Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039536.D
Acq On : 17 Aug 2022 3:37
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Aug 17 04:38:47 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 04:35:27 2022
QLast Update : Wed Aug 17 04:35:27 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.21	49	1098120	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2928956	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	3473445	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.78	95	2221520	8.61	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 86.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.75	85	1158805	7.482	ppbv	100
3) Chlorodifluoromethane	2.69	51	1161369	8.417	ppbv	100
4) Chloromethane	2.83	50	704358	9.176	ppbv	100
5) Vinyl Chloride	2.94	62	605073	8.092	ppbv	100
6) Bromomethane	3.14	94	233486	7.610	ppbv	100
7) Chloroethane	3.22	64	212885	8.063	ppbv	100
8) Dichlorotetrafluoroethane	2.88	85	1433199	8.405	ppbv	100
9) Propene	2.72	41	523082	8.371	ppbv	100
10) Heptane	7.59	43	1349406	9.255	ppbv	100
11) Trichlorofluoromethane	3.58	101	1441634	8.304	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.08	101	1044234	8.120	ppbv	100
13) Ethanol	3.26	45	27923	7.679	ppbv	92
14) Bromoethene	3.38	108	458914	8.451	ppbv	100
15) Acetone	3.48	43	1073399	8.393	ppbv	100
16) 1,3-Butadiene	3.00	39	594006	8.899	ppbv	100
17) tert-Butyl alcohol	3.89	59	971499	9.040	ppbv	100
18) 1,1-Dichloroethene	3.90	96	479936	8.233	ppbv	100
19) Isopropyl Alcohol	3.59	45	567586	8.383	ppbv #	100
20) Methylene Chloride	3.95	84	400795	7.872	ppbv	100
21) Allyl Chloride	4.01	41	761864	8.590	ppbv	100
22) trans-1,2-Dichloroethene	4.46	96	476597	8.492	ppbv	100
23) Vinyl Acetate	4.64	43	514759	6.322	ppbv	99
24) 1,1-Dichloroethane	4.58	63	1003377	8.309	ppbv	100
25) Ethyl Acetate	5.22	43	2404165	9.099	ppbv	100
26) Hexane	5.22	57	974412	9.245	ppbv	100
27) Carbon Disulfide	4.14	76	1157546	9.110	ppbv	100
28) Methyl tert-Butyl Ether	4.60	73	810268	7.277	ppbv	100
29) Chloroform	5.28	83	1526345	8.342	ppbv	100
30) Cyclohexane	6.61	84	812106	8.458	ppbv #	100
31) cis-1,2-Dichloroethene	5.09	61	971084	8.680	ppbv	100
32) 1,1,1-Trichloroethane	6.01	97	1473142	8.150	ppbv	100
34) 2-Butanone	4.80	43	1357368	9.324	ppbv	100
35) Carbon Tetrachloride	6.50	117	1585899	8.889	ppbv	100
36) Benzene	6.38	78	2092782	9.278	ppbv	100
37) 1,2-Dichloroethane	5.81	62	1153651	8.753	ppbv	100
38) Trichloroethene	7.30	130	1172709	9.534	ppbv	100
39) 1,2-Dichloropropane	7.08	63	781792	9.286	ppbv	100
40) 1,4-Dioxane	7.29	88	309364	9.283	ppbv	100
41) Tetrahydrofuran	5.57	42	830047	9.753	ppbv	100
42) Bromodichloromethane	7.26	83	1645436	9.247	ppbv	100
43) Methyl Methacrylate	7.48	69	832907	9.763	ppbv	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039536.D
Acq On : 17 Aug 2022 3:37
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Aug 17 04:38:47 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 04:35:27 2022
QLast Update : Wed Aug 17 04:35:27 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.34	57	3505145	9.178	ppbv		100
45) t-1,3-Dichloropropene	8.72	75	801818	10.773	ppbv		100
46) cis-1,3-Dichloropropene	8.15	75	1099678	10.581	ppbv		100
47) 1,1,2-Trichloroethane	8.90	97	878050	9.300	ppbv		100
48) Dibromochloromethane	9.71	129	1495793	10.037	ppbv		100
49) Bromoform	12.41	173	1273373	10.574	ppbv	#	100
50) 4-Methyl-2-Pentanone	8.19	43	2260293	10.140	ppbv		100
51) 2-Hexanone	9.56	43	1765005	10.503	ppbv		100
52) Tetrachloroethene	10.62	164	792029	8.753	ppbv		100
53) Toluene	9.23	91	2498456	9.640	ppbv		100
54) 1,2-Dibromoethane	10.01	107	1073803	9.273	ppbv		100
56) 1,1,1,2-Tetrachloroethane	11.51	131	1096470	7.295	ppbv		98
57) Chlorobenzene	11.53	112	1920477	7.256	ppbv		100
58) Ethyl Benzene	12.09	91	3317590	7.558	ppbv		100
59) m/p-Xylene	12.37	91	3086618	7.989	ppbv	#	100
60) o-Xylene	13.06	91	2736043	7.463	ppbv		100
61) Styrene	12.90	104	1662448	8.383	ppbv		100
62) Isopropylbenzene	14.04	105	3986764	7.150	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.05	83	1125688	5.894	ppbv		100
64) n-propylbenzene	14.92	120	1044449	7.414	ppbv		99
65) tert-Butylbenzene	16.09	119	3553138	6.927	ppbv		100
66) Benzyl Chloride	16.34	91	349300	7.515	ppbv	#	90
67) sec-Butylbenzene	16.64	105	5001074	7.214	ppbv		100
69) p-Isopropyltoluene	17.00	119	4217814	7.200	ppbv		100
70) n-Butylbenzene	17.89	91	4222815	7.408	ppbv		100
71) 2-Chlorotoluene	14.80	91	2978767	7.452	ppbv		99
72) 4-Ethyltoluene	15.20	105	3288038	7.610	ppbv	#	100
73) 1,3,5-Trimethylbenzene	15.35	105	2937128	7.433	ppbv		100
74) 1,2,4-Trimethylbenzene	16.11	105	3138370	7.204	ppbv		100
75) 1,3-Dichlorobenzene	16.33	146	1898543	7.308	ppbv		100
76) 1,4-Dichlorobenzene	16.47	146	1870985	7.181	ppbv		97
77) 1,2-Dichlorobenzene	17.15	146	1829388	7.119	ppbv		100
78) Hexachloro-1,3-Butadiene	22.64	225	1332128	6.399	ppbv	#	100
79) Naphthalene	21.38	128	2750843	9.095	ppbv		100
80) Naphthalene,2-methyl-	24.38	142	1235052	11.424	ppbv	#	100
81) 1,2,4-Trichlorobenzene	21.14	180	1532036	7.807	ppbv	#	100

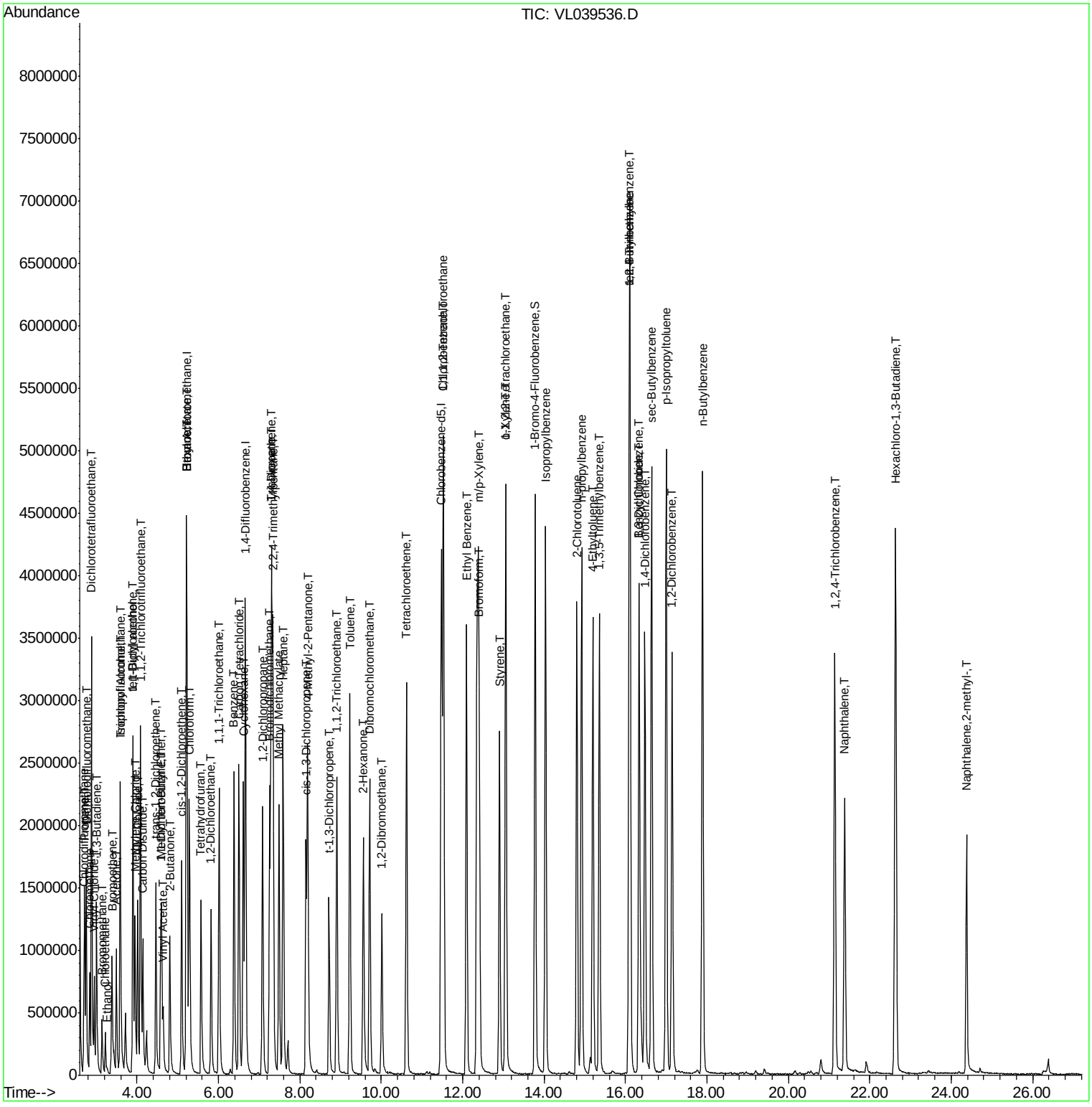
(#) = qualifier out of range (m) = manual integration (+) = signals summed

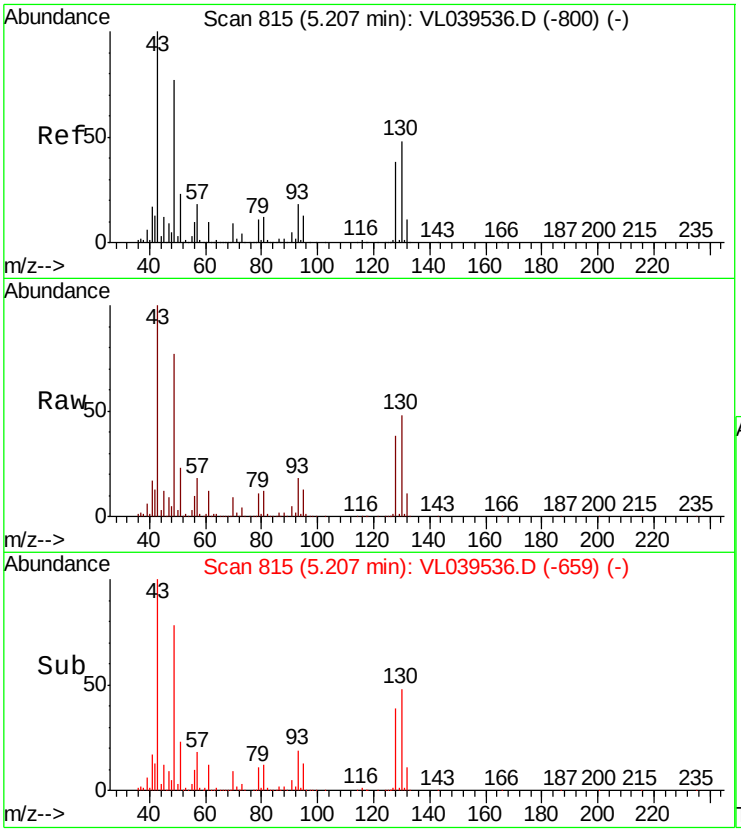
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039536.D
Acq On : 17 Aug 2022 3:37
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Quant Time: Aug 17 04:38:47 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 04:35:27 2022
QLast Update : Wed Aug 17 04:35:27 2022
Response via : Initial Calibration



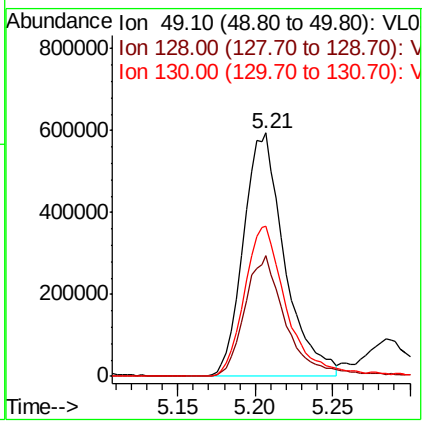


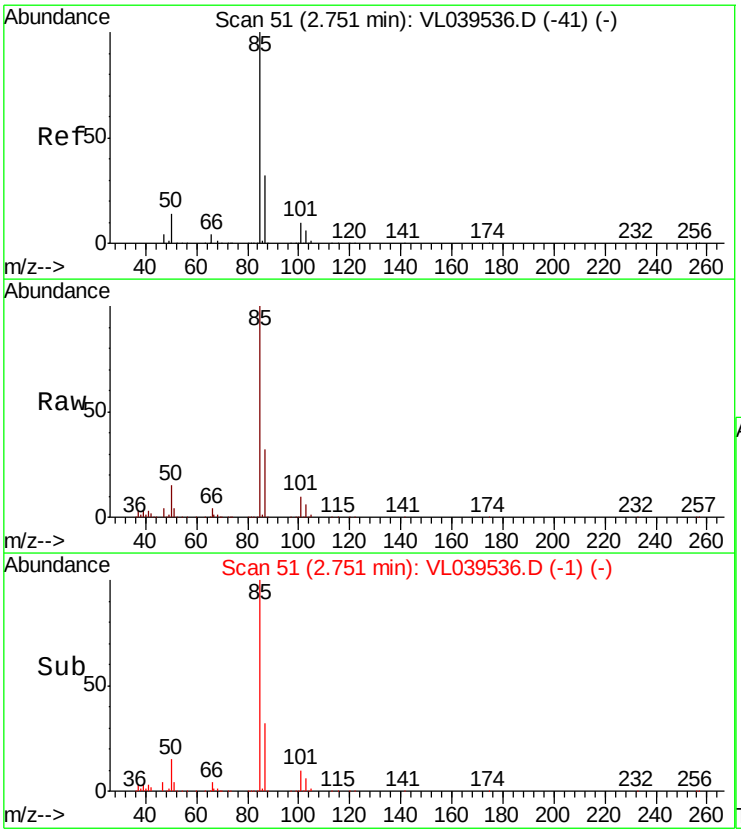
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.21
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 1098120

Ion	Ratio	Lower	Upper
49	100		
128	50.2	25.7	77.0
130	65.2	31.6	95.0

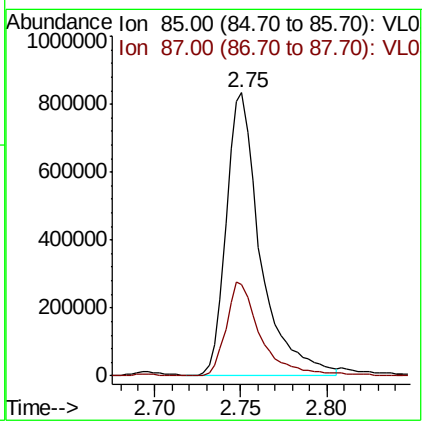


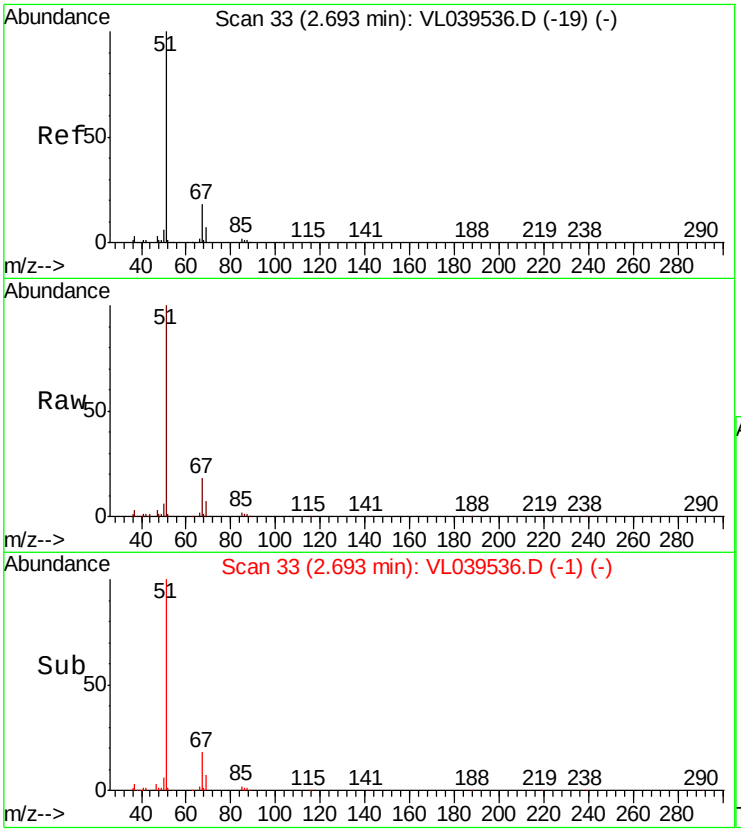


#2
Dichlorodifluoromethane
Concen: 7.482 ppbv
RT: 2.75 min Scan# 51
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 85 Resp: 1158805

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.9	38.9



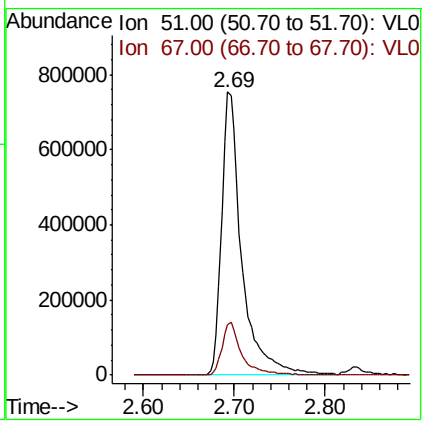


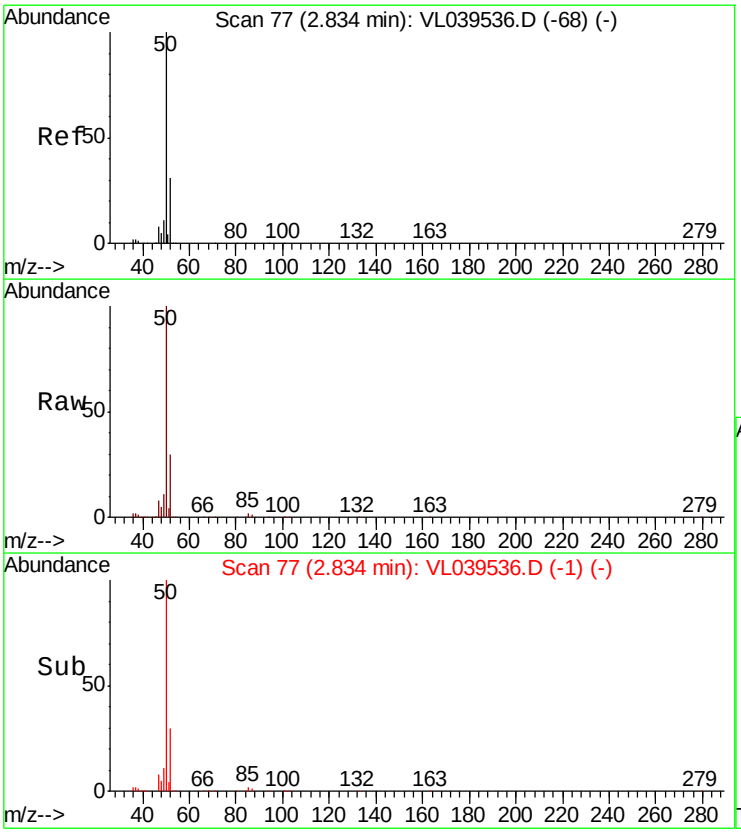
#3
Chlorodifluoromethane
Concen: 8.417 ppbv
RT: 2.69
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1161369

Ion	Ratio	Lower	Upper
51	100		
67	18.4	14.7	22.1

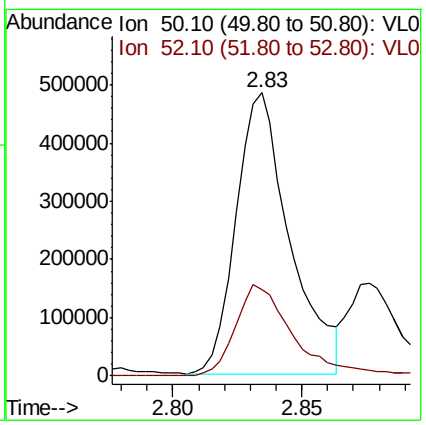


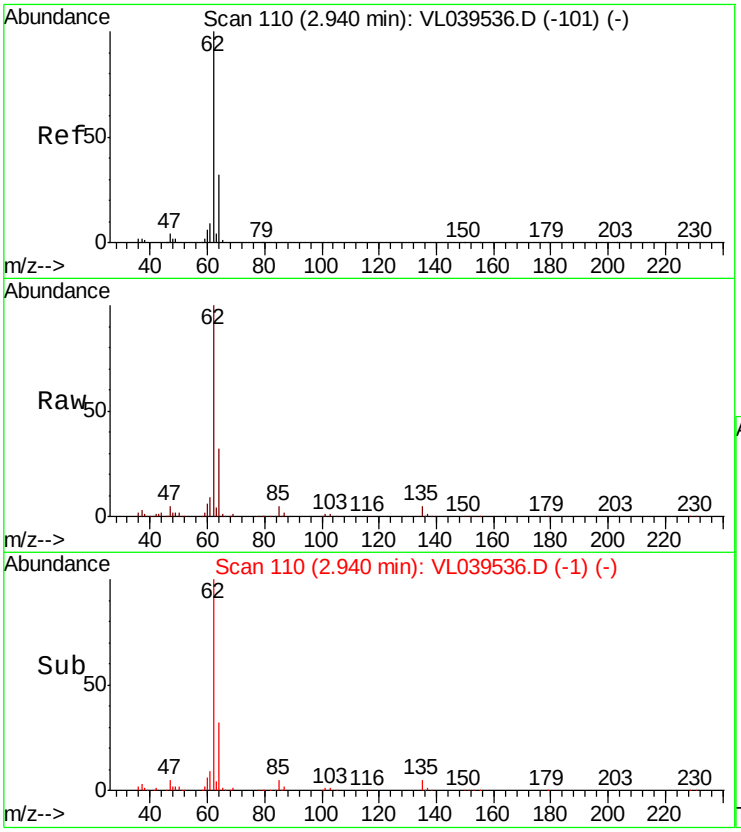


#4
Chloromethane
Concen: 9.176 ppbv
RT: 2.83 min Scan# 77
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 50 Resp: 704358

Ion	Ratio	Lower	Upper
50	100		
52	30.5	24.3	36.5



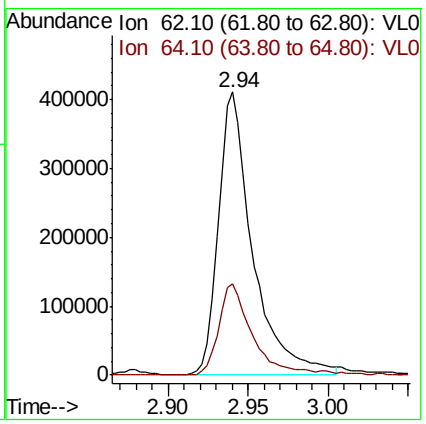


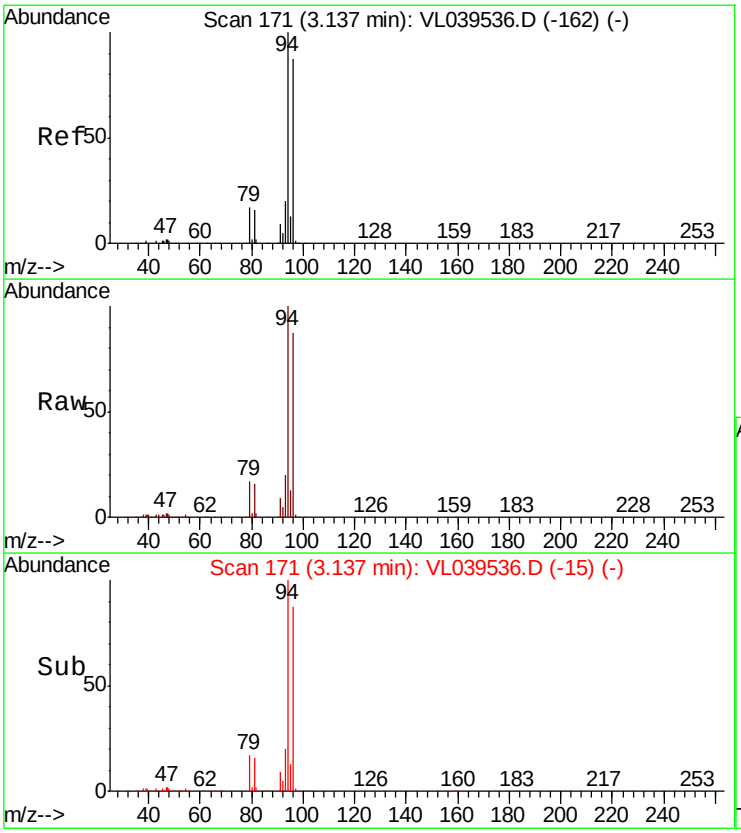
#5
Vinyl Chloride
Concen: 8.092 ppbv
RT: 2.94
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 605073

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.5	38.3

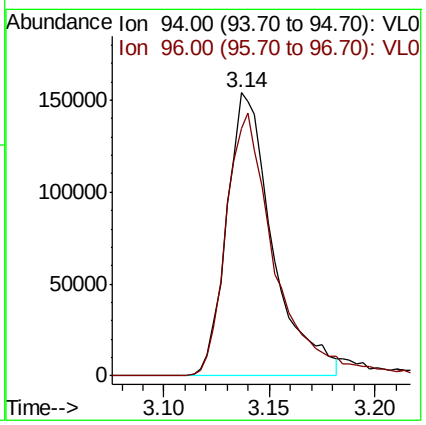


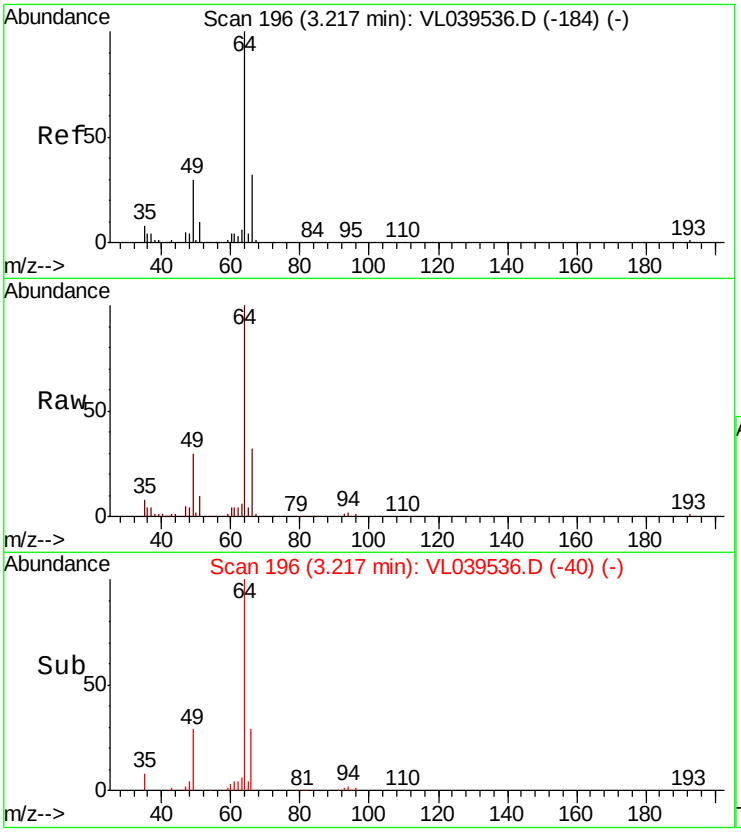


#6
Bromomethane
Concen: 7.610 ppbv
RT: 3.14 min Scan# 171
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 94 Resp: 233486

Ion	Ratio	Lower	Upper
94	100		
96	86.9	69.8	104.6



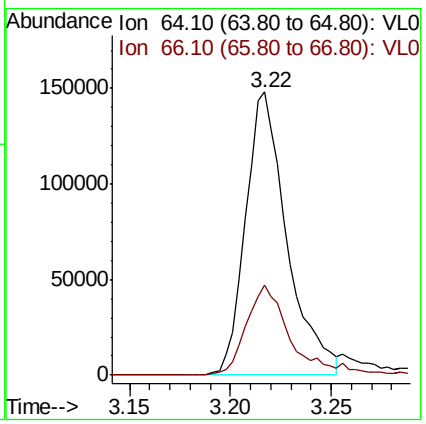


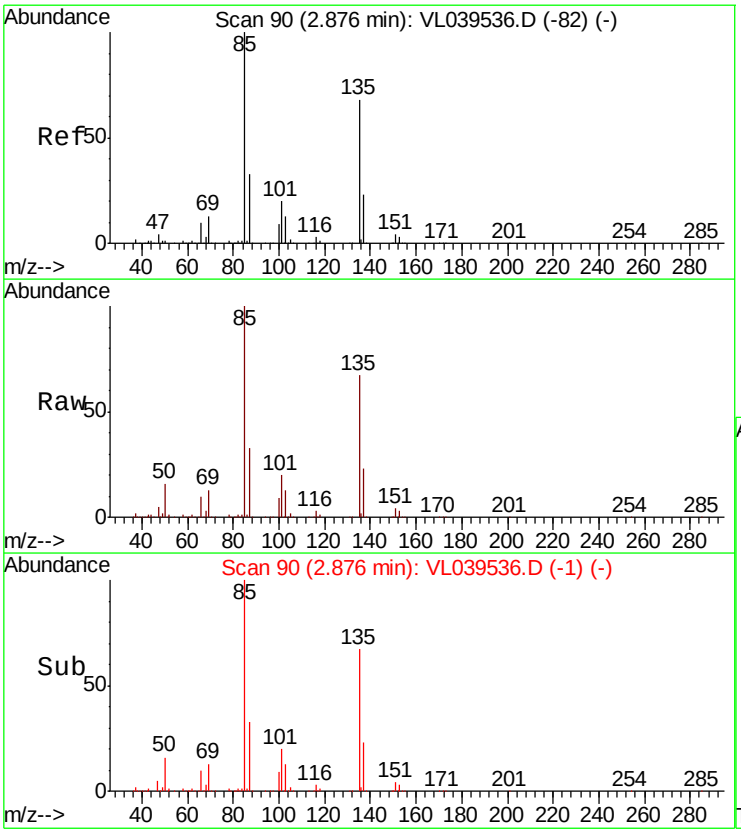
#7
Chloroethane
Concen: 8.063 ppbv
RT: 3.22
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 212885

Ion	Ratio	Lower	Upper
64	100		
66	32.0	25.6	38.4

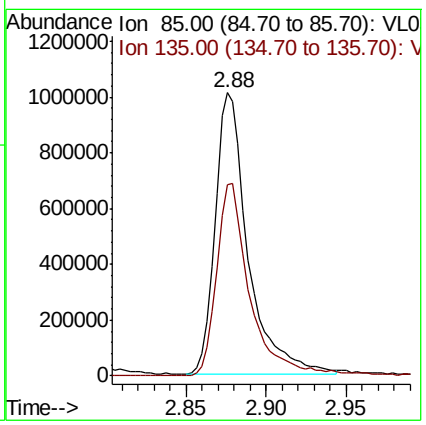


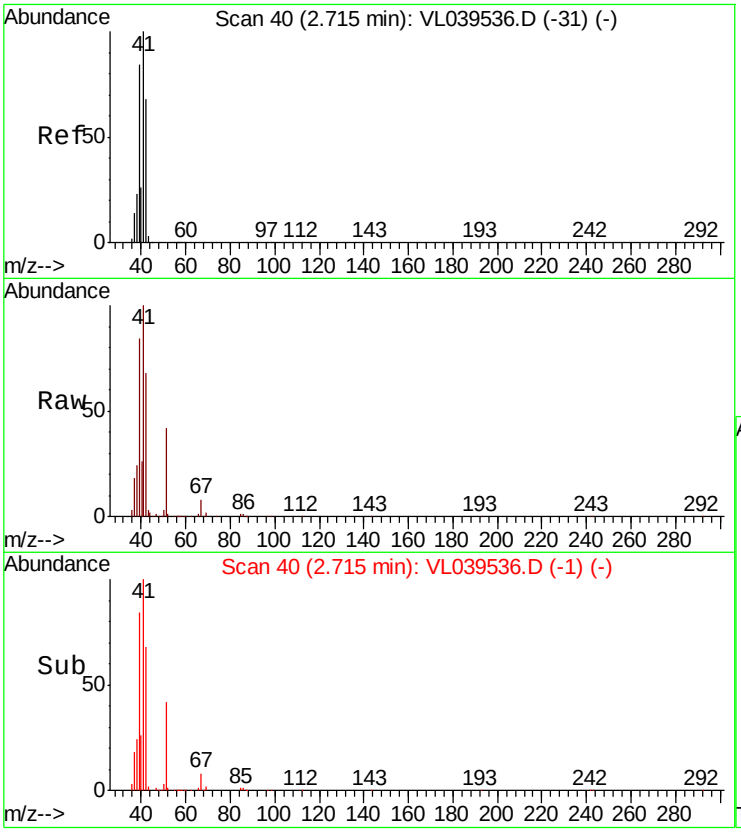


#8
Dichlorotetrafluoroethane
Concen: 8.405 ppbv
RT: 2.88 min Scan# 90
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 85 Resp: 1433199

Ion	Ratio	Lower	Upper
85	100		
135	70.4	56.3	84.5



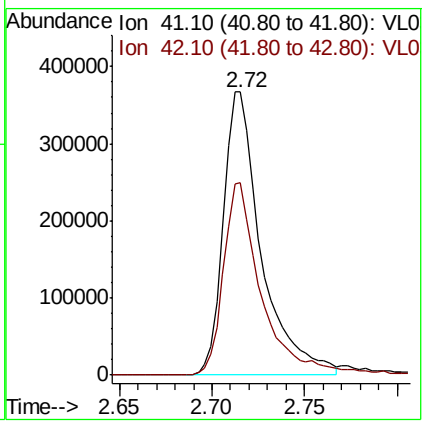


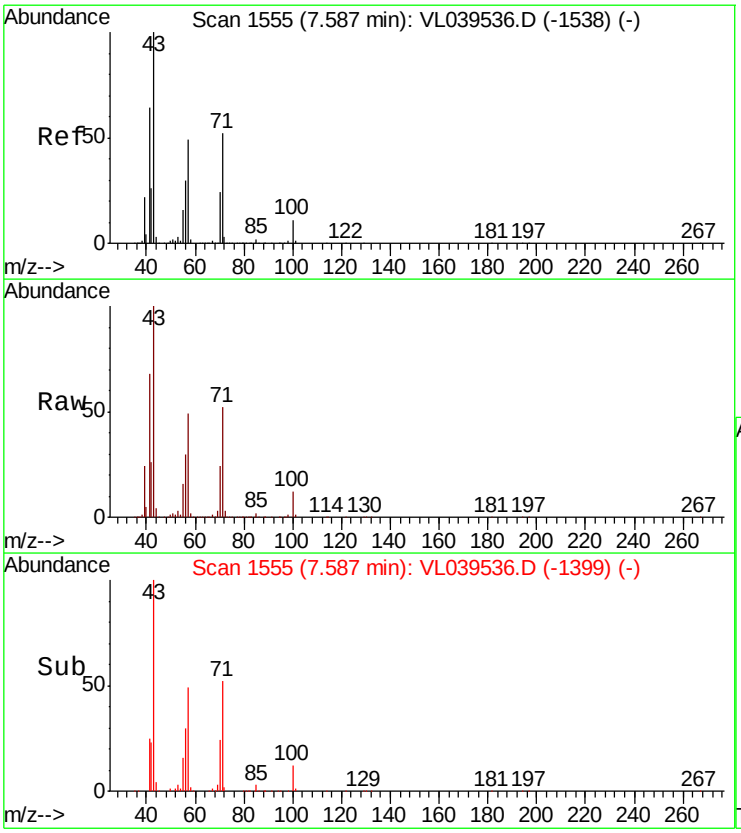
#9
Propene
Concen: 8.371 ppbv
RT: 2.72
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 523082

Ion	Ratio	Lower	Upper
41	100		
42	69.2	55.4	83.0

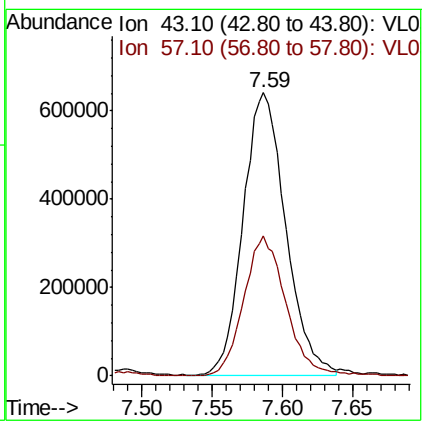


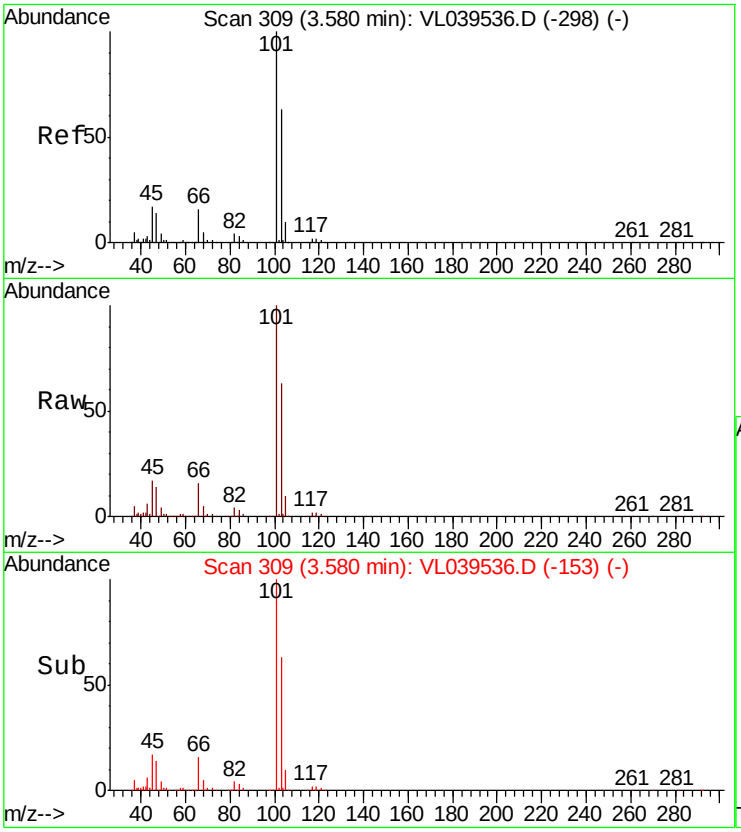


#10
Heptane
Concen: 9.255 ppbv
RT: 7.59 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 43 Resp: 1349406

Ion	Ratio	Lower	Upper
43	100		
57	49.7	39.8	59.6



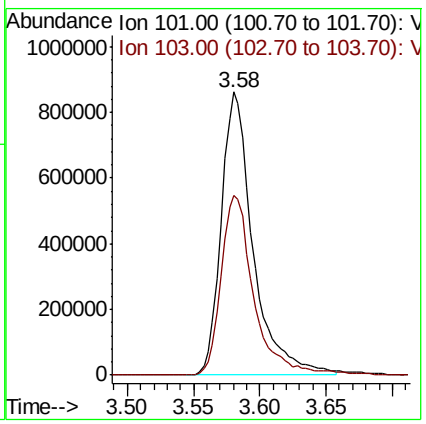


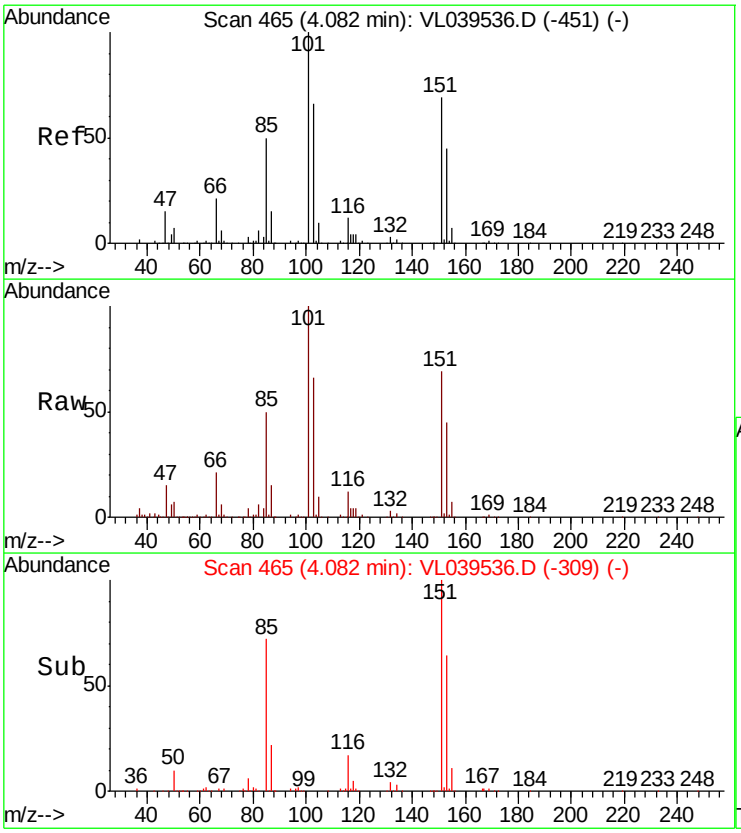
#11
Trichlorofluoromethane
Concen: 8.304 ppbv
RT: 3.58
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 1441634

Ion	Ratio	Lower	Upper
101	100		
103	63.3	50.6	76.0

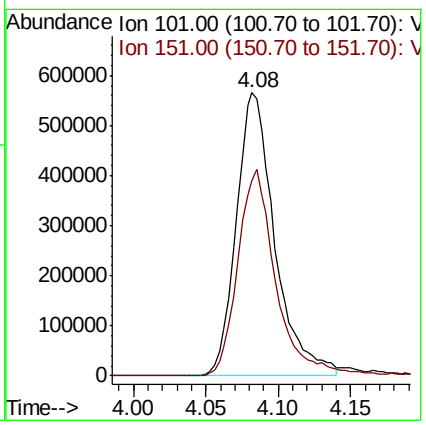


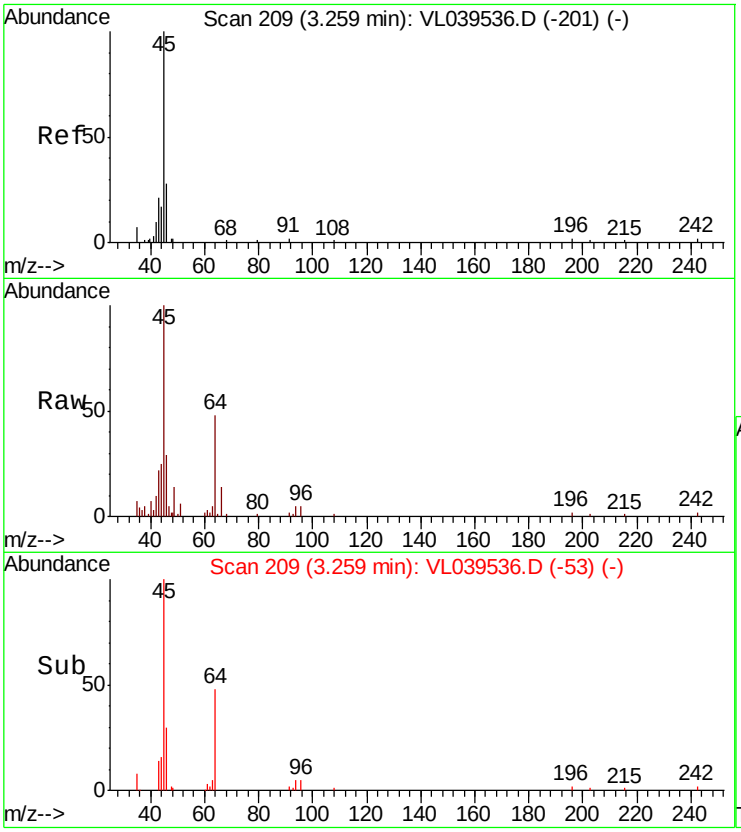


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.120 ppbv
RT: 4.08 min Scan# 465
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:101 Resp: 1044234

Ion	Ratio	Lower	Upper
101	100		
151	73.3	58.6	87.8



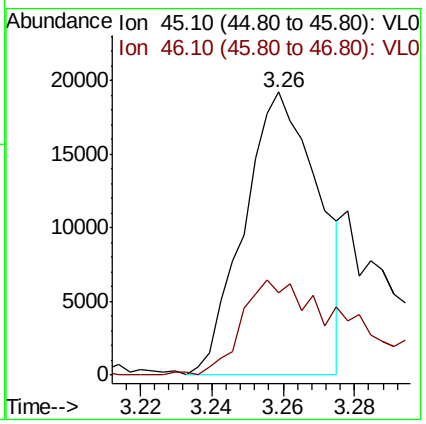


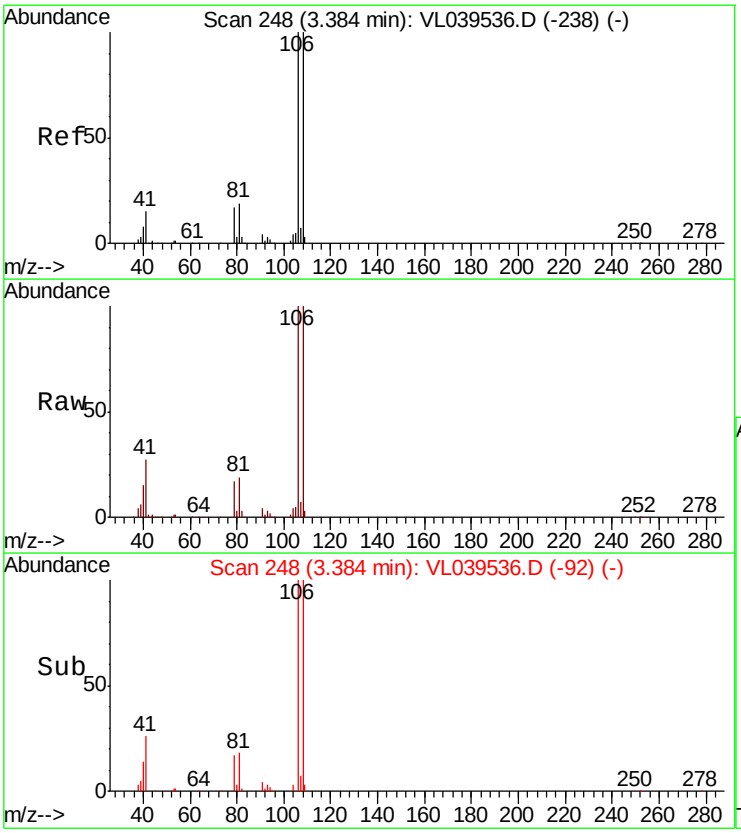
#13
Ethanol
Concen: 7.679 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 27923

Ion	Ratio	Lower	Upper
45	100		
46	53.7	19.3	77.1

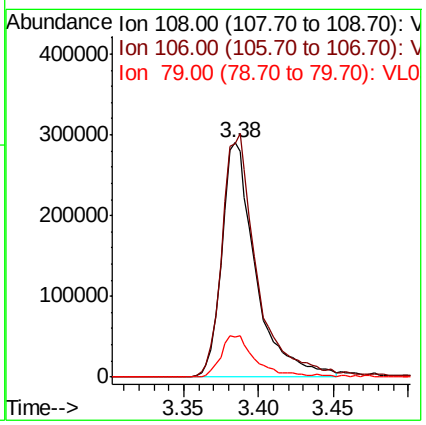


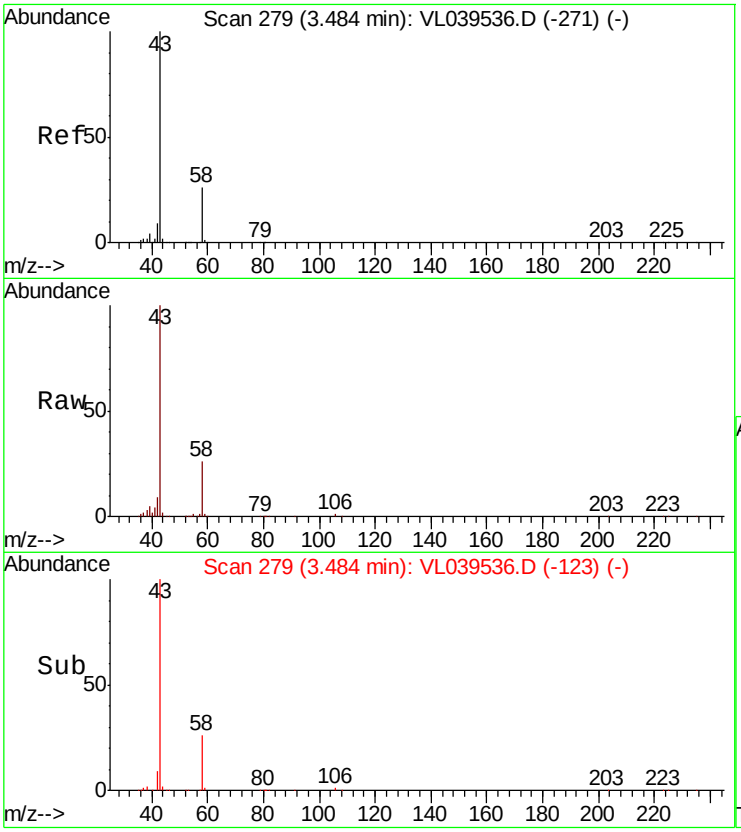


#14
Bromoethene
Concen: 8.451 ppbv
RT: 3.38 min Scan# 248
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:108 Resp: 458914

Ion	Ratio	Lower	Upper
108	100		
106	107.8	86.6	130.0
79	19.0	15.1	22.7



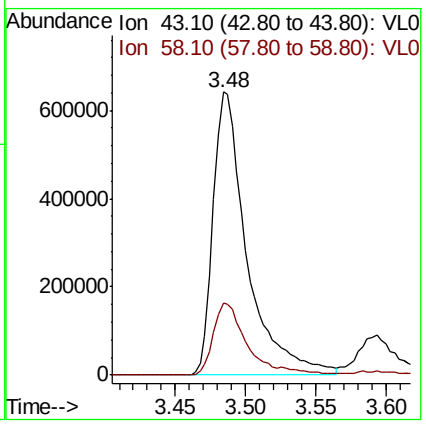


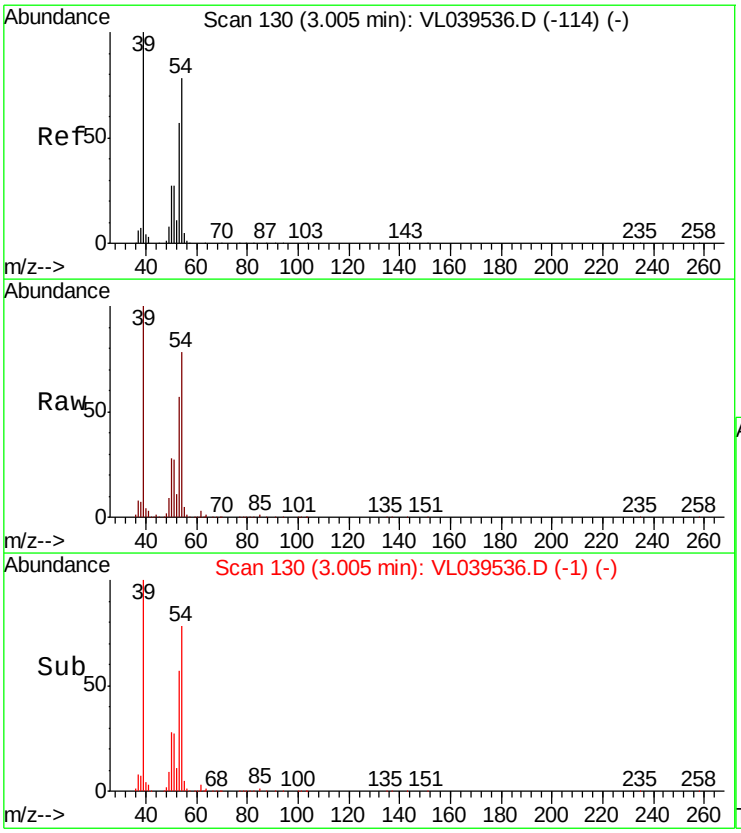
#15
Acetone
Concen: 8.393 ppbv
RT: 3.48
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1073399

Ion	Ratio	Lower	Upper
43	100		
58	26.1	20.7	31.1

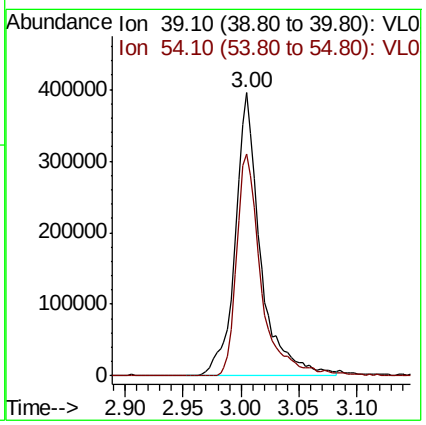


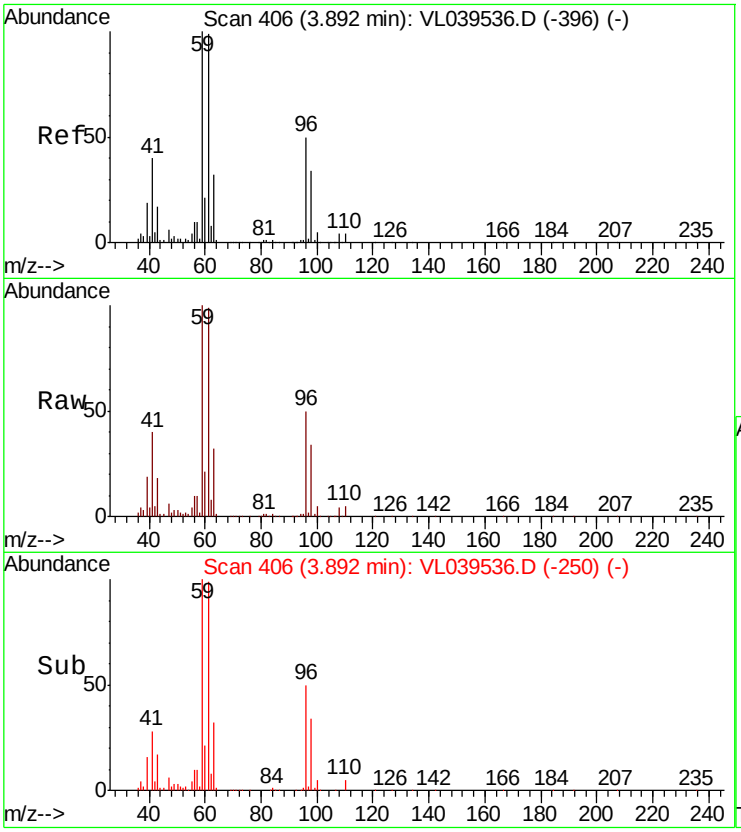


#16
1,3-Butadiene
Concen: 8.899 ppbv
RT: 3.00 min Scan# 130
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 39 Resp: 594006

Ion	Ratio	Lower	Upper
39	100		
54	77.3	61.8	92.8



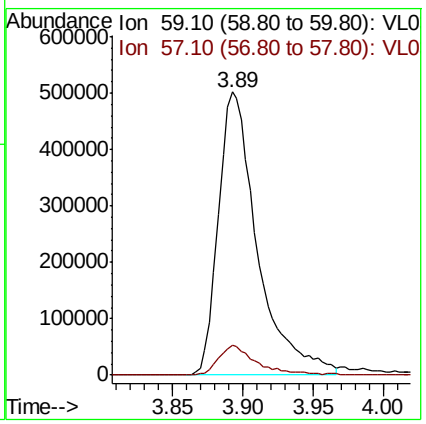


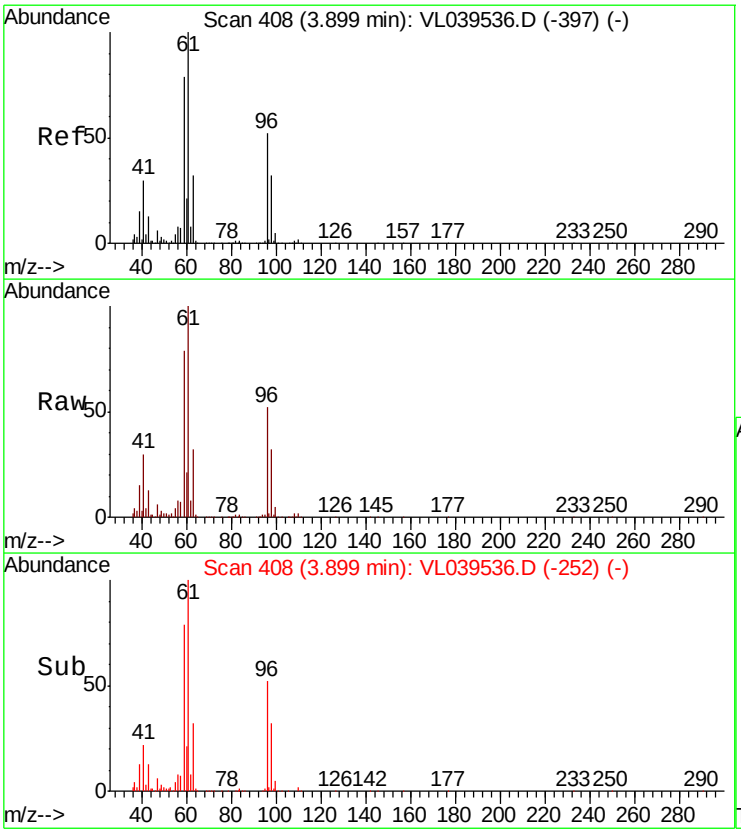
#17
tert-Butyl alcohol
Concen: 9.040 ppbv
RT: 3.89
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 971499

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.6	12.8

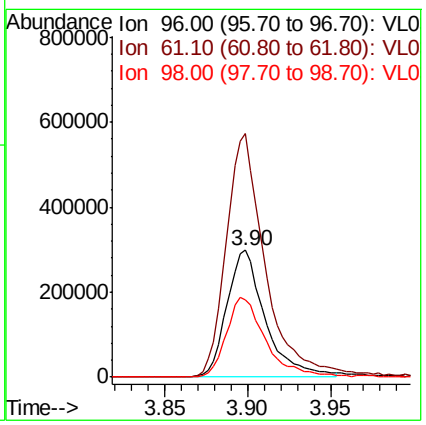


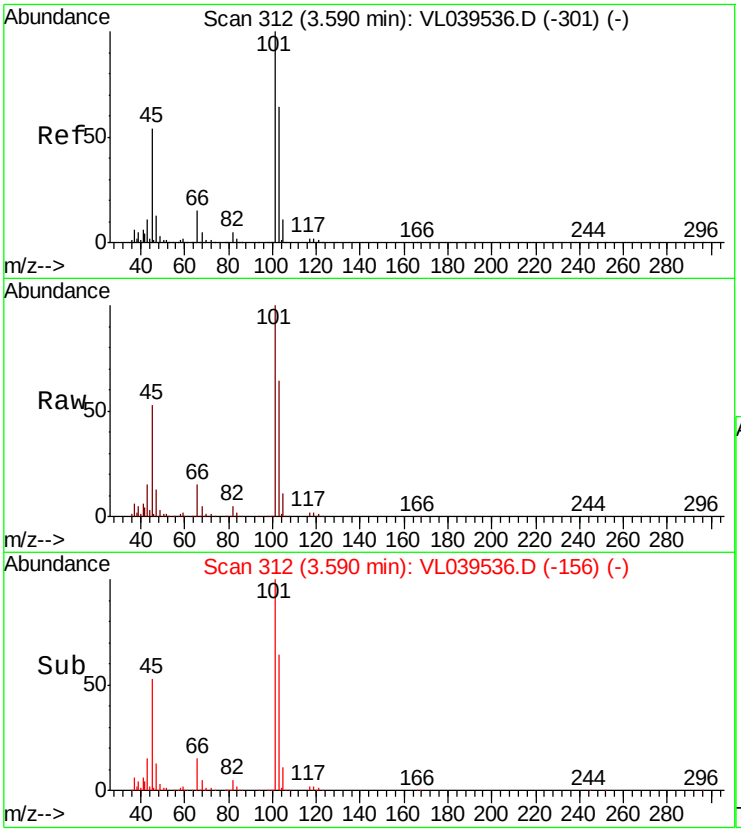


#18
1,1-Dichloroethene
Concen: 8.233 ppbv
RT: 3.90 min Scan# 408
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 96 Resp: 479936

Ion	Ratio	Lower	Upper
96	100		
61	192.2	153.8	230.6
98	60.8	48.6	73.0



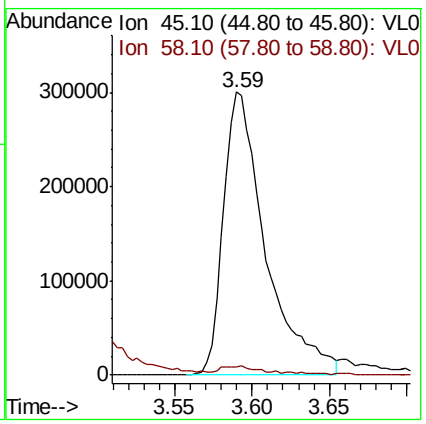


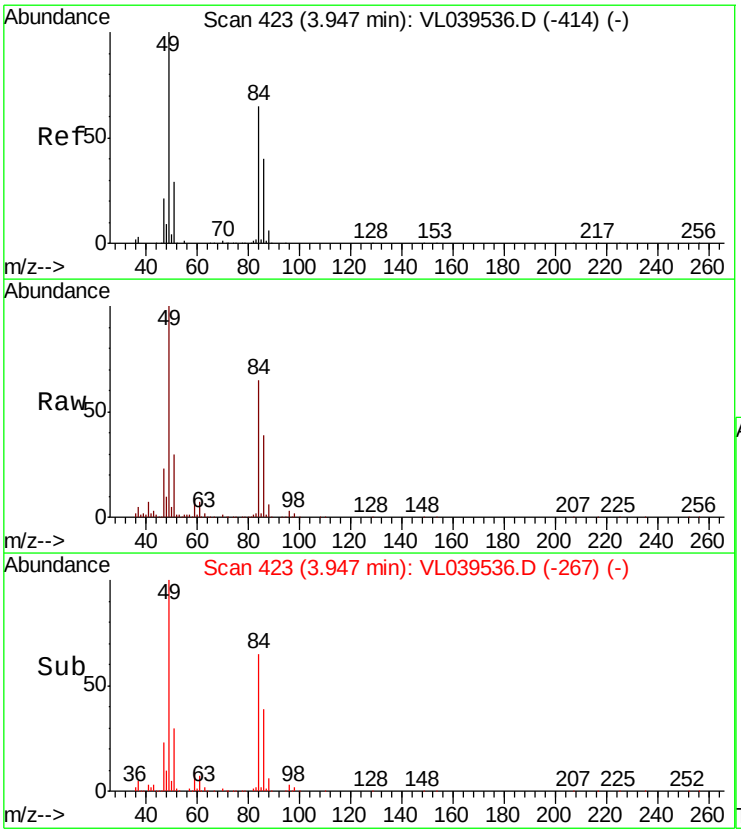
#19
Isopropyl Alcohol
Concen: 8.383 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 567586

Ion	Ratio	Lower	Upper
45	100		
58	2.4	0.0	0.0#

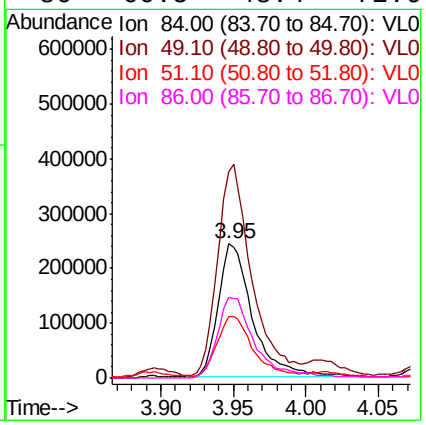


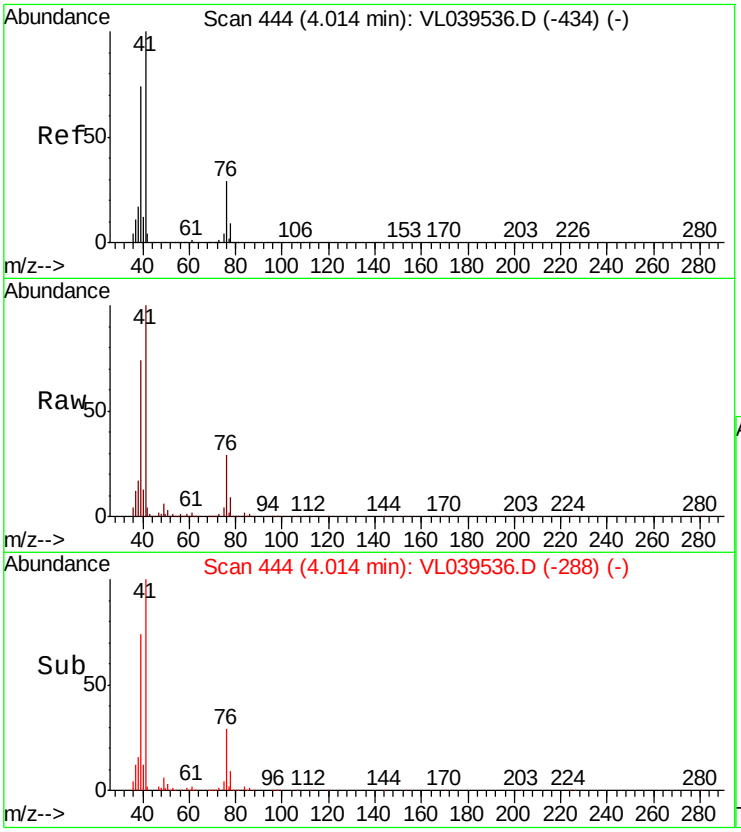


#20
Methylene Chloride
Concen: 7.872 ppbv
RT: 3.95 min Scan# 423
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 84 Resp: 400795

Ion	Ratio	Lower	Upper
84	100		
49	152.8	122.2	183.4
51	44.7	35.8	53.6
86	60.5	48.4	72.6



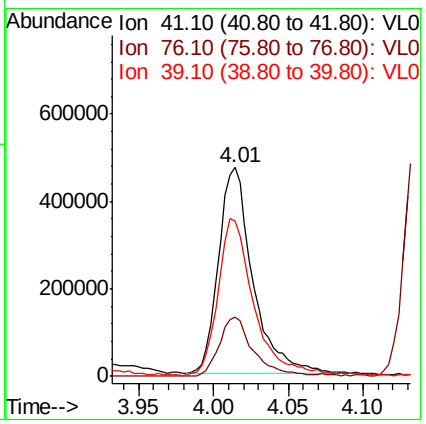


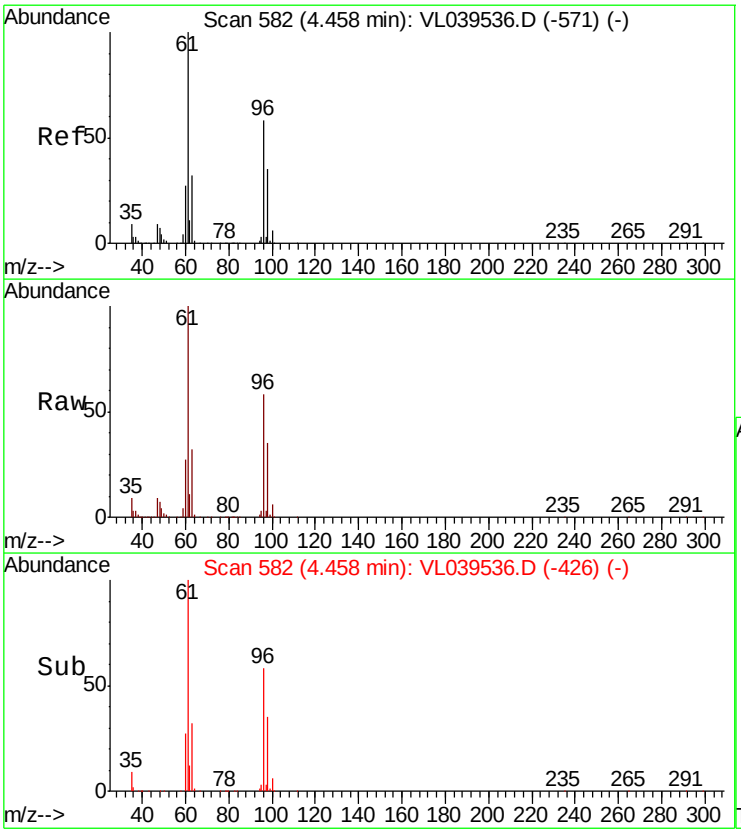
#21
Allvl Chloride
Concen: 8.590 ppbv
RT: 4.01
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 761864

Ion	Ratio	Lower	Upper
41	100		
76	28.9	23.1	34.7
39	79.3	63.4	95.2

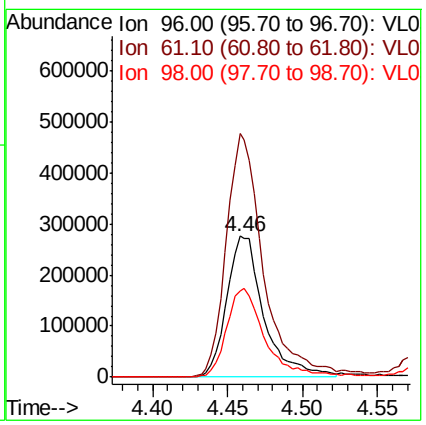


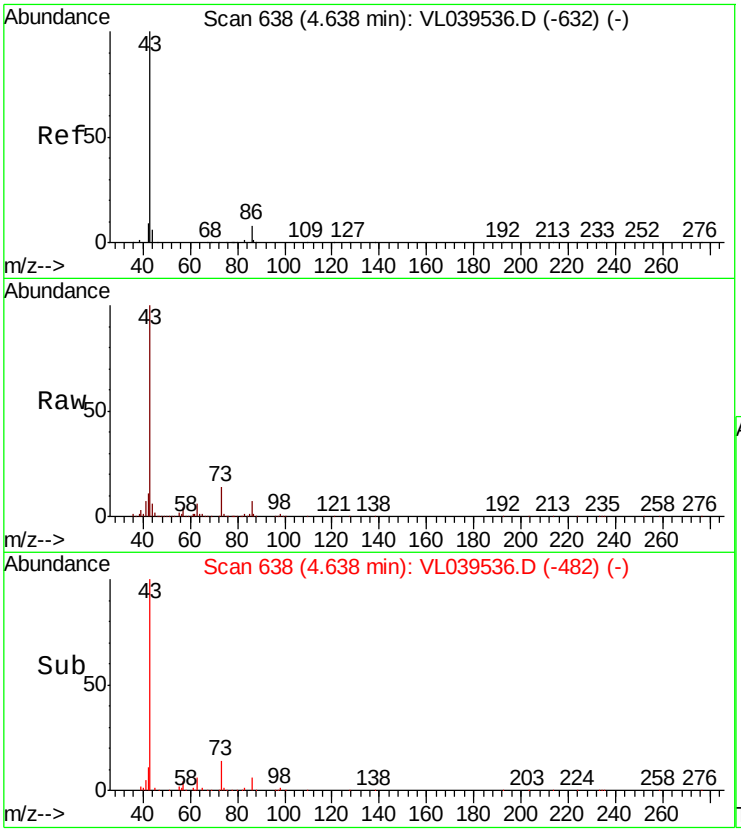


#22
trans-1,2-Dichloroethene
Concen: 8.492 ppbv
RT: 4.46 min Scan# 582
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 96 Resp: 476597

Ion	Ratio	Lower	Upper
96	100		
61	172.6	138.1	207.1
98	61.0	48.8	73.2



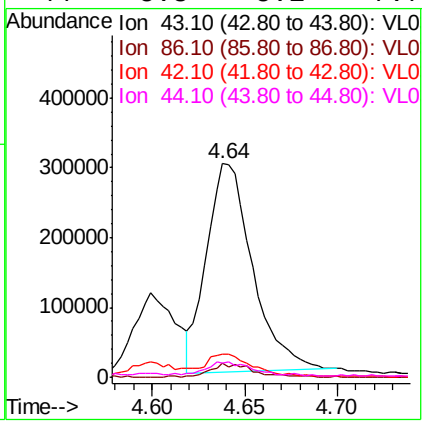


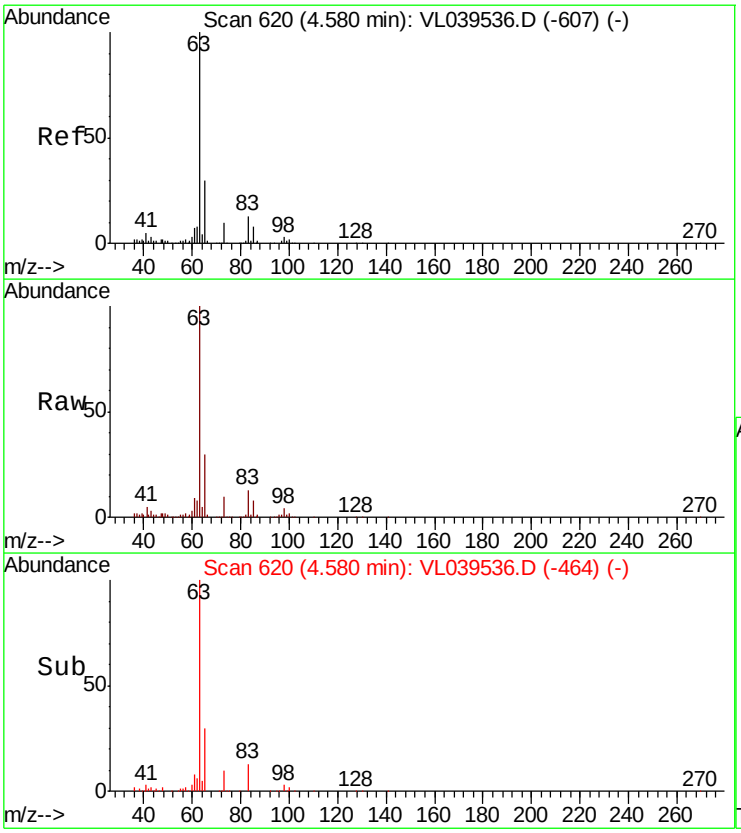
#23
Vinyl Acetate
Concen: 6.322 ppbv
RT: 4.64
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 514759

Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.3	7.9
42	10.4	8.7	13.1
44	5.8	5.1	7.7

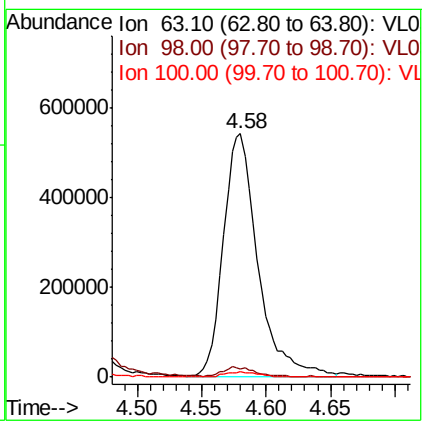


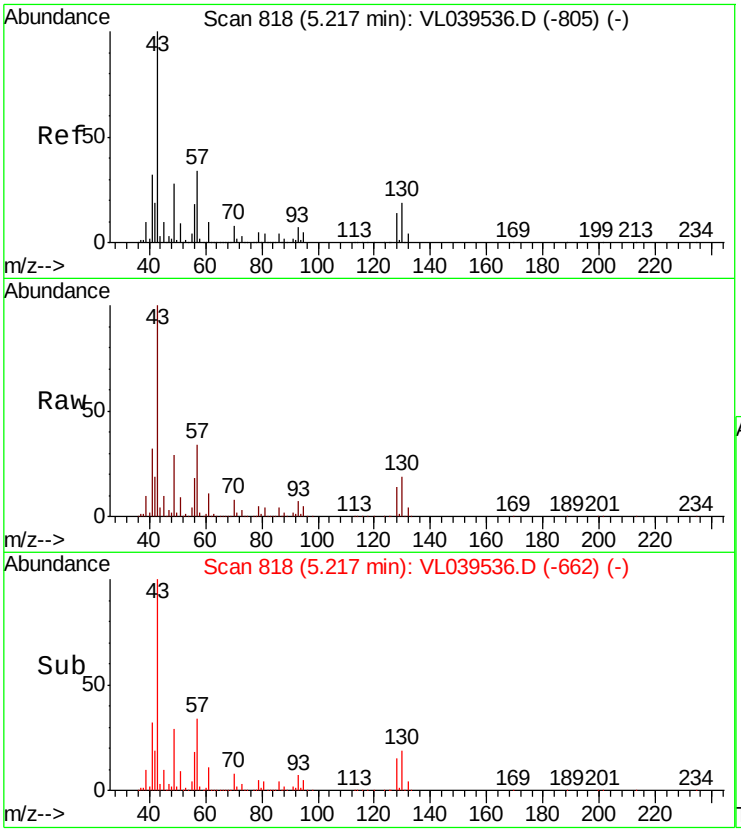


#24
1,1-Dichloroethane
Concen: 8.309 ppbv
RT: 4.58 min Scan# 620
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 63 Resp: 1003377

Ion	Ratio	Lower	Upper
63	100		
98	3.3	1.7	5.0
100	2.2	1.1	3.3



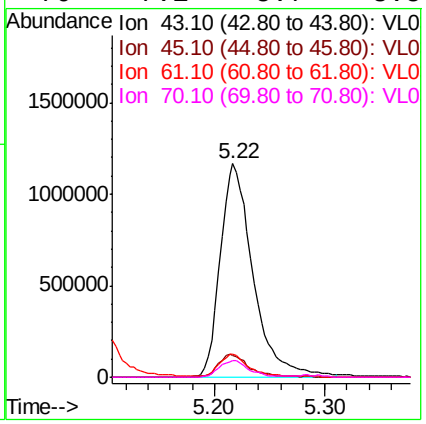


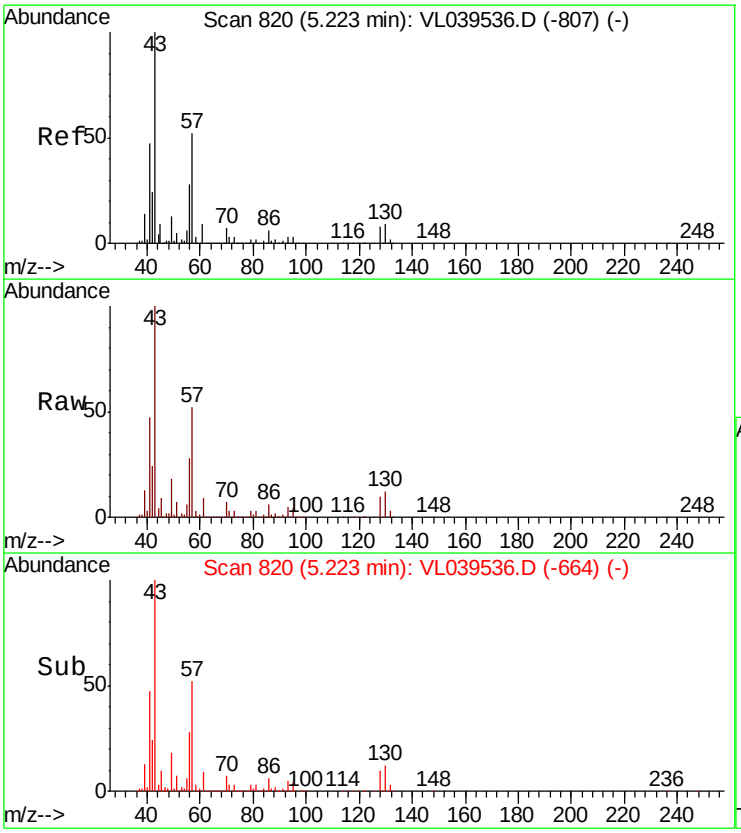
#25
Ethyl Acetate
Concen: 9.099 ppbv
RT: 5.22
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2404165

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.7	8.6	12.8
70	7.1	5.7	8.5

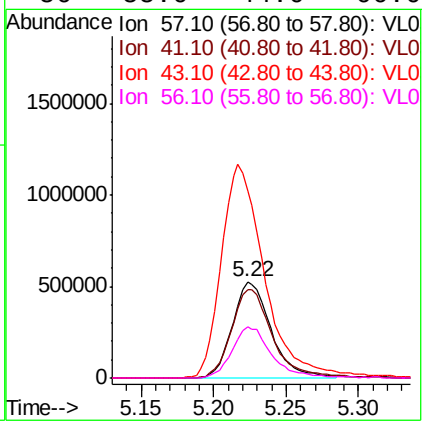


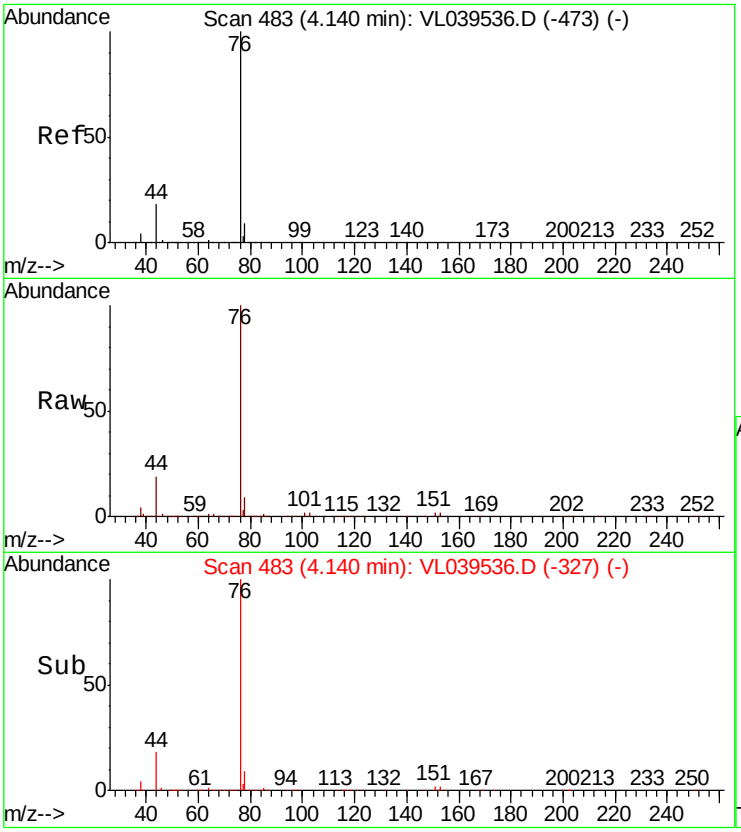


#26
Hexane
Concen: 9.245 ppbv
RT: 5.22 min Scan# 820
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 57 Resp: 974412

Ion	Ratio	Lower	Upper
57	100		
41	99.1	79.4	119.2
43	249.8	199.7	299.5
56	55.0	44.0	66.0



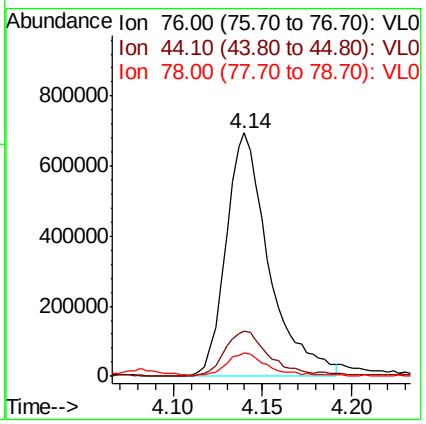


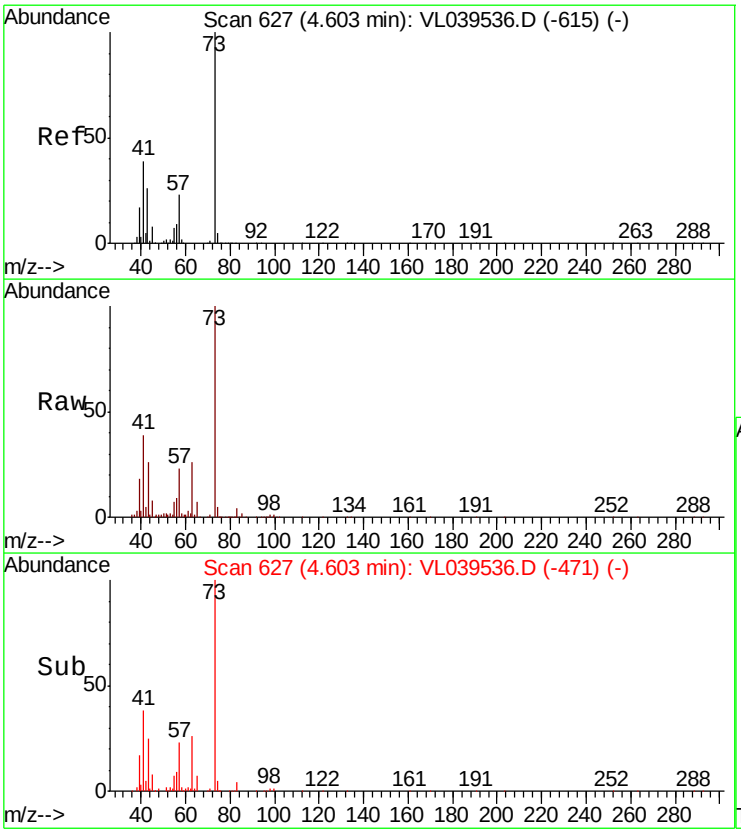
#27
Carbon Disulfide
Concen: 9.110 ppbv
RT: 4.14
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1157546

Ion	Ratio	Lower	Upper
76	100		
44	20.3	16.3	24.5
78	10.1	7.8	11.6

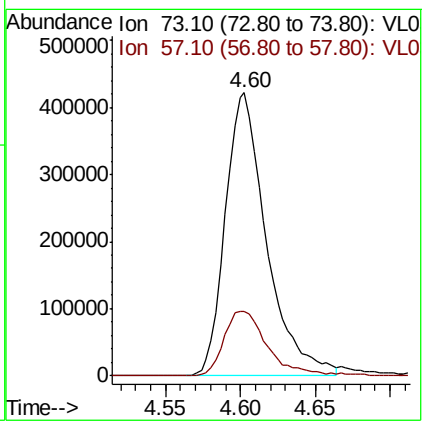


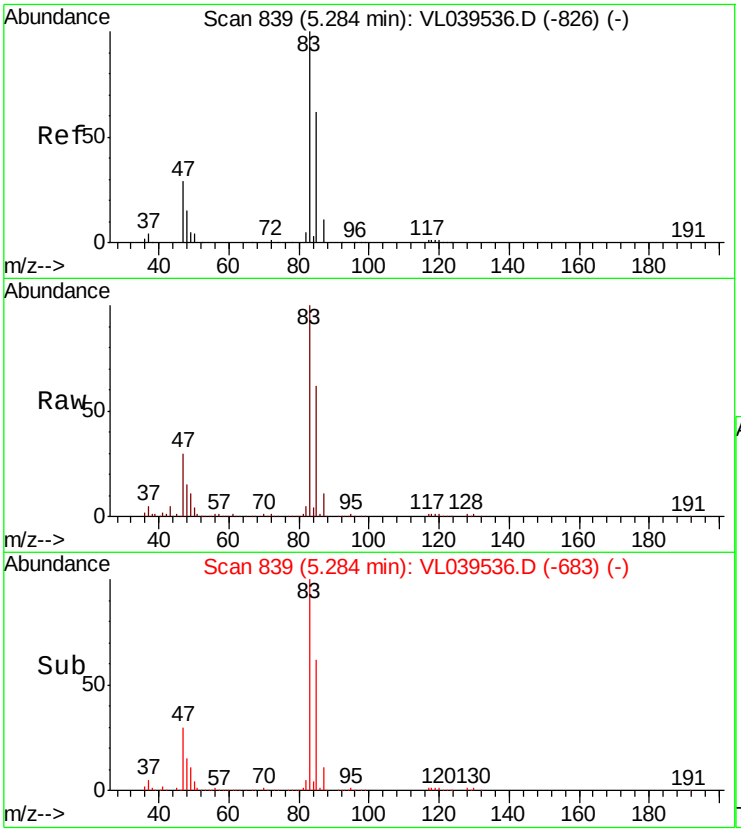


#28
Methyl tert-Butyl Ether
Concen: 7.277 ppbv
RT: 4.60 min Scan# 627
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 73 Resp: 810268

Ion	Ratio	Lower	Upper
73	100		
57	24.6	19.8	29.6



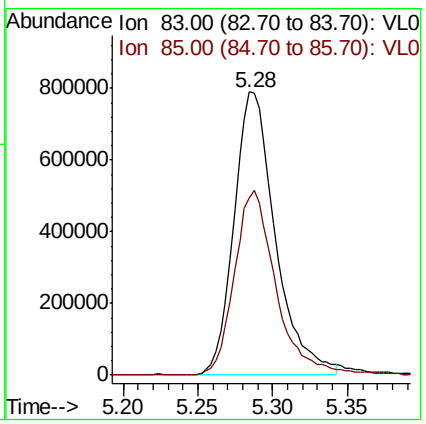


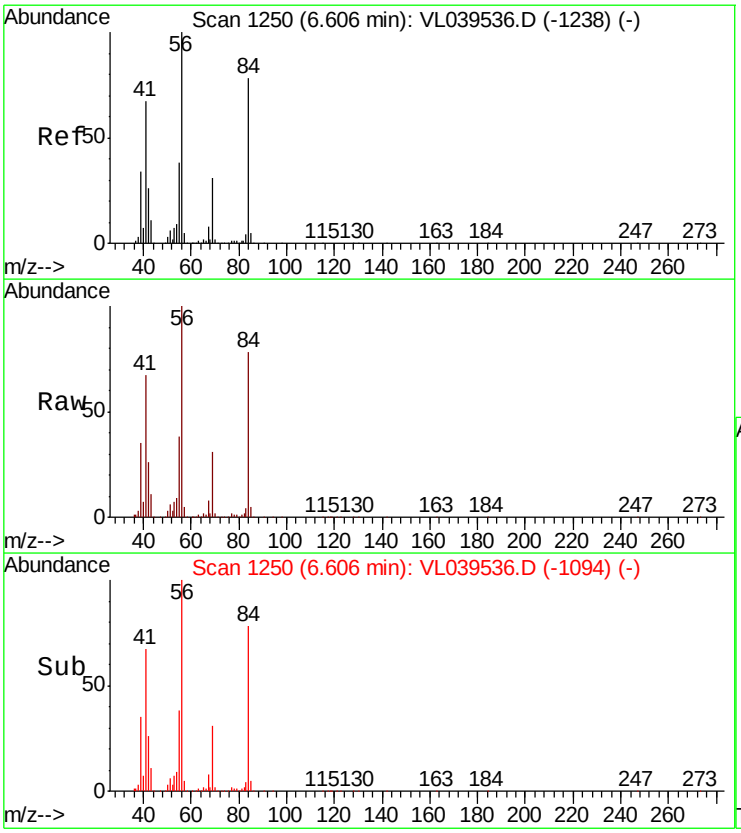
#29
Chloroform
Concen: 8.342 ppbv
RT: 5.28
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1526345

Ion	Ratio	Lower	Upper
83	100		
85	62.3	49.8	74.8

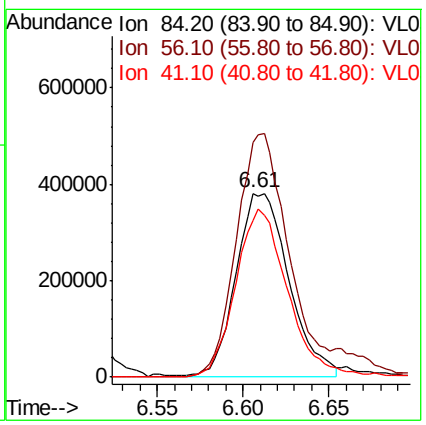


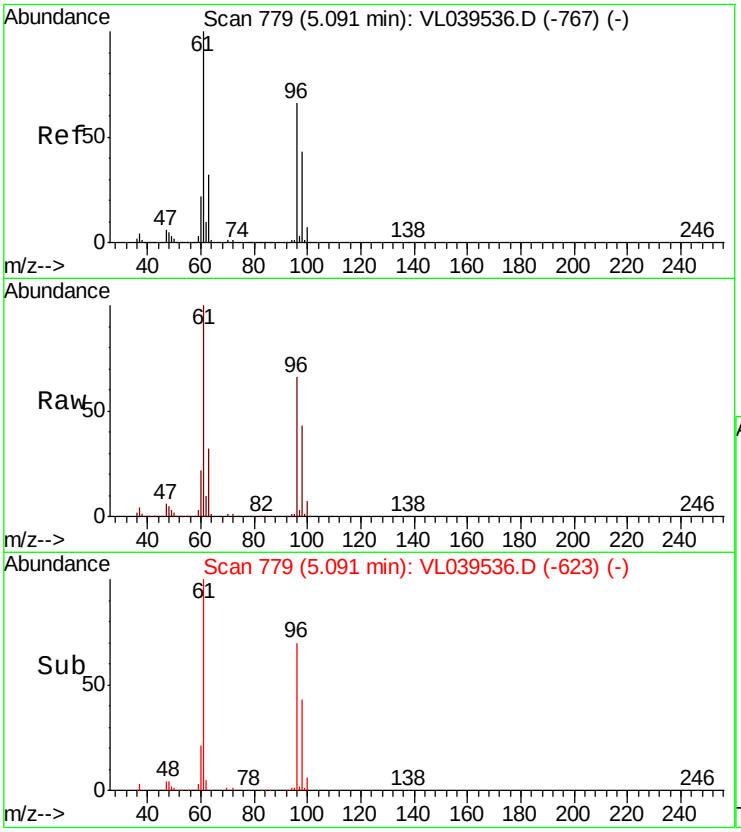


#30
Cyclohexane
Concen: 8.458 ppbv
RT: 6.61 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 84 Resp: 812106

Ion	Ratio	Lower	Upper
84	100		
56	142.6	0.0	0.0#
41	91.5	0.0	0.0#



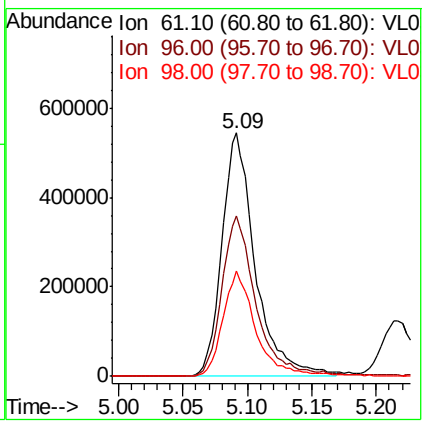


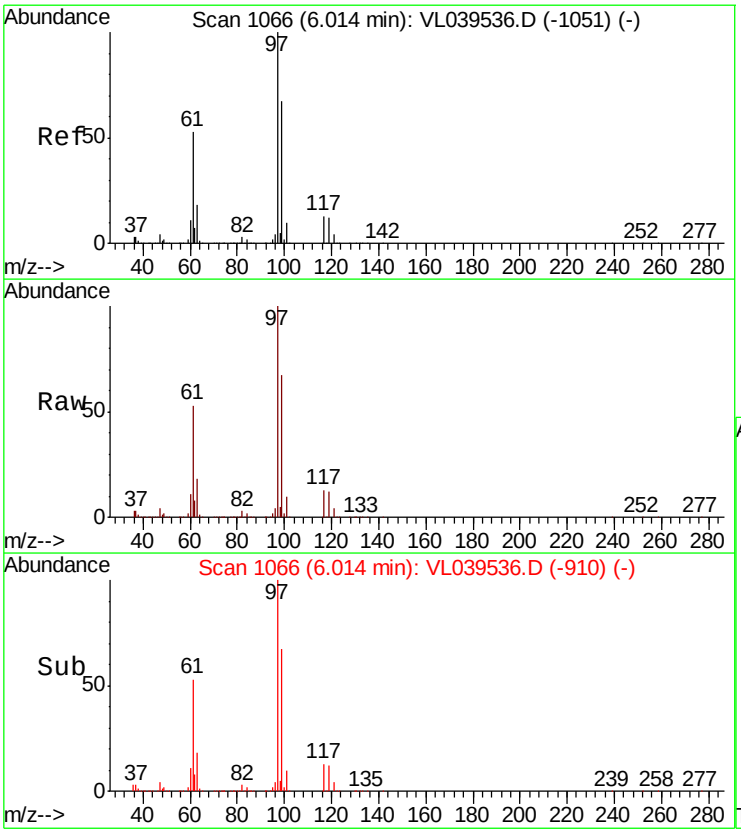
#31
cis-1,2-Dichloroethene
Concen: 8.680 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 971084

Ion	Ratio	Lower	Upper
61	100		
96	66.1	52.9	79.3
98	43.1	34.5	51.7

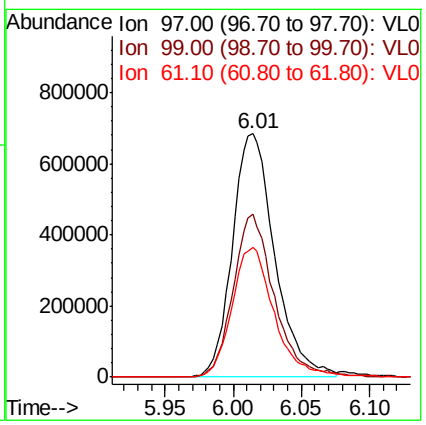


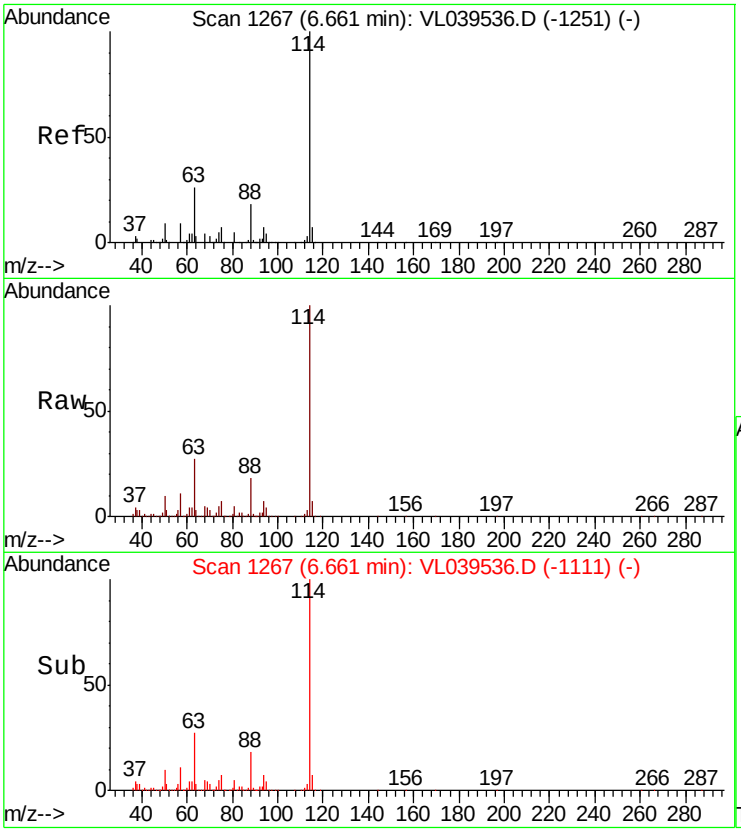


#32
1,1,1-Trichloroethane
Concen: 8.150 ppbv
RT: 6.01 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 97 Resp: 1473142

Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.4	78.6
61	53.6	42.9	64.3



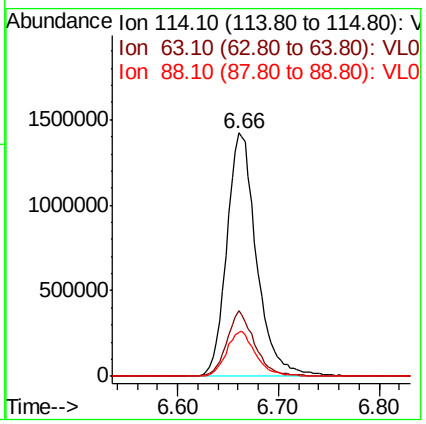


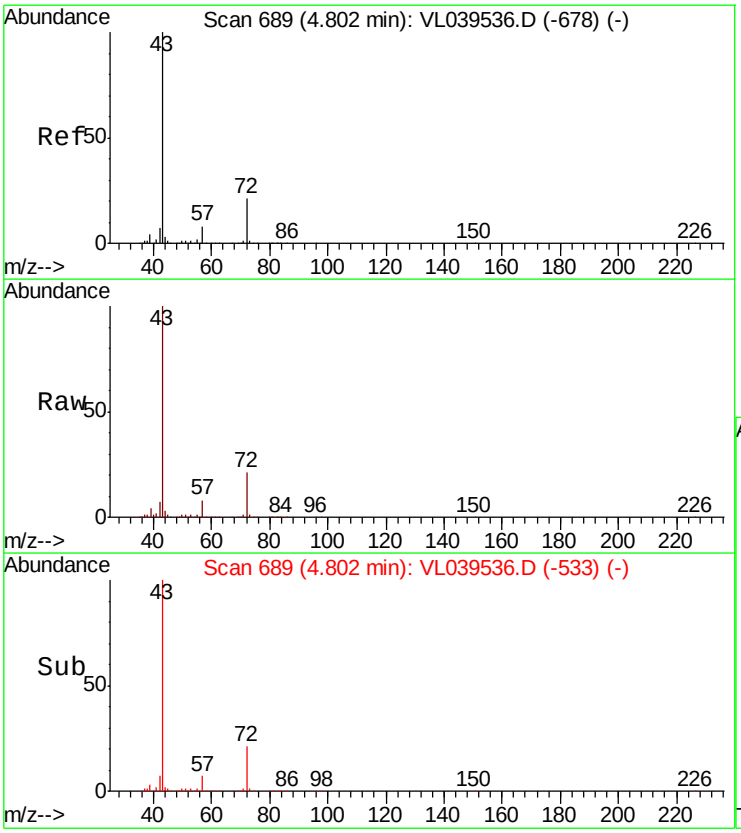
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.66
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 2928956

Ion	Ratio	Lower	Upper
114	100		
63	25.8	20.6	31.0
88	18.3	14.6	22.0

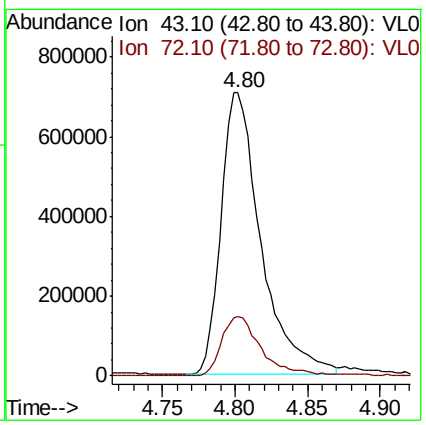


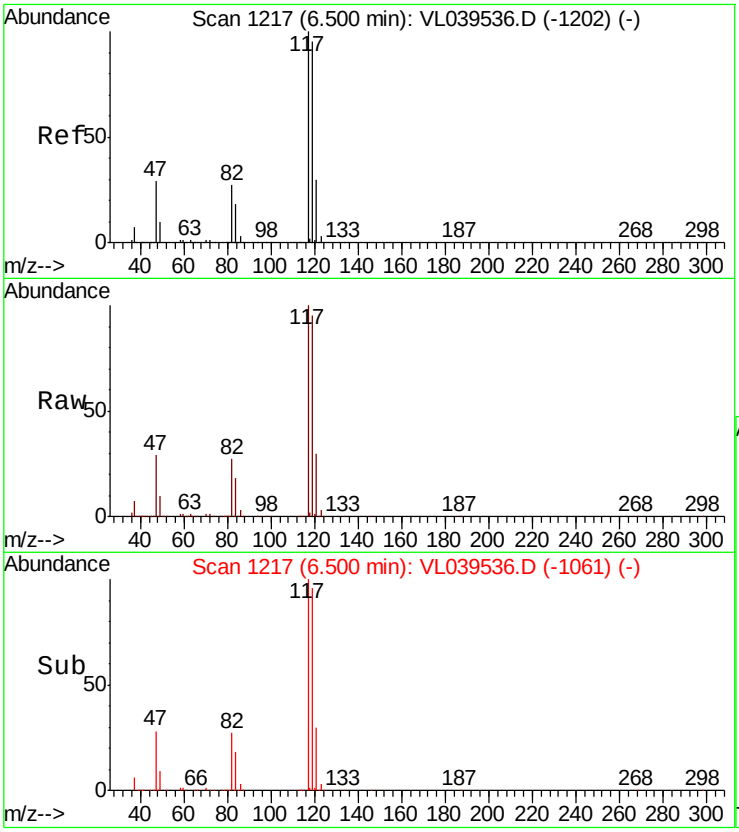


#34
2-Butanone
Concen: 9.324 ppbv
RT: 4.80 min Scan# 689
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 43 Resp: 1357368

Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.4	26.0



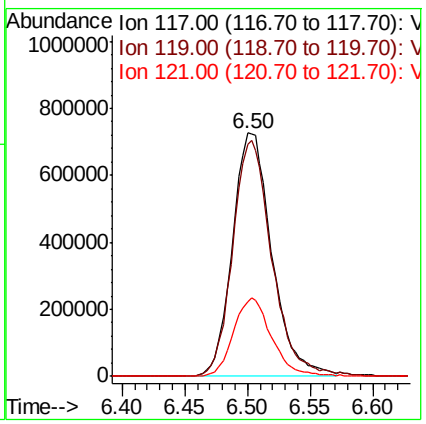


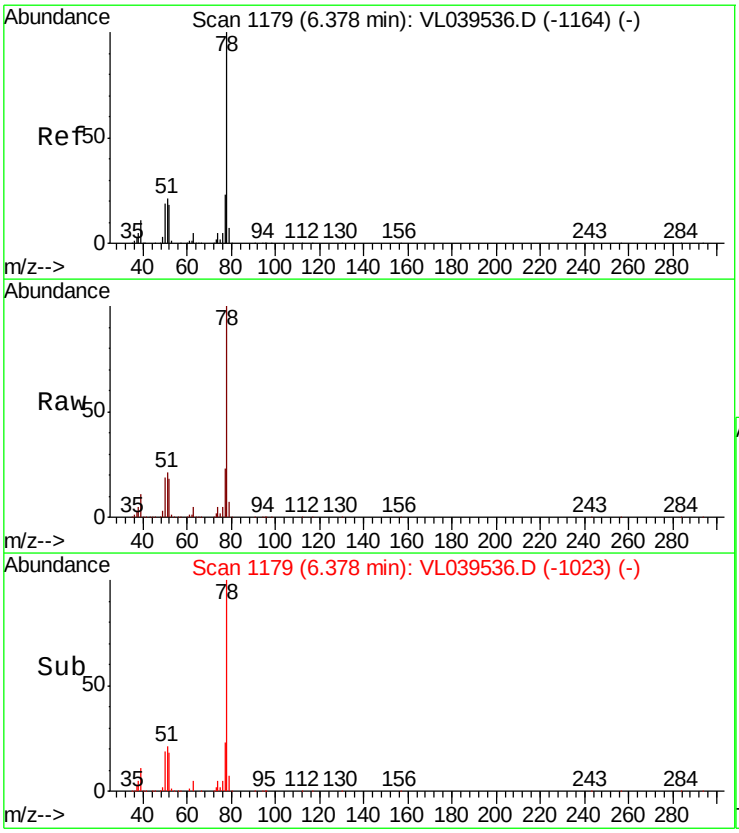
#35
Carbon Tetrachloride
Concen: 8.889 ppbv
RT: 6.50
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 1585899

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.2	114.4
121	30.5	24.4	36.6

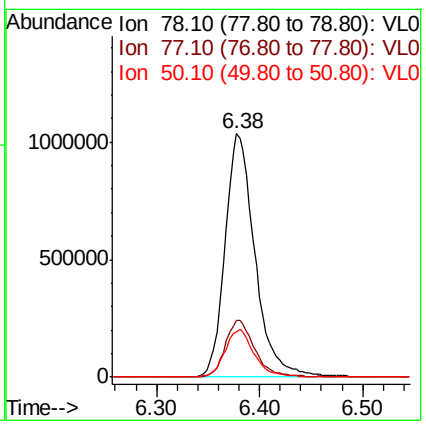


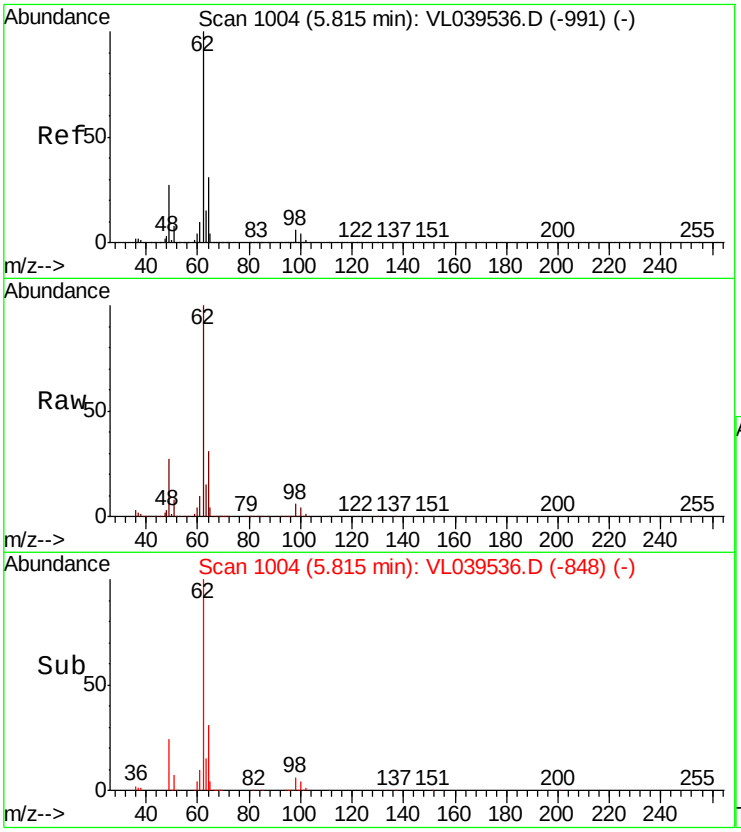


#36
Benzene
Concen: 9.278 ppbv
RT: 6.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 78 Resp: 2092782

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8
50	18.7	15.0	22.4



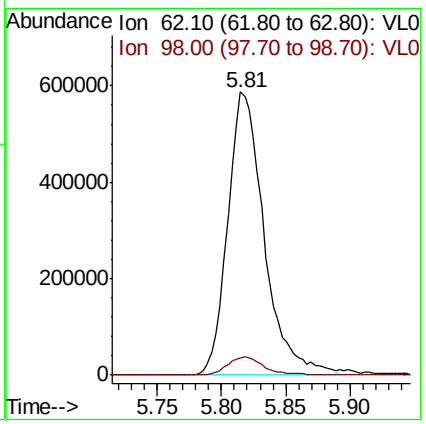


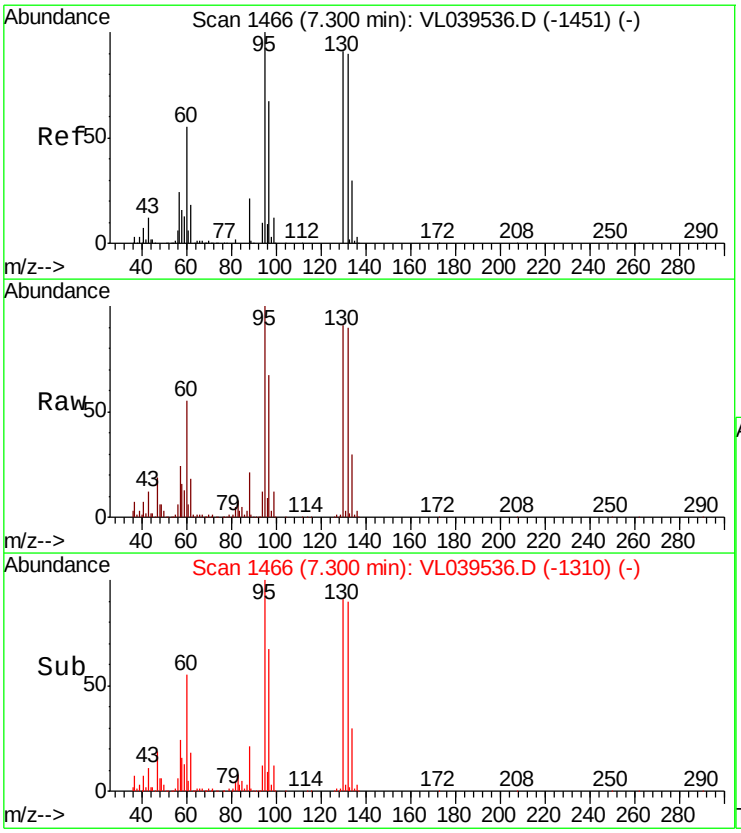
#37
1,2-Dichloroethane
Concen: 8.753 ppbv
RT: 5.81
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 1153651

Ion	Ratio	Lower	Upper
62	100		
98	6.8	5.4	8.2

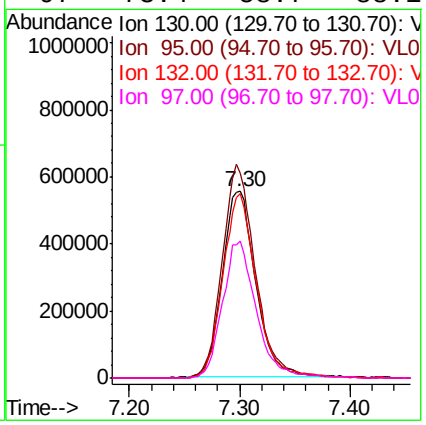


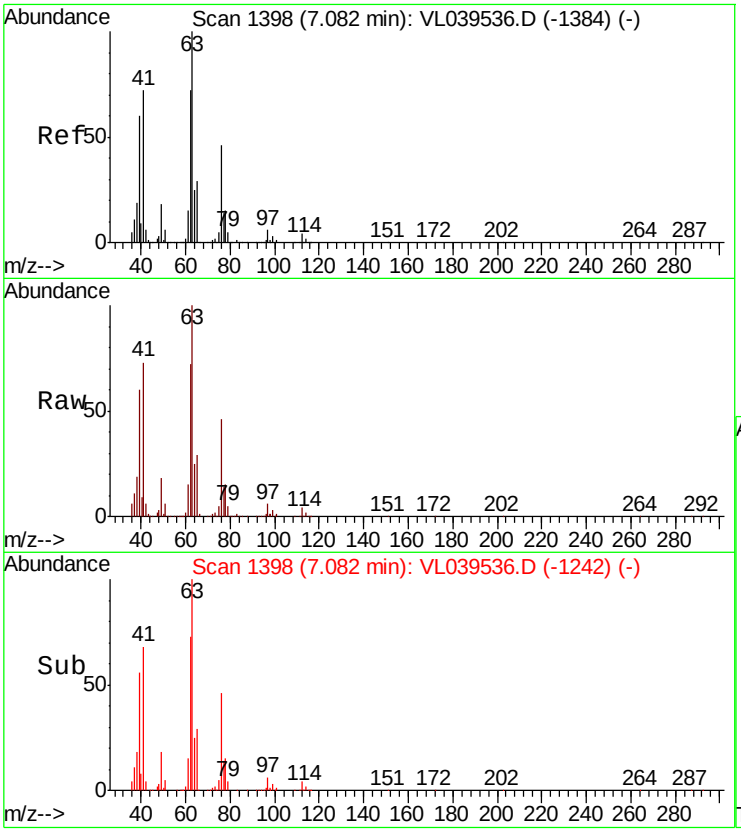


#38
Trichloroethene
Concen: 9.534 ppbv
RT: 7.30 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:130 Resp: 1172709

Ion	Ratio	Lower	Upper
130	100		
95	110.0	88.0	132.0
132	98.9	79.1	118.7
97	73.4	58.7	88.1



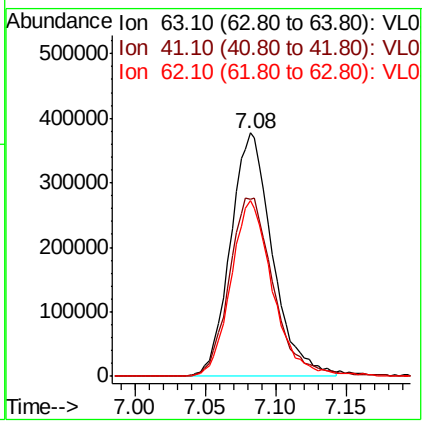


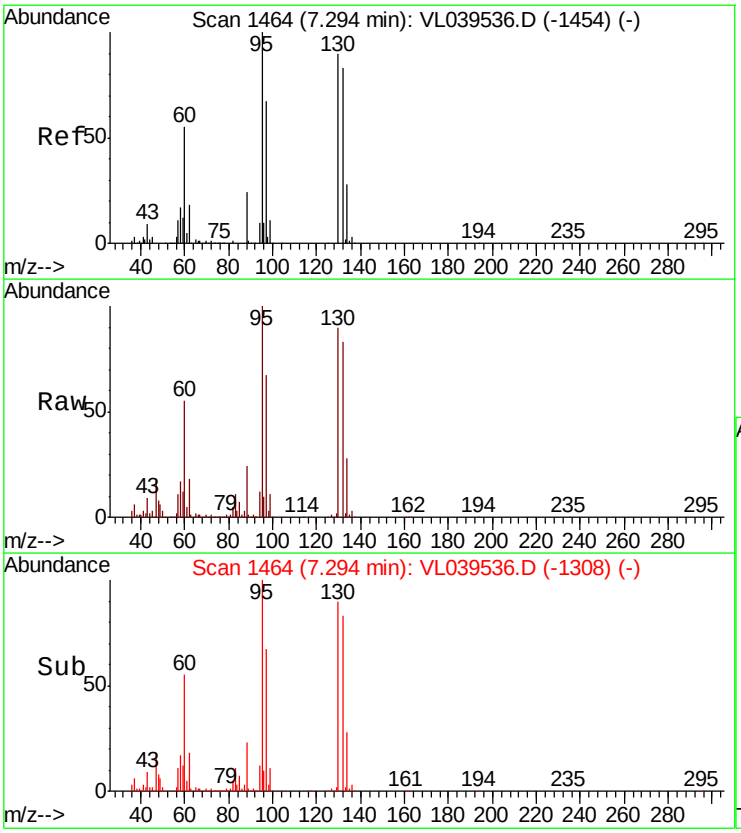
#39
1,2-Dichloropropane
Concen: 9.286 ppbv
RT: 7.08
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 781792

Ion	Ratio	Lower	Upper
63	100		
41	72.5	58.0	87.0
62	72.3	57.8	86.8

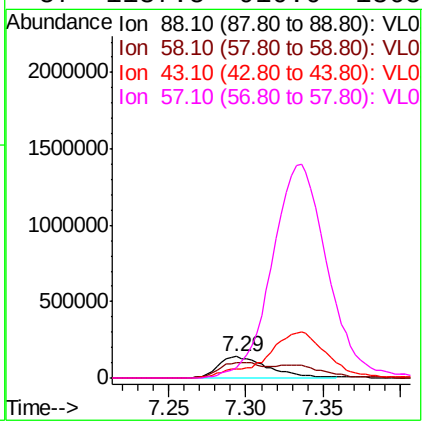


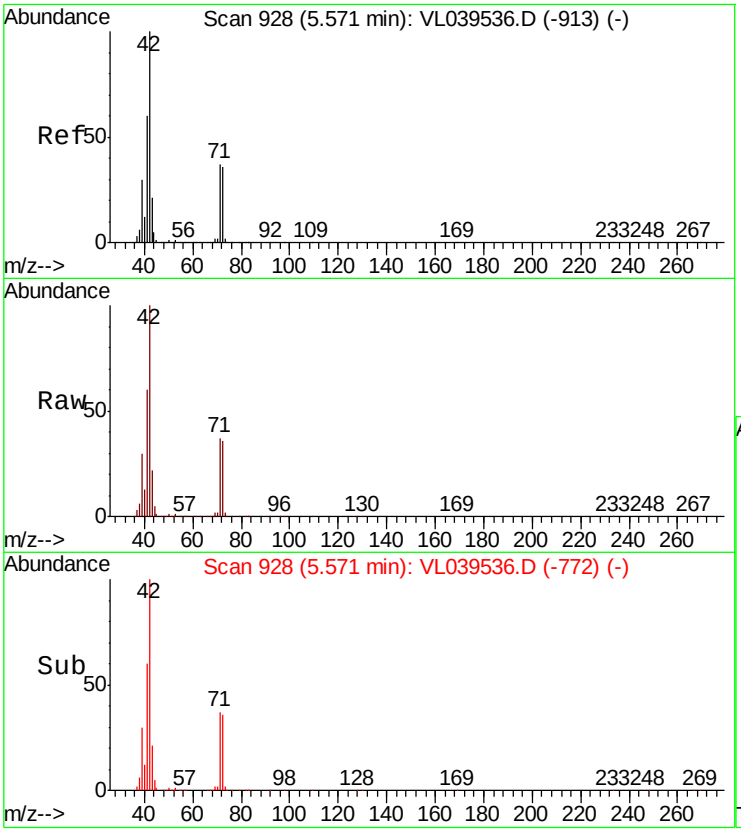


#40
1,4-Dioxane
Concen: 9.283 ppbv
RT: 7.29 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 88 Resp: 309364

Ion	Ratio	Lower	Upper
88	100		
58	128.5	102.8	154.2
43	270.2	216.2	324.2
57	1137.5	910.0	1365.0



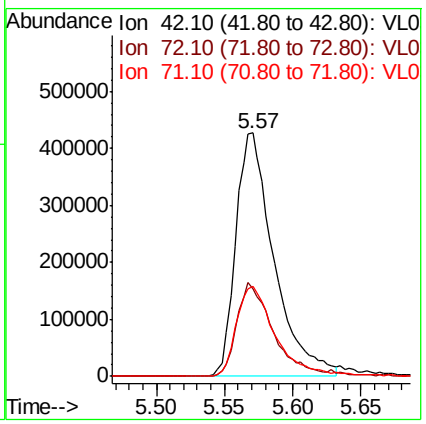


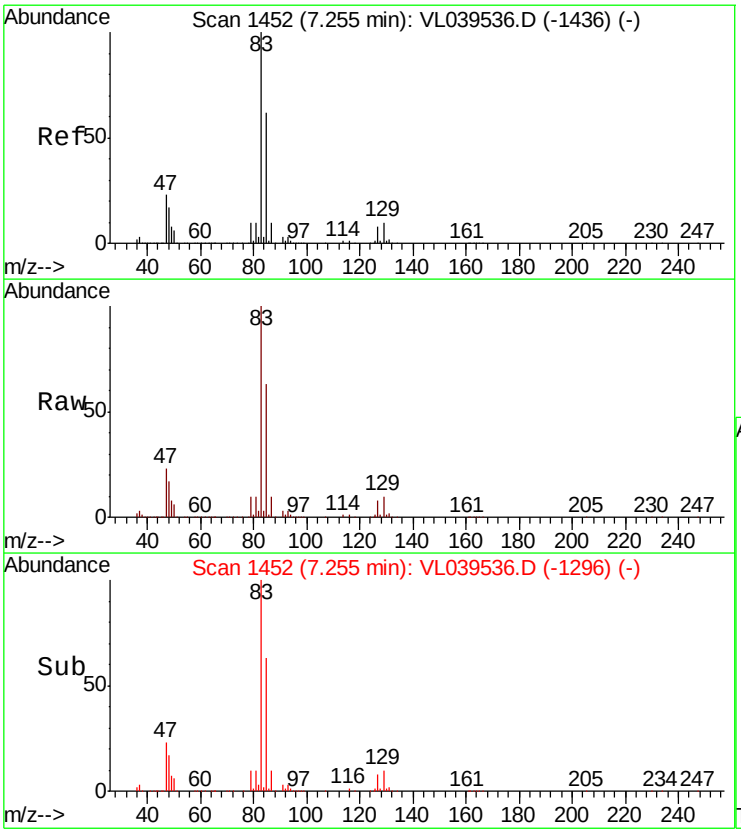
#41
Tetrahydrofuran
Concen: 9.753 ppbv
RT: 5.57
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 830047

Ion	Ratio	Lower	Upper
42	100		
72	38.2	30.6	45.8
71	38.4	30.7	46.1

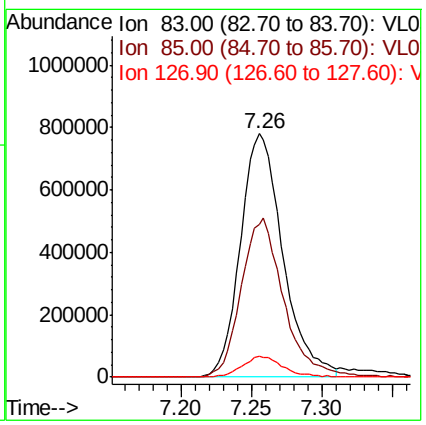


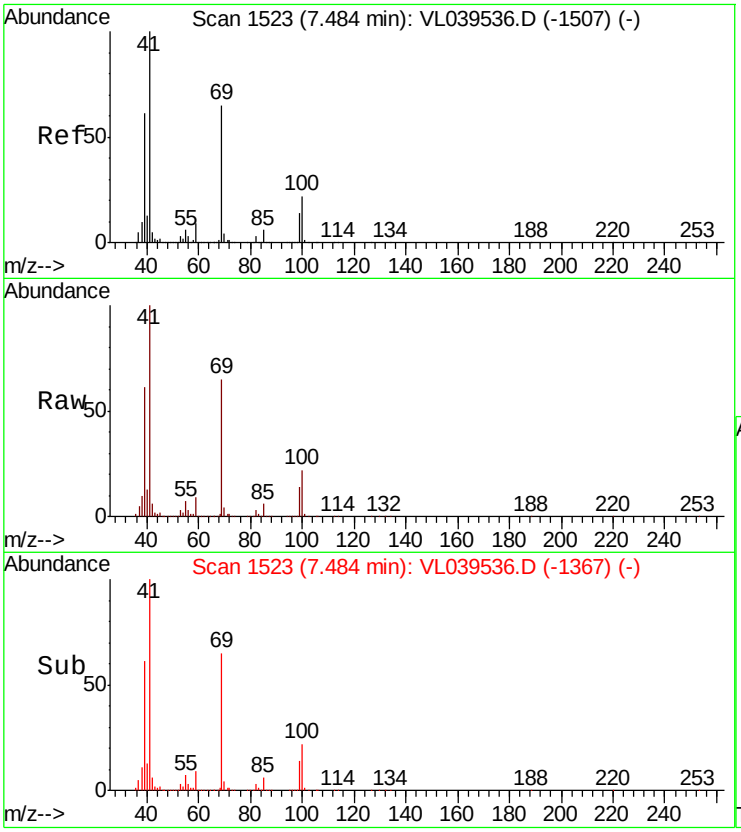


#42
Bromodichloromethane
Concen: 9.247 ppbv
RT: 7.26 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 83 Resp: 1645436

Ion	Ratio	Lower	Upper
83	100		
85	62.4	49.9	74.9
127	8.4	6.7	10.1



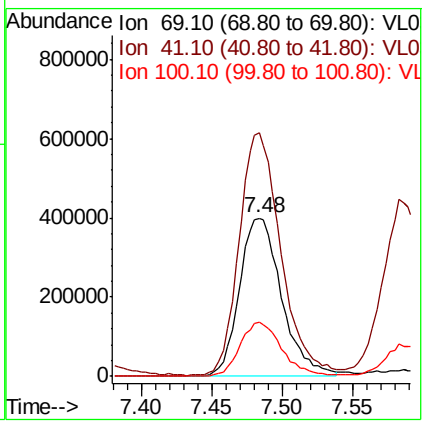


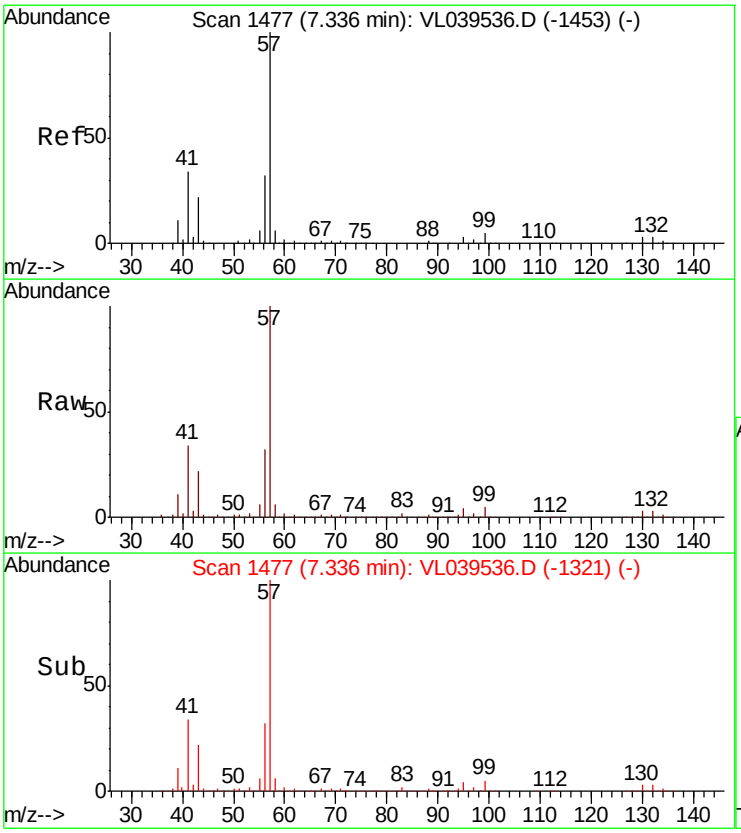
#43
Methyl Methacrylate
Concen: 9.763 ppbv
RT: 7.48
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 832907

Ion	Ratio	Lower	Upper
69	100		
41	154.1	123.0	184.6
100	34.3	27.4	41.2

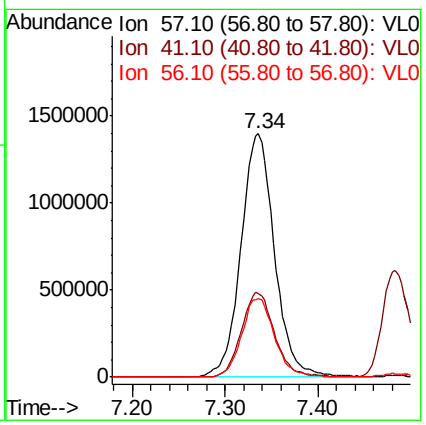


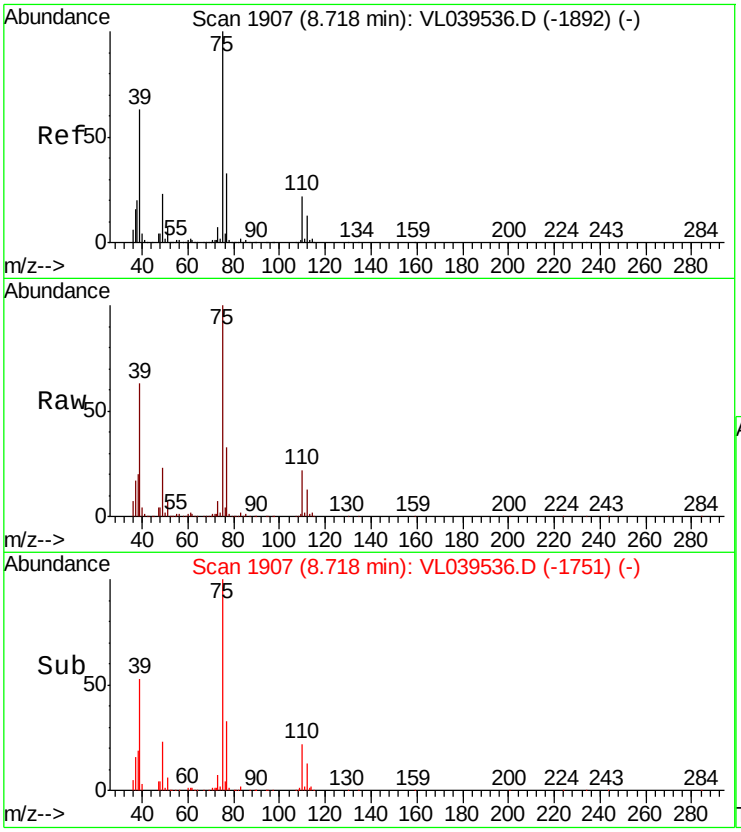


#44
2,2,4-Trimethylpentane
Concen: 9.178 ppbv
RT: 7.34 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 57 Resp: 3505145

Ion	Ratio	Lower	Upper
57	100		
41	34.6	27.8	41.6
56	31.9	25.5	38.3



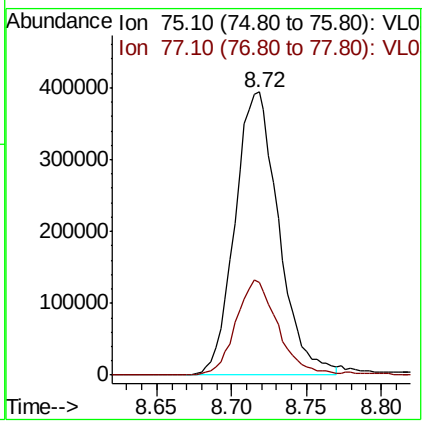


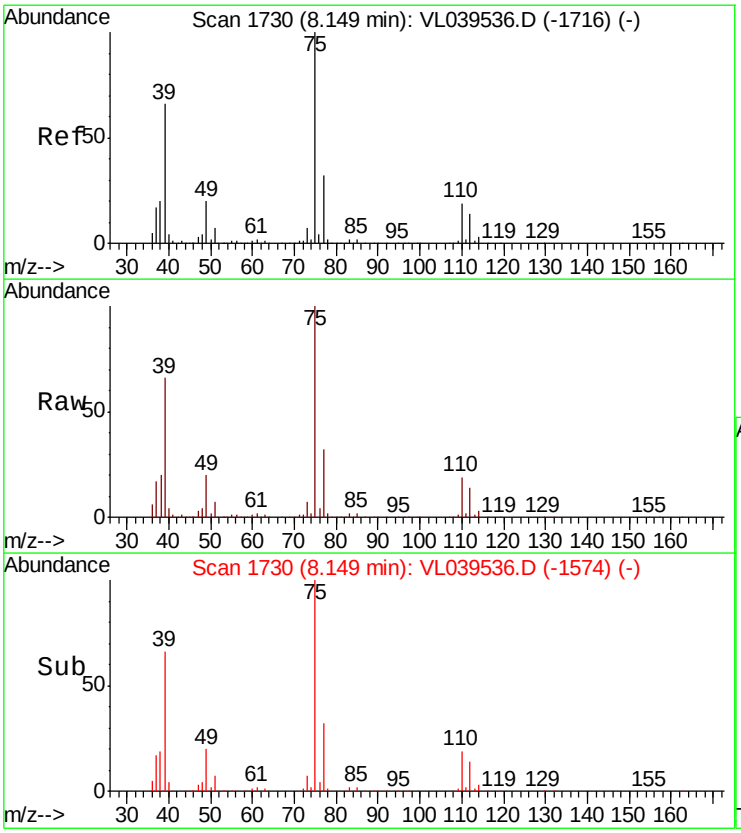
#45
t-1,3-Dichloropropene
Concen: 10.773 ppbv
RT: 8.72
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 801818

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.2	39.2

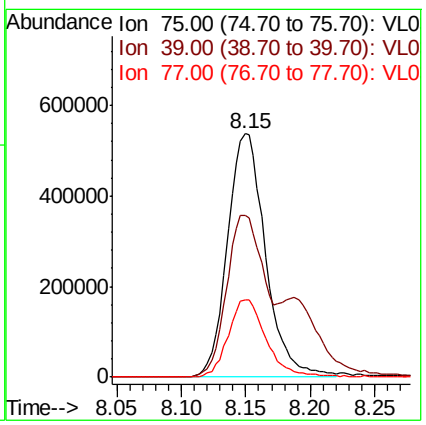


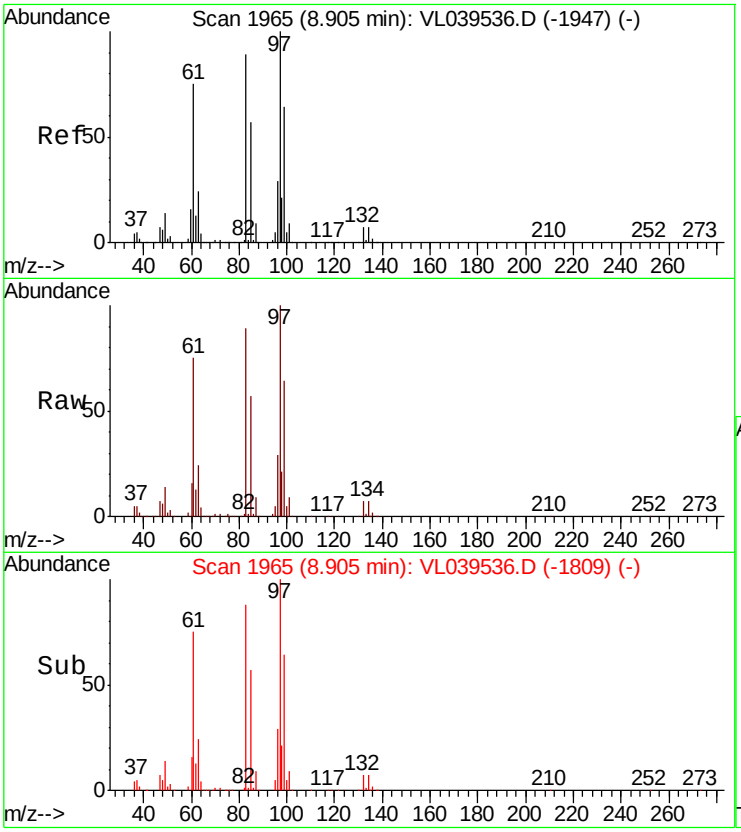


#46
cis-1,3-Dichloropropene
Concen: 10.581 ppbv
RT: 8.15 min Scan# 1730
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 75 Resp: 1099678

Ion	Ratio	Lower	Upper
75	100		
39	66.0	52.8	79.2
77	31.6	25.3	37.9



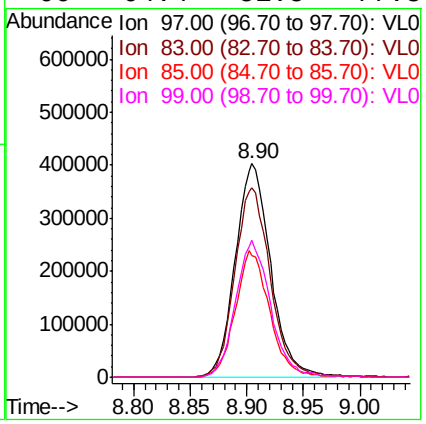


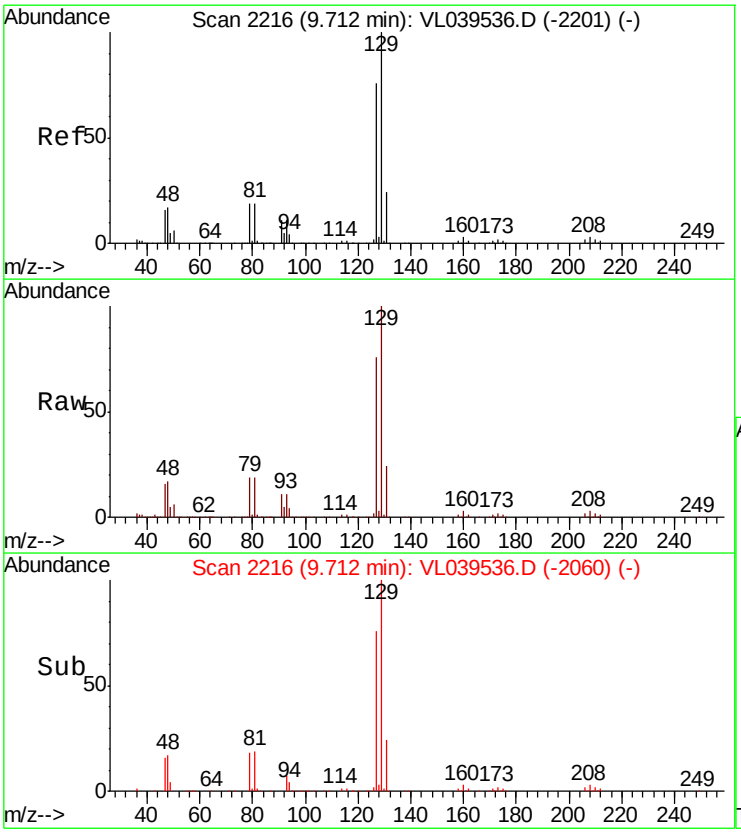
#47
1,1,2-Trichloroethane
Concen: 9.300 ppbv
RT: 8.90
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 878050

Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.8	106.2
85	56.8	45.4	68.2
99	64.4	51.5	77.3

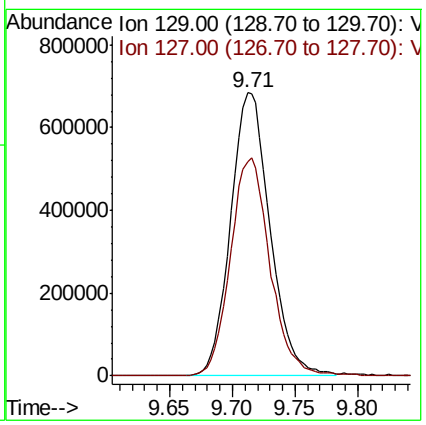


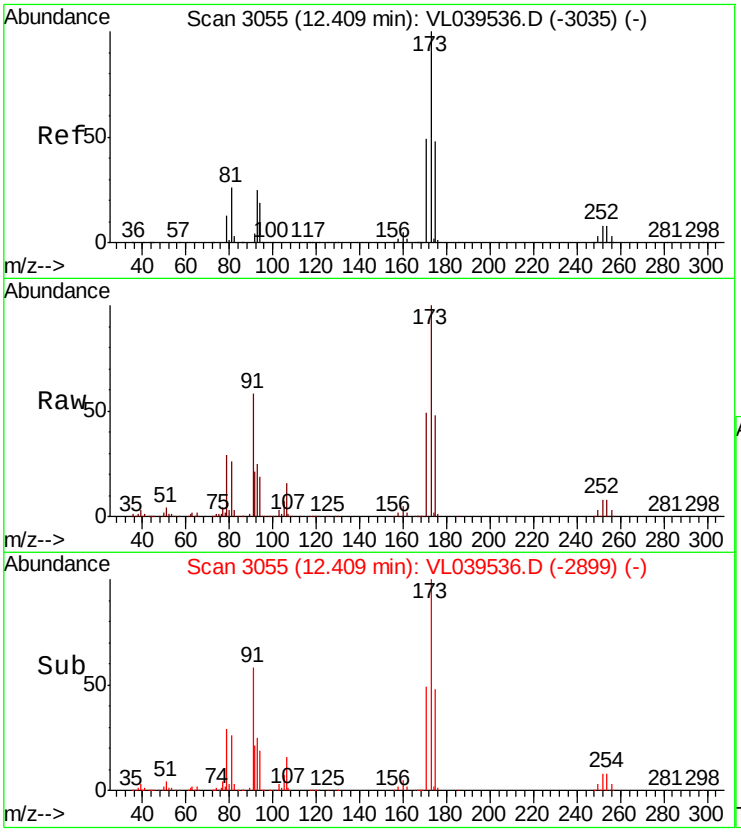


#48
Dibromochloromethane
Concen: 10.037 ppbv
RT: 9.71 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:129 Resp: 1495793

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.8	116.3



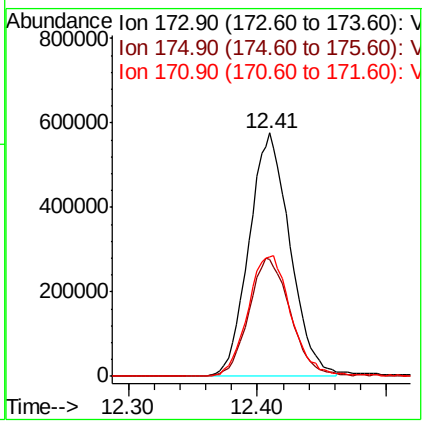


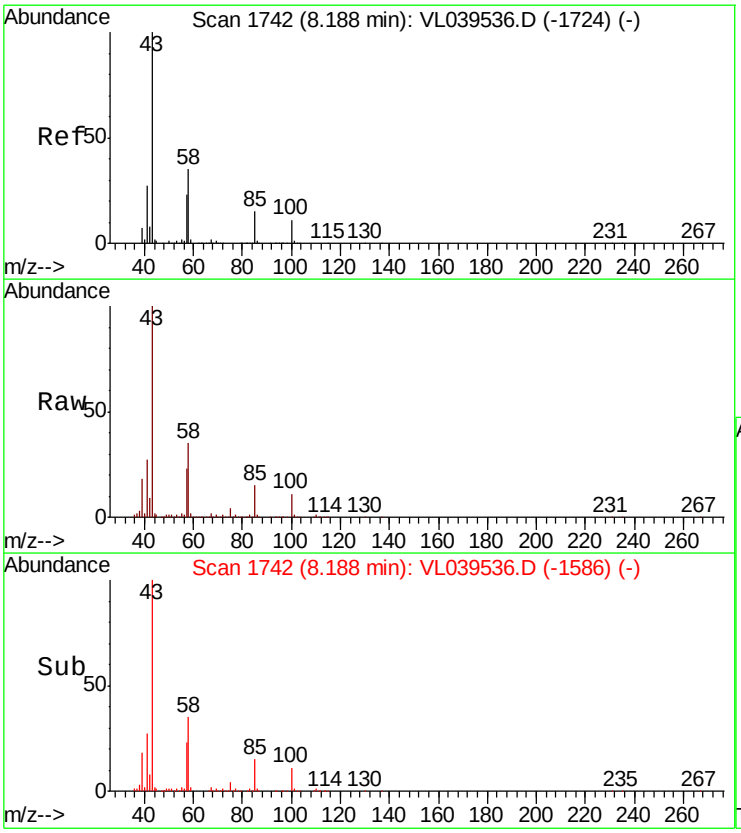
#49
Bromoform
Concen: 10.574 ppbv
RT: 12.41
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 1273373

Ion	Ratio	Lower	Upper
173	100		
175	49.9	0.0	0.0#
171	52.9	0.0	0.0#

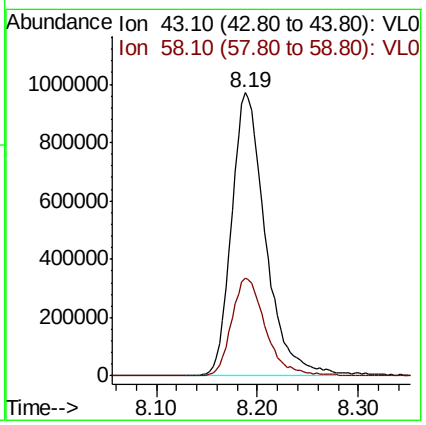


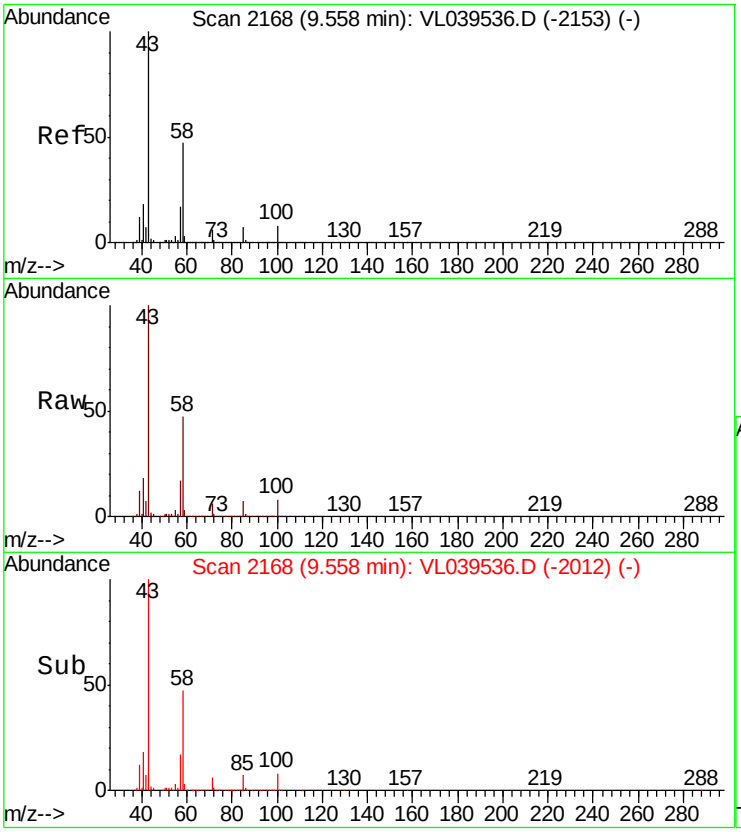


#50
4-Methyl-2-Pentanone
Concen: 10.140 ppbv
RT: 8.19 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 43 Resp: 2260293

Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.0	42.0



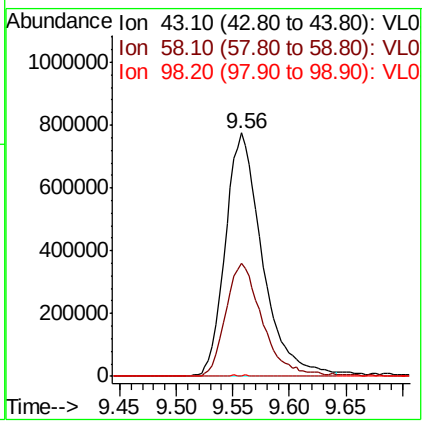


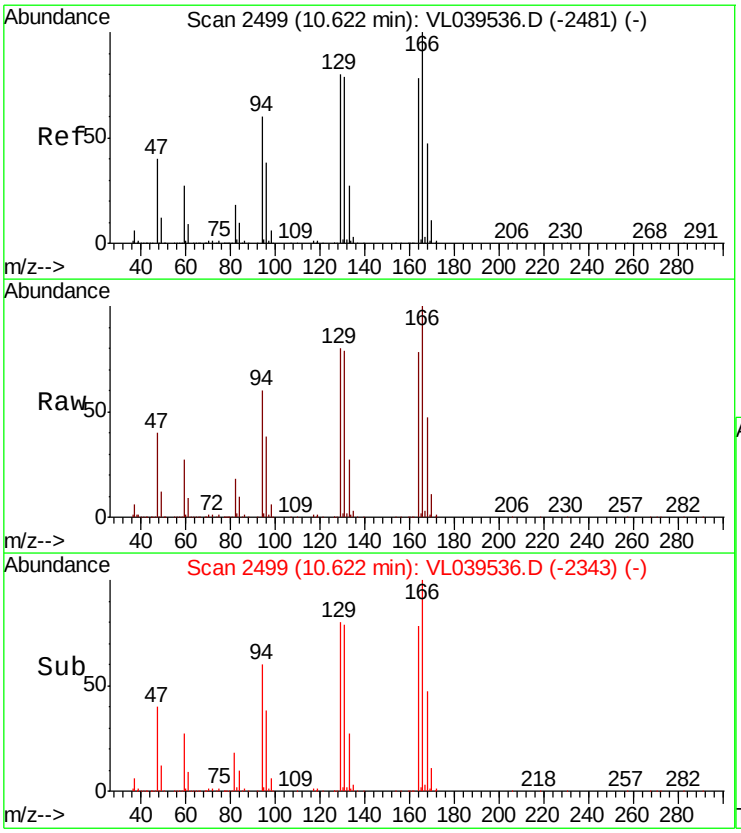
#51
2-Hexanone
Concen: 10.503 ppbv
RT: 9.56
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1765005

Ion	Ratio	Lower	Upper
43	100		
58	47.2	37.5	56.3
98	0.6	0.5	0.7

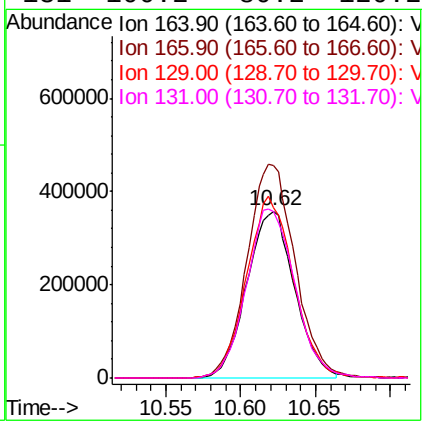


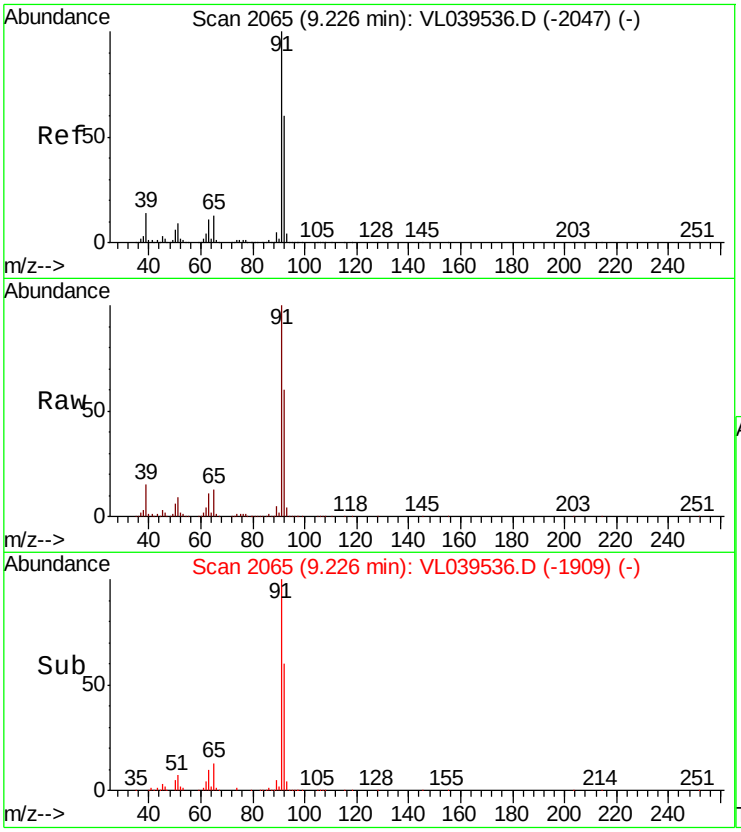


#52
Tetrachloroethene
Concen: 8.753 ppbv
RT: 10.62 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:164 Resp: 792029

Ion	Ratio	Lower	Upper
164	100		
166	127.5	102.0	153.0
129	102.1	81.7	122.5
131	100.2	80.2	120.2



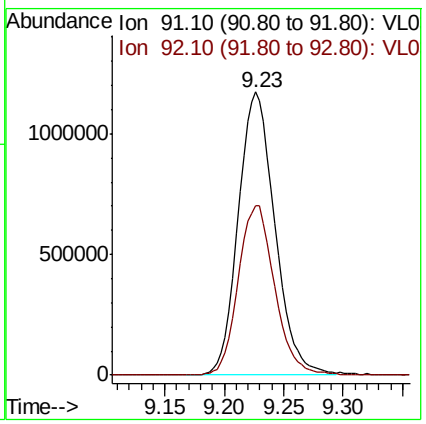


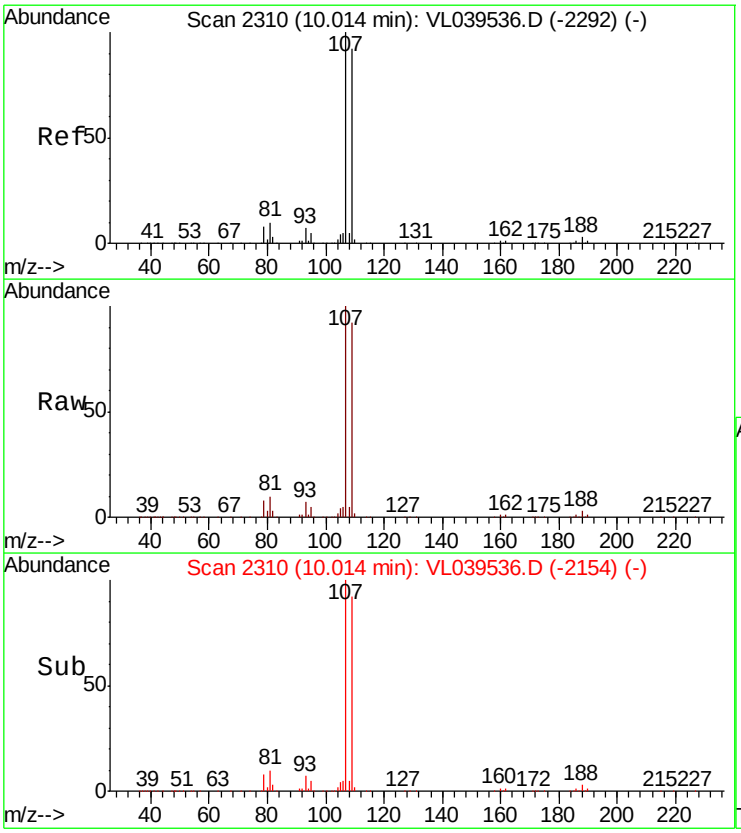
#53
Toluene
Concen: 9.640 ppbv
RT: 9.23
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2498456

Ion	Ratio	Lower	Upper
91	100		
92	60.0	47.9	71.9

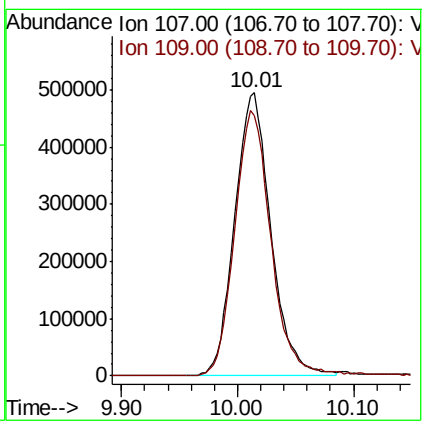


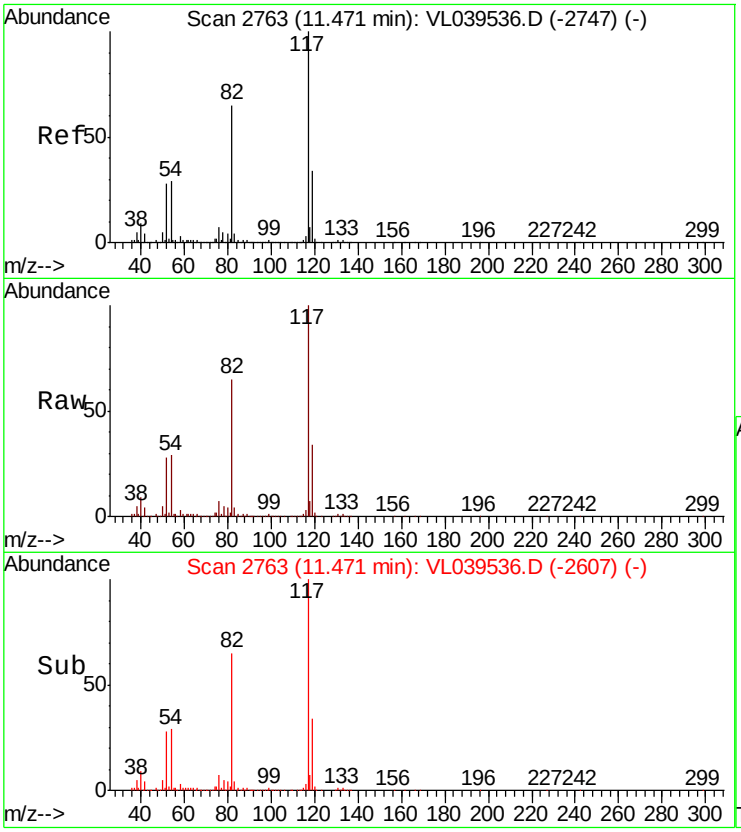


#54
1,2-Dibromoethane
Concen: 9.273 ppbv
RT: 10.01 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:107 Resp: 1073803

Ion	Ratio	Lower	Upper
107	100		
109	91.8	73.4	110.2



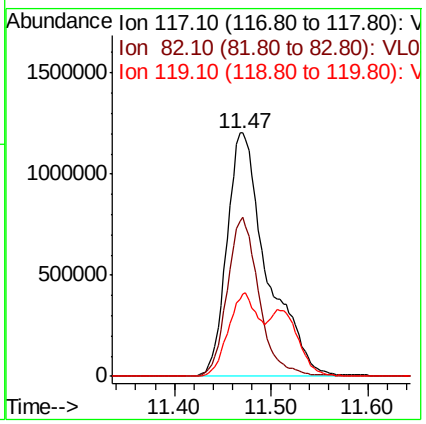


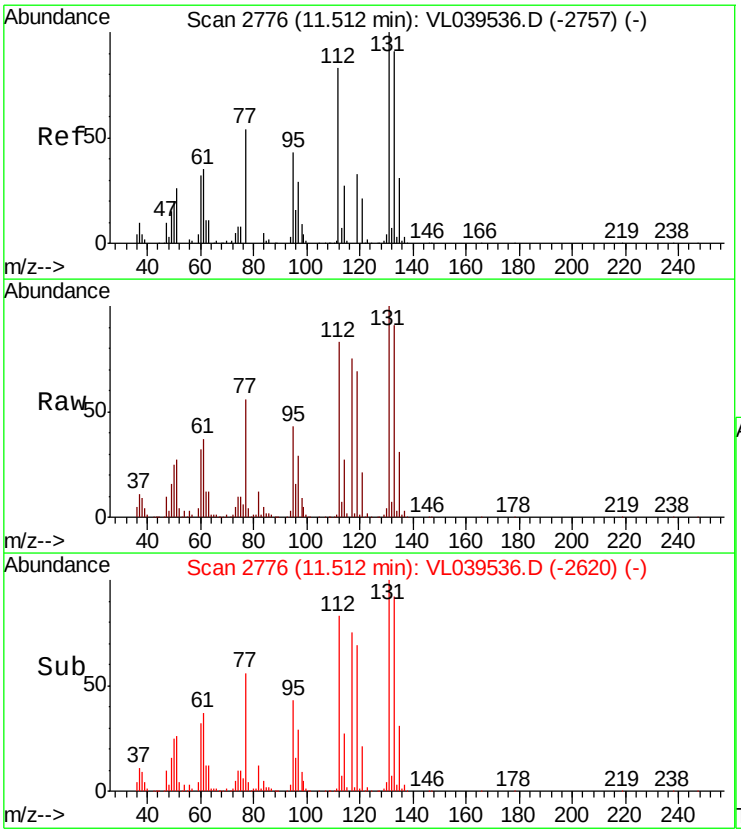
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.47
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 3473445

Ion	Ratio	Lower	Upper
117	100		
82	52.3	49.1	73.7
119	24.5	25.9	38.9#

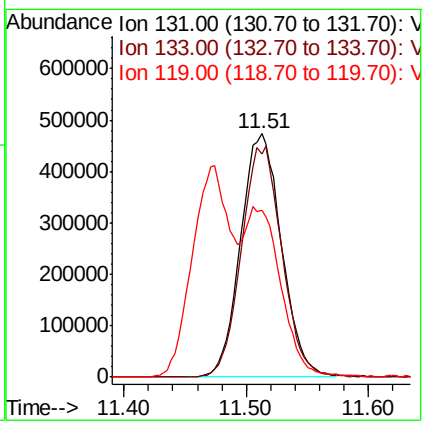


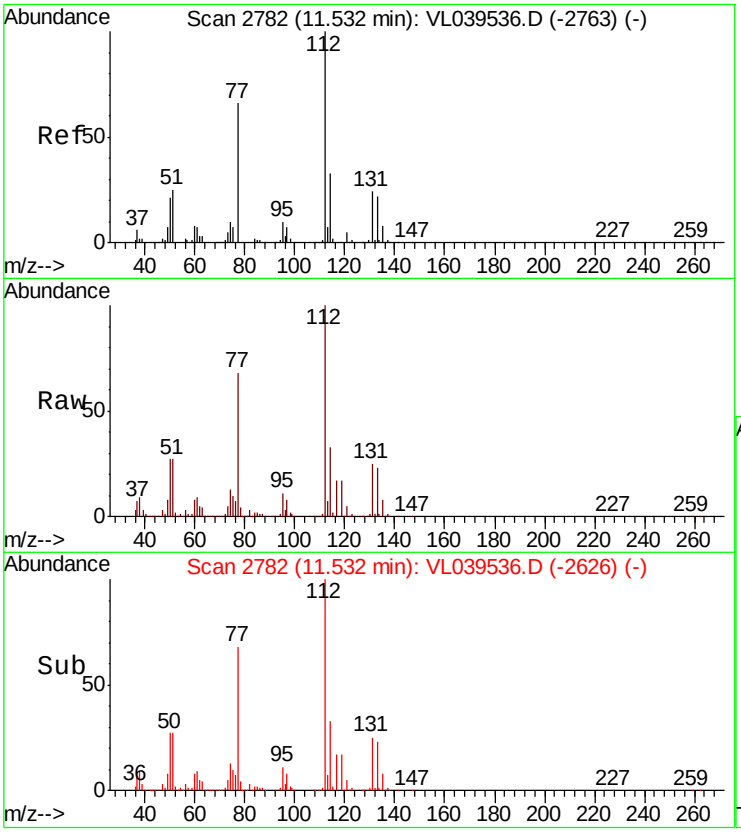


#56
1,1,1,2-Tetrachloroethane
Concen: 7.295 ppbv
RT: 11.51 min Scan# 2776
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:131 Resp: 1096470

Ion	Ratio	Lower	Upper
131	100		
133	94.2	75.4	113.2
119	63.3	47.4	71.2



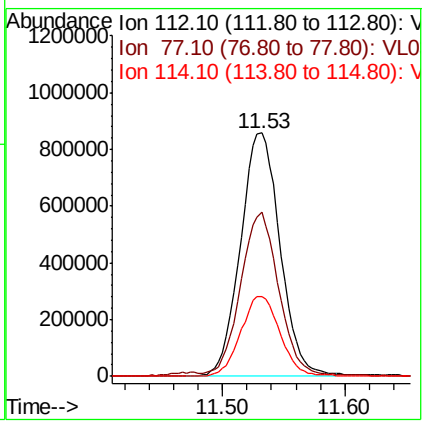


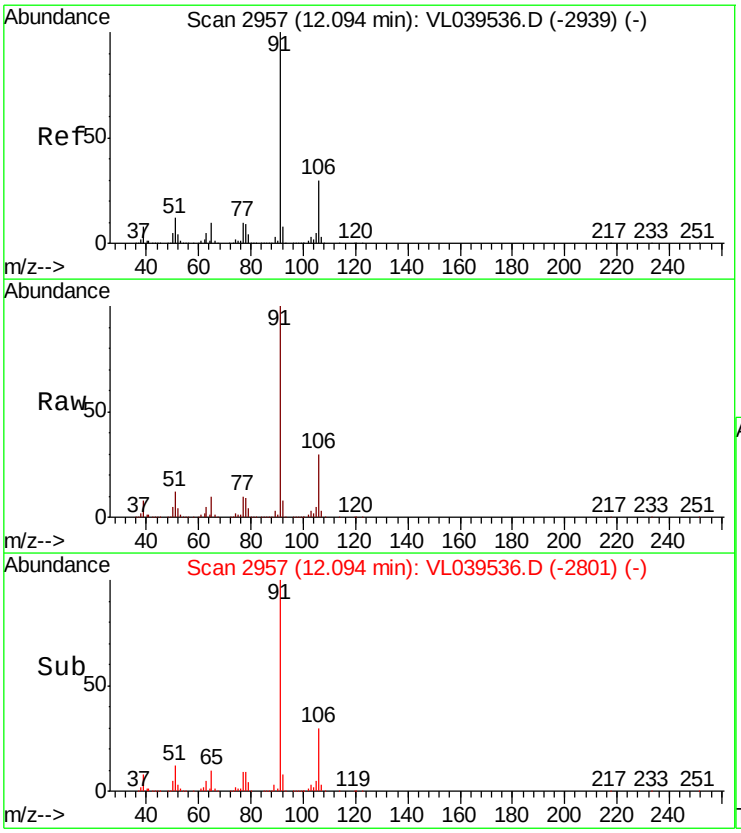
#57
Chlorobenzene
Concen: 7.256 ppbv
RT: 11.53
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 1920477

Ion	Ratio	Lower	Upper
112	100		
77	66.7	53.4	80.0
114	32.8	29.5	36.1

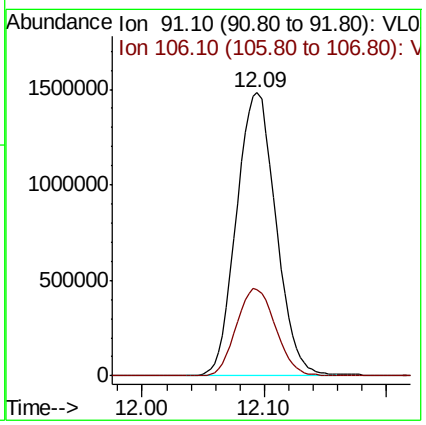


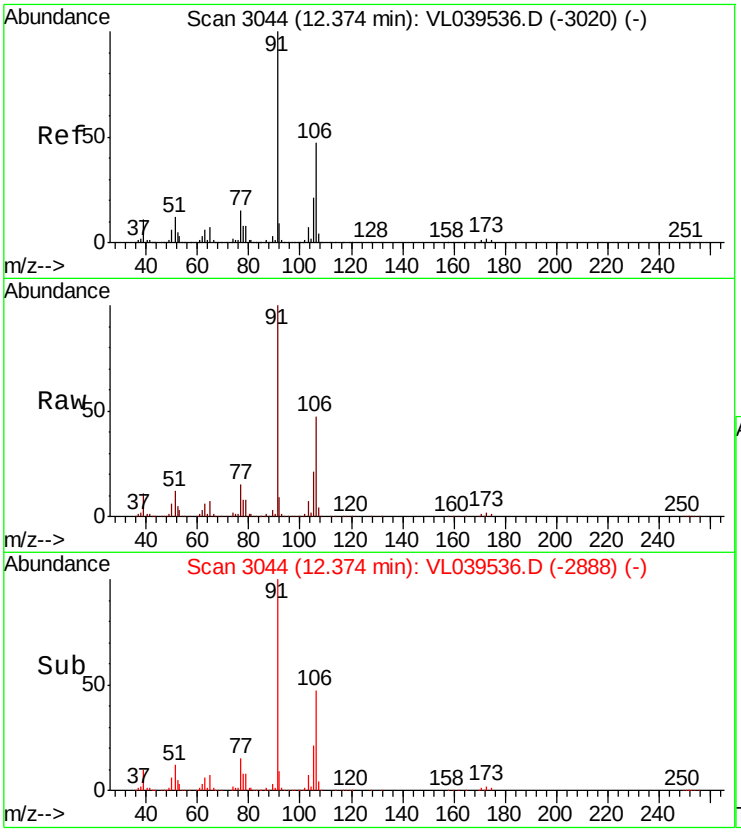


#58
Ethyl Benzene
Concen: 7.558 ppbv
RT: 12.09 min Scan# 2957
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 91 Resp: 3317590

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4



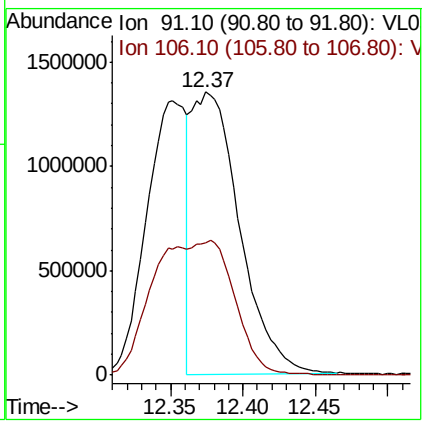


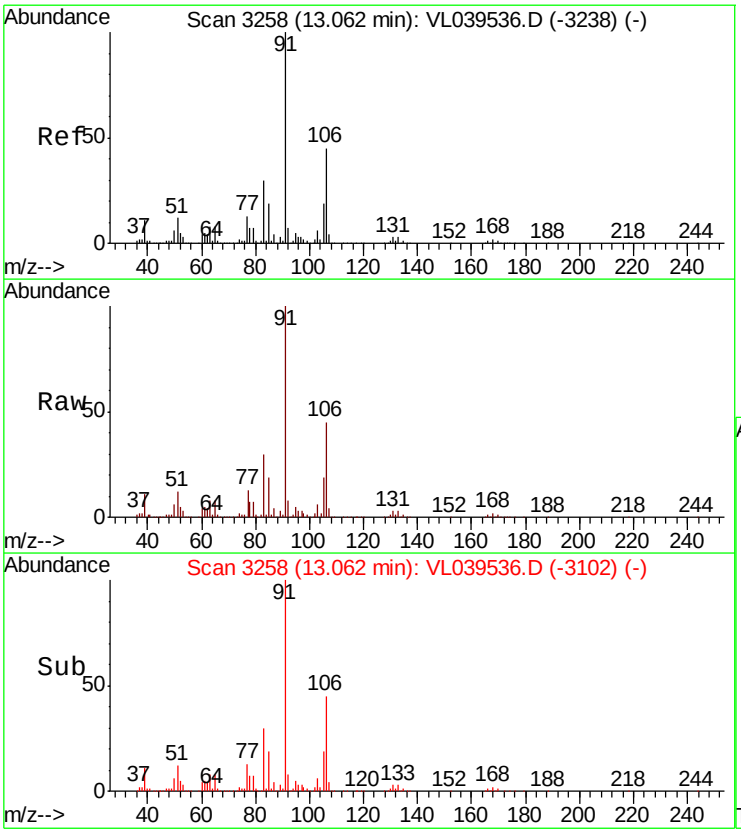
#59
m/p-Xylene
Concen: 7.989 ppbv
RT: 12.37
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 3086618

Ion	Ratio	Lower	Upper
91	100		
106	82.3	0.0	0.0#

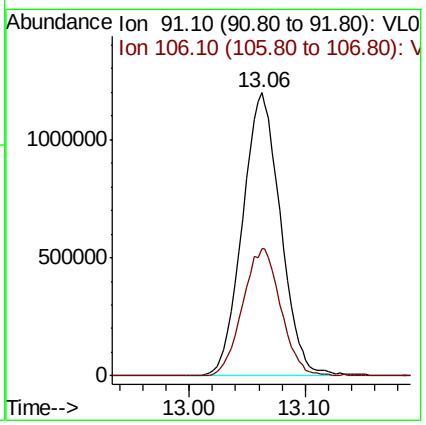


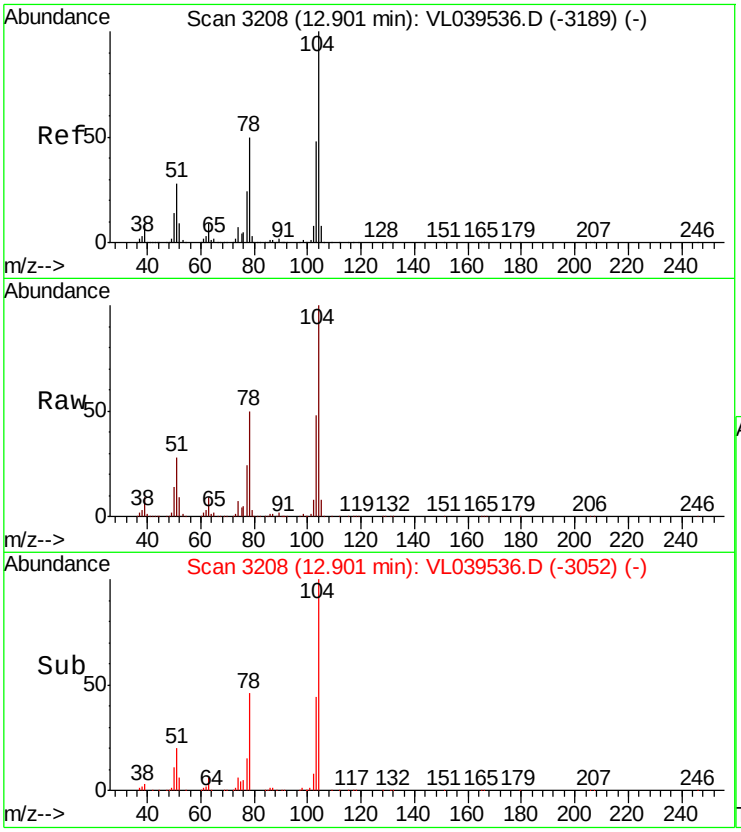


#60
o-Xylene
Concen: 7.463 ppbv
RT: 13.06 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 91 Resp: 2736043

Ion	Ratio	Lower	Upper
91	100		
106	45.4	22.7	68.0



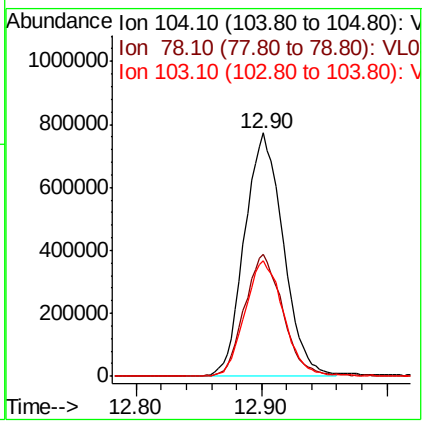


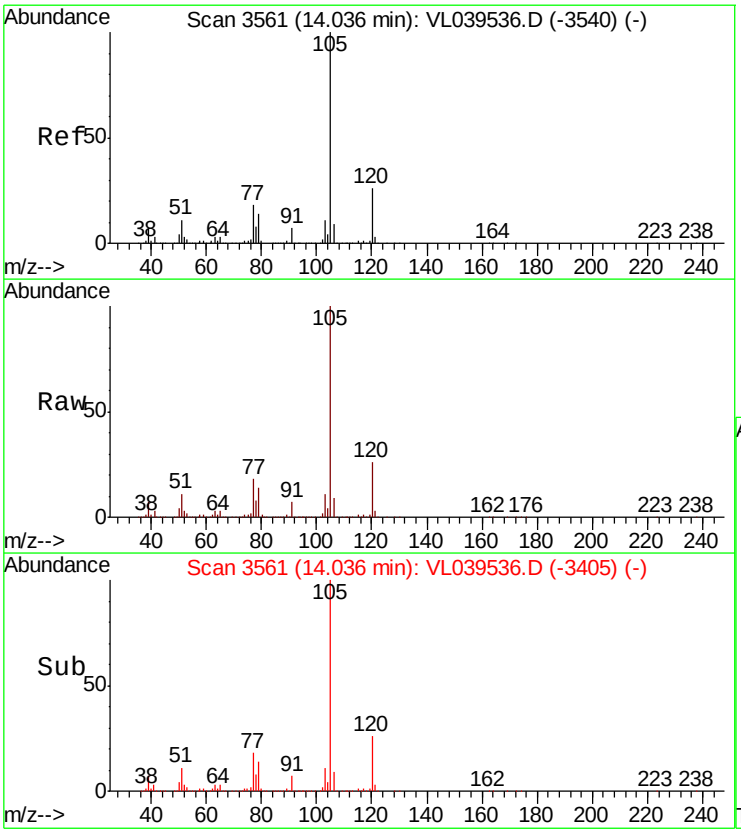
#61
Stvrene
Concen: 8.383 ppbv
RT: 12.90
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 1662448

Ion	Ratio	Lower	Upper
104	100		
78	50.0	40.0	60.0
103	47.7	38.2	57.2

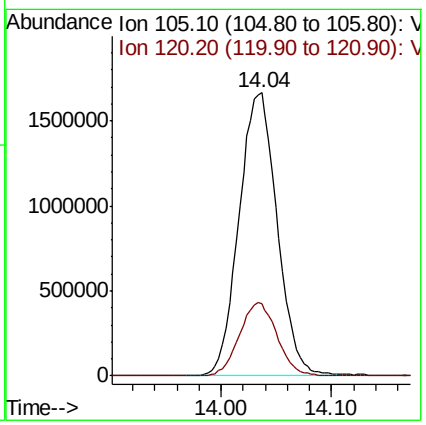


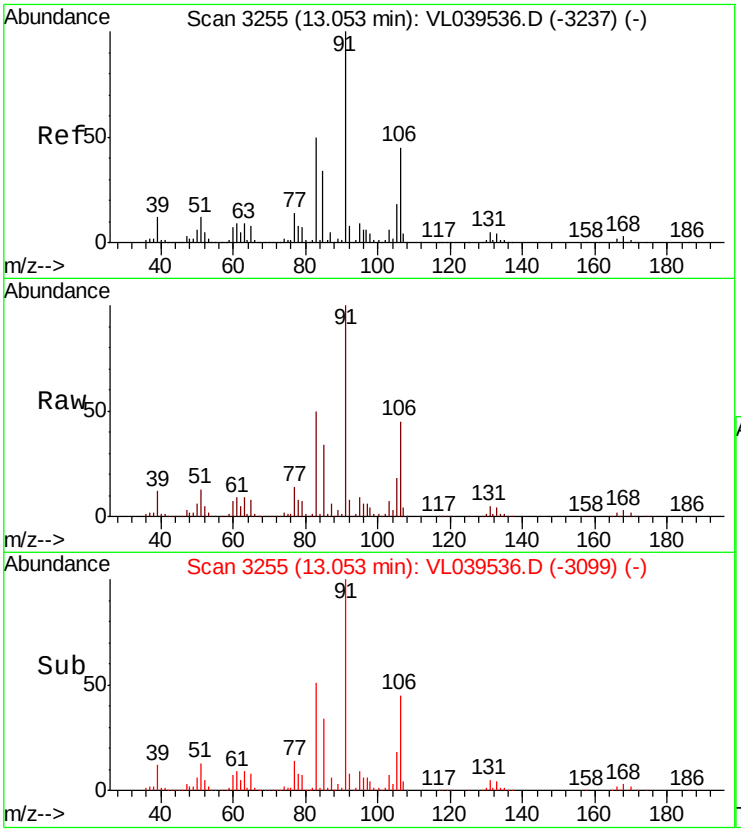


#62
Isopropylbenzene
Concen: 7.150 ppbv
RT: 14.04 min Scan# 3561
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:105 Resp: 3986764

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.6	30.8



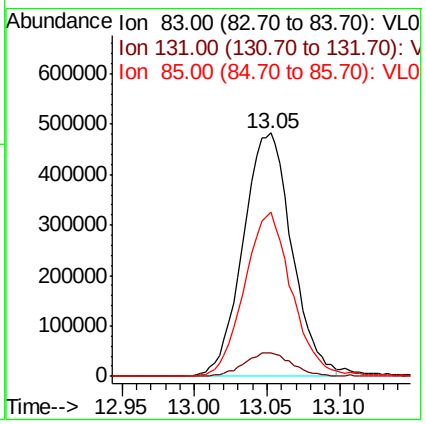


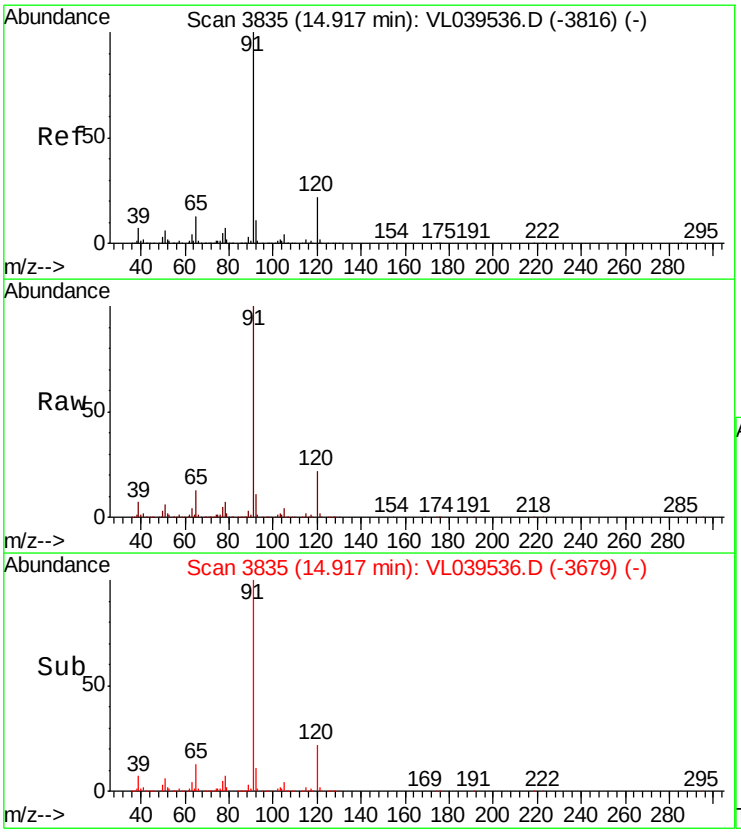
#63
1,1,2,2-Tetrachloroethane
Concen: 5.894 ppbv
RT: 13.05
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1125688

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	66.8	33.2	99.6

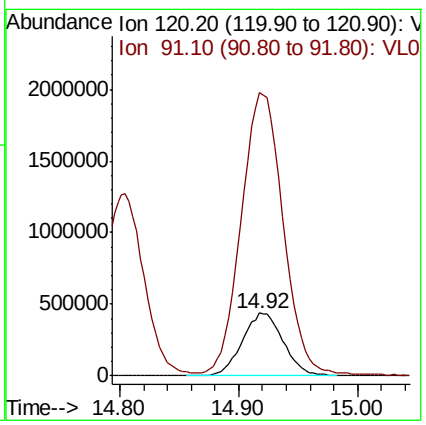


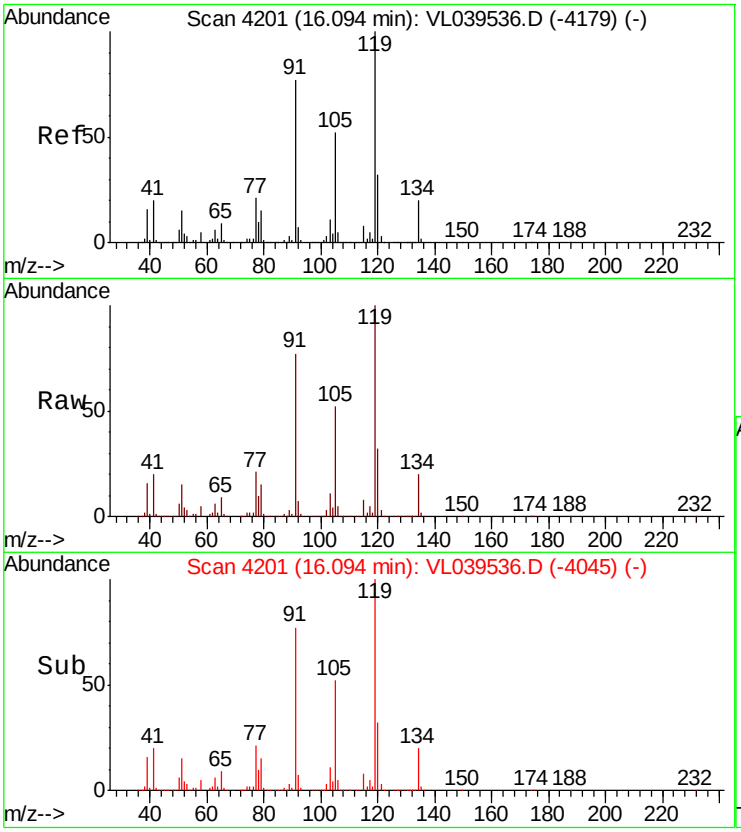


#64
n-propylbenzene
Concen: 7.414 ppbv
RT: 14.92 min Scan# 3835
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:120 Resp: 1044449

Ion	Ratio	Lower	Upper
120	100		
91	467.5	372.6	559.0



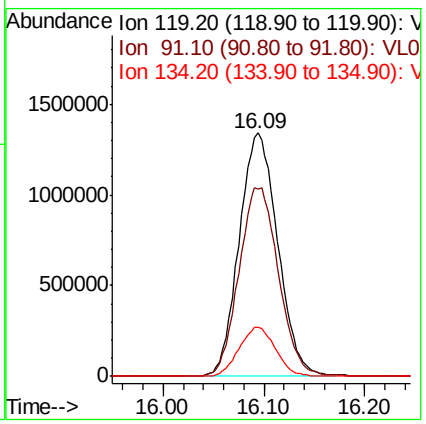


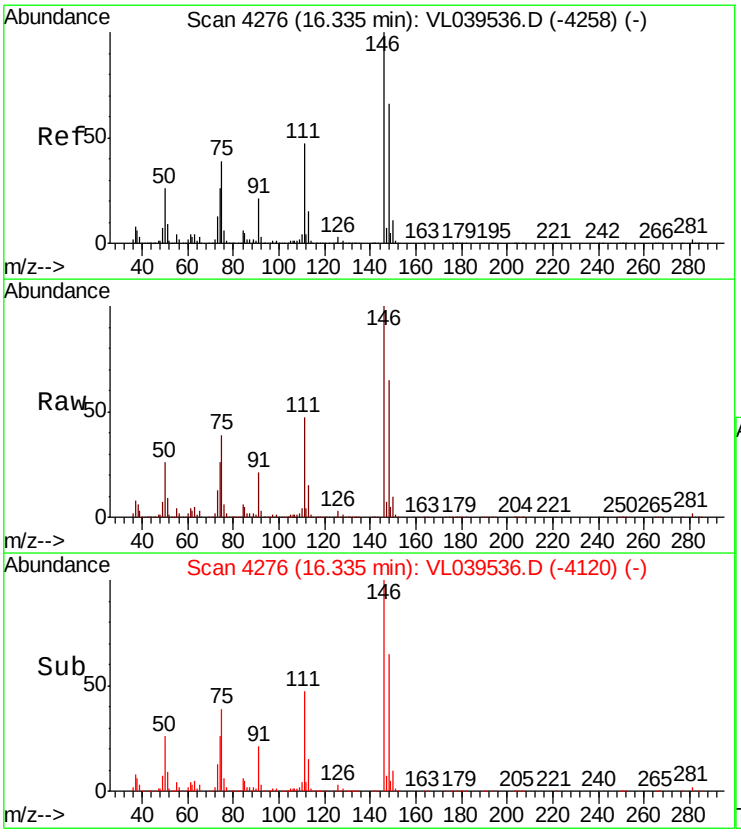
#65
tert-Butylbenzene
Concen: 6.927 ppbv
RT: 16.09
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 3553138

Ion	Ratio	Lower	Upper
119	100		
91	79.8	63.8	95.8
134	19.3	15.4	23.2

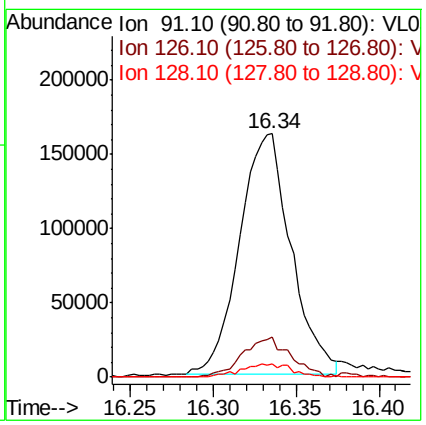


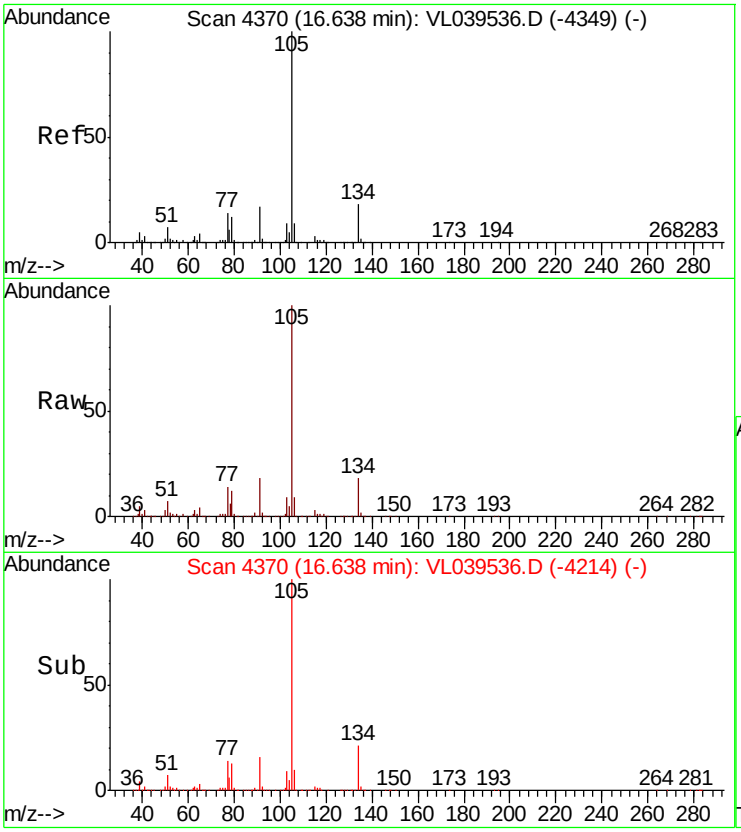


#66
Benzyl Chloride
Concen: 7.515 ppbv
RT: 16.34 min Scan# 4276
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 91 Resp: 349300

Ion	Ratio	Lower	Upper
91	100		
126	16.3	0.0	0.0#
128	5.5	1.5	2.3#



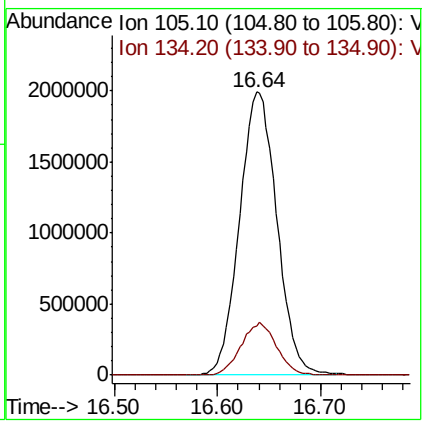


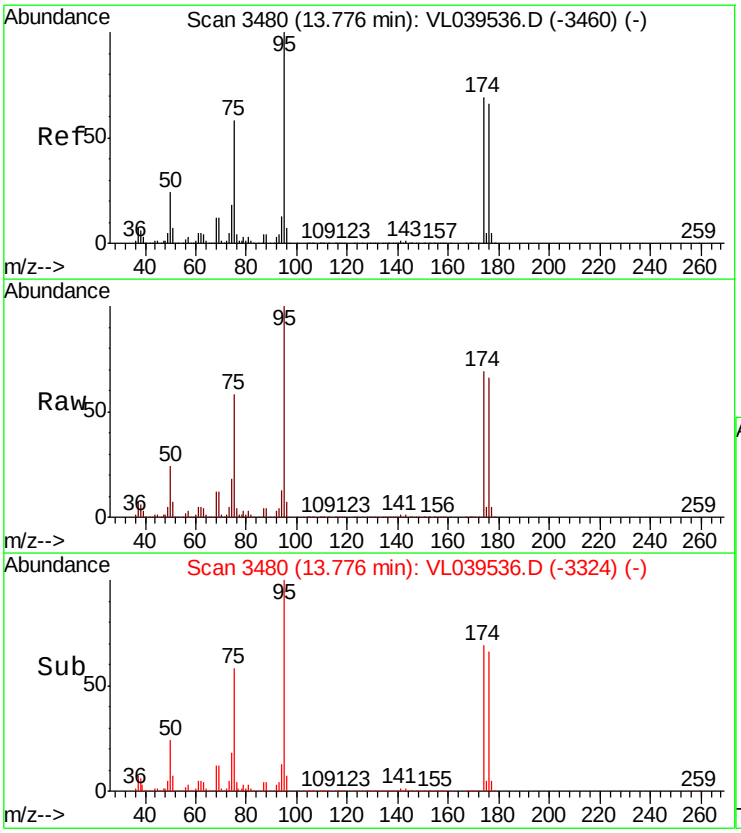
#67
sec-Butylbenzene
Concen: 7.214 ppbv
RT: 16.64
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 5001074

Ion	Ratio	Lower	Upper
105	100		
134	17.9	14.3	21.5

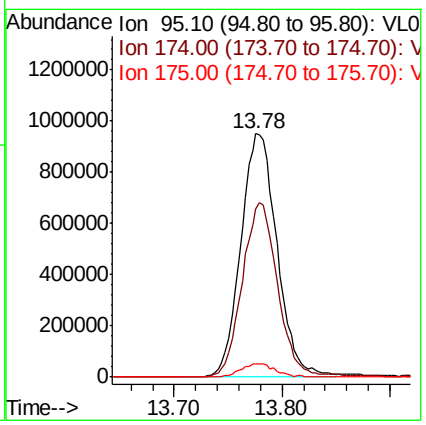


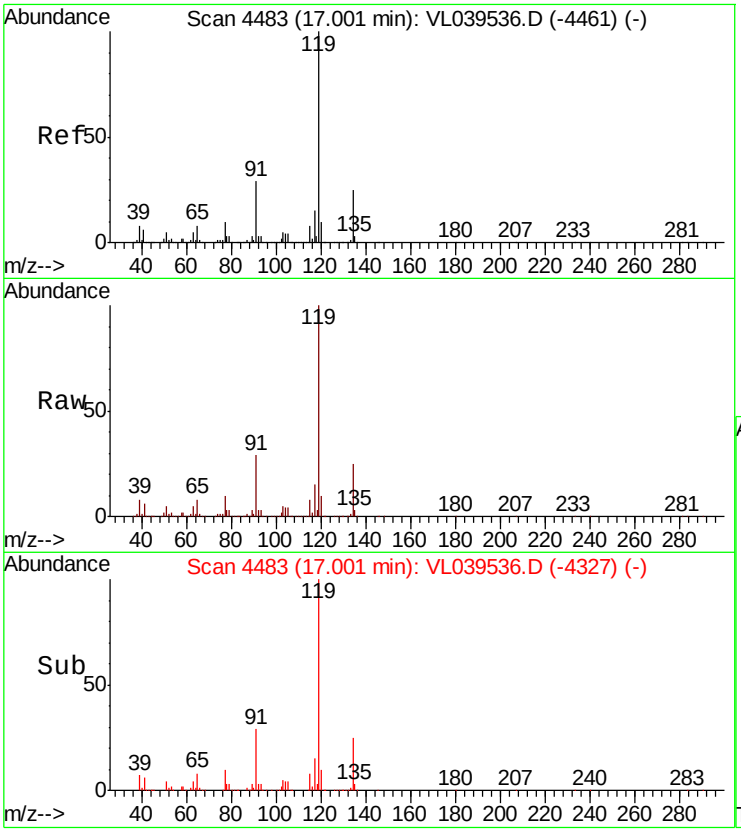


#68
1-Bromo-4-Fluorobenzene
Concen: 8.614 ppbv
RT: 13.78 min Scan# 3480
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 95 Resp: 2221520

Ion	Ratio	Lower	Upper
95	100		
174	70.8	56.3	84.5
175	5.4	4.3	6.5



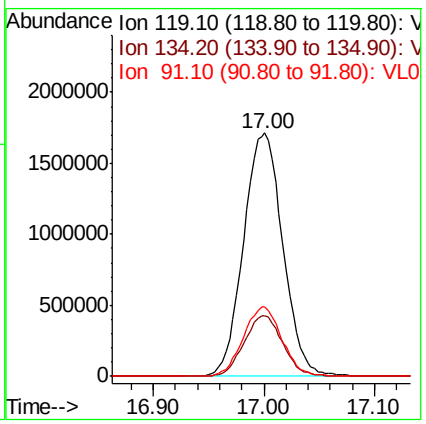


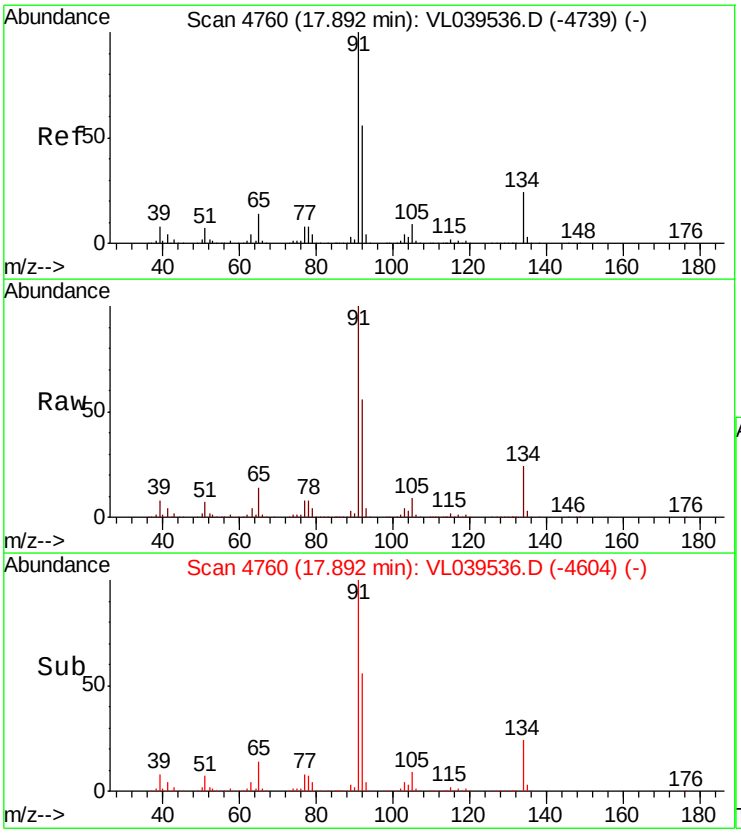
#69
p-Isopropyltoluene
Concen: 7.200 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 4217814

Ion	Ratio	Lower	Upper
119	100		
134	24.8	19.8	29.6
91	28.2	22.6	33.8

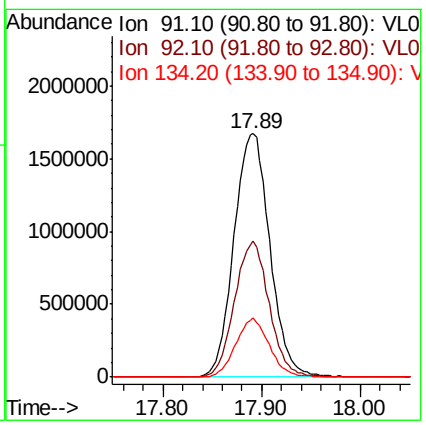


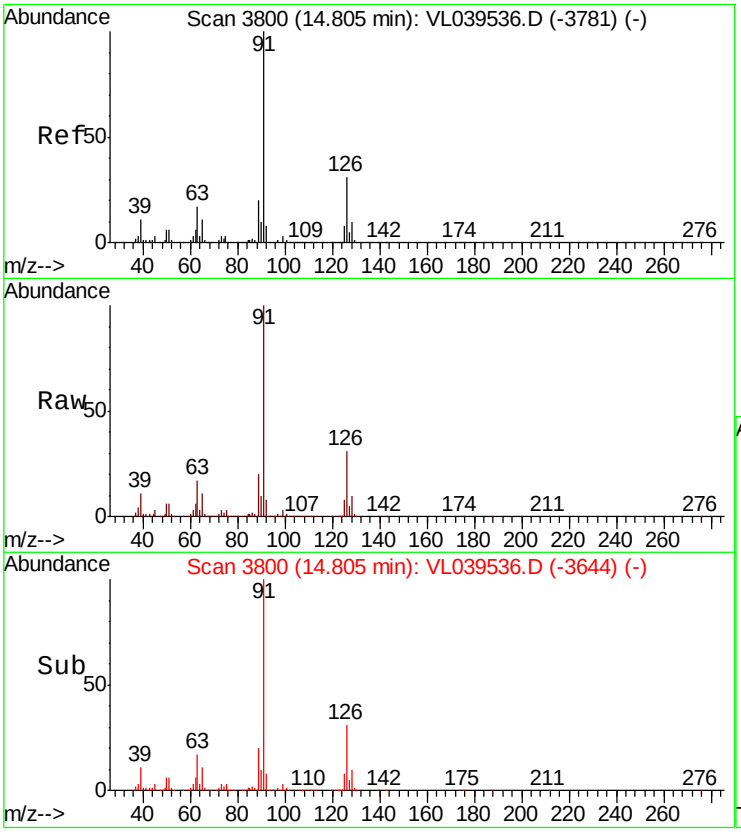


#70
n-Butylbenzene
Concen: 7.408 ppbv
RT: 17.89 min Scan# 4760
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion: 91 Resp: 4222815

Ion	Ratio	Lower	Upper
91	100		
92	53.8	43.0	64.6
134	22.6	18.1	27.1



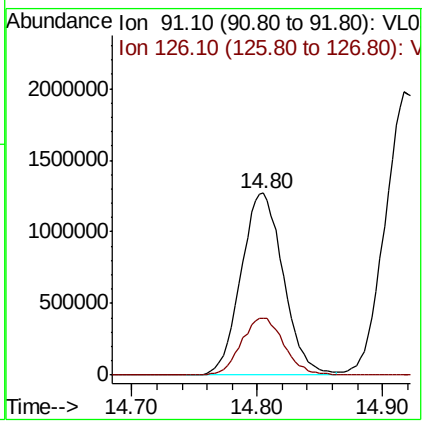


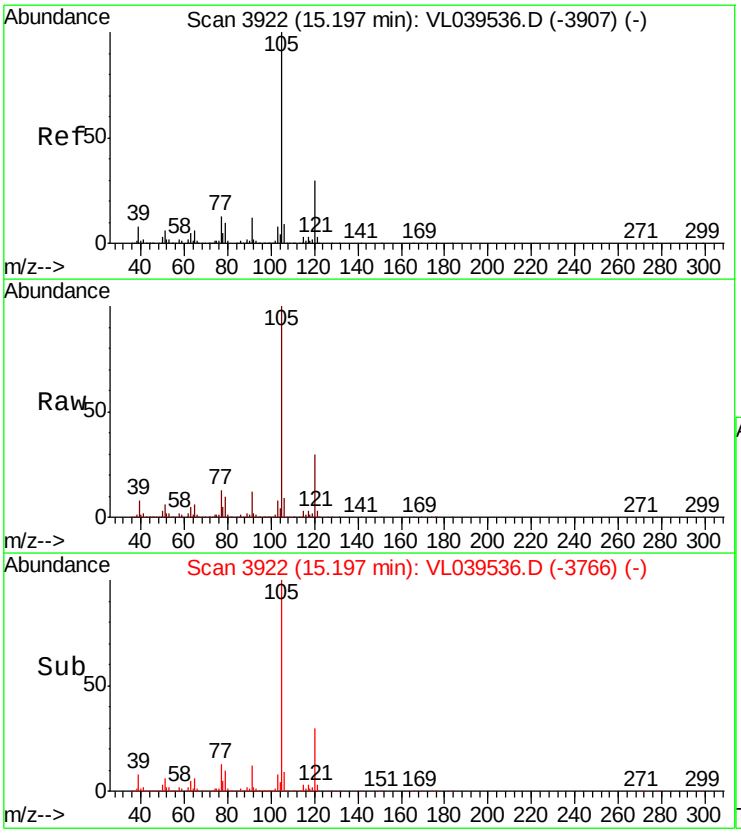
#71
2-Chlorotoluene
Concen: 7.452 ppbv
RT: 14.80
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2978767

Ion	Ratio	Lower	Upper
91	100		
126	31.8	12.9	51.5

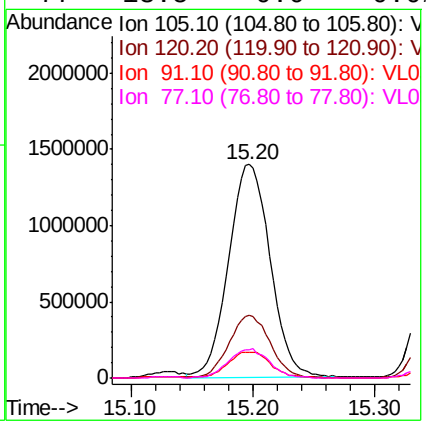


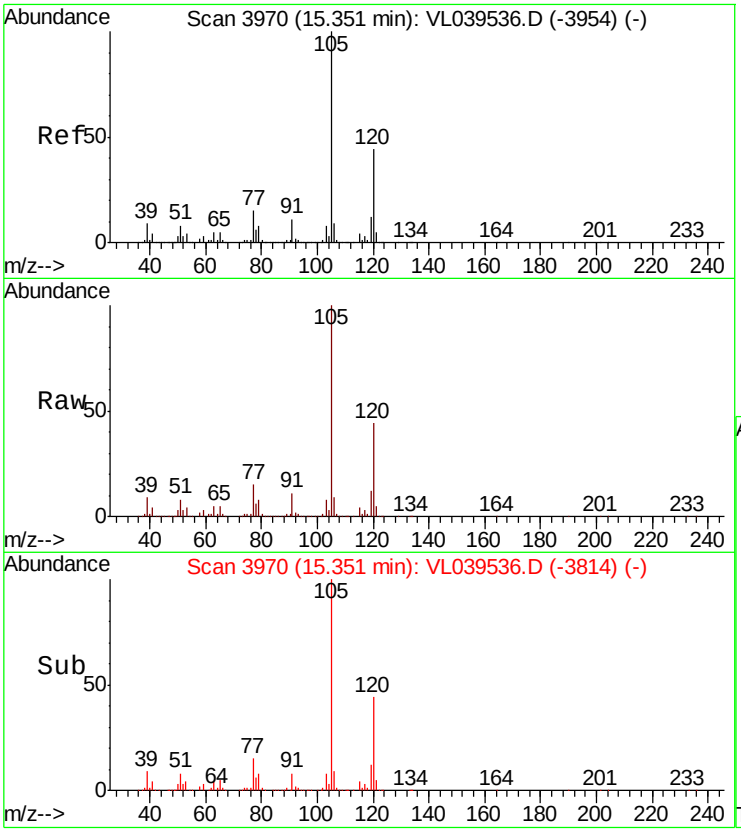


#72
4-Ethyltoluene
Concen: 7.610 ppbv
RT: 15.20 min Scan# 3922
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:105 Resp: 3288038

Ion	Ratio	Lower	Upper
105	100		
120	30.1	0.0	0.0#
91	12.8	0.0	0.0#
77	13.5	0.0	0.0#



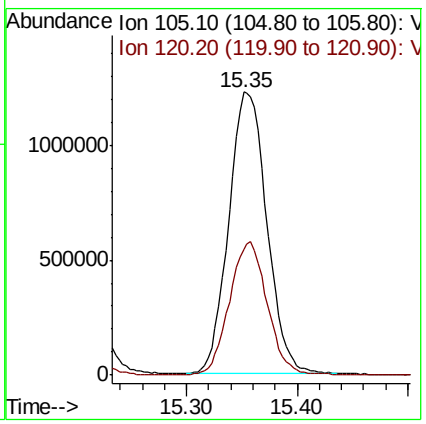


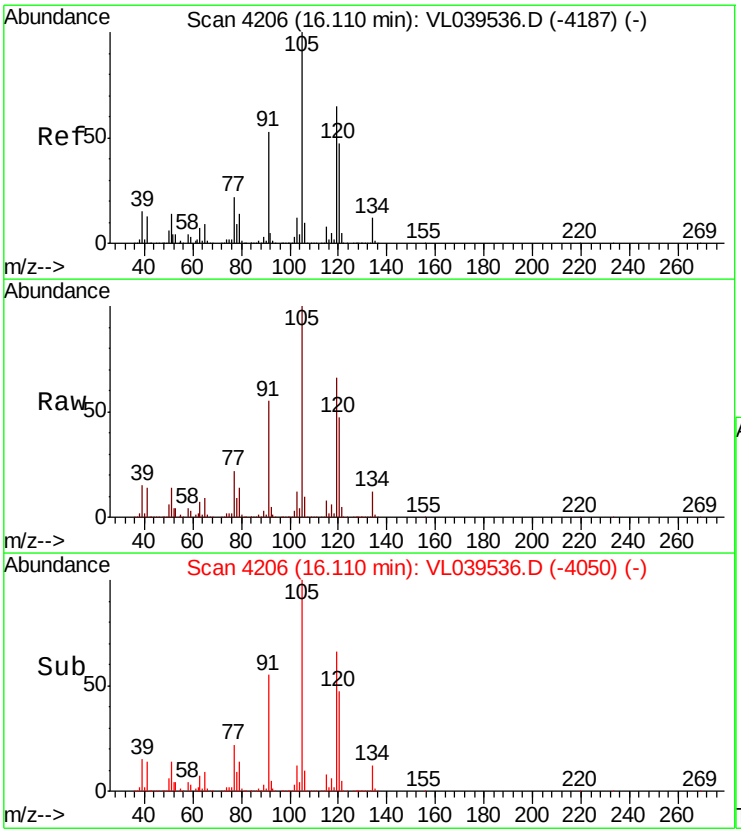
#73
1,3,5-Trimethylbenzene
Concen: 7.433 ppbv
RT: 15.35
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 2937128

Ion	Ratio	Lower	Upper
105	100		
120	44.4	35.4	53.2

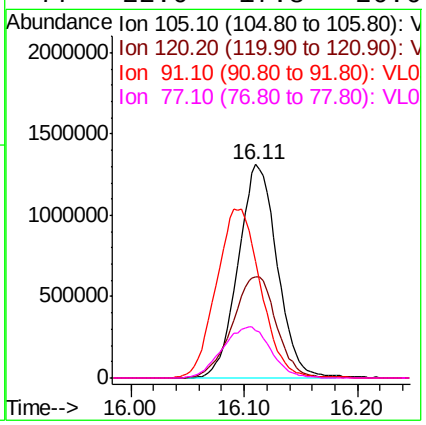


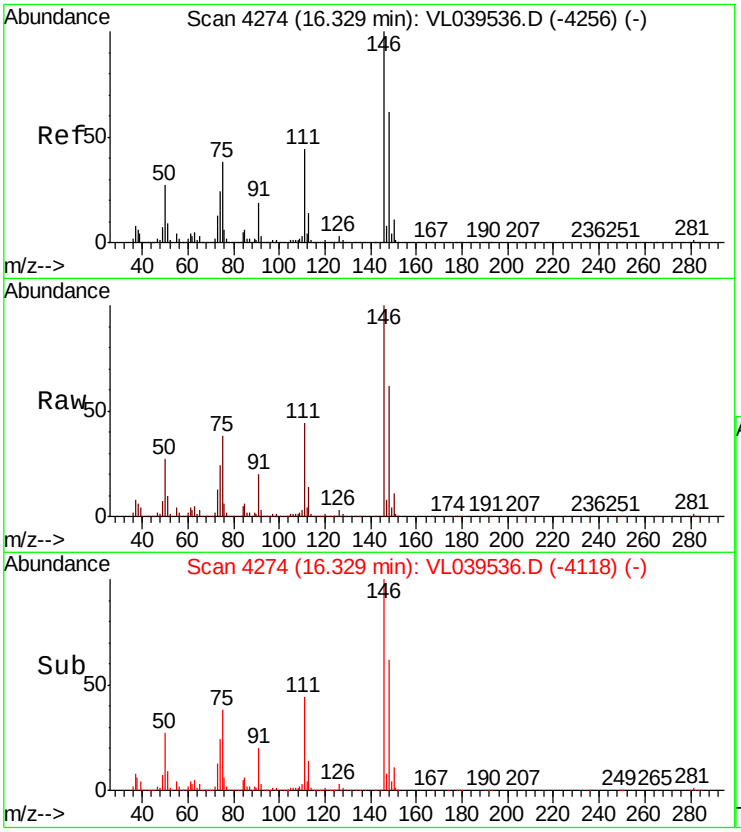


#74
1,2,4-Trimethylbenzene
Concen: 7.204 ppbv
RT: 16.11 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:105 Resp: 3138370

Ion	Ratio	Lower	Upper
105	100		
120	47.1	37.8	56.8
91	54.4	43.8	65.6
77	22.0	17.8	26.6



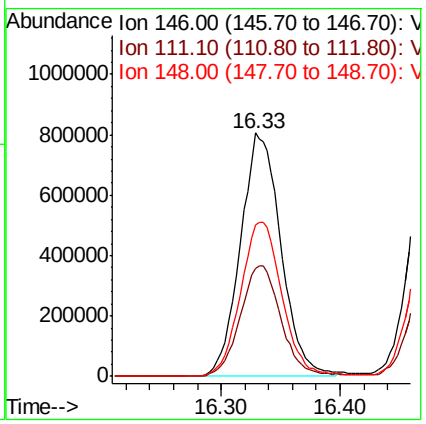


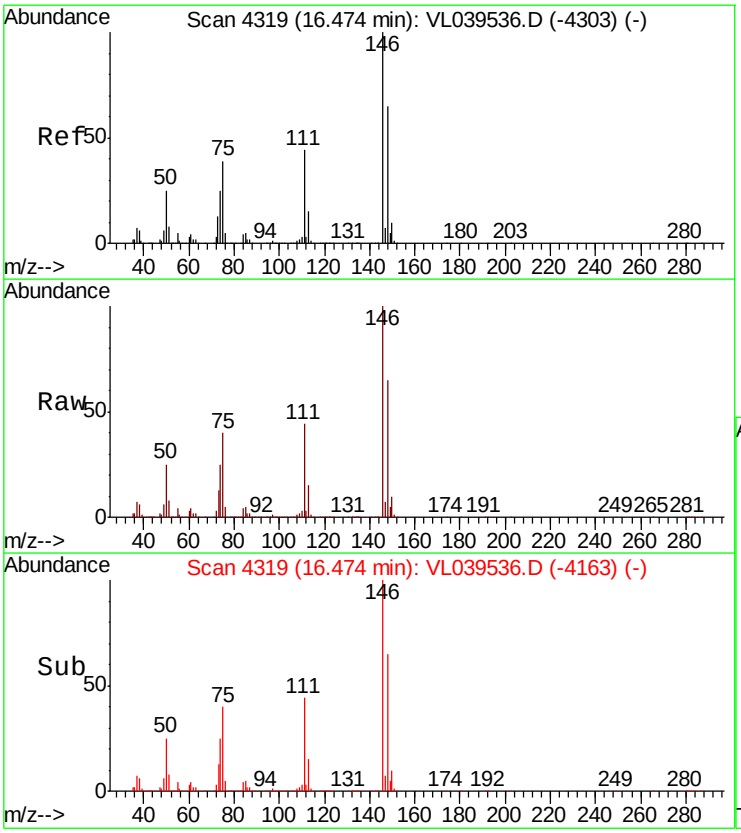
#75
1,3-Dichlorobenzene
Concen: 7.308 ppbv
RT: 16.33
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 1898543

Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.9	68.5
148	64.8	32.4	97.0

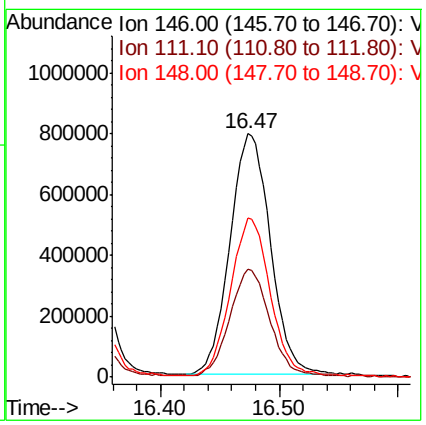


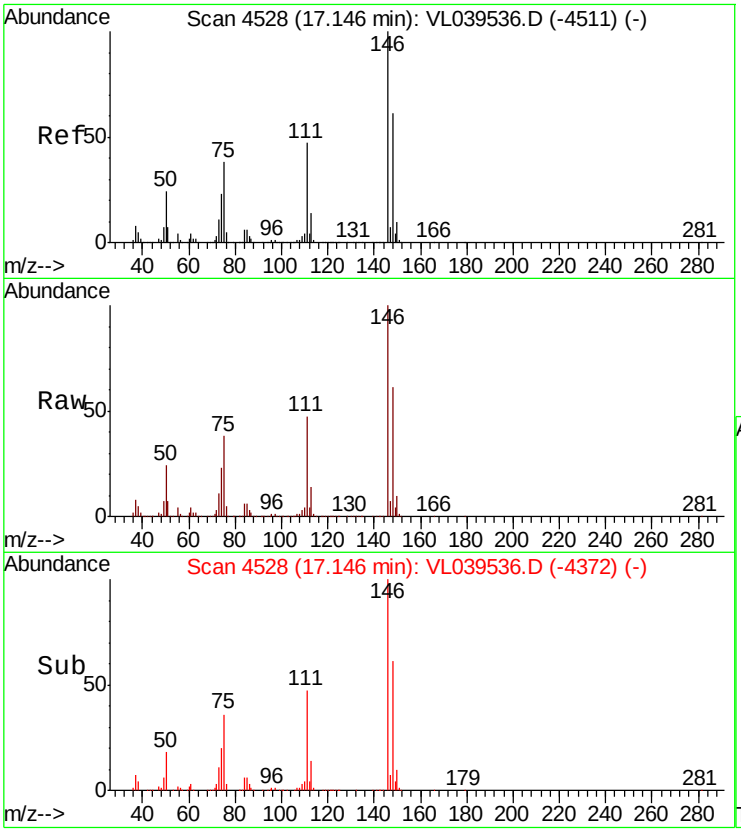


#76
1,4-Dichlorobenzene
Concen: 7.181 ppbv
RT: 16.47 min Scan# 4319
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:146 Resp: 1870985

Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.3	66.8
148	66.0	31.5	94.5



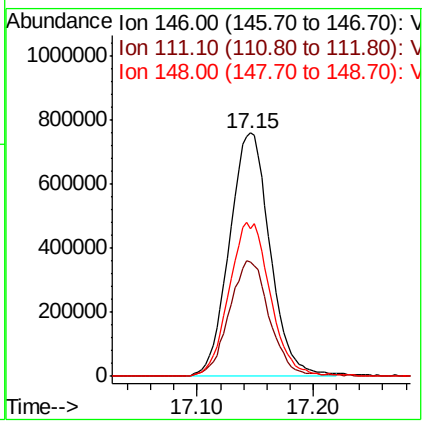


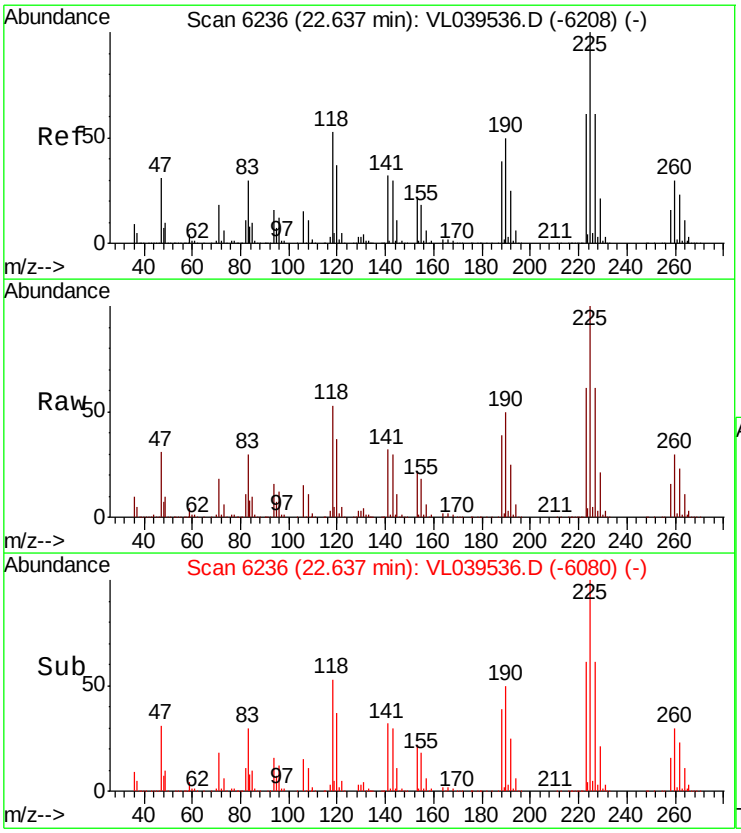
#77
1,2-Dichlorobenzene
Concen: 7.119 ppbv
RT: 17.15
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 1829388

Ion	Ratio	Lower	Upper
146	100		
111	48.1	23.9	71.8
148	64.9	32.6	97.7

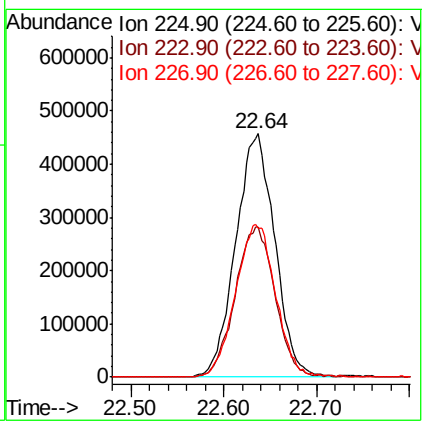


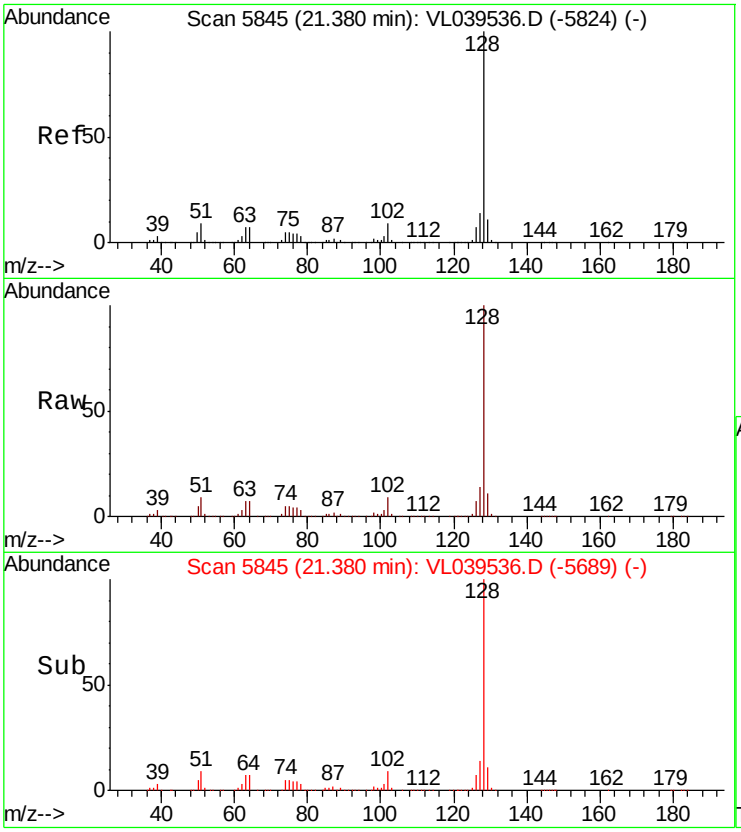


#78
Hexachloro-1,3-Butadiene
Concen: 6.399 ppbv
RT: 22.64 min Scan# 6236
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:225 Resp: 1332128

Ion	Ratio	Lower	Upper
225	100		
223	63.3	0.0	0.0#
227	64.6	0.0	0.0#



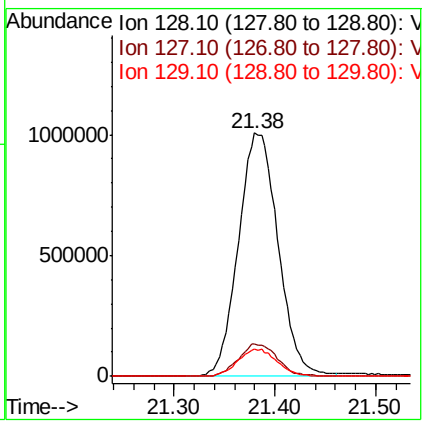


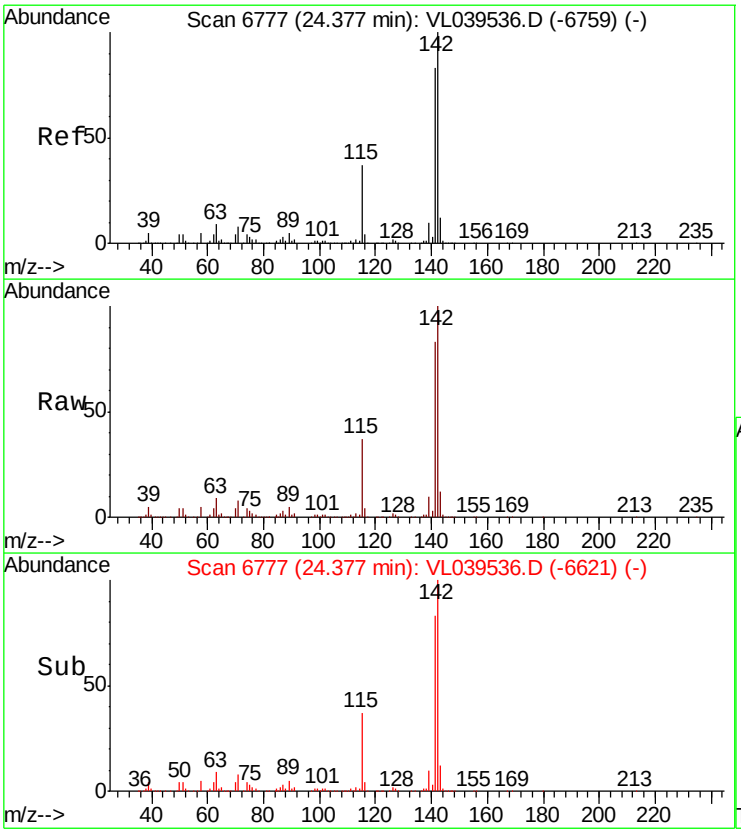
#79
Naphthalene
Concen: 9.095 ppbv
RT: 21.38
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 2750843

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.4	9.1	13.7

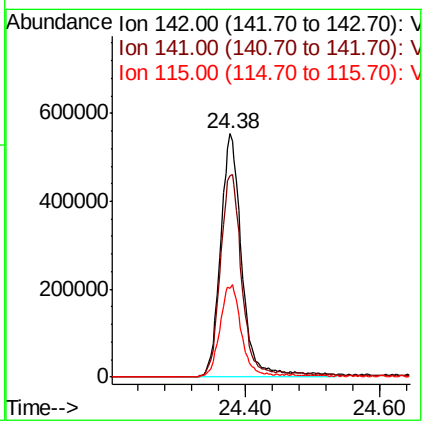


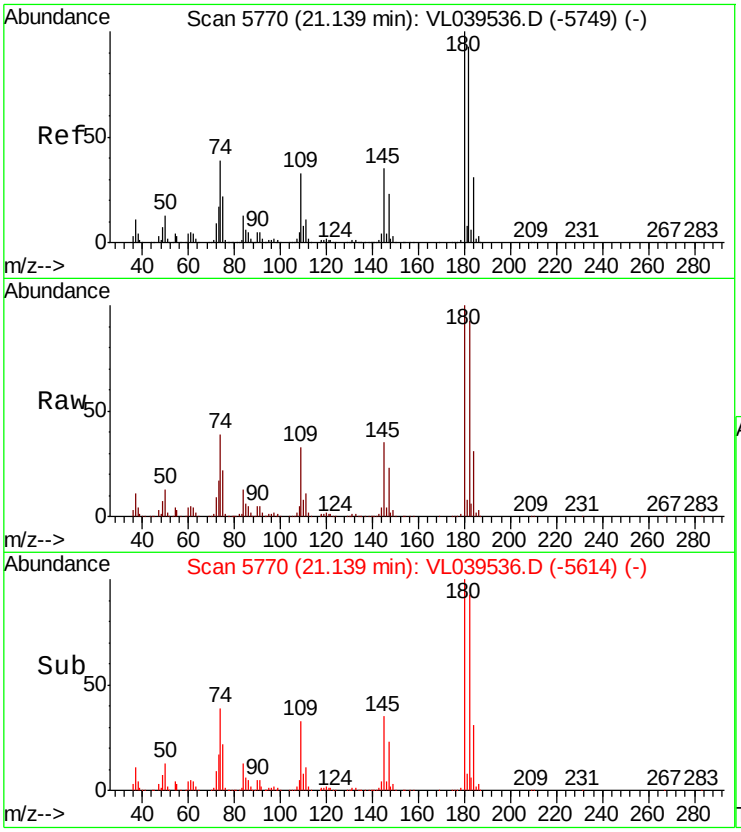


#80
Naphthalene,2-methyl-
Concen: 11.424 ppbv
RT: 24.38 min Scan# 6777
Delta R.T. 0.00 min
Lab File: VL039536.D
Acq: 17 Aug 2022 3:37

Tgt Ion:142 Resp: 1235052

Ion	Ratio	Lower	Upper
142	100		
141	83.0	0.0	0.0#
115	38.7	0.0	0.0#





#81
1,2,4-Trichlorobenzene
Concen: 7.807 ppbv
RT: 21.14
Delta R.T
Lab File:
Acq: 17 Aug 2022 3:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 1532036

Ion	Ratio	Lower	Upper
180	100		
182	98.0	0.0	0.0#
184	31.0	0.0	0.0#