Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\

Quantitation Report (Not Reviewed)

Data File : VL037760.D
Acq On : 4 Oct 2021 12:55
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Oct 04 14:23:44 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 12:52:19 2021
QLast Update : Mon Oct 04 12:52:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1448310	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4247246	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3803191	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2668210	9.71	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	317656	1.212	ppbv	98
3) Chlorodifluoromethane	2.99	51	299180	1.095	ppbv	99
4) Chloromethane	3.14	50	107386	1.064	ppbv	96
5) Vinyl Chloride	3.26	62	93453	0.986	ppbv	92
6) Bromomethane	3.47	94	48532	0.881	ppbv	89
7) Chloroethane	3.56	64	30544	0.862	ppbv	97
8) Dichlorotetrafluoroethane	3.19	85	245872	1.088	ppbv	99
9) Propene	3.02	41	97068	1.007	ppbv	97
10) Heptane	8.12	43	235065	1.045	ppbv	99
11) Trichlorofluoromethane	3.95	101	209250	0.994	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	160855	1.036	ppbv	99
13) Ethanol	3.62	45	4084	0.433	ppbv #	5
14) Bromoethene	3.74	108	63342	0.896	ppbv #	92
15) Acetone	3.86	43	108226	0.719	ppbv #	76
16) 1,3-Butadiene	3.33	39	89381	0.951	ppbv	86
17) tert-Butyl alcohol	4.30	59	127071	0.996	ppbv	96
18) 1,1-Dichloroethene	4.29	96	74753	1.033	ppbv	90
19) Isopropyl Alcohol	3.98	45	54042	0.660	ppbv #	96
20) Methylene Chloride	4.35	84	59285	0.825	ppbv	96
21) Allyl Chloride	4.41	41	111271	0.990	ppbv	92
22) trans-1,2-Dichloroethene	4.88	96	66055	0.907	ppbv	97
23) Vinyl Acetate	5.08	43	190650	0.916	ppbv	98
24) 1,1-Dichloroethane	5.01	63	147017	0.986	ppbv	99
25) Ethyl Acetate	5.69	43	364698	1.001	ppbv	97
26) Hexane	5.69	57	187942	1.086	ppbv	96
27) Carbon Disulfide	4.56	76	147981	0.934	ppbv #	90
28) Methyl tert-Butyl Ether	5.05	73	142824	0.937	ppbv	95
29) Chloroform	5.75	83	270095	1.068	ppbv	97
30) Cyclohexane	7.13	84	140824	0.951	ppbv #	65
31) cis-1,2-Dichloroethene	5.55	61	132350	0.842	ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	231510	0.984	ppbv	94
34) 2-Butanone	5.26	43	136272	0.790	ppbv #	86
35) Carbon Tetrachloride	7.02	117	244239	1.017	ppbv	95
36) Benzene	6.89	78	375941	1.061	ppbv #	92
37) 1,2-Dichloroethane	6.30	62	171177	0.983	ppbv #	95
38) Trichloroethene	7.84	130	82423	0.557	ppbv	86
39) 1,2-Dichloropropane	7.61	63	66670	0.491	ppbv	89
41) Tetrahydrofuran	6.07	42	35420	0.437	ppbv #	36
42) Bromodichloromethane	7.79	83	248709	0.996	ppbv	99
43) Methyl Methacrylate	8.02	69	106808	0.907	ppbv	90
44) 2,2,4-Trimethylpentane	7.87	57	637625	1.071	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\

Quantitation Report (Not Reviewed)

Data File : VL037760.D
Acq On : 4 Oct 2021 12:55
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Oct 04 14:23:44 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 12:52:19 2021
QLast Update : Mon Oct 04 12:52:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) t-1,3-Dichloropropene	9.28	75	40682	0.440	ppbv		98
46) cis-1,3-Dichloropropene	8.70	75	102511	0.820	ppbv		99
47) 1,1,2-Trichloroethane	9.47	97	84913	0.566	ppbv		97
48) Dibromochloromethane	10.30	129	202386	0.967	ppbv		97
49) Bromoform	13.04	173	98008	0.585	ppbv	#	59
50) 4-Methyl-2-Pentanone	8.75	43	64411	0.294	ppbv	#	38
51) 2-Hexanone	10.15	43	40120	0.415	ppbv	#	29
52) Tetrachloroethene	11.22	164	84022	0.618	ppbv		91
53) Toluene	9.81	91	400359	1.017	ppbv		99
54) 1,2-Dibromoethane	10.61	107	191961	0.934	ppbv		94
56) 1,1,1,2-Tetrachloroethane	12.13	131	79914	0.507	ppbv	#	4
57) Chlorobenzene	12.15	112	334791	1.059	ppbv		92
58) Ethyl Benzene	12.71	91	535718	1.061	ppbv		98
59) m/p-Xylene	13.00	91	374232	0.851	ppbv	#	2
60) o-Xylene	13.69	91	452360	1.080	ppbv		96
61) Styrene	13.53	104	190828	0.924	ppbv		98
62) Isopropylbenzene	14.67	105	613337	1.048	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.68	83	318311	0.971	ppbv		99
64) n-propylbenzene	15.56	120	151348	1.003	ppbv		98
65) tert-Butylbenzene	16.74	119	545355	1.034	ppbv		97
66) Benzyl Chloride	16.98	91	4757	0.165	ppbv	#	67
67) sec-Butylbenzene	17.29	105	757154	1.058	ppbv		98
69) p-Isopropyltoluene	17.65	119	582099	0.996	ppbv		99
70) n-Butylbenzene	18.55	91	549416	0.993	ppbv		98
71) 2-Chlorotoluene	15.45	91	440583	1.051	ppbv		96
72) 4-Ethyltoluene	15.84	105	474803	0.988	ppbv		98
73) 1,3,5-Trimethylbenzene	16.00	105	429230	0.958	ppbv		96
74) 1,2,4-Trimethylbenzene	16.75	105	472418	1.001	ppbv	#	85
75) 1,3-Dichlorobenzene	16.99	146	118000	0.402	ppbv	#	23
76) 1,4-Dichlorobenzene	17.13	146	136138	0.471	ppbv	#	23
77) 1,2-Dichlorobenzene	17.81	146	275915	0.992	ppbv		97
78) Hexachloro-1,3-Butadiene	23.37	225	239063	1.021	ppbv		95
79) Naphthalene	22.19	128	112086	0.387	ppbv		97
80) Naphthalene,2-methyl-	24.98	142	43270	0.653	ppbv		98
81) 1,2,4-Trichlorobenzene	21.90	180	5759	0.031	ppbv	#	12

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

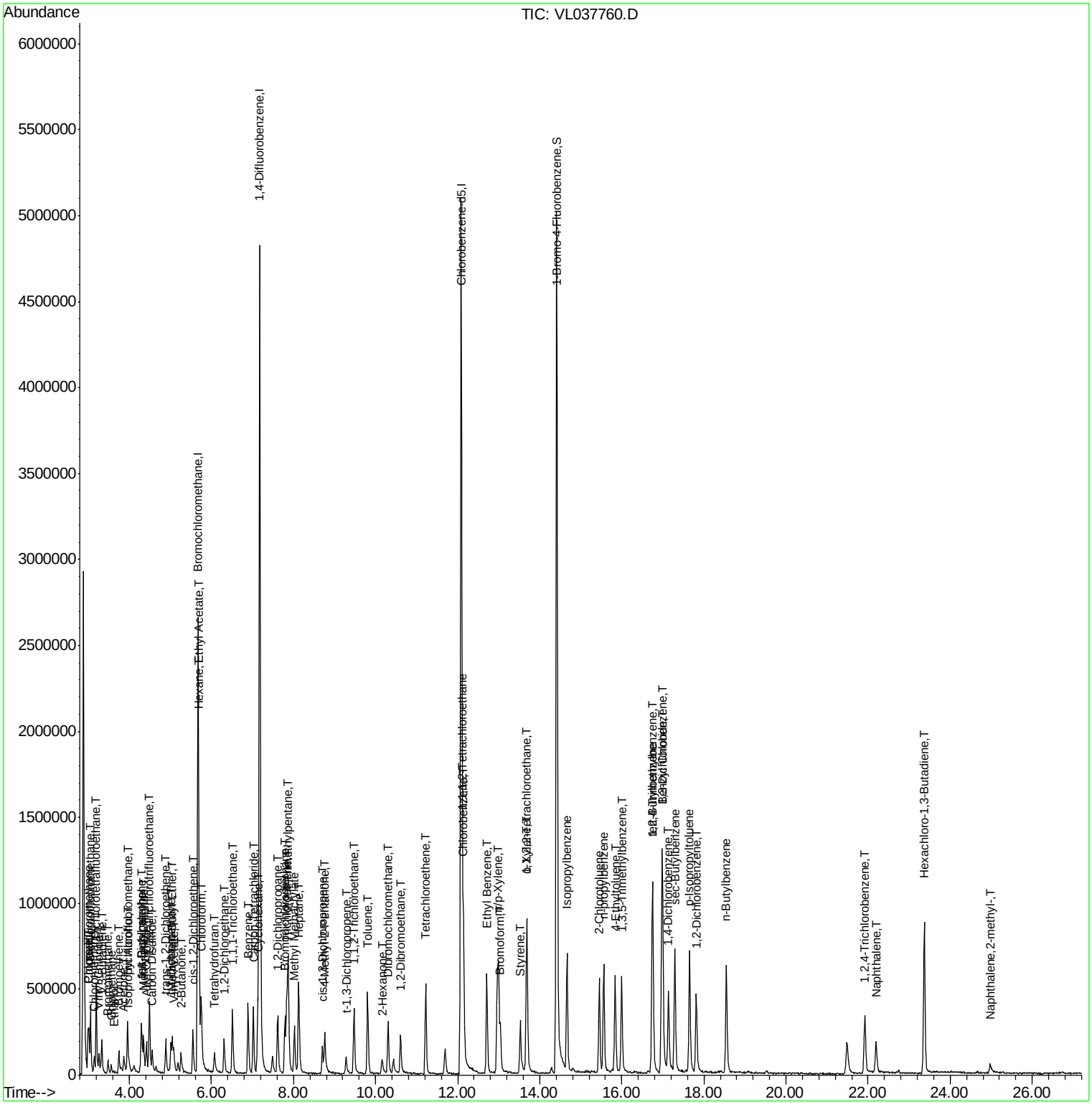
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100421\

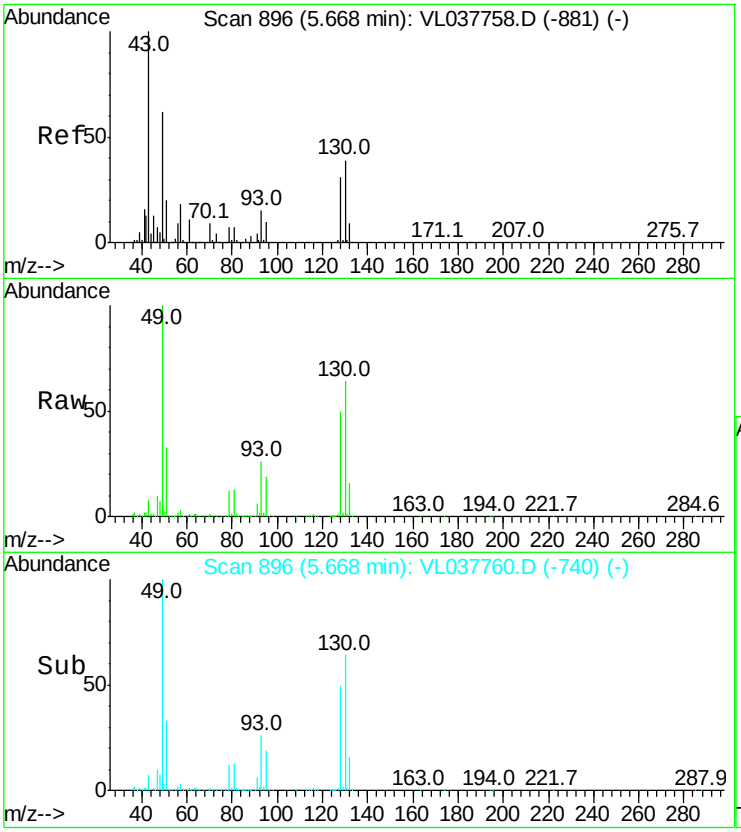
Quantitation Report (Not Reviewed)

Data File : VL037760.D
Acq On : 4 Oct 2021 12:55
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Oct 04 14:23:44 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 12:52:19 2021
QLast Update : Mon Oct 04 12:52:19 2021
Response via : Initial Calibration



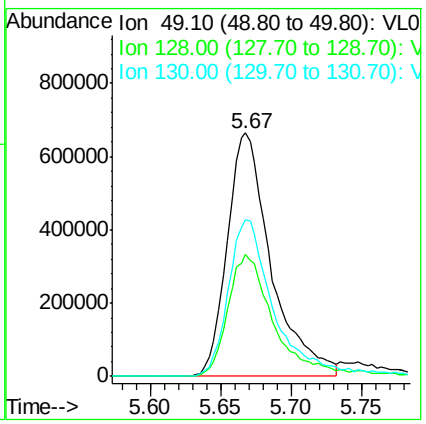


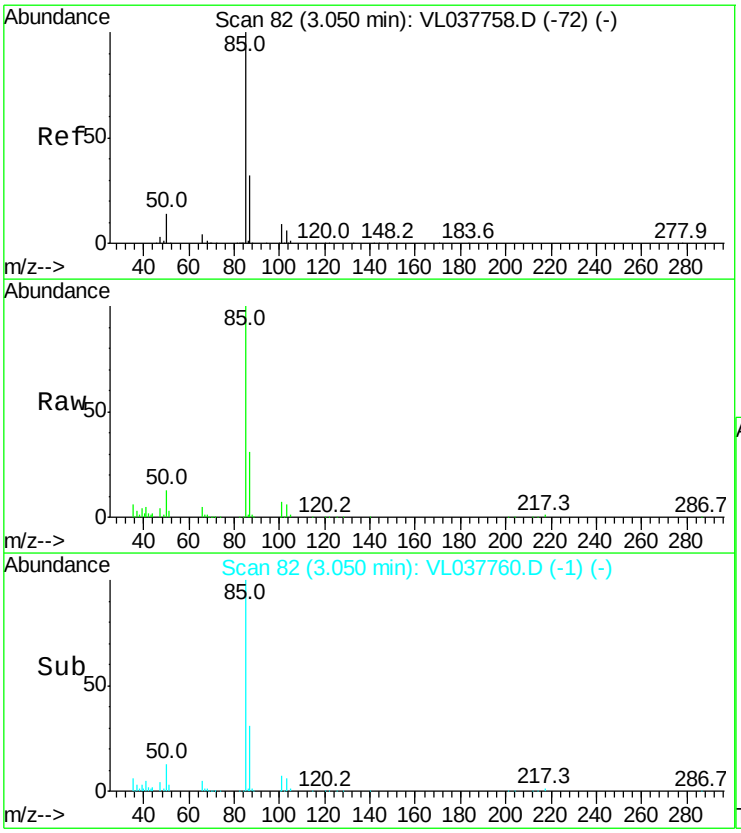
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 1448310

Ion	Ratio	Lower	Upper
49	100		
128	54.5	27.1	81.3
130	69.2	33.2	99.6

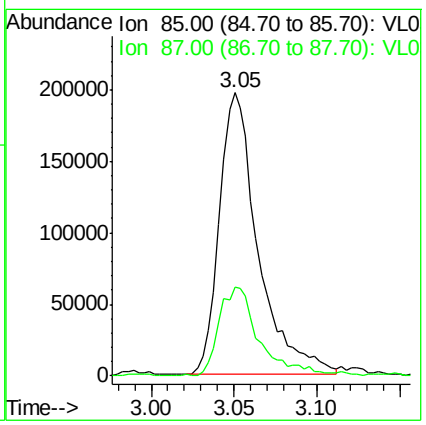


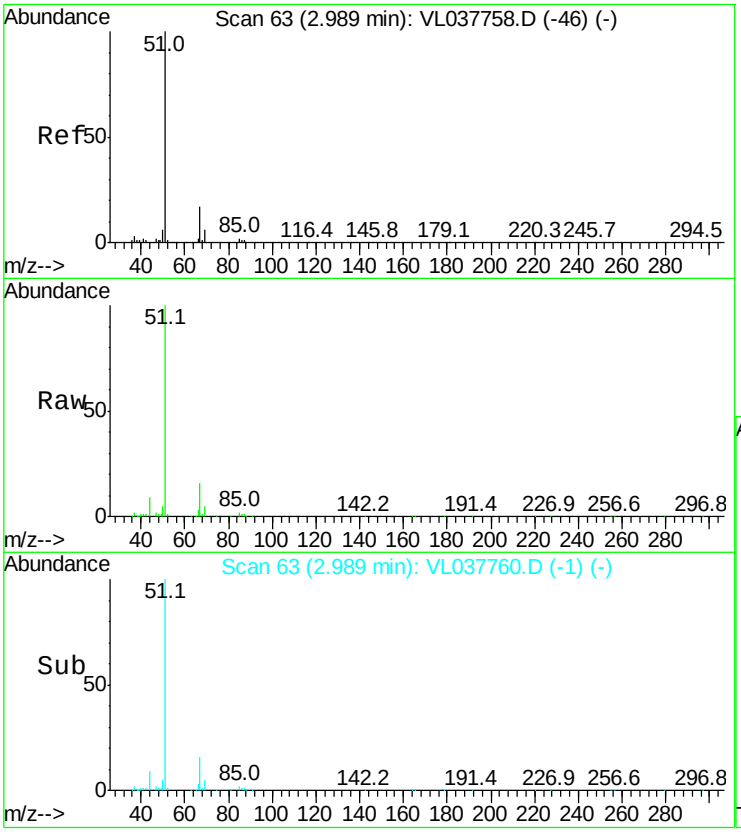


#2
Dichlorodifluoromethane
Concen: 1.212 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 85 Resp: 317656

Ion	Ratio	Lower	Upper
85	100		
87	31.2	25.7	38.5



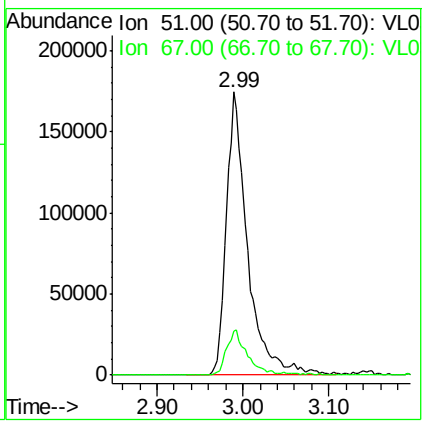


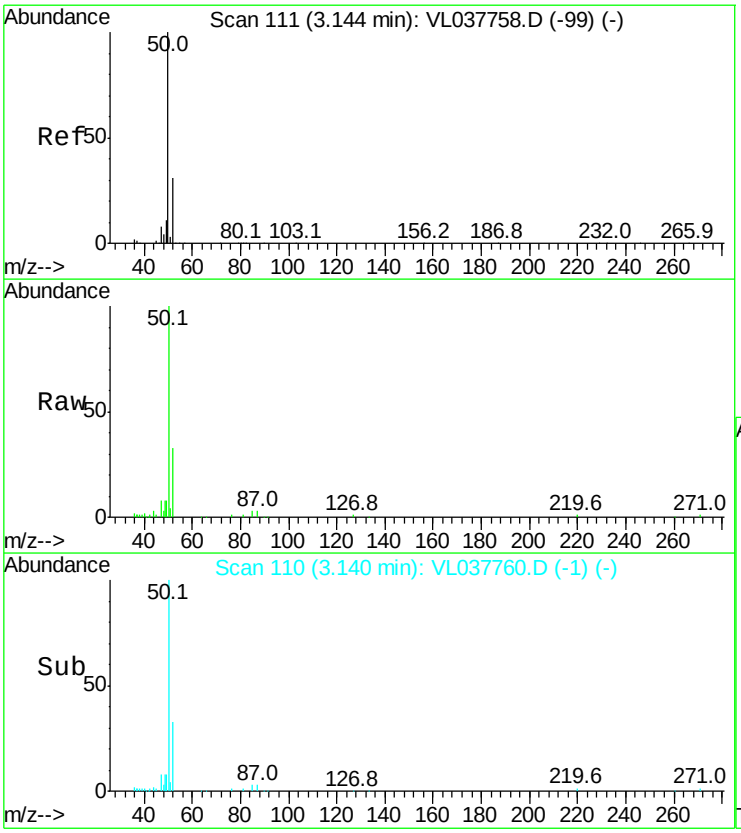
#3
Chlorodifluoromethane
Concen: 1.095 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 299180

Ion	Ratio	Lower	Upper
51	100		
67	16.3	13.5	20.3

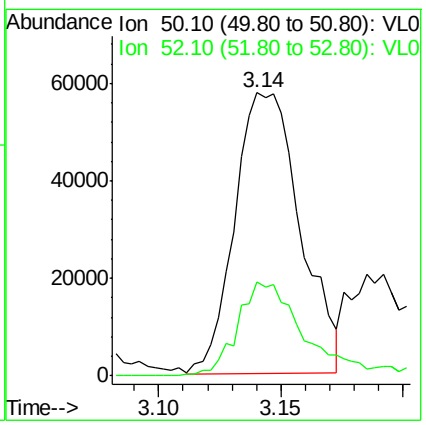


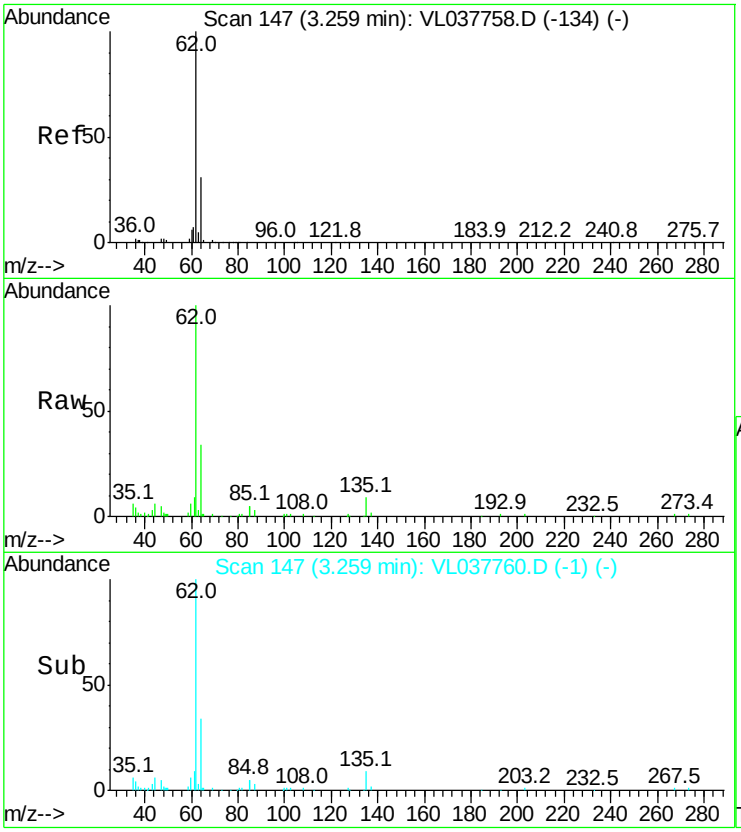


#4
Chloromethane
Concen: 1.064 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 50 Resp: 107386

Ion	Ratio	Lower	Upper
50	100		
52	32.8	24.4	36.6



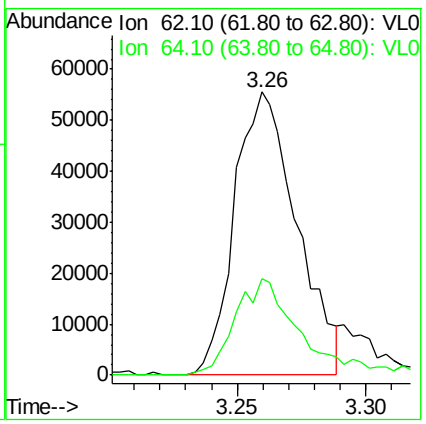


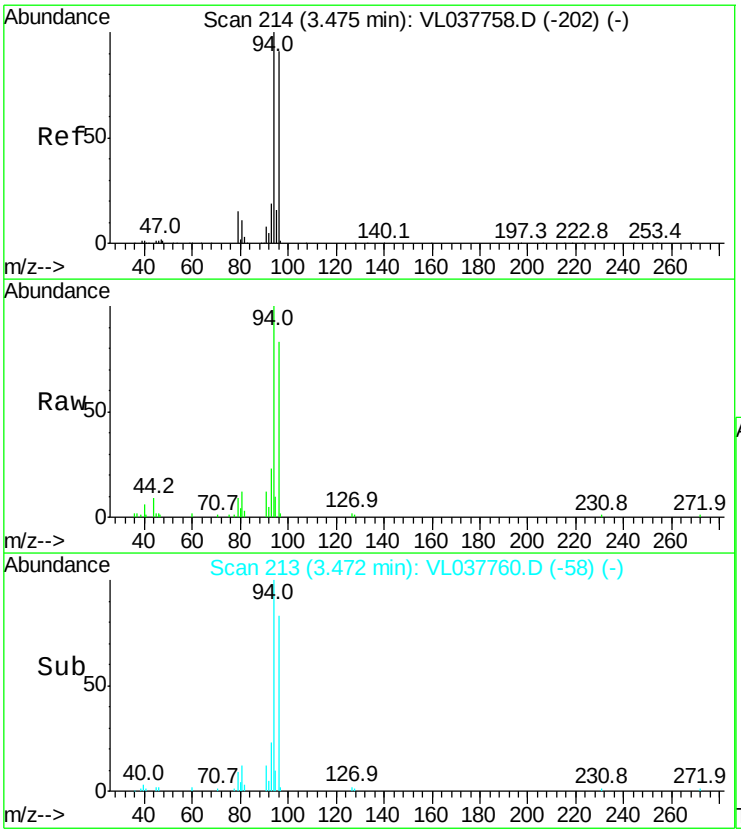
#5
Vinyl Chloride
Concen: 0.986 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 93453

Ion	Ratio	Lower	Upper
62	100		
64	35.2	24.9	37.3

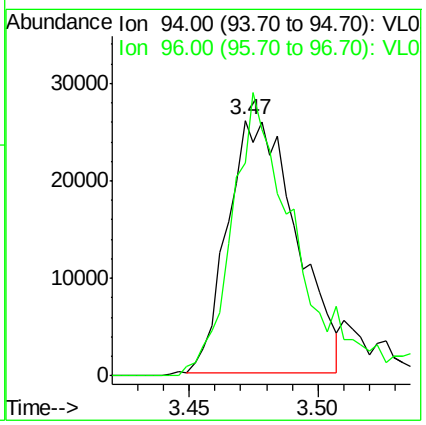


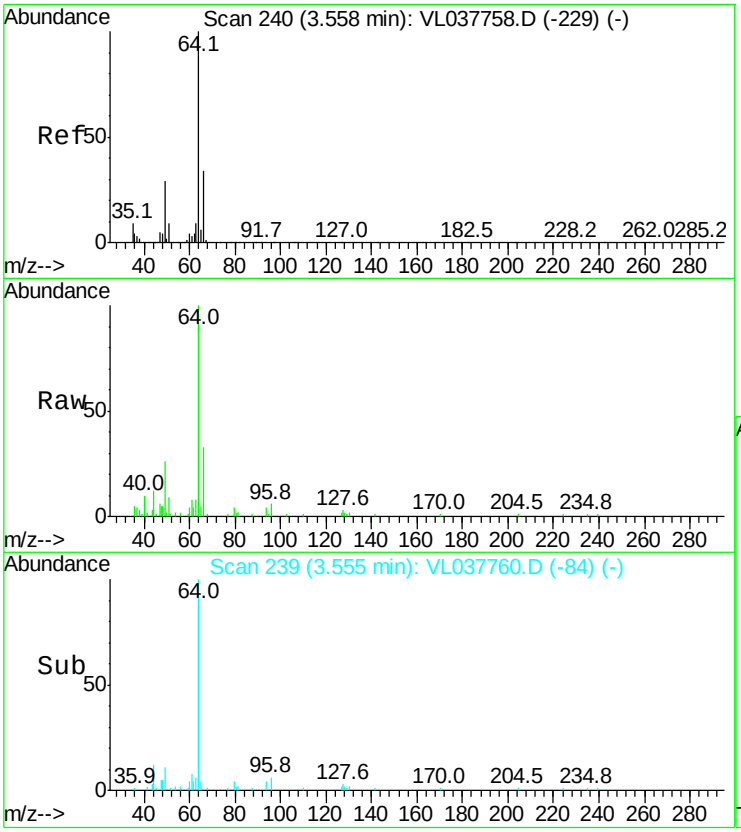


#6
Bromomethane
Concen: 0.881 ppbv
RT: 3.47 min Scan# 213
Delta R.T. -0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 94 Resp: 48532

Ion	Ratio	Lower	Upper
94	100		
96	80.3	72.5	108.7



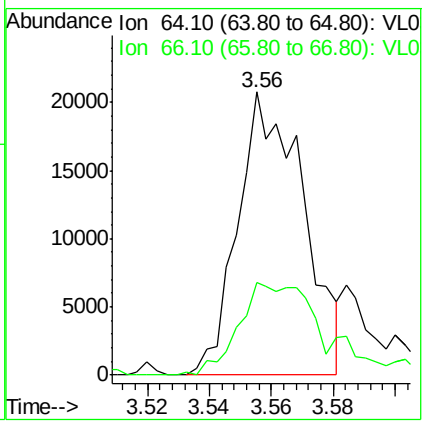


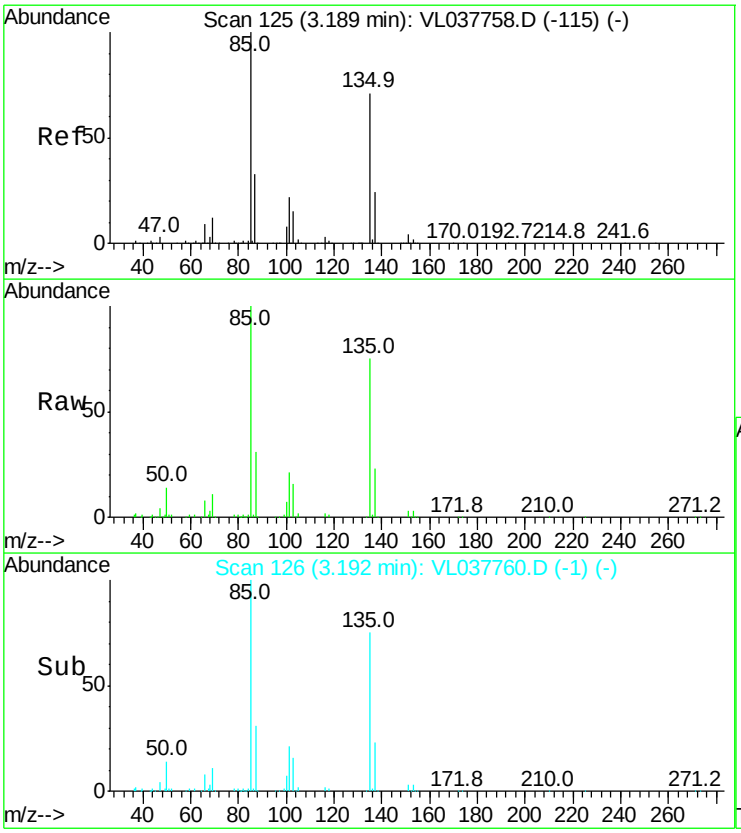
#7
Chloroethane
Concen: 0.862 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 30544

Ion	Ratio	Lower	Upper
64	100		
66	32.5	27.5	41.3

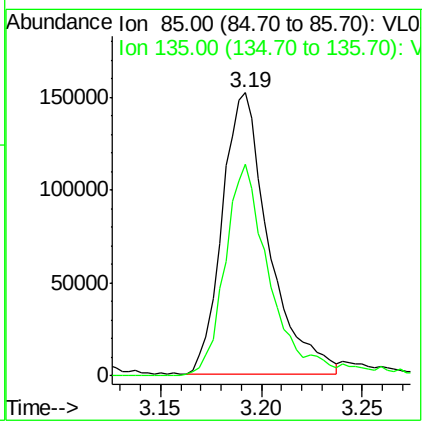


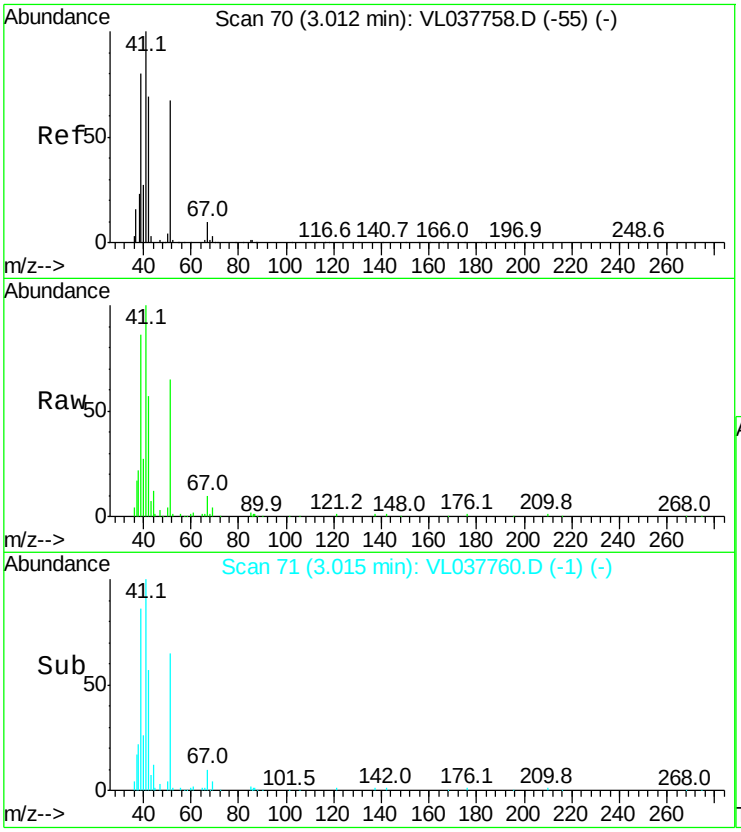


#8
Dichlorotetrafluoroethane
Concen: 1.088 ppbv
RT: 3.19 min Scan# 126
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 85 Resp: 245872

Ion	Ratio	Lower	Upper
85	100		
135	75.5	59.5	89.3



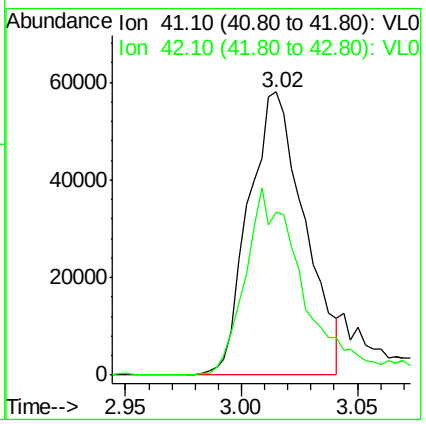


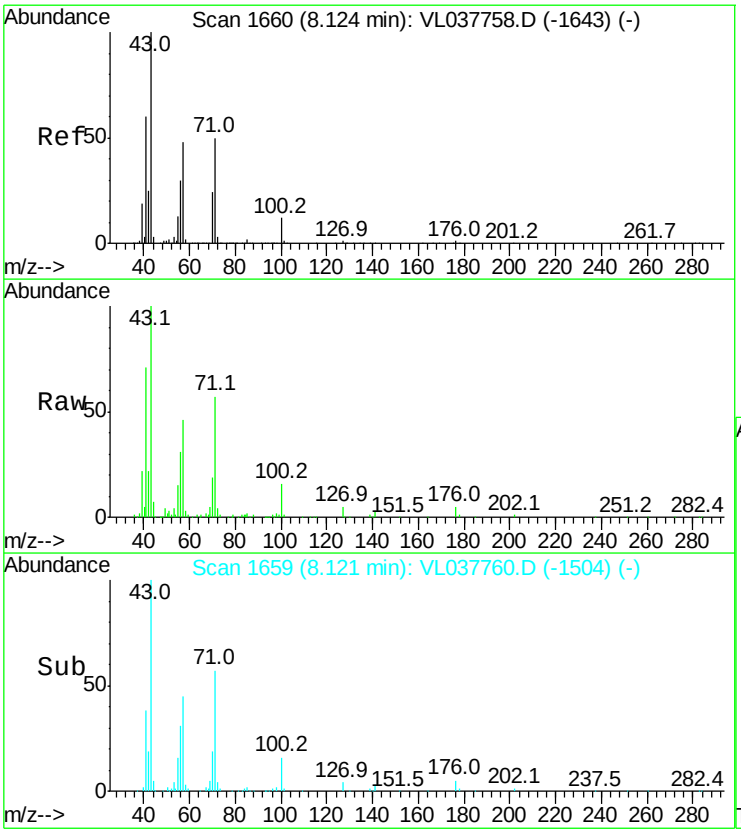
#9
Propene
Concen: 1.007 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 97068

Ion	Ratio	Lower	Upper
41	100		
42	70.4	54.2	81.2

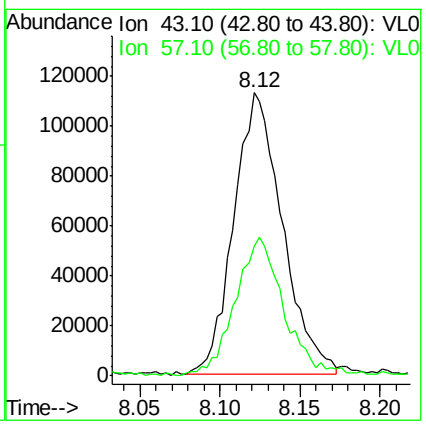


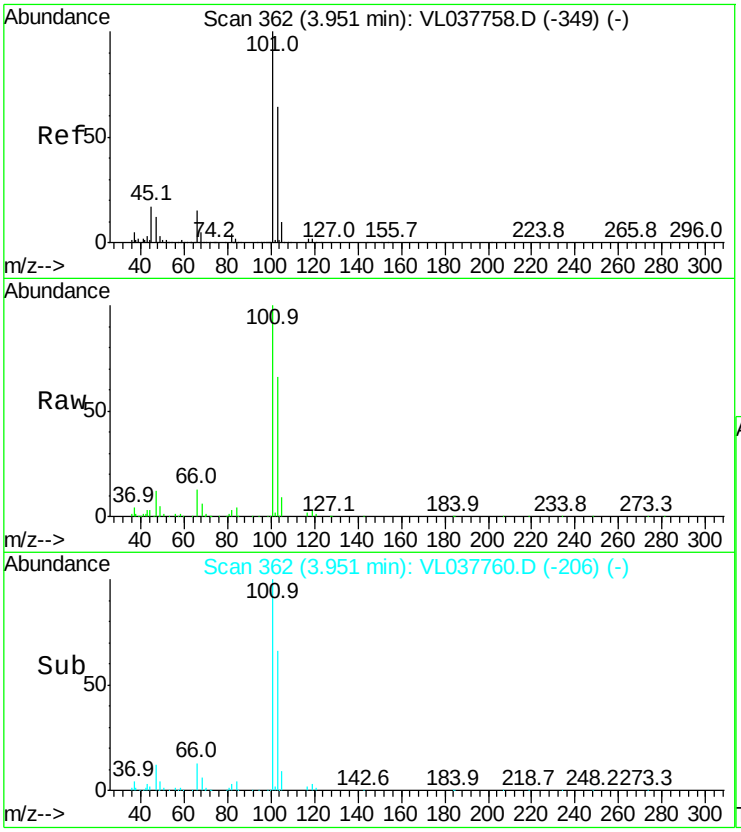


#10
Heptane
Concen: 1.045 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 43 Resp: 235065

Ion	Ratio	Lower	Upper
43	100		
57	49.6	40.0	60.0



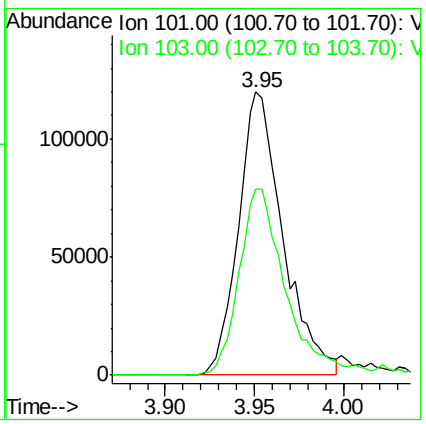


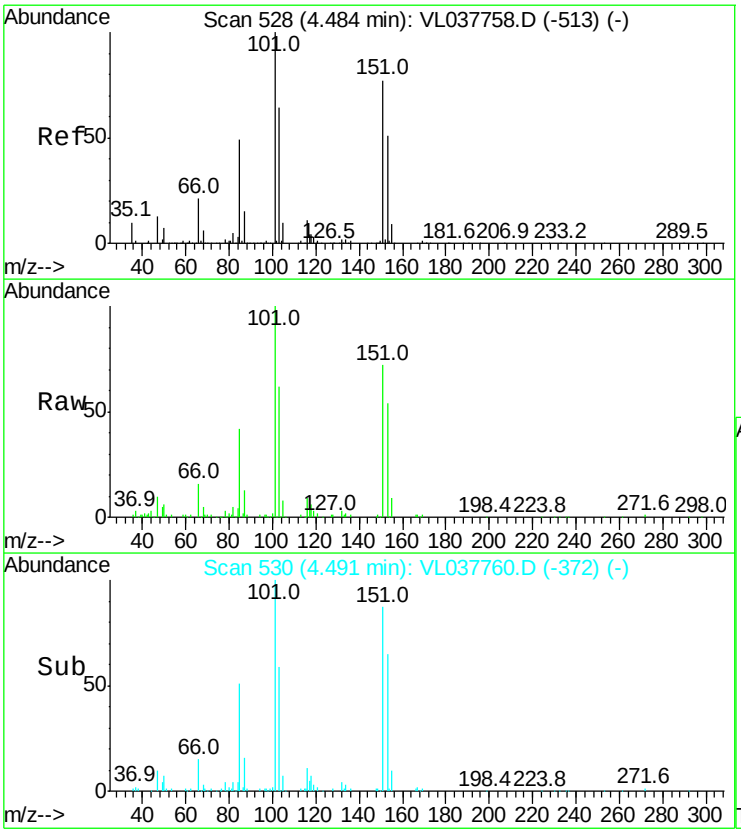
#11
Trichlorofluoromethane
Concen: 0.994 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 209250

Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.5	77.3

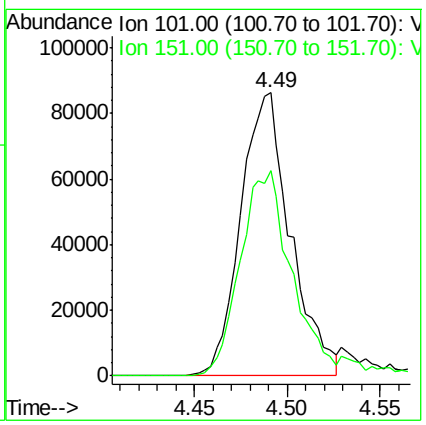


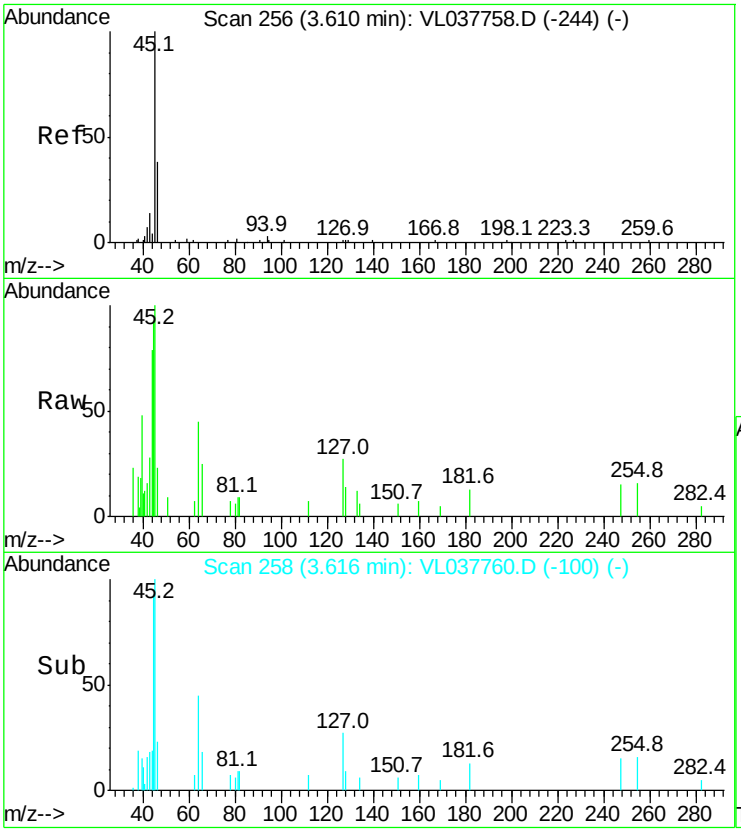


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.036 ppbv
RT: 4.49 min Scan# 530
Delta R.T. 0.01 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion:101 Resp: 160855

Ion	Ratio	Lower	Upper
101	100		
151	79.5	62.9	94.3



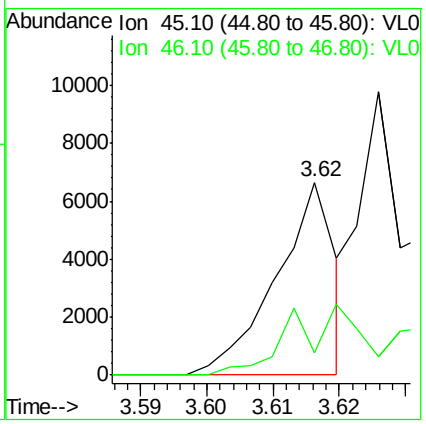


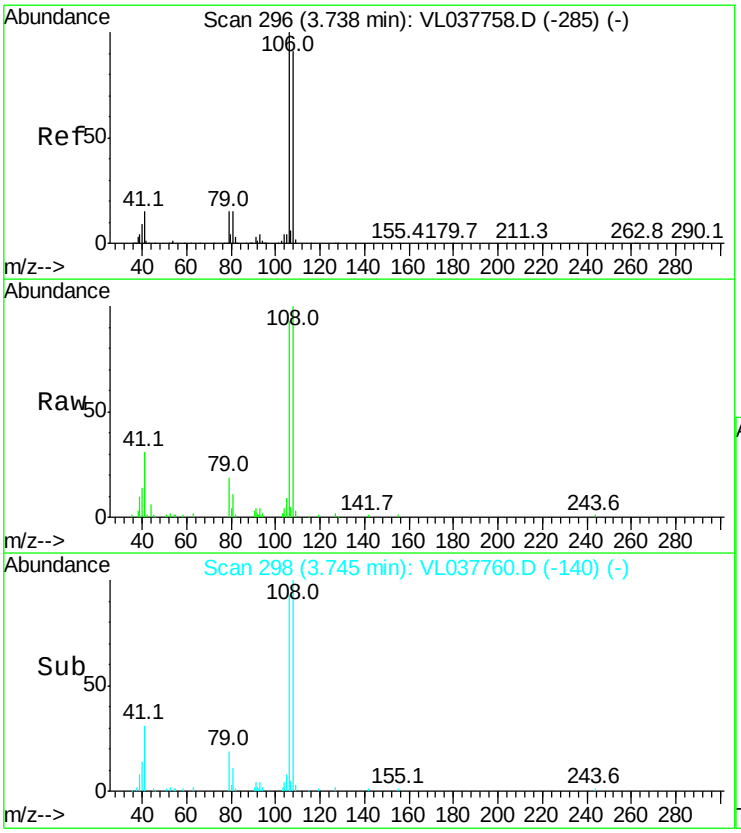
#13
Ethanol
Concen: 0.433 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 4084

Ion	Ratio	Lower	Upper
45	100		
46	116.6	20.2	81.0#

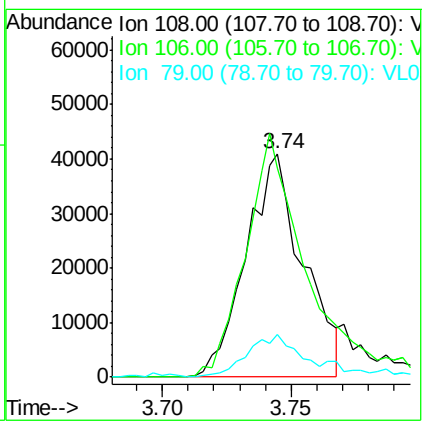


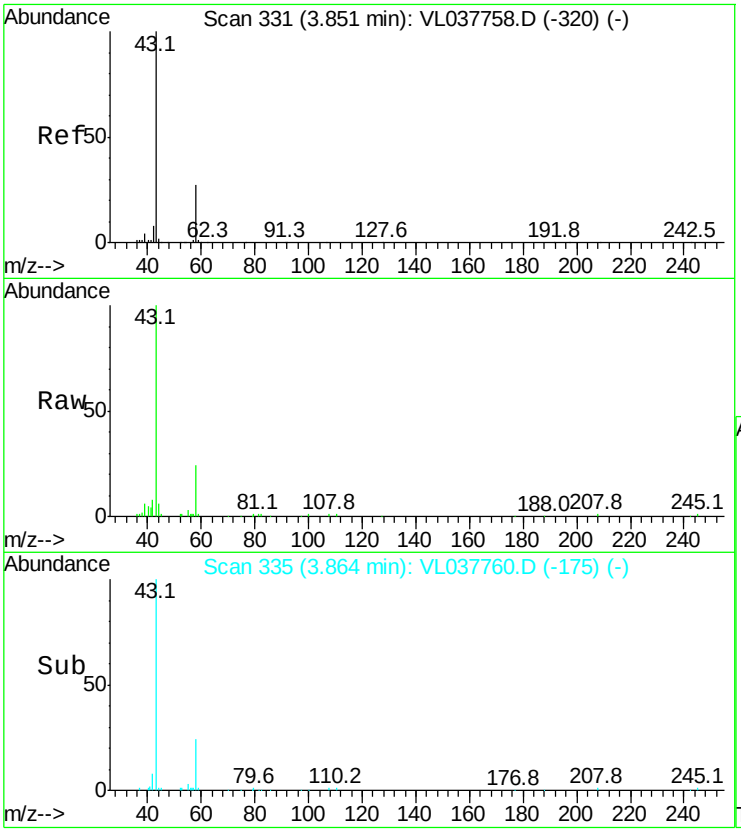


#14
Bromoethene
Concen: 0.896 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion:108 Resp: 63342

Ion	Ratio	Lower	Upper
108	100		
106	122.7	91.9	137.9
79	24.3	13.9	20.9#



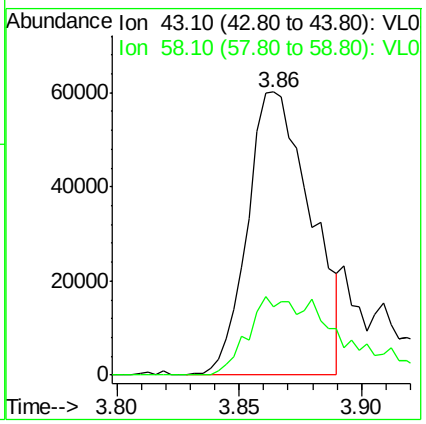


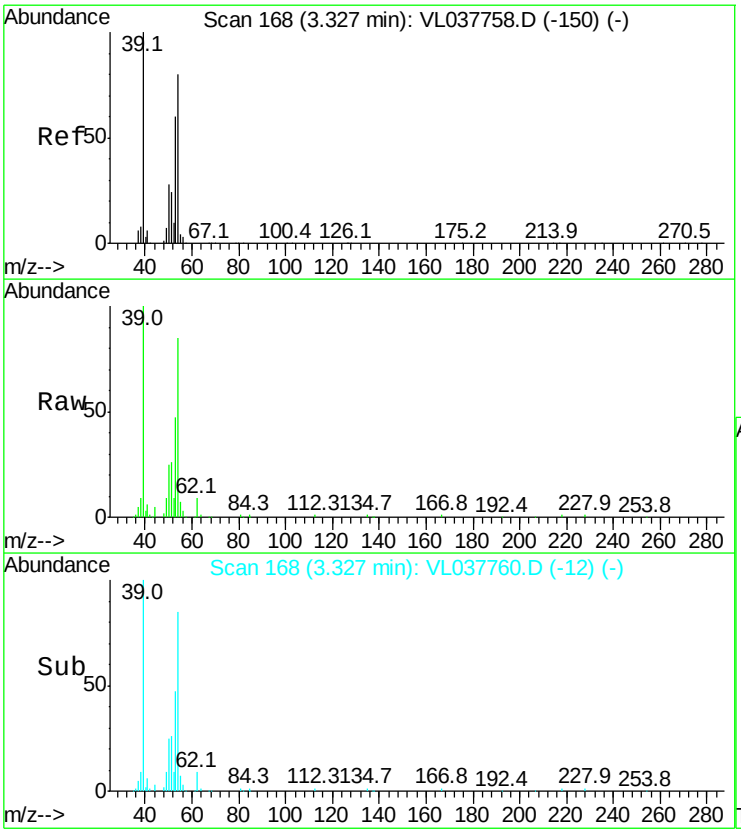
#15
Acetone
Concen: 0.719 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 108226

Ion	Ratio	Lower	Upper
43	100		
58	41.8	23.0	34.6#

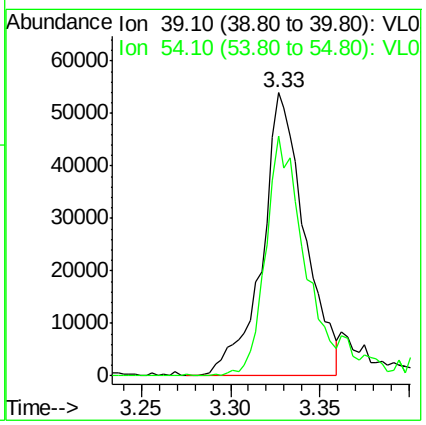


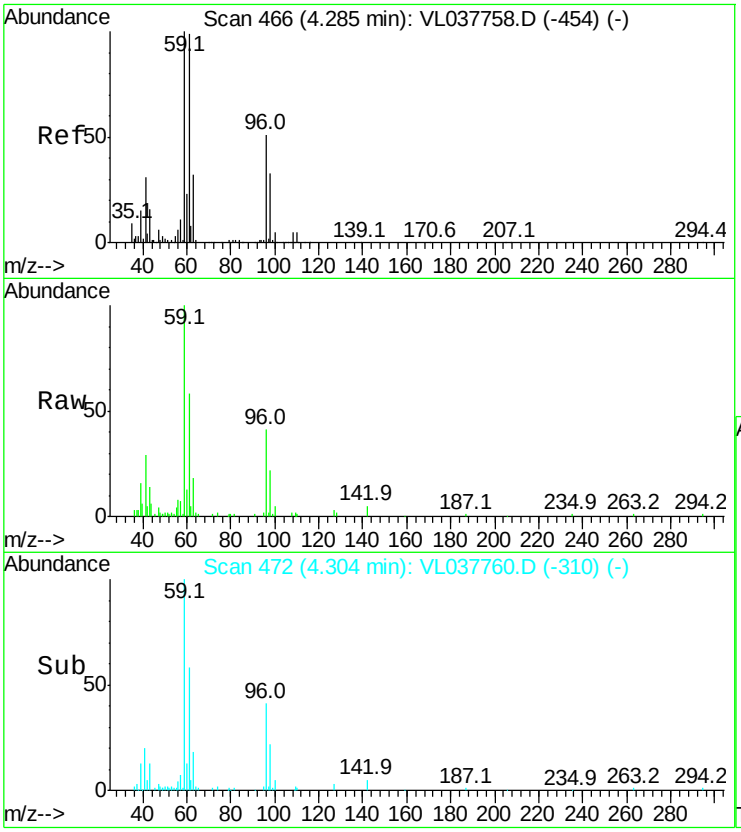


#16
1,3-Butadiene
Concen: 0.951 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 39 Resp: 89381

Ion	Ratio	Lower	Upper
39	100		
54	88.8	61.7	92.5



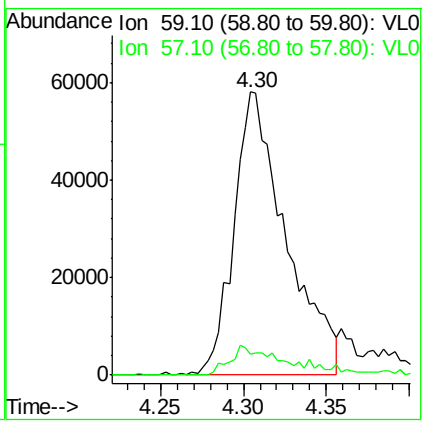


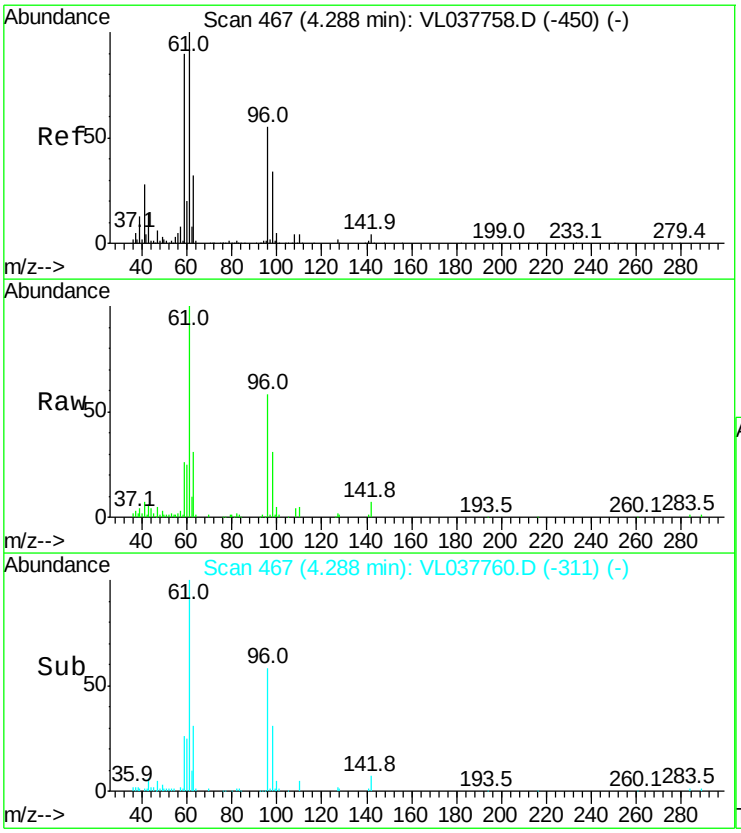
#17
tert-Butyl alcohol
Concen: 0.996 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 127071

Ion	Ratio	Lower	Upper
59	100		
57	12.3	8.6	13.0

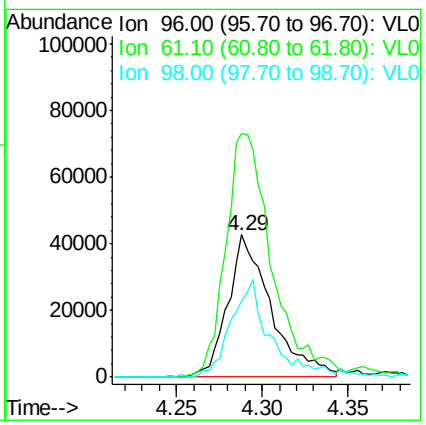


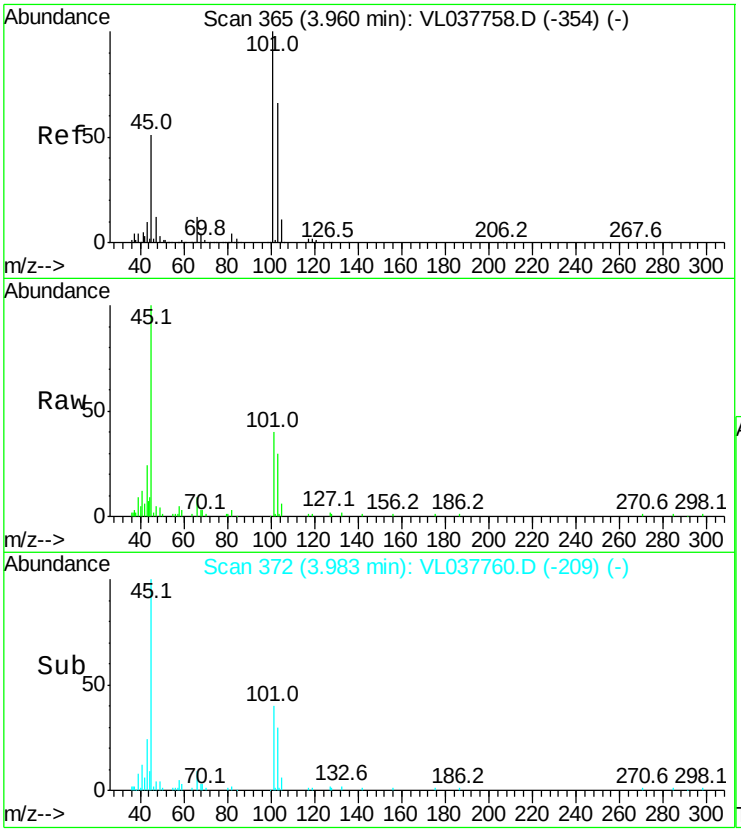


#18
1,1-Dichloroethene
Concen: 1.033 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 96 Resp: 74753

Ion	Ratio	Lower	Upper
96	100		
61	169.4	146.2	219.4
98	53.6	50.0	75.0



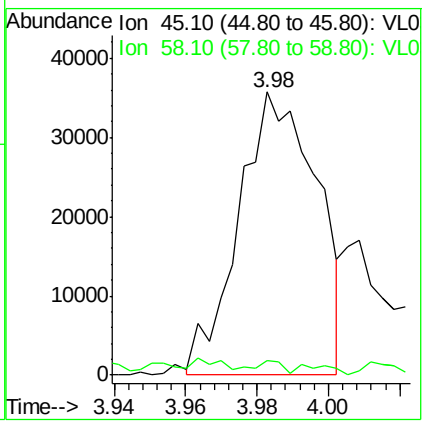


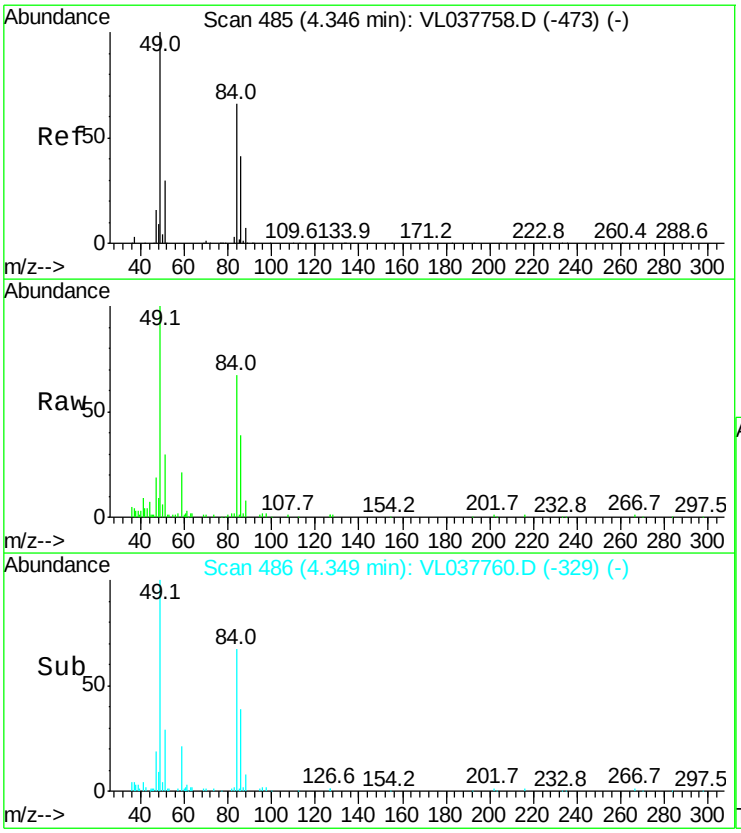
#19
Isopropyl Alcohol
Concen: 0.660 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 54042

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.1	1.7#

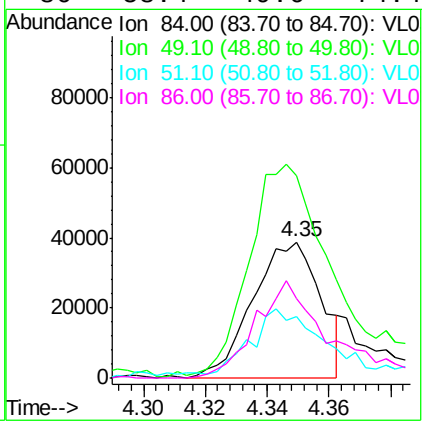


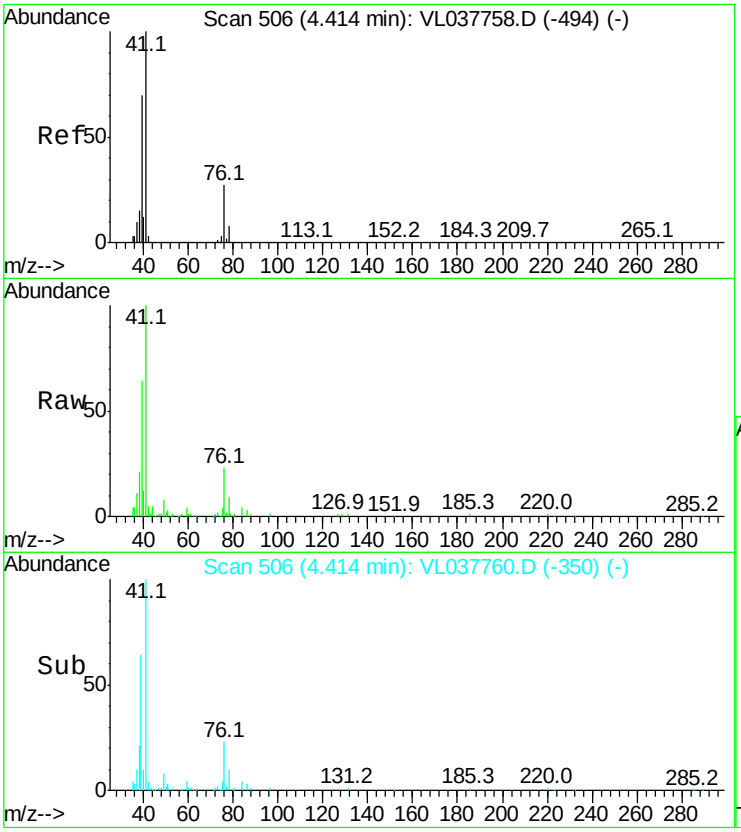


#20
Methylene Chloride
Concen: 0.825 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 84 Resp: 59285

Ion	Ratio	Lower	Upper
84	100		
49	147.1	120.7	181.1
51	41.5	36.2	54.4
86	58.4	49.6	74.4



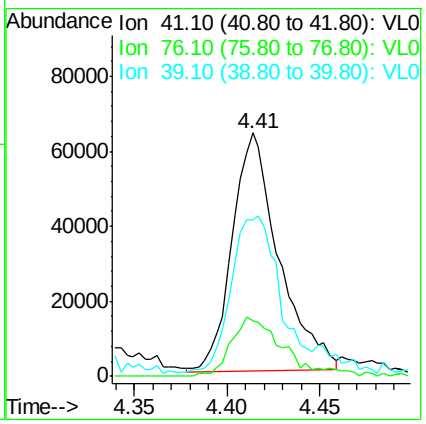


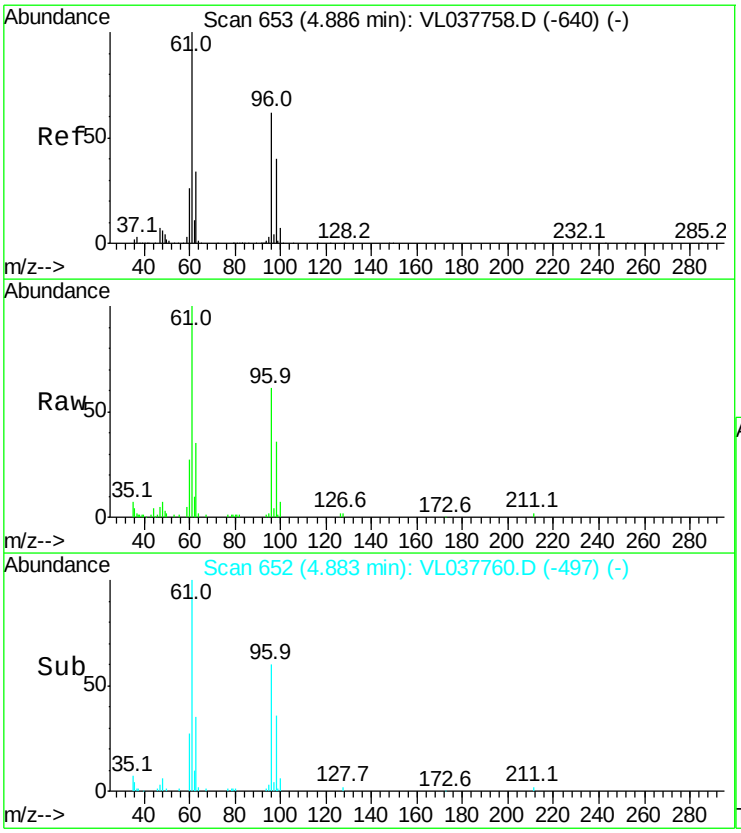
#21
Allyl Chloride
Concen: 0.990 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 111271

Ion	Ratio	Lower	Upper
41	100		
76	28.2	22.4	33.6
39	81.2	58.0	87.0

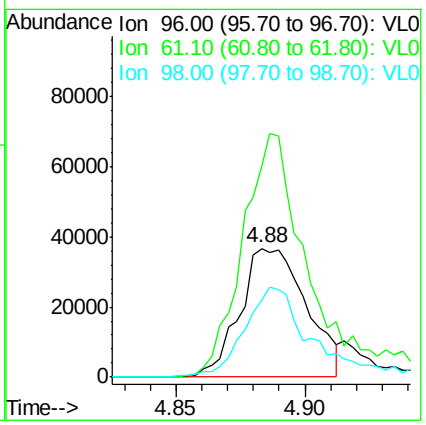


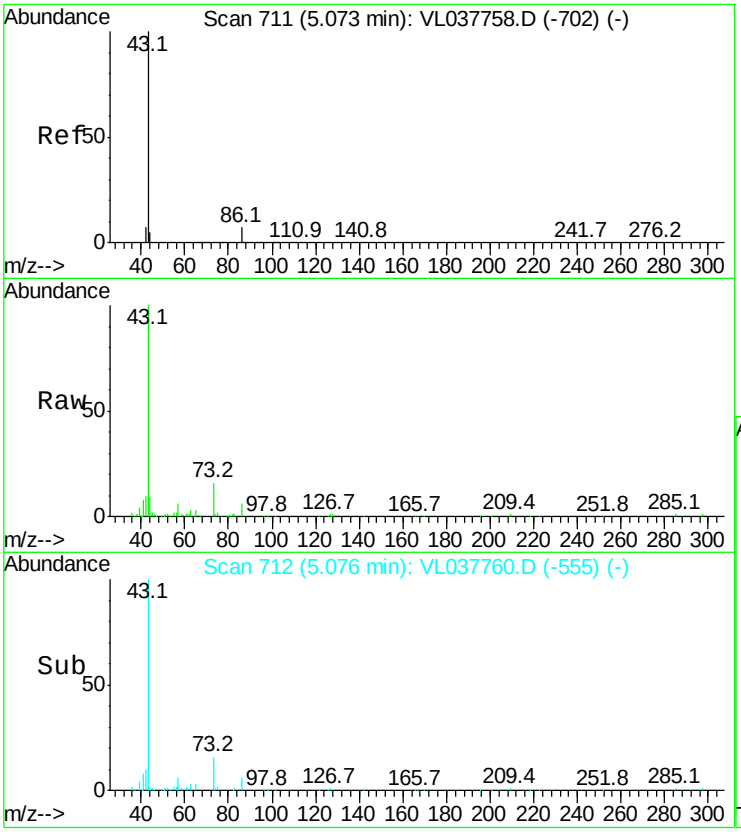


#22
trans-1,2-Dichloroethene
Concen: 0.907 ppbv
RT: 4.88 min Scan# 652
Delta R.T. -0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 96 Resp: 66055

Ion	Ratio	Lower	Upper
96	100		
61	162.9	129.0	193.6
98	58.7	51.7	77.5



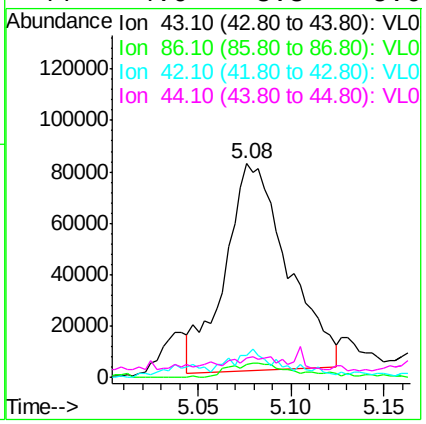


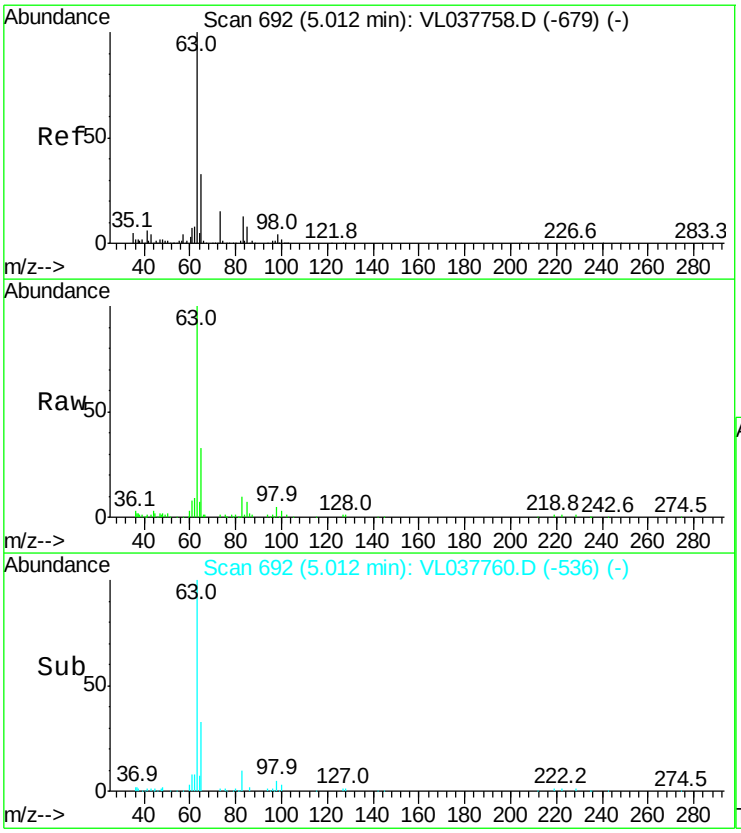
#23
Vinyl Acetate
Concen: 0.916 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 190650

Ion	Ratio	Lower	Upper
43	100		
86	6.0	5.0	7.4
42	10.4	7.4	11.0
44	4.0	3.8	5.6

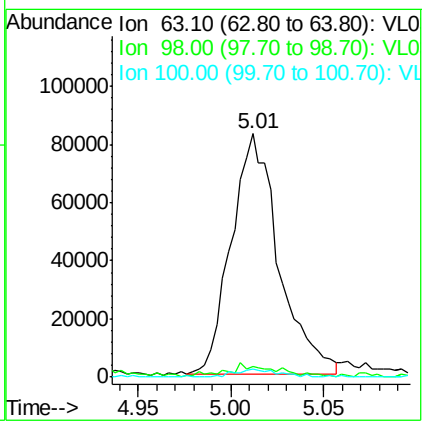


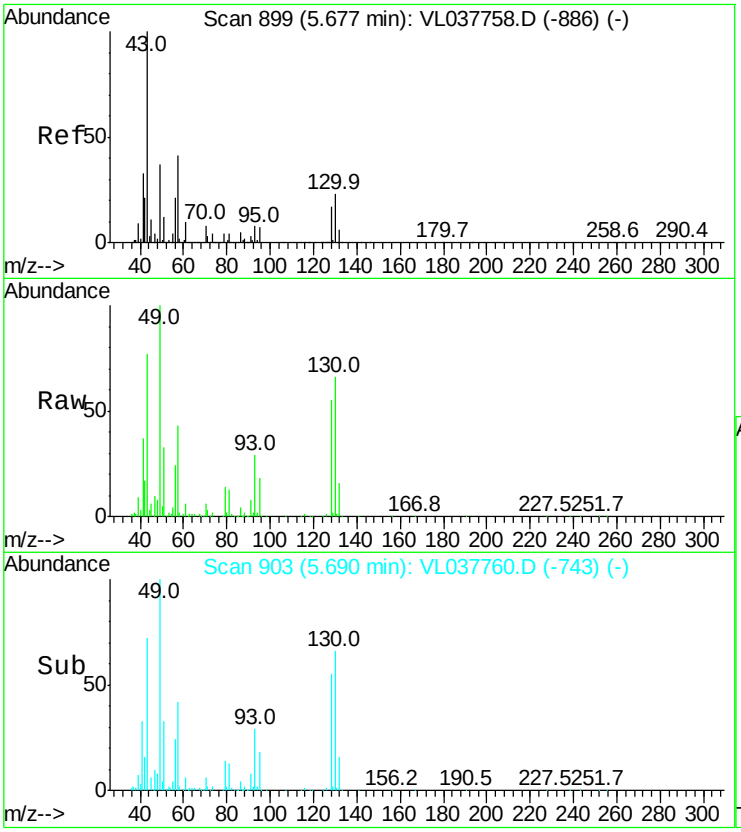


#24
1,1-Dichloroethane
Concen: 0.986 ppbv
RT: 5.01 min Scan# 692
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 63 Resp: 147017

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.9
100	2.7	1.1	3.1



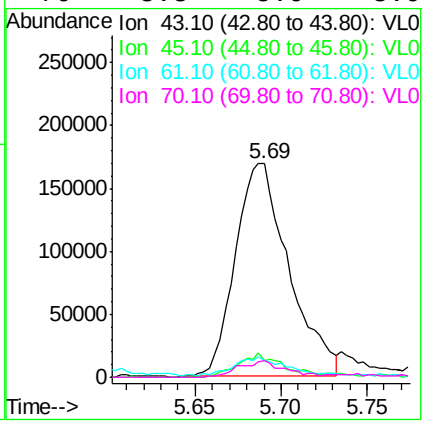


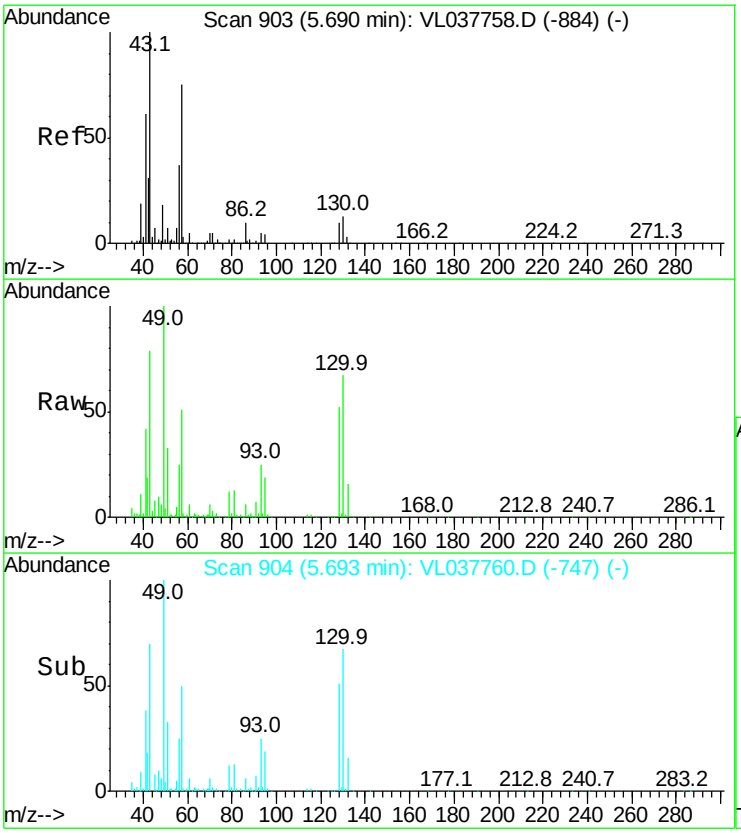
#25
Ethyl Acetate
Concen: 1.001 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 364698

Ion	Ratio	Lower	Upper
43	100		
45	11.2	8.1	12.1
61	9.8	7.5	11.3
70	8.8	5.9	8.9

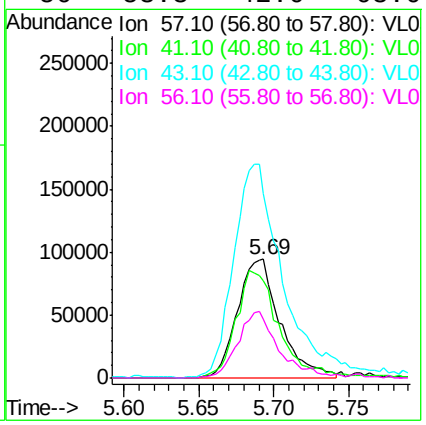


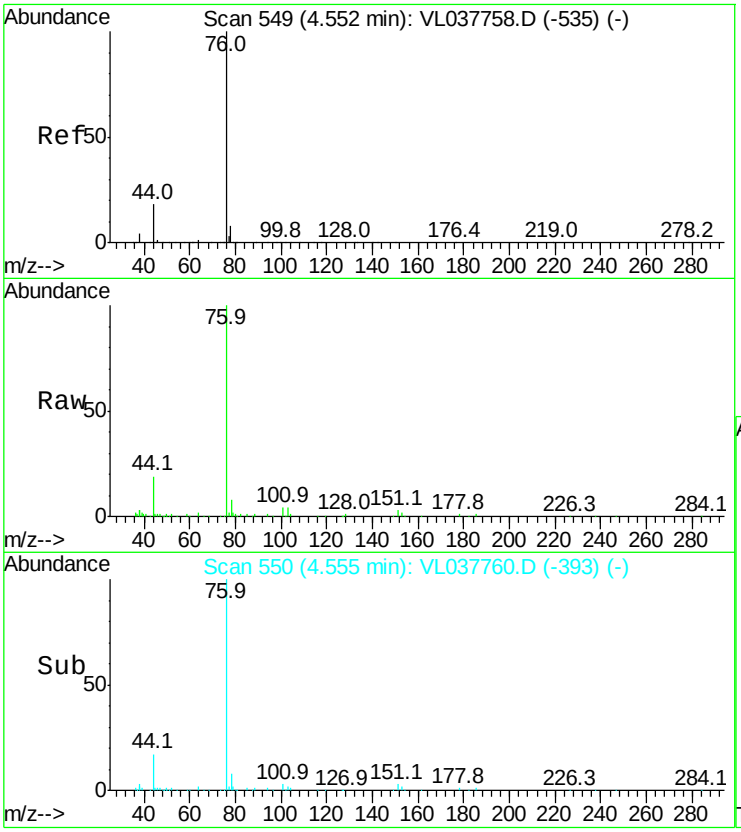


#26
Hexane
Concen: 1.086 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 57 Resp: 187942

Ion	Ratio	Lower	Upper
57	100		
41	93.5	69.6	104.4
43	208.2	171.4	257.0
56	53.3	42.0	63.0



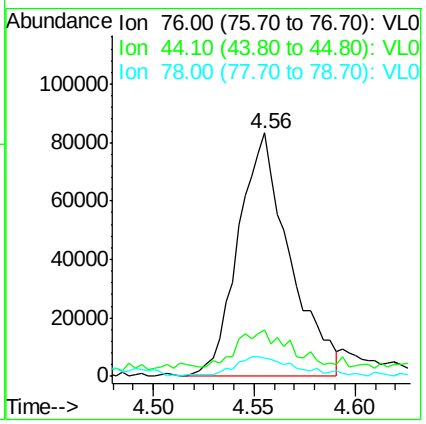


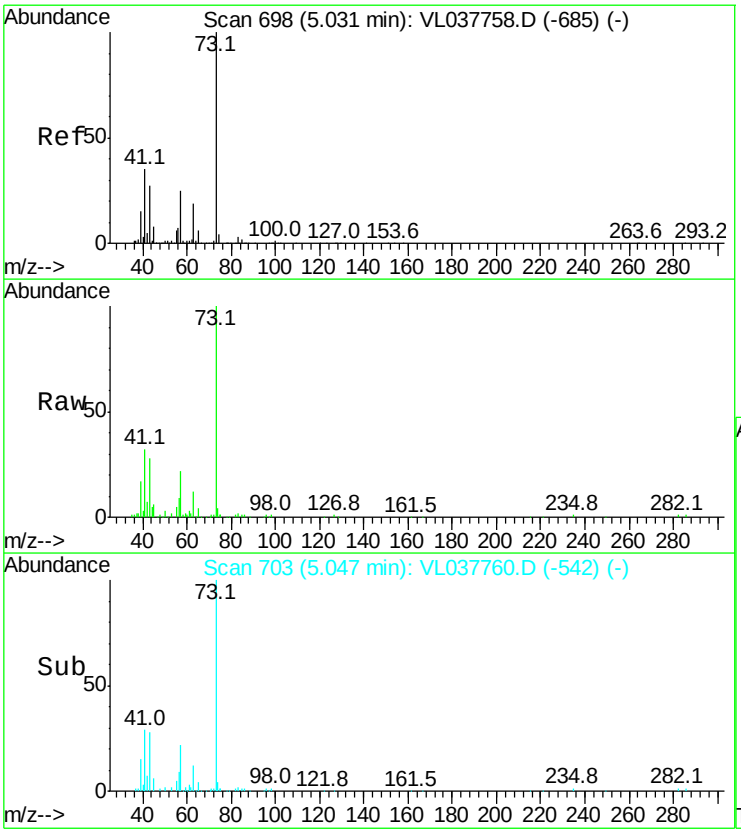
#27
Carbon Disulfide
Concen: 0.934 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 147981

Ion	Ratio	Lower	Upper
76	100		
44	23.5	14.3	21.5#
78	11.3	7.8	11.6

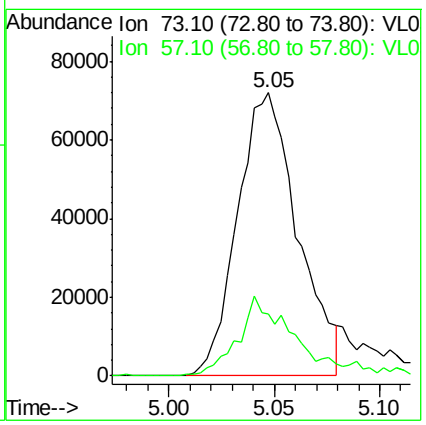


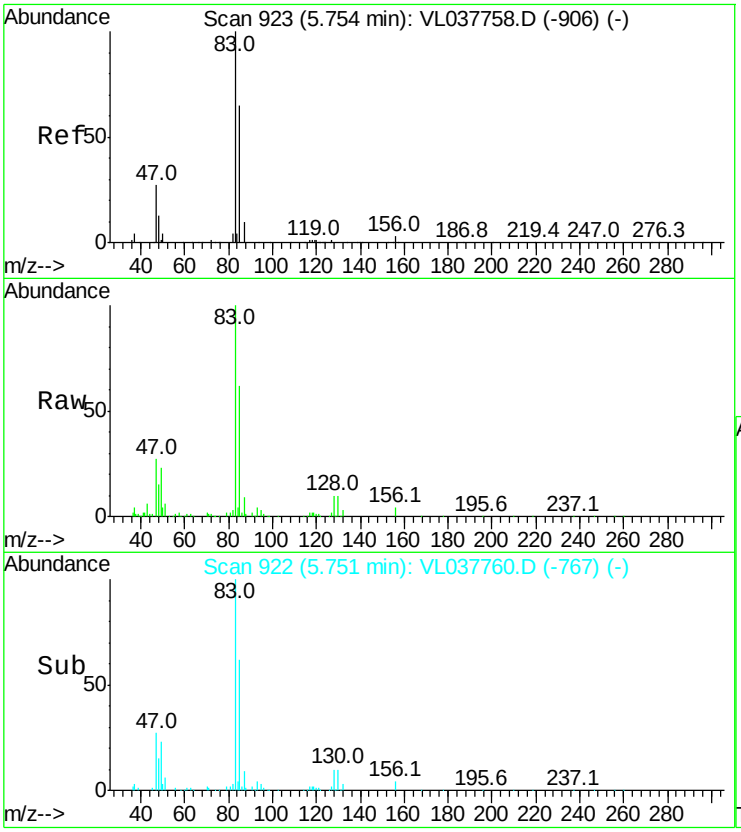


#28
Methyl tert-Butyl Ether
Concen: 0.937 ppbv
RT: 5.05 min Scan# 703
Delta R.T. 0.02 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 73 Resp: 142824

Ion	Ratio	Lower	Upper
73	100		
57	28.0	20.4	30.6



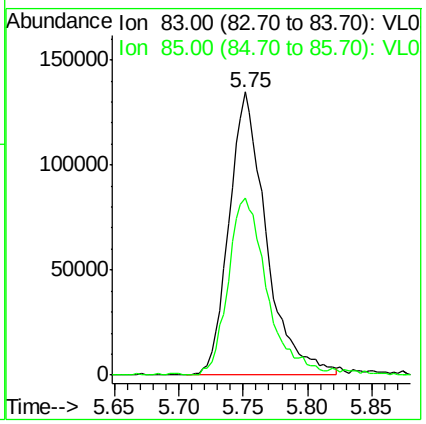


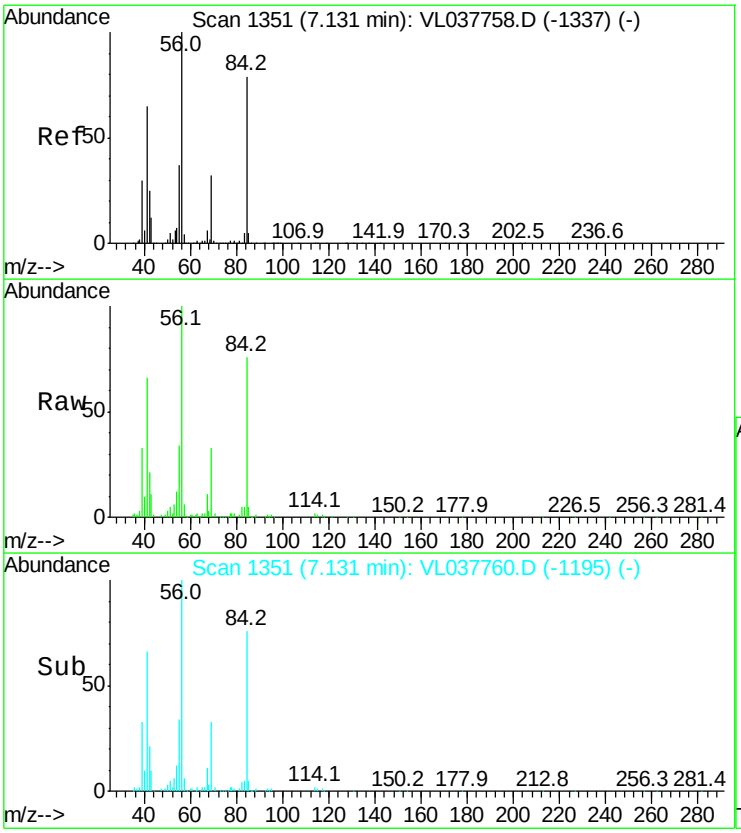
#29
Chloroform
Concen: 1.068 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 270095

Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.8	77.8

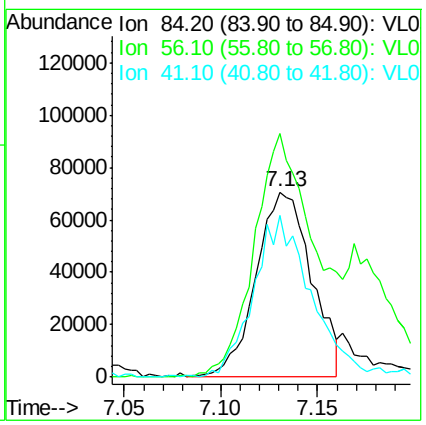


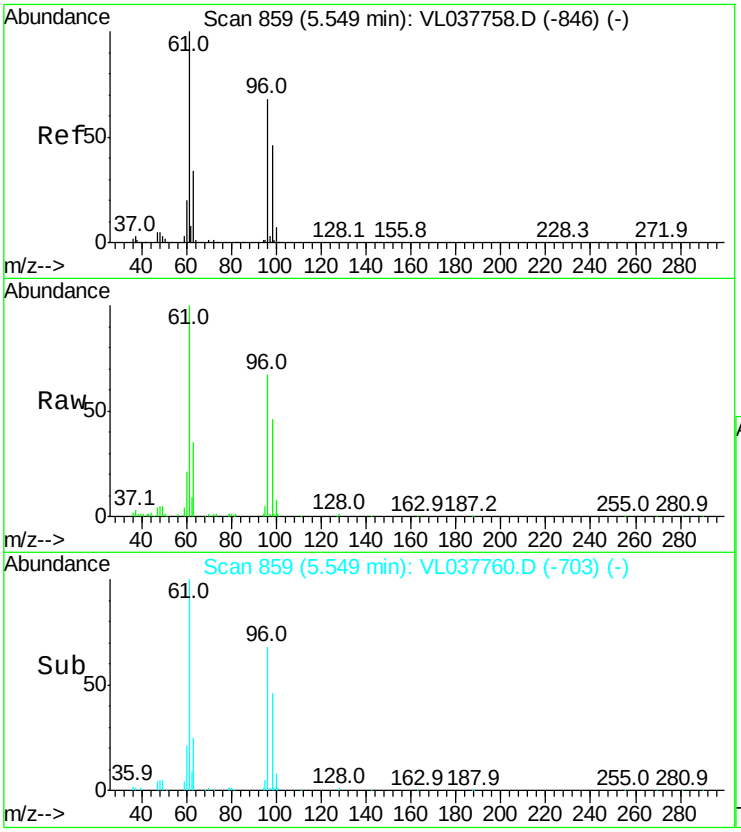


#30
Cyclohexane
Concen: 0.951 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 84 Resp: 140824

Ion	Ratio	Lower	Upper
84	100		
56	204.2	113.0	169.4#
41	94.0	69.1	103.7



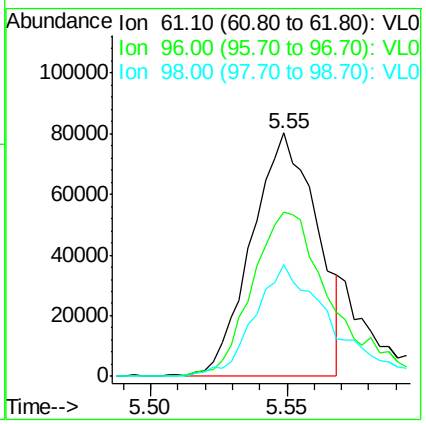


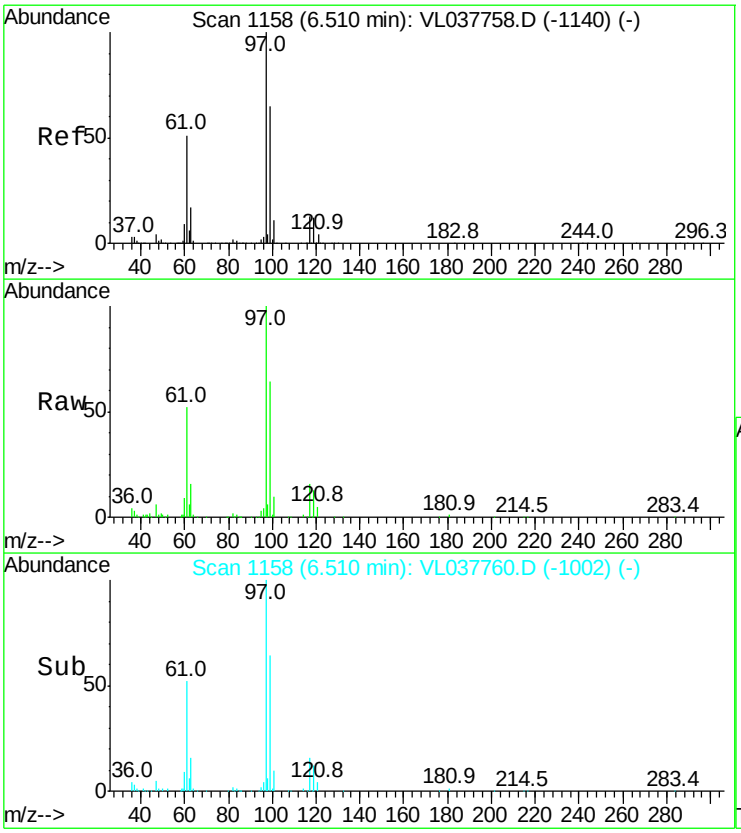
#31
cis-1,2-Dichloroethene
Concen: 0.842 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 132350

Ion	Ratio	Lower	Upper
61	100		
96	66.8	54.2	81.2
98	46.3	36.6	54.8

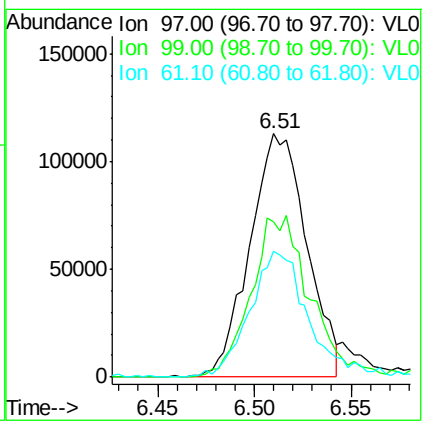


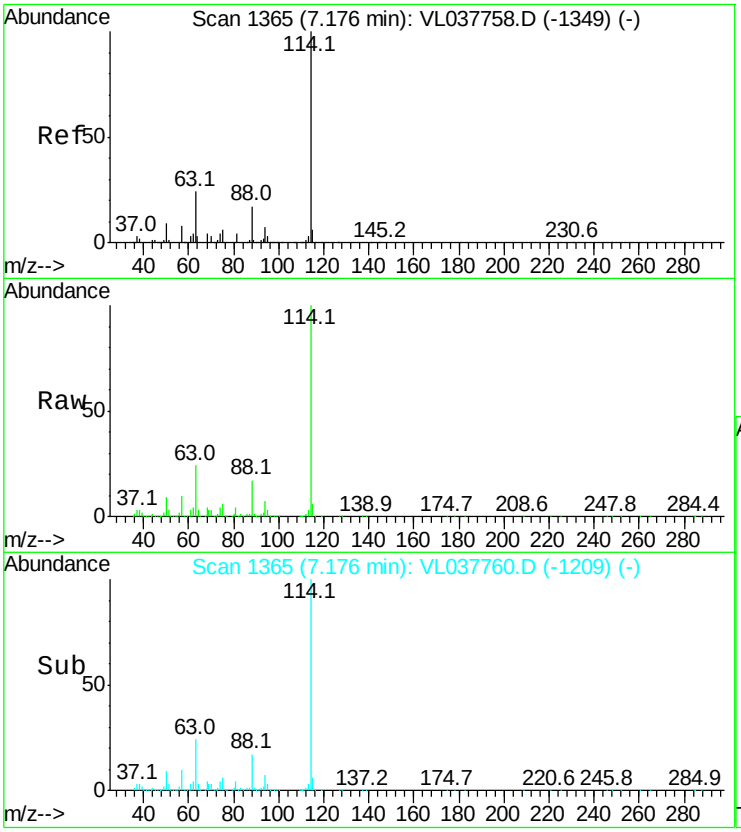


#32
1,1,1-Trichloroethane
Concen: 0.984 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 97 Resp: 231510

Ion	Ratio	Lower	Upper
97	100		
99	70.5	52.6	78.8
61	54.4	40.2	60.4



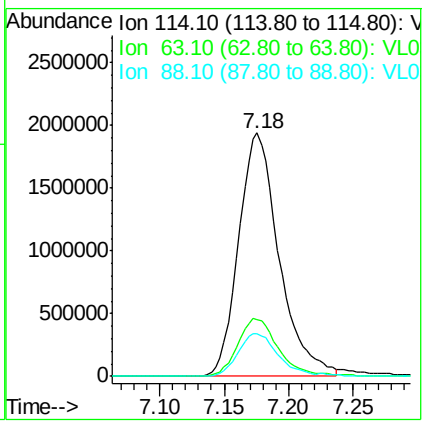


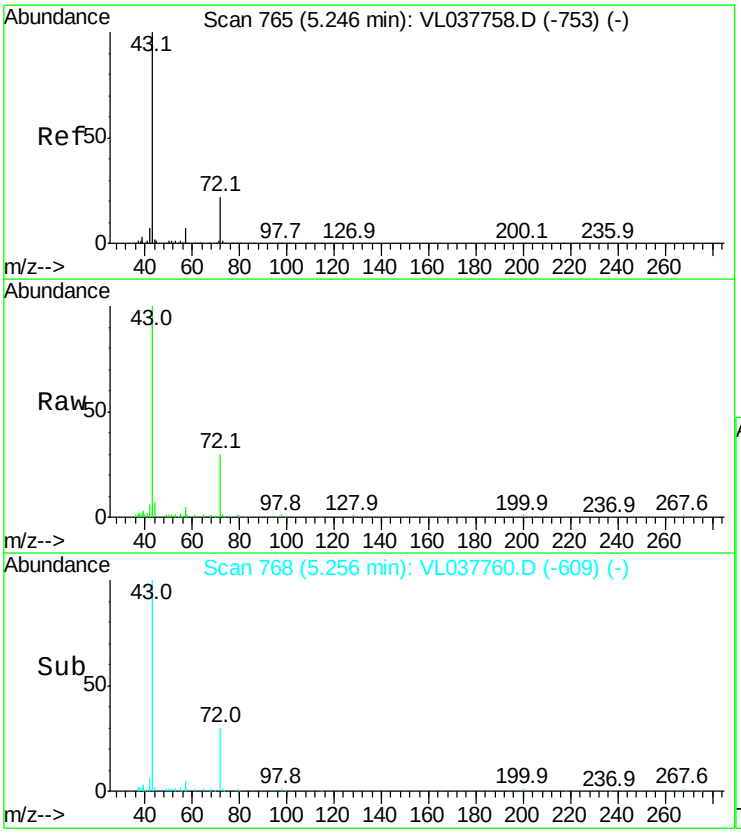
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 4247246

Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.4	29.2
88	18.2	14.4	21.6

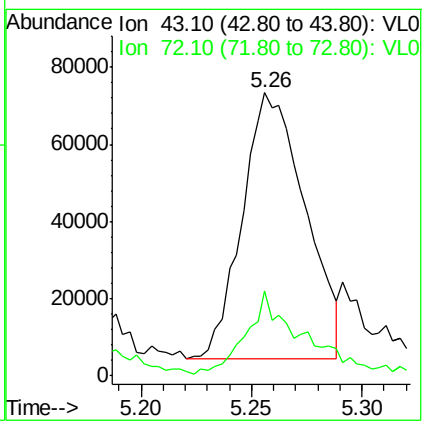


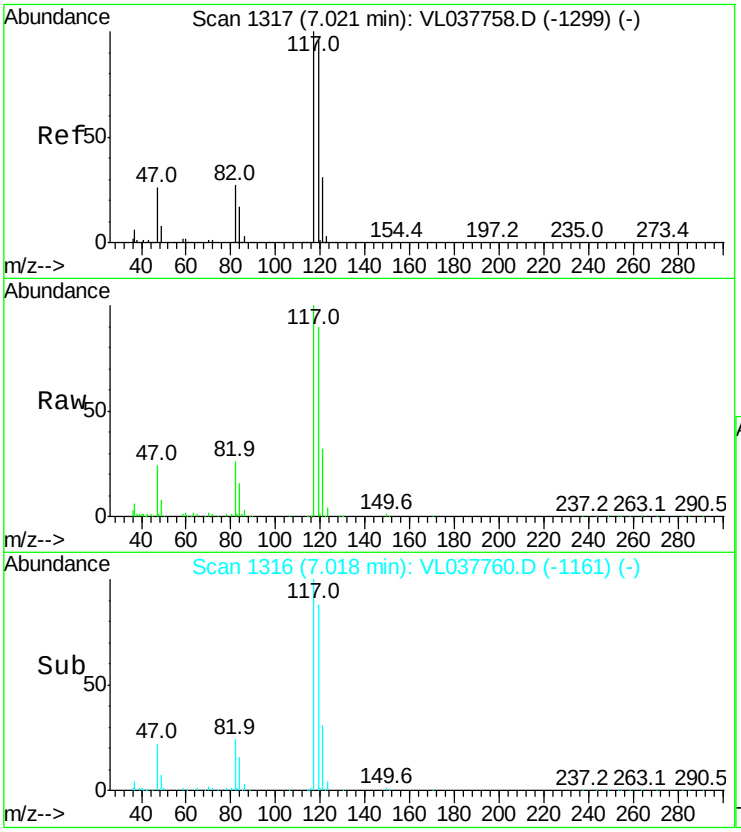


#34
2-Butanone
Concen: 0.790 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.01 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 43 Resp: 136272

Ion	Ratio	Lower	Upper
43	100		
72	29.2	18.2	27.2#



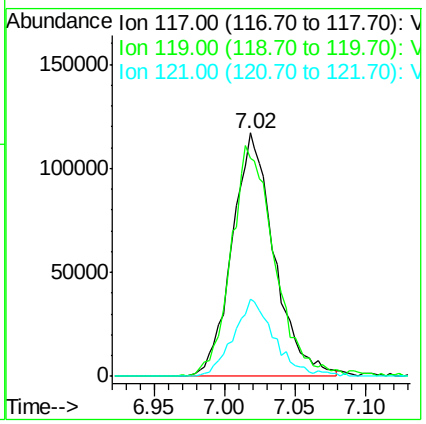


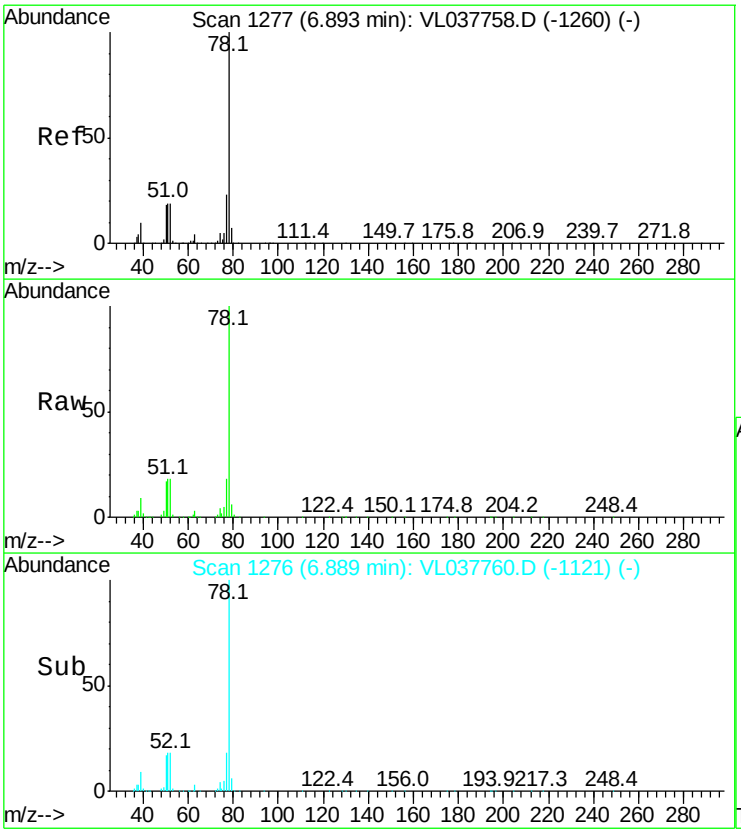
#35
Carbon Tetrachloride
Concen: 1.017 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 244239

Ion	Ratio	Lower	Upper
117	100		
119	89.5	76.5	114.7
121	31.7	24.9	37.3

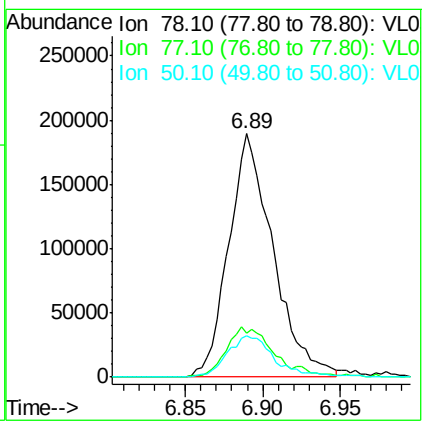


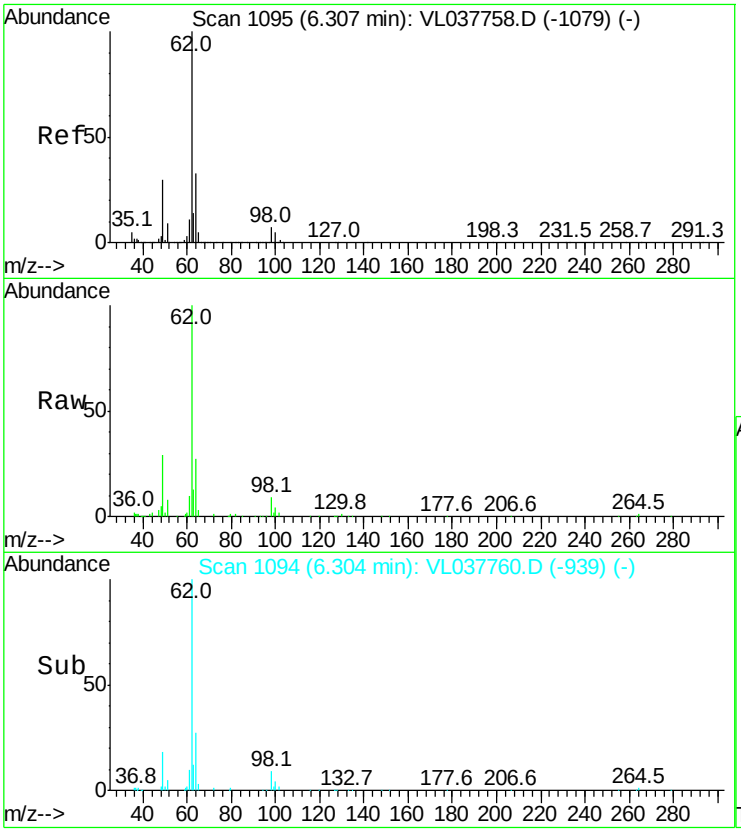


#36
Benzene
Concen: 1.061 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 78 Resp: 375941

Ion	Ratio	Lower	Upper
78	100		
77	18.1	18.8	28.2#
50	16.9	14.7	22.1



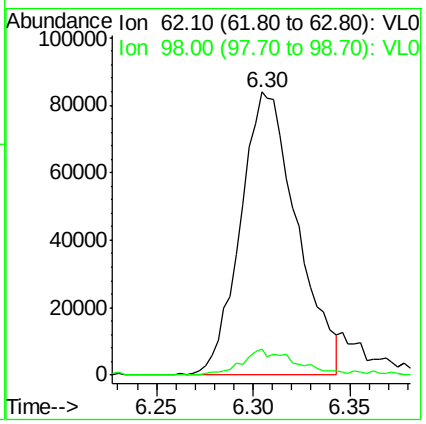


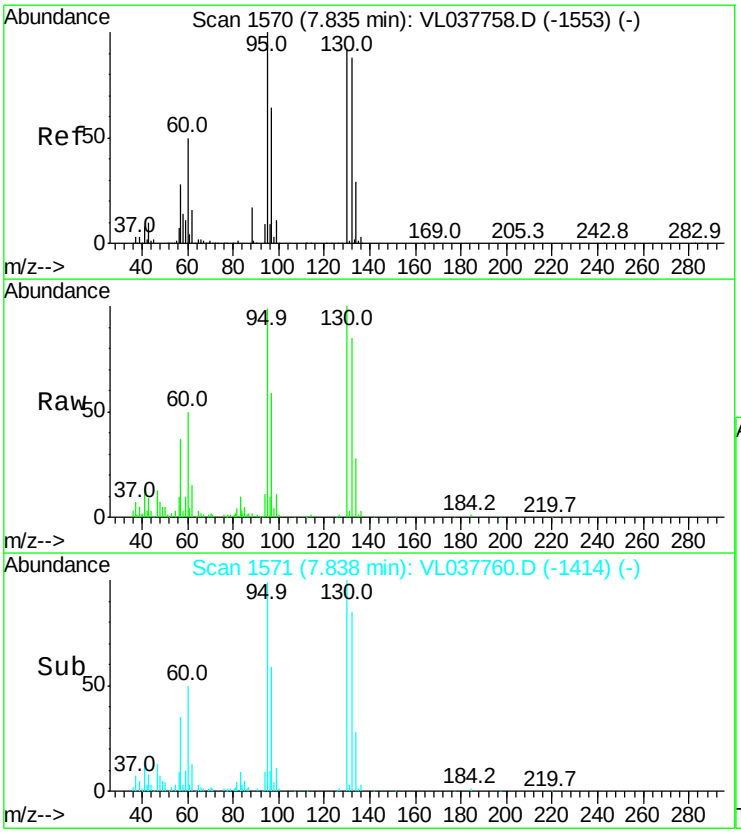
#37
1,2-Dichloroethane
Concen: 0.983 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 171177

Ion	Ratio	Lower	Upper
62	100		
98	9.4	6.1	9.1#

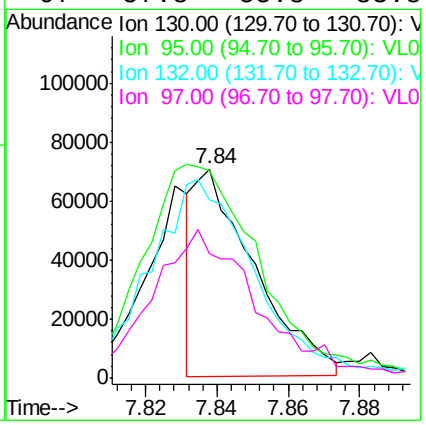


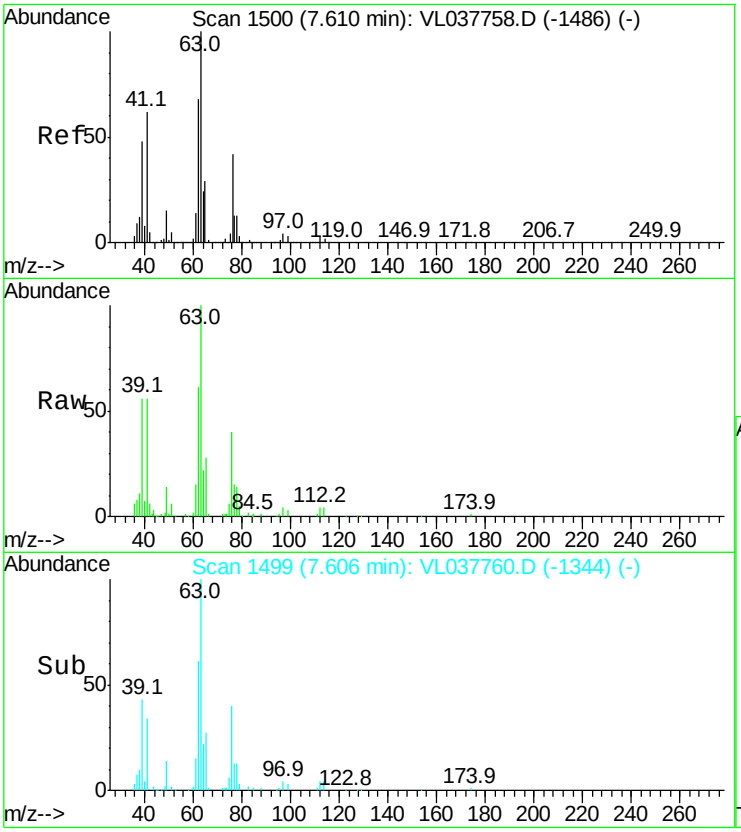


#38
Trichloroethene
Concen: 0.557 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion:130 Resp: 82423

Ion	Ratio	Lower	Upper
130	100		
95	95.2	87.4	131.0
132	80.6	76.8	115.2
97	57.8	55.8	83.8



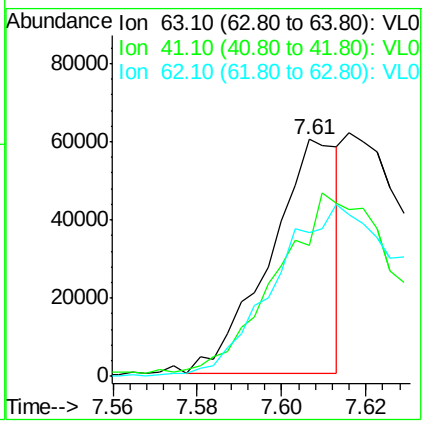


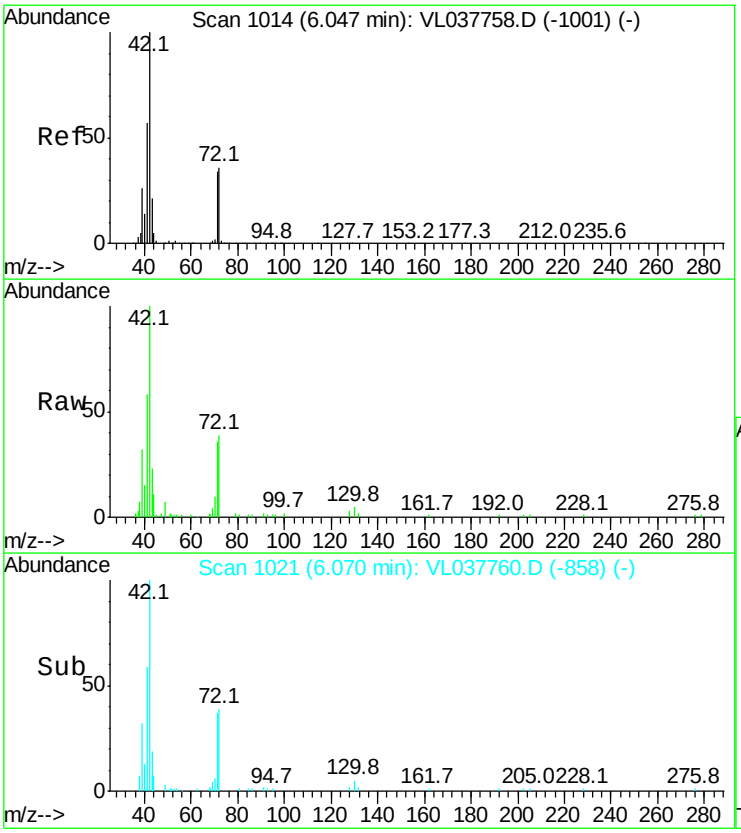
#39
1,2-Dichloropropane
Concen: 0.491 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 66670

Ion	Ratio	Lower	Upper
63	100		
41	53.2	49.8	74.6
62	60.4	54.6	82.0

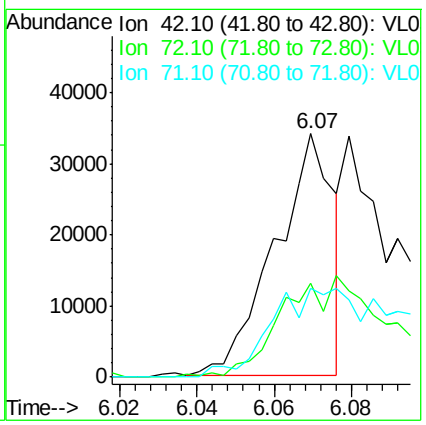


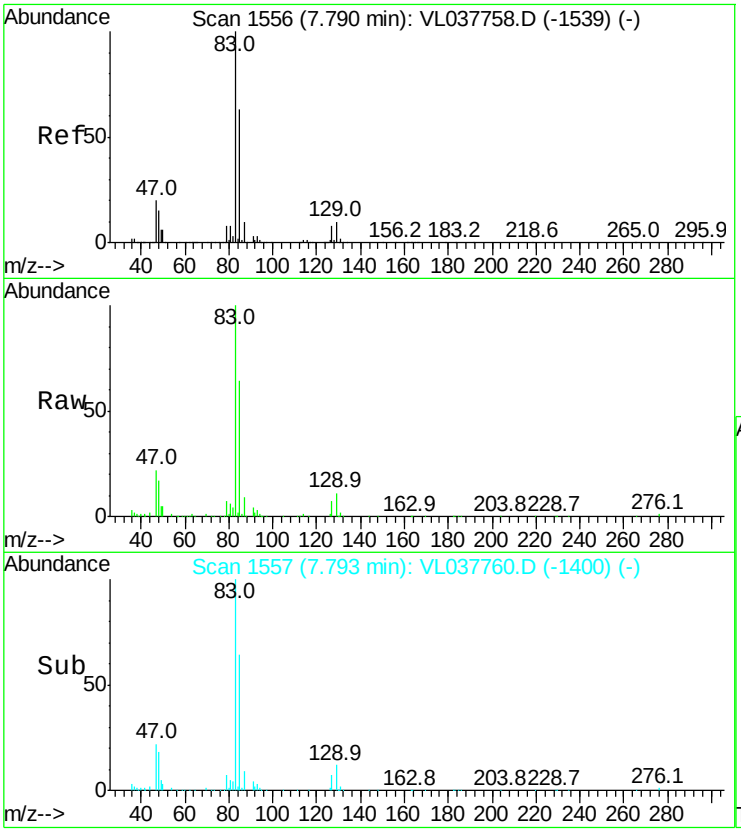


#41
Tetrahydrofuran
Concen: 0.437 ppbv
RT: 6.07 min Scan# 1021
Delta R.T. 0.02 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 42 Resp: 35420

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	0.0	30.3	45.5#



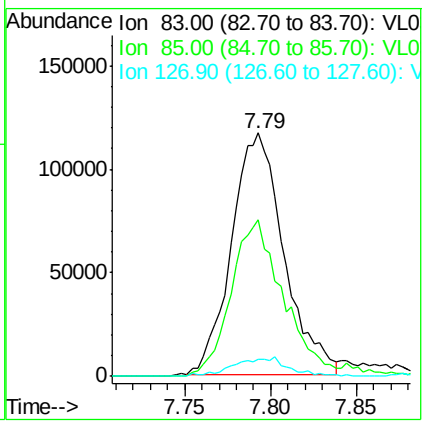


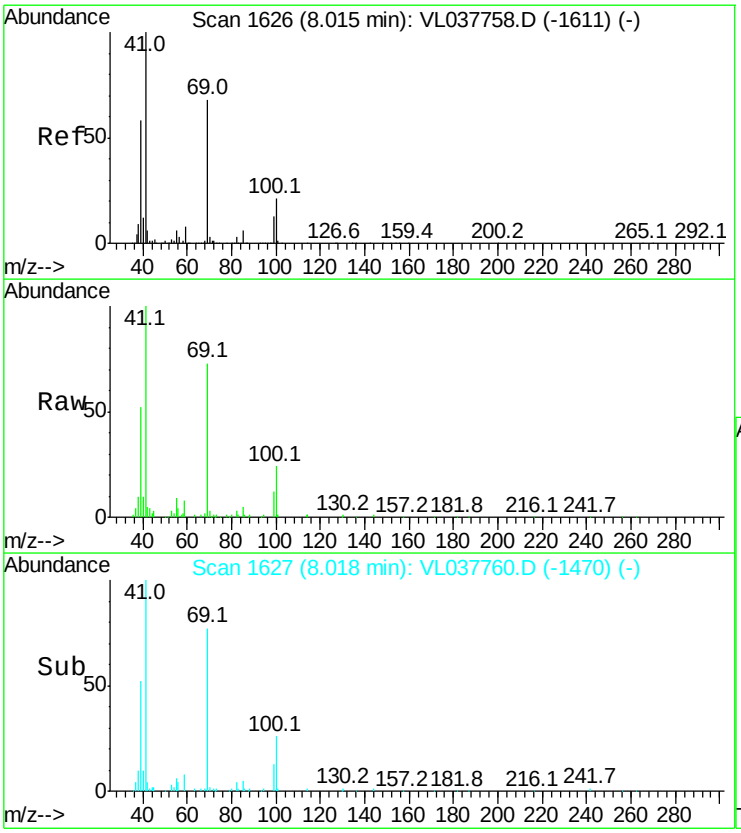
#42
Bromodichloromethane
Concen: 0.996 ppbv
RT: 7.79
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 248709

Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.6	75.8
127	6.6	6.2	9.4

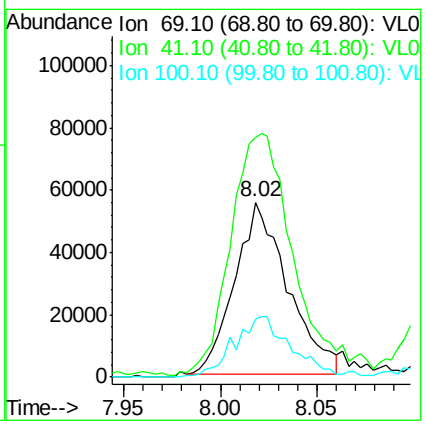


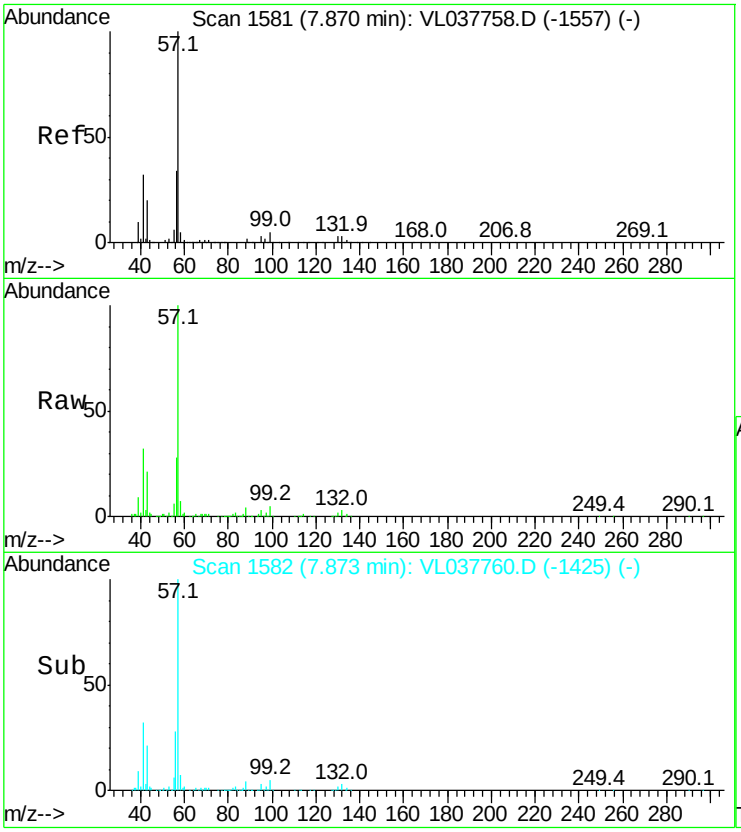


#43
Methyl Methacrylate
Concen: 0.907 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 69 Resp: 106808

Ion	Ratio	Lower	Upper
69	100		
41	166.0	121.0	181.4
100	37.5	27.7	41.5



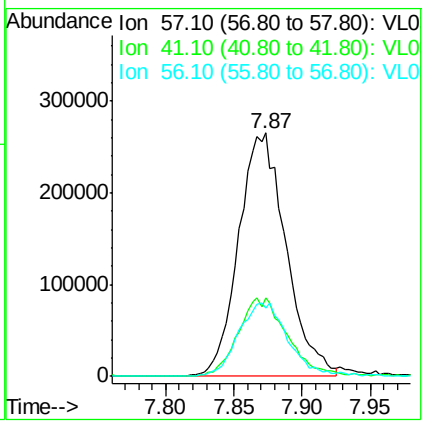


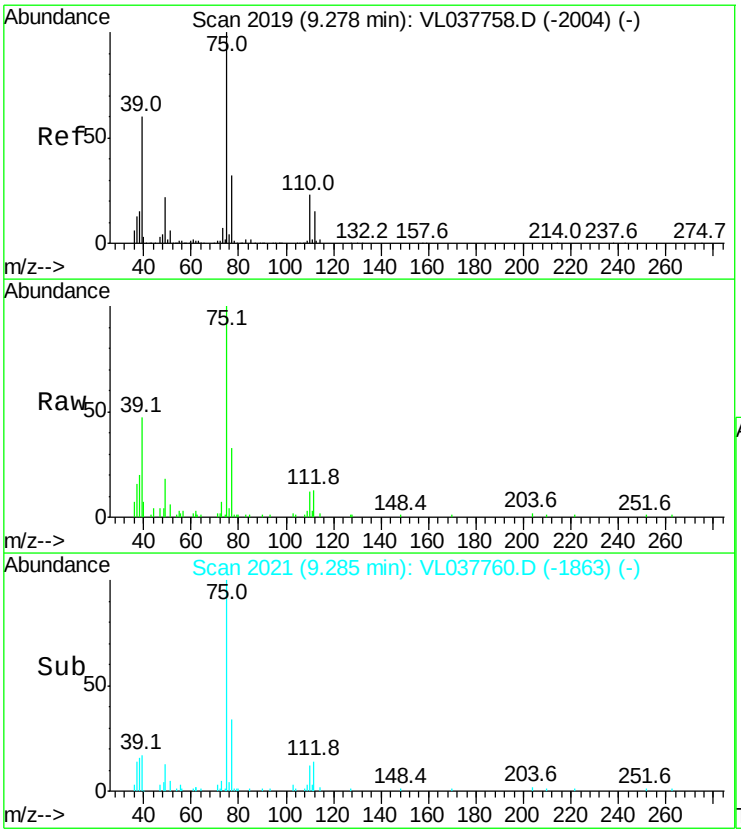
#44
2,2,4-Trimethylpentane
Concen: 1.071 ppbv
RT: 7.87
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 57 Resp: 637625

Ion	Ratio	Lower	Upper
57	100		
41	33.6	25.6	38.4
56	32.3	25.5	38.3

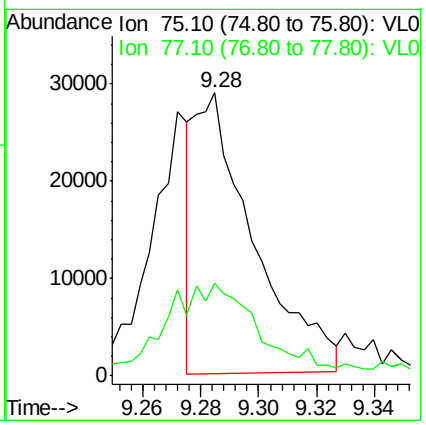


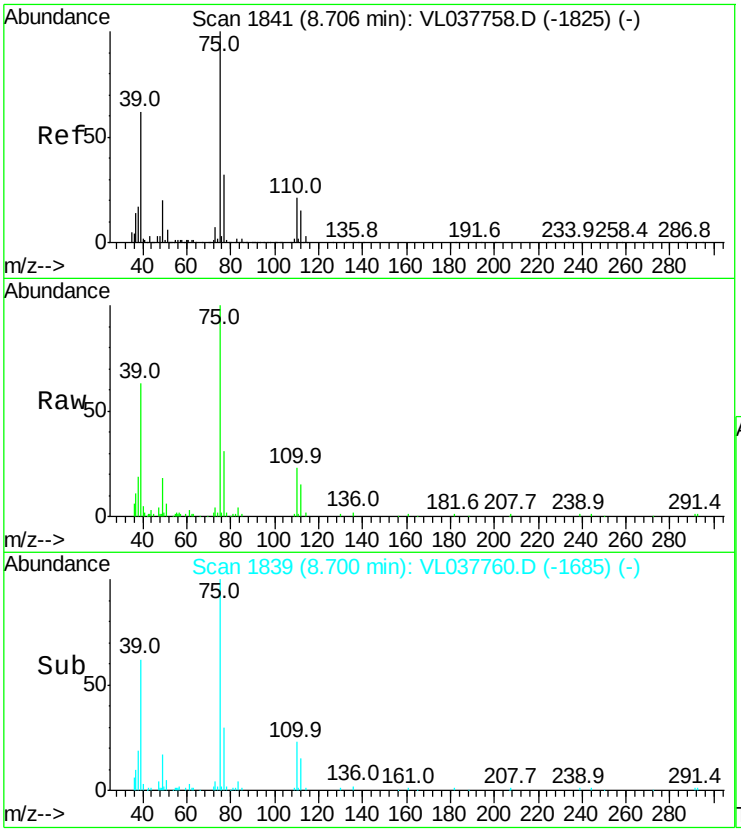


#45
t-1,3-Dichloropropene
Concen: 0.440 ppbv
RT: 9.28 min Scan# 2021
Delta R.T. 0.01 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 75 Resp: 40682

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.2	37.8



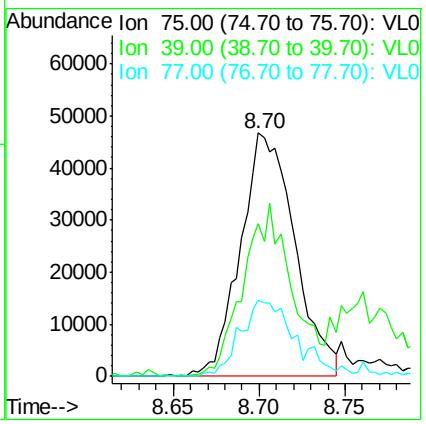


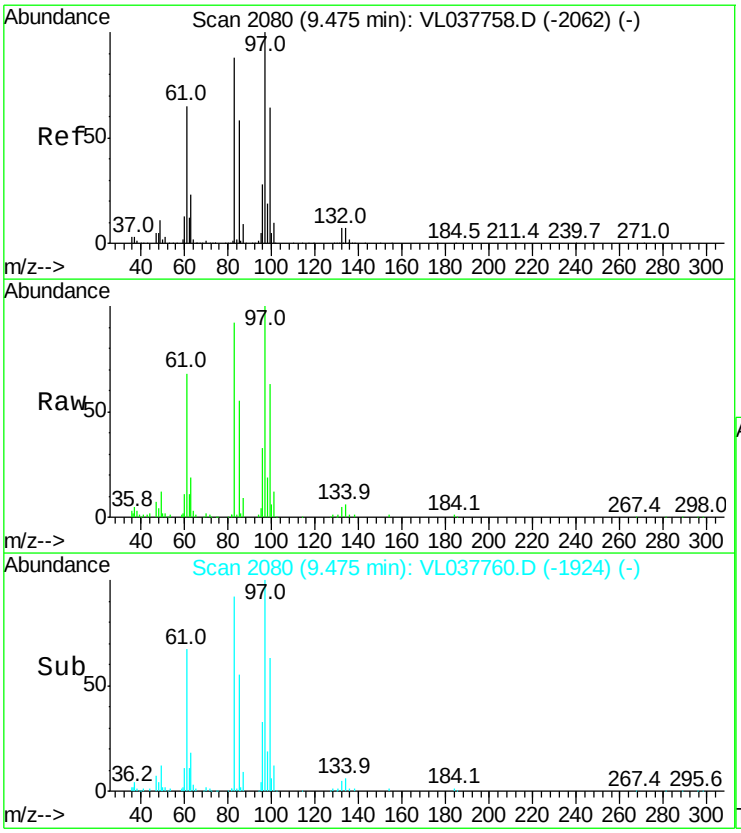
#46
cis-1,3-Dichloropropene
Concen: 0.820 ppbv
RT: 8.70
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 102511

Ion	Ratio	Lower	Upper
75	100		
39	62.9	49.9	74.9
77	31.1	25.9	38.9

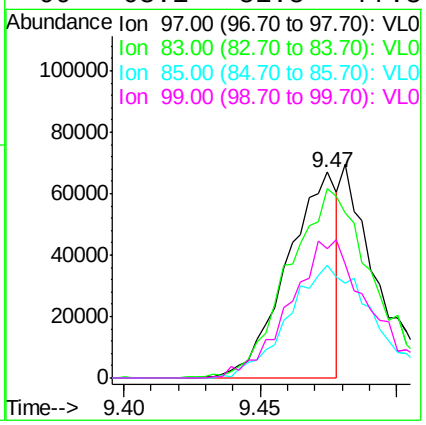


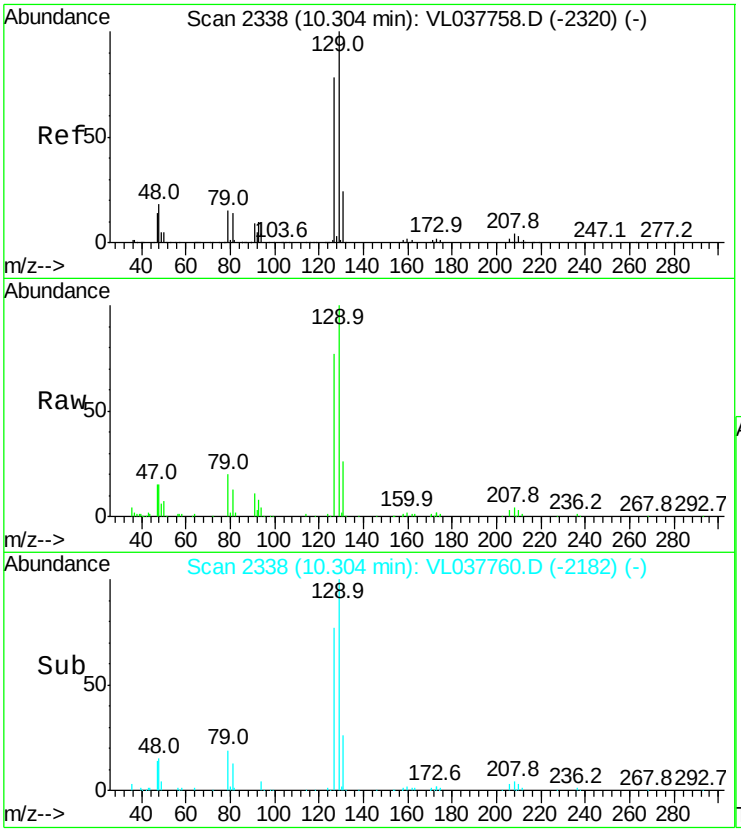


#47
1,1,2-Trichloroethane
Concen: 0.566 ppbv
RT: 9.47 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 97 Resp: 84913

Ion	Ratio	Lower	Upper
97	100		
83	91.5	70.6	105.8
85	54.4	45.9	68.9
99	63.1	51.5	77.3



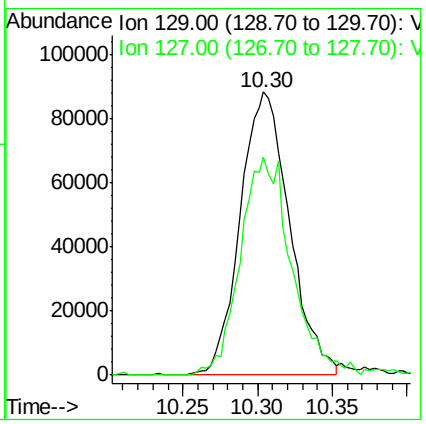


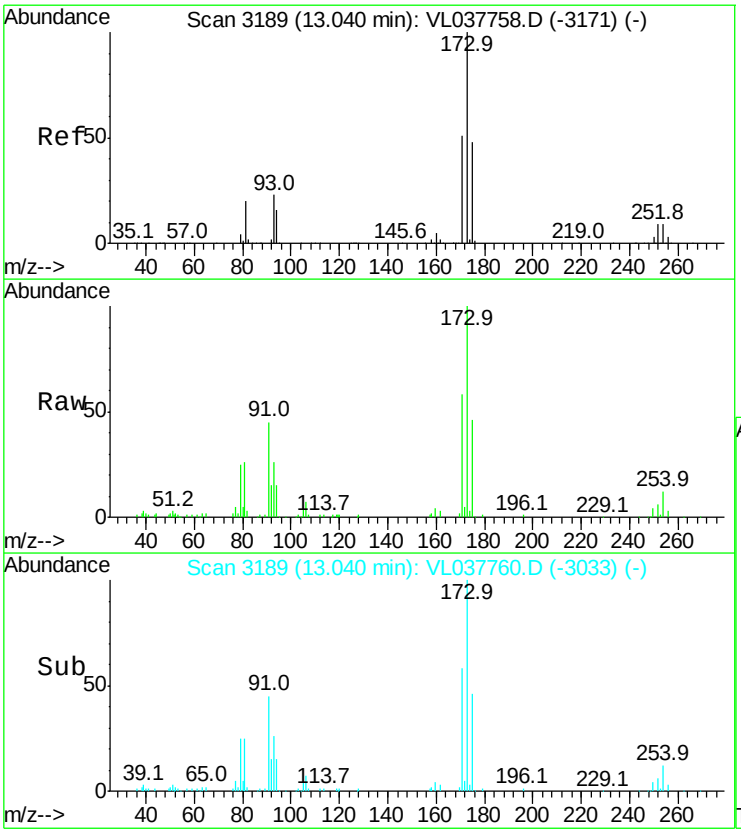
#48
Dibromochloromethane
Concen: 0.967 ppbv
RT: 10.30
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:129 Resp: 202386

Ion	Ratio	Lower	Upper
129	100		
127	81.9	39.5	118.5

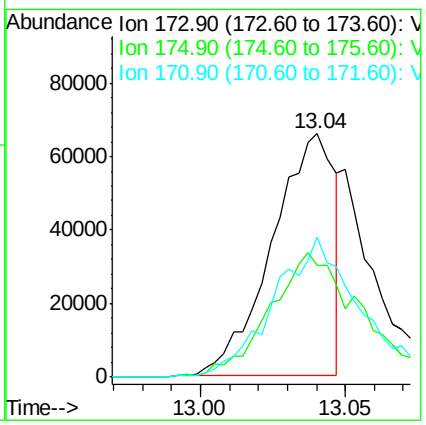


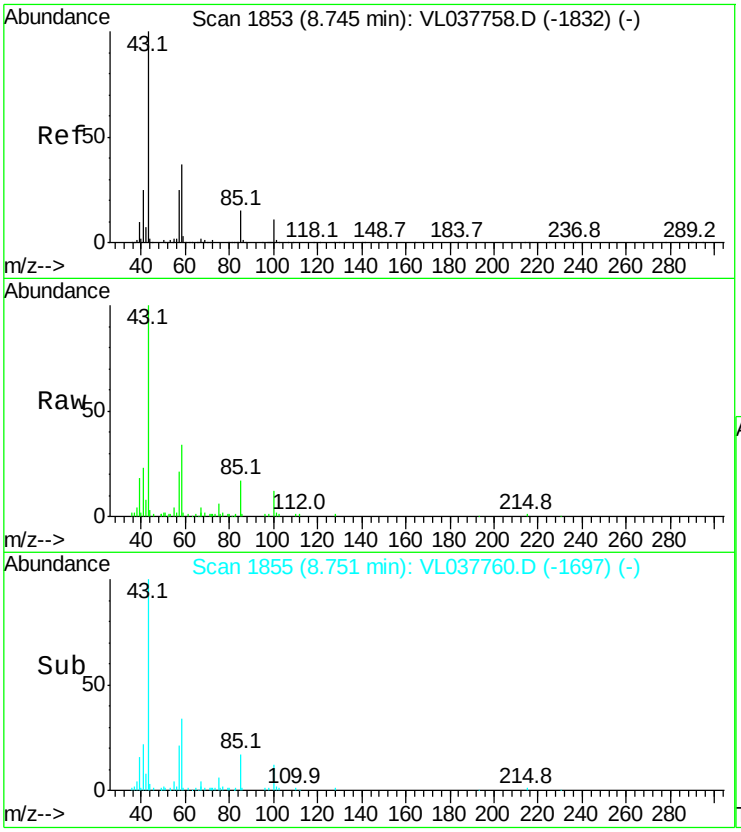


#49
Bromoform
Concen: 0.585 ppbv
RT: 13.04 min Scan# 3189
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion:173 Resp: 98008

Ion	Ratio	Lower	Upper
173	100		
175	76.4	39.9	59.9#
171	86.0	43.4	65.2#



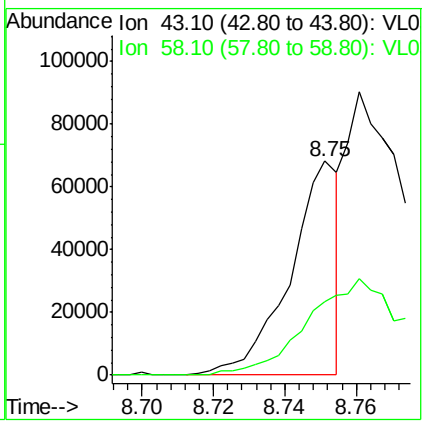


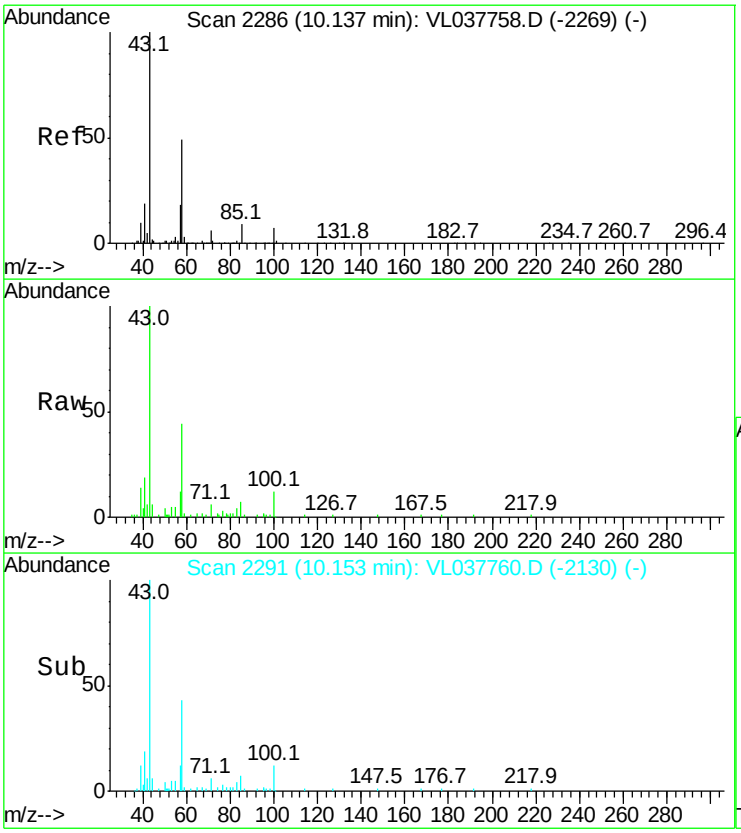
#50
4-Methyl-2-Pentanone
Concen: 0.294 ppbv
RT: 8.75
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 64411

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.0#

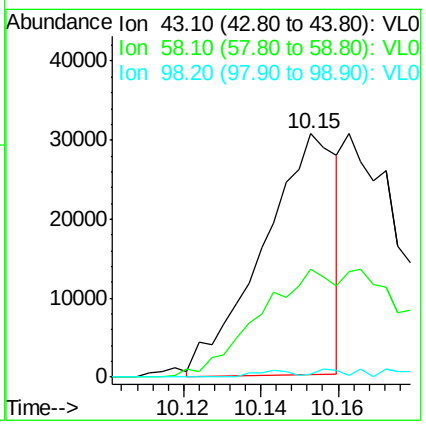


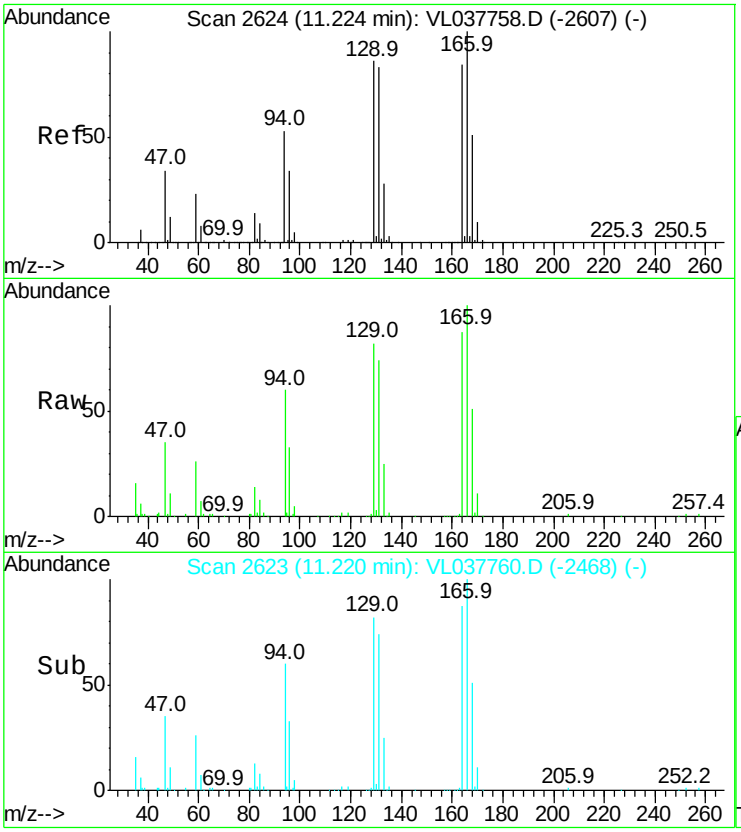


#51
2-Hexanone
Concen: 0.415 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. 0.02 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 43 Resp: 40120

Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.4	59.0#
98	0.0	0.3	0.5#



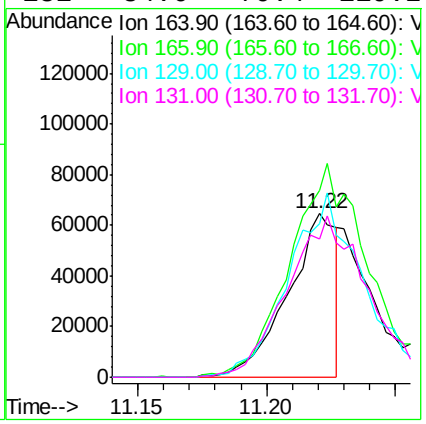


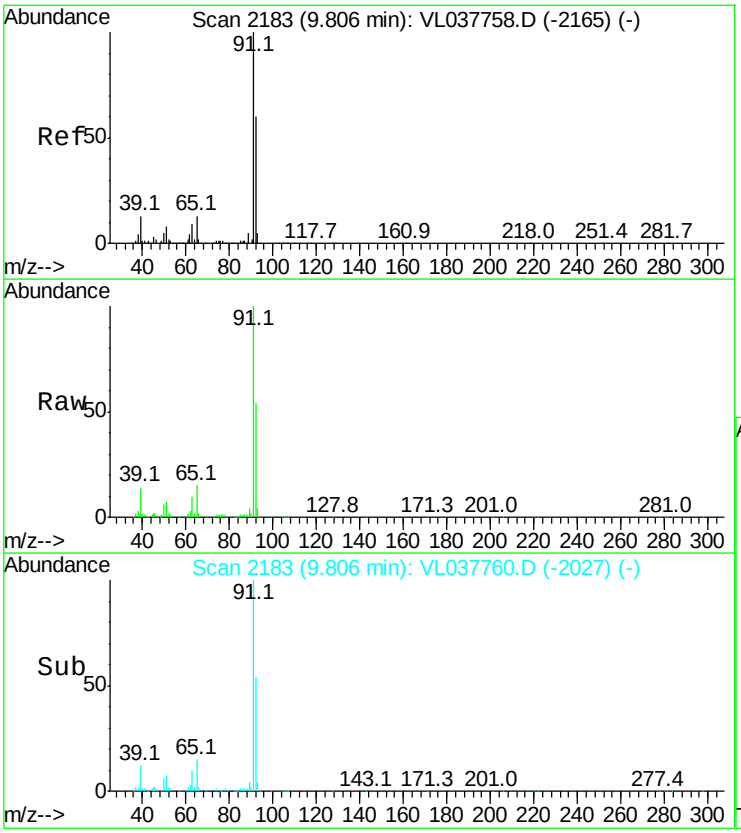
#52
Tetrachloroethene
Concen: 0.618 ppbv
RT: 11.22
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:164 Resp: 84022

Ion	Ratio	Lower	Upper
164	100		
166	114.6	95.4	143.2
129	93.9	82.2	123.4
131	84.6	79.4	119.2

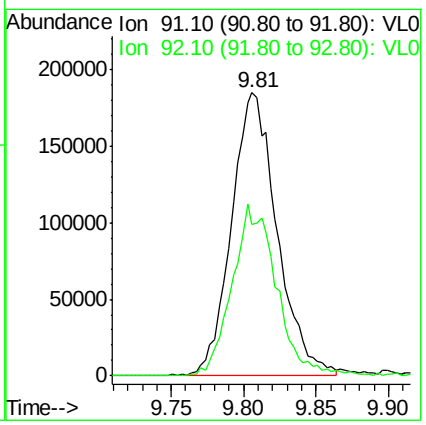


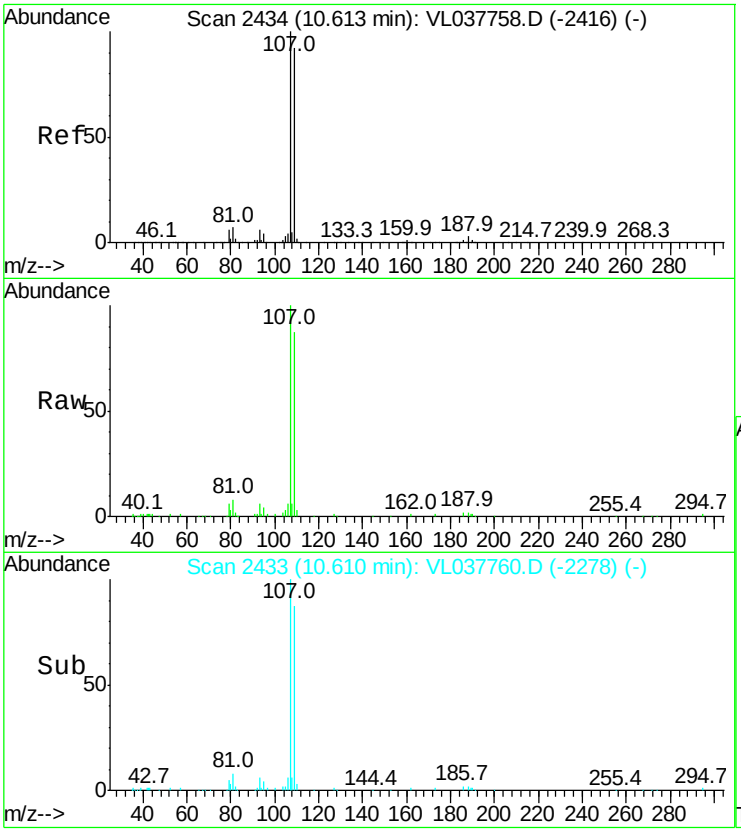


#53
Toluene
Concen: 1.017 ppbv
RT: 9.81 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion: 91 Resp: 400359

Ion	Ratio	Lower	Upper
91	100		
92	59.7	48.4	72.6



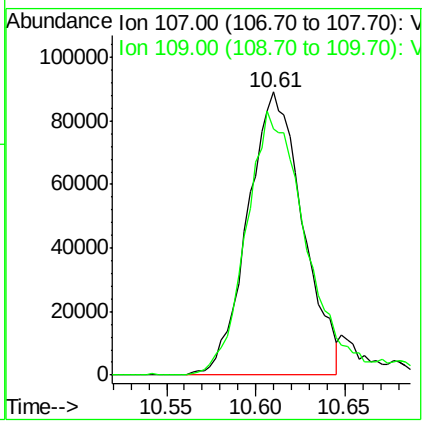


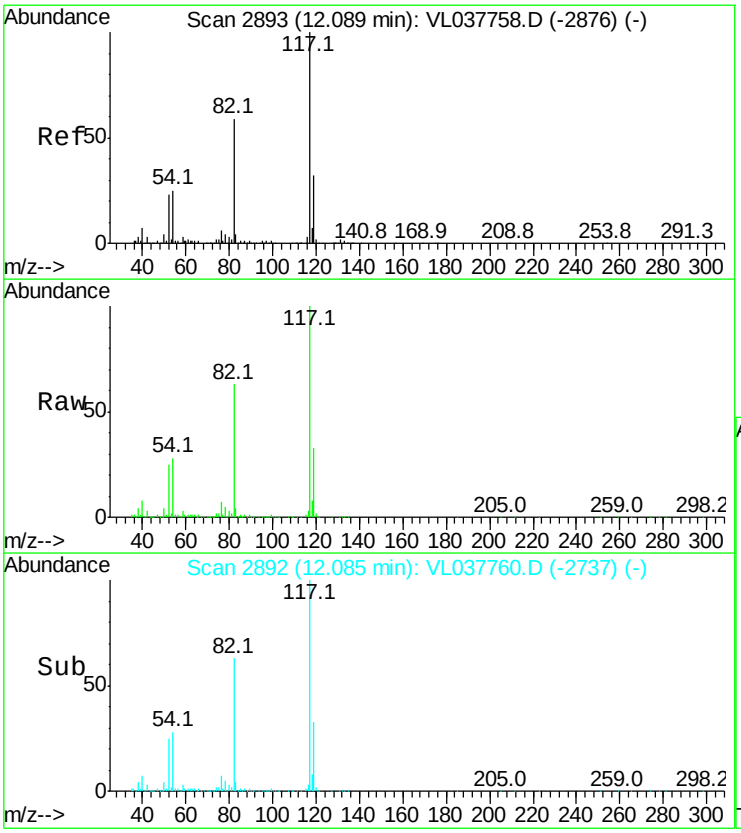
#54
1,2-Dibromoethane
Concen: 0.934 ppbv
RT: 10.61
Delta R.T
Lab File:
Acq: 4 Oct 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 191961

Ion	Ratio	Lower	Upper
107	100		
109	86.8	73.8	110.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL037760.D
Acq: 4 Oct 2021 12:55

Tgt Ion:117 Resp: 3803191

Ion	Ratio	Lower	Upper
117	100		
82	61.6	52.2	78.2
119	35.5	26.0	39.0