Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
Data File : VL038571.D
Acq On : 9 Mar 2022 10:23
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 10 00:28:26 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	907636	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2429509	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2836363	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1749474	8.11	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 81.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	1285824	9.38	ppbv		99
3) Chlorodifluoromethane	2.99	51	1468466	9.18	ppbv		99
4) Chloromethane	3.14	50	562173	9.48	ppbv		100
5) Vinyl Chloride	3.26	62	549873	9.23	ppbv		98
6) Bromomethane	3.48	94	313541	9.81	ppbv		97
7) Chloroethane	3.56	64	192846	10.00	ppbv		99
8) Dichlorotetrafluoroethane	3.19	85	1301214	9.79	ppbv		100
9) Propene	3.02	41	527473	9.34	ppbv		100
10) Heptane	8.12	43	1334151	9.88	ppbv		98
11) Trichlorofluoromethane	3.95	101	1165216	9.69	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	898585	9.62	ppbv		99
13) Ethanol	3.61	45	54653	8.42	ppbv		98
14) Bromoethene	3.74	108	408275	10.25	ppbv		99
15) Acetone	3.85	43	652517	10.19	ppbv		99
16) 1,3-Butadiene	3.33	39	498682	9.69	ppbv		97
17) tert-Butyl alcohol	4.29	59	709974	10.21	ppbv		99
18) 1,1-Dichloroethene	4.29	96	406386	9.72	ppbv		97
19) Isopropyl Alcohol	3.97	45	408928	9.57	ppbv	#	96
20) Methylene Chloride	4.34	84	342829	8.90	ppbv		98
21) Allyl Chloride	4.41	41	609603	9.88	ppbv		99
22) trans-1,2-Dichloroethene	4.89	96	450356	10.27	ppbv		98
23) Vinyl Acetate	5.07	43	982265	10.70	ppbv		99
24) 1,1-Dichloroethane	5.01	63	821754	9.85	ppbv		99
25) Ethyl Acetate	5.67	43	2097408	9.73	ppbv		99
26) Hexane	5.68	57	977012	9.65	ppbv		100
27) Carbon Disulfide	4.55	76	1091427	10.82	ppbv		98
28) Methyl tert-Butyl Ether	5.03	73	821362	9.97	ppbv		99
29) Chloroform	5.75	83	1508537	9.57	ppbv		100
30) Cyclohexane	7.13	84	860480	9.83	ppbv		96
31) cis-1,2-Dichloroethene	5.55	61	933289	9.64	ppbv		98
32) 1,1,1-Trichloroethane	6.51	97	1447227	9.47	ppbv		99
34) 2-Butanone	5.24	43	647111	10.28	ppbv		99
35) Carbon Tetrachloride	7.01	117	1520018	9.17	ppbv		97
36) Benzene	6.89	78	2108973	9.62	ppbv		99
37) 1,2-Dichloroethane	6.30	62	1004169	9.58	ppbv		99
38) Trichloroethene	7.83	130	812050	9.27	ppbv		98
39) 1,2-Dichloropropane	7.61	63	812589	9.64	ppbv		99
40) 1,4-Dioxane	7.83	88	210515	9.98	ppbv		89
41) Tetrahydrofuran	6.05	42	500868	9.72	ppbv		98
42) Bromodichloromethane	7.79	83	1609514	9.69	ppbv		99
43) Methyl Methacrylate	8.01	69	759363	10.09	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
Data File : VL038571.D
Acq On : 9 Mar 2022 10:23
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Mar 10 00:28:26 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3446131	9.30	ppbv		99
45) t-1,3-Dichloropropene	9.28	75	611276	11.27	ppbv		96
46) cis-1,3-Dichloropropene	8.70	75	794755	10.72	ppbv		97
47) 1,1,2-Trichloroethane	9.47	97	849955	9.89	ppbv		98
48) Dibromochloromethane	10.30	129	1438824	10.55	ppbv		100
49) Bromoform	13.03	173	1179439	11.29	ppbv		99
50) 4-Methyl-2-Pentanone	8.74	43	1259878	9.76	ppbv		98
51) 2-Hexanone	10.13	43	541625	9.93	ppbv	#	99
52) Tetrachloroethene	11.22	164	751822	9.36	ppbv		99
53) Toluene	9.80	91	2388454	10.21	ppbv		100
54) 1,2-Dibromoethane	10.60	107	1253801	10.21	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.12	131	907982	7.86	ppbv	#	57
57) Chlorobenzene	12.14	112	1687818	7.79	ppbv		97
58) Ethyl Benzene	12.70	91	3031087	8.25	ppbv		95
59) m/p-Xylene	12.99	91	2767865	8.80	ppbv	#	42
60) o-Xylene	13.69	91	2373729	8.00	ppbv		100
61) Styrene	13.52	104	1302714	8.90	ppbv		99
62) Isopropylbenzene	14.66	105	3289055	8.03	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.67	83	1805349	7.20	ppbv		99
64) n-propylbenzene	15.55	120	885417	8.48	ppbv		98
65) tert-Butylbenzene	16.74	119	2895657	7.90	ppbv		99
66) Benzyl Chloride	16.98	91	180479	8.31	ppbv		98
67) sec-Butylbenzene	17.29	105	4117700	7.91	ppbv		100
69) p-Isopropyltoluene	17.65	119	3370306	7.81	ppbv		99
70) n-Butylbenzene	18.54	91	3473120	7.56	ppbv		100
71) 2-Chlorotoluene	15.45	91	2451080	8.06	ppbv		98
72) 4-Ethyltoluene	15.83	105	2909480	8.53	ppbv		99
73) 1,3,5-Trimethylbenzene	15.99	105	2516773	7.95	ppbv		99
74) 1,2,4-Trimethylbenzene	16.76	105	2624095	7.76	ppbv		94
75) 1,3-Dichlorobenzene	16.99	146	1653907	7.75	ppbv		99
76) 1,4-Dichlorobenzene	17.13	146	1620009	7.67	ppbv		100
77) 1,2-Dichlorobenzene	17.81	146	1608153	7.45	ppbv		99
78) Hexachloro-1,3-Butadiene	23.37	225	1282960	6.09	ppbv		99
79) Naphthalene	22.18	128	2437625	8.01	ppbv		99
80) Naphthalene,2-methyl-	24.97	142	621412	11.57	ppbv		96
81) 1,2,4-Trichlorobenzene	21.91	180	1360606	7.00	ppbv		99

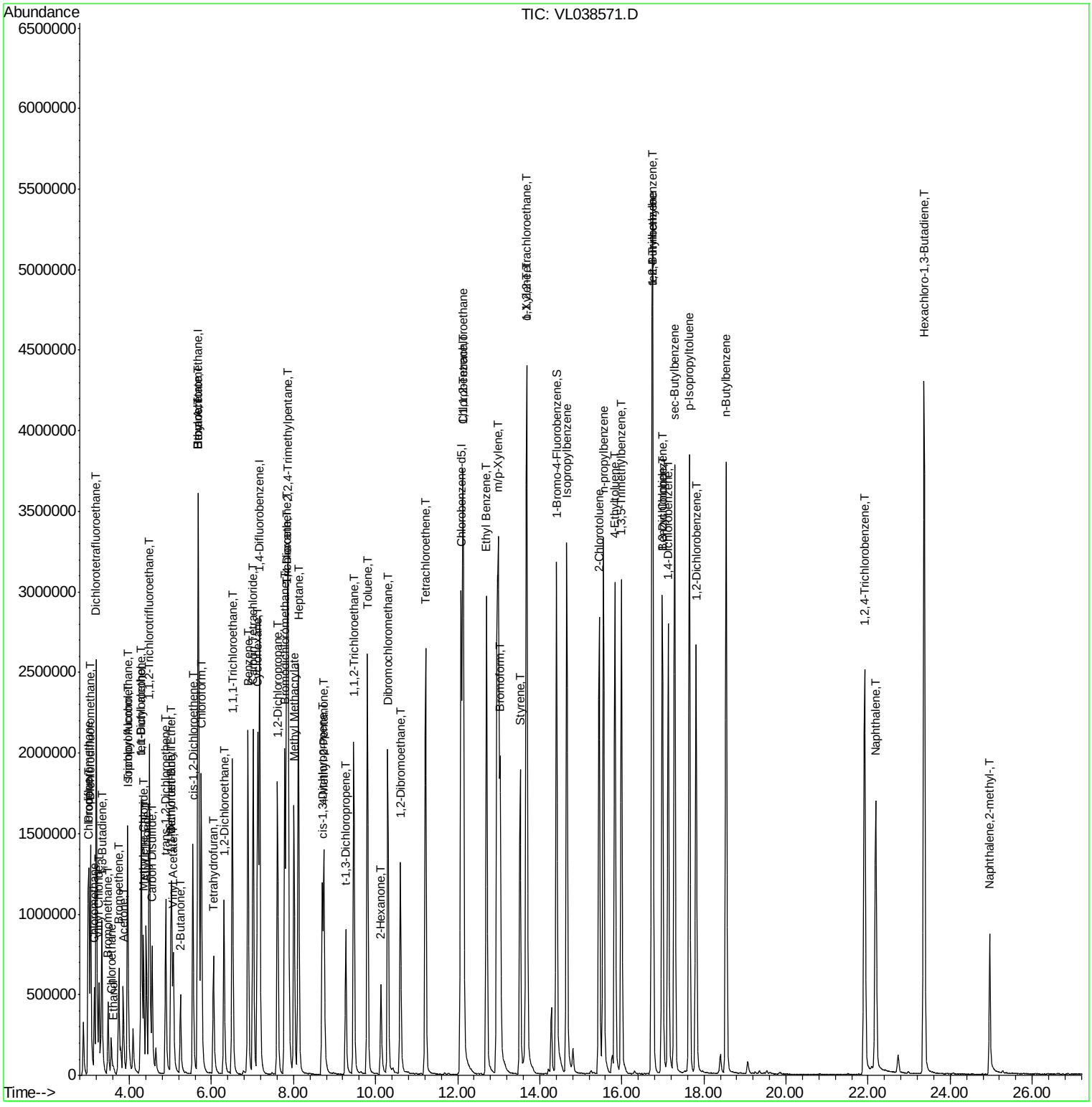
(#) = qualifier out of range (m) = manual integration (+) = signals summed

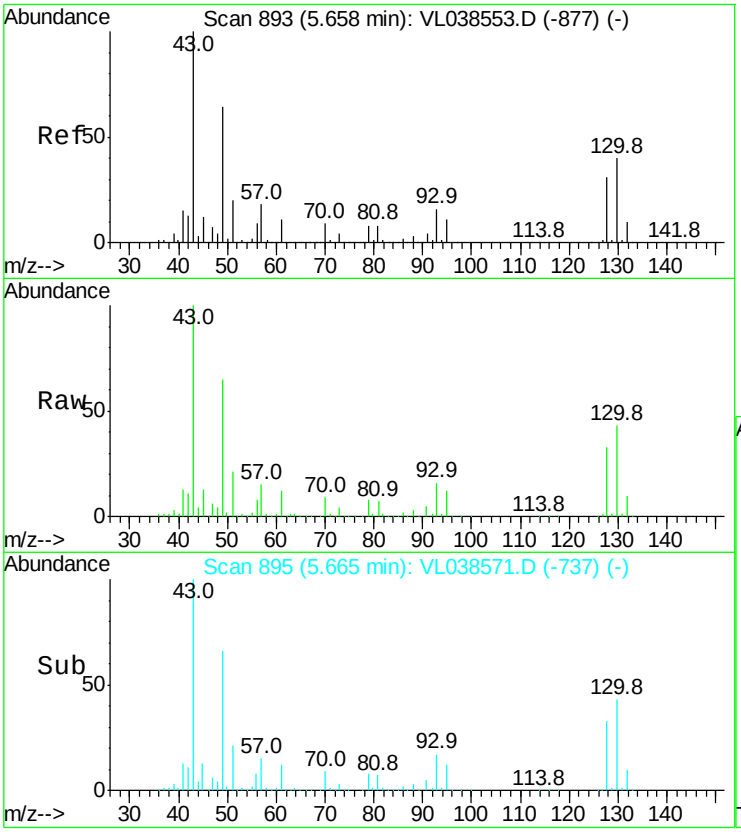
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
Data File : VL038571.D
Acq On : 9 Mar 2022 10:23
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Mar 10 00:28:26 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration



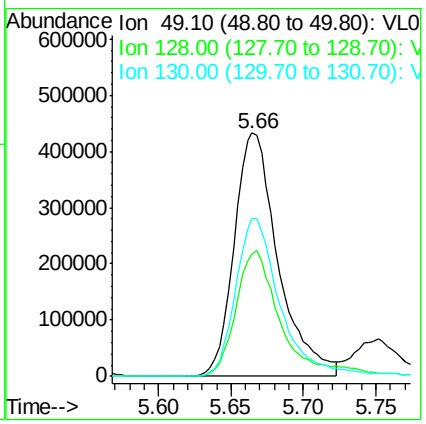


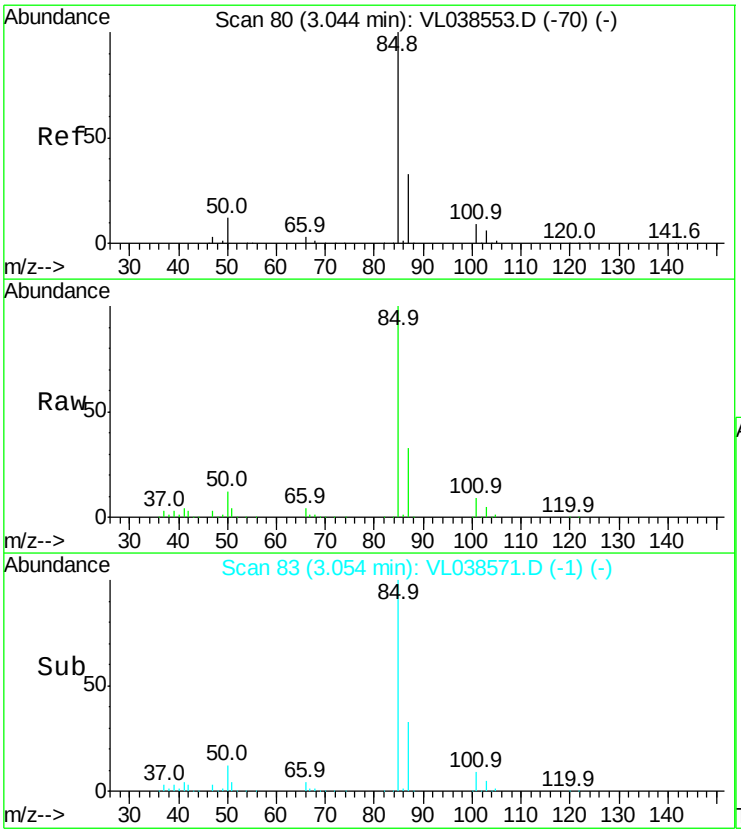
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 907636

Ion	Ratio	Lower	Upper
49	100		
128	54.2	26.4	79.2
130	67.6	33.0	98.9

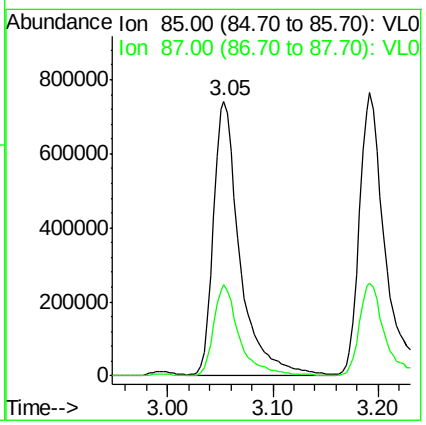


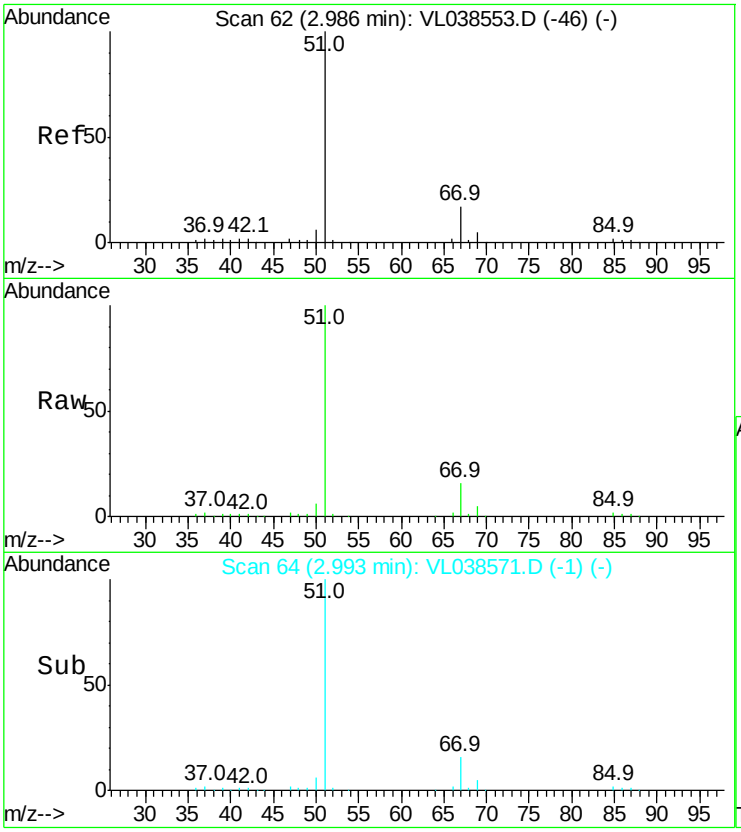


#2
Dichlorodifluoromethane
Concen: 9.38 ppbv
RT: 3.05 min Scan# 83
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 85 Resp: 1285824

Ion	Ratio	Lower	Upper
85	100		
87	33.3	26.2	39.2



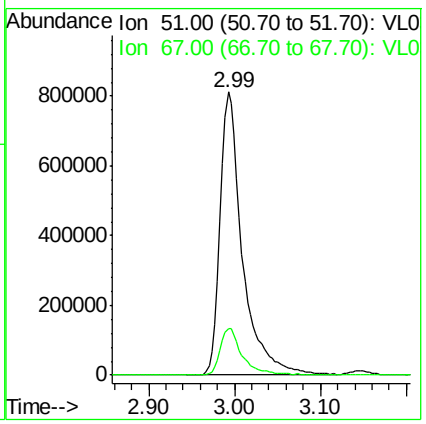


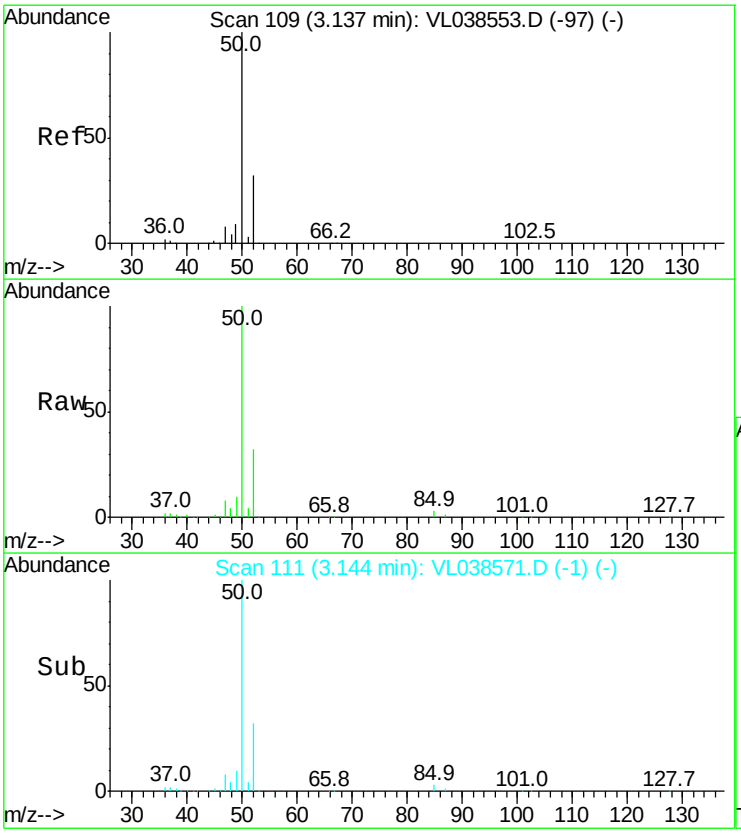
#3
Chlorodifluoromethane
Concen: 9.18 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1468466

Ion	Ratio	Lower	Upper
51	100		
67	16.6	13.6	20.4

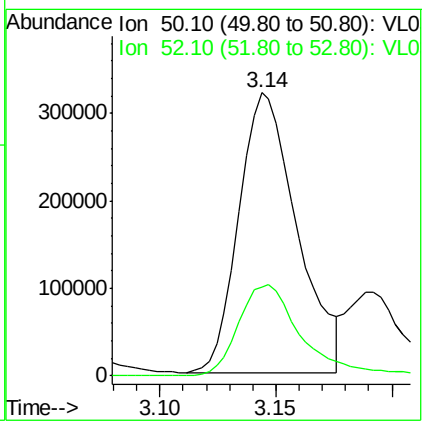


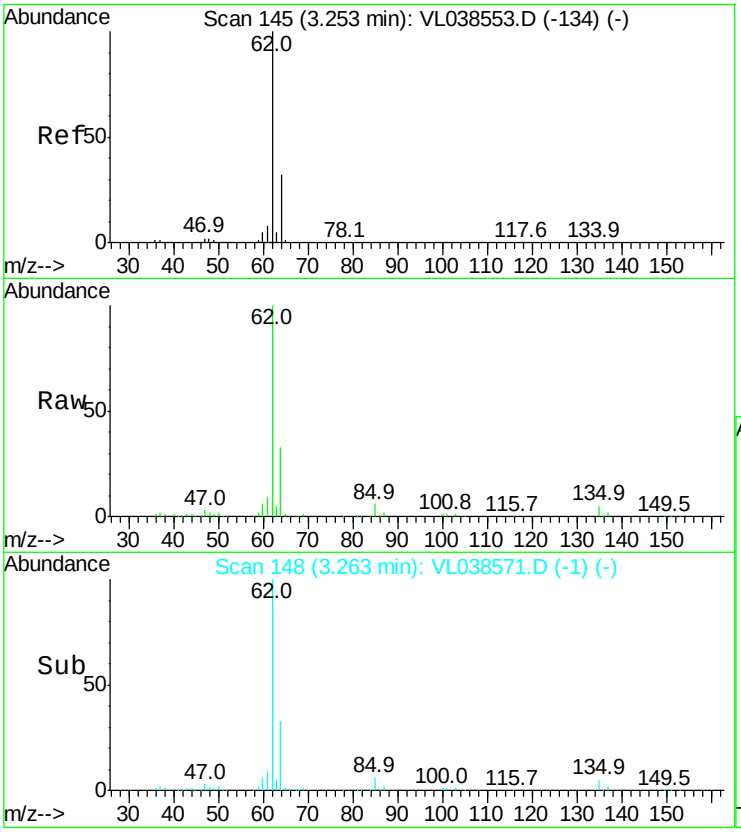


#4
Chloromethane
Concen: 9.48 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 50 Resp: 562173

Ion	Ratio	Lower	Upper
50	100		
52	31.7	25.6	38.4



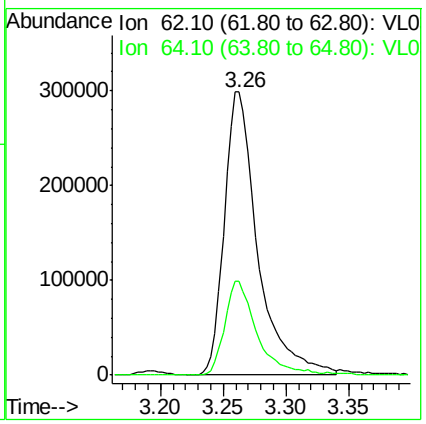


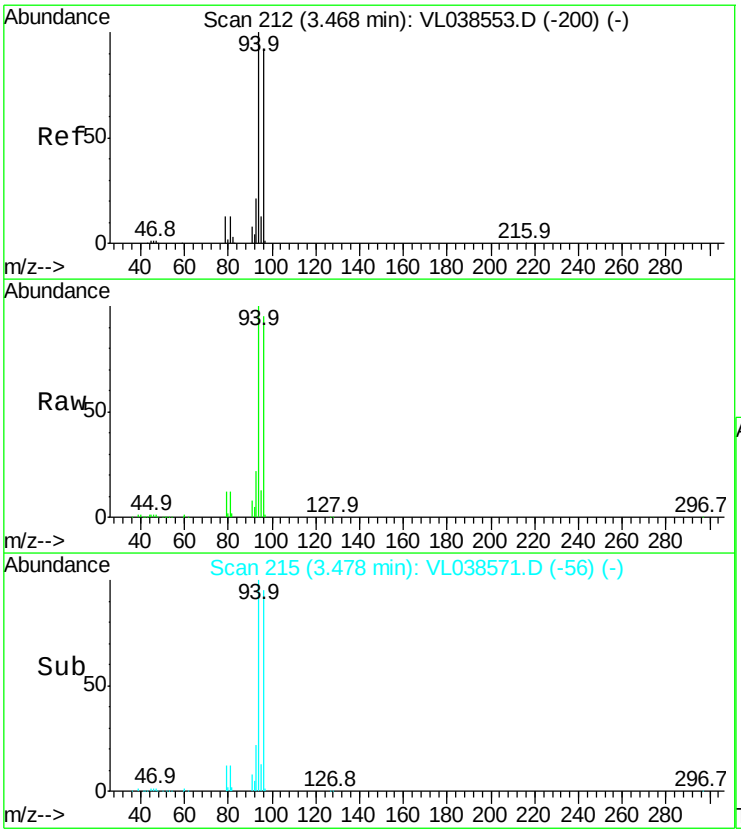
#5
Vinyl Chloride
Concen: 9.23 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 549873

Ion	Ratio	Lower	Upper
62	100		
64	33.4	25.8	38.6

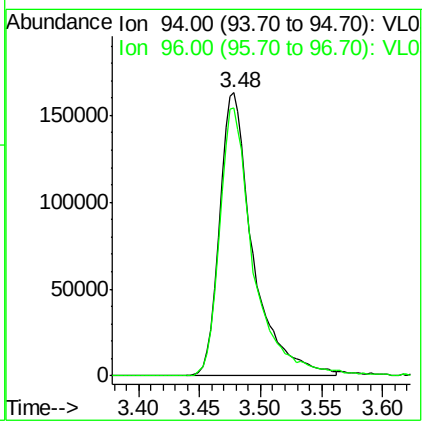


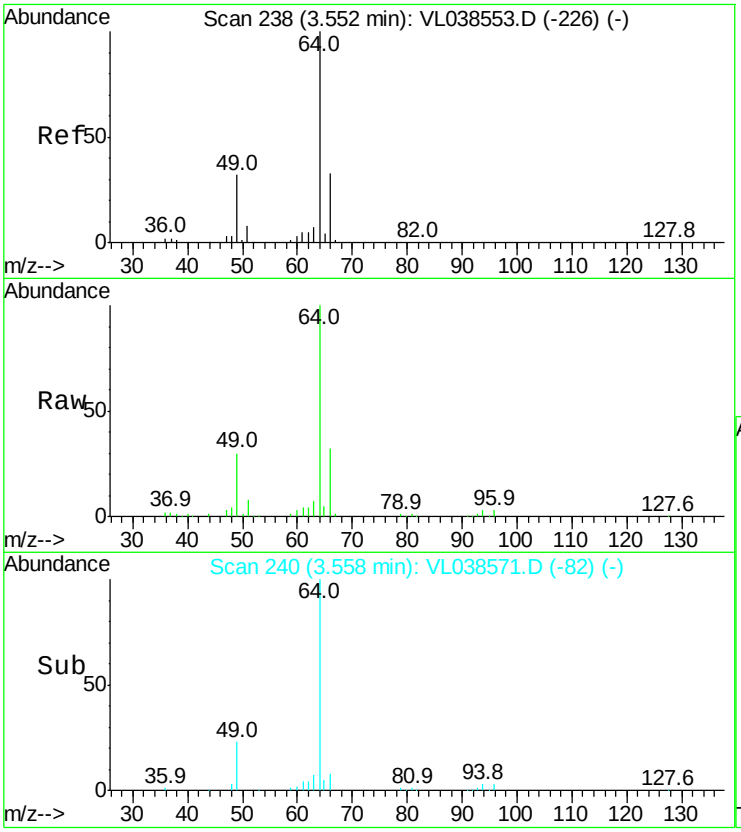


#6
Bromomethane
Concen: 9.81 ppbv
RT: 3.48 min Scan# 215
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 94 Resp: 313541

Ion	Ratio	Lower	Upper
94	100		
96	94.9	73.7	110.5



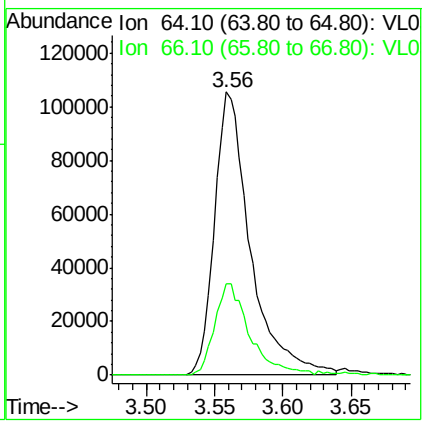


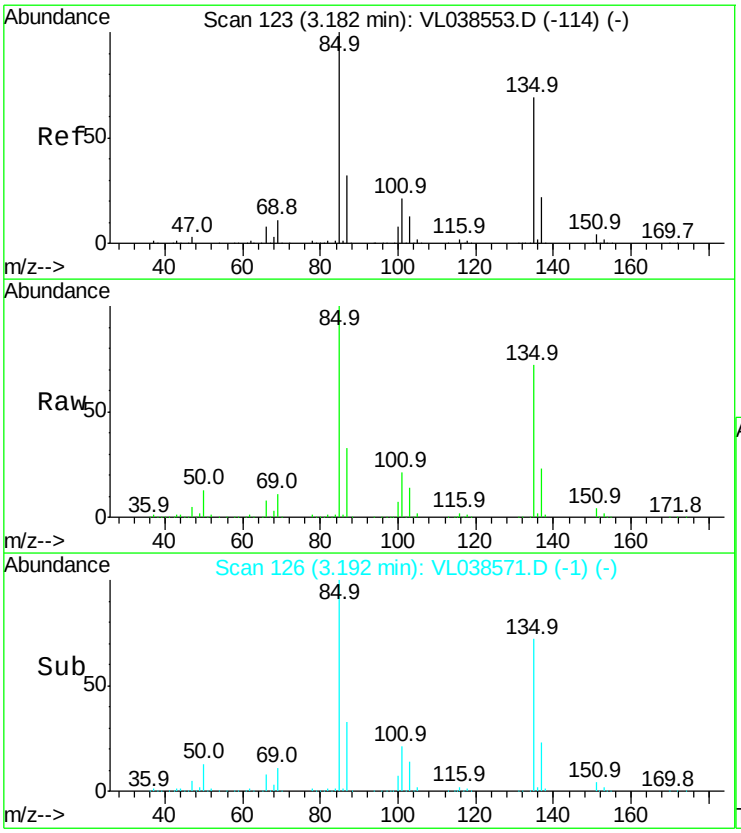
#7
Chloroethane
Concen: 10.00 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 192846

Ion	Ratio	Lower	Upper
64	100		
66	32.4	26.6	39.8

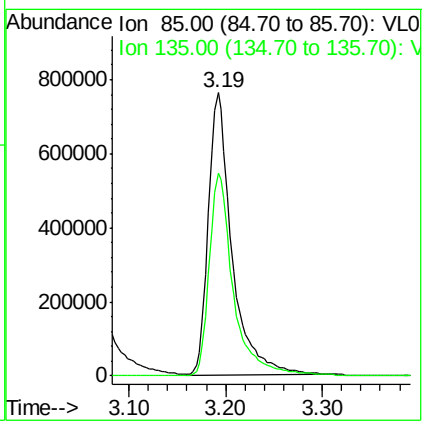


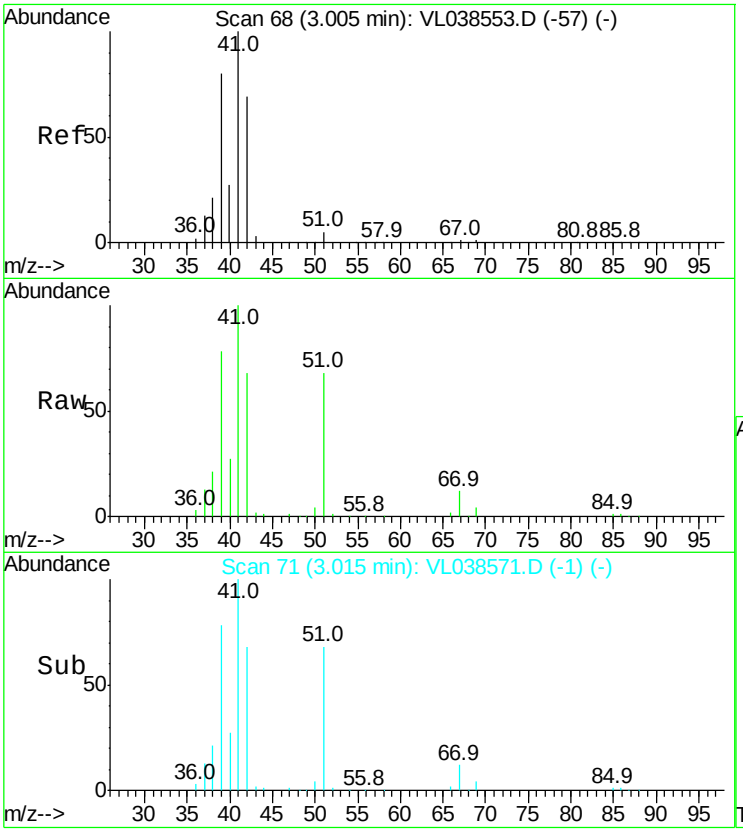


#8
Dichlorotetrafluoroethane
Concen: 9.79 ppbv
RT: 3.19 min Scan# 126
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 85 Resp: 1301214

Ion	Ratio	Lower	Upper
85	100		
135	73.5	59.0	88.4



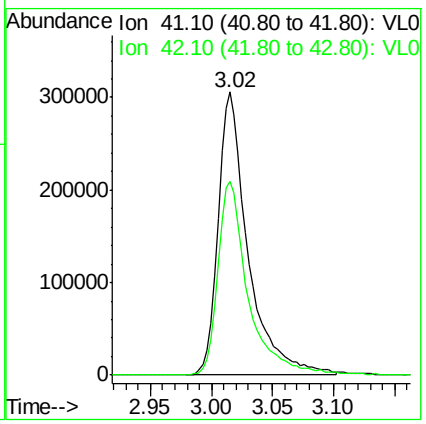


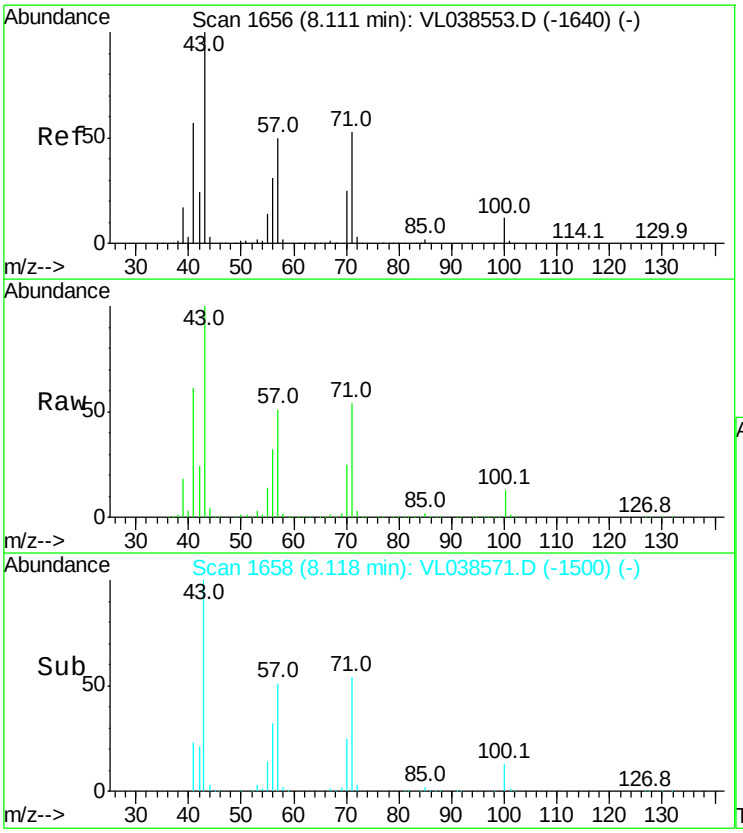
#9
Propene
Concen: 9.34 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 527473

Ion	Ratio	Lower	Upper
41	100		
42	69.7	55.7	83.5

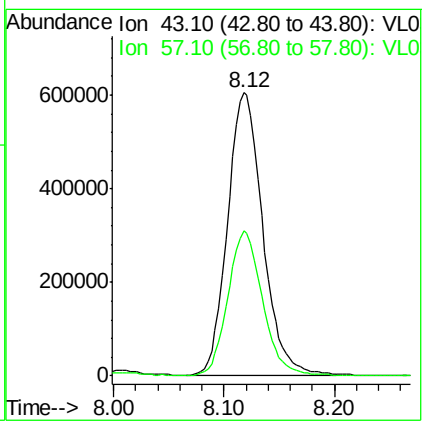


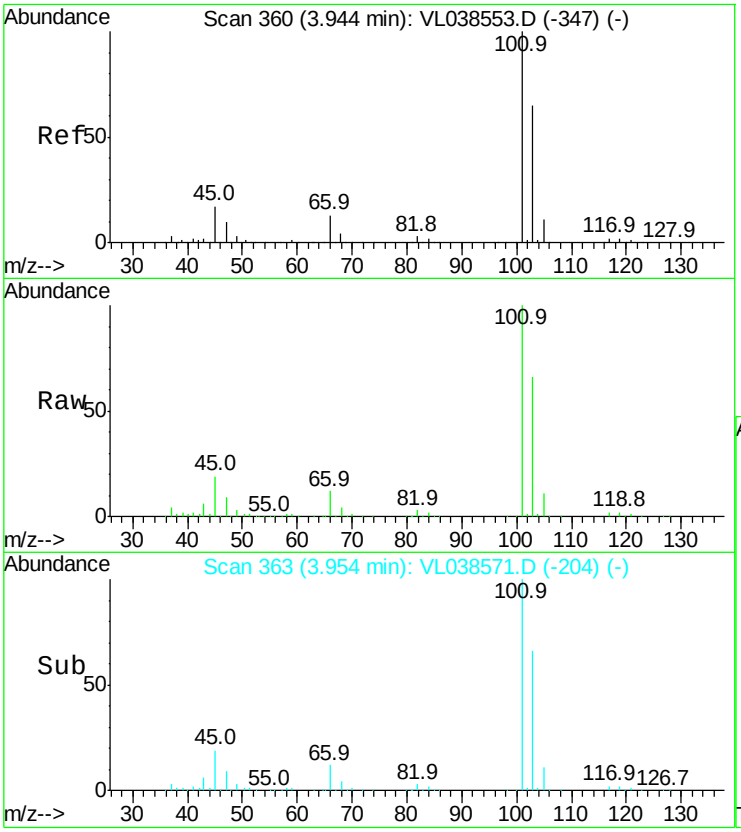


#10
Heptane
Concen: 9.88 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 43 Resp: 1334151

Ion	Ratio	Lower	Upper
43	100		
57	50.8	39.6	59.4



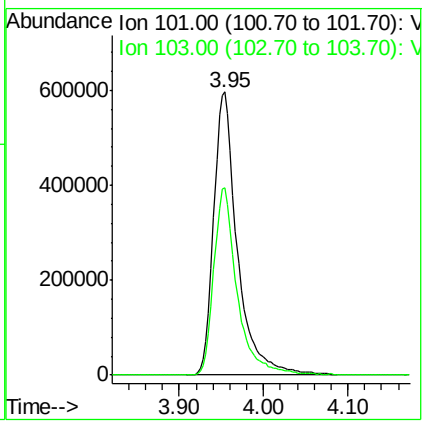


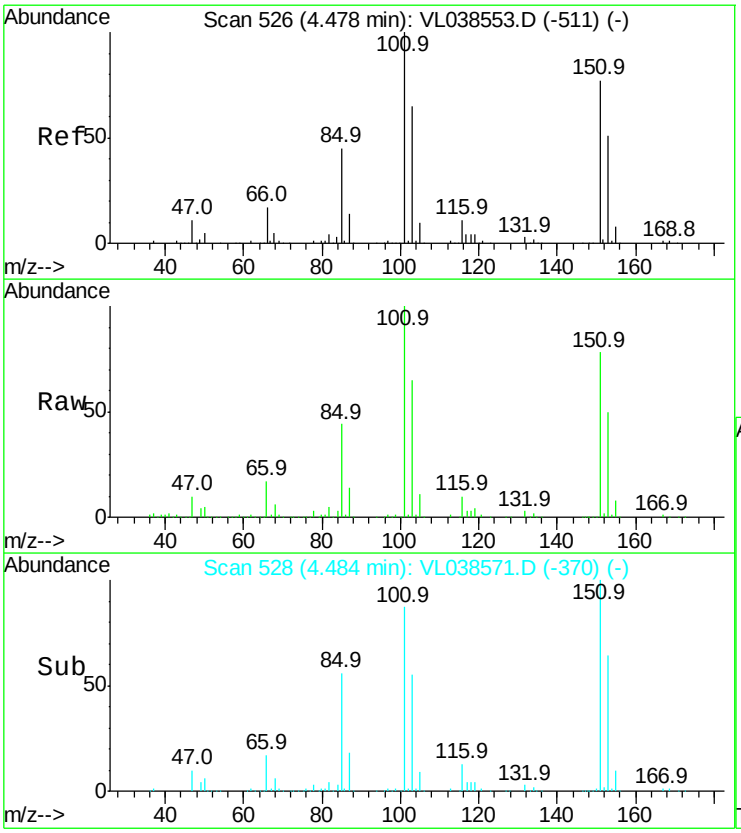
#11
Trichlorofluoromethane
Concen: 9.69 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1165216

Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.0	78.0

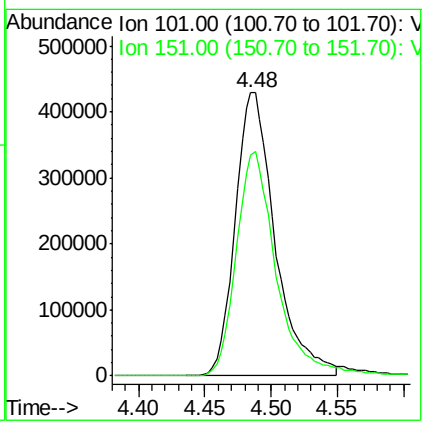


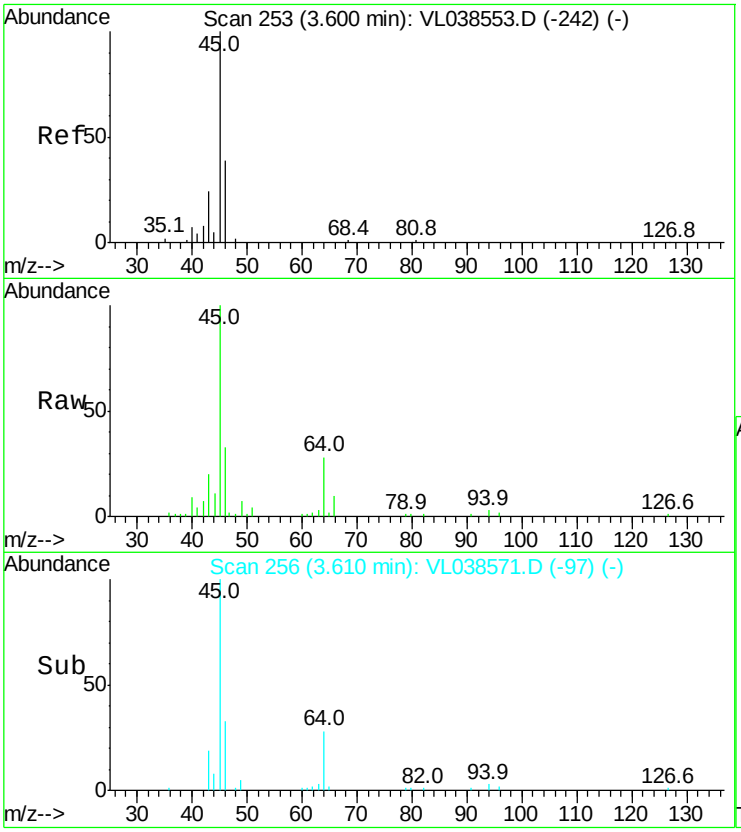


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.62 ppbv
RT: 4.48 min Scan# 528
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:101 Resp: 898585

Ion	Ratio	Lower	Upper
101	100		
151	80.2	63.4	95.0



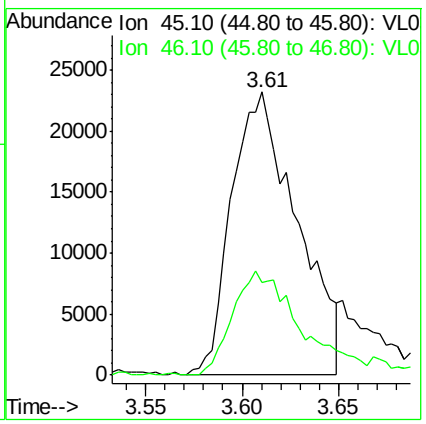


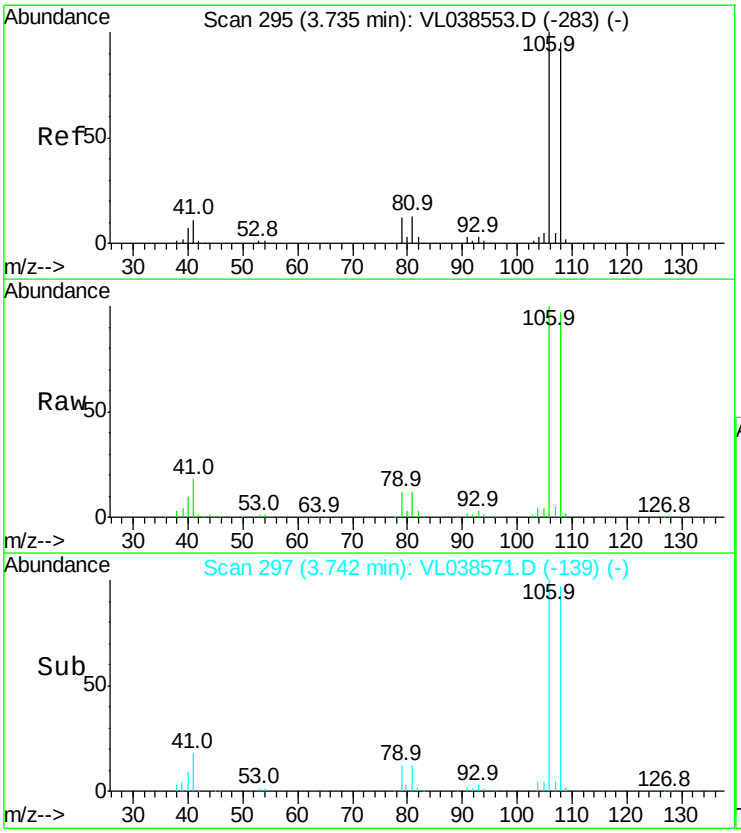
#13
Ethanol
Concen: 8.42 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 54653

Ion	Ratio	Lower	Upper
45	100		
46	43.0	16.8	67.0

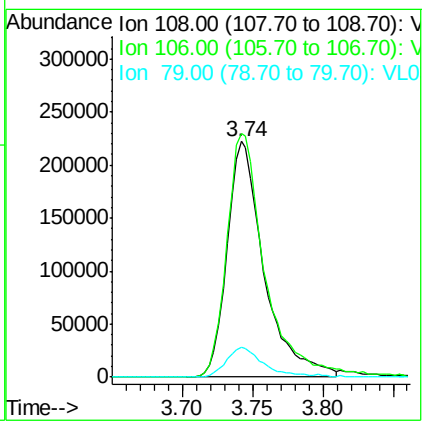


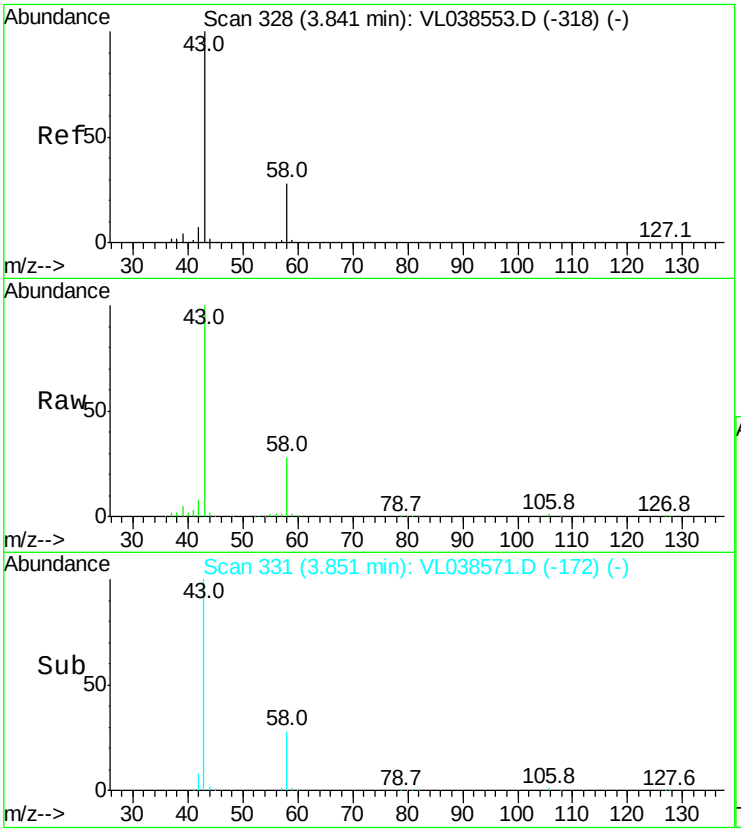


#14
Bromoethene
Concen: 10.25 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:108 Resp: 408275

Ion	Ratio	Lower	Upper
108	100		
106	108.1	85.9	128.9
79	13.3	11.0	16.6



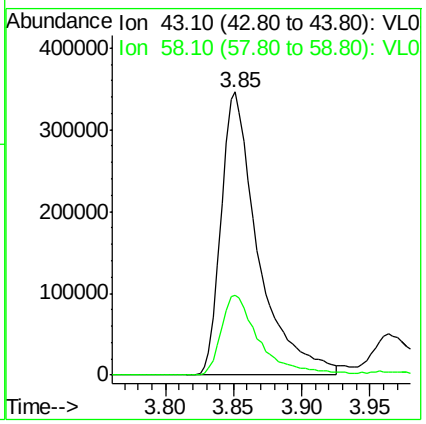


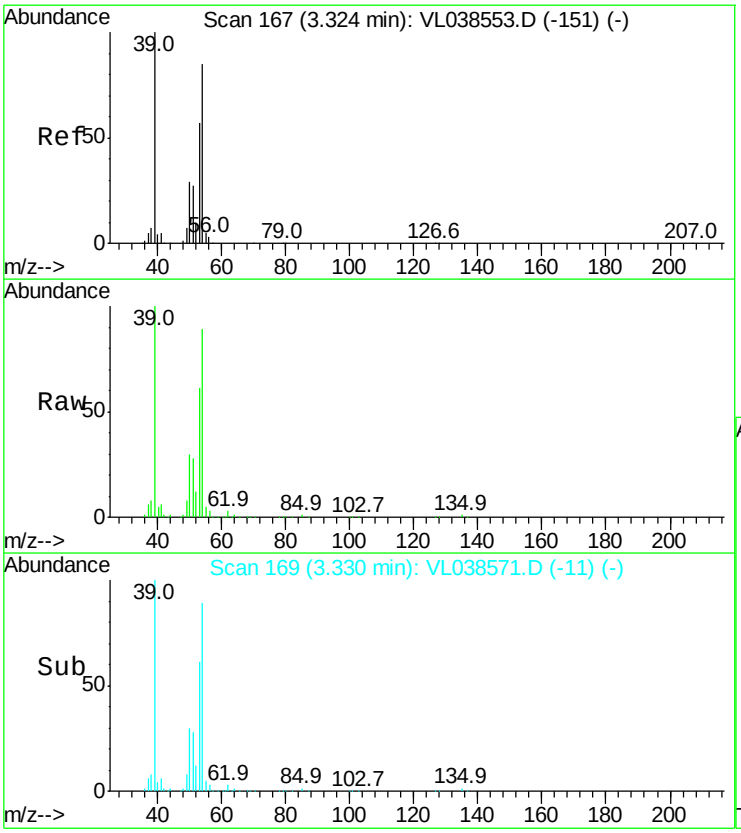
#15
Acetone
Concen: 10.19 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 652517

Ion	Ratio	Lower	Upper
43	100		
58	29.2	22.7	34.1

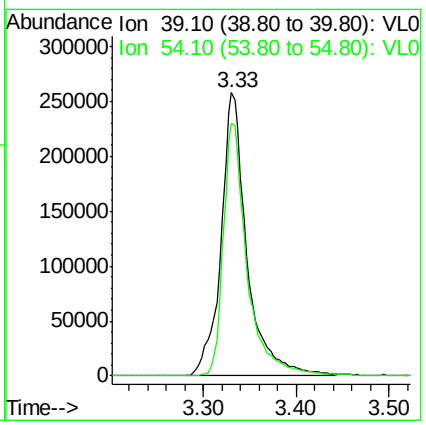


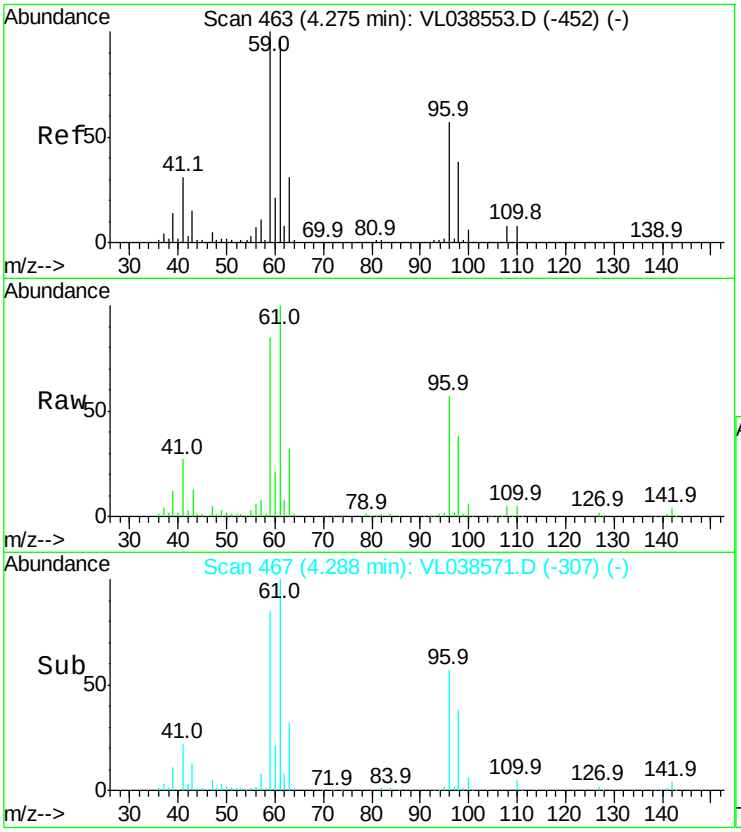


#16
1,3-Butadiene
Concen: 9.69 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 39 Resp: 498682

Ion	Ratio	Lower	Upper
39	100		
54	82.8	64.2	96.2



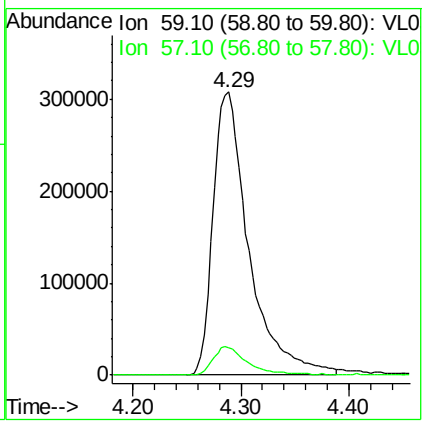


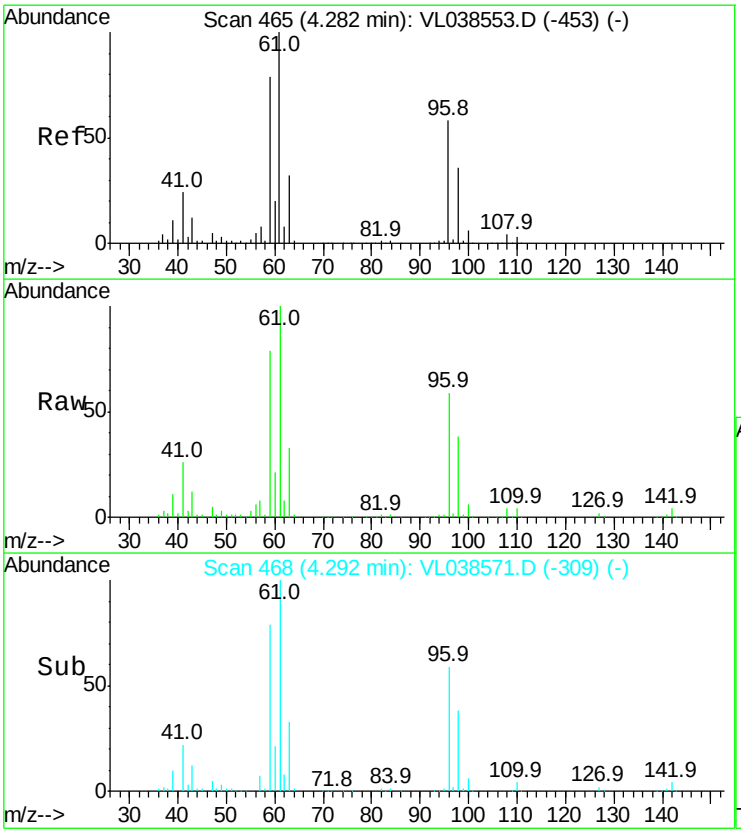
#17
tert-Butyl alcohol
Concen: 10.21 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 709974

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1

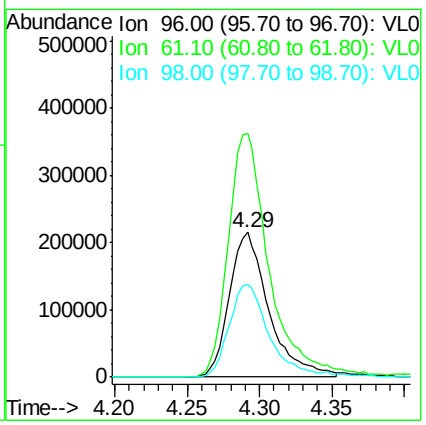


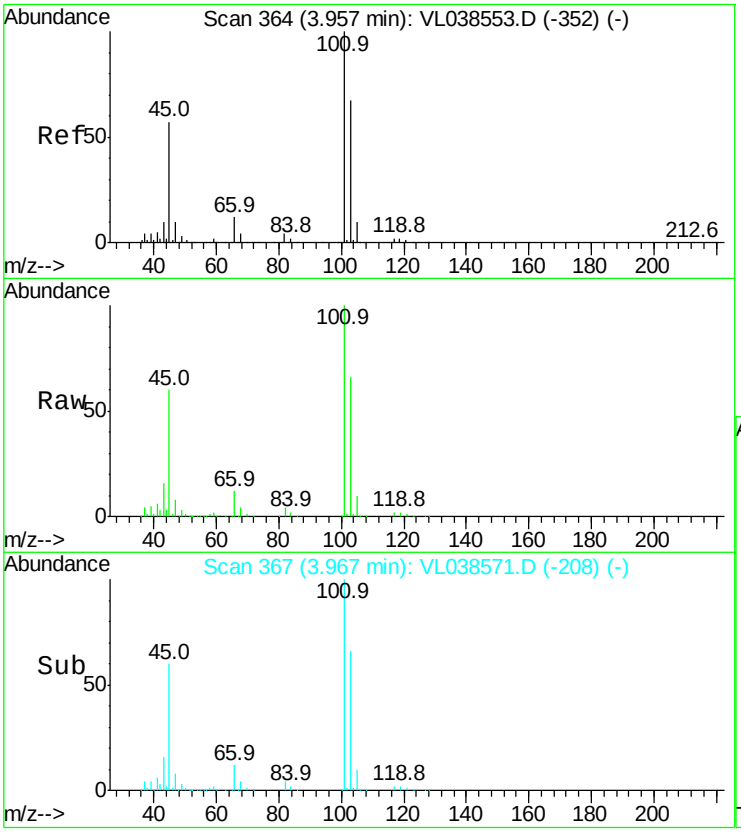


#18
1,1-Dichloroethene
Concen: 9.72 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 96 Resp: 406386

Ion	Ratio	Lower	Upper
96	100		
61	168.4	137.4	206.0
98	63.9	49.3	73.9



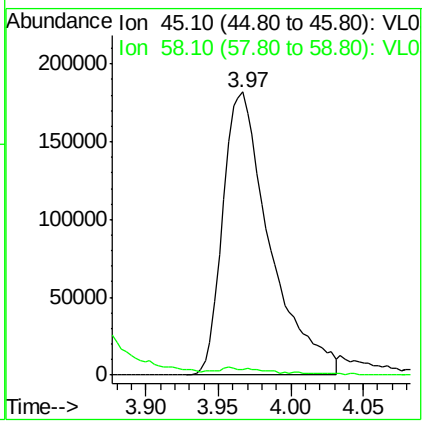


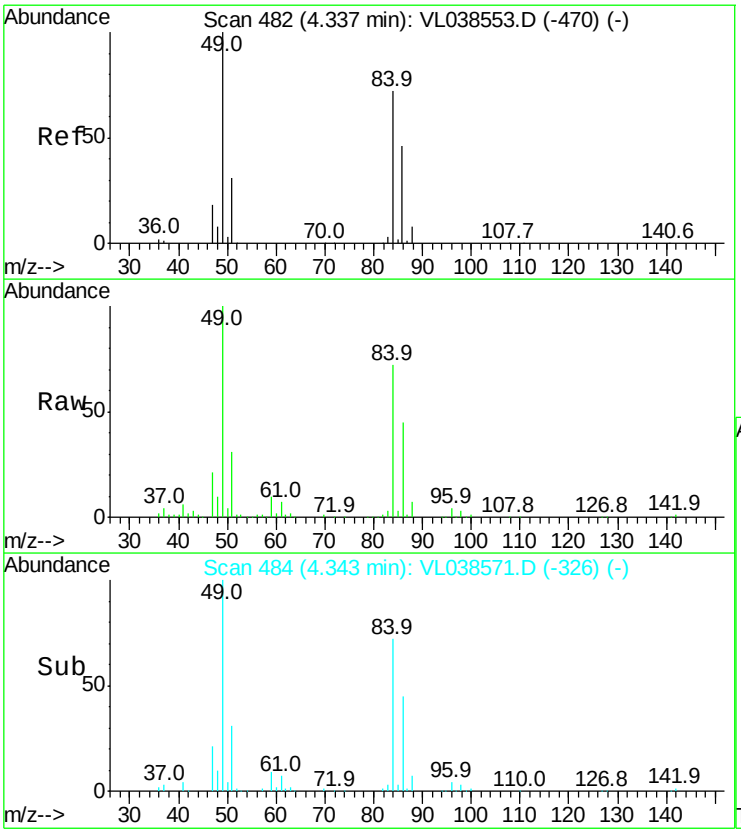
#19
Isopropyl Alcohol
Concen: 9.57 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 408928

Ion	Ratio	Lower	Upper
45	100		
58	4.1	2.2	3.2#

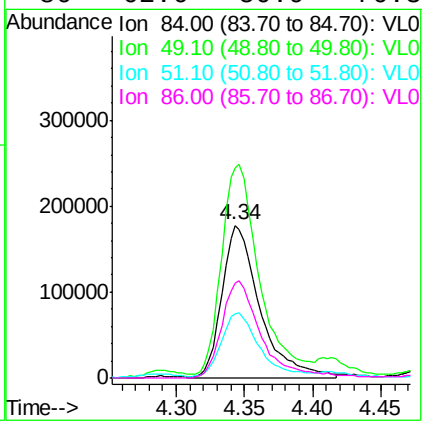


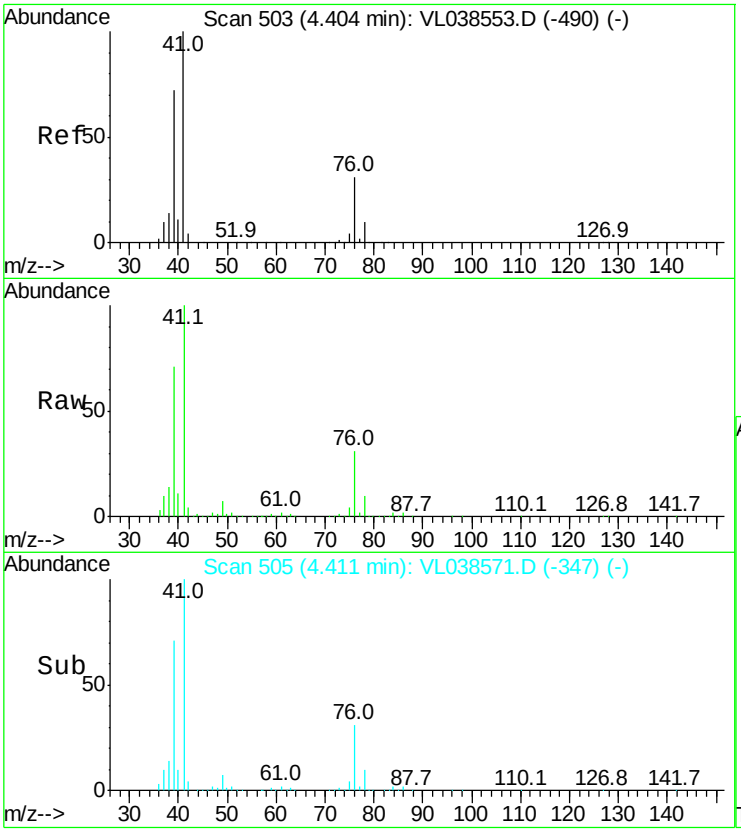


#20
Methylene Chloride
Concen: 8.90 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 84 Resp: 342829

Ion	Ratio	Lower	Upper
84	100		
49	136.5	111.1	166.7
51	41.4	34.0	51.0
86	62.6	50.9	76.3



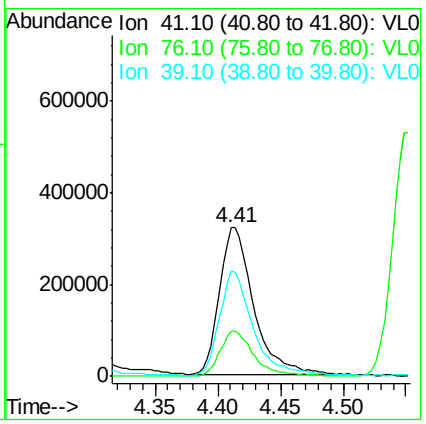


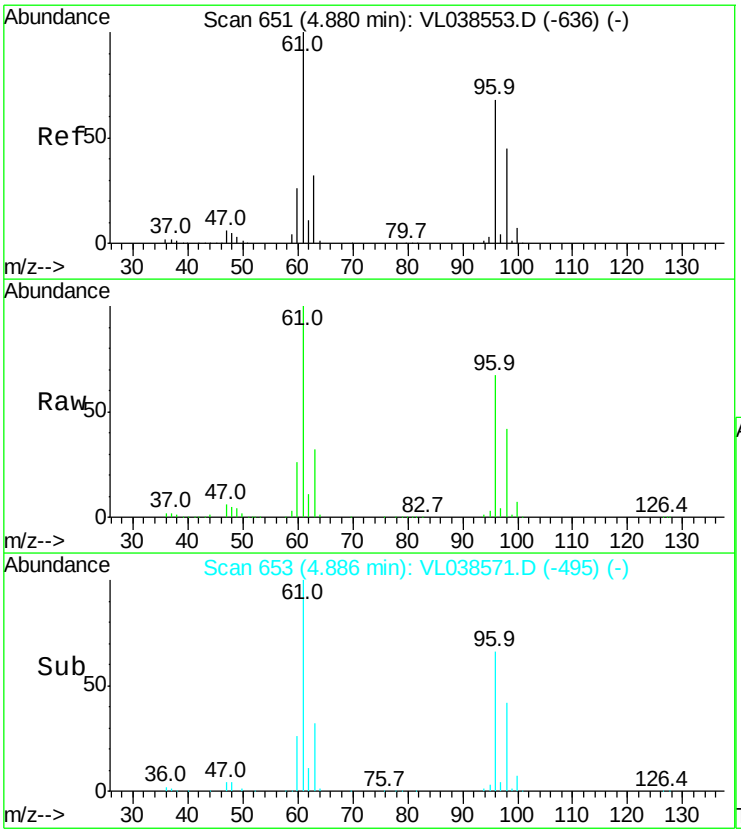
#21
Allyl Chloride
Concen: 9.88 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 609603

Ion	Ratio	Lower	Upper
41	100		
76	31.2	24.3	36.5
39	70.2	57.1	85.7

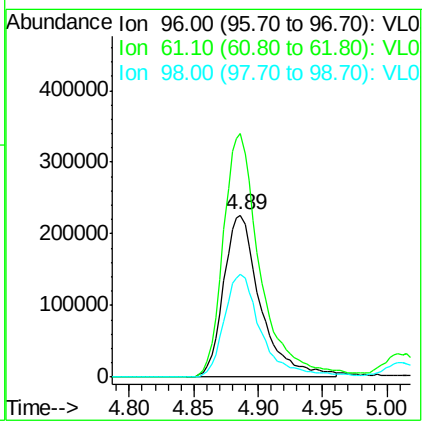


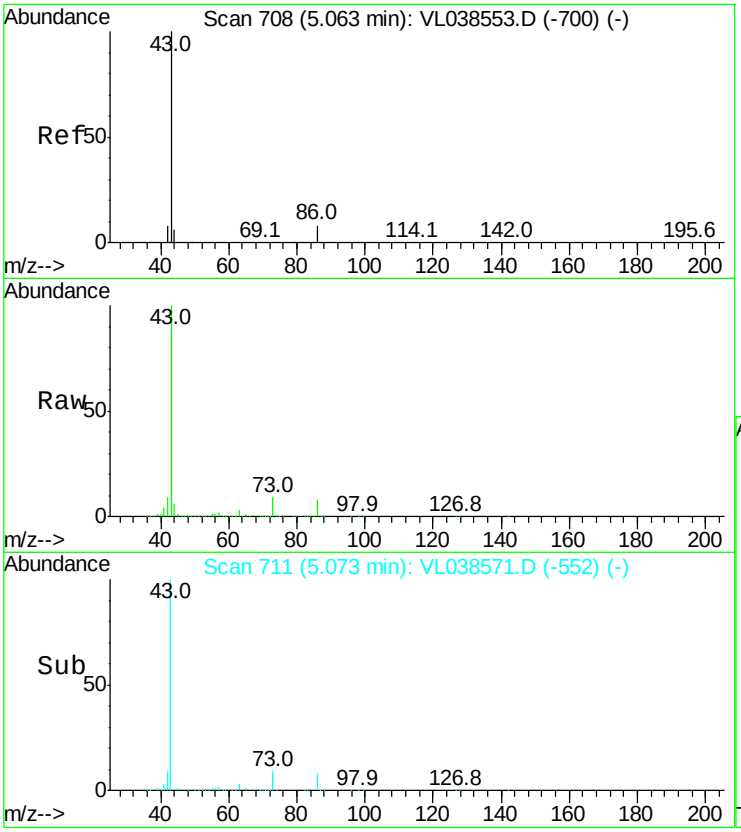


#22
trans-1,2-Dichloroethene
Concen: 10.27 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 96 Resp: 450356

Ion	Ratio	Lower	Upper
96	100		
61	149.8	117.6	176.4
98	63.6	52.6	78.8



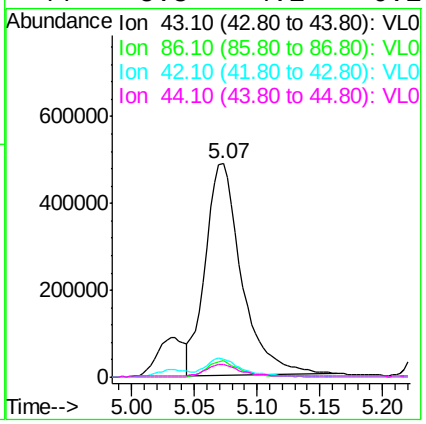


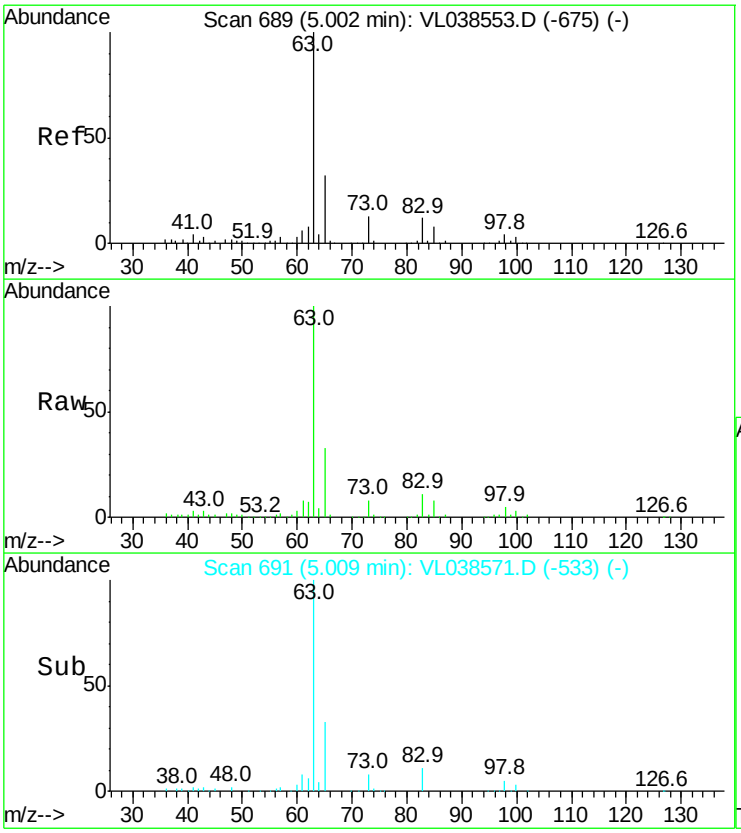
#23
Vinyl Acetate
Concen: 10.70 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 982265

Ion	Ratio	Lower	Upper
43	100		
86	7.8	5.6	8.4
42	8.4	7.1	10.7
44	5.3	4.1	6.1

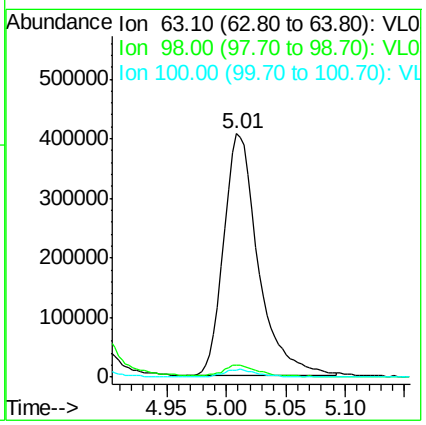


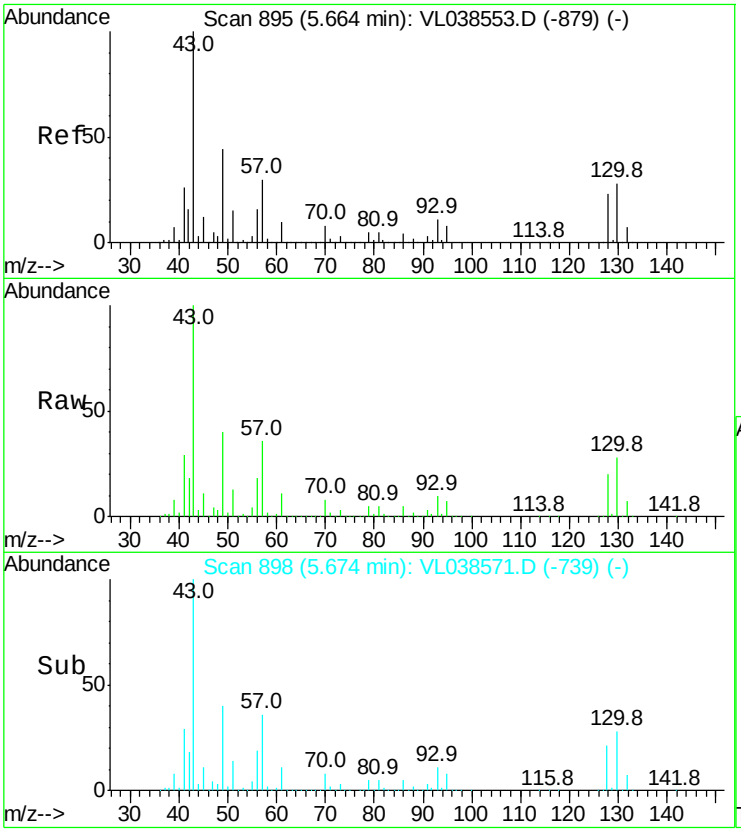


#24
1,1-Dichloroethane
Concen: 9.85 ppbv
RT: 5.01 min Scan# 691
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 63 Resp: 821754

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.2	6.6
100	3.0	1.5	4.5



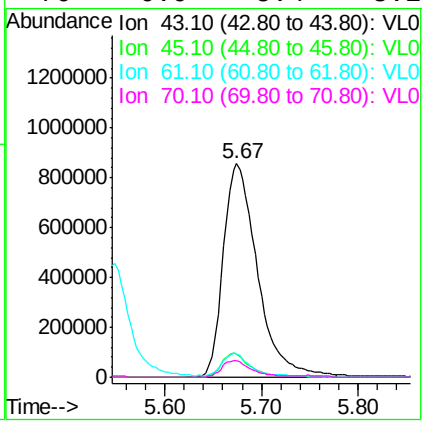


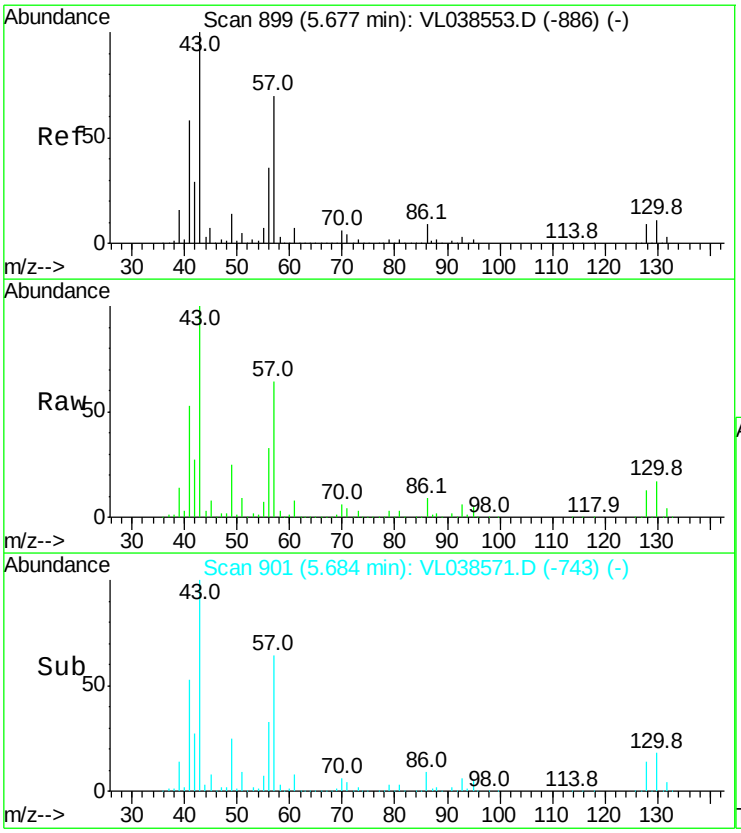
#25
Ethyl Acetate
Concen: 9.73 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2097408

Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.0	12.0
61	9.9	8.2	12.4
70	6.9	5.4	8.2

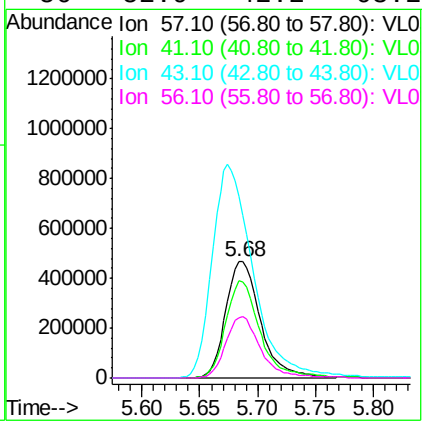


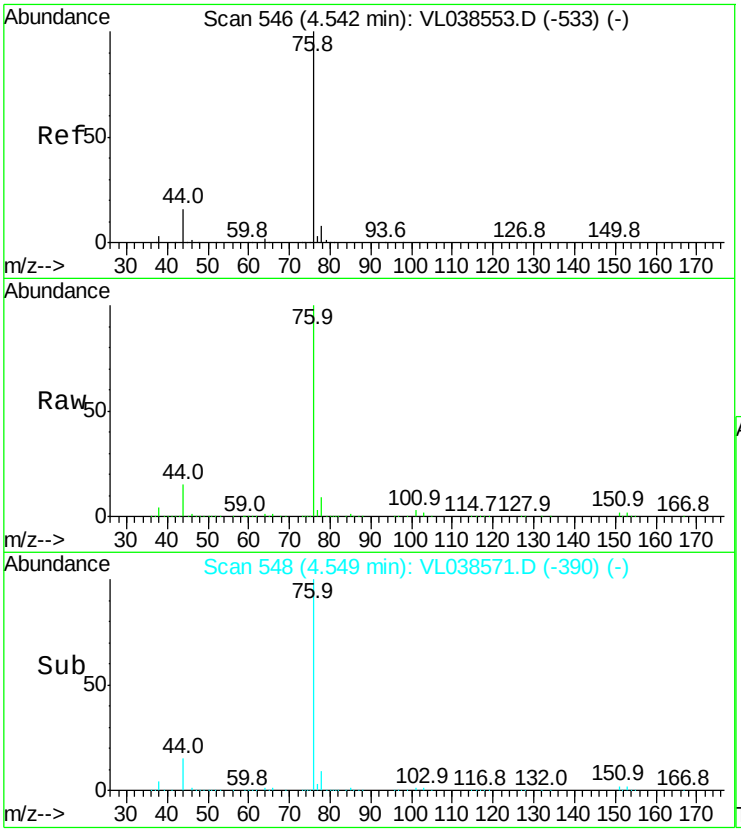


#26
Hexane
Concen: 9.65 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 57 Resp: 977012

Ion	Ratio	Lower	Upper
57	100		
41	83.6	67.8	101.6
43	216.7	173.6	260.4
56	52.9	42.2	63.2



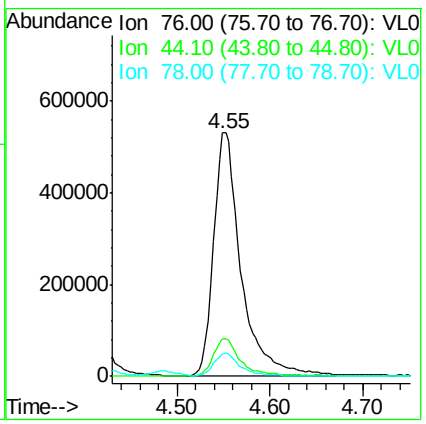


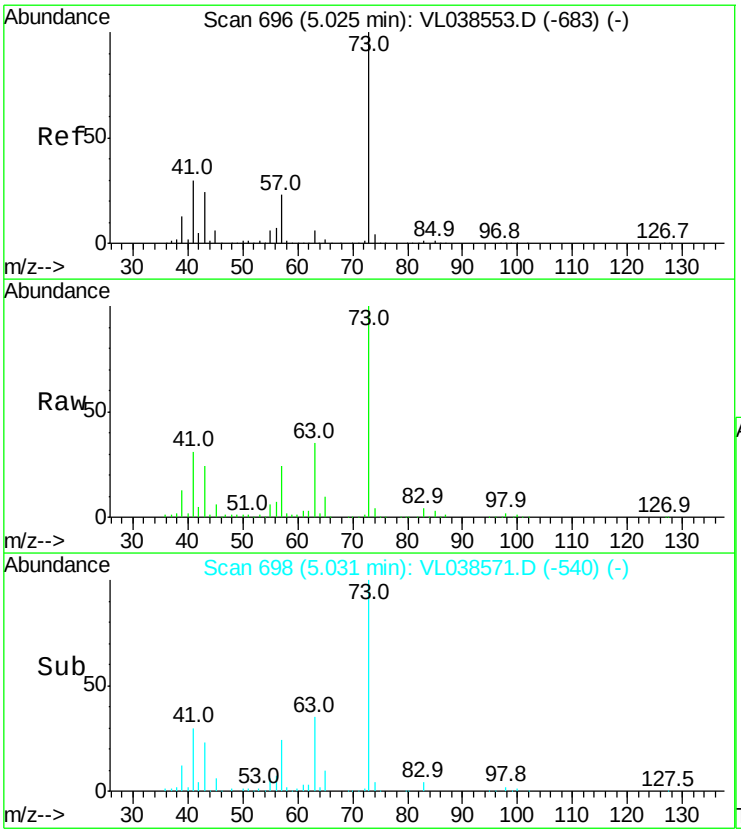
#27
Carbon Disulfide
Concen: 10.82 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1091427

Ion	Ratio	Lower	Upper
76	100		
44	15.0	12.9	19.3
78	9.3	7.8	11.6

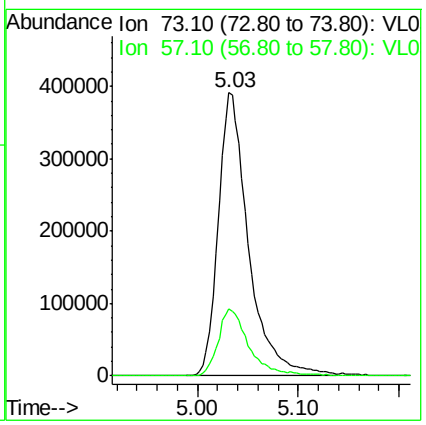


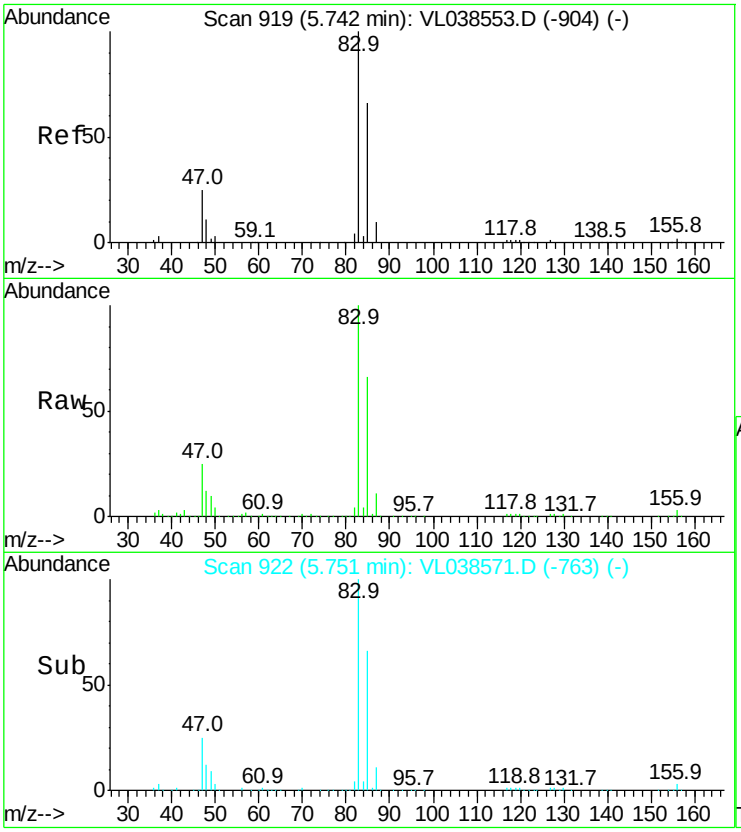


#28
Methyl tert-Butyl Ether
Concen: 9.97 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 73 Resp: 821362

Ion	Ratio	Lower	Upper
73	100		
57	24.2	18.8	28.2



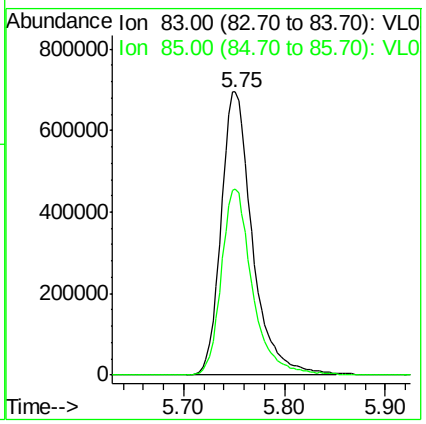


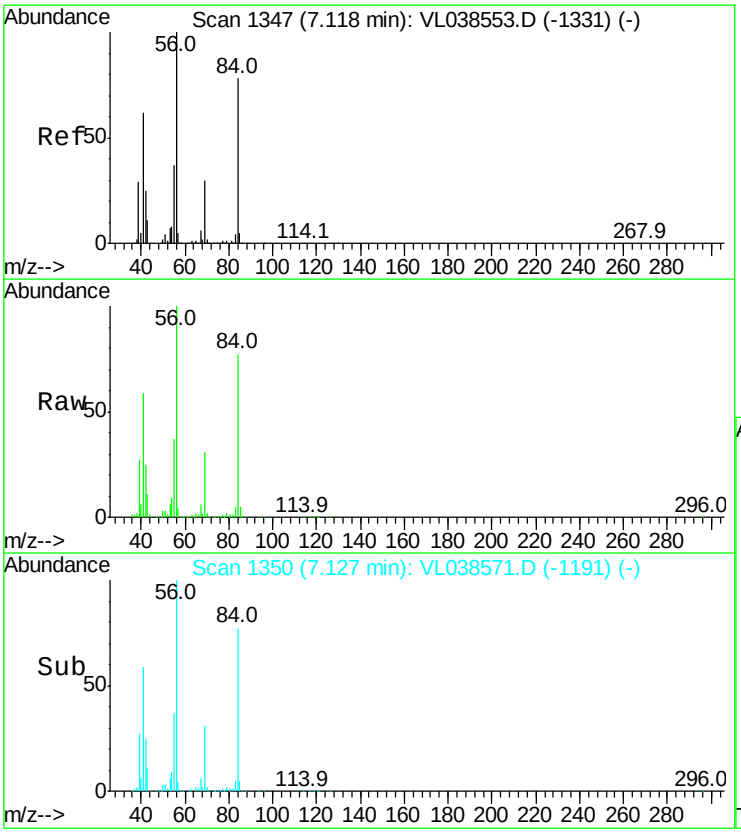
#29
Chloroform
Concen: 9.57 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1508537

Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.8	79.2

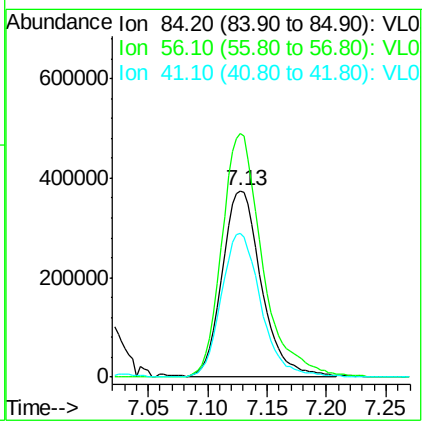


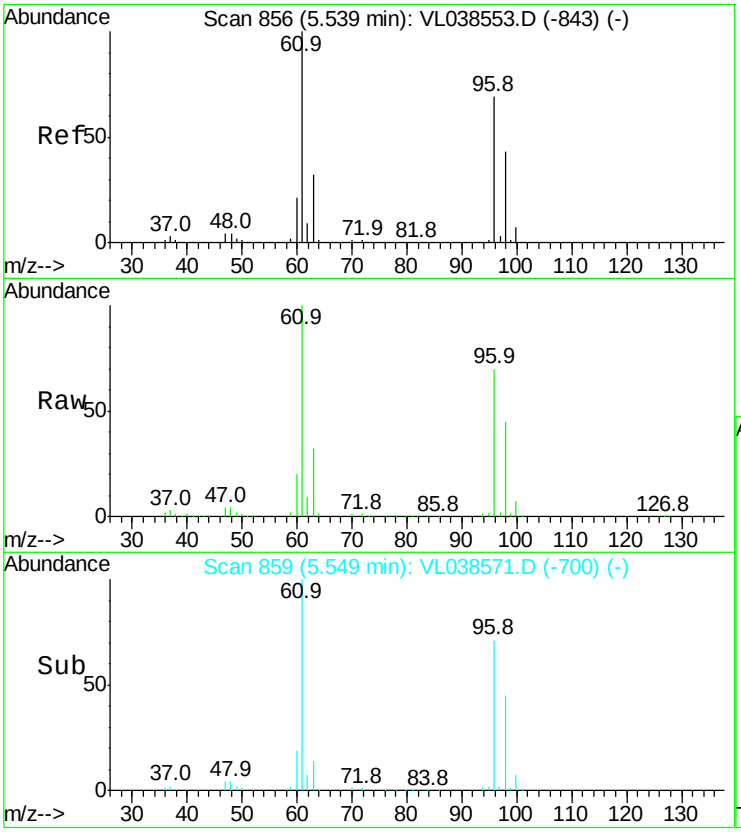


#30
Cyclohexane
Concen: 9.83 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 84 Resp: 860480

Ion	Ratio	Lower	Upper
84	100		
56	134.9	111.4	167.0
41	77.3	65.5	98.3



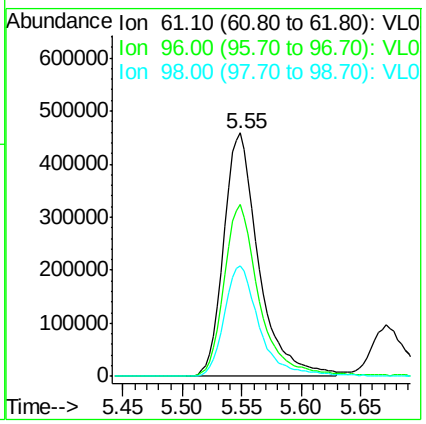


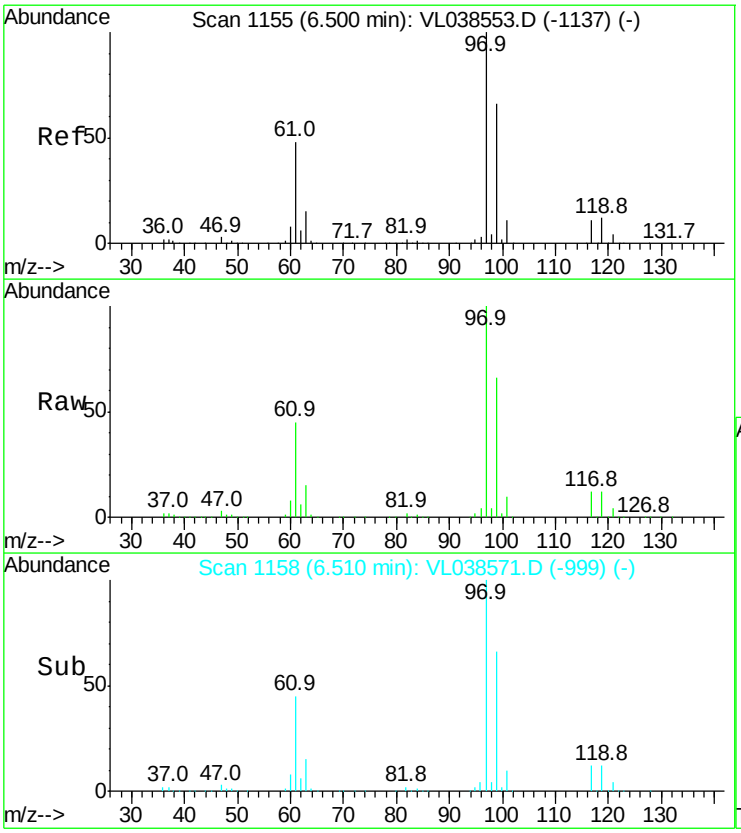
#31
cis-1,2-Dichloroethene
Concen: 9.64 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 933289

Ion	Ratio	Lower	Upper
61	100		
96	70.3	55.2	82.8
98	45.1	34.2	51.4

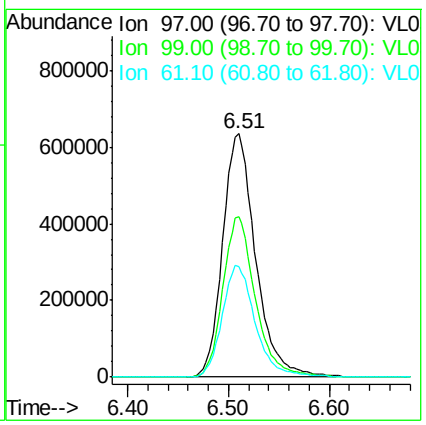


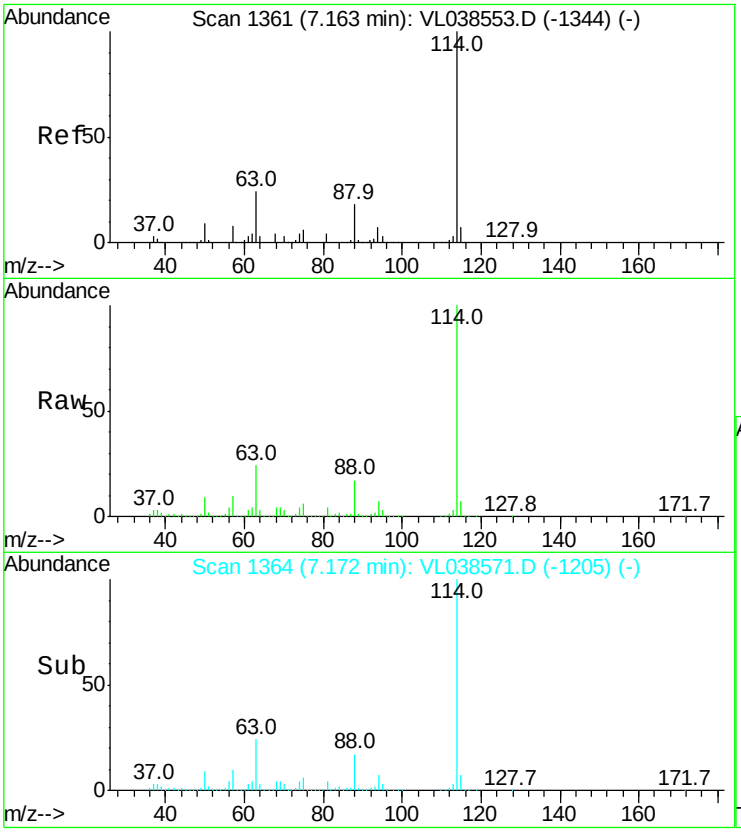


#32
1,1,1-Trichloroethane
Concen: 9.47 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 97 Resp: 1447227

Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.1	78.1
61	45.9	37.7	56.5



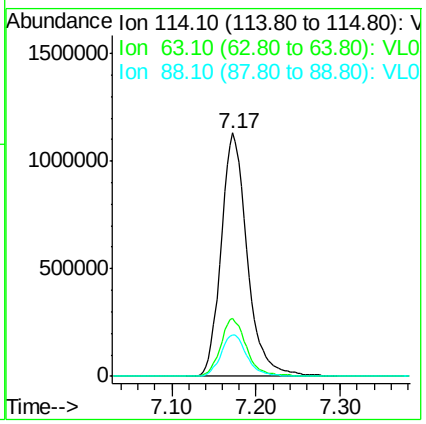


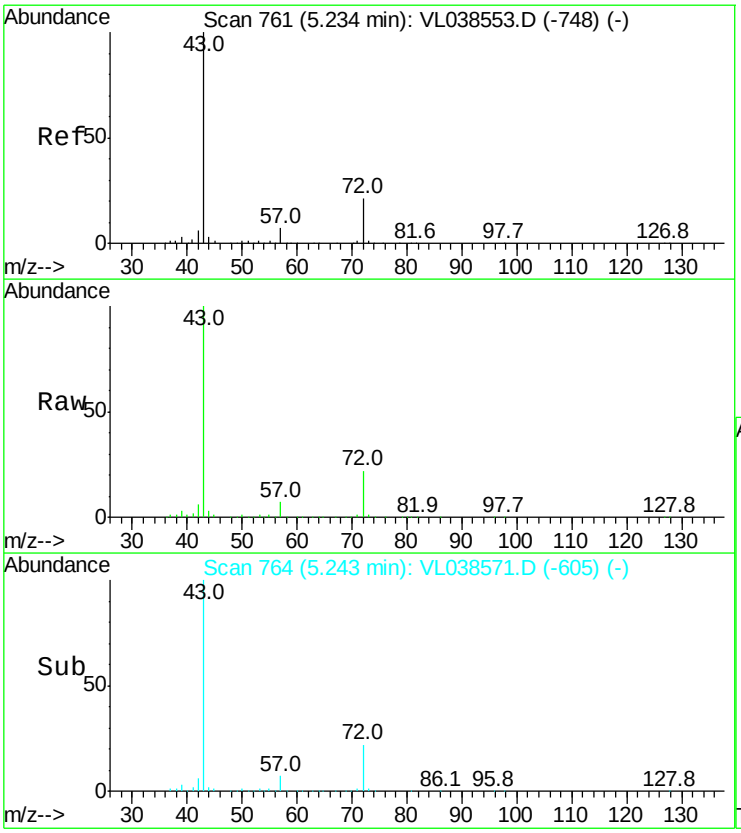
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2429509

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.6	29.4
88	17.1	13.9	20.9

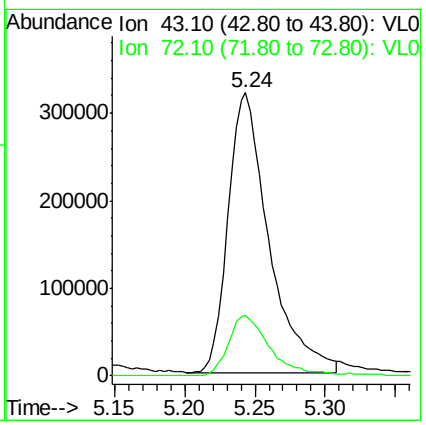


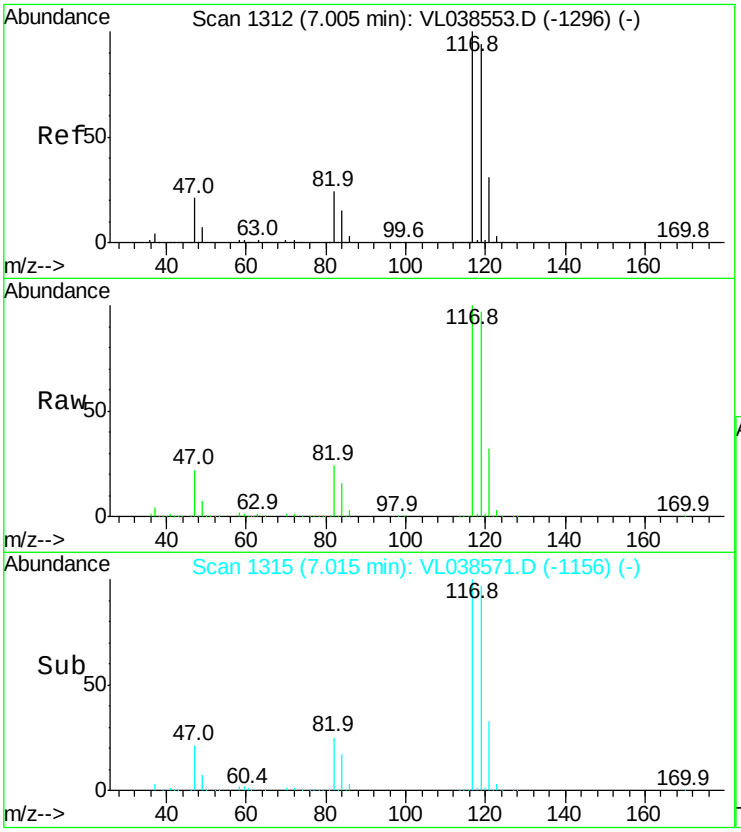


#34
2-Butanone
Concen: 10.28 ppbv
RT: 5.24 min Scan# 764
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 43 Resp: 647111

Ion	Ratio	Lower	Upper
43	100		
72	22.9	17.8	26.6



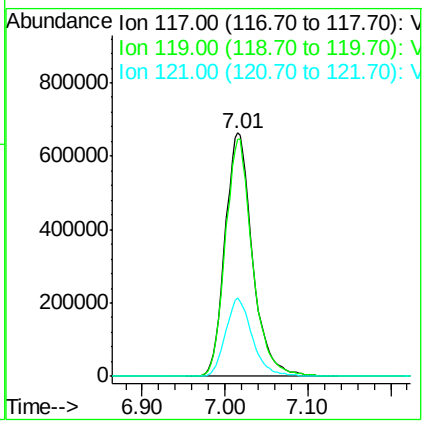


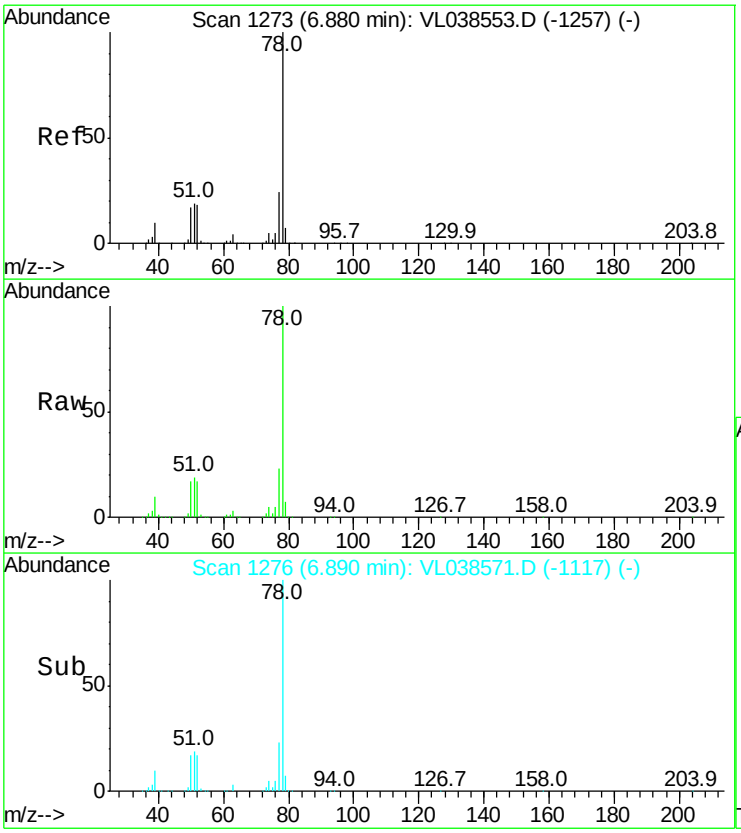
#35
Carbon Tetrachloride
Concen: 9.17 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1520018

Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.2	112.8
121	32.2	24.8	37.2

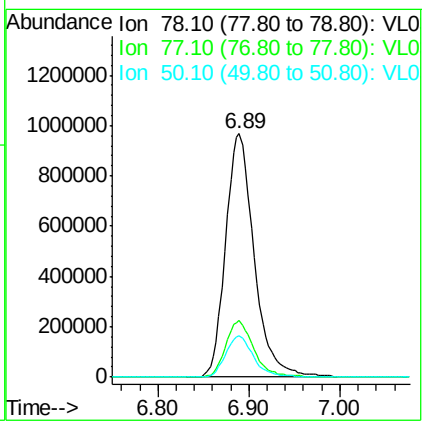


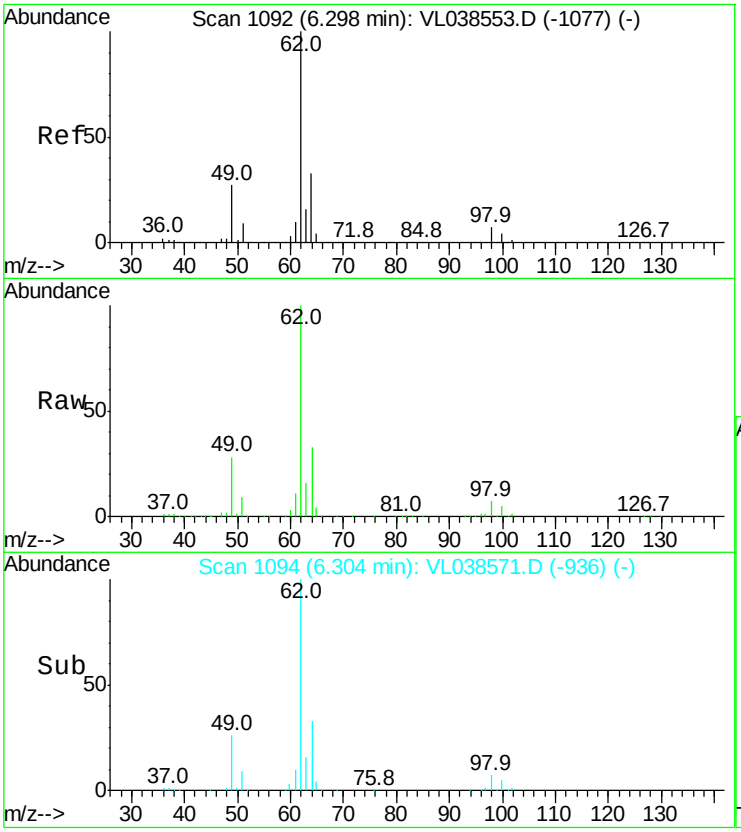


#36
Benzene
Concen: 9.62 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 78 Resp: 2108973

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4
50	16.8	13.9	20.9



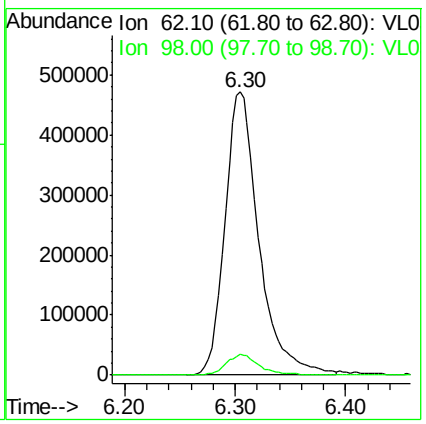


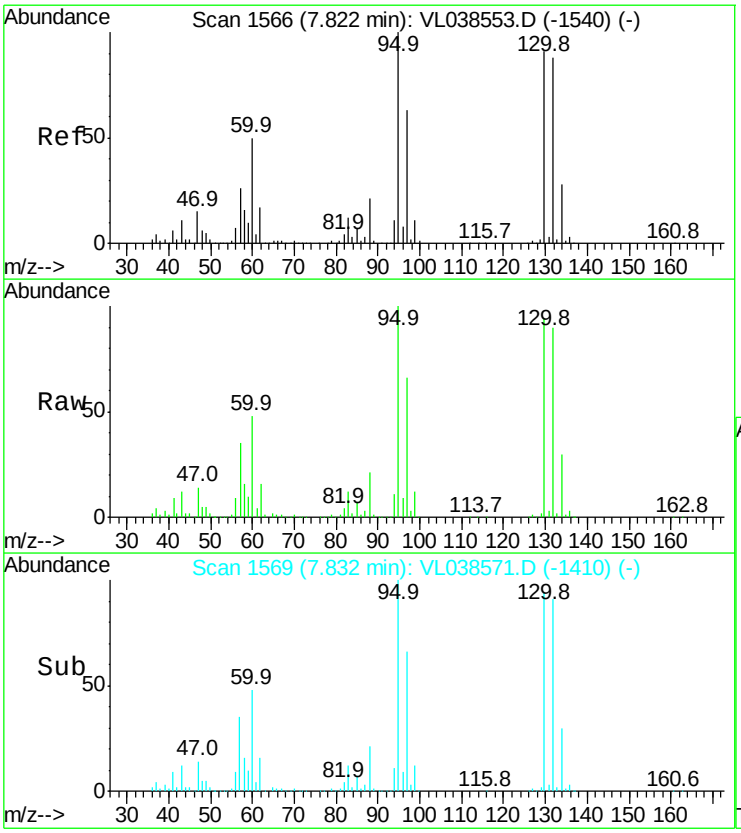
#37
1,2-Dichloroethane
Concen: 9.58 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1004169

Ion	Ratio	Lower	Upper
62	100		
98	7.4	5.7	8.5

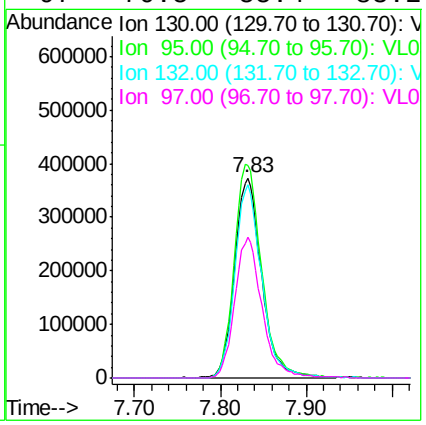


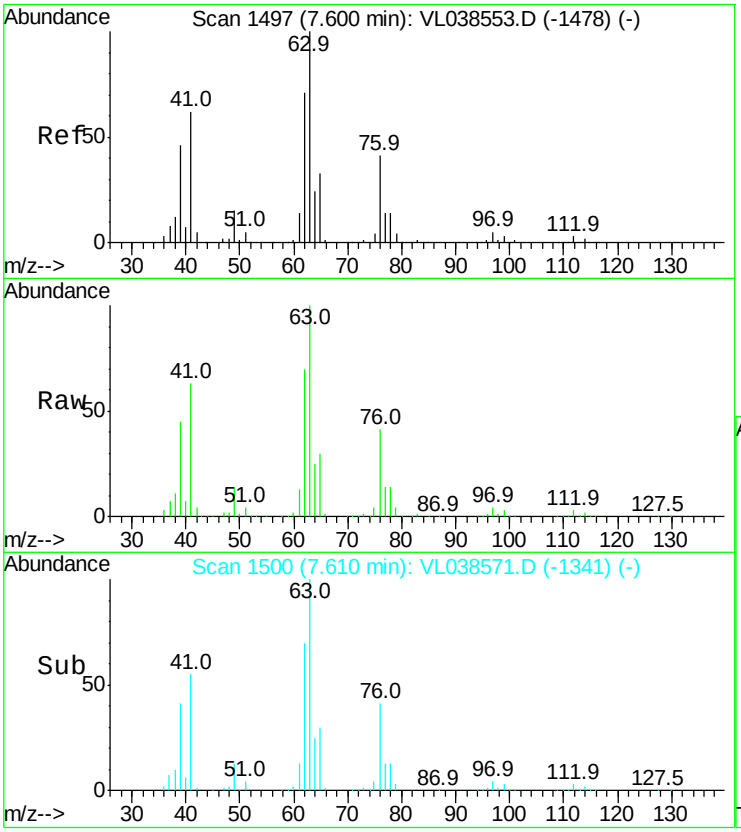


#38
Trichloroethene
Concen: 9.27 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:130 Resp: 812050

Ion	Ratio	Lower	Upper
130	100		
95	106.7	87.8	131.8
132	96.5	77.5	116.3
97	70.5	55.4	83.2



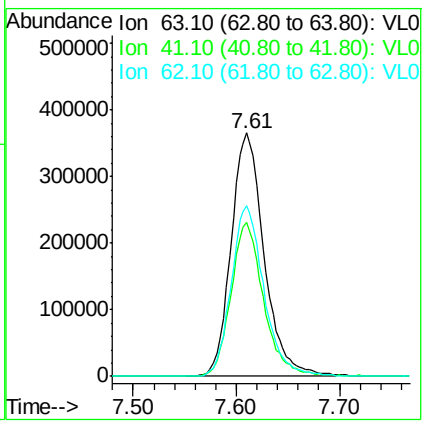


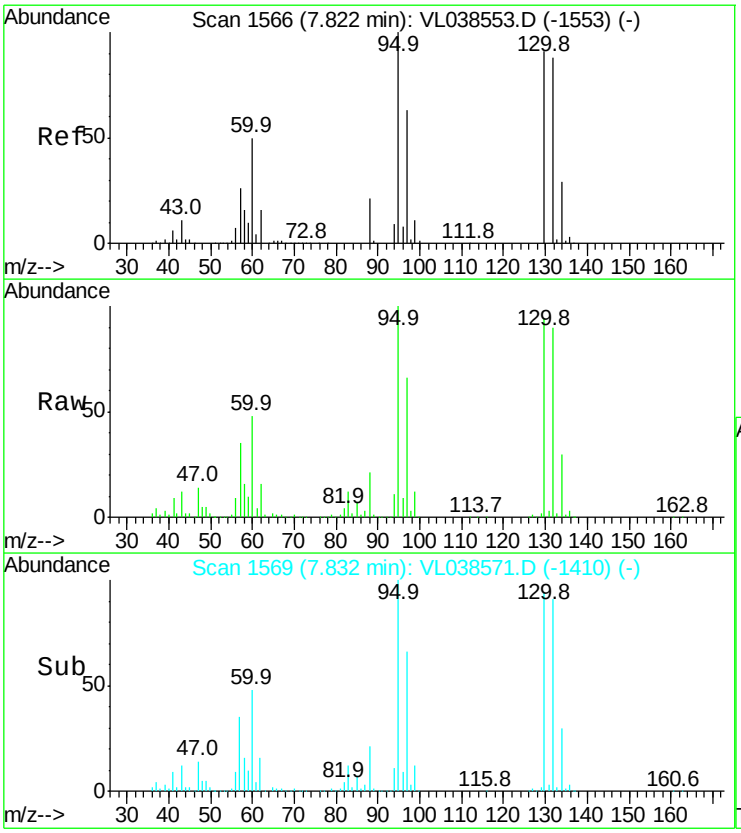
#39
1,2-Dichloropropane
Concen: 9.64 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 812589

Ion	Ratio	Lower	Upper
63	100		
41	63.2	49.8	74.6
62	70.1	56.7	85.1

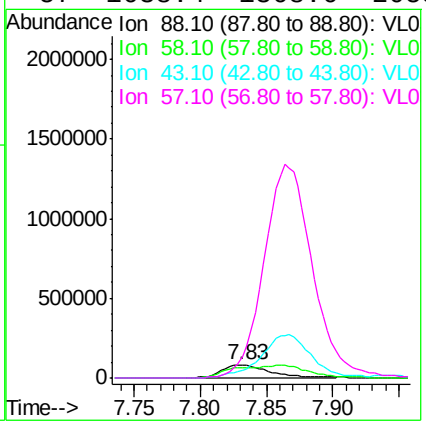


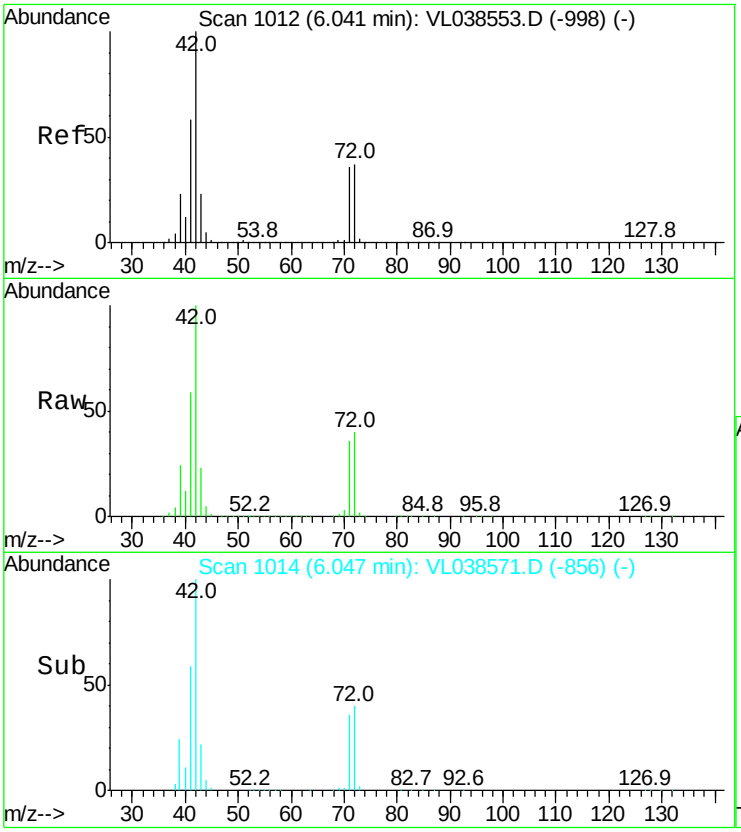


#40
1,4-Dioxane
Concen: 9.98 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 88 Resp: 210515

Ion	Ratio	Lower	Upper
88	100		
58	152.9	126.7	190.1
43	342.8	303.0	454.6
57	1638.4	1368.6	2053.0



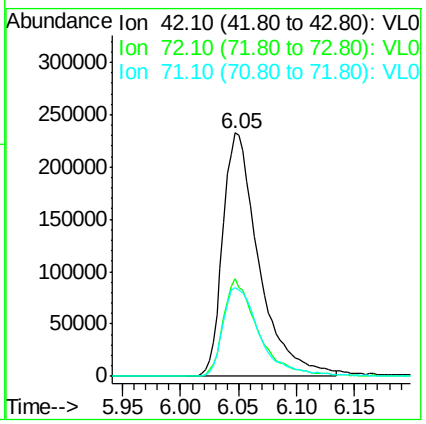


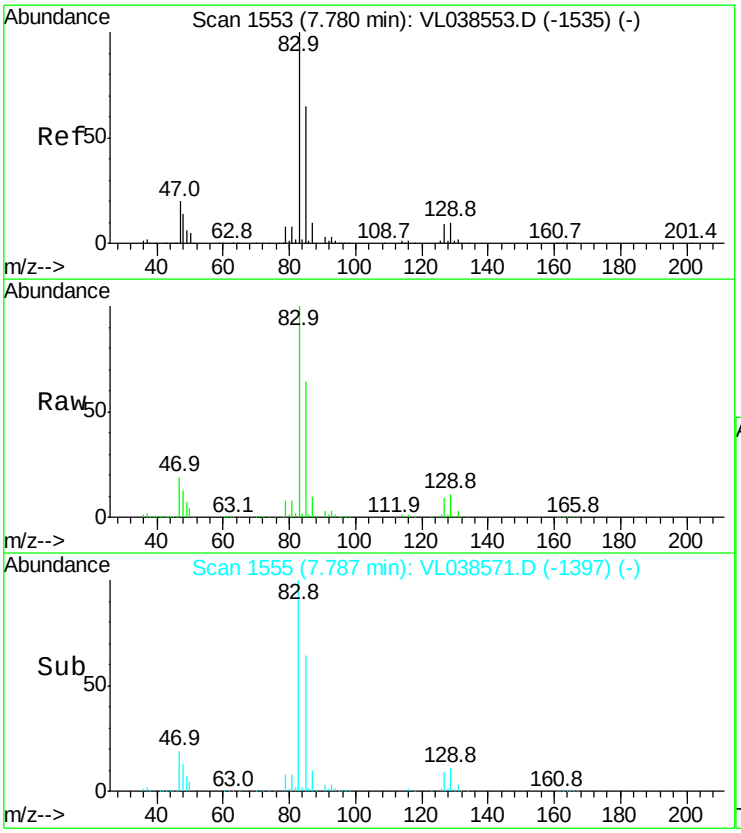
#41
Tetrahydrofuran
Concen: 9.72 ppbv
RT: 6.05
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 500868

Ion	Ratio	Lower	Upper
42	100		
72	39.0	30.9	46.3
71	37.8	29.1	43.7

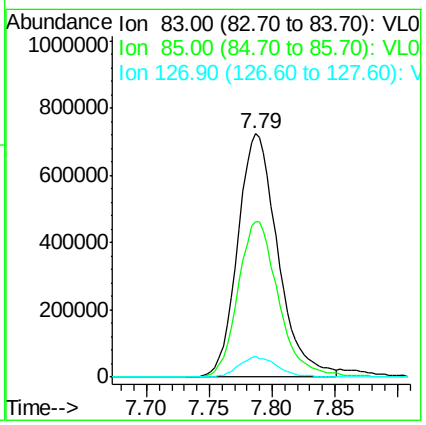


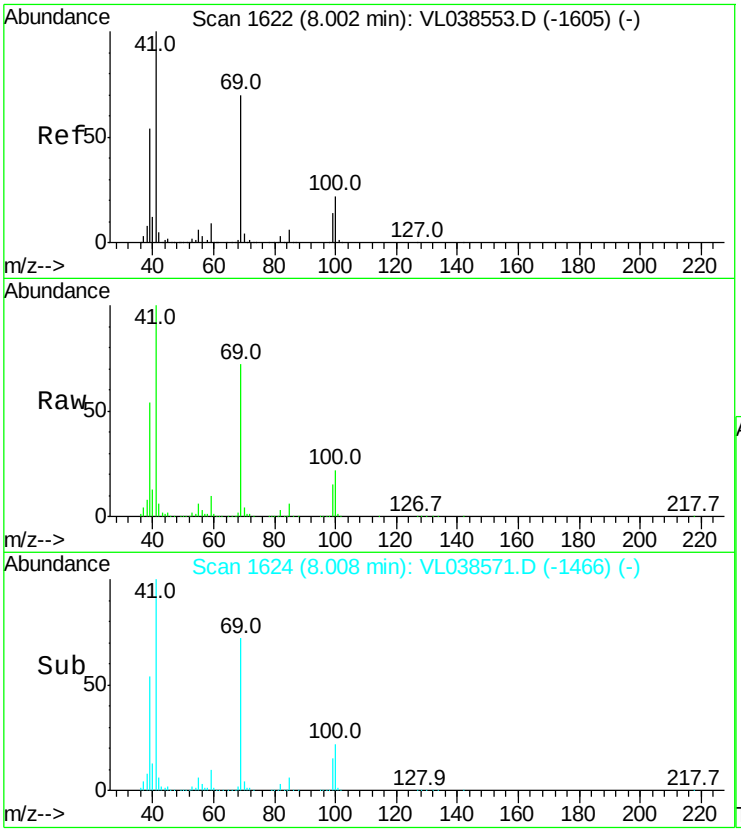


#42
Bromodichloromethane
Concen: 9.69 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 83 Resp: 1609514

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.7	77.5
127	8.6	6.9	10.3



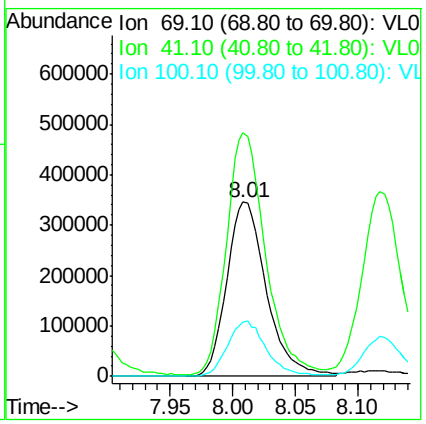


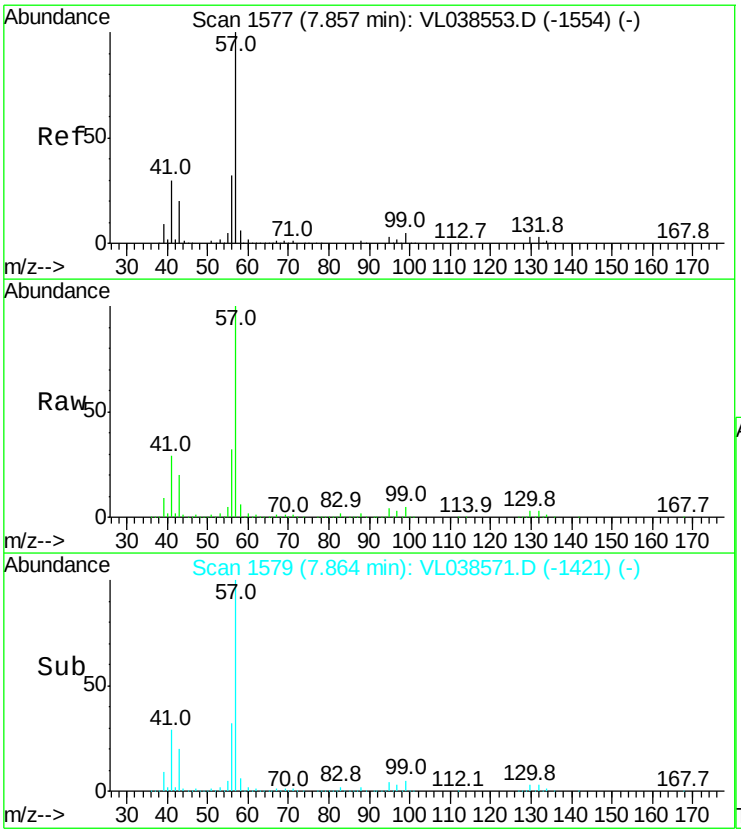
#43
Methyl Methacrylate
Concen: 10.09 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 759363

Ion	Ratio	Lower	Upper
69	100		
41	138.6	113.8	170.6
100	30.8	24.4	36.6

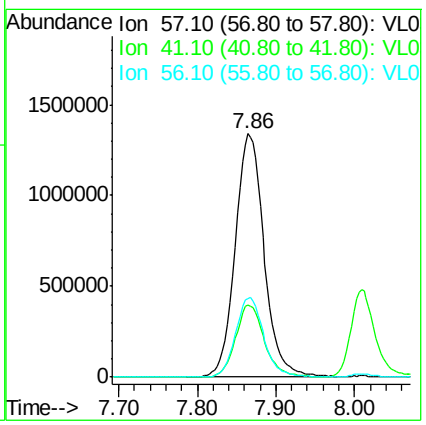


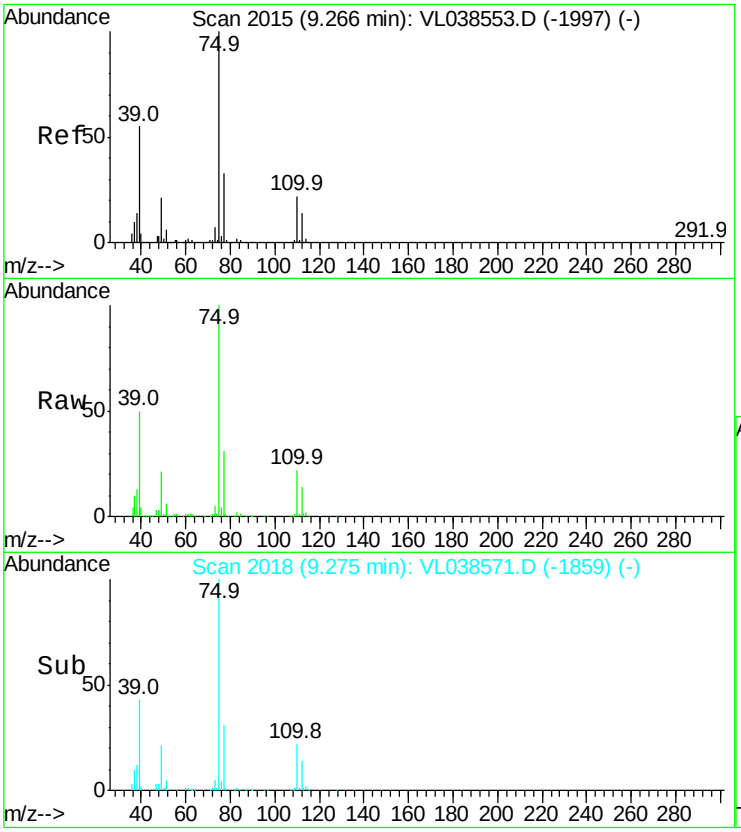


#44
2,2,4-Trimethylpentane
Concen: 9.30 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 57 Resp: 3446131

Ion	Ratio	Lower	Upper
57	100		
41	29.5	24.0	36.0
56	31.9	25.6	38.4



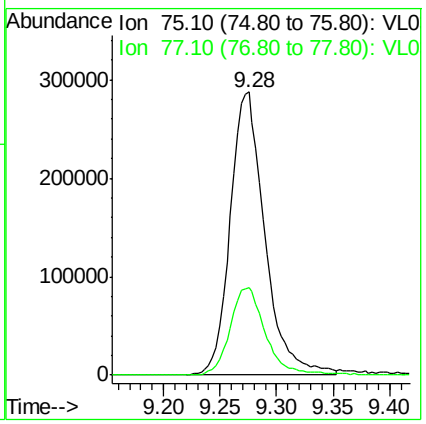


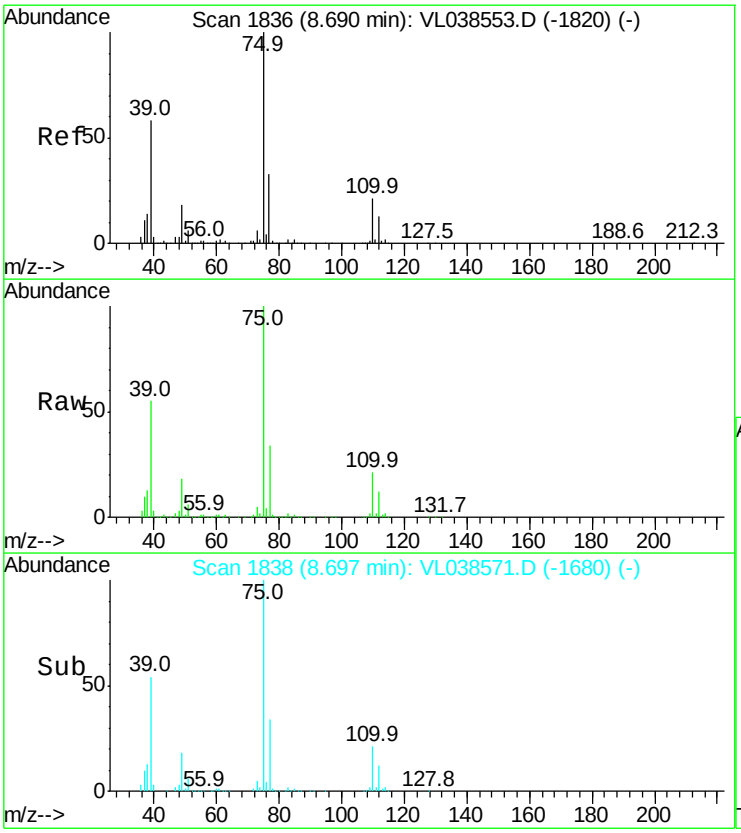
#45
t-1,3-Dichloropropene
Concen: 11.27 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 611276

Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.6	40.0

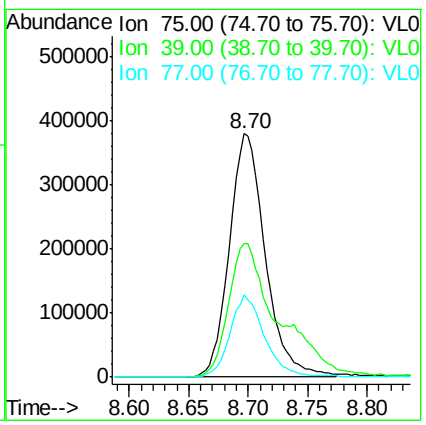


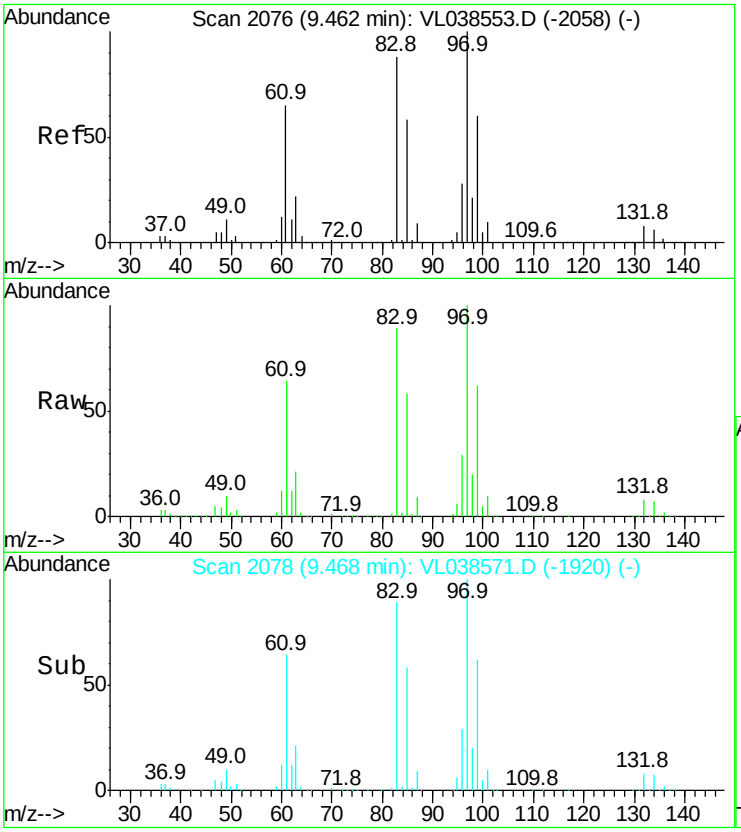


#46
cis-1,3-Dichloropropene
Concen: 10.72 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 75 Resp: 794755

Ion	Ratio	Lower	Upper
75	100		
39	54.8	46.2	69.2
77	33.6	26.2	39.2



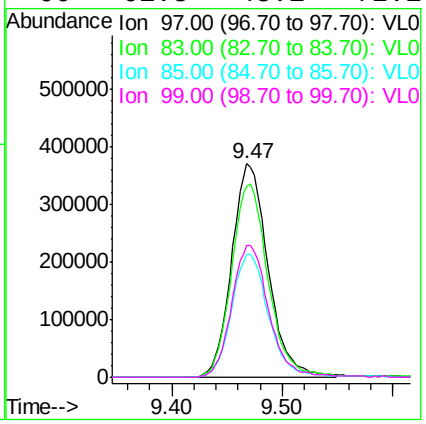


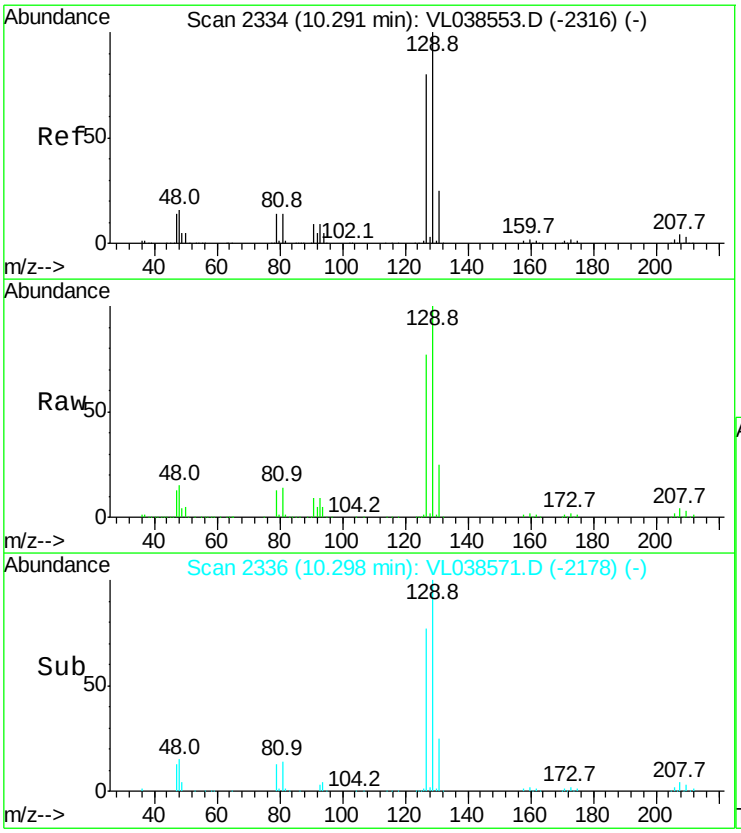
#47
1,1,2-Trichloroethane
Concen: 9.89 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 849955

Ion	Ratio	Lower	Upper
97	100		
83	89.2	70.1	105.1
85	57.6	46.6	69.8
99	61.8	48.1	72.1

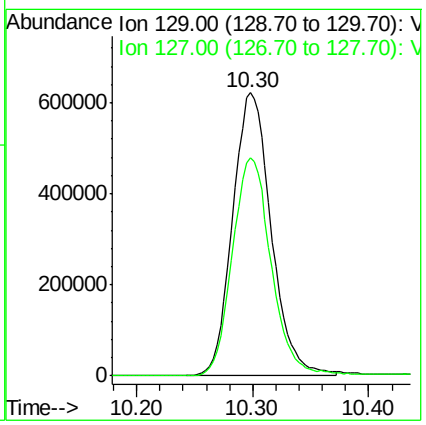


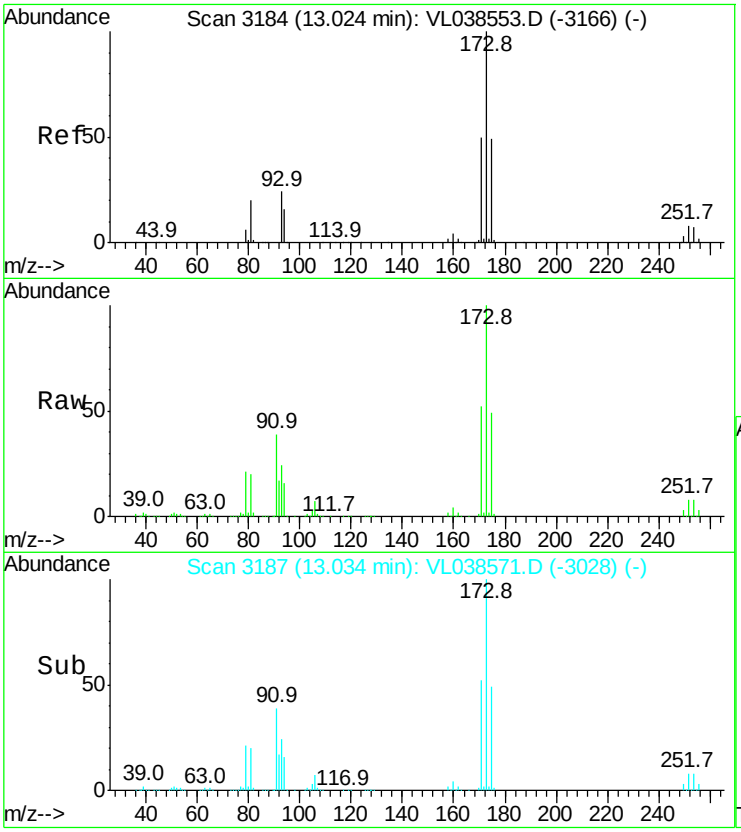


#48
Dibromochloromethane
Concen: 10.55 ppbv
RT: 10.30 min Scan# 2336
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:129 Resp: 1438824

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.5	118.3



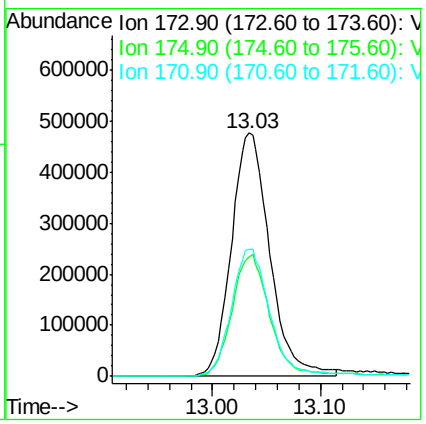


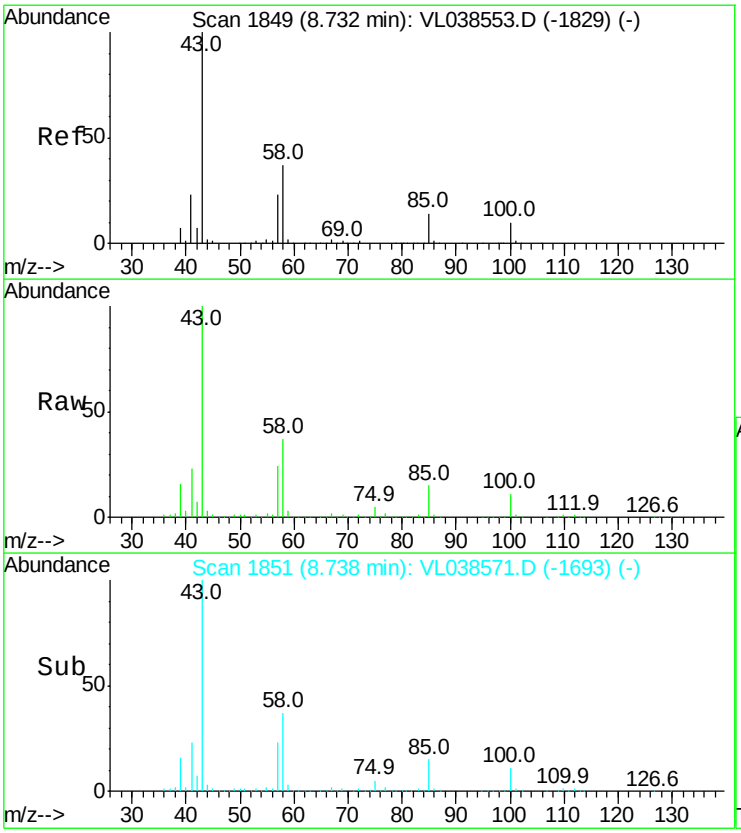
#49
Bromoform
Concen: 11.29 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1179439

Ion	Ratio	Lower	Upper
173	100		
175	51.3	40.7	61.1
171	54.5	42.9	64.3

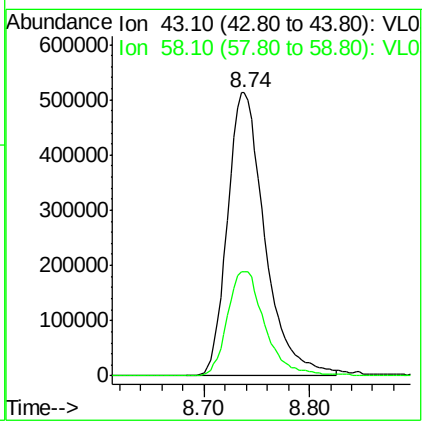


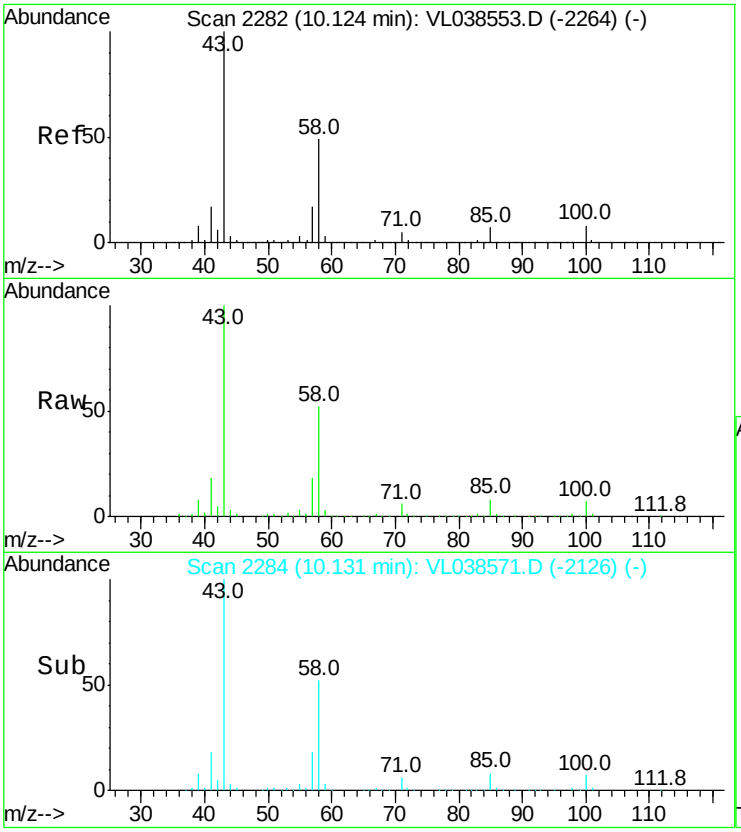


#50
4-Methyl-2-Pentanone
Concen: 9.76 ppbv
RT: 8.74 min Scan# 1851
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 43 Resp: 1259878

Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.2	43.8



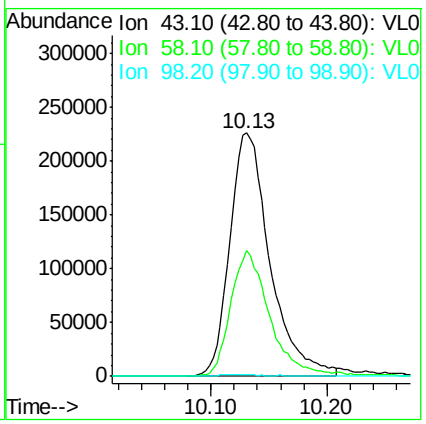


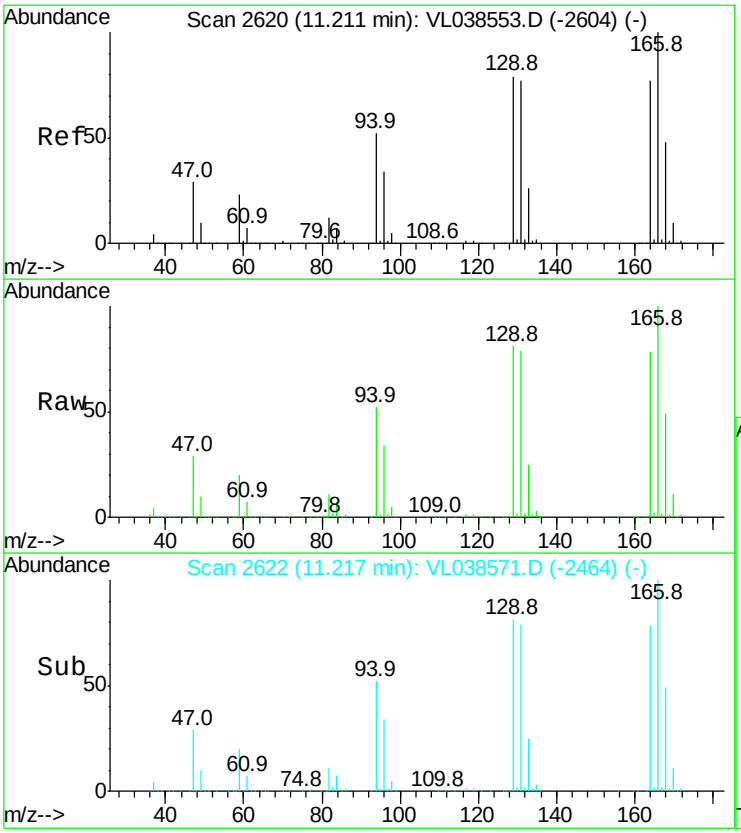
#51
2-Hexanone
Concen: 9.93 ppbv
RT: 10.13
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 541625

Ion	Ratio	Lower	Upper
43	100		
58	50.7	40.1	60.1
98	0.8	0.4	0.6#

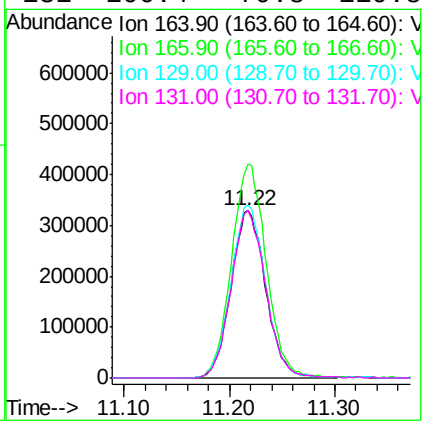


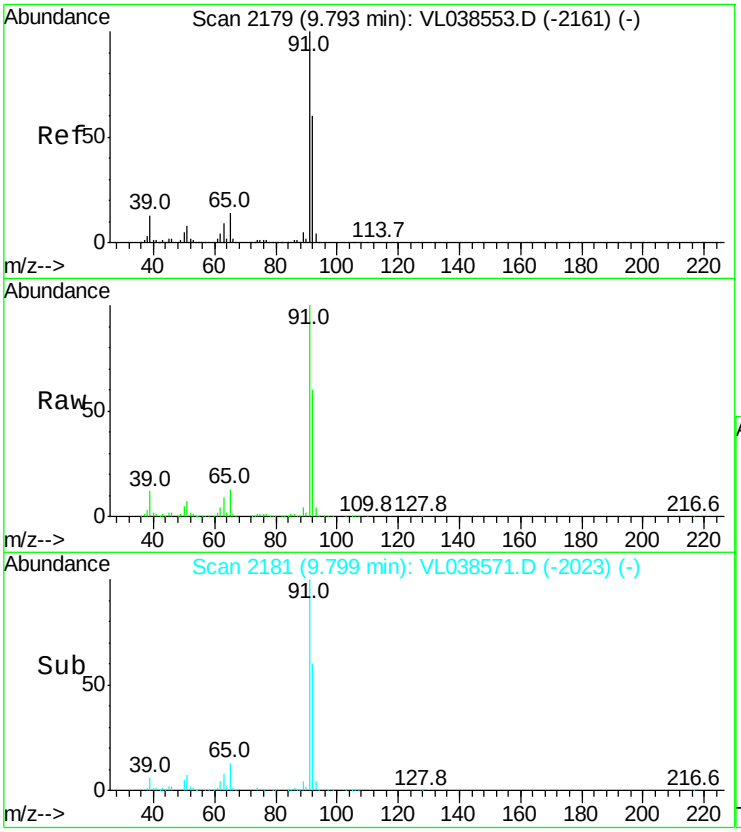


#52
Tetrachloroethene
Concen: 9.36 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:164 Resp: 751822

Ion	Ratio	Lower	Upper
164	100		
166	127.4	103.4	155.2
129	102.8	81.3	121.9
131	100.4	79.8	119.8



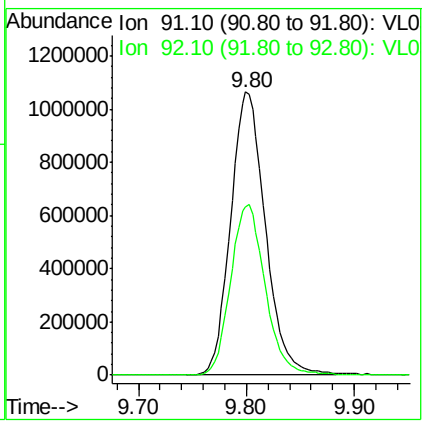


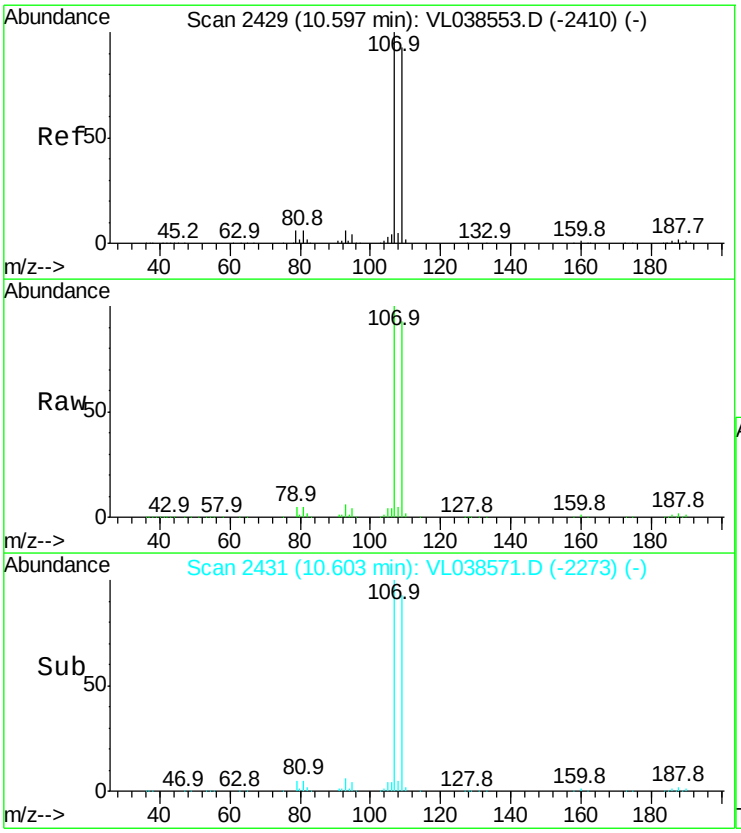
#53
Toluene
Concen: 10.21 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2388454

Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.1	72.1

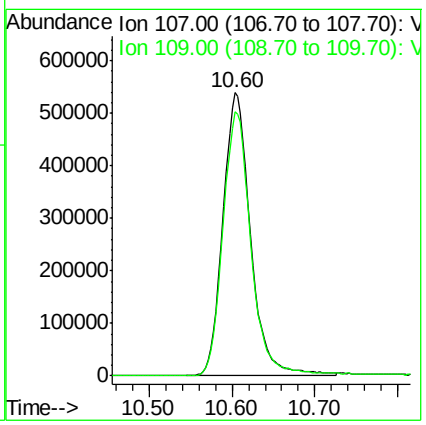


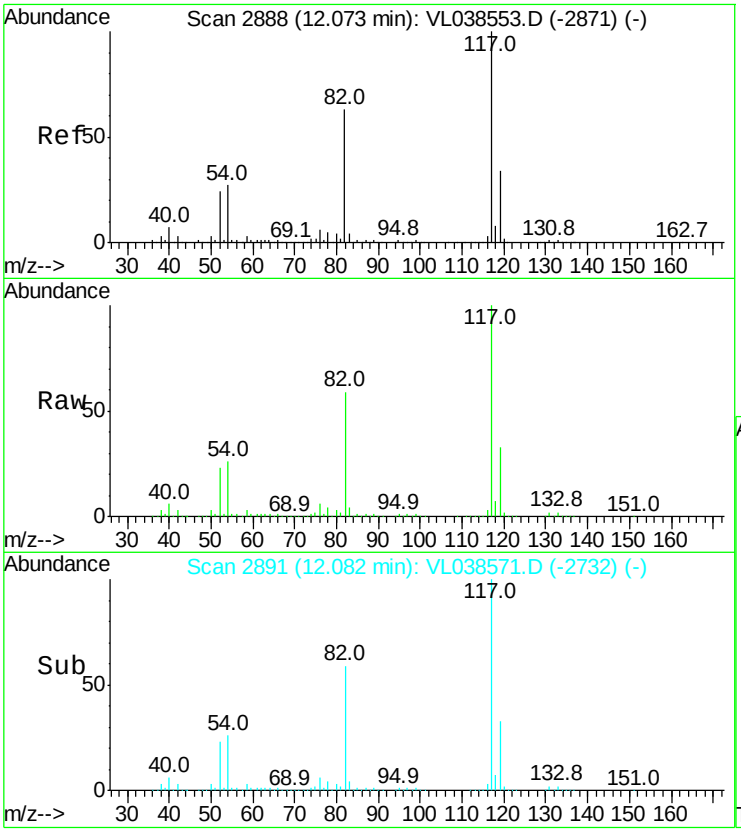


#54
1,2-Dibromoethane
Concen: 10.21 ppbv
RT: 10.60 min Scan# 2431
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:107 Resp: 1253801

Ion	Ratio	Lower	Upper
107	100		
109	93.4	74.6	112.0



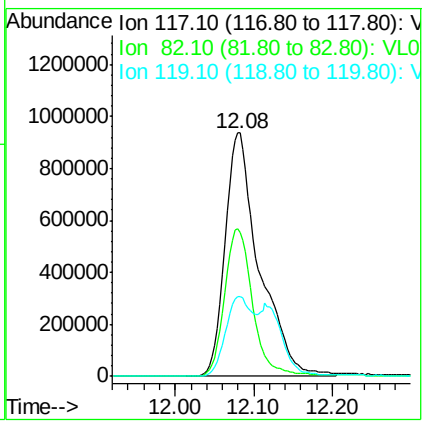


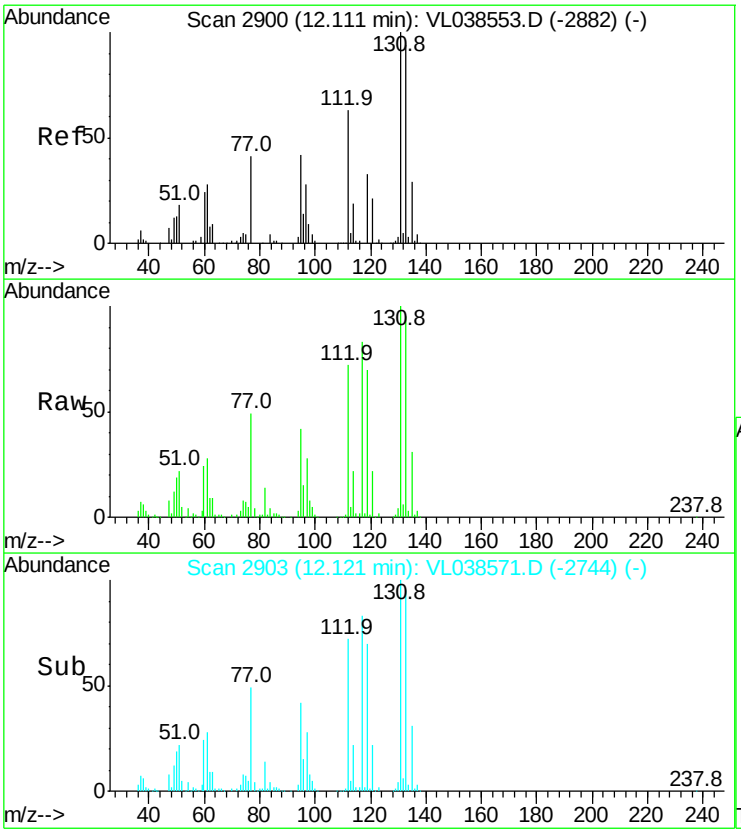
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2836363

Ion	Ratio	Lower	Upper
117	100		
82	50.9	52.5	78.7#
119	47.7	46.4	69.6

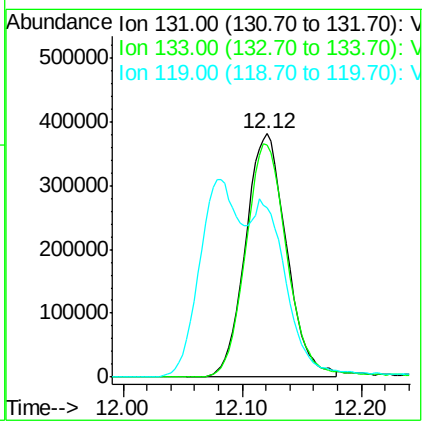


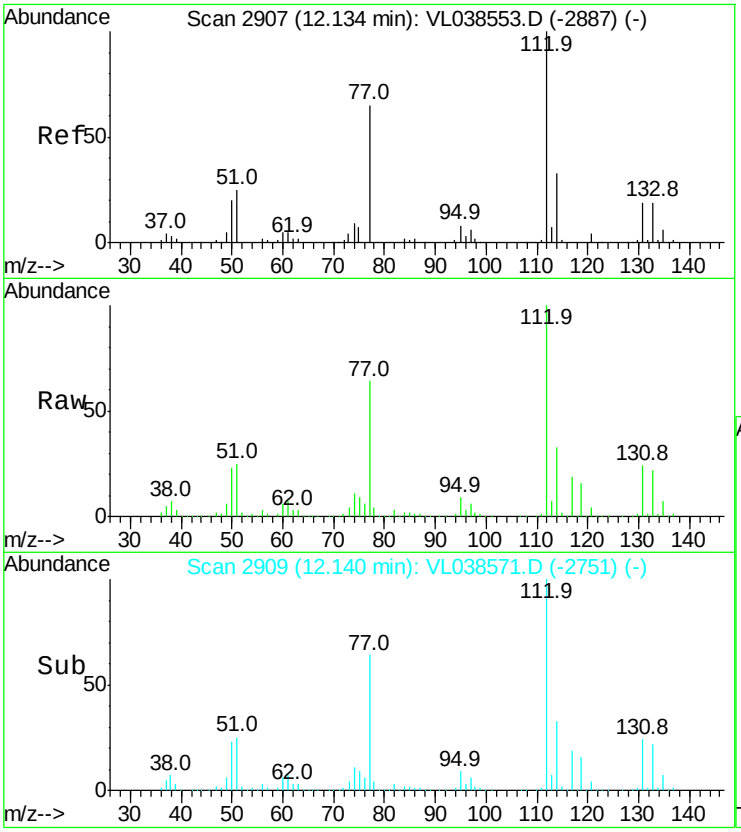


#56
1,1,1,2-Tetrachloroethane
Concen: 7.86 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:131 Resp: 907982

Ion	Ratio	Lower	Upper
131	100		
133	99.3	78.0	117.0
119	149.1	53.1	79.7#



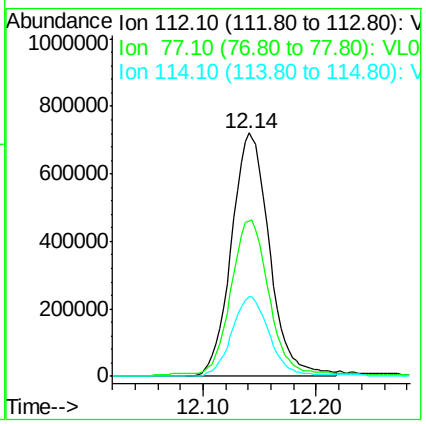


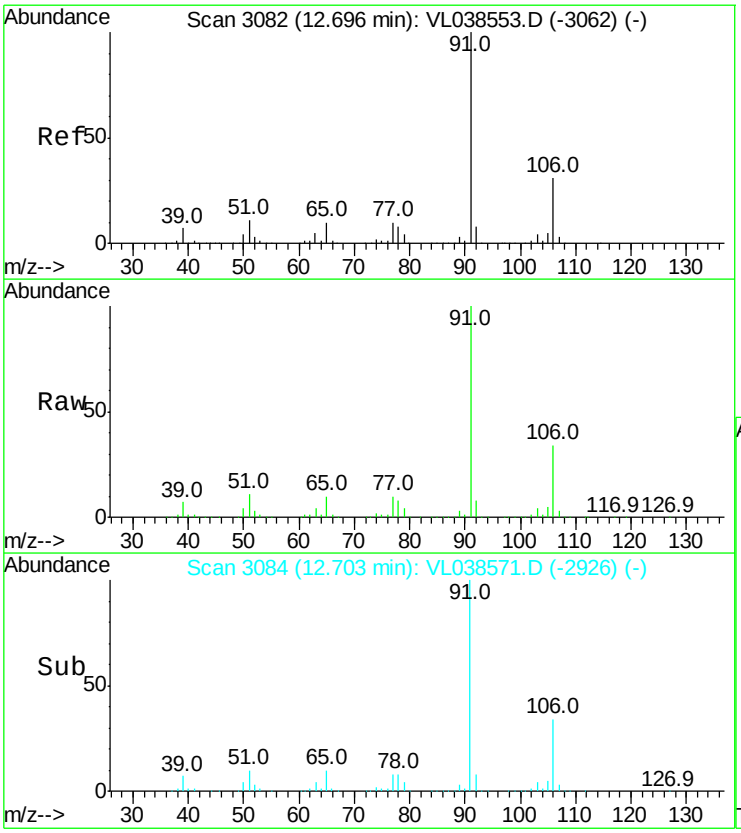
#57
Chlorobenzene
Concen: 7.79 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1687818

Ion	Ratio	Lower	Upper
112	100		
77	62.8	52.5	78.7
114	32.5	30.0	36.6

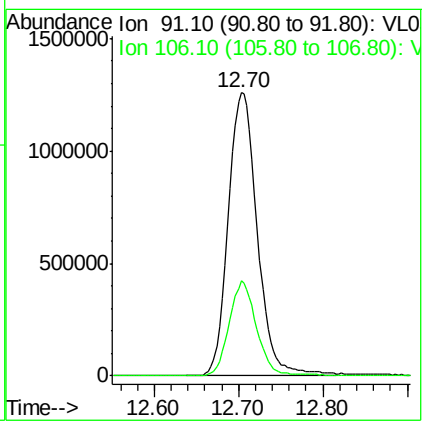


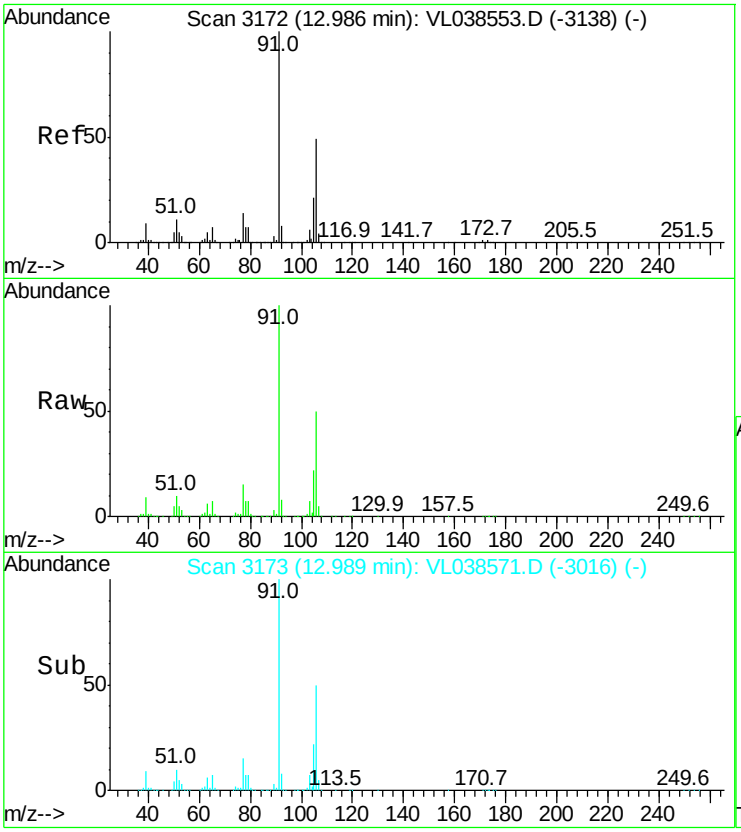


#58
Ethyl Benzene
Concen: 8.25 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 91 Resp: 3031087

Ion	Ratio	Lower	Upper
91	100		
106	33.5	24.6	37.0



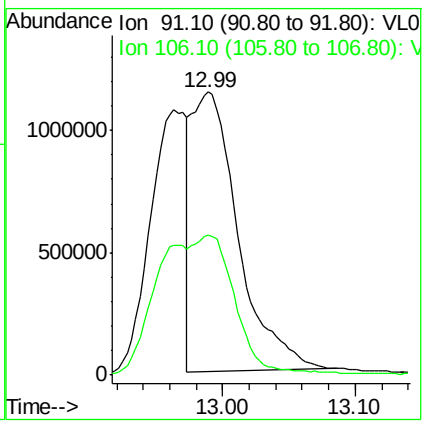


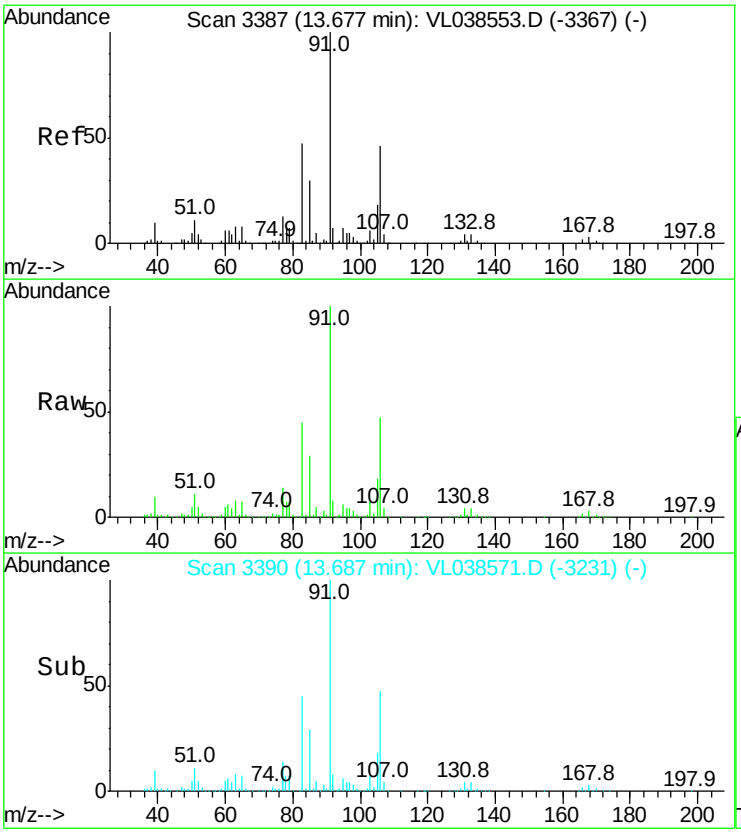
#59
m/p-Xylene
Concen: 8.80 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2767865

Ion	Ratio	Lower	Upper
91	100		
106	84.9	37.1	55.7#

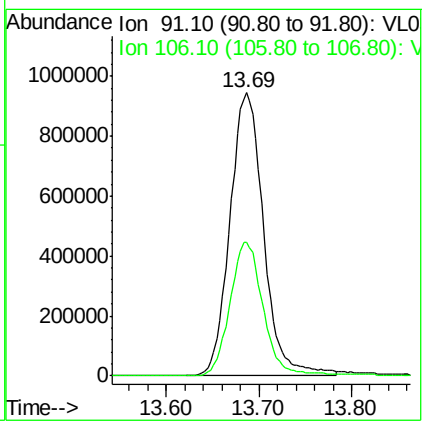


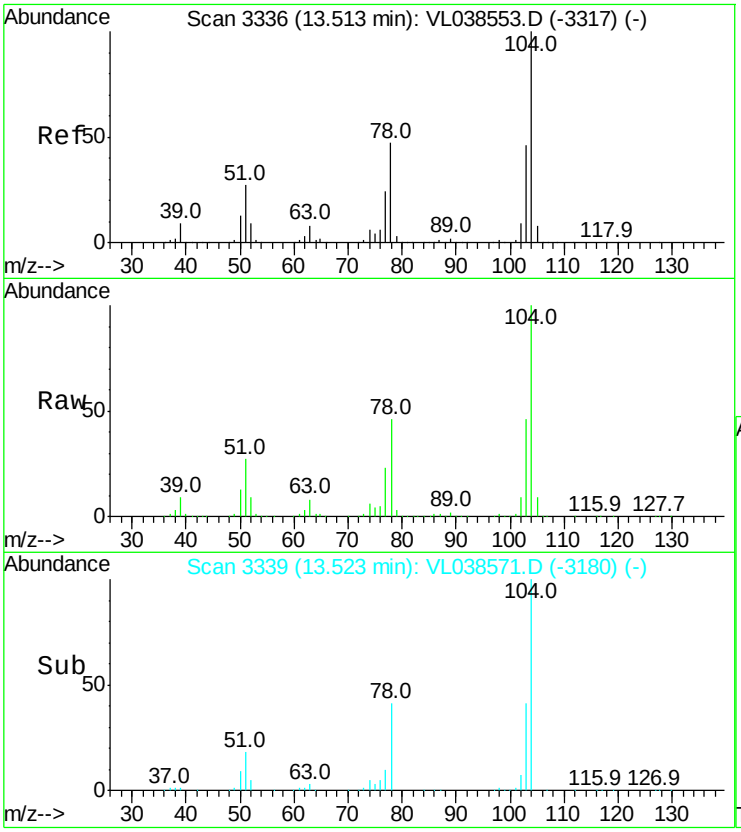


#60
o-Xylene
Concen: 8.00 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 91 Resp: 2373729

Ion	Ratio	Lower	Upper
91	100		
106	47.4	23.5	70.6



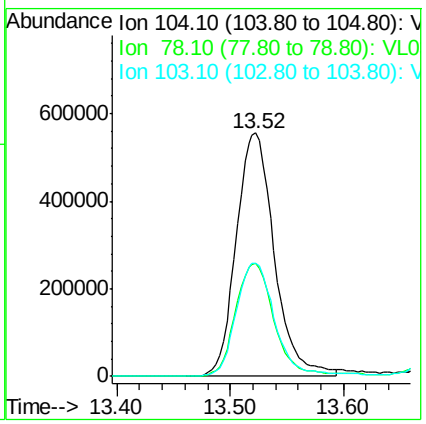


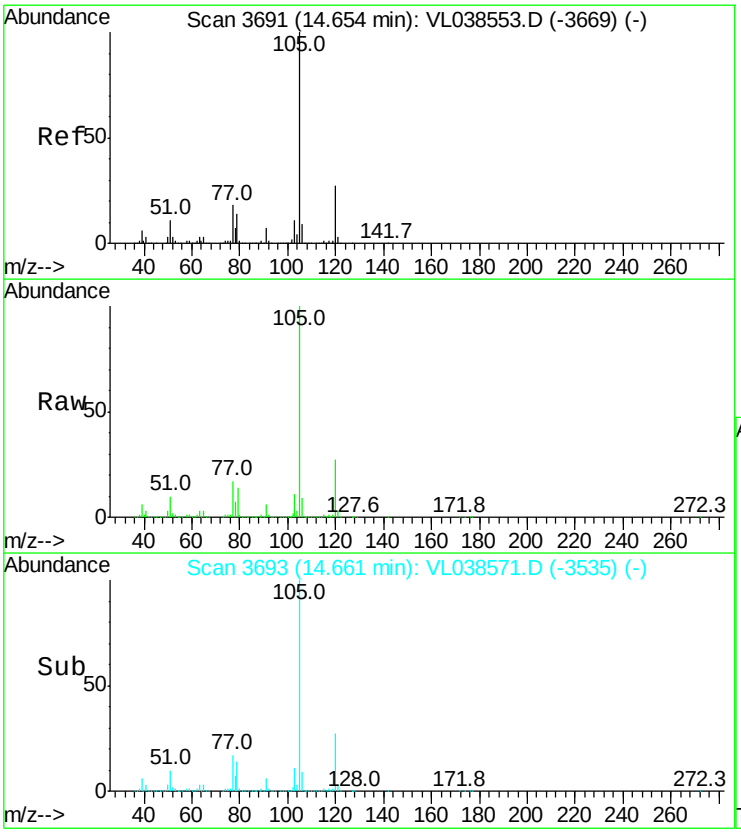
#61
Styrene
Concen: 8.90 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1302714

Ion	Ratio	Lower	Upper
104	100		
78	47.6	39.0	58.4
103	48.0	38.0	57.0

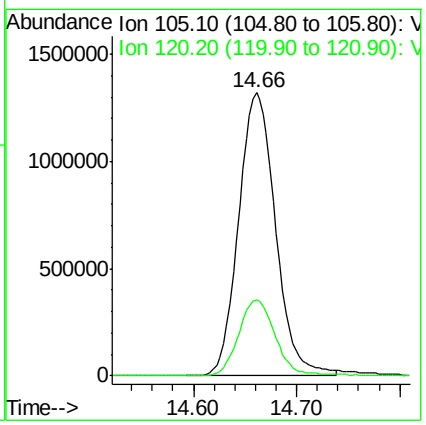


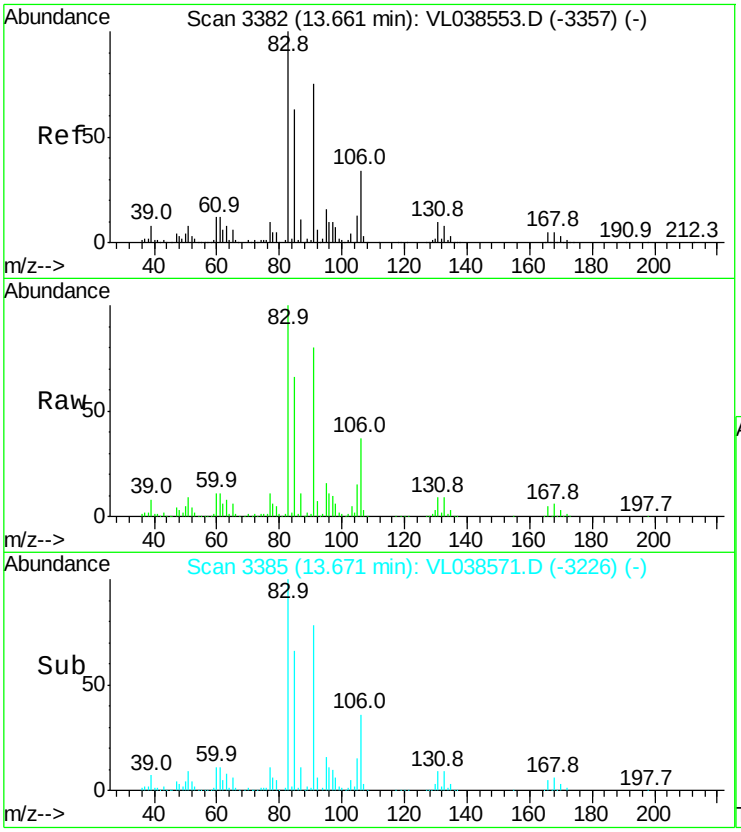


#62
Isopropylbenzene
Concen: 8.03 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:105 Resp: 3289055

Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.2	31.8



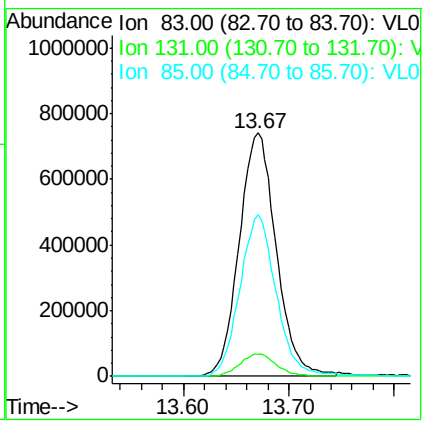


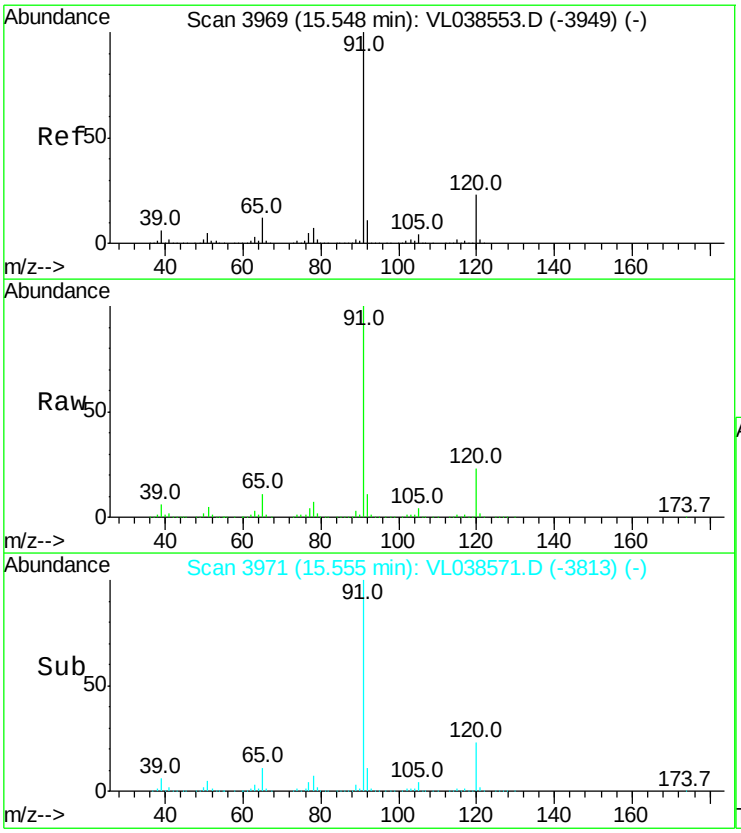
#63
1,1,2,2-Tetrachloroethane
Concen: 7.20 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1805349

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.7	14.1
85	66.0	32.6	98.0

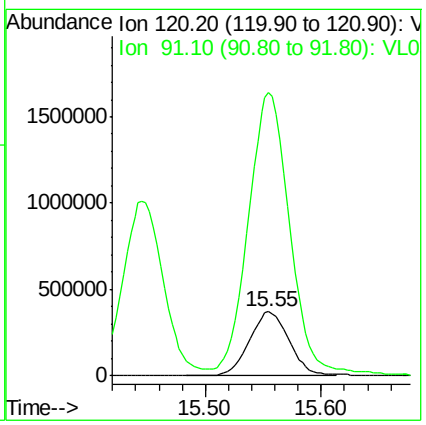


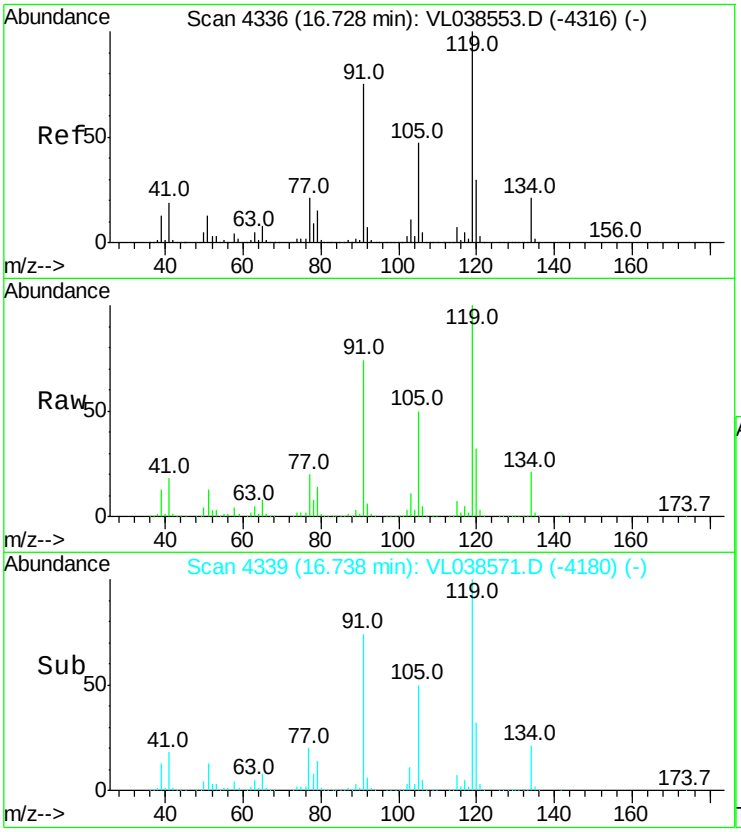


#64
n-propylbenzene
Concen: 8.48 ppbv
RT: 15.55 min Scan# 3971
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:120 Resp: 885417

Ion	Ratio	Lower	Upper
120	100		
91	463.6	374.2	561.2



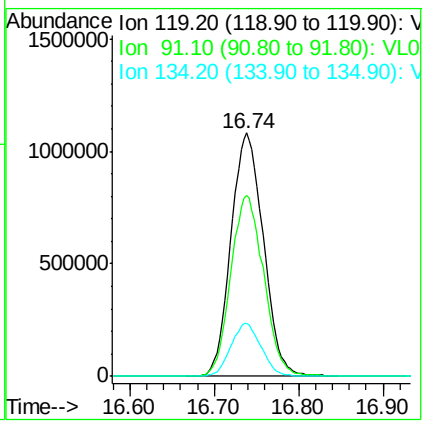


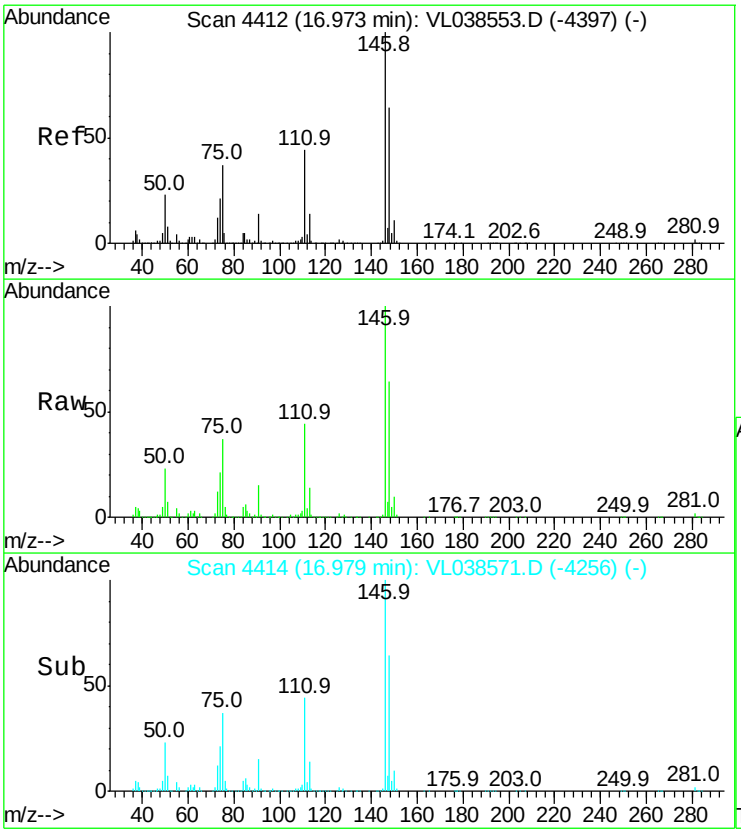
#65
tert-Butylbenzene
Concen: 7.90 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 2895657

Ion	Ratio	Lower	Upper
119	100		
91	75.4	61.2	91.8
134	20.4	16.2	24.2

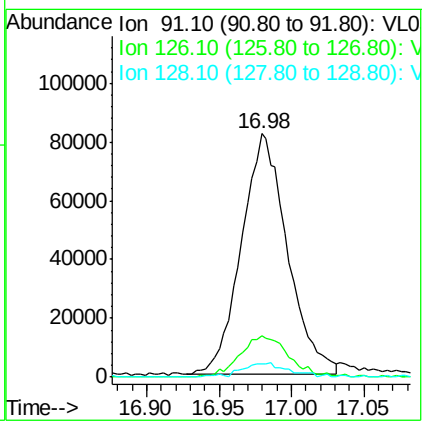


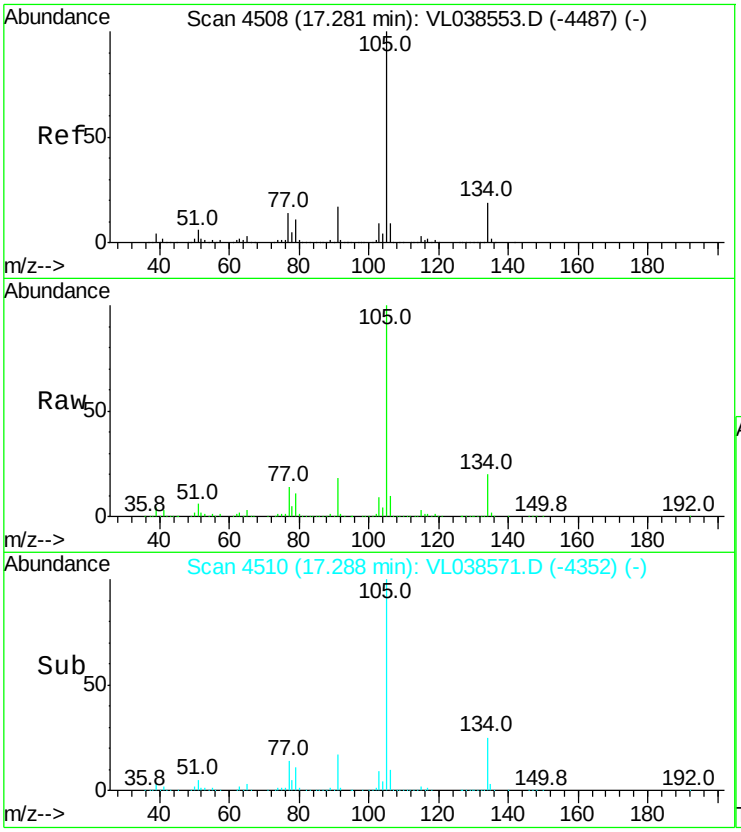


#66
Benzyl Chloride
Concen: 8.31 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 91 Resp: 180479

Ion	Ratio	Lower	Upper
91	100		
126	18.6	14.1	21.1
128	6.2	5.1	7.7



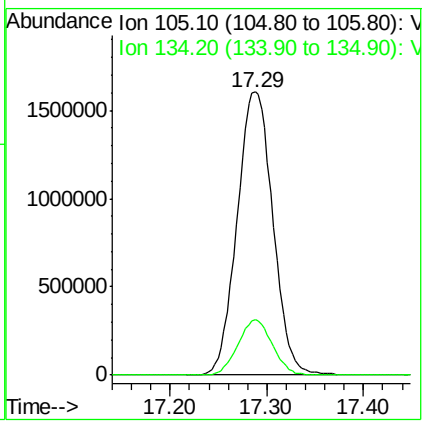


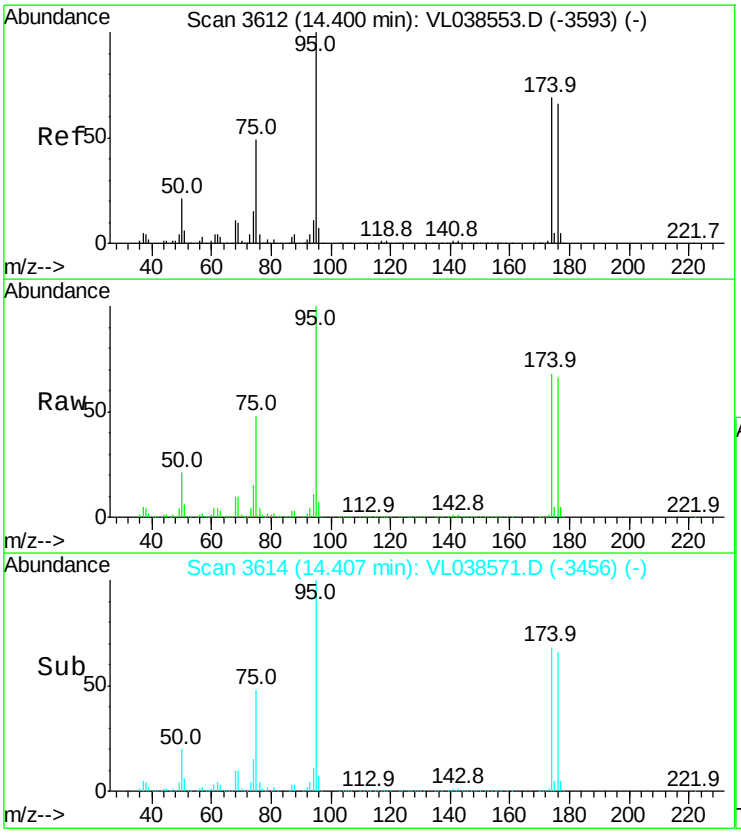
#67
sec-Butylbenzene
Concen: 7.91 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 4117700

Ion	Ratio	Lower	Upper
105	100		
134	18.9	15.0	22.6

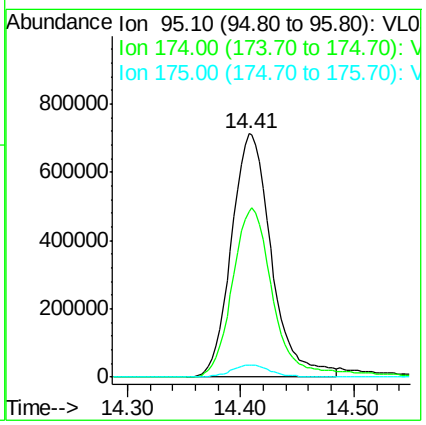


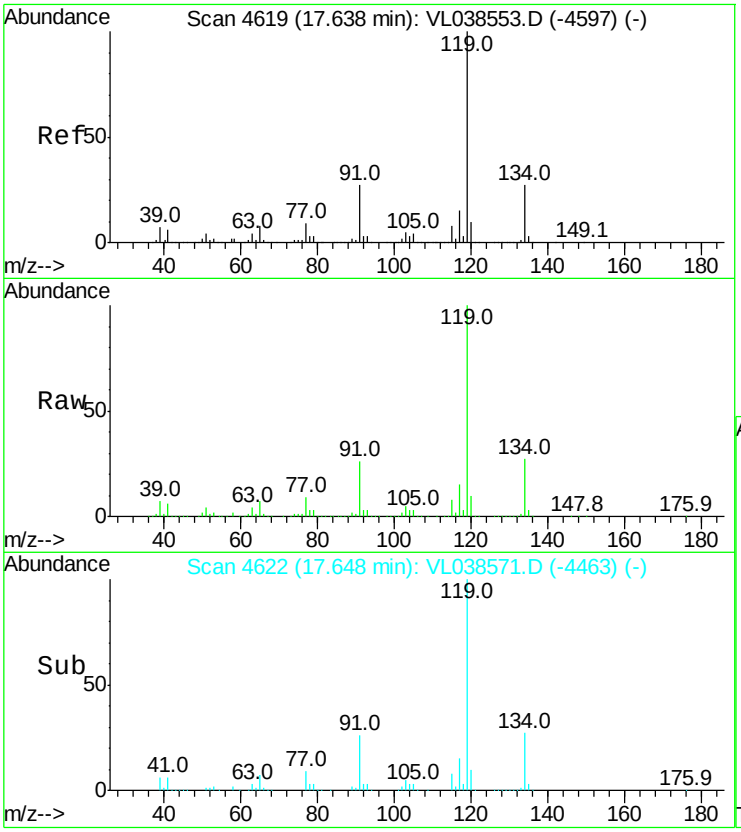


#68
1-Bromo-4-Fluorobenzene
Concen: 8.11 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 95 Resp: 1749474

Ion	Ratio	Lower	Upper
95	100		
174	72.5	56.2	84.4
175	5.3	4.2	6.2



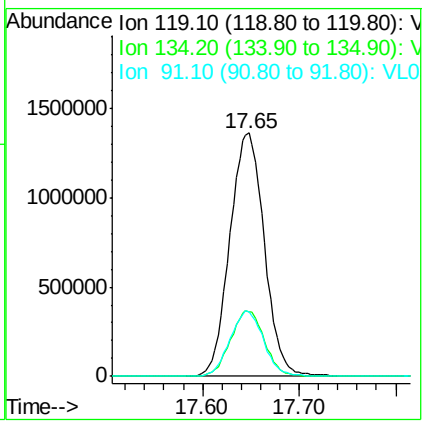


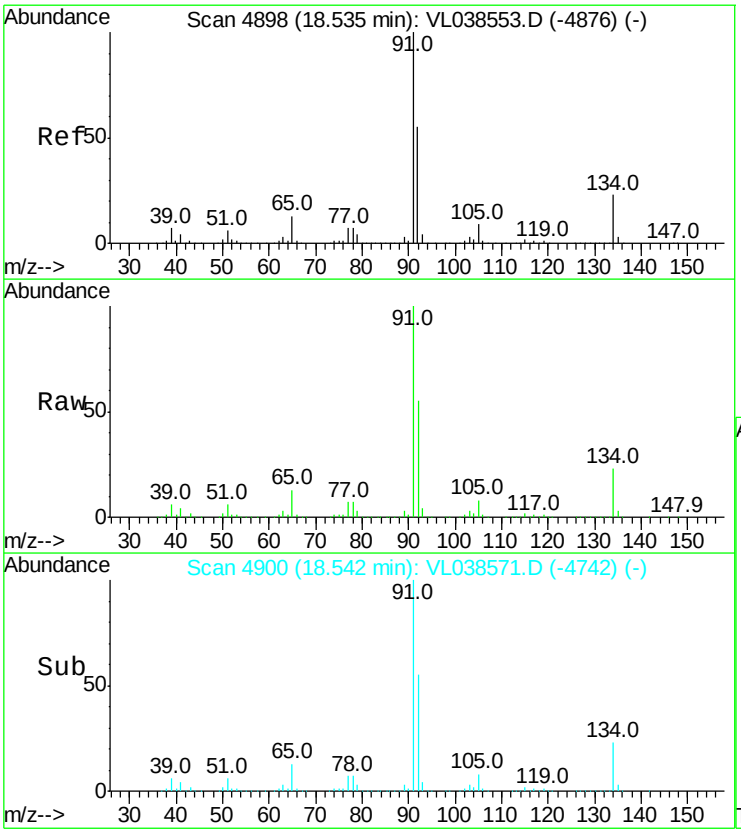
#69
p-Isopropyltoluene
Concen: 7.81 ppbv
RT: 17.65
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3370306

Ion	Ratio	Lower	Upper
119	100		
134	26.6	20.9	31.3
91	26.1	21.1	31.7

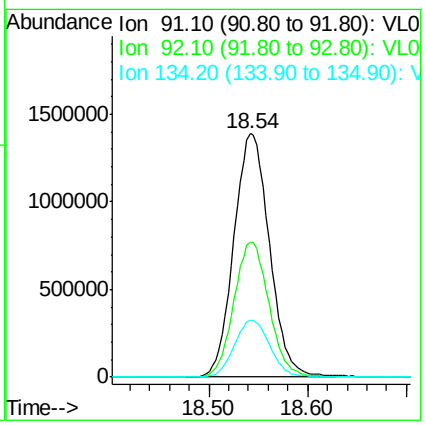


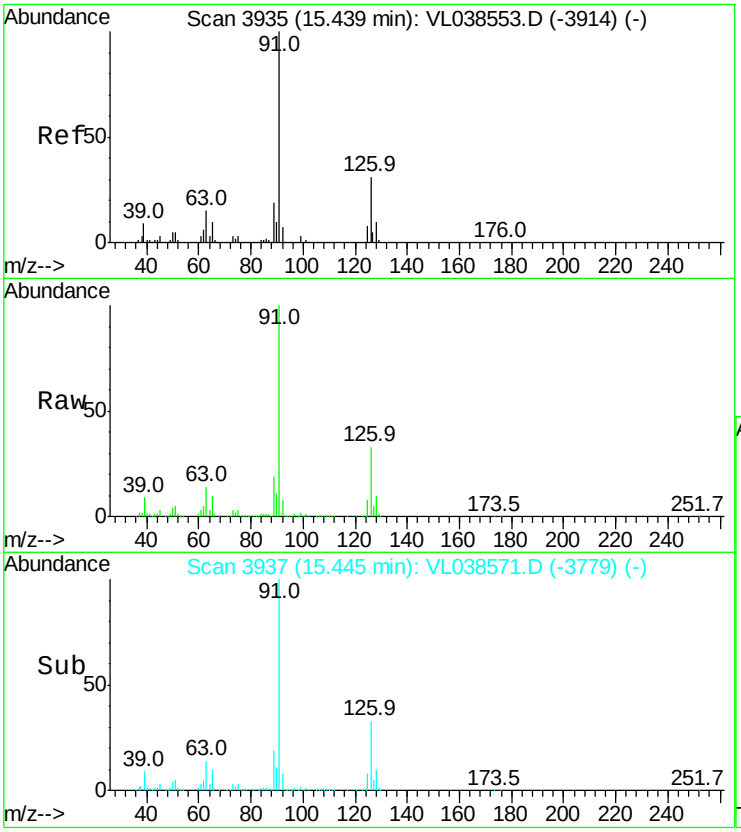


#70
n-Butylbenzene
Concen: 7.56 ppbv
RT: 18.54 min Scan# 4900
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion: 91 Resp: 3473120

Ion	Ratio	Lower	Upper
91	100		
92	55.0	43.8	65.8
134	23.6	18.7	28.1



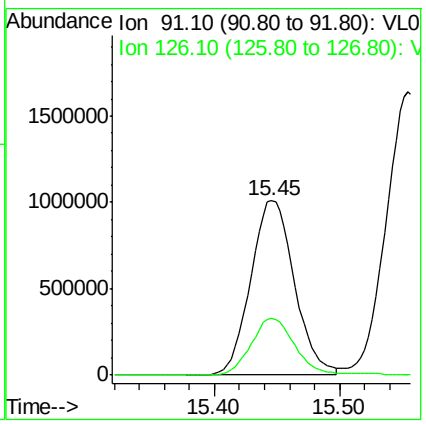


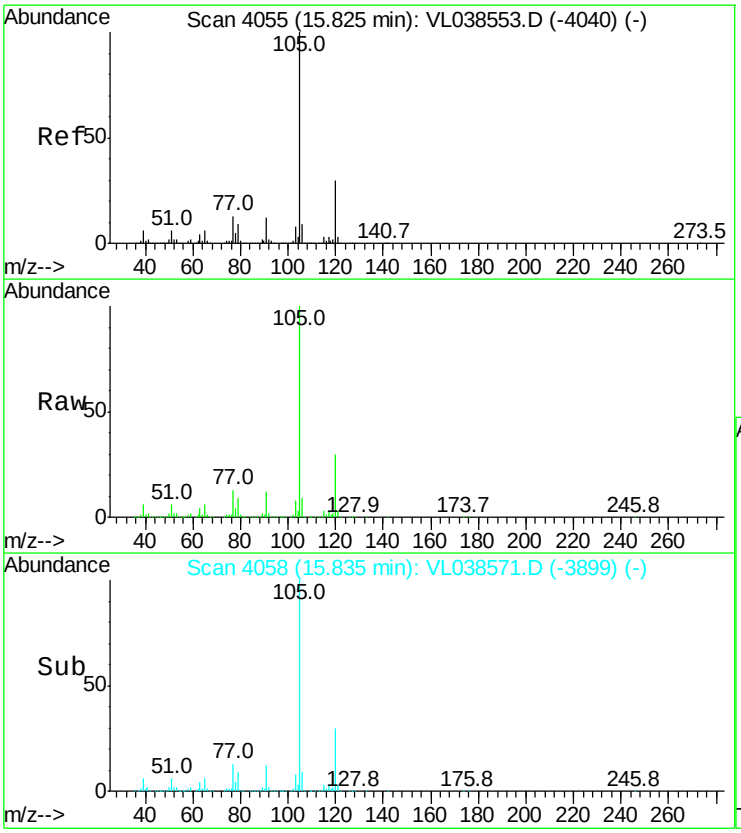
#71
2-Chlorotoluene
Concen: 8.06 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2451080

Ion	Ratio	Lower	Upper
91	100		
126	33.3	12.9	51.7

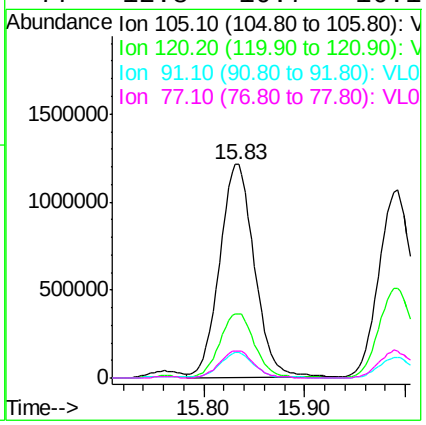


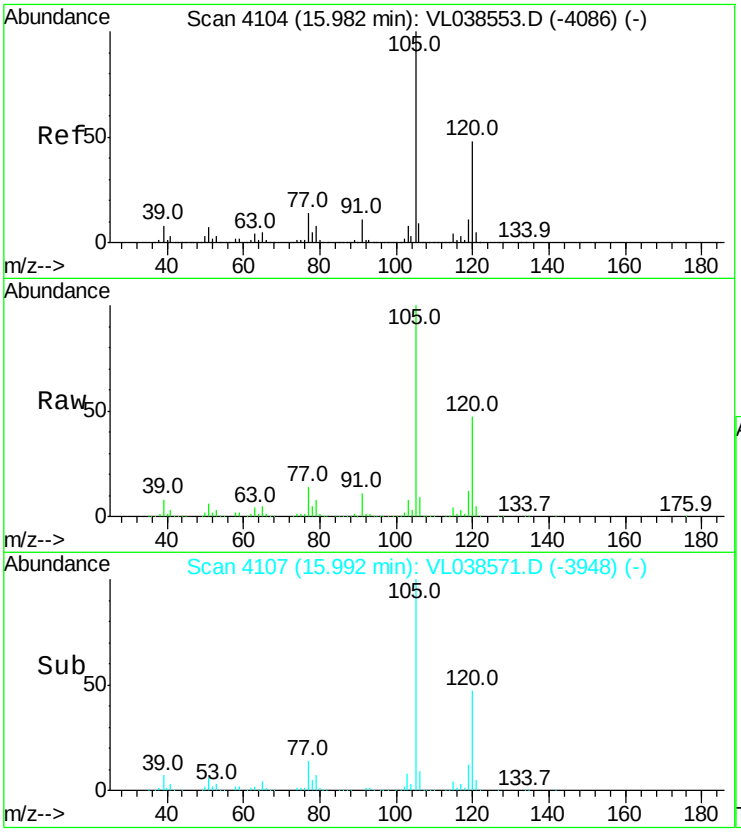


#72
4-Ethyltoluene
Concen: 8.53 ppbv
RT: 15.83 min Scan# 4058
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:105 Resp: 2909480

Ion	Ratio	Lower	Upper
105	100		
120	30.9	25.0	37.4
91	11.5	9.8	14.6
77	12.8	10.7	16.1



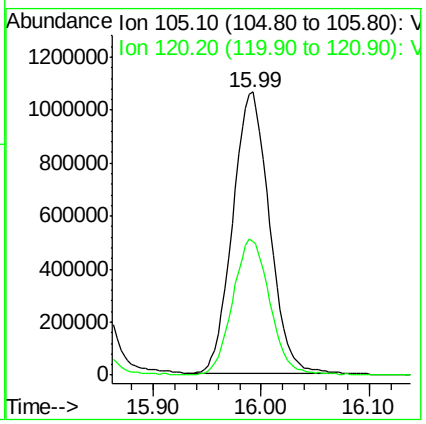


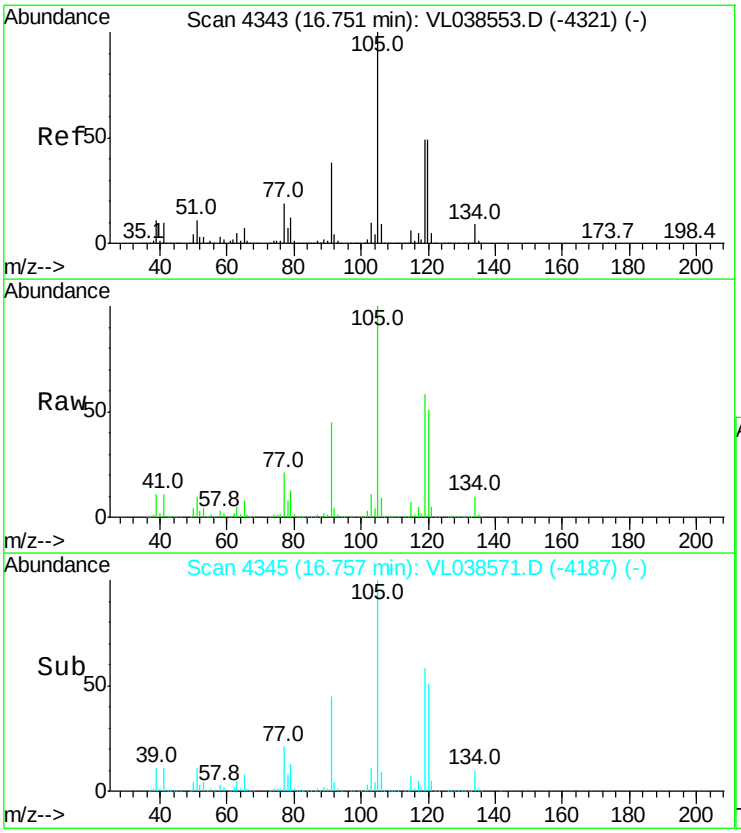
#73
1,3,5-Trimethylbenzene
Concen: 7.95 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2516773

Ion	Ratio	Lower	Upper
105	100		
120	47.5	38.3	57.5

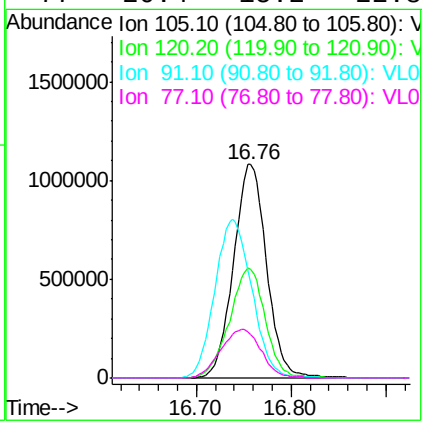


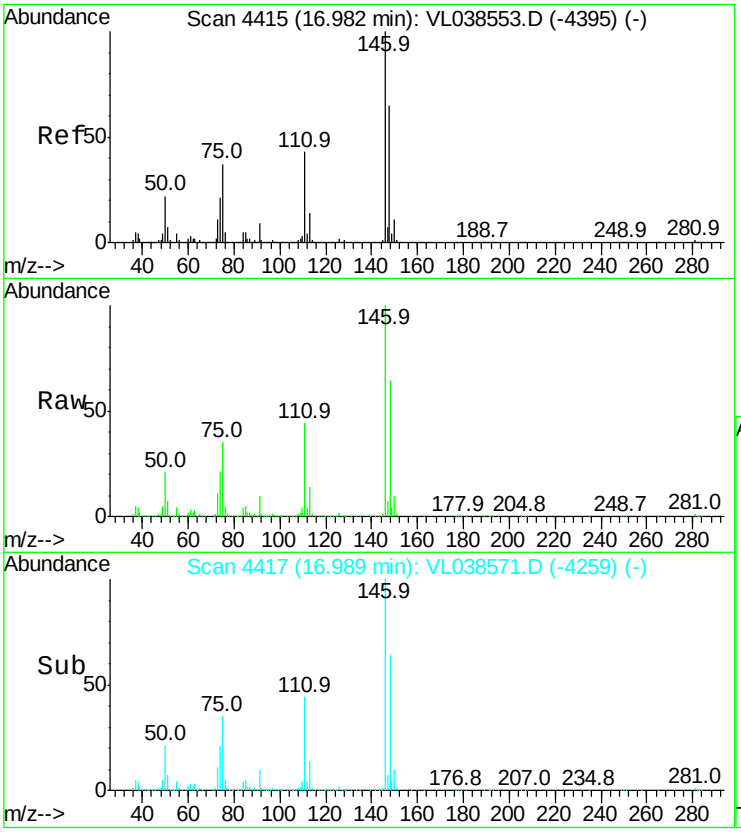


#74
1,2,4-Trimethylbenzene
Concen: 7.76 ppbv
RT: 16.76 min Scan# 4345
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:105 Resp: 2624095

Ion	Ratio	Lower	Upper
105	100		
120	50.8	38.9	58.3
91	44.7	30.6	46.0
77	20.4	15.2	22.8



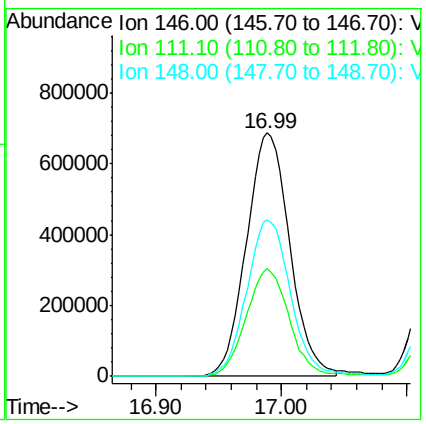


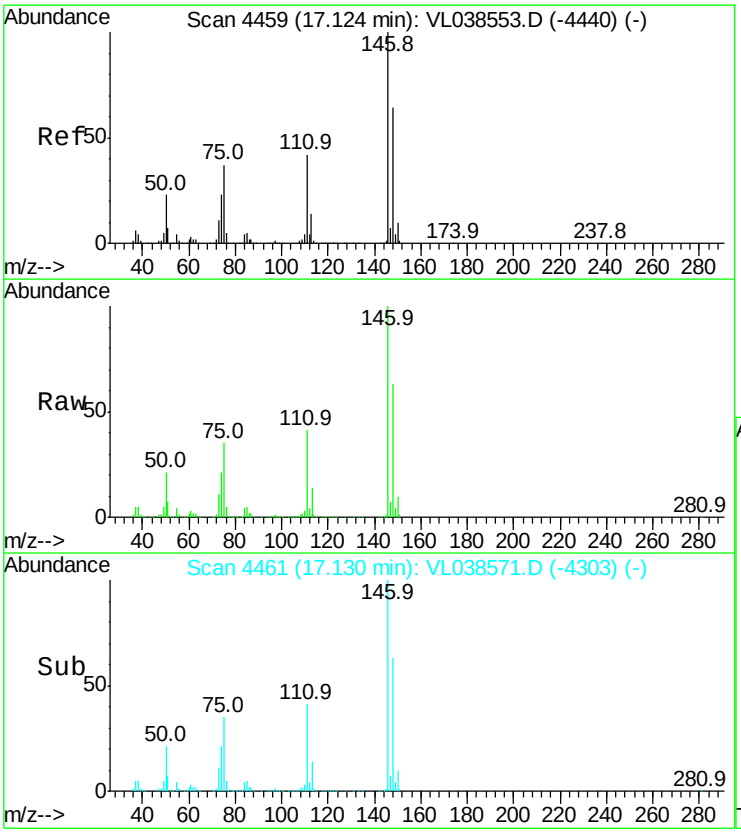
#75
1,3-Dichlorobenzene
Concen: 7.75 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1653907

Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.9	65.8
148	65.2	32.2	96.6

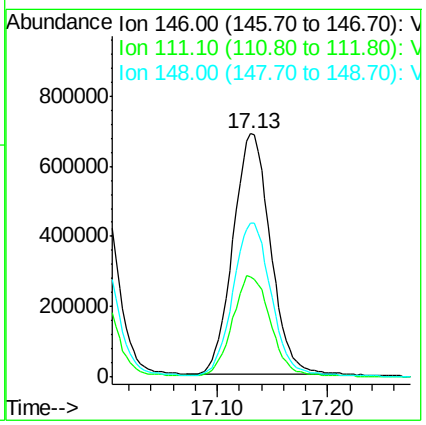


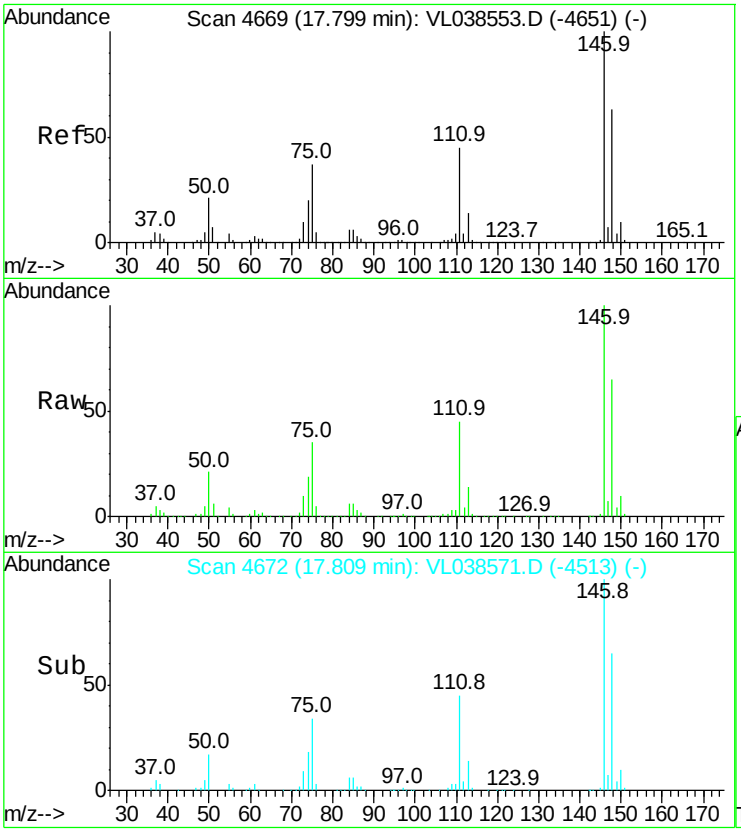


#76
1,4-Dichlorobenzene
Concen: 7.67 ppbv
RT: 17.13 min Scan# 4461
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:146 Resp: 1620009

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.8	65.3
148	66.1	32.8	98.4



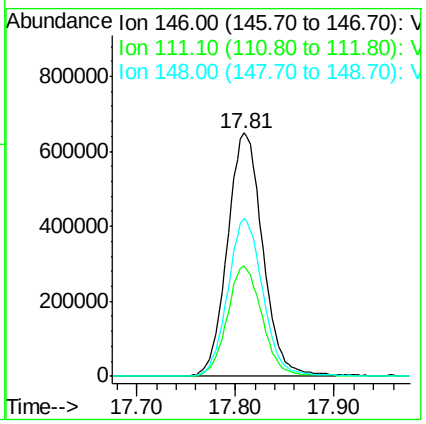


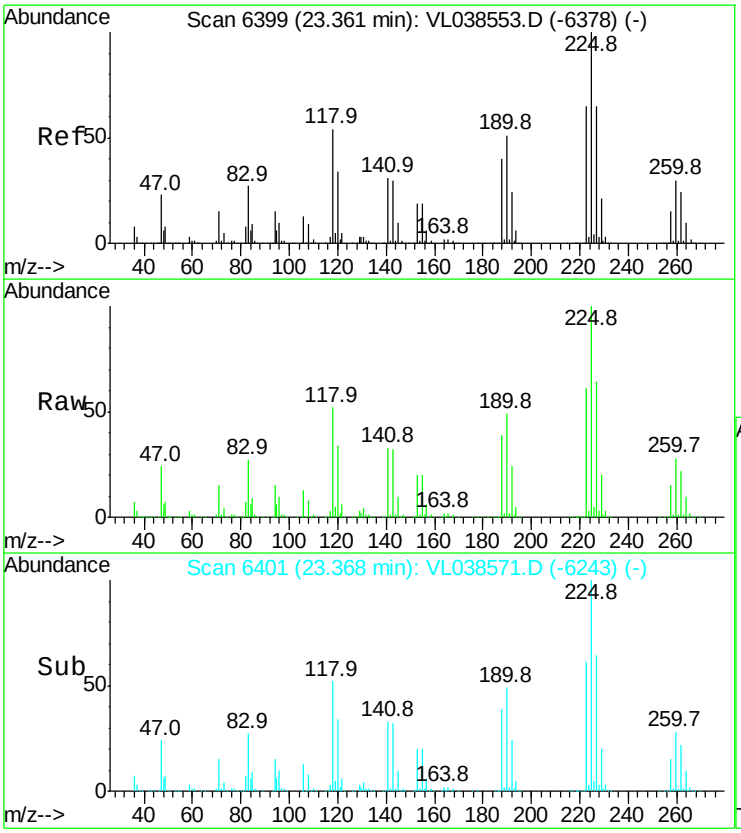
#77
1,2-Dichlorobenzene
Concen: 7.45 ppbv
RT: 17.81
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1608153

Ion	Ratio	Lower	Upper
146	100		
111	45.1	23.2	69.5
148	64.5	32.6	98.0

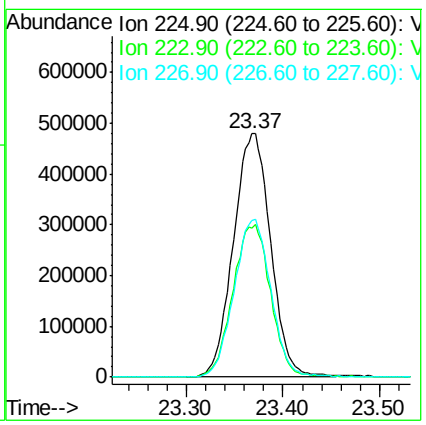


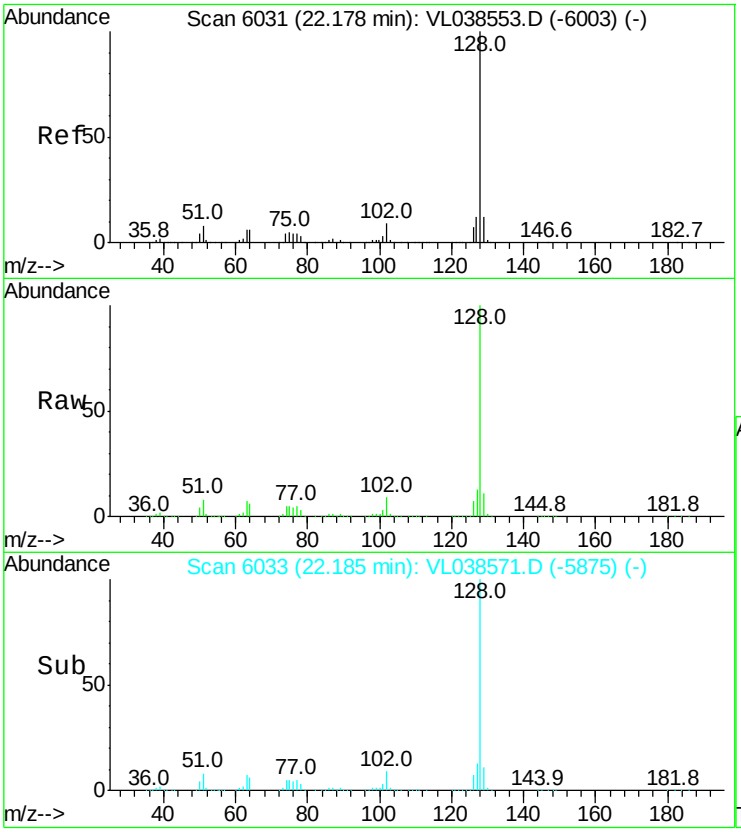


#78
Hexachloro-1,3-Butadiene
Concen: 6.09 ppbv
RT: 23.37 min Scan# 6401
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:225 Resp: 1282960

Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.4	77.0
227	64.2	51.9	77.9



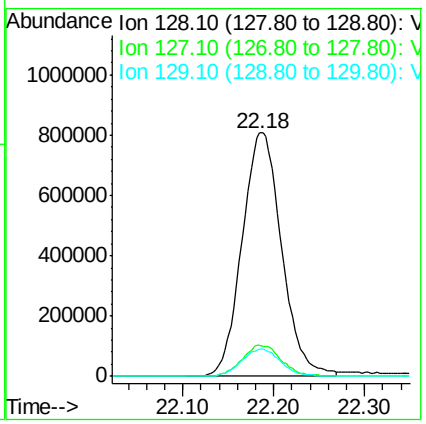


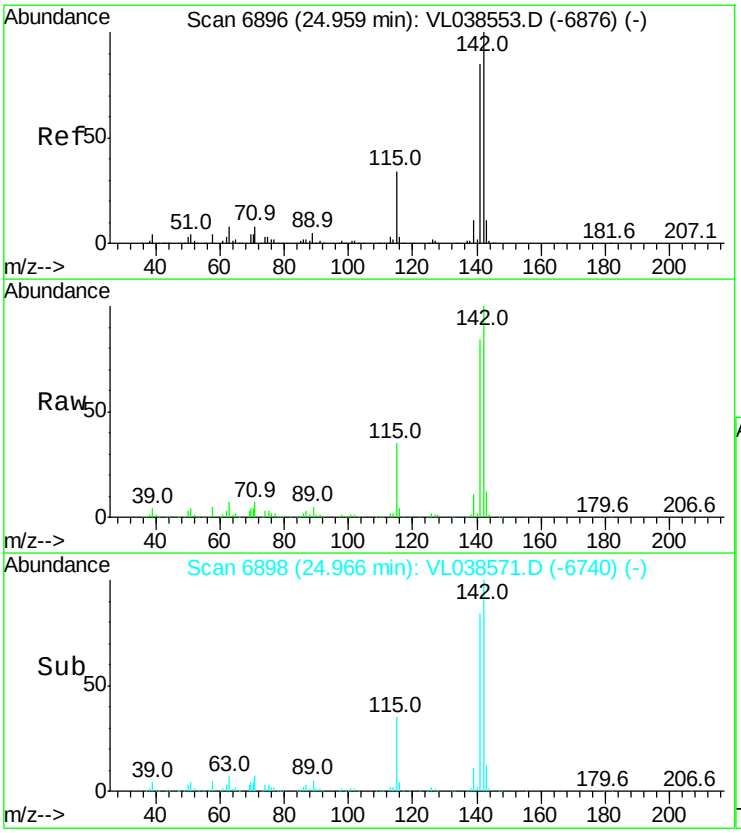
#79
Naphthalene
Concen: 8.01 ppbv
RT: 22.18
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 2437625

Ion	Ratio	Lower	Upper
128	100		
127	12.7	9.9	14.9
129	11.4	9.3	13.9

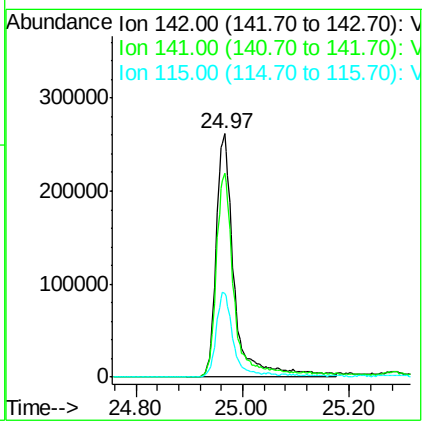


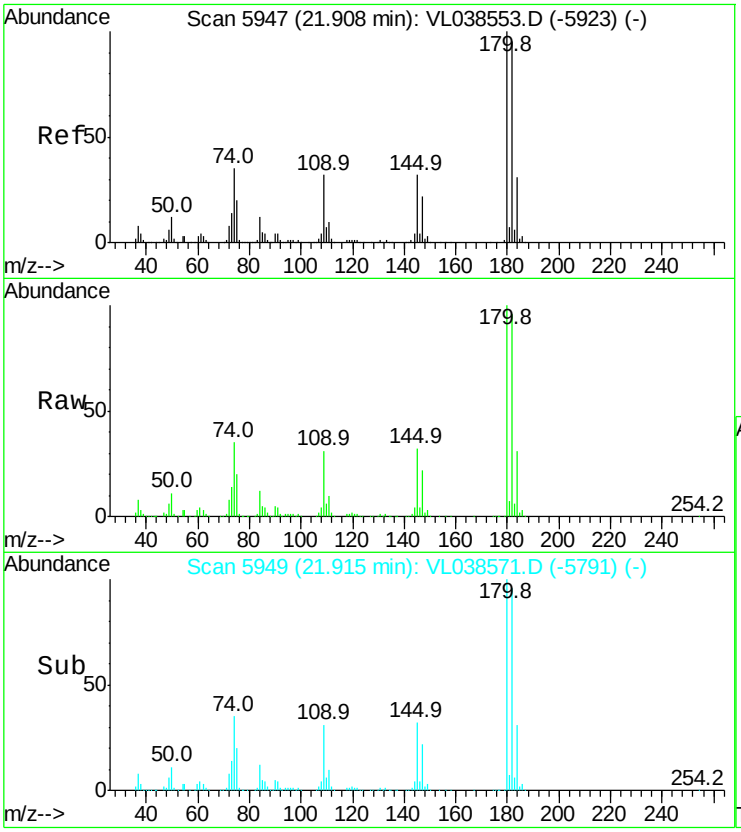


#80
Naphthalene,2-methyl-
Concen: 11.57 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.01 min
Lab File: VL038571.D
Acq: 9 Mar 2022 10:23

Tgt Ion:142 Resp: 621412

Ion	Ratio	Lower	Upper
142	100		
141	82.0	68.4	102.6
115	33.0	27.9	41.9





#81
1,2,4-Trichlorobenzene
Concen: 7.00 ppbv
RT: 21.91
Delta R.T
Lab File:
Acq: 9 Mar 2022 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1360606

Ion	Ratio	Lower	Upper
180	100		
182	97.7	79.1	118.7
184	31.8	25.0	37.6