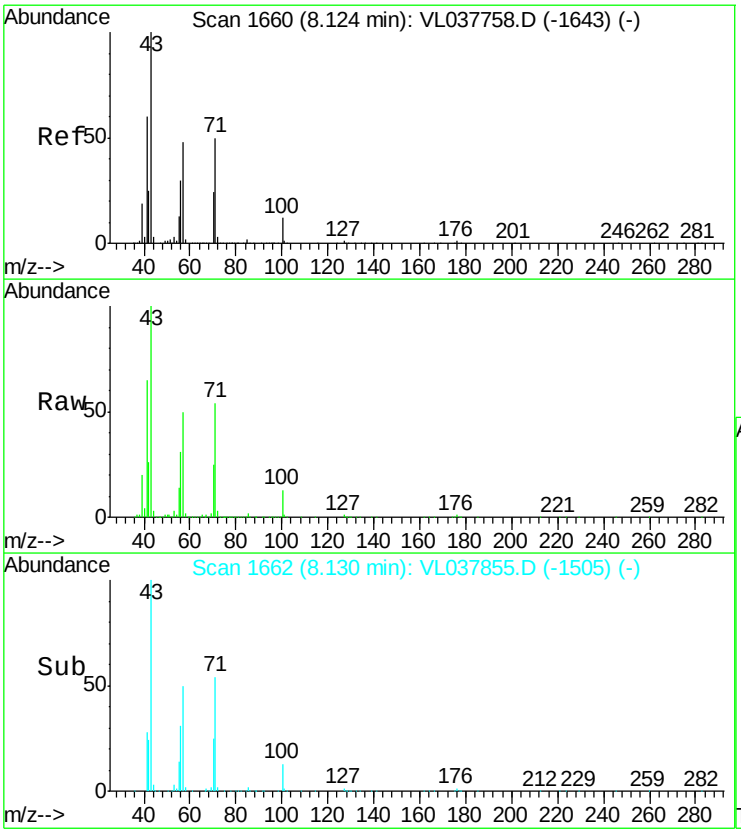
#9
Propene
Concen: 9.470 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 41 Resp: 916377

Ion	Ratio	Lower	Upper
41	100		
42	68.5	54.2	81.2

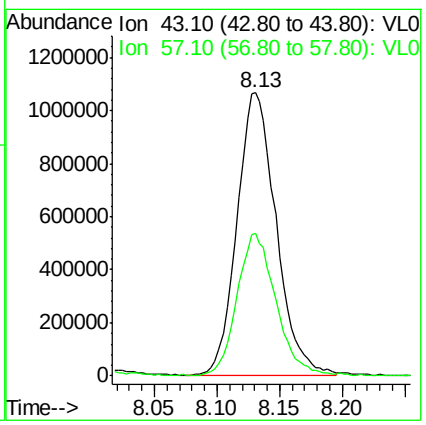


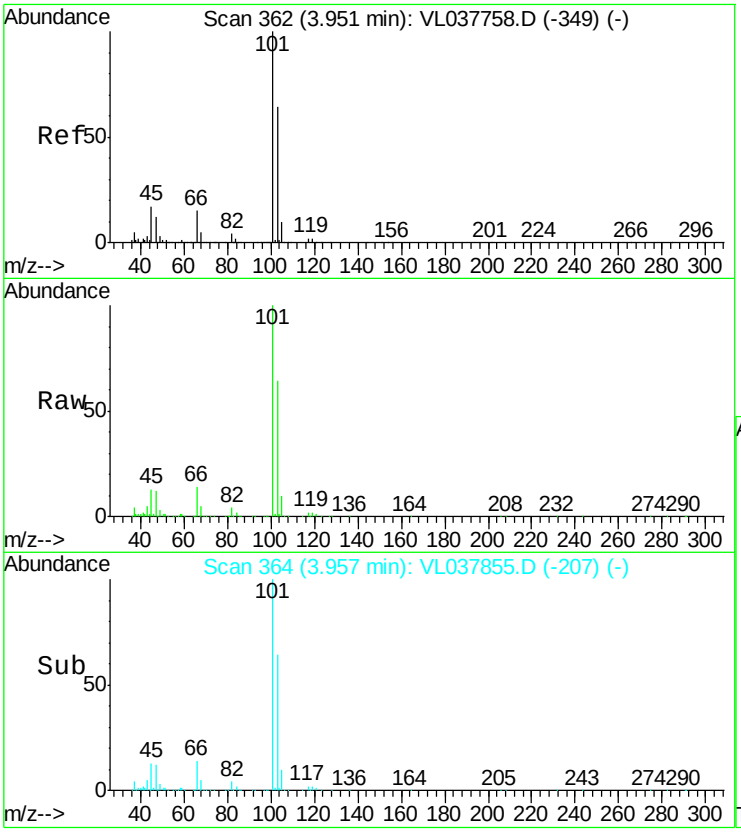


#10
Heptane
Concen: 10.530 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 43 Resp: 2314084

Ion	Ratio	Lower	Upper
43	100		
57	50.3	40.0	60.0



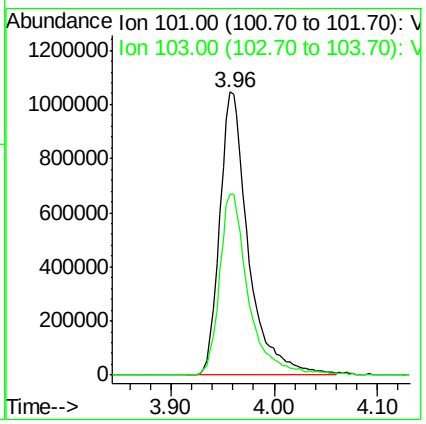


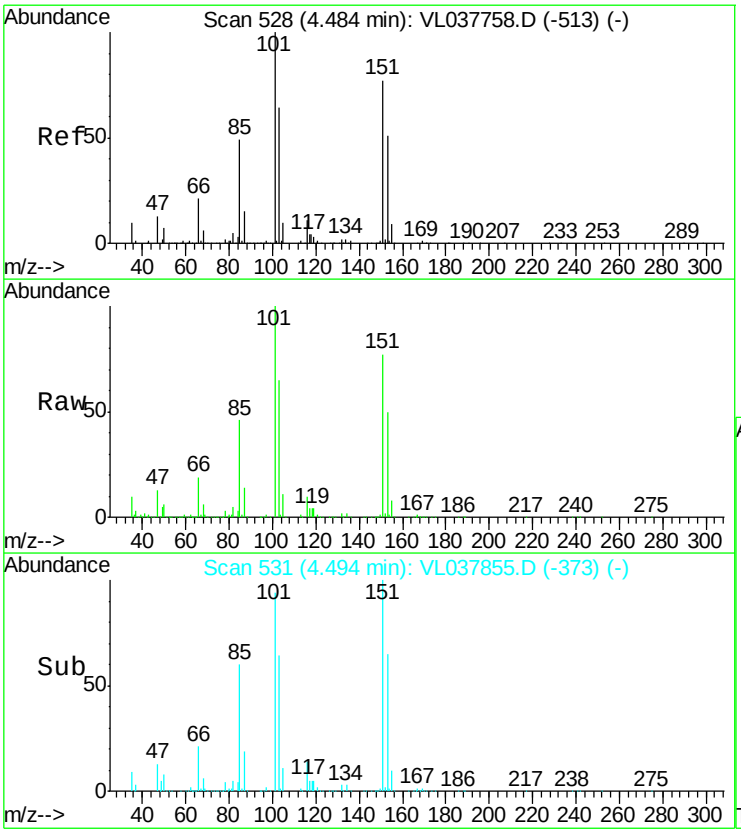
#11
Trichlorofluoromethane
Concen: 10.371 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:101 Resp: 2022979

Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.5	77.3

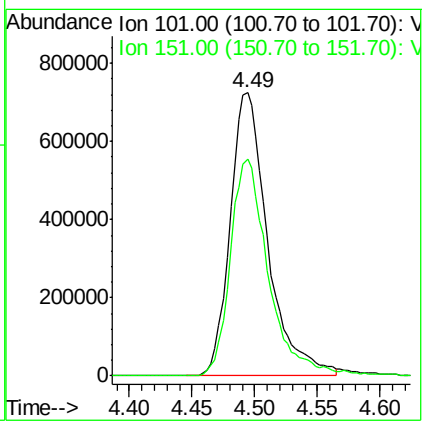


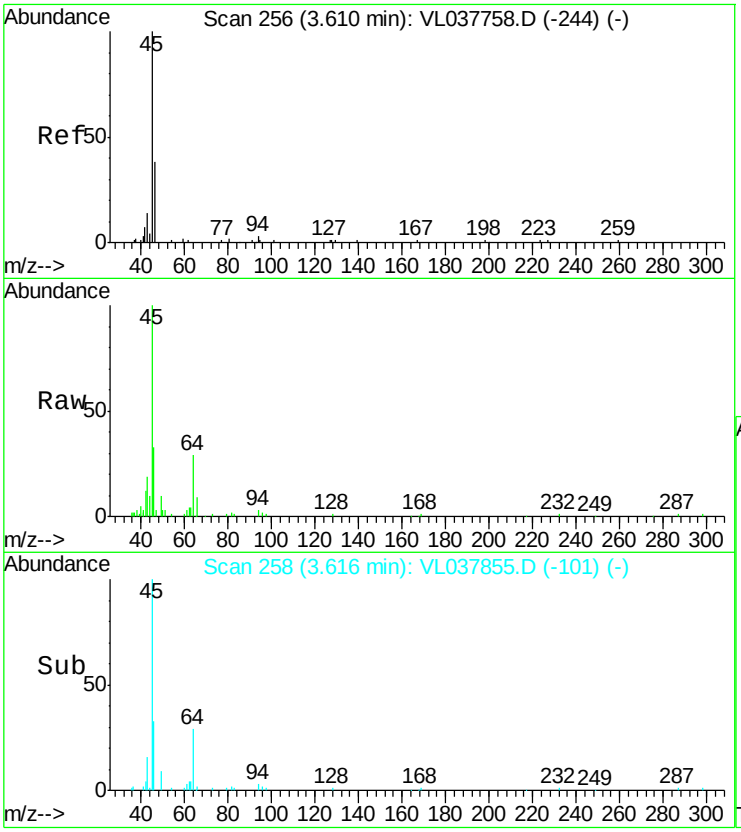


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.232 ppbv
RT: 4.49 min Scan# 531
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:101 Resp: 1512264

Ion	Ratio	Lower	Upper
101	100		
151	78.4	62.9	94.3



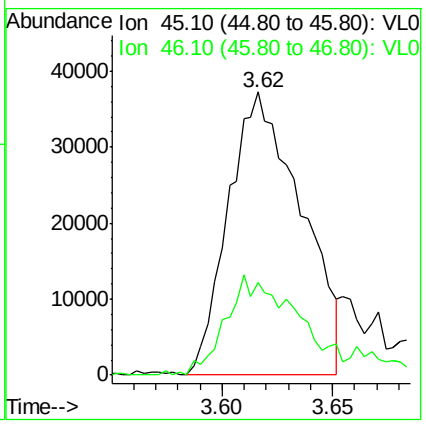


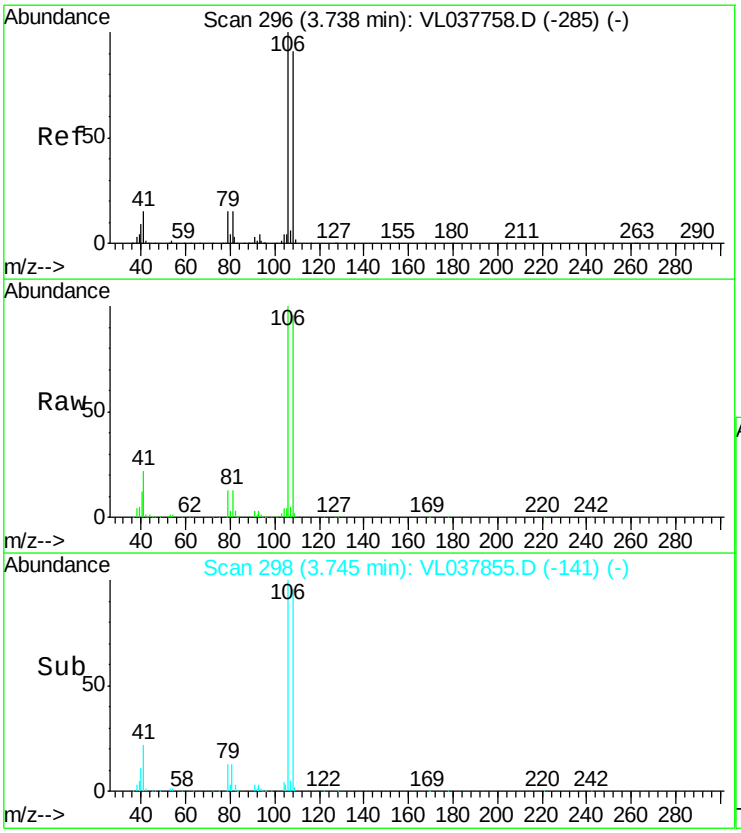
#13
Ethanol
Concen: 10.790 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 45 Resp: 85386

Ion	Ratio	Lower	Upper
45	100		
46	39.5	20.2	81.0

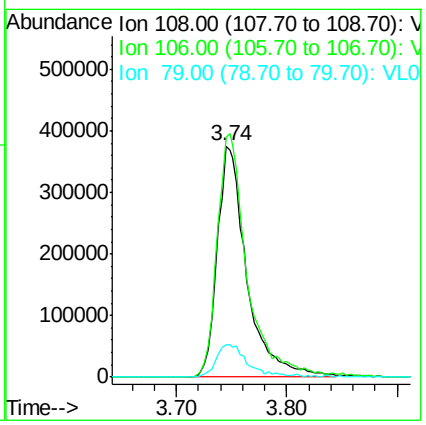


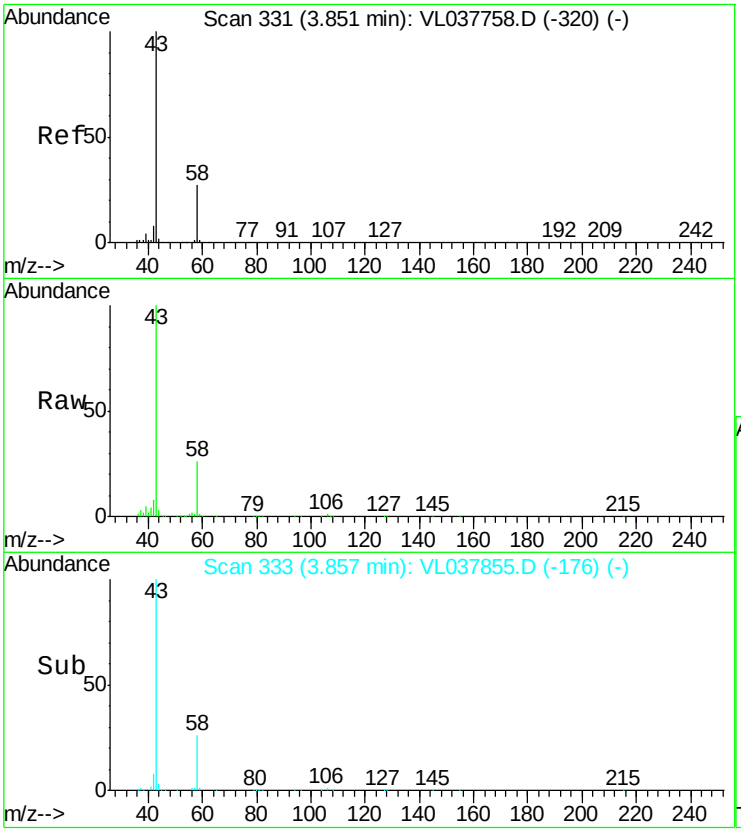


#14
Bromoethene
Concen: 10.701 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:108 Resp: 695366

Ion	Ratio	Lower	Upper
108	100		
106	107.7	91.9	137.9
79	15.7	13.9	20.9



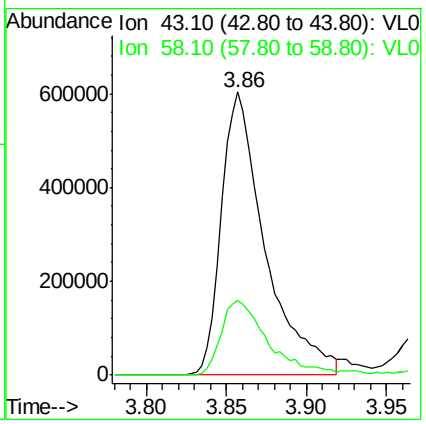


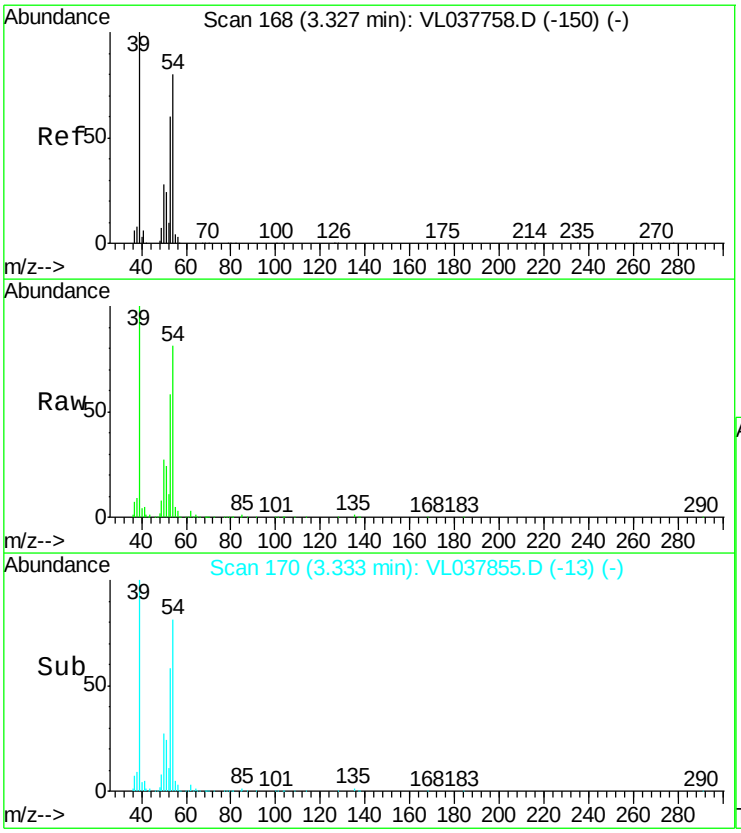
#15
Acetone
Concen: 9.159 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 43 Resp: 1125352

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.0	34.6

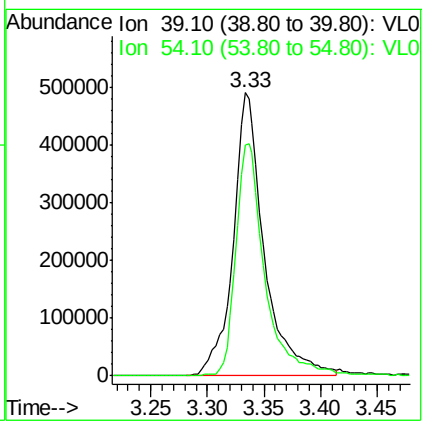


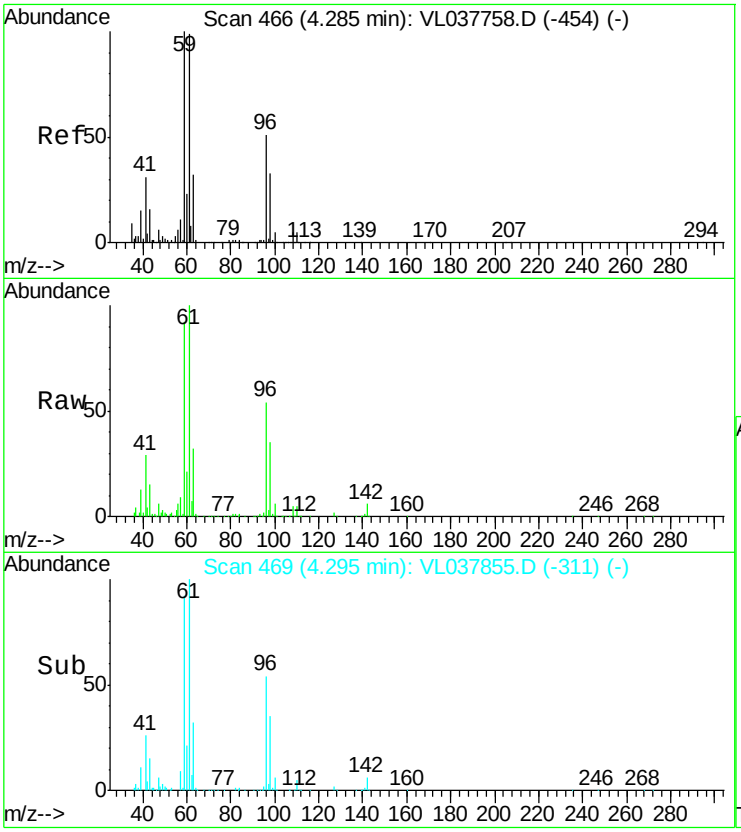


#16
1,3-Butadiene
Concen: 10.439 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 39 Resp: 933239

Ion	Ratio	Lower	Upper
39	100		
54	78.2	61.7	92.5



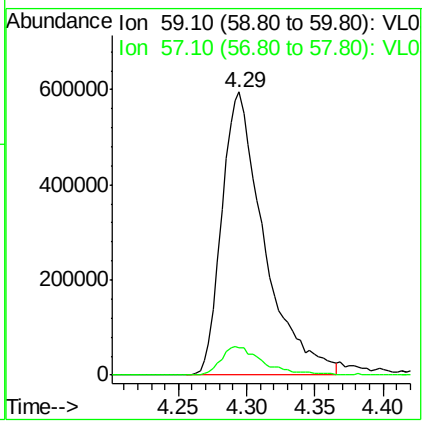


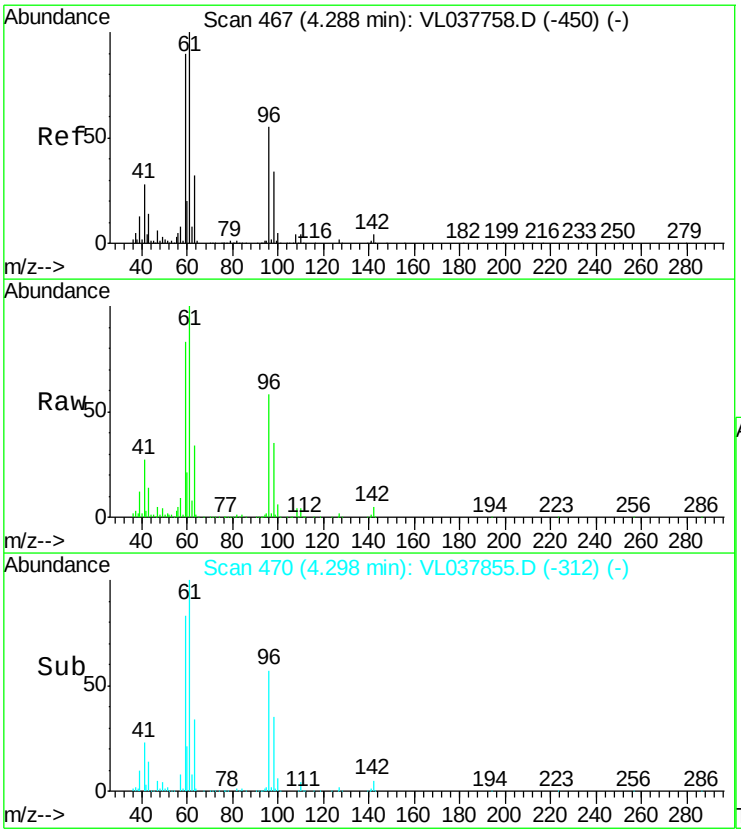
#17
tert-Butyl alcohol
Concen: 10.130 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 59 Resp: 1281927

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.6	13.0

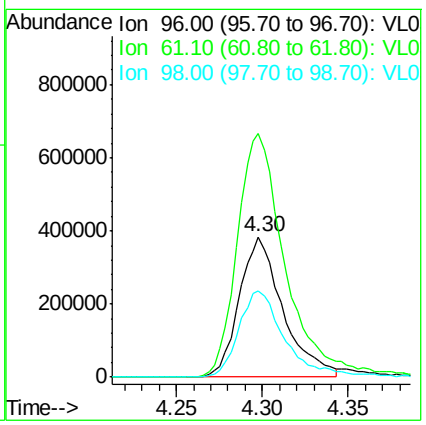


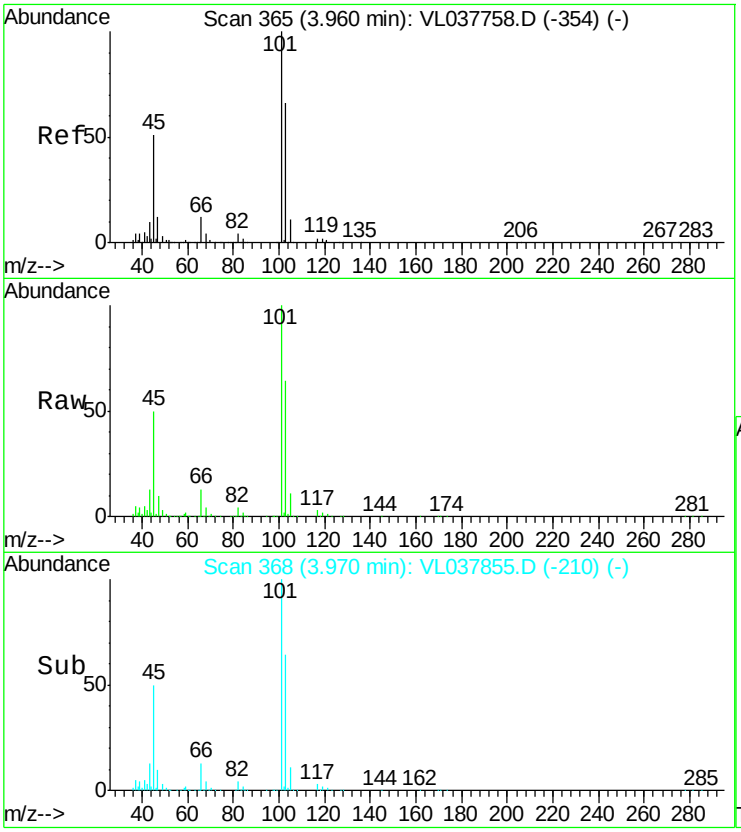


#18
1,1-Dichloroethene
Concen: 10.060 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 96 Resp: 675705

Ion	Ratio	Lower	Upper
96	100		
61	173.9	146.2	219.4
98	61.2	50.0	75.0



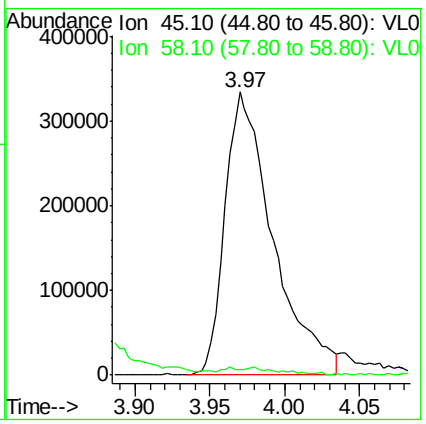


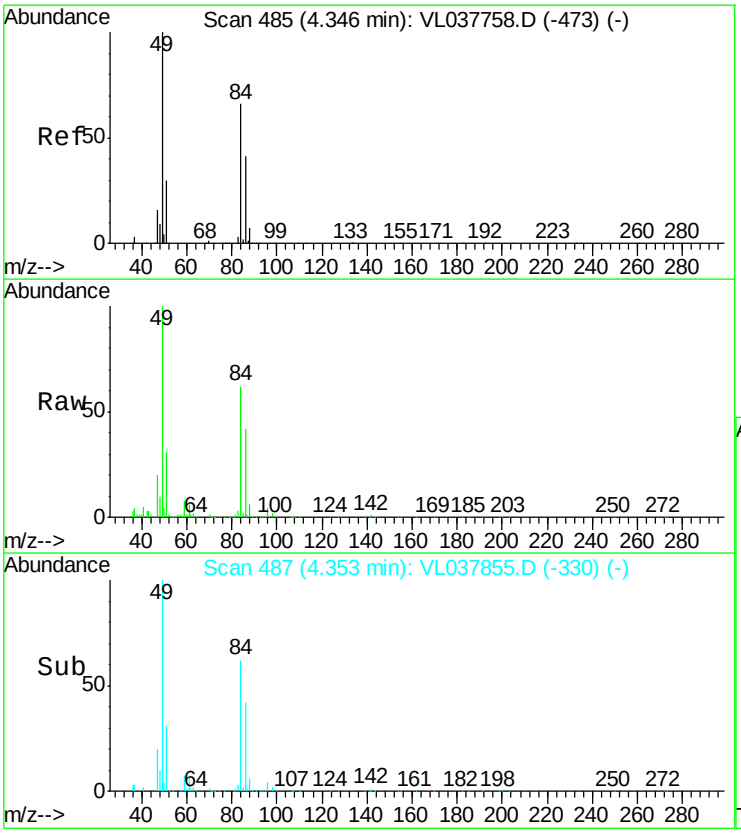
#19
Isopropyl Alcohol
Concen: 9.742 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 45 Resp: 744678

Ion	Ratio	Lower	Upper
45	100		
58	3.6	1.1	1.7#

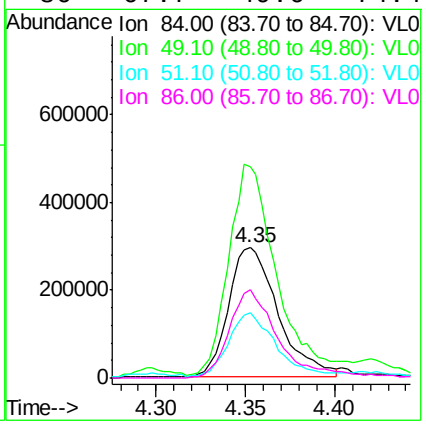


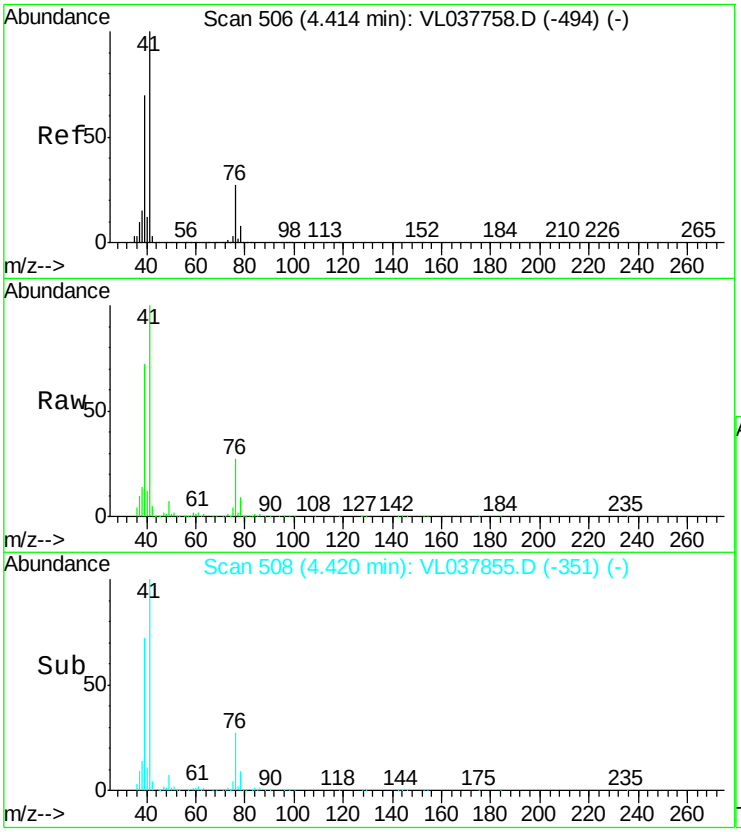


#20
Methylene Chloride
Concen: 9.256 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 84 Resp: 574627

Ion	Ratio	Lower	Upper
84	100		
49	160.6	120.7	181.1
51	49.3	36.2	54.4
86	67.7	49.6	74.4



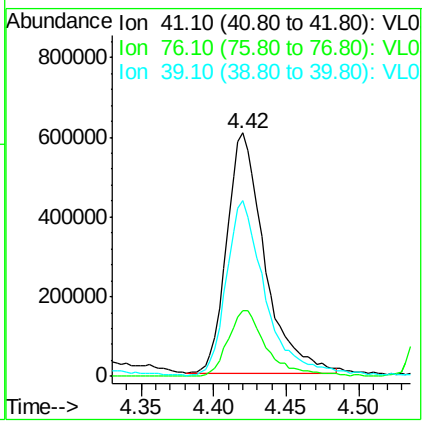


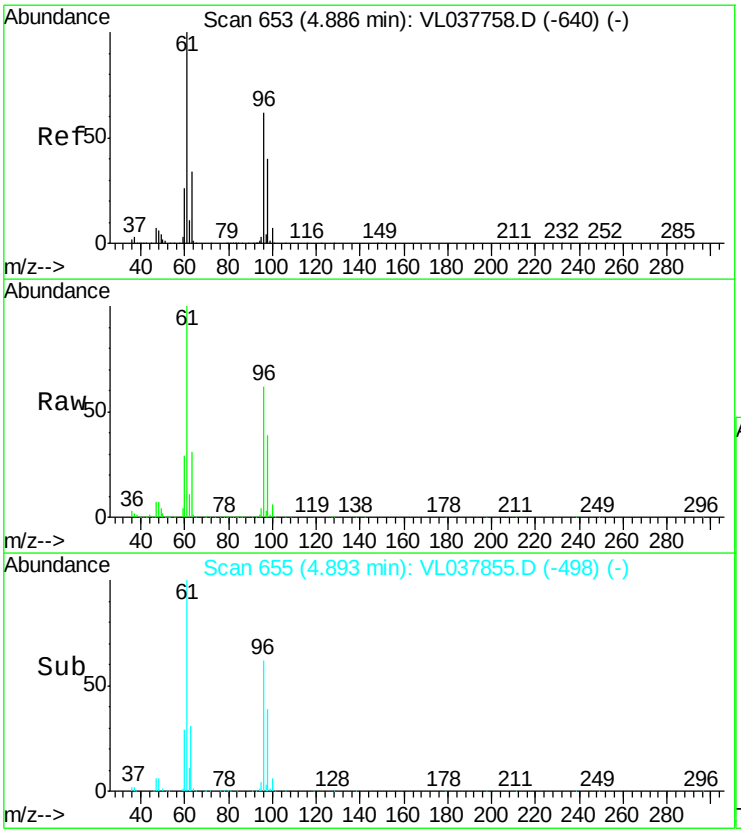
#21
Allyl Chloride
Concen: 9.993 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 41 Resp: 1087775

Ion	Ratio	Lower	Upper
41	100		
76	28.4	22.4	33.6
39	75.2	58.0	87.0

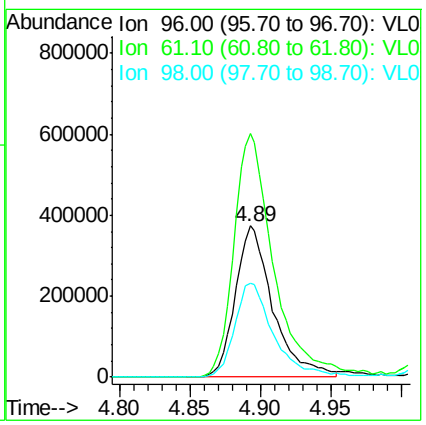


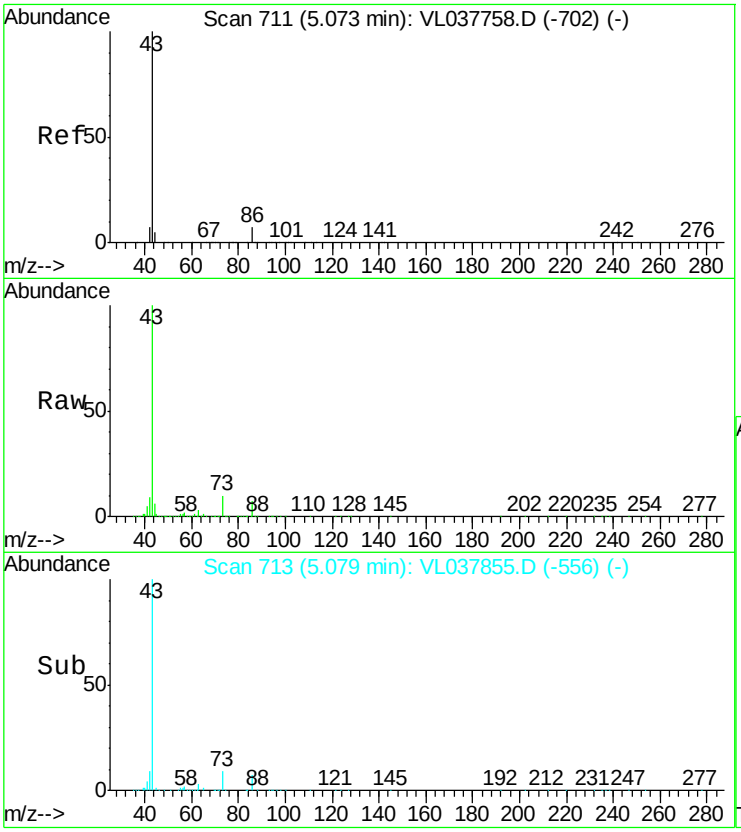


#22
trans-1,2-Dichloroethene
Concen: 10.359 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 96 Resp: 699512

Ion	Ratio	Lower	Upper
96	100		
61	160.8	129.0	193.6
98	62.3	51.7	77.5



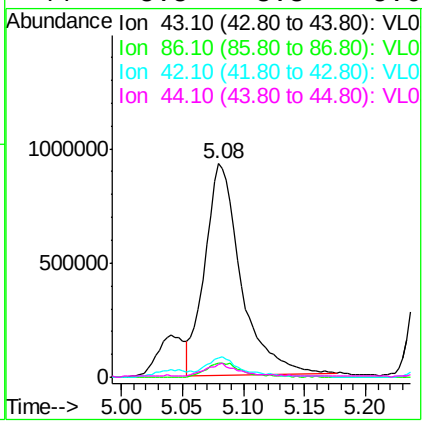


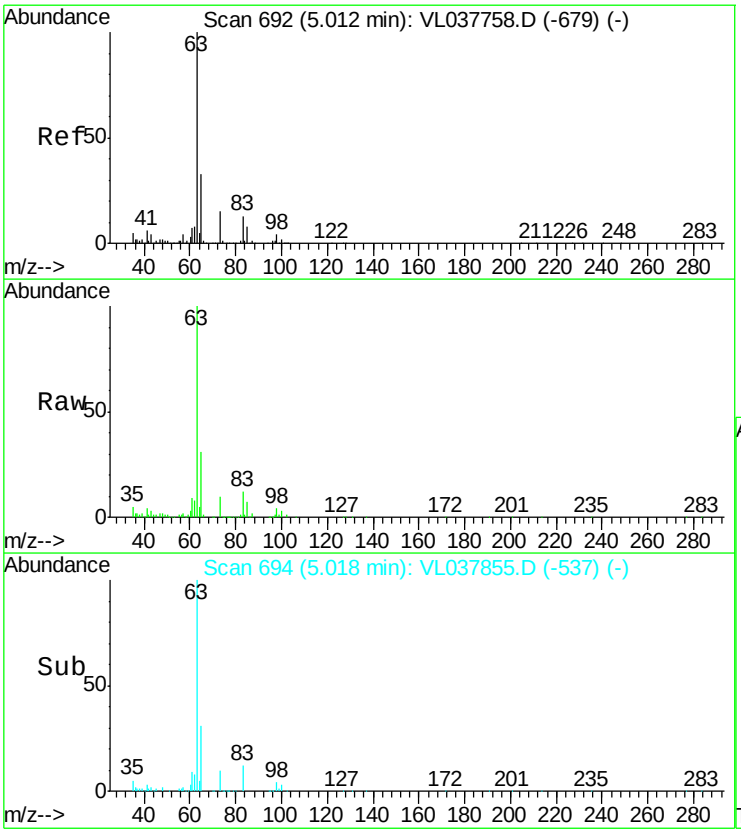
#23
Vinyl Acetate
Concen: 10.437 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 43 Resp: 1921763

Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.0	7.4
42	8.9	7.4	11.0
44	5.5	3.8	5.6

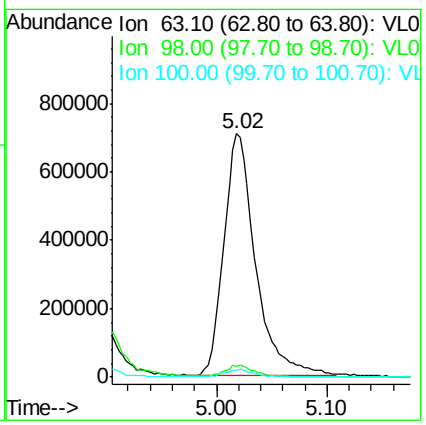


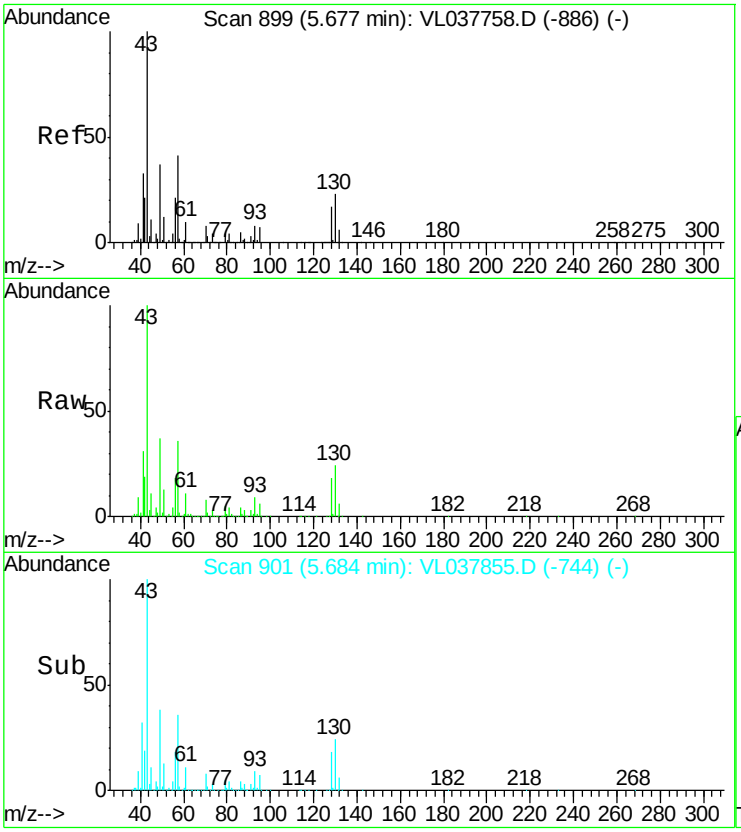


#24
1,1-Dichloroethane
Concen: 10.527 ppbv
RT: 5.02 min Scan# 694
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 63 Resp: 1411035

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.3	6.9
100	3.0	1.1	3.1



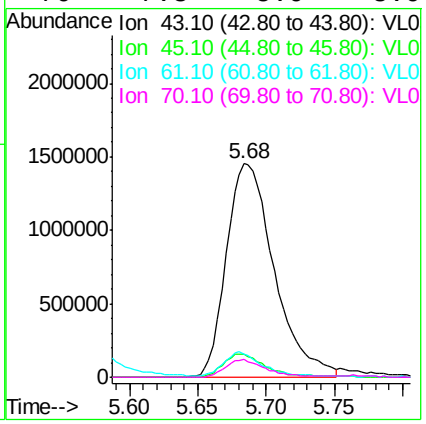


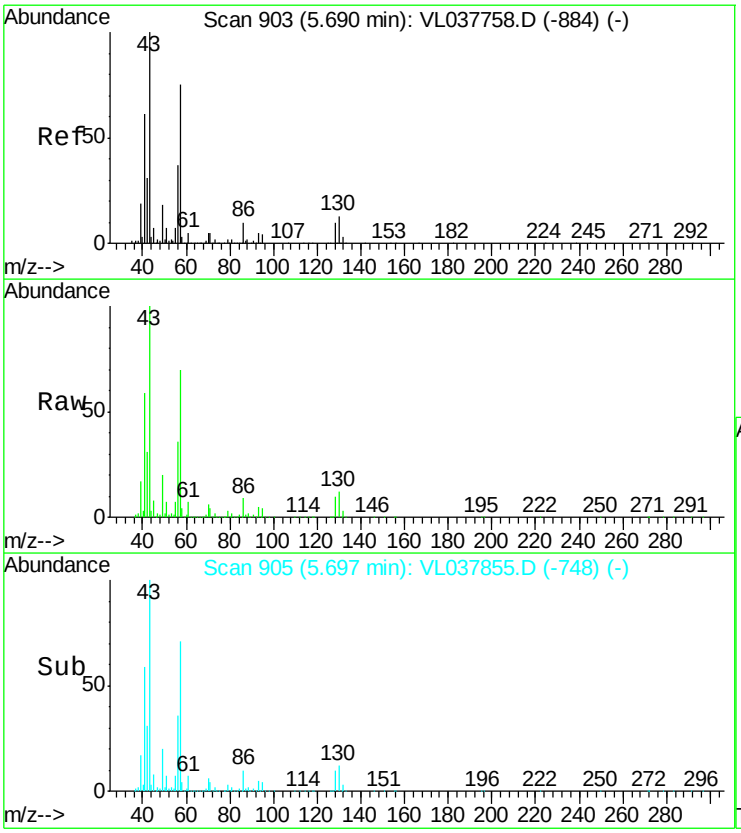
#25
Ethyl Acetate
Concen: 10.237 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 43 Resp: 3529711

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	10.6	7.5	11.3
70	7.3	5.9	8.9

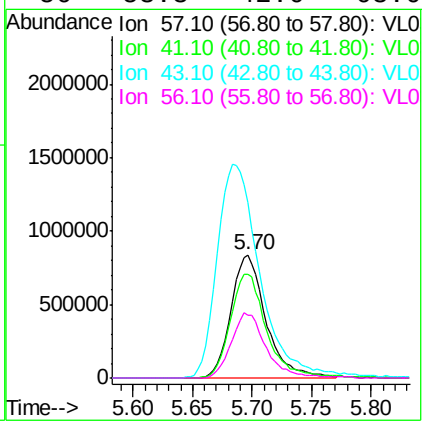


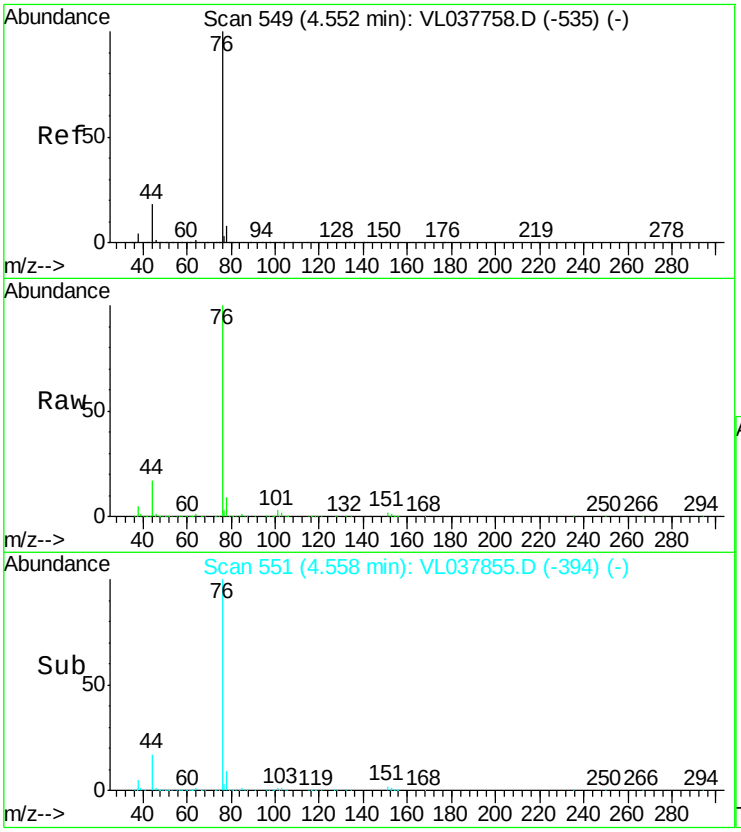


#26
Hexane
Concen: 10.051 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 57 Resp: 1706343

Ion	Ratio	Lower	Upper
57	100		
41	88.7	69.6	104.4
43	213.8	171.4	257.0
56	53.3	42.0	63.0



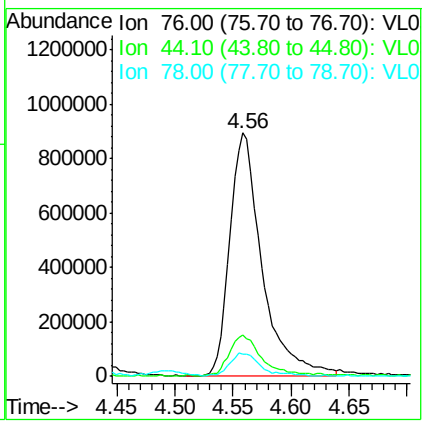


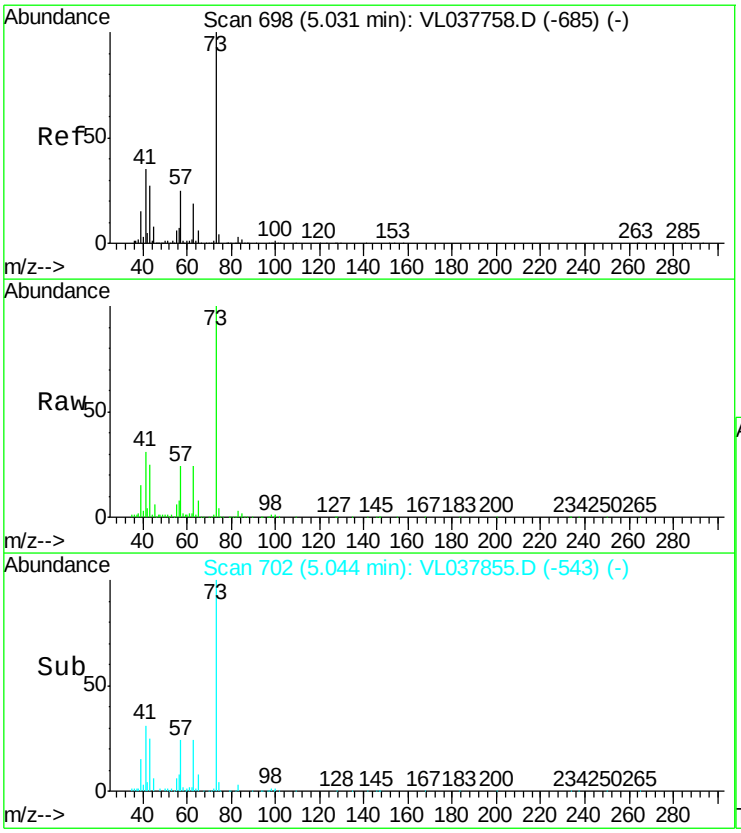
#27
Carbon Disulfide
Concen: 11.422 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 76 Resp: 1718568

Ion	Ratio	Lower	Upper
76	100		
44	17.7	14.3	21.5
78	9.7	7.8	11.6

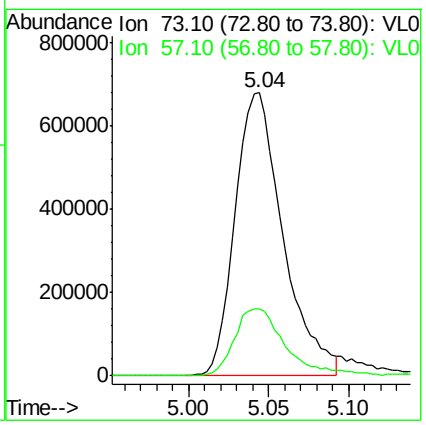


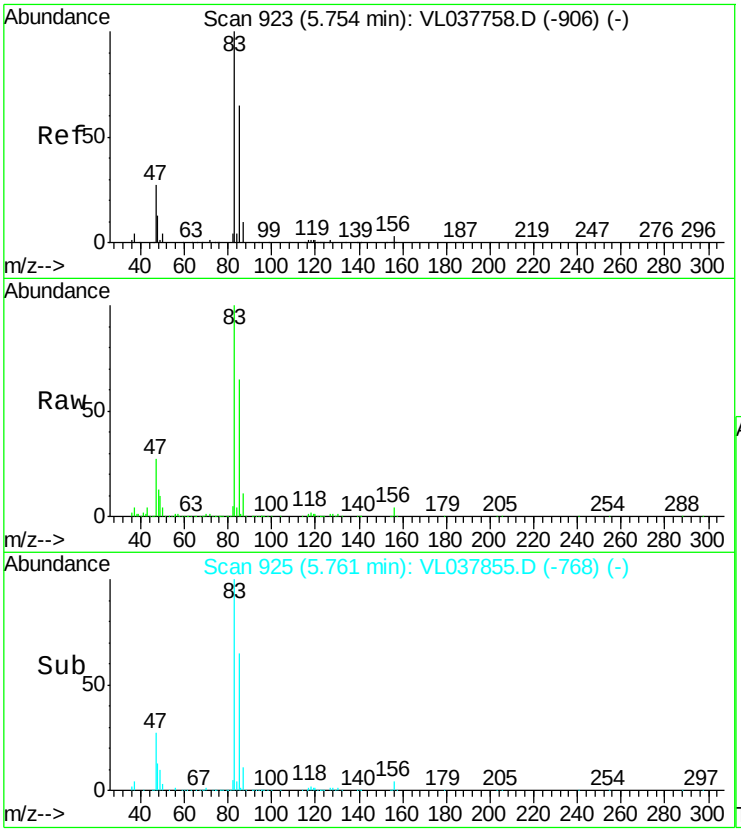


#28
Methyl tert-Butyl Ether
Concen: 9.870 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 73 Resp: 1395204

Ion	Ratio	Lower	Upper
73	100		
57	25.8	20.4	30.6



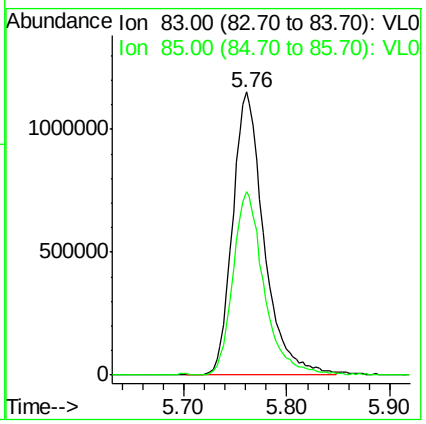


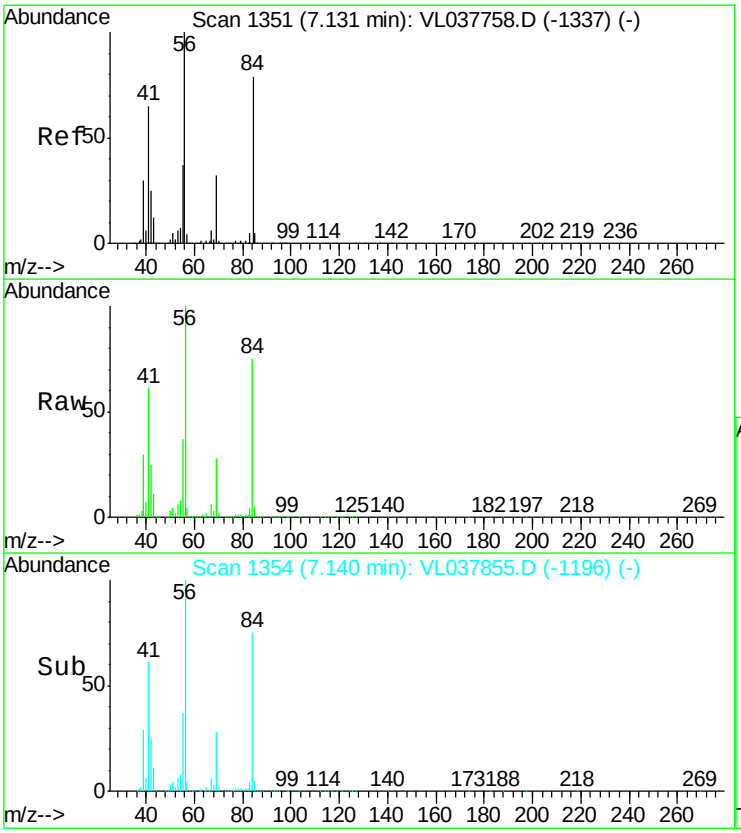
#29
Chloroform
Concen: 10.081 ppbv
RT: 5.76
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 83 Resp: 2446554

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8

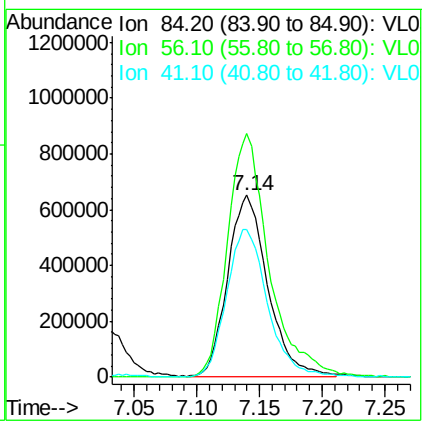


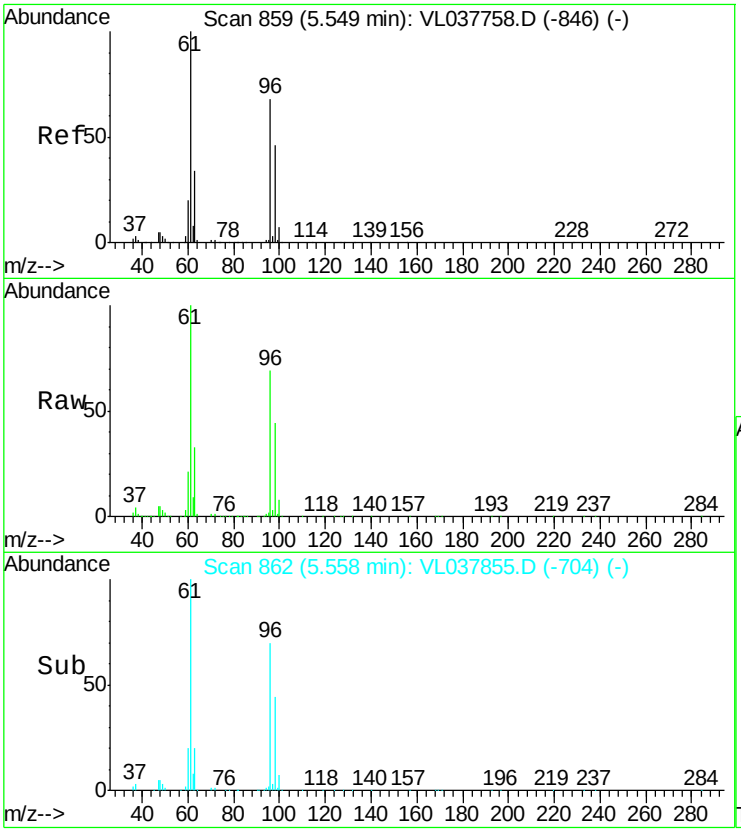


#30
Cyclohexane
Concen: 9.963 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 84 Resp: 1434316

Ion	Ratio	Lower	Upper
84	100		
56	140.7	113.0	169.4
41	84.8	69.1	103.7



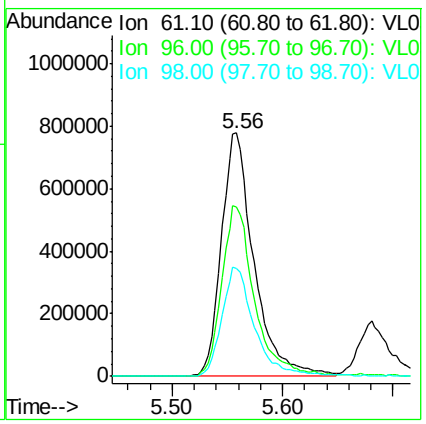


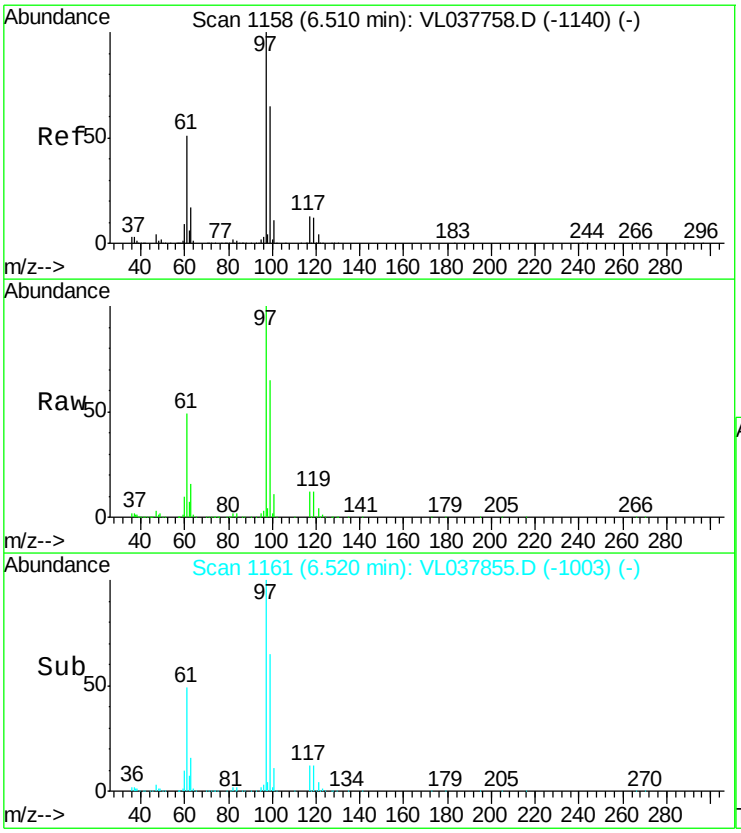
#31
cis-1,2-Dichloroethene
Concen: 10.310 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 61 Resp: 1588986

Ion	Ratio	Lower	Upper
61	100		
96	69.5	54.2	81.2
98	44.3	36.6	54.8

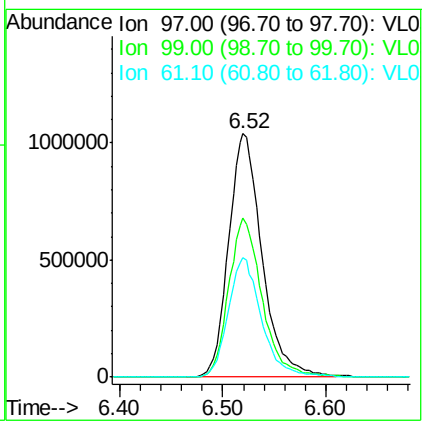


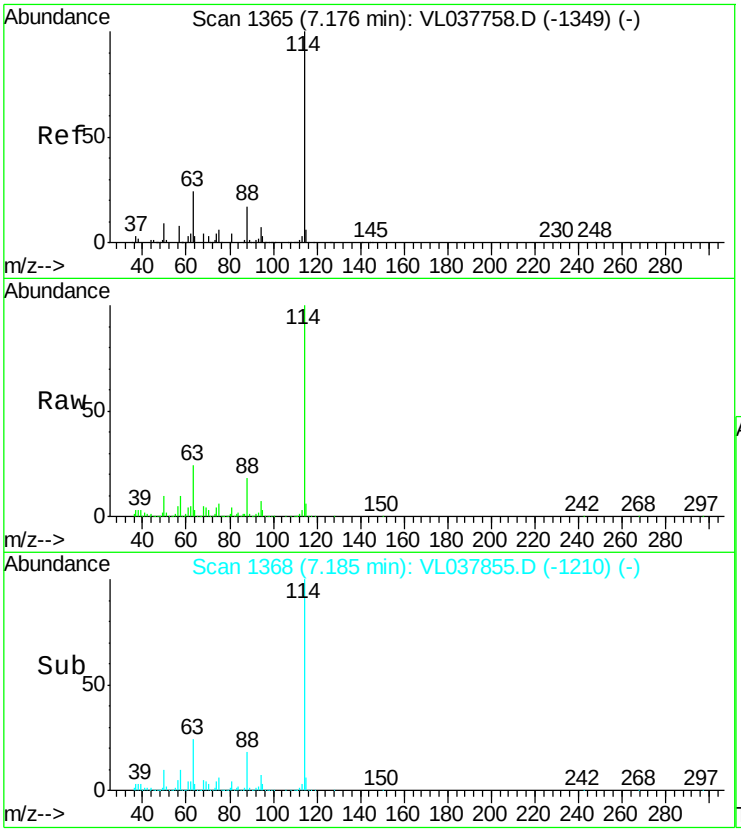


#32
1,1,1-Trichloroethane
Concen: 10.199 ppbv
RT: 6.52 min Scan# 1161
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 97 Resp: 2346504

Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.6	78.8
61	48.9	40.2	60.4



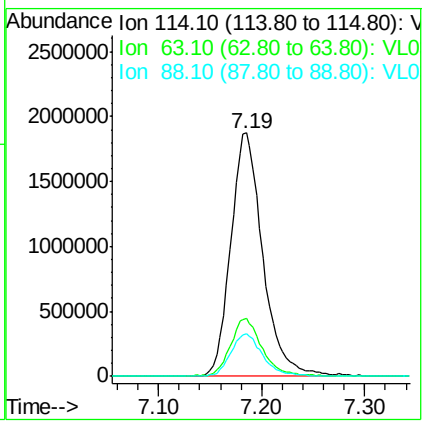


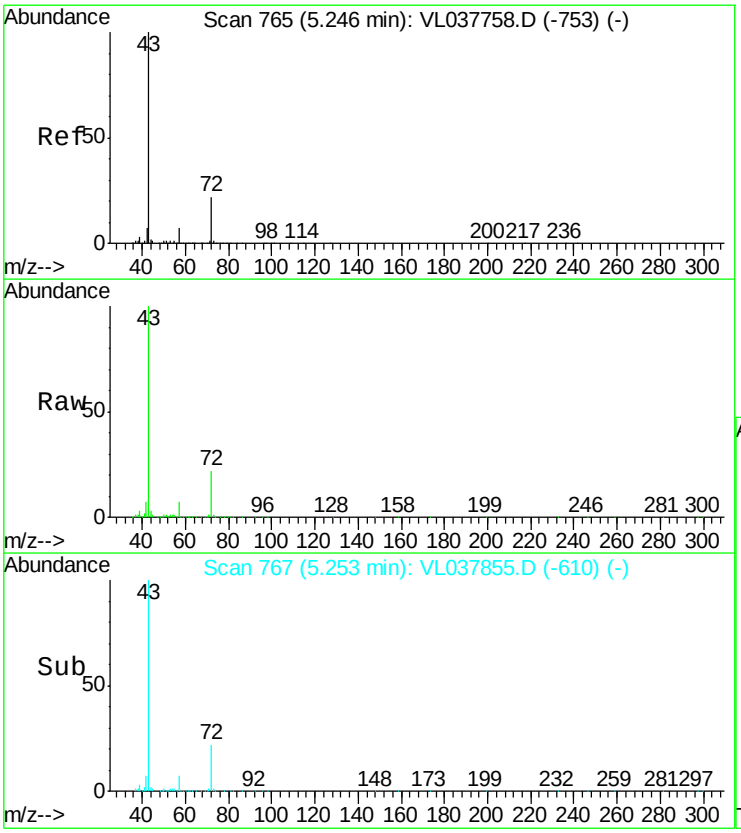
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:114 Resp: 4049696

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.2
88	17.6	14.4	21.6

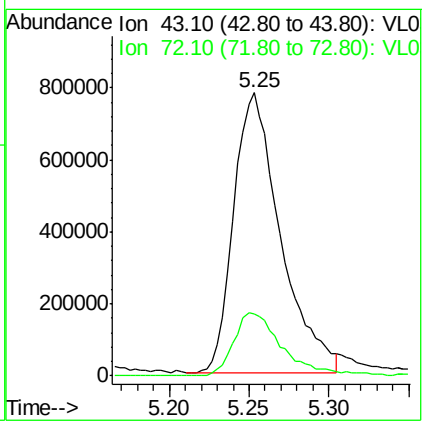


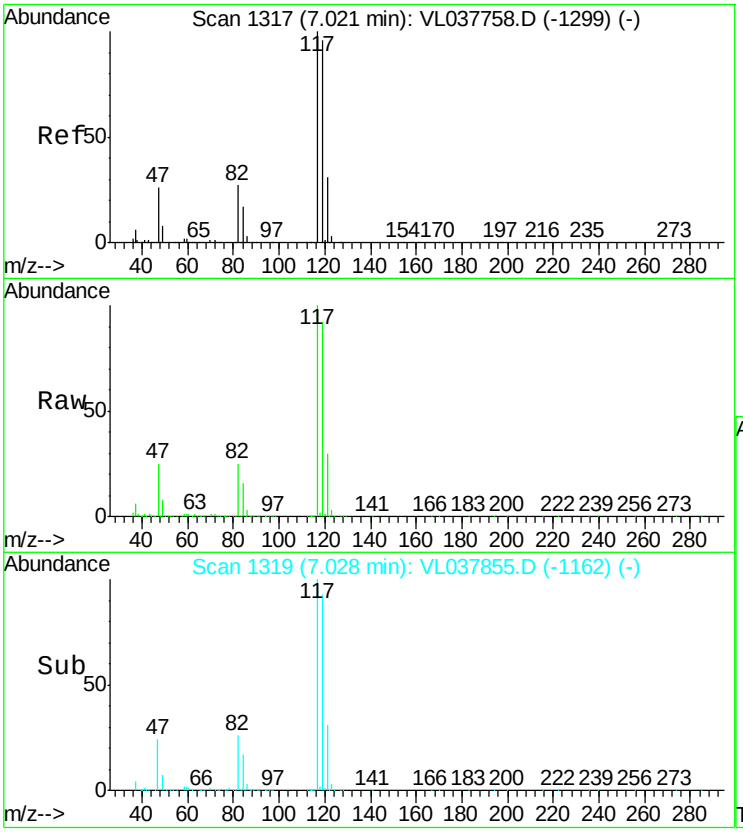


#34
2-Butanone
Concen: 9.570 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 43 Resp: 1564559

Ion	Ratio	Lower	Upper
43	100		
72	23.9	18.2	27.2



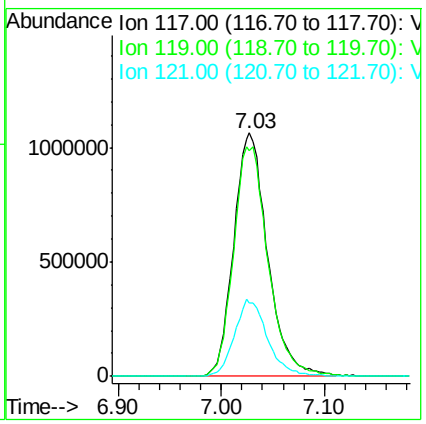


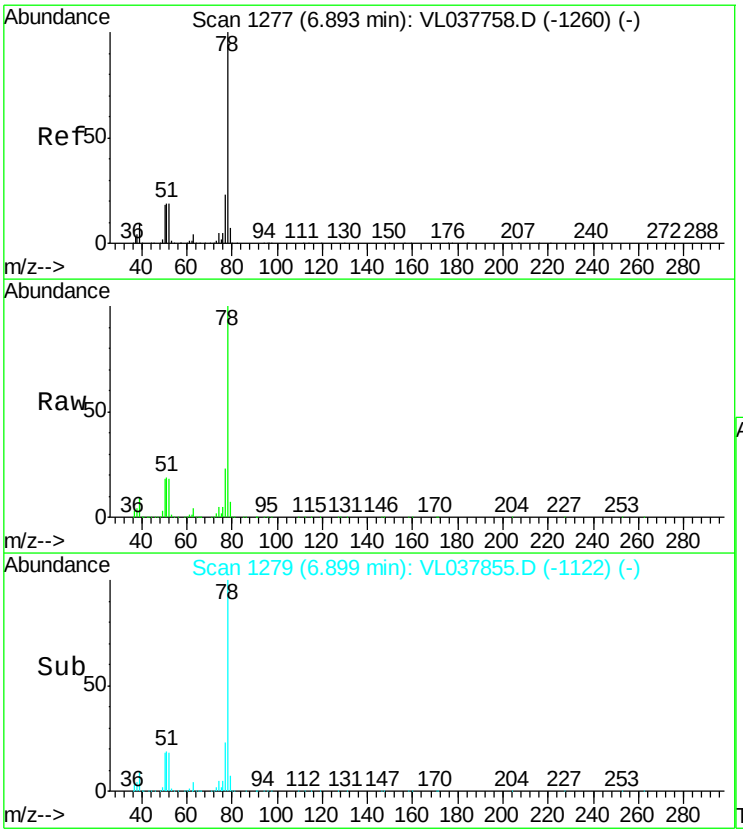
#35
Carbon Tetrachloride
Concen: 10.548 ppbv
RT: 7.03
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:117 Resp: 2425901

Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.5	114.7
121	30.0	24.9	37.3

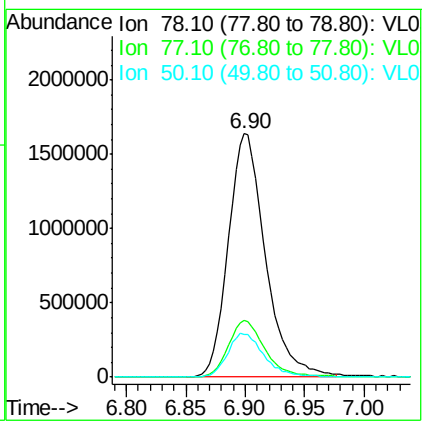


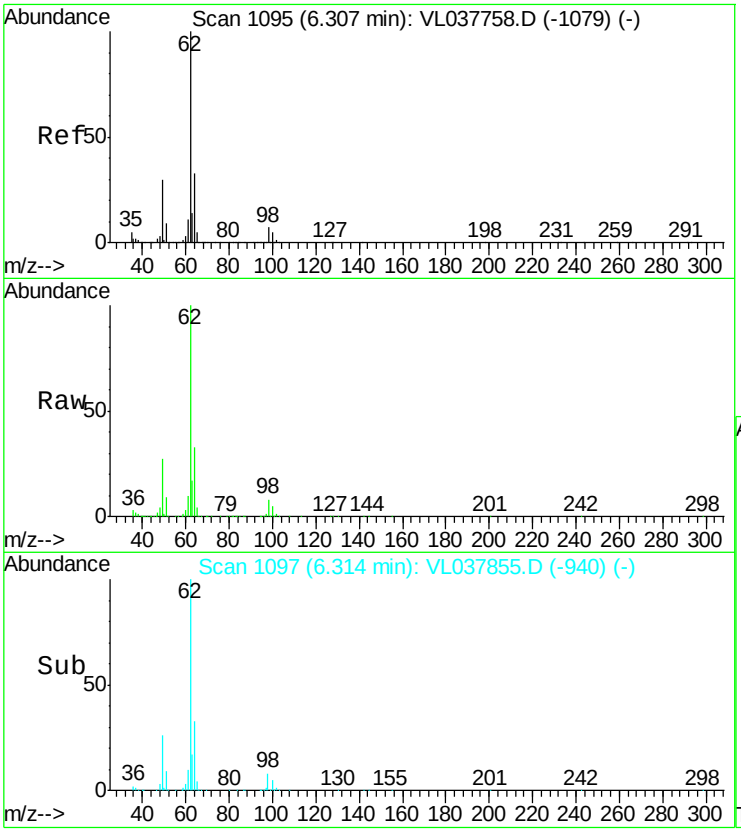


#36
Benzene
Concen: 10.231 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 78 Resp: 3539028

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2
50	17.5	14.7	22.1



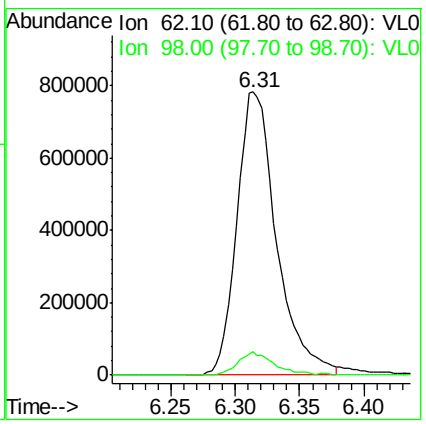


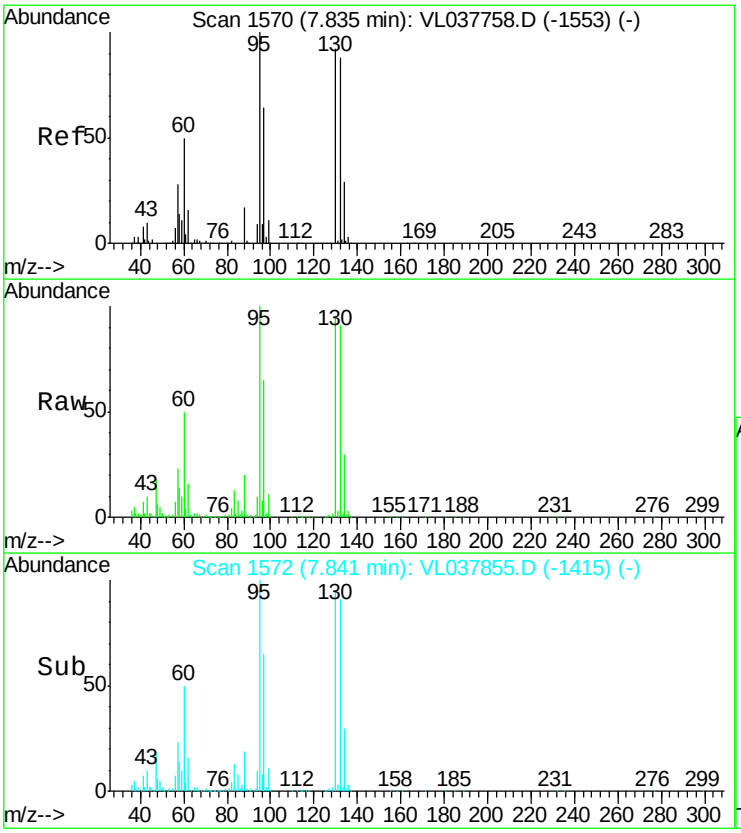
#37
1,2-Dichloroethane
Concen: 10.288 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 62 Resp: 1675597

Ion	Ratio	Lower	Upper
62	100		
98	7.8	6.1	9.1

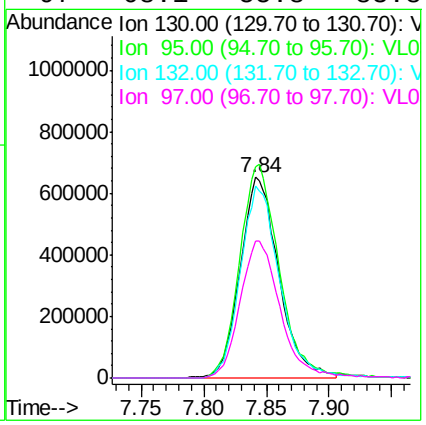


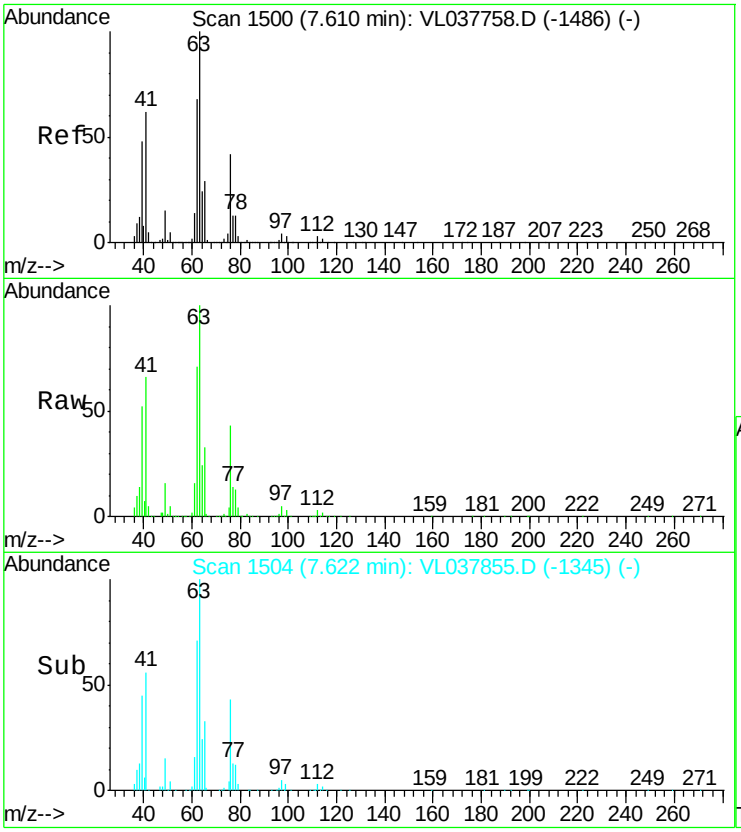


#38
Trichloroethene
Concen: 10.190 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:130 Resp: 1392508

Ion	Ratio	Lower	Upper
130	100		
95	105.2	87.4	131.0
132	95.4	76.8	115.2
97	68.1	55.8	83.8



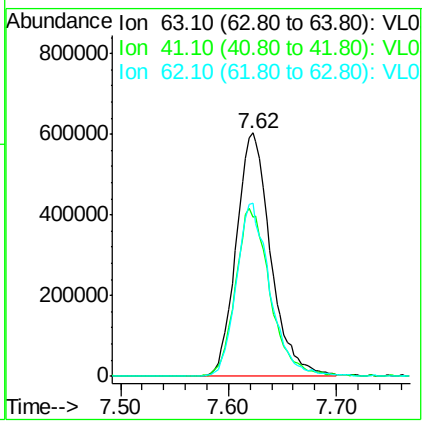


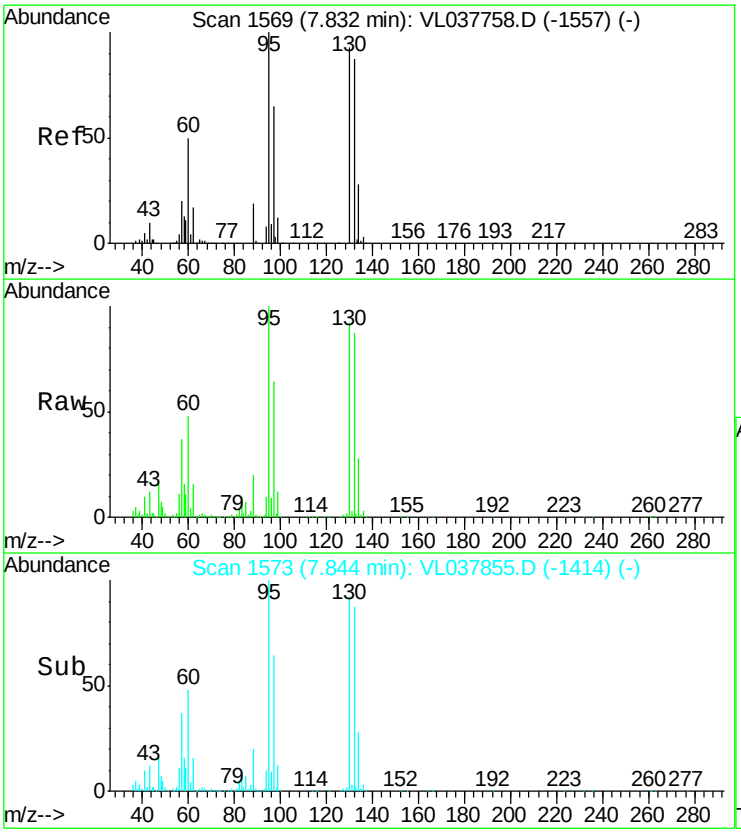
#39
1,2-Dichloropropane
Concen: 10.335 ppbv
RT: 7.62
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 63 Resp: 1344679

Ion	Ratio	Lower	Upper
63	100		
41	65.4	49.8	74.6
62	70.8	54.6	82.0

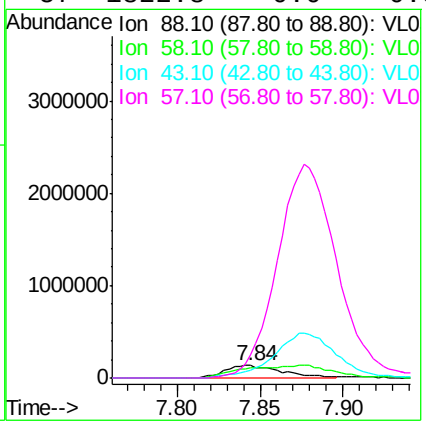


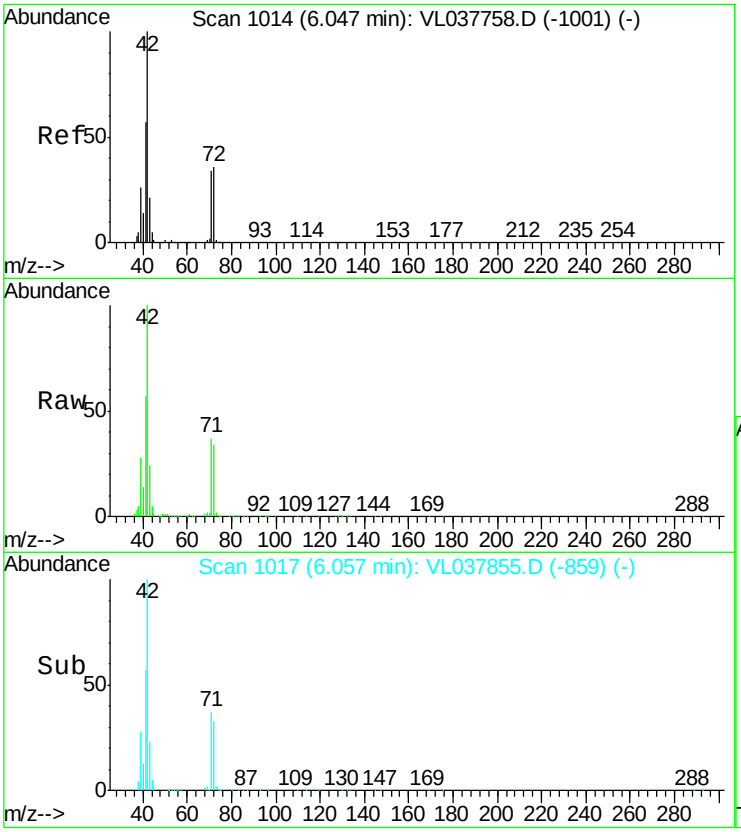


#40
1,4-Dioxane
Concen: 9.898 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 88 Resp: 322239

Ion	Ratio	Lower	Upper
88	100		
58	166.1	0.0	0.0#
43	408.8	0.0	0.0#
57	1822.8	0.0	0.0#



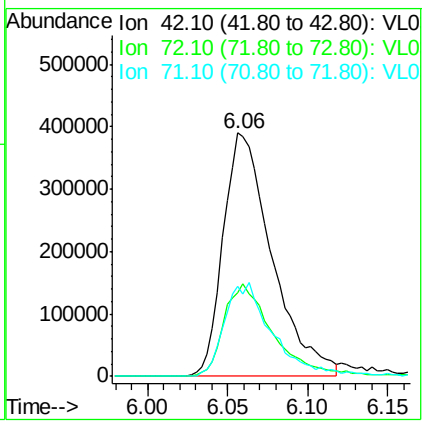


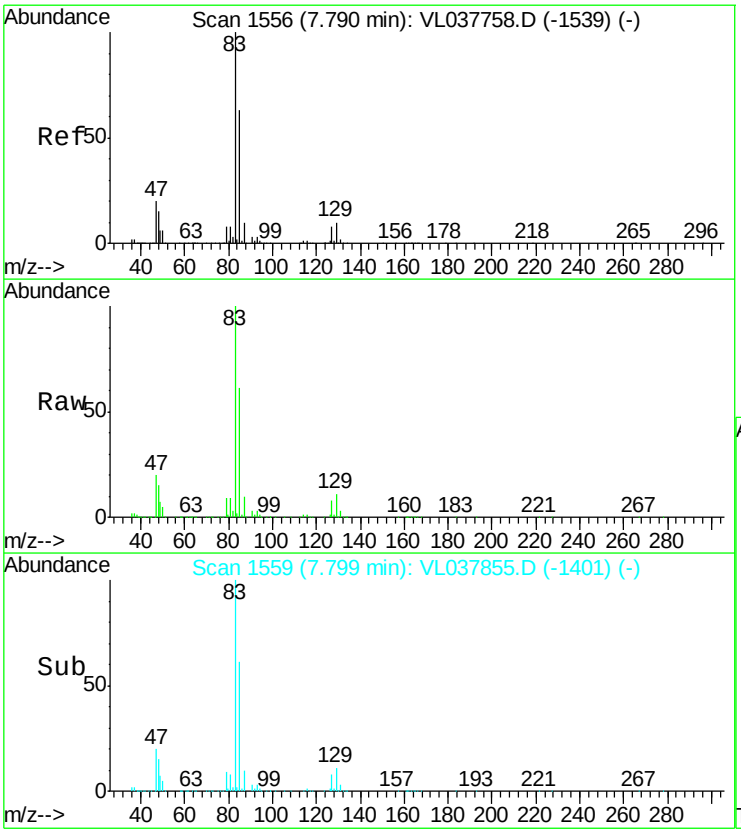
#41
Tetrahydrofuran
Concen: 10.090 ppbv
RT: 6.06
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 42 Resp: 807797

Ion	Ratio	Lower	Upper
42	100		
72	39.4	31.9	47.9
71	38.8	30.3	45.5

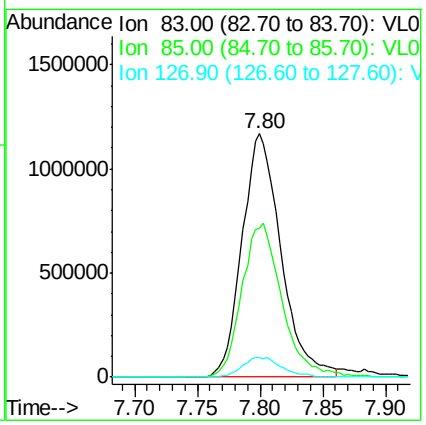


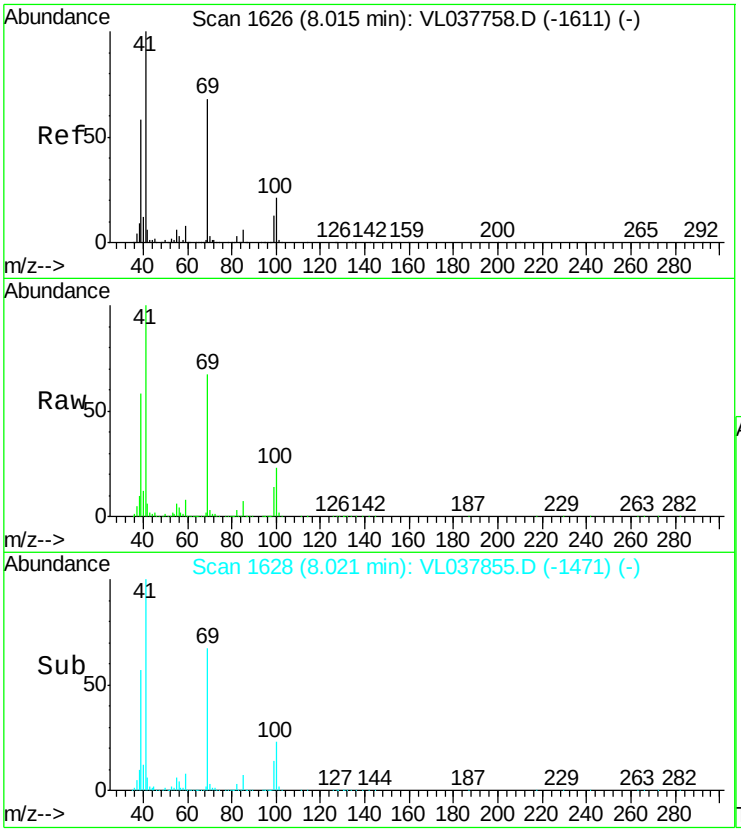


#42
Bromodichloromethane
Concen: 10.568 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 83 Resp: 2528281

Ion	Ratio	Lower	Upper
83	100		
85	61.3	50.6	75.8
127	8.1	6.2	9.4



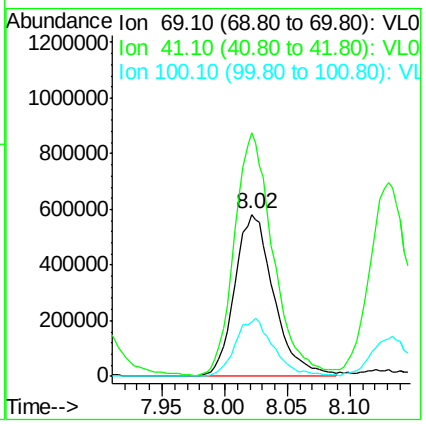


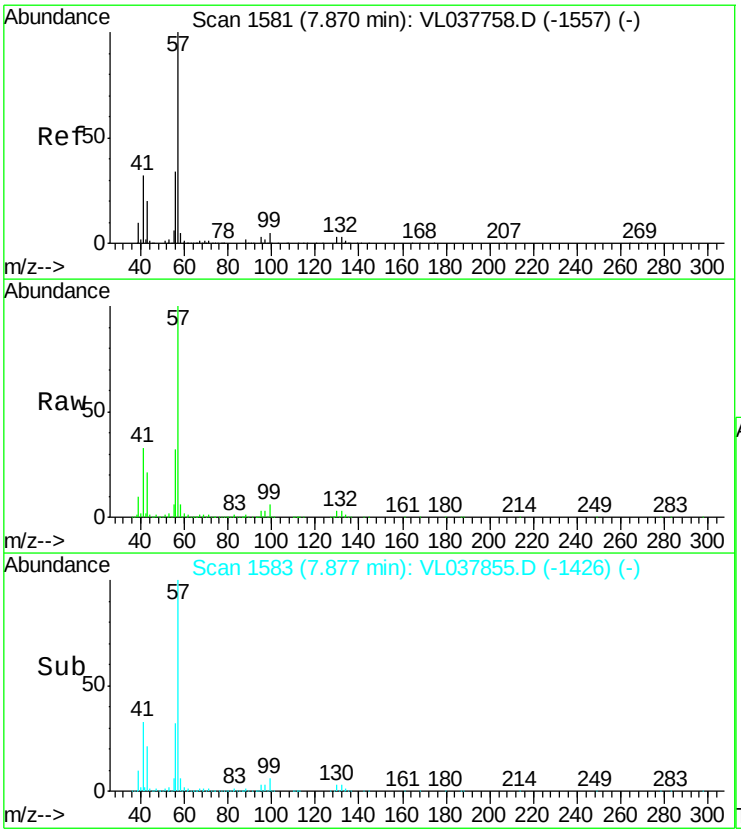
#43
Methyl Methacrylate
Concen: 11.163 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 69 Resp: 1261146

Ion	Ratio	Lower	Upper
69	100		
41	148.3	121.0	181.4
100	35.1	27.7	41.5

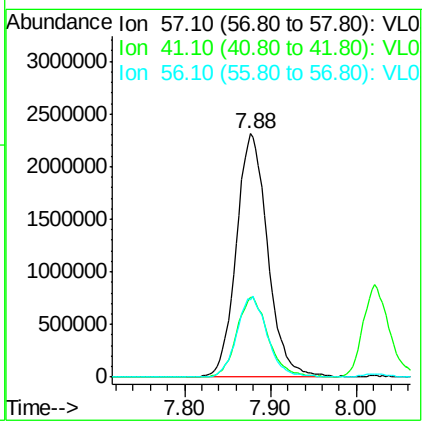


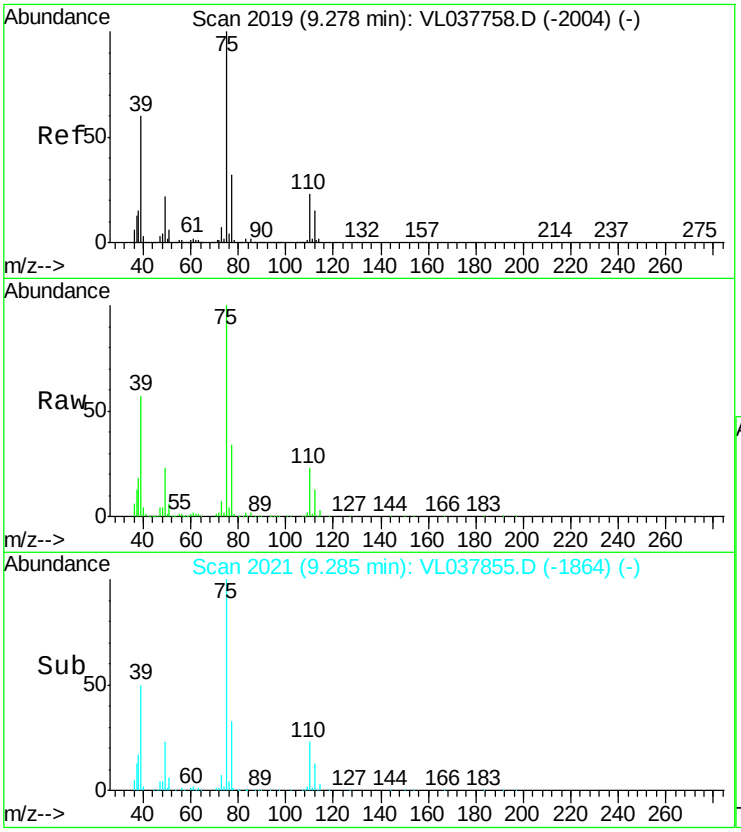


#44
2,2,4-Trimethylpentane
Concen: 10.088 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 57 Resp: 5862467

Ion	Ratio	Lower	Upper
57	100		
41	32.7	25.6	38.4
56	32.1	25.5	38.3



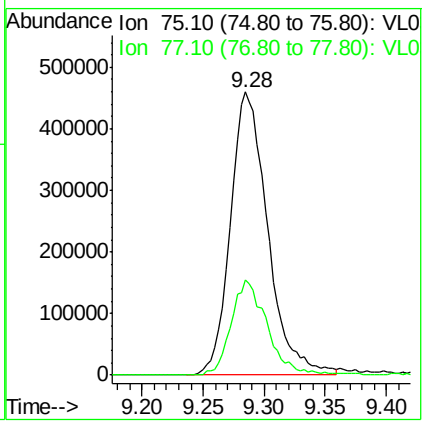


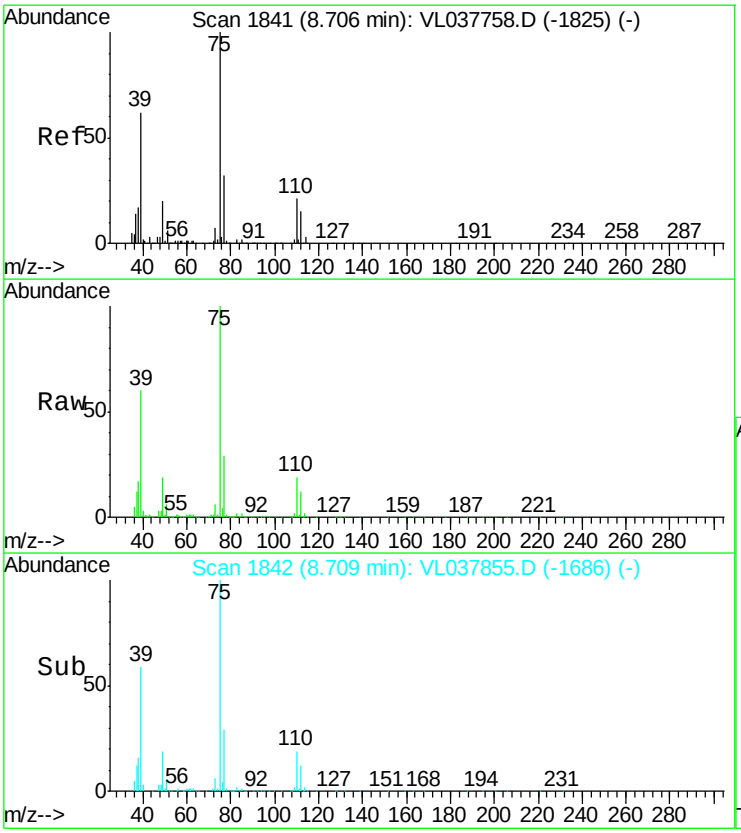
#45
t-1,3-Dichloropropene
Concen: 12.491 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 75 Resp: 971014

Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.2	37.8

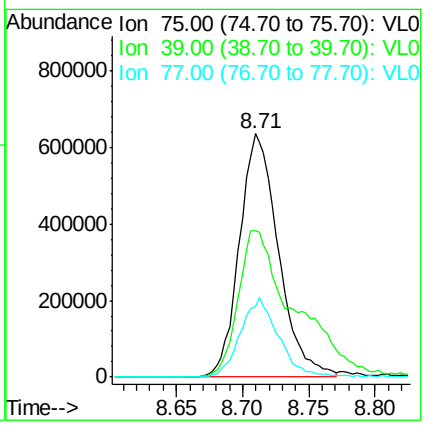


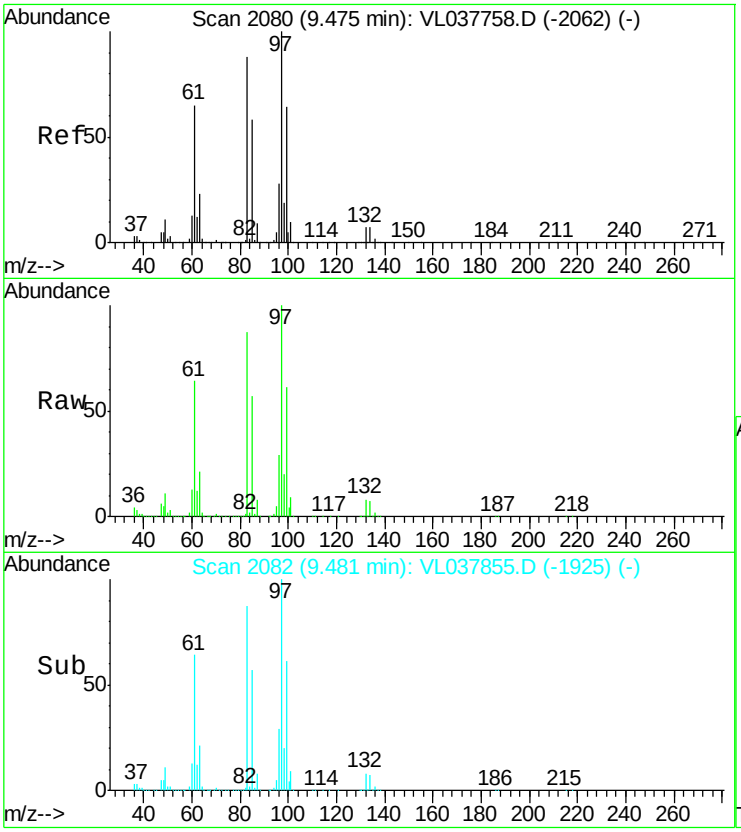


#46
cis-1,3-Dichloropropene
Concen: 12.116 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 75 Resp: 1305477

Ion	Ratio	Lower	Upper
75	100		
39	60.1	49.9	74.9
77	29.2	25.9	38.9



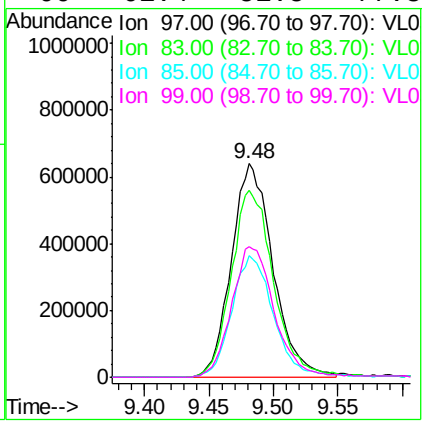


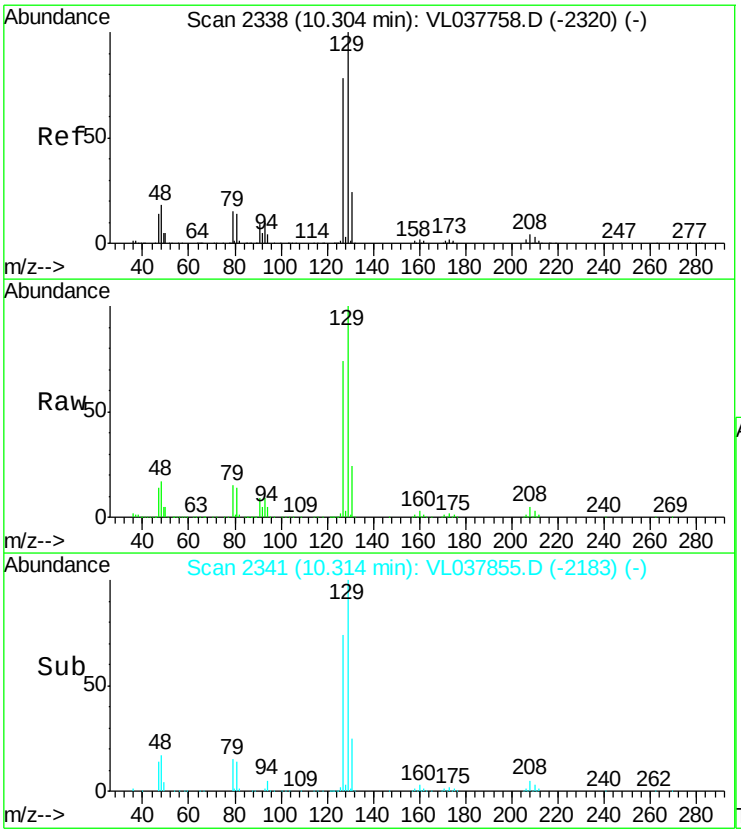
#47
1,1,2-Trichloroethane
Concen: 10.110 ppbv
RT: 9.48
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 97 Resp: 1429984

Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.6	105.8
85	57.1	45.9	68.9
99	61.4	51.5	77.3

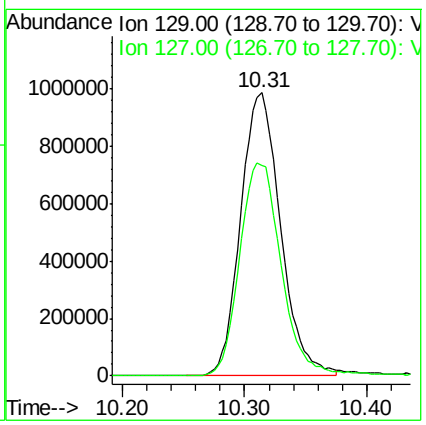


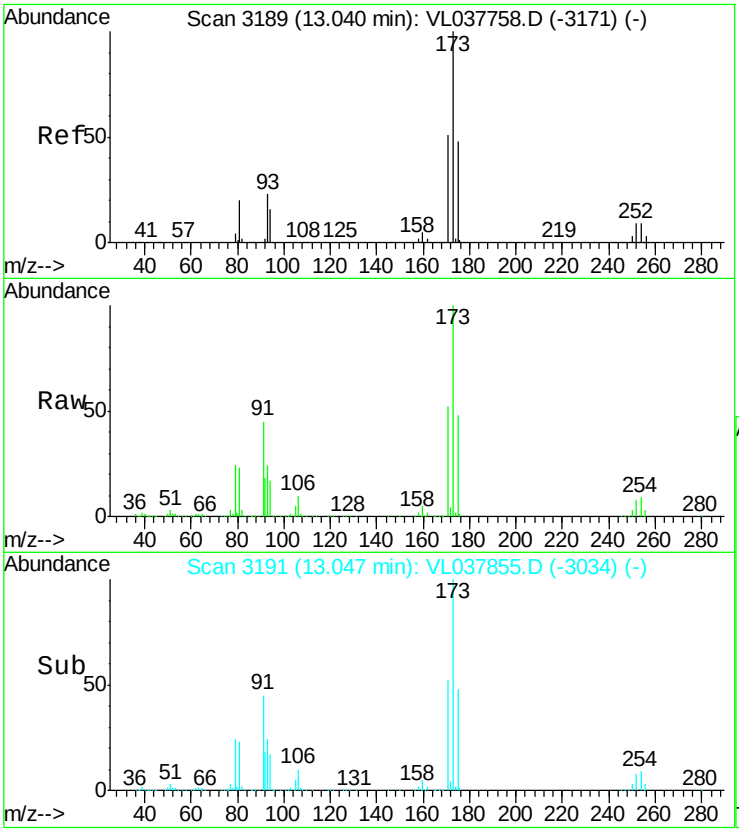


#48
Dibromochloromethane
Concen: 11.042 ppbv
RT: 10.31 min Scan# 2341
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:129 Resp: 2226425

Ion	Ratio	Lower	Upper
129	100		
127	79.6	39.5	118.5



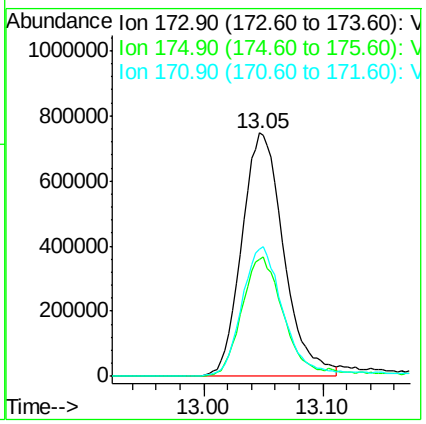


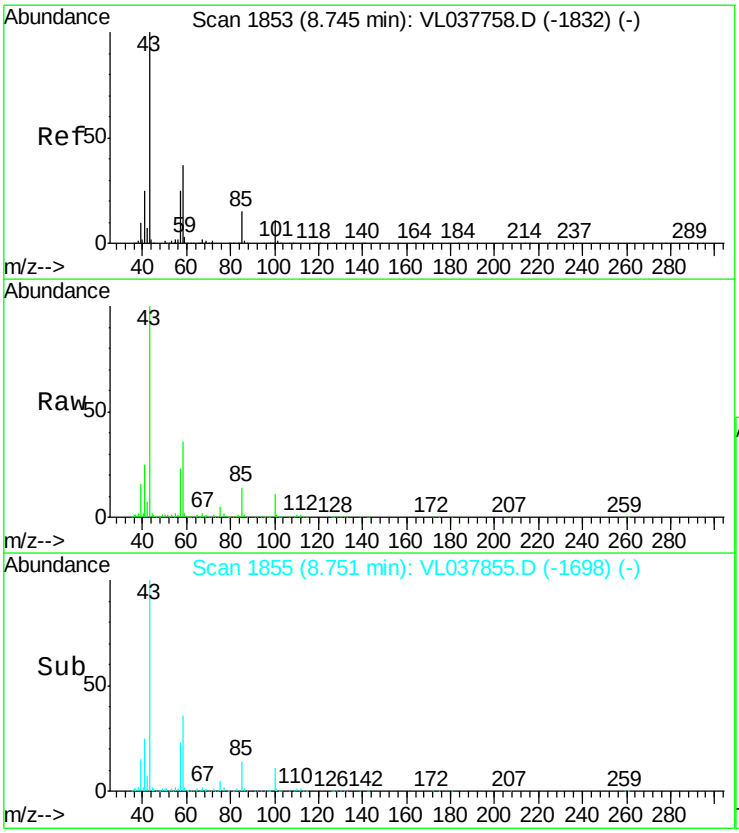
#49
Bromoform
Concen: 11.838 ppbv
RT: 13.05
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:173 Resp: 1826297

Ion	Ratio	Lower	Upper
173	100		
175	50.7	39.9	59.9
171	55.8	43.4	65.2

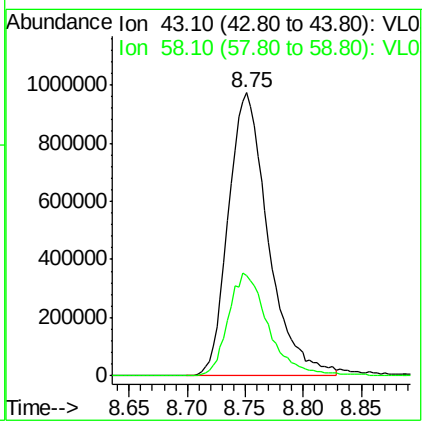


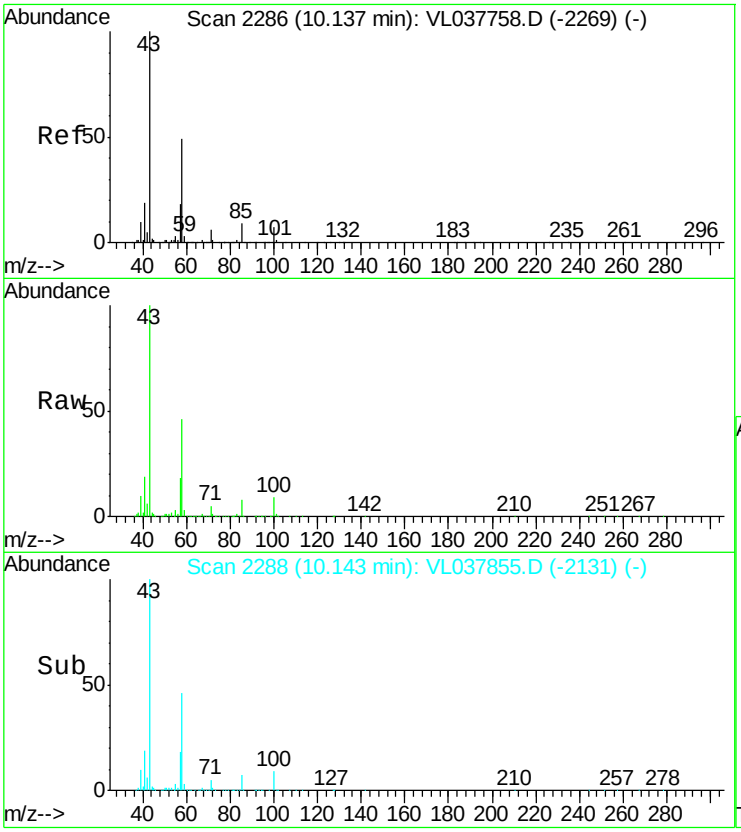


#50
4-Methyl-2-Pentanone
Concen: 10.903 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 43 Resp: 2320450

Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.4	44.0



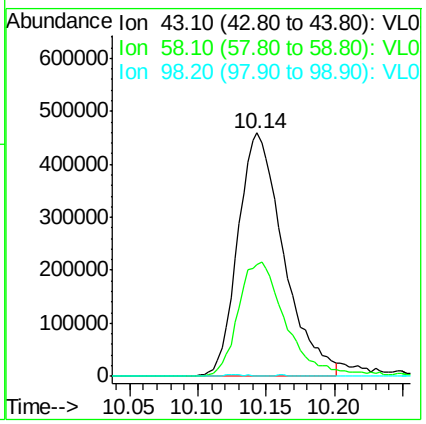


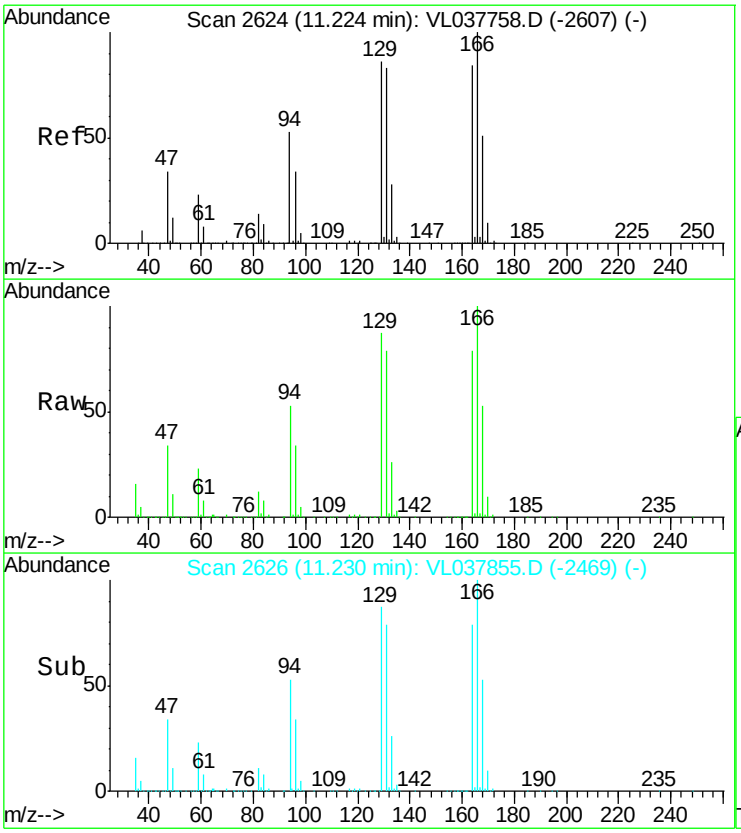
#51
2-Hexanone
Concen: 11.210 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 43 Resp: 1065061

Ion	Ratio	Lower	Upper
43	100		
58	50.3	39.4	59.0
98	0.6	0.3	0.5#

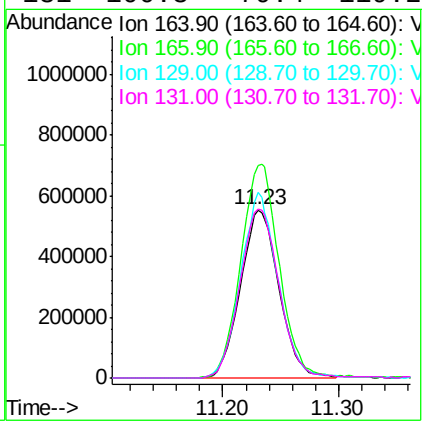


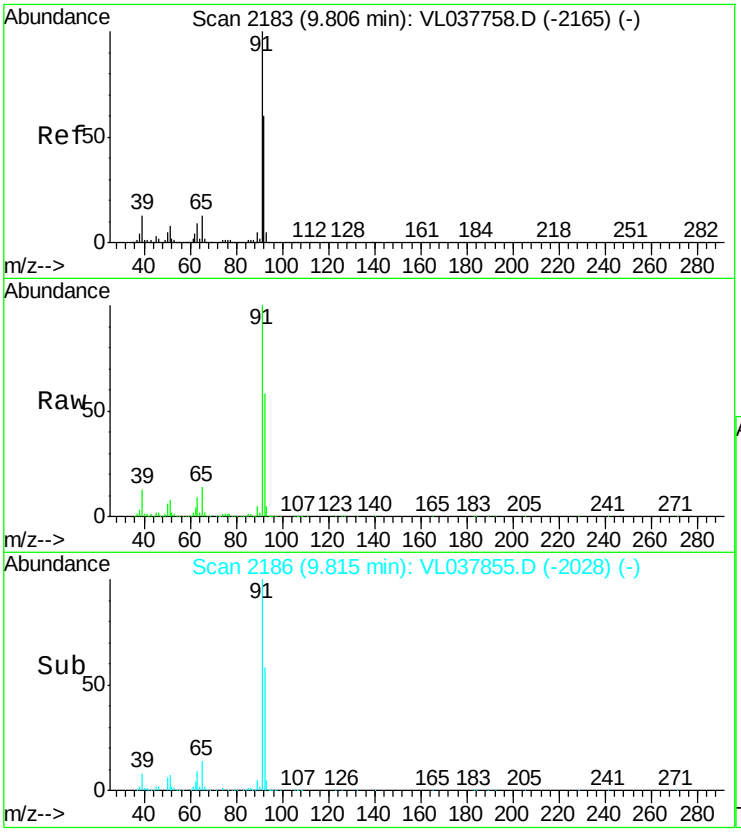


#52
Tetrachloroethene
Concen: 9.452 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:164 Resp: 1272007

Ion	Ratio	Lower	Upper
164	100		
166	126.2	95.4	143.2
129	110.4	82.2	123.4
131	100.3	79.4	119.2



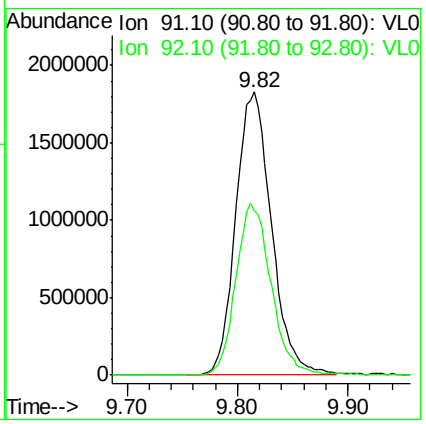


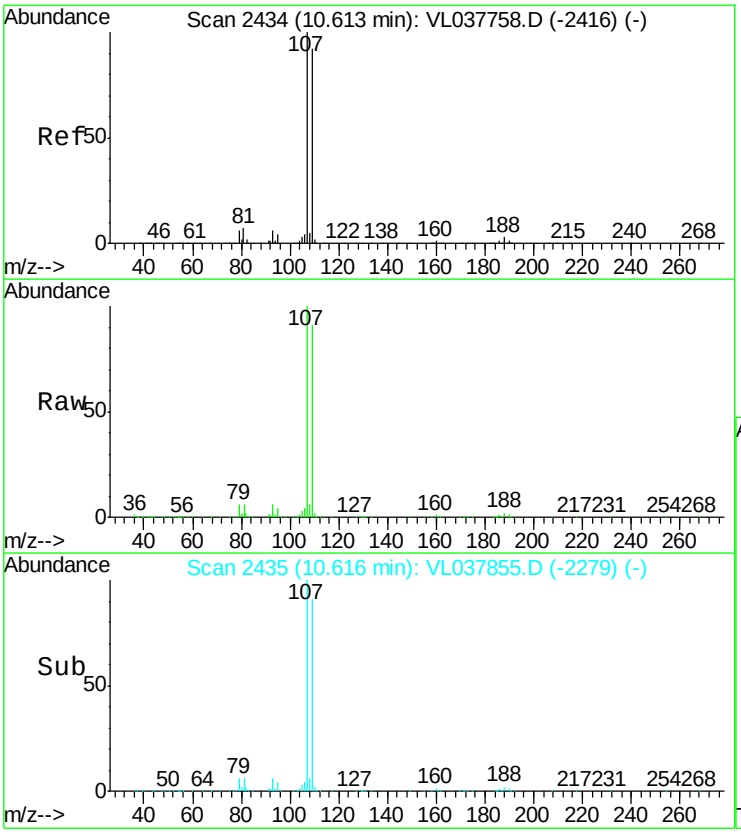
#53
Toluene
Concen: 10.698 ppbv
RT: 9.82
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 91 Resp: 4100962

Ion	Ratio	Lower	Upper
91	100		
92	60.3	48.4	72.6

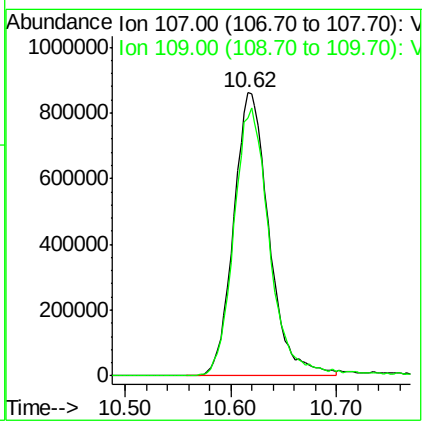


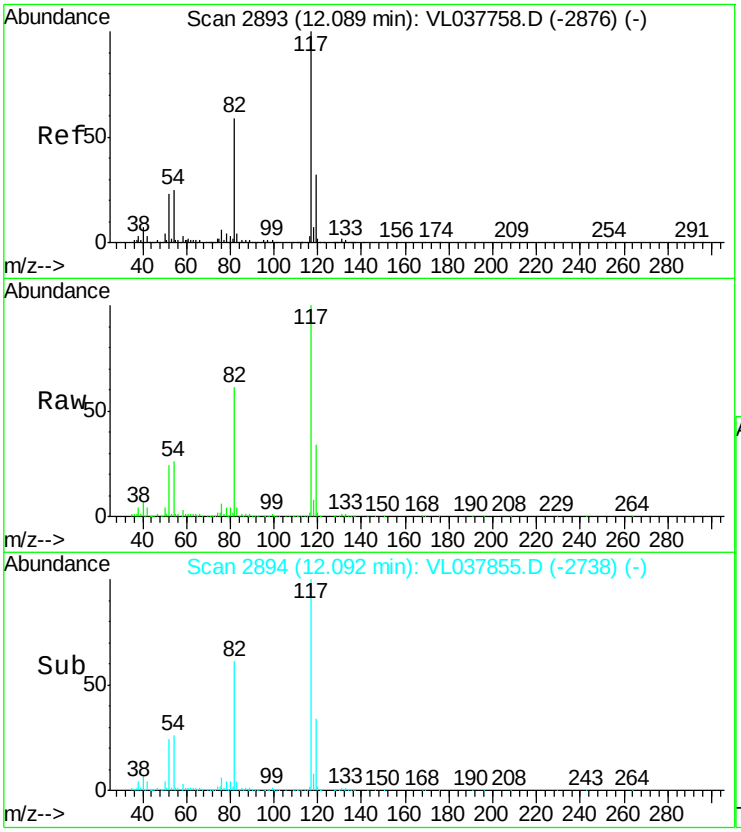


#54
1,2-Dibromoethane
Concen: 10.485 ppbv
RT: 10.62 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:107 Resp: 2003226

Ion	Ratio	Lower	Upper
107	100		
109	90.9	73.8	110.6



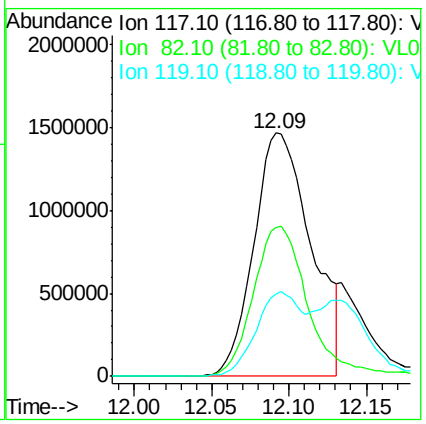


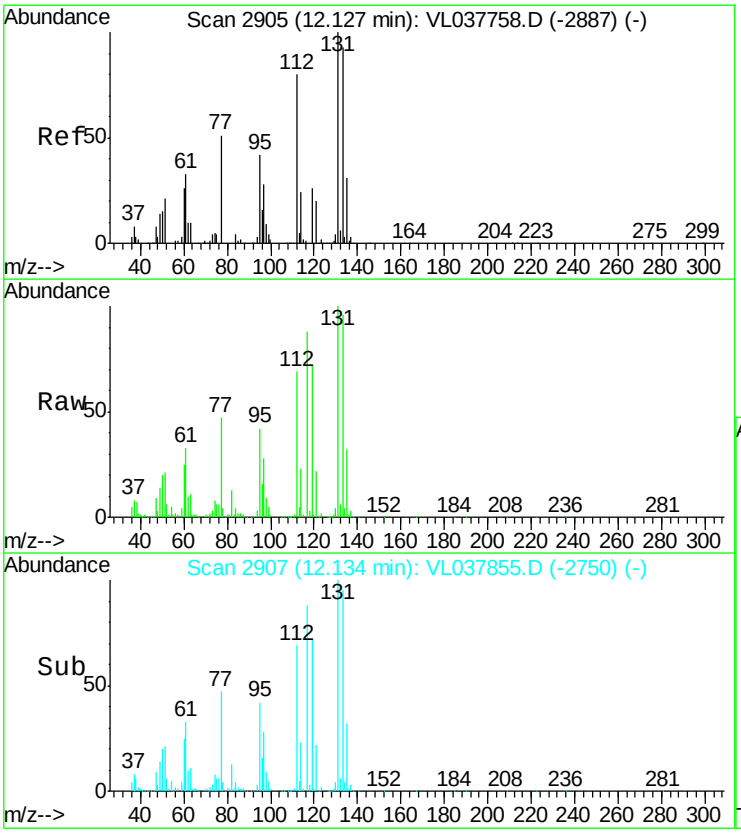
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:117 Resp: 3792937

Ion	Ratio	Lower	Upper
117	100		
82	61.2	52.2	78.2
119	29.3	26.0	39.0

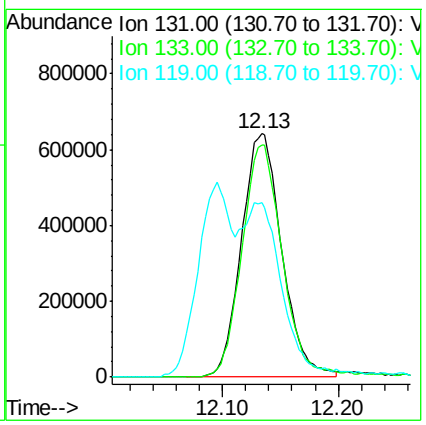


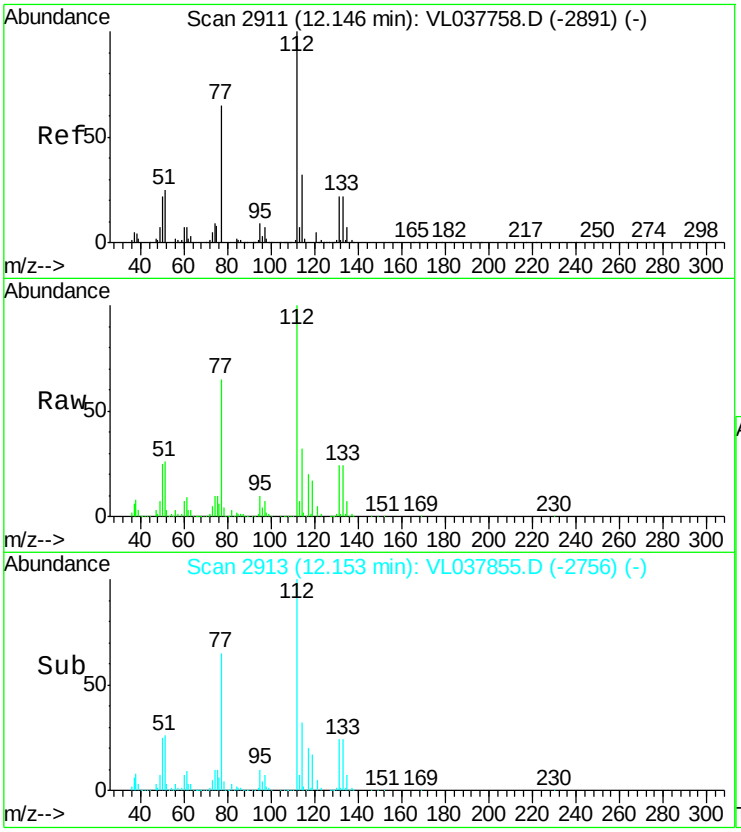


#56
1,1,1,2-Tetrachloroethane
Concen: 9.909 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:131 Resp: 1555866

Ion	Ratio	Lower	Upper
131	100		
133	97.8	78.5	117.7
119	73.2	51.7	77.5



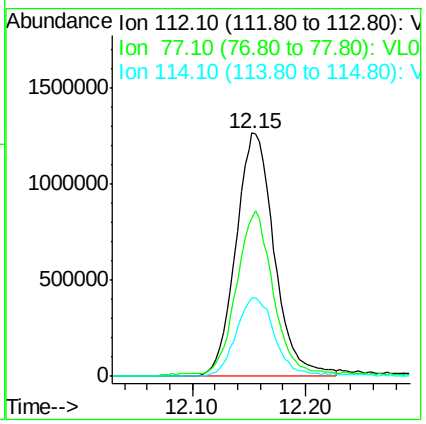


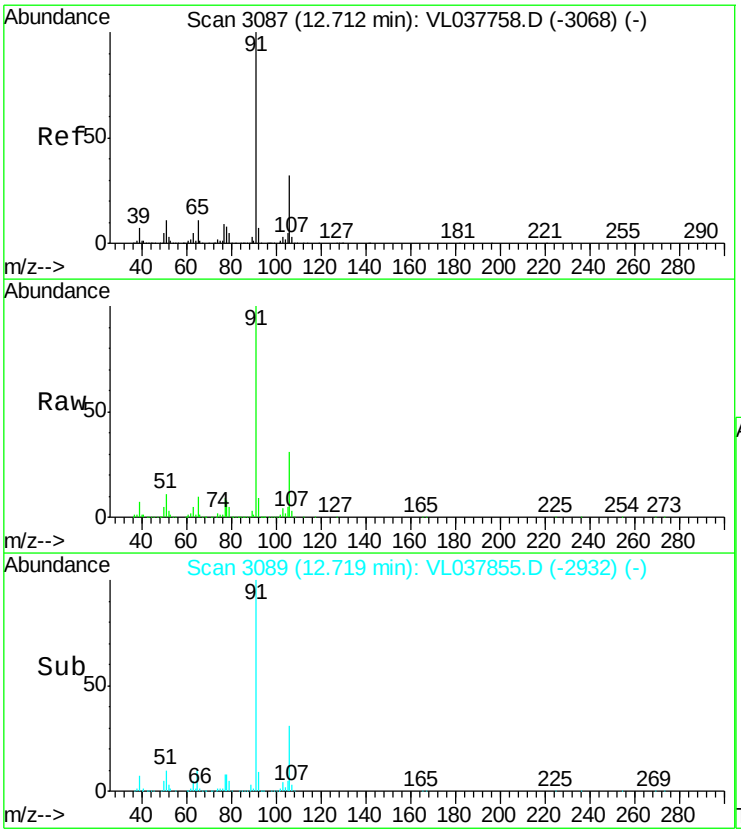
#57
Chlorobenzene
Concen: 9.582 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:112 Resp: 2981493

Ion	Ratio	Lower	Upper
112	100		
77	63.9	51.8	77.8
114	32.0	28.8	35.2

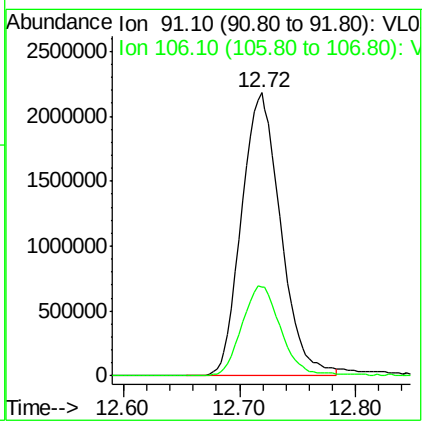


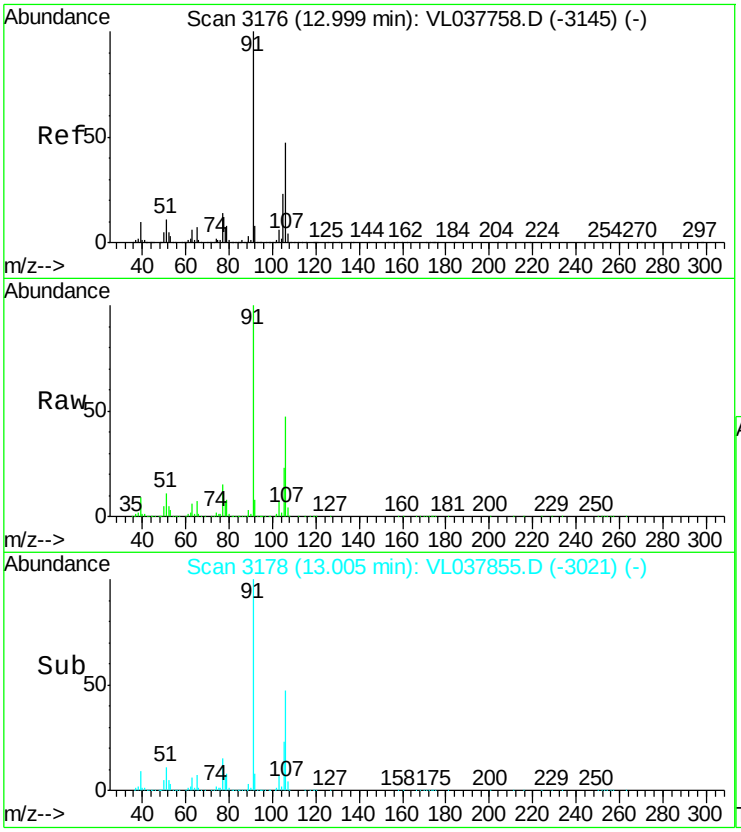


#58
Ethyl Benzene
Concen: 10.074 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 91 Resp: 5130711

Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.3	37.9



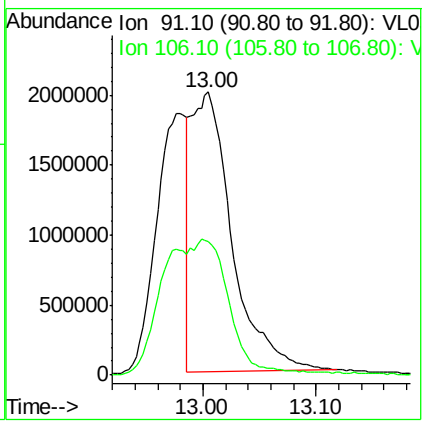


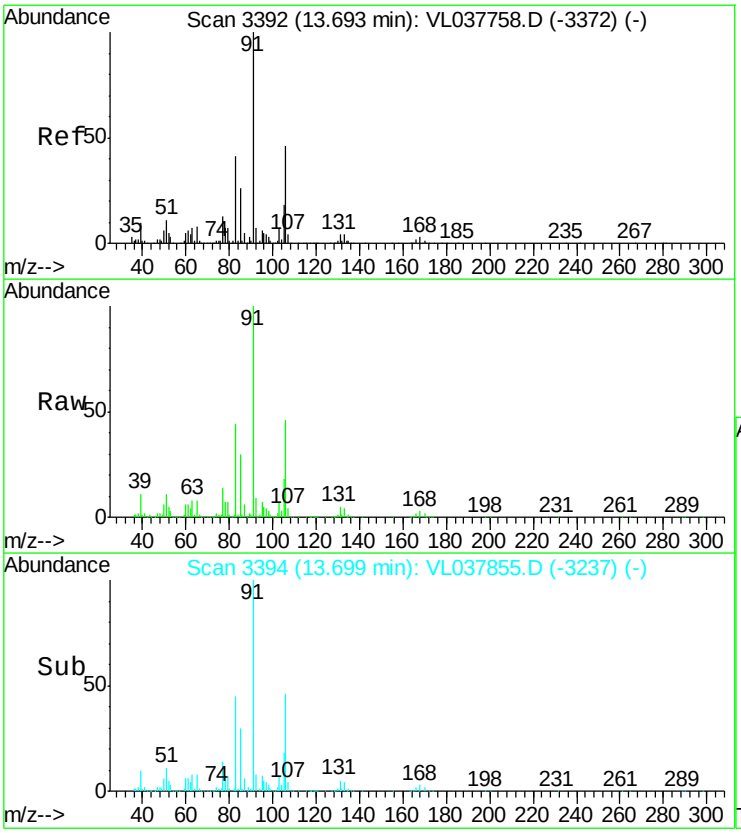
#59
m/p-Xylene
Concen: 11.372 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 91 Resp: 4971836

Ion	Ratio	Lower	Upper
91	100		
106	81.2	36.7	55.1#

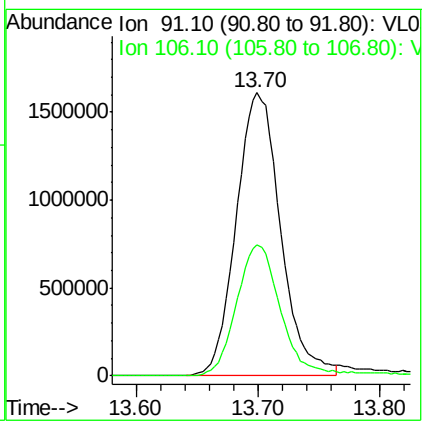


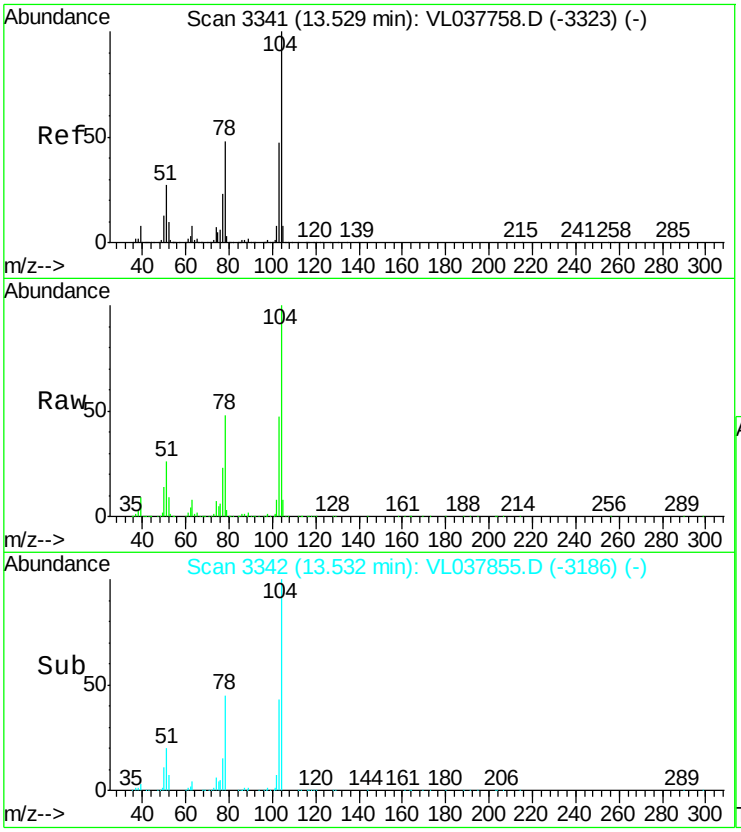


#60
o-Xylene
Concen: 9.627 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 91 Resp: 4033361

Ion	Ratio	Lower	Upper
91	100		
106	47.6	23.5	70.5



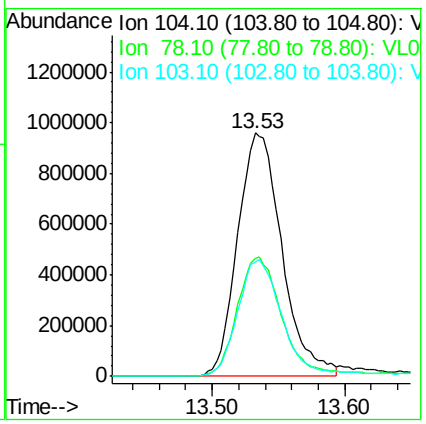


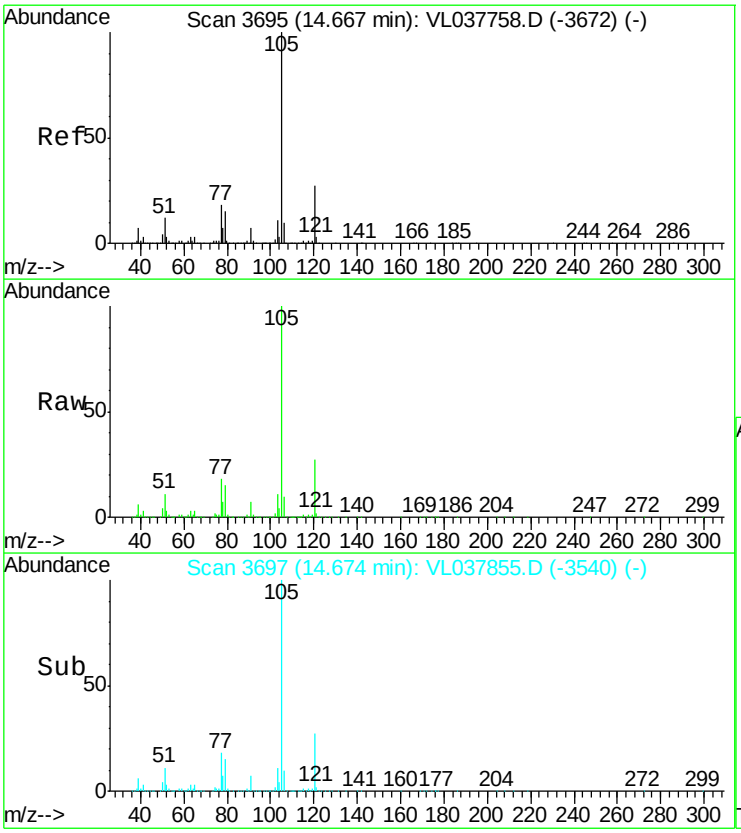
#61
Styrene
Concen: 11.026 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:104 Resp: 2234472

Ion	Ratio	Lower	Upper
104	100		
78	50.5	40.6	61.0
103	49.2	39.6	59.4

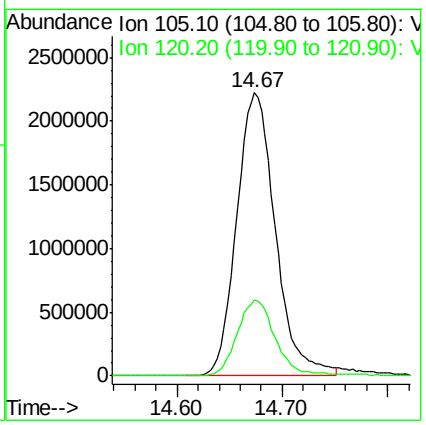


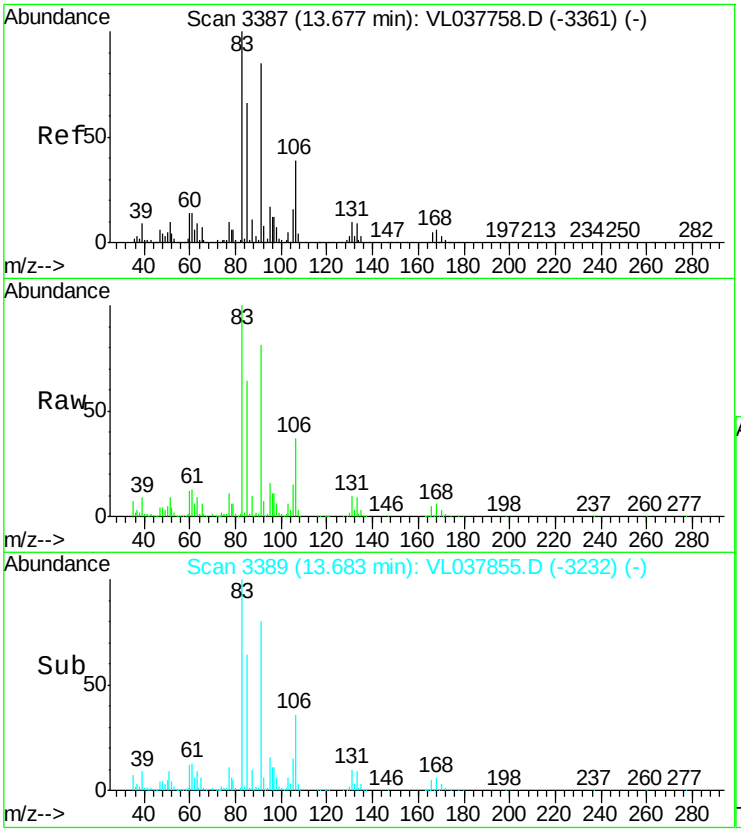


#62
Isopropylbenzene
Concen: 9.711 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:105 Resp: 5675030

Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.3	31.9



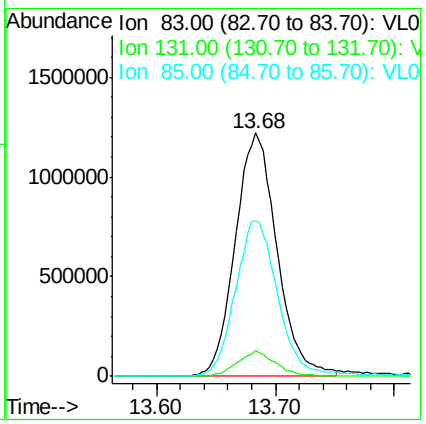


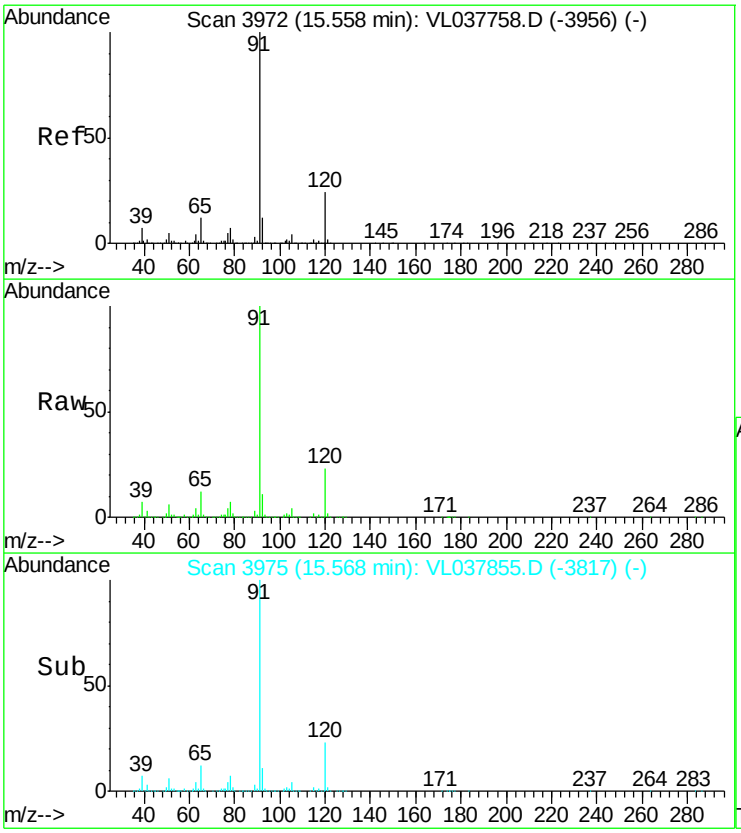
#63
1,1,2,2-Tetrachloroethane
Concen: 9.114 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 83 Resp: 2946688

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	15.0
85	66.9	33.1	99.5

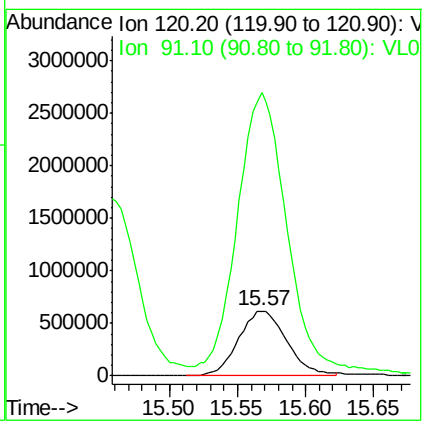


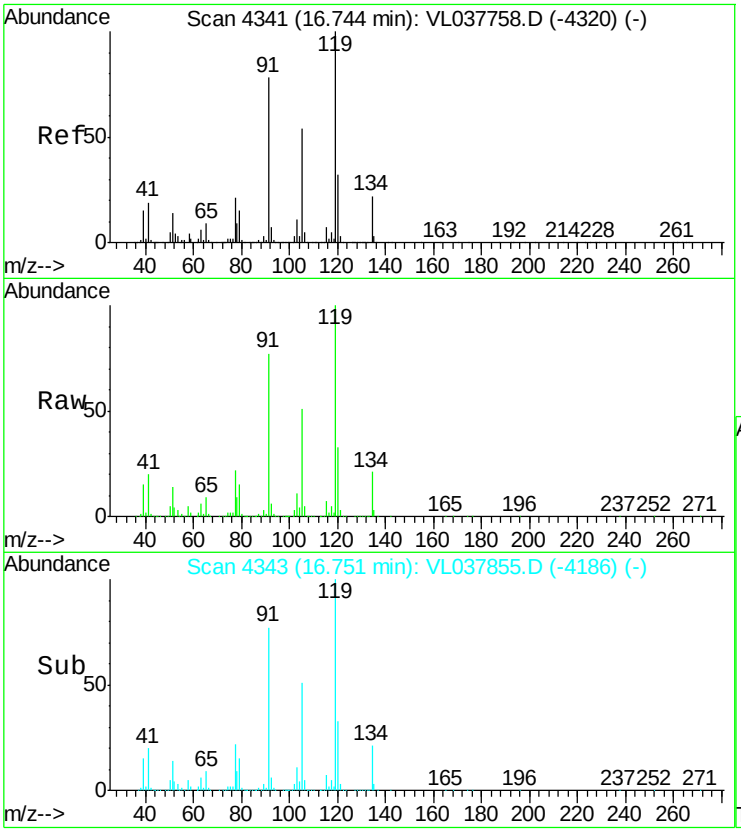


#64
n-propylbenzene
Concen: 10.316 ppbv
RT: 15.57 min Scan# 3975
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:120 Resp: 1503410

Ion	Ratio	Lower	Upper
120	100		
91	465.1	375.0	562.6



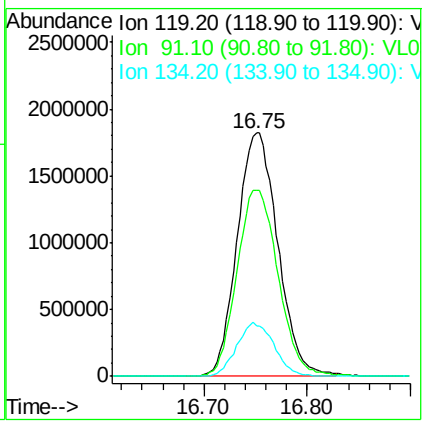


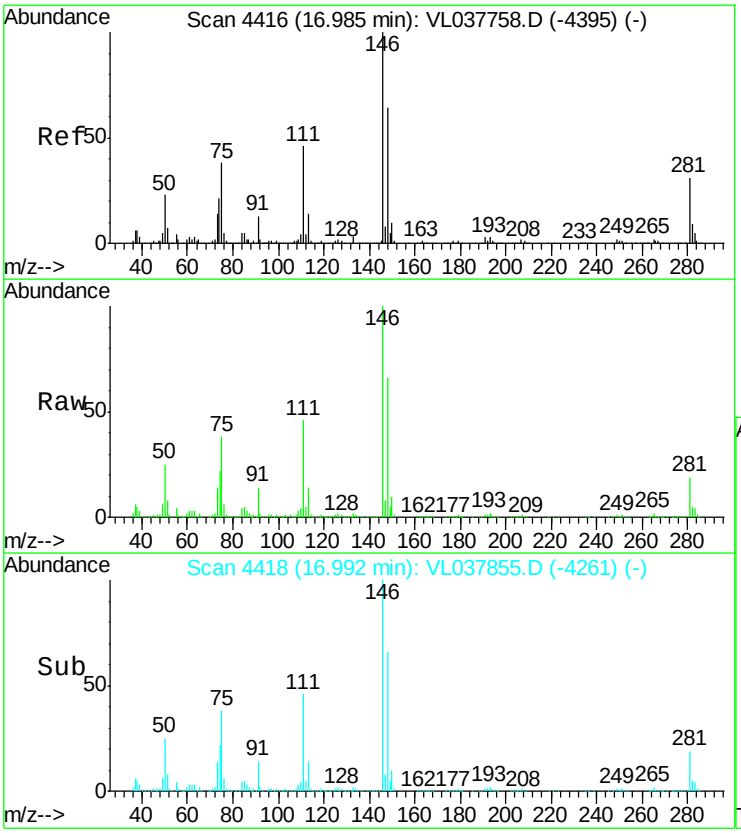
#65
tert-Butylbenzene
Concen: 9.693 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:119 Resp: 4984717

Ion	Ratio	Lower	Upper
119	100		
91	77.9	62.6	94.0
134	20.4	16.3	24.5

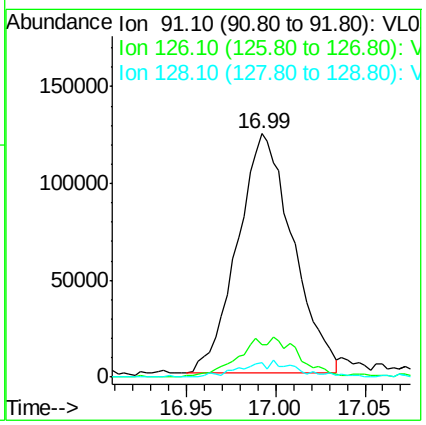


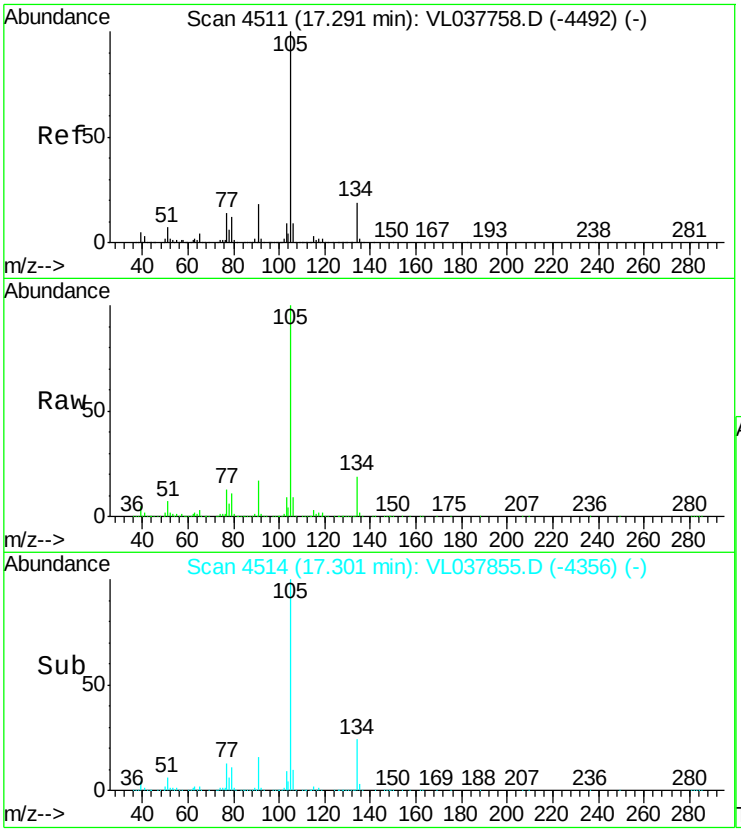


#66
Benzyl Chloride
Concen: 10.598 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 91 Resp: 268982

Ion	Ratio	Lower	Upper
91	100		
126	18.9	0.0	0.0#
128	6.7	5.3	7.9



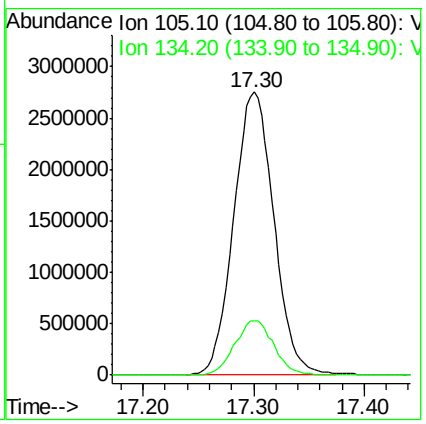


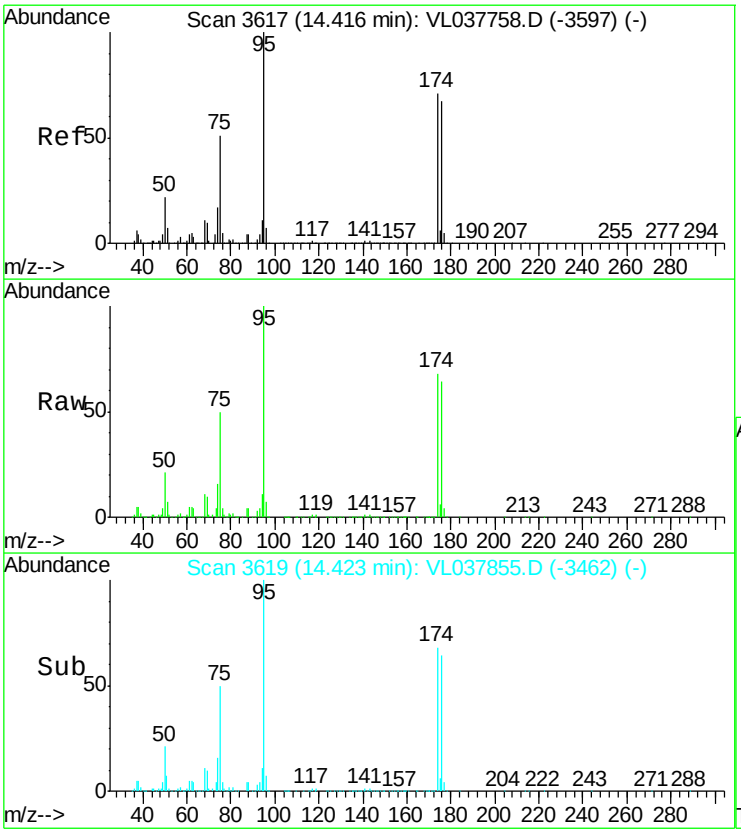
#67
sec-Butylbenzene
Concen: 9.863 ppbv
RT: 17.30
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:105 Resp: 6937437

Ion	Ratio	Lower	Upper
105	100		
134	19.0	15.4	23.0

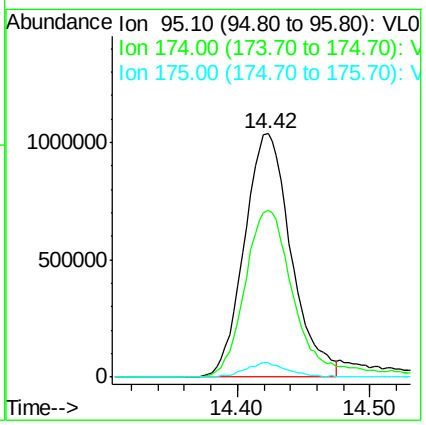


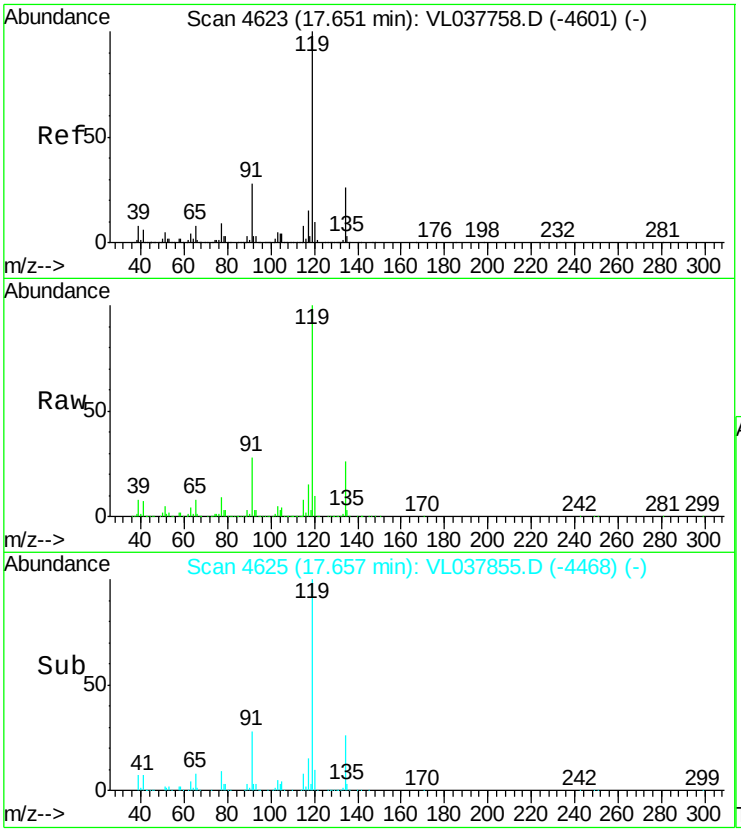


#68
1-Bromo-4-Fluorobenzene
Concen: 9.612 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 95 Resp: 2549462

Ion	Ratio	Lower	Upper
95	100		
174	74.8	57.8	86.6
175	5.6	4.7	7.1



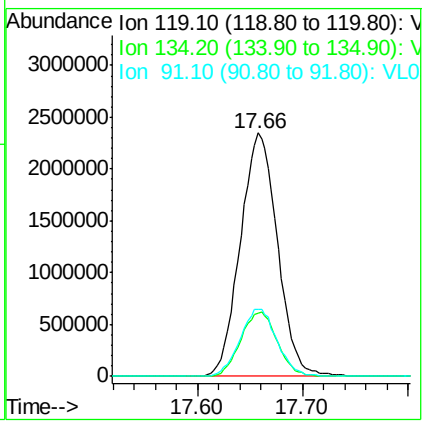


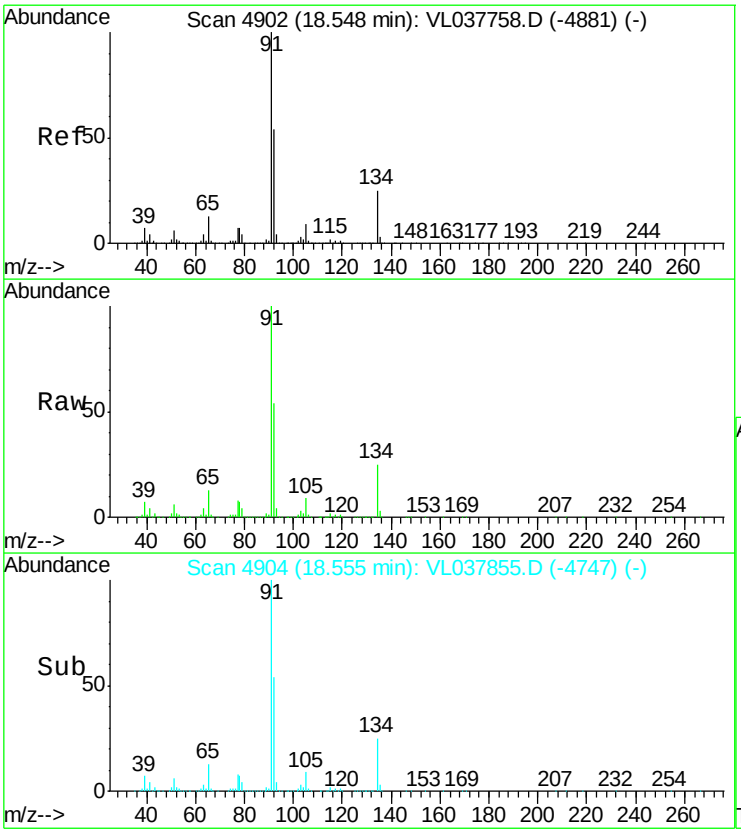
#69
p-Isopropyltoluene
Concen: 10.091 ppbv
RT: 17.66
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:119 Resp: 5737910

Ion	Ratio	Lower	Upper
119	100		
134	26.3	21.2	31.8
91	27.5	22.2	33.4

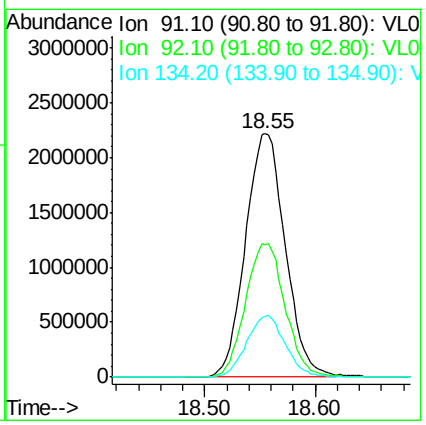


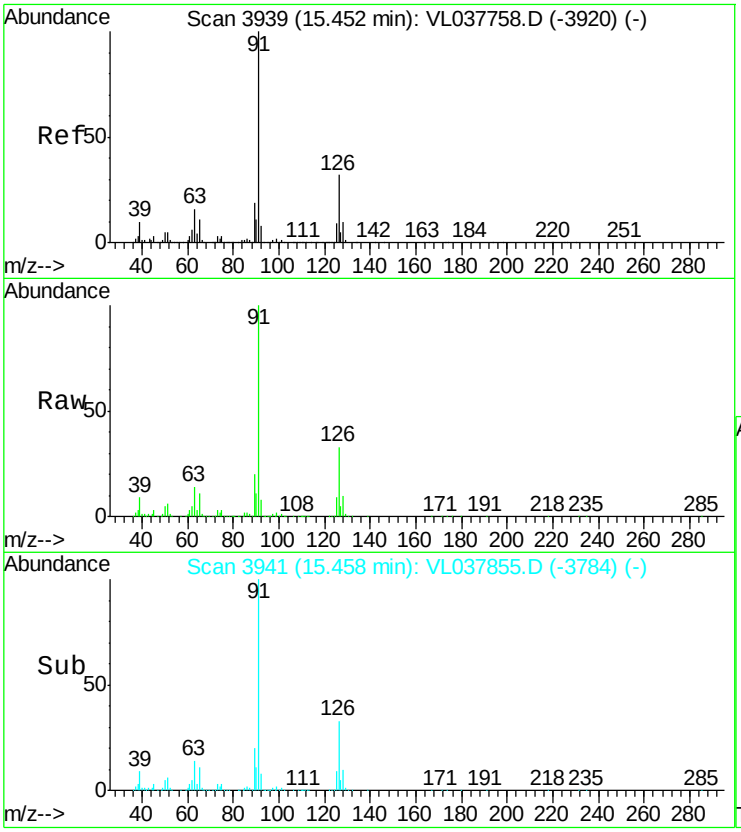


#70
n-Butylbenzene
Concen: 10.244 ppbv
RT: 18.55 min Scan# 4904
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion: 91 Resp: 5533806

Ion	Ratio	Lower	Upper
91	100		
92	55.1	43.4	65.0
134	24.8	19.8	29.6



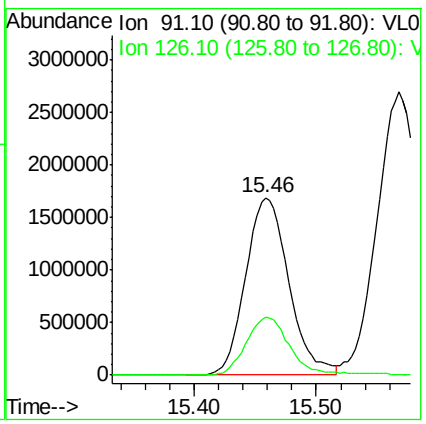


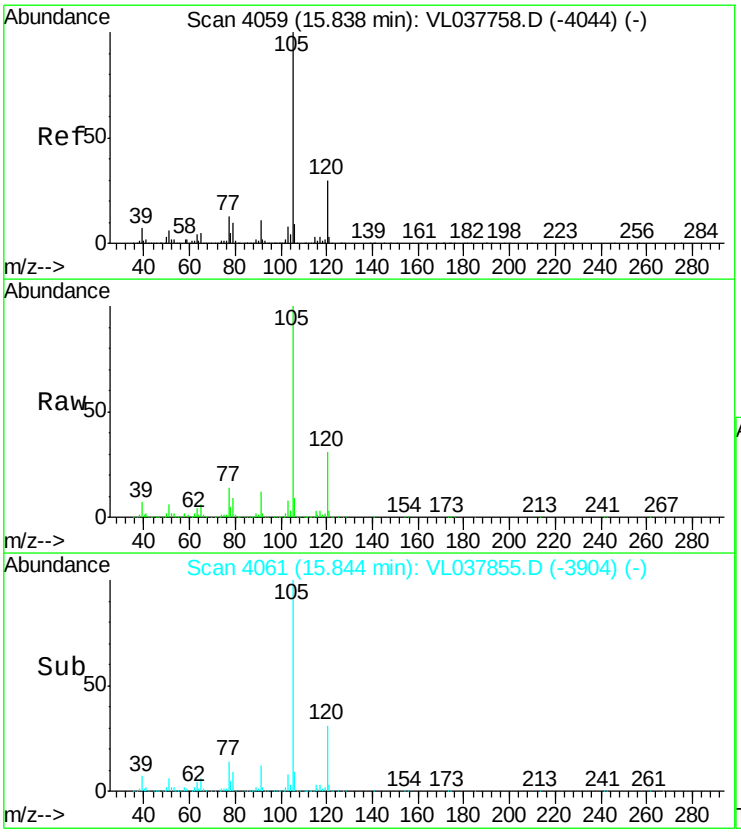
#71
2-Chlorotoluene
Concen: 10.014 ppbv
RT: 15.46
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion: 91 Resp: 4132685

Ion	Ratio	Lower	Upper
91	100		
126	34.0	13.6	54.6

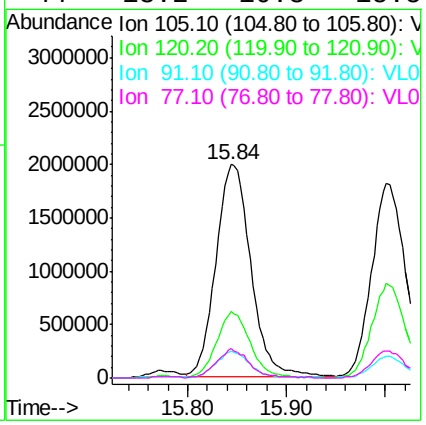


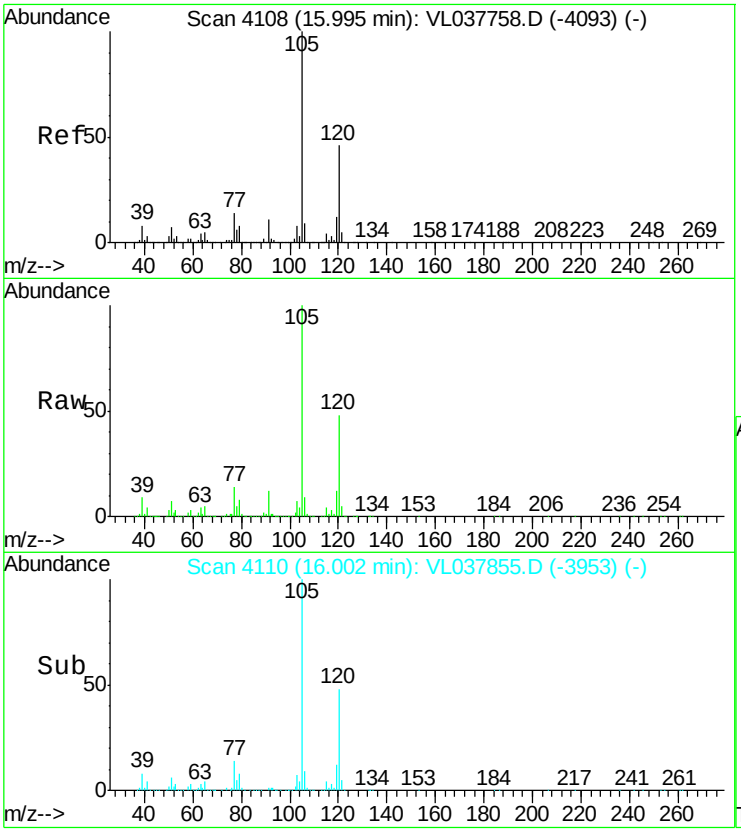


#72
4-Ethyltoluene
Concen: 10.249 ppbv
RT: 15.84 min Scan# 4061
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:105 Resp: 4875971

Ion	Ratio	Lower	Upper
105	100		
120	30.9	24.2	36.2
91	12.1	10.4	15.6
77	13.2	10.3	15.5



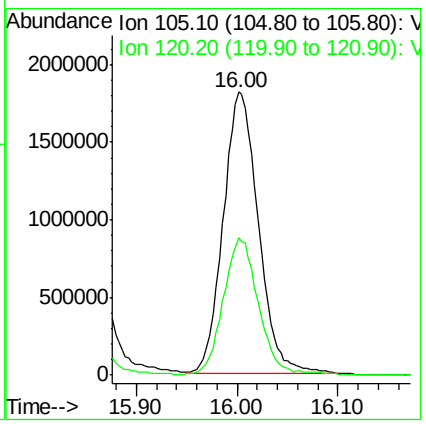


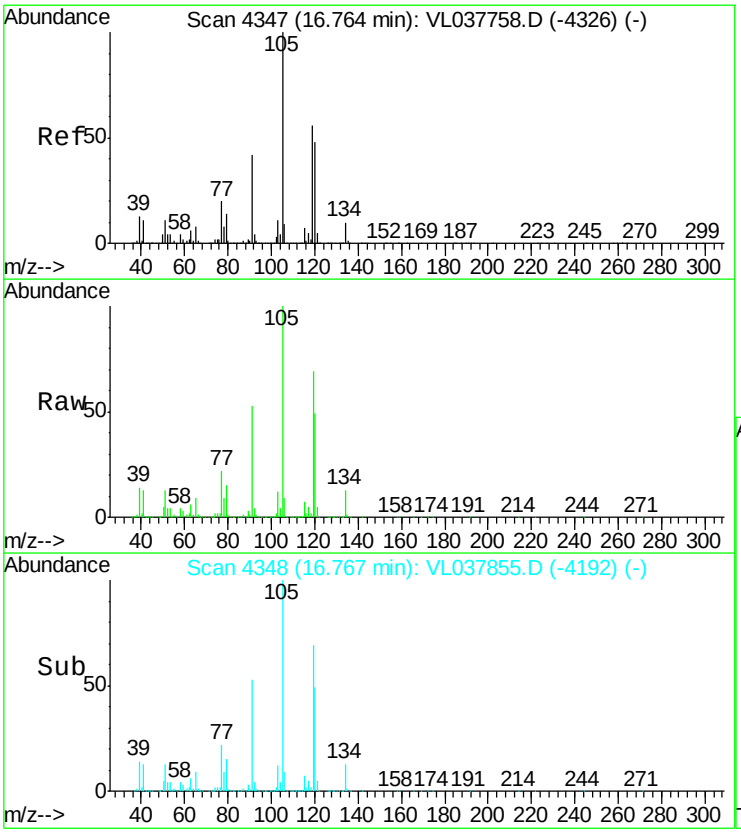
#73
1,3,5-Trimethylbenzene
Concen: 10.146 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:105 Resp: 4384592

Ion	Ratio	Lower	Upper
105	100		
120	48.4	36.6	54.8

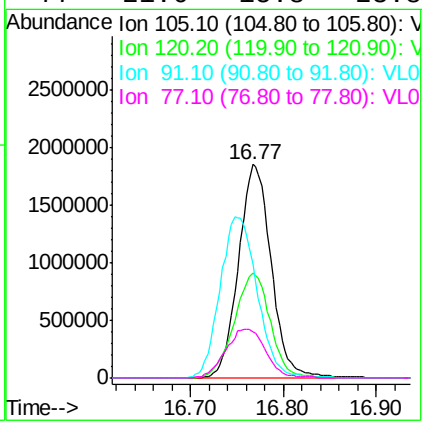


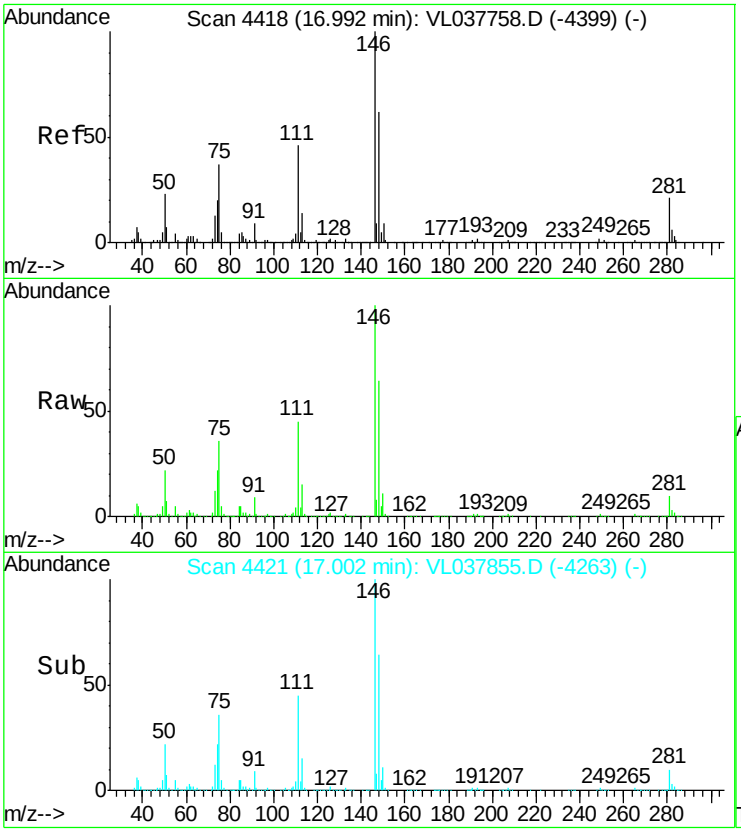


#74
1,2,4-Trimethylbenzene
Concen: 10.016 ppbv
RT: 16.77 min Scan# 4348
Delta R.T. 0.00 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:105 Resp: 4545055

Ion	Ratio	Lower	Upper
105	100		
120	49.2	38.4	57.6
91	52.9	34.2	51.2#
77	21.6	15.8	23.8



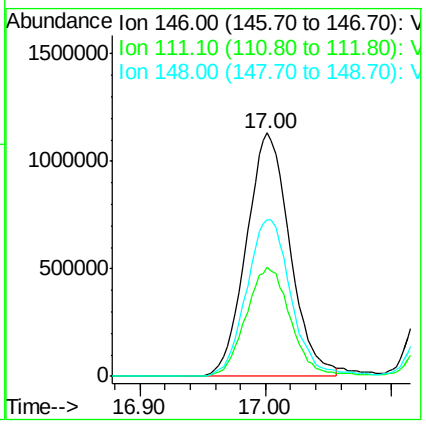


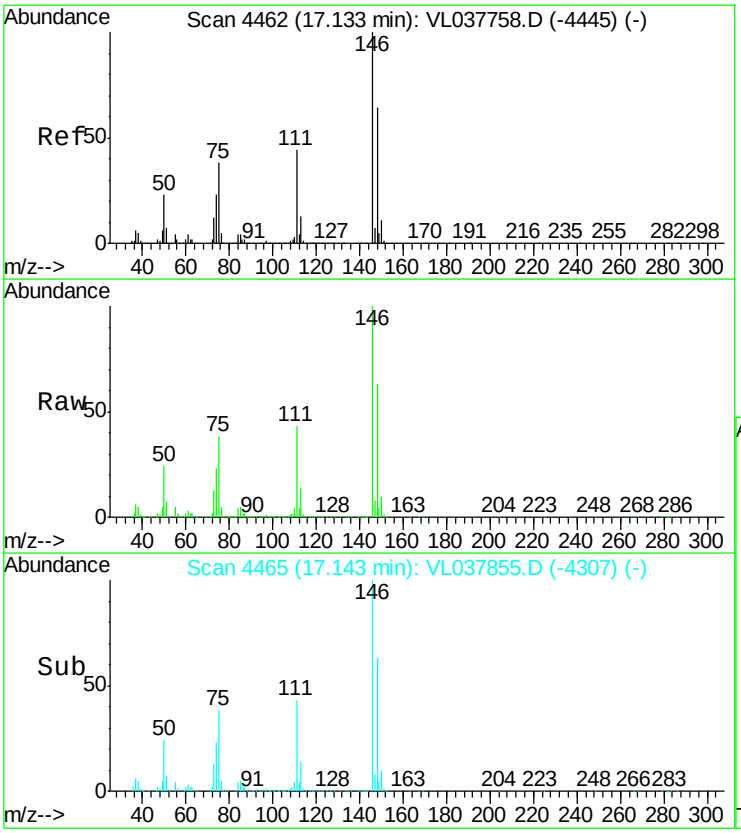
#75
1,3-Dichlorobenzene
Concen: 9.727 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:146 Resp: 2734733

Ion	Ratio	Lower	Upper
146	100		
111	45.9	22.8	68.4
148	65.9	32.8	98.3

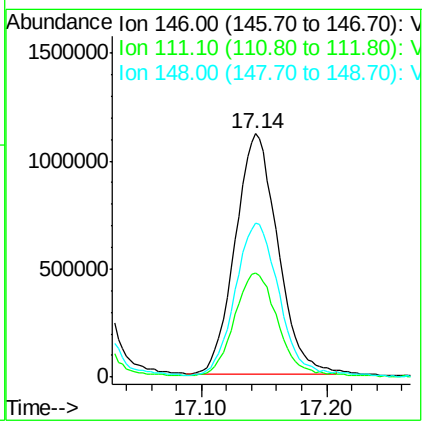


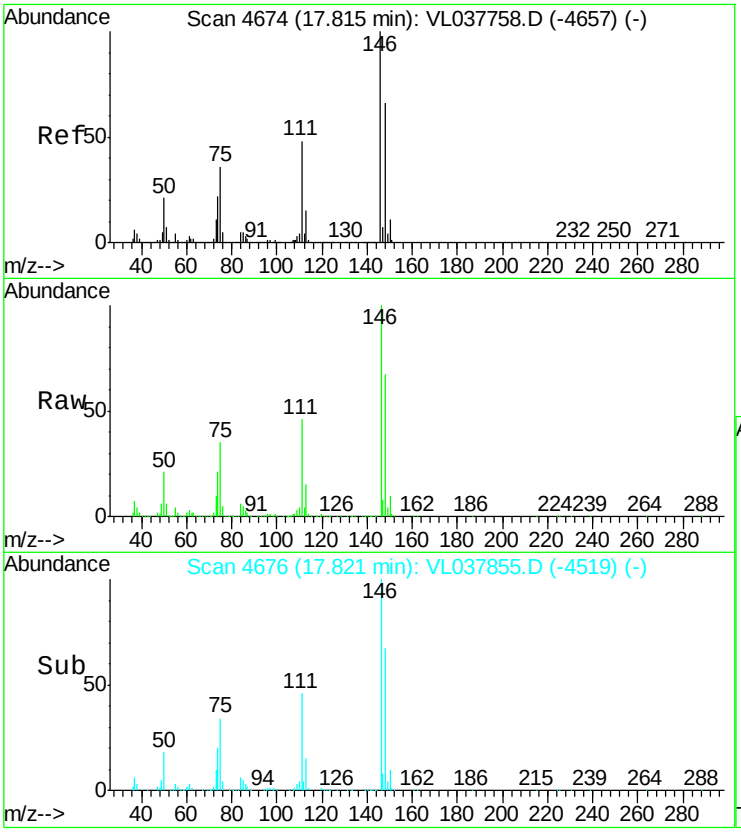


#76
1,4-Dichlorobenzene
Concen: 9.798 ppbv
RT: 17.14 min Scan# 4465
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:146 Resp: 2627741

Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.4	67.3
148	67.6	33.3	99.9



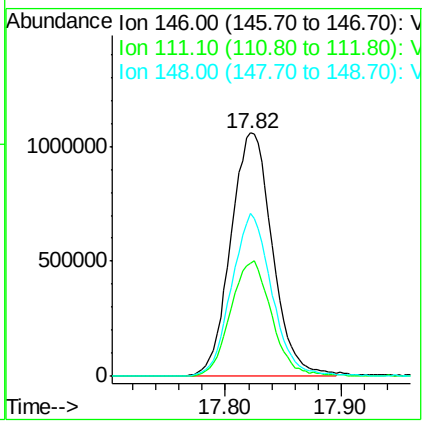


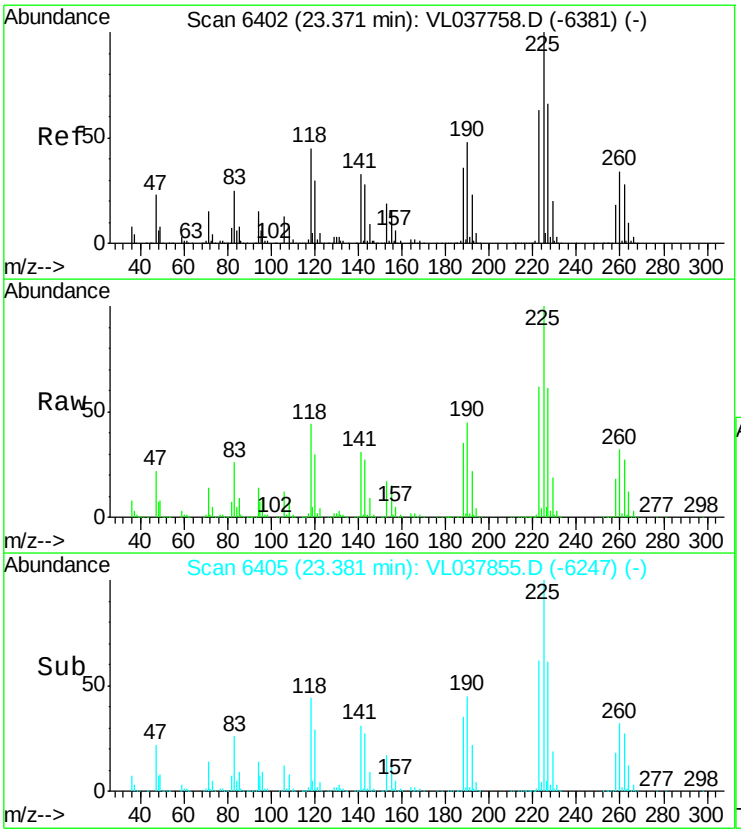
#77
1,2-Dichlorobenzene
Concen: 9.735 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:146 Resp: 2629201

Ion	Ratio	Lower	Upper
146	100		
111	47.4	23.6	70.8
148	65.1	32.9	98.6

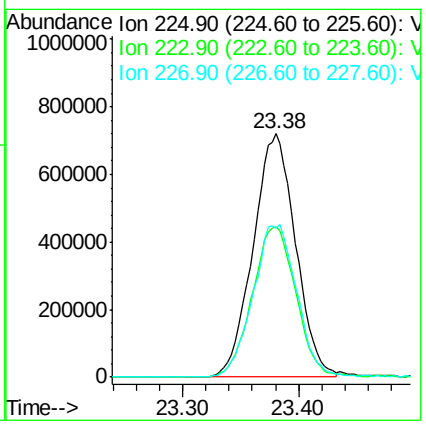


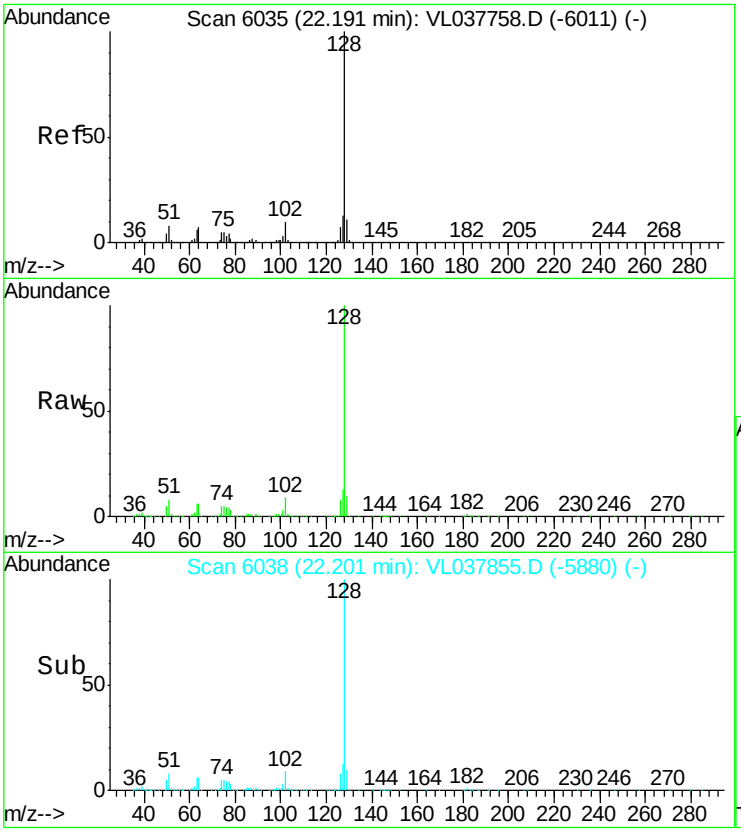


#78
Hexachloro-1,3-Butadiene
Concen: 8.302 ppbv
RT: 23.38 min Scan# 6405
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:225 Resp: 1830826

Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.2	76.8
227	65.2	51.1	76.7



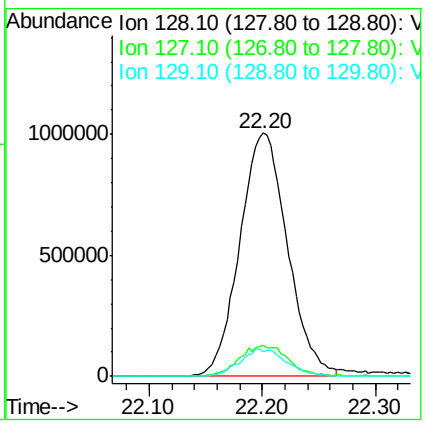


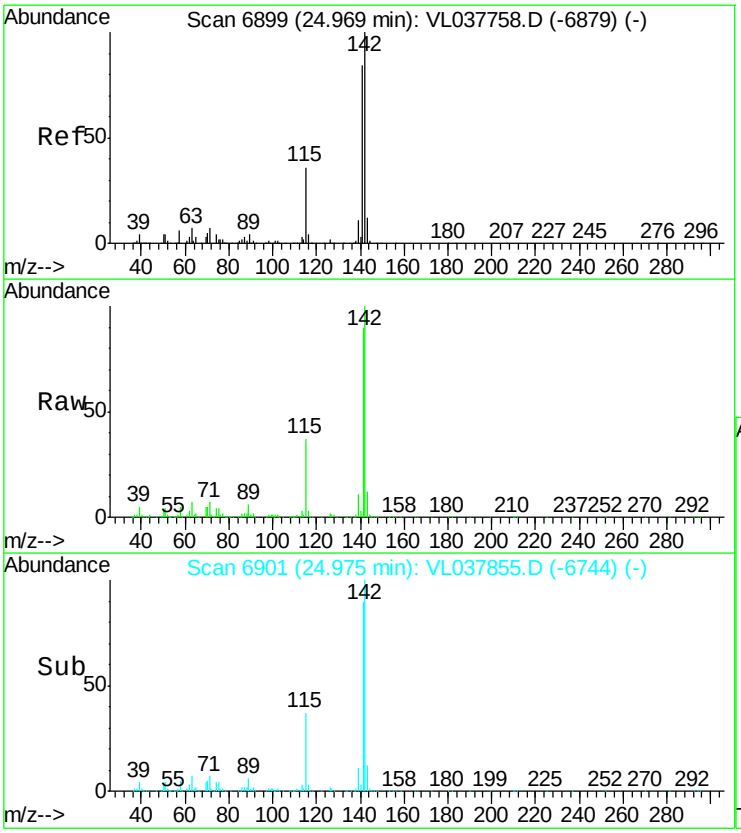
#79
Naphthalene
Concen: 10.545 ppbv
RT: 22.20
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:128 Resp: 2930638

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.2	9.1	13.7

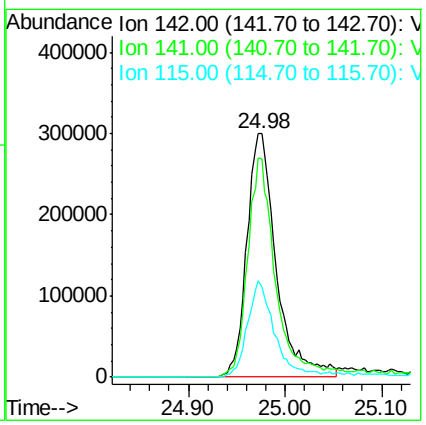


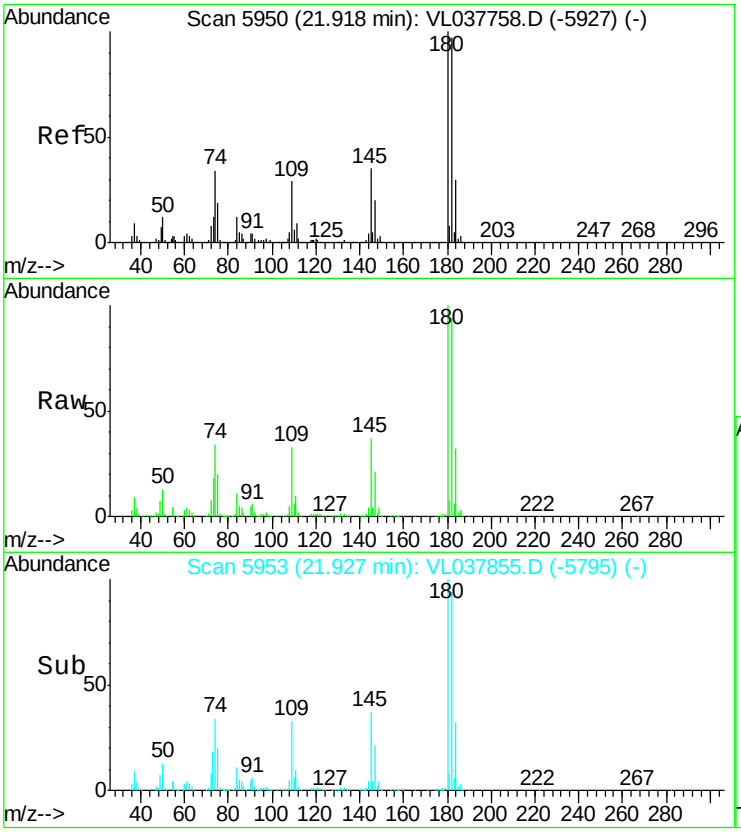


#80
Naphthalene,2-methyl-
Concen: 8.487 ppbv
RT: 24.98 min Scan# 6901
Delta R.T. 0.01 min
Lab File: VL037855.D
Acq: 18 Oct 2021 16:19

Tgt Ion:142 Resp: 633296

Ion	Ratio	Lower	Upper
142	100		
141	85.6	68.6	102.8
115	37.8	29.0	43.6





#81
1,2,4-Trichlorobenzene
Concen: 5.340 ppbv
RT: 21.93
Delta R.T
Lab File:
Acq: 18 Oct 2021 16:19

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABS01

Tgt Ion:180 Resp: 949148

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.6	116.4#
184	0.0	25.0	37.4#