Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050922\
Data File : VL039019.D
Acq On : 10 May 2022 14:00
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: May 11 01:45:58 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1007343	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2881504	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	3266304	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	1979005	7.65	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 76.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	1906550	12.079	ppbv	96
3) Chlorodifluoromethane	2.98	51	1179046	9.432	ppbv	94
4) Chloromethane	3.13	50	624260	9.973	ppbv	98
5) Vinyl Chloride	3.25	62	589112	10.306	ppbv	97
6) Bromomethane	3.47	94	265741	9.841	ppbv	95
7) Chloroethane	3.54	64	190638	9.964	ppbv	96
8) Dichlorotetrafluoroethane	3.18	85	1364454	9.539	ppbv	94
9) Propene	3.00	41	593416	10.871	ppbv	97
10) Heptane	8.10	43	1490414	11.129	ppbv	99
11) Trichlorofluoromethane	3.94	101	1276761	9.428	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	928040	9.948	ppbv	94
13) Ethanol	3.59	45	17238	4.462	ppbv #	50
14) Bromoethene	3.73	108	421508	10.957	ppbv	94
15) Acetone	3.83	43	926914	9.755	ppbv	98
16) 1,3-Butadiene	3.32	39	570047	10.442	ppbv	99
17) tert-Butyl alcohol	4.27	59	747129	10.230	ppbv	98
18) 1,1-Dichloroethene	4.28	96	410914	10.235	ppbv	96
19) Isopropyl Alcohol	3.95	45	437986	9.694	ppbv #	1
20) Methylene Chloride	4.33	84	328138	9.162	ppbv	98
21) Allyl Chloride	4.40	41	703488	10.865	ppbv	97
22) trans-1,2-Dichloroethene	4.87	96	441858	10.189	ppbv	98
23) Vinyl Acetate	5.05	43	940449	12.508	ppbv	97
24) 1,1-Dichloroethane	4.99	63	874702	10.103	ppbv	100
25) Ethyl Acetate	5.65	43	2483813	10.921	ppbv	99
26) Hexane	5.67	57	1088052	10.767	ppbv	96
27) Carbon Disulfide	4.53	76	1024966	10.677	ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	886914	11.536	ppbv	100
29) Chloroform	5.73	83	1643412	10.052	ppbv	99
30) Cyclohexane	7.11	84	960936	11.358	ppbv	92
31) cis-1,2-Dichloroethene	5.53	61	1079659	10.487	ppbv	88
32) 1,1,1-Trichloroethane	6.49	97	1610511	9.852	ppbv	97
34) 2-Butanone	5.22	43	1503999	10.231	ppbv	99
35) Carbon Tetrachloride	7.00	117	1618261	8.523	ppbv	98
36) Benzene	6.87	78	2333947	9.465	ppbv	98
37) 1,2-Dichloroethane	6.29	62	1177292	7.716	ppbv #	96
38) Trichloroethene	7.81	130	1011000	9.222	ppbv	96
39) 1,2-Dichloropropane	7.59	63	894868	9.326	ppbv	97
40) 1,4-Dioxane	7.80	88	302332	8.773	ppbv #	1
41) Tetrahydrofuran	6.02	42	957642	9.693	ppbv	100
42) Bromodichloromethane	7.76	83	1760532	8.440	ppbv	98
43) Methyl Methacrylate	7.98	69	964741	9.637	ppbv	95

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050922\
Data File : VL039019.D
Acq On : 10 May 2022 14:00
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: May 11 01:45:58 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.84	57	3838755	8.872	ppbv		97
45) t-1,3-Dichloropropene	9.25	75	1005940	10.381	ppbv		98
46) cis-1,3-Dichloropropene	8.67	75	1280093	9.961	ppbv		94
47) 1,1,2-Trichloroethane	9.45	97	929581	9.315	ppbv		98
48) Dibromochloromethane	10.28	129	1498985	9.229	ppbv		99
49) Bromoform	13.01	173	1166998	9.421	ppbv		98
50) 4-Methyl-2-Pentanone	8.71	43	2332599	9.049	ppbv		96
51) 2-Hexanone	10.10	43	1877196	9.978	ppbv	#	98
52) Tetrachloroethene	11.19	164	807854	9.168	ppbv		96
53) Toluene	9.77	91	2726504	9.865	ppbv		100
54) 1,2-Dibromoethane	10.58	107	1320218	9.718	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.09	131	1062467	7.414	ppbv		98
57) Chlorobenzene	12.11	112	1936810	7.911	ppbv		94
58) Ethyl Benzene	12.68	91	3599131	7.657	ppbv		99
59) m/p-Xylene	12.96	91	3143643	7.834	ppbv	#	37
60) o-Xylene	13.66	91	2776447	7.351	ppbv		99
61) Styrene	13.49	104	1750479	8.681	ppbv		93
62) Isopropylbenzene	14.63	105	4056470	7.344	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.64	83	1532654	6.891	ppbv		100
64) n-propylbenzene	15.53	120	1050222	7.865	ppbv		89
65) tert-Butylbenzene	16.71	119	3451228	7.131	ppbv		94
66) Benzyl Chloride	16.95	91	541393	8.558	ppbv		95
67) sec-Butylbenzene	17.26	105	5045283	7.297	ppbv		100
69) p-Isopropyltoluene	17.62	119	4223586	7.561	ppbv		97
70) n-Butylbenzene	18.52	91	4504398	7.591	ppbv		98
71) 2-Chlorotoluene	15.42	91	3092405	7.263	ppbv		98
72) 4-Ethyltoluene	15.80	105	3354520	7.794	ppbv		97
73) 1,3,5-Trimethylbenzene	15.96	105	2967217	7.658	ppbv		98
74) 1,2,4-Trimethylbenzene	16.73	105	3121605	7.358	ppbv		97
75) 1,3-Dichlorobenzene	16.96	146	1812147	7.796	ppbv		99
76) 1,4-Dichlorobenzene	17.10	146	1791463	7.834	ppbv		98
77) 1,2-Dichlorobenzene	17.78	146	1812489	7.884	ppbv		99
78) Hexachloro-1,3-Butadiene	23.34	225	1644710	7.784	ppbv		100
79) Naphthalene	22.15	128	3535078	10.258	ppbv		99
80) Naphthalene,2-methyl-	24.94	142	726500	6.969	ppbv		96
81) 1,2,4-Trichlorobenzene	21.88	180	1812052	8.973	ppbv		99

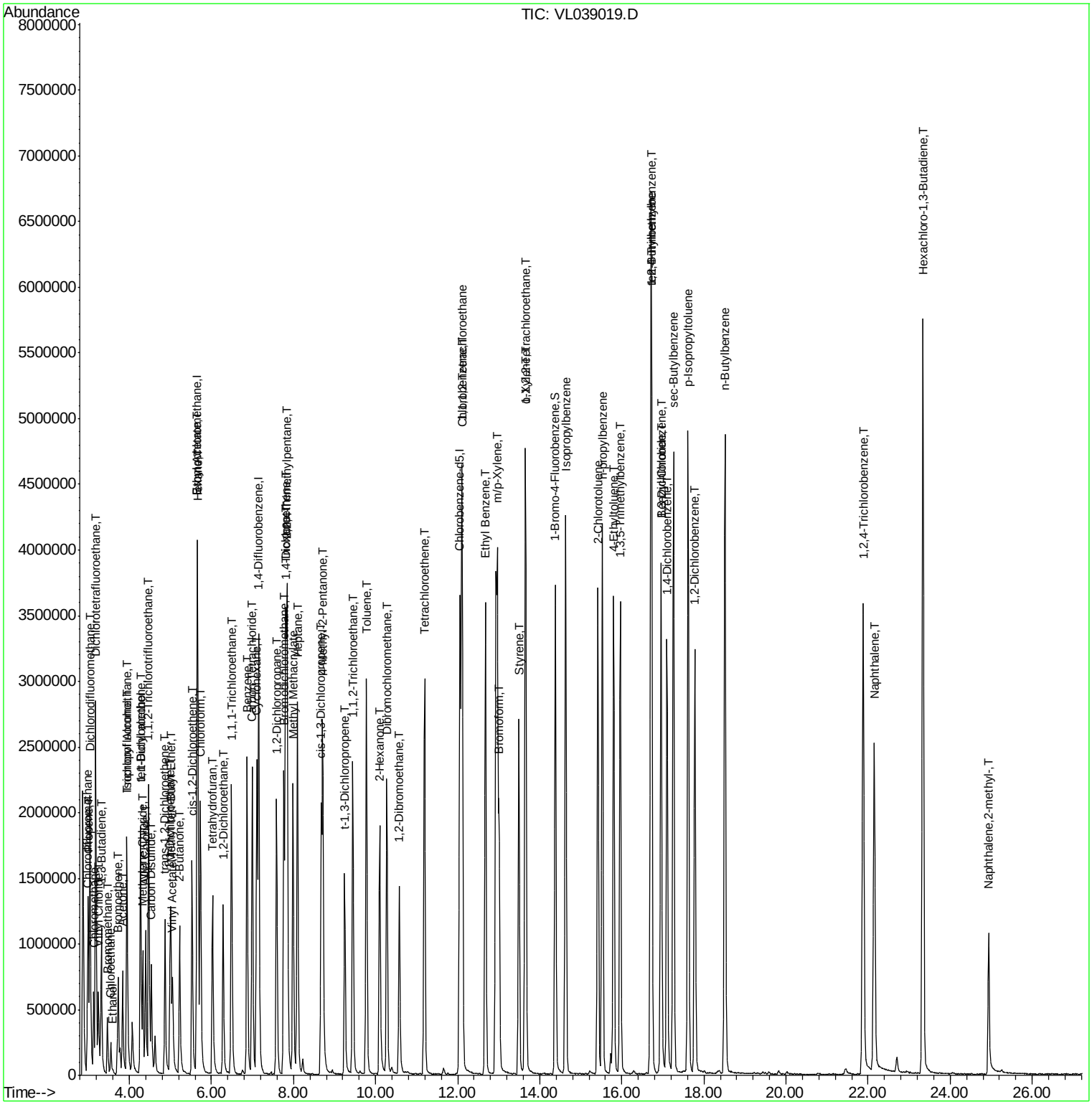
(#) = qualifier out of range (m) = manual integration (+) = signals summed

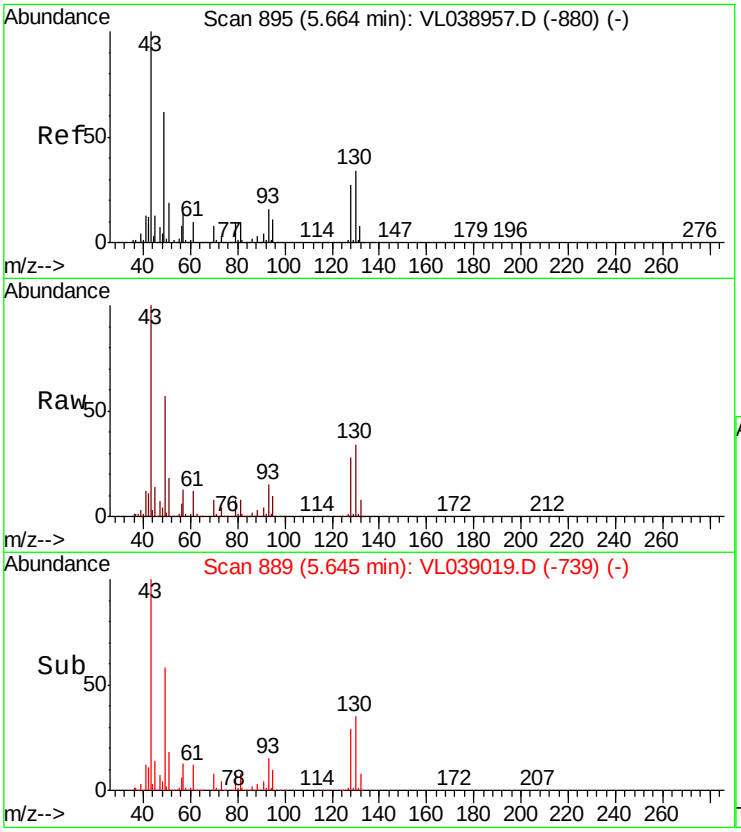
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050922\
Data File : VL039019.D
Acq On : 10 May 2022 14:00
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: May 11 01:45:58 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration



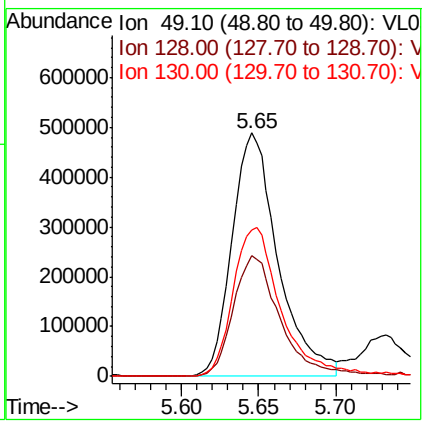


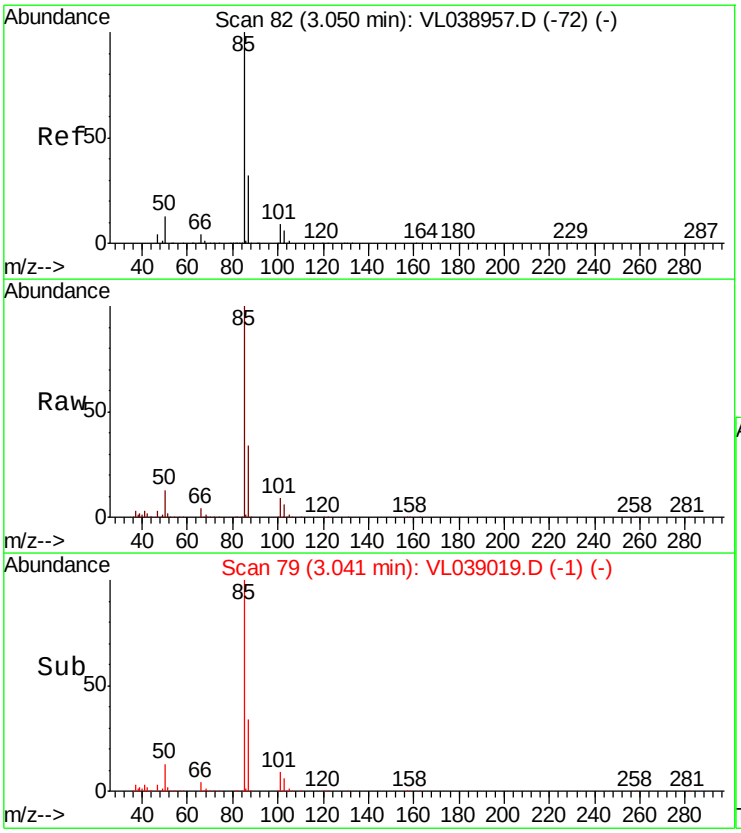
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 1007343

Ion	Ratio	Lower	Upper
49	100		
128	52.2	23.3	69.8
130	65.5	29.8	89.3

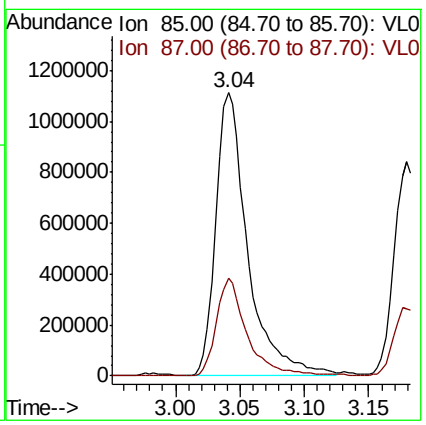


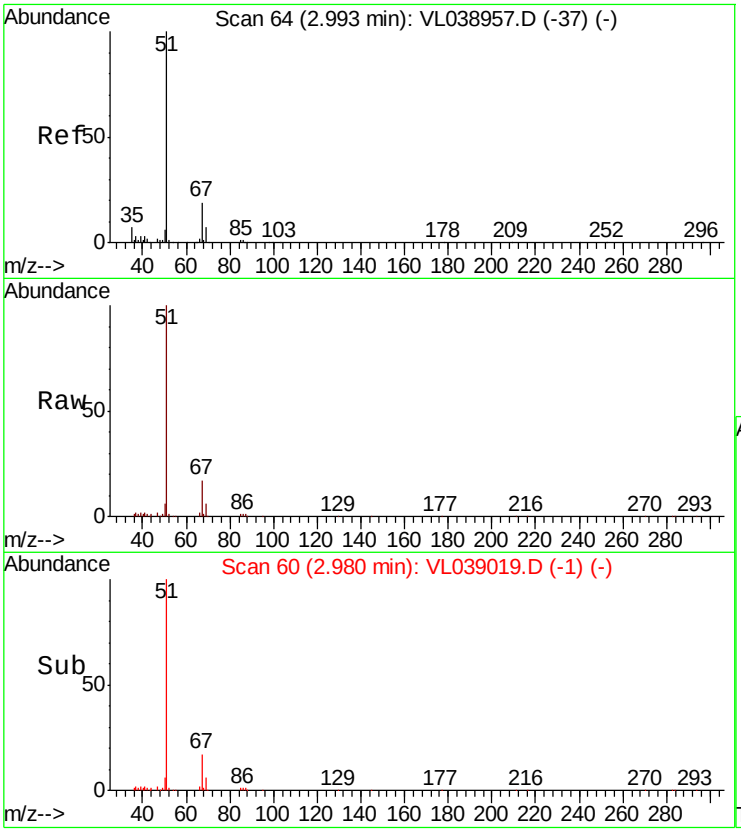


#2
Dichlorodifluoromethane
Concen: 12.079 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 85 Resp: 1906550

Ion	Ratio	Lower	Upper
85	100		
87	34.4	25.7	38.5



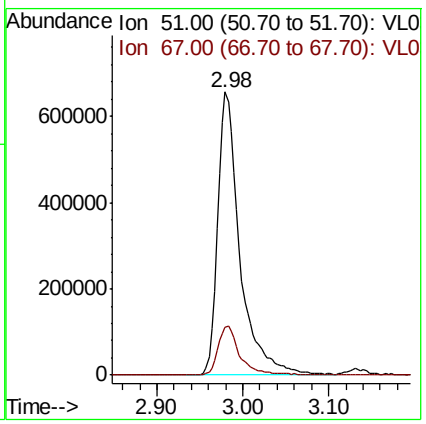


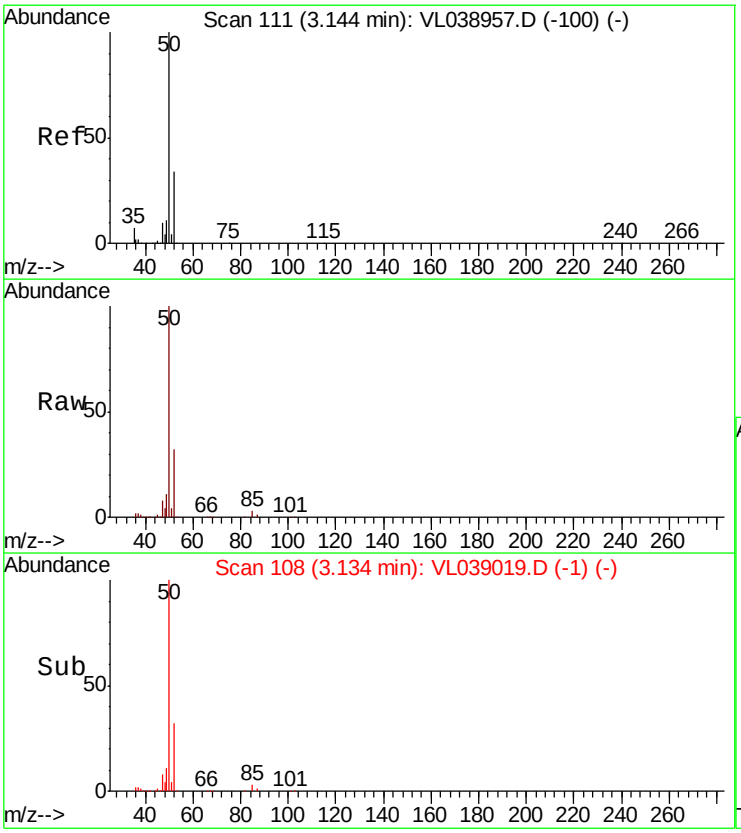
#3
Chlorodifluoromethane
Concen: 9.432 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1179046

Ion	Ratio	Lower	Upper
51	100		
67	17.1	15.8	23.8

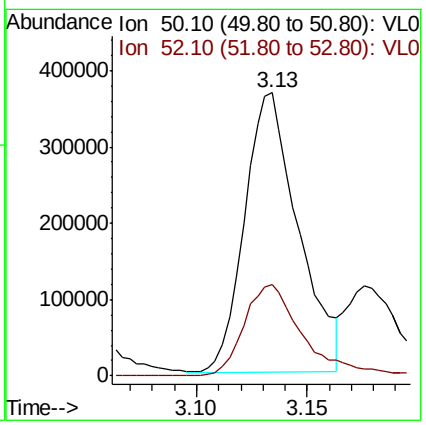


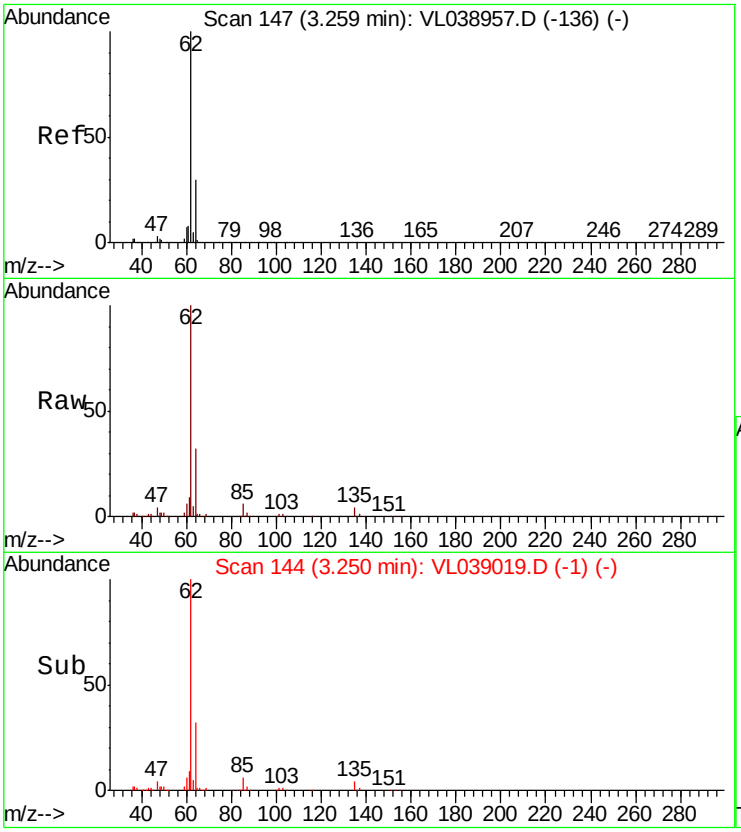


#4
Chloromethane
Concen: 9.973 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 50 Resp: 624260

Ion	Ratio	Lower	Upper
50	100		
52	32.8	27.3	40.9



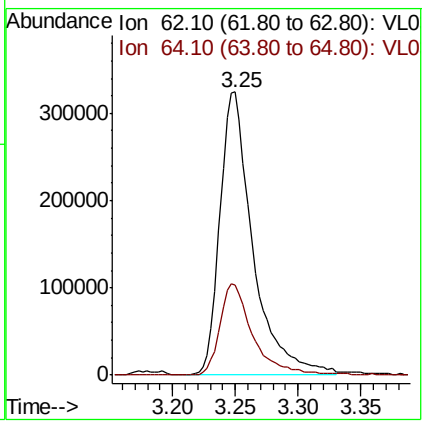


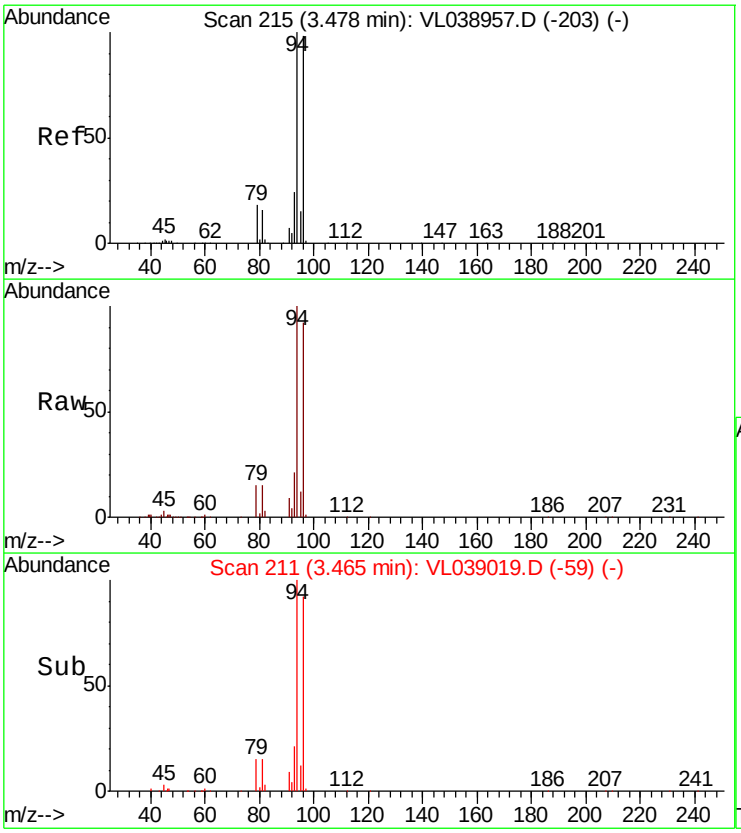
#5
Vinyl Chloride
Concen: 10.306 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 589112

Ion	Ratio	Lower	Upper
62	100		
64	31.8	24.2	36.4

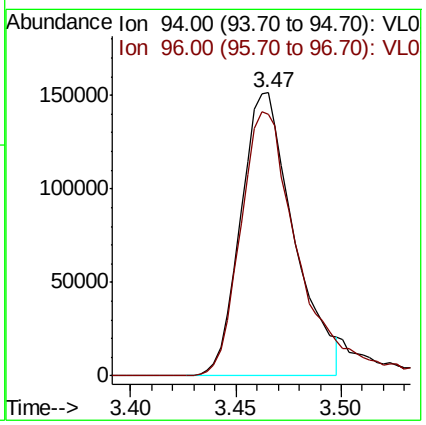


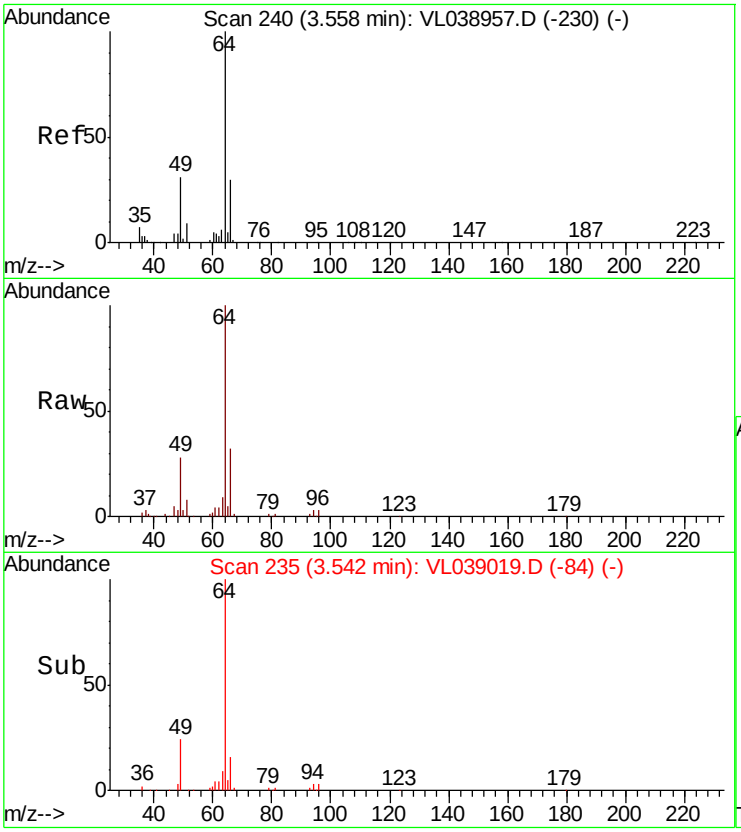


#6
Bromomethane
Concen: 9.841 ppbv
RT: 3.47 min Scan# 211
Delta R.T. -0.01 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 94 Resp: 265741

Ion	Ratio	Lower	Upper
94	100		
96	92.4	78.1	117.1



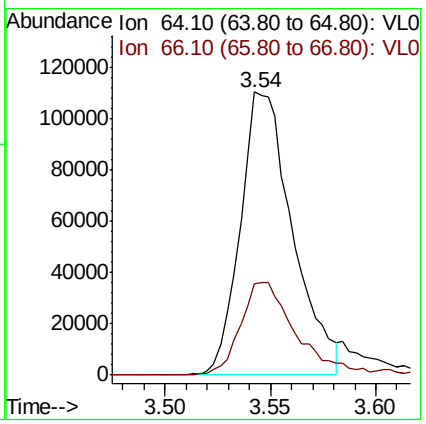


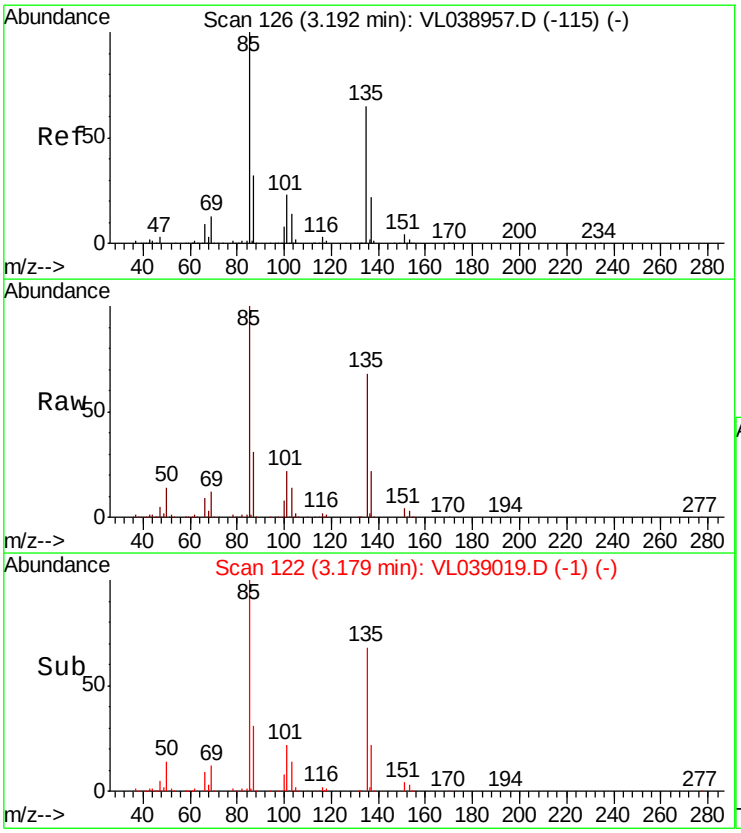
#7
Chloroethane
Concen: 9.964 ppbv
RT: 3.54
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 190638

Ion	Ratio	Lower	Upper
64	100		
66	32.1	23.8	35.8

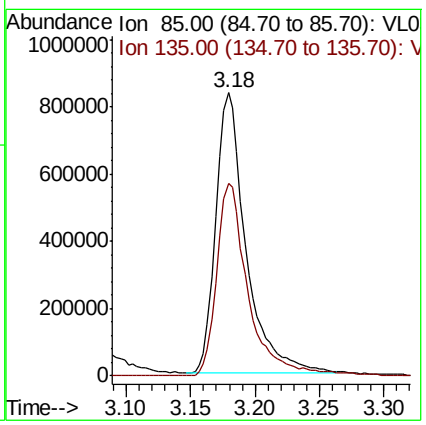


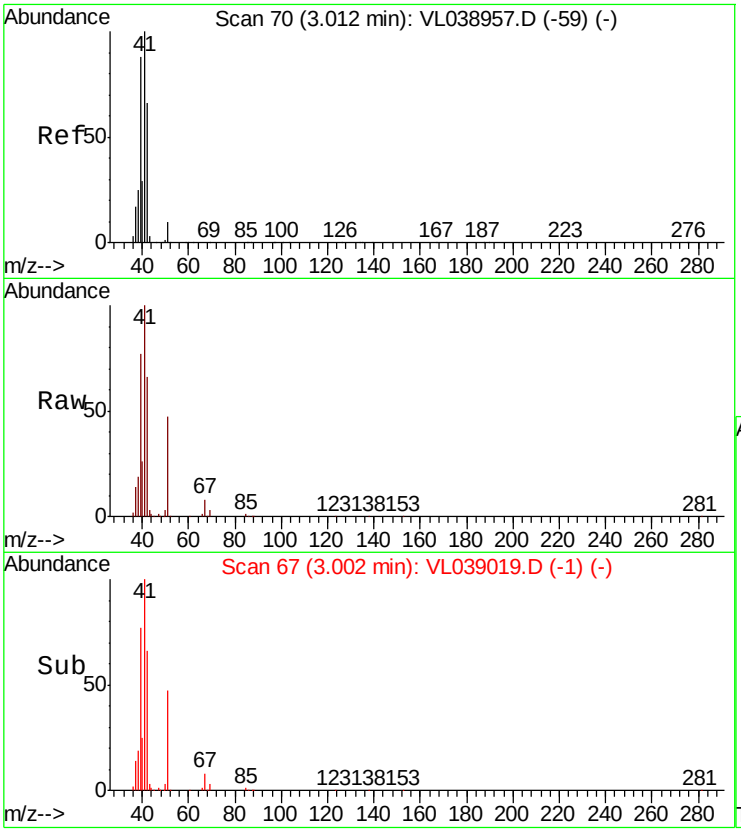


#8
Dichlorotetrafluoroethane
Concen: 9.539 ppbv
RT: 3.18 min Scan# 122
Delta R.T. -0.01 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 85 Resp: 1364454

Ion	Ratio	Lower	Upper
85	100		
135	72.1	53.6	80.4



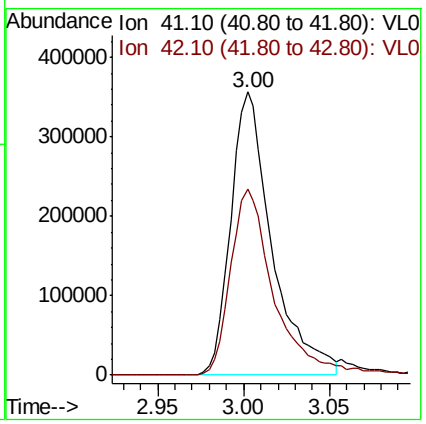


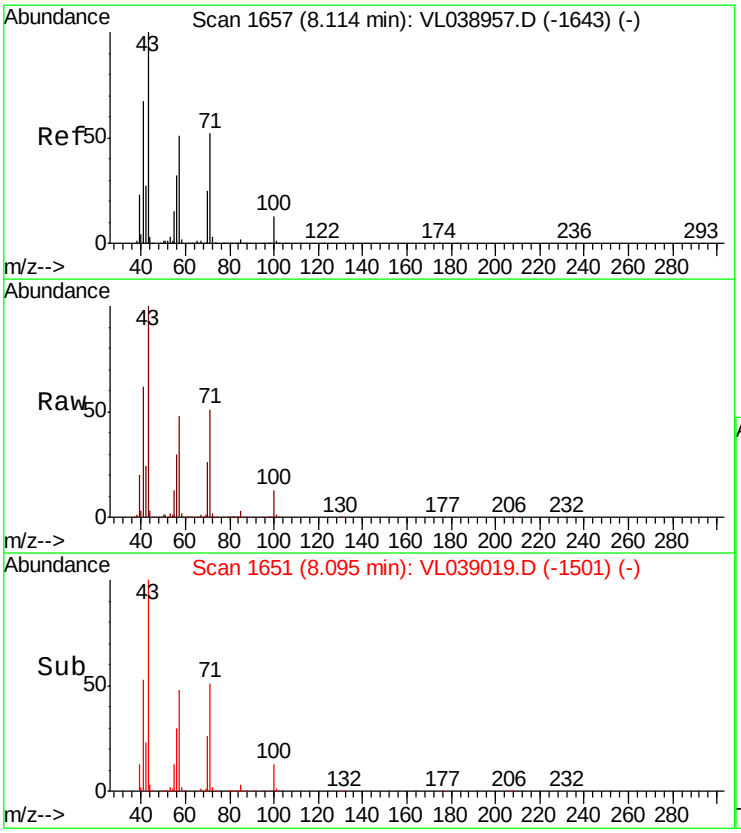
#9
Propene
Concen: 10.871 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 593416

Ion	Ratio	Lower	Upper
41	100		
42	70.4	58.3	87.5

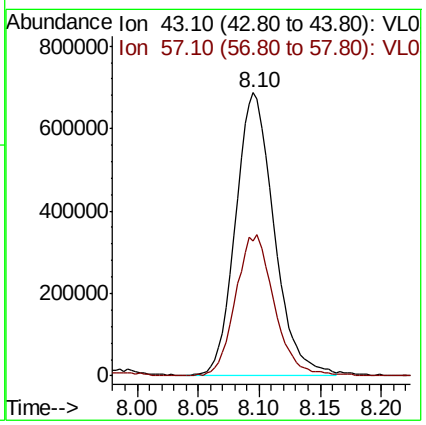


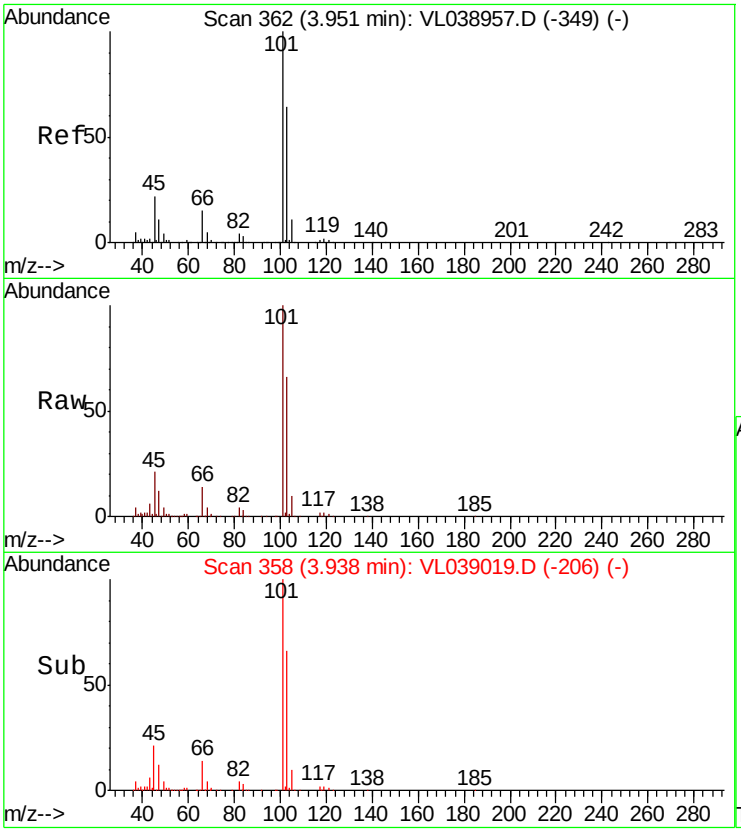


#10
Heptane
Concen: 11.129 ppbv
RT: 8.10 min Scan# 1651
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 43 Resp: 1490414

Ion	Ratio	Lower	Upper
43	100		
57	50.1	40.5	60.7



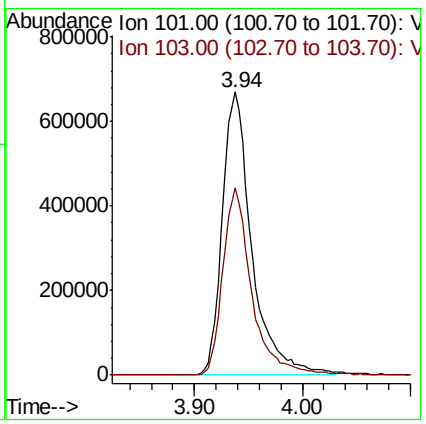


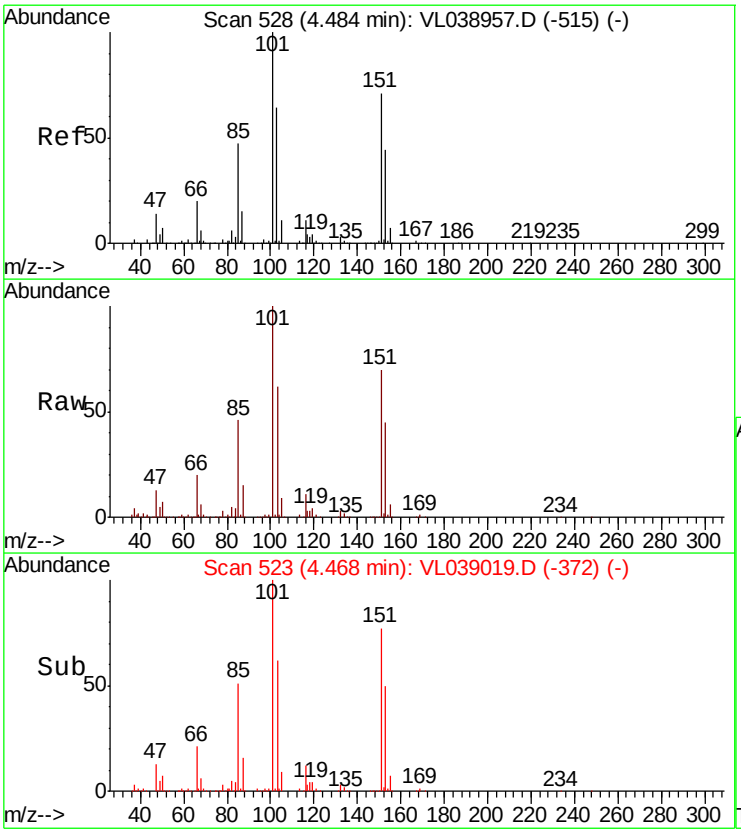
#11
Trichlorofluoromethane
Concen: 9.428 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 1276761

Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.5	77.3

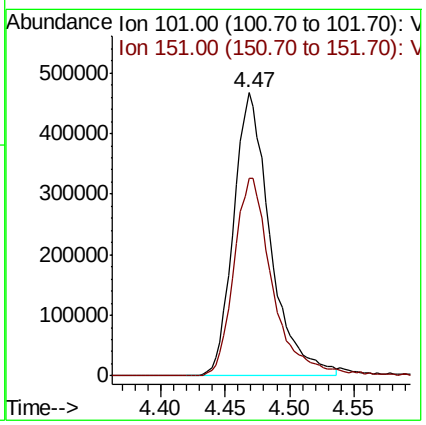


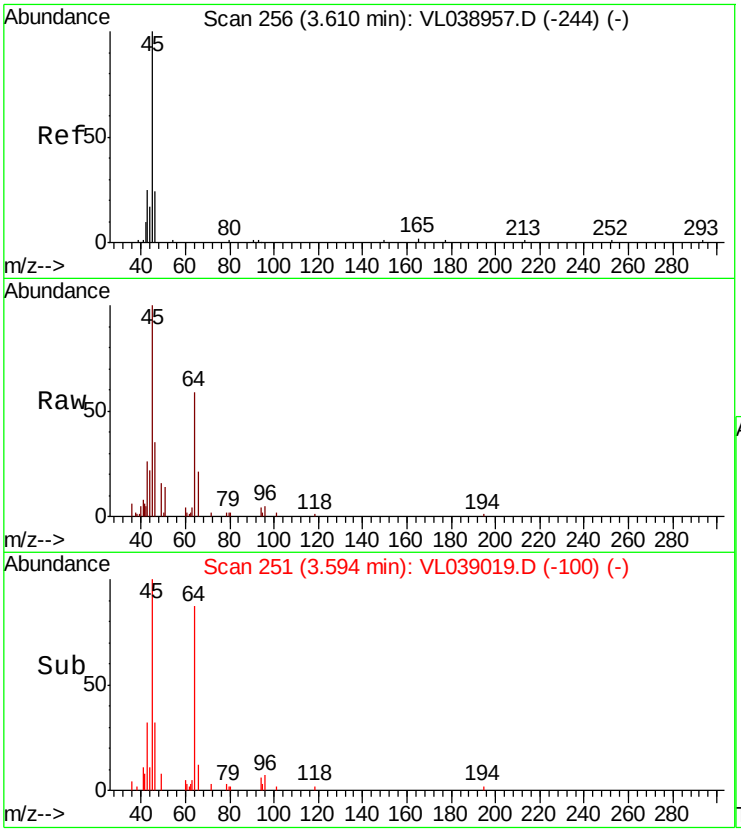


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.948 ppbv
RT: 4.47 min Scan# 523
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:101 Resp: 928040

Ion	Ratio	Lower	Upper
101	100		
151	73.8	55.4	83.0



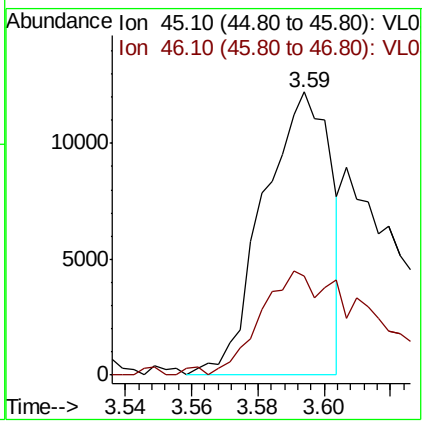


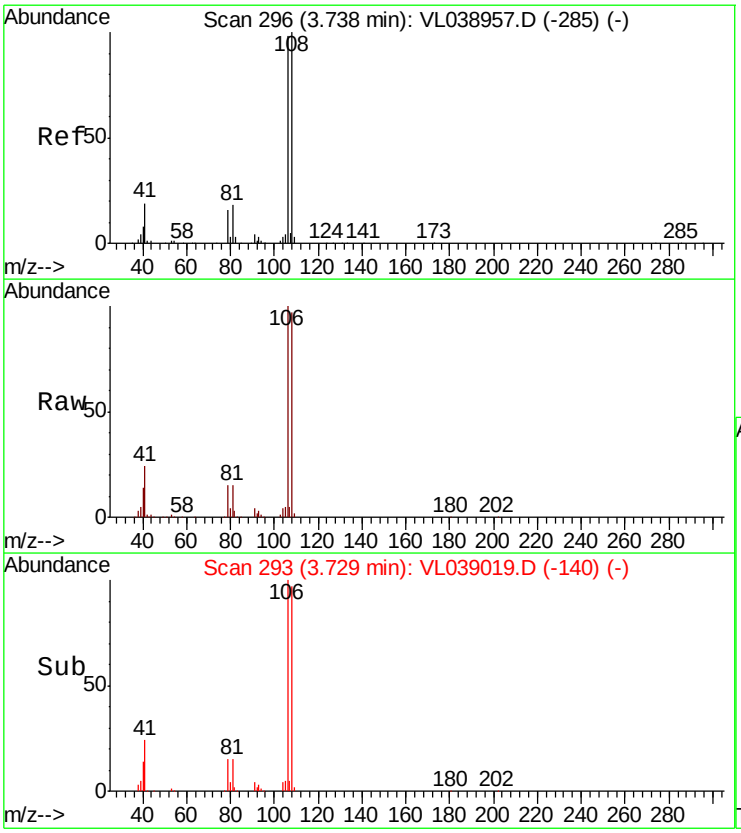
#13
Ethanol
Concen: 4.462 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 17238

Ion	Ratio	Lower	Upper
45	100		
46	78.0	18.0	72.2#

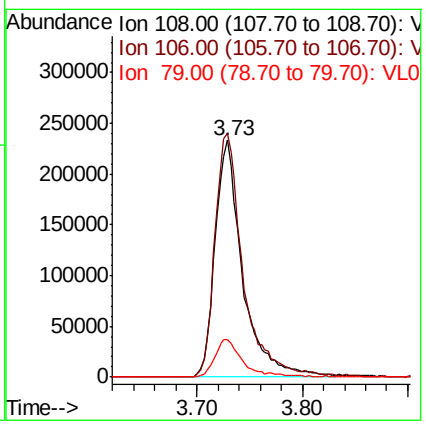


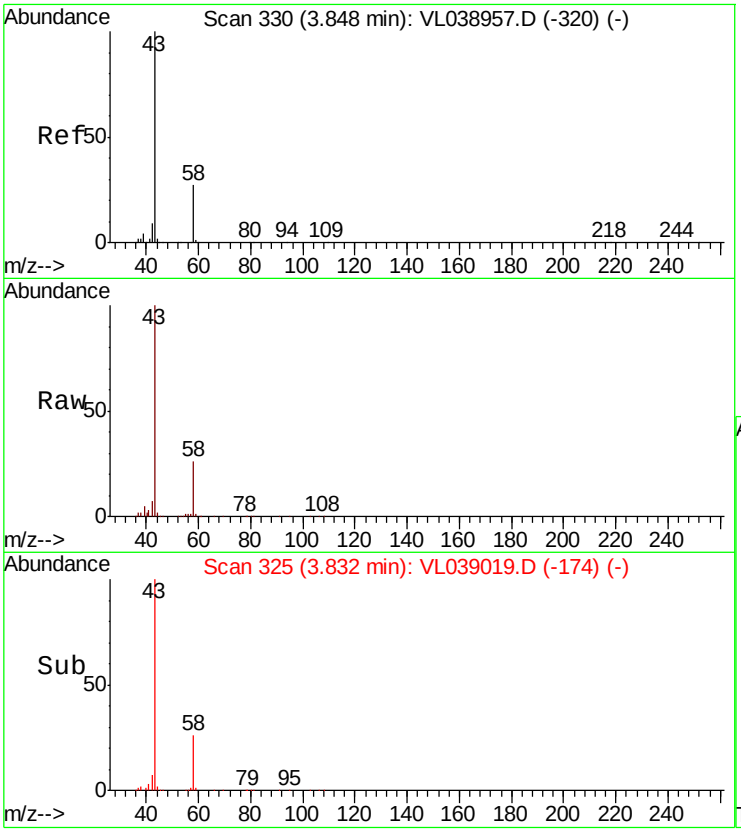


#14
Bromoethene
Concen: 10.957 ppbv
RT: 3.73 min Scan# 293
Delta R.T. -0.01 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:108 Resp: 421508

Ion	Ratio	Lower	Upper
108	100		
106	106.5	90.3	135.5
79	16.4	14.9	22.3



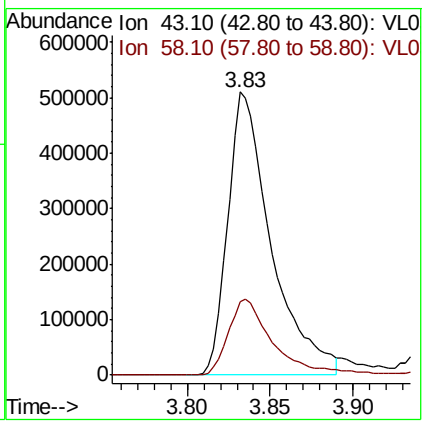


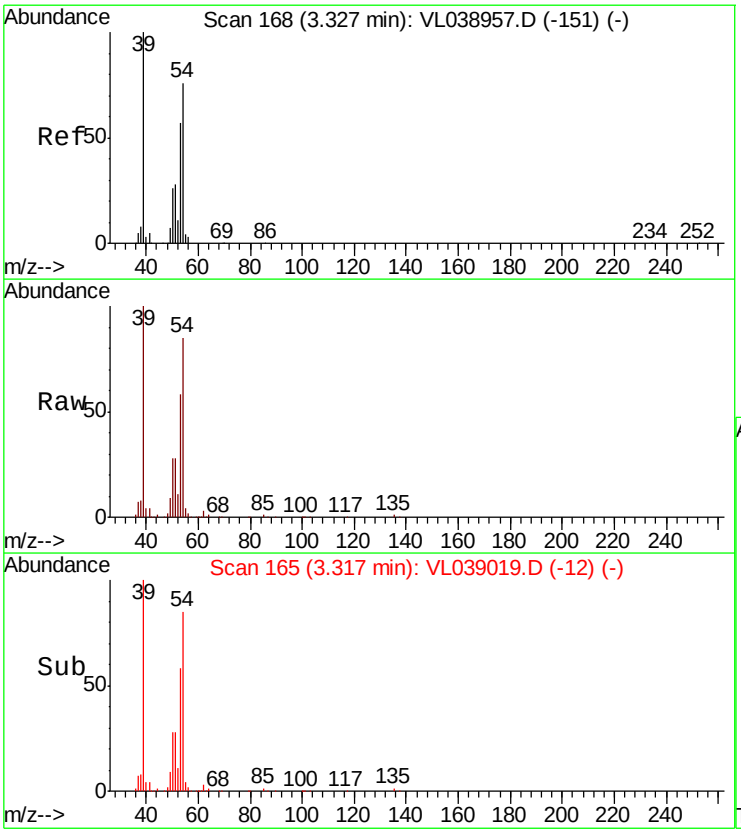
#15
Acetone
Concen: 9.755 ppbv
RT: 3.83
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 926914

Ion	Ratio	Lower	Upper
43	100		
58	27.8	21.3	31.9

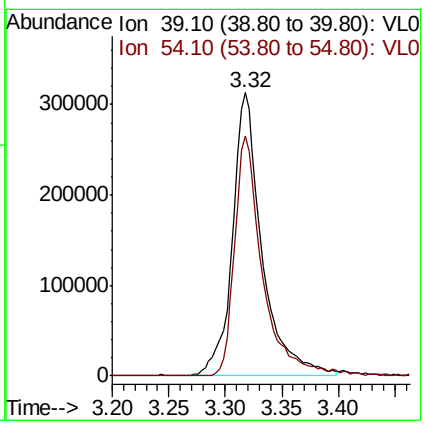


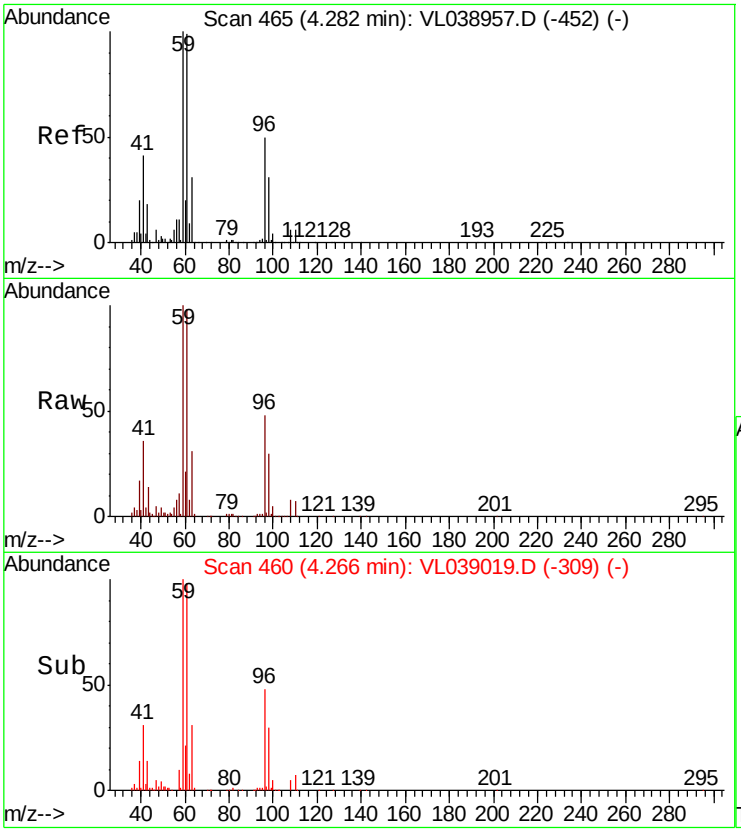


#16
1,3-Butadiene
Concen: 10.442 ppbv
RT: 3.32 min Scan# 165
Delta R.T. -0.01 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 39 Resp: 570047

Ion	Ratio	Lower	Upper
39	100		
54	80.4	65.2	97.8



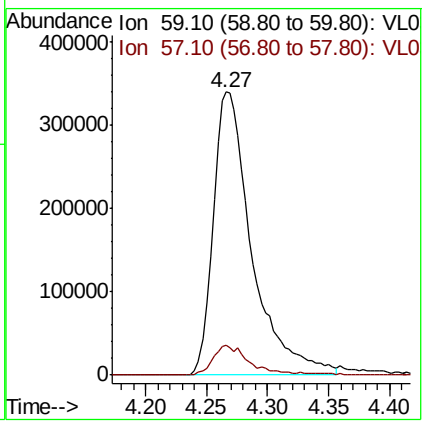


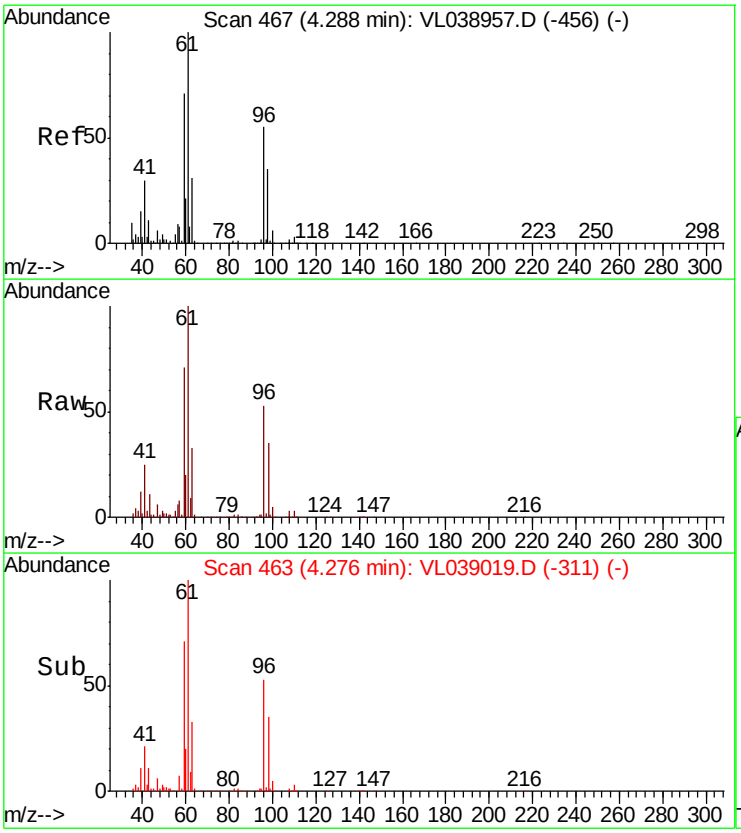
#17
tert-Butyl alcohol
Concen: 10.230 ppbv
RT: 4.27
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 747129

Ion	Ratio	Lower	Upper
59	100		
57	10.6	9.2	13.8

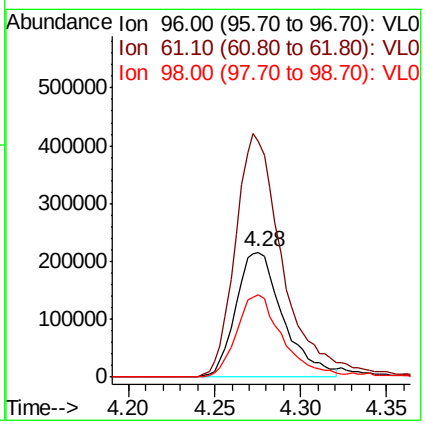


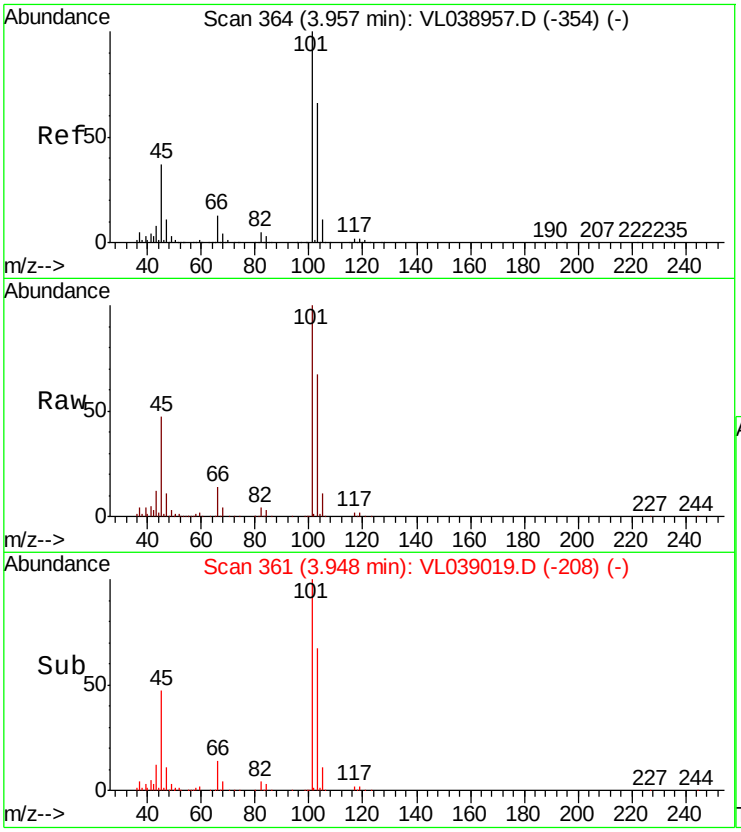


#18
1,1-Dichloroethene
Concen: 10.235 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.01 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 96 Resp: 410914

Ion	Ratio	Lower	Upper
96	100		
61	189.0	146.3	219.5
98	65.4	50.6	75.8



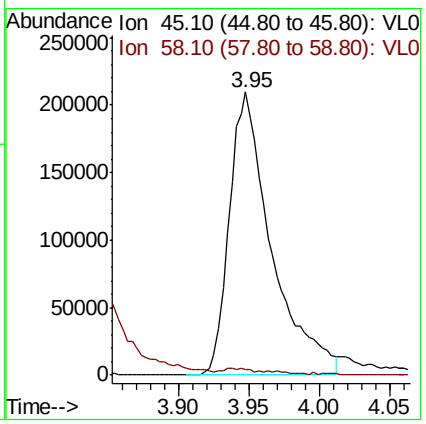


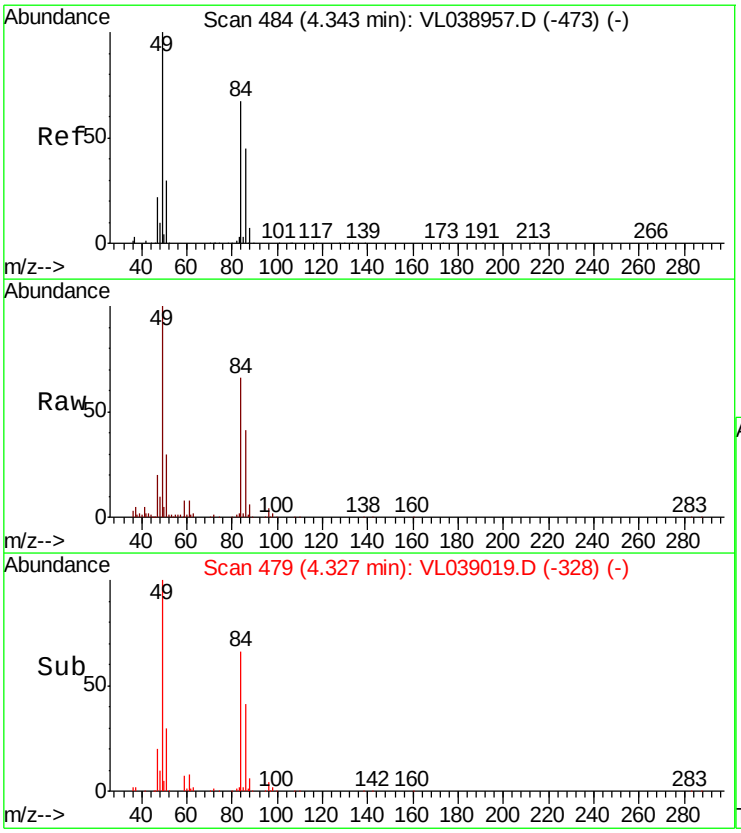
#19
Isopropyl Alcohol
Concen: 9.694 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 437986

Ion	Ratio	Lower	Upper
45	100		
58	59.2	1.4	2.2#

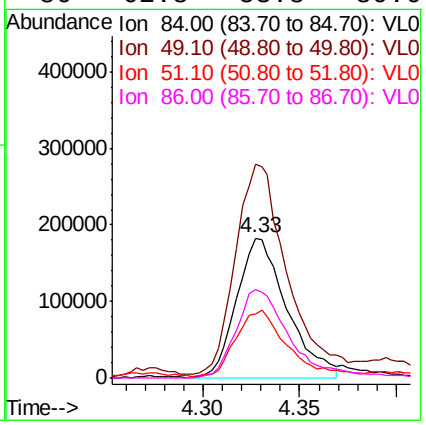


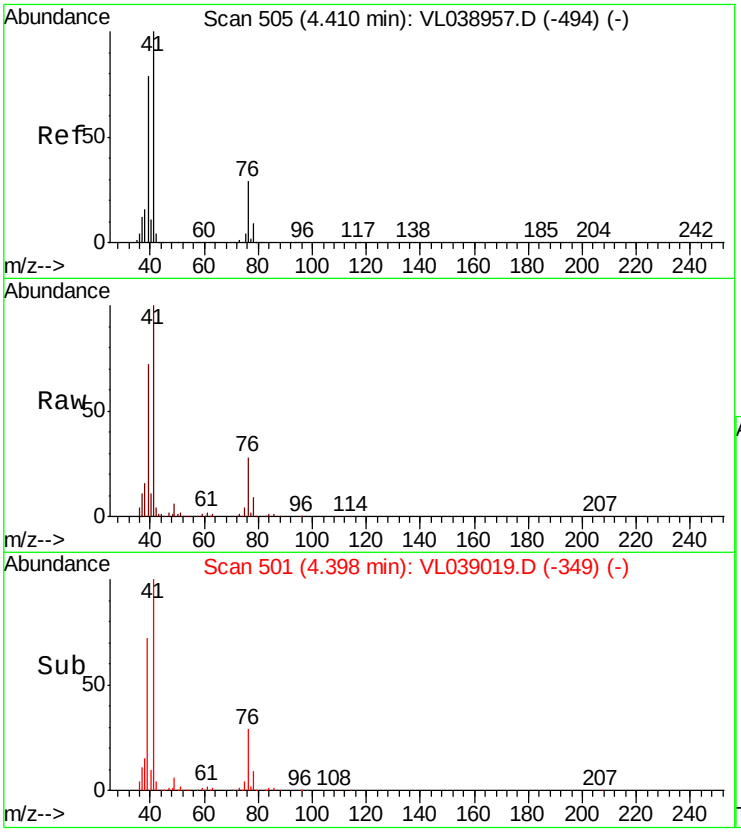


#20
Methylene Chloride
Concen: 9.162 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 84 Resp: 328138

Ion	Ratio	Lower	Upper
84	100		
49	150.1	119.9	179.9
51	43.9	35.7	53.5
86	62.8	53.8	80.6



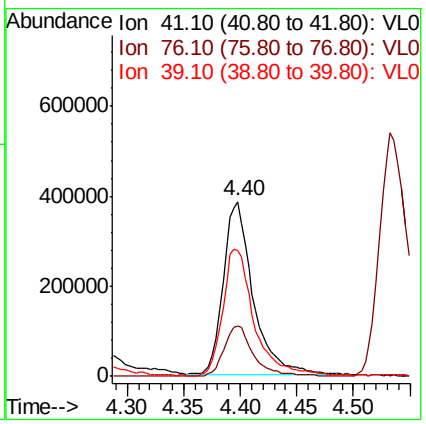


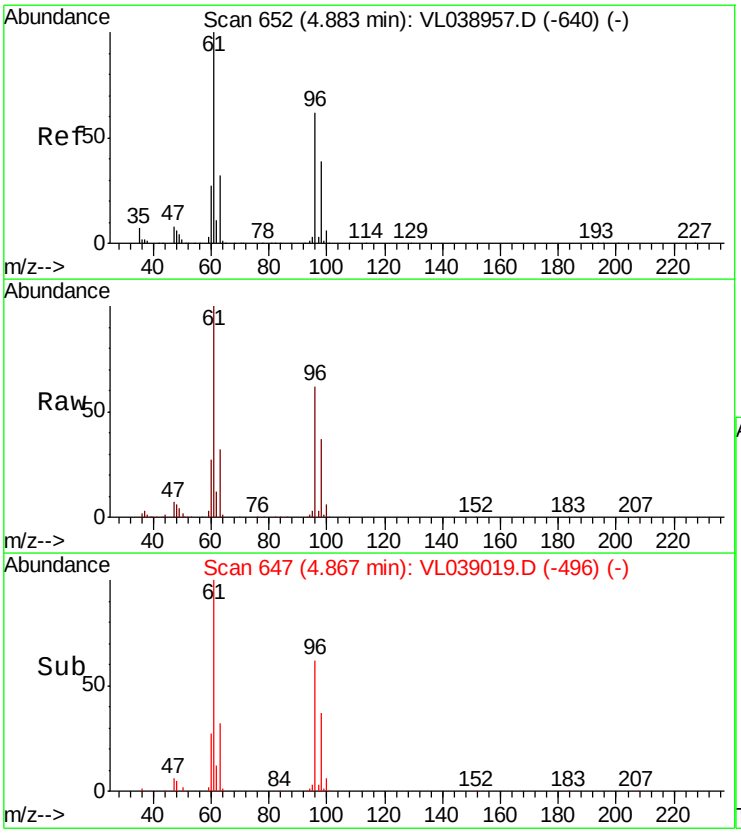
#21
Allvl Chloride
Concen: 10.865 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 703488

Ion	Ratio	Lower	Upper
41	100		
76	29.1	24.2	36.4
39	76.8	63.8	95.8

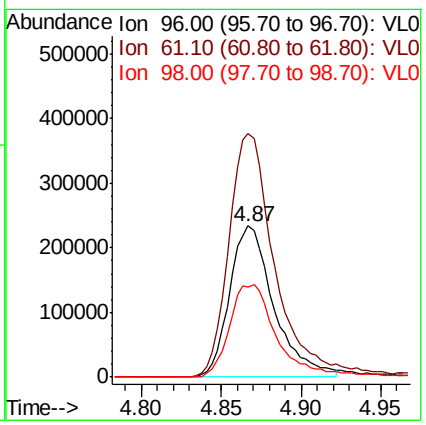


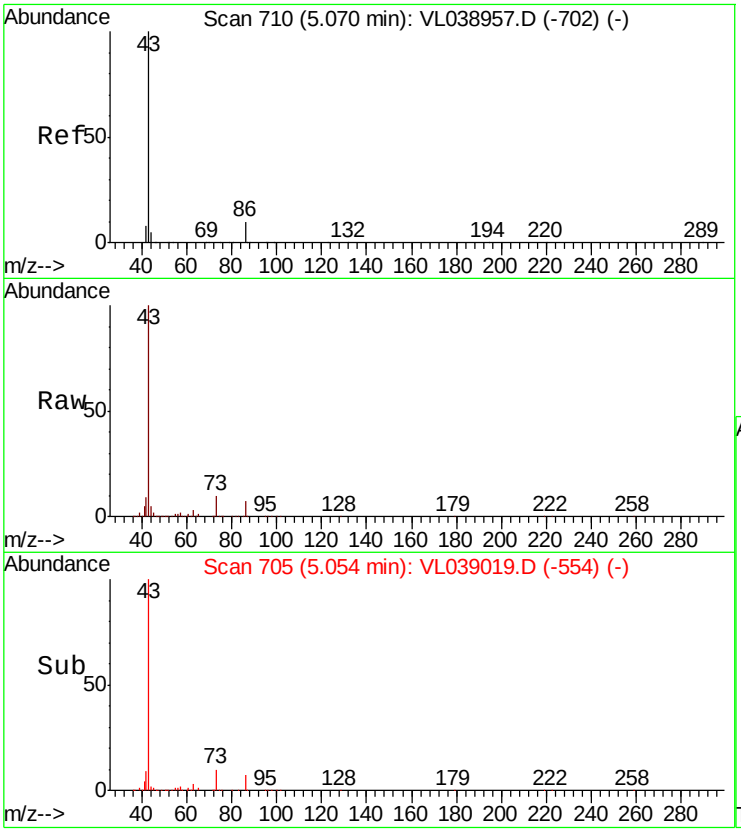


#22
trans-1,2-Dichloroethene
Concen: 10.189 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 96 Resp: 441858

Ion	Ratio	Lower	Upper
96	100		
61	161.2	128.2	192.2
98	59.7	50.1	75.1



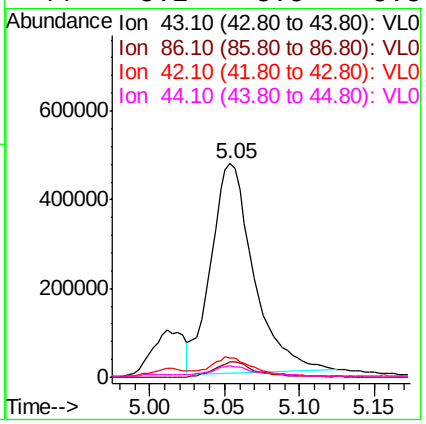


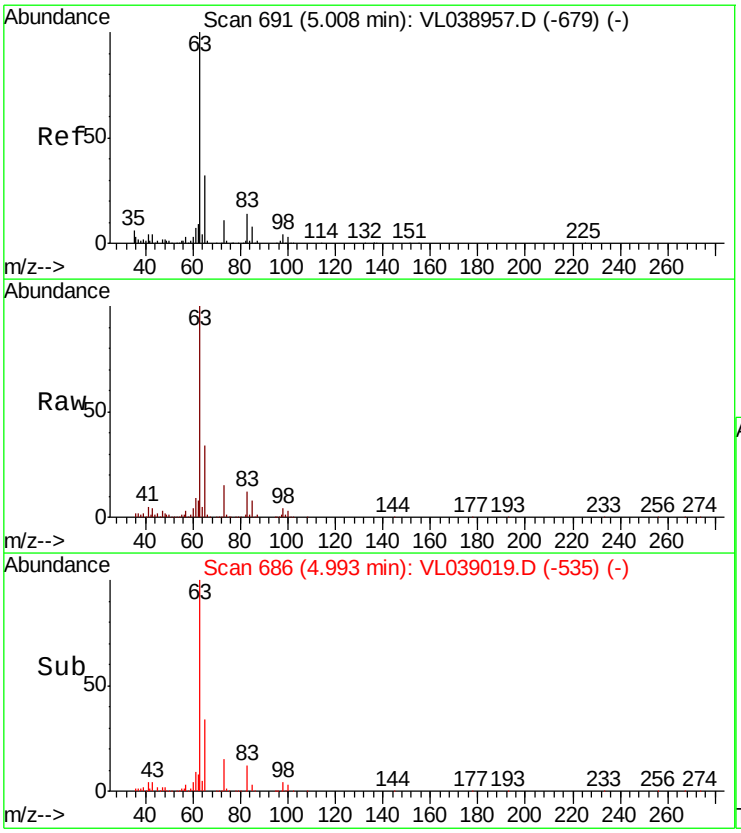
#23
Vinyl Acetate
Concen: 12.508 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 940449

Ion	Ratio	Lower	Upper
43	100		
86	7.4	6.6	9.8
42	8.6	8.1	12.1
44	5.2	3.5	5.3

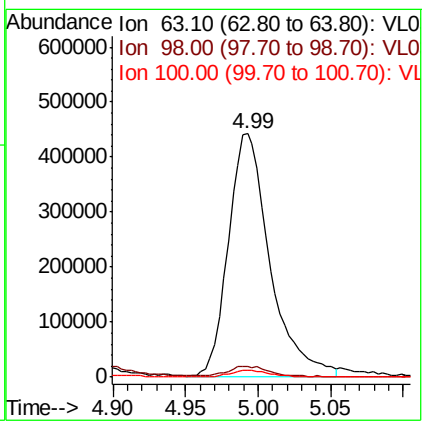


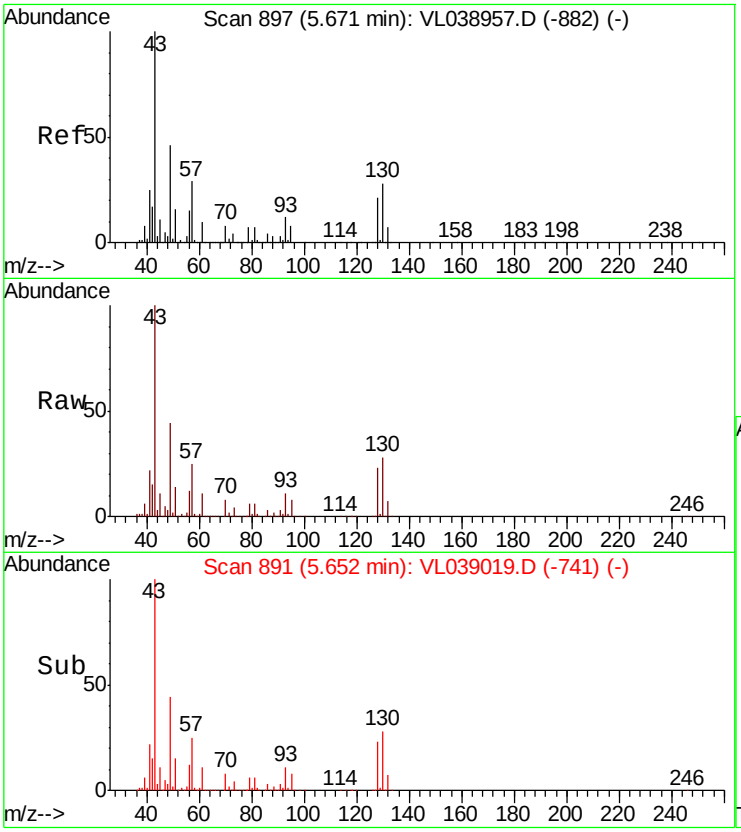


#24
1,1-Dichloroethane
Concen: 10.103 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 63 Resp: 874702

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.2
100	2.7	1.4	4.2



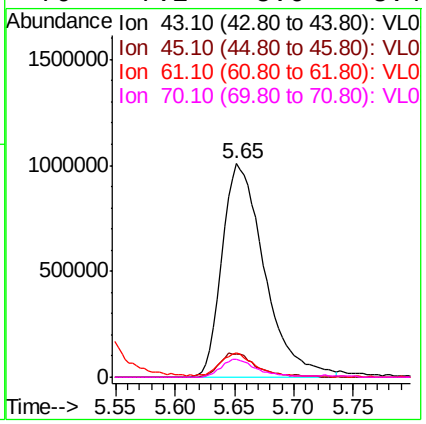


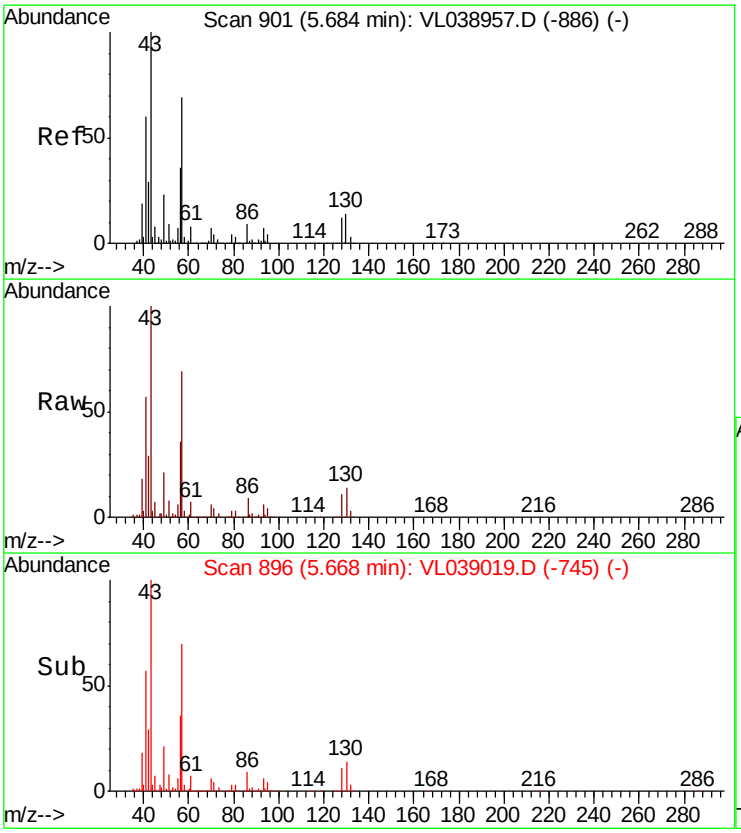
#25
Ethyl Acetate
Concen: 10.921 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2483813

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.1	12.1
61	10.0	7.8	11.6
70	7.2	5.6	8.4

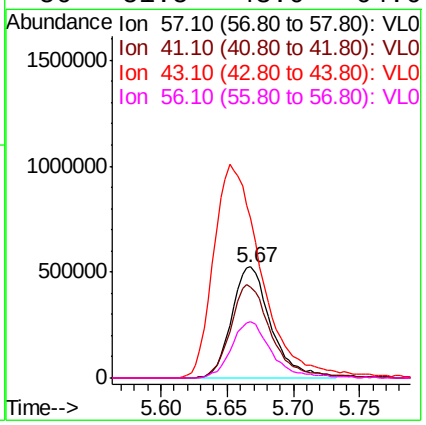


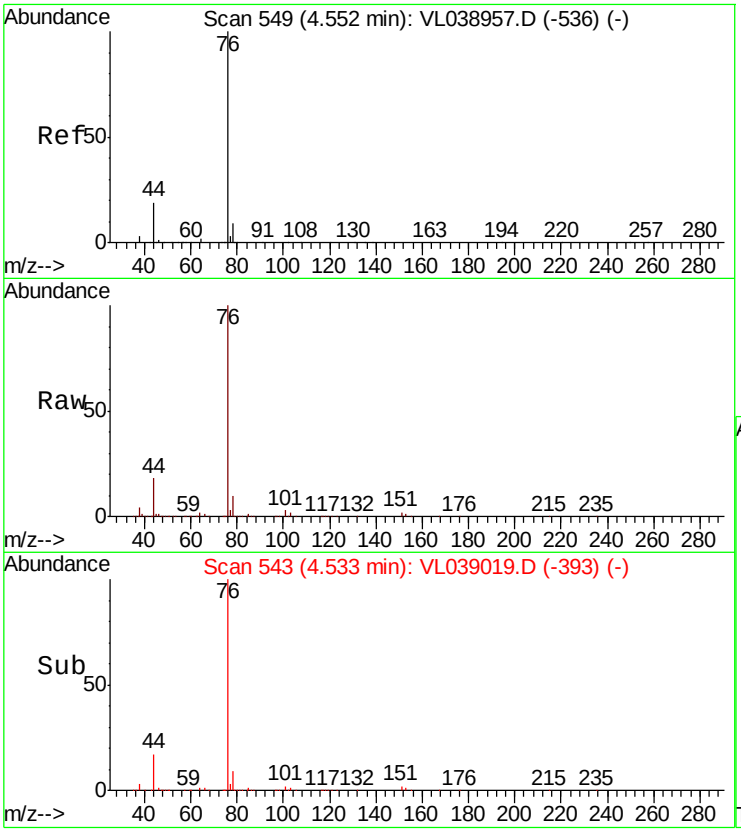


#26
Hexane
Concen: 10.767 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 57 Resp: 1088052

Ion	Ratio	Lower	Upper
57	100		
41	87.4	75.2	112.8
43	232.9	190.8	286.2
56	51.5	43.0	64.6



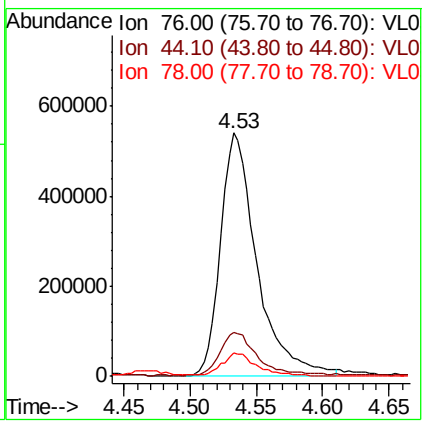


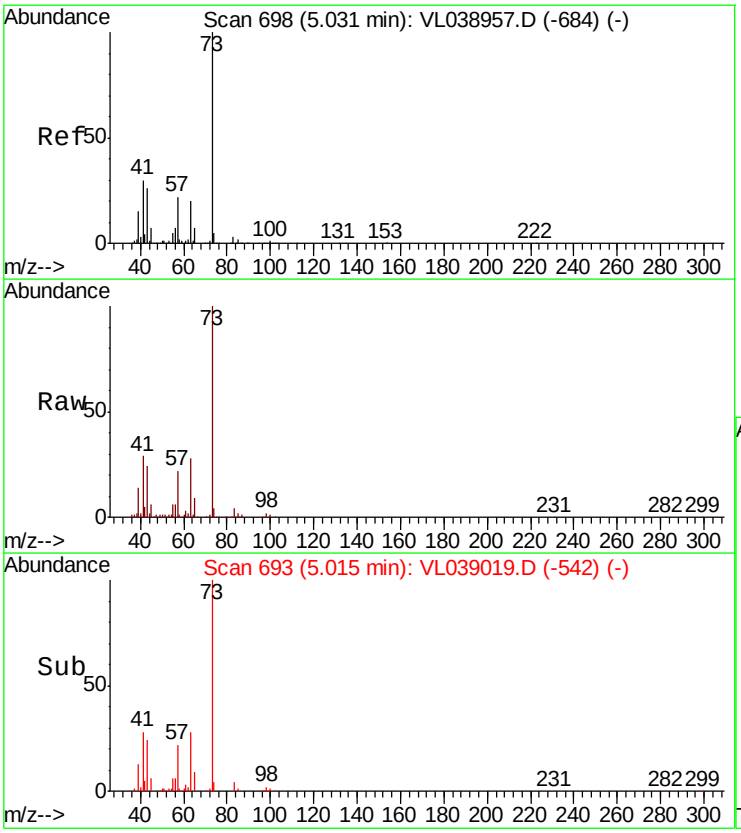
#27
Carbon Disulfide
Concen: 10.677 ppbv
RT: 4.53
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 1024966

Ion	Ratio	Lower	Upper
76	100		
44	18.4	15.3	22.9
78	9.6	8.2	12.2

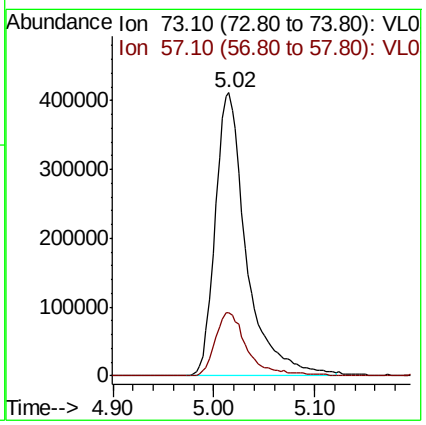


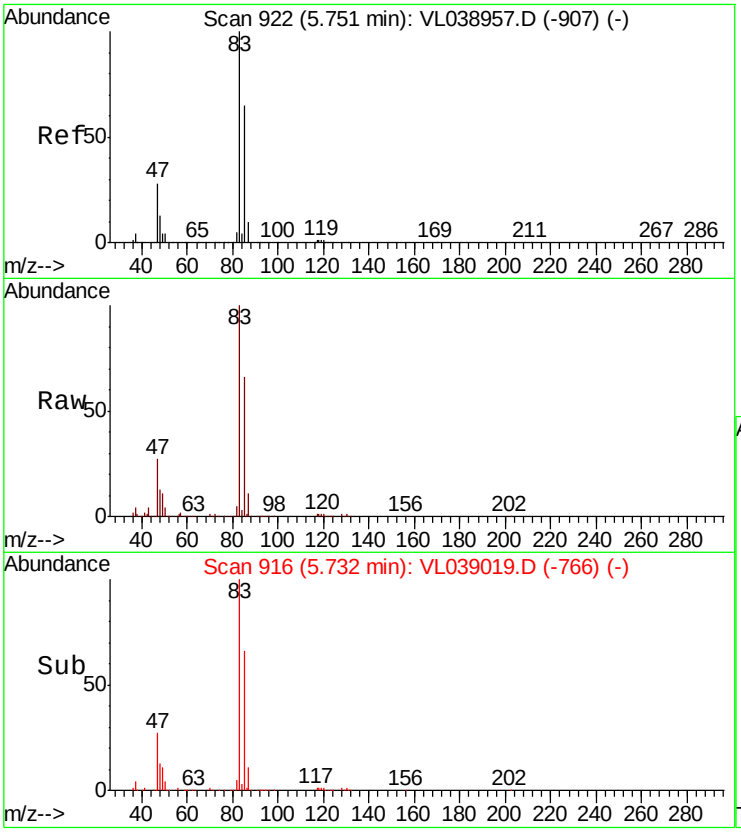


#28
Methyl tert-Butyl Ether
Concen: 11.536 ppbv
RT: 5.02 min Scan# 693
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 73 Resp: 886914

Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.8	28.2



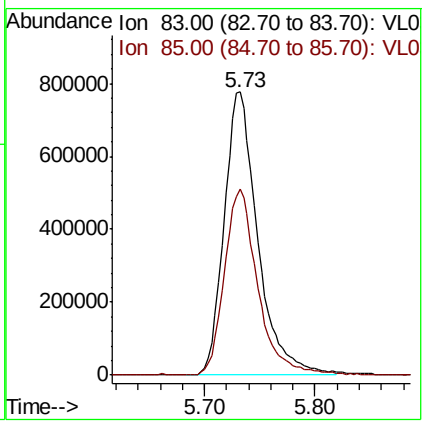


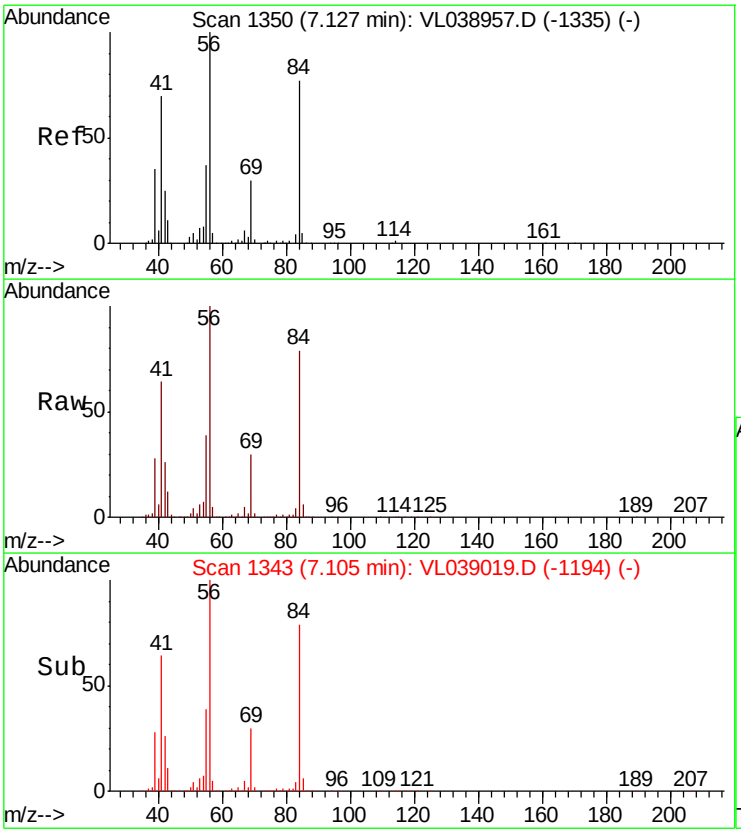
#29
Chloroform
Concen: 10.052 ppbv
RT: 5.73
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1643412

Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.8	77.6

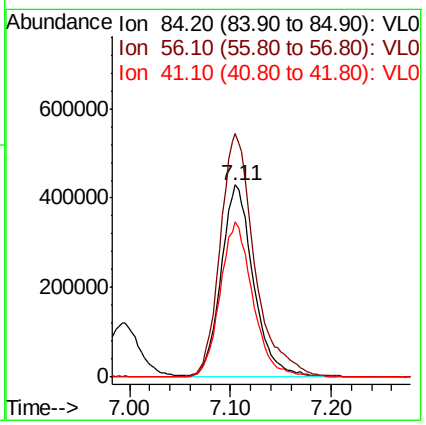


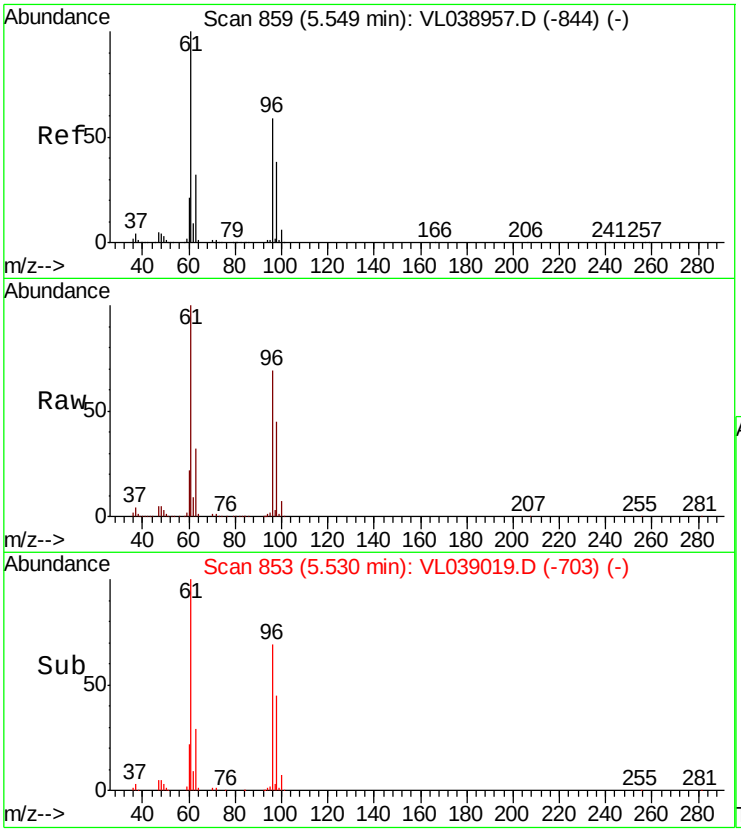


#30
Cyclohexane
Concen: 11.358 ppbv
RT: 7.11 min Scan# 1343
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 84 Resp: 960936

Ion	Ratio	Lower	Upper
84	100		
56	135.9	115.3	172.9
41	81.6	72.0	108.0



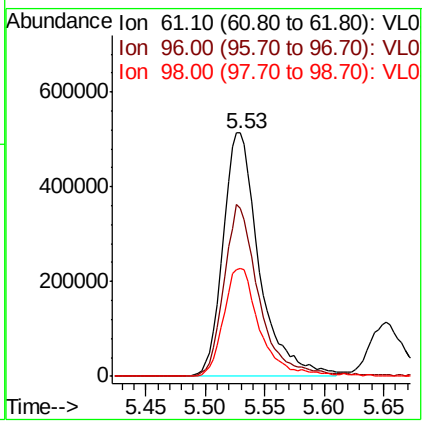


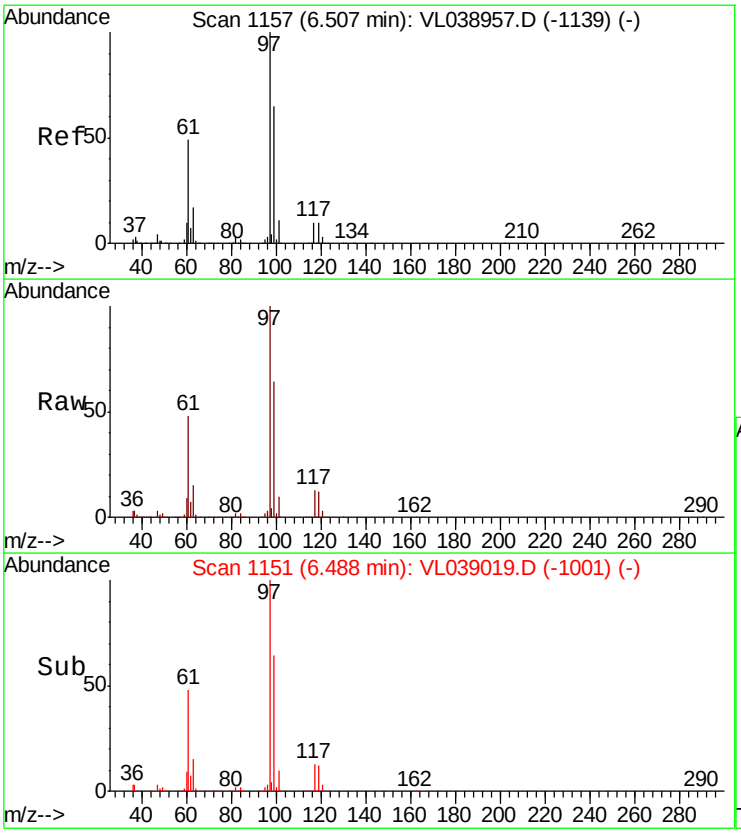
#31
cis-1,2-Dichloroethene
Concen: 10.487 ppbv
RT: 5.53
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 1079659

Ion	Ratio	Lower	Upper
61	100		
96	69.1	47.4	71.0
98	44.5	30.6	45.8

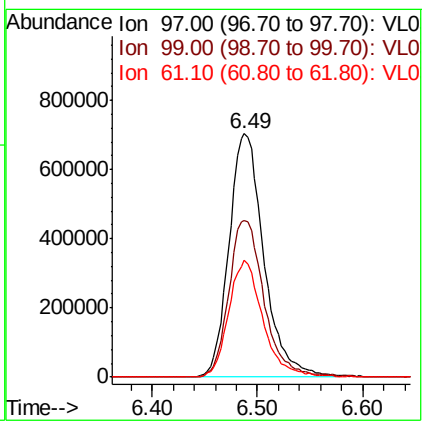


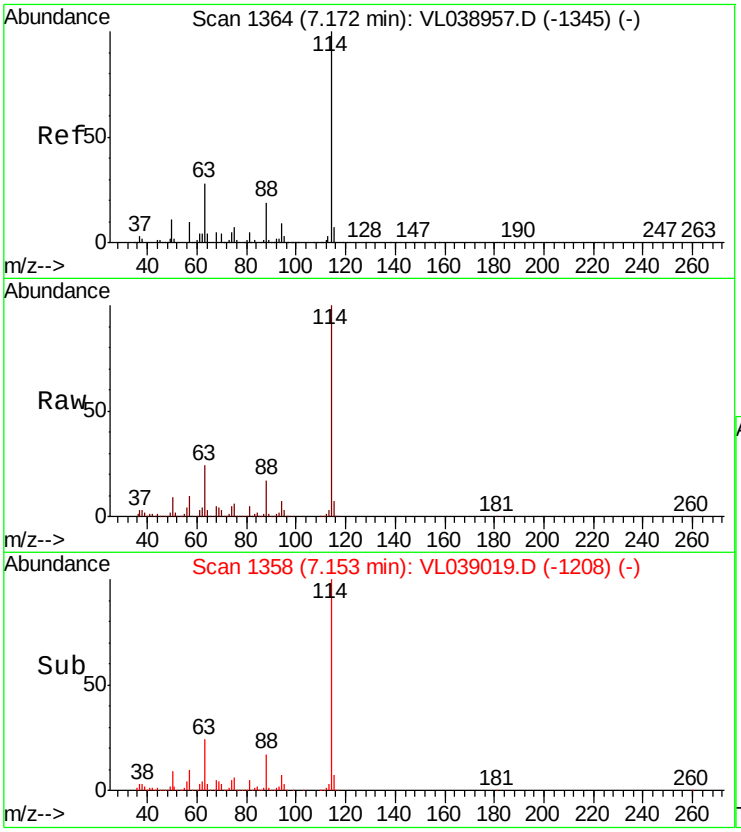


#32
1,1,1-Trichloroethane
Concen: 9.852 ppbv
RT: 6.49 min Scan# 1151
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 97 Resp: 1610511

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.9	77.9
61	47.0	40.9	61.3



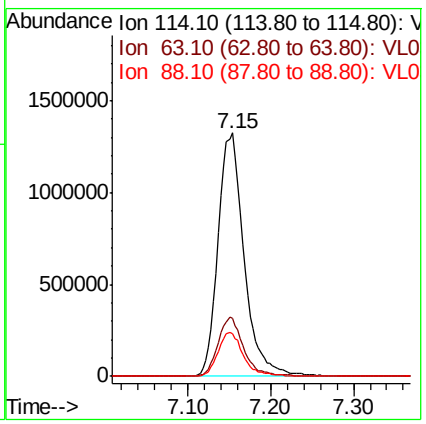


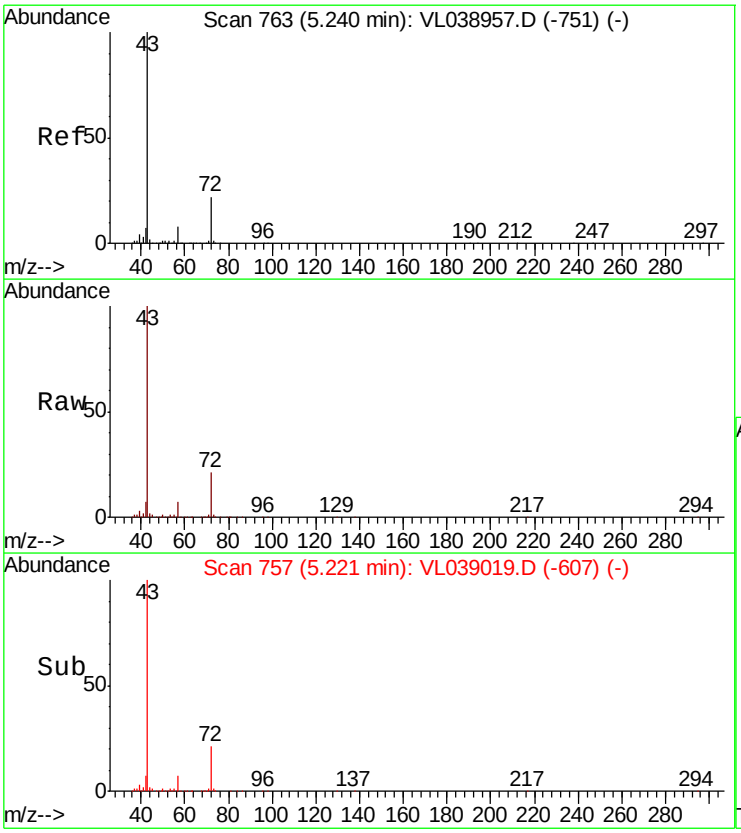
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 2881504

Ion	Ratio	Lower	Upper
114	100		
63	24.1	22.6	33.8
88	17.7	15.4	23.0

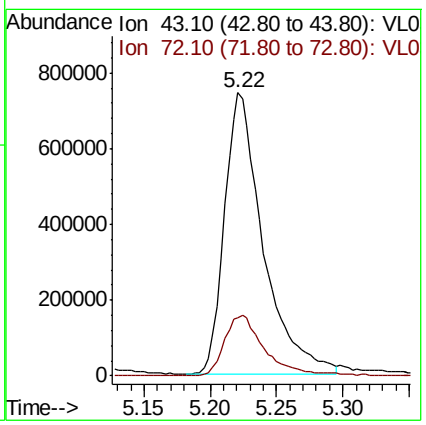


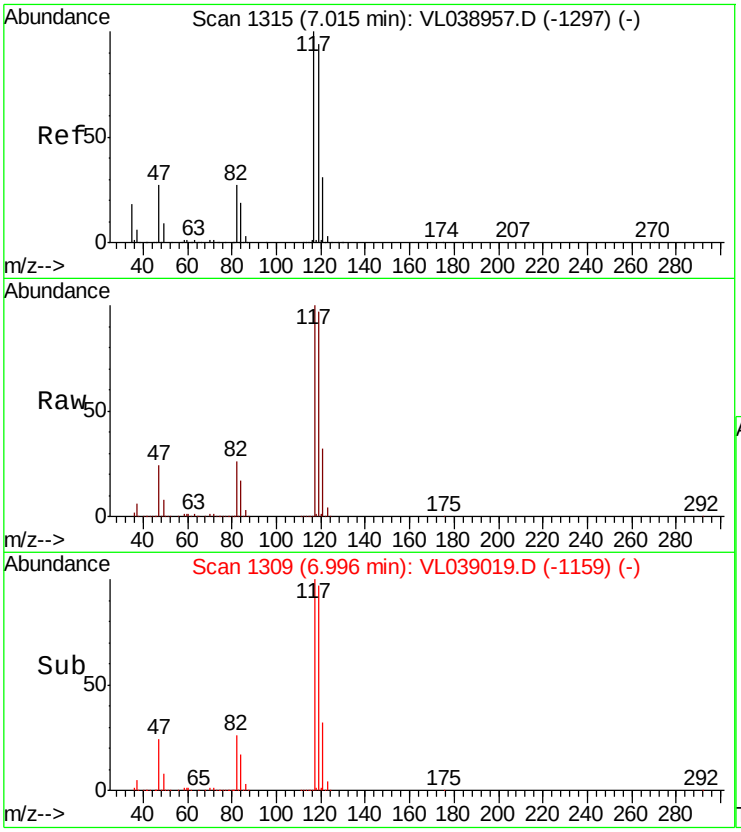


#34
2-Butanone
Concen: 10.231 ppbv
RT: 5.22 min Scan# 757
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 43 Resp: 1503999

Ion	Ratio	Lower	Upper
43	100		
72	22.9	17.8	26.6



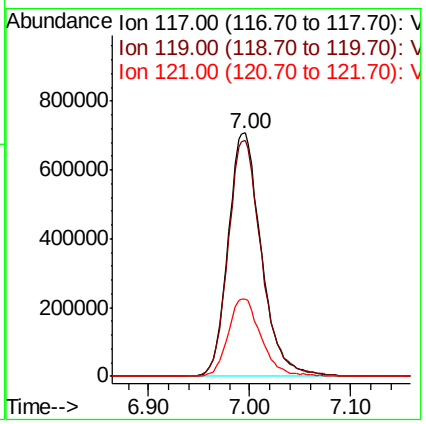


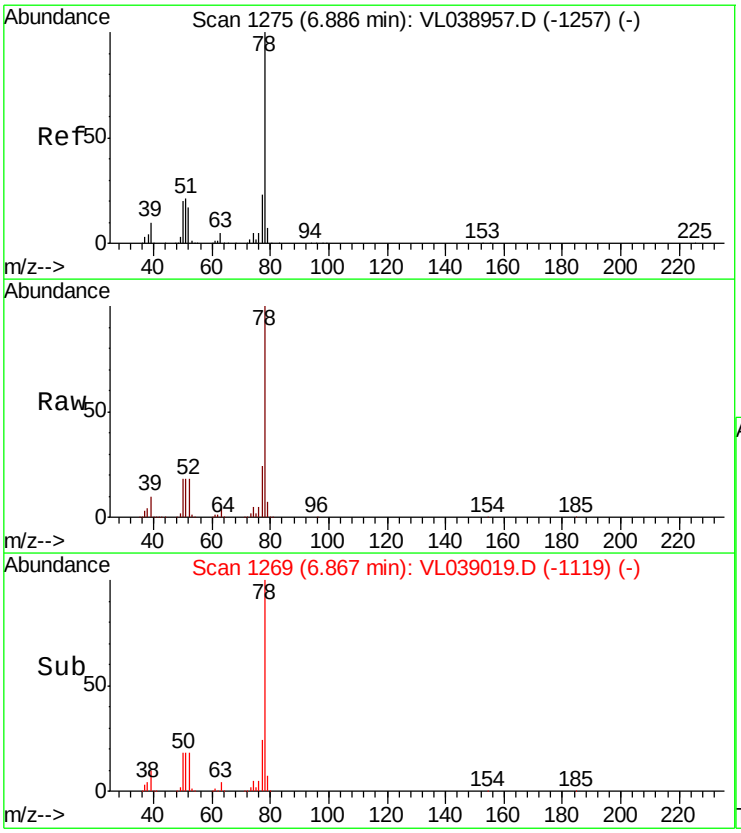
#35
Carbon Tetrachloride
Concen: 8.523 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 1618261

Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.2	112.8
121	31.6	24.6	37.0

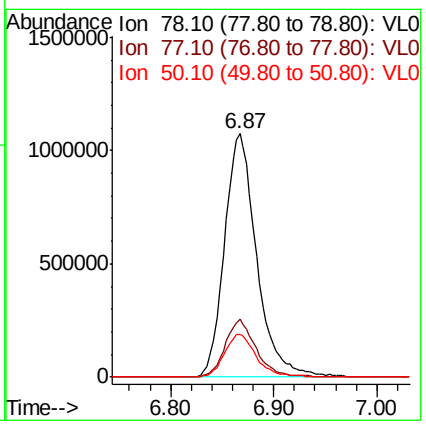


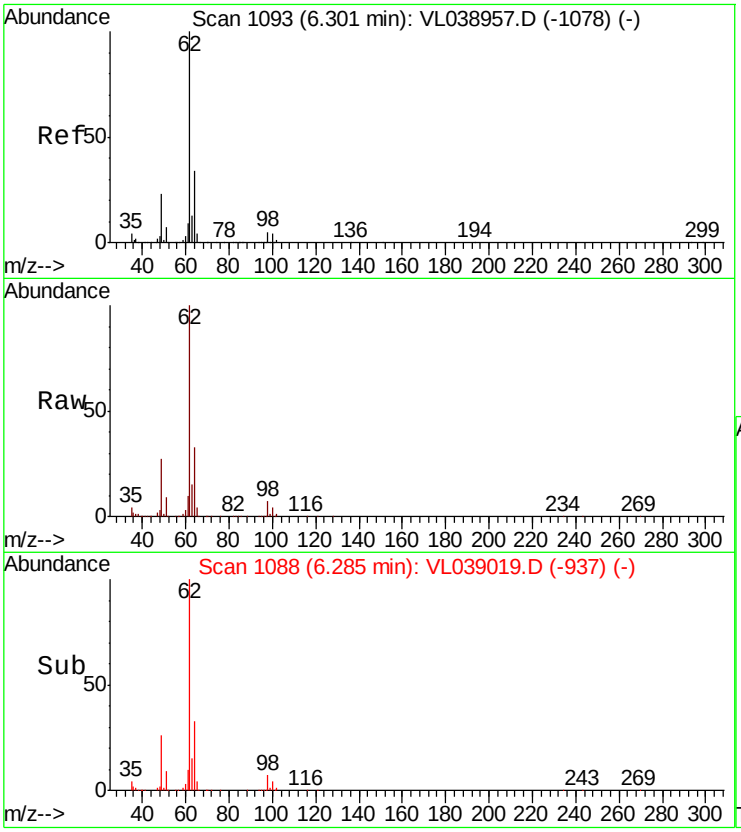


#36
Benzene
Concen: 9.465 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 78 Resp: 2333947

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	28.0
50	17.5	15.6	23.4



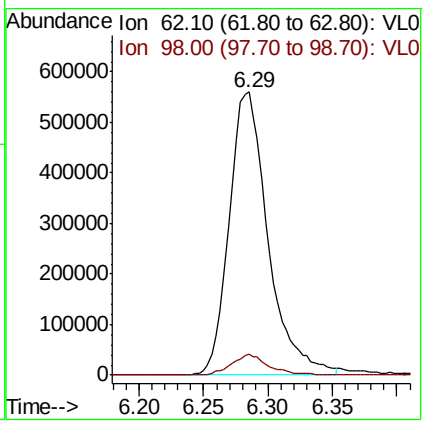


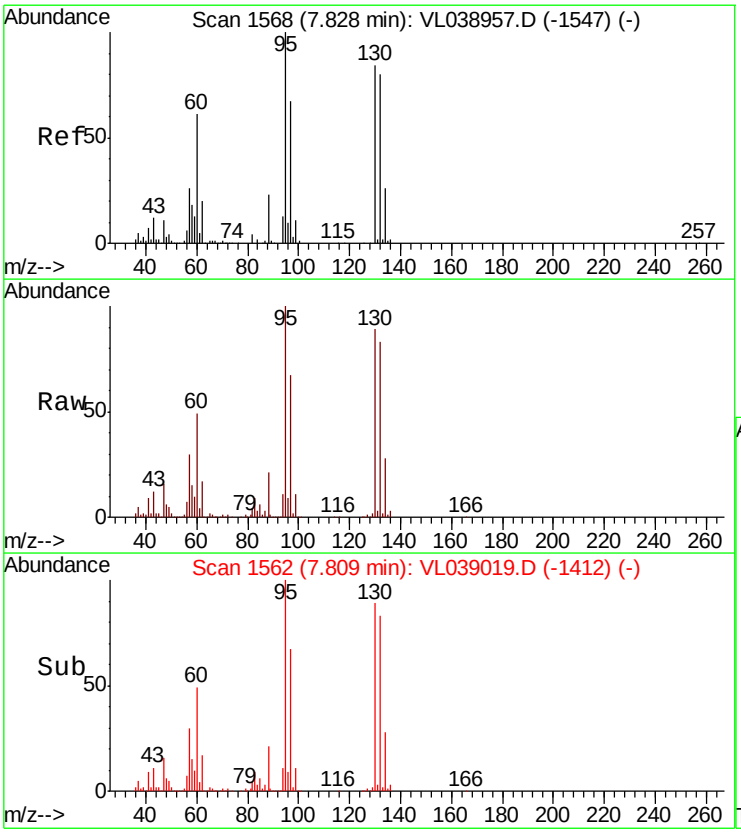
#37
1,2-Dichloroethane
Concen: 7.716 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1177292

Ion	Ratio	Lower	Upper
62	100		
98	7.1	4.5	6.7#

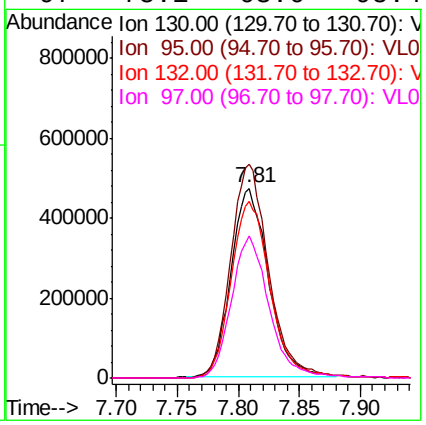


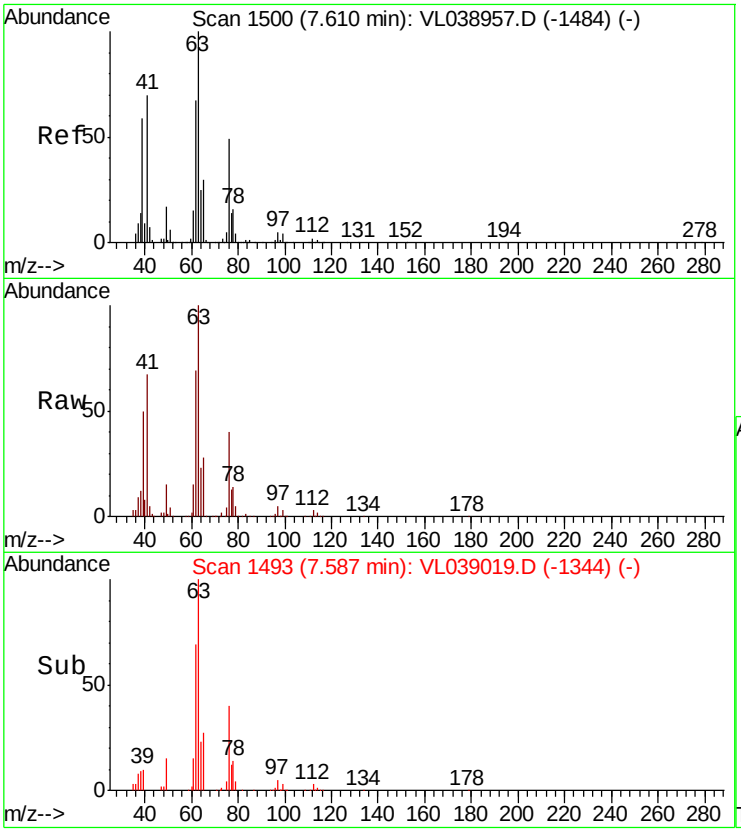


#38
Trichloroethene
Concen: 9.222 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:130 Resp: 1011000

Ion	Ratio	Lower	Upper
130	100		
95	112.8	94.8	142.2
132	93.4	75.8	113.8
97	75.1	63.6	95.4



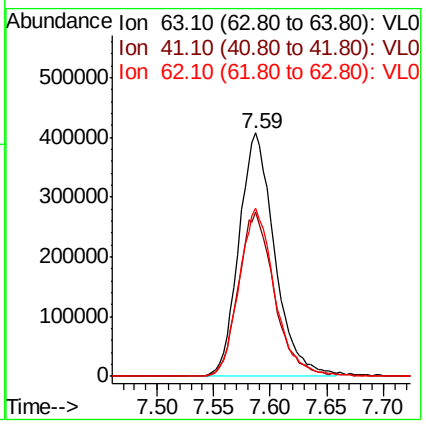


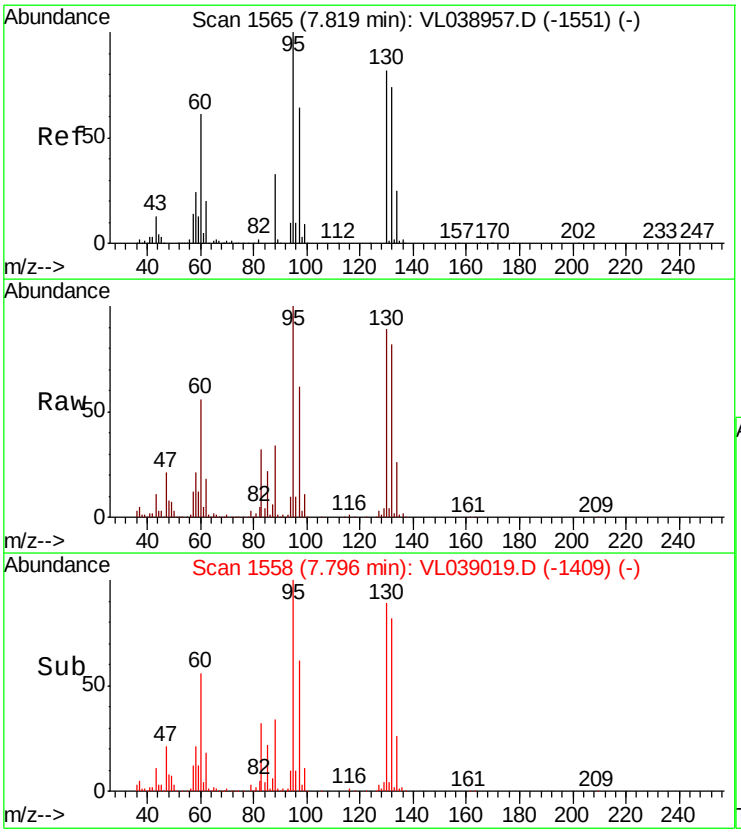
#39
1,2-Dichloropropane
Concen: 9.326 ppbv
RT: 7.59
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 894868

Ion	Ratio	Lower	Upper
63	100		
41	67.2	55.9	83.9
62	68.9	53.8	80.6

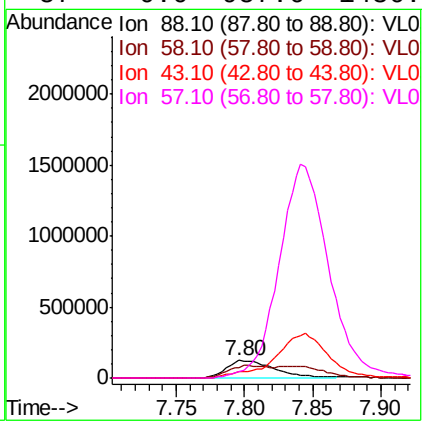


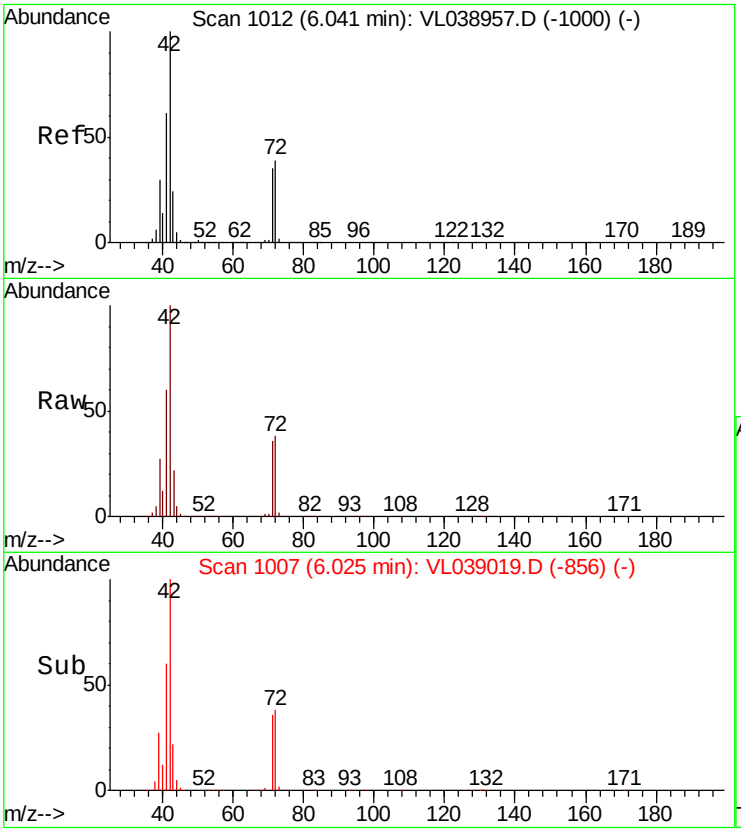


#40
1,4-Dioxane
Concen: 8.773 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 88 Resp: 302332

Ion	Ratio	Lower	Upper
88	100		
58	58.6	106.1	159.1#
43	0.0	222.9	334.3#
57	0.0	957.6	1436.4#



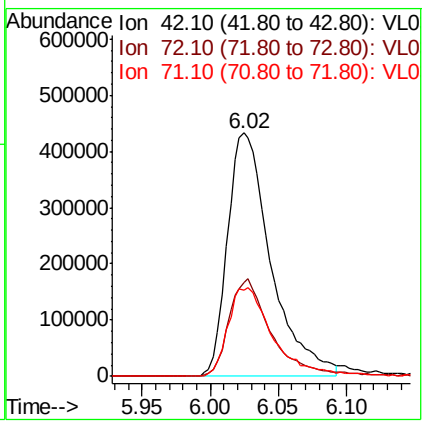


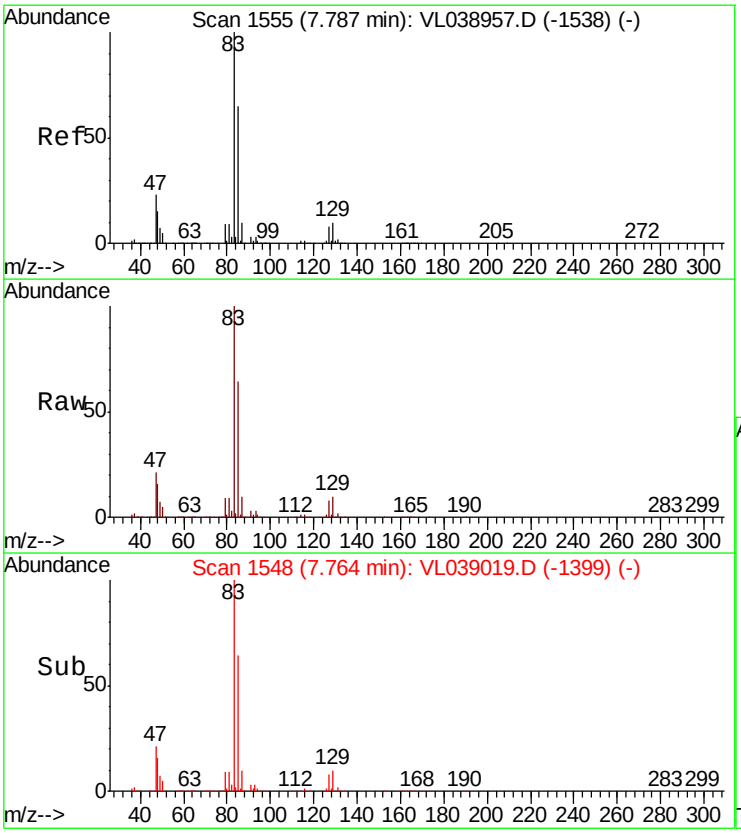
#41
Tetrahydrofuran
Concen: 9.693 ppbv
RT: 6.02
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 957642

Ion	Ratio	Lower	Upper
42	100		
72	39.7	31.8	47.6
71	38.6	30.6	45.8

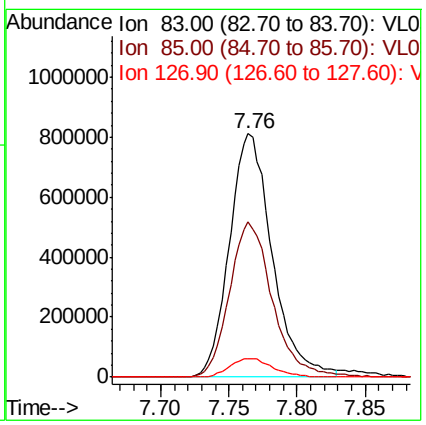


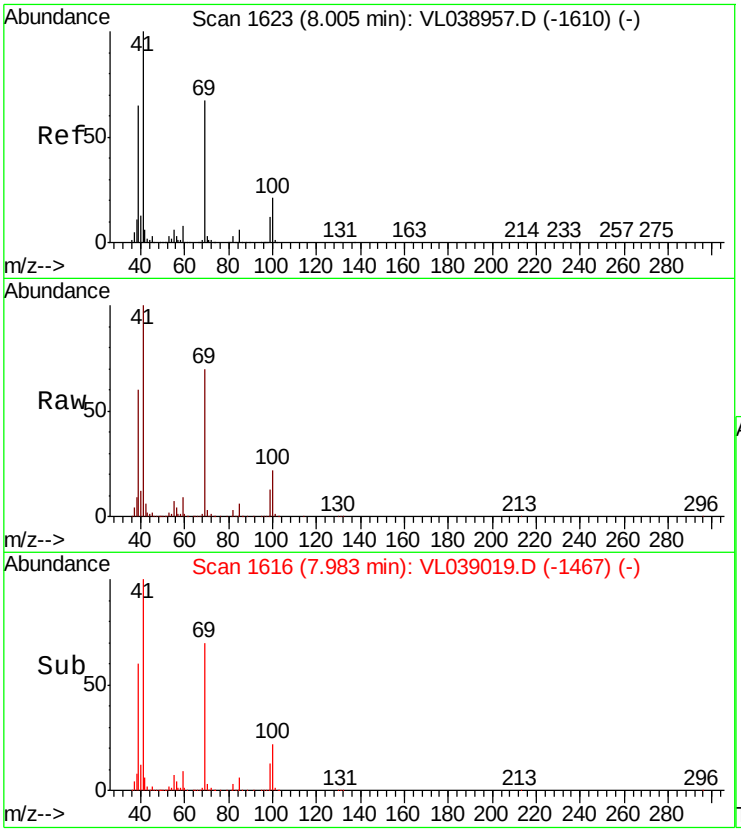


#42
Bromodichloromethane
Concen: 8.440 ppbv
RT: 7.76 min Scan# 1548
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 83 Resp: 1760532

Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.0	78.0
127	7.6	6.0	9.0



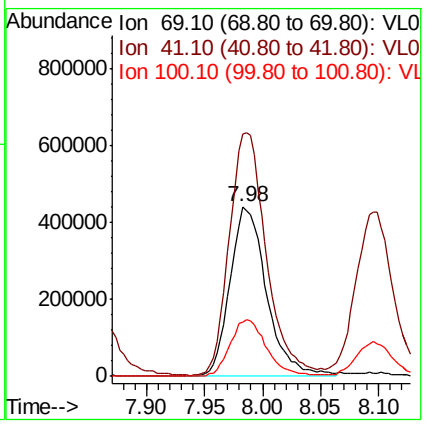


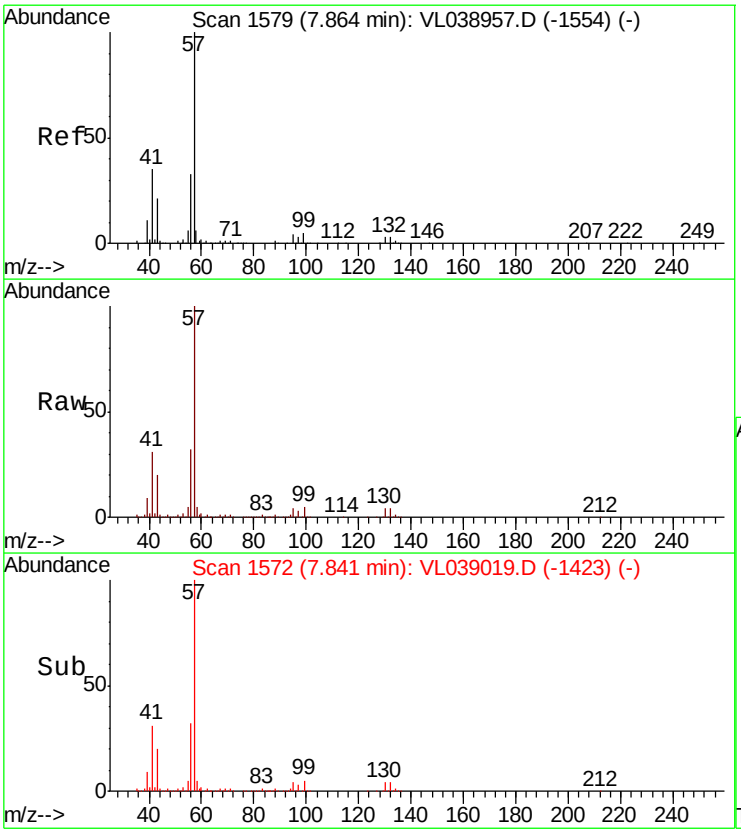
#43
Methyl Methacrylate
Concen: 9.637 ppbv
RT: 7.98
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 964741

Ion	Ratio	Lower	Upper
69	100		
41	145.8	121.9	182.9
100	33.6	24.6	36.8

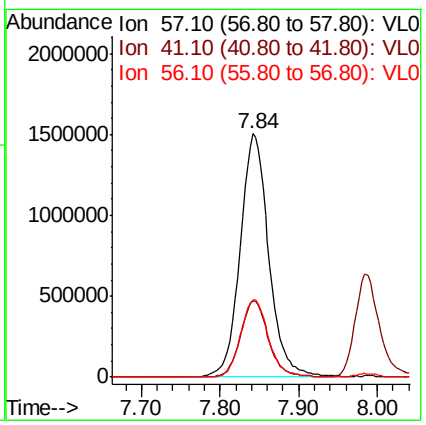


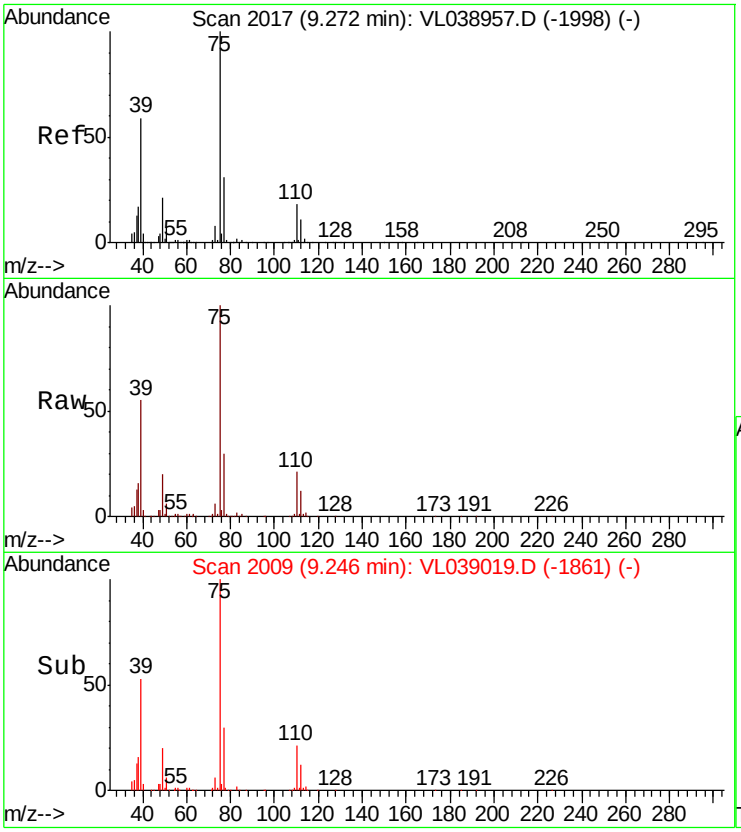


#44
2,2,4-Trimethylpentane
Concen: 8.872 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 57 Resp: 3838755

Ion	Ratio	Lower	Upper
57	100		
41	30.5	26.3	39.5
56	31.2	24.6	37.0



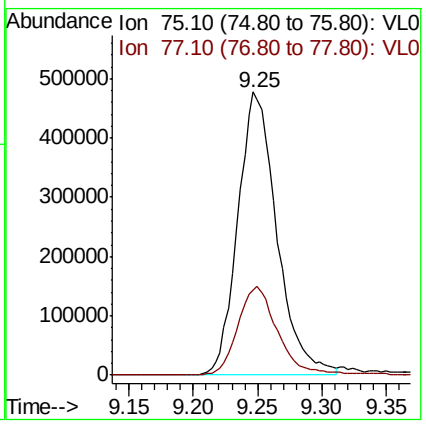


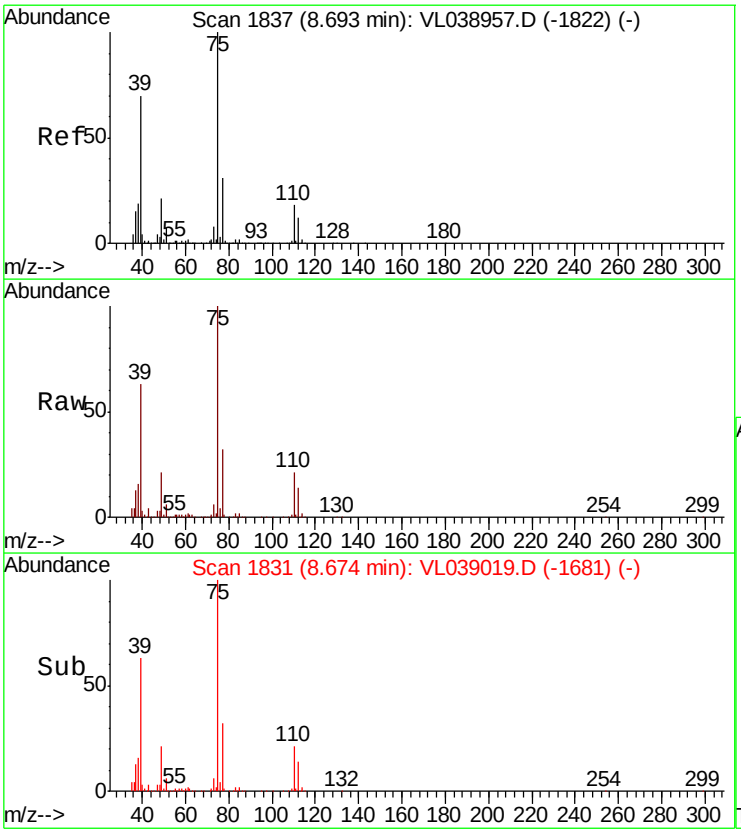
#45
t-1,3-Dichloropropene
Concen: 10.381 ppbv
RT: 9.25
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 1005940

Ion	Ratio	Lower	Upper
75	100		
77	29.8	24.6	37.0

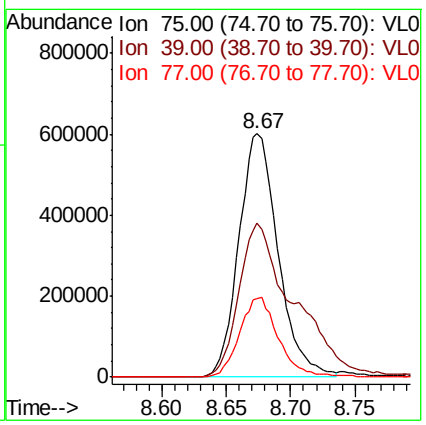


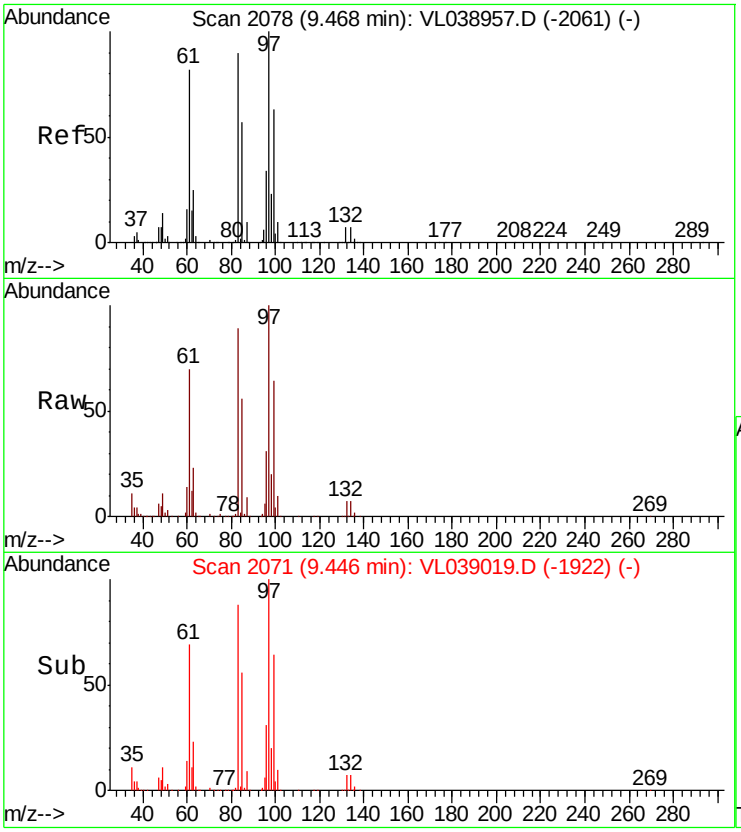


#46
cis-1,3-Dichloropropene
Concen: 9.961 ppbv
RT: 8.67 min Scan# 1831
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 75 Resp: 1280093

Ion	Ratio	Lower	Upper
75	100		
39	63.2	55.8	83.6
77	32.1	24.8	37.2



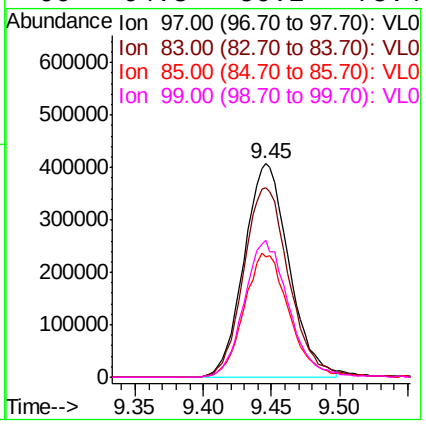


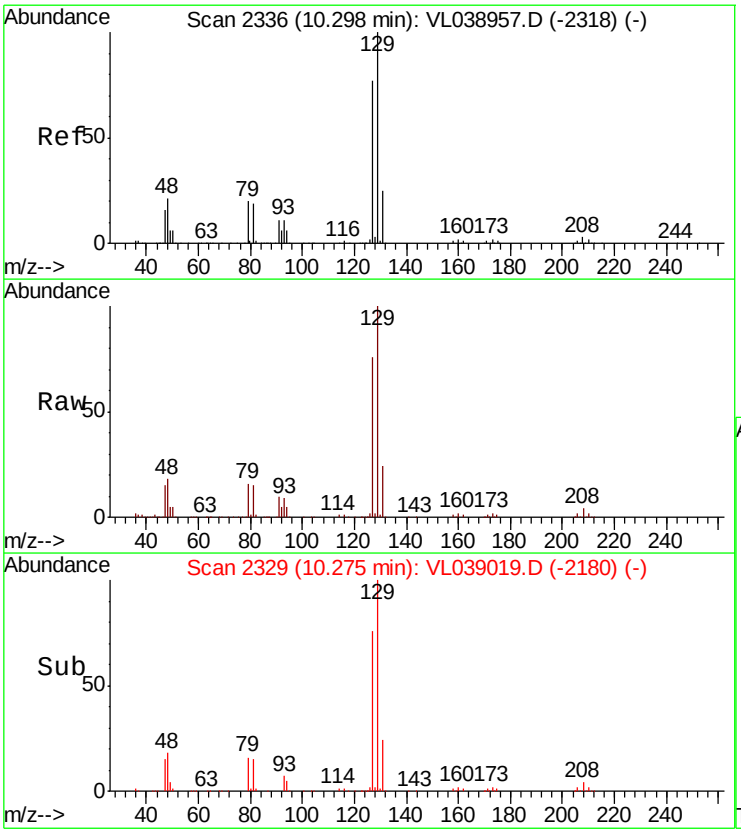
#47
1,1,2-Trichloroethane
Concen: 9.315 ppbv
RT: 9.45
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 929581

Ion	Ratio	Lower	Upper
97	100		
83	88.5	72.0	108.0
85	56.3	45.7	68.5
99	64.3	50.2	75.4

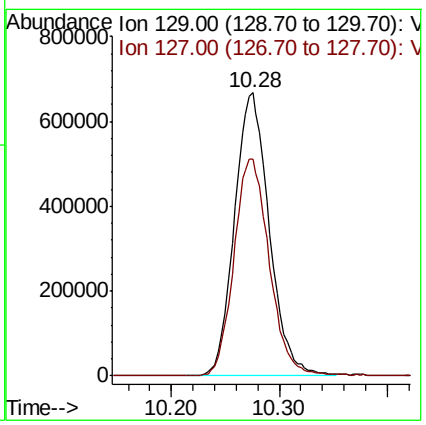


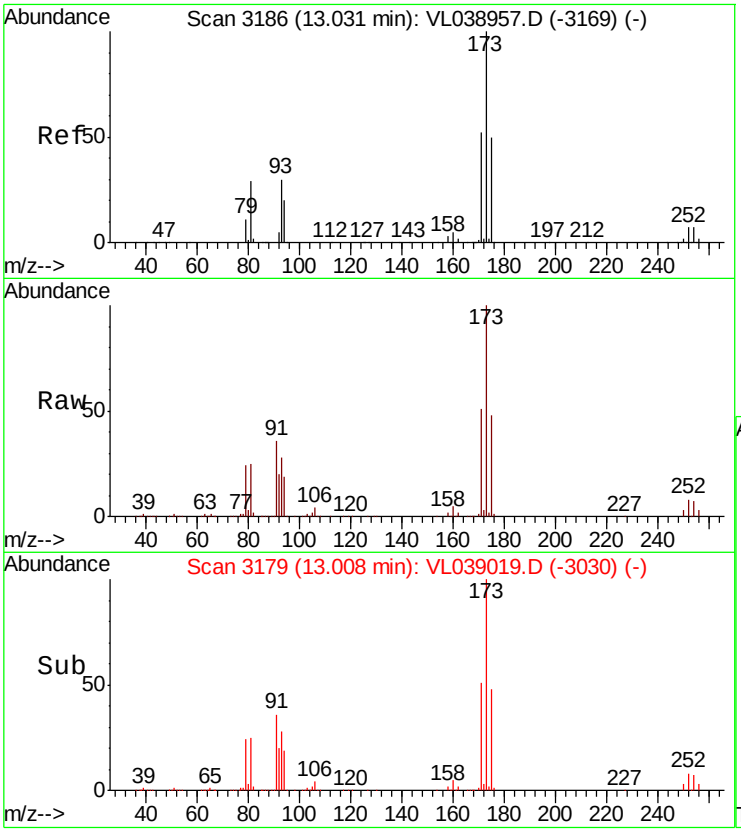


#48
Dibromochloromethane
Concen: 9.229 ppbv
RT: 10.28 min Scan# 2329
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:129 Resp: 1498985

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.3	117.9



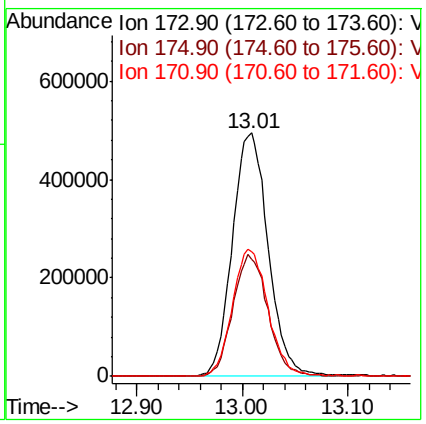


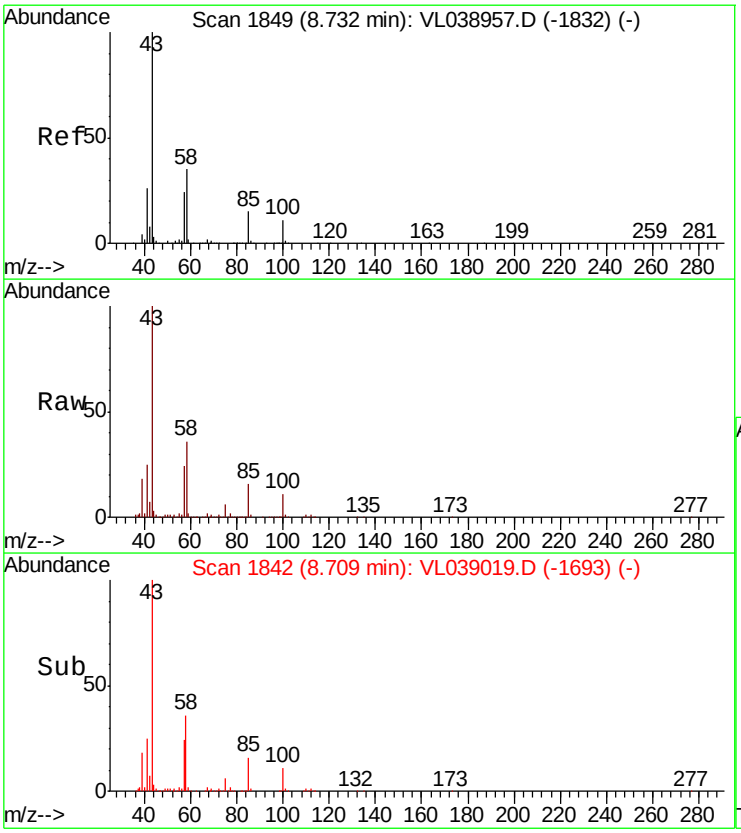
#49
Bromoform
Concen: 9.421 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 1166998

Ion	Ratio	Lower	Upper
173	100		
175	49.1	41.0	61.6
171	52.2	42.6	64.0

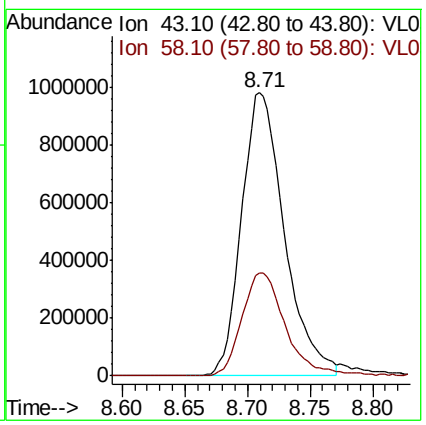


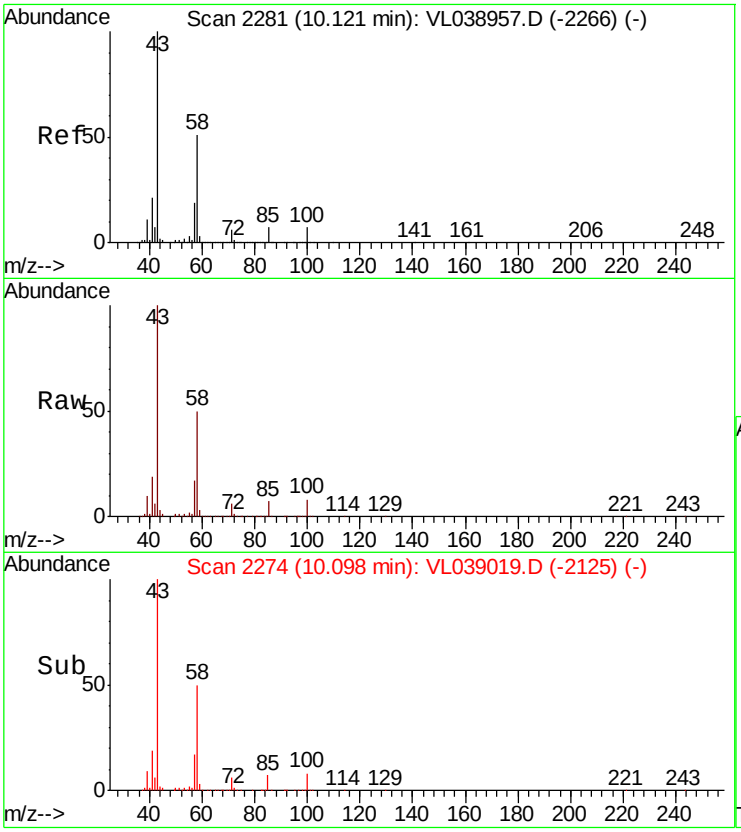


#50
4-Methyl-2-Pentanone
Concen: 9.049 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 43 Resp: 2332599

Ion	Ratio	Lower	Upper
43	100		
58	37.6	28.4	42.6



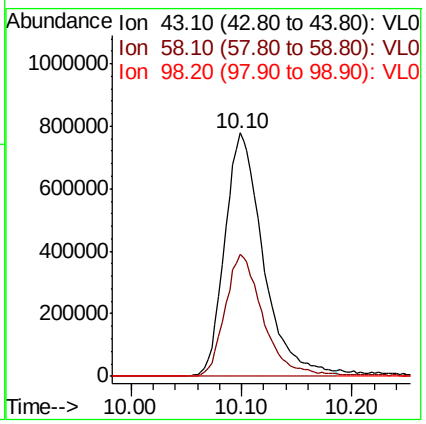


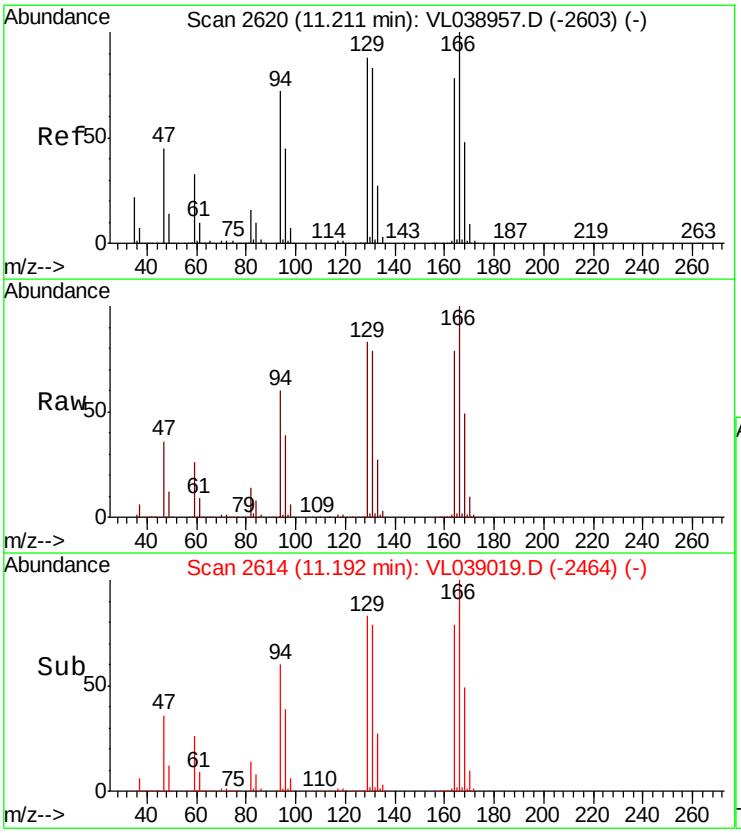
#51
2-Hexanone
Concen: 9.978 ppbv
RT: 10.10
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1877196

Ion	Ratio	Lower	Upper
43	100		
58	50.5	39.3	58.9
98	0.0	0.2	0.2#

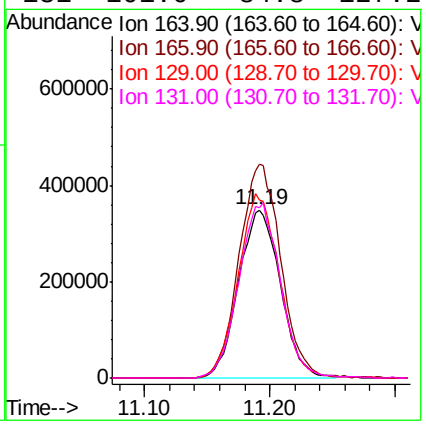


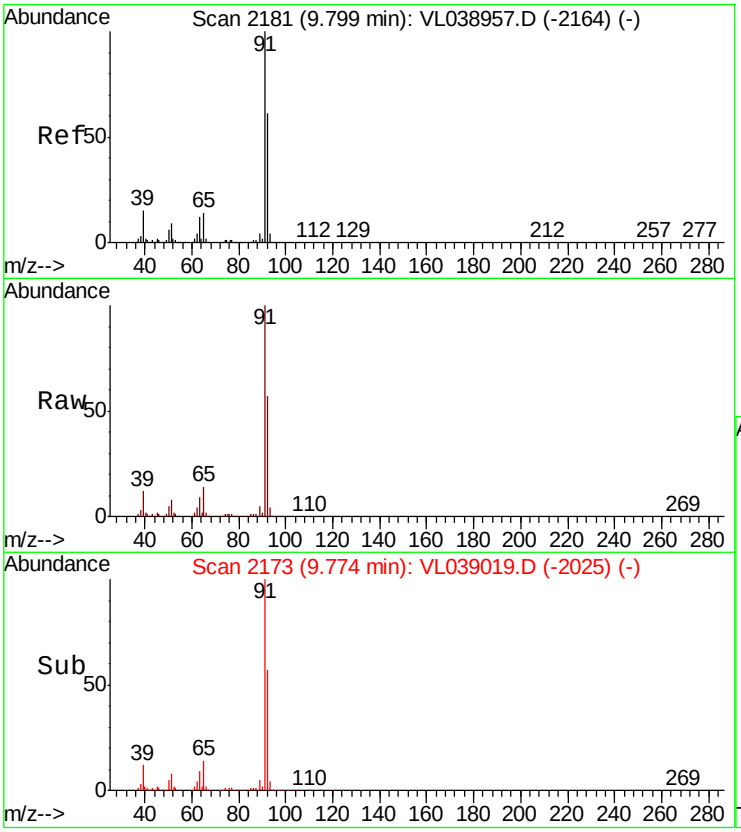


#52
Tetrachloroethene
Concen: 9.168 ppbv
RT: 11.19 min Scan# 2614
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:164 Resp: 807854

Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.5	153.7
129	106.1	90.1	135.1
131	101.0	84.8	127.2



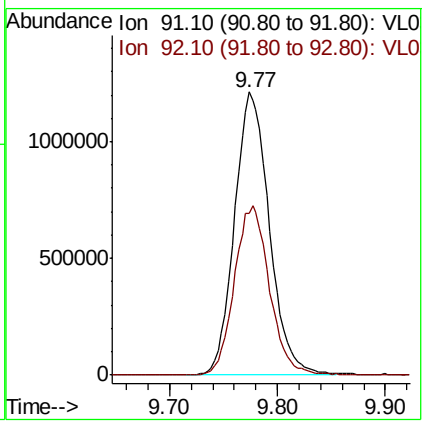


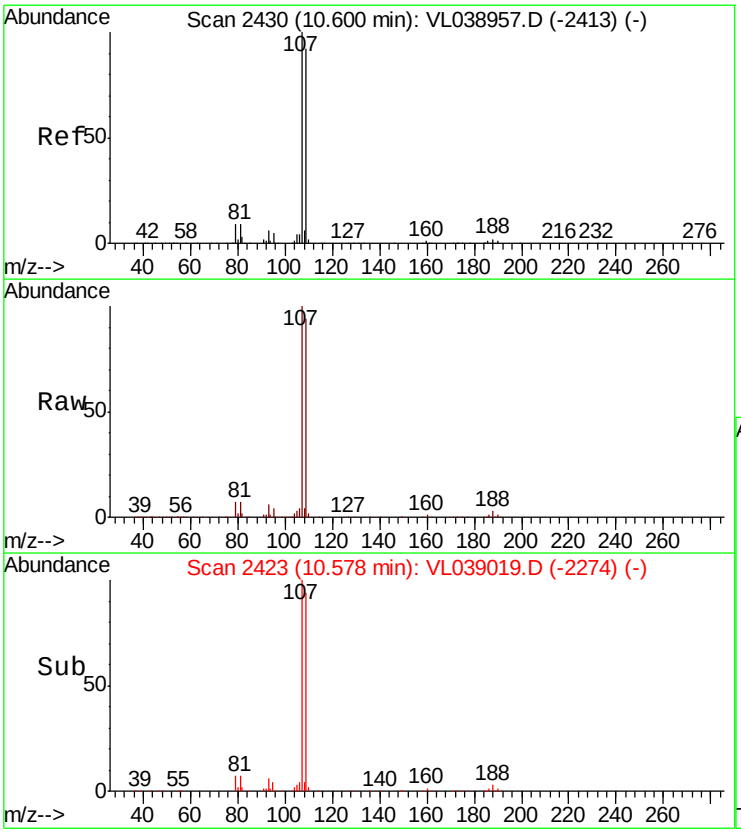
#53
Toluene
Concen: 9.865 ppbv
RT: 9.77
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2726504

Ion	Ratio	Lower	Upper
91	100		
92	60.6	48.2	72.2

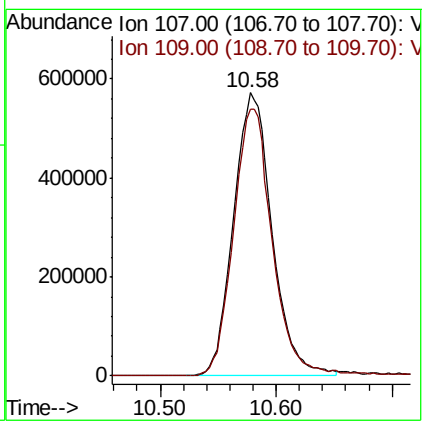


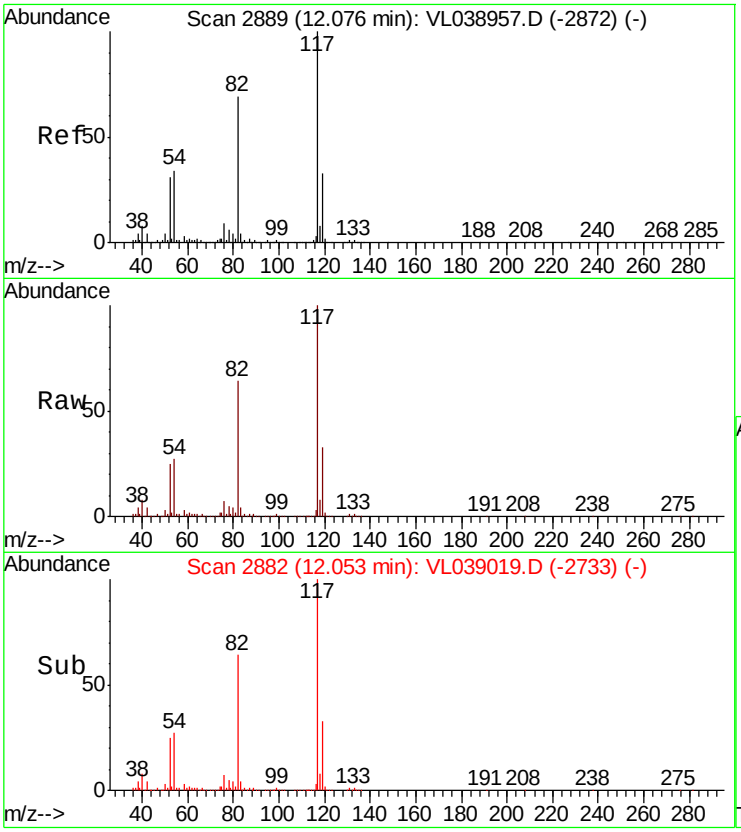


#54
1,2-Dibromoethane
Concen: 9.718 ppbv
RT: 10.58 min Scan# 2423
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:107 Resp: 1320218

Ion	Ratio	Lower	Upper
107	100		
109	94.0	73.8	110.8



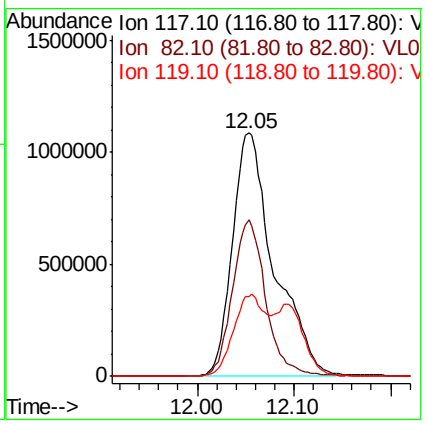


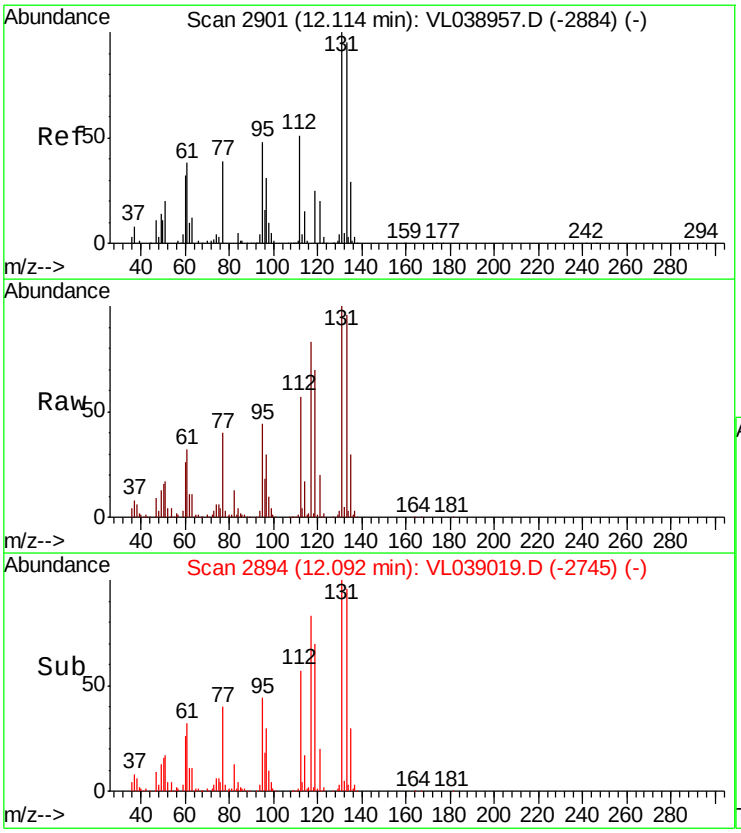
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 3266304

Ion	Ratio	Lower	Upper
117	100		
82	51.5	57.0	85.6#
119	26.3	27.2	40.8#

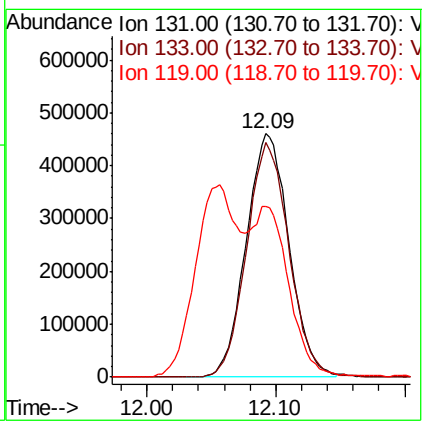


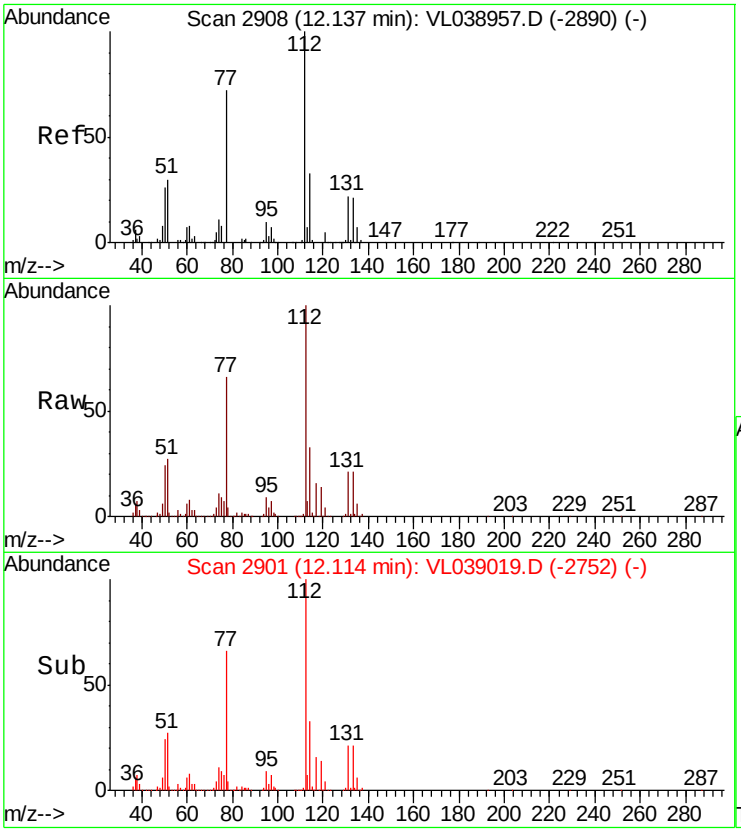


#56
1,1,1,2-Tetrachloroethane
Concen: 7.414 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:131 Resp: 1062467

Ion	Ratio	Lower	Upper
131	100		
133	95.9	76.9	115.3
119	62.9	47.4	71.0



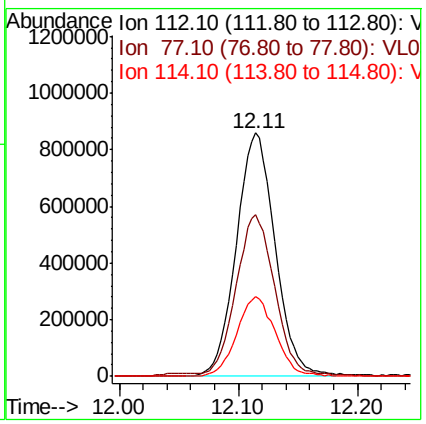


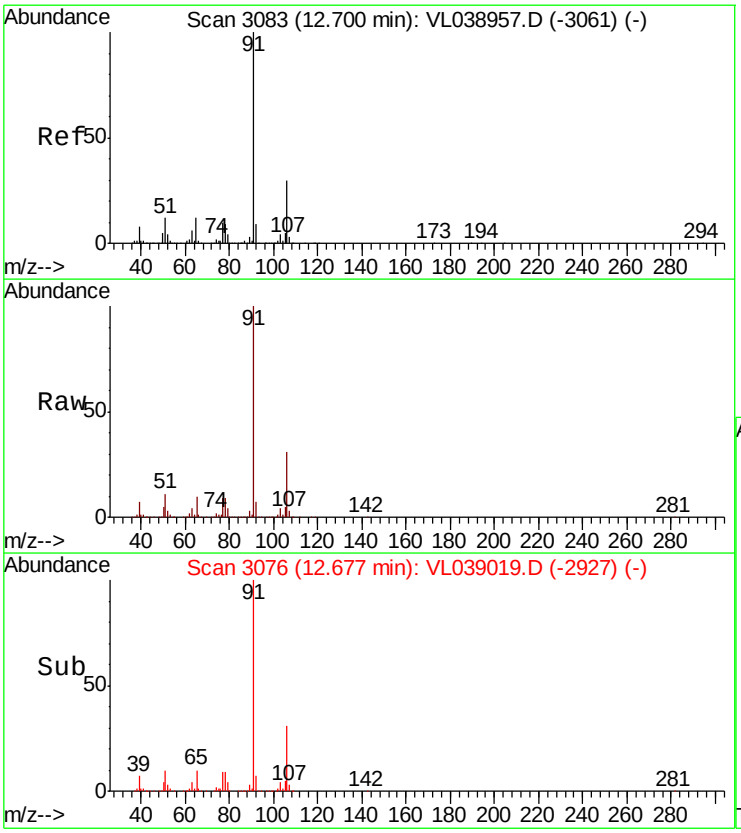
#57
Chlorobenzene
Concen: 7.911 ppbv
RT: 12.11
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 1936810

Ion	Ratio	Lower	Upper
112	100		
77	65.6	57.7	86.5
114	32.5	30.1	36.7

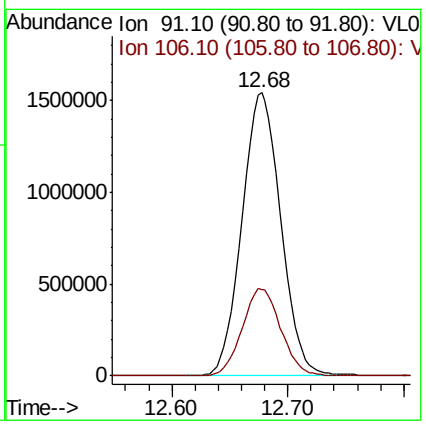


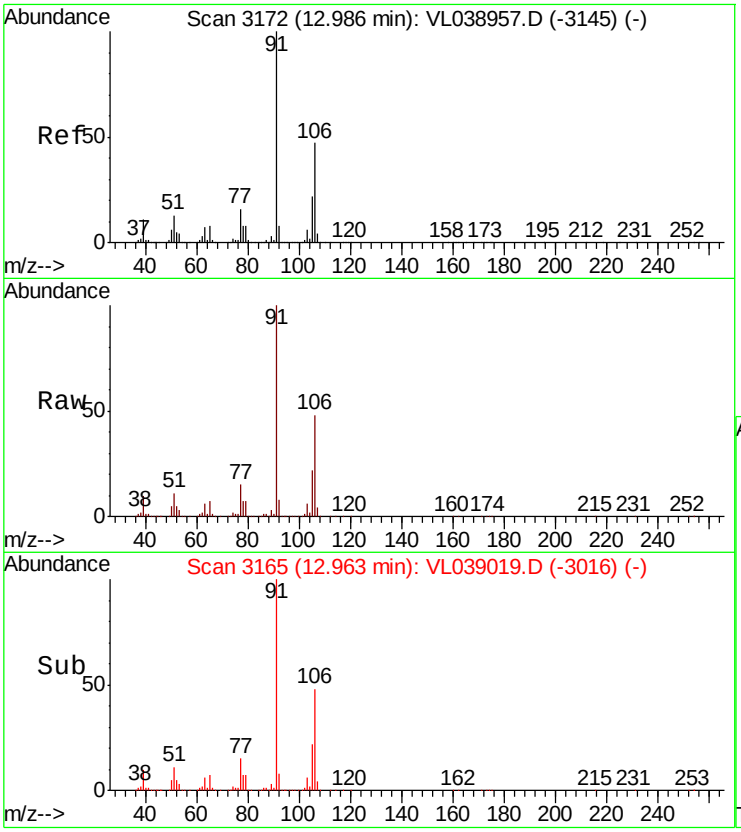


#58
Ethyl Benzene
Concen: 7.657 ppbv
RT: 12.68 min Scan# 3076
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 91 Resp: 3599131

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.2	36.4



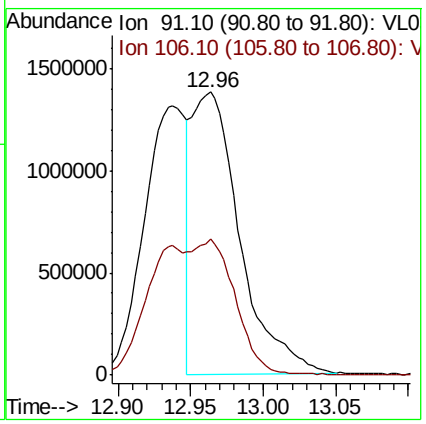


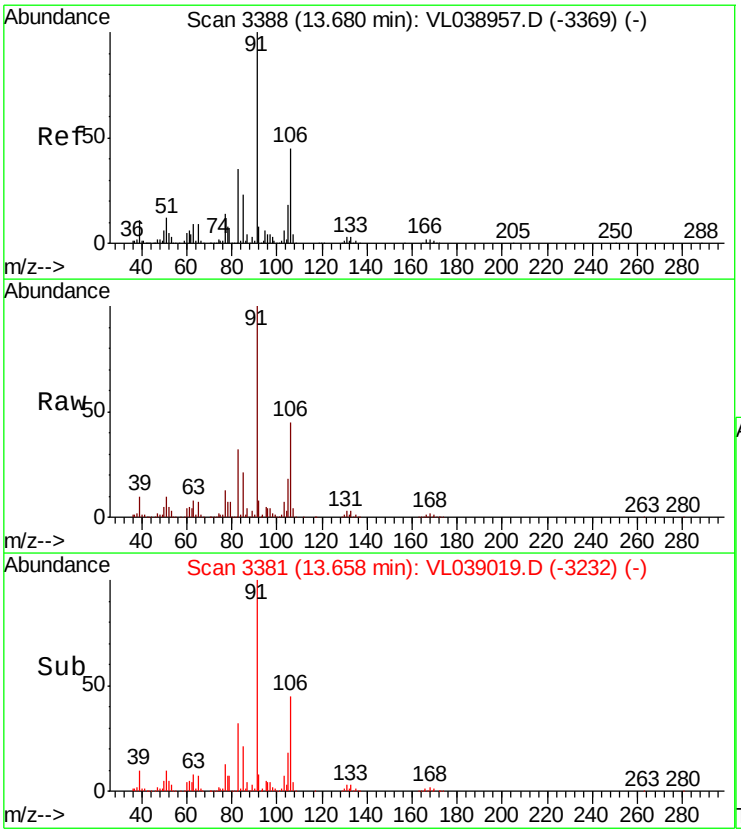
#59
m/p-Xylene
Concen: 7.834 ppbv
RT: 12.96
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3143643

Ion	Ratio	Lower	Upper
91	100		
106	83.4	34.6	52.0#

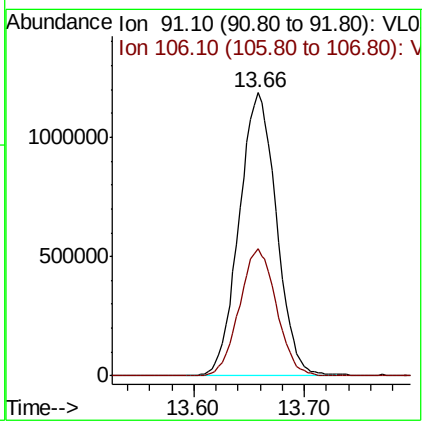


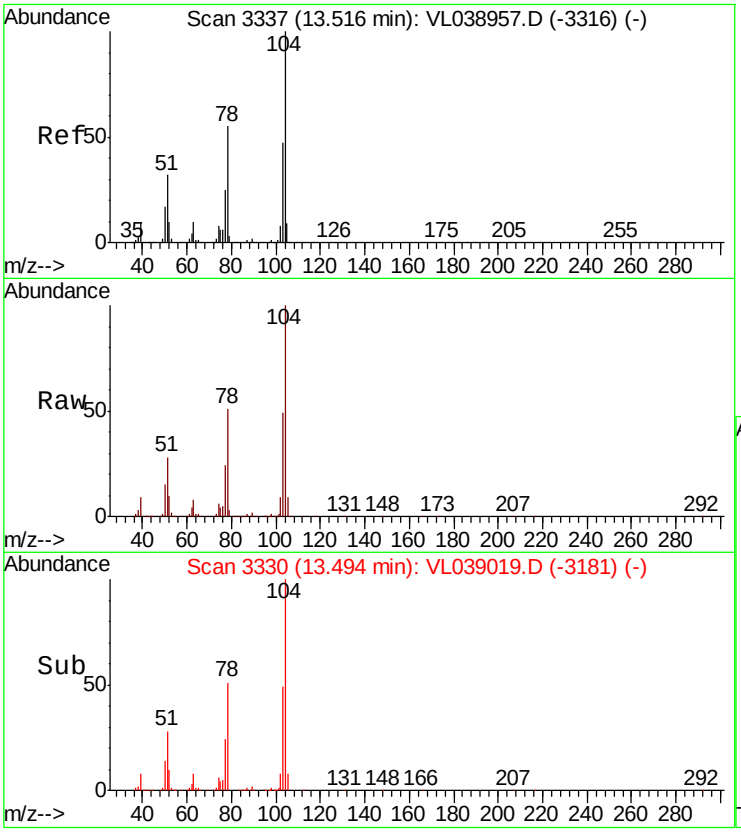


#60
o-Xylene
Concen: 7.351 ppbv
RT: 13.66 min Scan# 3381
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 91 Resp: 2776447

Ion	Ratio	Lower	Upper
91	100		
106	45.0	22.2	66.6



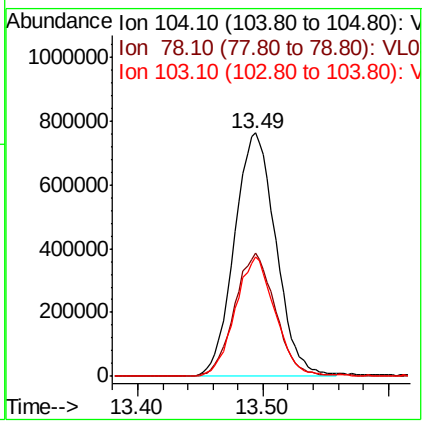


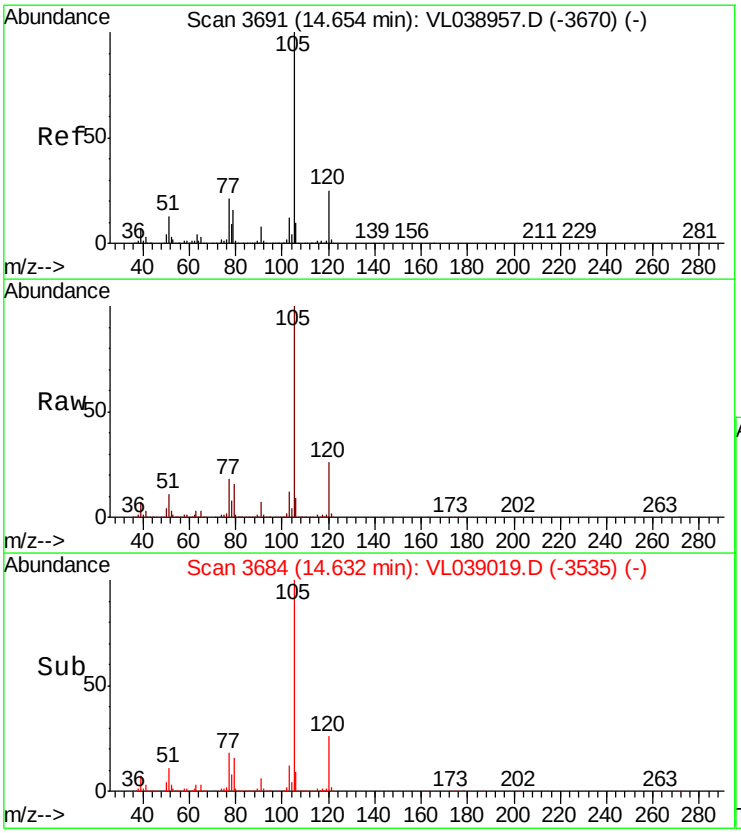
#61
Stvrene
Concen: 8.681 ppbv
RT: 13.49
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 1750479

Ion	Ratio	Lower	Upper
104	100		
78	50.0	46.4	69.6
103	47.7	39.3	58.9

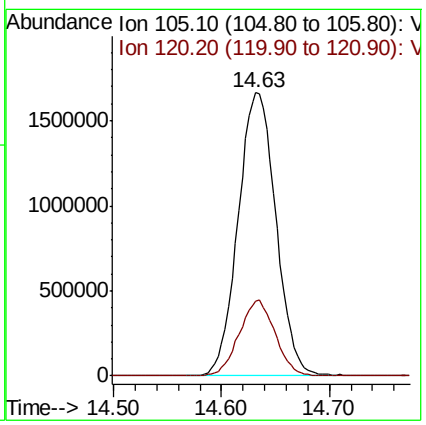


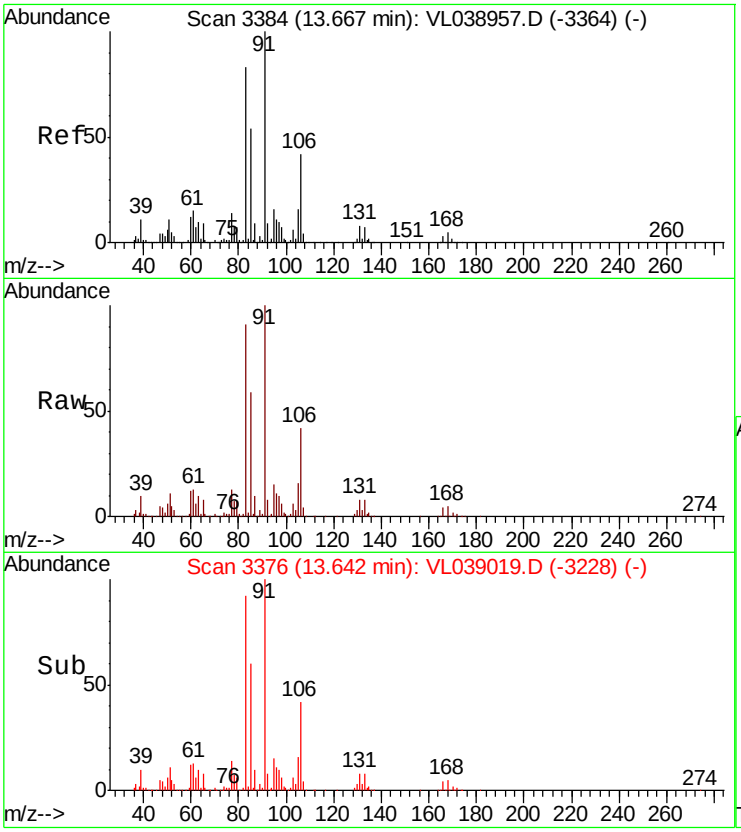


#62
Isopropylbenzene
Concen: 7.344 ppbv
RT: 14.63 min Scan# 3684
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:105 Resp: 4056470

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.5	30.7



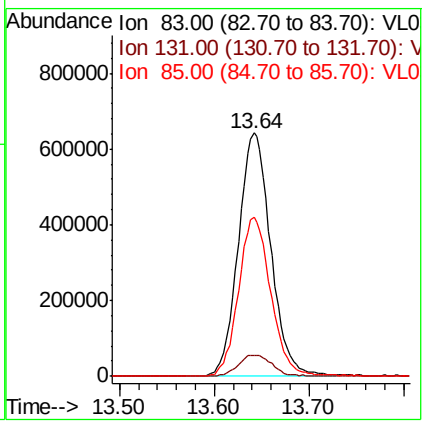


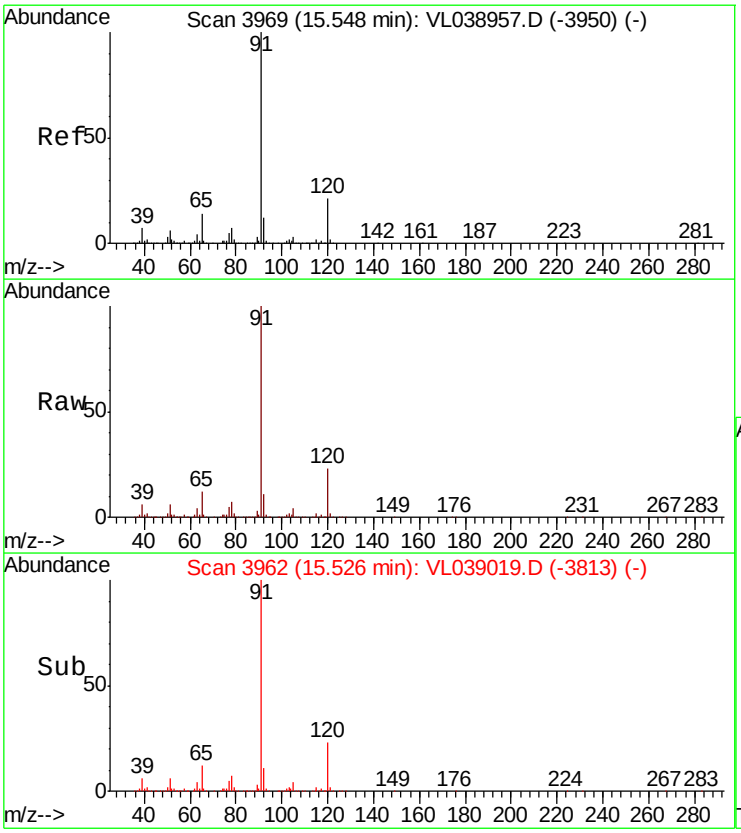
#63
1,1,2,2-Tetrachloroethane
Concen: 6.891 ppbv
RT: 13.64
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1532654

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.5	13.7
85	65.6	32.8	98.3

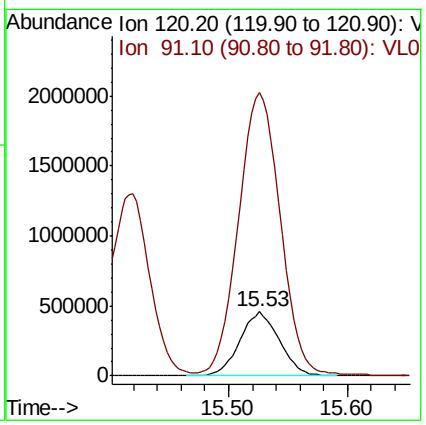


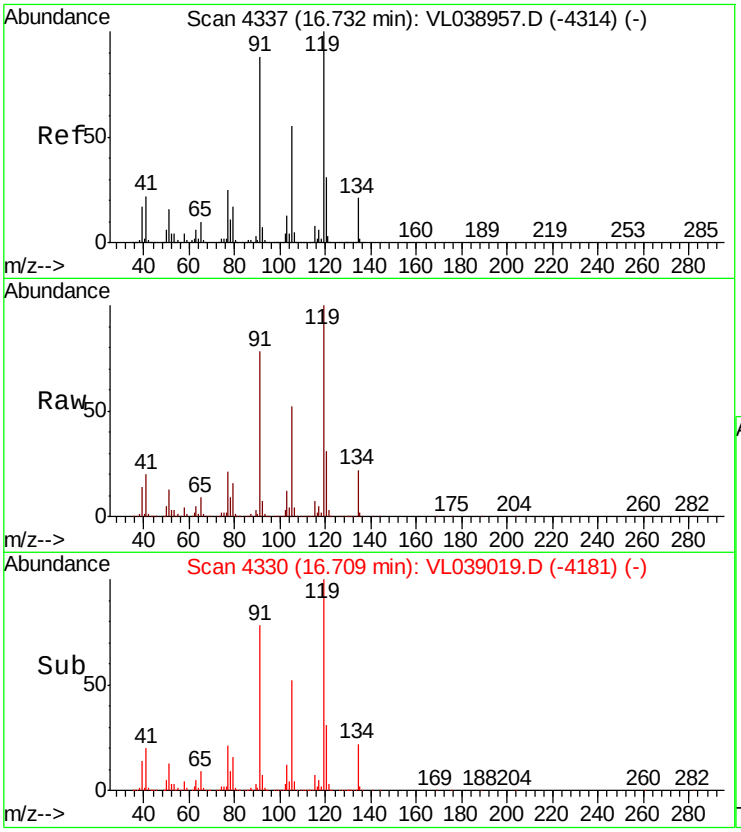


#64
n-propylbenzene
Concen: 7.865 ppbv
RT: 15.53 min Scan# 3962
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:120 Resp: 1050222

Ion	Ratio	Lower	Upper
120	100		
91	469.3	400.6	601.0



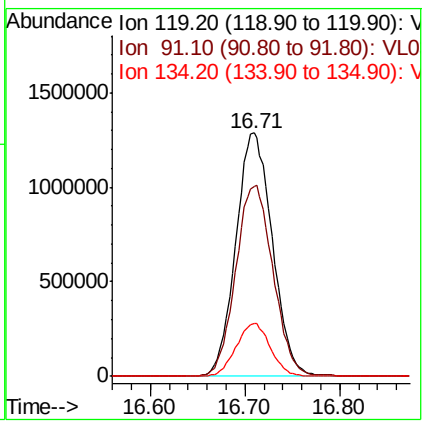


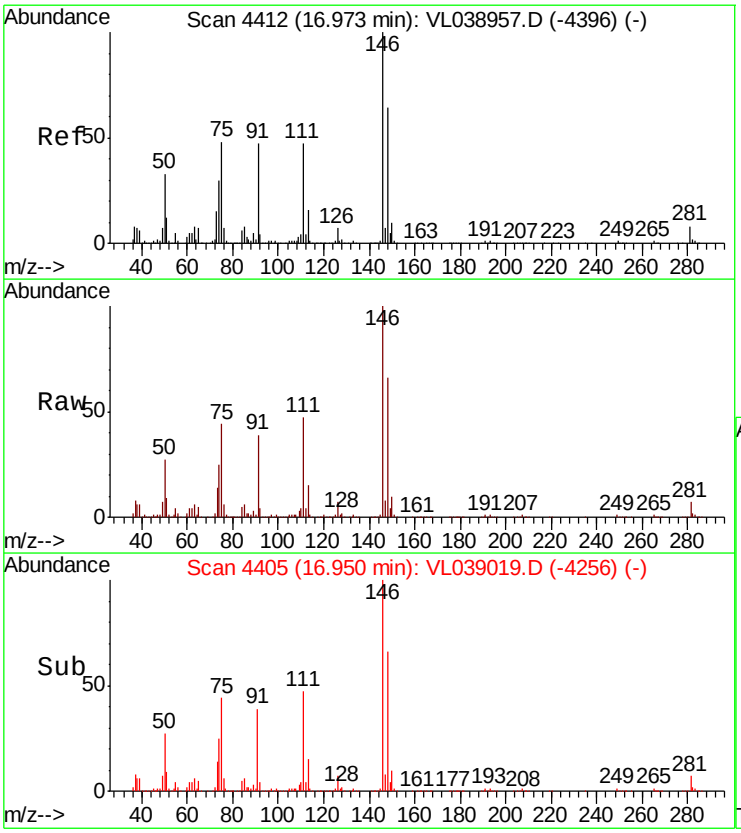
#65
tert-Butylbenzene
Concen: 7.131 ppbv
RT: 16.71
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 3451228

Ion	Ratio	Lower	Upper
119	100		
91	80.4	69.4	104.2
134	20.4	15.8	23.8

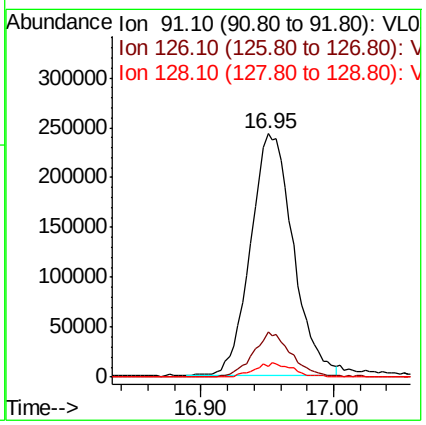


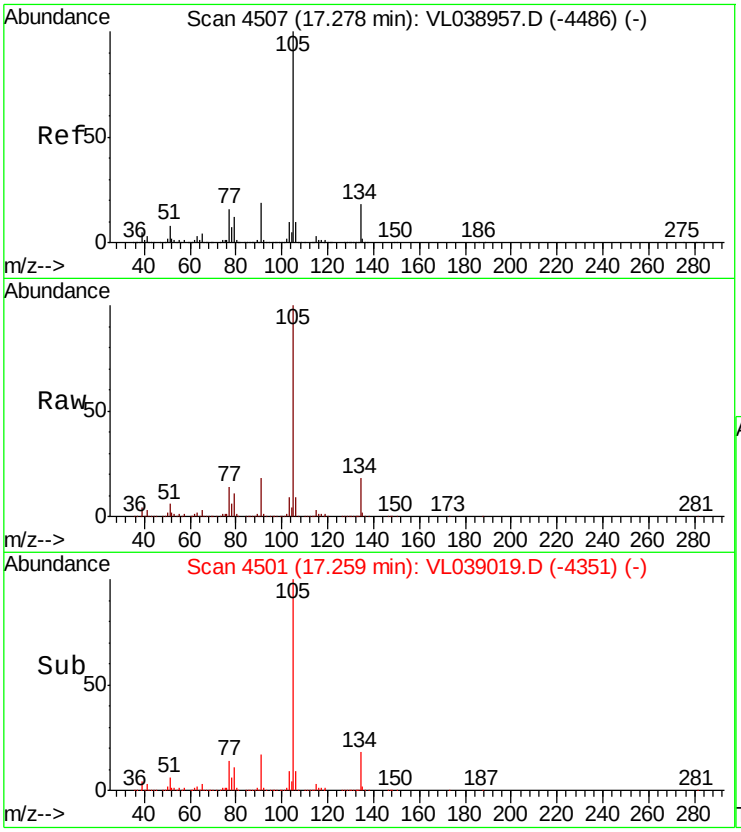


#66
Benzyl Chloride
Concen: 8.558 ppbv
RT: 16.95 min Scan# 4405
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 91 Resp: 541393

Ion	Ratio	Lower	Upper
91	100		
126	17.2	11.8	17.6
128	5.6	4.2	6.2



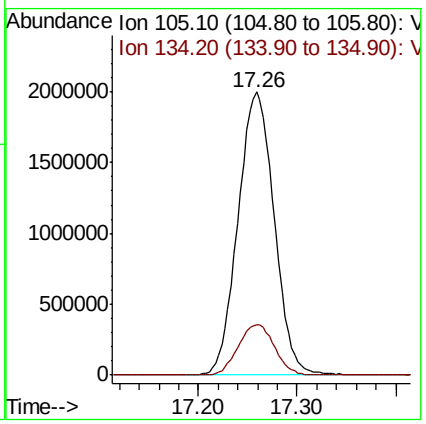


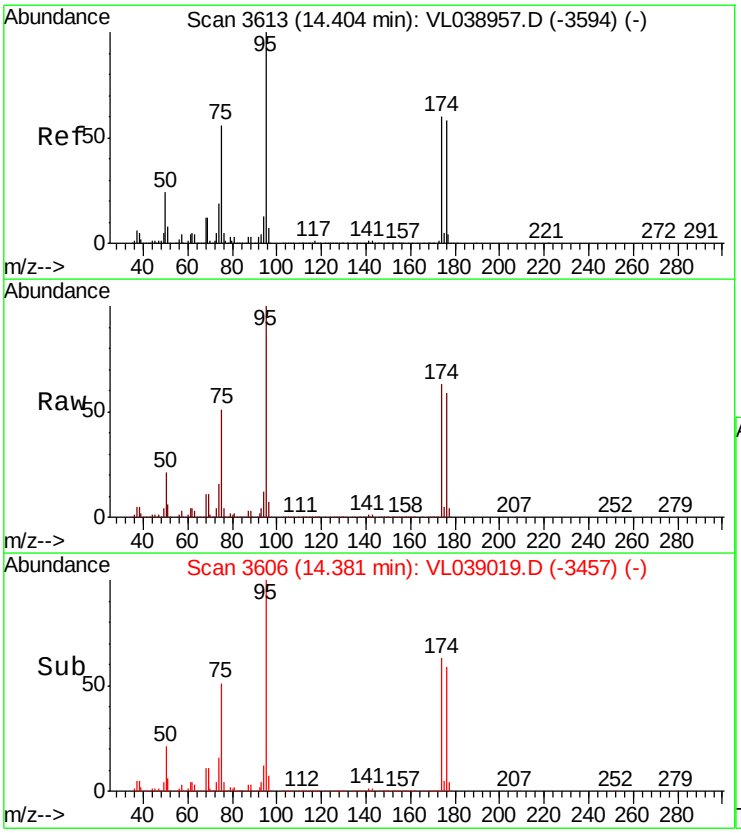
#67
sec-Butylbenzene
Concen: 7.297 ppbv
RT: 17.26
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 5045283

Ion	Ratio	Lower	Upper
105	100		
134	18.0	14.2	21.4

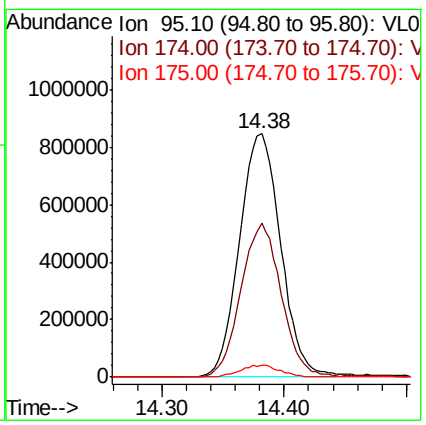


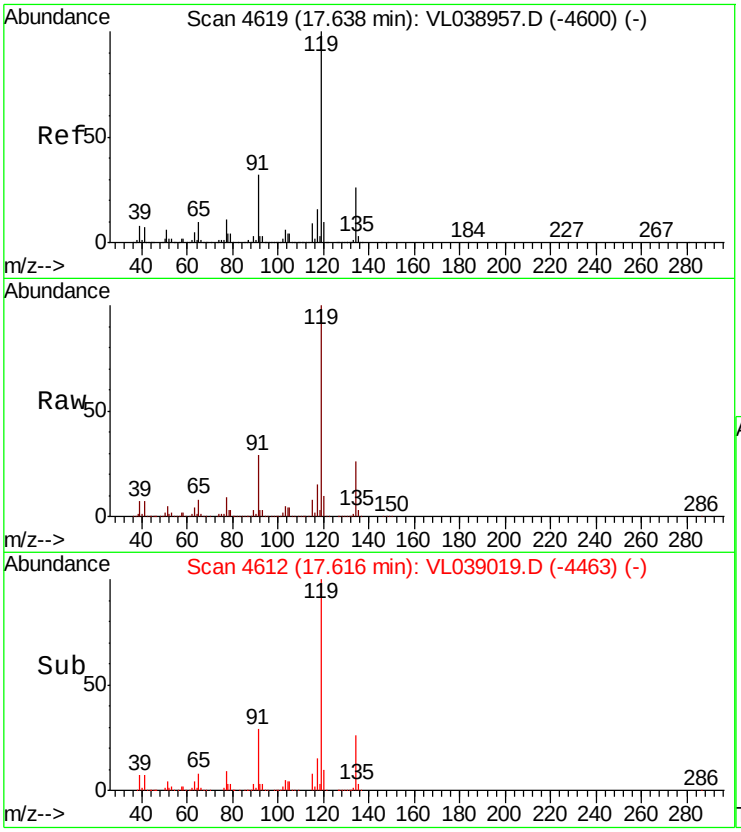


#68
1-Bromo-4-Fluorobenzene
Concen: 7.651 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 95 Resp: 1979005

Ion	Ratio	Lower	Upper
95	100		
174	63.1	50.8	76.2
175	4.9	3.8	5.6



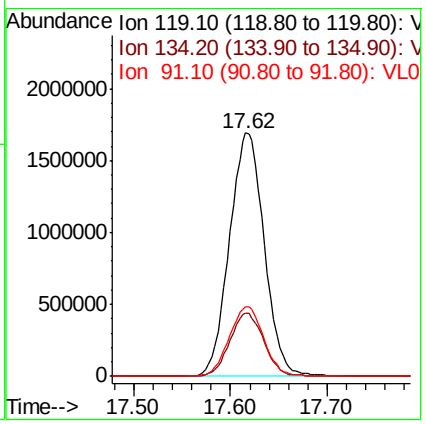


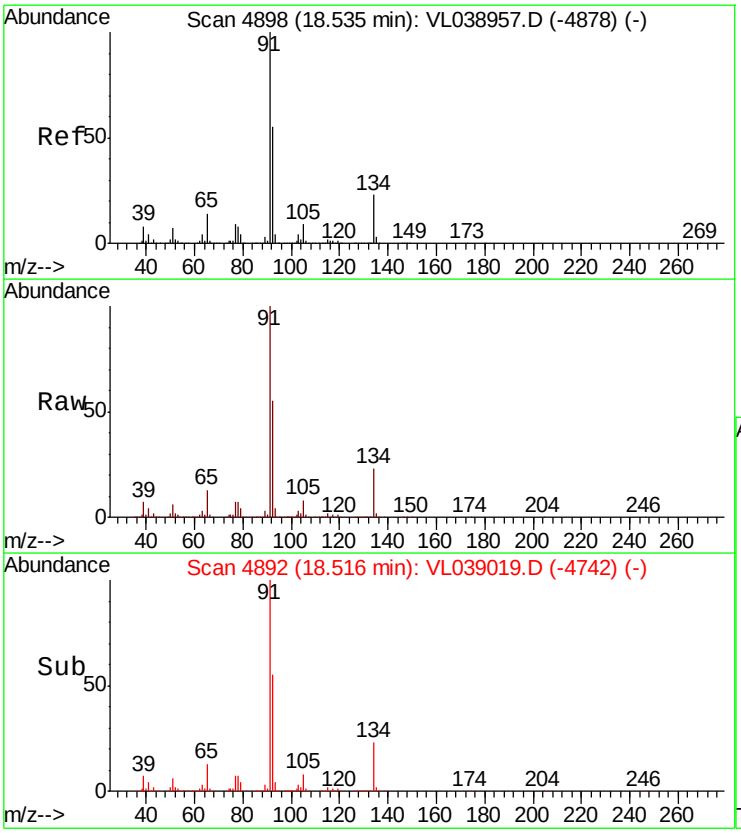
#69
p-Isopropyltoluene
Concen: 7.561 ppbv
RT: 17.62
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 4223586

Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.0	30.0
91	28.2	24.8	37.2

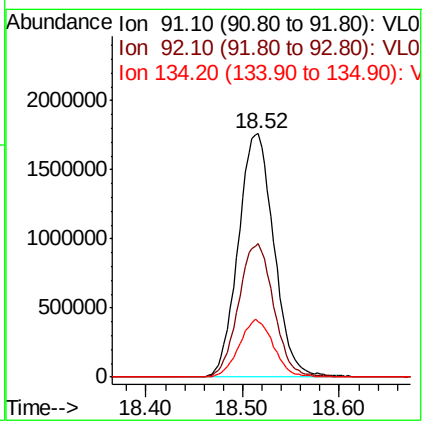


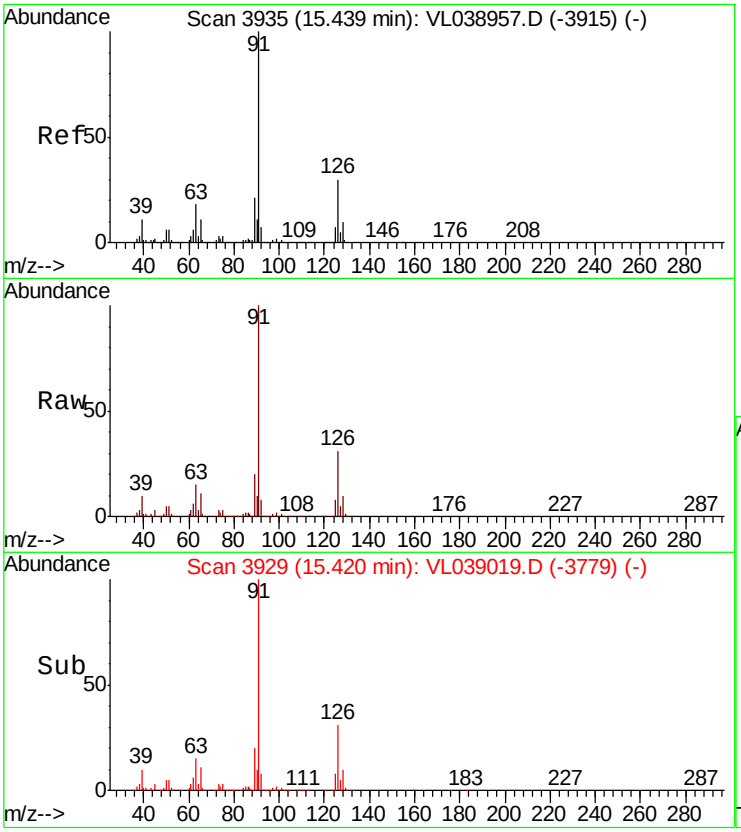


#70
n-Butylbenzene
Concen: 7.591 ppbv
RT: 18.52 min Scan# 4892
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion: 91 Resp: 4504398

Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.1	64.7
134	22.8	17.0	25.4



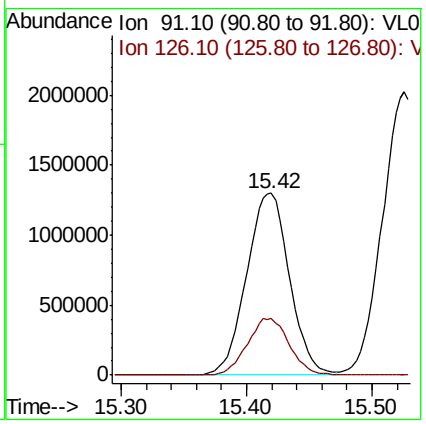


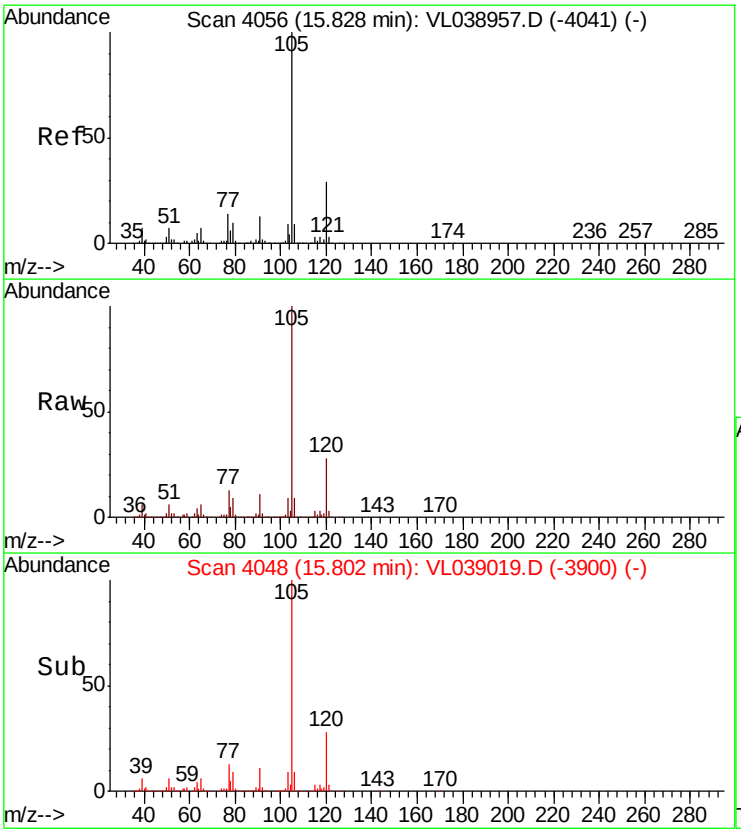
#71
2-Chlorotoluene
Concen: 7.263 ppbv
RT: 15.42
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3092405

Ion	Ratio	Lower	Upper
91	100		
126	30.8	11.9	47.5

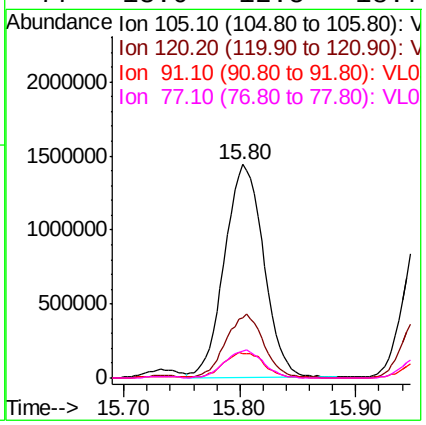


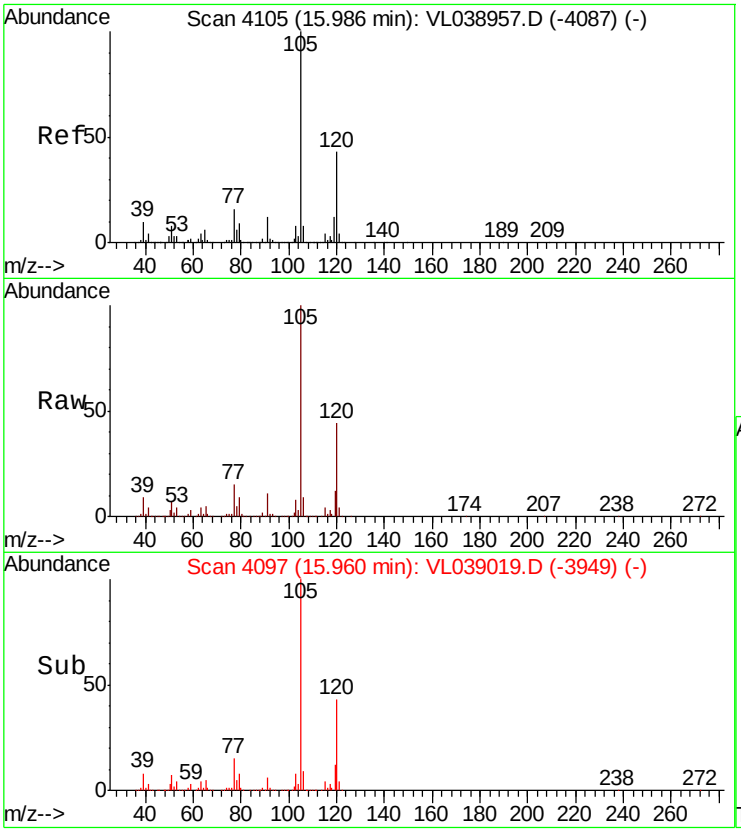


#72
4-Ethyltoluene
Concen: 7.794 ppbv
RT: 15.80 min Scan# 4048
Delta R.T. -0.03 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:105 Resp: 3354520

Ion	Ratio	Lower	Upper
105	100		
120	29.4	23.4	35.0
91	12.1	10.6	16.0
77	13.0	12.5	18.7



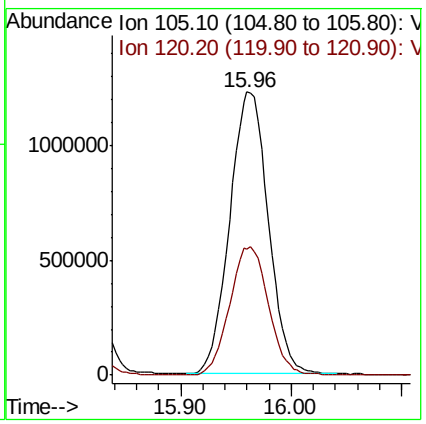


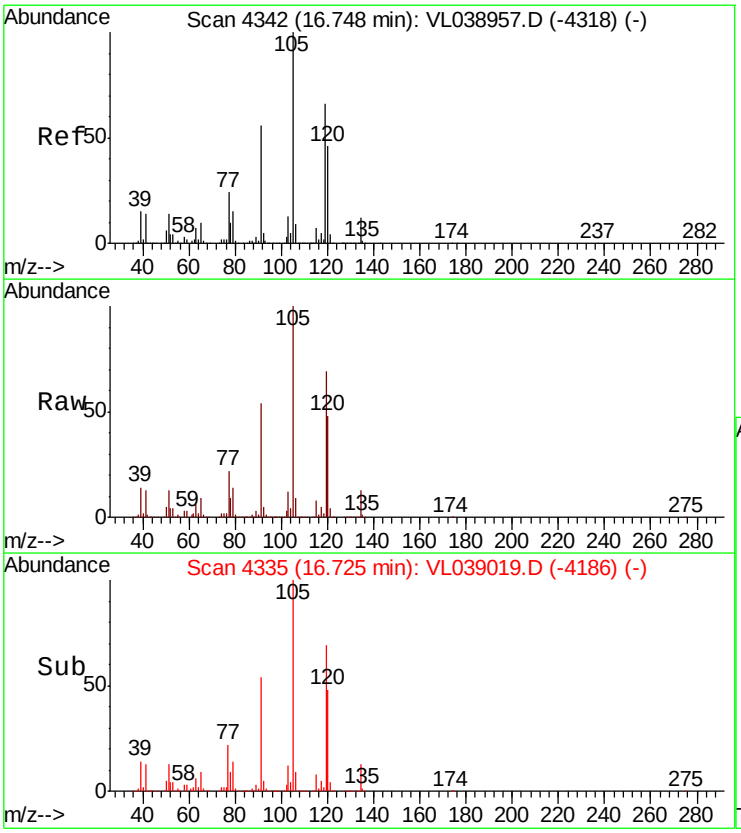
#73
1,3,5-Trimethylbenzene
Concen: 7.658 ppbv
RT: 15.96
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 2967217

Ion	Ratio	Lower	Upper
105	100		
120	44.4	34.4	51.6

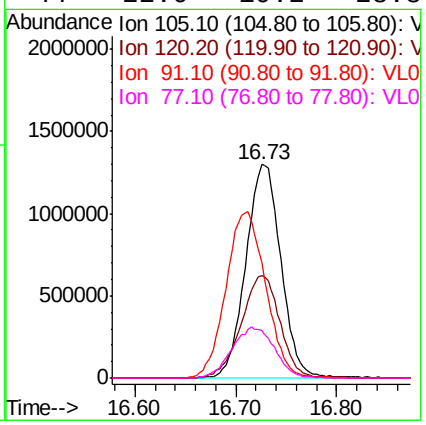


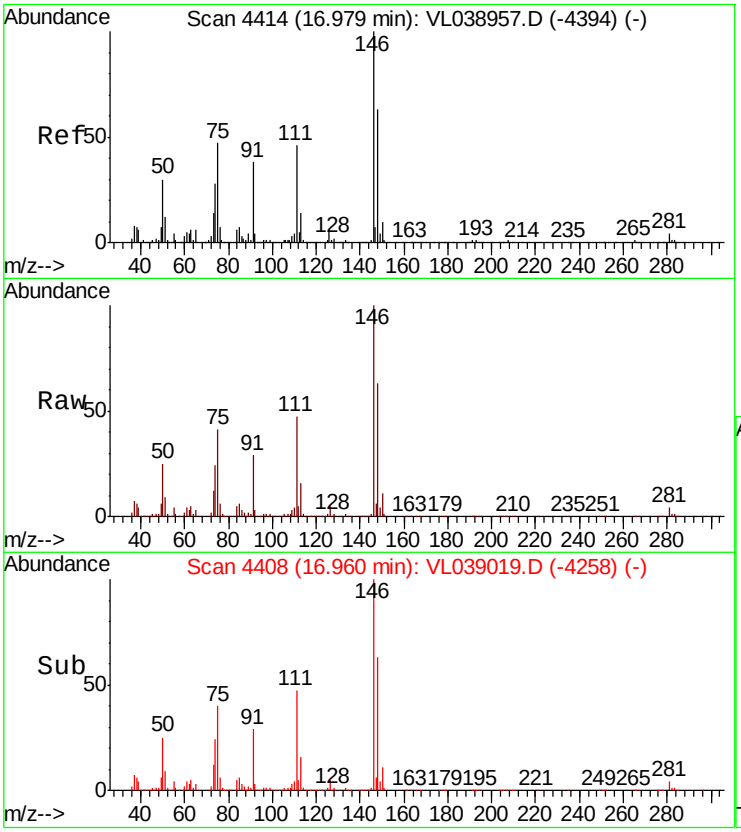


#74
1,2,4-Trimethylbenzene
Concen: 7.358 ppbv
RT: 16.73 min Scan# 4335
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:105 Resp: 3121605

Ion	Ratio	Lower	Upper
105	100		
120	48.1	36.9	55.3
91	53.8	45.0	67.4
77	22.0	19.2	28.8



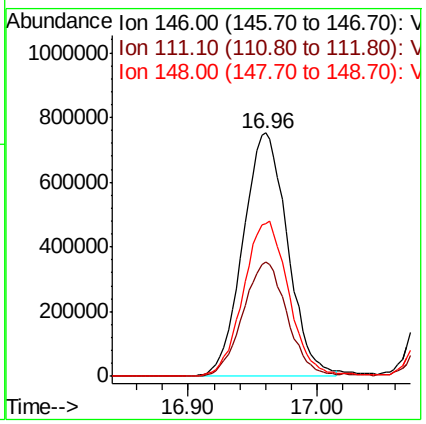


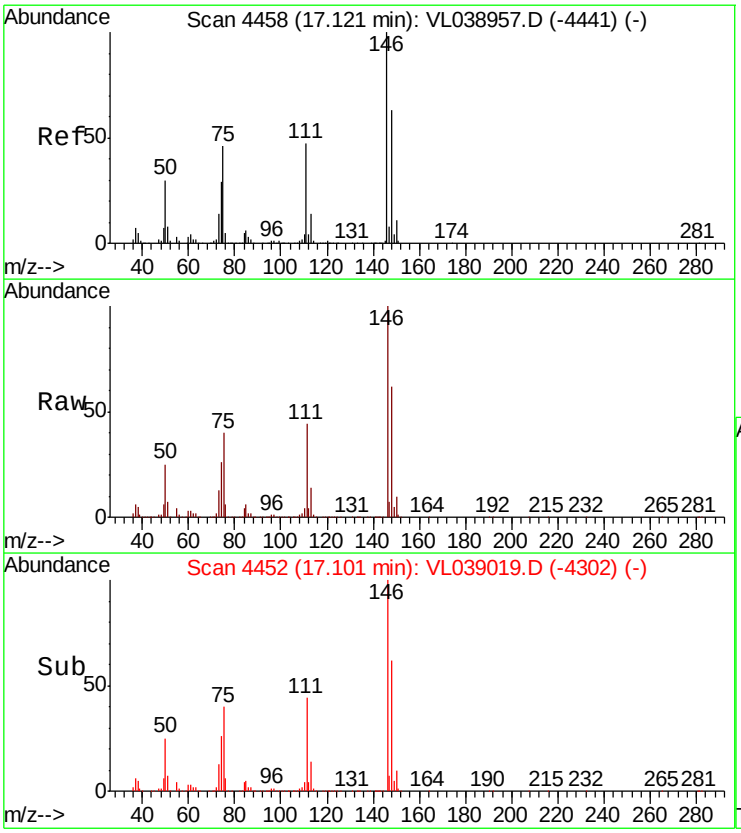
#75
1,3-Dichlorobenzene
Concen: 7.796 ppbv
RT: 16.96
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1812147

Ion	Ratio	Lower	Upper
146	100		
111	46.9	24.1	72.2
148	64.8	32.4	97.2

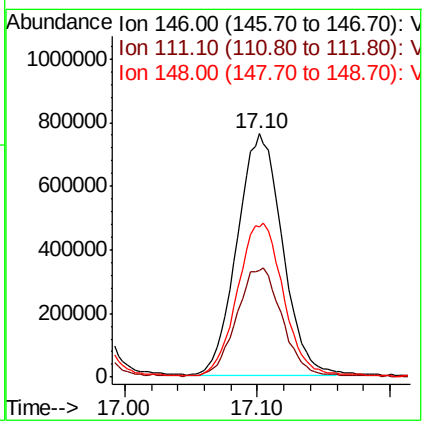


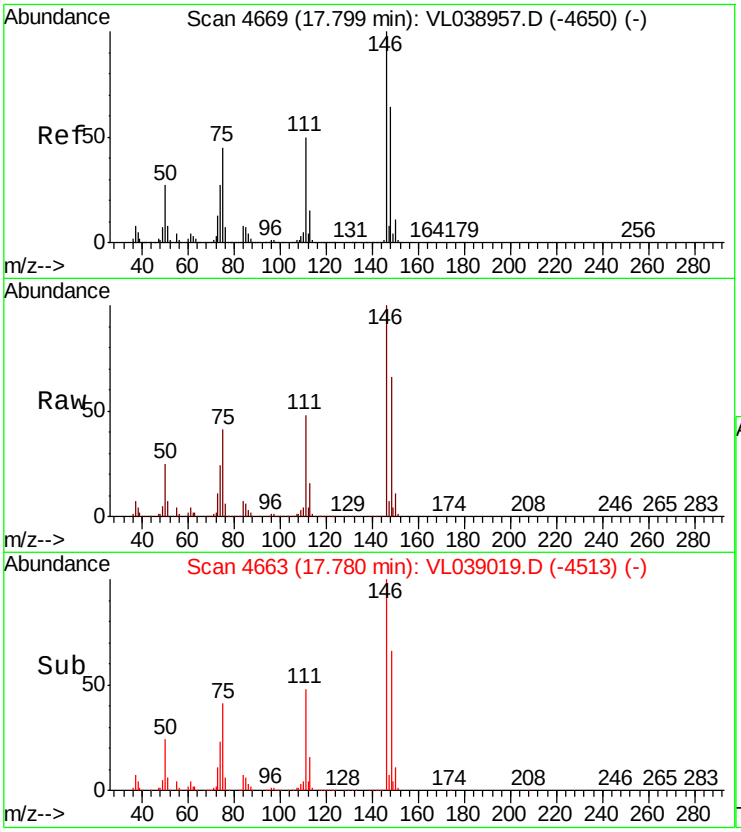


#76
1,4-Dichlorobenzene
Concen: 7.834 ppbv
RT: 17.10 min Scan# 4452
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:146 Resp: 1791463

Ion	Ratio	Lower	Upper
146	100		
111	46.3	23.6	71.0
148	65.8	32.2	96.6



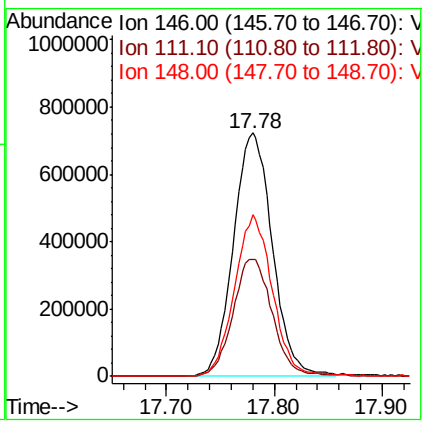


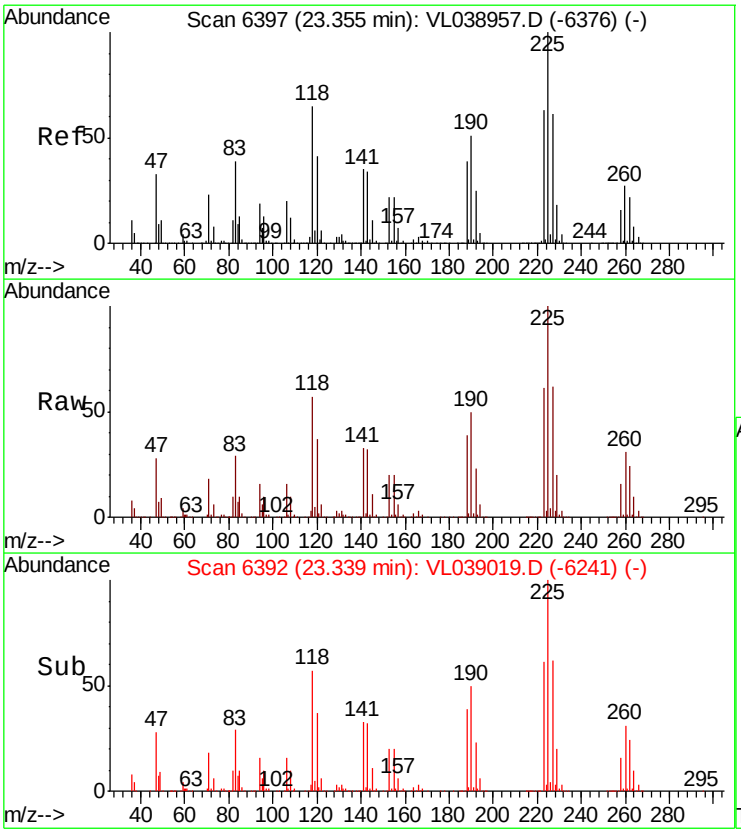
#77
1,2-Dichlorobenzene
Concen: 7.884 ppbv
RT: 17.78
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1812489

Ion	Ratio	Lower	Upper
146	100		
111	48.8	25.3	75.9
148	64.6	32.3	96.9

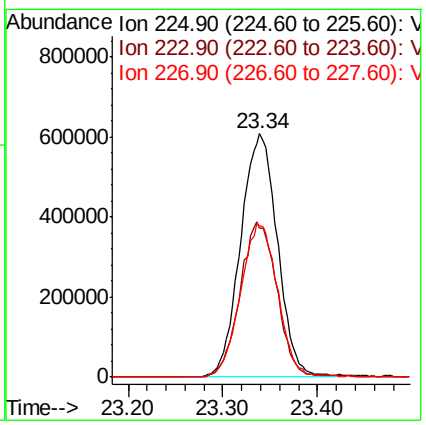


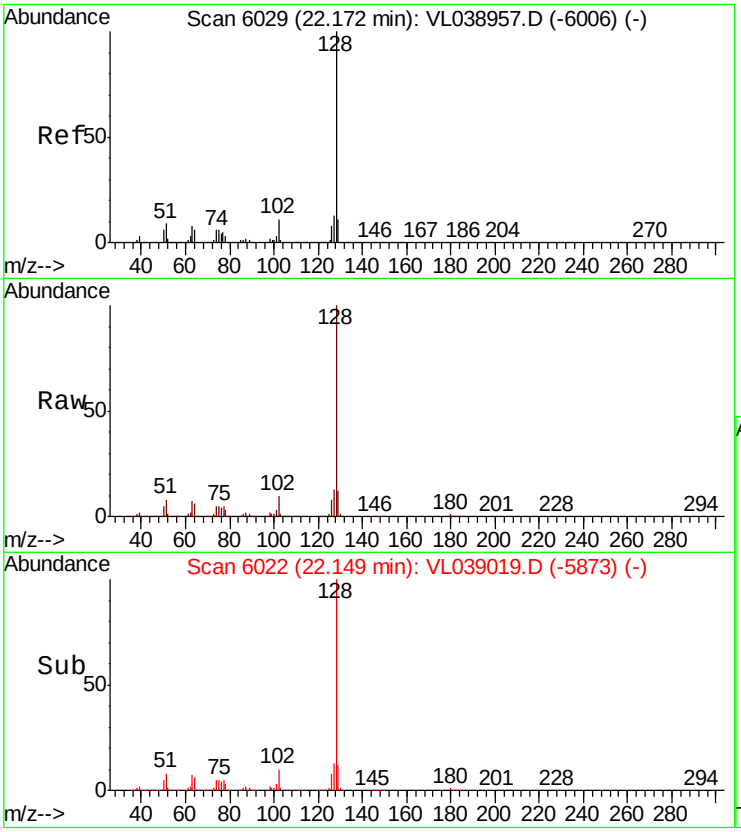


#78
Hexachloro-1,3-Butadiene
Concen: 7.784 ppbv
RT: 23.34 min Scan# 6392
Delta R.T. -0.02 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:225 Resp: 1644710

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.4	77.0
227	64.0	51.4	77.0



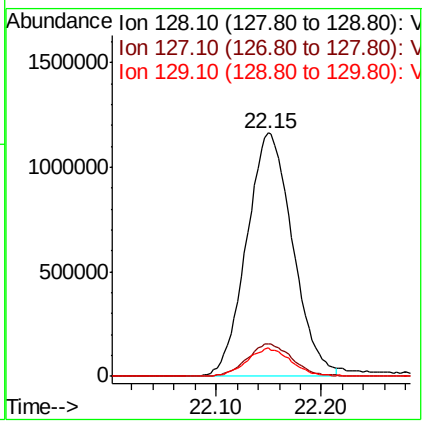


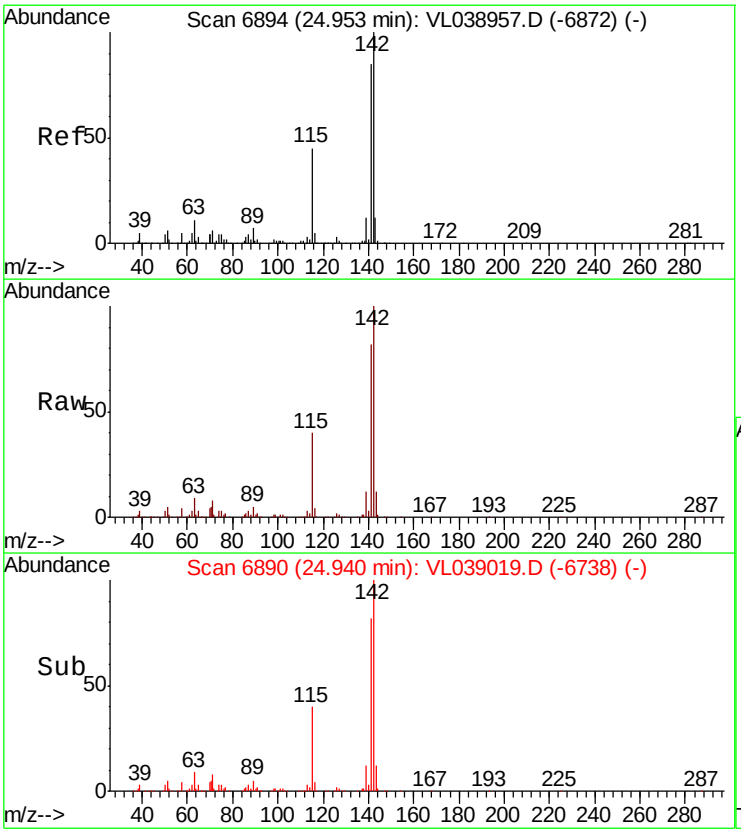
#79
Naphthalene
Concen: 10.258 ppbv
RT: 22.15
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 3535078

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	11.5	8.9	13.3

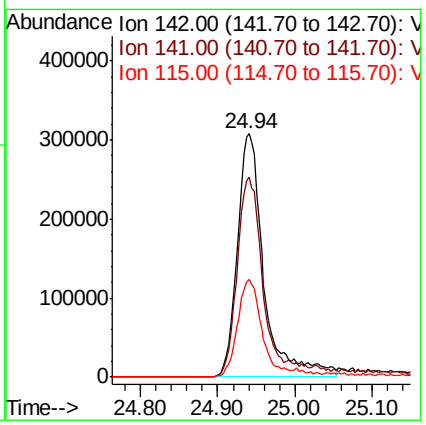


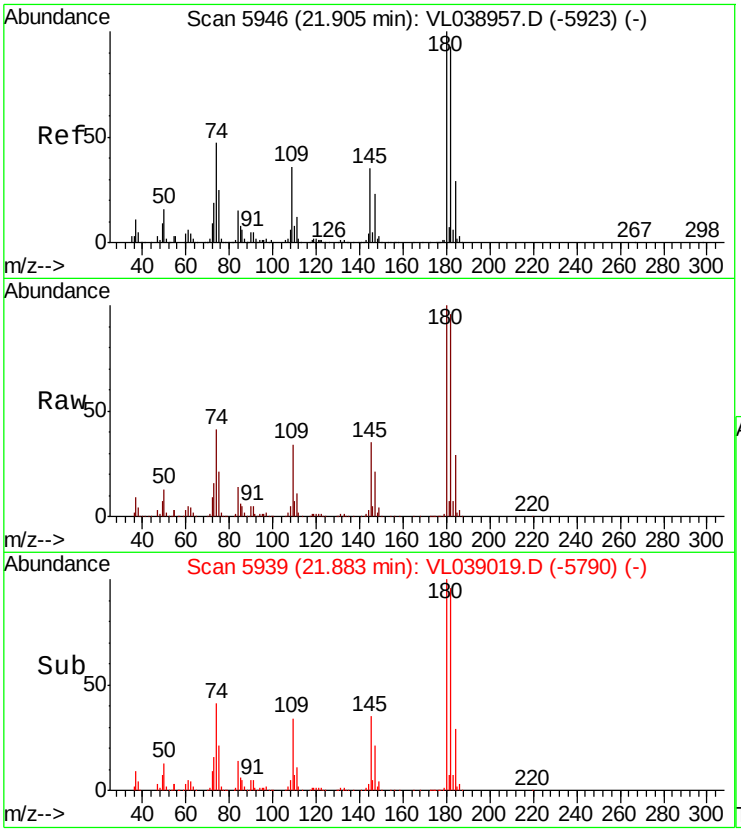


#80
Naphthalene,2-methyl-
Concen: 6.969 ppbv
RT: 24.94 min Scan# 6890
Delta R.T. -0.01 min
Lab File: VL039019.D
Acq: 10 May 2022 14:00

Tgt Ion:142 Resp: 726500

Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.8	106.2
115	39.0	35.1	52.7





#81
1,2,4-Trichlorobenzene
Concen: 8.973 ppbv
RT: 21.88
Delta R.T
Lab File:
Acq: 10 May 2022 14:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 1812052

Ion	Ratio	Lower	Upper
180	100		
182	97.3	78.4	117.6
184	30.8	24.4	36.6