Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
Data File : VL039134.D
Acq On : 31 May 2022 16:54
Operator : SY/AP
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Quant Time: May 31 19:49:53 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 31 17:05:54 2022
QLast Update : Tue May 31 17:05:54 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1401984	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	3549434	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	3348661	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2614279	9.86	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	505252	2.30	ppbv		96
3) Chlorodifluoromethane	3.00	51	376268	2.16	ppbv		98
4) Chloromethane	3.15	50	197928	2.27	ppbv		97
5) Vinyl Chloride	3.27	62	175755	2.21	ppbv		96
6) Bromomethane	3.48	94	81223	2.16	ppbv		85
7) Chloroethane	3.57	64	61442	2.31	ppbv		90
8) Dichlorotetrafluoroethane	3.20	85	466074	2.34	ppbv		97
9) Propene	3.02	41	152942	2.01	ppbv		94
10) Heptane	8.13	43	389147	2.09	ppbv		99
11) Trichlorofluoromethane	3.96	101	453045	2.40	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	294609	2.27	ppbv		95
13) Ethanol	3.62	45	8212	1.53	ppbv	#	100
14) Bromoethene	3.75	108	141988	2.65	ppbv		95
15) Acetone	3.86	43	280261	2.12	ppbv		92
16) 1,3-Butadiene	3.34	39	163859	2.16	ppbv		96
17) tert-Butyl alcohol	4.29	59	215431	2.12	ppbv		99
18) 1,1-Dichloroethene	4.30	96	141900	2.54	ppbv		96
19) Isopropyl Alcohol	3.97	45	136317	2.17	ppbv	#	98
20) Methylene Chloride	4.35	84	134871	2.71	ppbv		92
21) Allyl Chloride	4.42	41	197777	2.19	ppbv		99
22) trans-1,2-Dichloroethene	4.89	96	127577	2.11	ppbv		98
23) Vinyl Acetate	5.08	43	246907	2.36	ppbv	#	97
24) 1,1-Dichloroethane	5.02	63	335211	2.78	ppbv		98
25) Ethyl Acetate	5.68	43	697657	2.20	ppbv		99
26) Hexane	5.69	57	320290	2.28	ppbv		97
27) Carbon Disulfide	4.56	76	303821	2.27	ppbv		99
28) Methyl tert-Butyl Ether	5.04	73	338971	3.17	ppbv		99
29) Chloroform	5.75	83	500467	2.20	ppbv		98
30) Cyclohexane	7.13	84	256292	2.18	ppbv		87
31) cis-1,2-Dichloroethene	5.56	61	296928	2.07	ppbv		94
32) 1,1,1-Trichloroethane	6.52	97	512364	2.25	ppbv		100
34) 2-Butanone	5.25	43	394753	2.18	ppbv		96
35) Carbon Tetrachloride	7.02	117	535028	2.29	ppbv		96
36) Benzene	6.90	78	611989	2.01	ppbv		98
37) 1,2-Dichloroethane	6.31	62	373677	1.99	ppbv		97
38) Trichloroethene	7.84	130	294643	2.18	ppbv		97
39) 1,2-Dichloropropane	7.62	63	239659	2.03	ppbv		95
40) 1,4-Dioxane	7.85	88	66698	1.57	ppbv	#	1
41) Tetrahydrofuran	6.06	42	119430	0.98	ppbv	#	35
42) Bromodichloromethane	7.79	83	555706	2.16	ppbv		98
43) Methyl Methacrylate	8.02	69	238259	1.93	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
Data File : VL039134.D
Acq On : 31 May 2022 16:54
Operator : SY/AP
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: May 31 19:49:53 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 31 17:05:54 2022
QLast Update : Tue May 31 17:05:54 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	1059815	1.99	ppbv		98
45) t-1,3-Dichloropropene	9.28	75	230827	1.93	ppbv		96
46) cis-1,3-Dichloropropene	8.70	75	316746	2.00	ppbv		97
47) 1,1,2-Trichloroethane	9.48	97	248744	2.02	ppbv		96
48) Dibromochloromethane	10.31	129	443510	2.22	ppbv		100
49) Bromoform	13.04	173	379561	2.49	ppbv		96
50) 4-Methyl-2-Pentanone	8.75	43	617495	1.94	ppbv		98
51) 2-Hexanone	10.14	43	433399	1.87	ppbv	#	95
52) Tetrachloroethene	11.23	164	232143	2.14	ppbv		96
53) Toluene	9.81	91	713272	2.10	ppbv		99
54) 1,2-Dibromoethane	10.62	107	327356	1.96	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.13	131	325734	2.22	ppbv	#	1
57) Chlorobenzene	12.15	112	522000	2.08	ppbv		94
58) Ethyl Benzene	12.71	91	980032	2.03	ppbv		98
59) m/p-Xylene	13.00	91	959568	2.33	ppbv	#	50
60) o-Xylene	13.69	91	809591	2.09	ppbv		97
61) Styrene	13.53	104	426779	2.06	ppbv		99
62) Isopropylbenzene	14.67	105	1199861	2.12	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.68	83	432946	1.90	ppbv		100
64) n-propylbenzene	15.56	120	134855	0.99	ppbv	#	1
65) tert-Butylbenzene	16.74	119	1109836	2.24	ppbv		99
66) Benzyl Chloride	16.99	91	63603	0.98	ppbv	#	62
67) sec-Butylbenzene	17.29	105	1527978	2.16	ppbv		100
69) p-Isopropyltoluene	17.65	119	1303596	2.28	ppbv		99
70) n-Butylbenzene	18.55	91	1358774	2.23	ppbv		98
71) 2-Chlorotoluene	15.45	91	924022	2.12	ppbv		99
72) 4-Ethyltoluene	15.84	105	950052	2.15	ppbv		98
73) 1,3,5-Trimethylbenzene	16.00	105	872940	2.20	ppbv		92
74) 1,2,4-Trimethylbenzene	16.76	105	965634	2.22	ppbv		96
75) 1,3-Dichlorobenzene	17.00	146	532839	2.24	ppbv		99
76) 1,4-Dichlorobenzene	17.14	146	517796	2.21	ppbv		98
77) 1,2-Dichlorobenzene	17.82	146	539665	2.29	ppbv		100
78) Hexachloro-1,3-Butadiene	23.37	225	511907	2.36	ppbv		98
79) Naphthalene	22.19	128	800902	2.27	ppbv		99
80) Naphthalene,2-methyl-	24.97	142	271781	2.54	ppbv		99
81) 1,2,4-Trichlorobenzene	21.92	180	471291	2.28	ppbv	#	100

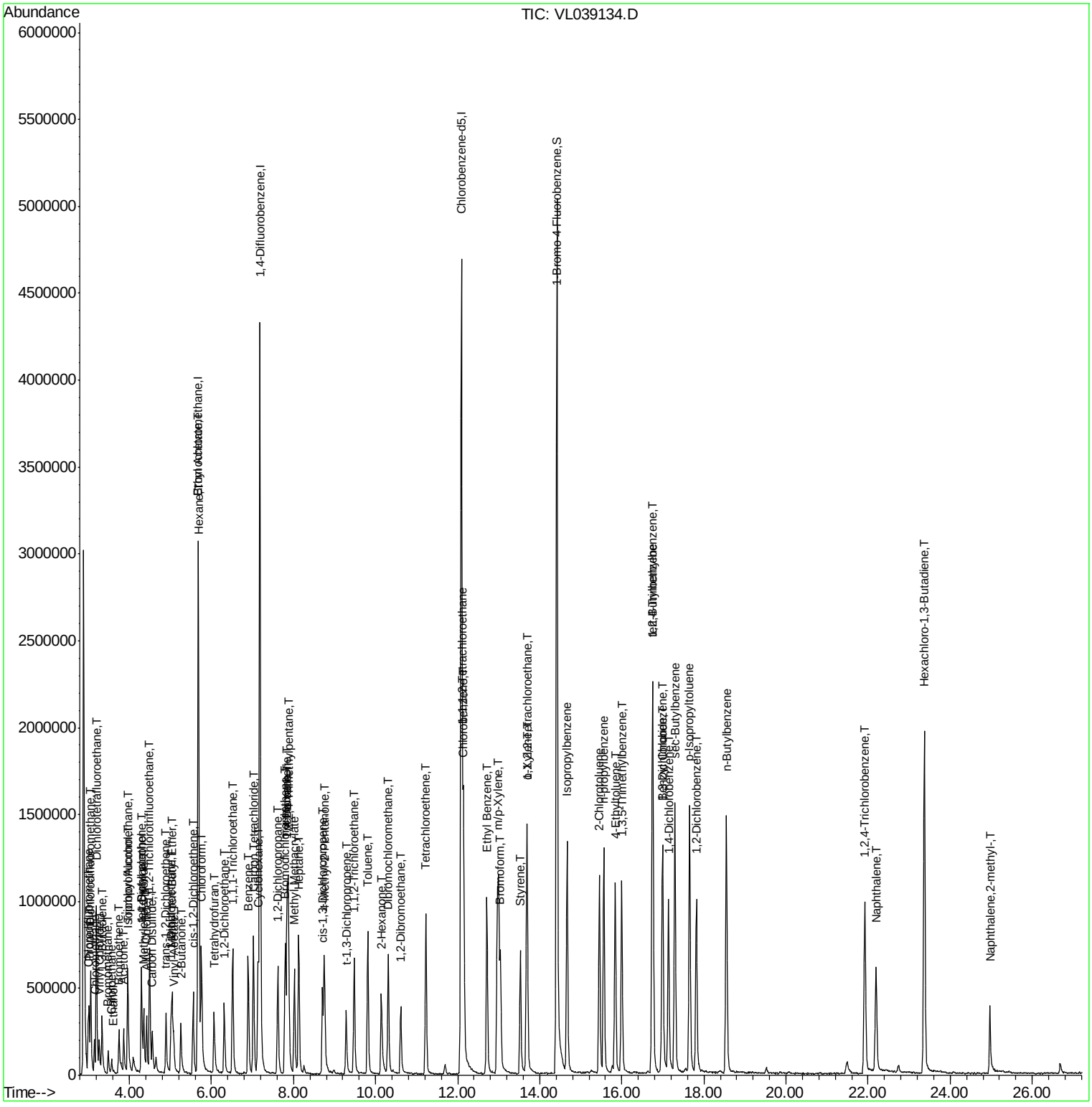
(#) = qualifier out of range (m) = manual integration (+) = signals summed

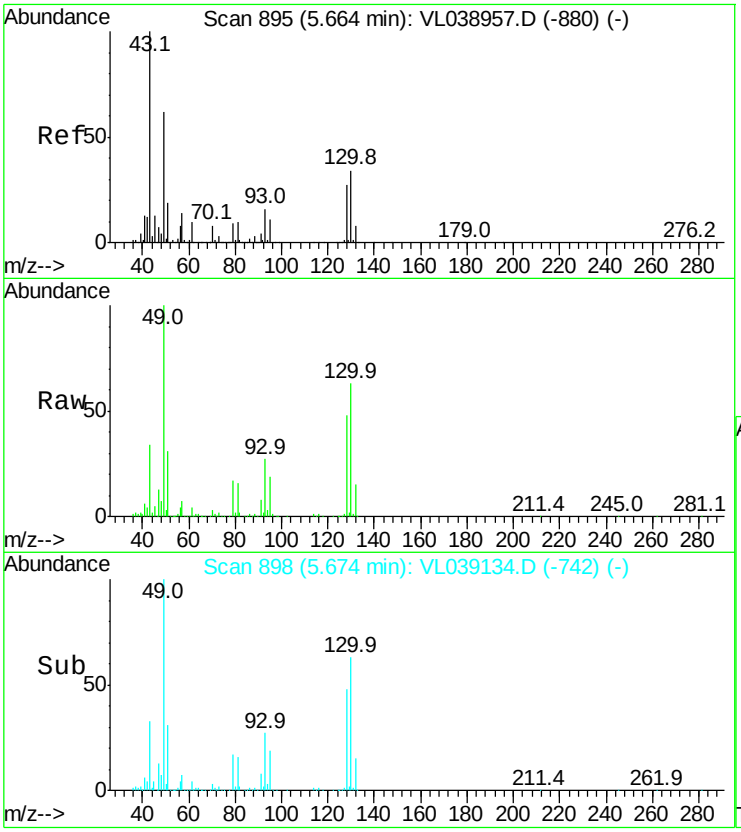
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
Data File : VL039134.D
Acq On : 31 May 2022 16:54
Operator : SY/AP
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Quant Time: May 31 19:49:53 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 31 17:05:54 2022
QLast Update : Tue May 31 17:05:54 2022
Response via : Initial Calibration



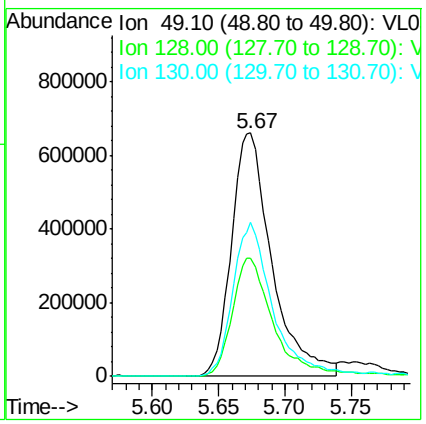


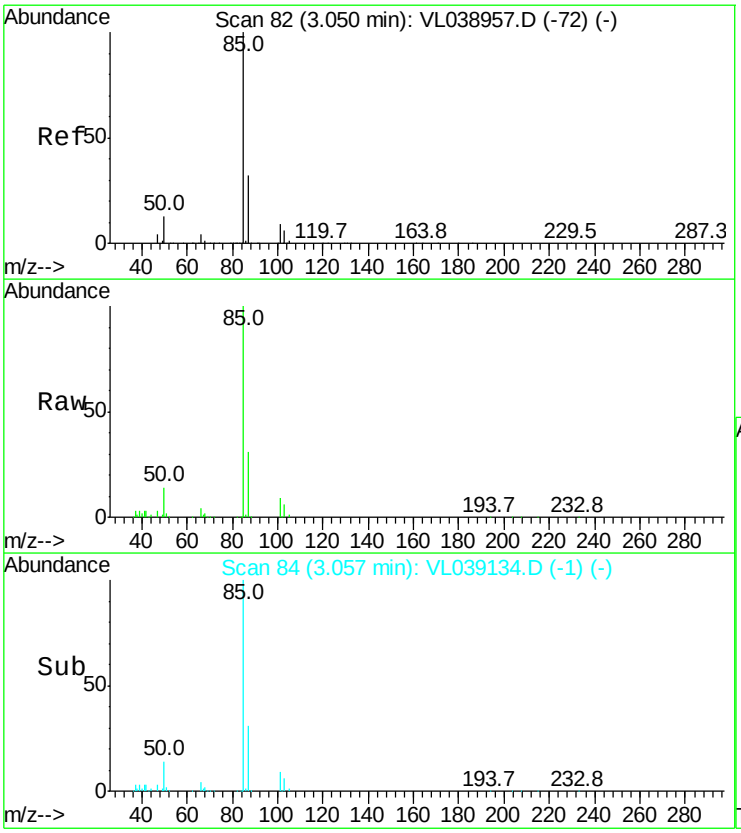
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1401984

Ion	Ratio	Lower	Upper
49	100		
128	50.6	24.7	74.1
130	64.8	31.4	94.0

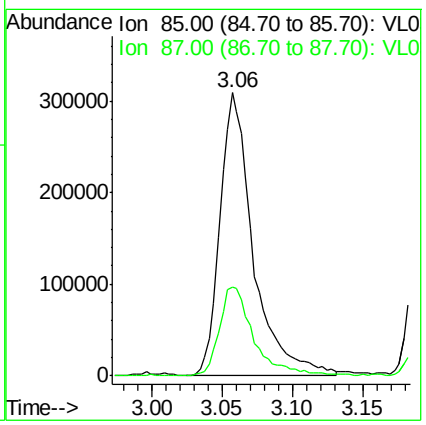


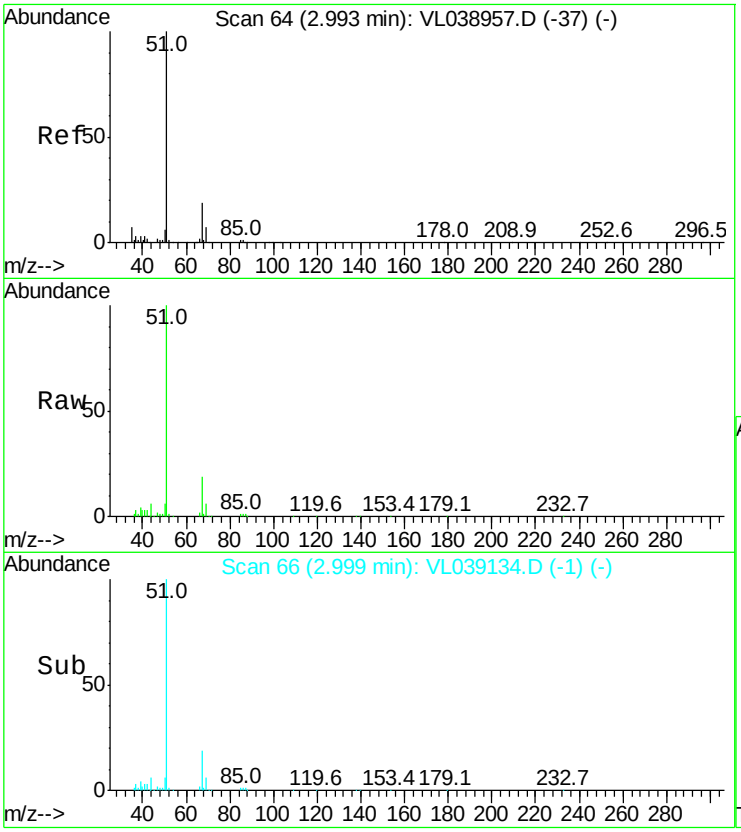


#2
Dichlorodifluoromethane
Concen: 2.30 ppbv
RT: 3.06 min Scan# 84
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 85 Resp: 505252

Ion	Ratio	Lower	Upper
85	100		
87	31.3	26.9	40.3



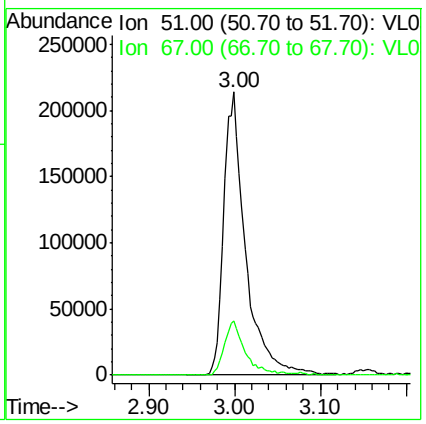


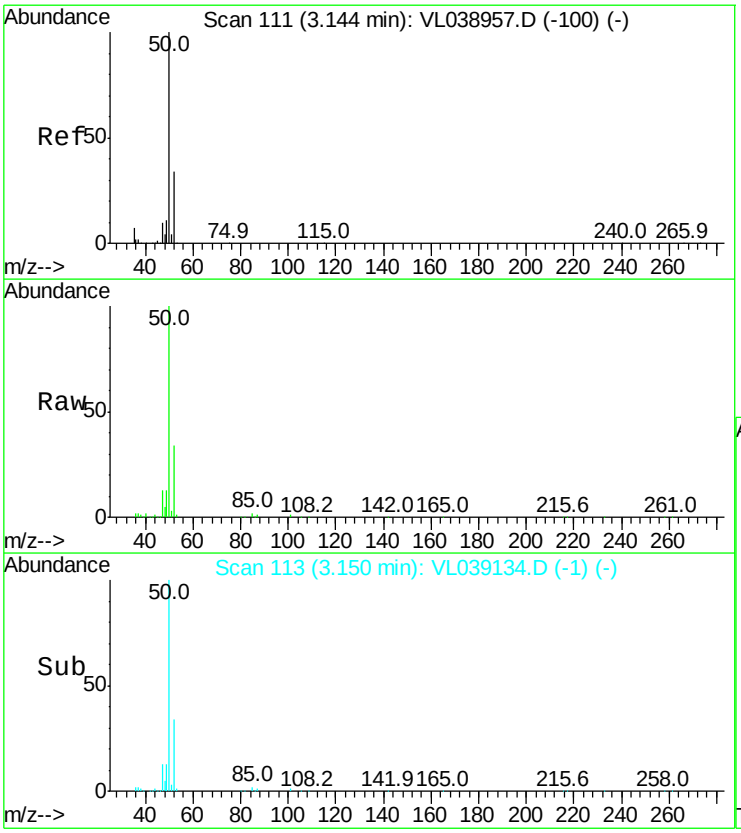
#3
Chlorodifluoromethane
Concen: 2.16 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 376268

Ion	Ratio	Lower	Upper
51	100		
67	19.2	16.2	24.4

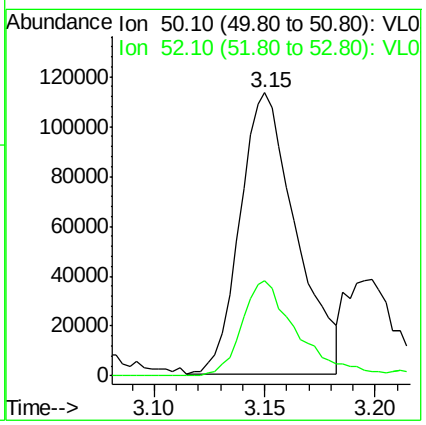


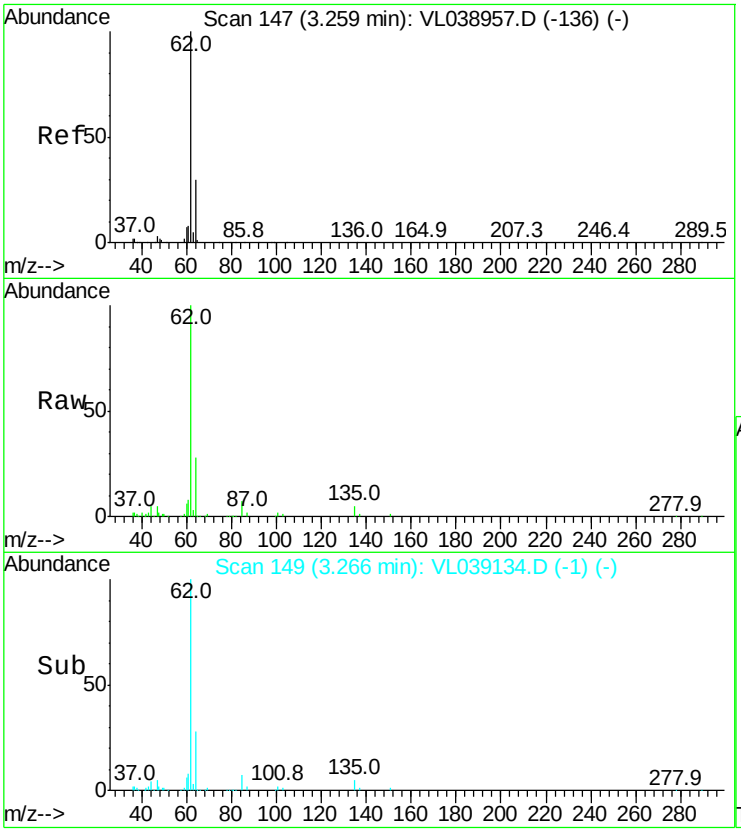


#4
Chloromethane
Concen: 2.27 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 50 Resp: 197928

Ion	Ratio	Lower	Upper
50	100		
52	33.8	25.9	38.9



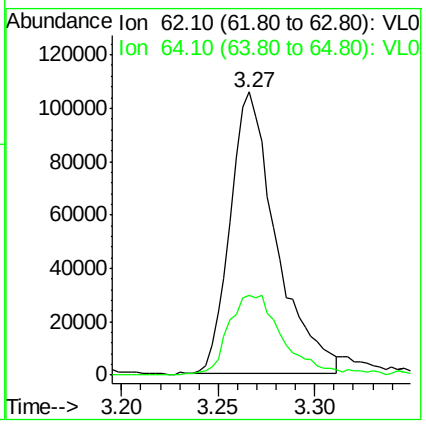


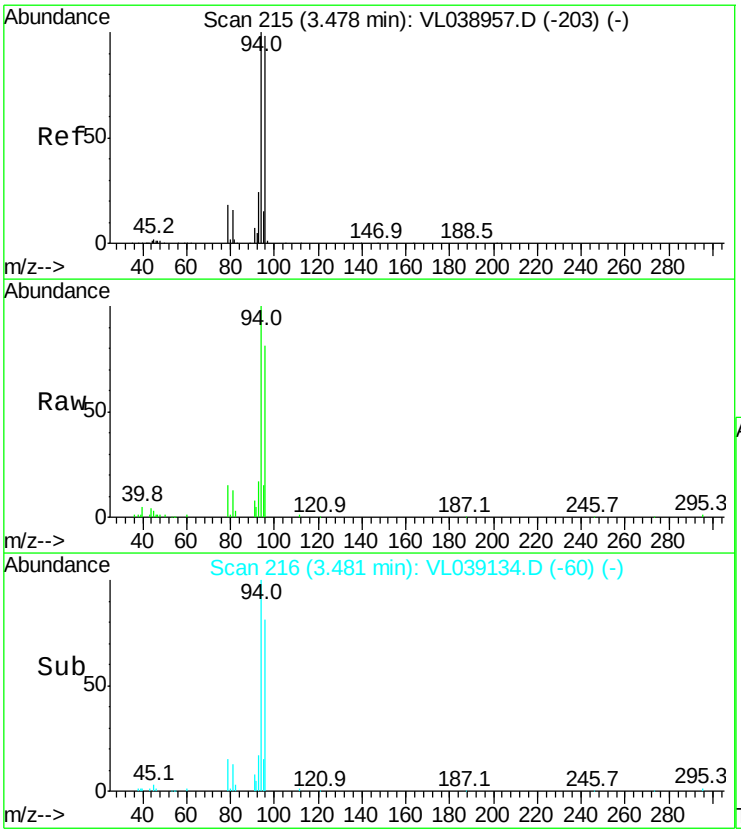
#5
Vinyl Chloride
Concen: 2.21 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 175755

Ion	Ratio	Lower	Upper
62	100		
64	27.9	24.2	36.2

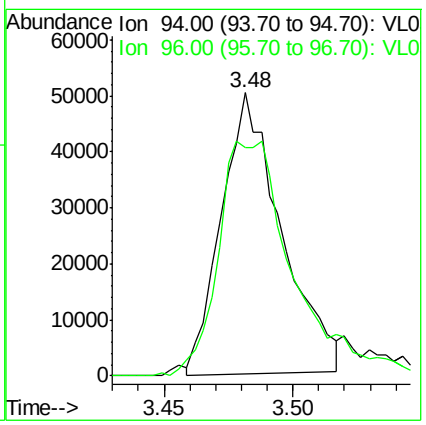


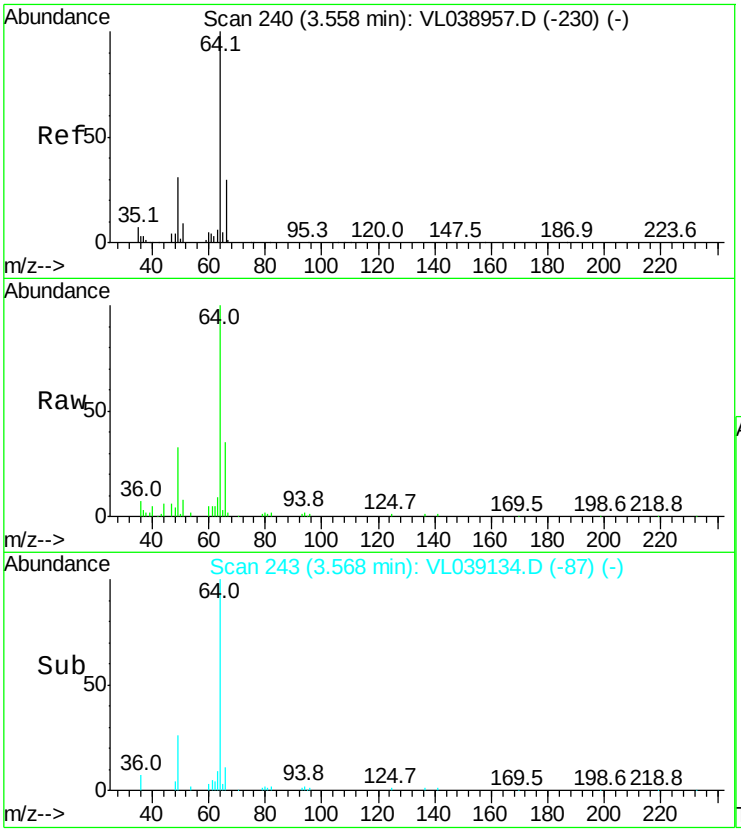


#6
Bromomethane
Concen: 2.16 ppbv
RT: 3.48 min Scan# 216
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 94 Resp: 81223

Ion	Ratio	Lower	Upper
94	100		
96	76.9	73.0	109.4



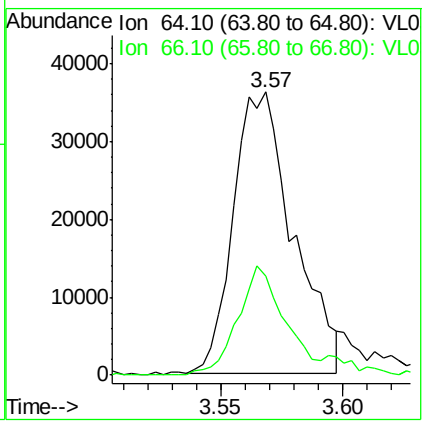


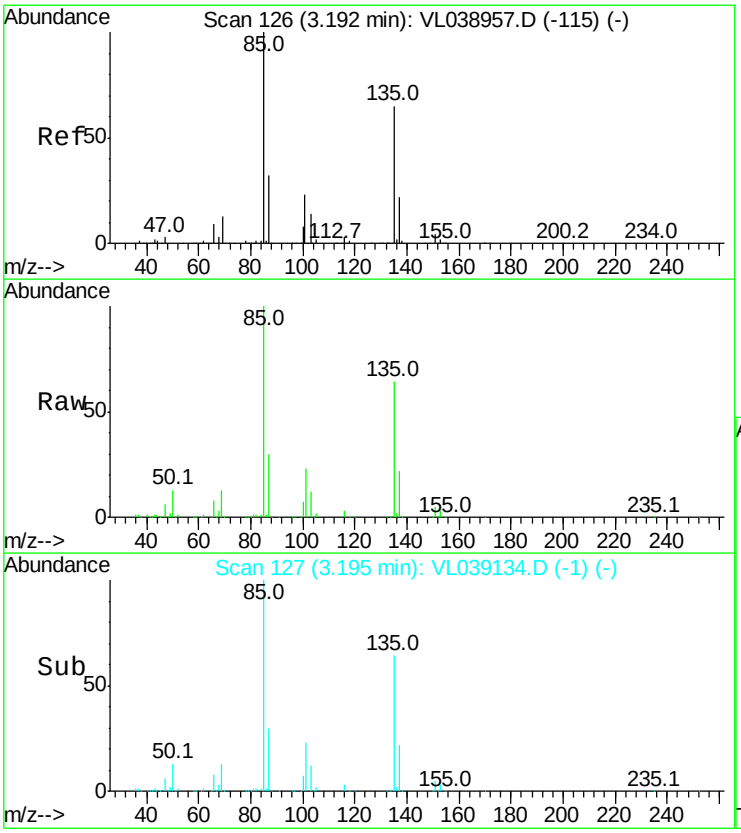
#7
Chloroethane
Concen: 2.31 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 61442

Ion	Ratio	Lower	Upper
64	100		
66	35.1	23.6	35.4

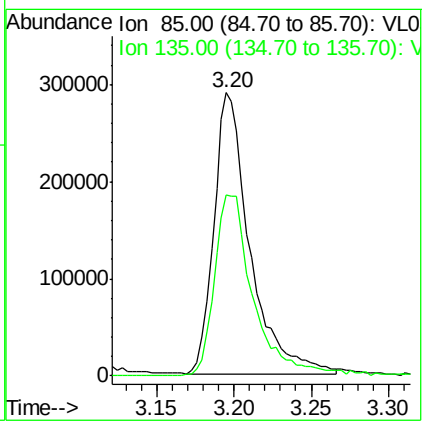


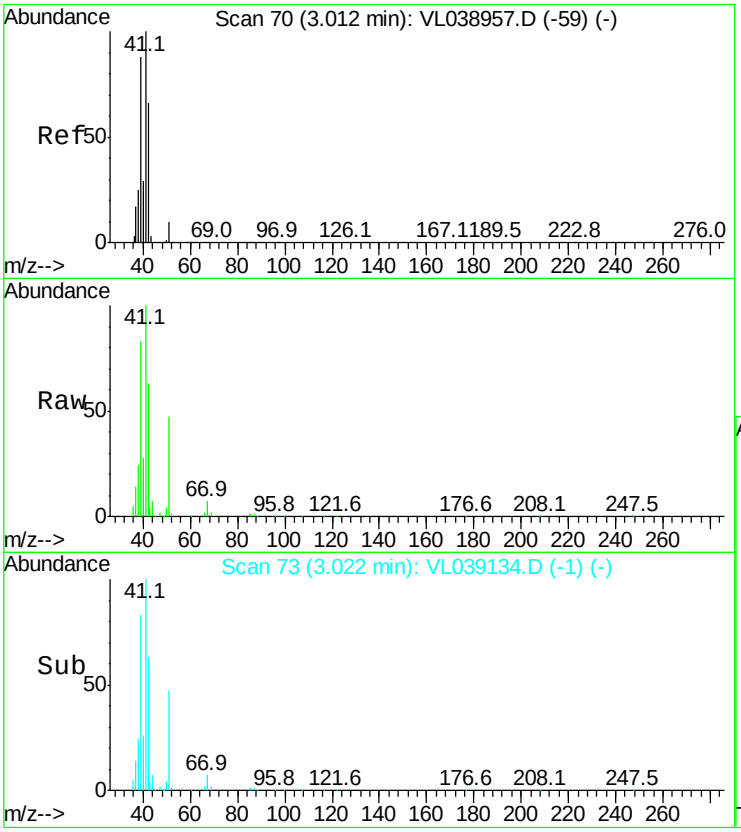


#8
Dichlorotetrafluoroethane
Concen: 2.34 ppbv
RT: 3.20 min Scan# 127
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 85 Resp: 466074

Ion	Ratio	Lower	Upper
85	100		
135	71.3	55.0	82.4



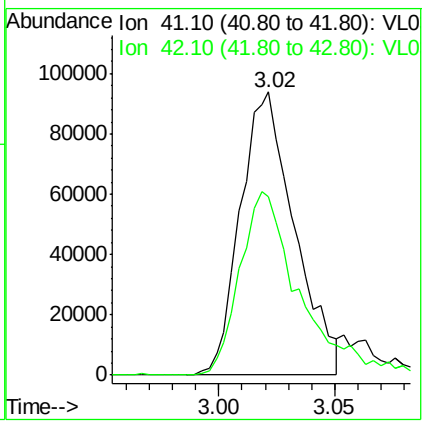


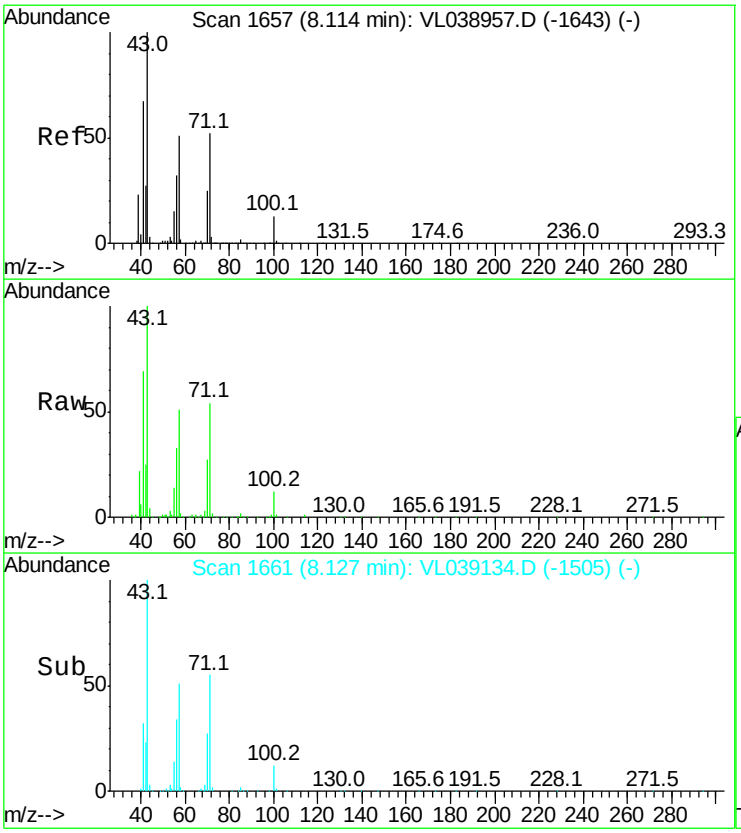
#9
Propene
Concen: 2.01 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 152942

Ion	Ratio	Lower	Upper
41	100		
42	74.1	55.4	83.2

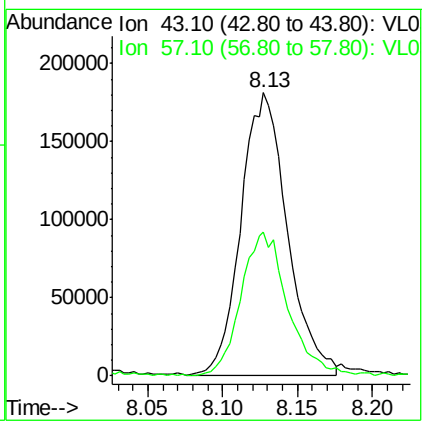


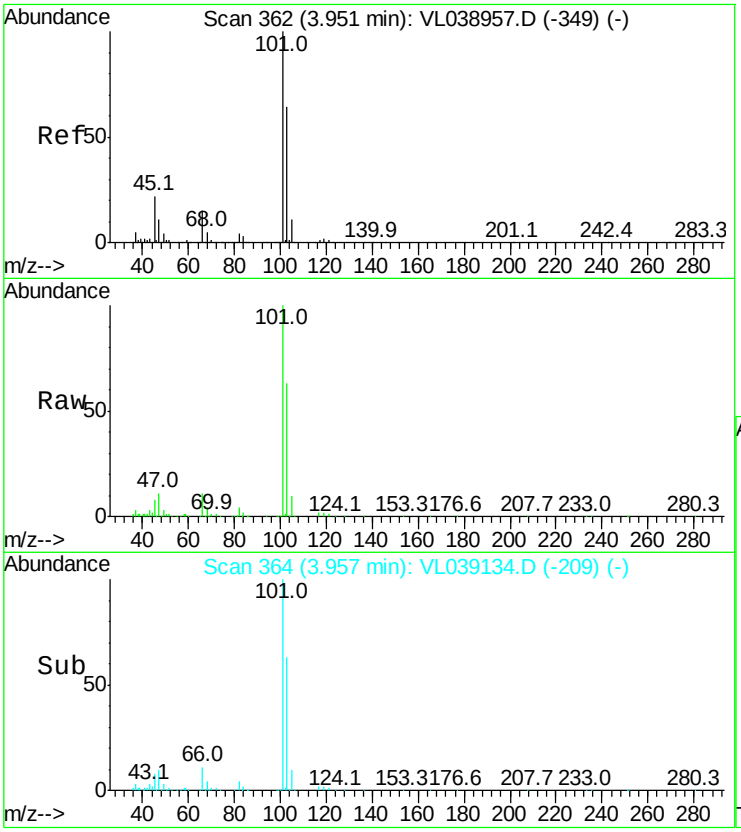


#10
Heptane
Concen: 2.09 ppbv
RT: 8.13 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 43 Resp: 389147

Ion	Ratio	Lower	Upper
43	100		
57	52.4	41.4	62.2



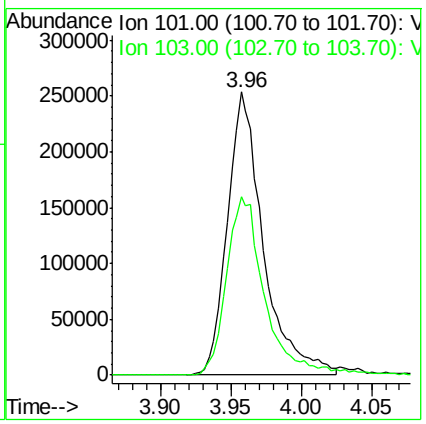


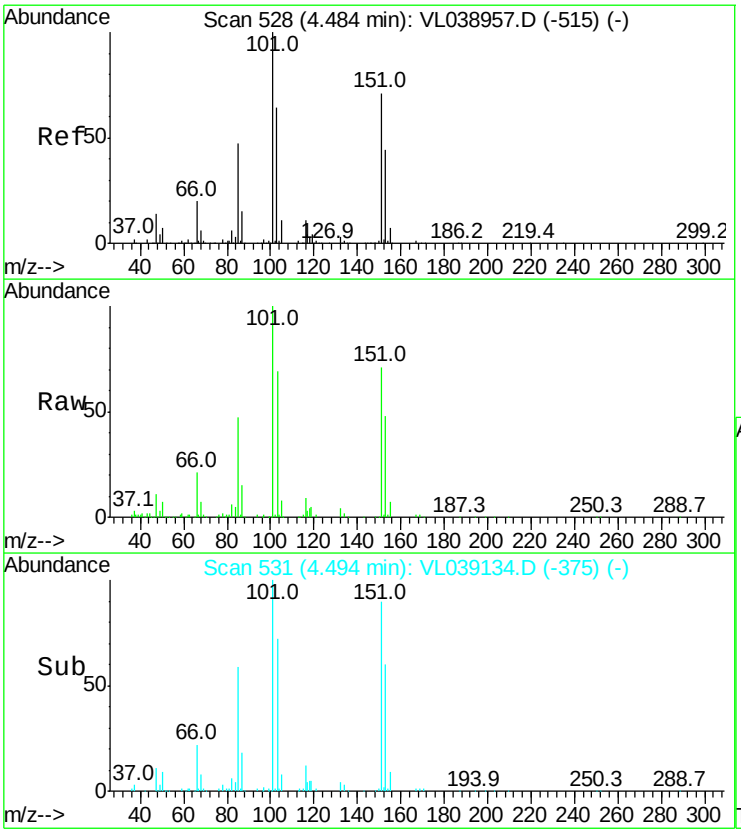
#11
Trichlorofluoromethane
Concen: 2.40 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 453045

Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.7	77.5

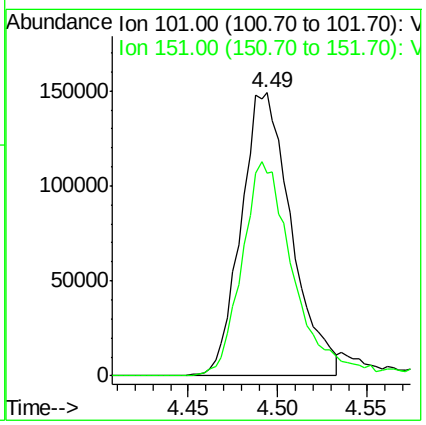


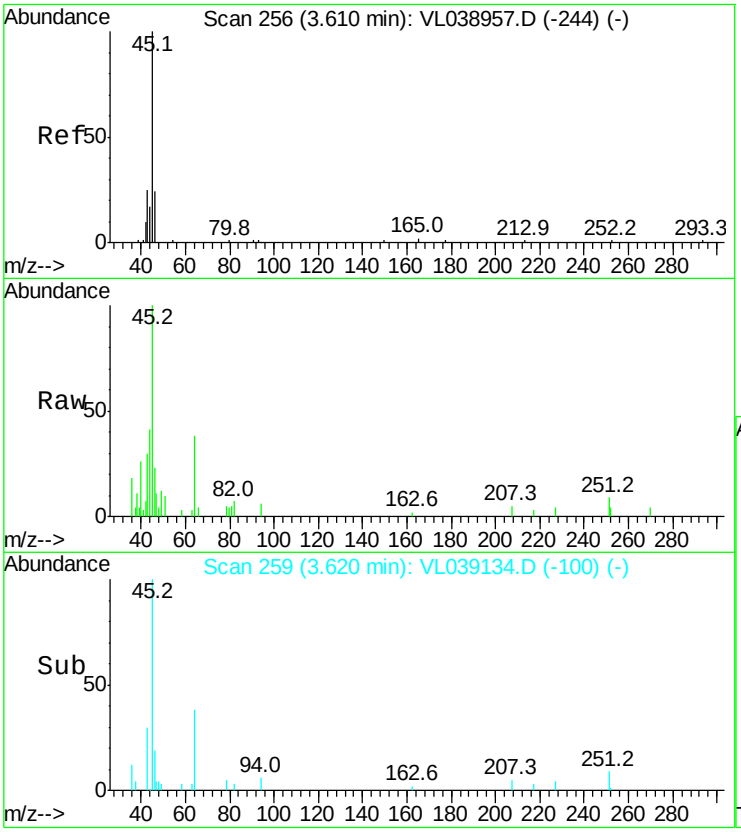


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.27 ppbv
RT: 4.49 min Scan# 531
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:101 Resp: 294609

Ion	Ratio	Lower	Upper
101	100		
151	78.7	59.4	89.0



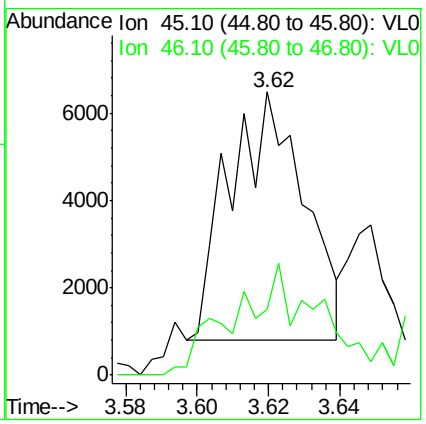


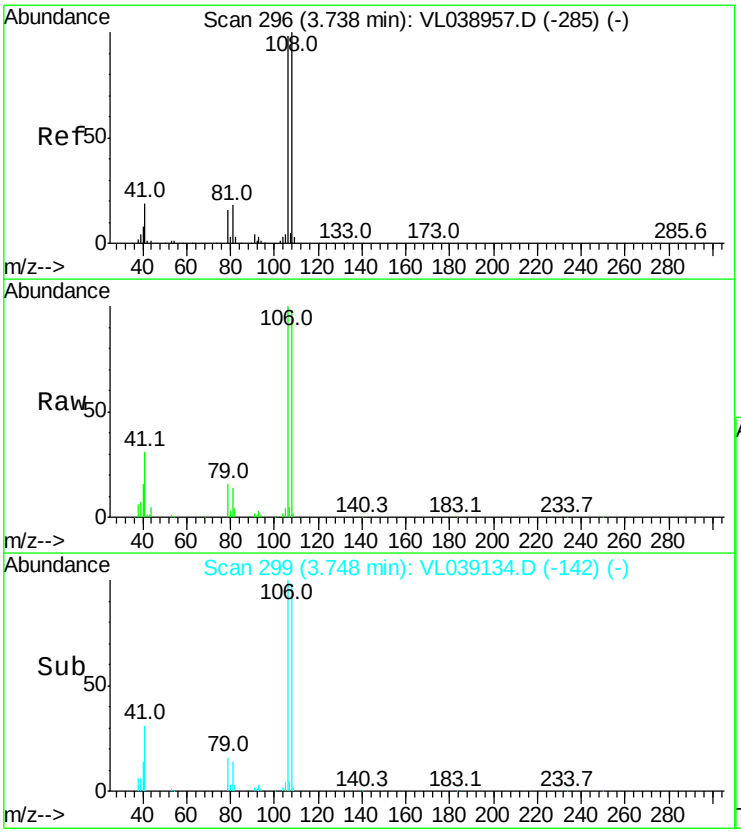
#13
Ethanol
Concen: 1.53 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 8212

Ion	Ratio	Lower	Upper
45	100		
46	49.3	0.0	0.0#

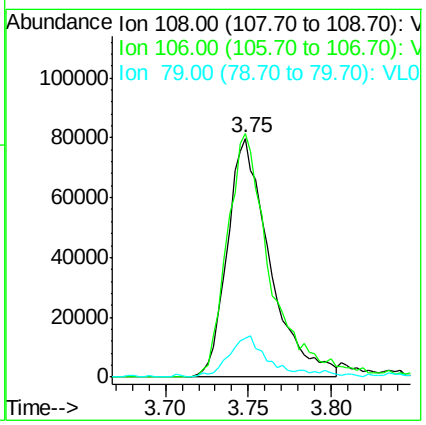


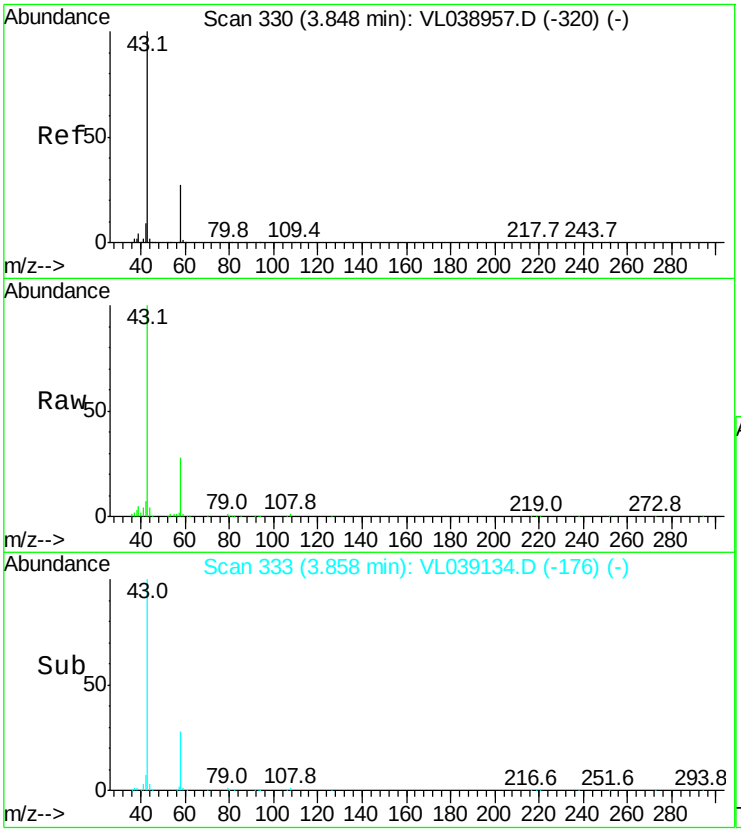


#14
Bromoethene
Concen: 2.65 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:108 Resp: 141988

Ion	Ratio	Lower	Upper
108	100		
106	104.7	88.4	132.6
79	19.1	13.4	20.2



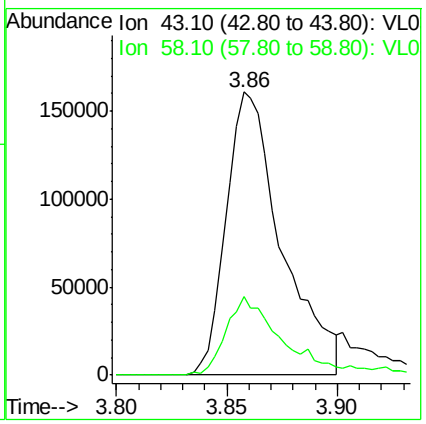


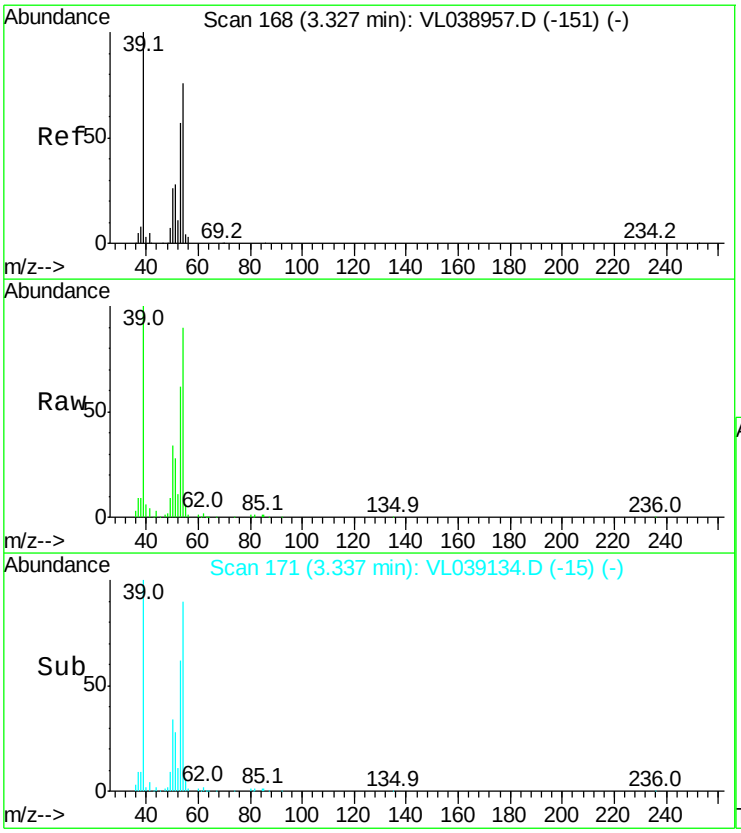
#15
Acetone
Concen: 2.12 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 280261

Ion	Ratio	Lower	Upper
43	100		
58	32.1	22.5	33.7

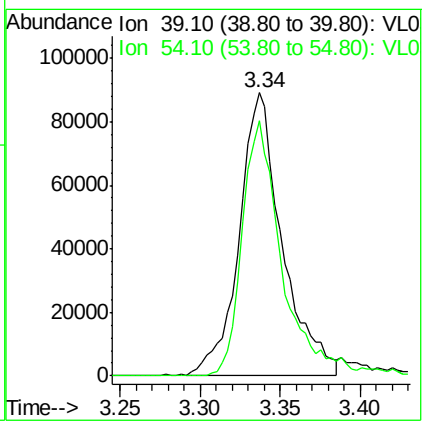


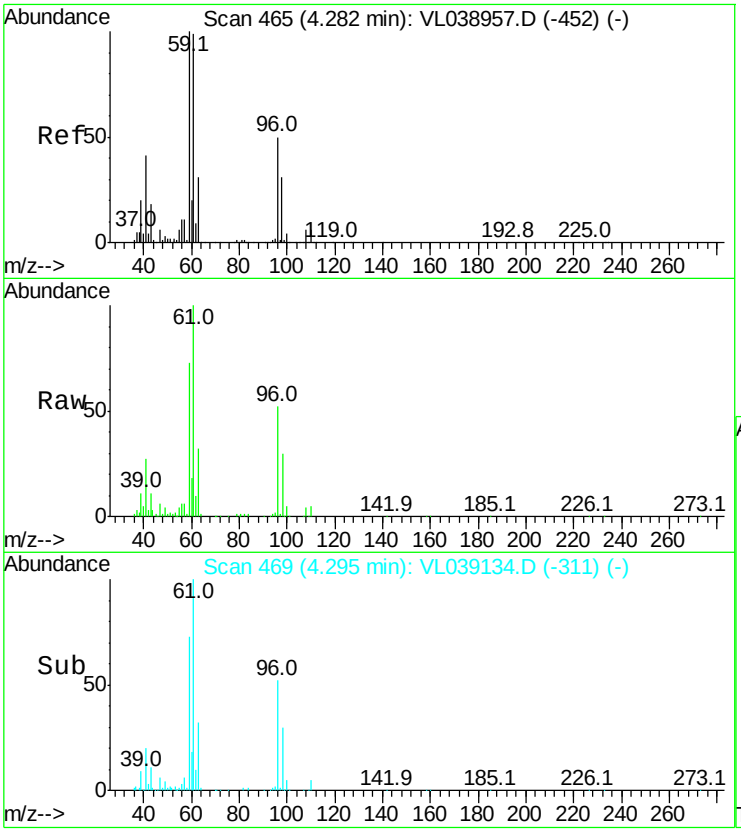


#16
1,3-Butadiene
Concen: 2.16 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 39 Resp: 163859

Ion	Ratio	Lower	Upper
39	100		
54	85.9	65.8	98.6



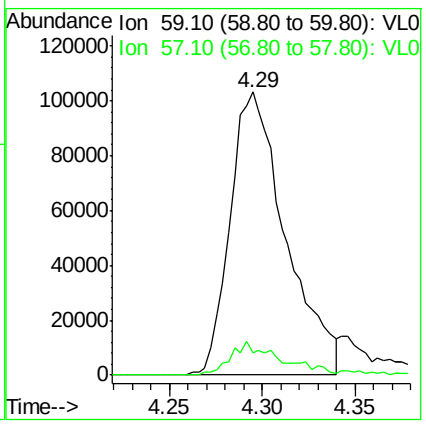


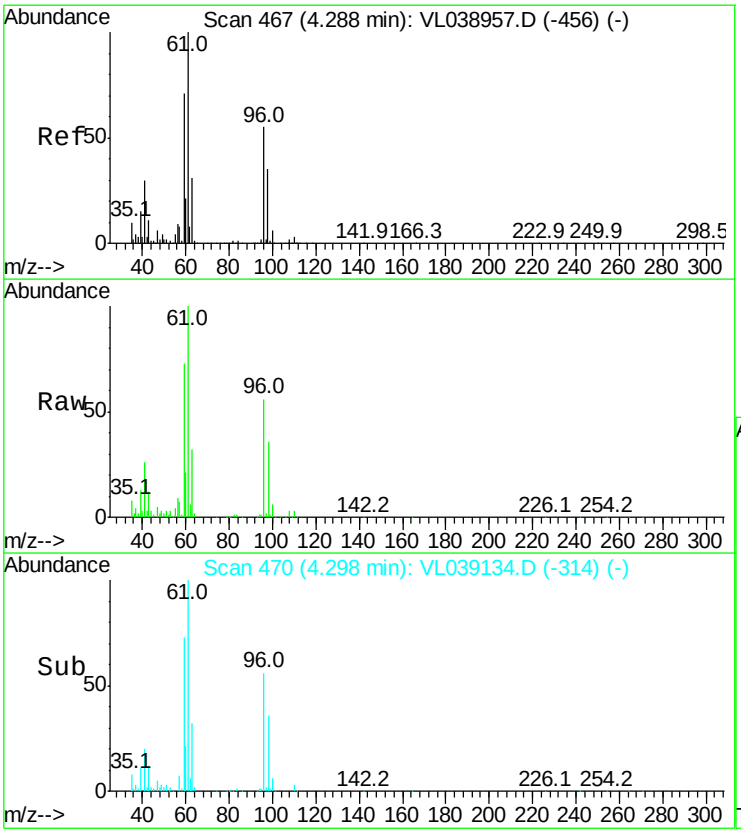
#17
tert-Butyl alcohol
Concen: 2.12 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 215431

Ion	Ratio	Lower	Upper
59	100		
57	11.7	9.1	13.7

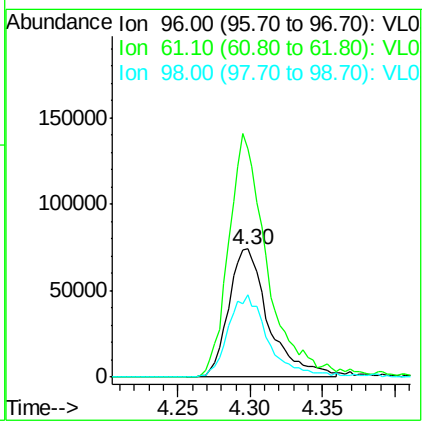


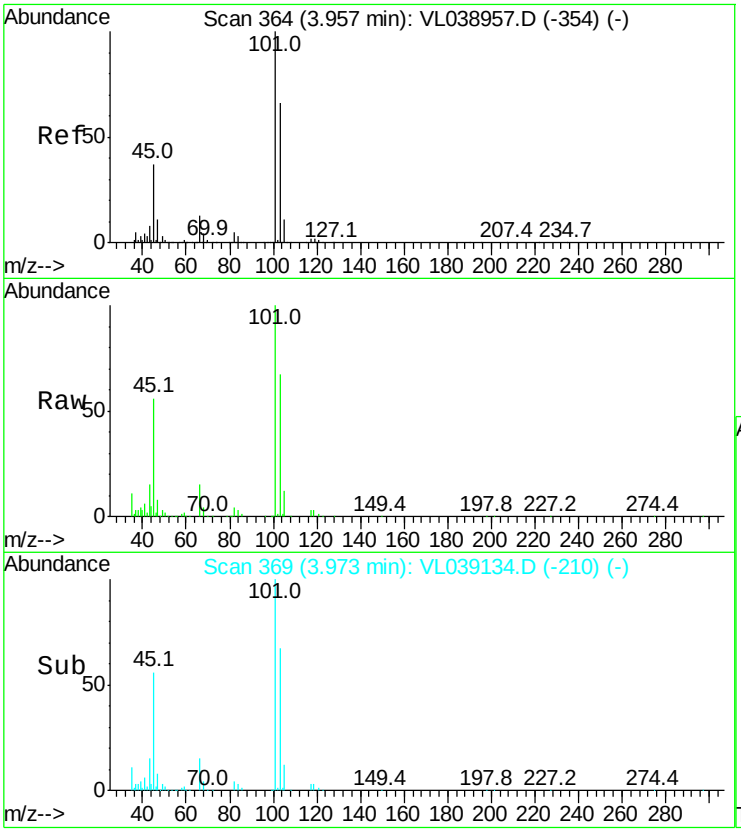


#18
1,1-Dichloroethene
Concen: 2.54 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 96 Resp: 141900

Ion	Ratio	Lower	Upper
96	100		
61	177.7	138.4	207.6
98	64.3	47.8	71.8



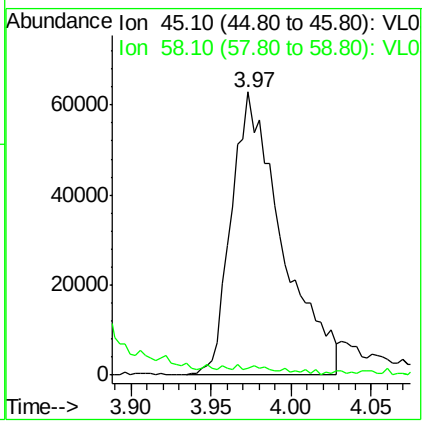


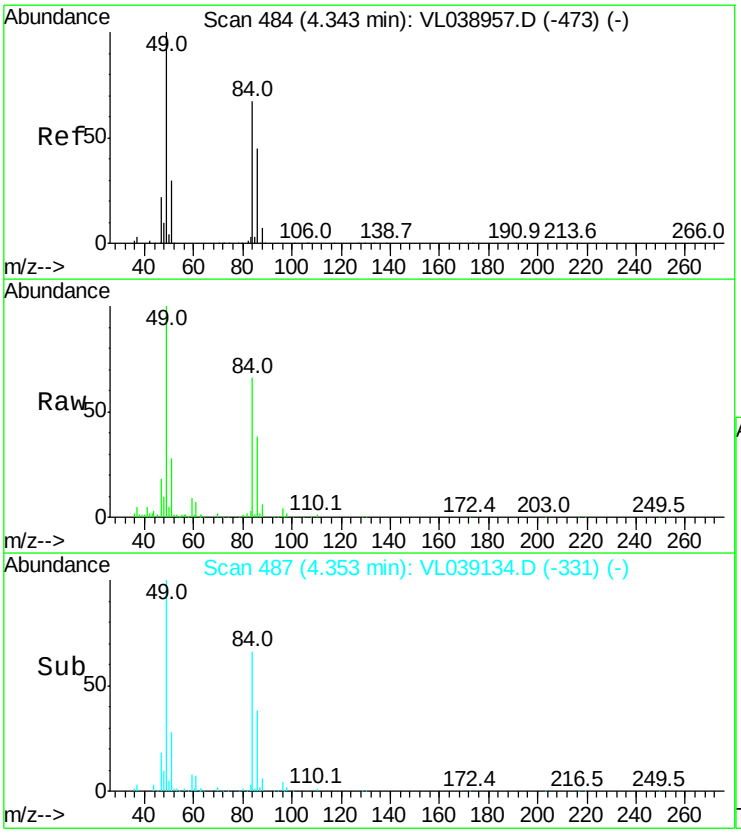
#19
Isopropyl Alcohol
Concen: 2.17 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 136317

Ion	Ratio	Lower	Upper
45	100		
58	3.1	1.8	2.8#

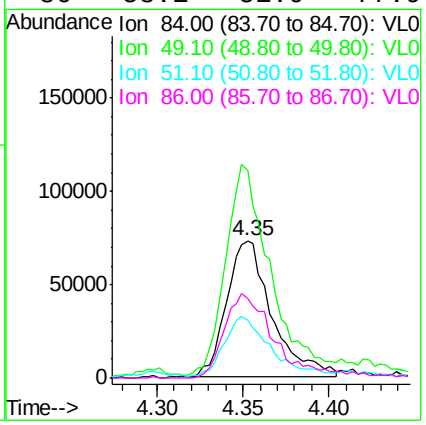


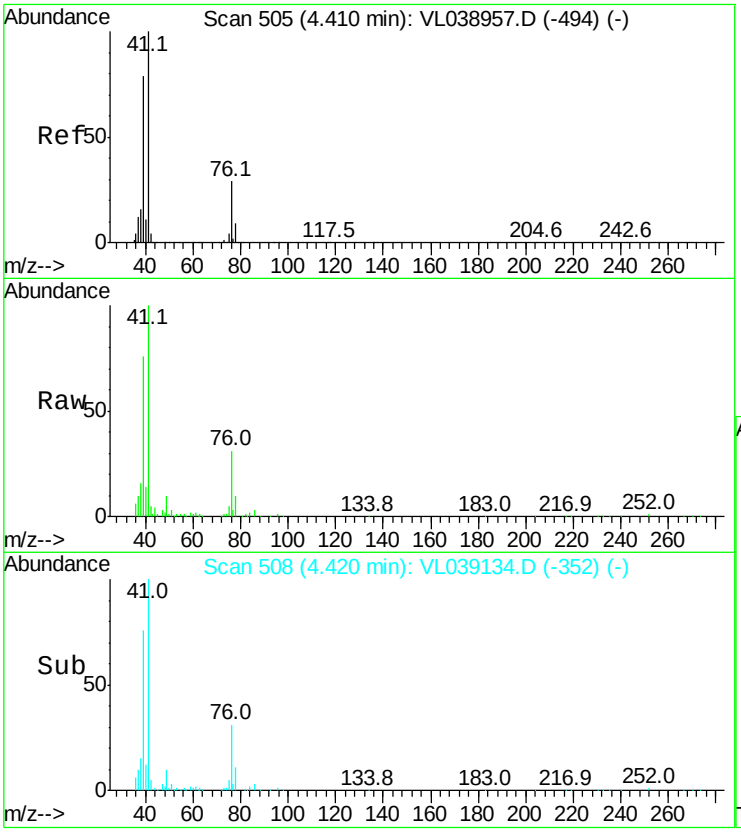


#20
Methylene Chloride
Concen: 2.71 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 84 Resp: 134871

Ion	Ratio	Lower	Upper
84	100		
49	150.5	111.1	166.7
51	41.4	35.3	52.9
86	58.1	51.9	77.9



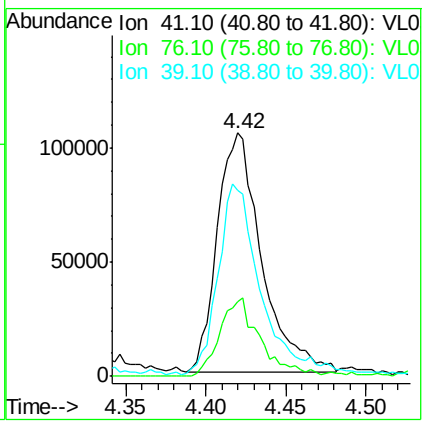


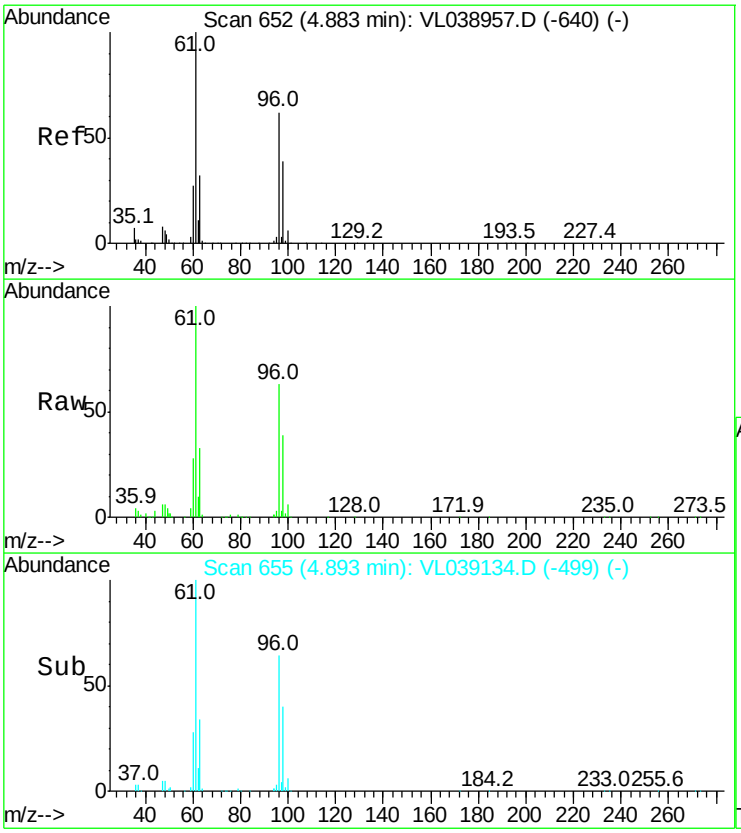
#21
Allyl Chloride
Concen: 2.19 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 197777

Ion	Ratio	Lower	Upper
41	100		
76	30.9	24.2	36.2
39	78.4	62.2	93.2

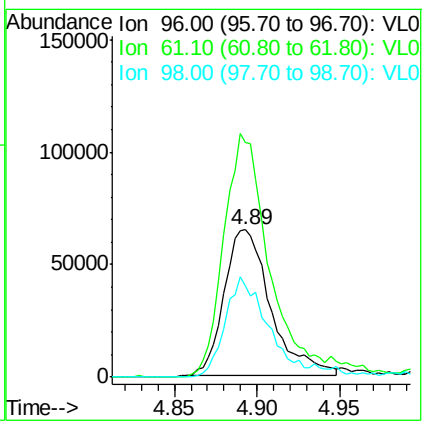


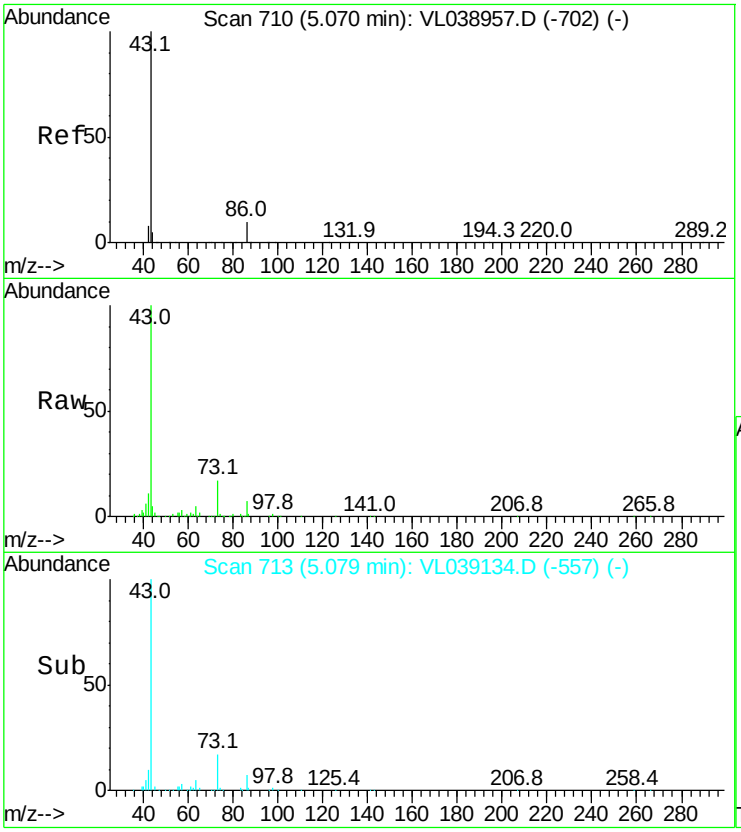


#22
trans-1,2-Dichloroethene
Concen: 2.11 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 96 Resp: 127577

Ion	Ratio	Lower	Upper
96	100		
61	159.6	126.6	190.0
98	62.0	52.5	78.7



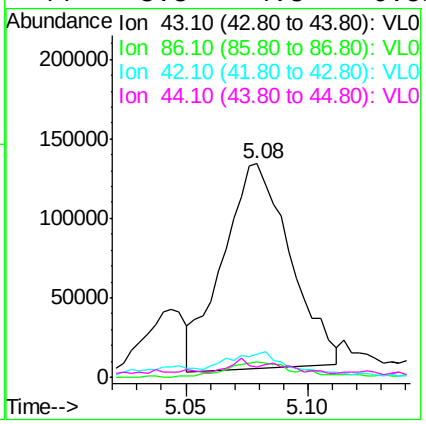


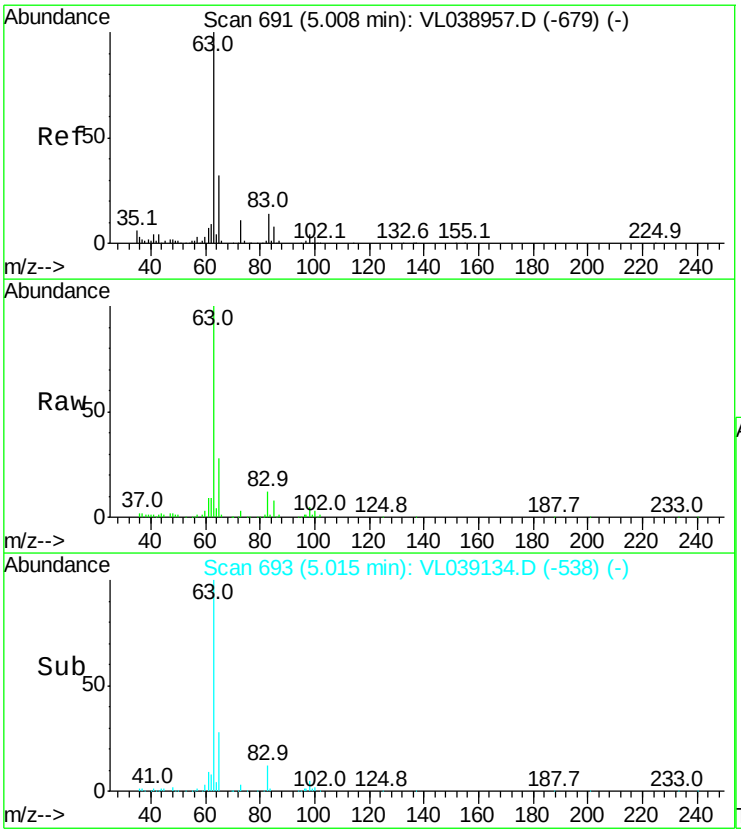
#23
Vinyl Acetate
Concen: 2.36 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 246907

Ion	Ratio	Lower	Upper
43	100		
86	7.5	6.0	9.0
42	9.4	8.2	12.4
44	3.3	4.3	6.5#

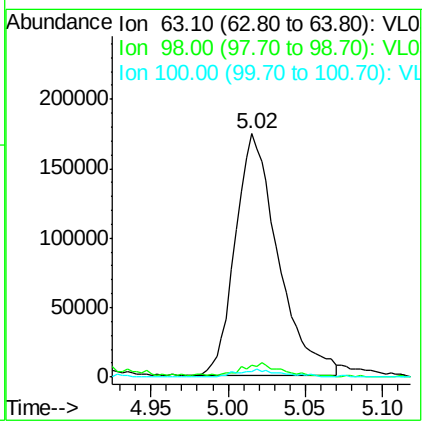


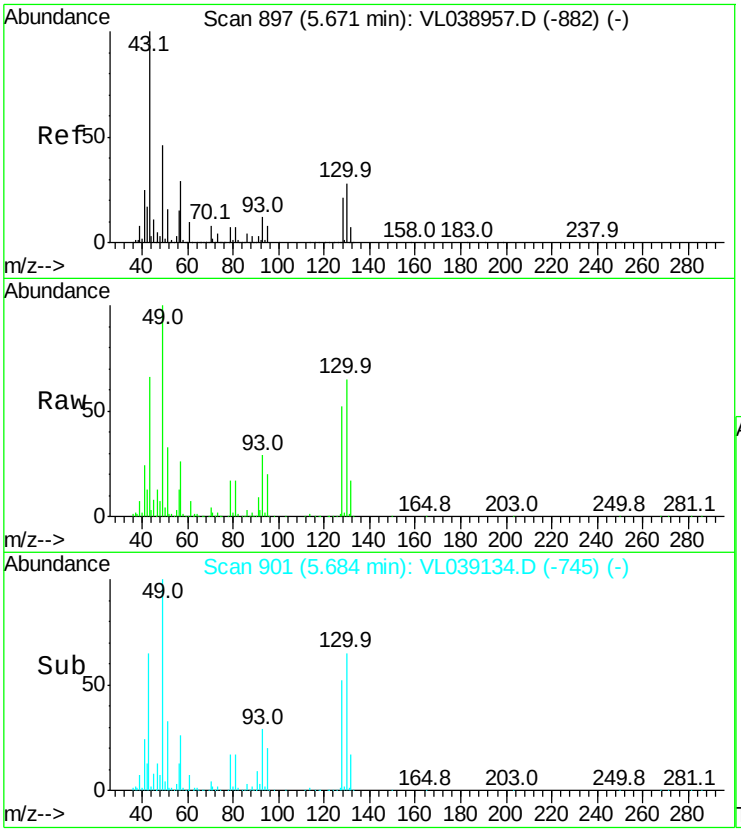


#24
1,1-Dichloroethane
Concen: 2.78 ppbv
RT: 5.02 min Scan# 693
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 63 Resp: 335211

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.1	6.2
100	2.4	1.5	4.5



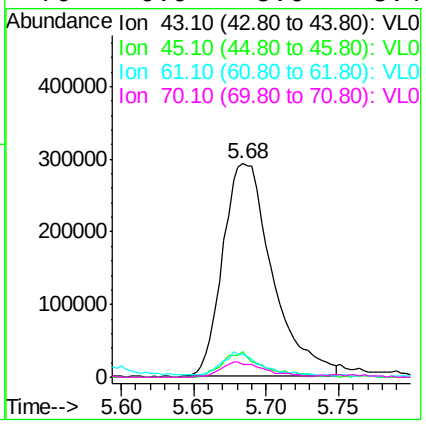


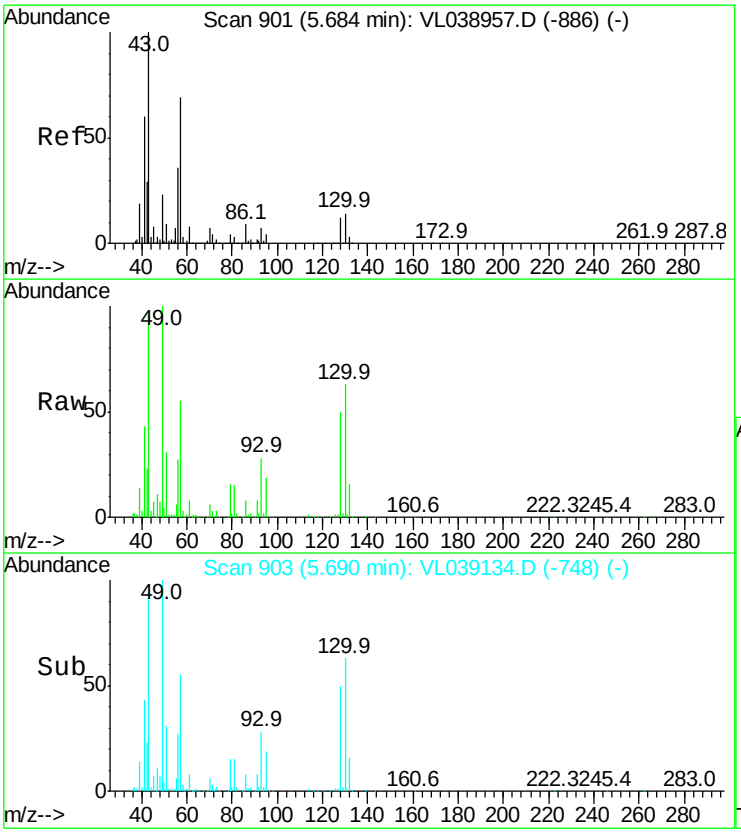
#25
Ethyl Acetate
Concen: 2.20 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 697657

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	10.8	8.4	12.6
70	6.9	5.6	8.4

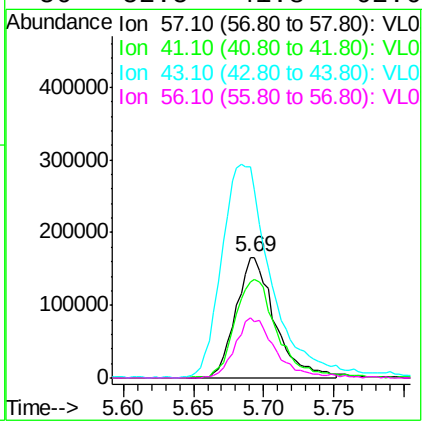


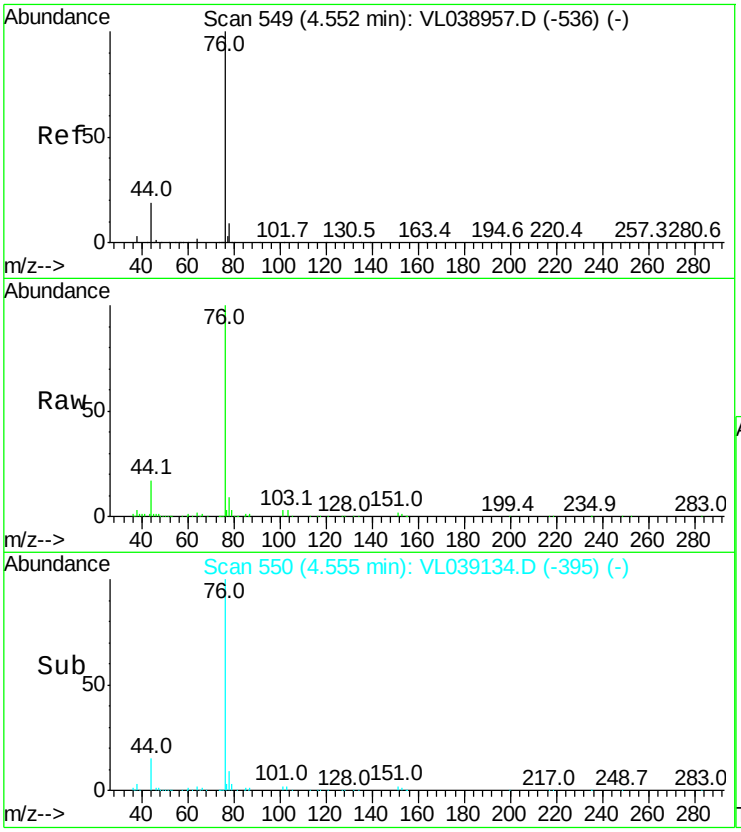


#26
Hexane
Concen: 2.28 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 57 Resp: 320290

Ion	Ratio	Lower	Upper
57	100		
41	91.5	72.4	108.6
43	227.3	187.0	280.6
56	52.5	41.8	62.6



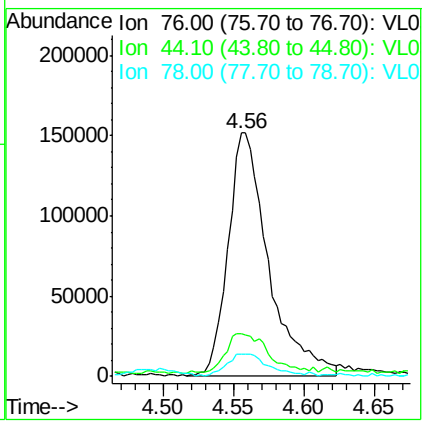


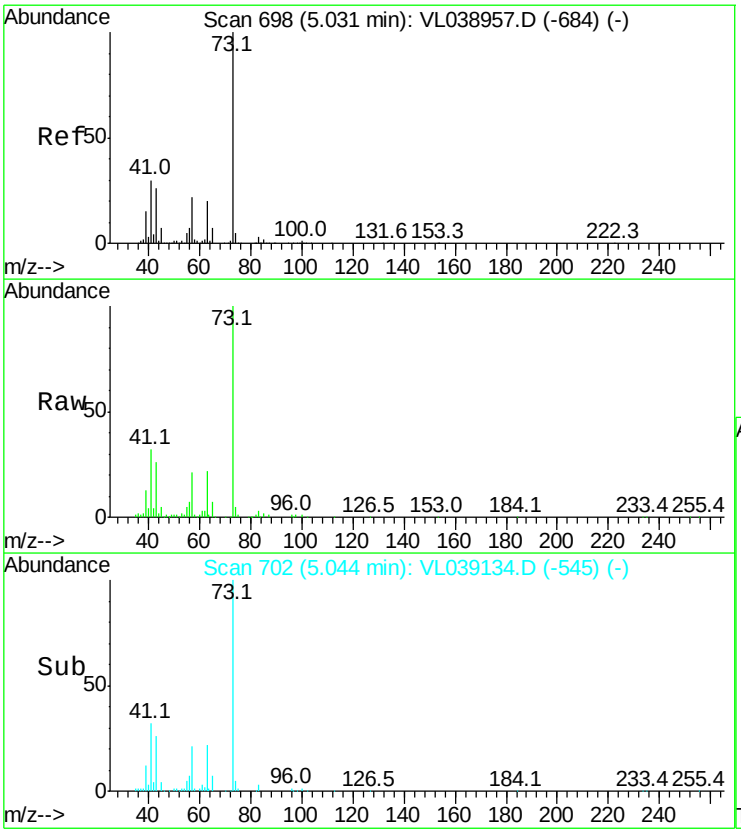
#27
Carbon Disulfide
Concen: 2.27 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 303821

Ion	Ratio	Lower	Upper
76	100		
44	18.1	14.4	21.6
78	10.4	7.7	11.5

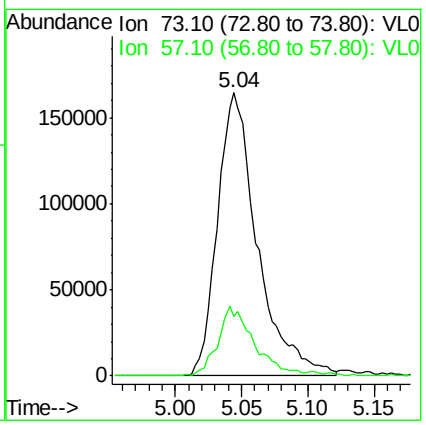


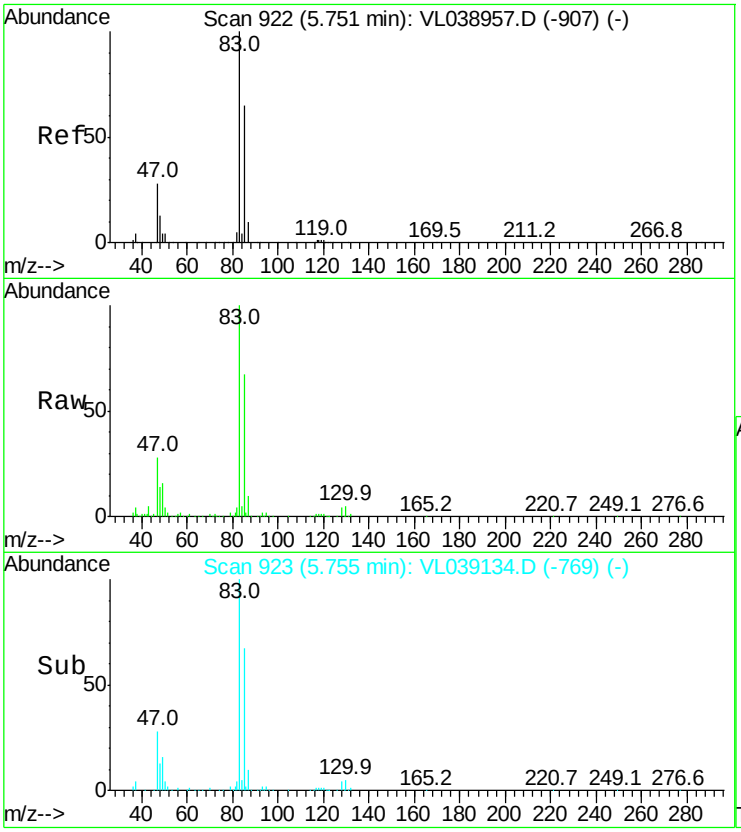


#28
Methyl tert-Butyl Ether
Concen: 3.17 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 73 Resp: 338971

Ion	Ratio	Lower	Upper
73	100		
57	23.9	18.6	27.8



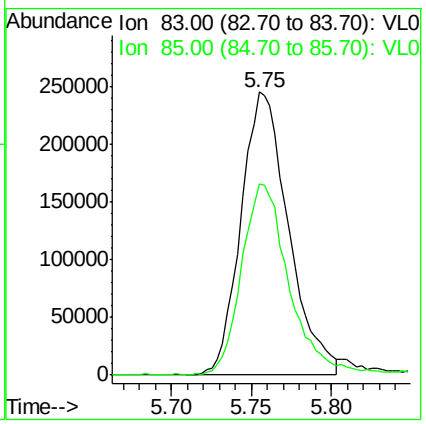


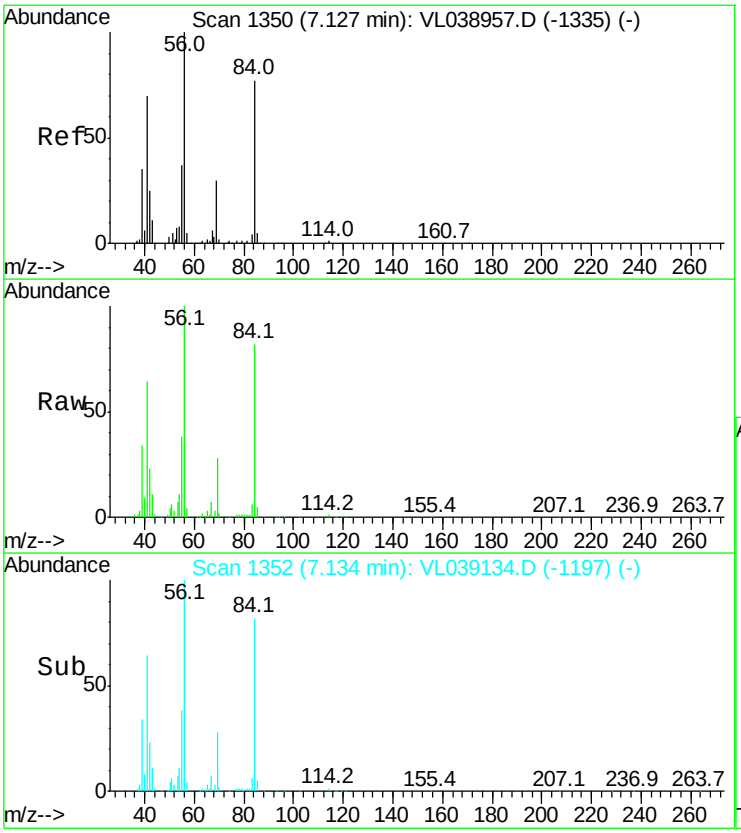
#29
Chloroform
Concen: 2.20 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 500467

Ion	Ratio	Lower	Upper
83	100		
85	67.4	52.4	78.6

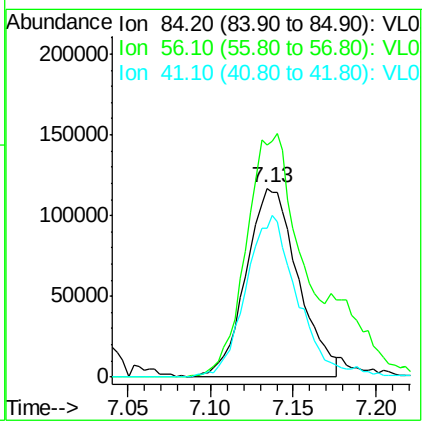


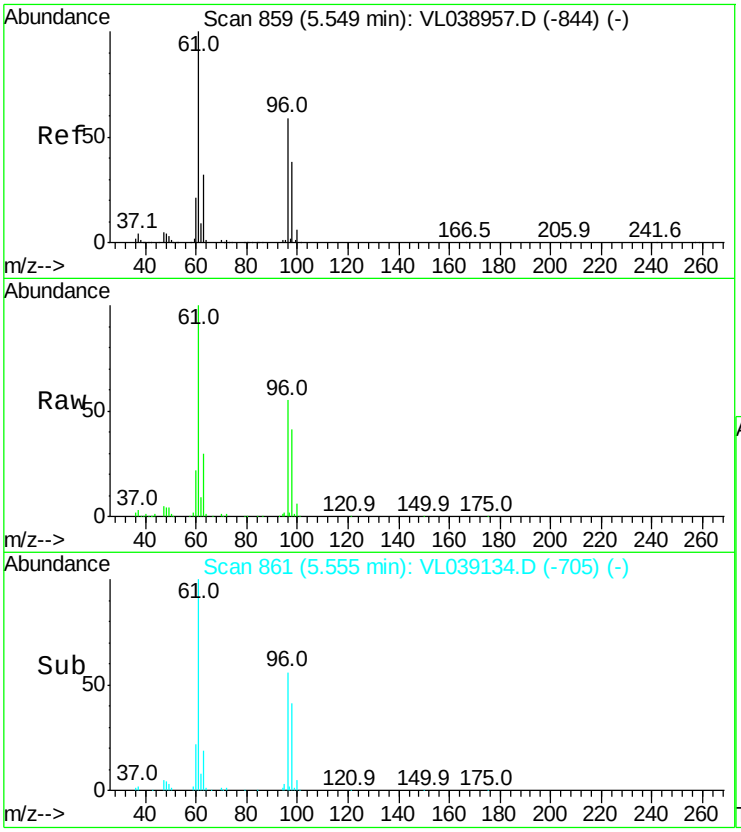


#30
Cyclohexane
Concen: 2.18 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 84 Resp: 256292

Ion	Ratio	Lower	Upper
84	100		
56	164.0	110.6	165.8
41	85.5	68.9	103.3



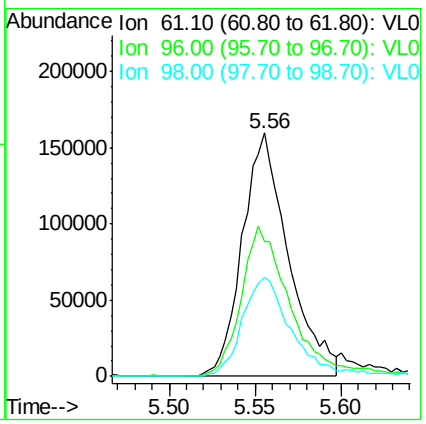


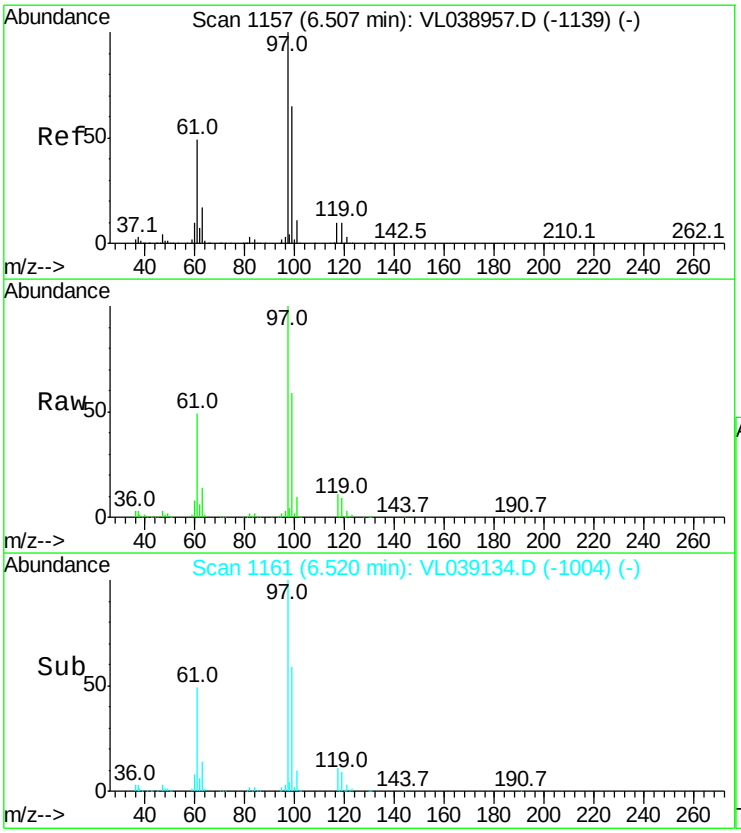
#31
cis-1,2-Dichloroethene
Concen: 2.07 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 296928

Ion	Ratio	Lower	Upper
61	100		
96	55.1	49.9	74.9
98	40.9	32.0	48.0

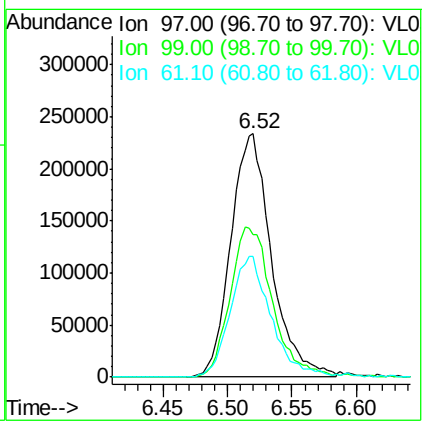


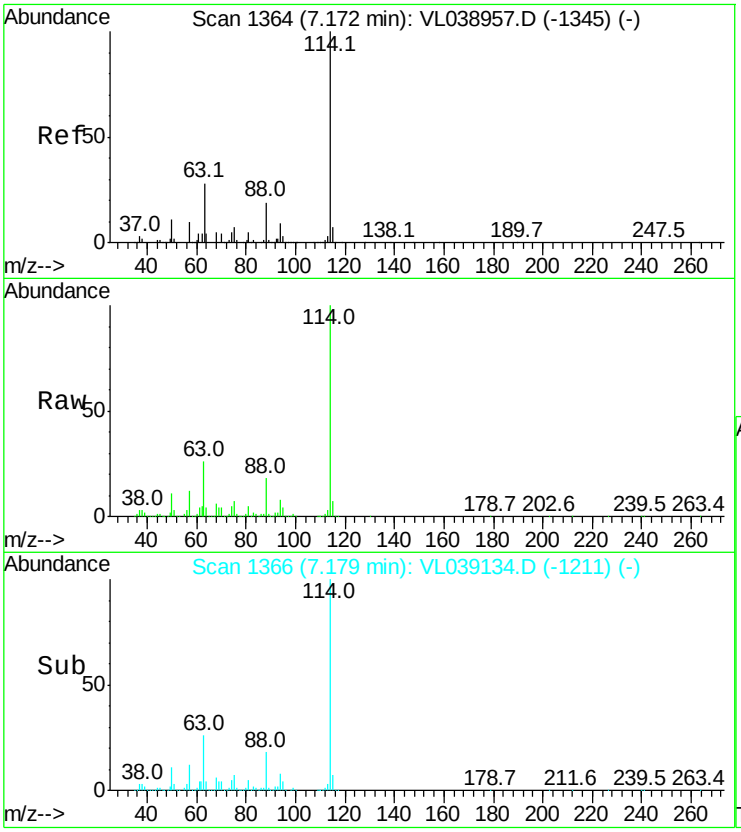


#32
1,1,1-Trichloroethane
Concen: 2.25 ppbv
RT: 6.52 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 97 Resp: 512364

Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.1	78.1
61	50.2	40.0	60.0



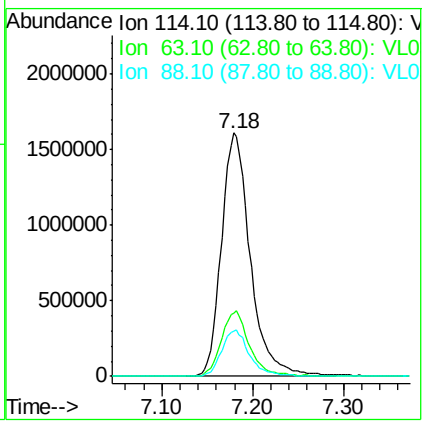


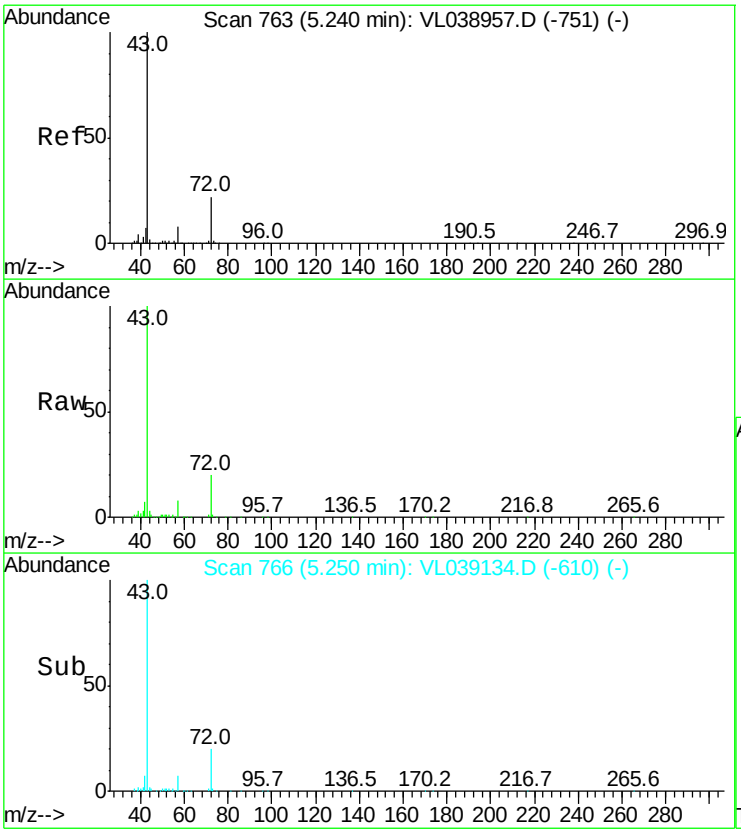
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 3549434

Ion	Ratio	Lower	Upper
114	100		
63	26.5	21.7	32.5
88	18.5	14.8	22.2

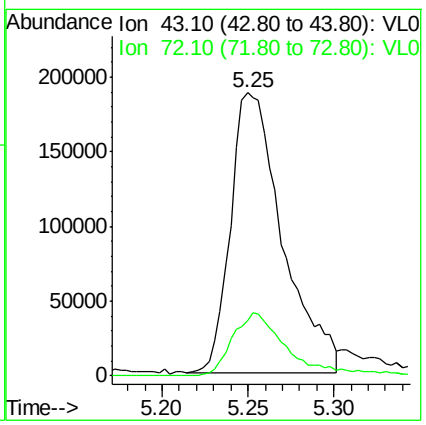


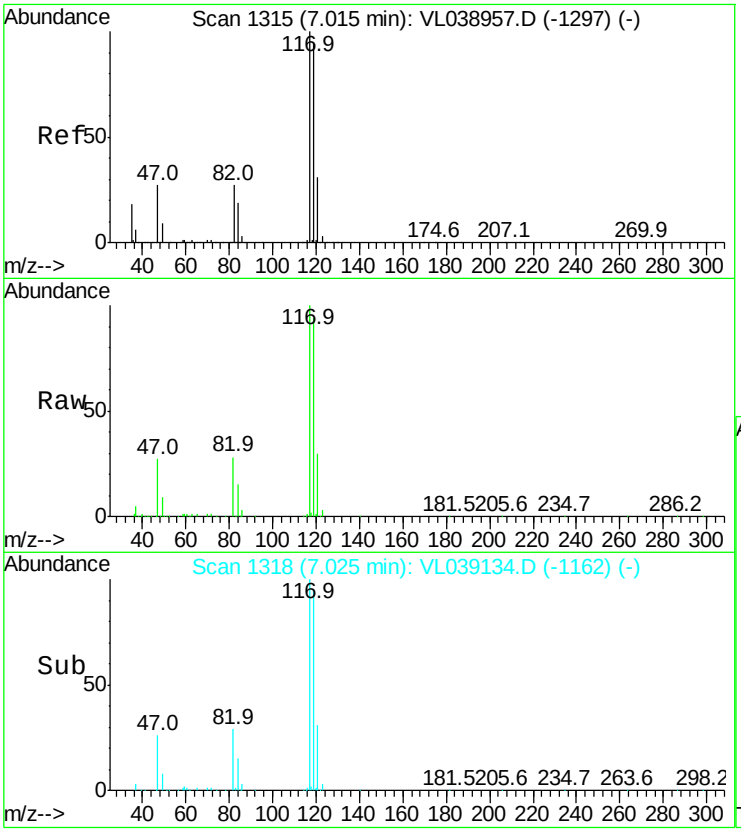


#34
2-Butanone
Concen: 2.18 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 43 Resp: 394753

Ion	Ratio	Lower	Upper
43	100		
72	24.7	18.2	27.2



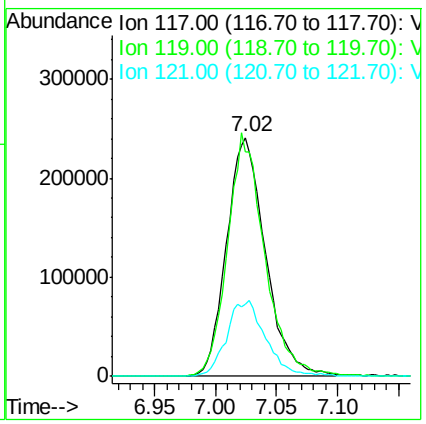


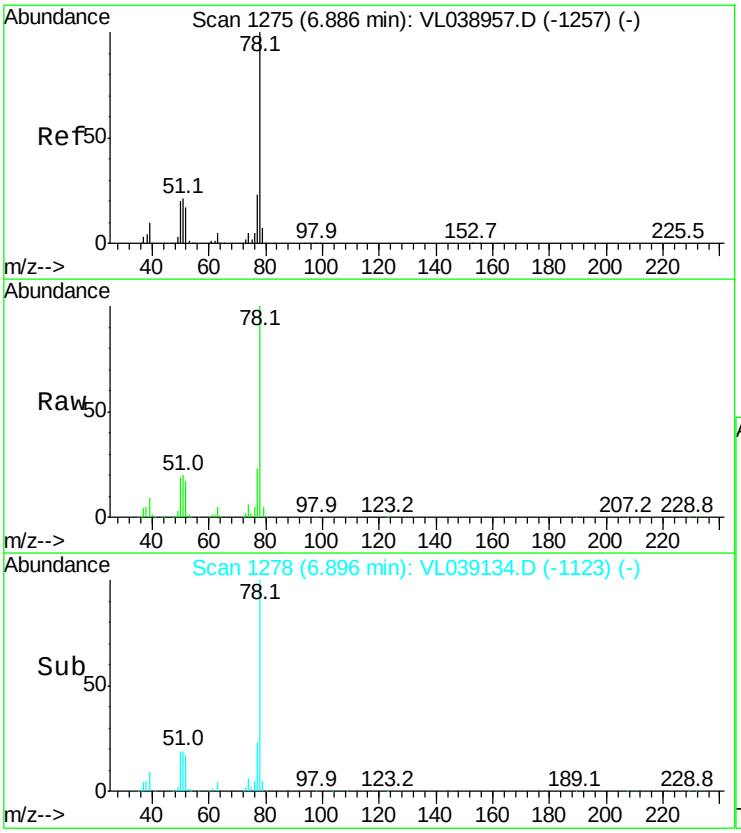
#35
Carbon Tetrachloride
Concen: 2.29 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 535028

Ion	Ratio	Lower	Upper
117	100		
119	93.9	78.6	118.0
121	30.1	25.4	38.0

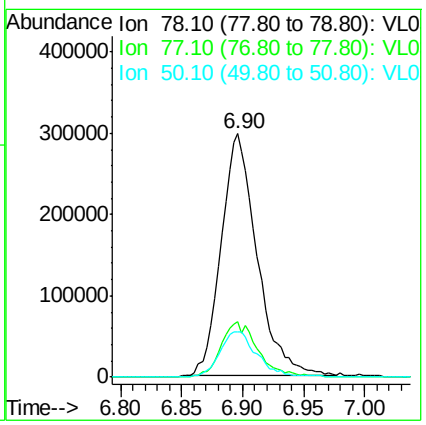


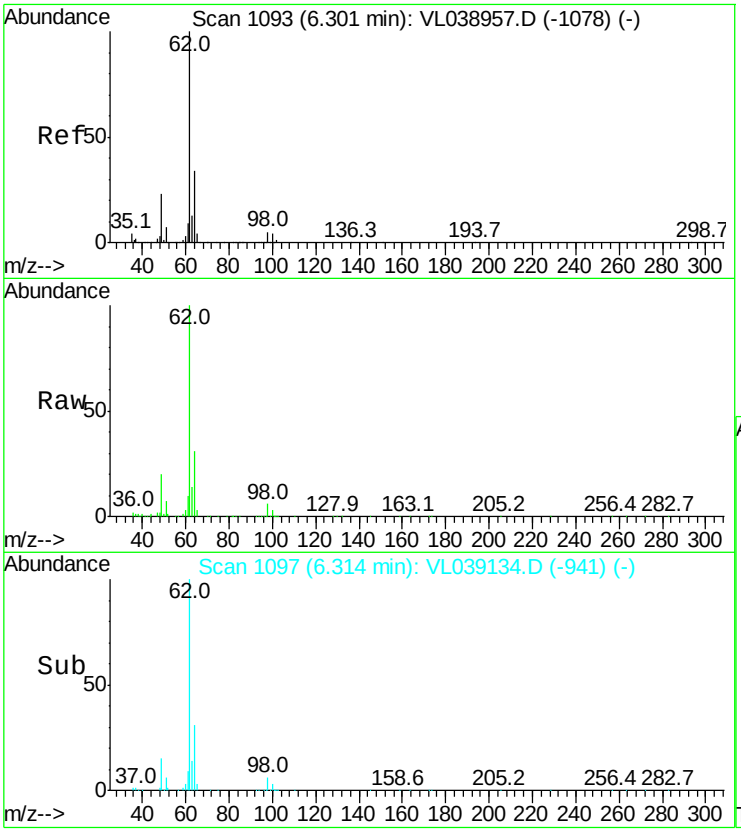


#36
Benzene
Concen: 2.01 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 78 Resp: 611989

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.6	27.8
50	18.6	15.8	23.8



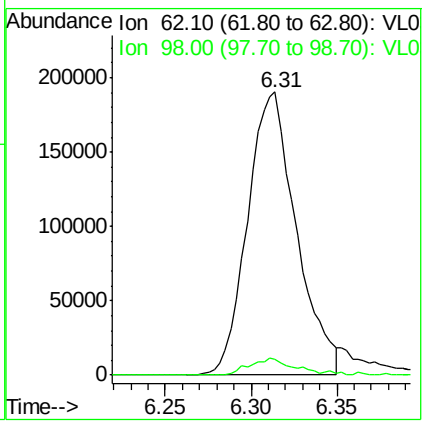


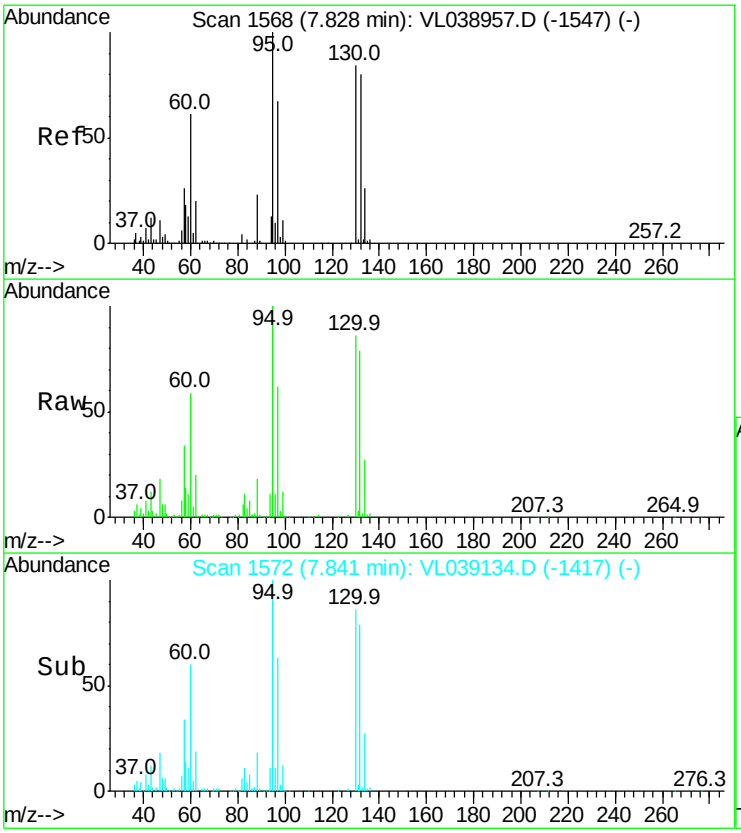
#37
1,2-Dichloroethane
Concen: 1.99 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 373677

Ion	Ratio	Lower	Upper
62	100		
98	6.2	4.3	6.5

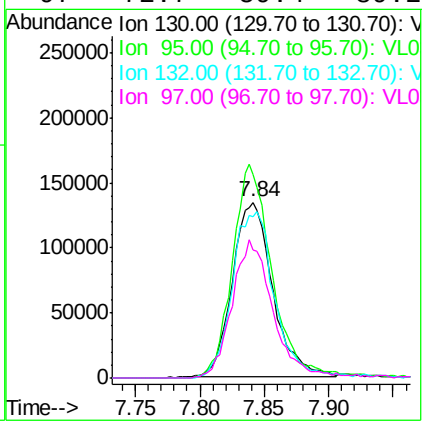


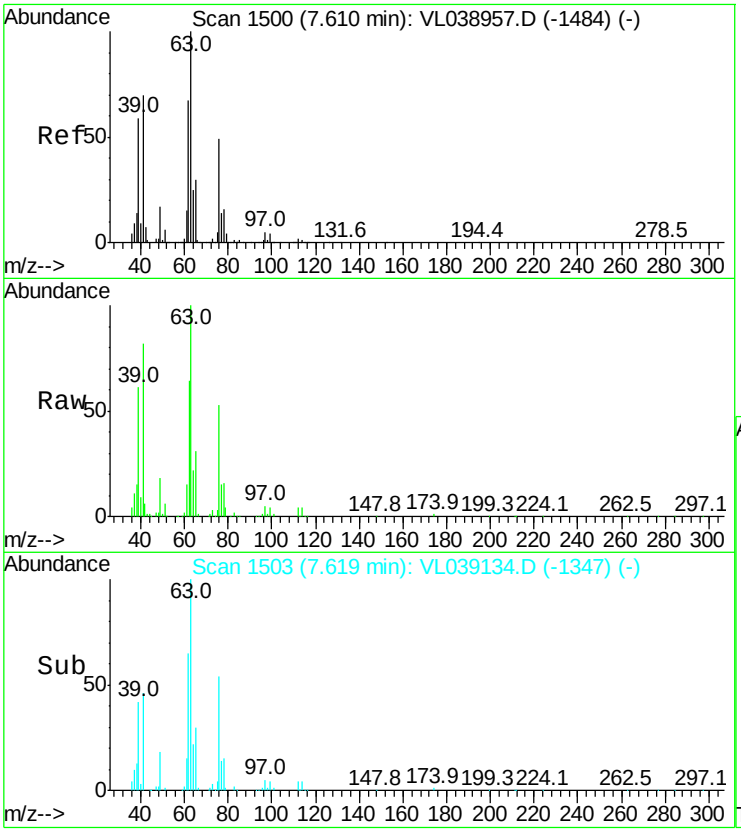


#38
Trichloroethene
Concen: 2.18 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:130 Resp: 294643

Ion	Ratio	Lower	Upper
130	100		
95	116.8	93.3	139.9
132	92.3	79.0	118.4
97	72.7	59.4	89.2



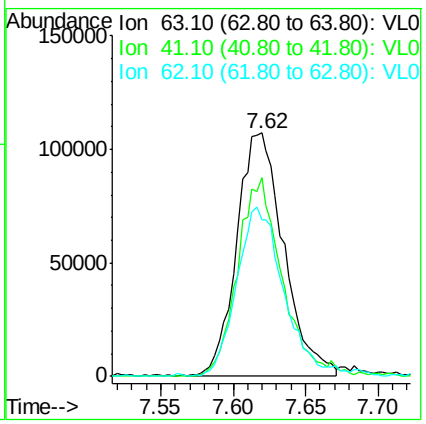


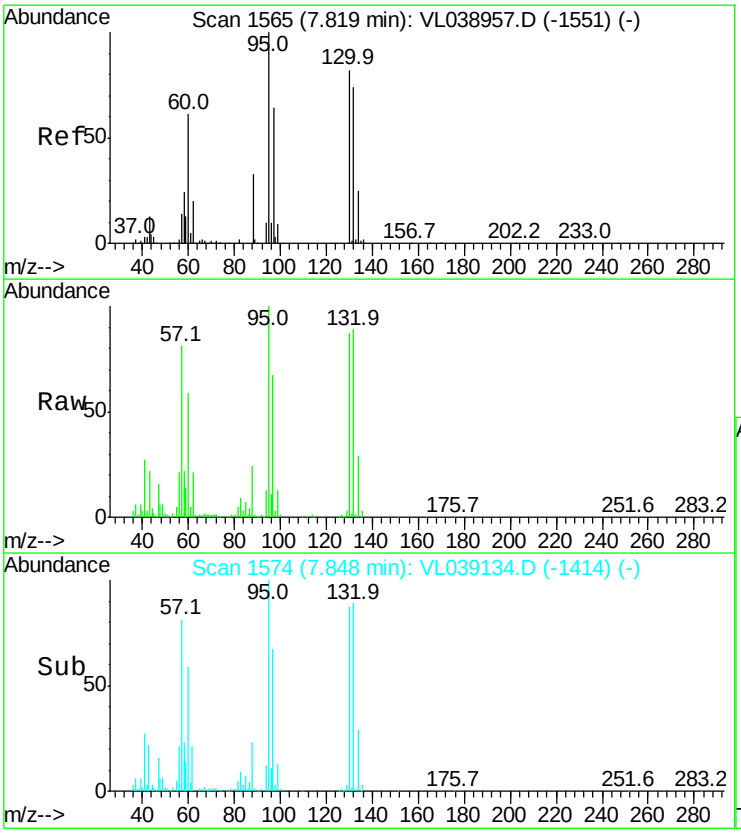
#39
1,2-Dichloropropane
Concen: 2.03 ppbv
RT: 7.62
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 63 Resp: 239659

Ion	Ratio	Lower	Upper
63	100		
41	81.9	60.8	91.2
62	64.3	52.9	79.3

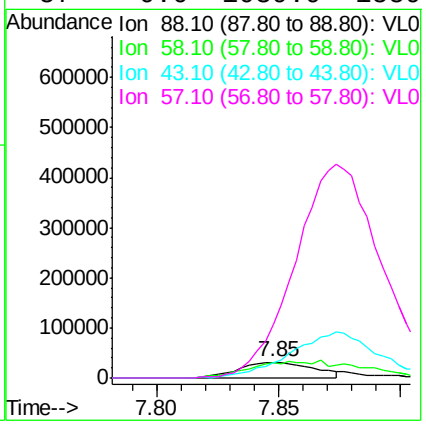


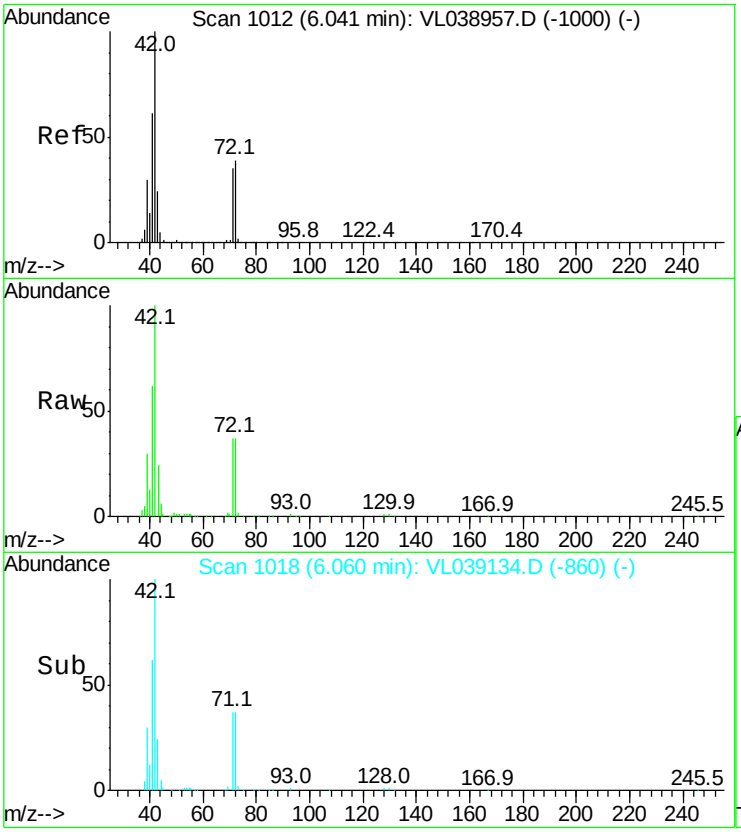


#40
1,4-Dioxane
Concen: 1.57 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 88 Resp: 66698

Ion	Ratio	Lower	Upper
88	100		
58	0.0	111.2	166.8#
43	0.0	234.2	351.4#
57	0.0	1039.9	1559.9#



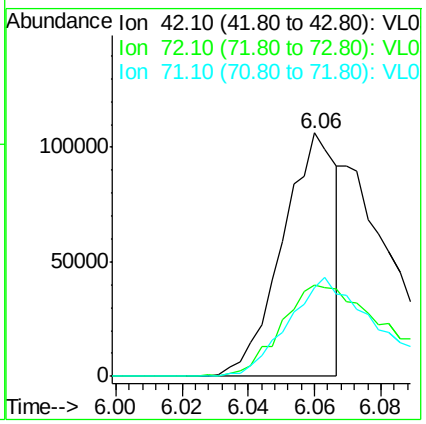


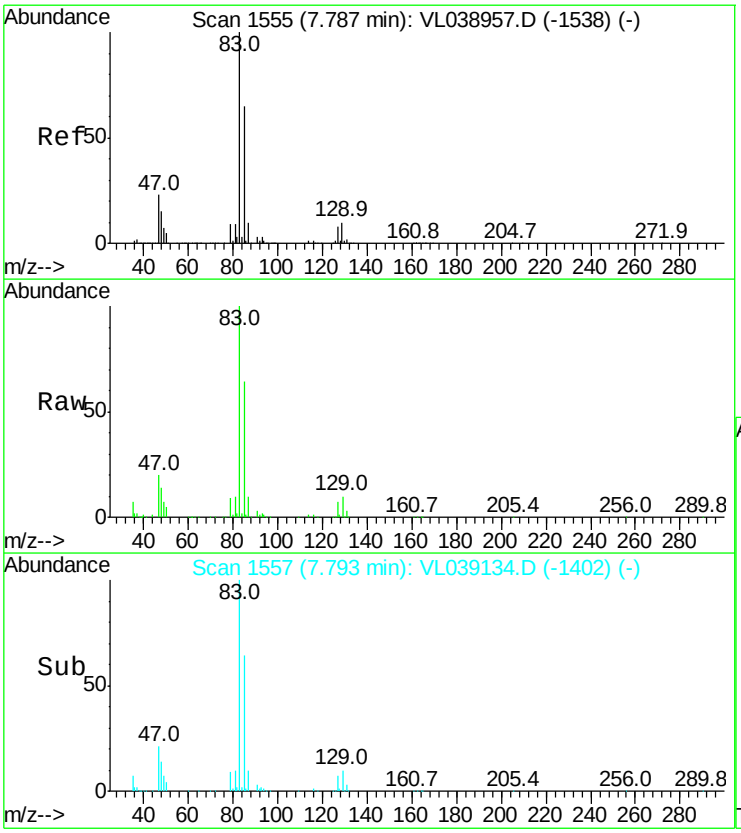
#41
Tetrahydrofuran
Concen: 0.98 ppbv
RT: 6.06
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 42 Resp: 119430

Ion	Ratio	Lower	Upper
42	100		
72	80.0	32.0	48.0#
71	78.5	31.1	46.7#

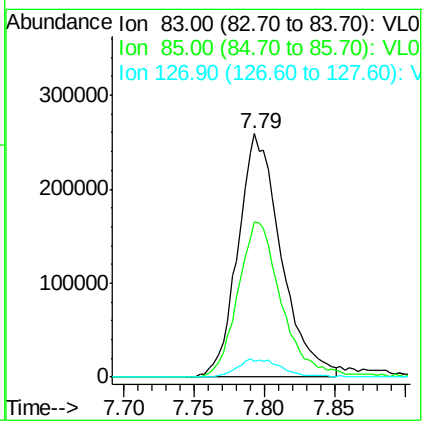


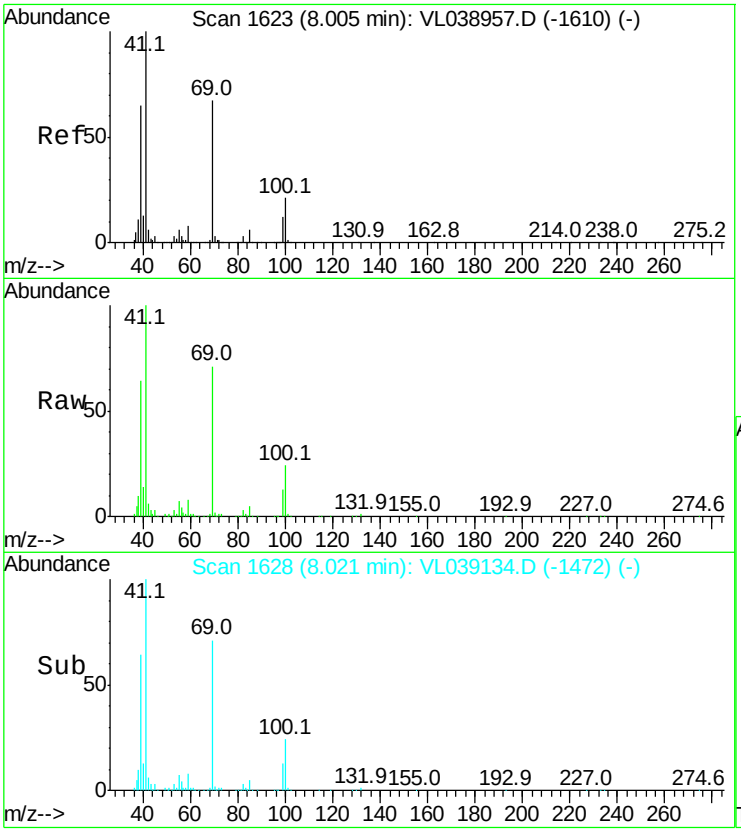


#42
Bromodichloromethane
Concen: 2.16 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 83 Resp: 555706

Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.2	75.4
127	6.7	6.6	9.8



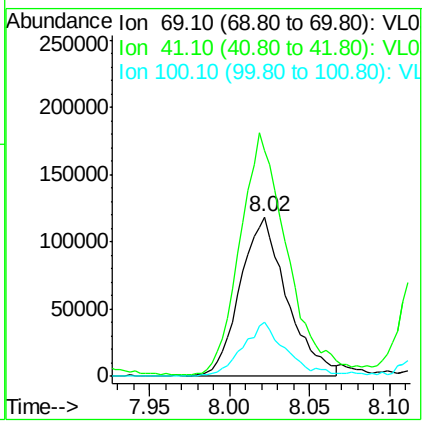


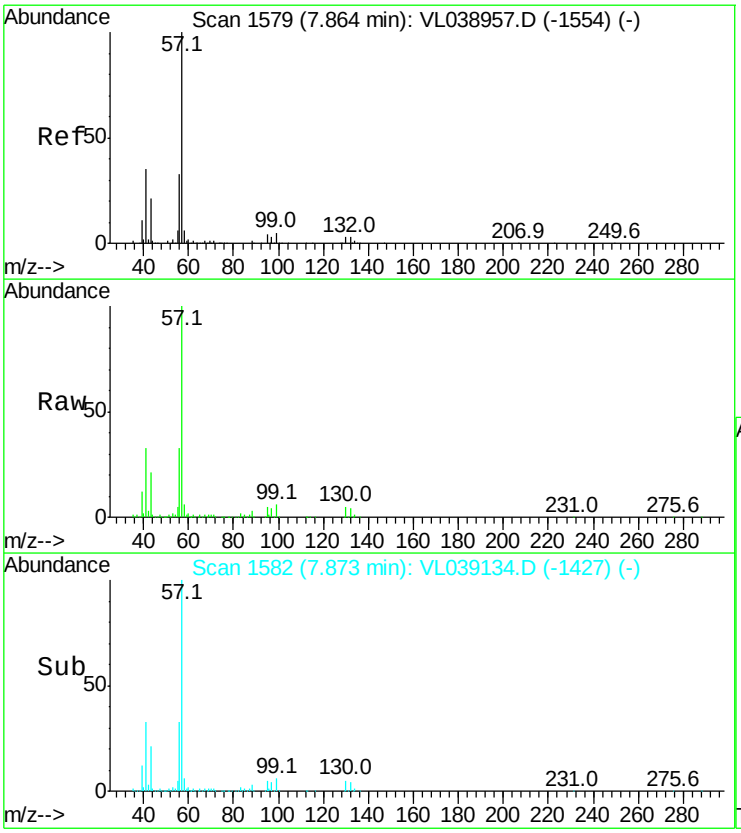
#43
Methyl Methacrylate
Concen: 1.93 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 238259

Ion	Ratio	Lower	Upper
69	100		
41	154.3	121.9	182.9
100	32.7	24.1	36.1

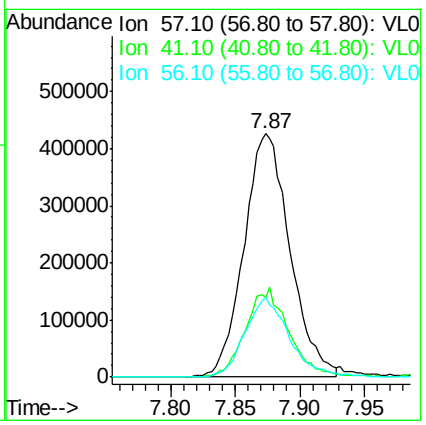


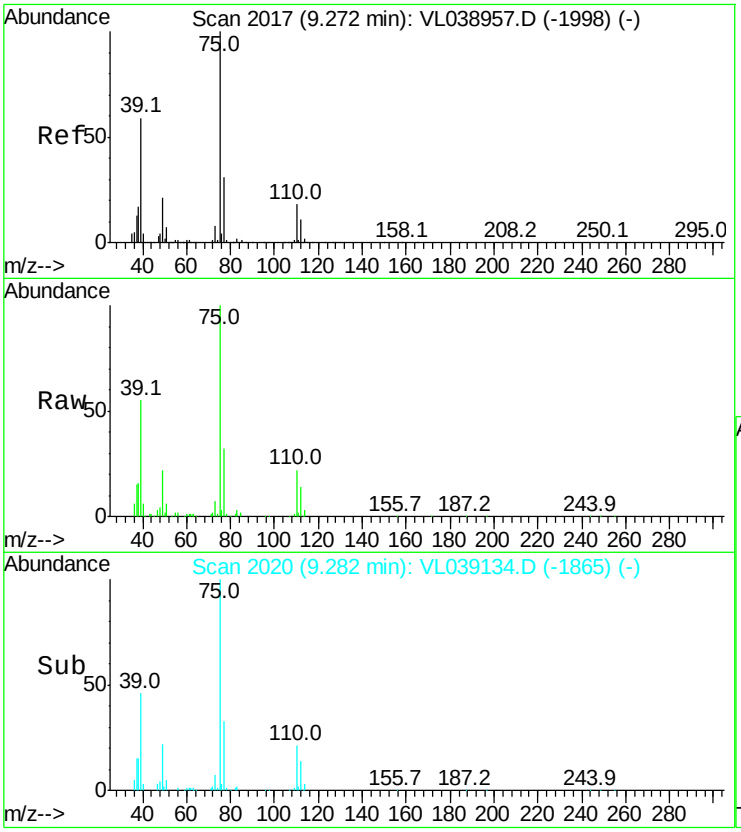


#44
2,2,4-Trimethylpentane
Concen: 1.99 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 57 Resp: 1059815

Ion	Ratio	Lower	Upper
57	100		
41	34.2	26.2	39.4
56	31.7	24.7	37.1



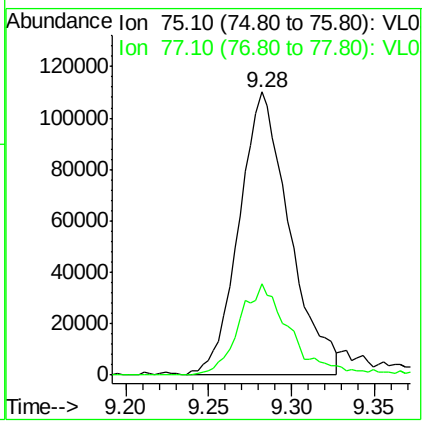


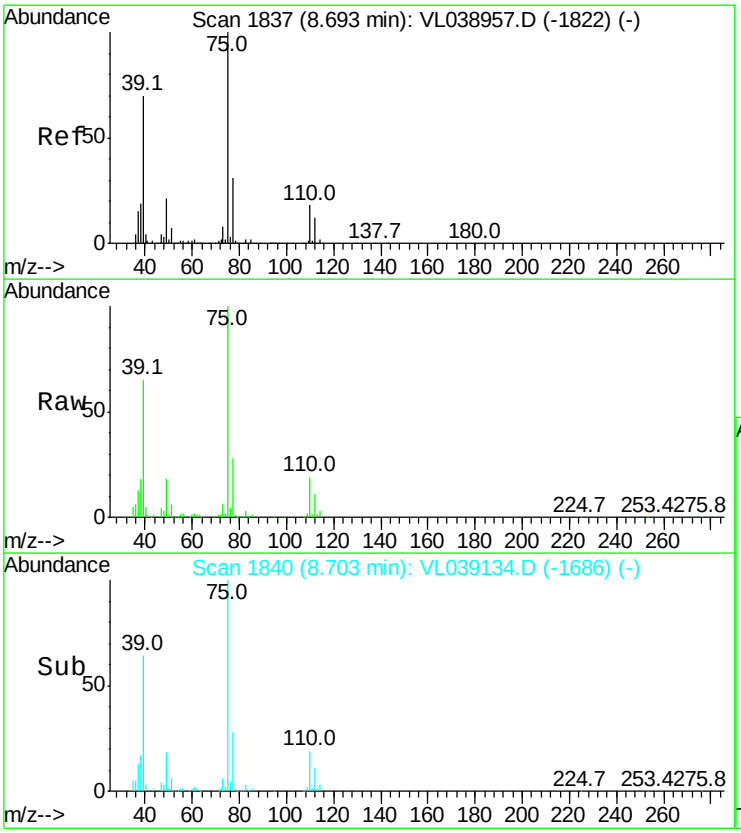
#45
t-1,3-Dichloropropene
Concen: 1.93 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 230827

Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.4	36.6

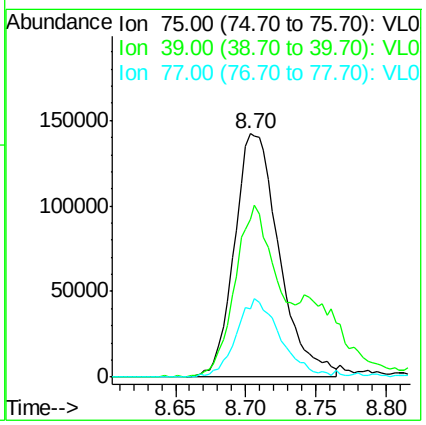


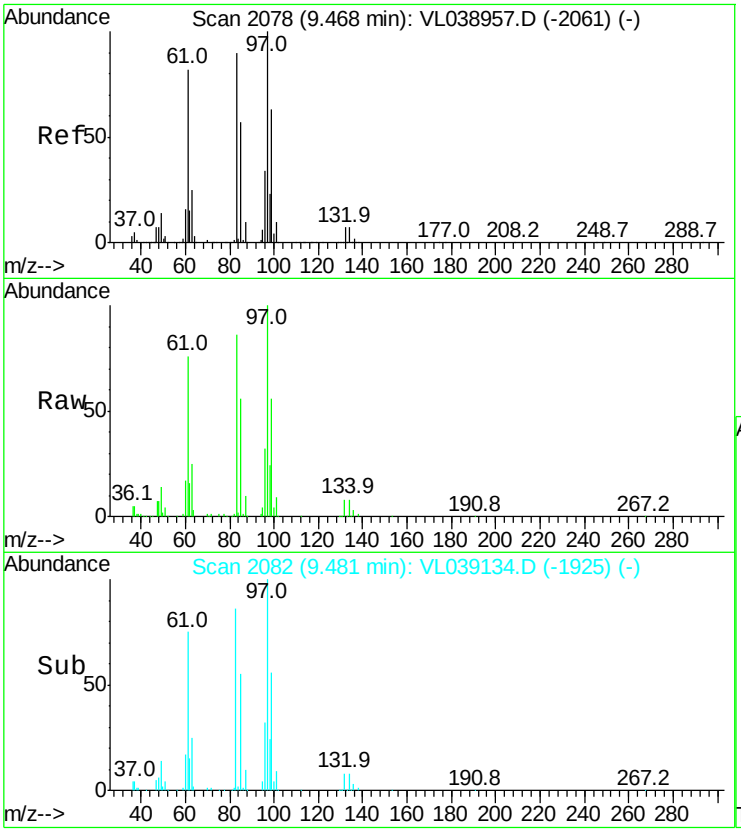


#46
cis-1,3-Dichloropropene
Concen: 2.00 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 75 Resp: 316746

Ion	Ratio	Lower	Upper
75	100		
39	64.6	52.4	78.6
77	28.0	25.5	38.3



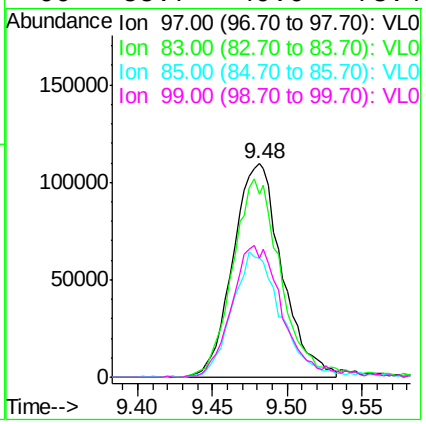


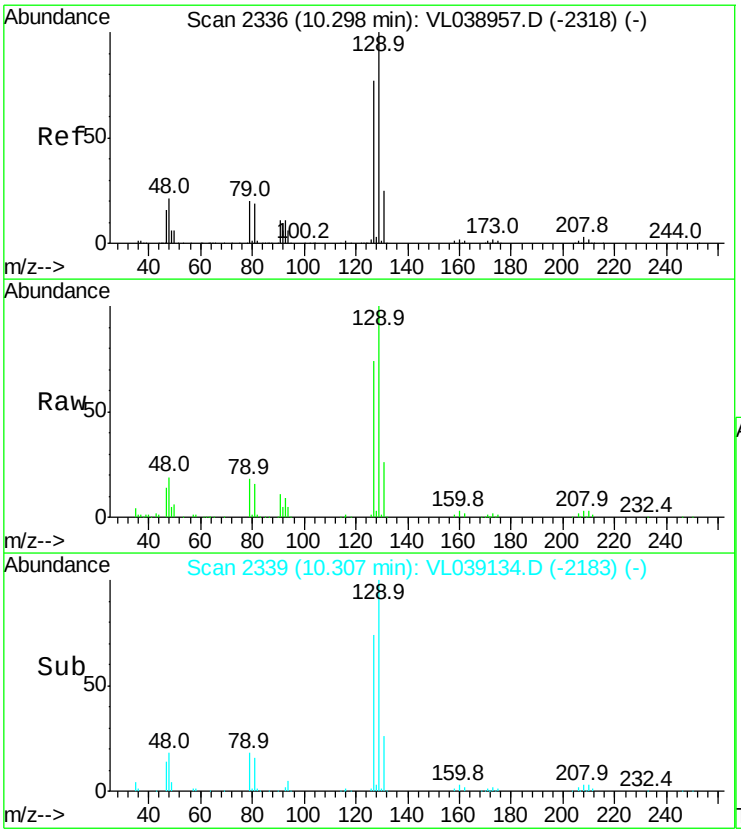
#47
1,1,2-Trichloroethane
Concen: 2.02 ppbv
RT: 9.48
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 248744

Ion	Ratio	Lower	Upper
97	100		
83	85.7	71.6	107.4
85	55.3	44.8	67.2
99	55.7	49.0	73.4

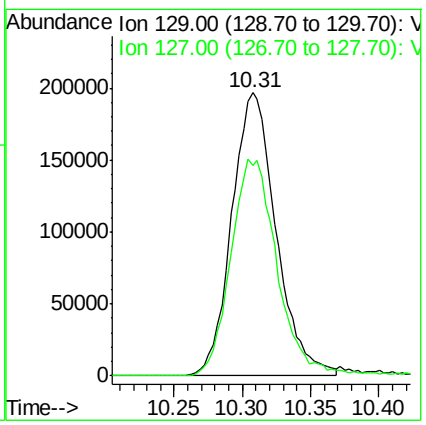


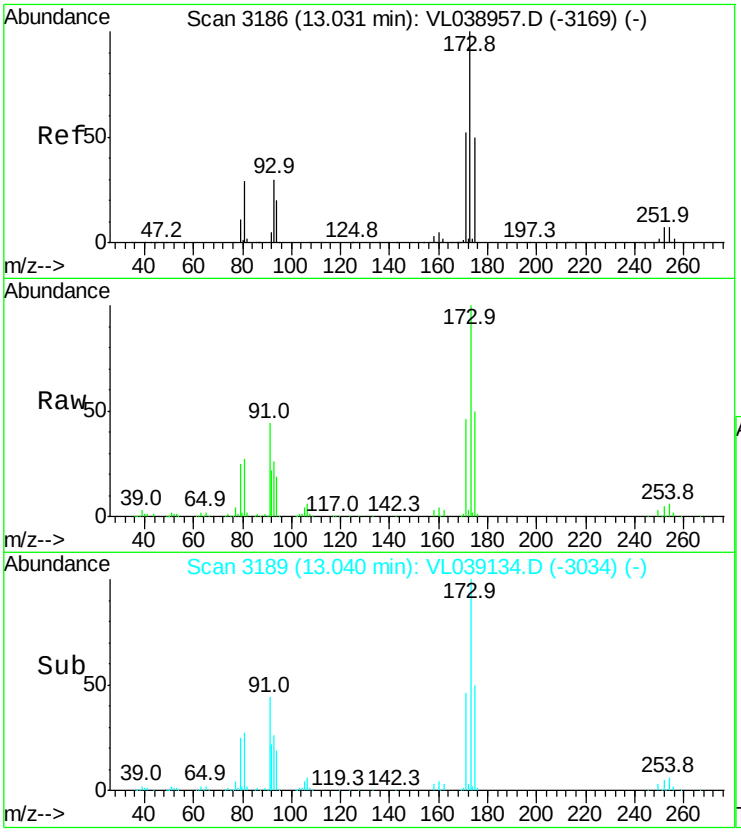


#48
Dibromochloromethane
Concen: 2.22 ppbv
RT: 10.31 min Scan# 2339
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:129 Resp: 443510

Ion	Ratio	Lower	Upper
129	100		
127	80.1	40.0	119.9



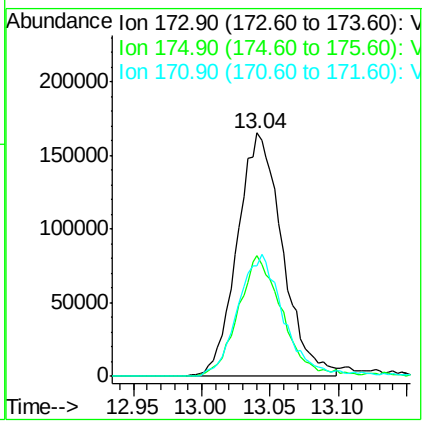


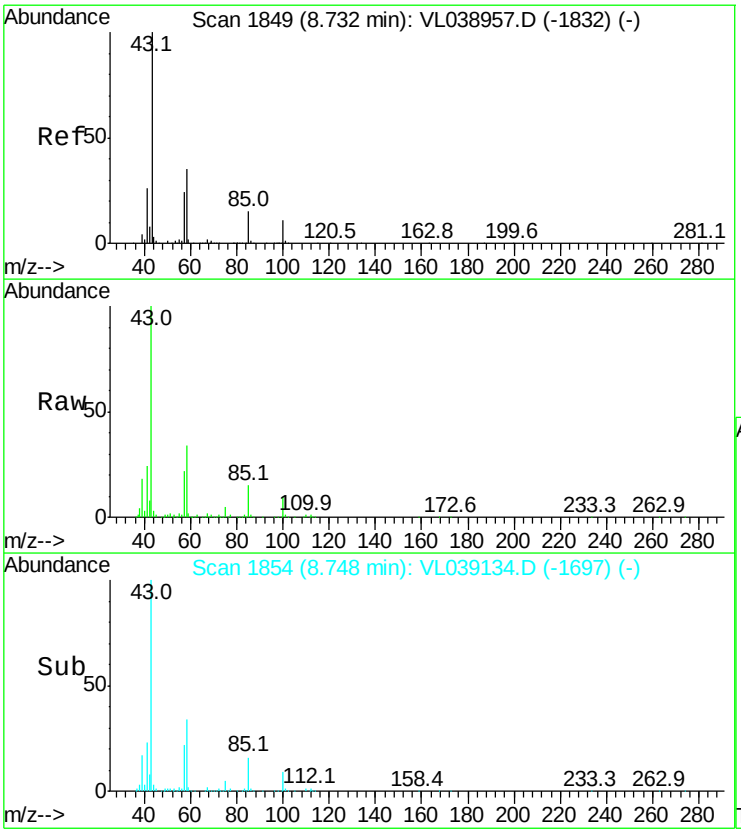
#49
Bromoform
Concen: 2.49 ppbv
RT: 13.04
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 379561

Ion	Ratio	Lower	Upper
173	100		
175	48.3	40.2	60.2
171	51.3	43.9	65.9

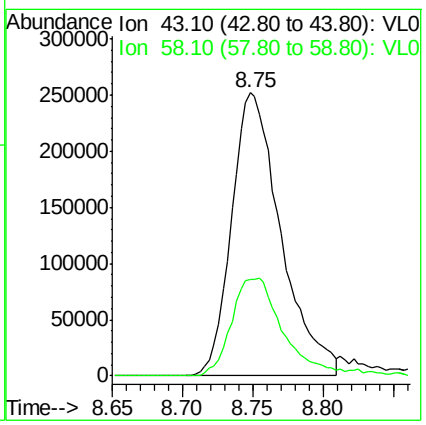


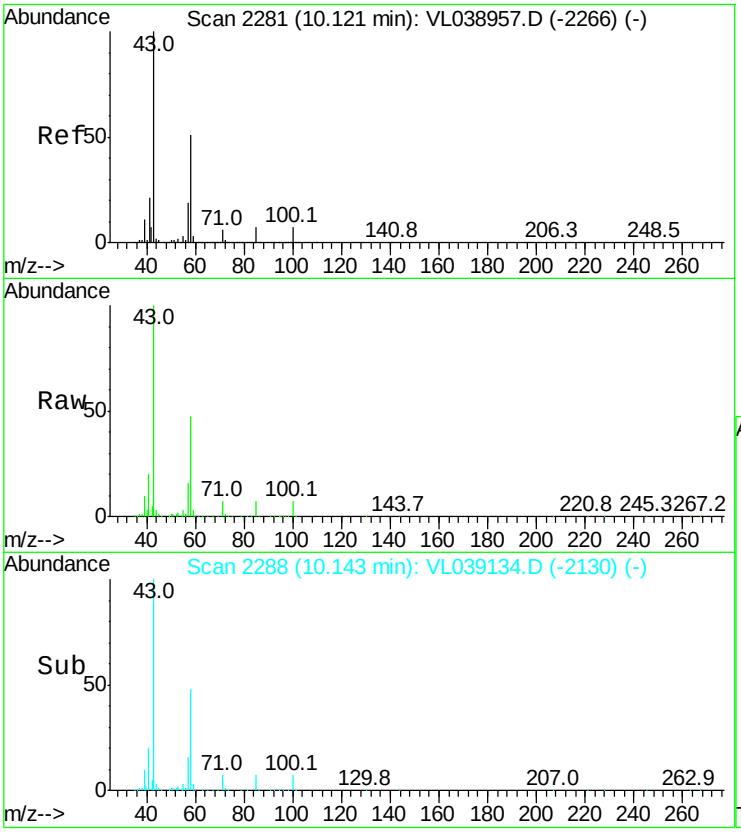


#50
4-Methyl-2-Pentanone
Concen: 1.94 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 43 Resp: 617495

Ion	Ratio	Lower	Upper
43	100		
58	37.2	28.7	43.1



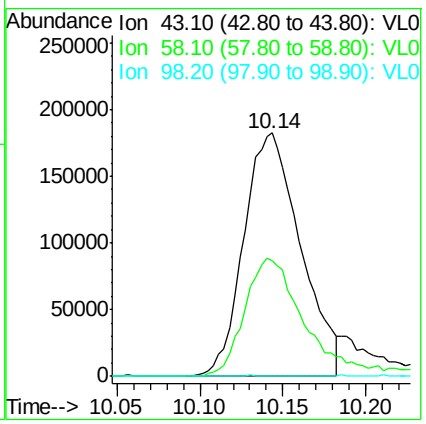


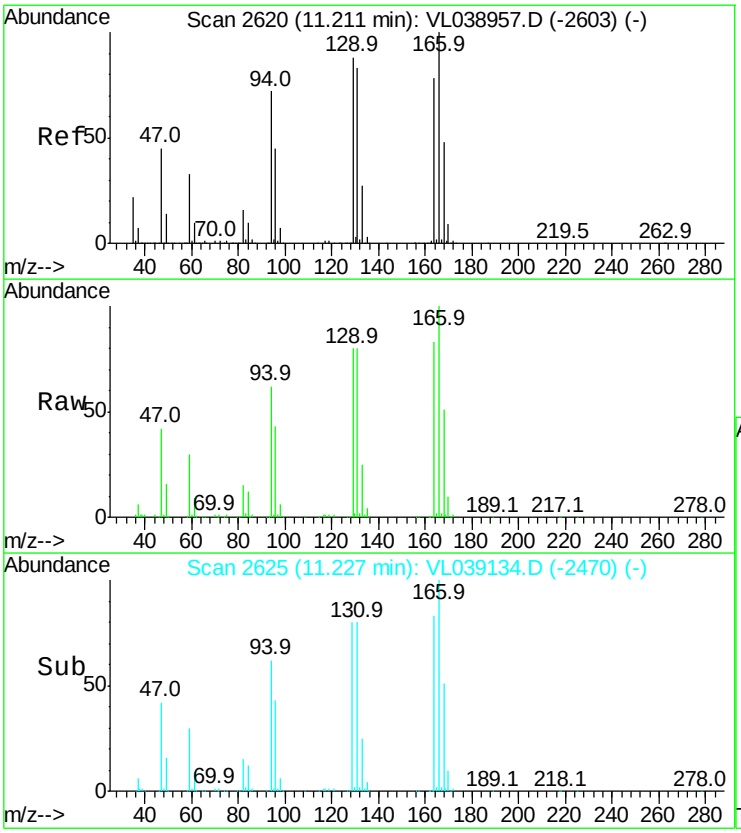
#51
2-Hexanone
Concen: 1.87 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 433399

Ion	Ratio	Lower	Upper
43	100		
58	53.4	40.0	60.0
98	0.4	0.1	0.1#

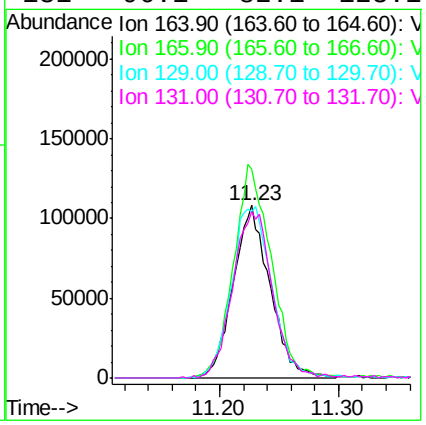


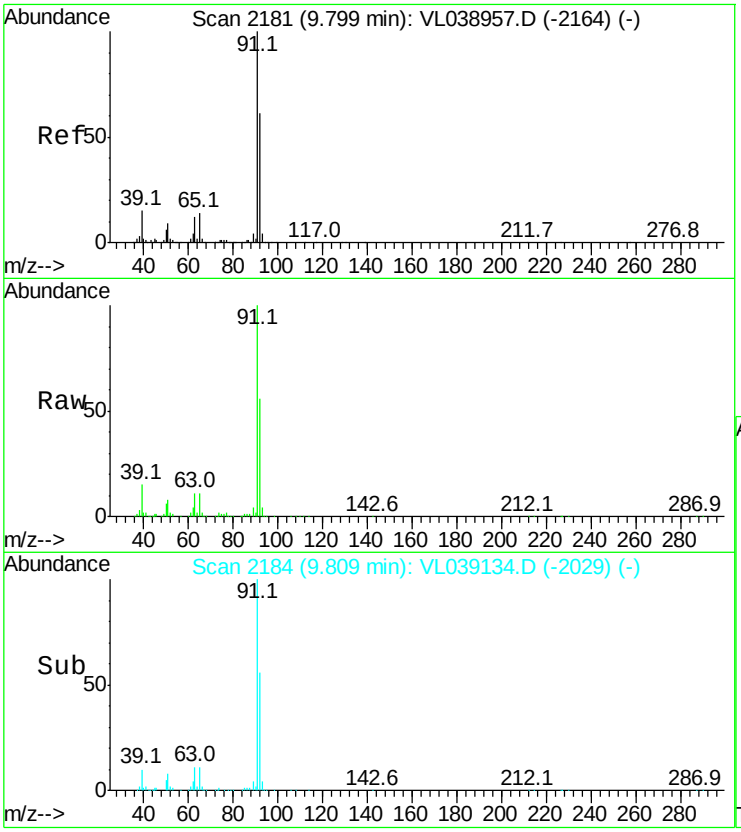


#52
Tetrachloroethene
Concen: 2.14 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:164 Resp: 232143

Ion	Ratio	Lower	Upper
164	100		
166	120.7	96.3	144.5
129	96.2	82.5	123.7
131	96.1	82.1	123.1



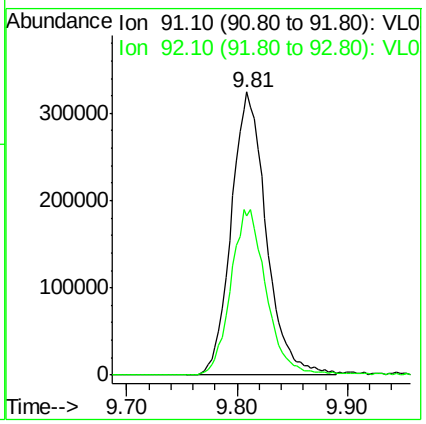


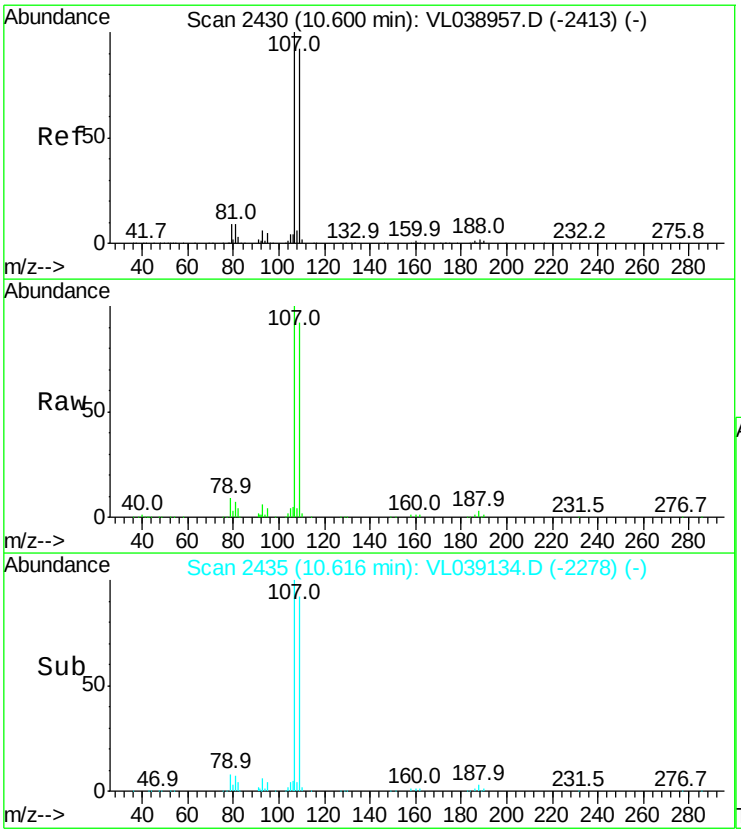
#53
Toluene
Concen: 2.10 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 713272

Ion	Ratio	Lower	Upper
91	100		
92	59.7	48.1	72.1

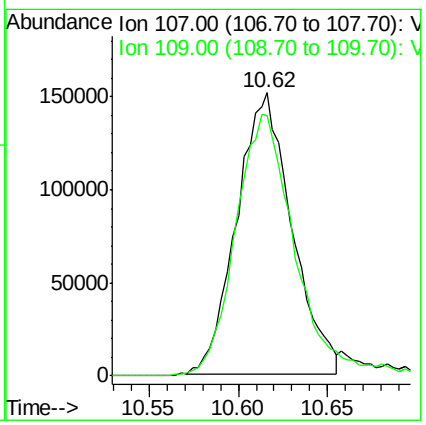


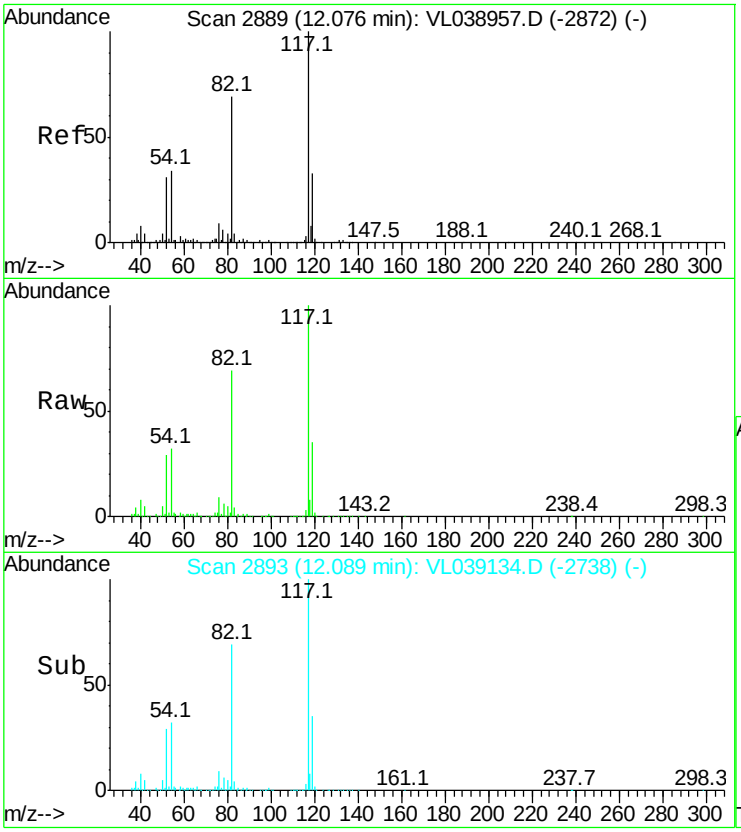


#54
1,2-Dibromoethane
Concen: 1.96 ppbv
RT: 10.62 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:107 Resp: 327356

Ion	Ratio	Lower	Upper
107	100		
109	91.5	71.4	107.0



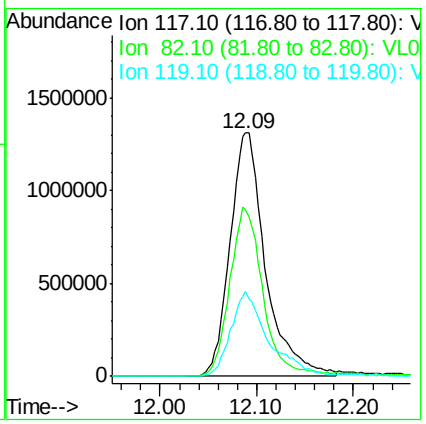


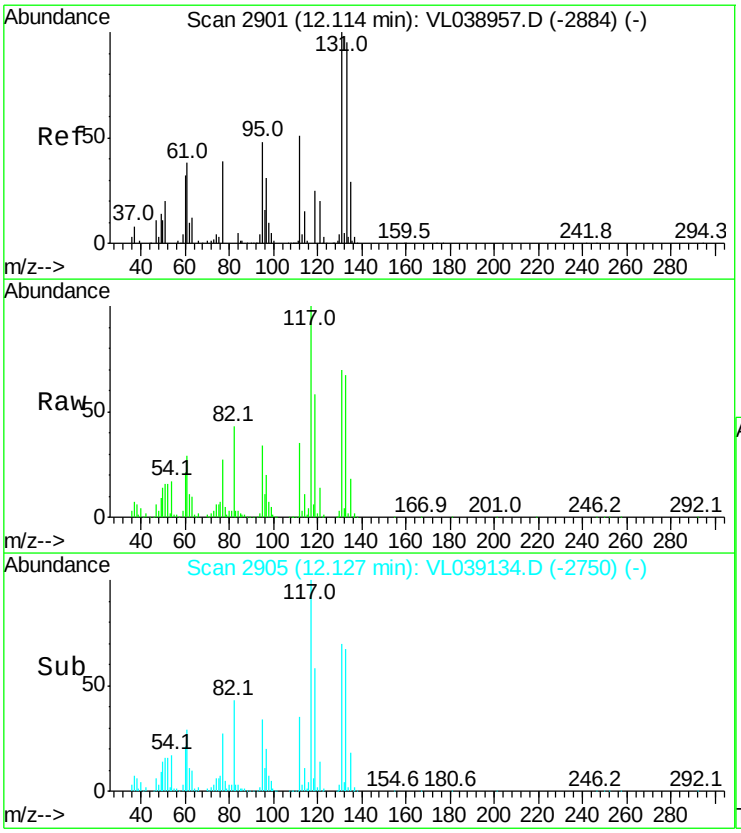
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 3348661

Ion	Ratio	Lower	Upper
117	100		
82	67.0	55.1	82.7
119	37.2	24.7	37.1#

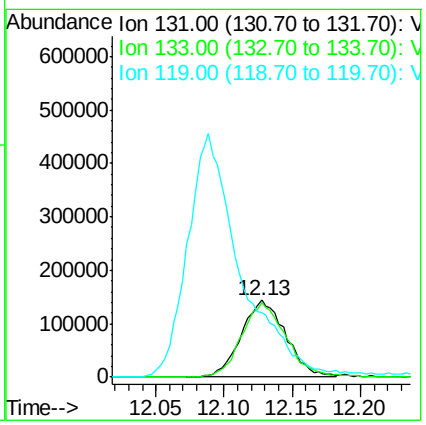


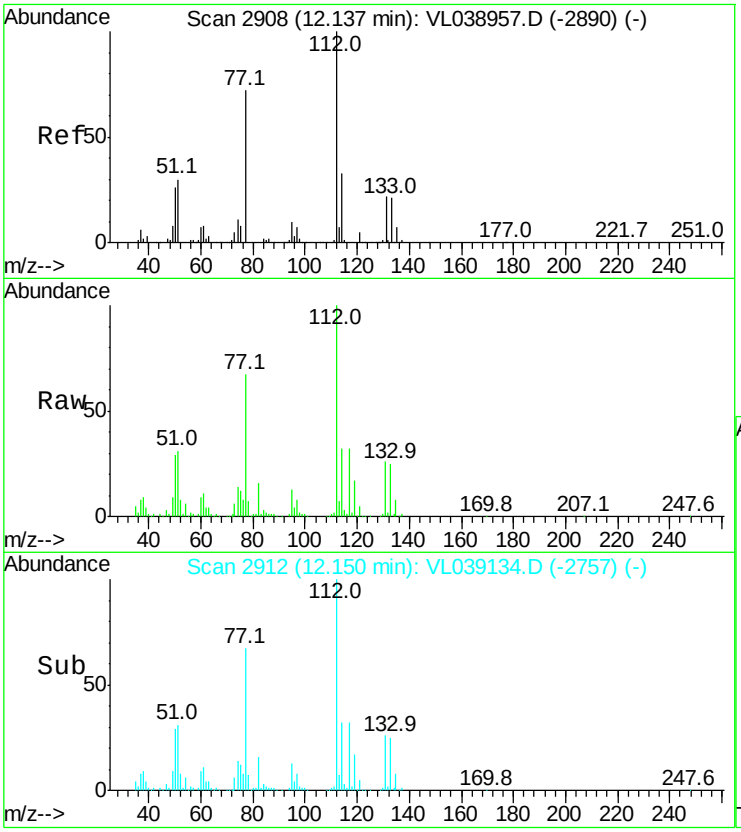


#56
1,1,1,2-Tetrachloroethane
Concen: 2.22 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:131 Resp: 325734

Ion	Ratio	Lower	Upper
131	100		
133	98.2	78.6	117.8
119	387.4	51.7	77.5#



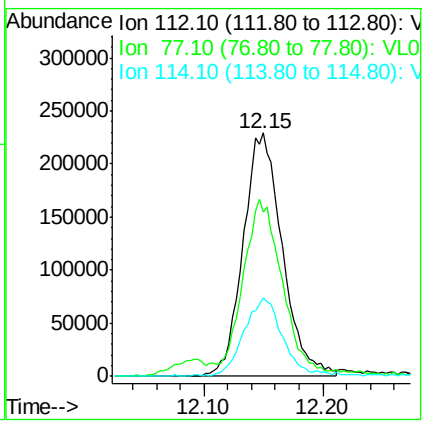


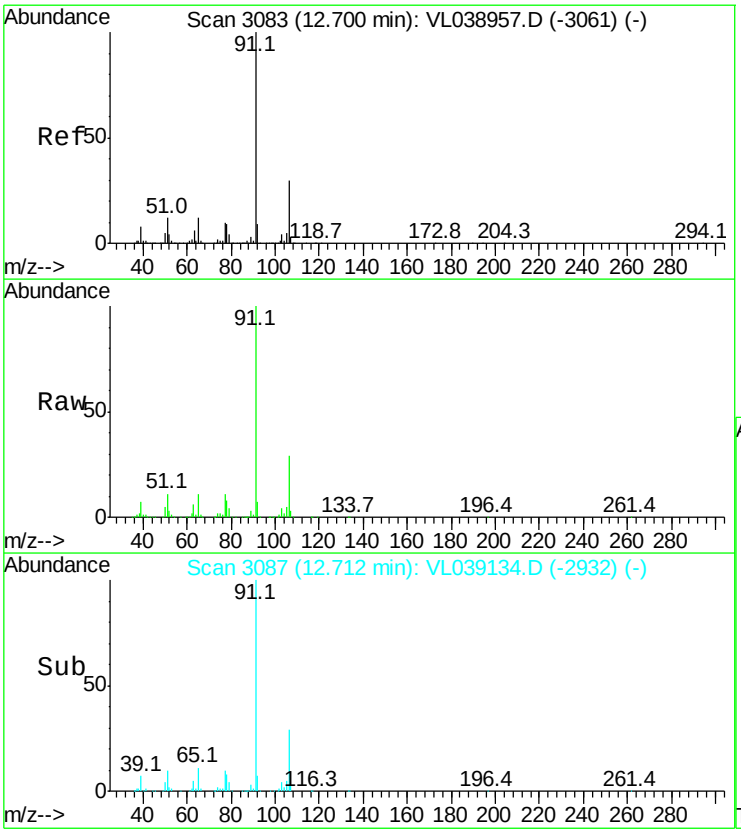
#57
Chlorobenzene
Concen: 2.08 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 522000

Ion	Ratio	Lower	Upper
112	100		
77	64.6	56.5	84.7
114	31.7	30.3	37.1

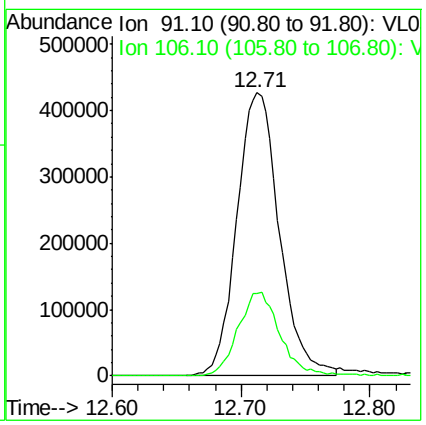


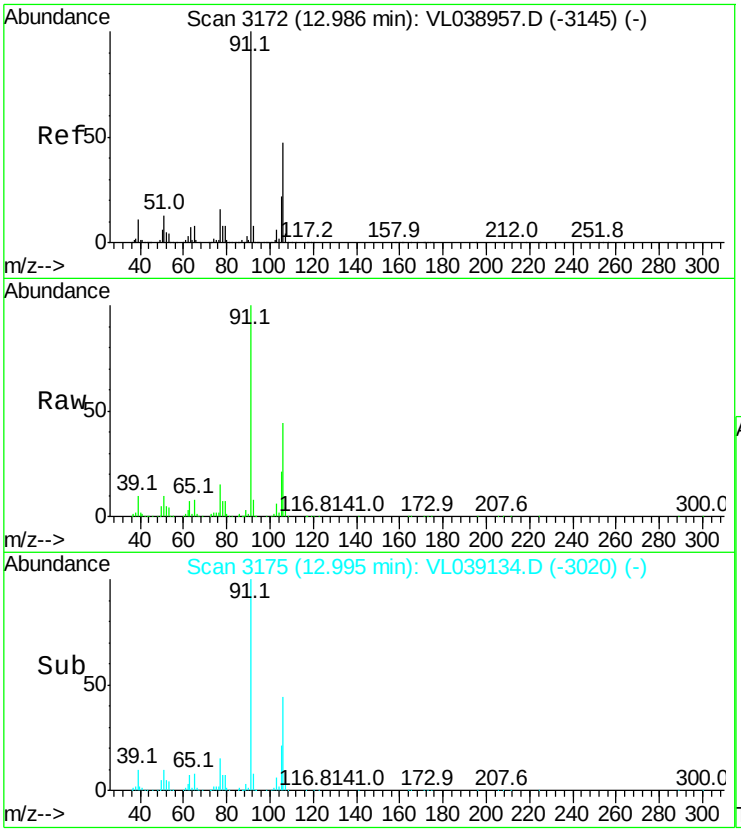


#58
Ethyl Benzene
Concen: 2.03 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 91 Resp: 980032

Ion	Ratio	Lower	Upper
91	100		
106	29.0	24.2	36.4



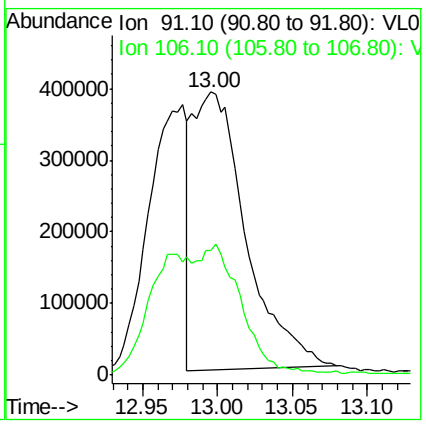


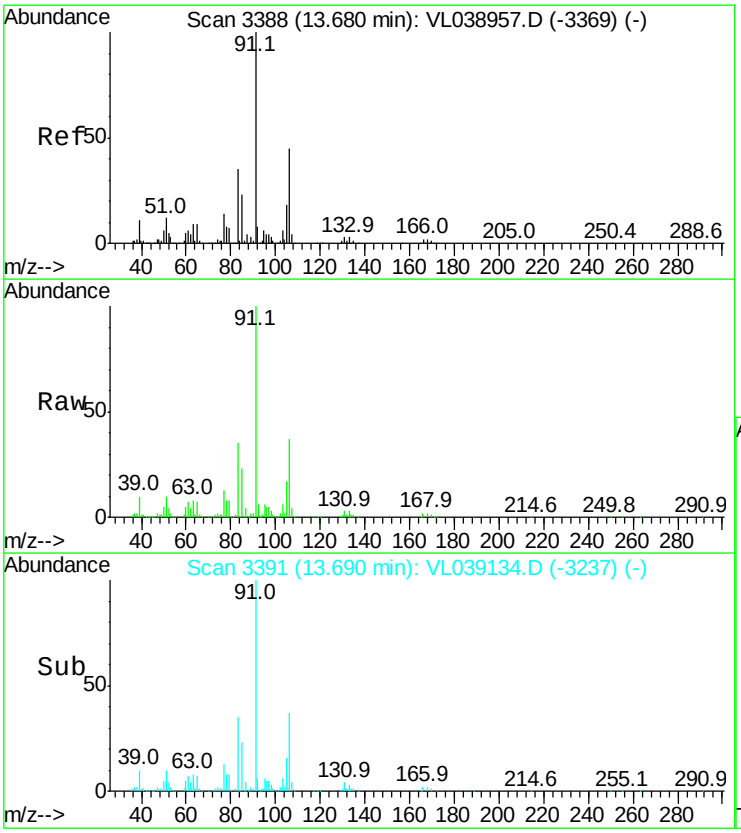
#59
m/p-Xylene
Concen: 2.33 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 959568

Ion	Ratio	Lower	Upper
91	100		
106	75.0	34.3	51.5#

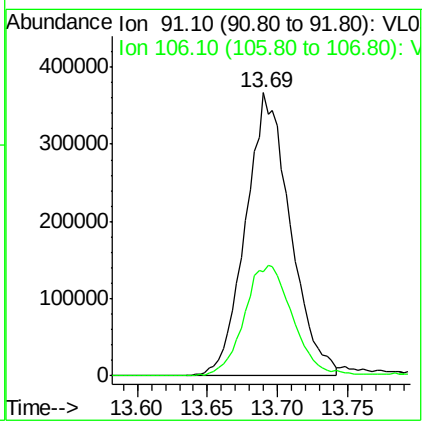


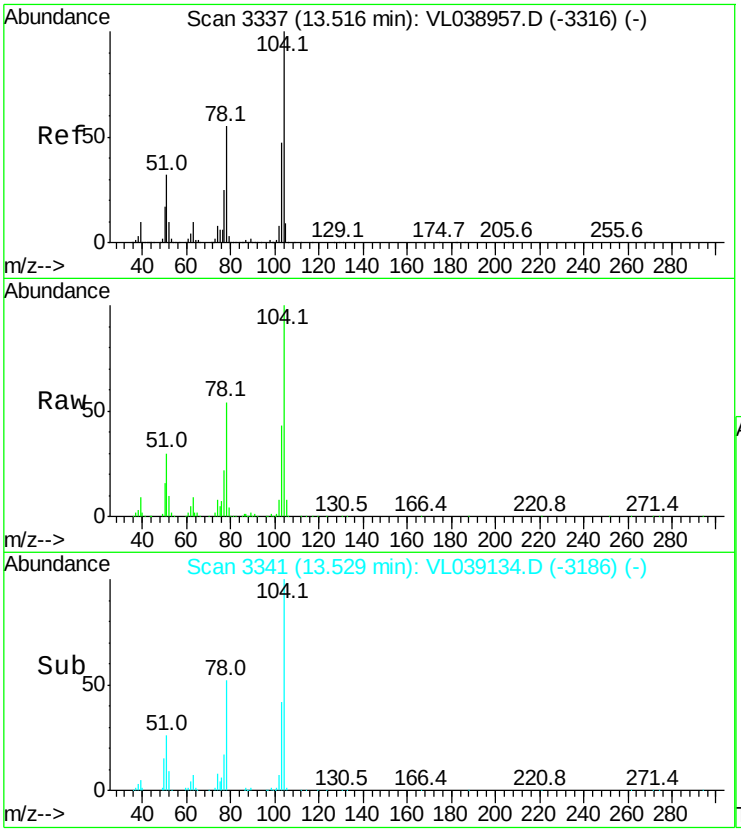


#60
o-Xylene
Concen: 2.09 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 91 Resp: 809591

Ion	Ratio	Lower	Upper
91	100		
106	42.7	22.3	66.9



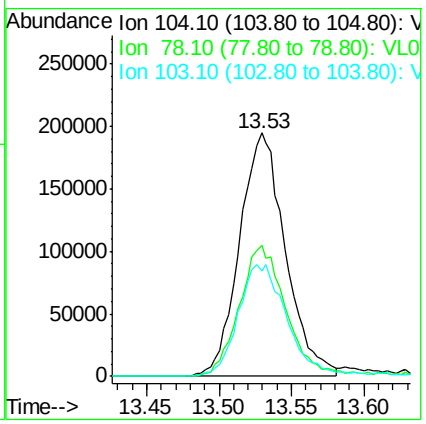


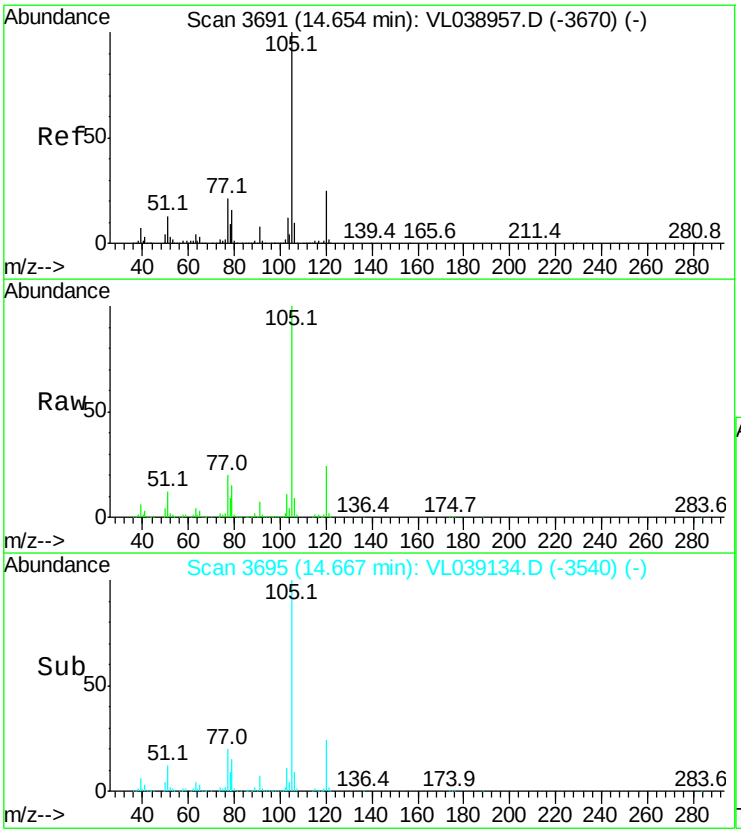
#61
Styrene
Concen: 2.06 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:104 Resp: 426779

Ion	Ratio	Lower	Upper
104	100		
78	56.0	45.7	68.5
103	49.8	39.6	59.4

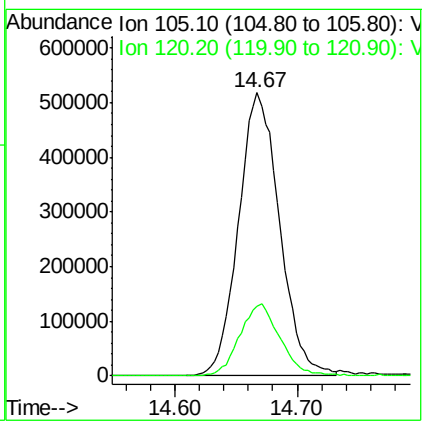


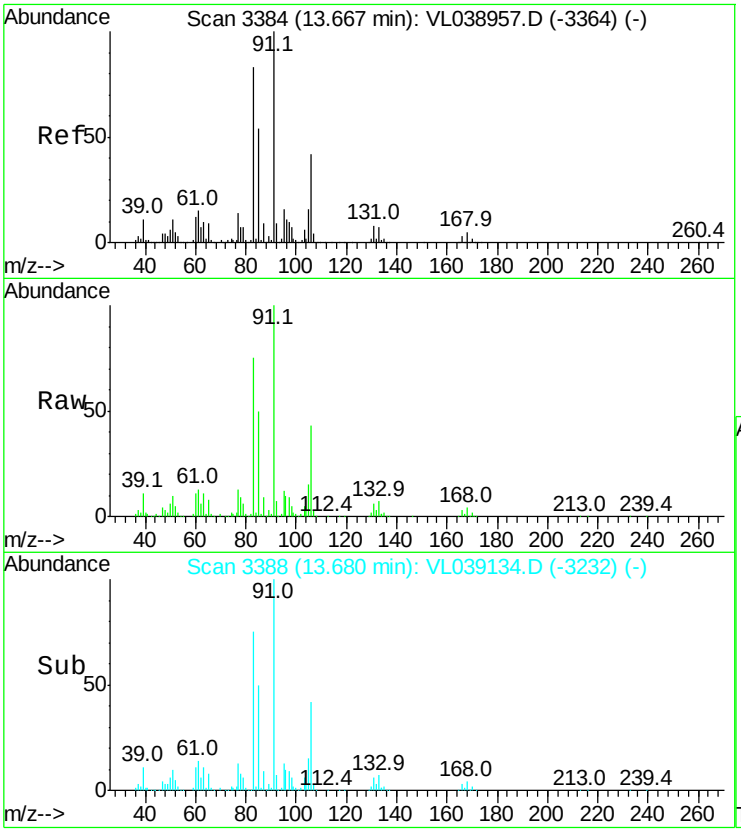


#62
Isopropylbenzene
Concen: 2.12 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:105 Resp: 1199861

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.3	30.5



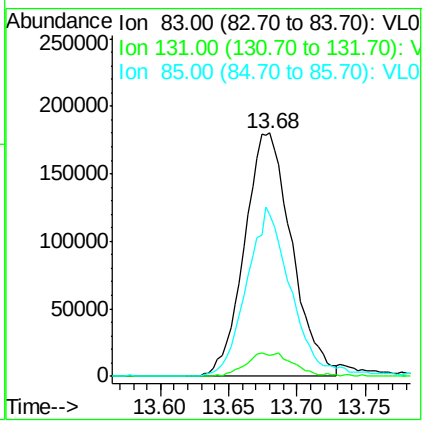


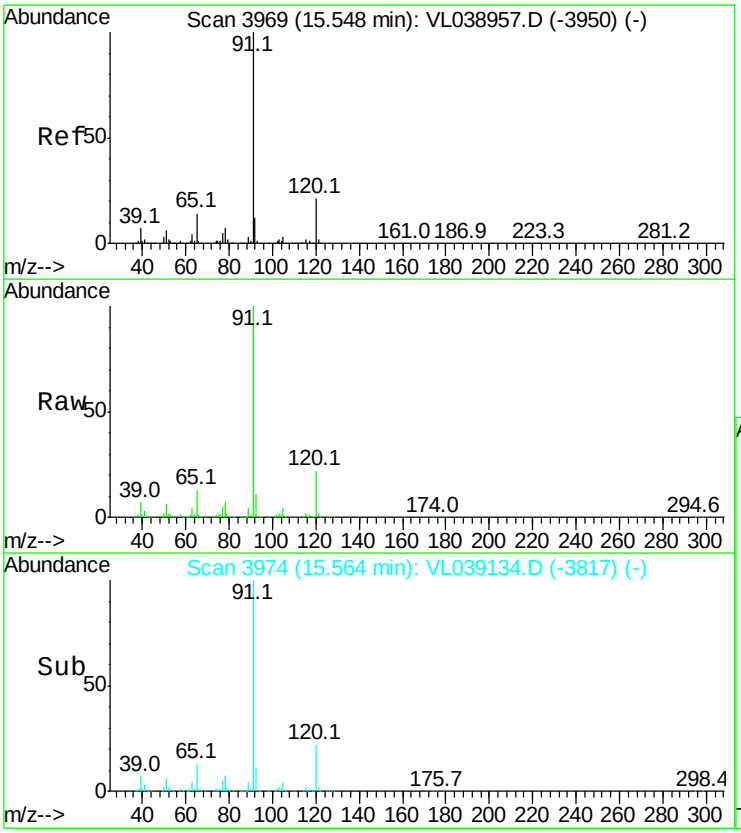
#63
1,1,2,2-Tetrachloroethane
Concen: 1.90 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 432946

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.8	14.3
85	66.1	33.0	99.0

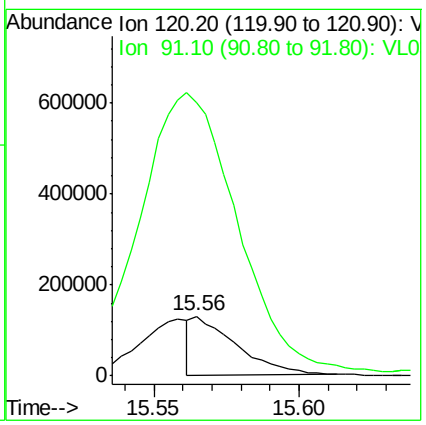


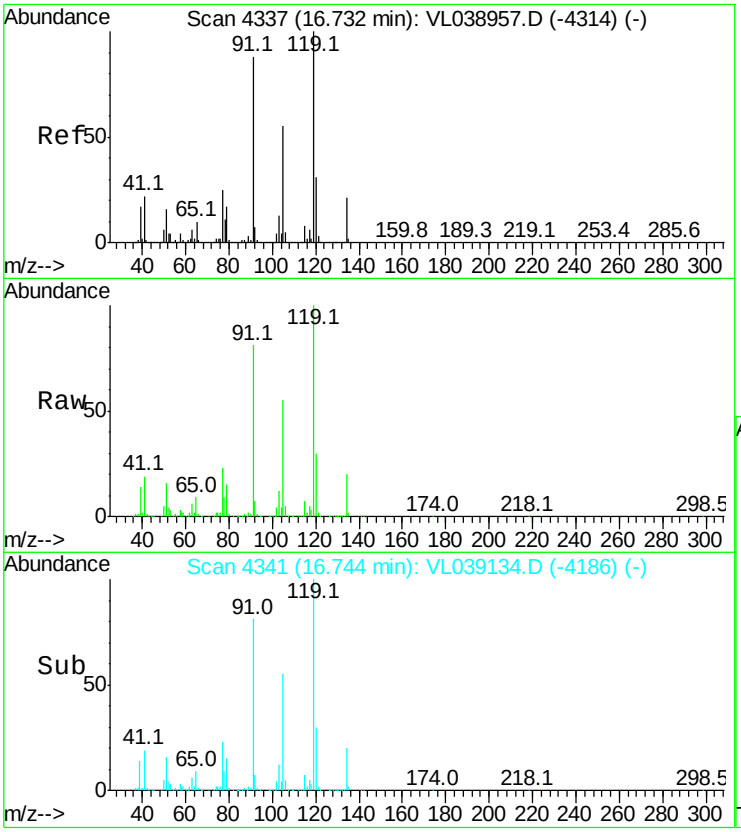


#64
n-propylbenzene
Concen: 0.99 ppbv
RT: 15.56 min Scan# 3974
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:120 Resp: 134855

Ion	Ratio	Lower	Upper
120	100		
91	1119.5	388.4	582.6#



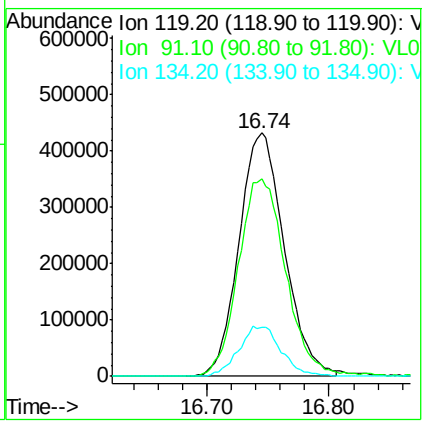


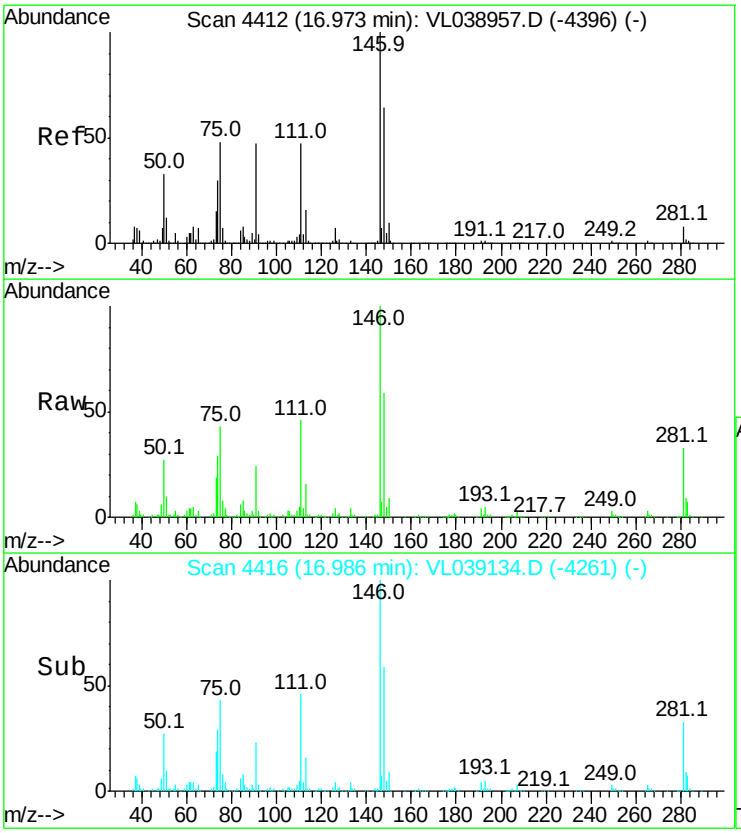
#65
tert-Butylbenzene
Concen: 2.24 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1109836

Ion	Ratio	Lower	Upper
119	100		
91	85.1	67.1	100.7
134	19.4	15.8	23.8

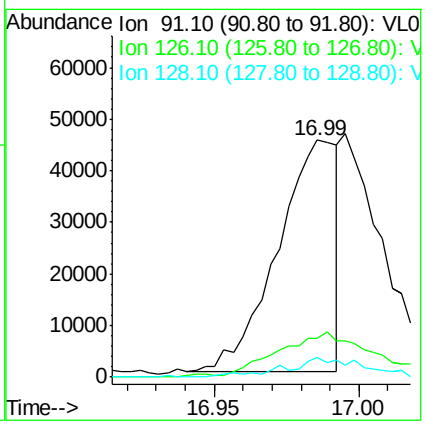


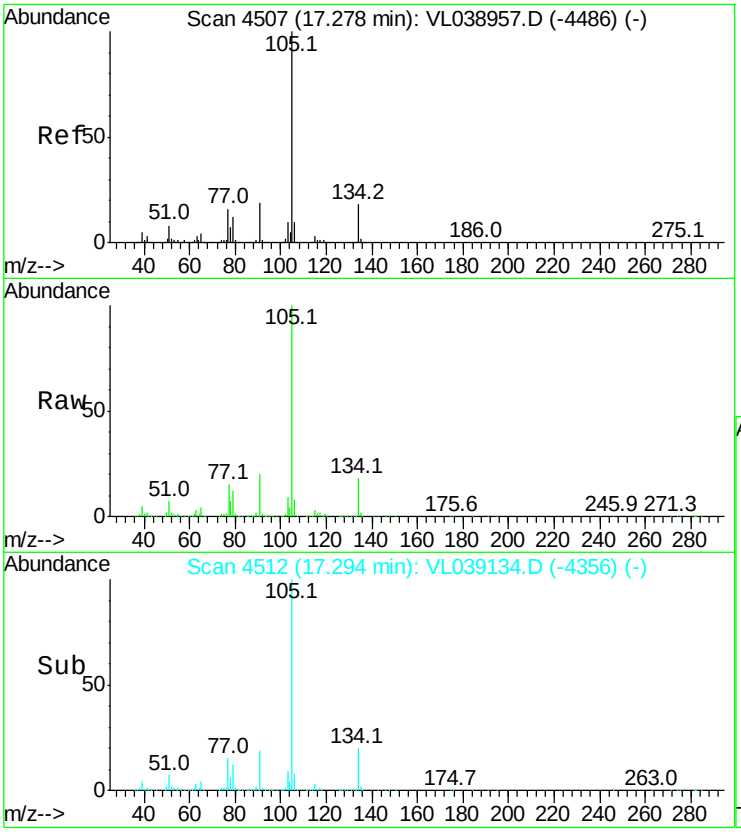


#66
Benzyl Chloride
Concen: 0.98 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 91 Resp: 63603

Ion	Ratio	Lower	Upper
91	100		
126	34.6	13.4	20.0#
128	13.2	4.1	6.1#



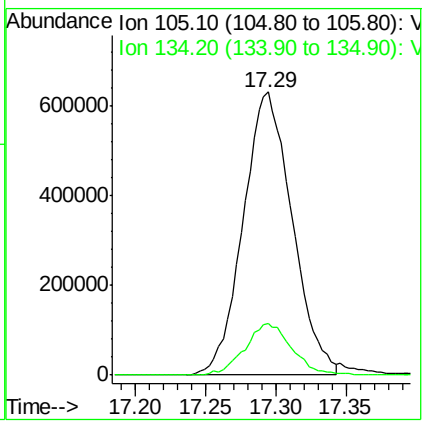


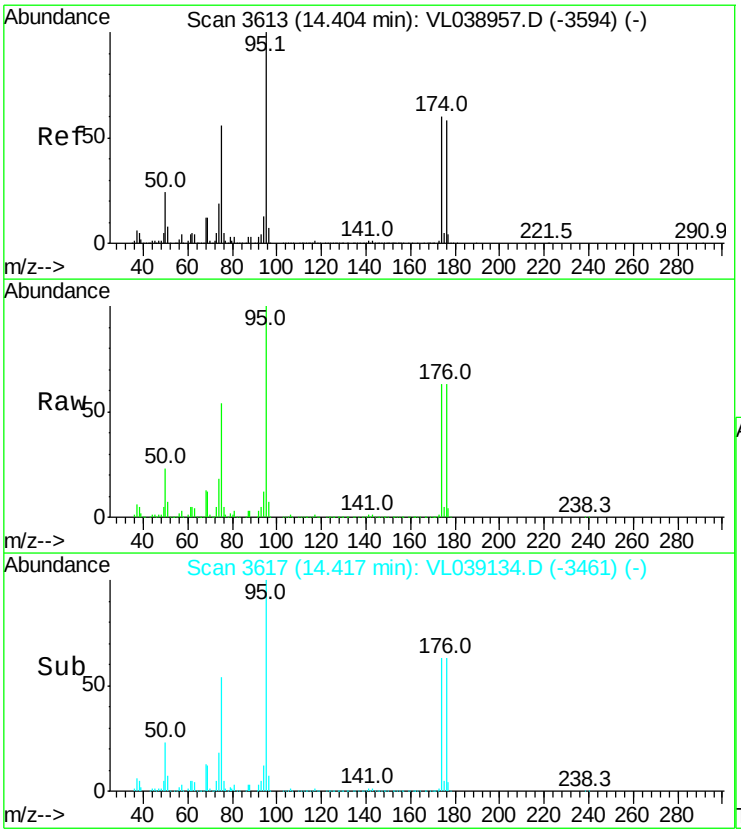
#67
sec-Butylbenzene
Concen: 2.16 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1527978

Ion	Ratio	Lower	Upper
105	100		
134	17.8	14.4	21.6

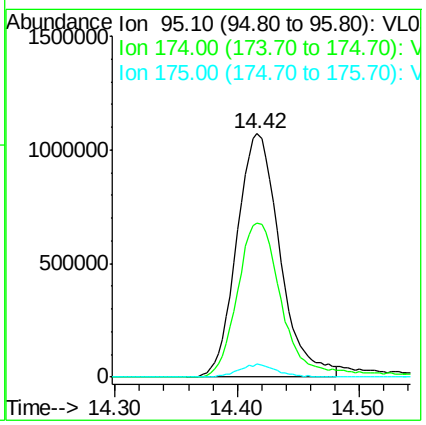


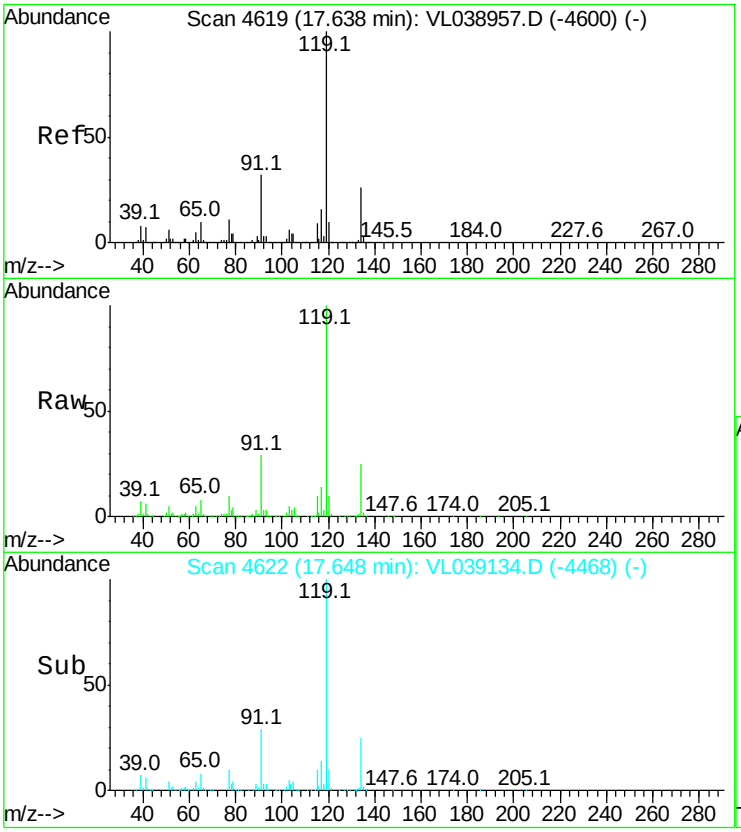


#68
1-Bromo-4-Fluorobenzene
Concen: 9.86 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 95 Resp: 2614279

Ion	Ratio	Lower	Upper
95	100		
174	67.7	53.8	80.8
175	5.1	4.1	6.1



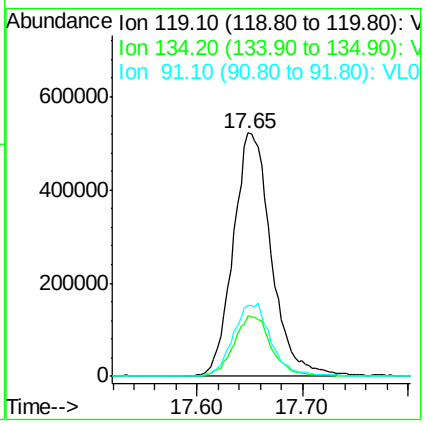


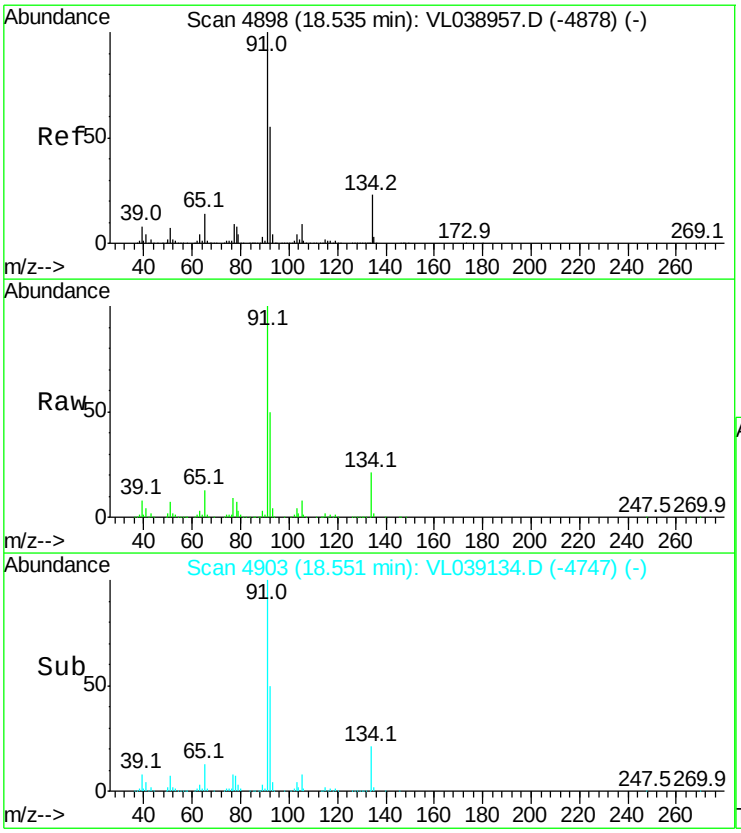
#69
p-Isopropyltoluene
Concen: 2.28 ppbv
RT: 17.65
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1303596

Ion	Ratio	Lower	Upper
119	100		
134	24.7	20.4	30.6
91	29.7	24.2	36.4

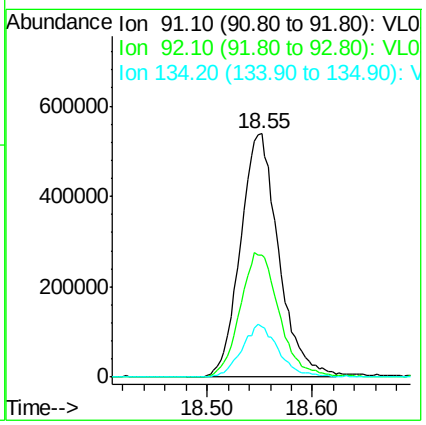


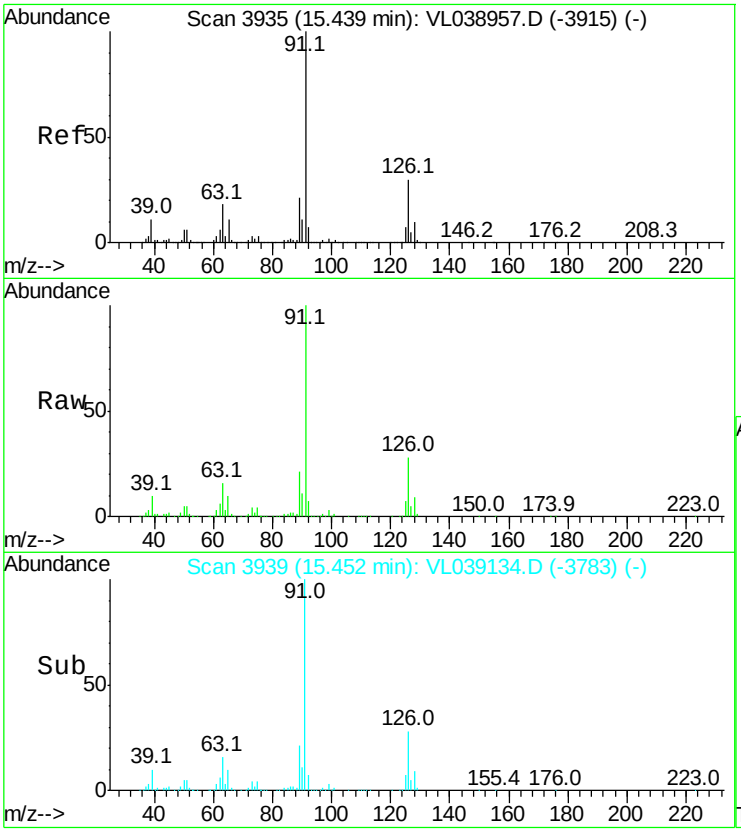


#70
n-Butylbenzene
Concen: 2.23 ppbv
RT: 18.55 min Scan# 4903
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion: 91 Resp: 1358774

Ion	Ratio	Lower	Upper
91	100		
92	52.9	43.6	65.4
134	21.0	17.7	26.5



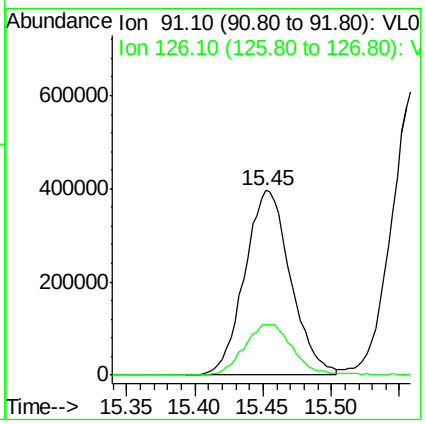


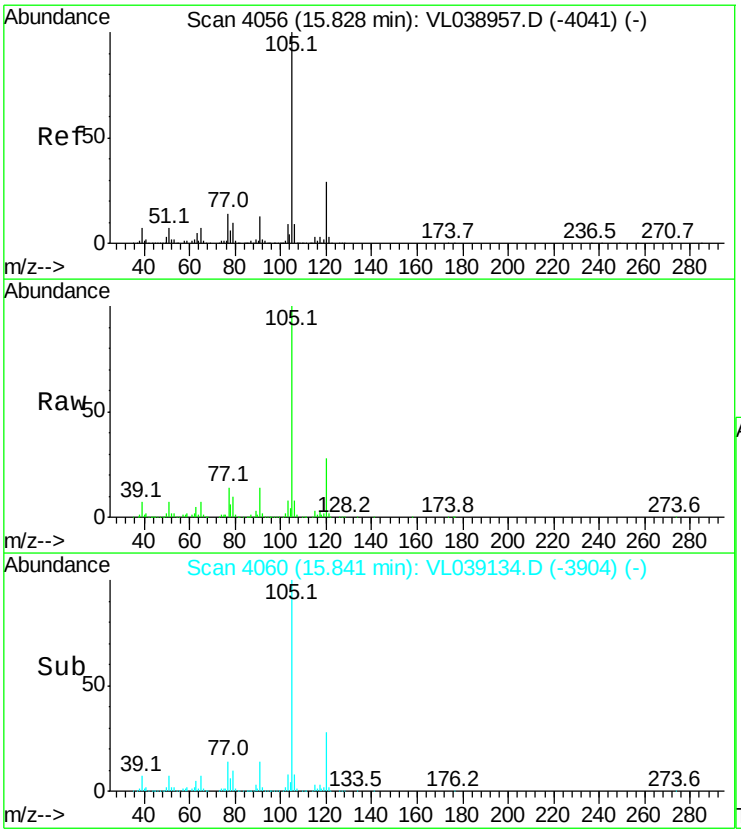
#71
2-Chlorotoluene
Concen: 2.12 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 924022

Ion	Ratio	Lower	Upper
91	100		
126	29.9	12.2	48.6

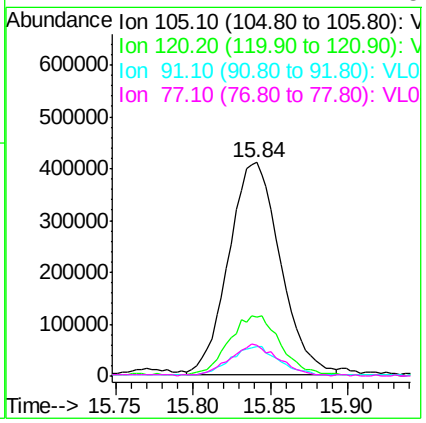


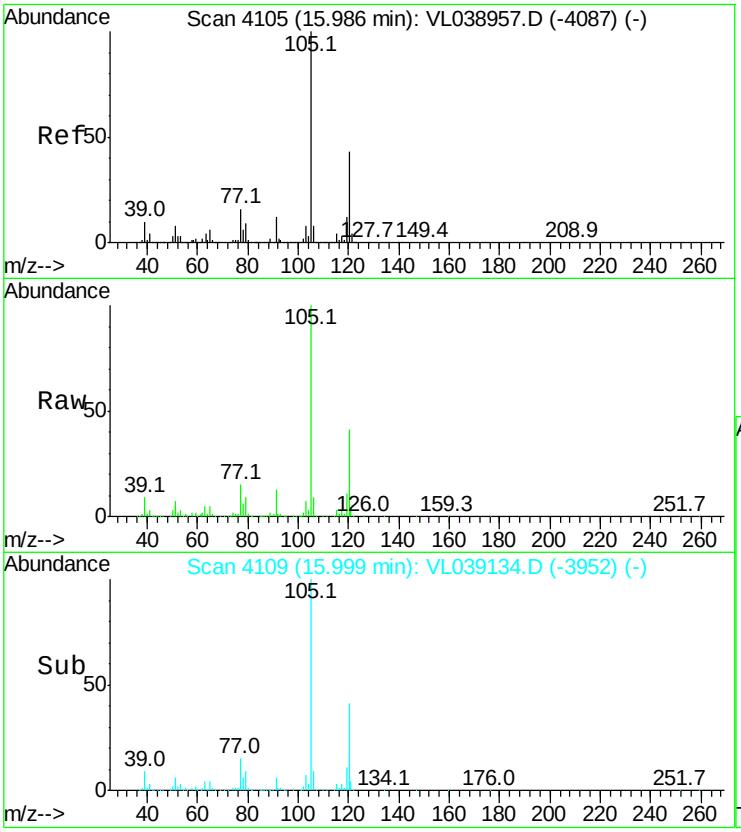


#72
4-Ethyltoluene
Concen: 2.15 ppbv
RT: 15.84 min Scan# 4060
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:105 Resp: 950052

Ion	Ratio	Lower	Upper
105	100		
120	28.8	23.9	35.9
91	12.5	10.6	16.0
77	14.4	11.7	17.5



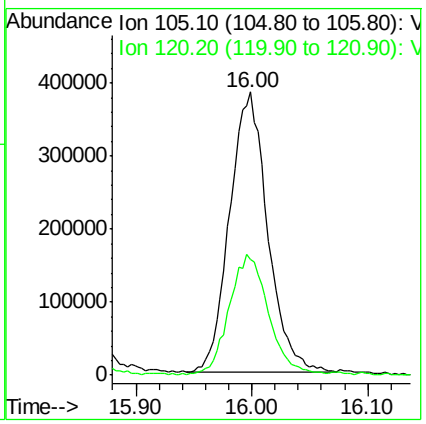


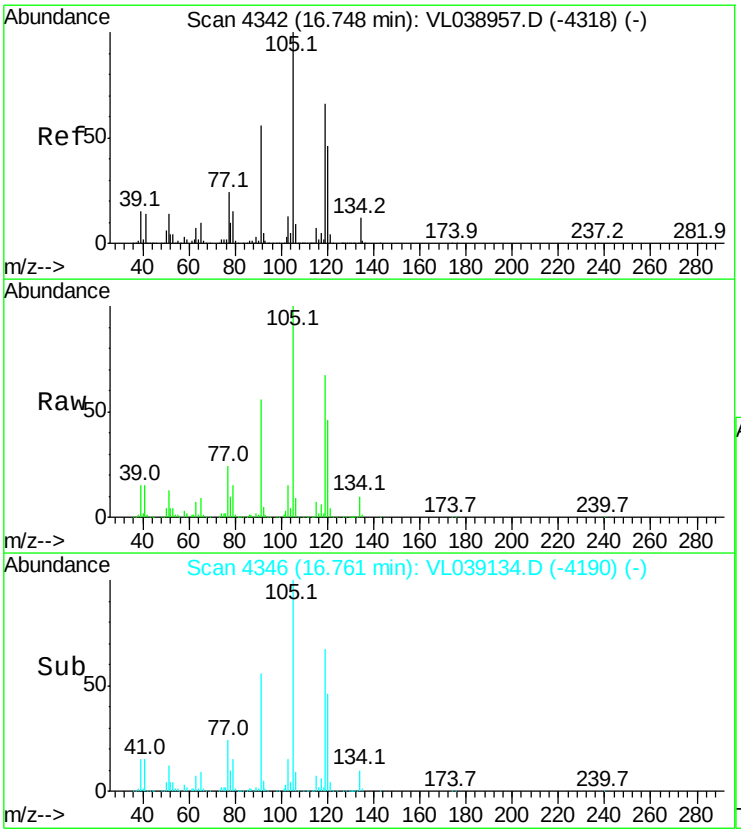
#73
1,3,5-Trimethylbenzene
Concen: 2.20 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 872940

Ion	Ratio	Lower	Upper
105	100		
120	40.8	36.7	55.1

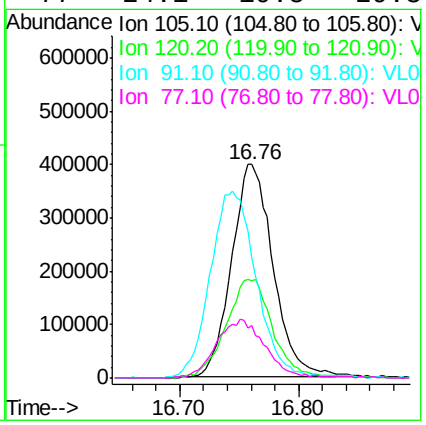


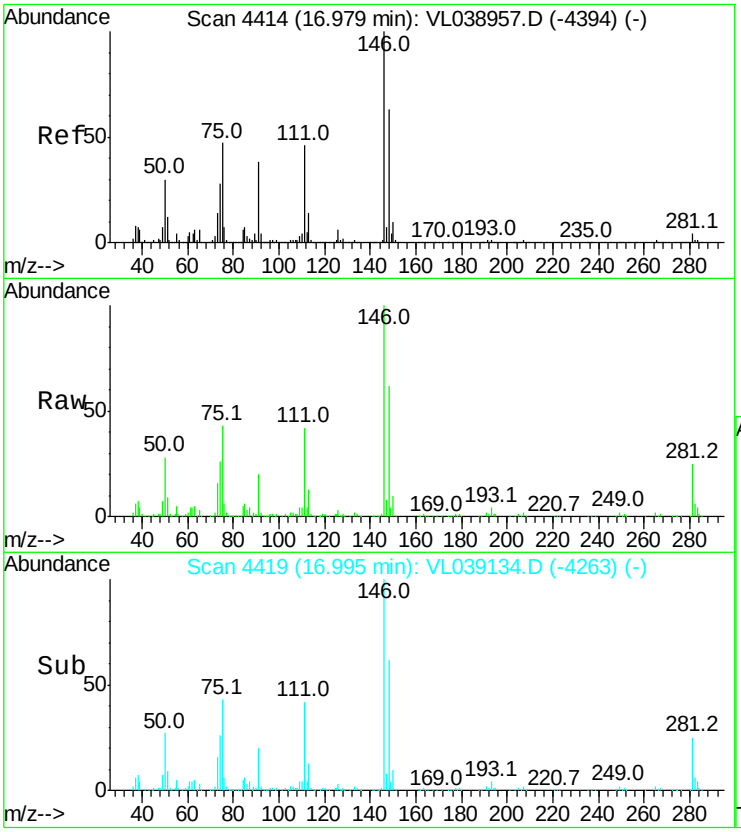


#74
1,2,4-Trimethylbenzene
Concen: 2.22 ppbv
RT: 16.76 min Scan# 4346
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:105 Resp: 965634

Ion	Ratio	Lower	Upper
105	100		
120	45.0	38.1	57.1
91	55.1	47.4	71.0
77	24.1	19.5	29.3



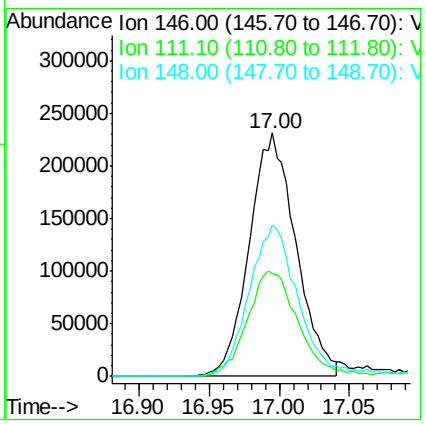


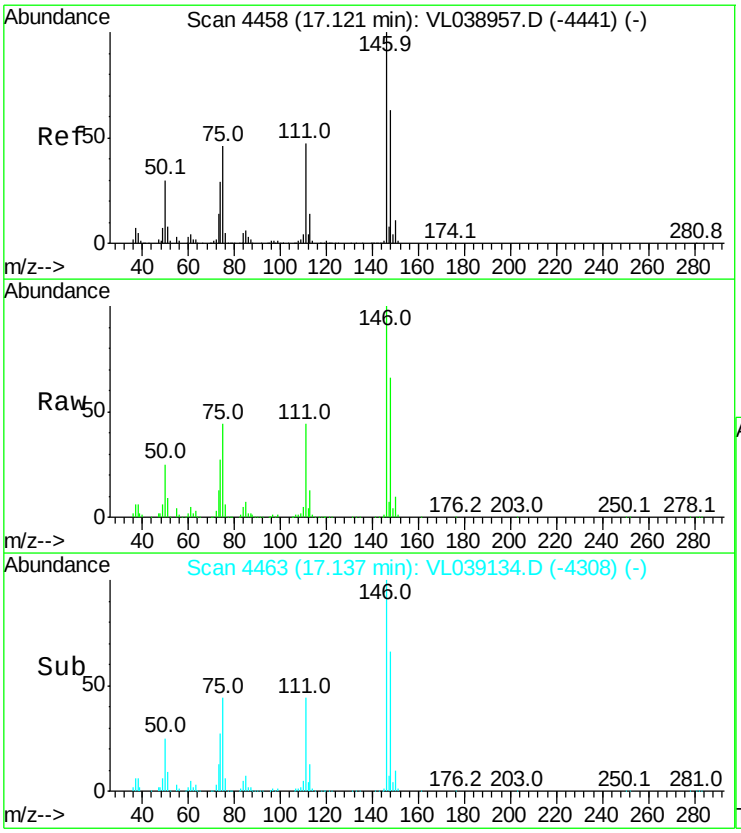
#75
1,3-Dichlorobenzene
Concen: 2.24 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 532839

Ion	Ratio	Lower	Upper
146	100		
111	47.2	23.8	71.4
148	66.3	32.4	97.0

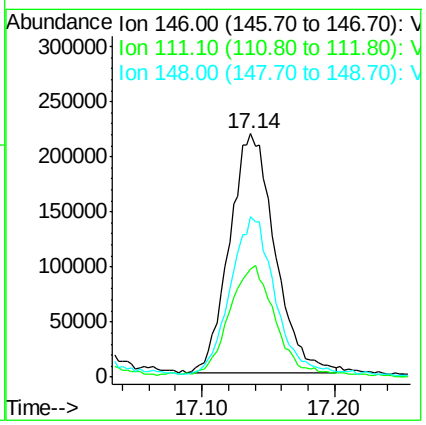


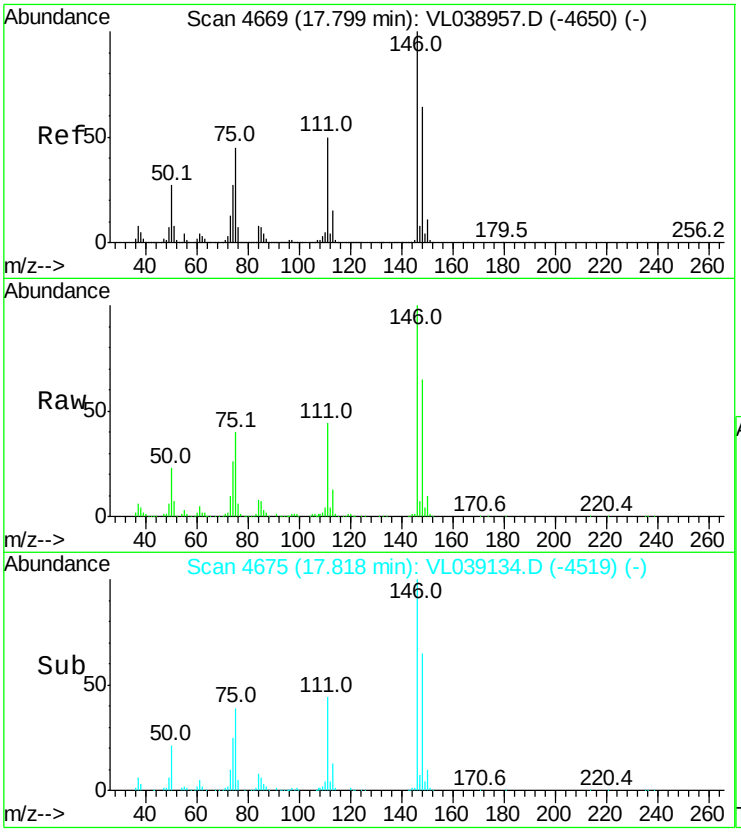


#76
1,4-Dichlorobenzene
Concen: 2.21 ppbv
RT: 17.14 min Scan# 4463
Delta R.T. -0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:146 Resp: 517796

Ion	Ratio	Lower	Upper
146	100		
111	48.3	23.6	71.0
148	68.8	33.7	101.0



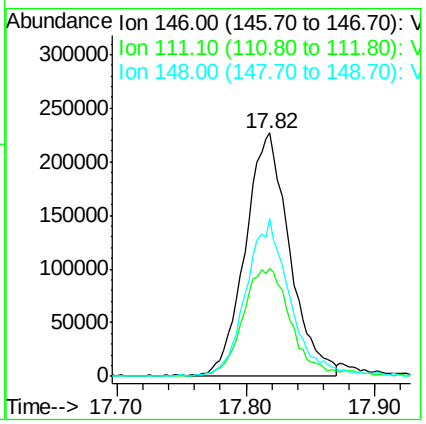


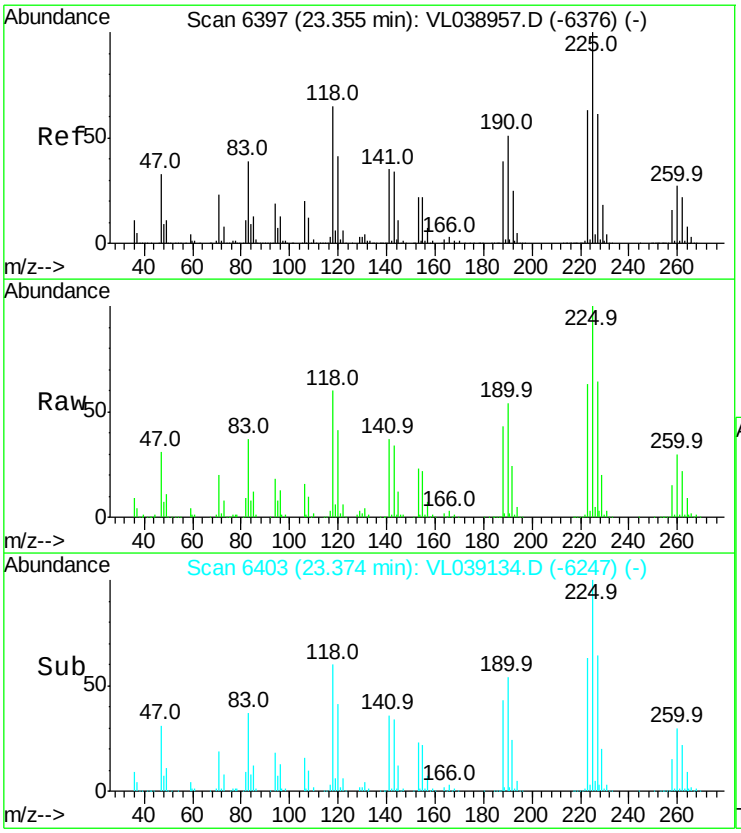
#77
1,2-Dichlorobenzene
Concen: 2.29 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 539665

Ion	Ratio	Lower	Upper
146	100		
111	48.9	24.4	73.4
148	63.8	32.1	96.5

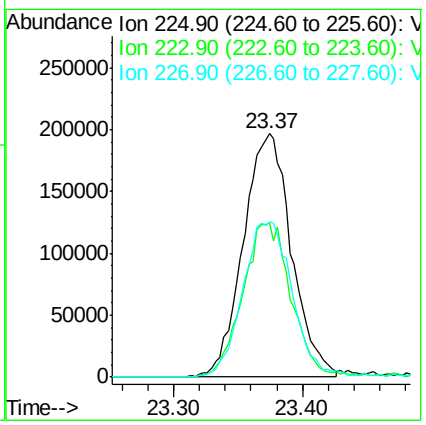


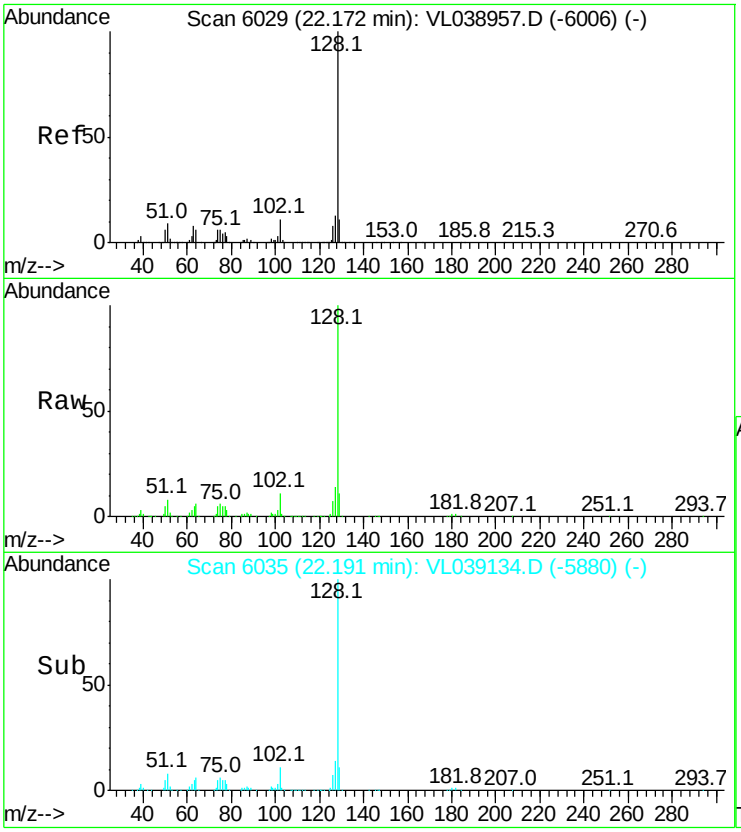


#78
Hexachloro-1,3-Butadiene
Concen: 2.36 ppbv
RT: 23.37 min Scan# 6403
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:225 Resp: 511907

Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.4	77.0
227	66.1	50.6	75.8



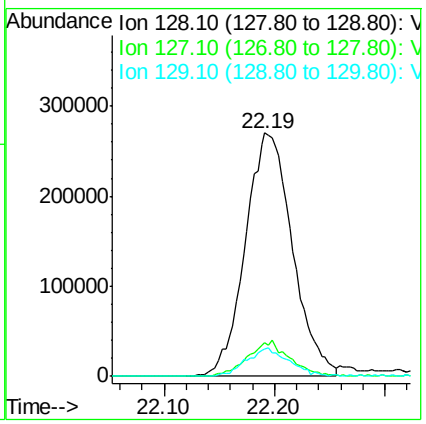


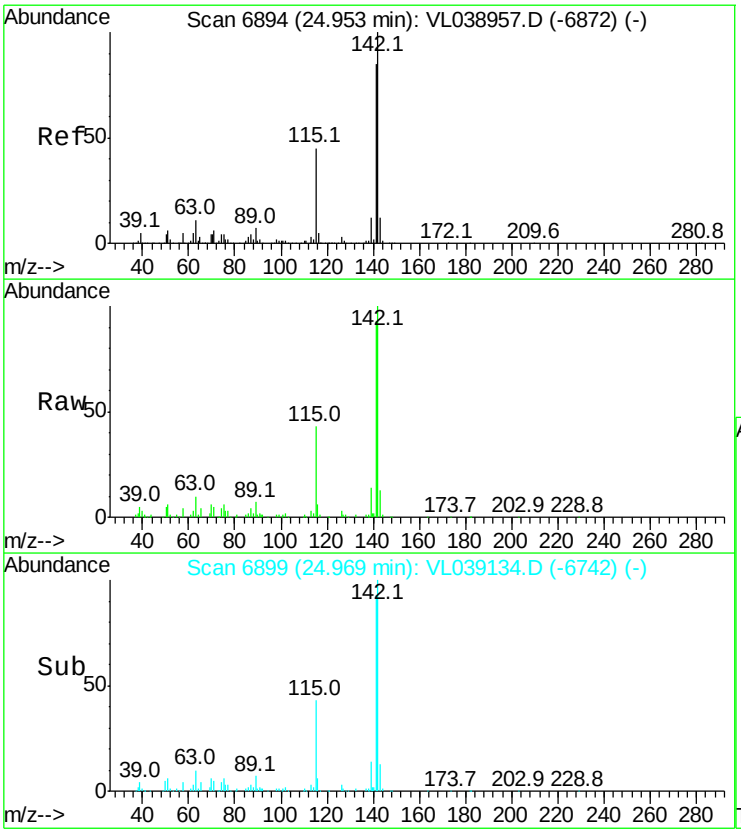
#79
Naphthalene
Concen: 2.27 ppbv
RT: 22.19
Delta R.T
Lab File:
Acq: 31 May 2022 16:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 800902

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	11.0	9.0	13.6

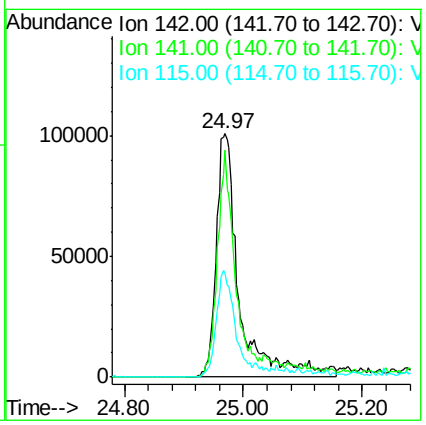


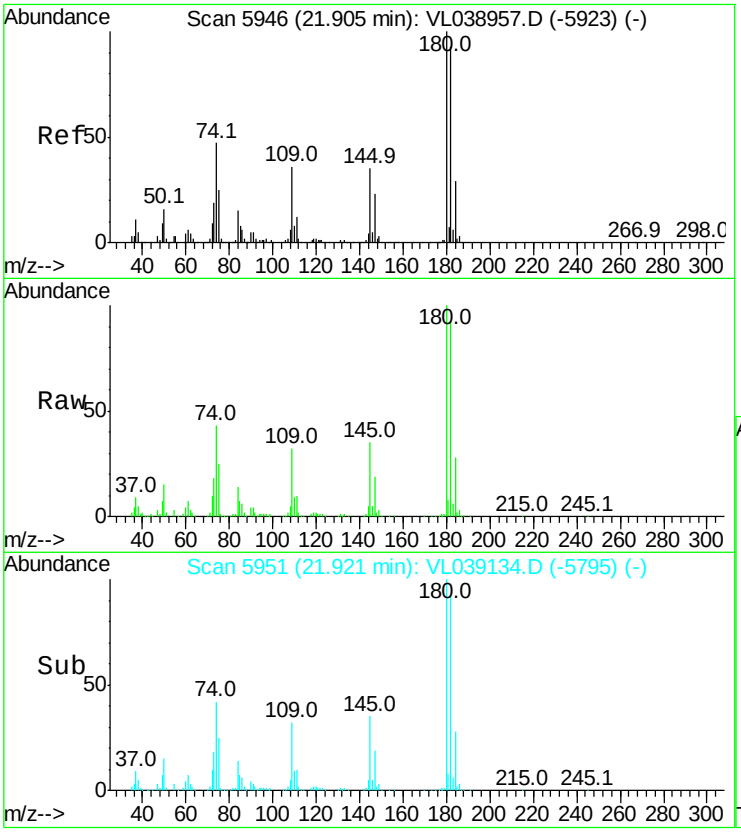


#80
Naphthalene,2-methyl-
Concen: 2.54 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. 0.00 min
Lab File: VL039134.D
Acq: 31 May 2022 16:54

Tgt Ion:142 Resp: 271781

Ion	Ratio	Lower	Upper
142	100		
141	80.3	64.6	96.8
115	39.7	32.7	49.1





#81
1,2,4-Trichlorobenzene
Concen: 2.28 ppbv
RT: 21.92
Delta R.T
Lab File:
Acq: 31 May 2022 18:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 471291

Ion	Ratio	Lower	Upper
180	100		
182	95.8	0.0	0.0#
184	30.2	0.0	0.0#