Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039396.D
Acq On : 29 Jun 2022 13:06
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Jun 29 15:33:45 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	1286538	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	3651848	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.06	117	3324055	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	2462252	8.96	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 89.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	217001	0.96	ppbv		99
3) Chlorodifluoromethane	2.98	51	177239	1.08	ppbv		96
4) Chloromethane	3.13	50	90684	1.08	ppbv	#	85
5) Vinyl Chloride	3.25	62	86107	1.10	ppbv		97
6) Bromomethane	3.47	94	36718	0.95	ppbv		85
7) Chloroethane	3.55	64	34075	1.24	ppbv		96
8) Dichlorotetrafluoroethane	3.18	85	214804	1.04	ppbv		94
9) Propene	3.01	41	81510	1.14	ppbv		99
10) Heptane	8.10	43	182269	1.09	ppbv		98
11) Trichlorofluoromethane	3.94	101	208701	1.02	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	162560	1.20	ppbv		97
13) Ethanol	3.60	45	4997	1.28	ppbv		89
14) Bromoethene	3.73	108	65473	1.08	ppbv		95
15) Acetone	3.85	43	168929	1.26	ppbv		95
16) 1,3-Butadiene	3.31	39	38075	0.53	ppbv	#	10
17) tert-Butyl alcohol	4.28	59	135687	1.31	ppbv	#	93
18) 1,1-Dichloroethene	4.28	96	70549	1.16	ppbv		98
19) Isopropyl Alcohol	3.96	45	80041	1.27	ppbv	#	97
20) Methylene Chloride	4.33	84	62554	1.11	ppbv		99
21) Allyl Chloride	4.40	41	109763	1.21	ppbv		98
22) trans-1,2-Dichloroethene	4.87	96	65815	1.13	ppbv		93
23) Vinyl Acetate	5.06	43	94436	0.85	ppbv	#	95
24) 1,1-Dichloroethane	4.99	63	154811	1.02	ppbv		99
25) Ethyl Acetate	5.66	43	300532	0.99	ppbv		96
26) Hexane	5.67	57	83675	0.63	ppbv	#	1
27) Carbon Disulfide	4.54	76	144292	1.05	ppbv		95
28) Methyl tert-Butyl Ether	5.03	73	148678	1.01	ppbv		97
29) Chloroform	5.73	83	235053	1.05	ppbv		95
30) Cyclohexane	7.11	84	111951	1.00	ppbv		96
31) cis-1,2-Dichloroethene	5.54	61	138378	1.02	ppbv		88
32) 1,1,1-Trichloroethane	6.49	97	216143	0.99	ppbv		96
34) 2-Butanone	5.23	43	171900	0.87	ppbv		91
35) Carbon Tetrachloride	7.00	117	224623	0.84	ppbv		96
36) Benzene	6.87	78	289516	0.98	ppbv		94
37) 1,2-Dichloroethane	6.29	62	89148	0.46	ppbv	#	80
38) Trichloroethene	7.82	130	157081	1.15	ppbv		98
39) 1,2-Dichloropropane	7.60	63	110515	0.94	ppbv		98
40) 1,4-Dioxane	7.83	88	27777	0.72	ppbv	#	1
41) Tetrahydrofuran	6.05	42	105353	0.88	ppbv		97
42) Bromodichloromethane	7.77	83	223511	0.83	ppbv		97
43) Methyl Methacrylate	8.00	69	105774	0.92	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039396.D
Acq On : 29 Jun 2022 13:06
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Jun 29 15:33:45 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	513565	0.99	ppbv		99
45) t-1,3-Dichloropropene	9.26	75	73087	0.61	ppbv		100
46) cis-1,3-Dichloropropene	8.68	75	112634	0.71	ppbv		95
47) 1,1,2-Trichloroethane	9.46	97	51381	0.42	ppbv		92
48) Dibromochloromethane	10.28	129	181908	0.83	ppbv		98
49) Bromoform	13.02	173	134640	0.74	ppbv		98
50) 4-Methyl-2-Pentanone	8.73	43	262341	0.88	ppbv		97
51) 2-Hexanone	10.12	43	92939	0.40	ppbv	#	25
52) Tetrachloroethene	11.20	164	114512	0.99	ppbv		93
53) Toluene	9.79	91	327347	0.96	ppbv		100
54) 1,2-Dibromoethane	10.59	107	80849	0.49	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.10	131	153937	0.98	ppbv	#	1
57) Chlorobenzene	12.12	112	278352	1.11	ppbv		93
58) Ethyl Benzene	12.69	91	451143	0.99	ppbv		89
59) m/p-Xylene	12.97	91	469309	1.16	ppbv	#	52
60) o-Xylene	13.67	91	385550	1.02	ppbv		99
61) Styrene	13.50	104	183783	0.91	ppbv		95
62) Isopropylbenzene	14.64	105	595405	1.06	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.66	83	180734	0.85	ppbv		95
64) n-propylbenzene	15.54	120	79794	0.58	ppbv	#	1
65) tert-Butylbenzene	16.72	119	555857	1.08	ppbv		99
66) Benzyl Chloride	16.97	91	5810	0.09	ppbv	#	1
67) sec-Butylbenzene	17.27	105	740246	1.05	ppbv		98
69) p-Isopropyltoluene	17.63	119	606107	1.02	ppbv		98
70) n-Butylbenzene	18.53	91	585696	0.96	ppbv		97
71) 2-Chlorotoluene	15.43	91	230229	0.54	ppbv	#	54
72) 4-Ethyltoluene	15.82	105	431302	0.97	ppbv		99
73) 1,3,5-Trimethylbenzene	15.97	105	395860	0.99	ppbv		94
74) 1,2,4-Trimethylbenzene	16.73	105	456258	1.02	ppbv	#	93
75) 1,3-Dichlorobenzene	16.97	146	258782	1.02	ppbv		97
76) 1,4-Dichlorobenzene	17.11	146	233426	0.92	ppbv		94
77) 1,2-Dichlorobenzene	17.79	146	263926	1.04	ppbv		99
78) Hexachloro-1,3-Butadiene	23.35	225	225288	0.97	ppbv		98
79) Naphthalene	22.17	128	296717	0.86	ppbv	#	95
80) Naphthalene,2-methyl-	24.95	142	78922	0.62	ppbv		97
81) 1,2,4-Trichlorobenzene	21.89	180	191864	0.88	ppbv		100

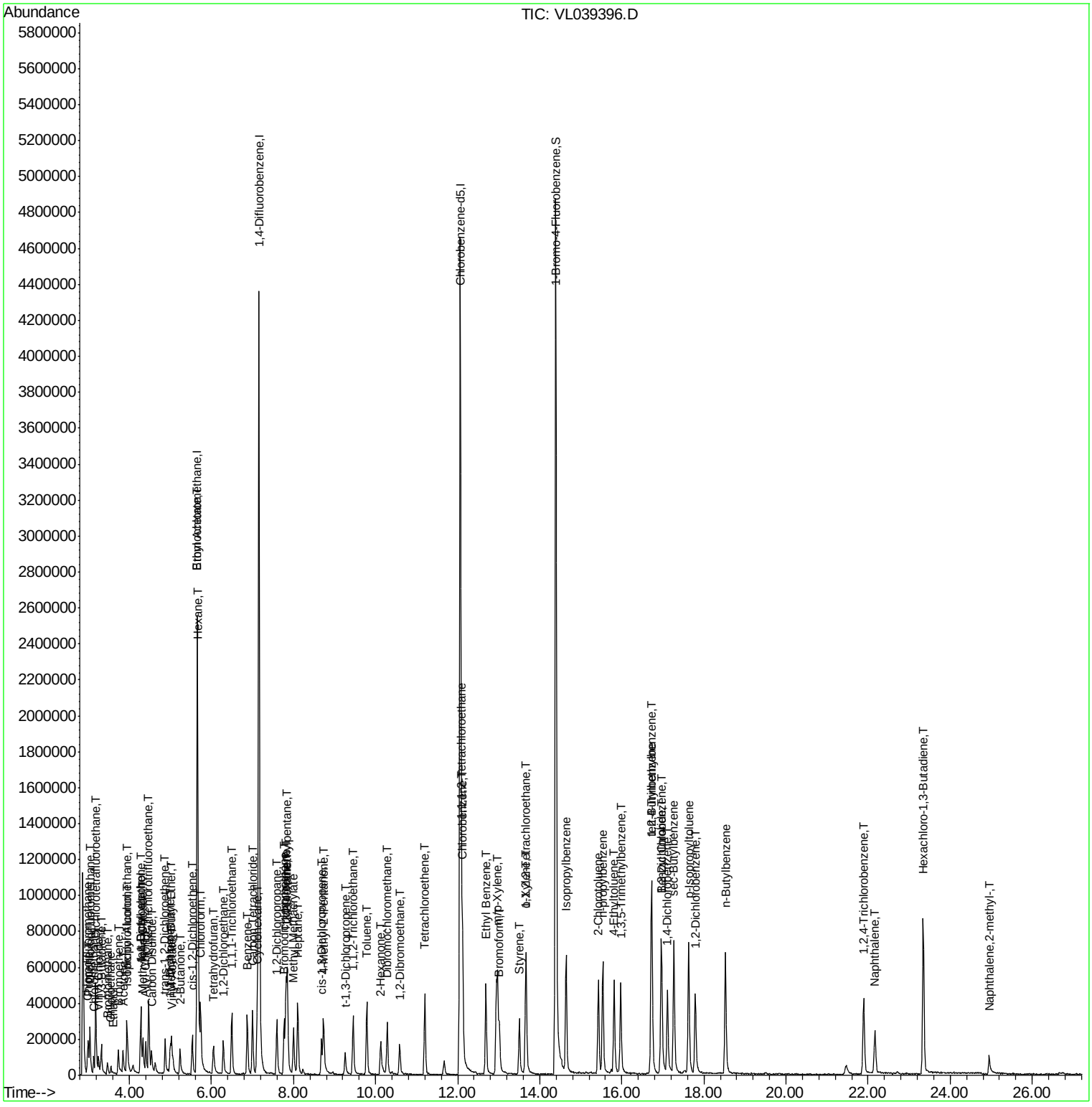
(#) = qualifier out of range (m) = manual integration (+) = signals summed

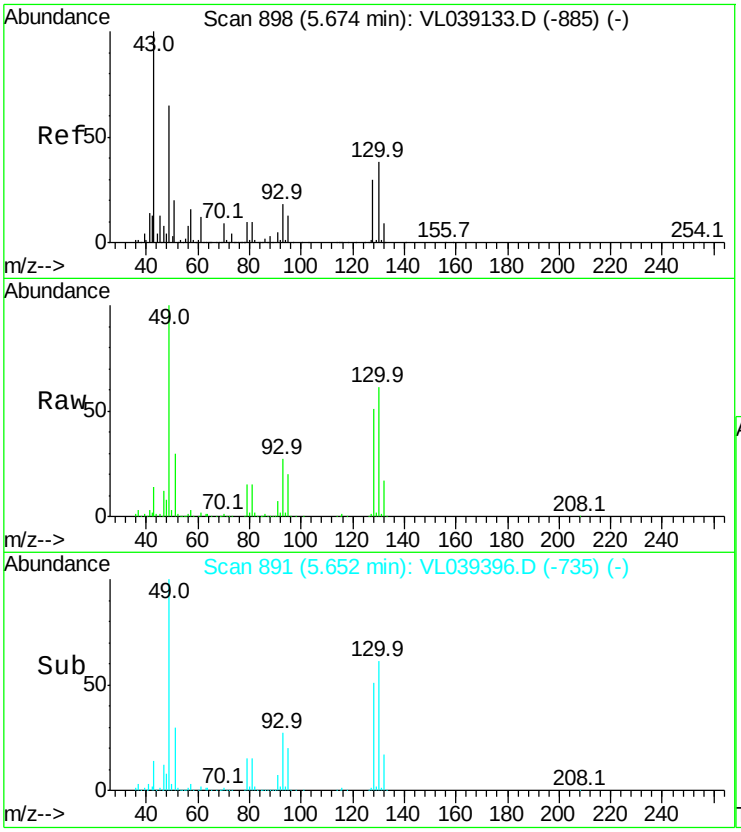
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
Data File : VL039396.D
Acq On : 29 Jun 2022 13:06
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Jun 29 15:33:45 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



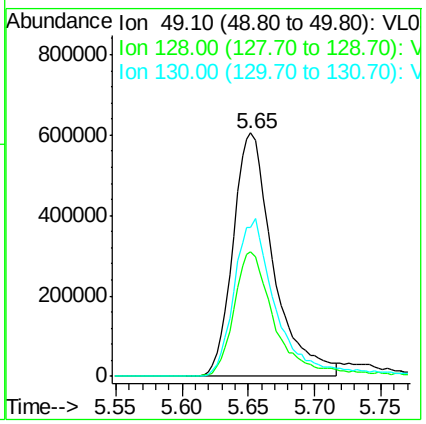


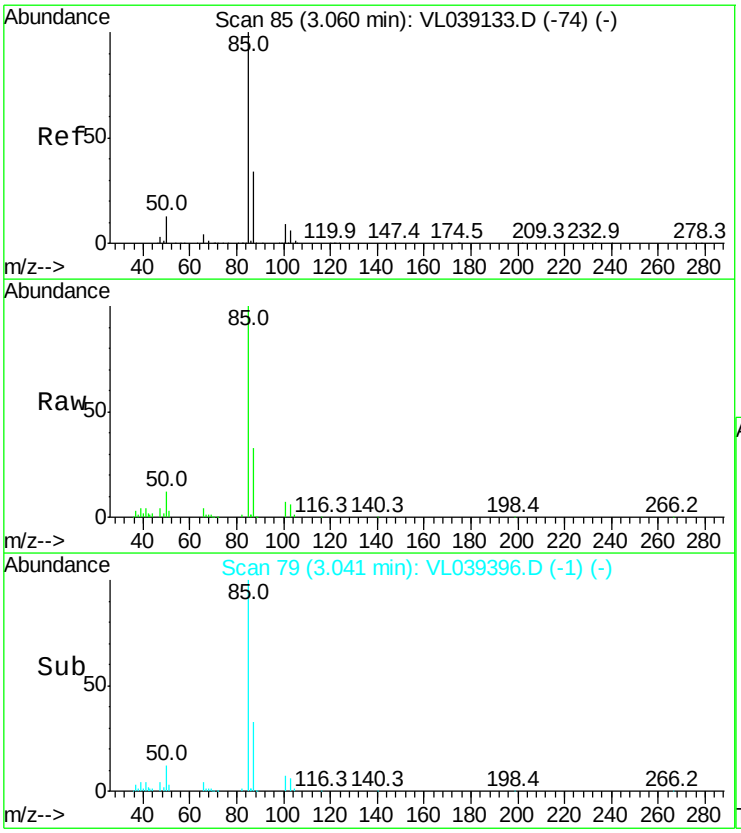
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 1286538

Ion	Ratio	Lower	Upper
49	100		
128	53.6	26.7	80.0
130	68.8	34.3	102.8

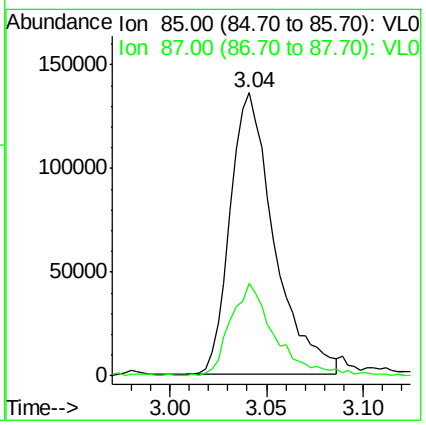


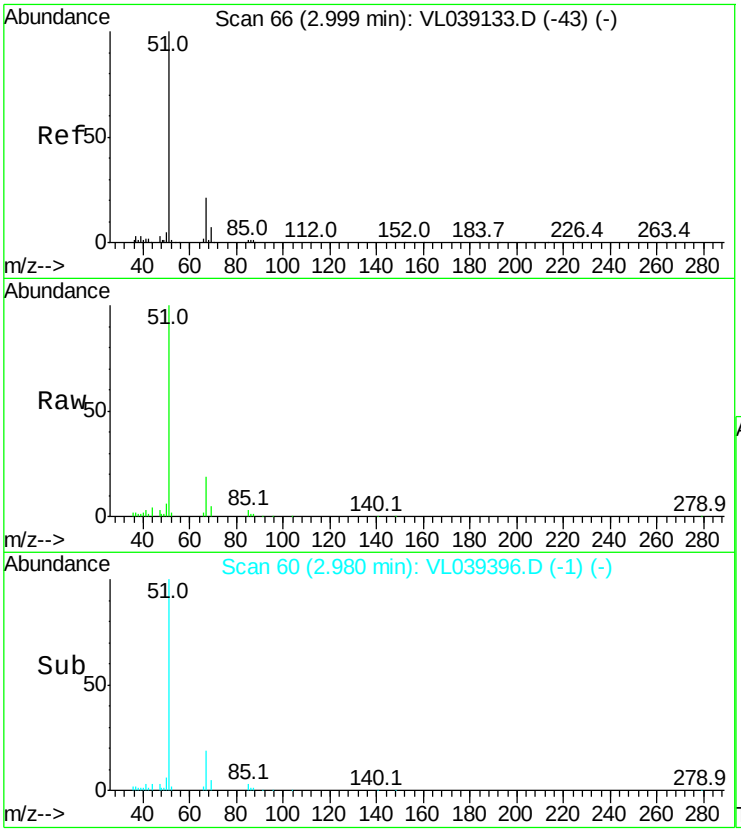


#2
Dichlorodifluoromethane
Concen: 0.96 ppbv
RT: 3.04 min Scan# 79
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 85 Resp: 217001

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.7	40.1



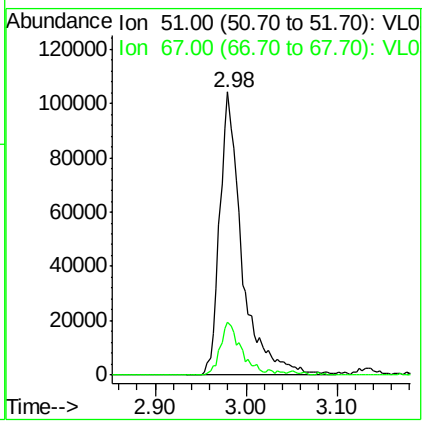


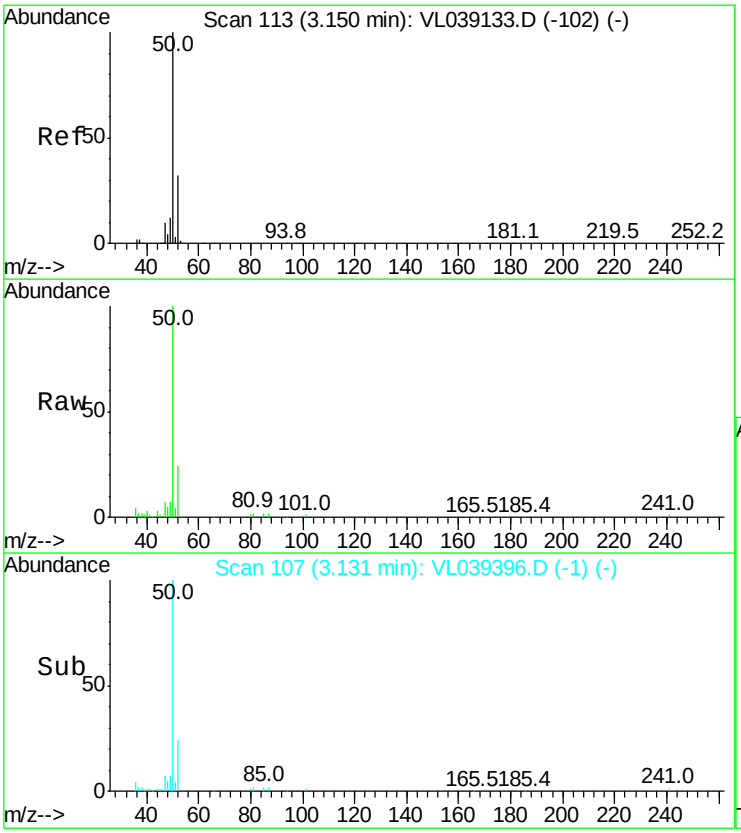
#3
Chlorodifluoromethane
Concen: 1.08 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 177239

Ion	Ratio	Lower	Upper
51	100		
67	17.8	15.7	23.5

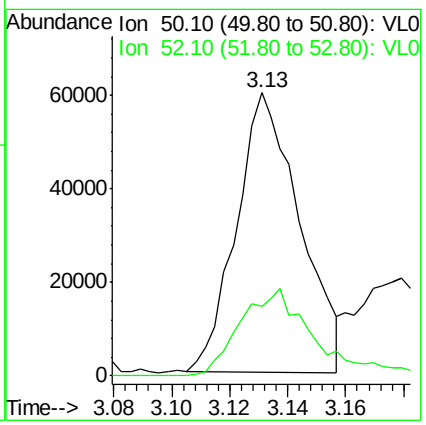


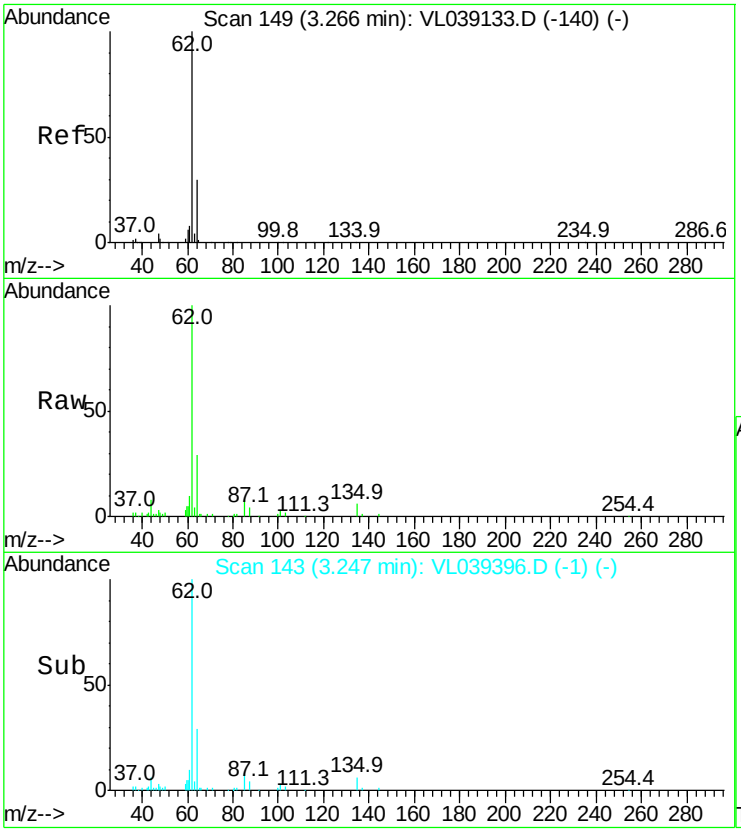


#4
Chloromethane
Concen: 1.08 ppbv
RT: 3.13 min Scan# 107
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 50 Resp: 90684

Ion	Ratio	Lower	Upper
50	100		
52	24.9	26.5	39.7#



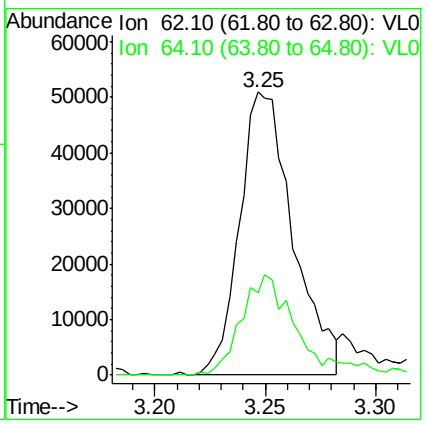


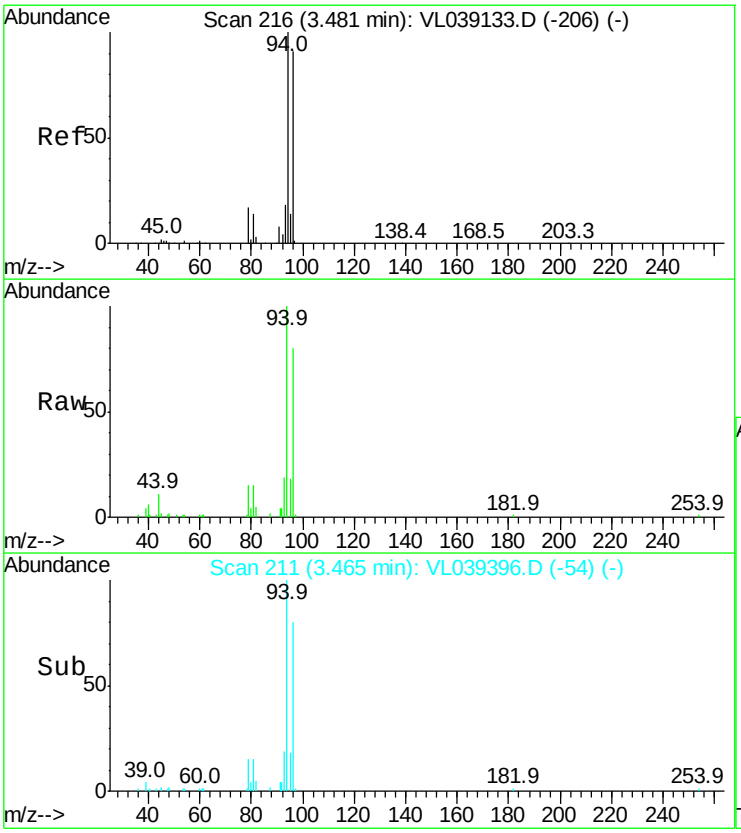
#5
Vinyl Chloride
Concen: 1.10 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 86107

Ion	Ratio	Lower	Upper
62	100		
64	29.1	24.6	36.8

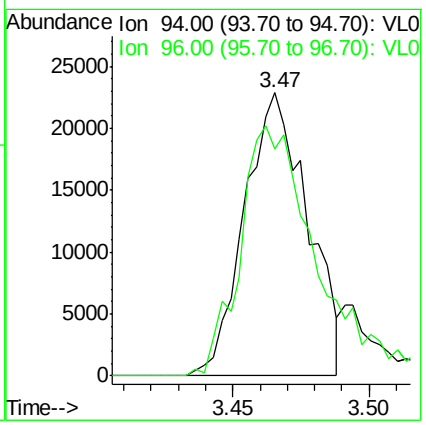


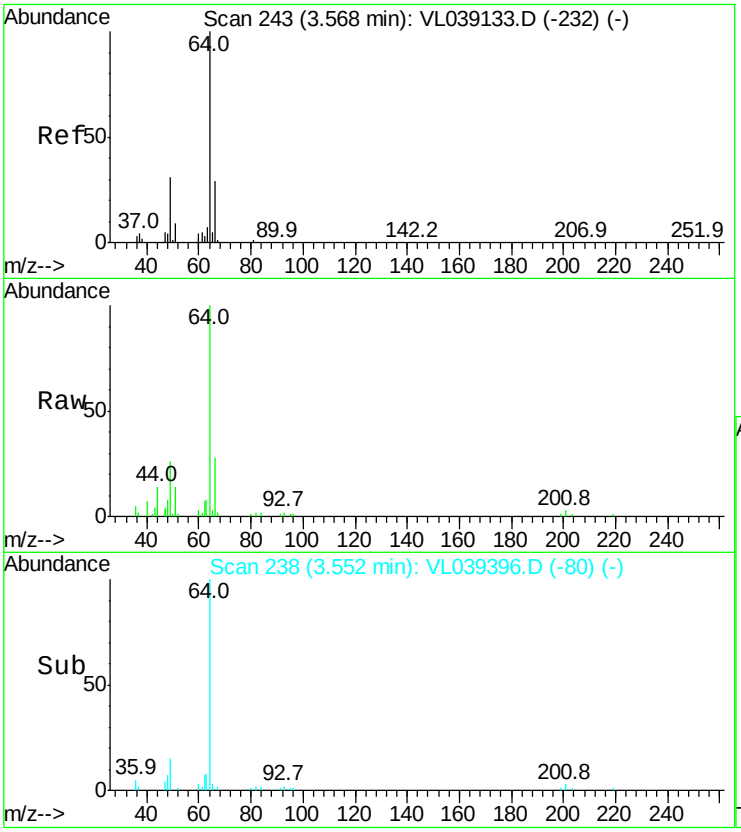


#6
Bromomethane
Concen: 0.95 ppbv
RT: 3.47 min Scan# 211
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 94 Resp: 36718

Ion	Ratio	Lower	Upper
94	100		
96	80.1	75.6	113.4



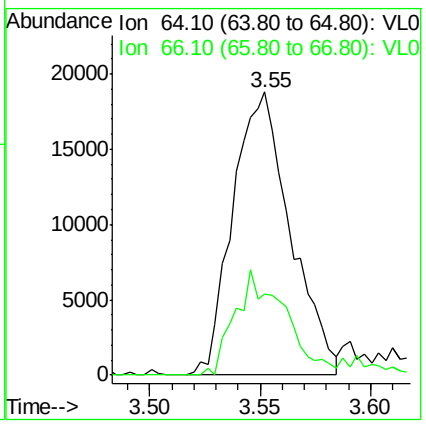


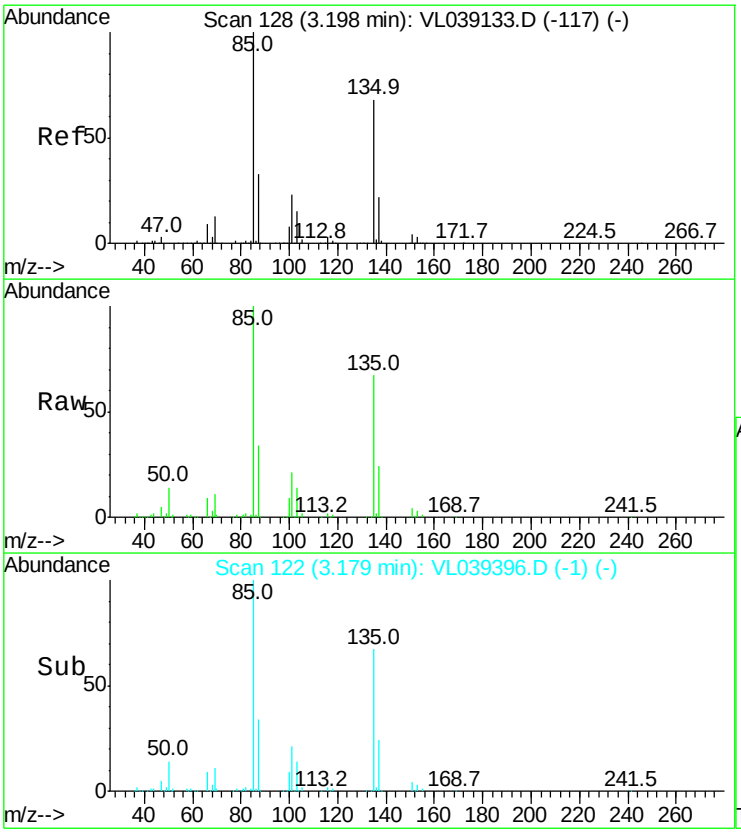
#7
Chloroethane
Concen: 1.24 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 34075

Ion	Ratio	Lower	Upper
64	100		
66	28.5	24.7	37.1

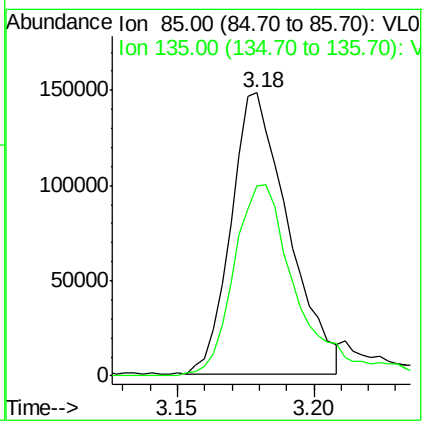


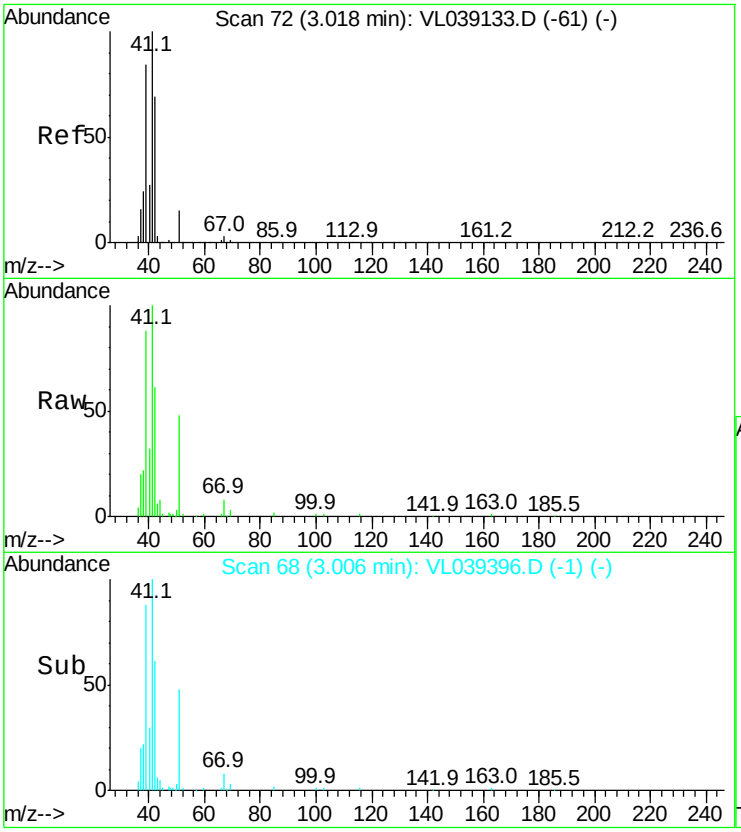


#8
Dichlorotetrafluoroethane
Concen: 1.04 ppbv
RT: 3.18 min Scan# 122
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 85 Resp: 214804

Ion	Ratio	Lower	Upper
85	100		
135	78.5	59.0	88.4



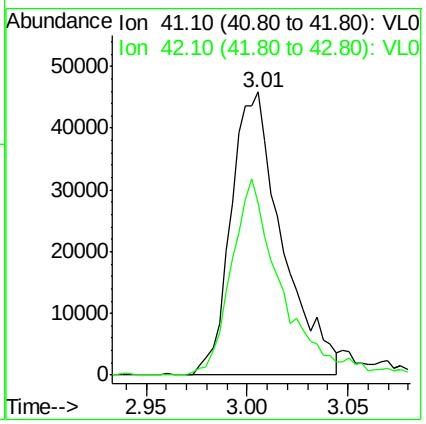


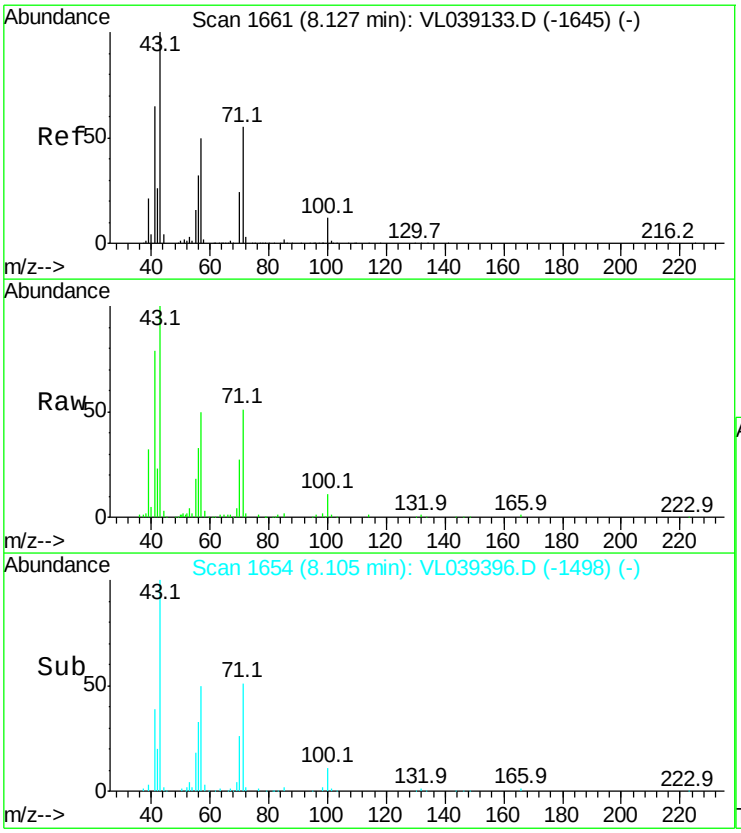
#9
Propene
Concen: 1.14 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 81510

Ion	Ratio	Lower	Upper
41	100		
42	69.9	55.2	82.8

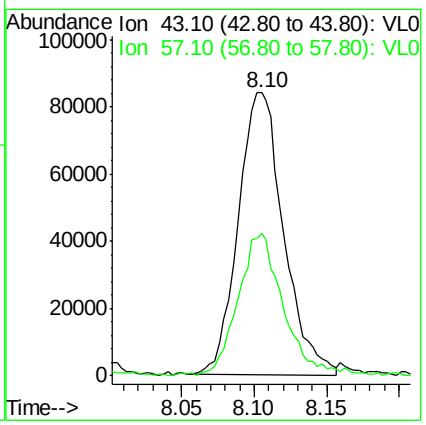


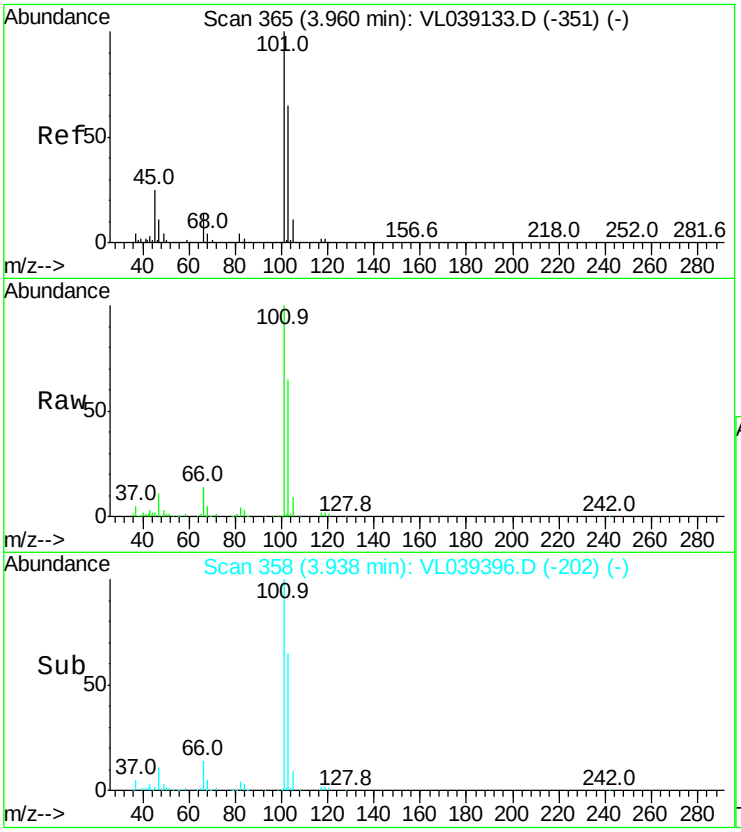


#10
Heptane
Concen: 1.09 ppbv
RT: 8.10 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 43 Resp: 182269

Ion	Ratio	Lower	Upper
43	100		
57	49.4	40.5	60.7



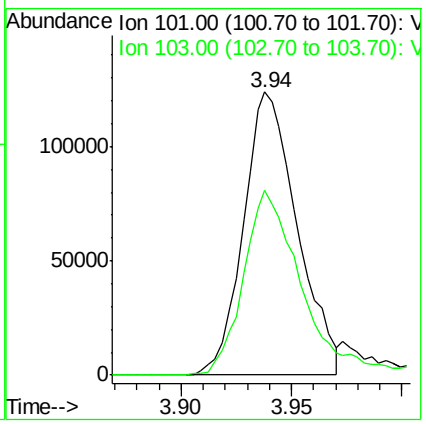


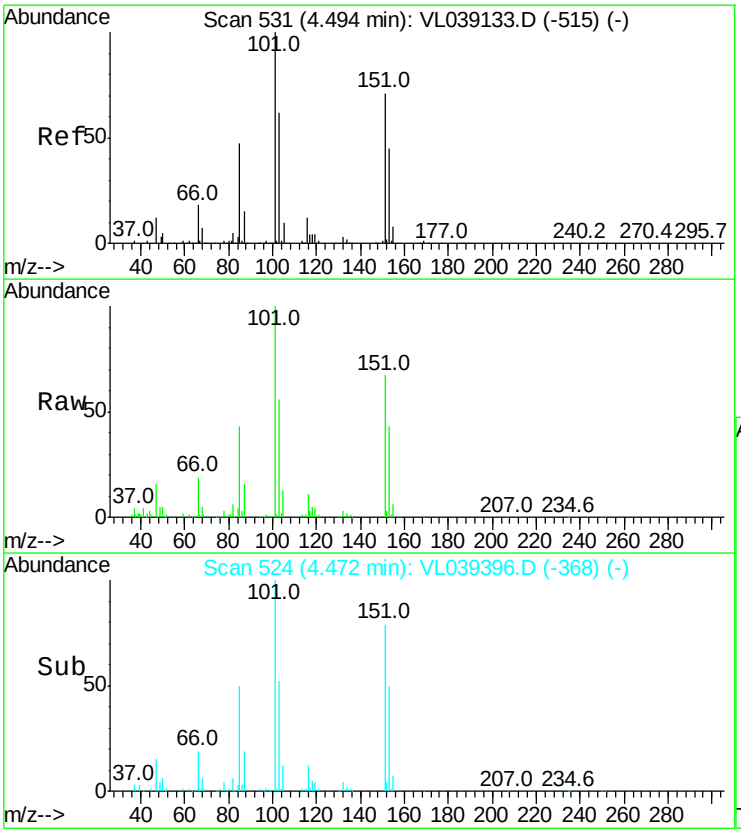
#11
Trichlorofluoromethane
Concen: 1.02 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 208701

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.8

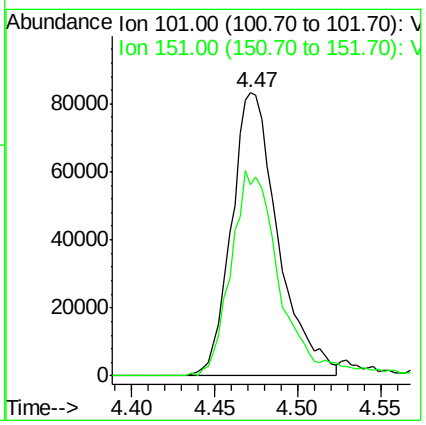


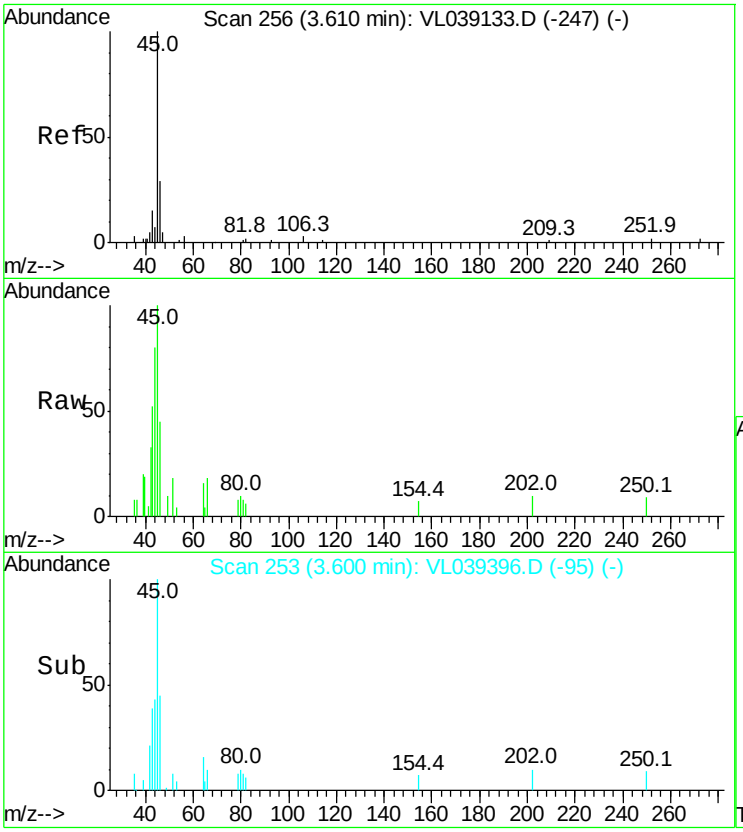


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.20 ppbv
RT: 4.47 min Scan# 524
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:101 Resp: 162560

Ion	Ratio	Lower	Upper
101	100		
151	76.5	58.9	88.3



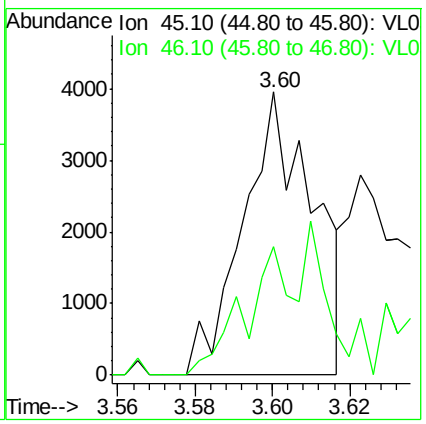


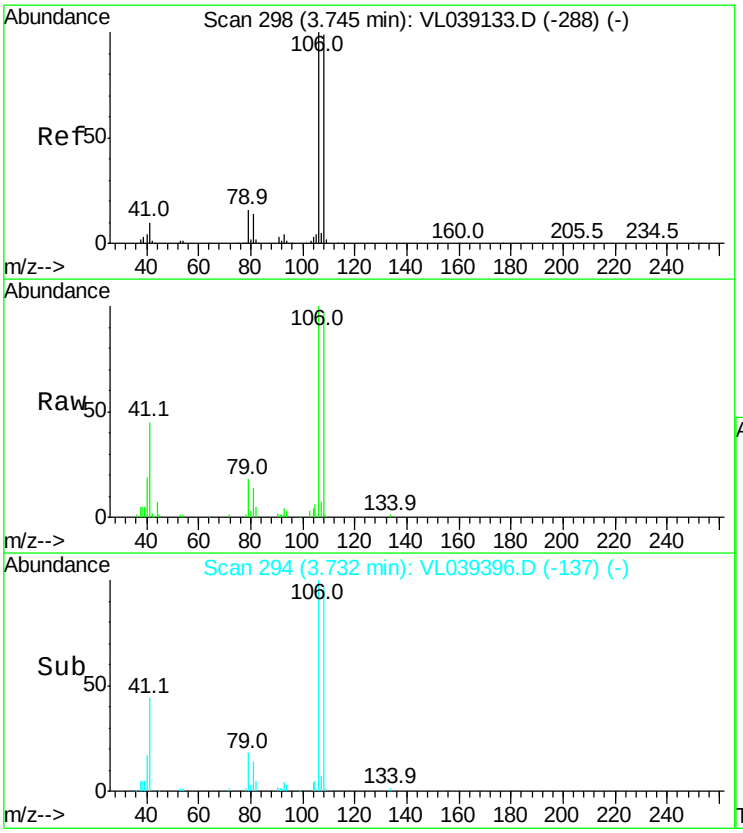
#13
Ethanol
Concen: 1.28 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 4997

Ion	Ratio	Lower	Upper
45	100		
46	65.2	22.8	91.2

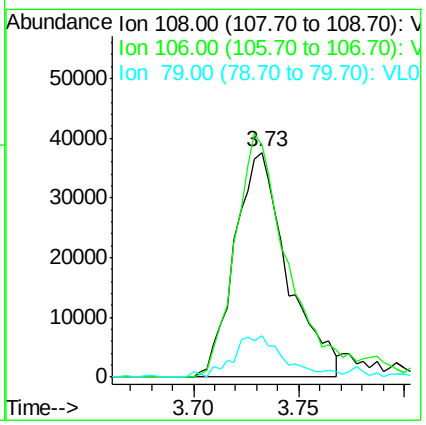


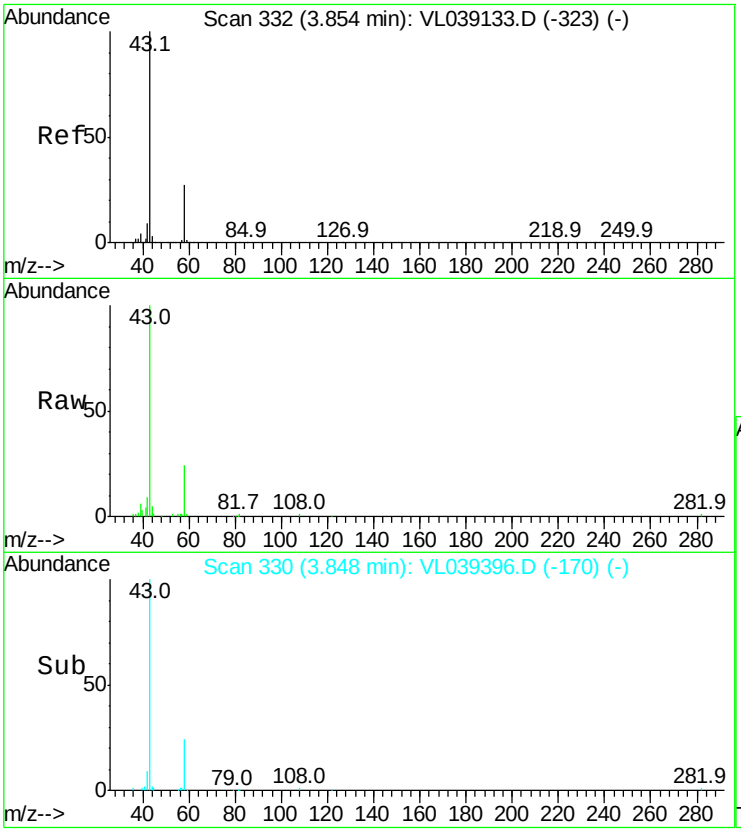


#14
Bromoethene
Concen: 1.08 ppbv
RT: 3.73 min Scan# 294
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:108 Resp: 65473

Ion	Ratio	Lower	Upper
108	100		
106	115.3	87.1	130.7
79	18.2	14.6	22.0



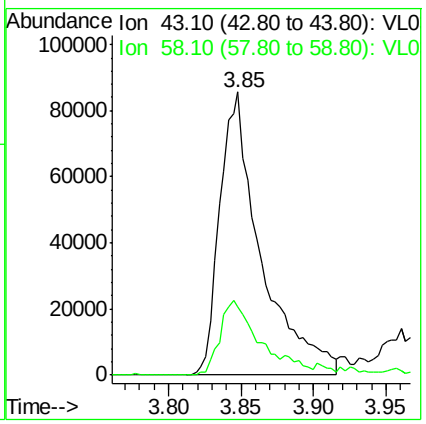


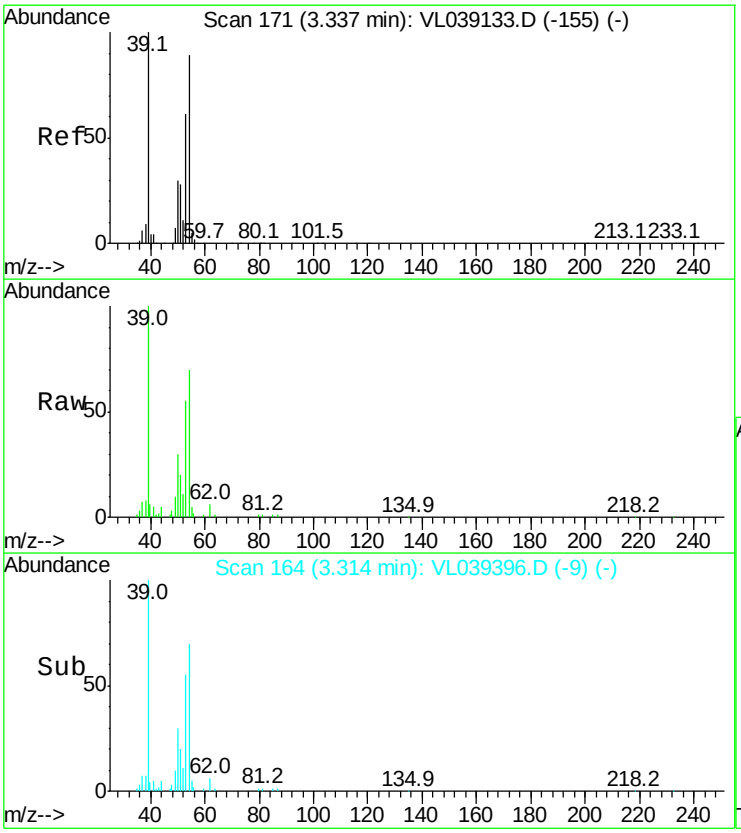
#15
Acetone
Concen: 1.26 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 168929

Ion	Ratio	Lower	Upper
43	100		
58	28.7	21.0	31.6

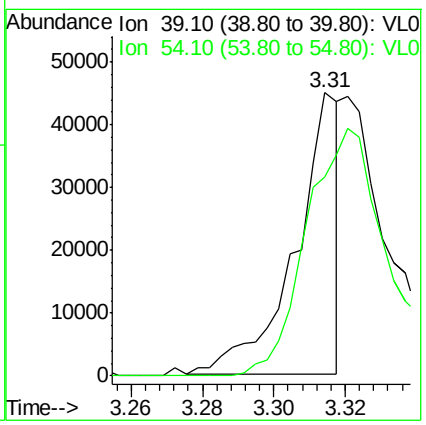


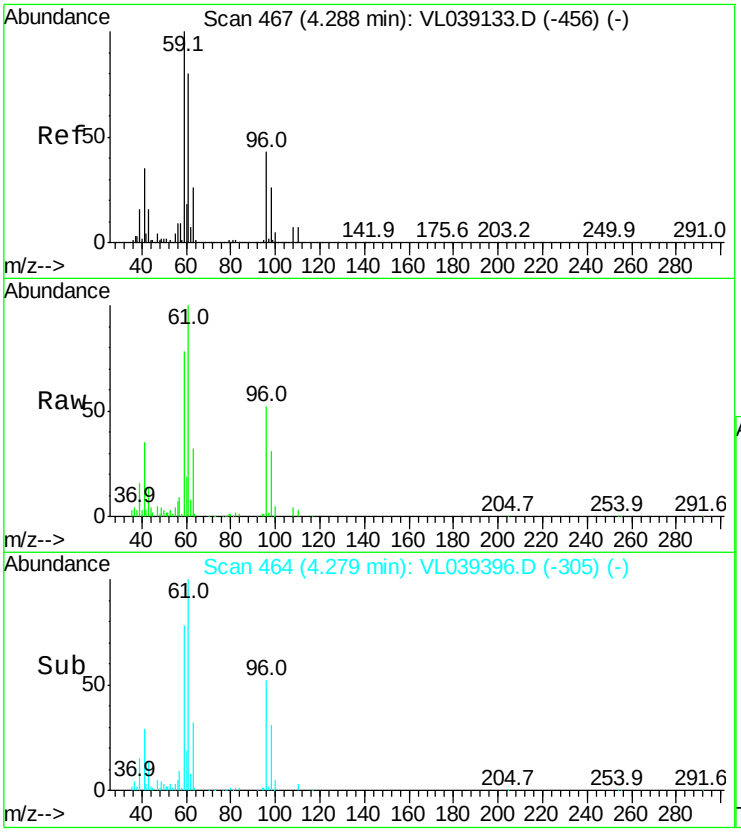


#16
1,3-Butadiene
Concen: 0.53 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 39 Resp: 38075

Ion	Ratio	Lower	Upper
39	100		
54	0.0	63.7	95.5#



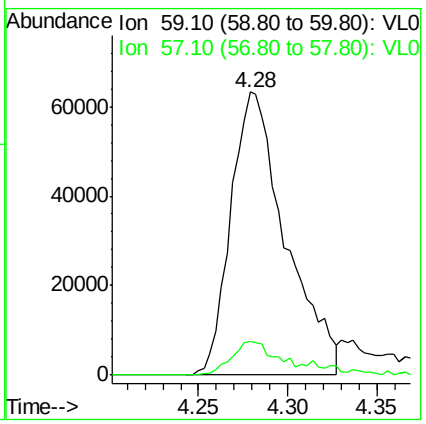


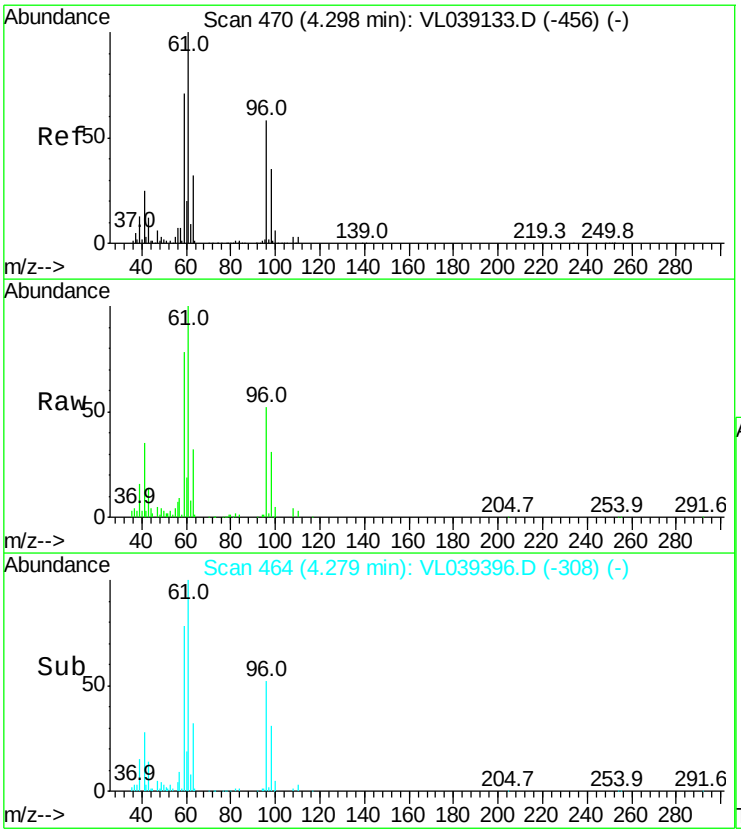
#17
tert-Butyl alcohol
Concen: 1.31 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 135687

Ion	Ratio	Lower	Upper
59	100		
57	13.5	8.7	13.1#

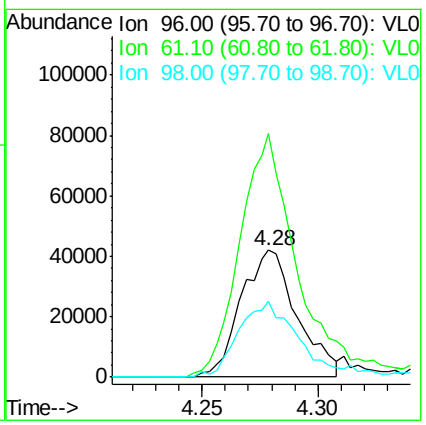


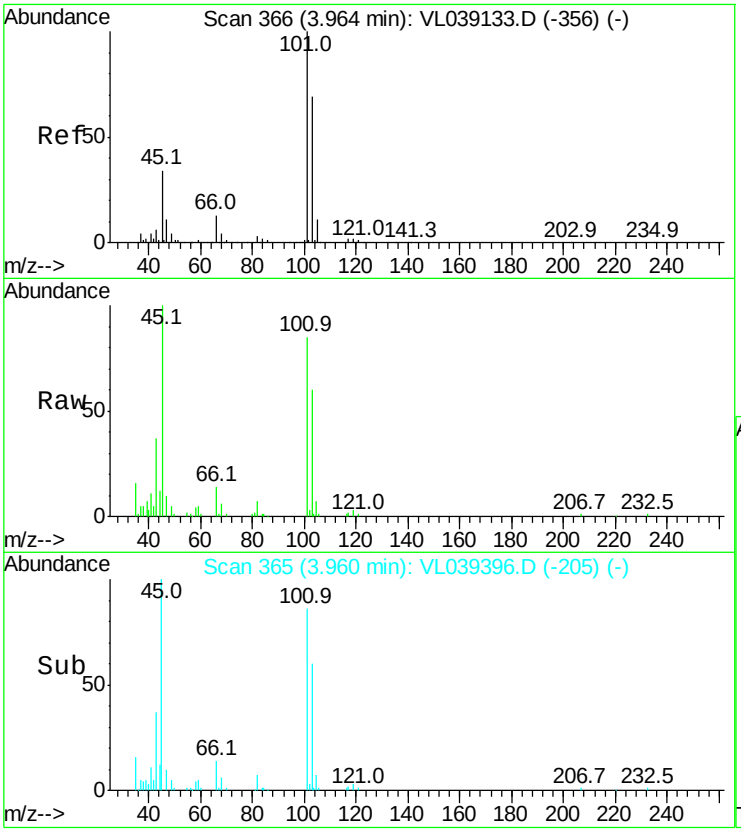


#18
1,1-Dichloroethene
Concen: 1.16 ppbv
RT: 4.28 min Scan# 464
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 96 Resp: 70549

Ion	Ratio	Lower	Upper
96	100		
61	191.6	152.2	228.4
98	59.3	51.8	77.6



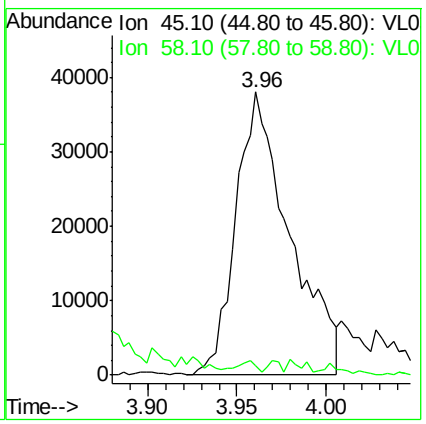


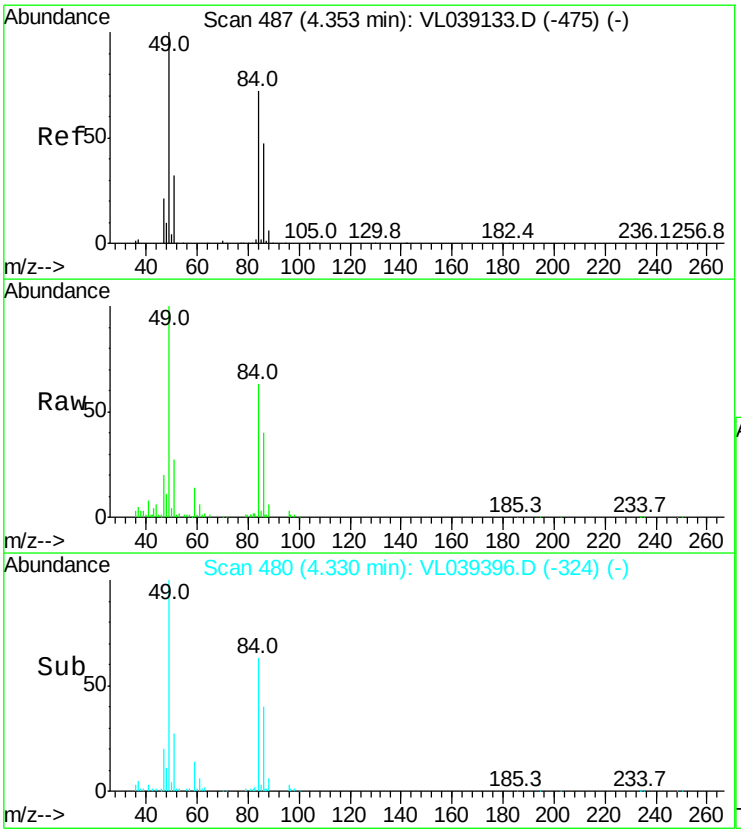
#19
Isopropyl Alcohol
Concen: 1.27 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 80041

Ion	Ratio	Lower	Upper
45	100		
58	2.9	3.2	4.8#

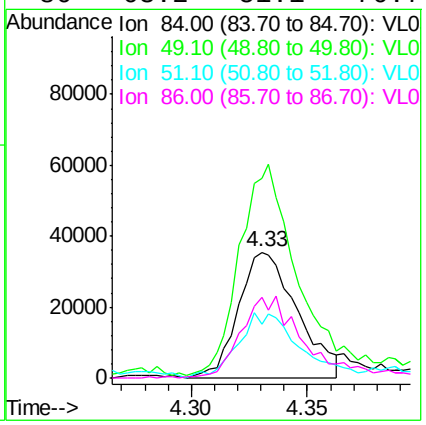


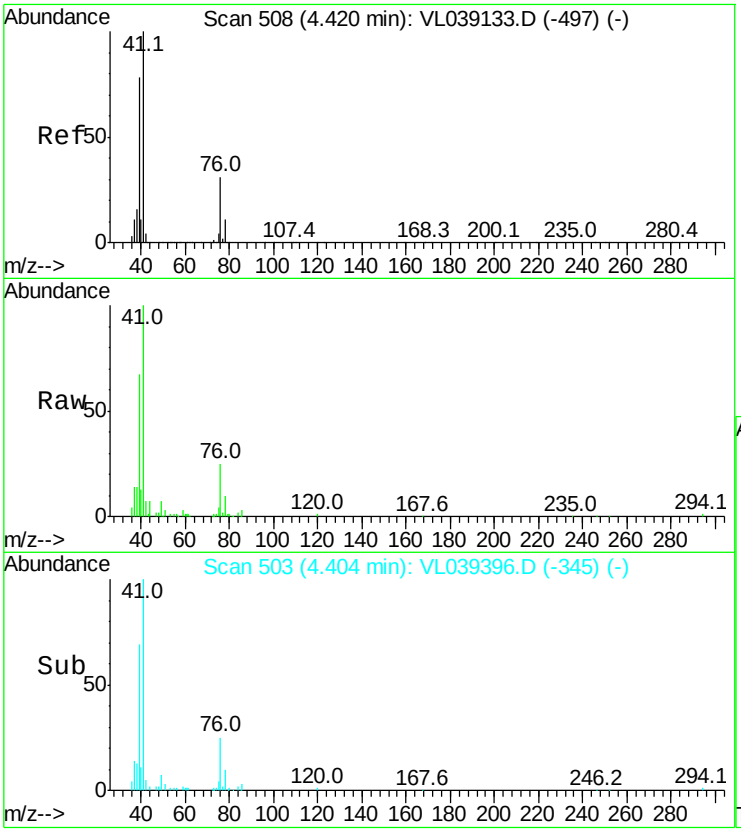


#20
Methylene Chloride
Concen: 1.11 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 84 Resp: 62554

Ion	Ratio	Lower	Upper
84	100		
49	156.2	123.1	184.7
51	42.4	34.4	51.6
86	63.2	51.1	76.7



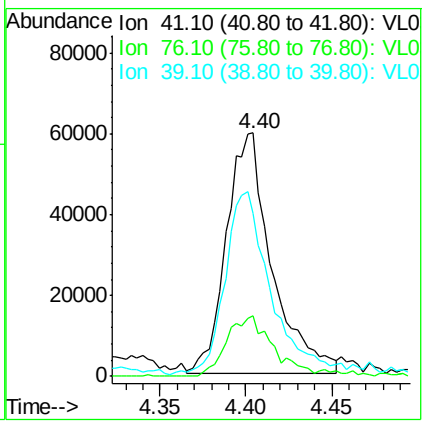


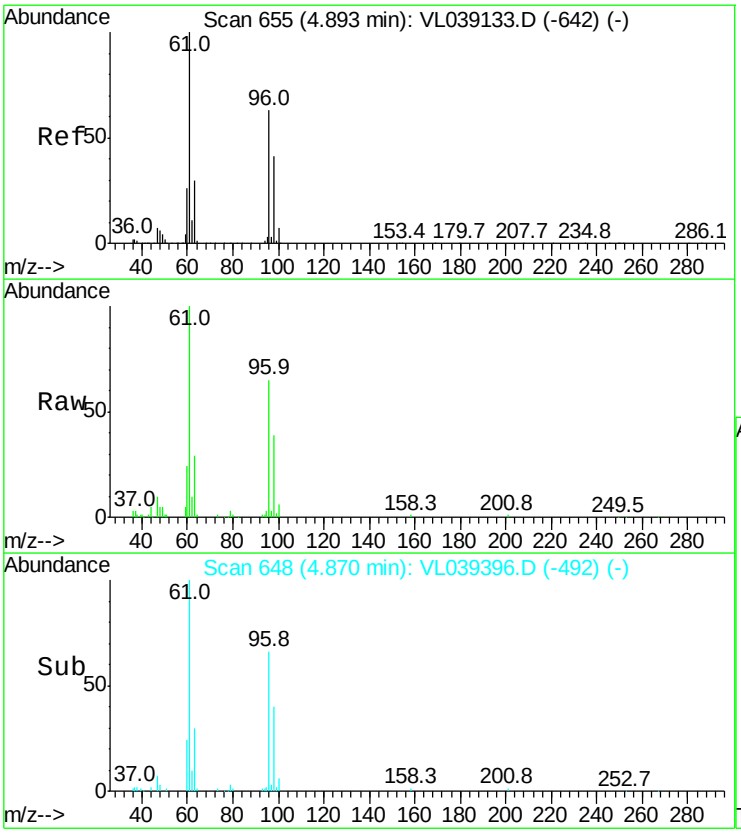
#21
Allyl Chloride
Concen: 1.21 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 109763

Ion	Ratio	Lower	Upper
41	100		
76	27.0	24.4	36.6
39	79.0	63.5	95.3

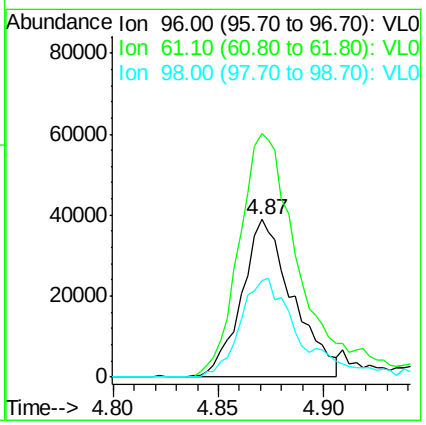


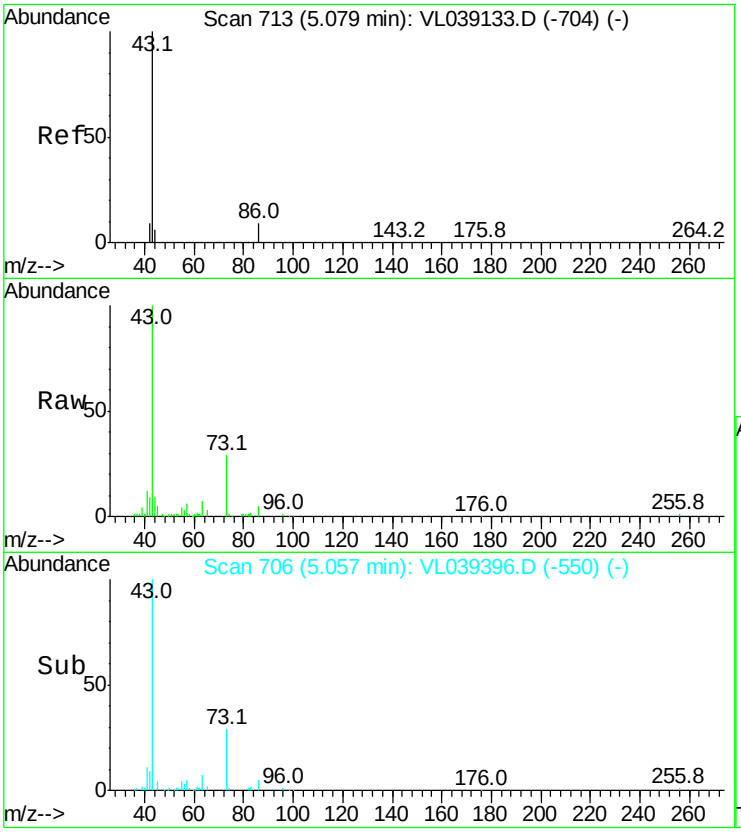


#22
trans-1,2-Dichloroethene
Concen: 1.13 ppbv
RT: 4.87 min Scan# 648
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 96 Resp: 65815

Ion	Ratio	Lower	Upper
96	100		
61	154.7	130.6	195.8
98	61.1	53.4	80.0



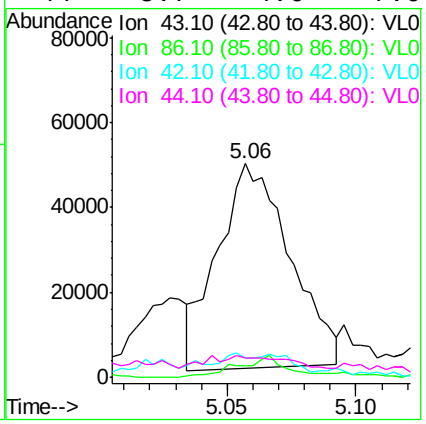


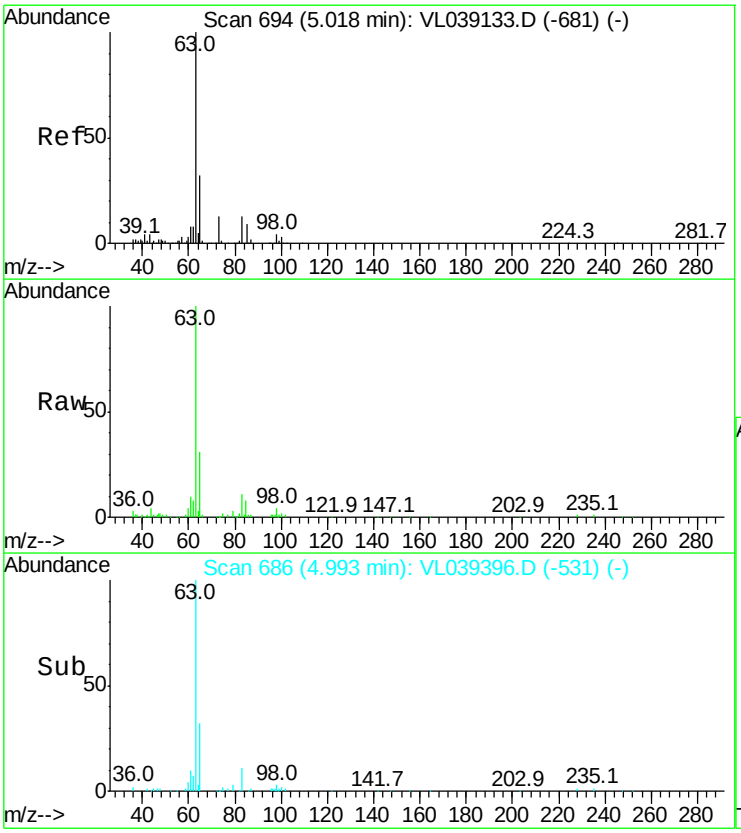
#23
Vinyl Acetate
Concen: 0.85 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 94436

Ion	Ratio	Lower	Upper
43	100		
86	6.0	5.0	7.6
42	5.8	7.7	11.5#
44	5.7	4.6	7.0

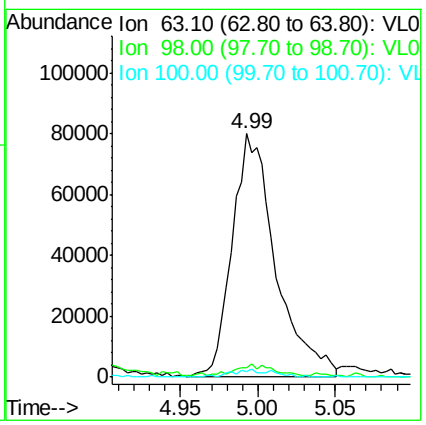


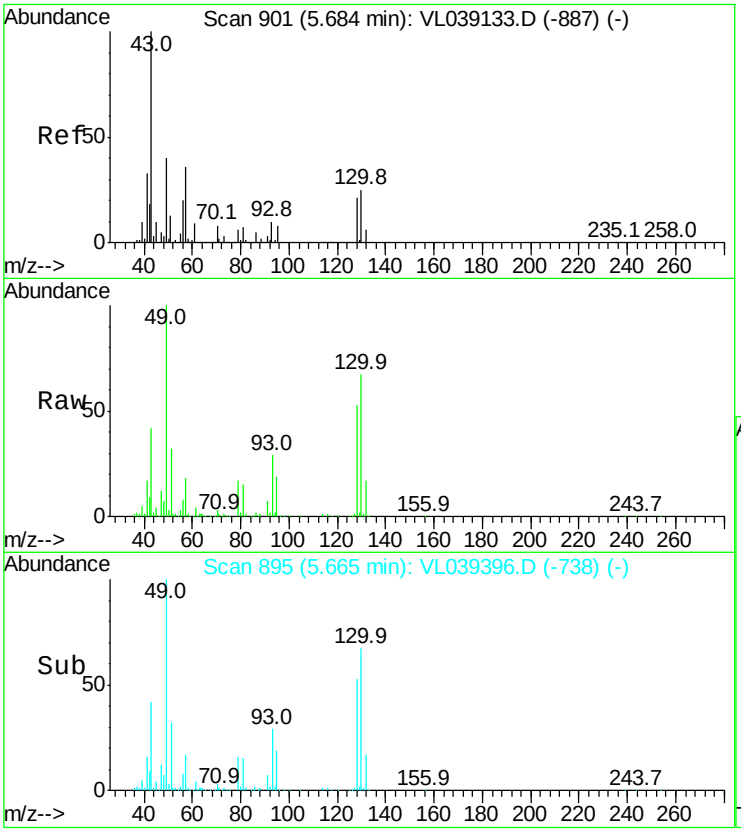


#24
1,1-Dichloroethane
Concen: 1.02 ppbv
RT: 4.99 min Scan# 686
Delta R.T. -0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 63 Resp: 154811

Ion	Ratio	Lower	Upper
63	100		
98	3.2	1.8	5.3
100	2.3	1.5	4.4



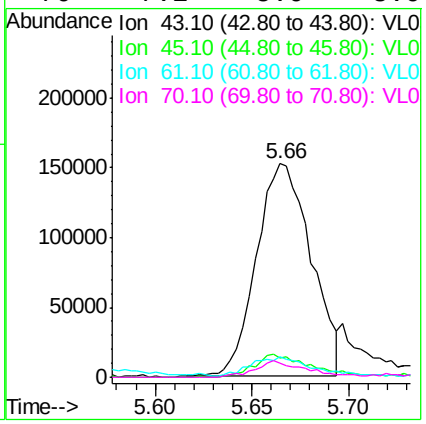


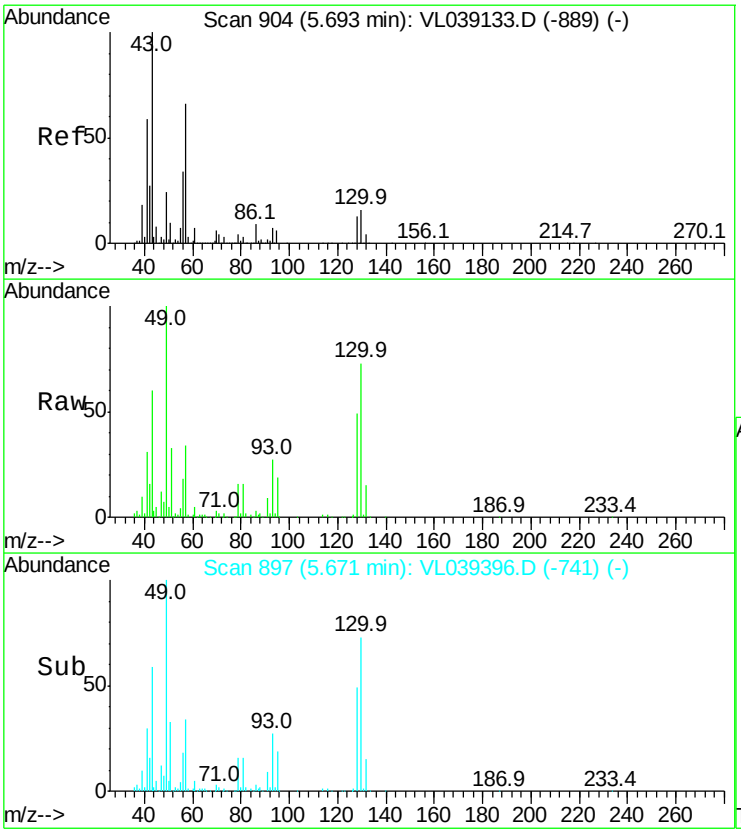
#25
Ethyl Acetate
Concen: 0.99 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 300532

Ion	Ratio	Lower	Upper
43	100		
45	12.2	8.2	12.4
61	12.0	8.3	12.5
70	7.2	5.9	8.9

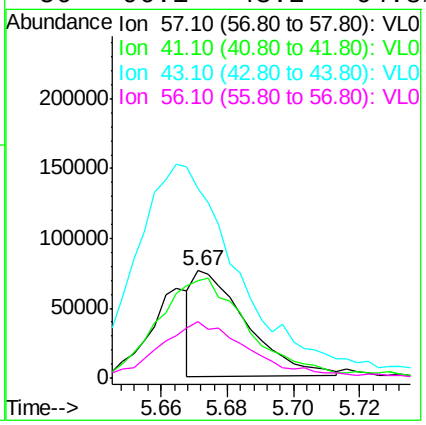


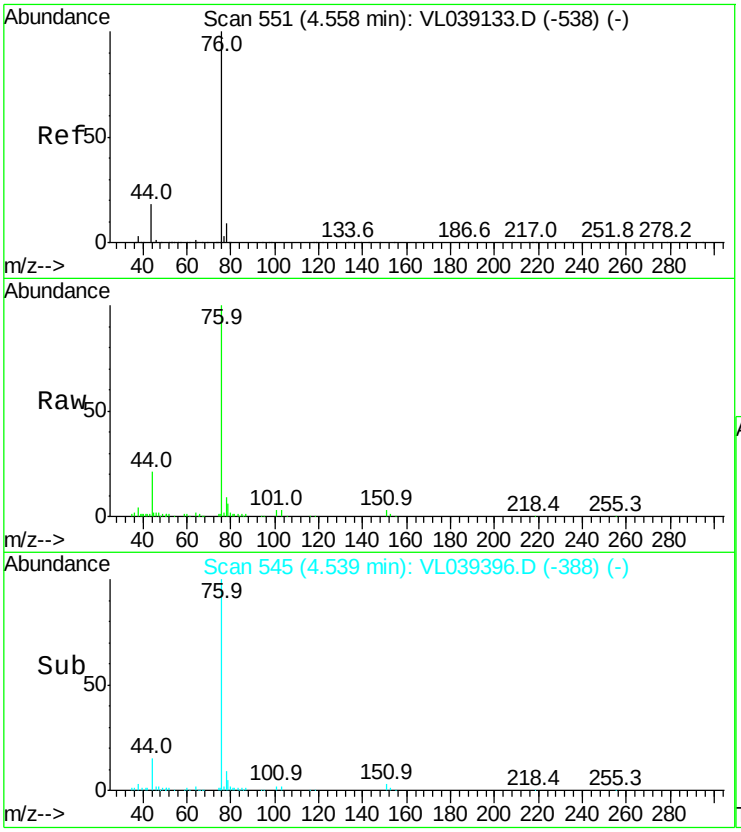


#26
Hexane
Concen: 0.63 ppbv
RT: 5.67 min Scan# 897
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 57 Resp: 83675

Ion	Ratio	Lower	Upper
57	100		
41	174.9	76.9	115.3#
43	0.0	191.0	286.6#
56	96.1	43.2	64.8#



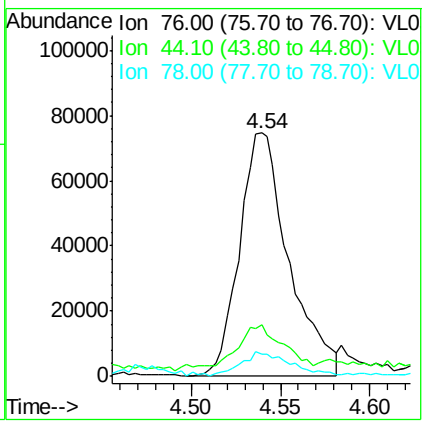


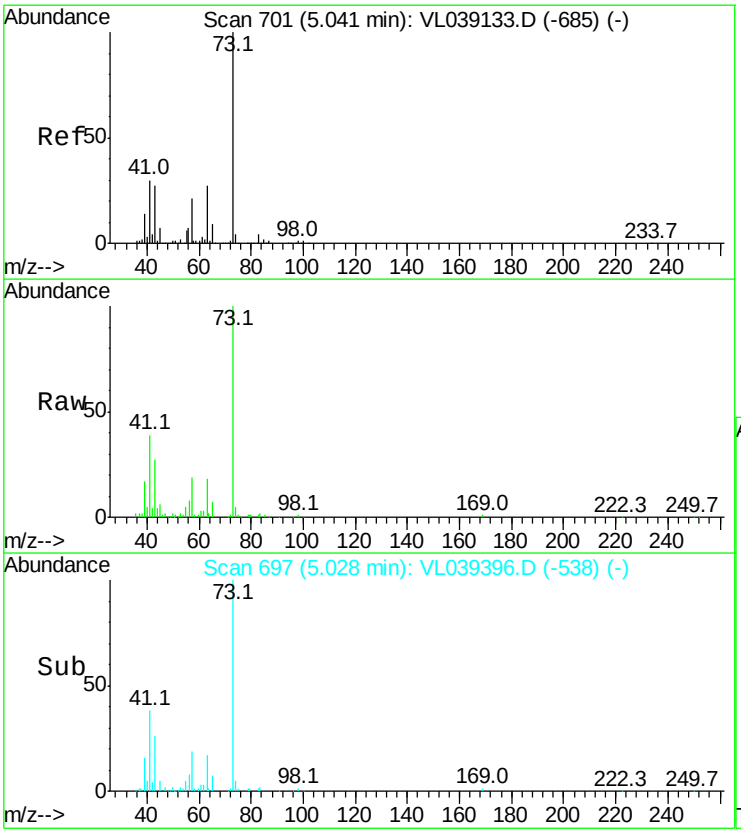
#27
Carbon Disulfide
Concen: 1.05 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 144292

Ion	Ratio	Lower	Upper
76	100		
44	20.6	14.6	21.8
78	11.4	7.8	11.6

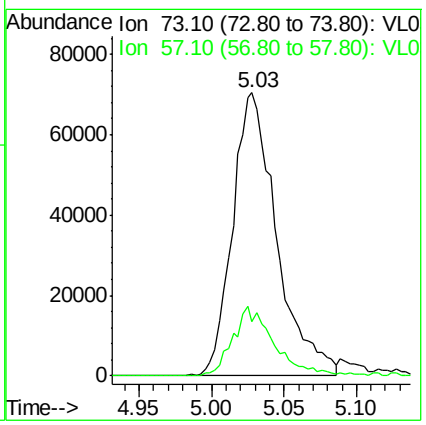


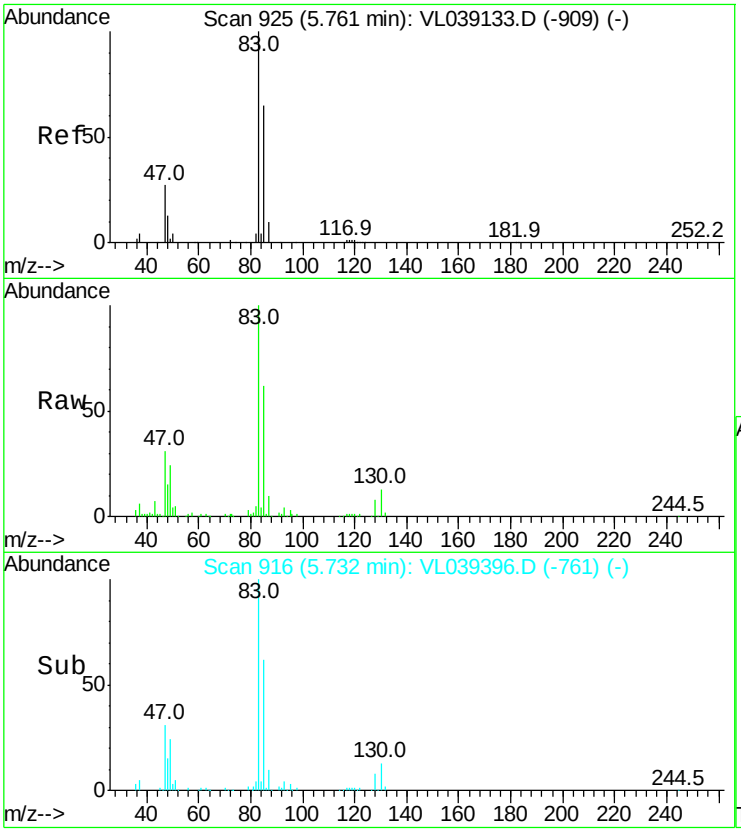


#28
Methyl tert-Butyl Ether
Concen: 1.01 ppbv
RT: 5.03 min Scan# 697
Delta R.T. 0.01 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 73 Resp: 148678

Ion	Ratio	Lower	Upper
73	100		
57	23.5	19.8	29.8



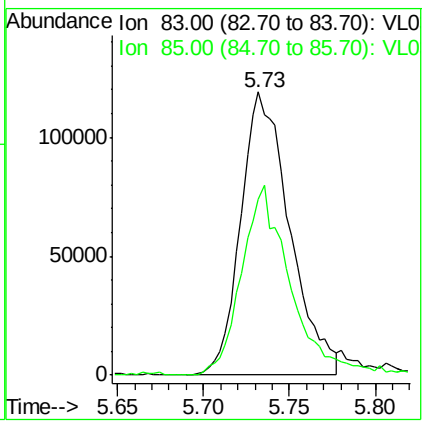


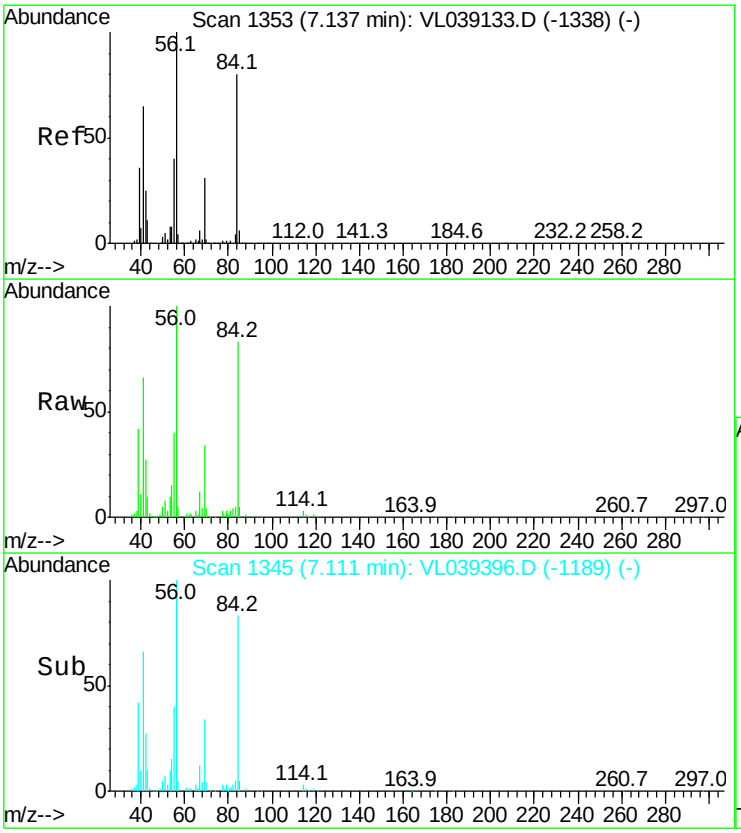
#29
Chloroform
Concen: 1.05 ppbv
RT: 5.73
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 235053

Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.8	79.2

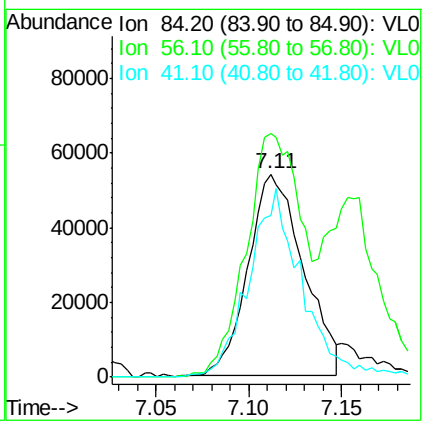


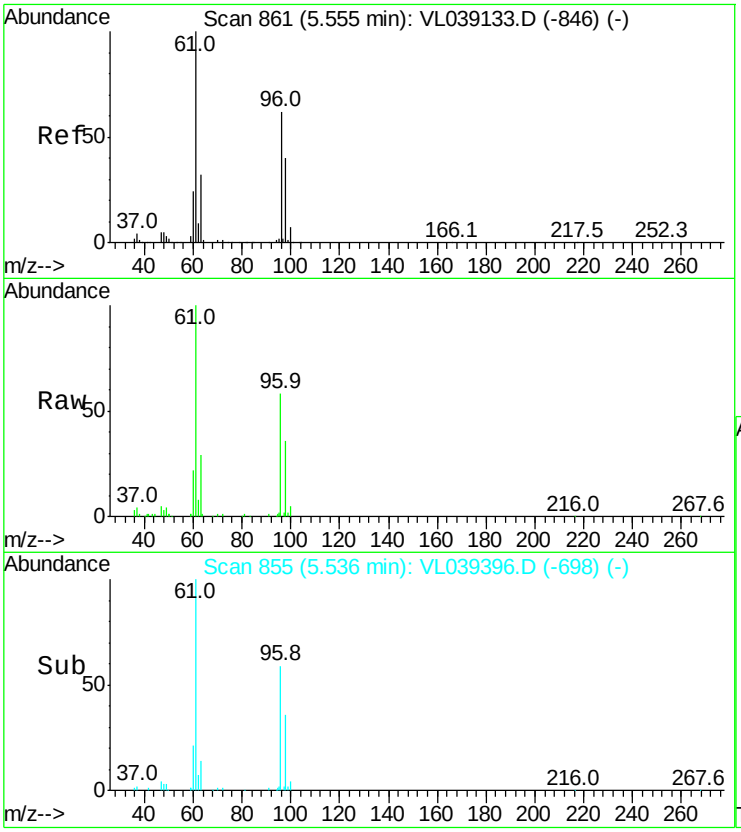


#30
Cyclohexane
Concen: 1.00 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 84 Resp: 111951

Ion	Ratio	Lower	Upper
84	100		
56	131.9	107.7	161.5
41	90.9	67.7	101.5



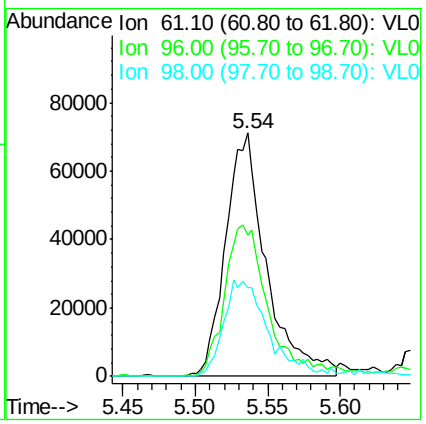


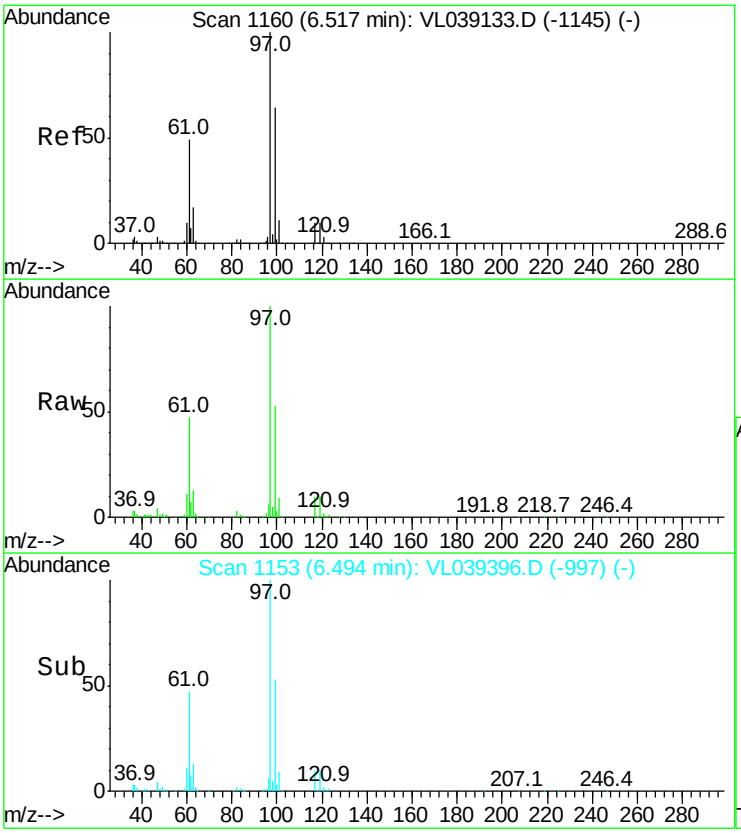
#31
cis-1,2-Dichloroethene
Concen: 1.02 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 138378

Ion	Ratio	Lower	Upper
61	100		
96	57.4	54.1	81.1
98	36.2	34.6	52.0

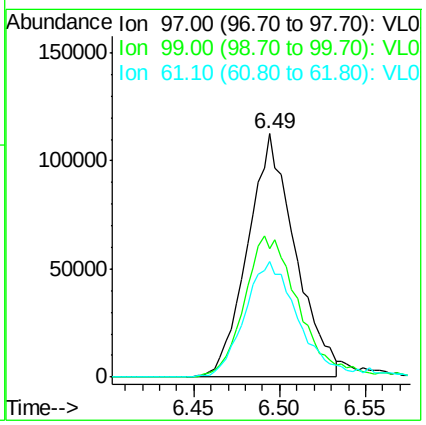


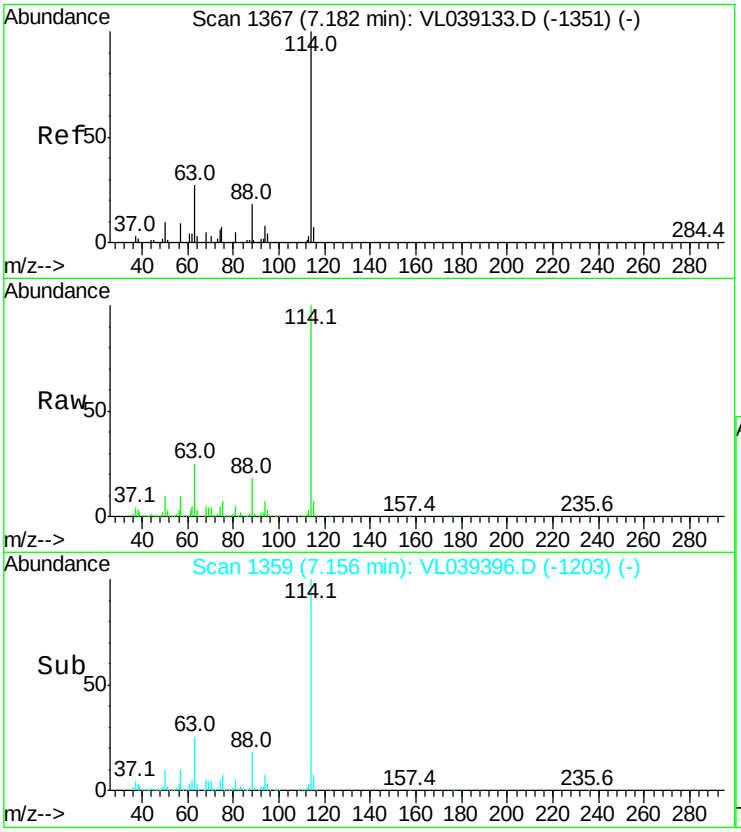


#32
1,1,1-Trichloroethane
Concen: 0.99 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 97 Resp: 216143

Ion	Ratio	Lower	Upper
97	100		
99	67.2	52.3	78.5
61	55.7	40.9	61.3



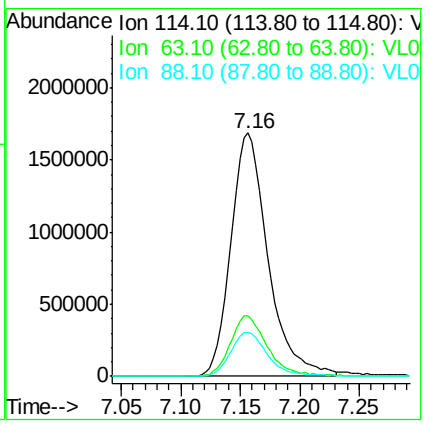


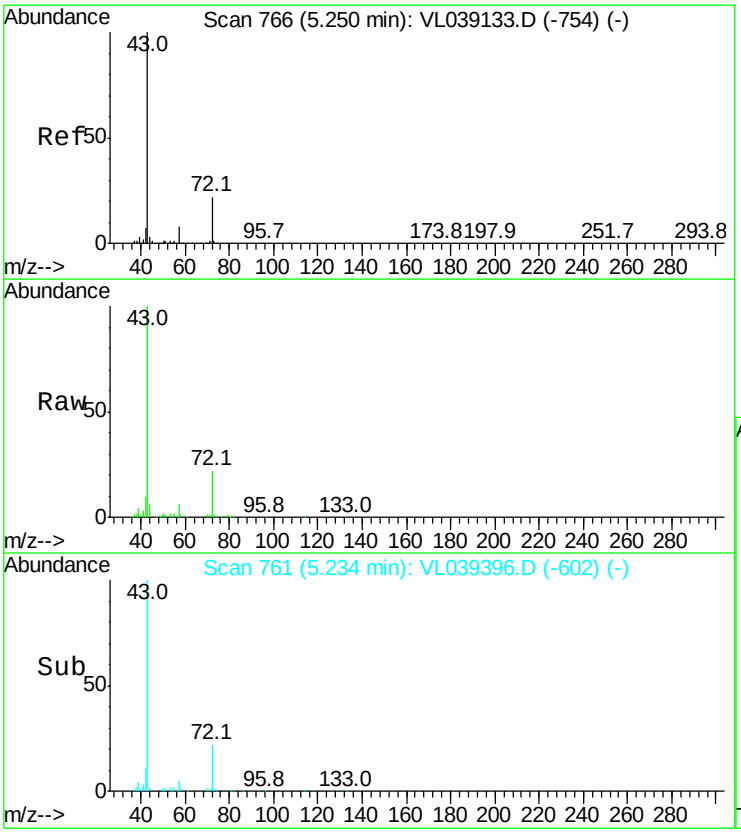
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 3651848

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.2	30.4
88	18.5	14.5	21.7

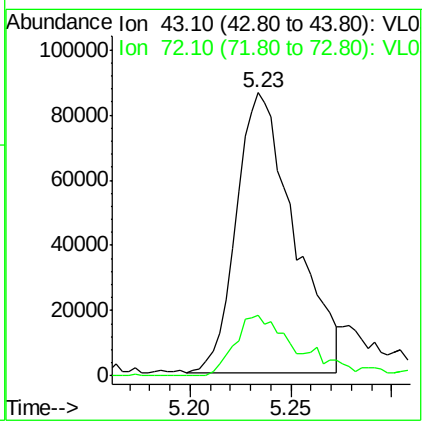


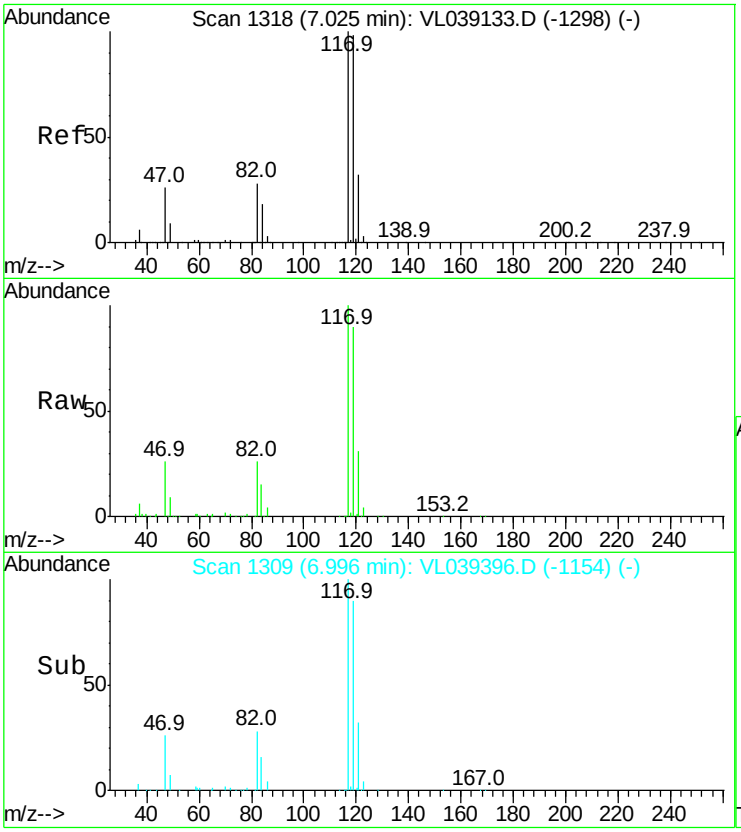


#34
2-Butanone
Concen: 0.87 ppbv
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 43 Resp: 171900

Ion	Ratio	Lower	Upper
43	100		
72	26.5	17.9	26.9



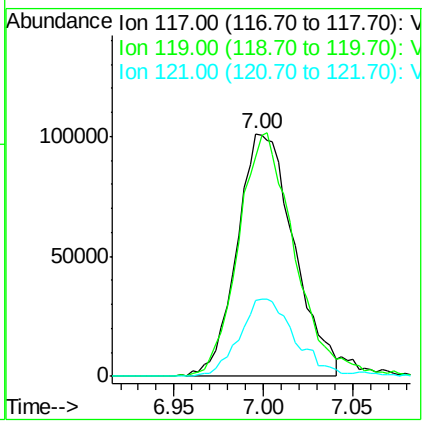


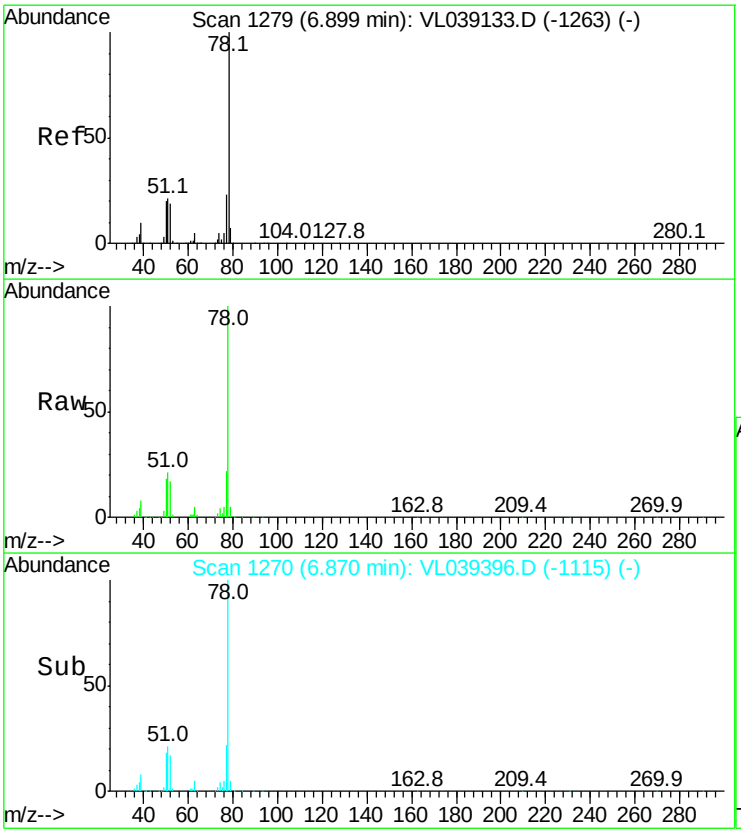
#35
Carbon Tetrachloride
Concen: 0.84 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 224623

Ion	Ratio	Lower	Upper
117	100		
119	90.0	75.4	113.2
121	31.2	24.2	36.2

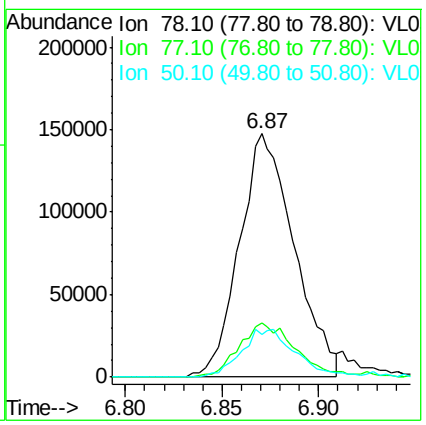


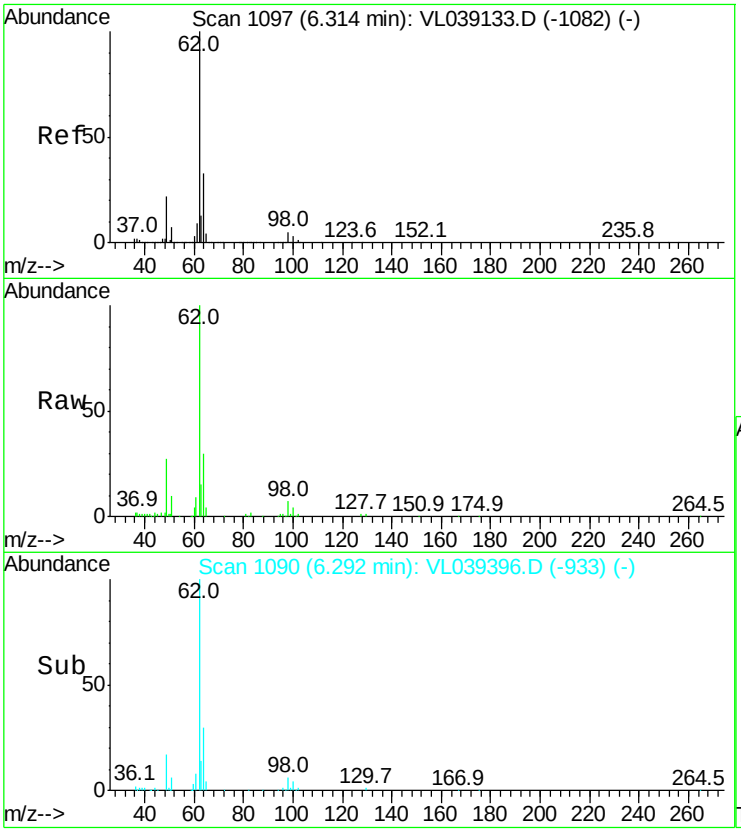


#36
Benzene
Concen: 0.98 ppbv
RT: 6.87 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 78 Resp: 289516

Ion	Ratio	Lower	Upper
78	100		
77	22.1	20.3	30.5
50	17.1	15.5	23.3



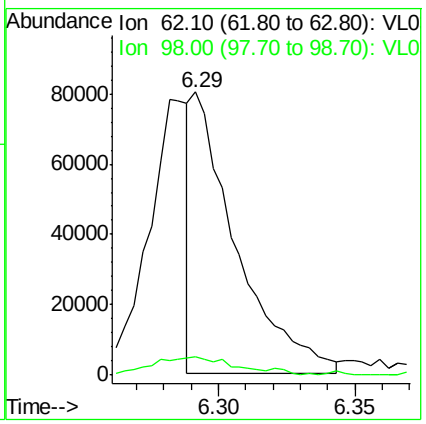


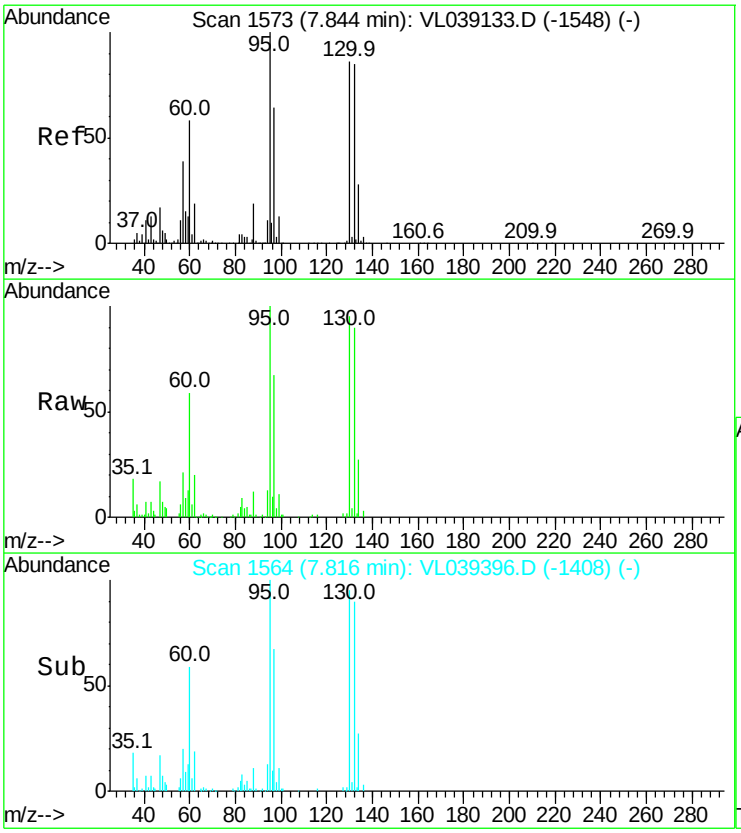
#37
1,2-Dichloroethane
Concen: 0.46 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 89148

Ion	Ratio	Lower	Upper
62	100		
98	13.4	5.1	7.7#

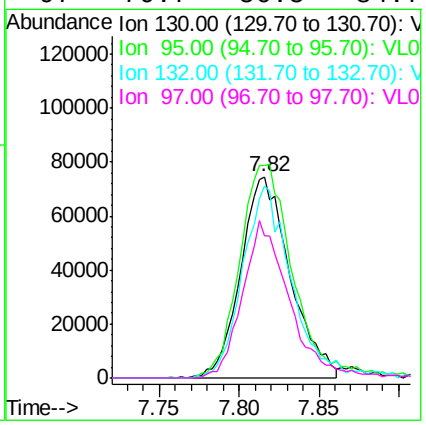


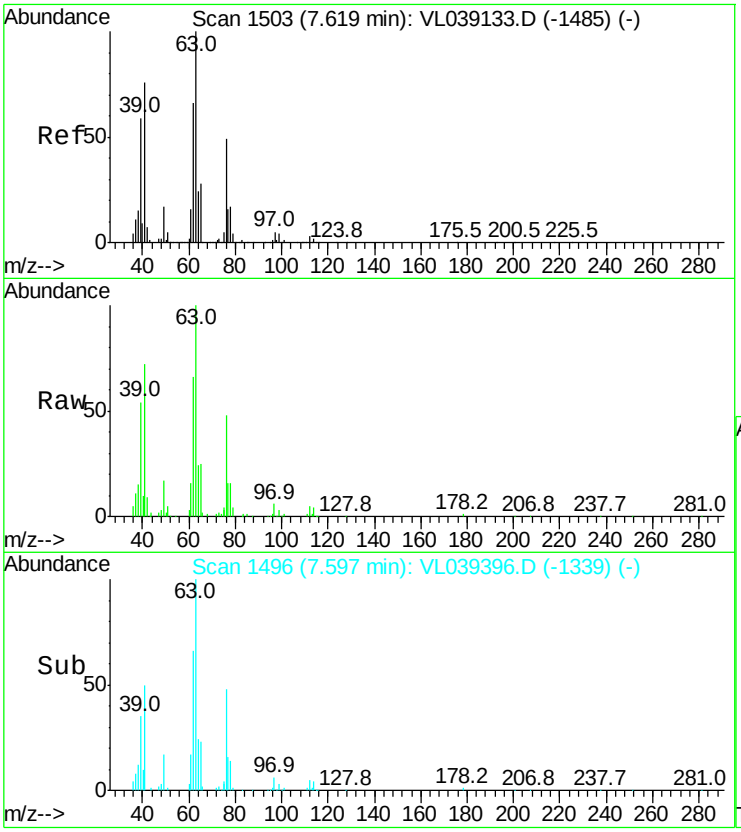


#38
Trichloroethene
Concen: 1.15 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:130 Resp: 157081

Ion	Ratio	Lower	Upper
130	100		
95	105.6	87.3	130.9
132	95.2	76.7	115.1
97	70.7	56.5	84.7



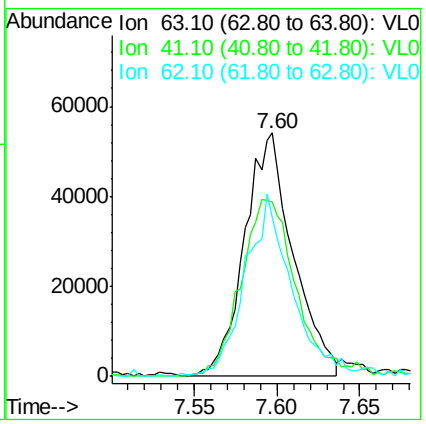


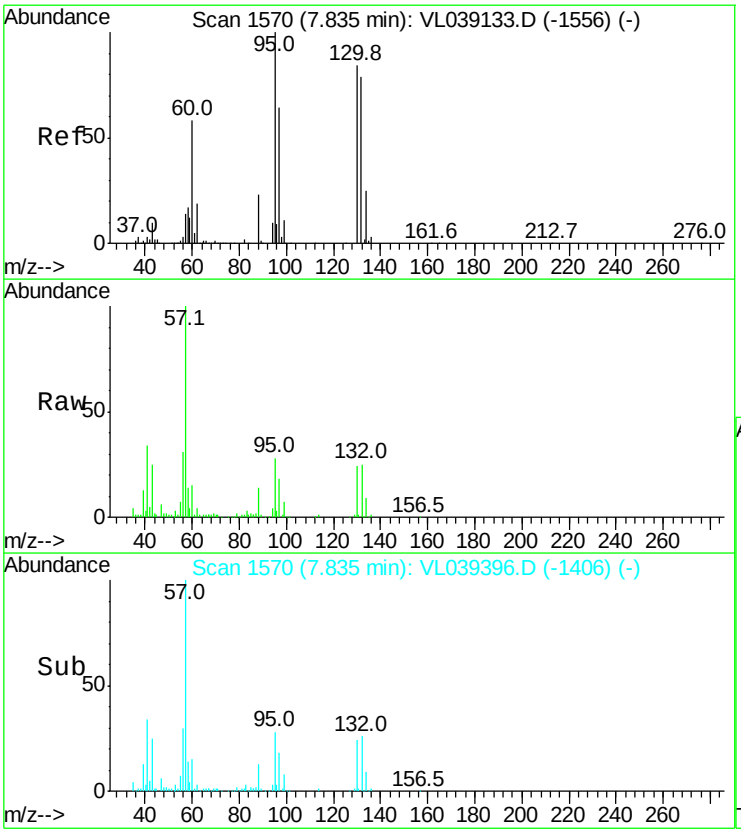
#39
1,2-Dichloropropane
Concen: 0.94 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 110515

Ion	Ratio	Lower	Upper
63	100		
41	71.5	59.6	89.4
62	64.9	51.4	77.0

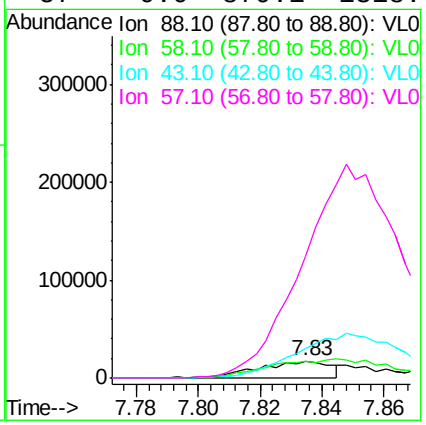


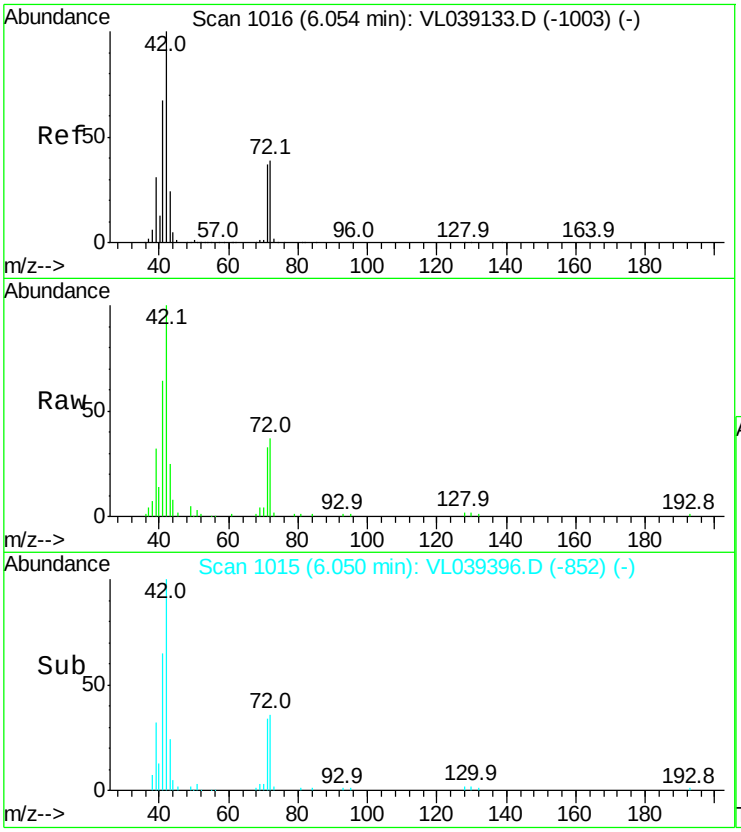


#40
1,4-Dioxane
Concen: 0.72 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. 0.03 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 88 Resp: 27777

Ion	Ratio	Lower	Upper
88	100		
58	0.0	100.2	150.4#
43	0.0	205.8	308.6#
57	0.0	879.1	1318.7#



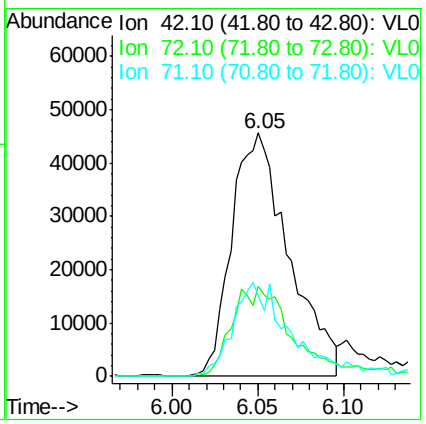


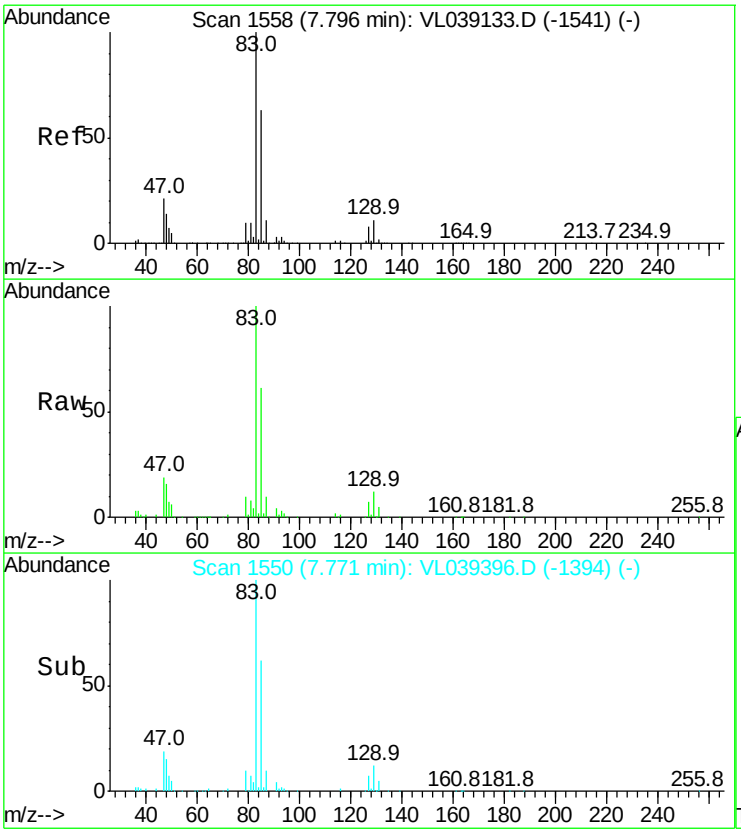
#41
Tetrahydrofuran
Concen: 0.88 ppbv
RT: 6.05
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 105353

Ion	Ratio	Lower	Upper
42	100		
72	42.2	31.8	47.8
71	41.5	31.8	47.8

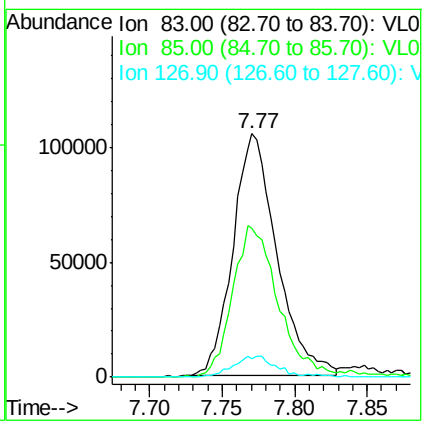


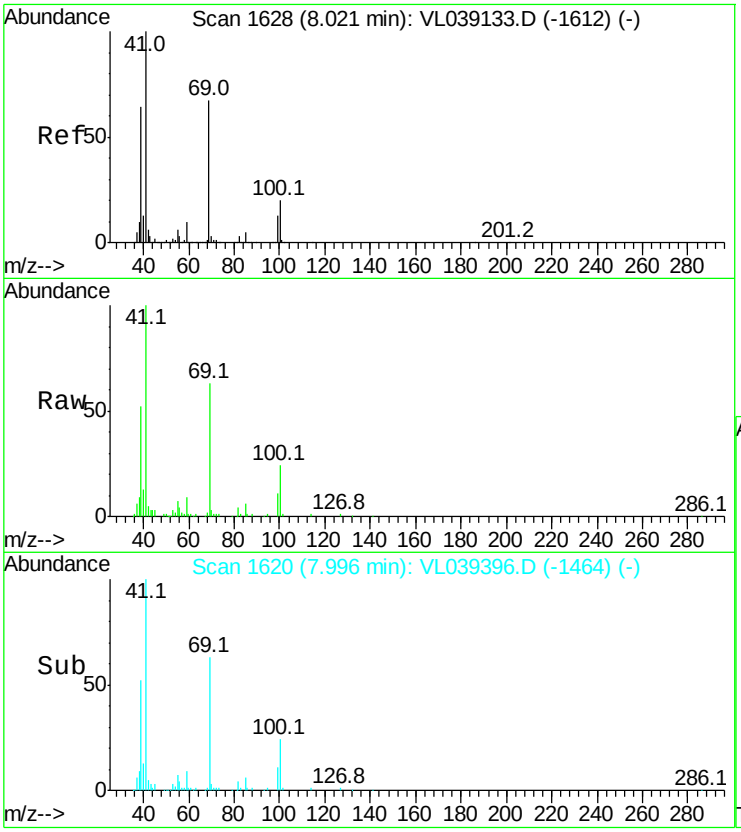


#42
Bromodichloromethane
Concen: 0.83 ppbv
RT: 7.77 min Scan# 1550
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 83 Resp: 223511

Ion	Ratio	Lower	Upper
83	100		
85	60.8	50.7	76.1
127	7.3	6.6	9.8



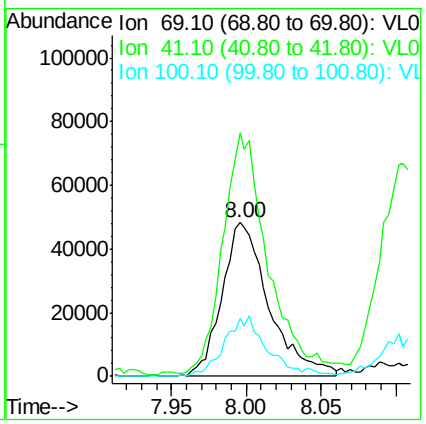


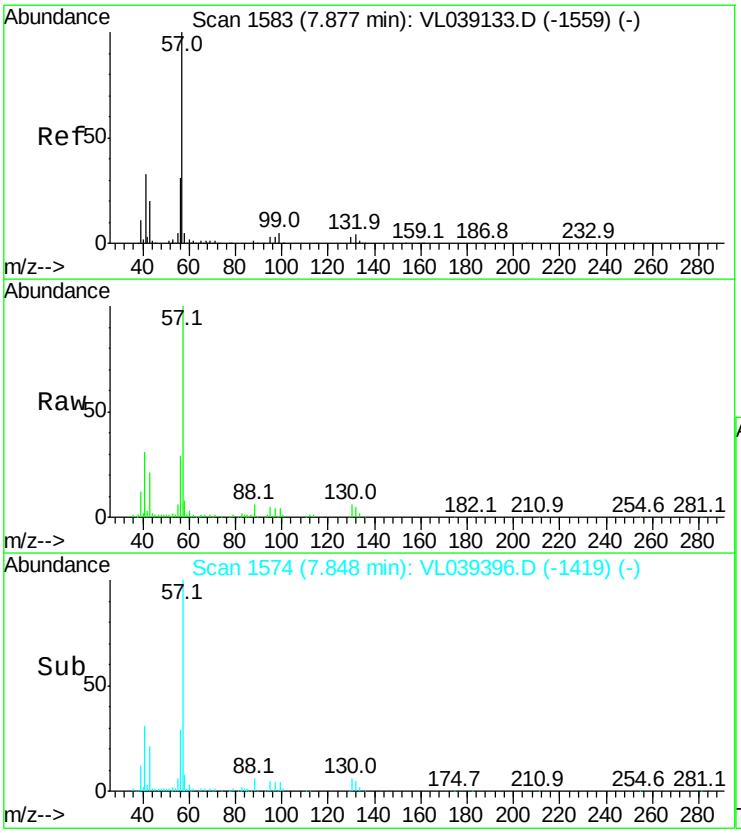
#43
Methyl Methacrylate
Concen: 0.92 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 105774

Ion	Ratio	Lower	Upper
69	100		
41	153.4	120.8	181.2
100	35.9	27.8	41.6

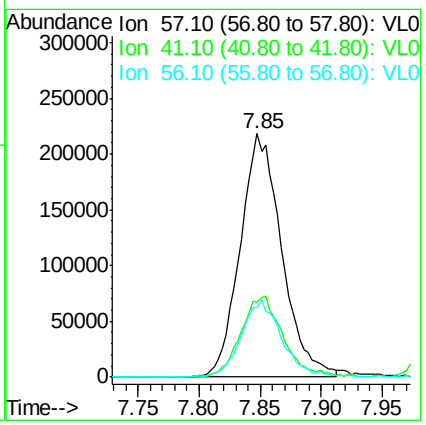


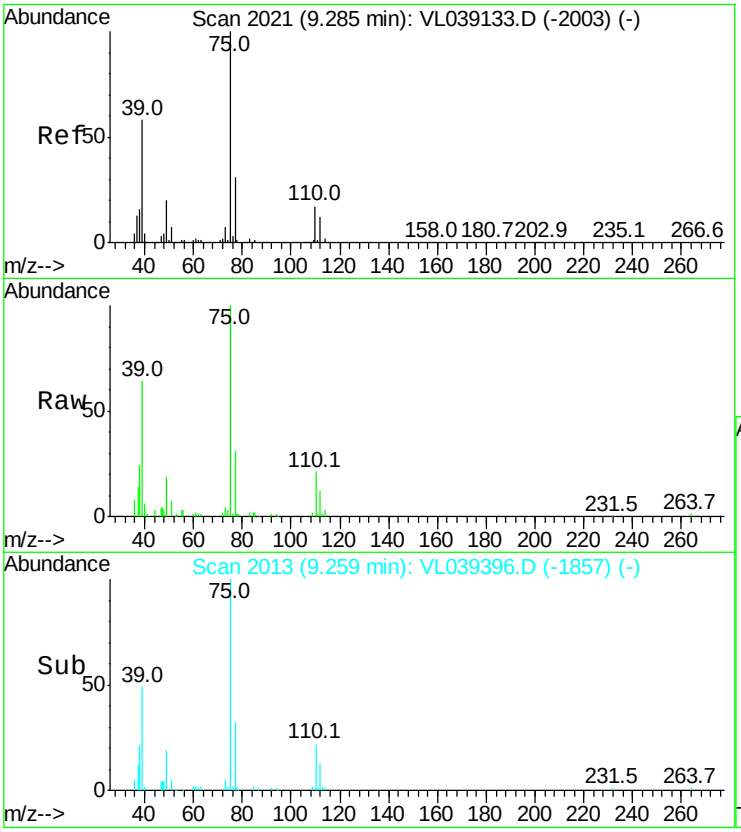


#44
2,2,4-Trimethylpentane
Concen: 0.99 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 57 Resp: 513565

Ion	Ratio	Lower	Upper
57	100		
41	34.1	27.4	41.2
56	31.1	24.5	36.7



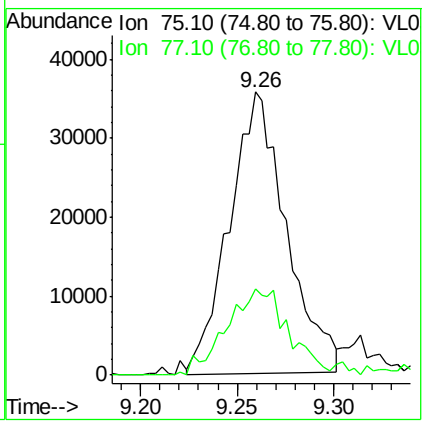


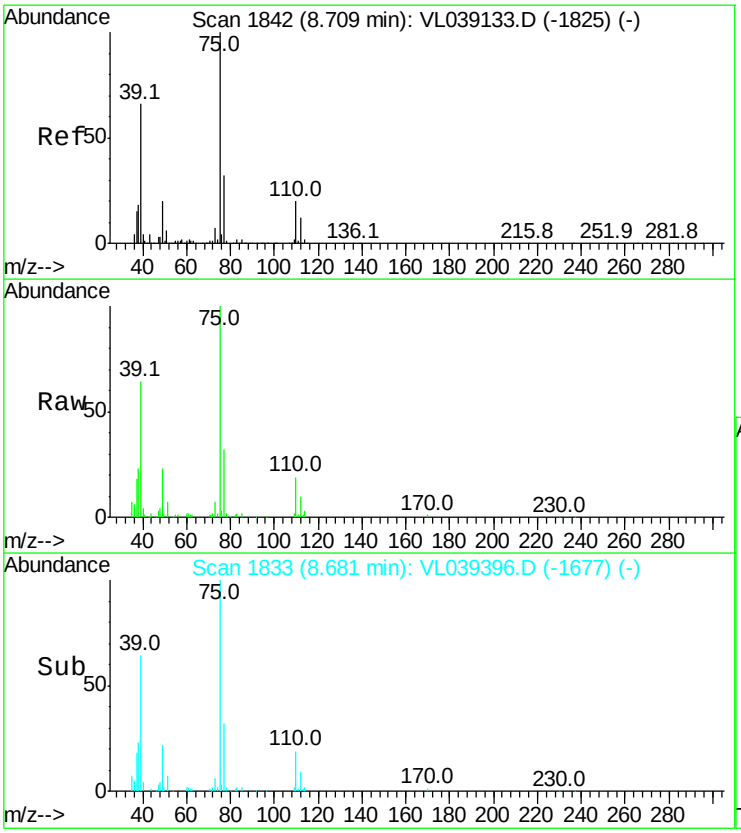
#45
t-1,3-Dichloropropene
Concen: 0.61 ppbv
RT: 9.26
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 73087

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8

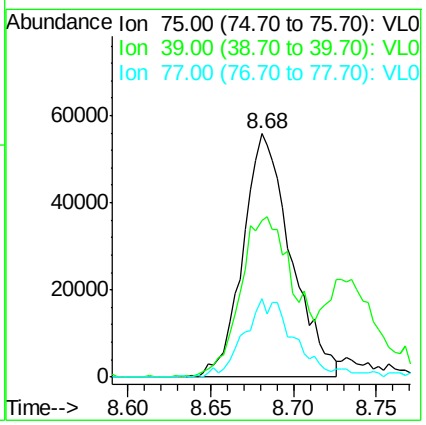


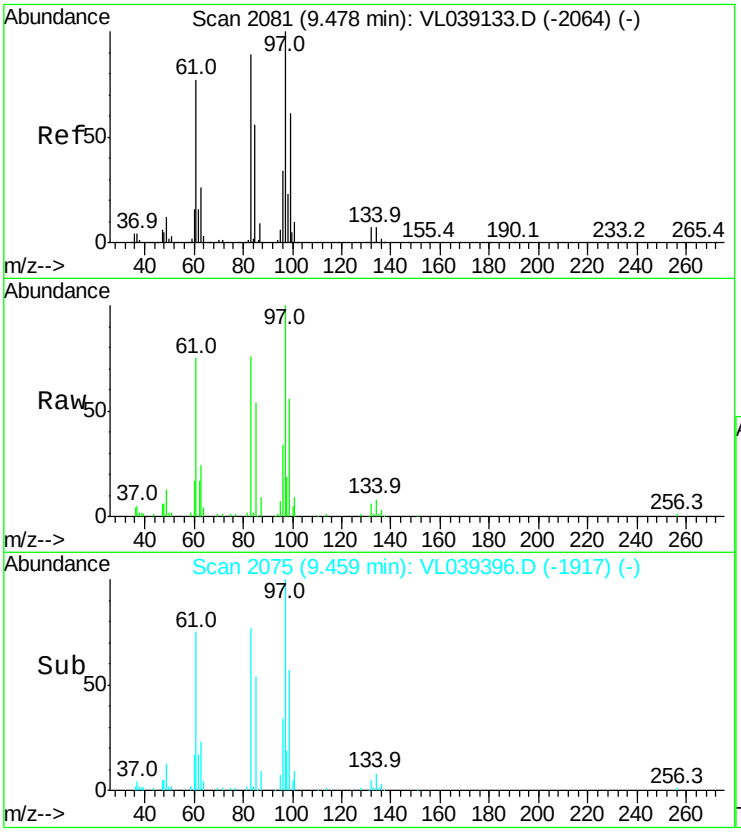


#46
cis-1,3-Dichloropropene
Concen: 0.71 ppbv
RT: 8.68 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 75 Resp: 112634

Ion	Ratio	Lower	Upper
75	100		
39	63.3	55.0	82.4
77	32.2	25.7	38.5



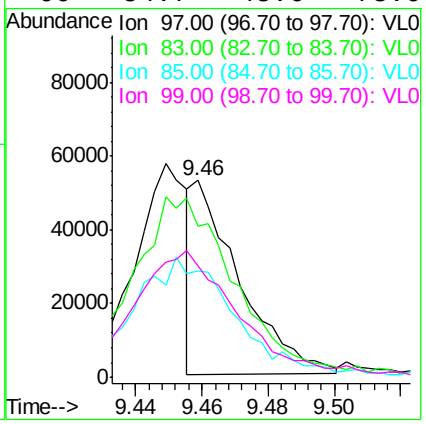


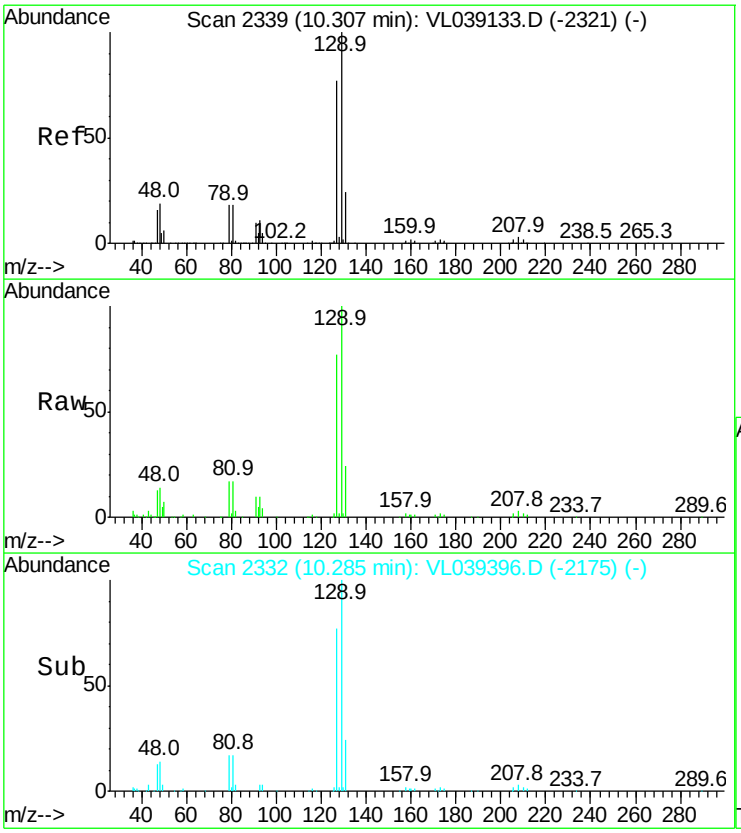
#47
1,1,2-Trichloroethane
Concen: 0.42 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 51381

Ion	Ratio	Lower	Upper
97	100		
83	74.9	67.4	101.0
85	54.0	45.1	67.7
99	54.7	48.6	73.0

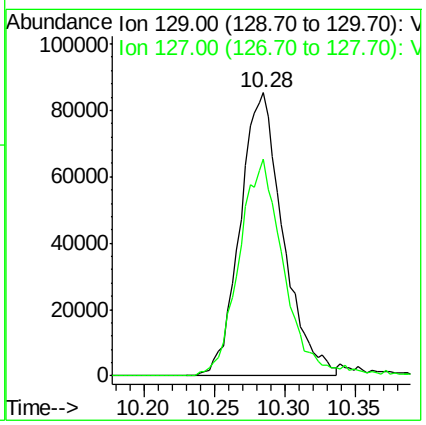


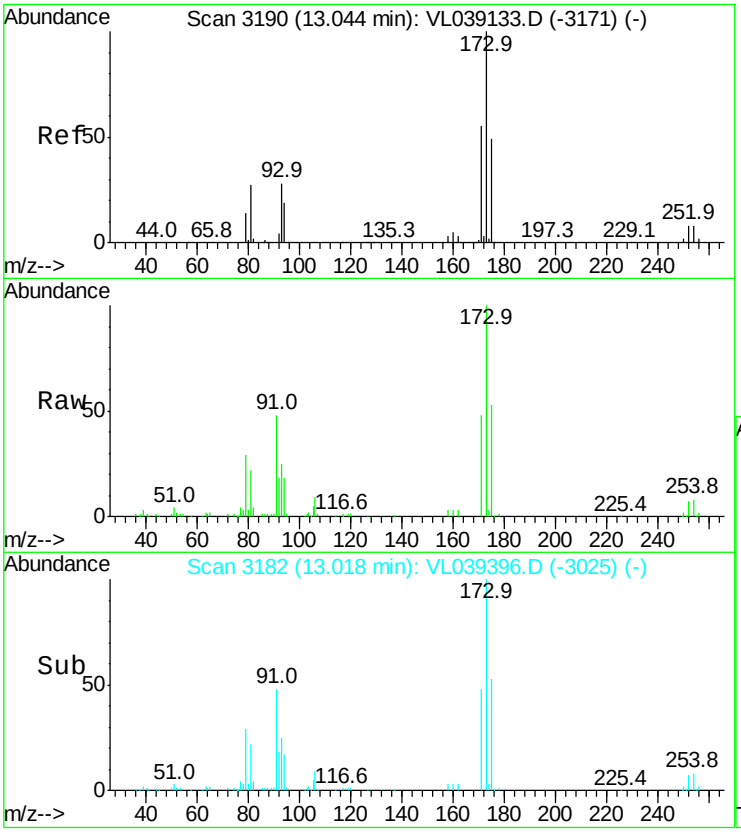


#48
Dibromochloromethane
Concen: 0.83 ppbv
RT: 10.28 min Scan# 2332
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:129 Resp: 181908

Ion	Ratio	Lower	Upper
129	100		
127	80.2	39.3	117.9



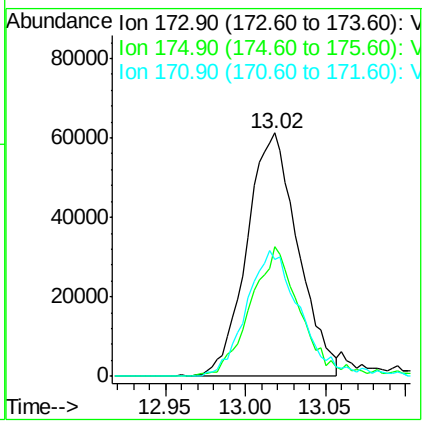


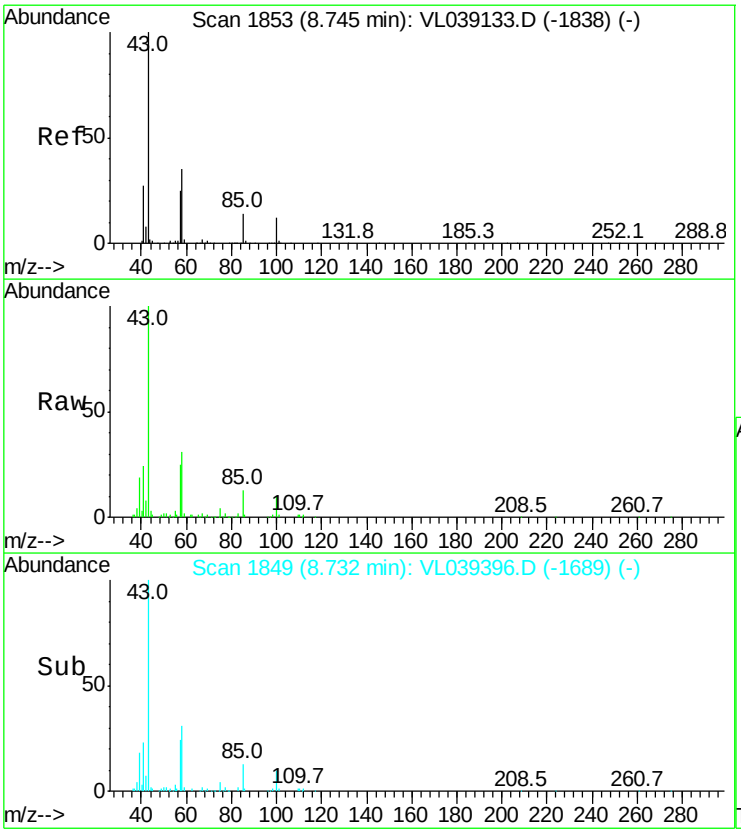
#49
Bromoform
Concen: 0.74 ppbv
RT: 13.02
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 134640

Ion	Ratio	Lower	Upper
173	100		
175	52.0	40.3	60.5
171	54.7	42.9	64.3

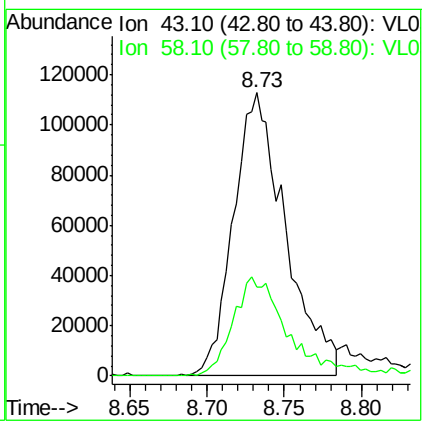


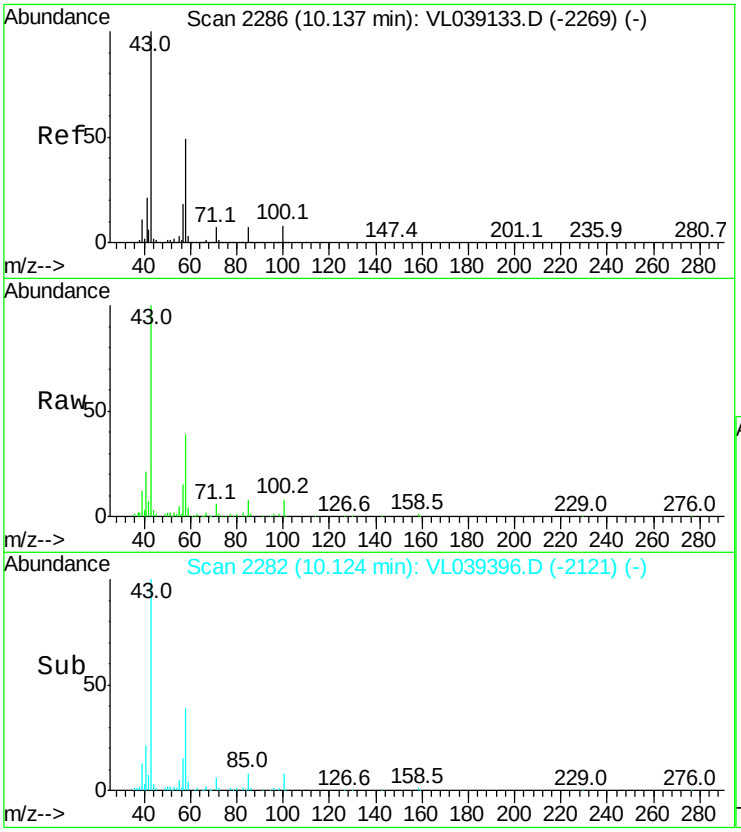


#50
4-Methyl-2-Pentanone
Concen: 0.88 ppbv
RT: 8.73 min Scan# 1849
Delta R.T. 0.01 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 43 Resp: 262341

Ion	Ratio	Lower	Upper
43	100		
58	37.7	28.8	43.2



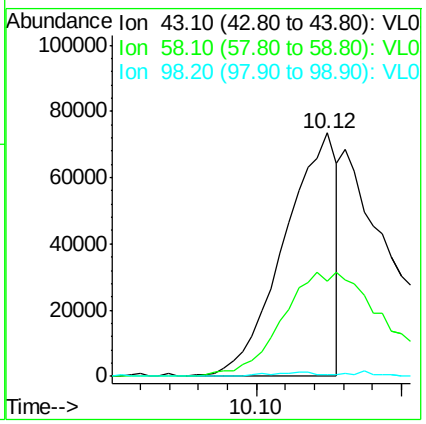


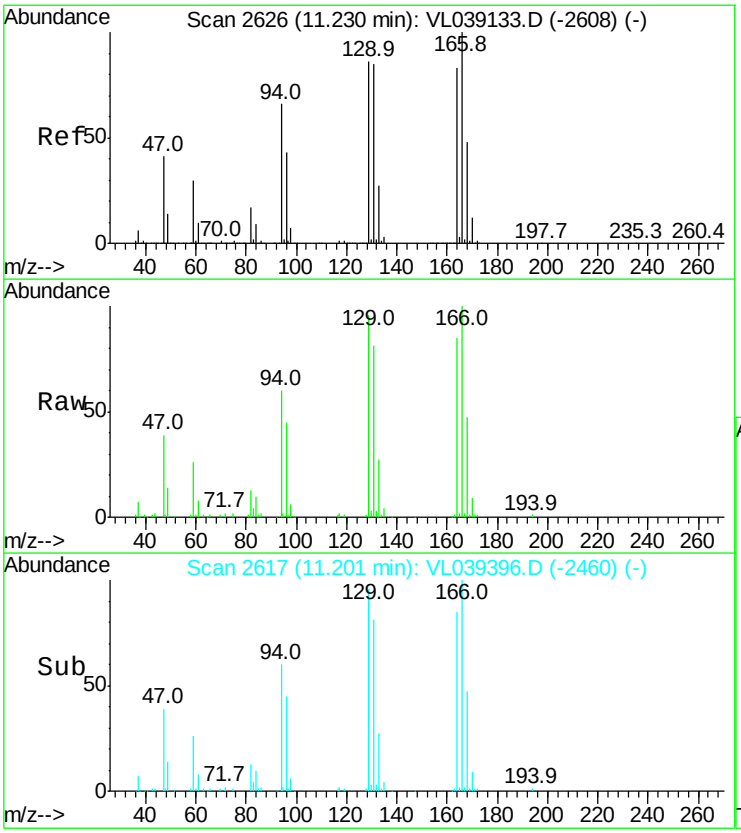
#51
2-Hexanone
Concen: 0.40 ppbv
RT: 10.12
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 92939

Ion	Ratio	Lower	Upper
43	100		
58	99.2	38.4	57.6#
98	0.2	0.3	0.5#

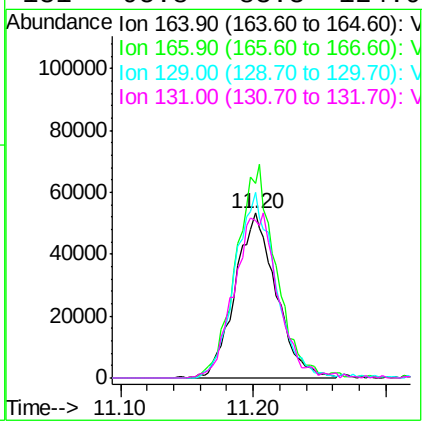


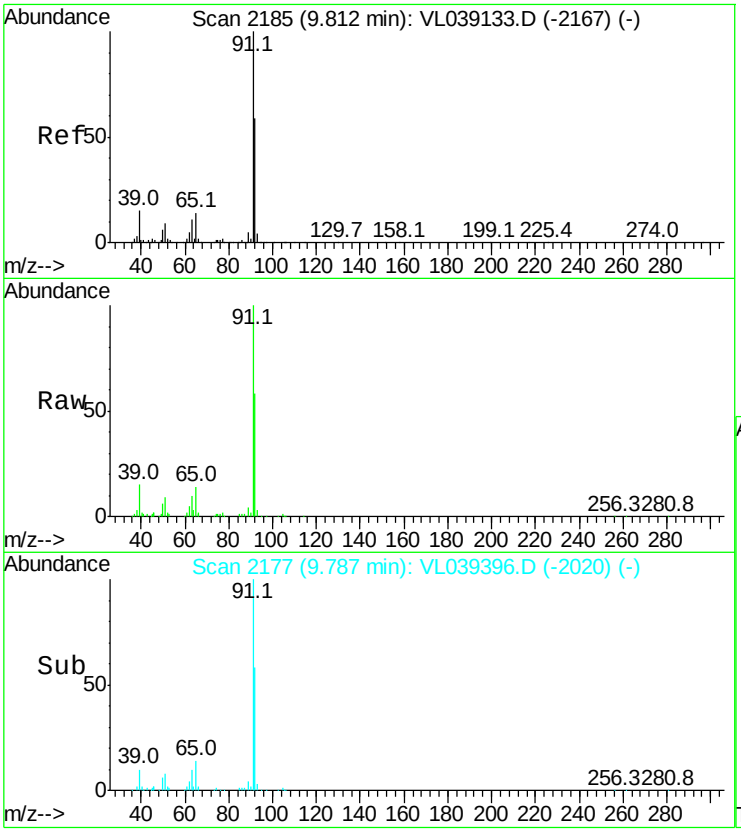


#52
Tetrachloroethene
Concen: 0.99 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:164 Resp: 114512

Ion	Ratio	Lower	Upper
164	100		
166	117.9	102.2	153.2
129	112.8	85.8	128.8
131	95.8	83.3	124.9



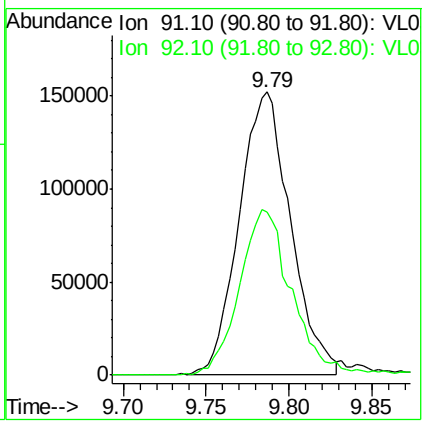


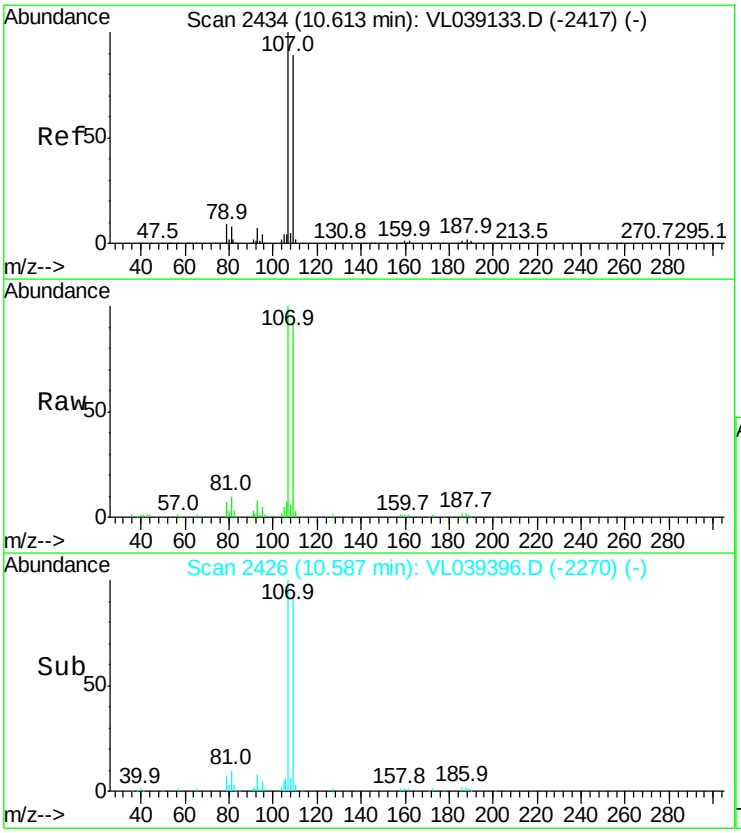
#53
Toluene
Concen: 0.96 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 327347

Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.2	72.2

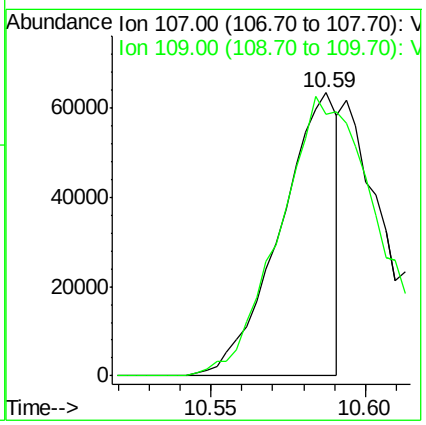


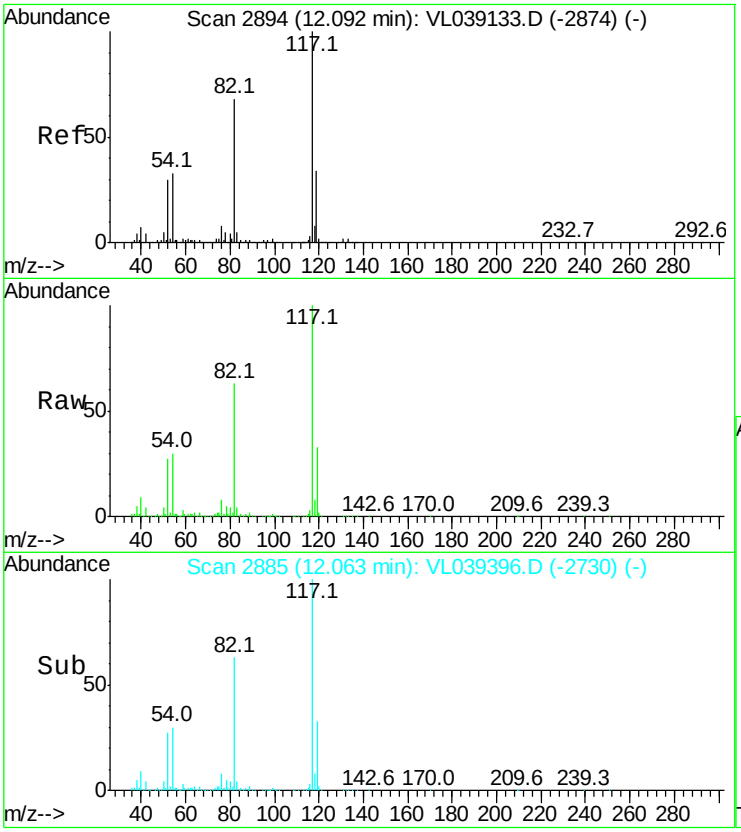


#54
1,2-Dibromoethane
Concen: 0.49 ppbv
RT: 10.59 min Scan# 2426
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:107 Resp: 80849

Ion	Ratio	Lower	Upper
107	100		
109	92.2	74.8	112.2



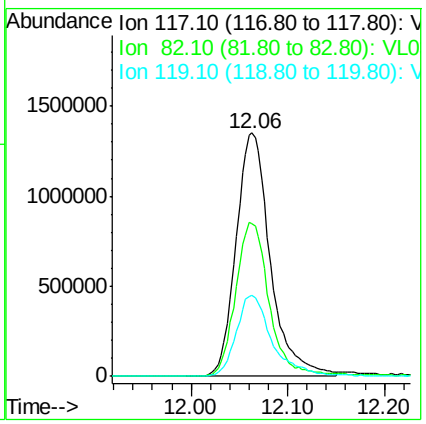


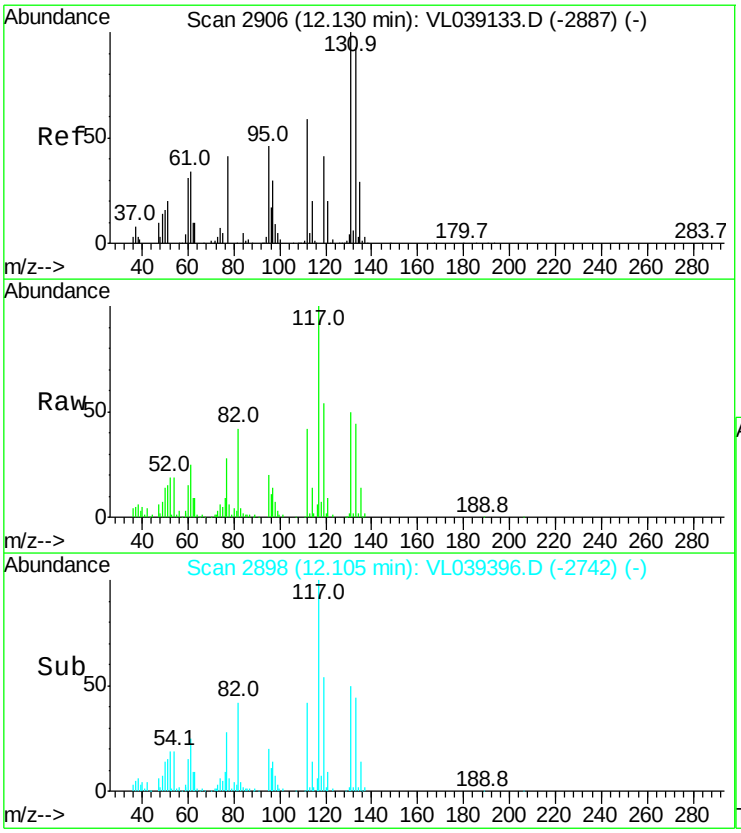
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 3324055

Ion	Ratio	Lower	Upper
117	100		
82	62.9	50.8	76.2
119	35.4	24.1	36.1

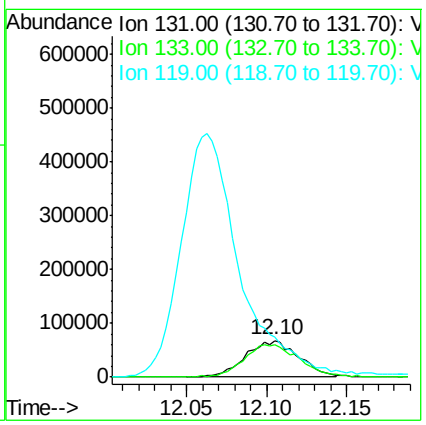


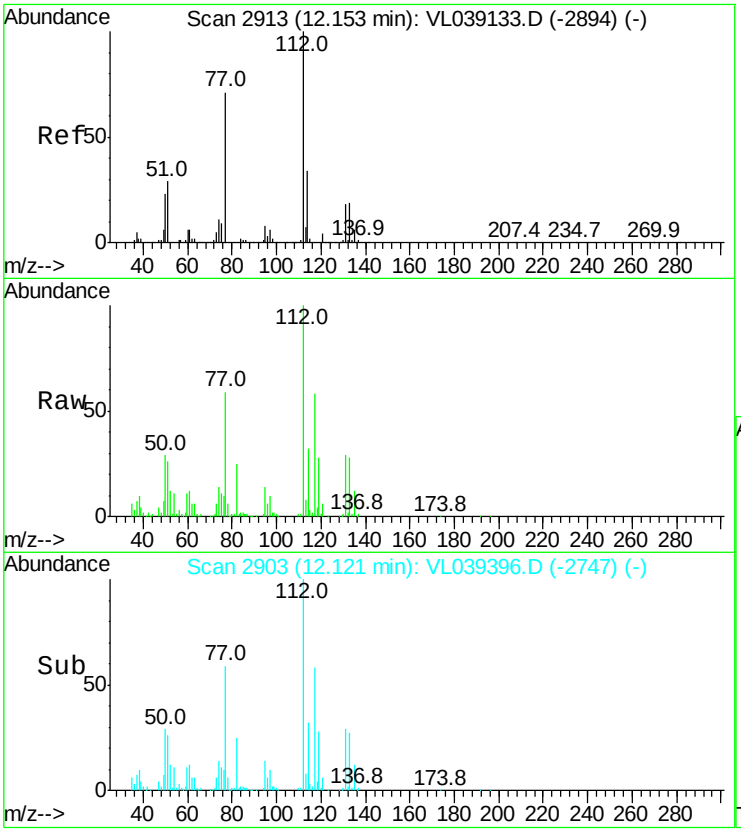


#56
1,1,1,2-Tetrachloroethane
Concen: 0.98 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:131 Resp: 153937

Ion	Ratio	Lower	Upper
131	100		
133	95.2	76.8	115.2
119	765.2	46.2	69.4#



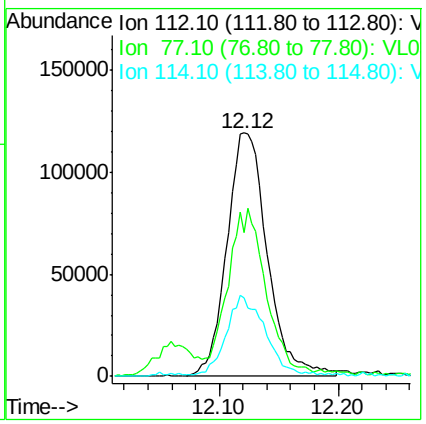


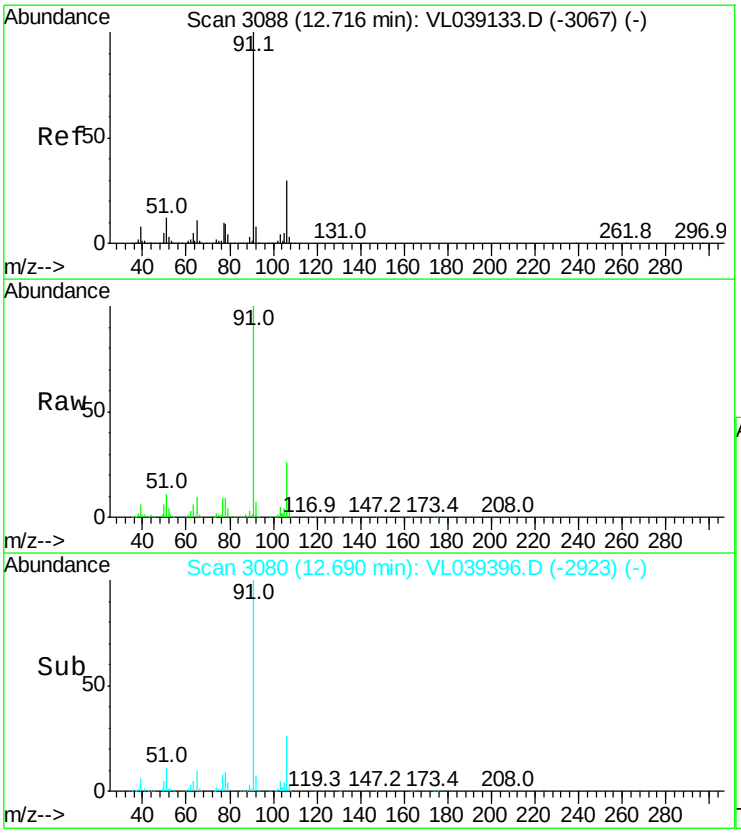
#57
Chlorobenzene
Concen: 1.11 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 278352

Ion	Ratio	Lower	Upper
112	100		
77	57.0	51.0	76.4
114	31.7	27.5	33.6

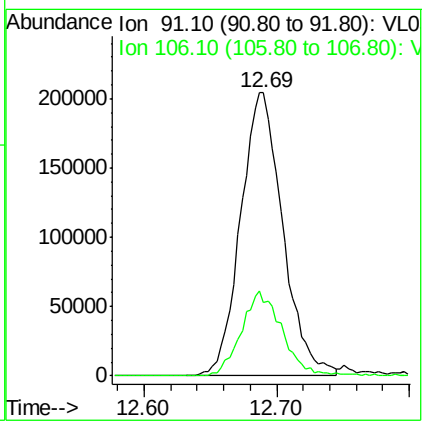


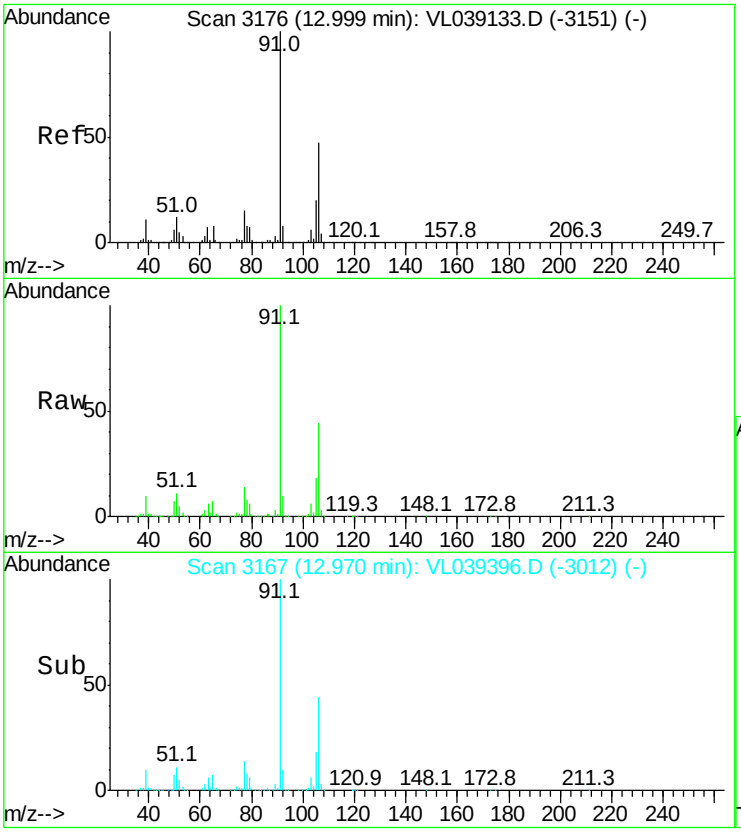


#58
Ethyl Benzene
Concen: 0.99 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 91 Resp: 451143

Ion	Ratio	Lower	Upper
91	100		
106	25.8	25.4	38.0



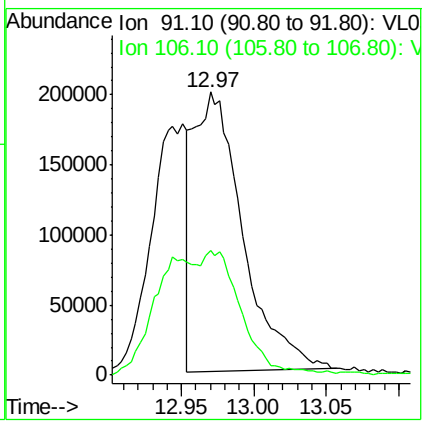


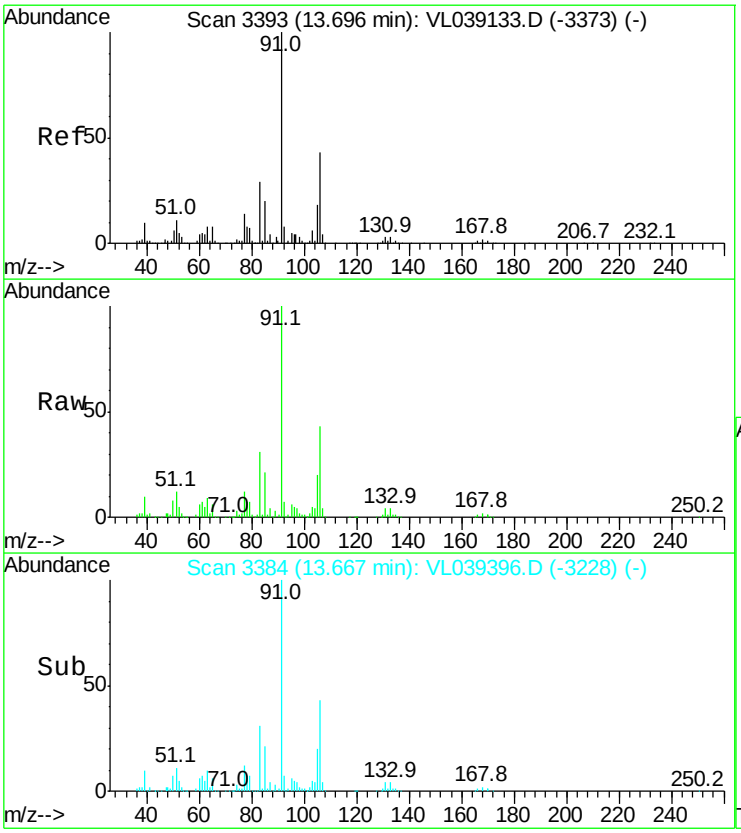
#59
m/p-Xylene
Concen: 1.16 ppbv
RT: 12.97
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 469309

Ion	Ratio	Lower	Upper
91	100		
106	75.2	35.4	53.2#

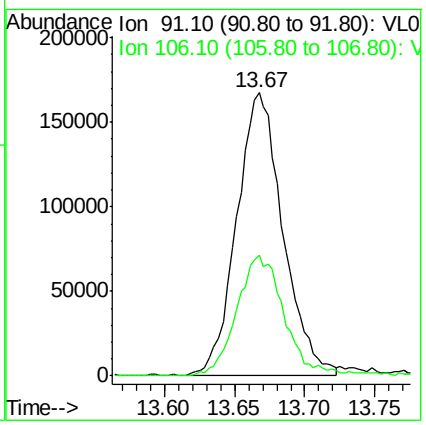


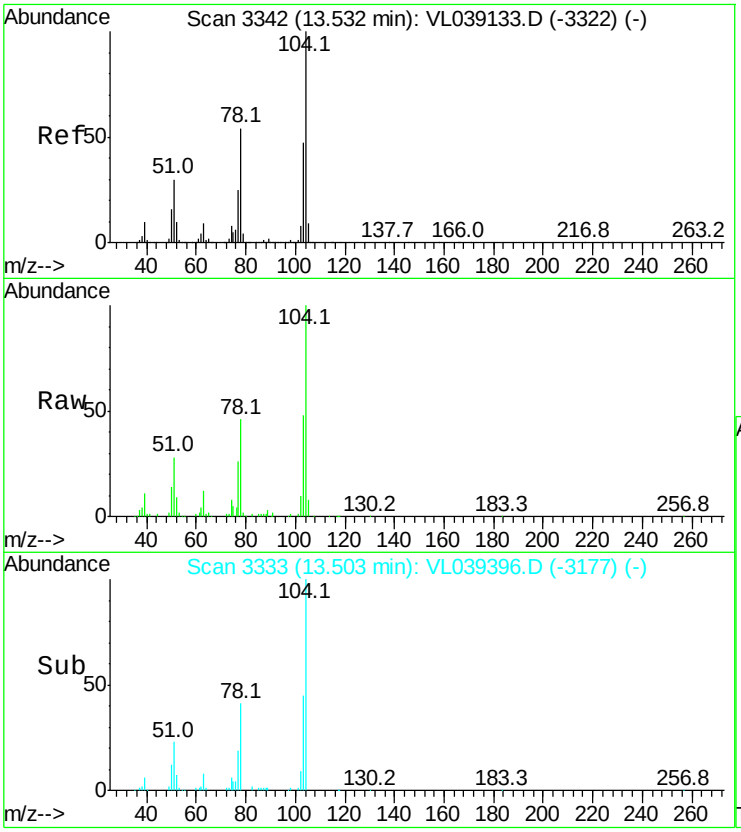


#60
o-Xylene
Concen: 1.02 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 91 Resp: 385550

Ion	Ratio	Lower	Upper
91	100		
106	44.4	22.4	67.3



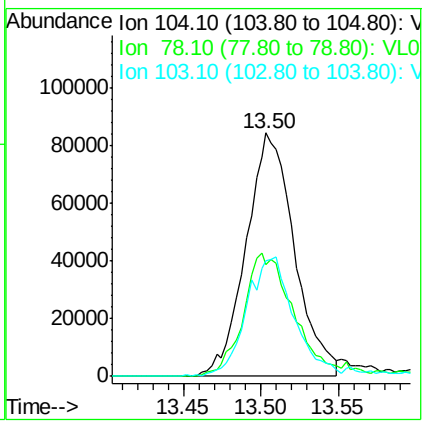


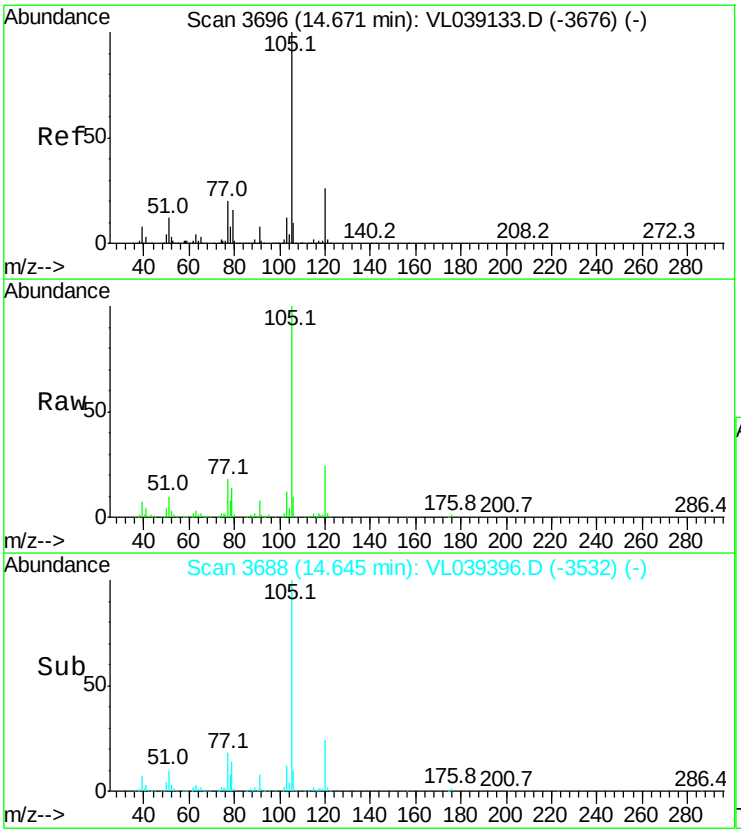
#61
Styrene
Concen: 0.91 ppbv
RT: 13.50
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 183783

Ion	Ratio	Lower	Upper
104	100		
78	55.9	41.2	61.8
103	51.1	38.7	58.1

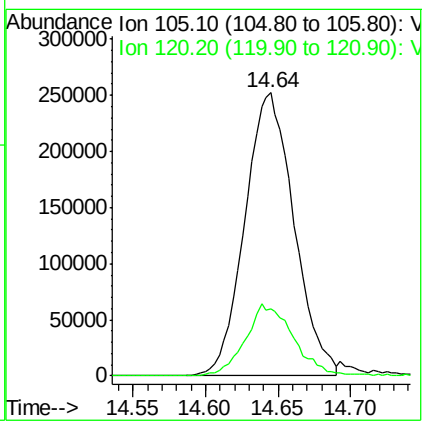


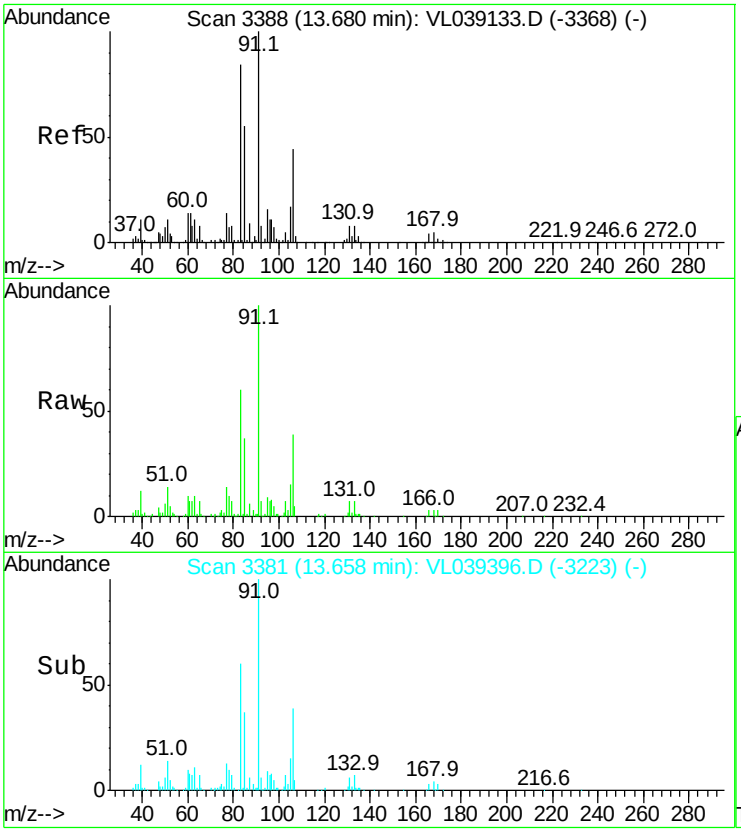


#62
Isopropylbenzene
Concen: 1.06 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:105 Resp: 595405

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.7	31.1



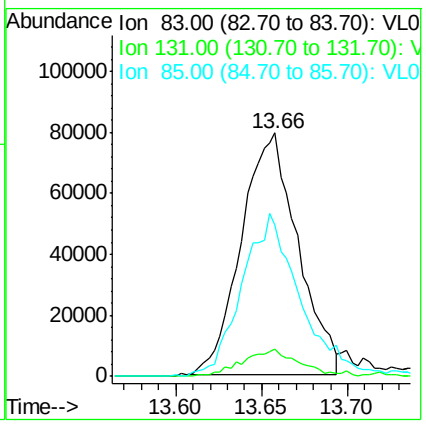


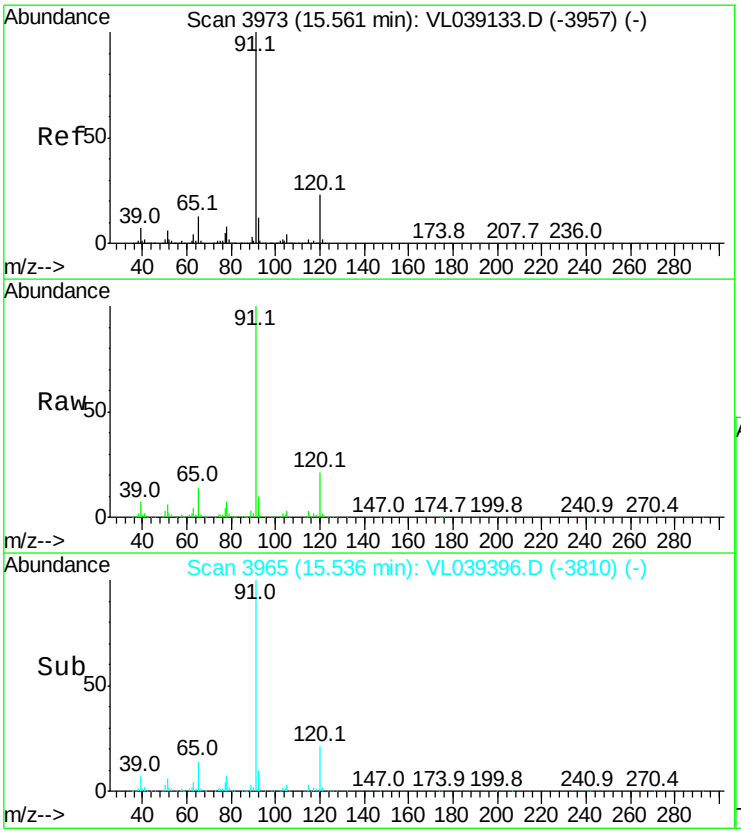
#63
1,1,2,2-Tetrachloroethane
Concen: 0.85 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 180734

Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.3	15.8
85	70.3	33.1	99.5

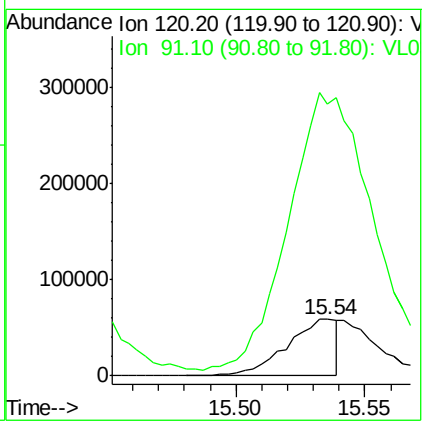


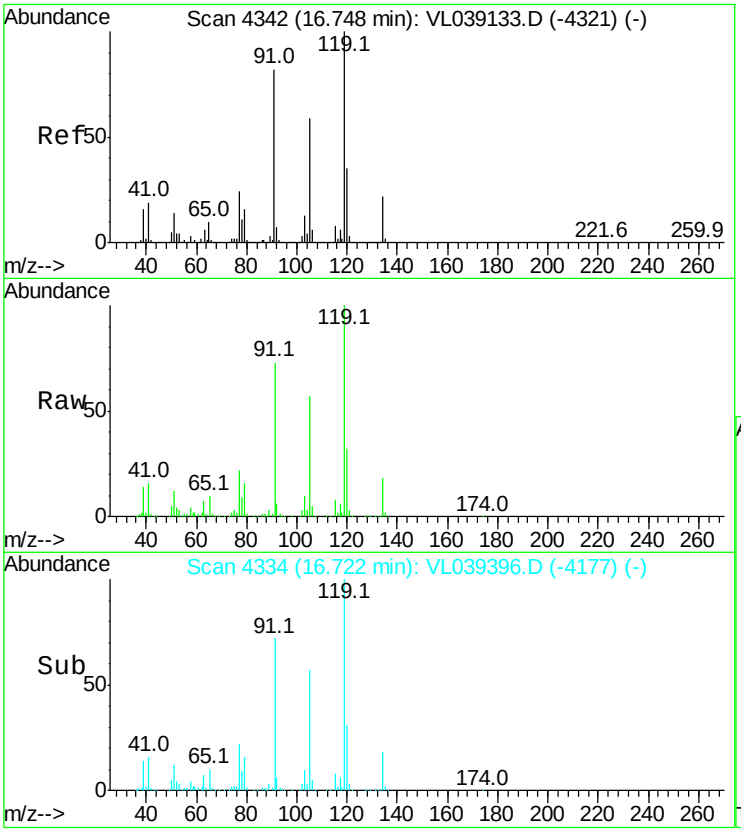


#64
n-propylbenzene
Concen: 0.58 ppbv
RT: 15.54 min Scan# 3965
Delta R.T. -0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:120 Resp: 79794

Ion	Ratio	Lower	Upper
120	100		
91	895.7	367.2	550.8#



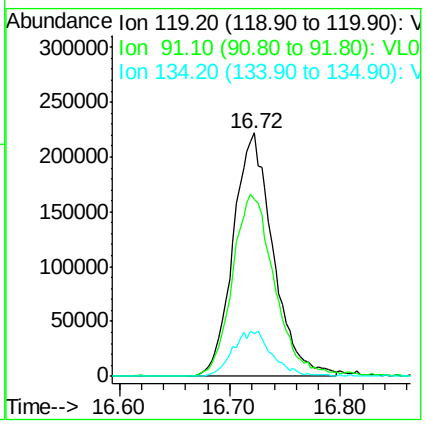


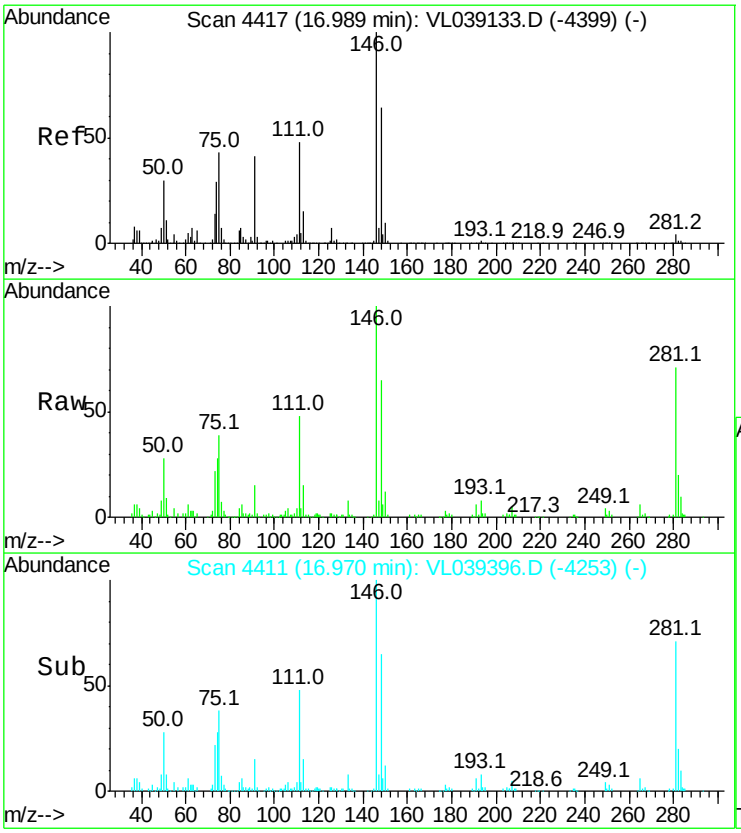
#65
tert-Butylbenzene
Concen: 1.08 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 555857

Ion	Ratio	Lower	Upper
119	100		
91	80.0	63.4	95.2
134	18.9	15.9	23.9

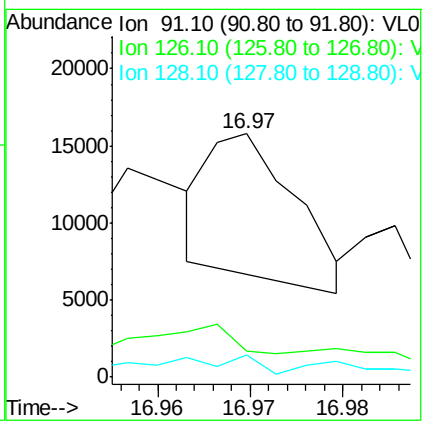


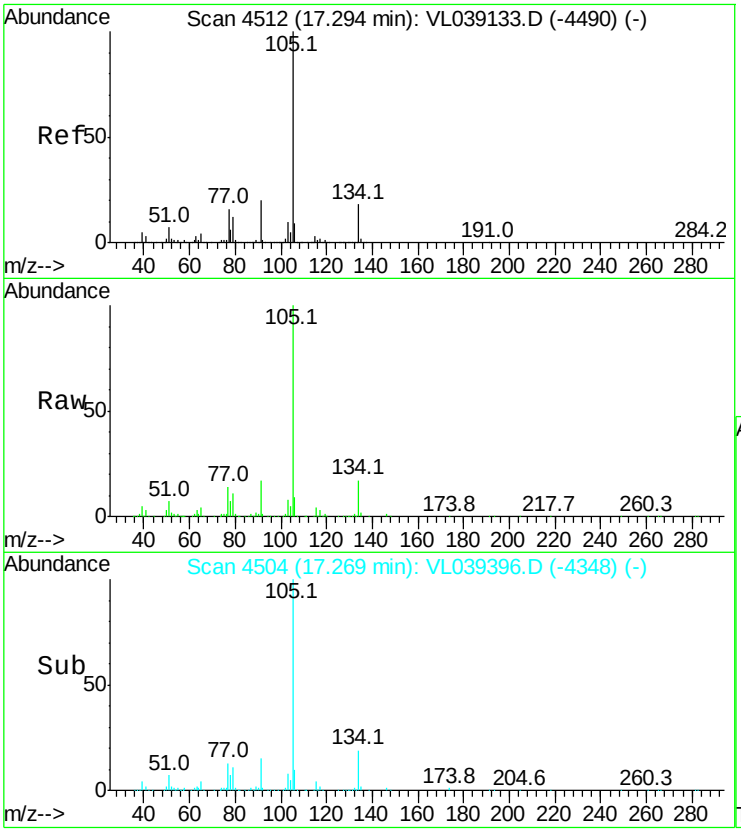


#66
Benzyl Chloride
Concen: 0.09 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. 0.01 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 91 Resp: 5810

Ion	Ratio	Lower	Upper
91	100		
126	135.6	13.1	19.7#
128	45.8	4.4	6.6#



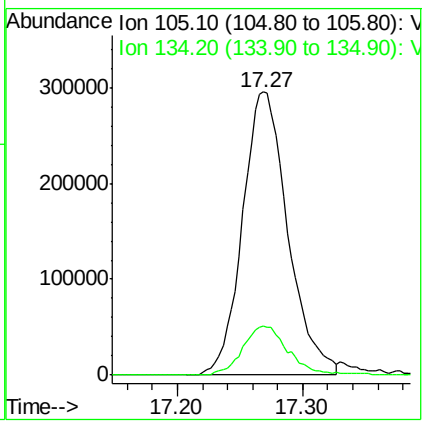


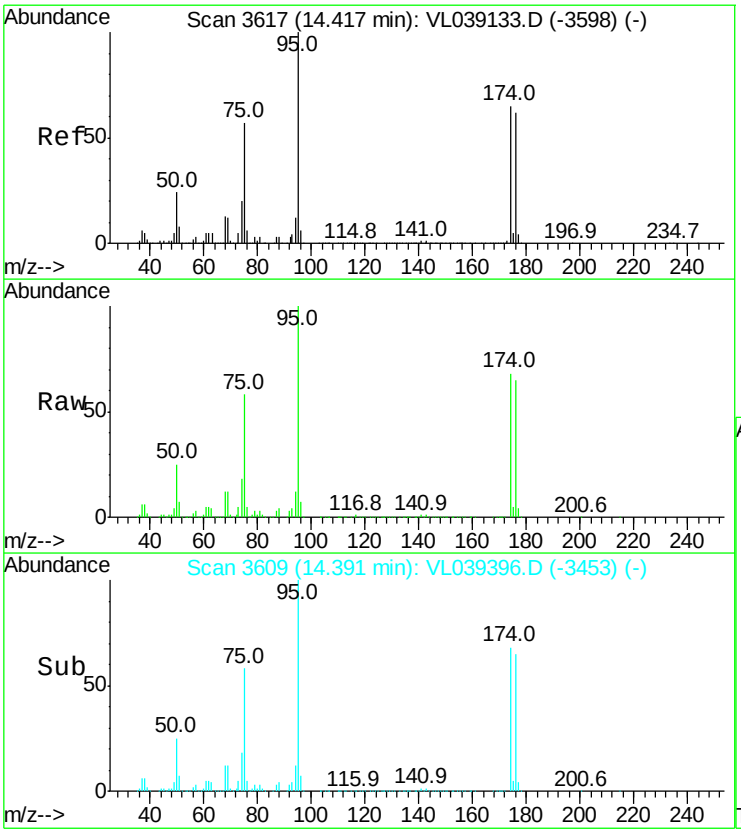
#67
sec-Butylbenzene
Concen: 1.05 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 740246

Ion	Ratio	Lower	Upper
105	100		
134	17.7	14.8	22.2

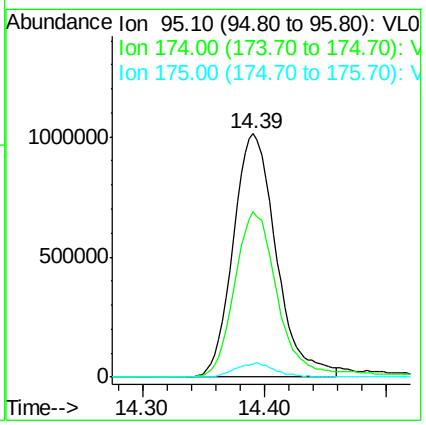


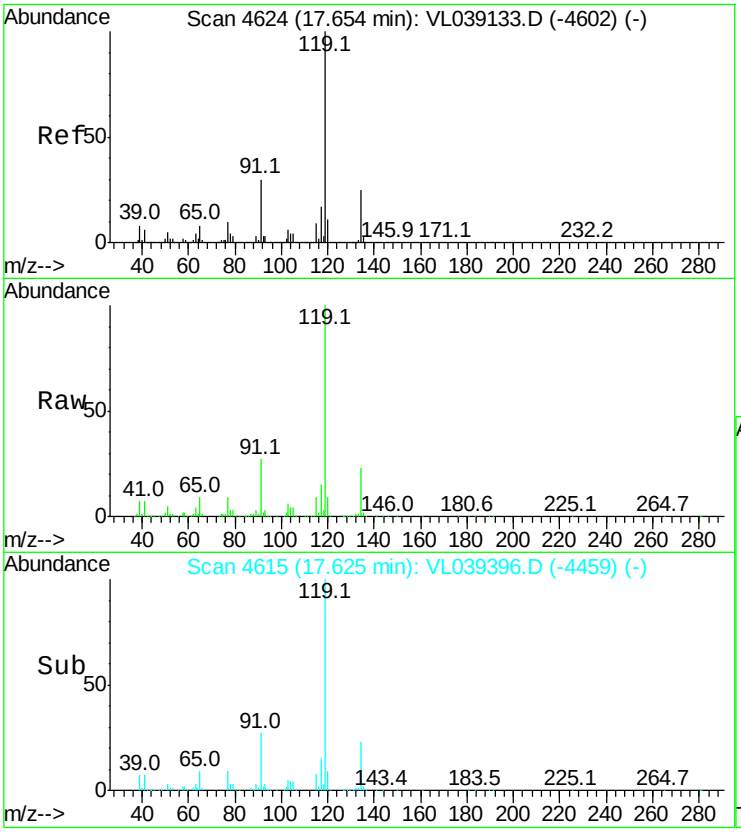


#68
1-Bromo-4-Fluorobenzene
Concen: 8.96 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 95 Resp: 2462252

Ion	Ratio	Lower	Upper
95	100		
174	70.9	55.9	83.9
175	5.5	4.2	6.4



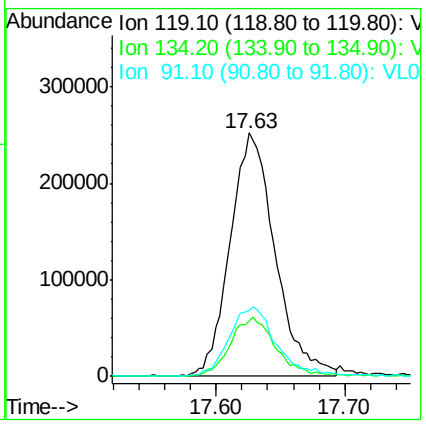


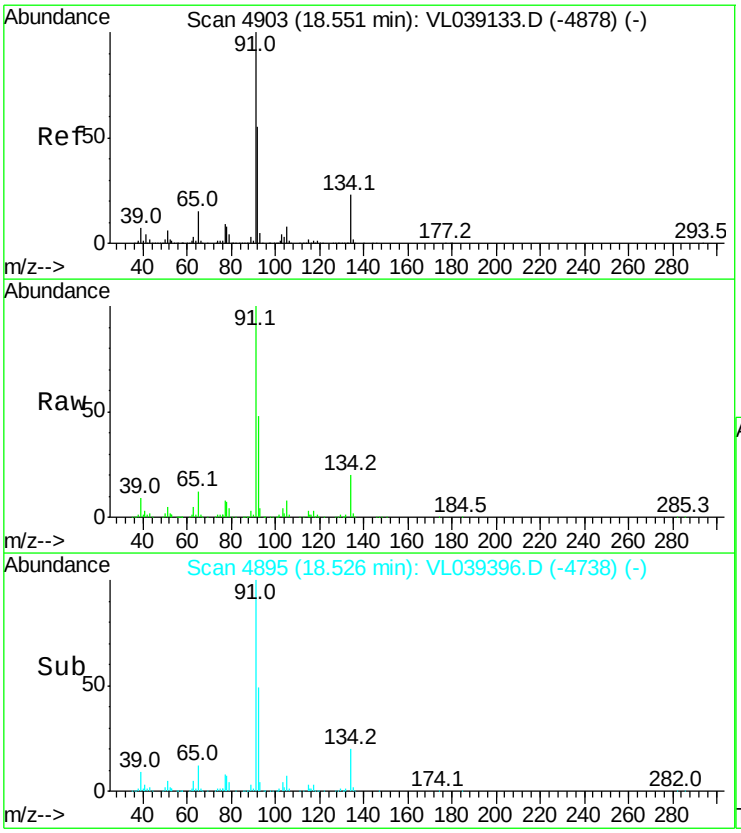
#69
p-Isopropyltoluene
Concen: 1.02 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 606107

Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.3	30.5
91	30.5	22.9	34.3

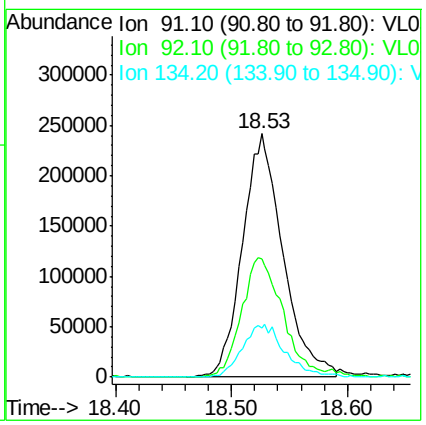


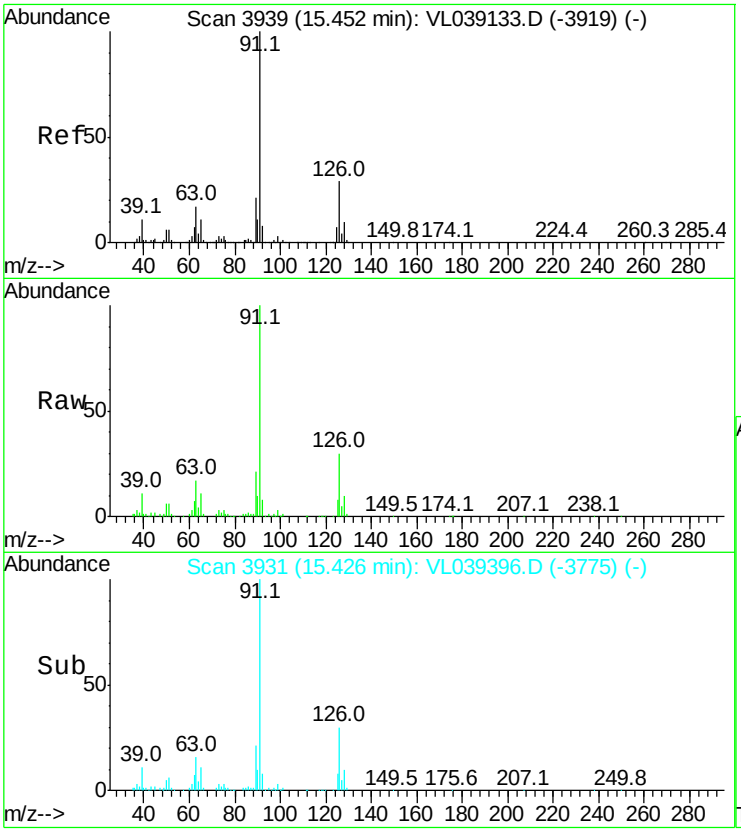


#70
n-Butylbenzene
Concen: 0.96 ppbv
RT: 18.53 min Scan# 4895
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion: 91 Resp: 585696

Ion	Ratio	Lower	Upper
91	100		
92	51.4	43.4	65.2
134	22.7	18.9	28.3



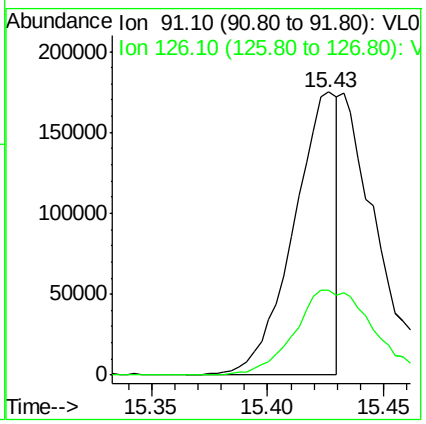


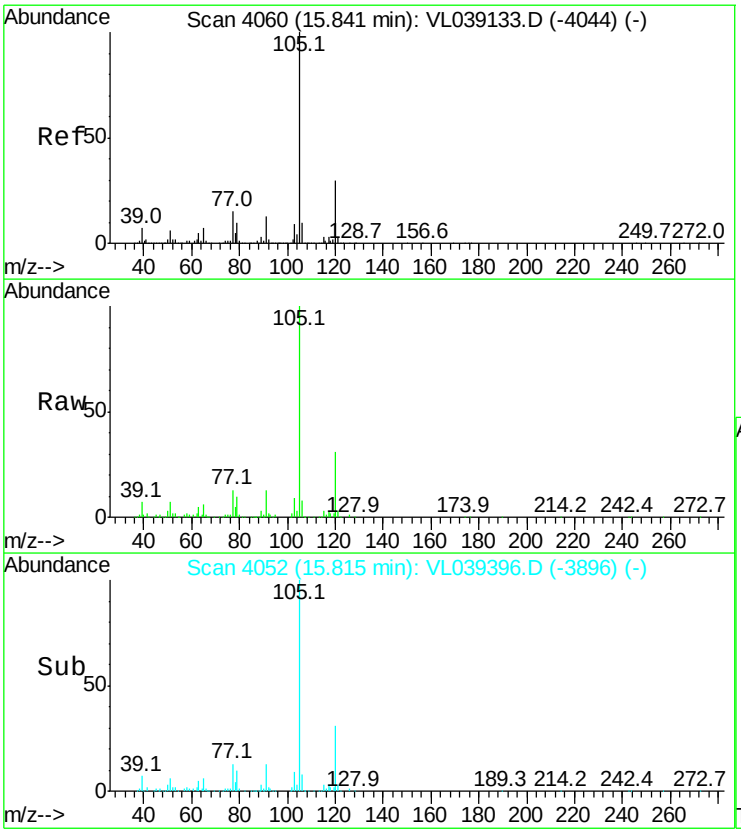
#71
2-Chlorotoluene
Concen: 0.54 ppbv
RT: 15.43
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 230229

Ion	Ratio	Lower	Upper
91	100		
126	58.1	13.0	51.8#

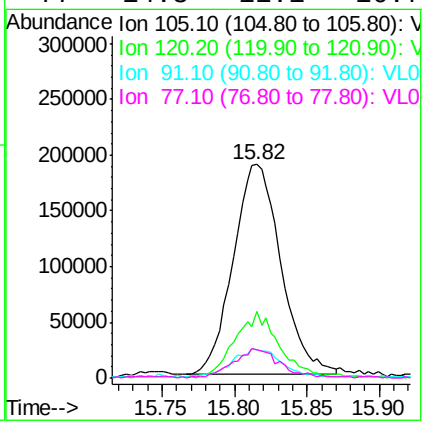


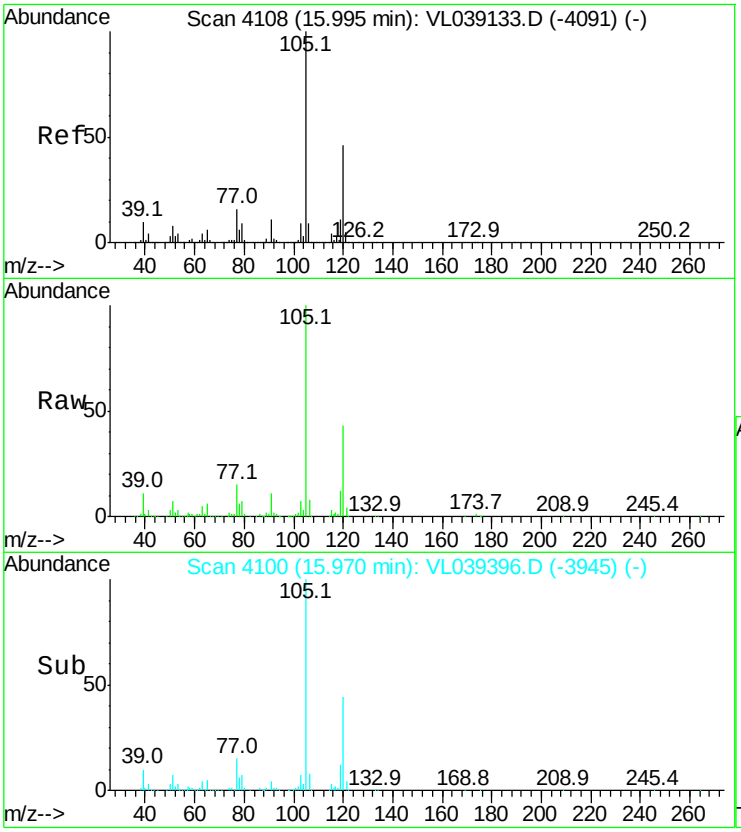


#72
4-Ethyltoluene
Concen: 0.97 ppbv
RT: 15.82 min Scan# 4052
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:105 Resp: 431302

Ion	Ratio	Lower	Upper
105	100		
120	30.0	24.2	36.2
91	13.7	10.2	15.4
77	14.3	11.1	16.7



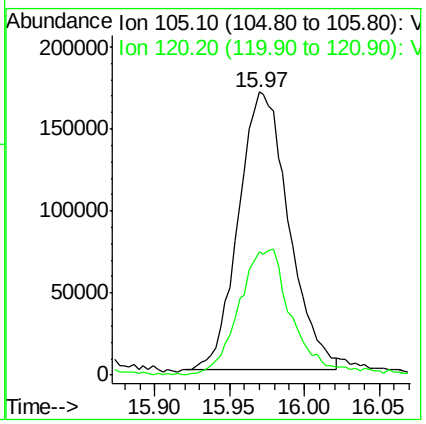


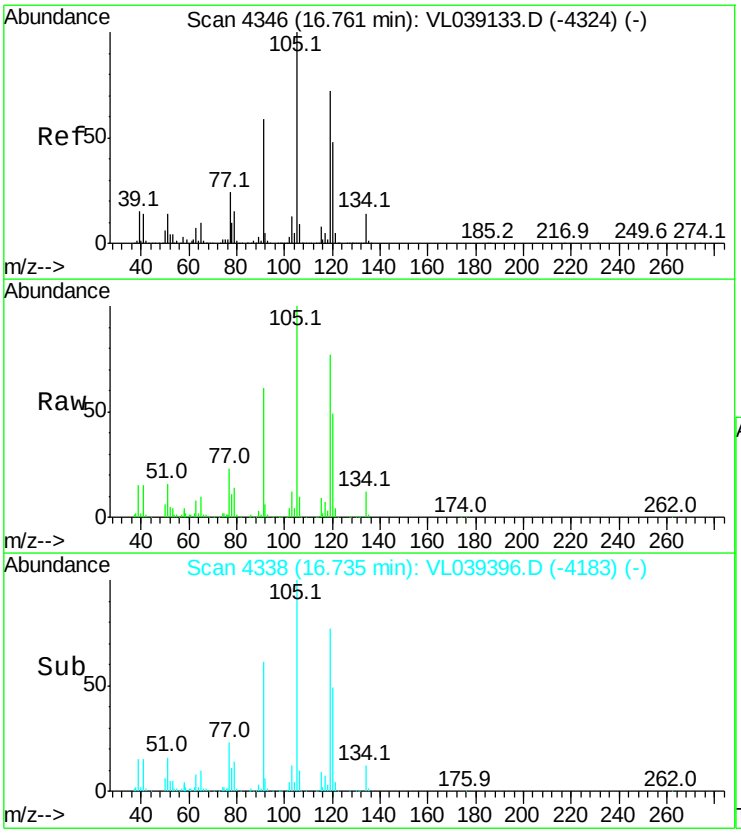
#73
1,3,5-Trimethylbenzene
Concen: 0.99 ppbv
RT: 15.97
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 395860

Ion	Ratio	Lower	Upper
105	100		
120	43.9	38.2	57.4

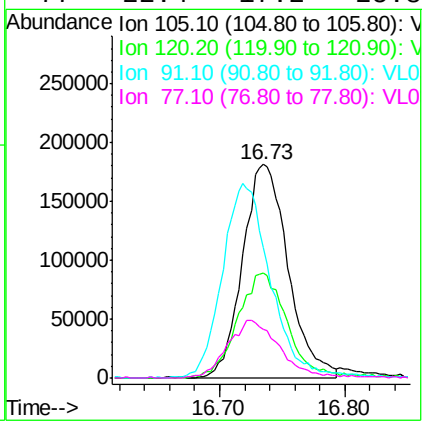


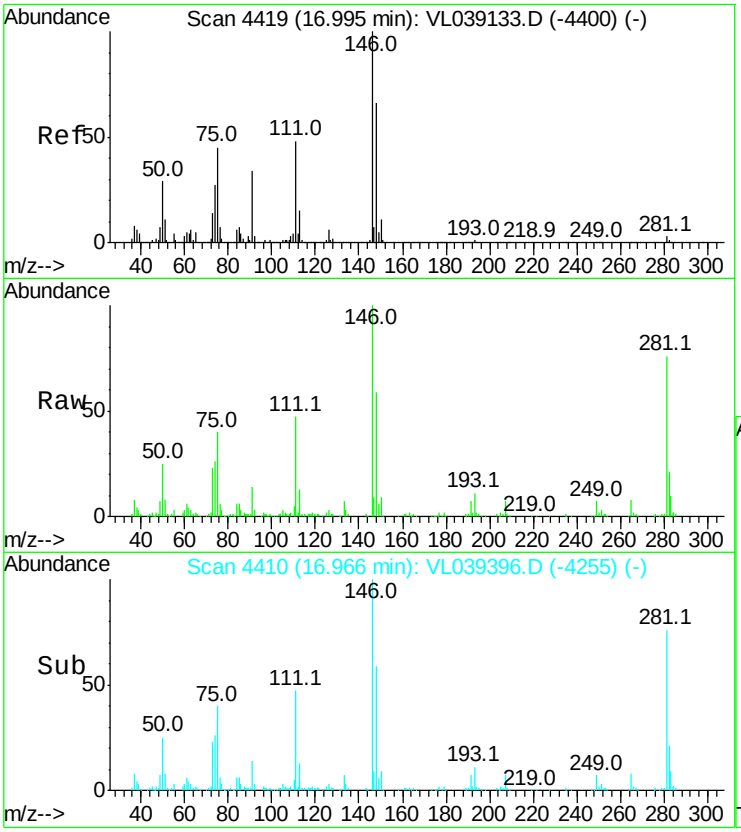


#74
1,2,4-Trimethylbenzene
Concen: 1.02 ppbv
RT: 16.73 min Scan# 4338
Delta R.T. -0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:105 Resp: 456258

Ion	Ratio	Lower	Upper
105	100		
120	48.9	39.5	59.3
91	60.1	39.2	58.8#
77	22.4	17.2	25.8



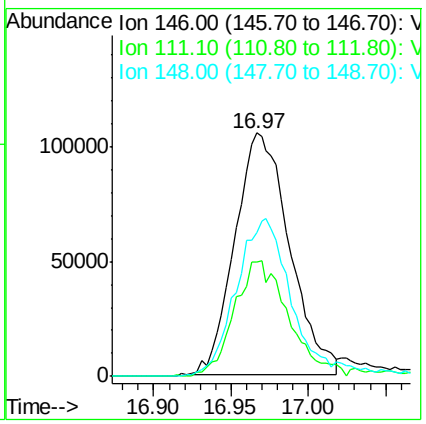


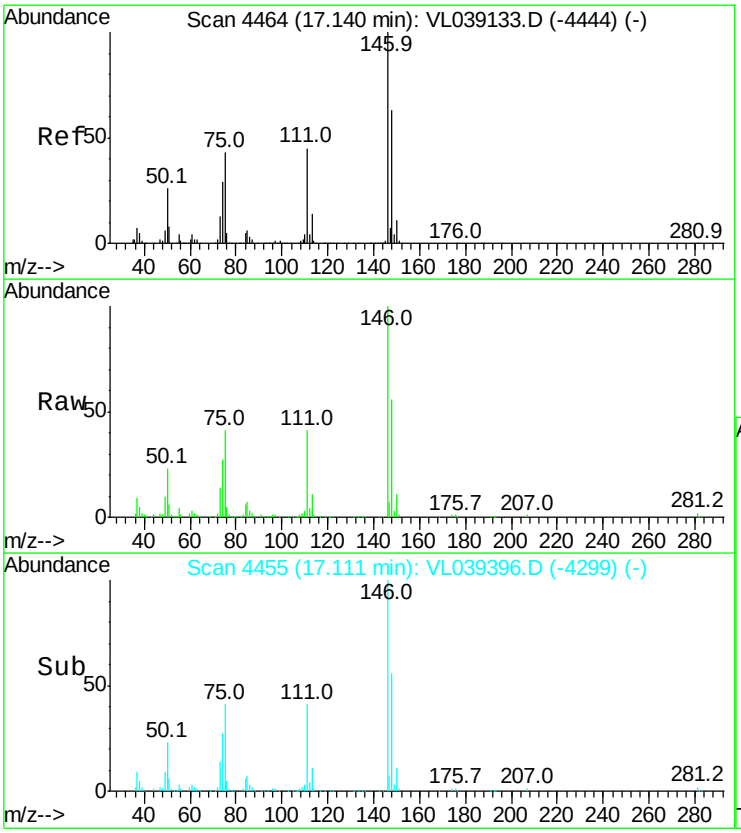
#75
1,3-Dichlorobenzene
Concen: 1.02 ppbv
RT: 16.97
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 258782

Ion	Ratio	Lower	Upper
146	100		
111	48.5	22.9	68.7
148	66.3	32.1	96.5

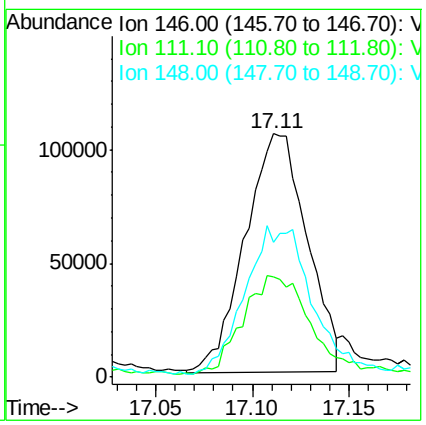


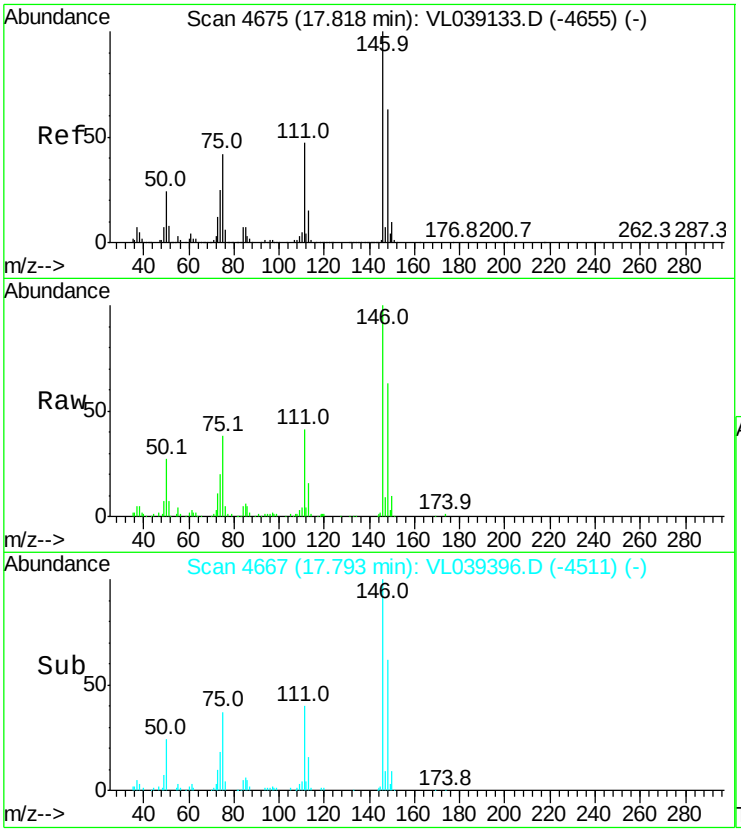


#76
1,4-Dichlorobenzene
Concen: 0.92 ppbv
RT: 17.11 min Scan# 4455
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:146 Resp: 233426

Ion	Ratio	Lower	Upper
146	100		
111	50.1	22.9	68.8
148	72.5	33.6	100.8



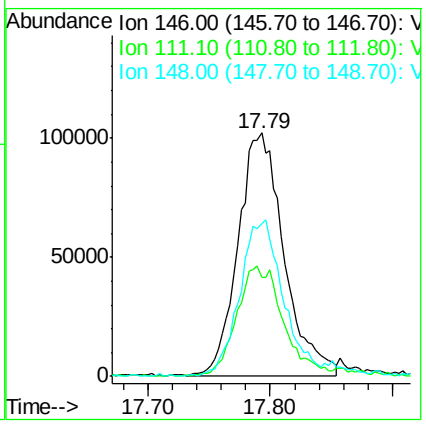


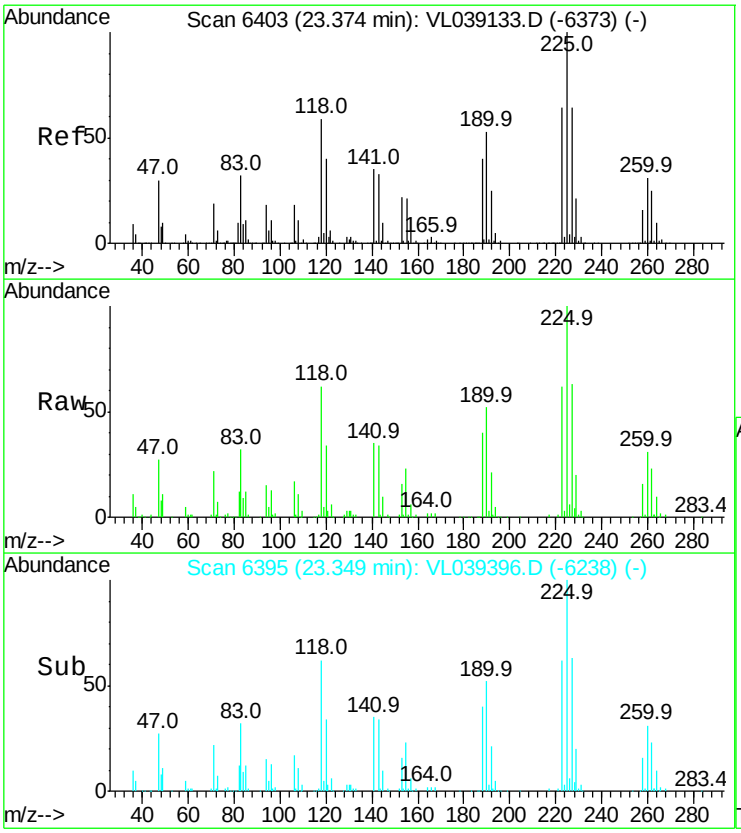
#77
1,2-Dichlorobenzene
Concen: 1.04 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 263926

Ion	Ratio	Lower	Upper
146	100		
111	49.1	23.8	71.5
148	65.1	32.3	96.8

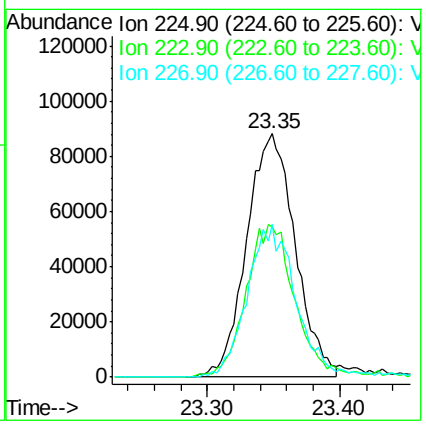


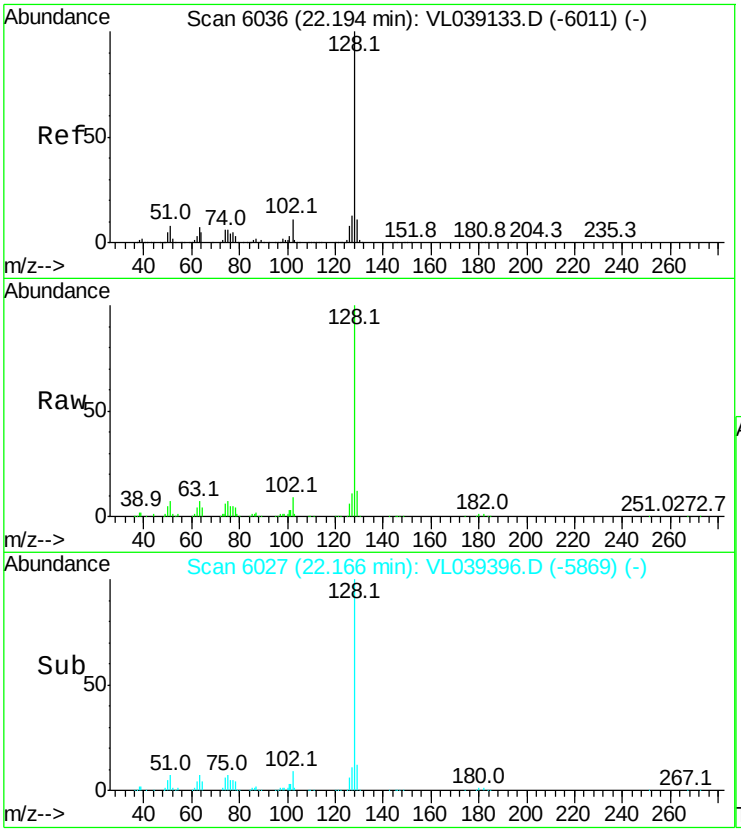


#78
Hexachloro-1,3-Butadiene
Concen: 0.97 ppbv
RT: 23.35 min Scan# 6395
Delta R.T. 0.00 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:225 Resp: 225288

Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.8	77.6
227	65.1	51.4	77.2



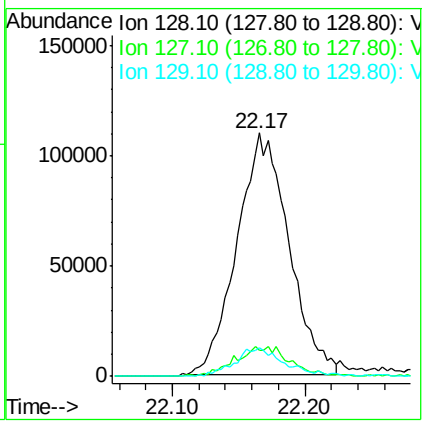


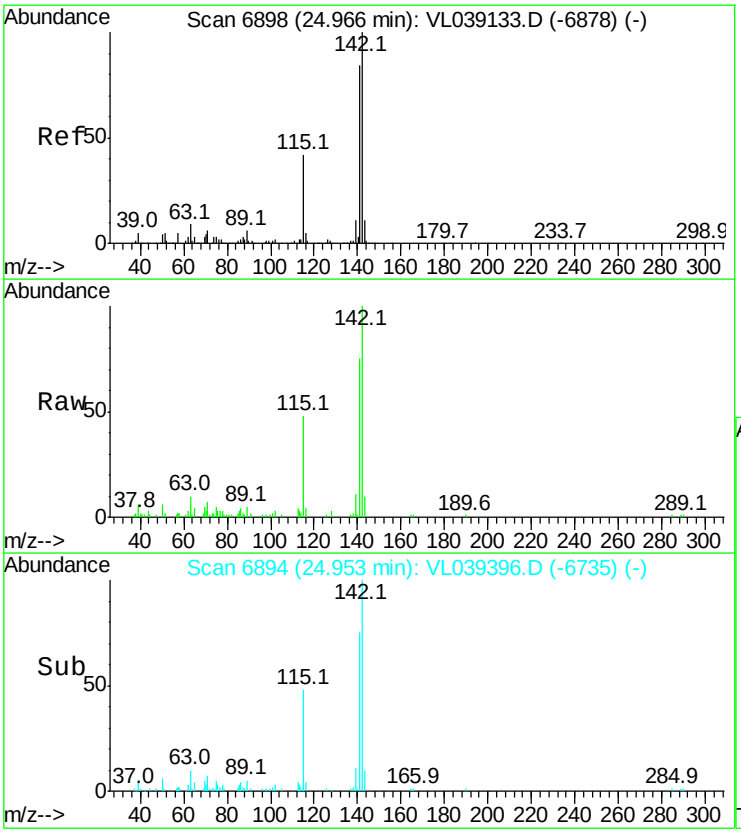
#79
Naphthalene
Concen: 0.86 ppbv
RT: 22.17
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 296717

Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.6	15.8#
129	11.7	8.8	13.2

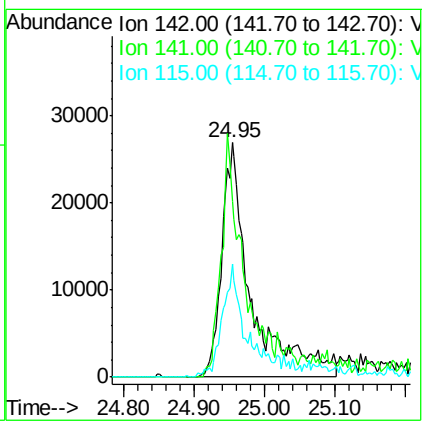


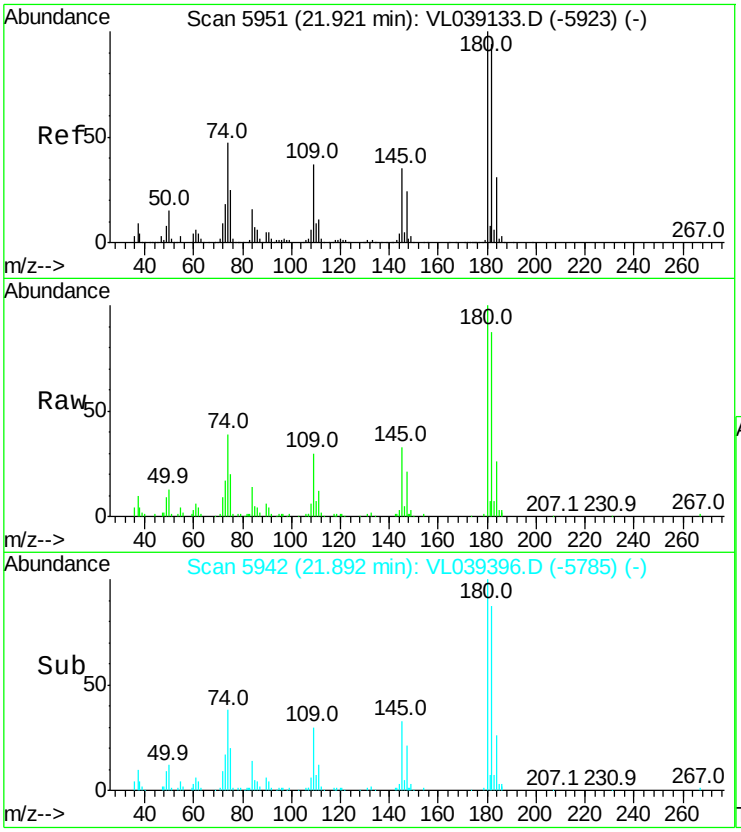


#80
Naphthalene,2-methyl-
Concen: 0.62 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. 0.01 min
Lab File: VL039396.D
Acq: 29 Jun 2022 13:06

Tgt Ion:142 Resp: 78922

Ion	Ratio	Lower	Upper
142	100		
141	87.6	68.9	103.3
115	41.6	30.0	45.0





#81
1,2,4-Trichlorobenzene
Concen: 0.88 ppbv
RT: 21.89
Delta R.T
Lab File:
Acq: 29 Jun 2022 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 191864

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.1	115.7
184	29.9	24.3	36.5