Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039395.D
Acq On : 29 Jun 2022 12:27
Operator : SY/AP
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Quant Time: Jun 29 15:32:33 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 29 15:33:53 2022
QLast Update : Wed Jun 29 15:33:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	1320623	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	3715027	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.06	117	3537494	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	2537765	8.68	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 86.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	364705	1.57	ppbv		99
3) Chlorodifluoromethane	2.98	51	353637	2.10	ppbv		99
4) Chloromethane	3.13	50	199993	2.32	ppbv		99
5) Vinyl Chloride	3.25	62	185698	2.30	ppbv		94
6) Bromomethane	3.46	94	78489	1.98	ppbv		91
7) Chloroethane	3.55	64	65054	2.31	ppbv		99
8) Dichlorotetrafluoroethane	3.18	85	453293	2.14	ppbv		96
9) Propene	3.00	41	165962	2.27	ppbv		100
10) Heptane	8.10	43	377861	2.21	ppbv		97
11) Trichlorofluoromethane	3.94	101	449419	2.14	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.47	101	329189	2.37	ppbv		98
13) Ethanol	3.59	45	2373	0.59	ppbv	#	23
14) Bromoethene	3.73	108	139935	2.24	ppbv		98
15) Acetone	3.84	43	338385	2.46	ppbv		98
16) 1,3-Butadiene	3.32	39	176242	2.38	ppbv		98
17) tert-Butyl alcohol	4.27	59	126360	1.18	ppbv	#	71
18) 1,1-Dichloroethene	4.28	96	146165	2.35	ppbv		97
19) Isopropyl Alcohol	3.96	45	123515	1.91	ppbv	#	95
20) Methylene Chloride	4.33	84	123797	2.14	ppbv		96
21) Allyl Chloride	4.40	41	230773	2.49	ppbv		96
22) trans-1,2-Dichloroethene	4.87	96	139665	2.33	ppbv		97
23) Vinyl Acetate	5.06	43	166873	1.47	ppbv	#	97
24) 1,1-Dichloroethane	5.00	63	295162	1.89	ppbv		100
25) Ethyl Acetate	5.66	43	716409	2.31	ppbv		99
26) Hexane	5.67	57	301989	2.22	ppbv		98
27) Carbon Disulfide	4.54	76	325883	2.31	ppbv	#	93
28) Methyl tert-Butyl Ether	5.02	73	268505	1.79	ppbv		100
29) Chloroform	5.74	83	479759	2.09	ppbv		94
30) Cyclohexane	7.11	84	250047	2.18	ppbv	#	82
31) cis-1,2-Dichloroethene	5.53	61	288743	2.08	ppbv		95
32) 1,1,1-Trichloroethane	6.49	97	461591	2.06	ppbv		98
34) 2-Butanone	5.23	43	399215	1.98	ppbv		99
35) Carbon Tetrachloride	7.00	117	473916	1.75	ppbv		99
36) Benzene	6.87	78	621547	2.06	ppbv		97
37) 1,2-Dichloroethane	6.29	62	341511	1.72	ppbv		98
38) Trichloroethene	7.81	130	319097	2.30	ppbv		96
39) 1,2-Dichloropropane	7.59	63	226185	1.89	ppbv		99
40) 1,4-Dioxane	7.82	88	85798	2.17	ppbv		74
41) Tetrahydrofuran	6.04	42	230183	1.90	ppbv		100
42) Bromodichloromethane	7.77	83	479692	1.74	ppbv		98
43) Methyl Methacrylate	8.00	69	229952	1.96	ppbv		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039395.D
Acq On : 29 Jun 2022 12:27
Operator : SY/AP
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Quant Time: Jun 29 15:32:33 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 29 15:33:53 2022
QLast Update : Wed Jun 29 15:33:53 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	1054789	2.00	ppbv		100
45) t-1,3-Dichloropropene	9.26	75	185452	1.52	ppbv		93
46) cis-1,3-Dichloropropene	8.68	75	276152	1.71	ppbv		97
47) 1,1,2-Trichloroethane	9.45	97	144301	1.15	ppbv		92
48) Dibromochloromethane	10.28	129	405359	1.81	ppbv		99
49) Bromoform	13.01	173	323673	1.74	ppbv		100
50) 4-Methyl-2-Pentanone	8.73	43	617699	2.04	ppbv		98
51) 2-Hexanone	10.11	43	450440	1.92	ppbv		100
52) Tetrachloroethene	11.20	164	235016	2.00	ppbv		95
53) Toluene	9.78	91	714532	2.06	ppbv		99
54) 1,2-Dibromoethane	10.59	107	315720	1.88	ppbv		93
56) 1,1,1,2-Tetrachloroethane	12.10	131	326051	1.95	ppbv	#	1
57) Chlorobenzene	12.12	112	575491	2.16	ppbv		98
58) Ethyl Benzene	12.68	91	982160	2.02	ppbv		96
59) m/p-Xylene	12.97	91	895707	2.09	ppbv	#	40
60) o-Xylene	13.67	91	813320	2.02	ppbv		100
61) Styrene	13.50	104	438580	2.03	ppbv		99
62) Isopropylbenzene	14.64	105	1255465	2.09	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.65	83	395955	1.75	ppbv		99
64) n-propylbenzene	15.54	120	312779	2.12	ppbv		89
65) tert-Butylbenzene	16.72	119	1163860	2.12	ppbv		98
66) Benzyl Chloride	16.96	91	81486	1.14	ppbv	#	93
67) sec-Butylbenzene	17.27	105	1600588	2.14	ppbv		99
69) p-Isopropyltoluene	17.63	119	1346946	2.14	ppbv		99
70) n-Butylbenzene	18.53	91	1305235	2.02	ppbv		99
71) 2-Chlorotoluene	15.43	91	896405	1.96	ppbv		99
72) 4-Ethyltoluene	15.81	105	990189	2.10	ppbv		98
73) 1,3,5-Trimethylbenzene	15.97	105	903062	2.12	ppbv		92
74) 1,2,4-Trimethylbenzene	16.74	105	1003488	2.11	ppbv		96
75) 1,3-Dichlorobenzene	16.97	146	584252	2.17	ppbv		99
76) 1,4-Dichlorobenzene	17.11	146	542516	2.02	ppbv		98
77) 1,2-Dichlorobenzene	17.79	146	558776	2.06	ppbv		98
78) Hexachloro-1,3-Butadiene	23.35	225	470908	1.90	ppbv		98
79) Naphthalene	22.16	128	312180	0.85	ppbv		97
80) Naphthalene,2-methyl-	24.95	142	249495	1.83	ppbv		95
81) 1,2,4-Trichlorobenzene	21.90	180	435683	1.88	ppbv		97

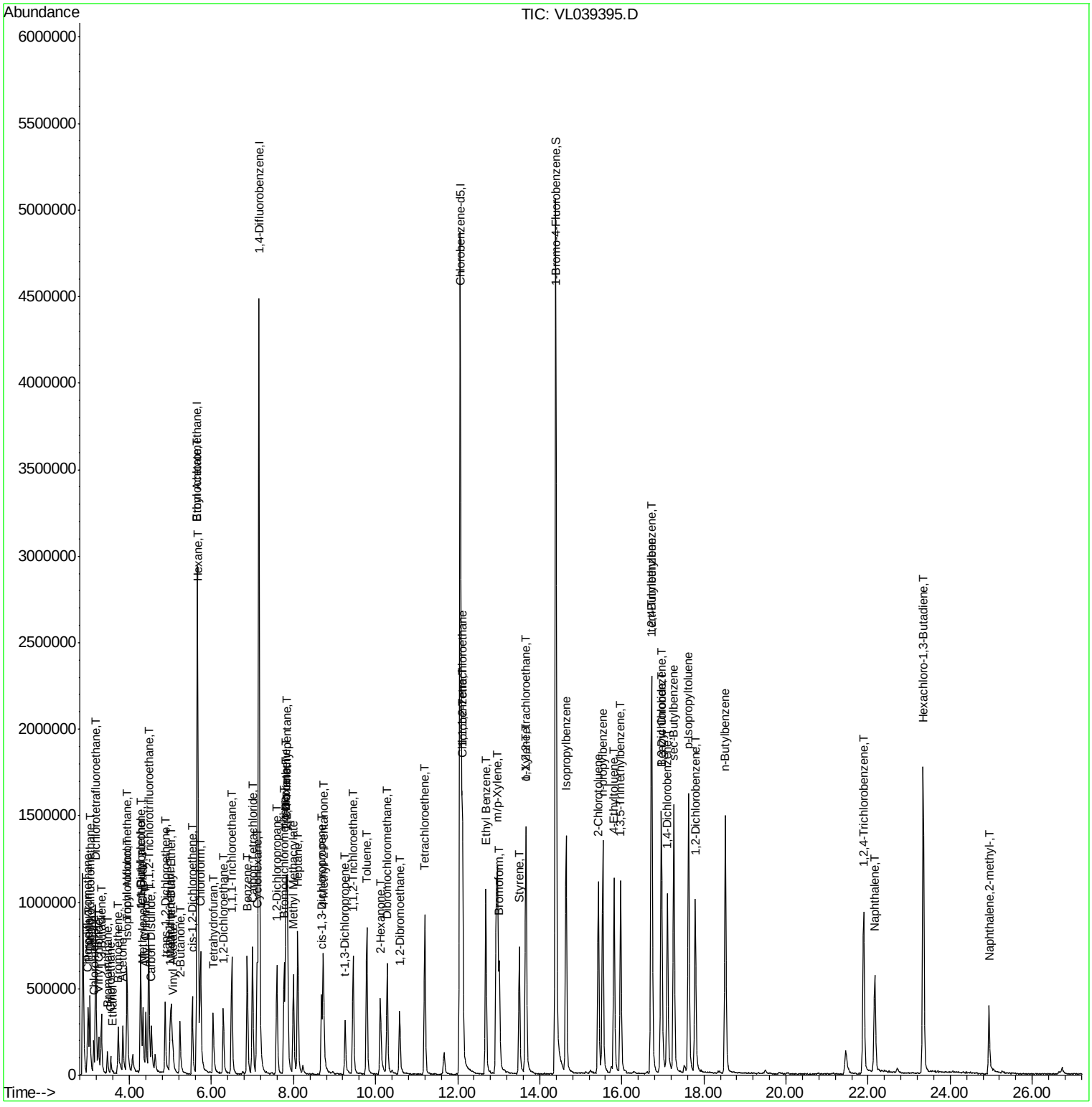
(#) = qualifier out of range (m) = manual integration (+) = signals summed

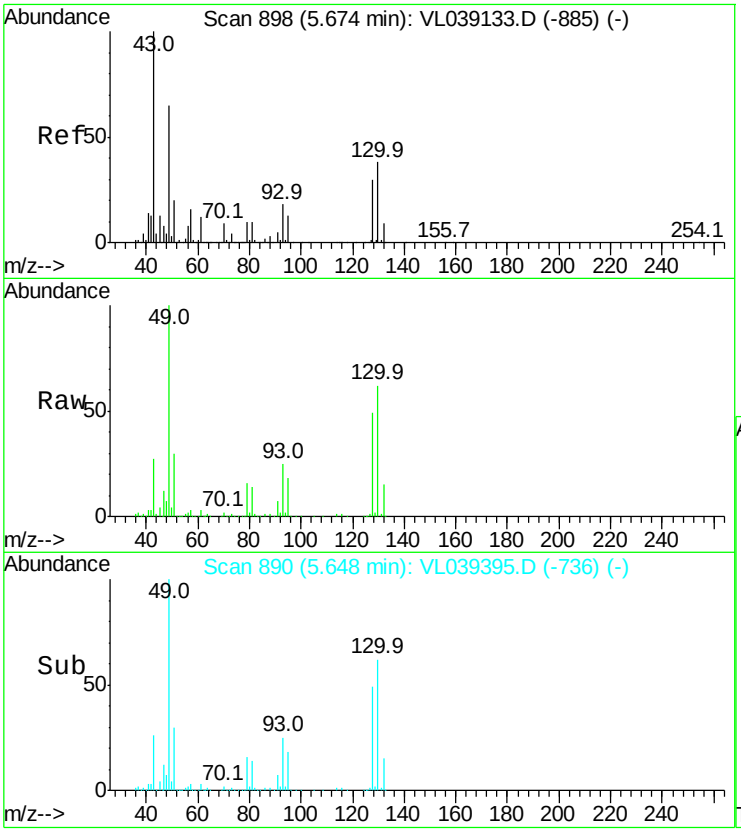
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039395.D
Acq On : 29 Jun 2022 12:27
Operator : SY/AP
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Quant Time: Jun 29 15:32:33 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 29 15:33:53 2022
QLast Update : Wed Jun 29 15:33:53 2022
Response via : Initial Calibration



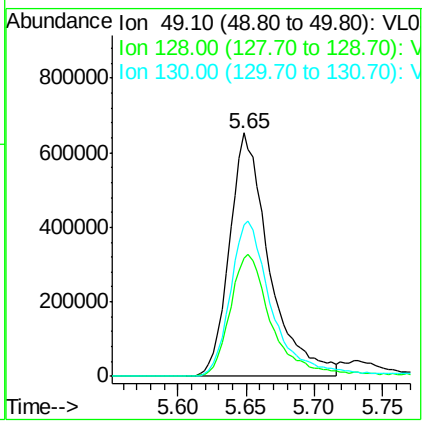


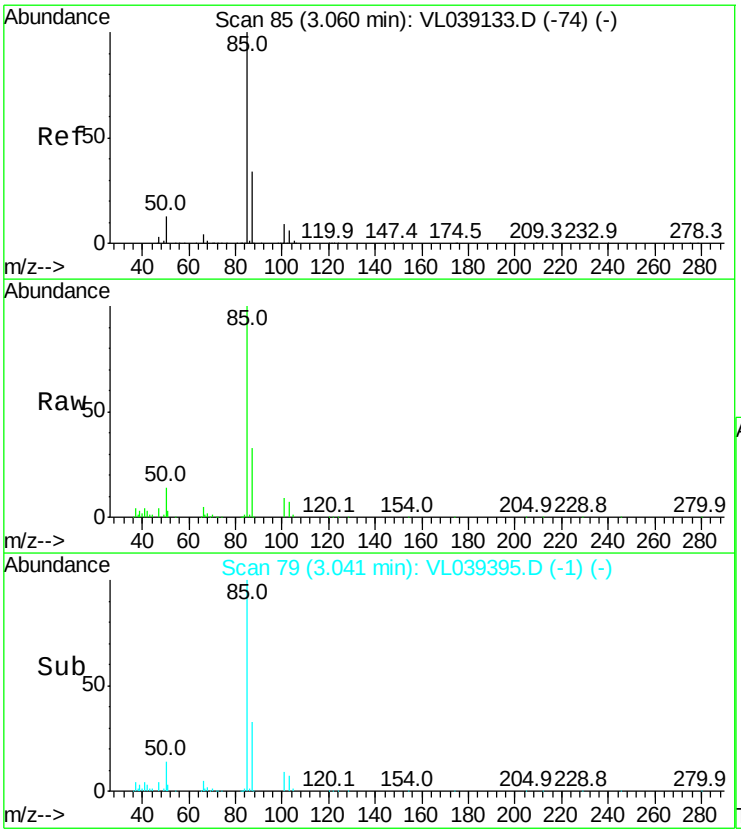
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1320623

Ion	Ratio	Lower	Upper
49	100		
128	53.8	26.7	80.0
130	68.1	34.3	102.8

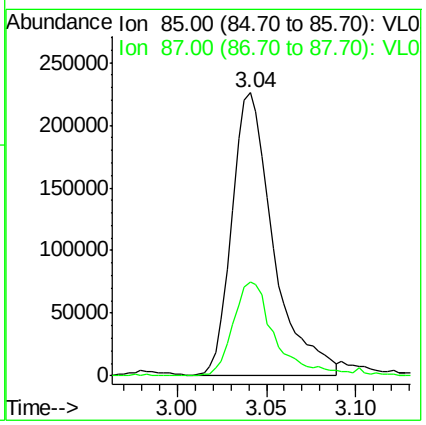


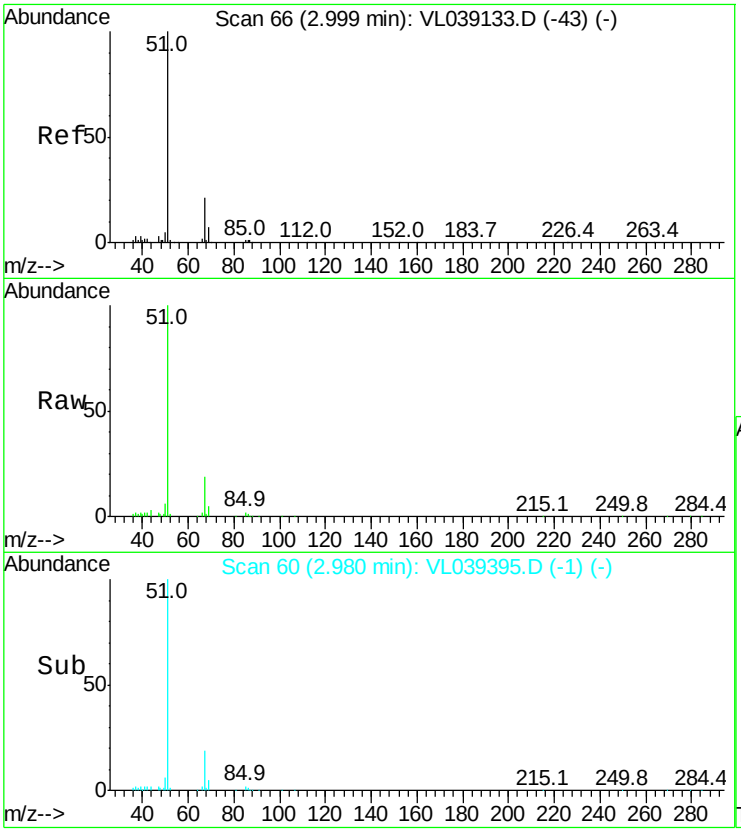


#2
Dichlorodifluoromethane
Concen: 1.57 ppbv
RT: 3.04 min Scan# 79
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 85 Resp: 364705

Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.7	40.1



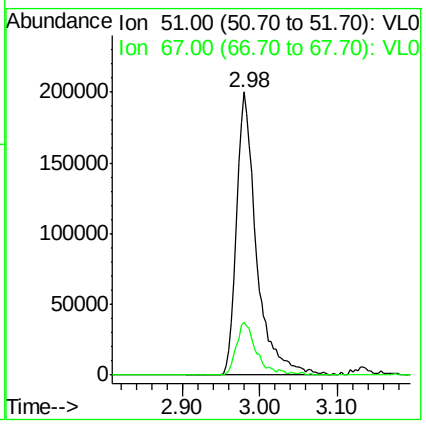


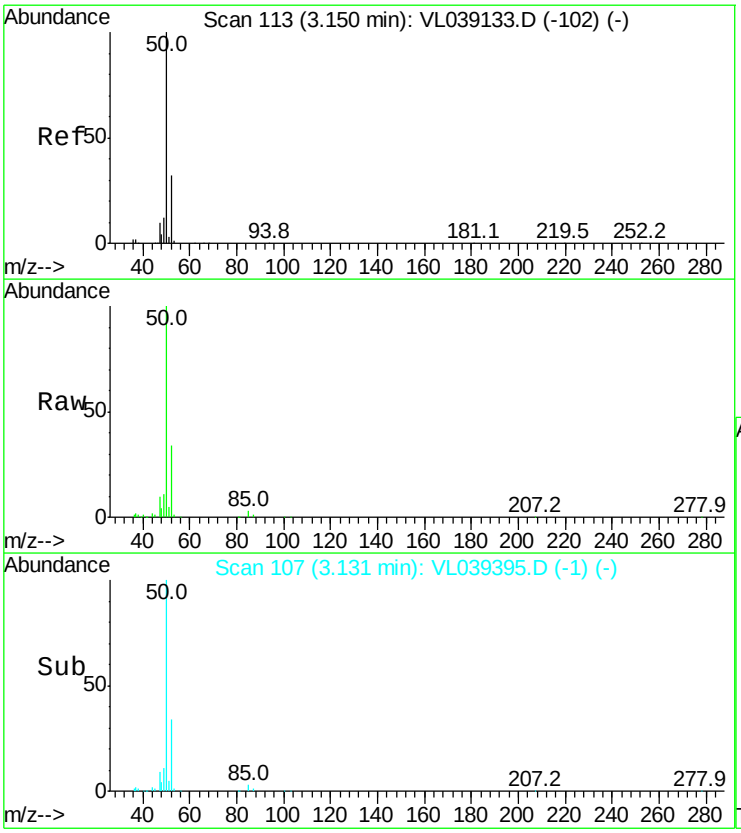
#3
Chlorodifluoromethane
Concen: 2.10 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 353637

Ion	Ratio	Lower	Upper
51	100		
67	19.2	15.7	23.5

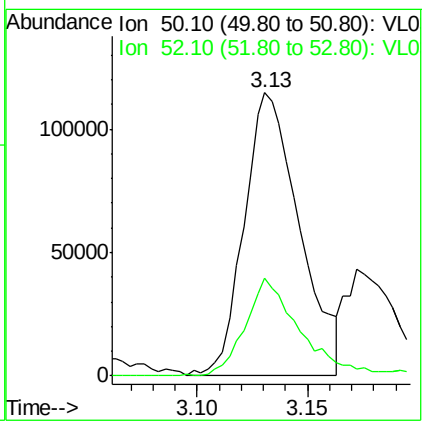


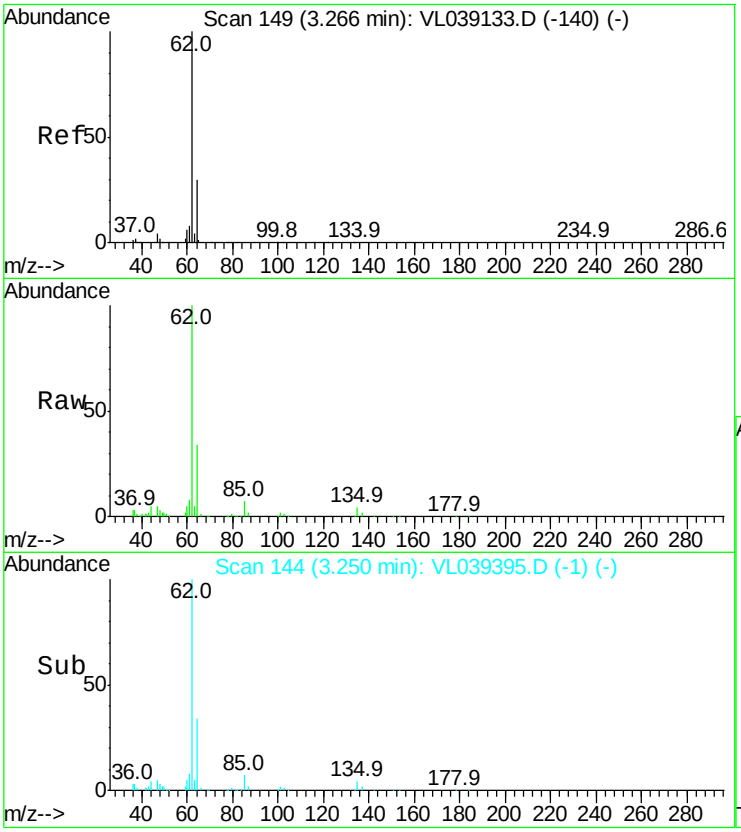


#4
Chloromethane
Concen: 2.32 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 50 Resp: 199993

Ion	Ratio	Lower	Upper
50	100		
52	33.8	26.5	39.7



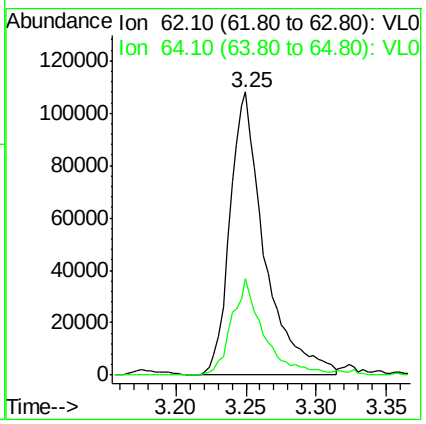


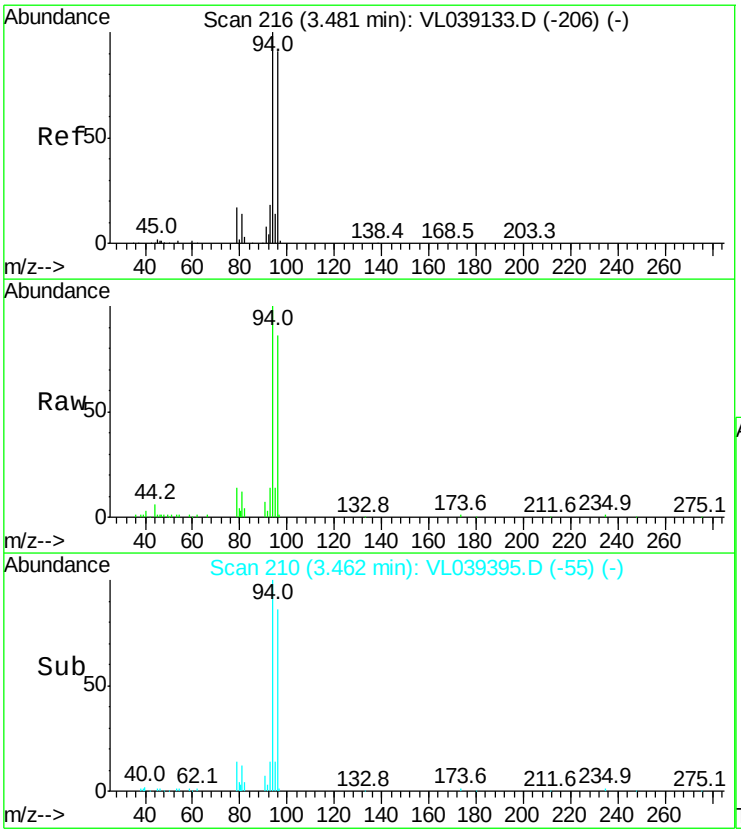
#5
Vinyl Chloride
Concen: 2.30 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 185698

Ion	Ratio	Lower	Upper
62	100		
64	34.0	24.6	36.8

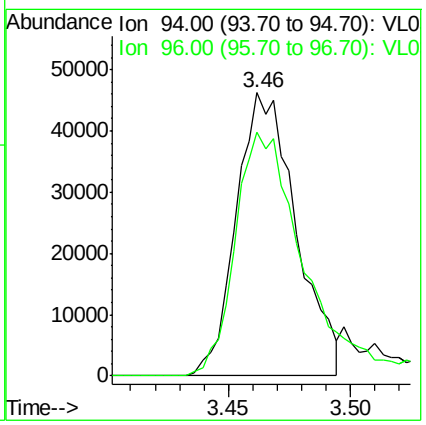


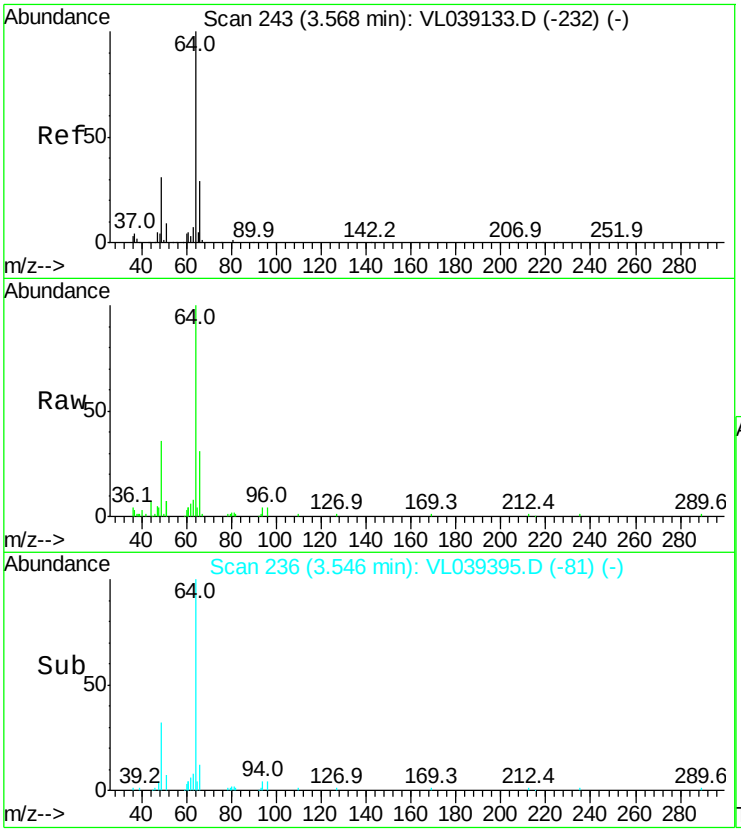


#6
Bromomethane
Concen: 1.98 ppbv
RT: 3.46 min Scan# 210
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 94 Resp: 78489

Ion	Ratio	Lower	Upper
94	100		
96	86.2	75.6	113.4



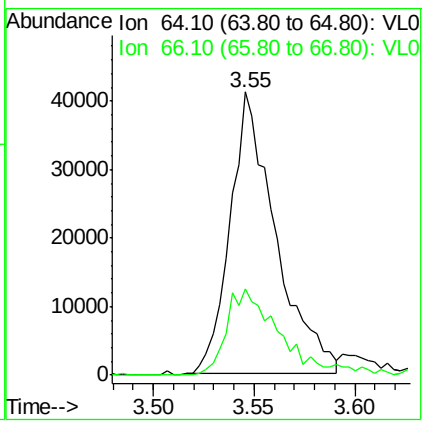


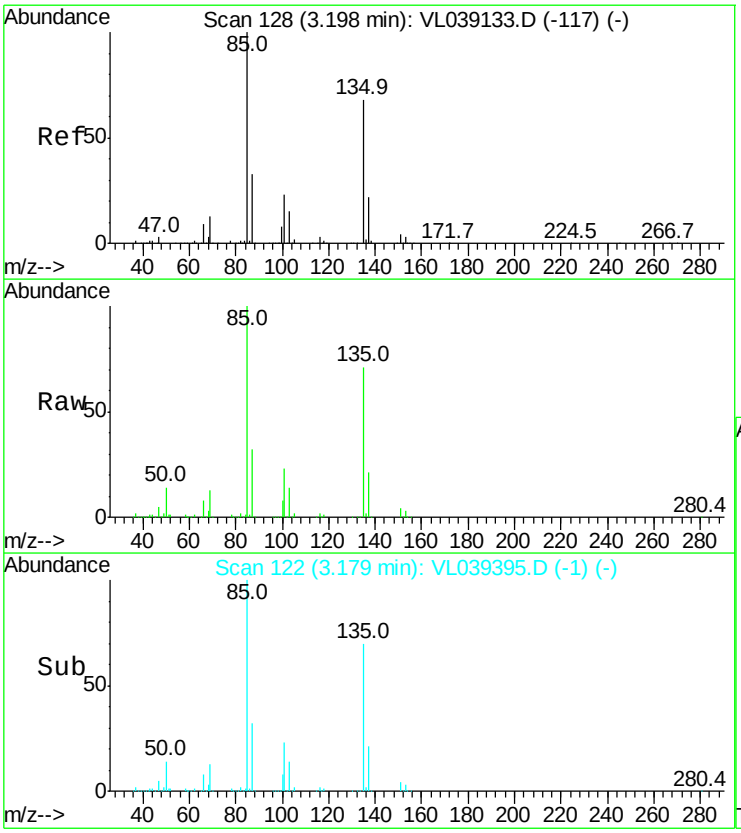
#7
Chloroethane
Concen: 2.31 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 65054

Ion	Ratio	Lower	Upper
64	100		
66	30.6	24.7	37.1

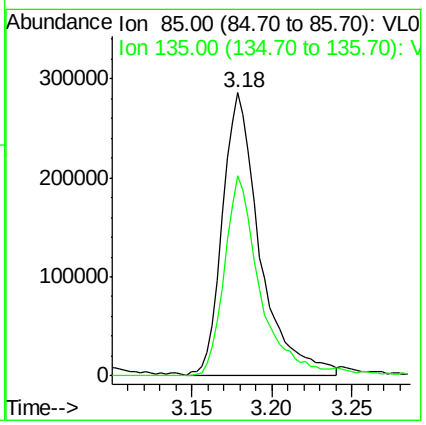


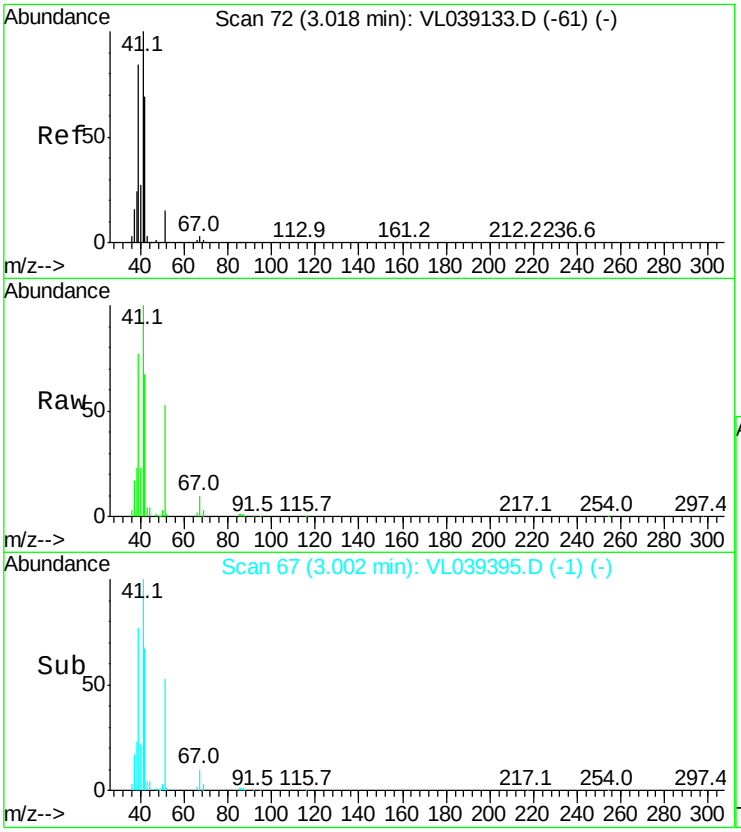


#8
Dichlorotetrafluoroethane
Concen: 2.14 ppbv
RT: 3.18 min Scan# 122
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 85 Resp: 453293

Ion	Ratio	Lower	Upper
85	100		
135	70.0	59.0	88.4



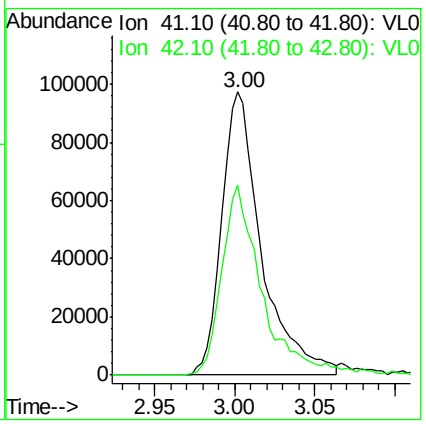


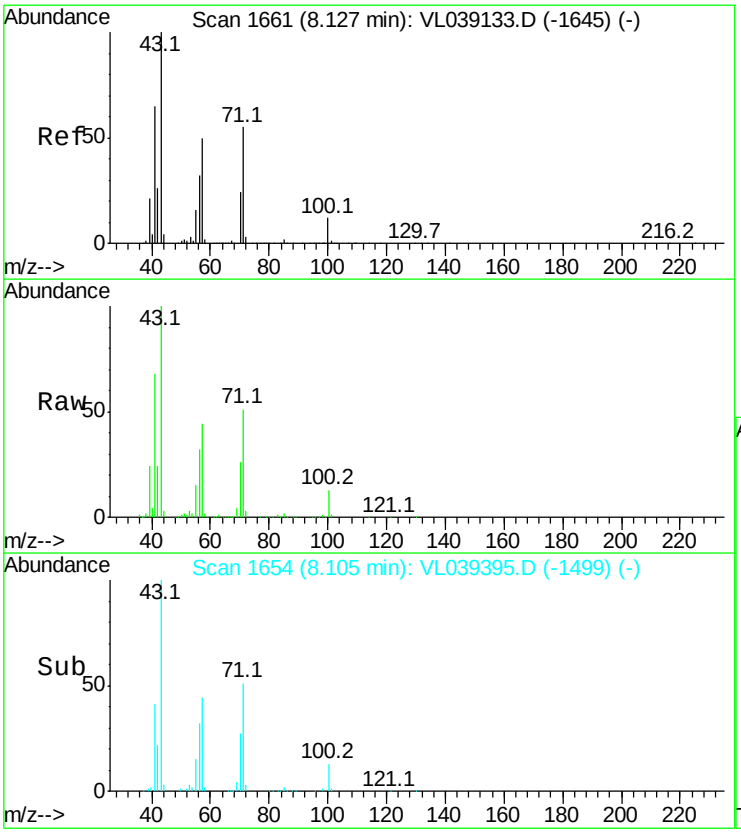
#9
Propene
Concen: 2.27 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 165962

Ion	Ratio	Lower	Upper
41	100		
42	68.7	55.2	82.8

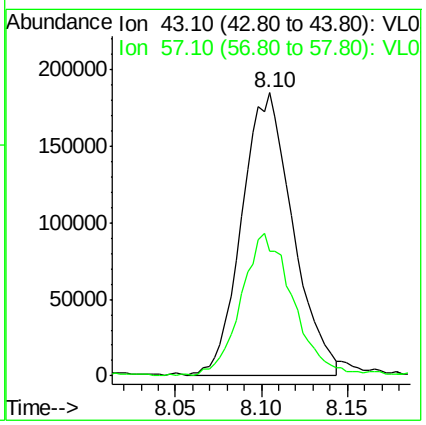


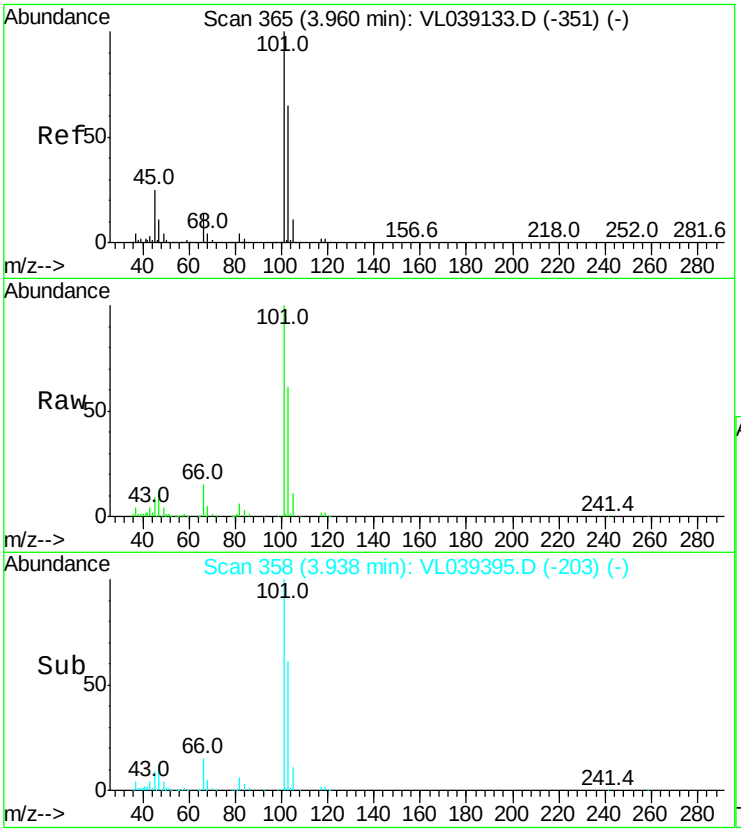


#10
Heptane
Concen: 2.21 ppbv
RT: 8.10 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 43 Resp: 377861

Ion	Ratio	Lower	Upper
43	100		
57	52.6	40.5	60.7



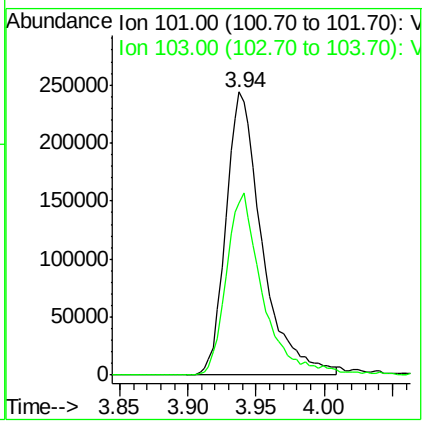


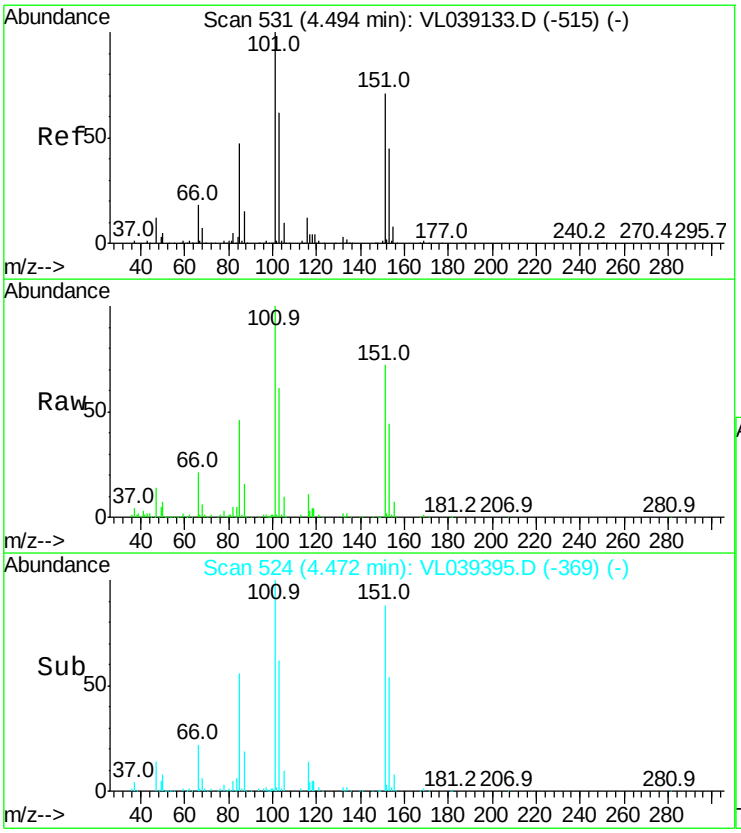
#11
Trichlorofluoromethane
Concen: 2.14 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 449419

Ion	Ratio	Lower	Upper
101	100		
103	60.7	51.8	77.8

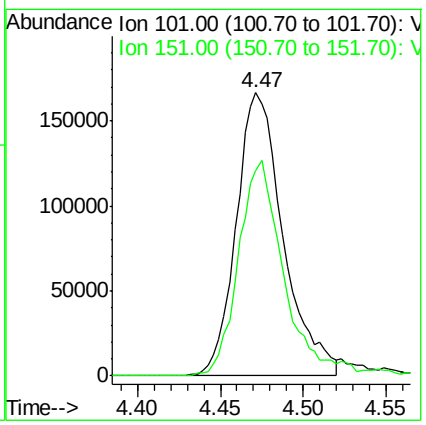


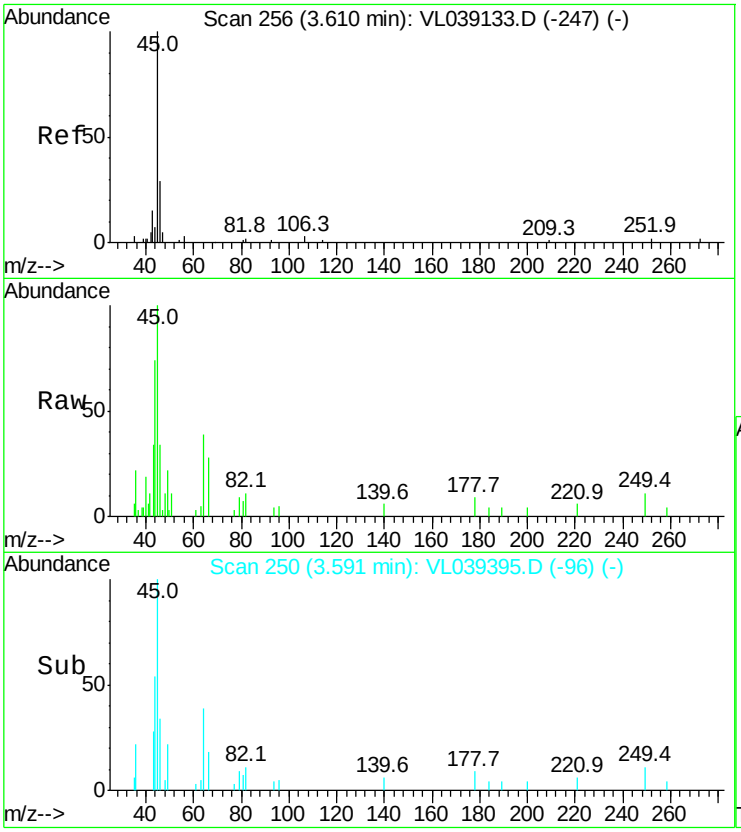


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.37 ppbv
RT: 4.47 min Scan# 524
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:101 Resp: 329189

Ion	Ratio	Lower	Upper
101	100		
151	75.5	58.9	88.3



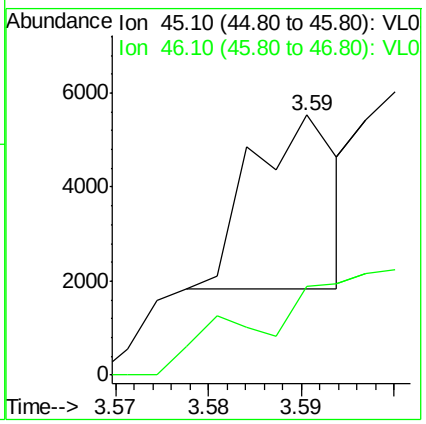


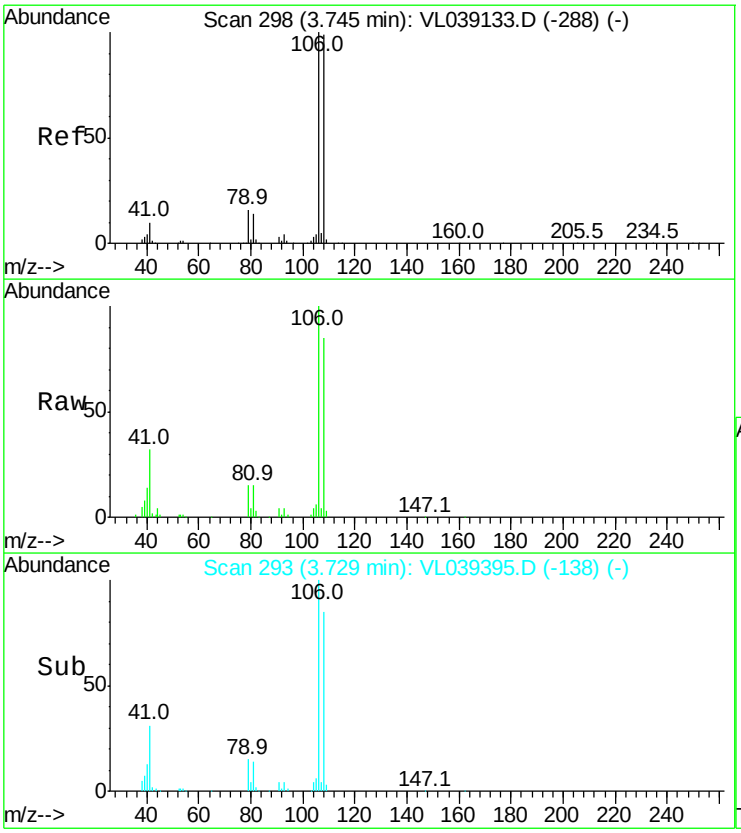
#13
Ethanol
Concen: 0.59 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 2373

Ion	Ratio	Lower	Upper
45	100		
46	0.0	22.8	91.2#

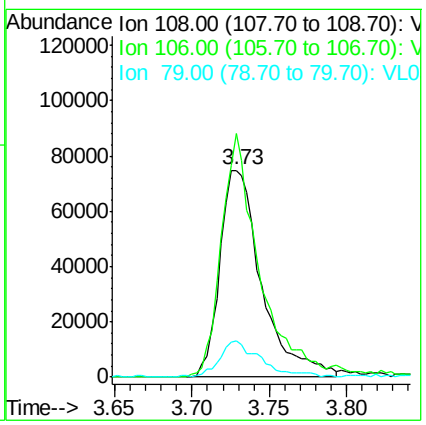


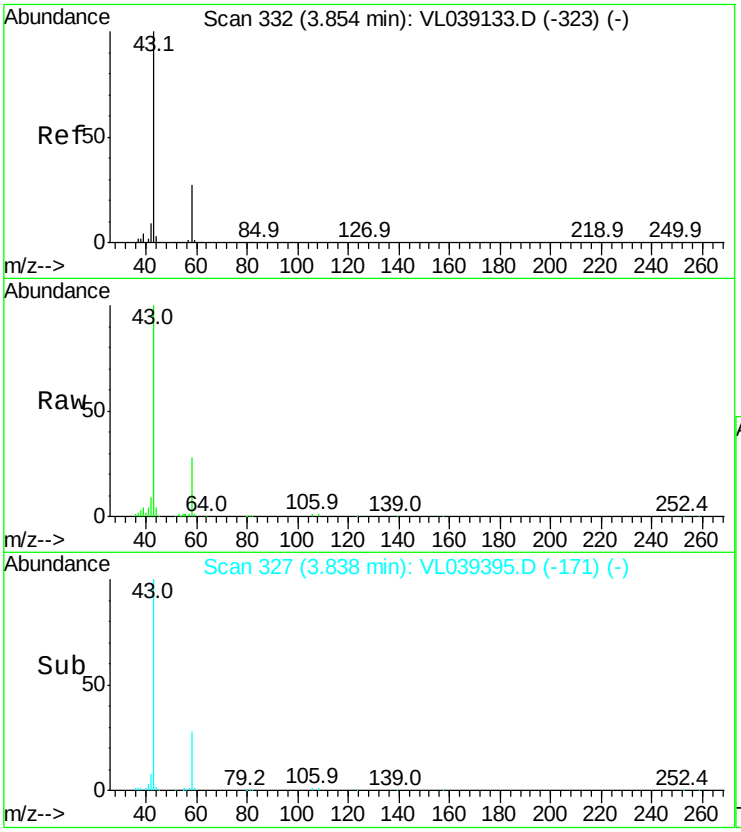


#14
Bromoethene
Concen: 2.24 ppbv
RT: 3.73 min Scan# 293
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:108 Resp: 139935

Ion	Ratio	Lower	Upper
108	100		
106	111.1	87.1	130.7
79	18.0	14.6	22.0



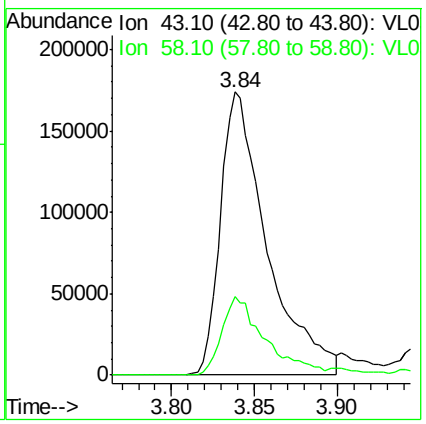


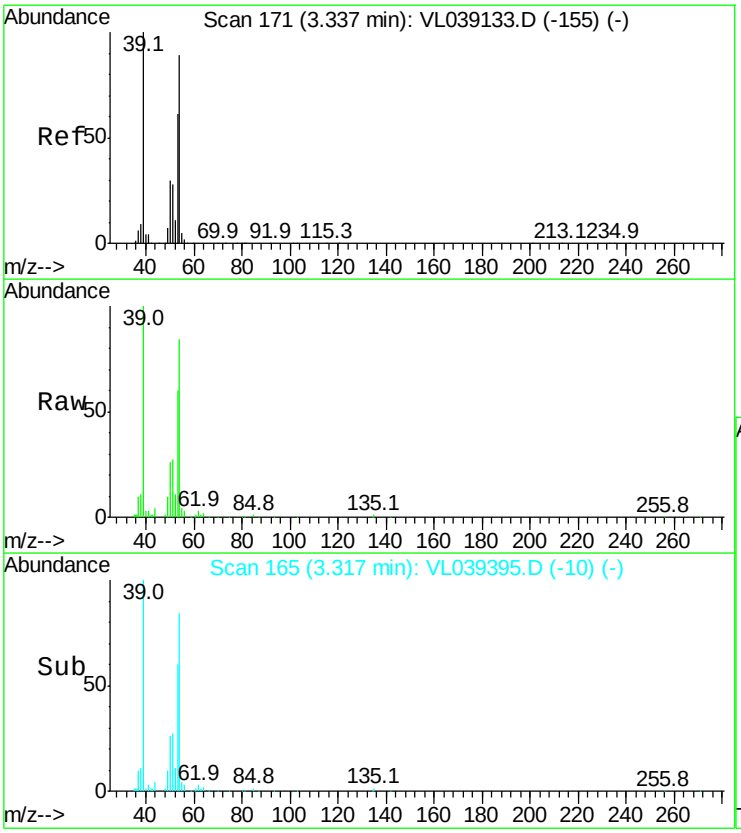
#15
Acetone
Concen: 2.46 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 338385

Ion	Ratio	Lower	Upper
43	100		
58	27.5	21.0	31.6

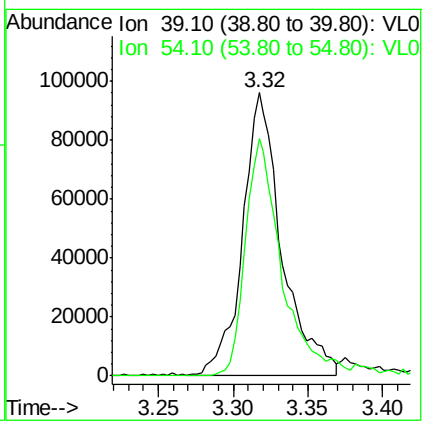


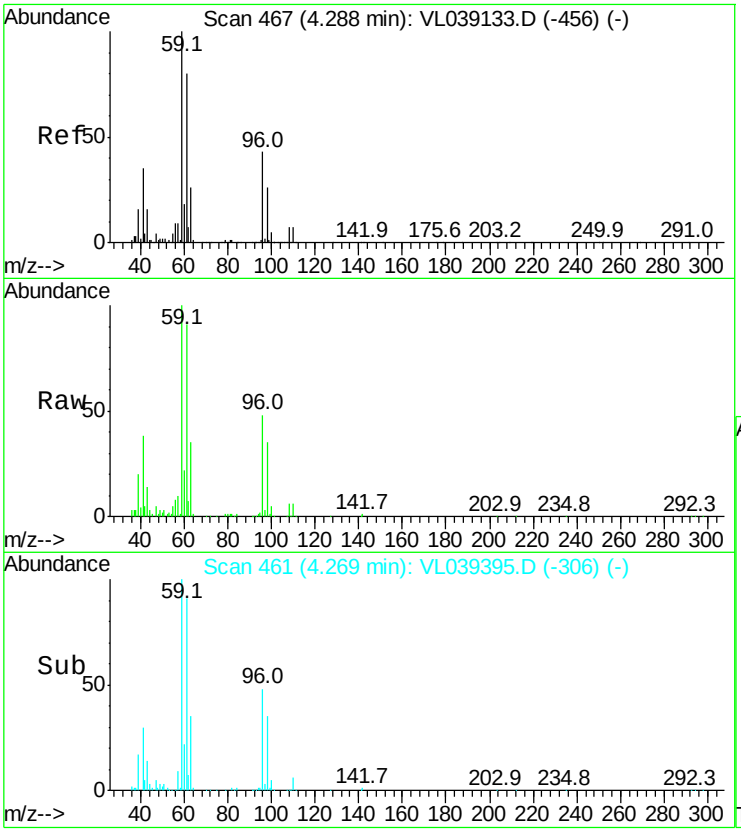


#16
1,3-Butadiene
Concen: 2.38 ppbv
RT: 3.32 min Scan# 165
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 39 Resp: 176242

Ion	Ratio	Lower	Upper
39	100		
54	81.1	63.7	95.5



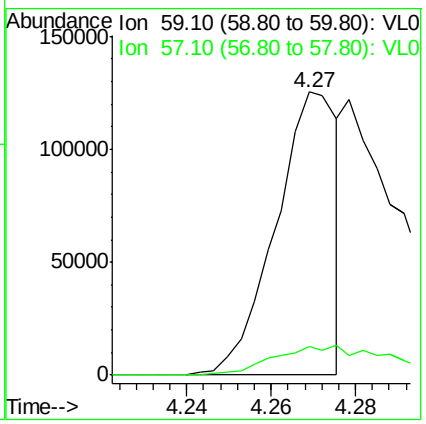


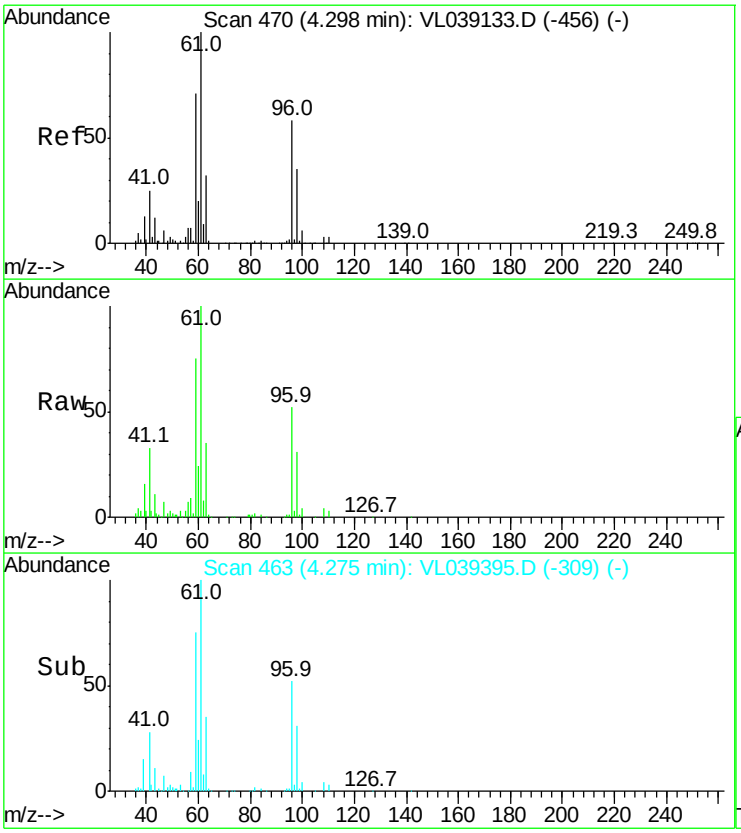
#17
tert-Butyl alcohol
Concen: 1.18 ppbv
RT: 4.27
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 126360

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#

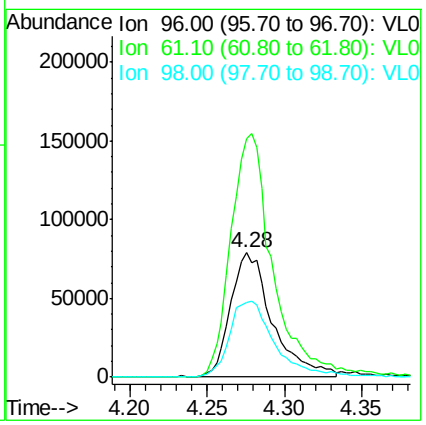


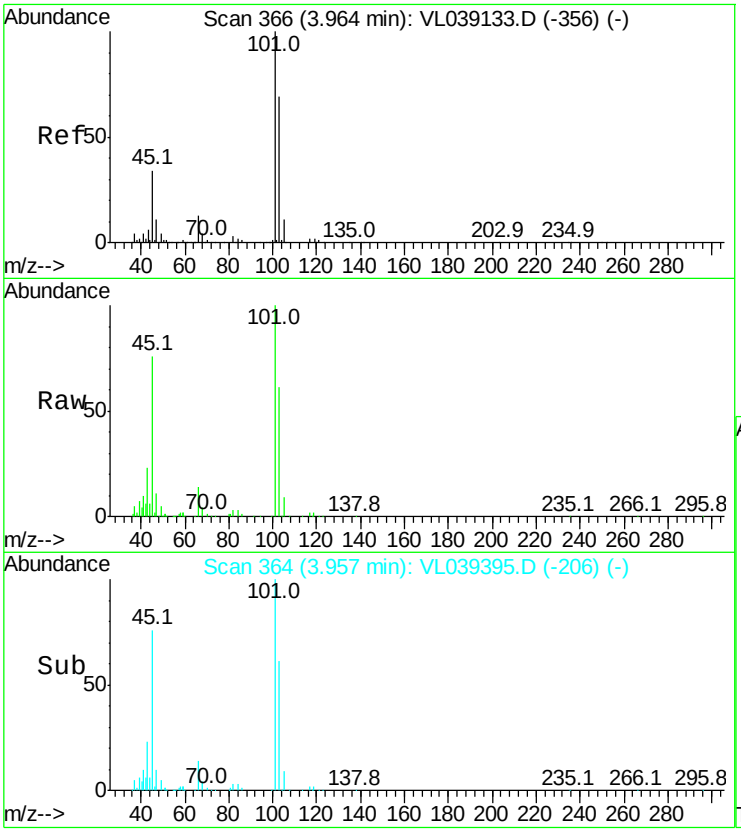


#18
1,1-Dichloroethene
Concen: 2.35 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 96 Resp: 146165

Ion	Ratio	Lower	Upper
96	100		
61	192.6	152.2	228.4
98	60.3	51.8	77.6



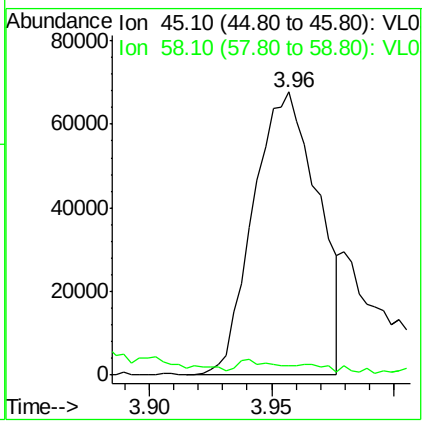


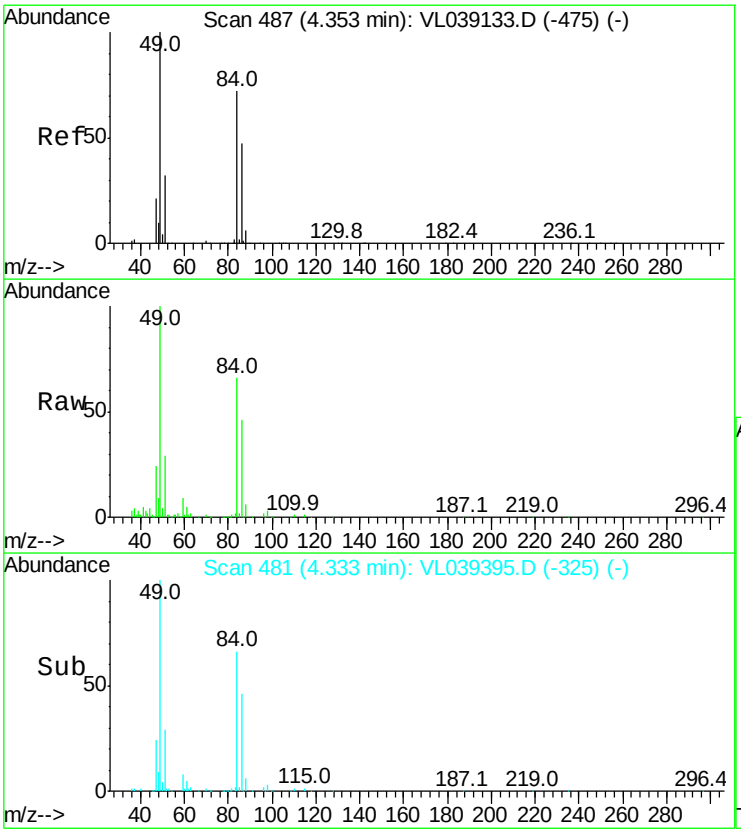
#19
Isopropyl Alcohol
Concen: 1.91 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 123515

Ion	Ratio	Lower	Upper
45	100		
58	5.8	3.2	4.8#

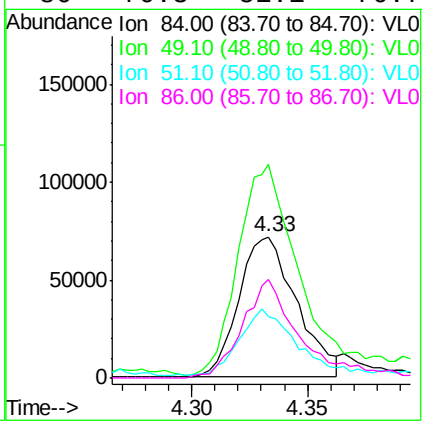


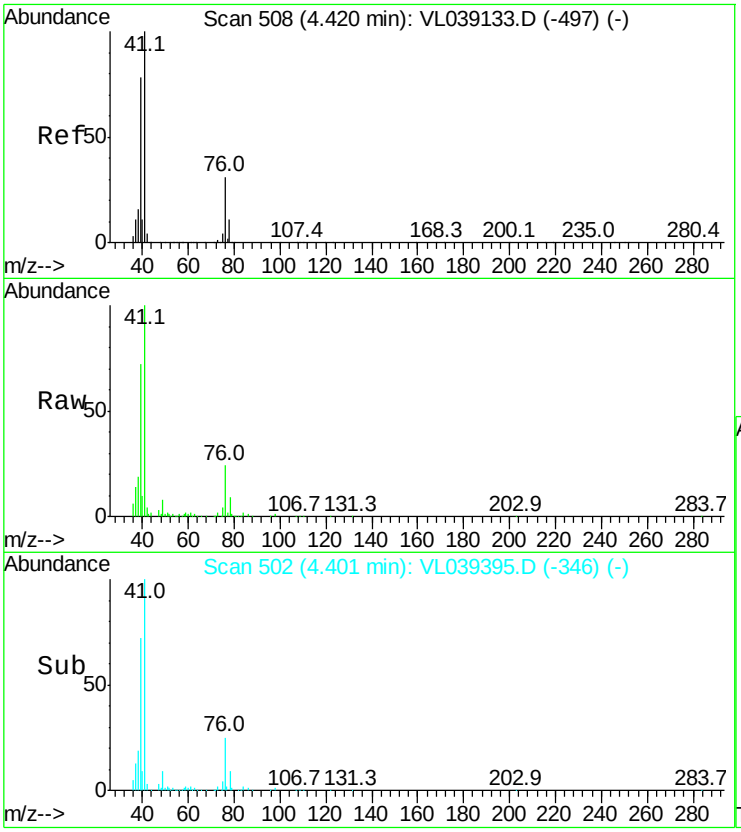


#20
Methylene Chloride
Concen: 2.14 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 84 Resp: 123797

Ion	Ratio	Lower	Upper
84	100		
49	150.4	123.1	184.7
51	41.5	34.4	51.6
86	70.3	51.1	76.7



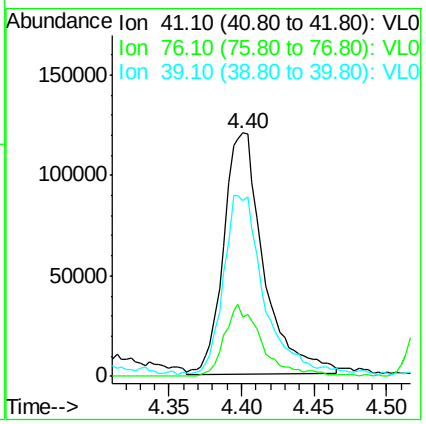


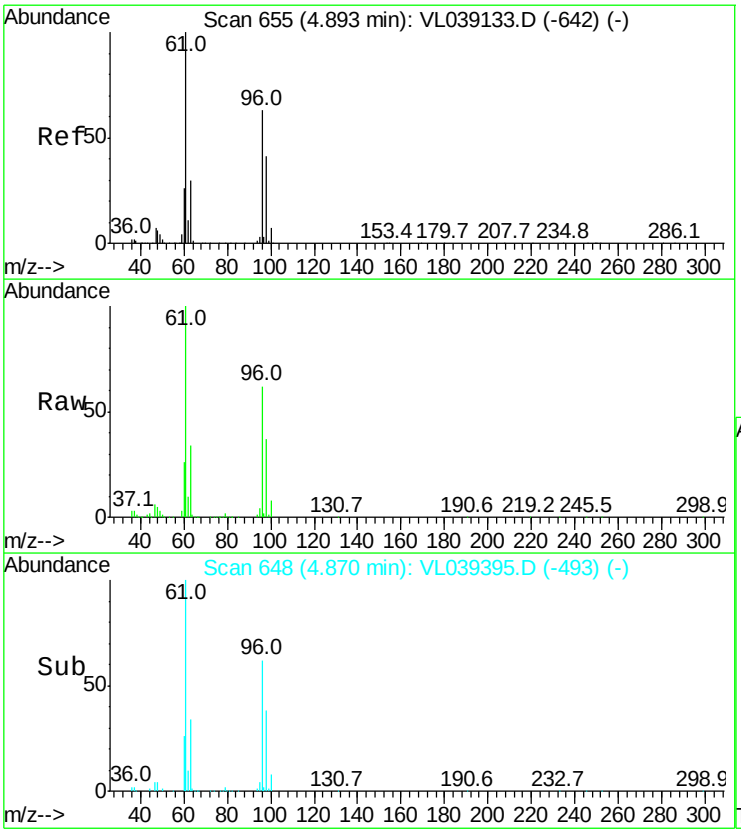
#21
Allyl Chloride
Concen: 2.49 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 230773

Ion	Ratio	Lower	Upper
41	100		
76	28.2	24.4	36.6
39	76.4	63.5	95.3

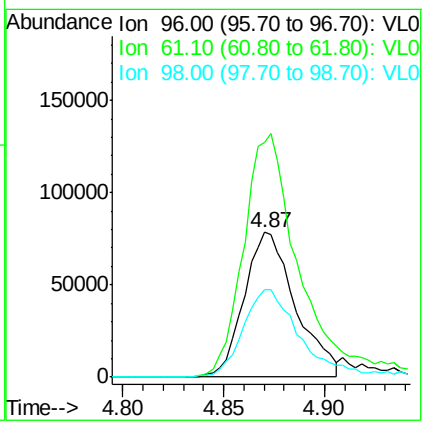


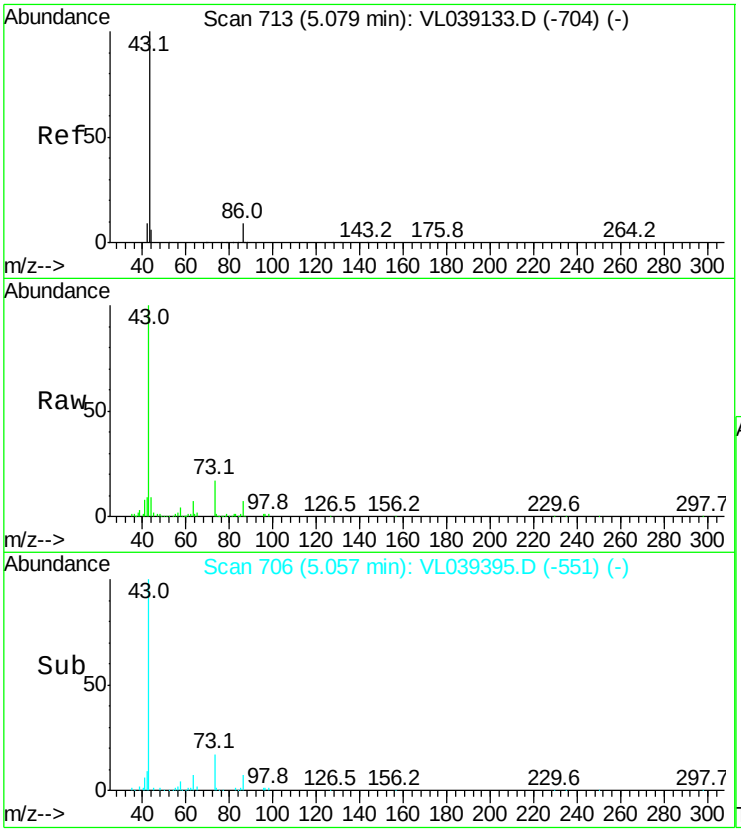


#22
trans-1,2-Dichloroethene
Concen: 2.33 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 96 Resp: 139665

Ion	Ratio	Lower	Upper
96	100		
61	162.3	130.6	195.8
98	60.0	53.4	80.0



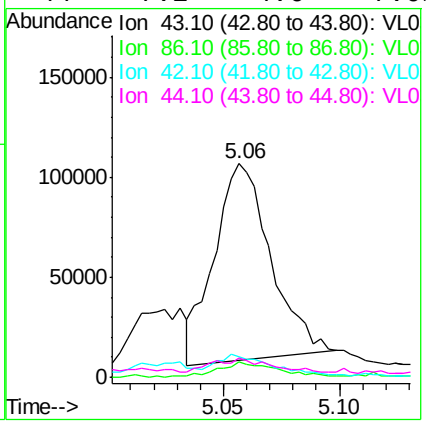


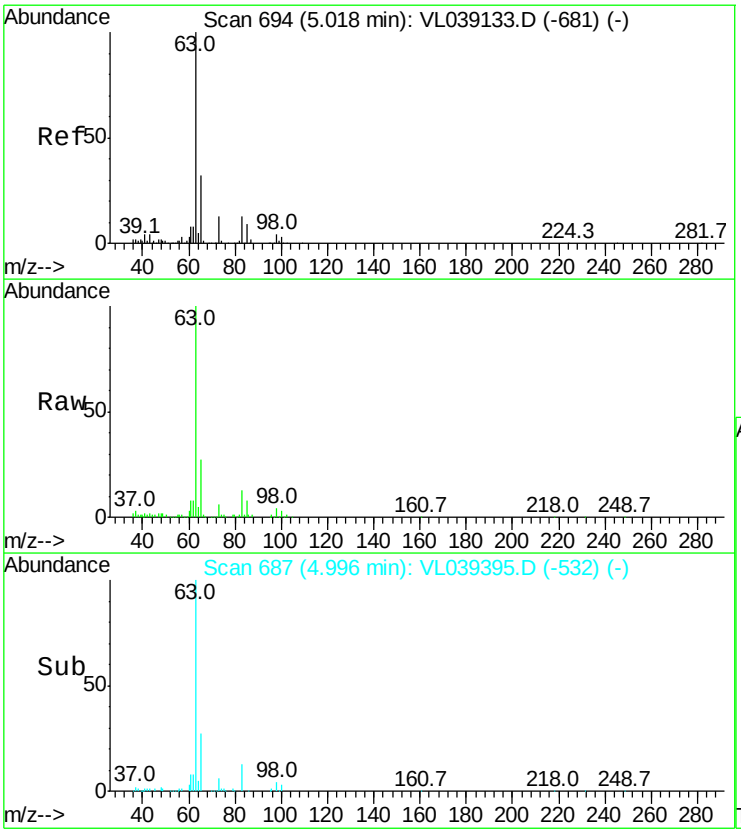
#23
Vinyl Acetate
Concen: 1.47 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 166873

Ion	Ratio	Lower	Upper
43	100		
86	7.8	5.0	7.6#
42	9.0	7.7	11.5
44	7.2	4.6	7.0#

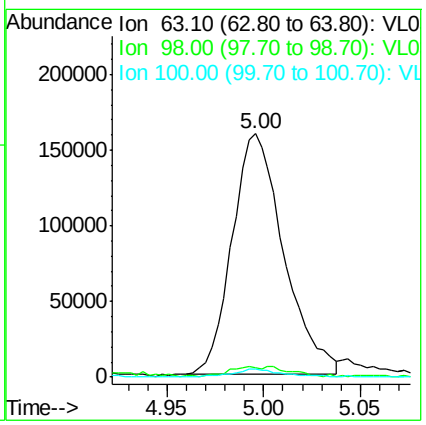


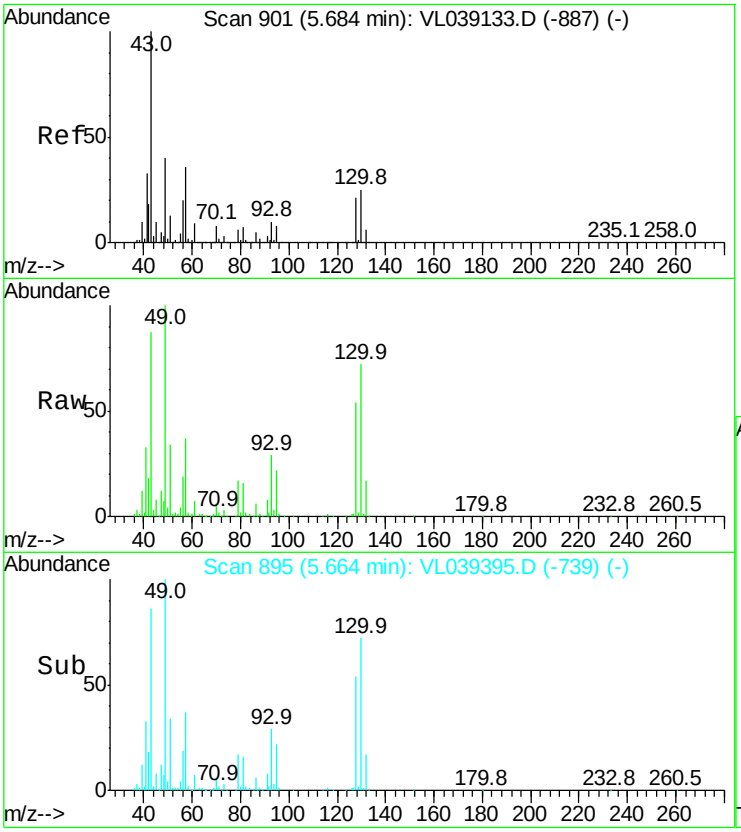


#24
1,1-Dichloroethane
Concen: 1.89 ppbv
RT: 5.00 min Scan# 687
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 63 Resp: 295162

Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.8	5.3
100	2.8	1.5	4.4



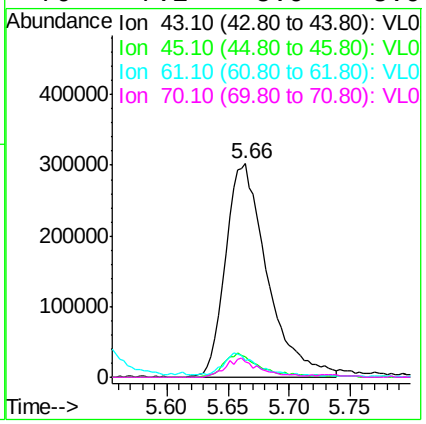


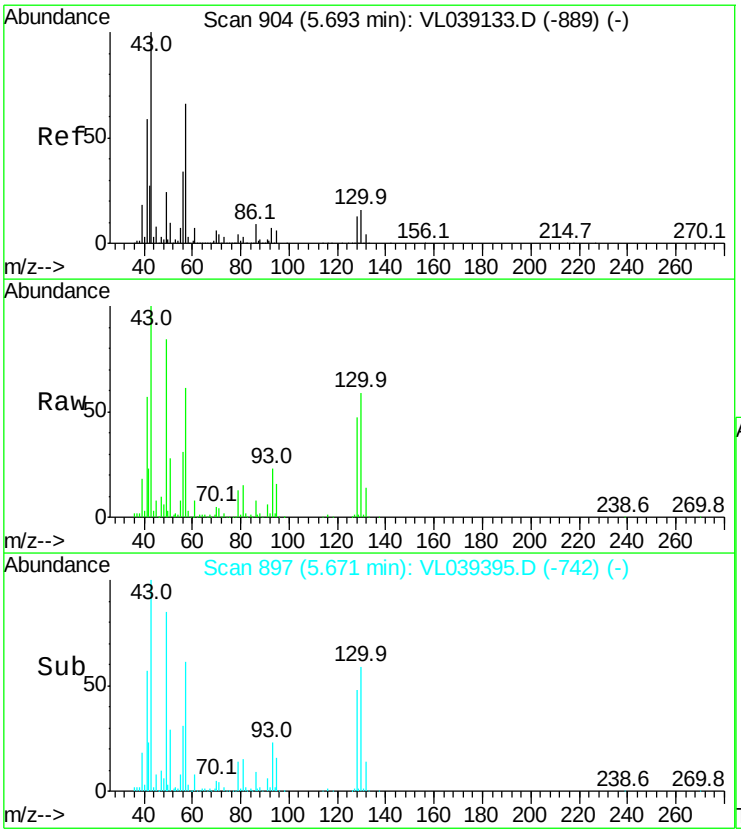
#25
Ethyl Acetate
Concen: 2.31 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 716409

Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.2	12.4
61	10.0	8.3	12.5
70	7.2	5.9	8.9

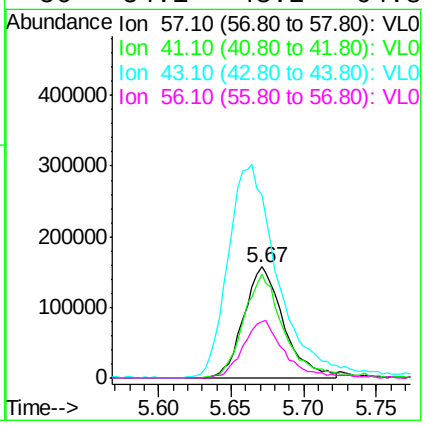


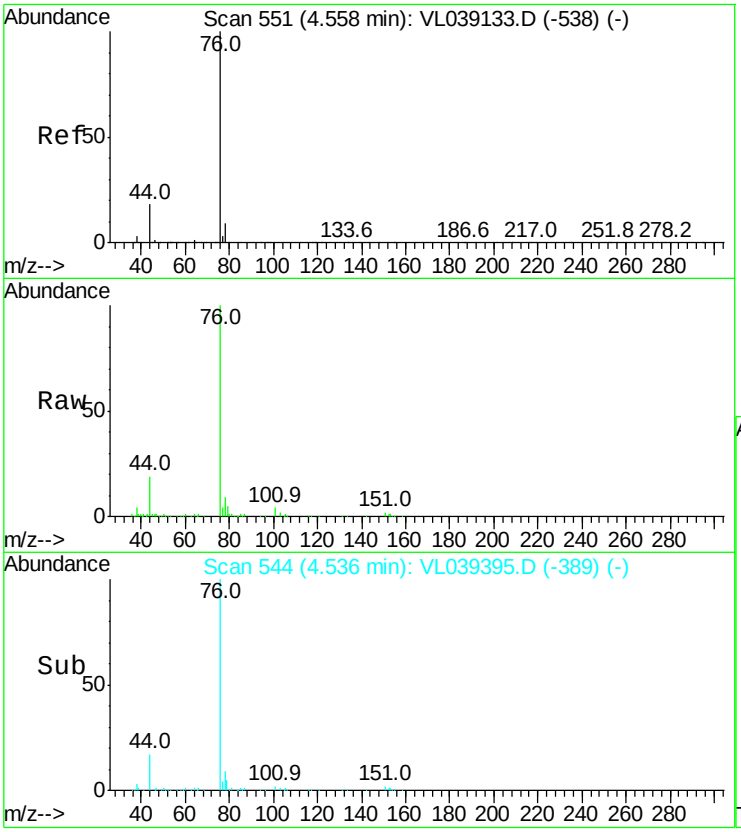


#26
Hexane
Concen: 2.22 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 57 Resp: 301989

Ion	Ratio	Lower	Upper
57	100		
41	97.2	76.9	115.3
43	244.7	191.0	286.6
56	54.1	43.2	64.8



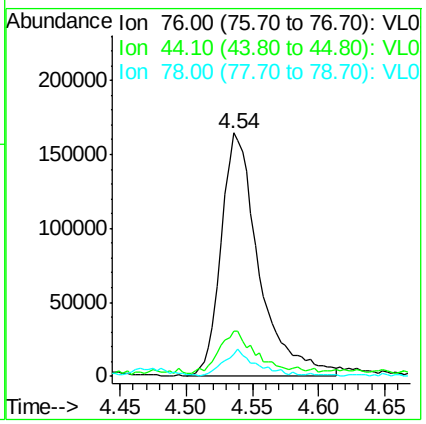


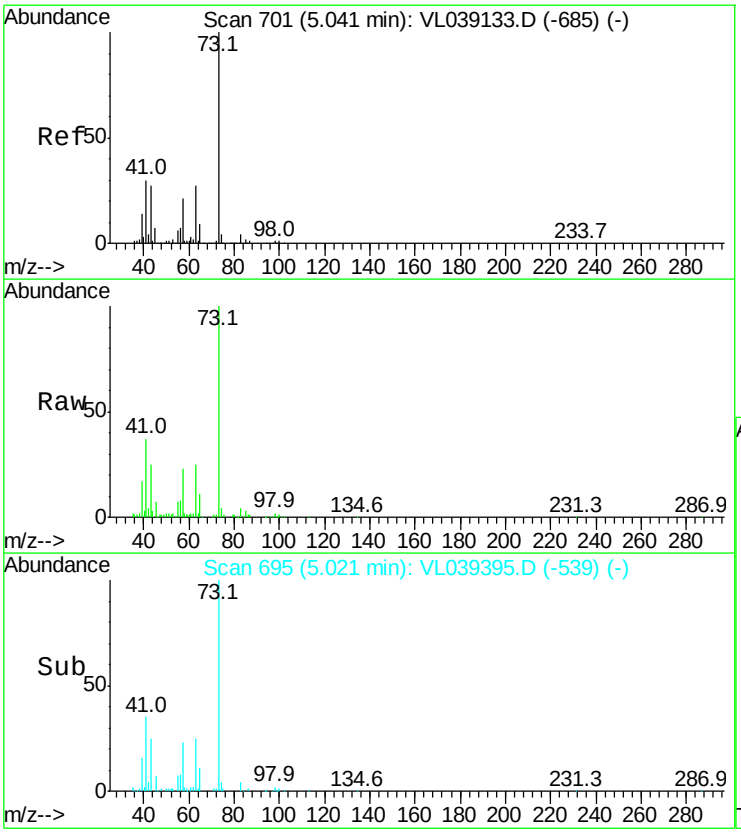
#27
Carbon Disulfide
Concen: 2.31 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 325883

Ion	Ratio	Lower	Upper
76	100		
44	22.5	14.6	21.8#
78	10.5	7.8	11.6

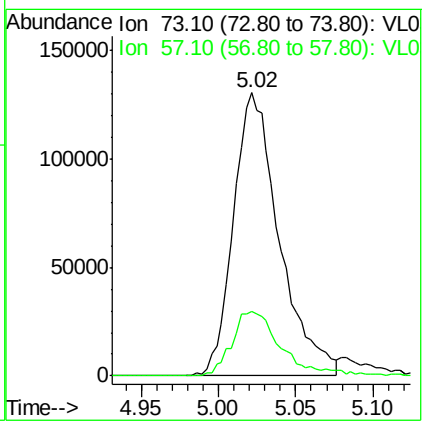


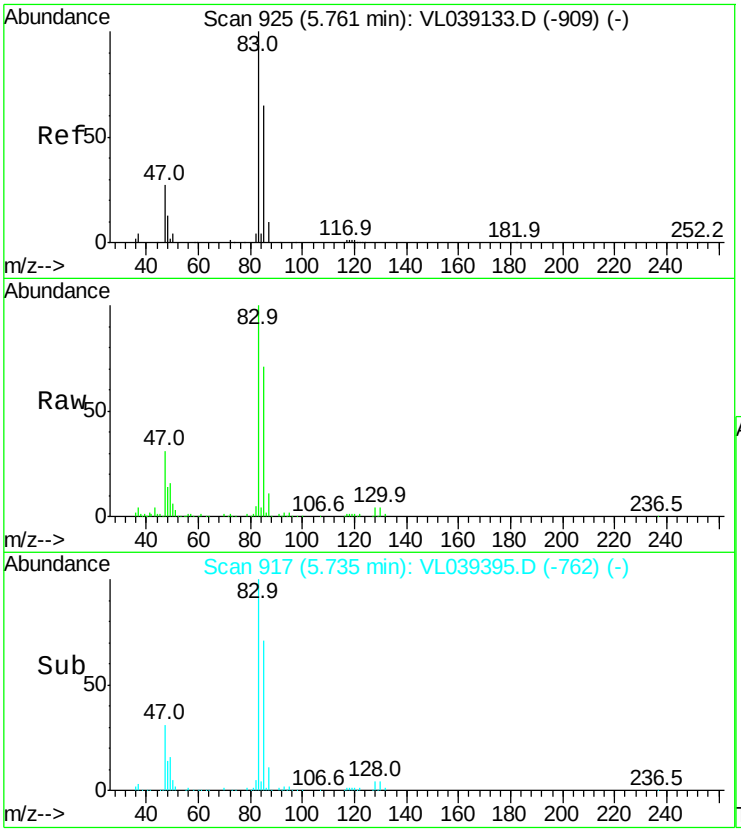


#28
Methyl tert-Butyl Ether
Concen: 1.79 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 73 Resp: 268505

Ion	Ratio	Lower	Upper
73	100		
57	24.8	19.8	29.8



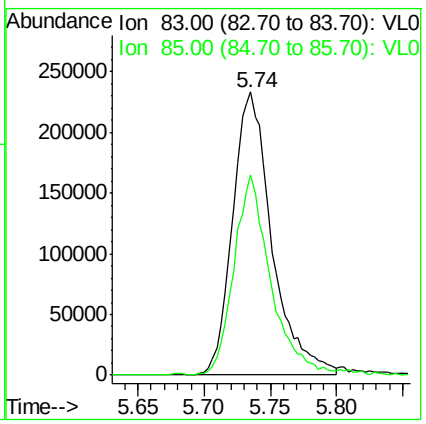


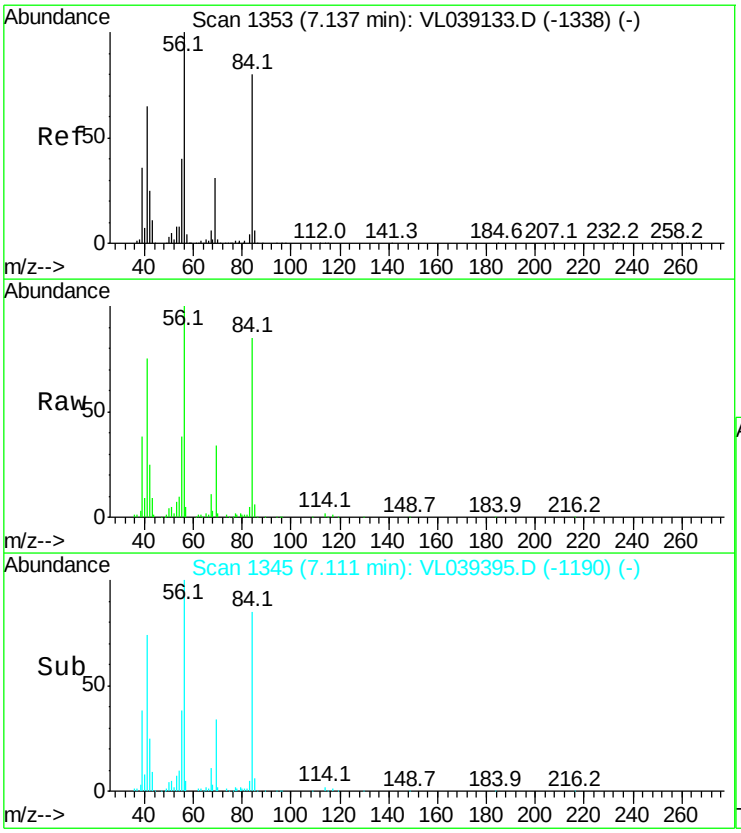
#29
Chloroform
Concen: 2.09 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 479759

Ion	Ratio	Lower	Upper
83	100		
85	70.7	52.8	79.2

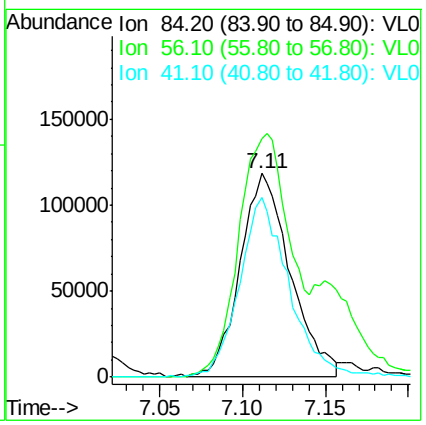


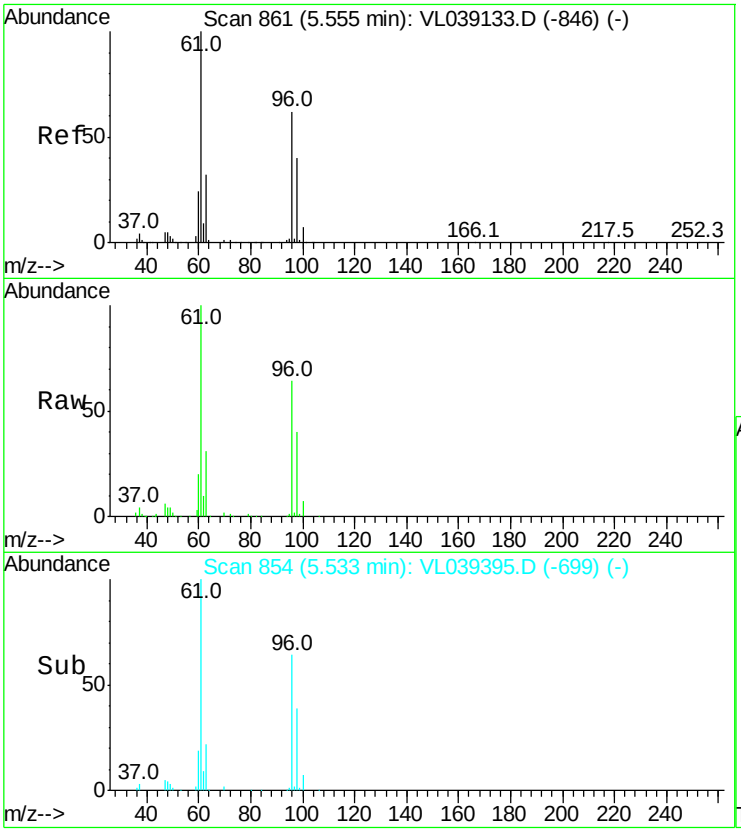


#30
Cyclohexane
Concen: 2.18 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 84 Resp: 250047

Ion	Ratio	Lower	Upper
84	100		
56	165.8	107.7	161.5#
41	87.9	67.7	101.5



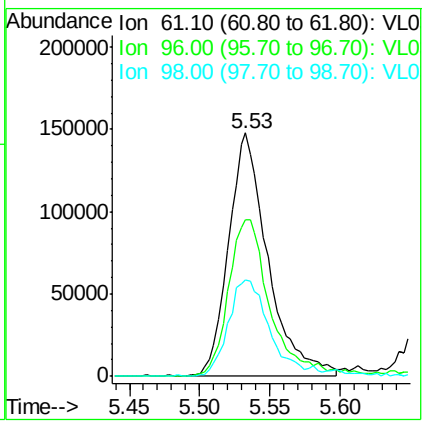


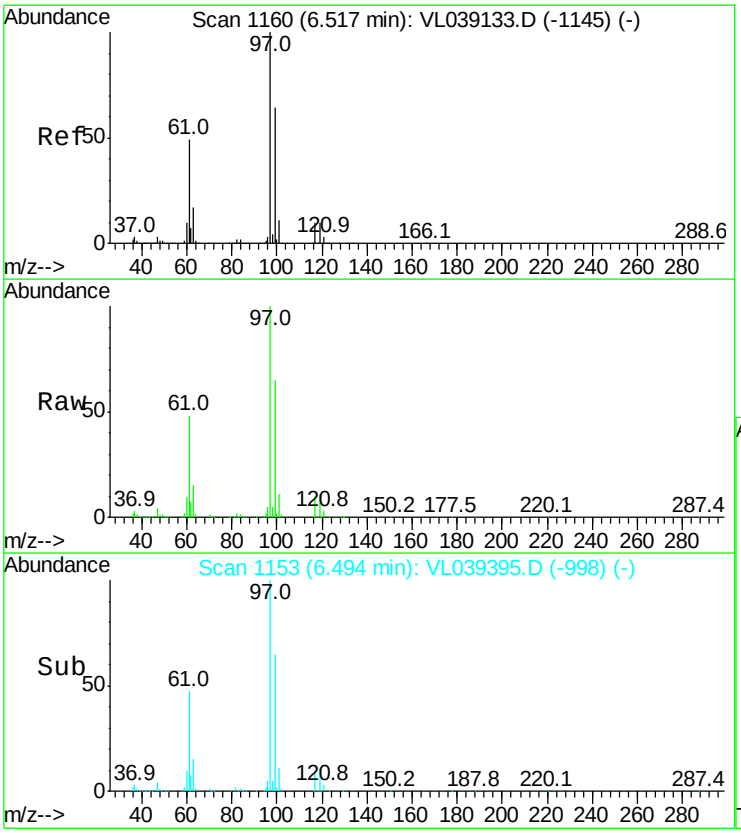
#31
cis-1,2-Dichloroethene
Concen: 2.08 ppbv
RT: 5.53
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 288743

Ion	Ratio	Lower	Upper
61	100		
96	64.4	54.1	81.1
98	39.7	34.6	52.0

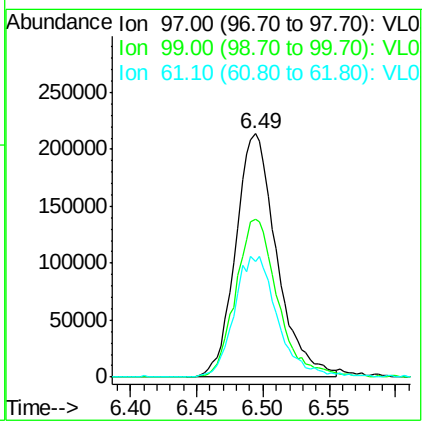


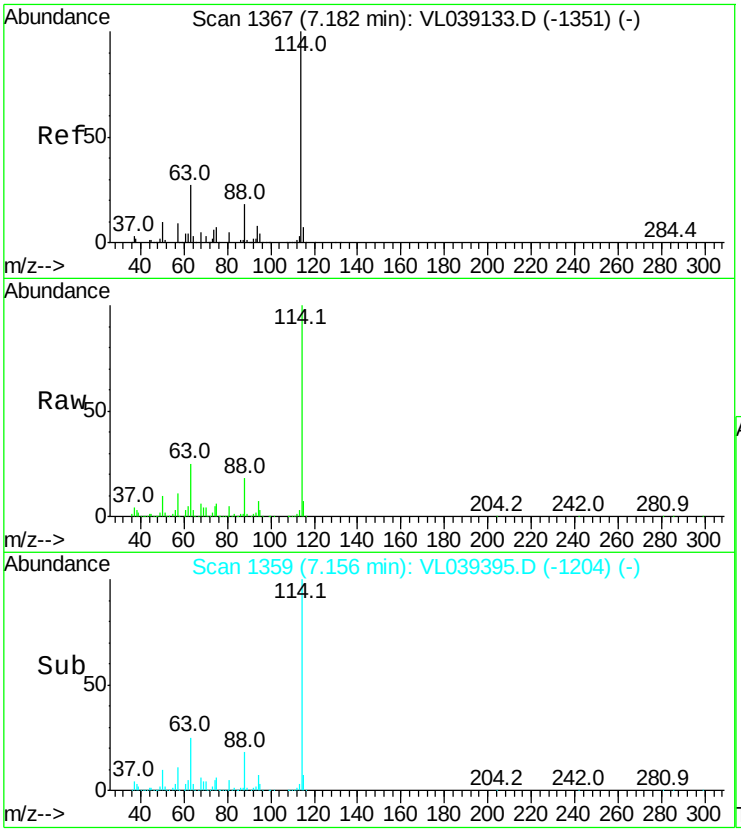


#32
1,1,1-Trichloroethane
Concen: 2.06 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 97 Resp: 461591

Ion	Ratio	Lower	Upper
97	100		
99	66.7	52.3	78.5
61	52.8	40.9	61.3



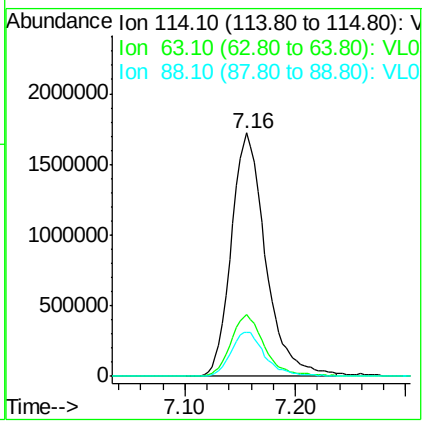


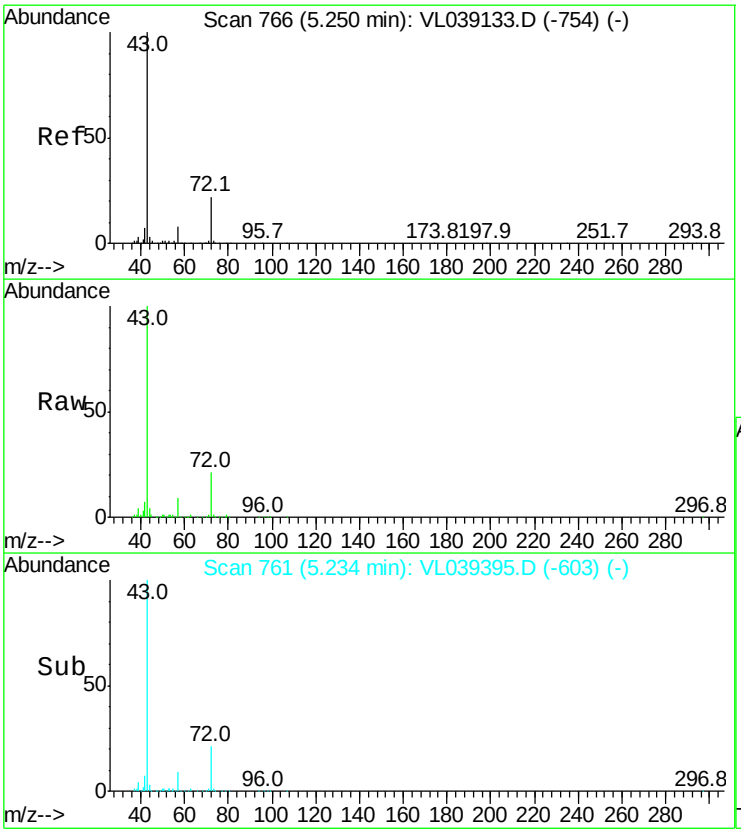
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 3715027

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.2	30.4
88	18.2	14.5	21.7

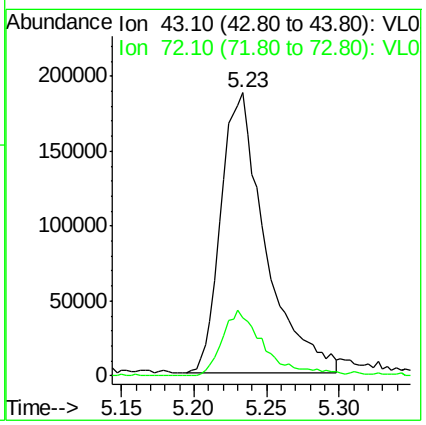


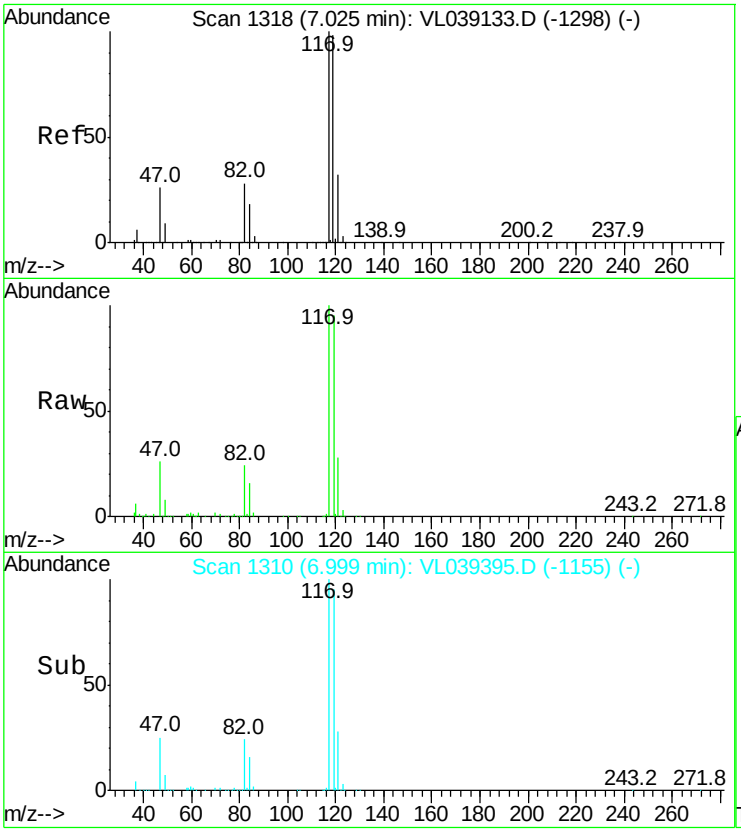


#34
2-Butanone
Concen: 1.98 ppbv
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 43 Resp: 399215

Ion	Ratio	Lower	Upper
43	100		
72	23.0	17.9	26.9



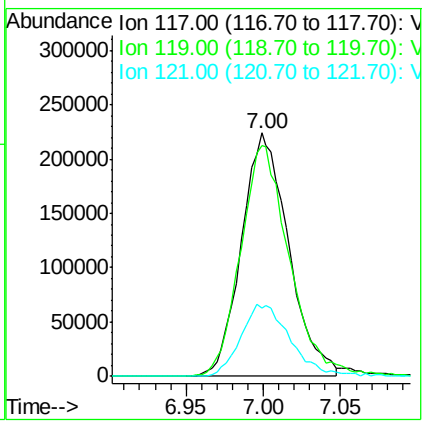


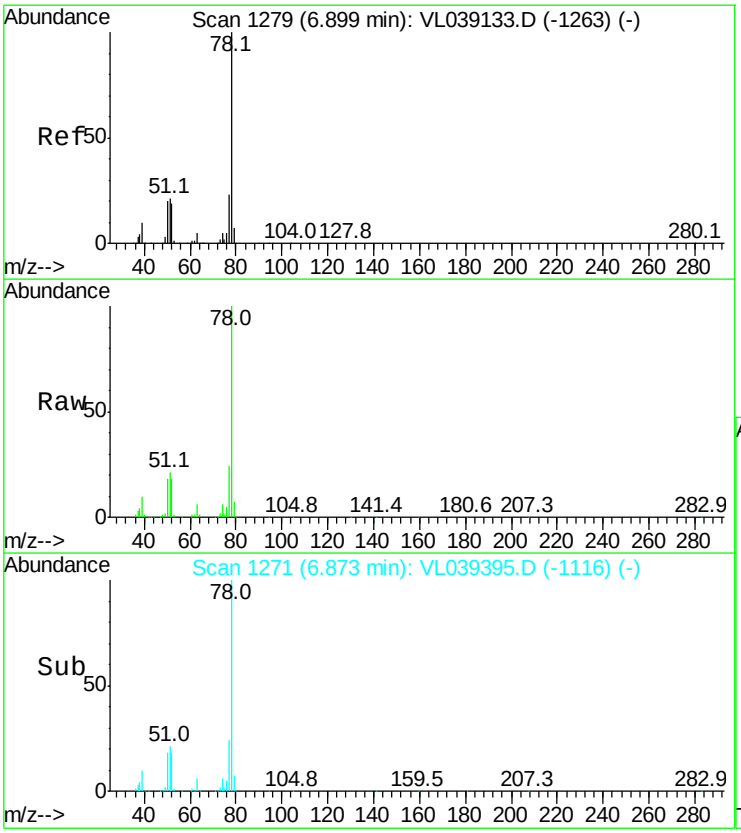
#35
Carbon Tetrachloride
Concen: 1.75 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 473916

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.4	113.2
121	28.0	24.2	36.2

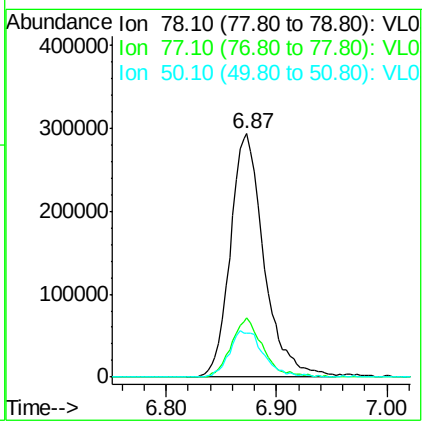


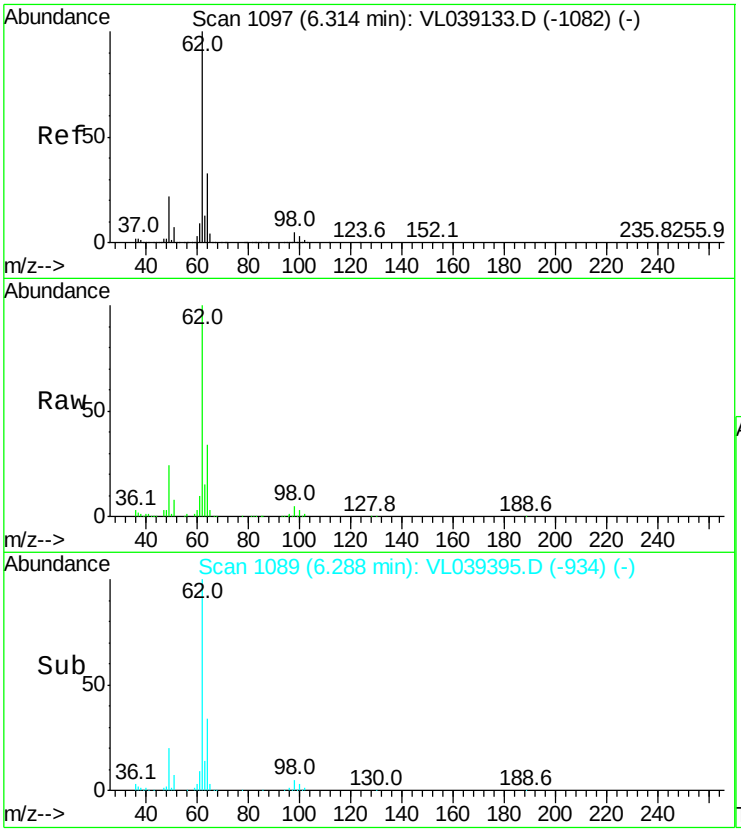


#36
Benzene
Concen: 2.06 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 78 Resp: 621547

Ion	Ratio	Lower	Upper
78	100		
77	24.1	20.3	30.5
50	17.8	15.5	23.3



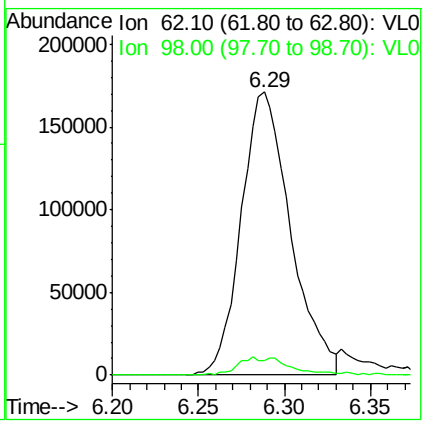


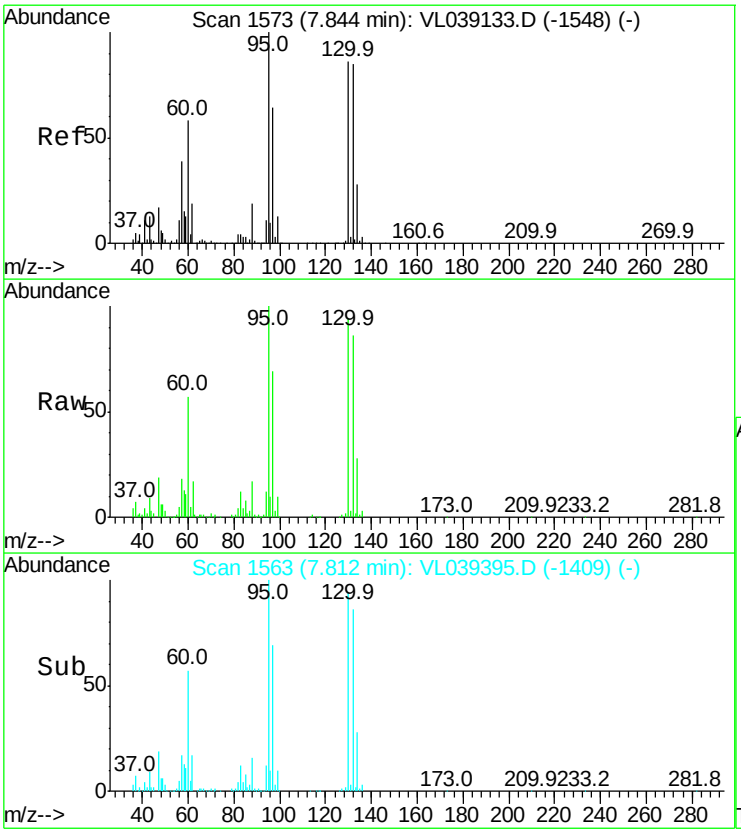
#37
1,2-Dichloroethane
Concen: 1.72 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 341511

Ion	Ratio	Lower	Upper
62	100		
98	7.0	5.1	7.7

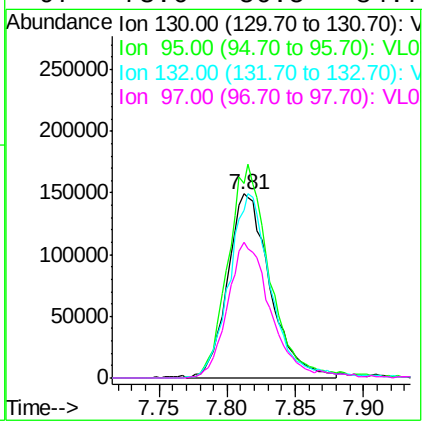


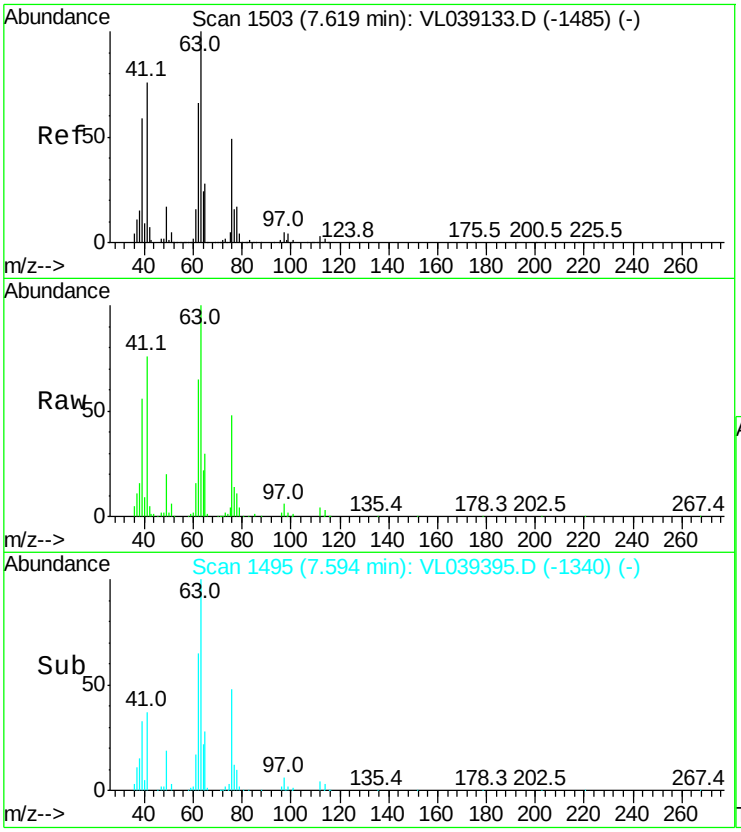


#38
Trichloroethene
Concen: 2.30 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:130 Resp: 319097

Ion	Ratio	Lower	Upper
130	100		
95	105.9	87.3	130.9
132	90.7	76.7	115.1
97	73.6	56.5	84.7



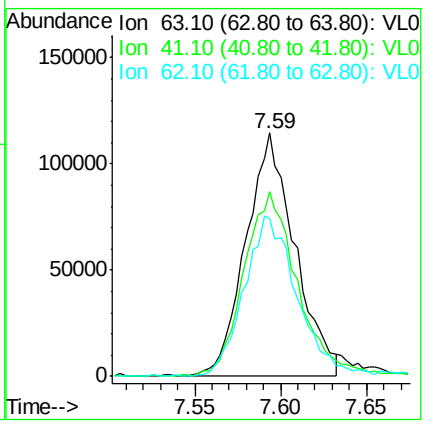


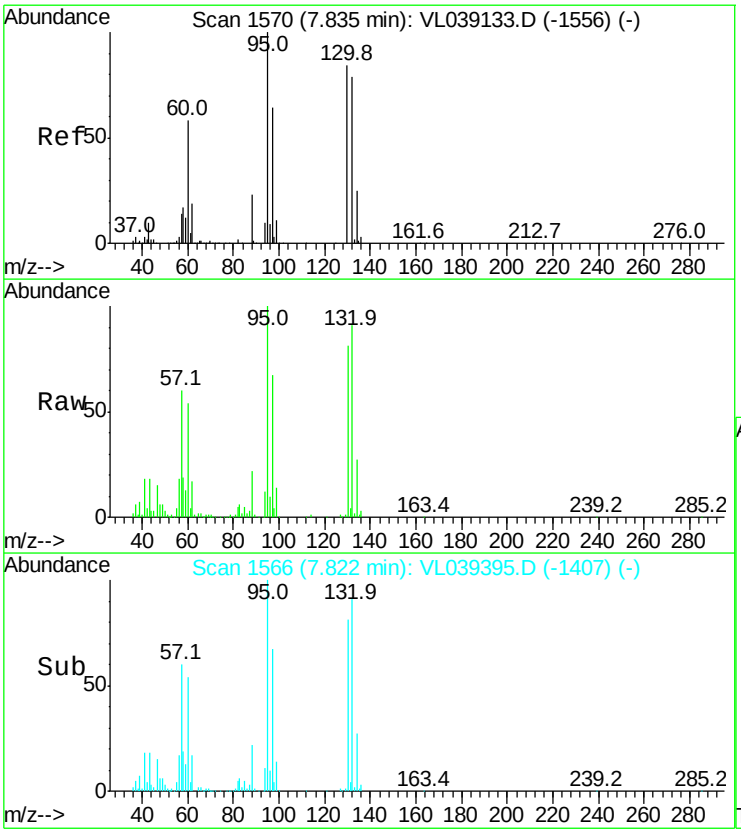
#39
1,2-Dichloropropane
Concen: 1.89 ppbv
RT: 7.59
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 63 Resp: 226185

Ion	Ratio	Lower	Upper
63	100		
41	75.1	59.6	89.4
62	65.0	51.4	77.0

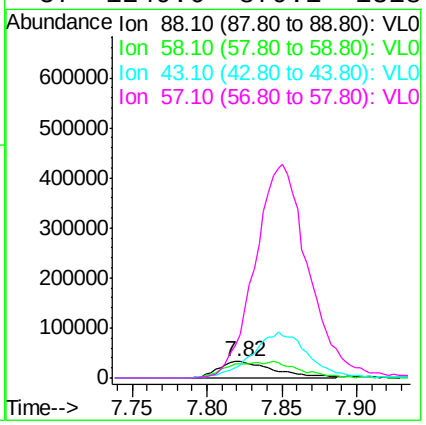


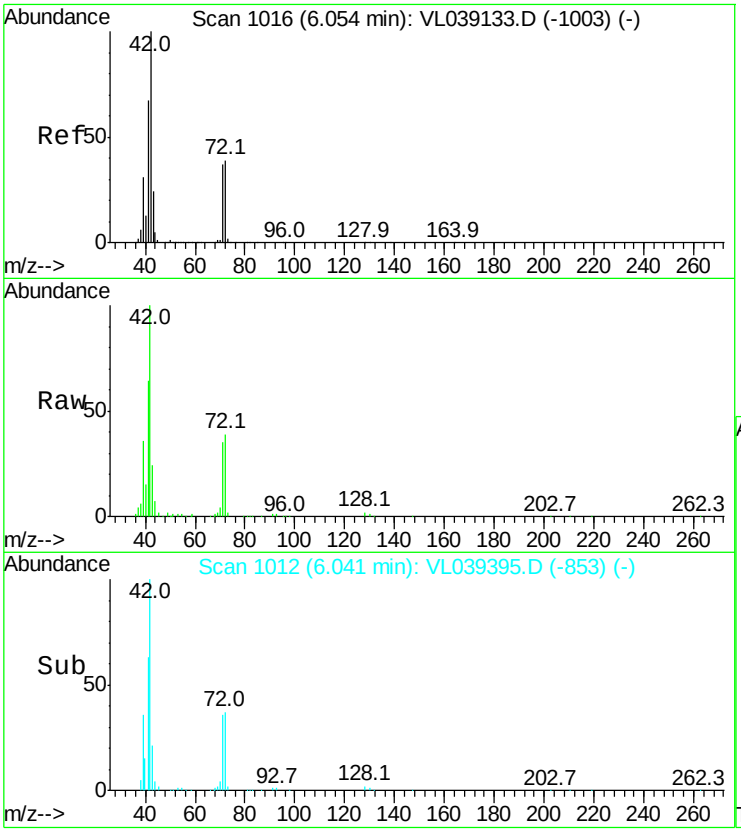


#40
1,4-Dioxane
Concen: 2.17 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 88 Resp: 85798

Ion	Ratio	Lower	Upper
88	100		
58	130.6	100.2	150.4
43	280.4	205.8	308.6
57	1249.6	879.1	1318.7



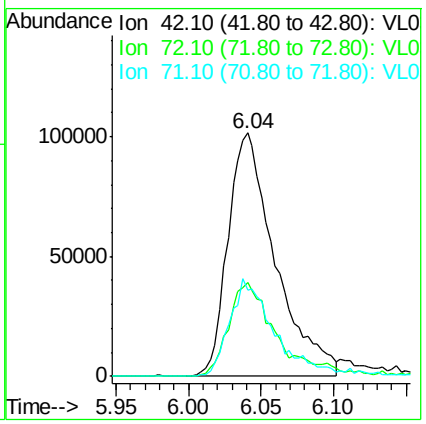


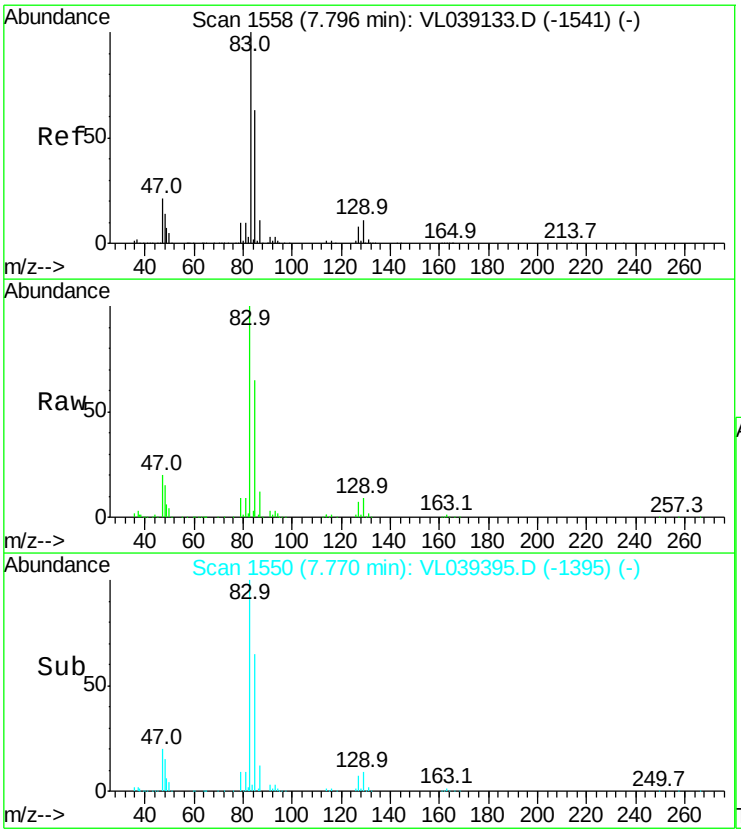
#41
Tetrahydrofuran
Concen: 1.90 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 42 Resp: 230183

Ion	Ratio	Lower	Upper
42	100		
72	39.8	31.8	47.8
71	39.2	31.8	47.8

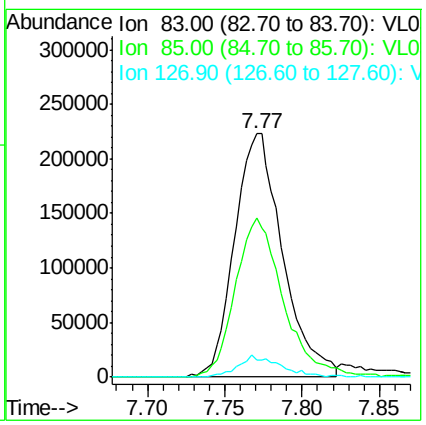


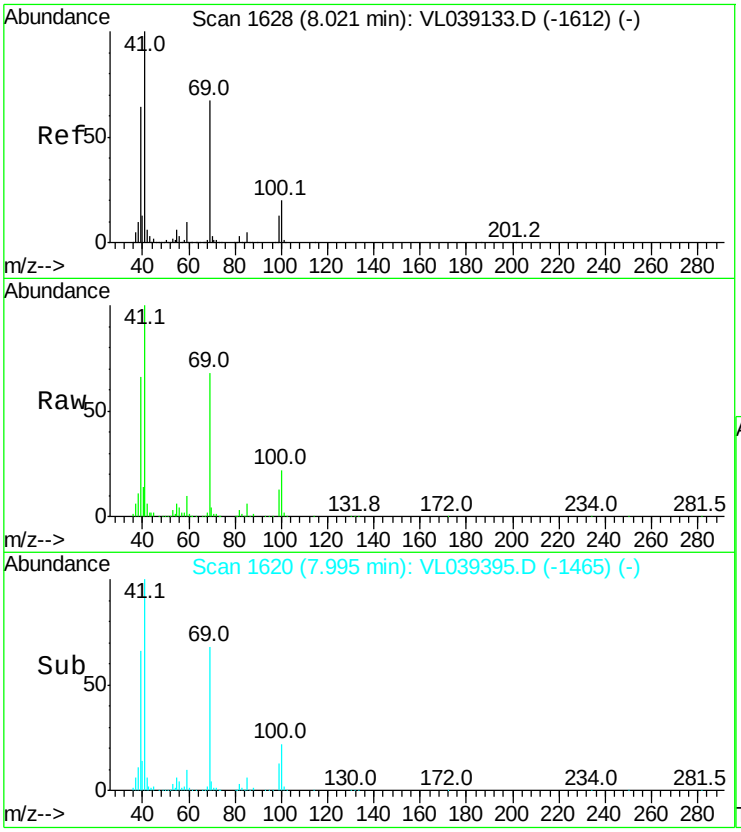


#42
Bromodichloromethane
Concen: 1.74 ppbv
RT: 7.77 min Scan# 1550
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 83 Resp: 479692

Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.7	76.1
127	7.2	6.6	9.8



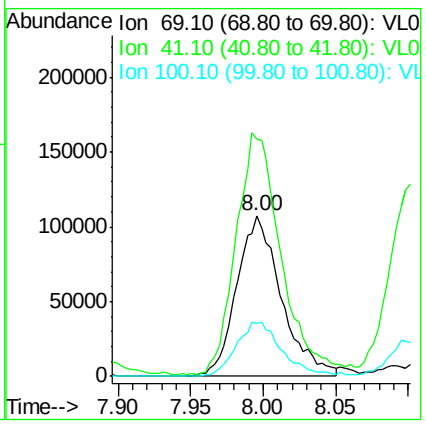


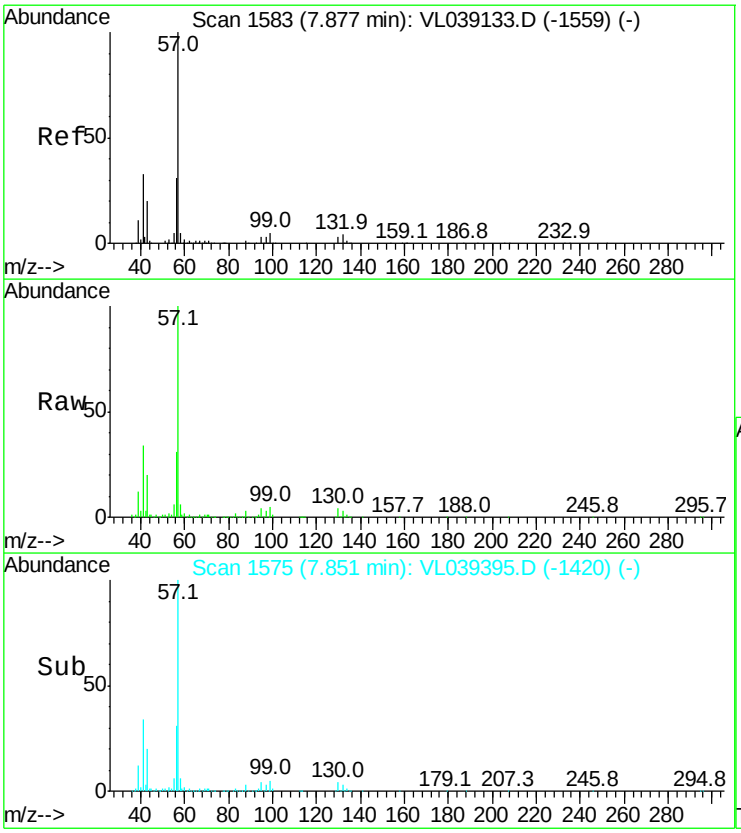
#43
Methyl Methacrylate
Concen: 1.96 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 229952

Ion	Ratio	Lower	Upper
69	100		
41	155.5	120.8	181.2
100	35.0	27.8	41.6

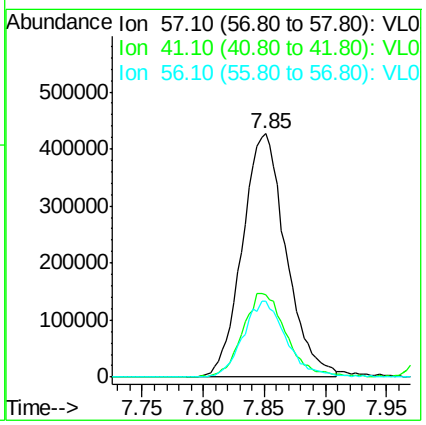


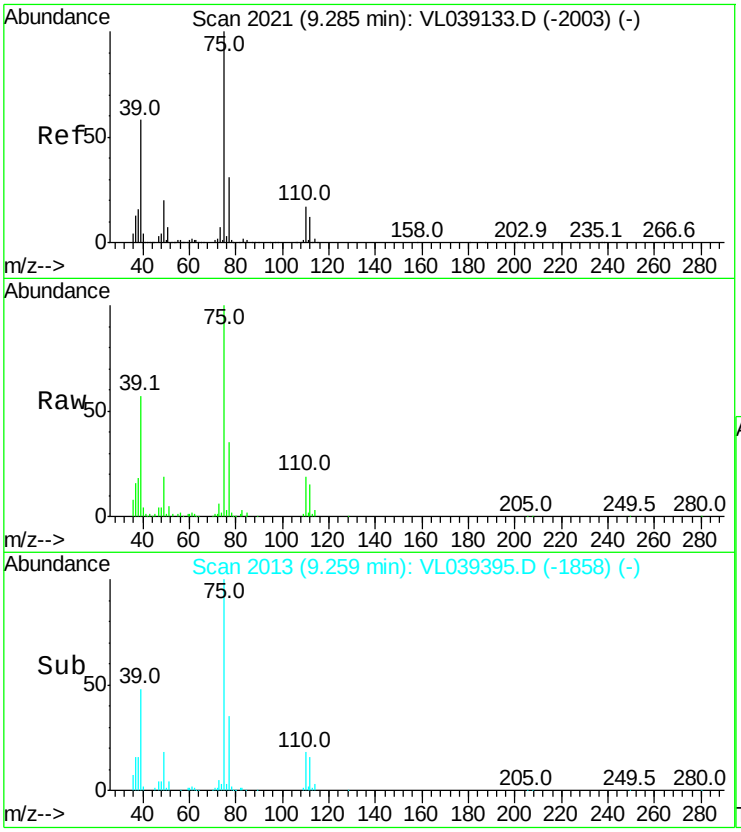


#44
2,2,4-Trimethylpentane
Concen: 2.00 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 57 Resp: 1054789

Ion	Ratio	Lower	Upper
57	100		
41	34.7	27.4	41.2
56	30.8	24.5	36.7



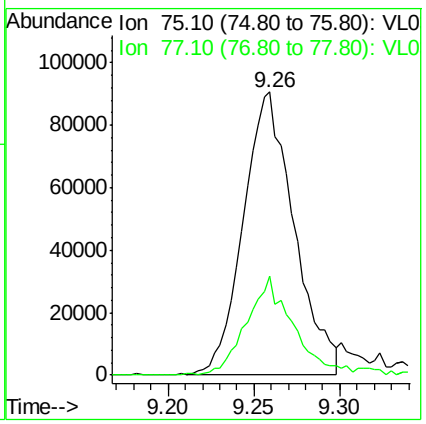


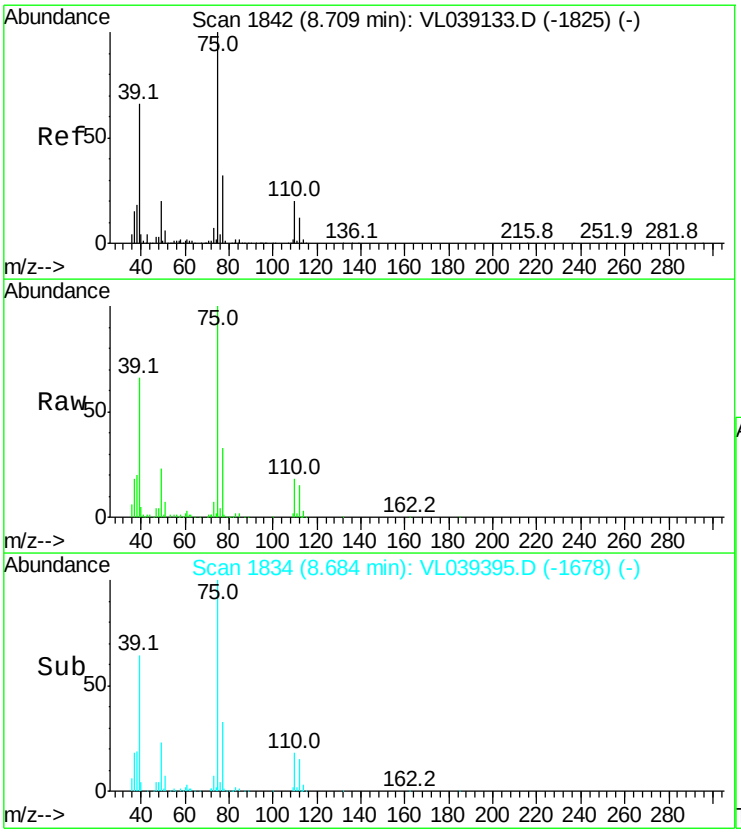
#45
t-1,3-Dichloropropene
Concen: 1.52 ppbv
RT: 9.26
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 185452

Ion	Ratio	Lower	Upper
75	100		
77	34.8	24.6	36.8

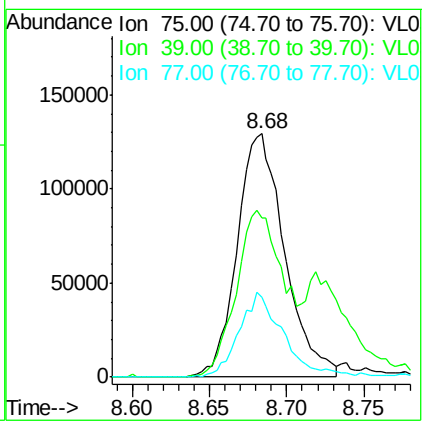


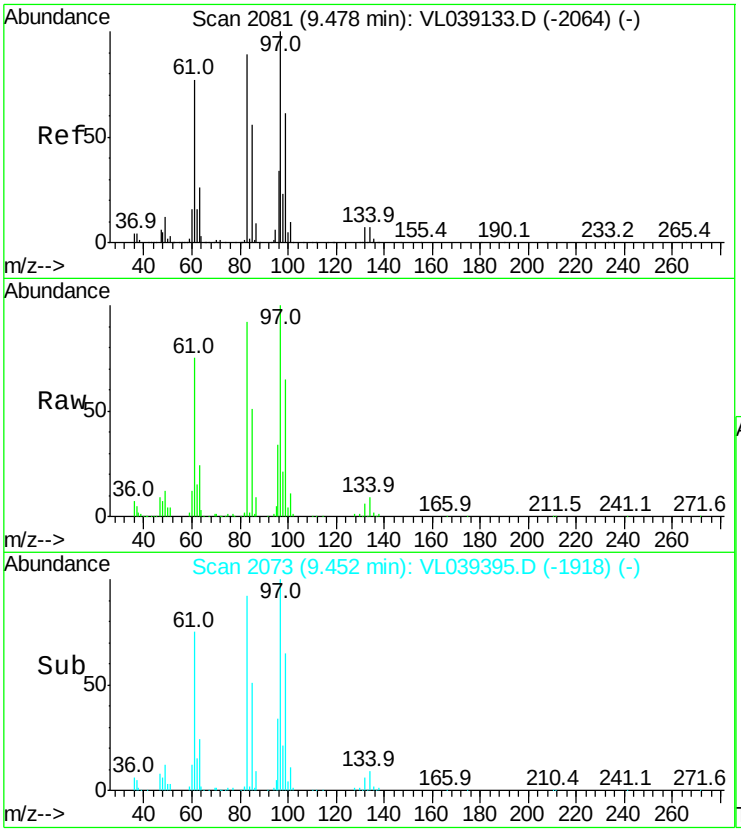


#46
cis-1,3-Dichloropropene
Concen: 1.71 ppbv
RT: 8.68 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 75 Resp: 276152

Ion	Ratio	Lower	Upper
75	100		
39	65.3	55.0	82.4
77	32.7	25.7	38.5



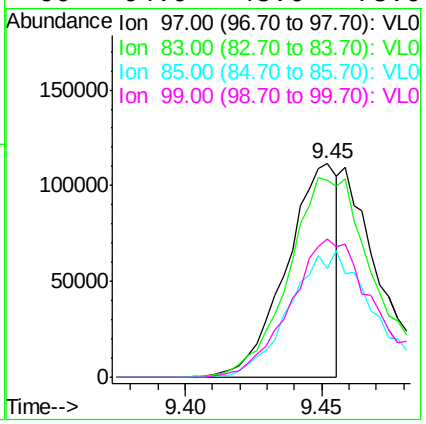


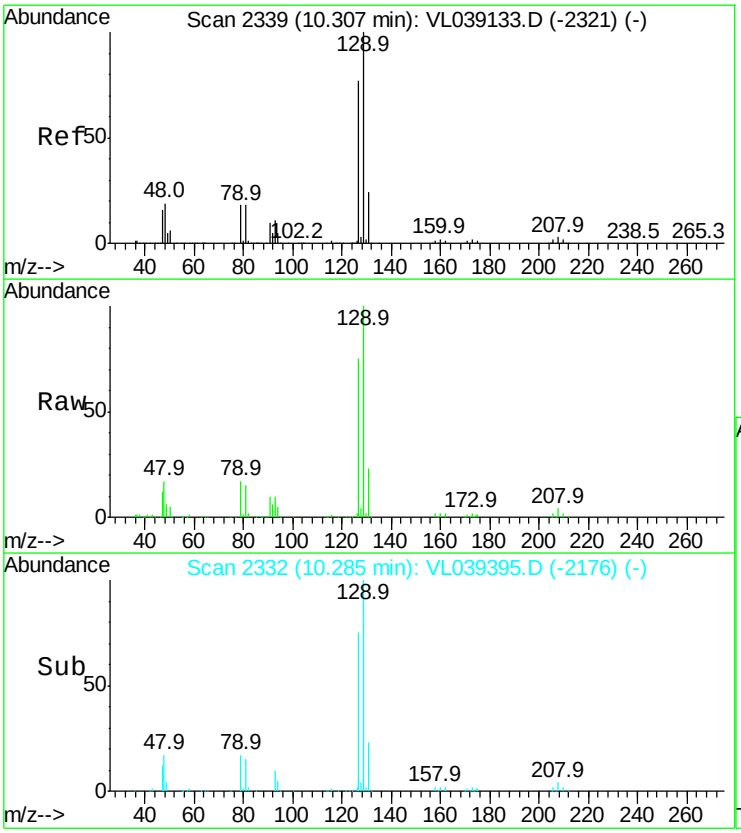
#47
1,1,2-Trichloroethane
Concen: 1.15 ppbv
RT: 9.45
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 144301

Ion	Ratio	Lower	Upper
97	100		
83	92.4	67.4	101.0
85	50.7	45.1	67.7
99	64.9	48.6	73.0

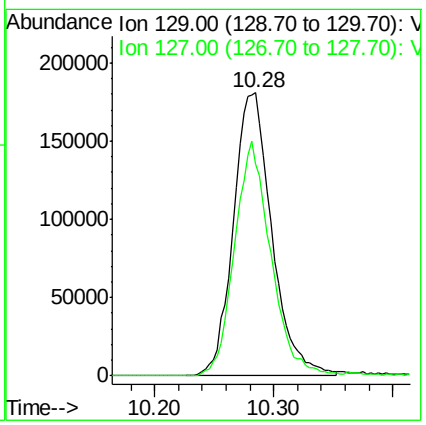


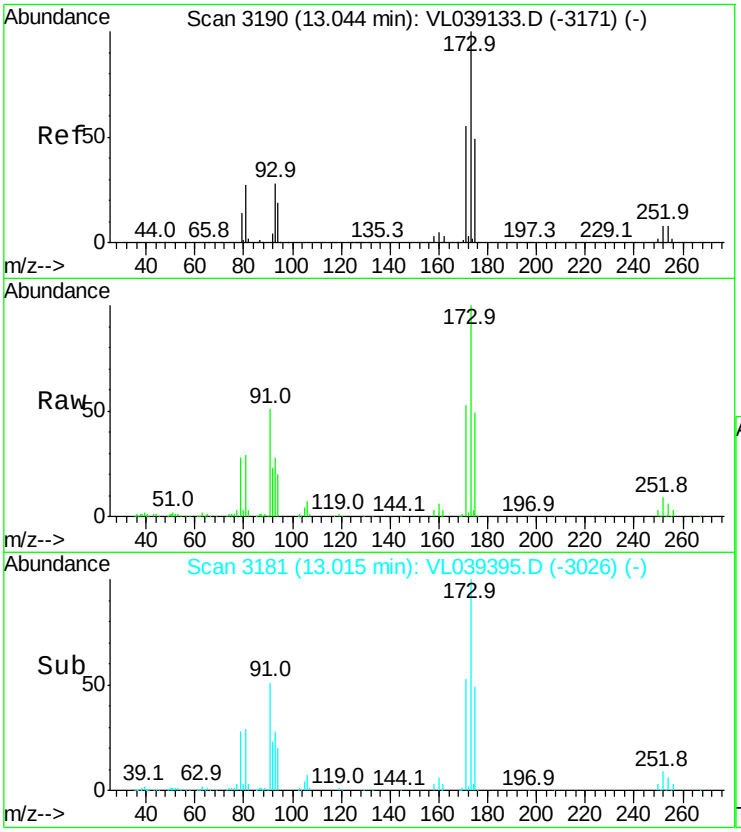


#48
Dibromochloromethane
Concen: 1.81 ppbv
RT: 10.28 min Scan# 2332
Delta R.T. 0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:129 Resp: 405359

Ion	Ratio	Lower	Upper
129	100		
127	79.4	39.3	117.9



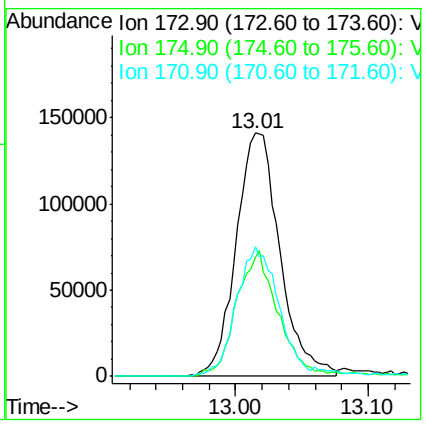


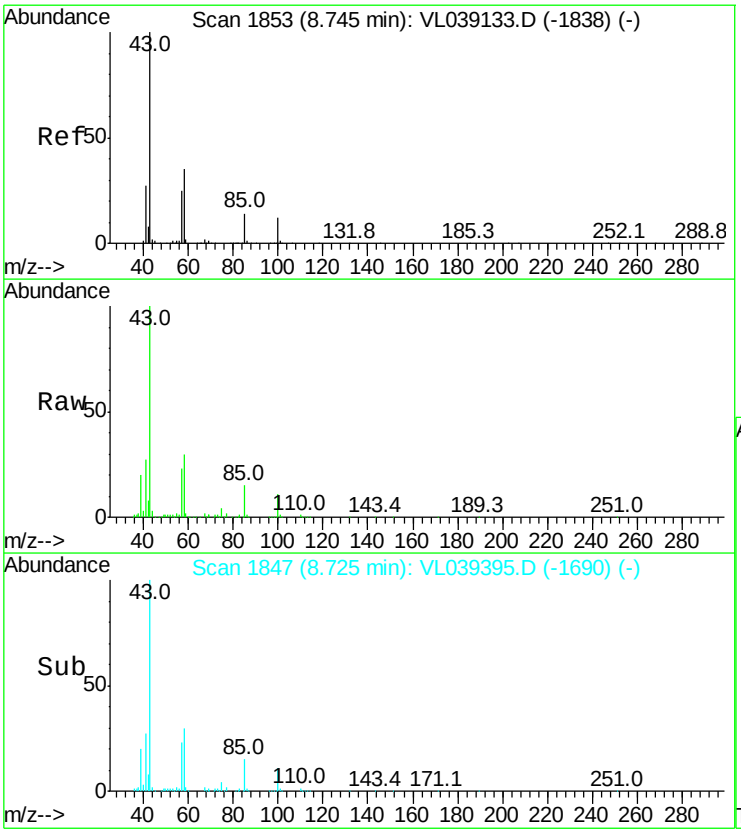
#49
Bromoform
Concen: 1.74 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 323673

Ion	Ratio	Lower	Upper
173	100		
175	50.2	40.3	60.5
171	53.5	42.9	64.3

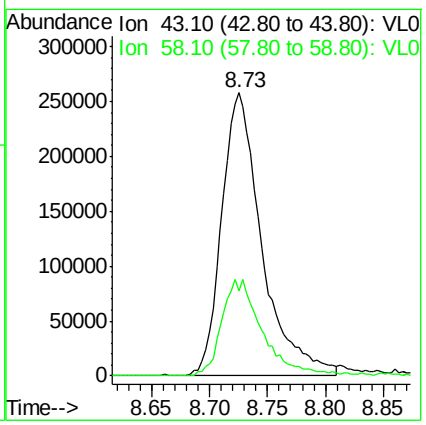


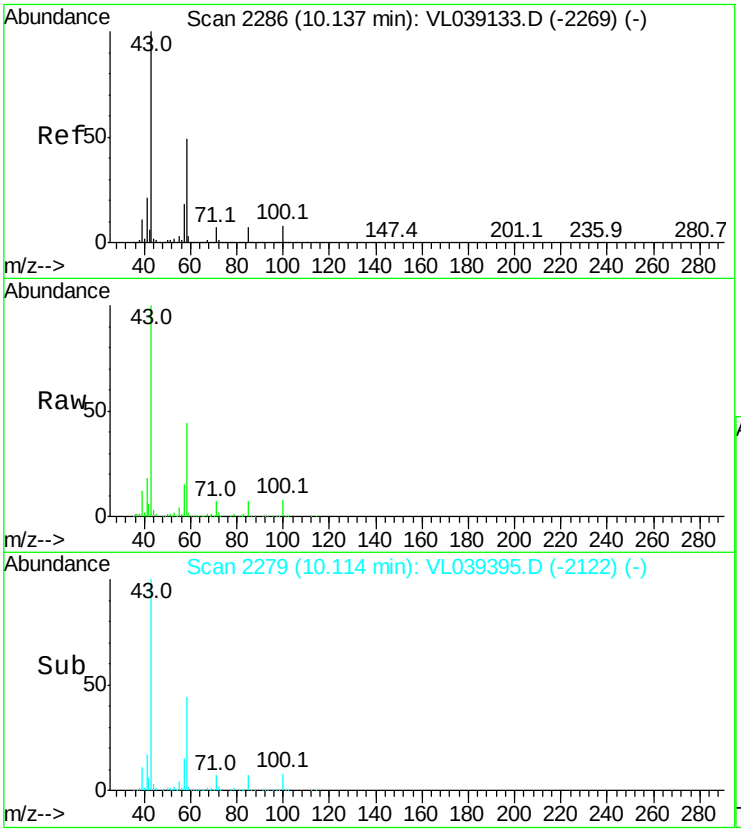


#50
4-Methyl-2-Pentanone
Concen: 2.04 ppbv
RT: 8.73 min Scan# 1847
Delta R.T. 0.01 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 43 Resp: 617699

Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.8	43.2



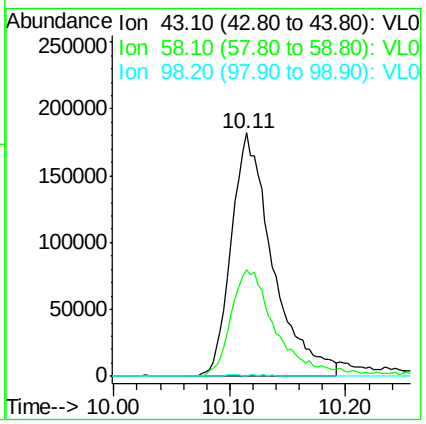


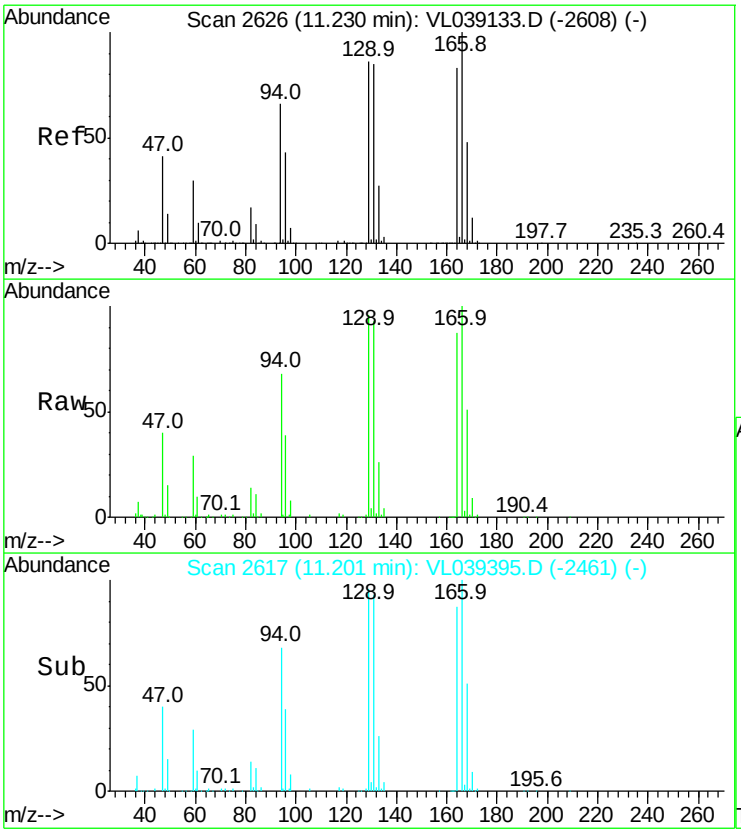
#51
2-Hexanone
Concen: 1.92 ppbv
RT: 10.11
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 450440

Ion	Ratio	Lower	Upper
43	100		
58	48.0	38.4	57.6
98	0.4	0.3	0.5

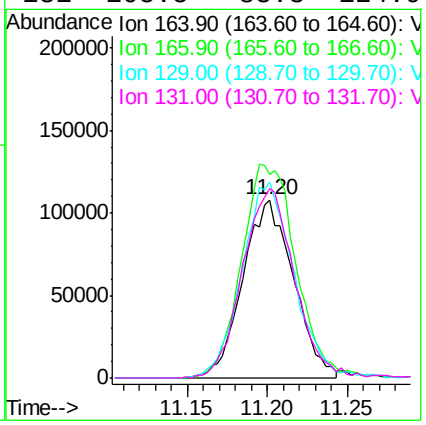


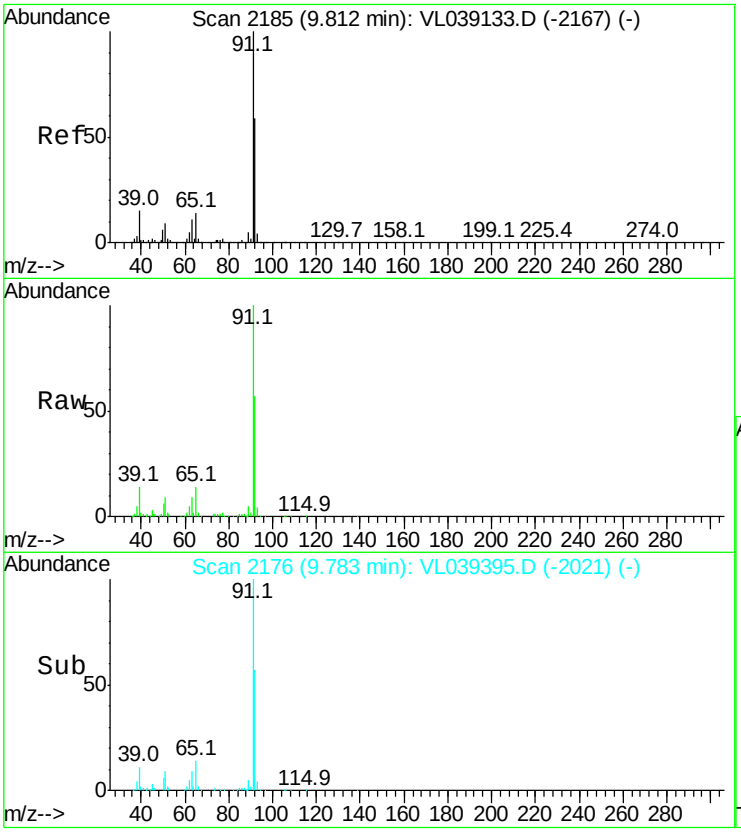


#52
Tetrachloroethene
Concen: 2.00 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. 0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:164 Resp: 235016

Ion	Ratio	Lower	Upper
164	100		
166	114.1	102.2	153.2
129	109.3	85.8	128.8
131	105.5	83.3	124.9



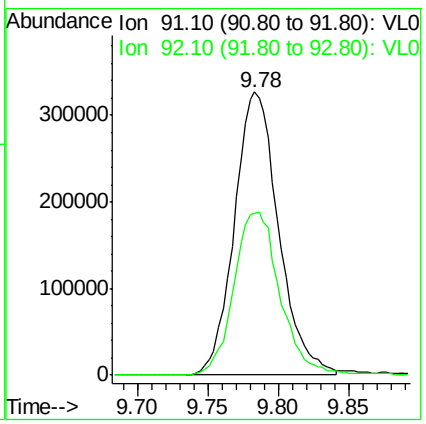


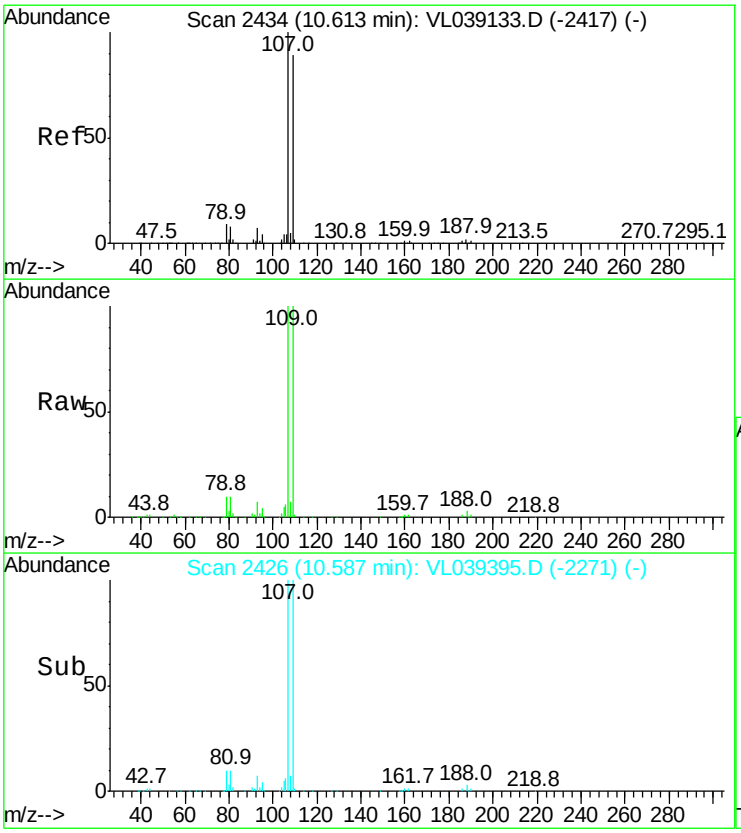
#53
Toluene
Concen: 2.06 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 714532

Ion	Ratio	Lower	Upper
91	100		
92	60.7	48.2	72.2

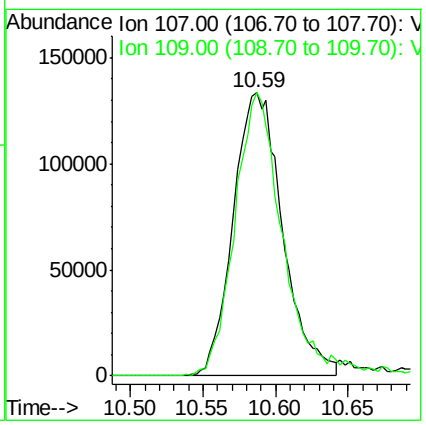


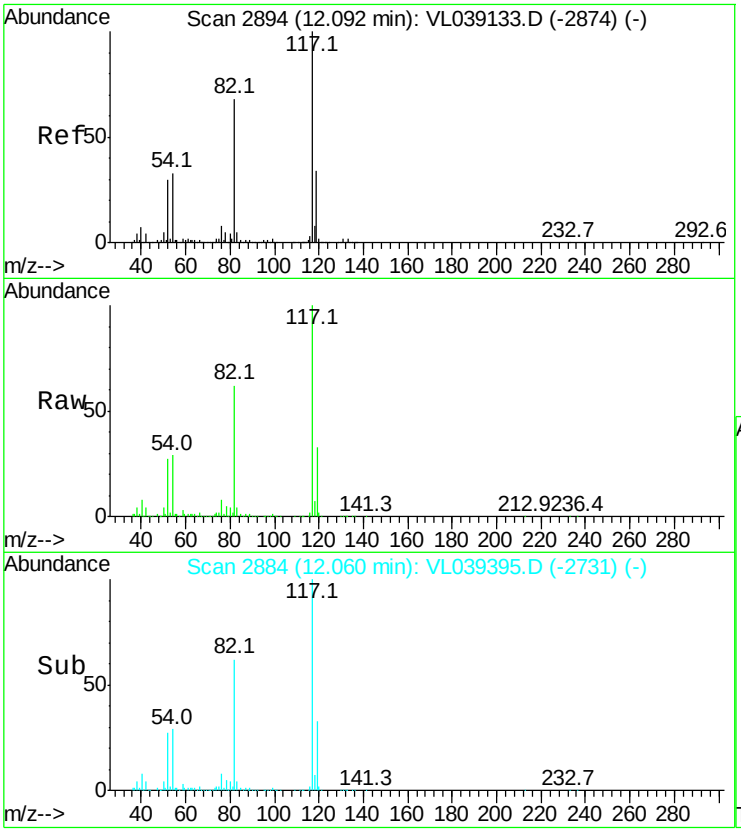


#54
1,2-Dibromoethane
Concen: 1.88 ppbv
RT: 10.59 min Scan# 2426
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:107 Resp: 315720

Ion	Ratio	Lower	Upper
107	100		
109	99.8	74.8	112.2



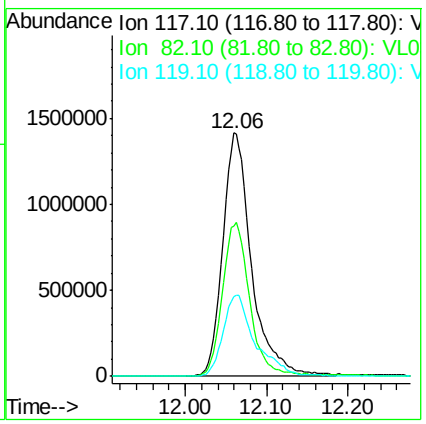


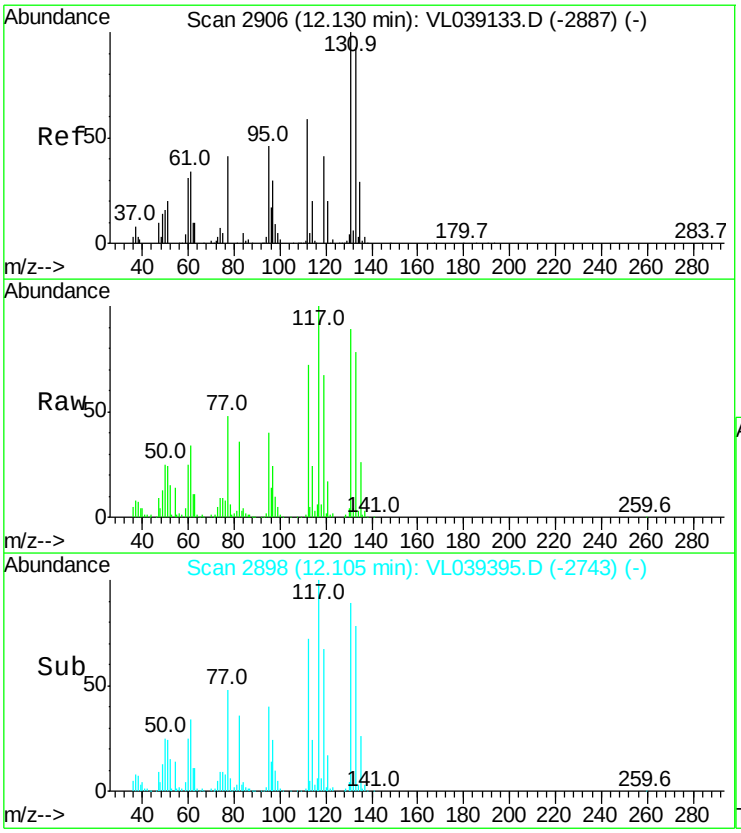
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 3537494

Ion	Ratio	Lower	Upper
117	100		
82	60.4	50.8	76.2
119	37.5	24.1	36.1#

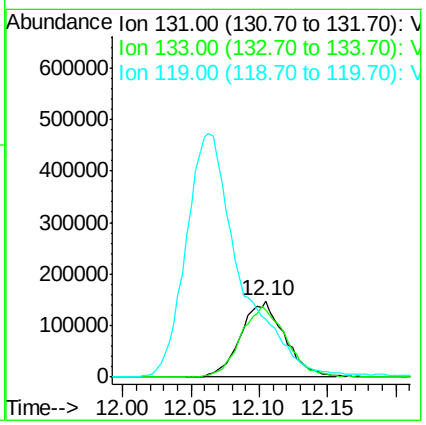


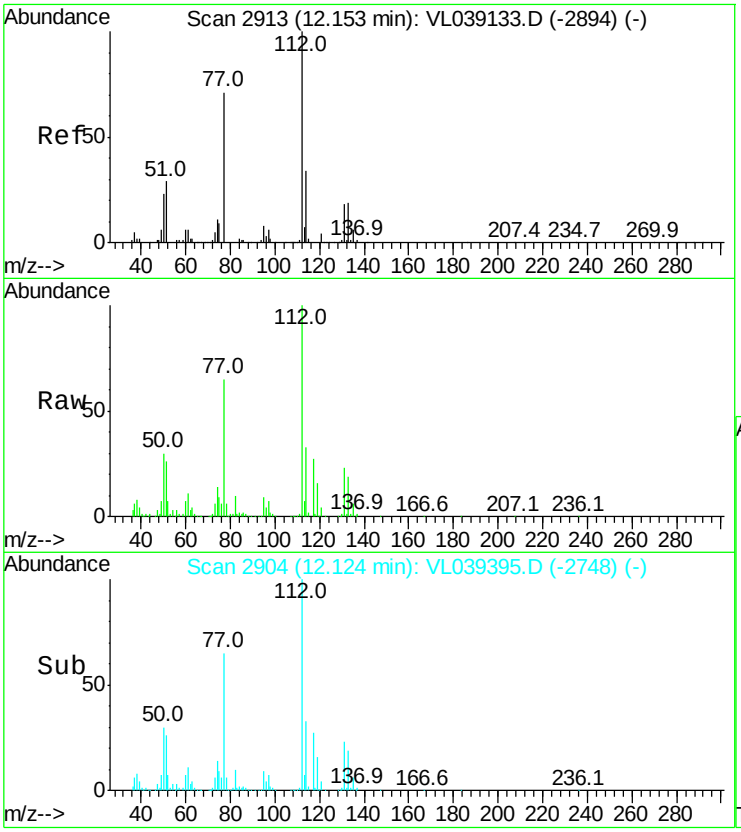


#56
1,1,1,2-Tetrachloroethane
Concen: 1.95 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:131 Resp: 326051

Ion	Ratio	Lower	Upper
131	100		
133	98.2	76.8	115.2
119	405.6	46.2	69.4#



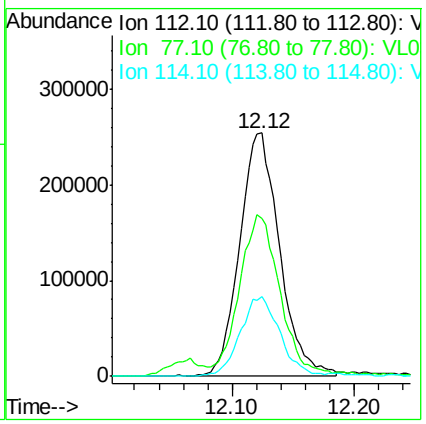


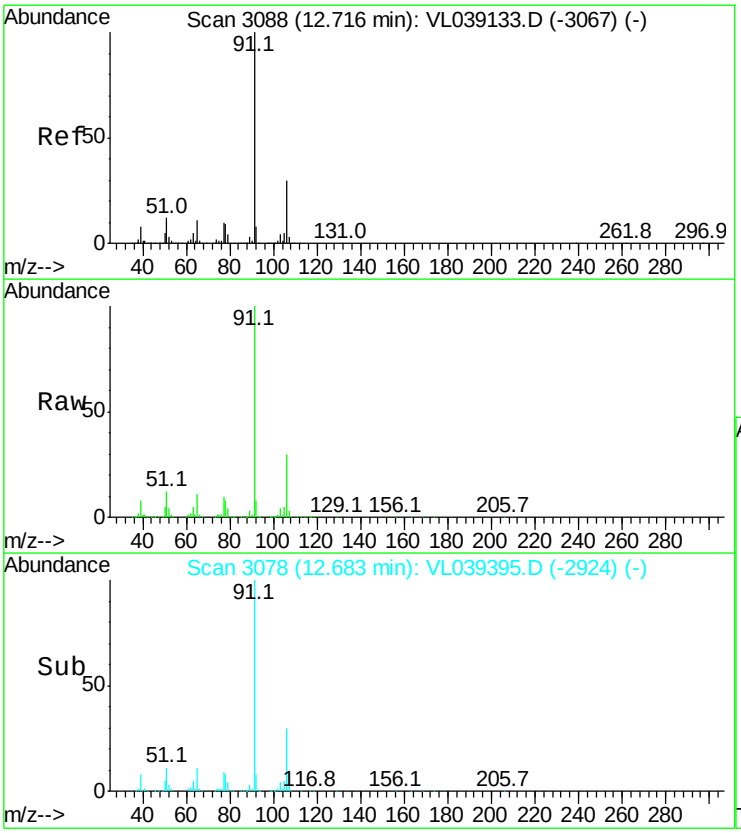
#57
Chlorobenzene
Concen: 2.16 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 575491

Ion	Ratio	Lower	Upper
112	100		
77	63.1	51.0	76.4
114	32.4	27.5	33.6

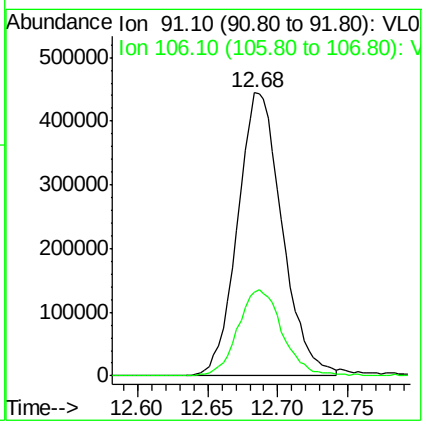


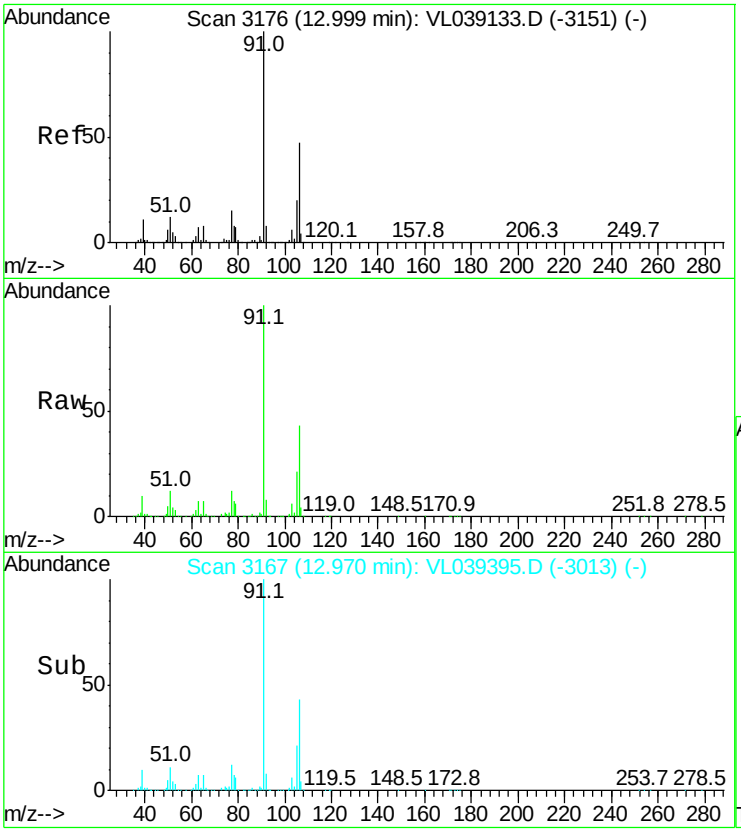


#58
Ethyl Benzene
Concen: 2.02 ppbv
RT: 12.68 min Scan# 3078
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 91 Resp: 982160

Ion	Ratio	Lower	Upper
91	100		
106	29.5	25.4	38.0



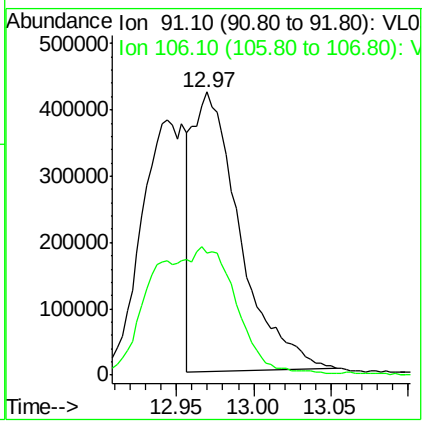


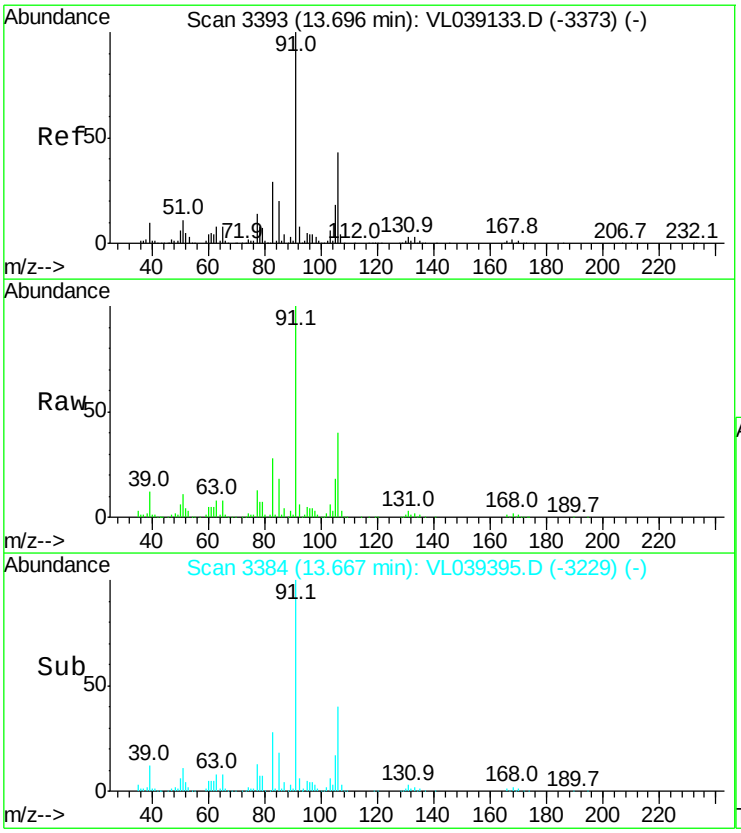
#59
m/p-Xylene
Concen: 2.09 ppbv
RT: 12.97
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 895707

Ion	Ratio	Lower	Upper
91	100		
106	83.3	35.4	53.2#

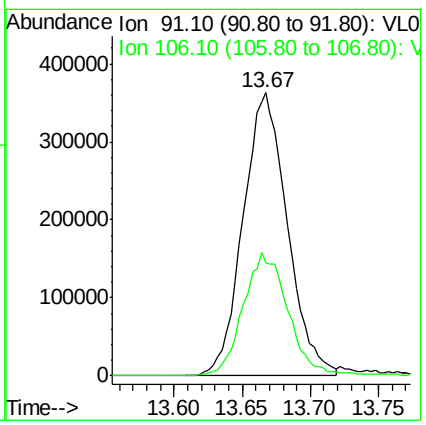


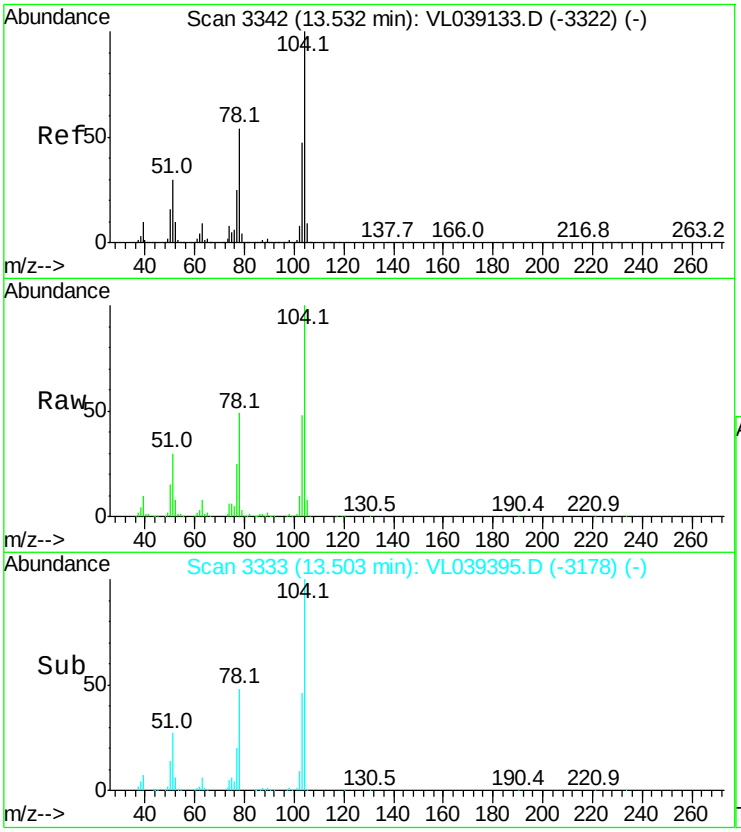


#60
o-Xylene
Concen: 2.02 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 91 Resp: 813320

Ion	Ratio	Lower	Upper
91	100		
106	44.8	22.4	67.3



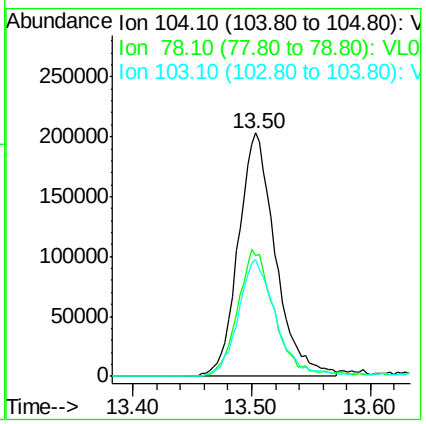


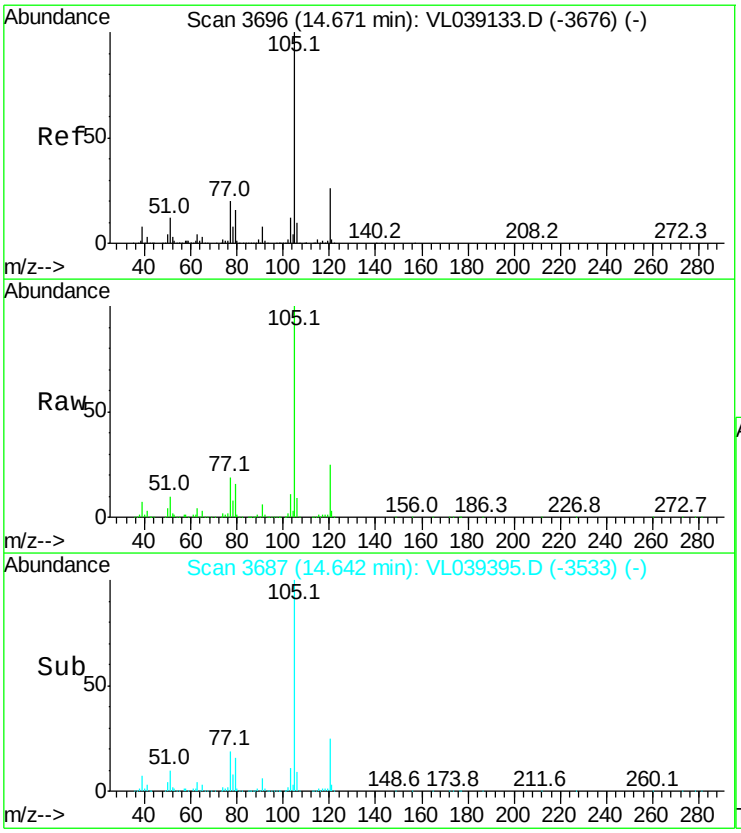
#61
Styrene
Concen: 2.03 ppbv
RT: 13.50
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:104 Resp: 438580

Ion	Ratio	Lower	Upper
104	100		
78	52.6	41.2	61.8
103	48.9	38.7	58.1

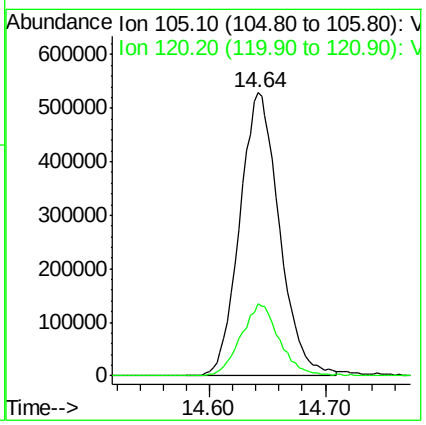


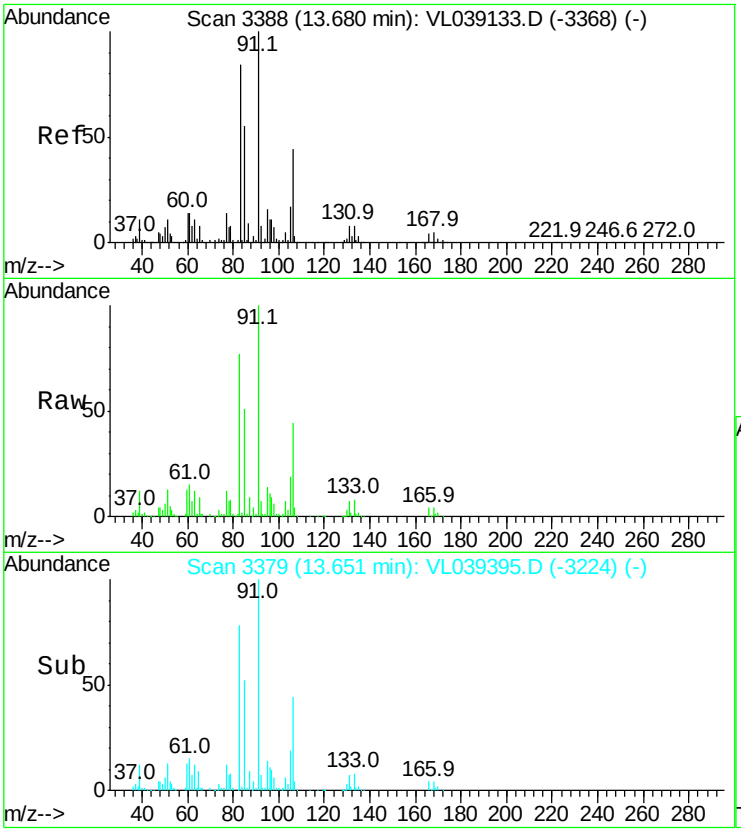


#62
Isopropylbenzene
Concen: 2.09 ppbv
RT: 14.64 min Scan# 3687
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:105 Resp: 1255465

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.7	31.1



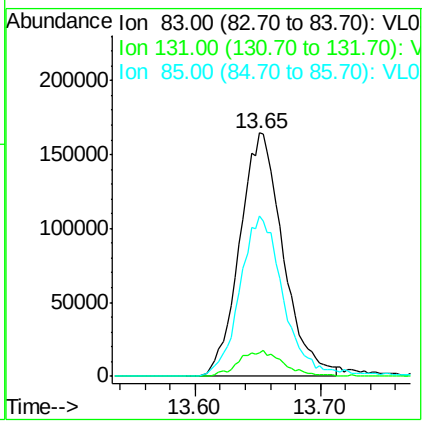


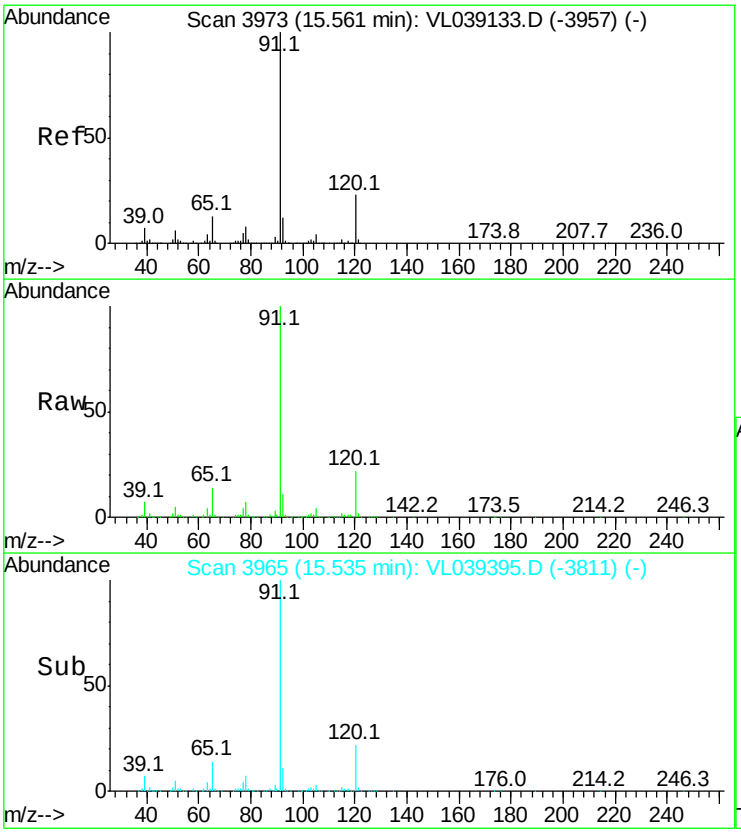
#63
1,1,2,2-Tetrachloroethane
Concen: 1.75 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 395955

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.3	15.8
85	67.1	33.1	99.5

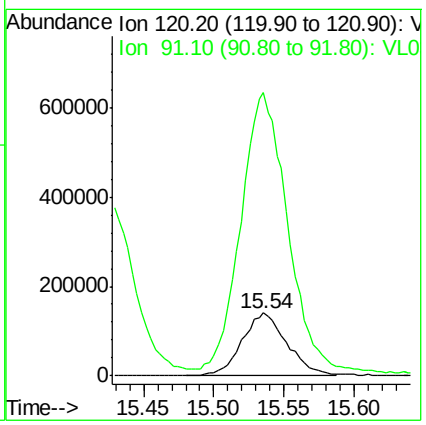


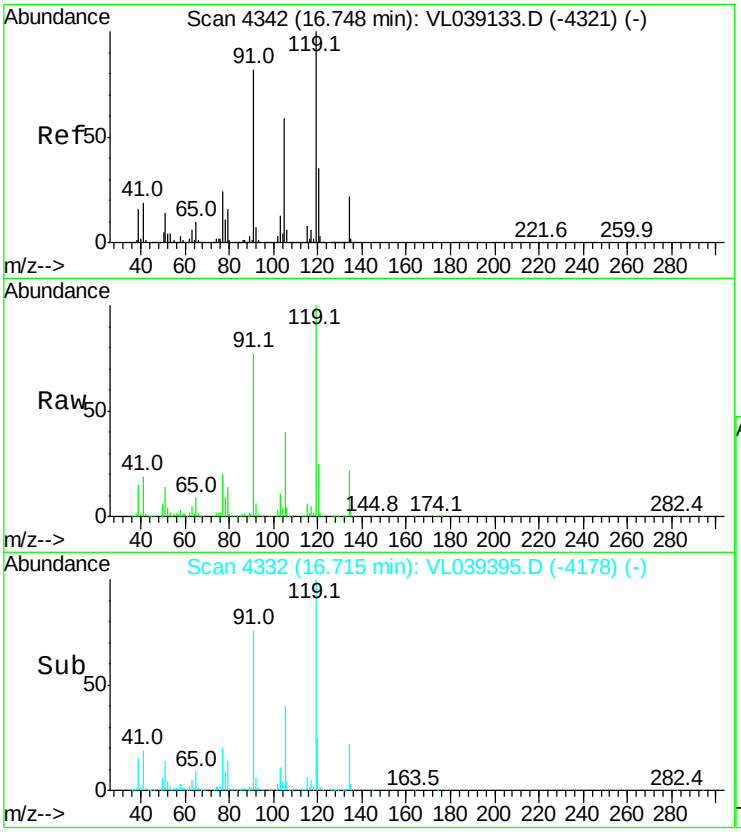


#64
n-propylbenzene
Concen: 2.12 ppbv
RT: 15.54 min Scan# 3965
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:120 Resp: 312779

Ion	Ratio	Lower	Upper
120	100		
91	487.5	367.2	550.8



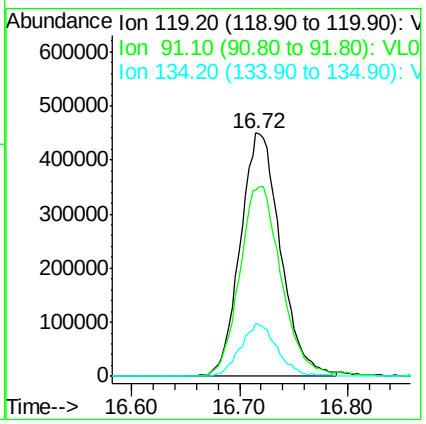


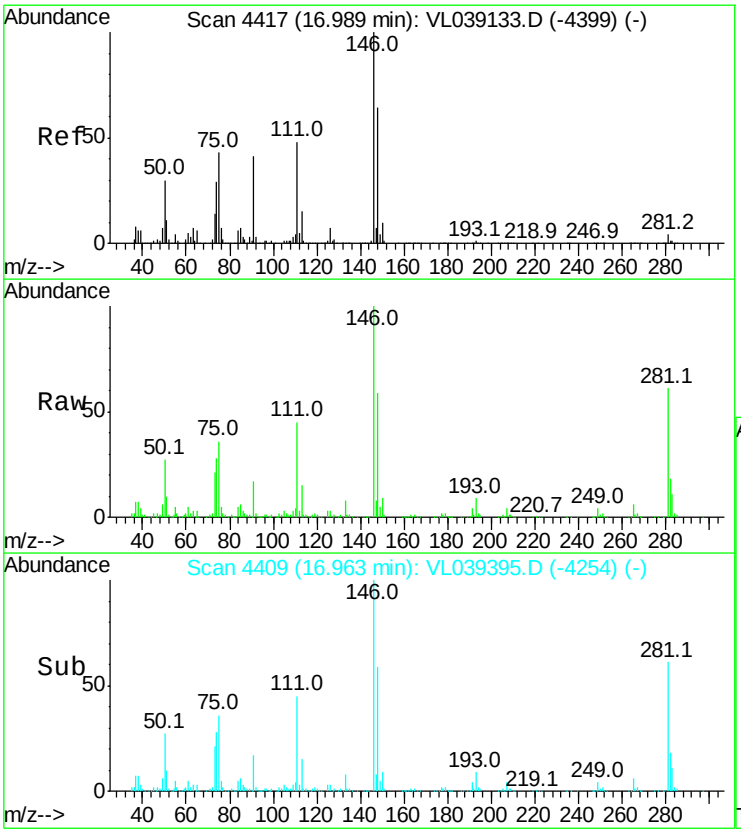
#65
tert-Butylbenzene
Concen: 2.12 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1163860

Ion	Ratio	Lower	Upper
119	100		
91	81.3	63.4	95.2
134	20.2	15.9	23.9

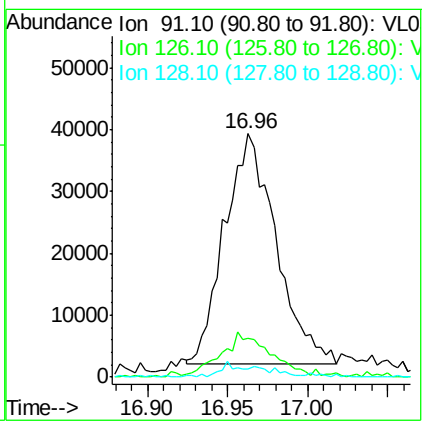


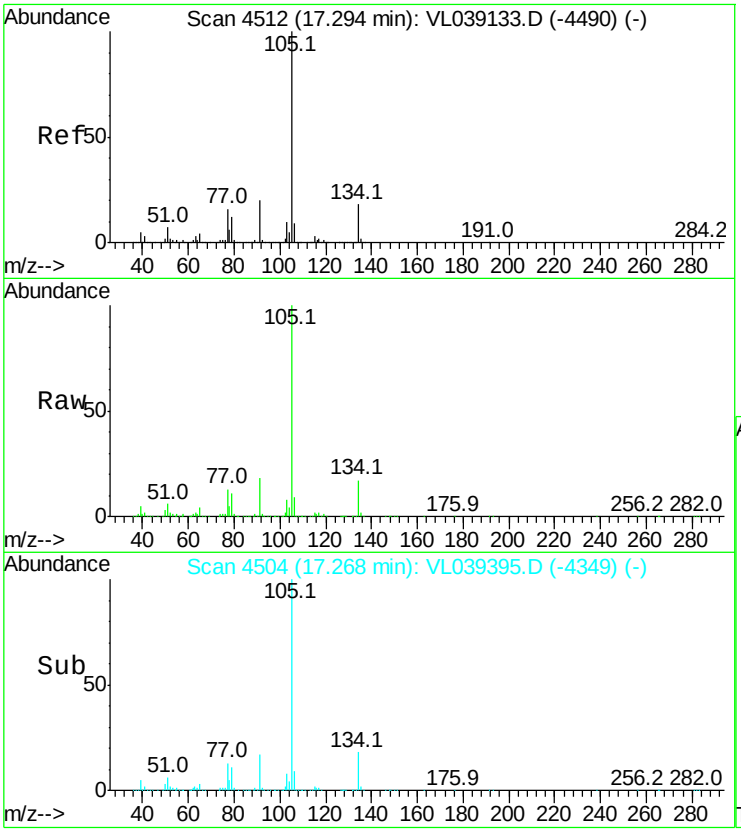


#66
Benzyl Chloride
Concen: 1.14 ppbv
RT: 16.96 min Scan# 4409
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 91 Resp: 81486

Ion	Ratio	Lower	Upper
91	100		
126	20.1	13.1	19.7#
128	5.8	4.4	6.6



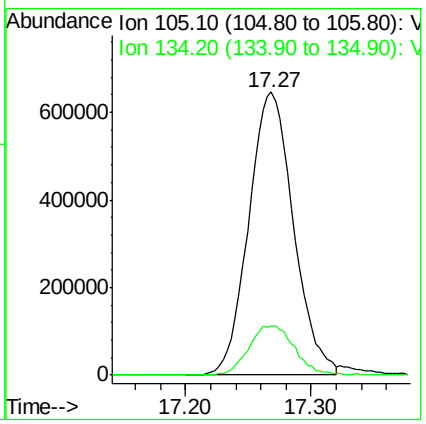


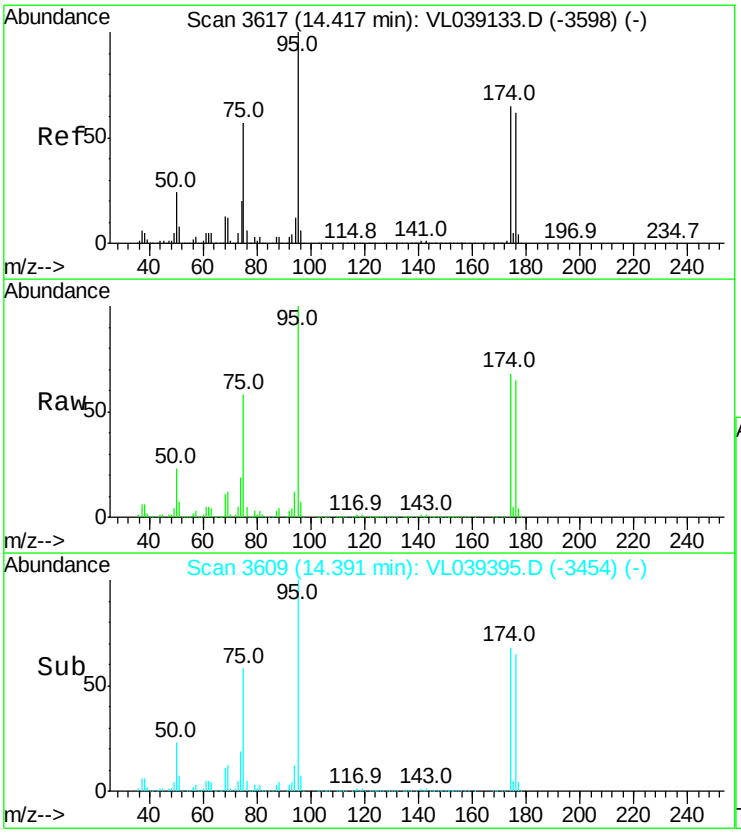
#67
sec-Butylbenzene
Concen: 2.14 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1600588

Ion	Ratio	Lower	Upper
105	100		
134	18.2	14.8	22.2

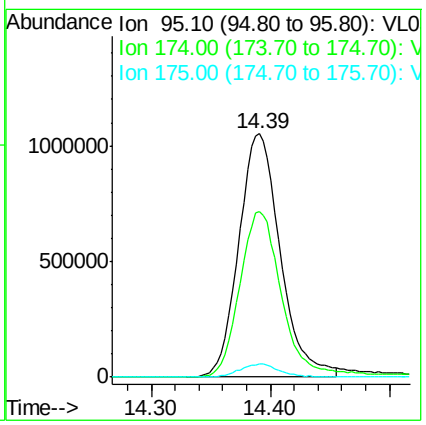


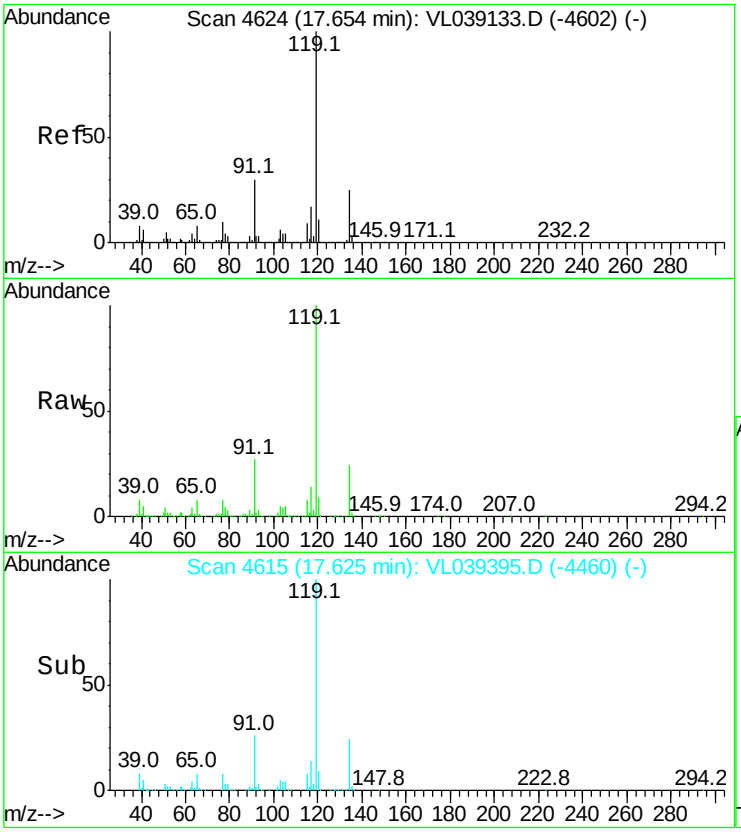


#68
1-Bromo-4-Fluorobenzene
Concen: 8.68 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 95 Resp: 2537765

Ion	Ratio	Lower	Upper
95	100		
174	71.2	55.9	83.9
175	5.2	4.2	6.4



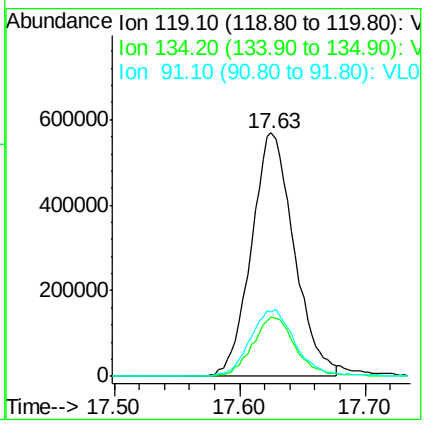


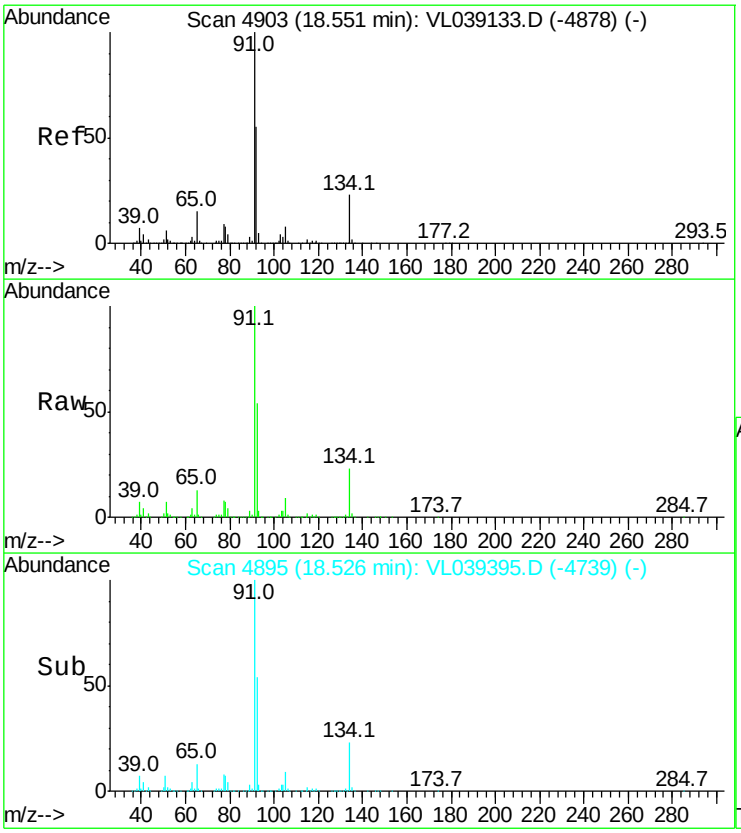
#69
p-Isopropyltoluene
Concen: 2.14 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1346946

Ion	Ratio	Lower	Upper
119	100		
134	24.9	20.3	30.5
91	29.2	22.9	34.3

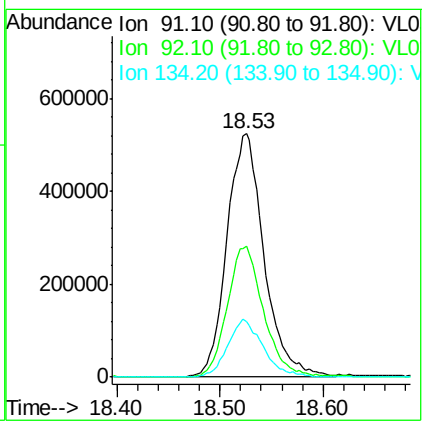


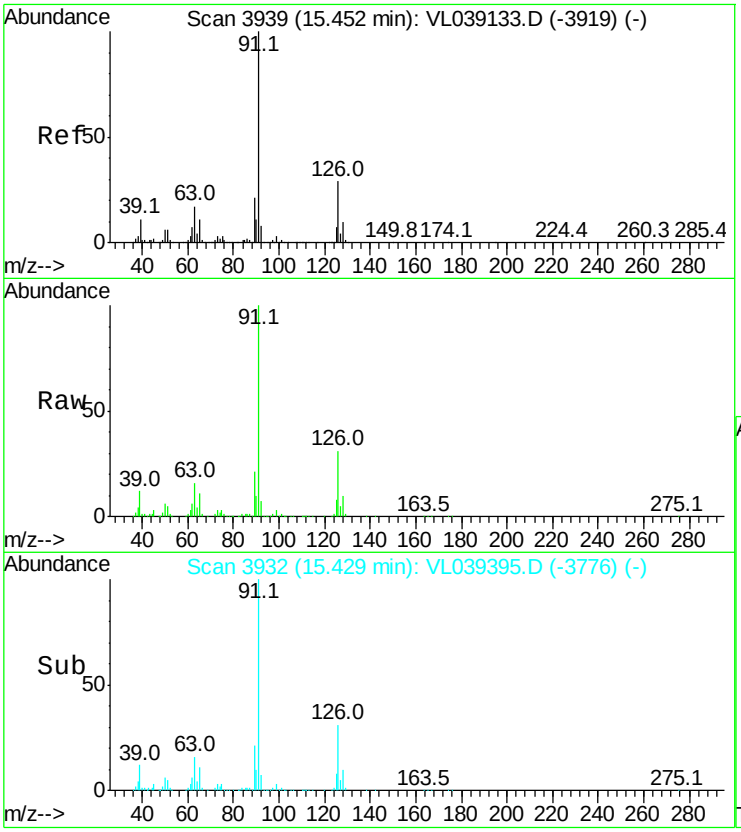


#70
n-Butylbenzene
Concen: 2.02 ppbv
RT: 18.53 min Scan# 4895
Delta R.T. 0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion: 91 Resp: 1305235

Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.4	65.2
134	23.0	18.9	28.3



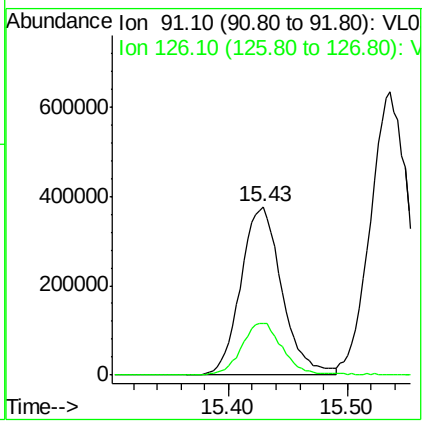


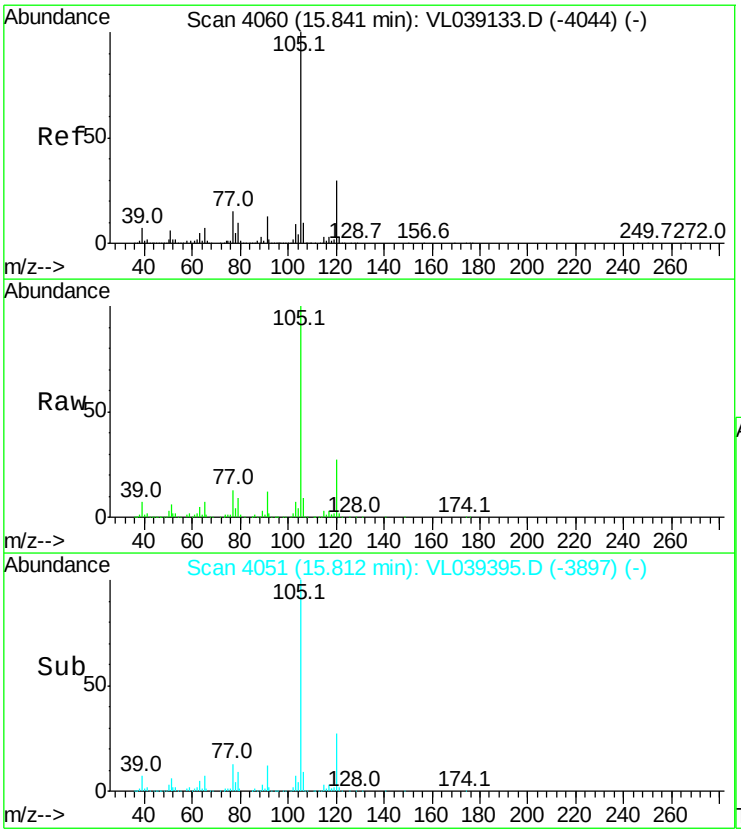
#71
2-Chlorotoluene
Concen: 1.96 ppbv
RT: 15.43
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 896405

Ion	Ratio	Lower	Upper
91	100		
126	31.9	13.0	51.8

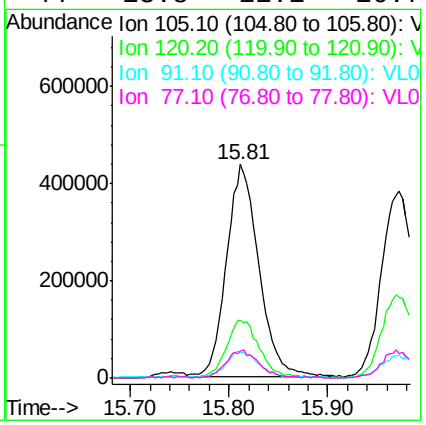


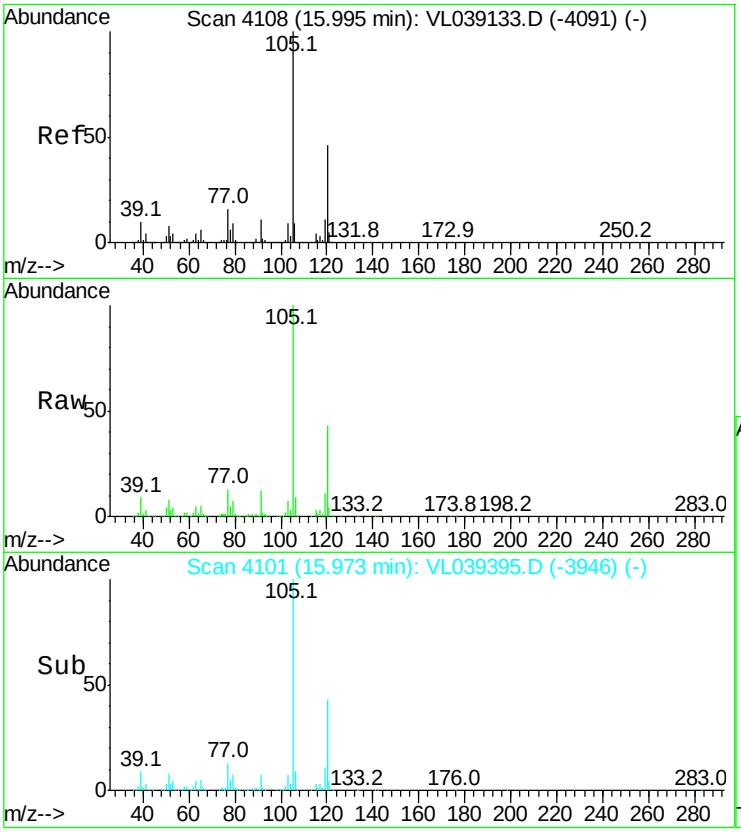


#72
4-Ethyltoluene
Concen: 2.10 ppbv
RT: 15.81 min Scan# 4051
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:105 Resp: 990189

Ion	Ratio	Lower	Upper
105	100		
120	28.1	24.2	36.2
91	12.7	10.2	15.4
77	13.8	11.1	16.7



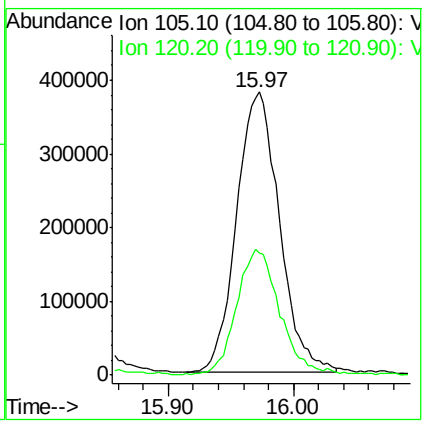


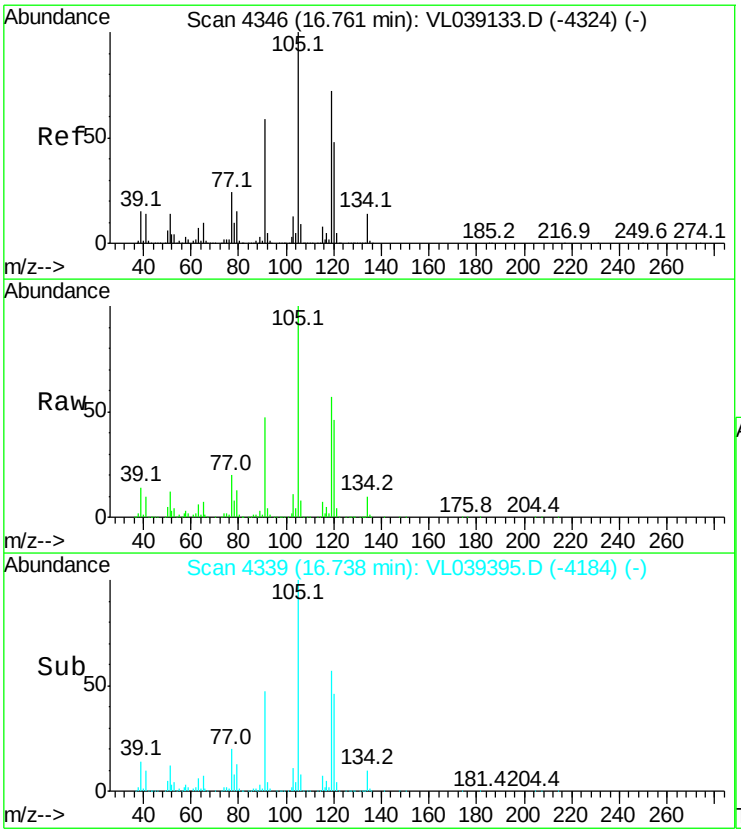
#73
1,3,5-Trimethylbenzene
Concen: 2.12 ppbv
RT: 15.97
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 903062

Ion	Ratio	Lower	Upper
105	100		
120	42.6	38.2	57.4

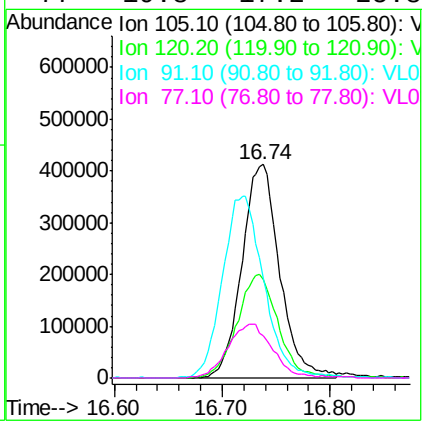


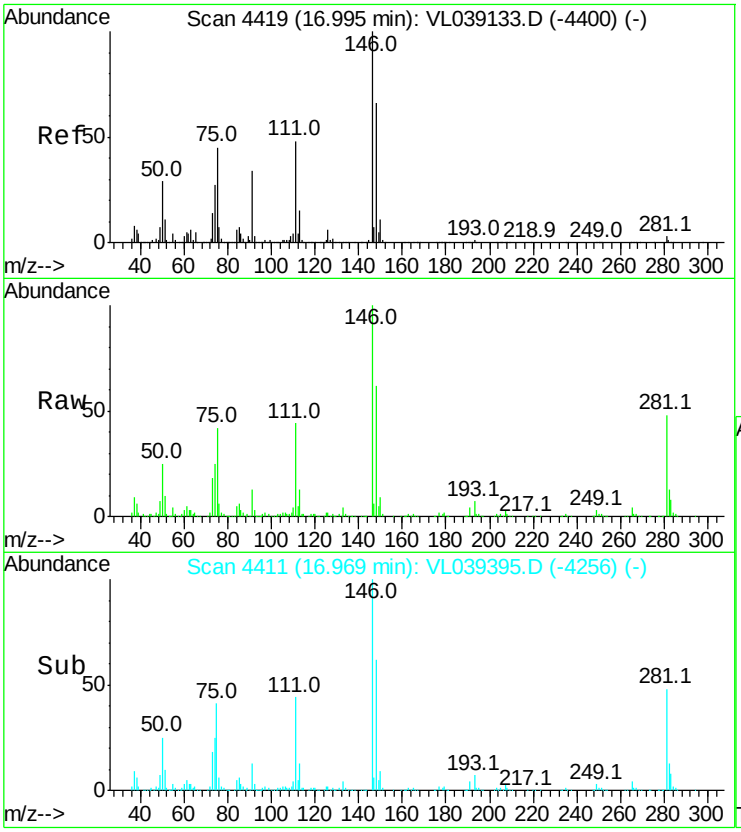


#74
1,2,4-Trimethylbenzene
Concen: 2.11 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:105 Resp: 1003488

Ion	Ratio	Lower	Upper
105	100		
120	45.7	39.5	59.3
91	46.4	39.2	58.8
77	19.8	17.2	25.8



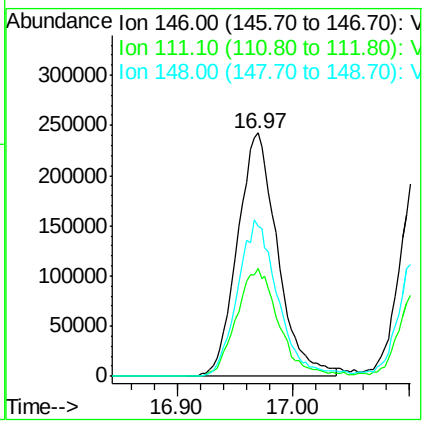


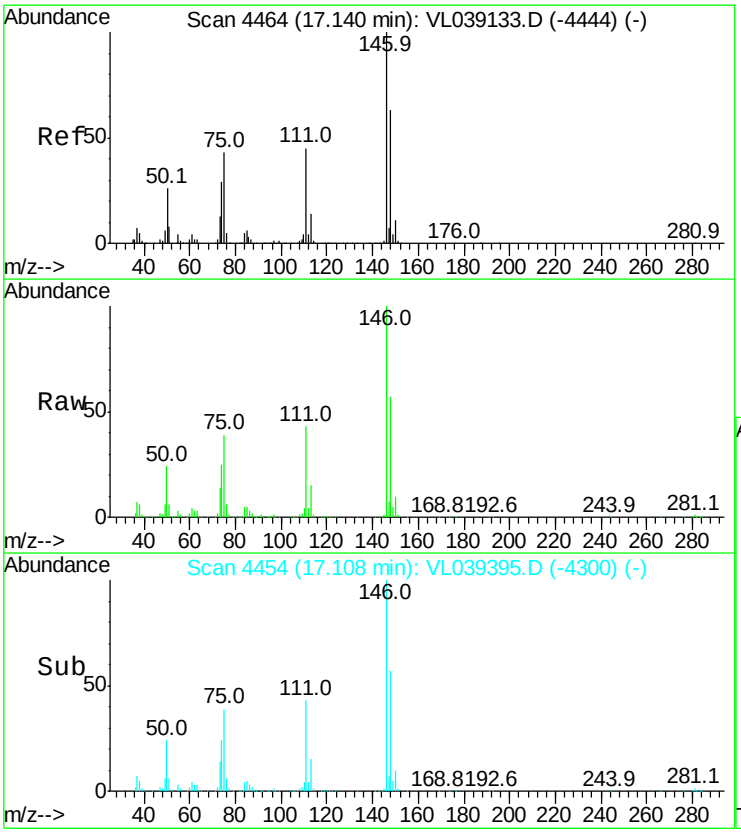
#75
1,3-Dichlorobenzene
Concen: 2.17 ppbv
RT: 16.97
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 584252

Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.9	68.7
148	64.5	32.1	96.5

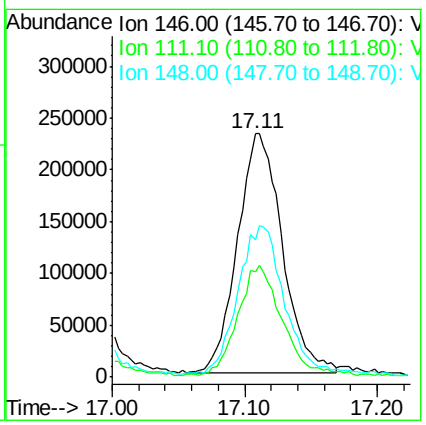


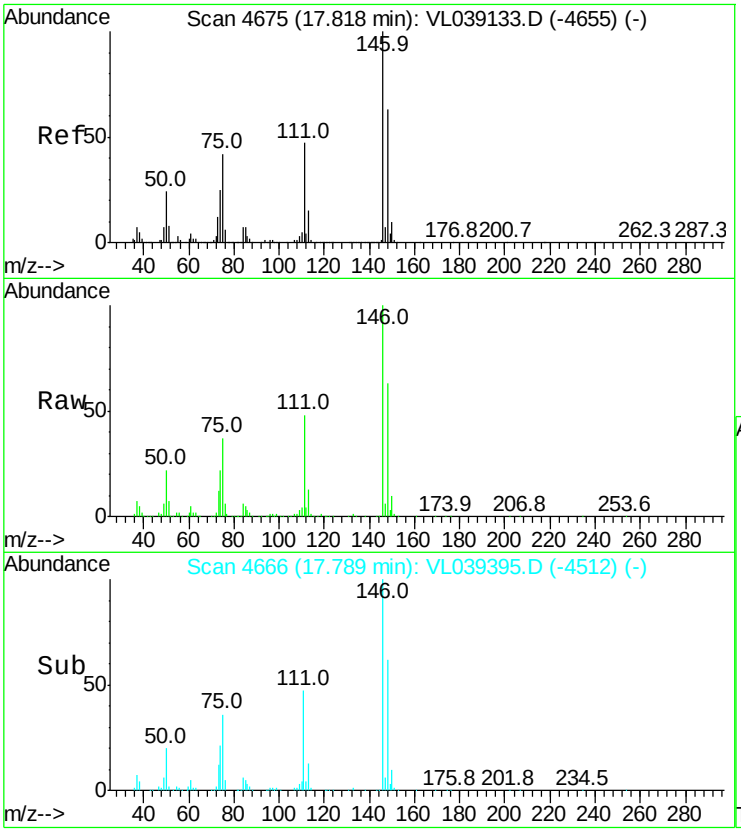


#76
1,4-Dichlorobenzene
Concen: 2.02 ppbv
RT: 17.11 min Scan# 4454
Delta R.T. -0.00 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:146 Resp: 542516

Ion	Ratio	Lower	Upper
146	100		
111	48.2	22.9	68.8
148	68.7	33.6	100.8



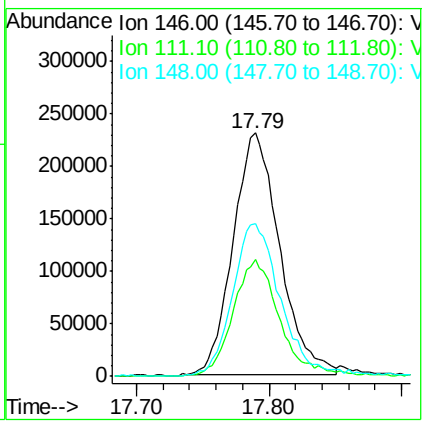


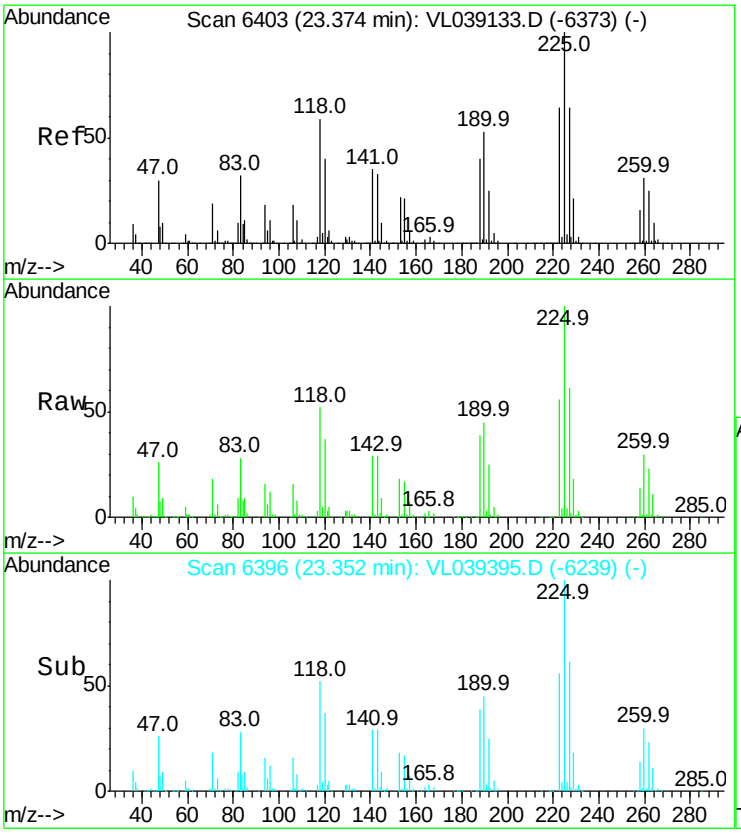
#77
1,2-Dichlorobenzene
Concen: 2.06 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 558776

Ion	Ratio	Lower	Upper
146	100		
111	48.9	23.8	71.5
148	66.5	32.3	96.8

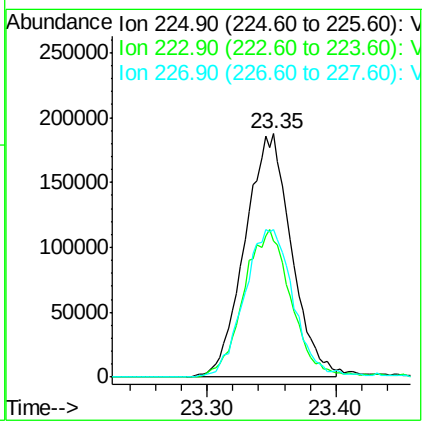


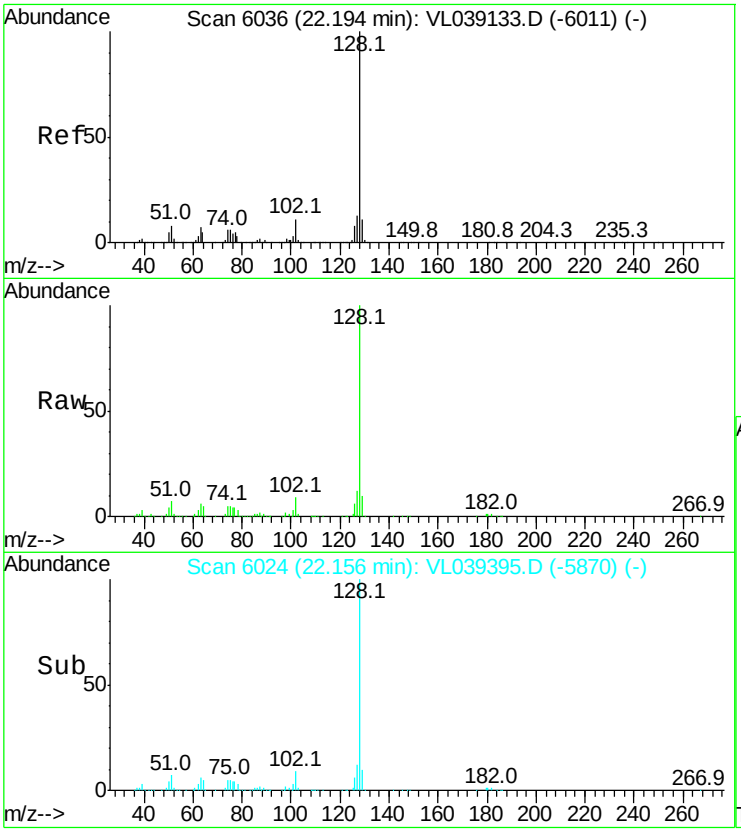


#78
Hexachloro-1,3-Butadiene
Concen: 1.90 ppbv
RT: 23.35 min Scan# 6396
Delta R.T. 0.01 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:225 Resp: 470908

Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.8	77.6
227	63.9	51.4	77.2



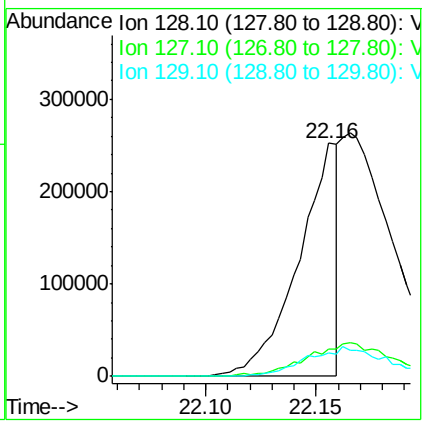


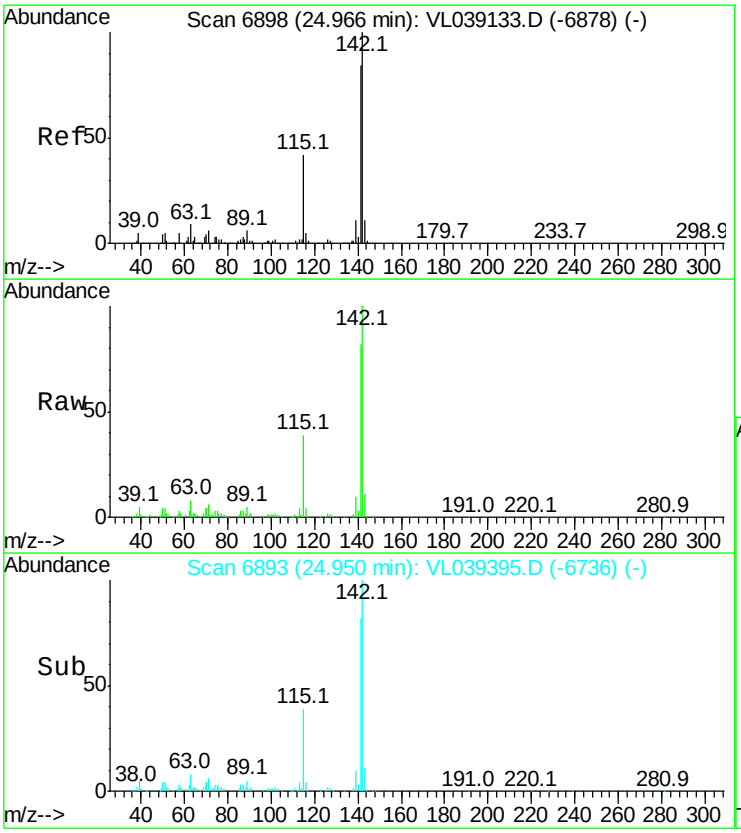
#79
Naphthalene
Concen: 0.85 ppbv
RT: 22.16
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 312180

Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.6	15.8
129	9.9	8.8	13.2

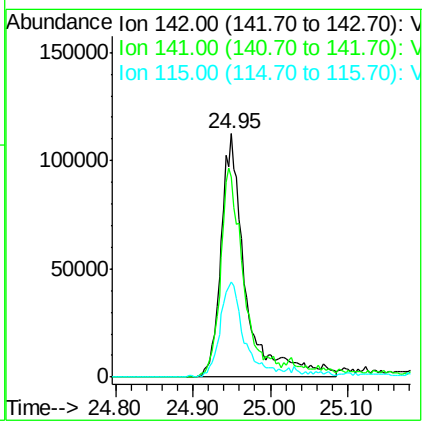


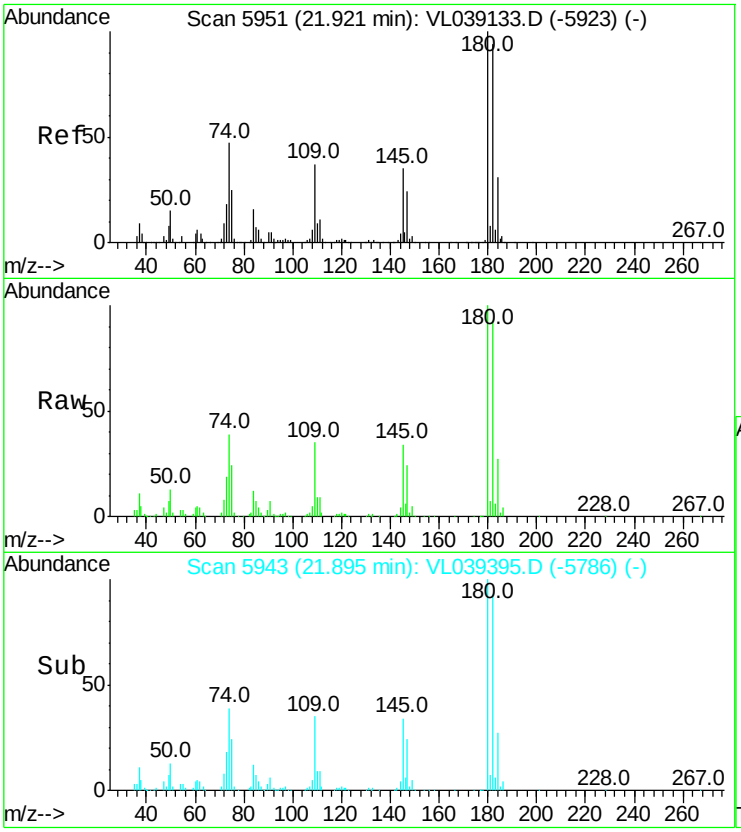


#80
Naphthalene,2-methyl-
Concen: 1.83 ppbv
RT: 24.95 min Scan# 6893
Delta R.T. 0.01 min
Lab File: VL039395.D
Acq: 29 Jun 2022 12:27

Tgt Ion:142 Resp: 249495

Ion	Ratio	Lower	Upper
142	100		
141	80.2	68.9	103.3
115	39.3	30.0	45.0





#81
1,2,4-Trichlorobenzene
Concen: 1.88 ppbv
RT: 21.90
Delta R.T
Lab File:
Acq: 29 Jun 2022 12:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 435683

Ion	Ratio	Lower	Upper
180	100		
182	99.8	77.1	115.7
184	30.8	24.3	36.5