Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039548.D
Acq On : 17 Aug 2022 14:48
Operator : SY/AP
Sample : VL0817ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0817ABS02

Quant Time: Aug 18 05:35:51 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
QLast Update : Wed Aug 17 12:06:24 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.20	49	1120582	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2918070	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2862988	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.78	95	2144573	9.95	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.75	85	1278503	8.488	ppbv	100
3) Chlorodifluoromethane	2.70	51	1213315	9.034	ppbv	98
4) Chloromethane	2.83	50	728940	9.077	ppbv	98
5) Vinyl Chloride	2.94	62	628807	9.081	ppbv	100
6) Bromomethane	3.14	94	252530	8.907	ppbv	99
7) Chloroethane	3.22	64	233904	9.488	ppbv	98
8) Dichlorotetrafluoroethane	2.88	85	1460933	9.033	ppbv	100
9) Propene	2.72	41	582424	9.519	ppbv	99
10) Heptane	7.59	43	1400263	9.853	ppbv	100
11) Trichlorofluoromethane	3.58	101	1461108	8.832	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.09	101	1089190	8.912	ppbv	98
13) Ethanol	3.26	45	50743	11.524	ppbv	86
14) Bromoethene	3.39	108	463424	9.279	ppbv	97
15) Acetone	3.49	43	1126119	8.895	ppbv	99
16) 1,3-Butadiene	3.01	39	582099	8.853	ppbv	93
17) tert-Butyl alcohol	3.90	59	1057691	9.783	ppbv	99
18) 1,1-Dichloroethene	3.90	96	495321	8.989	ppbv	98
19) Isopropyl Alcohol	3.59	45	635404	10.269	ppbv #	100
20) Methylene Chloride	3.95	84	405339	7.863	ppbv	95
21) Allyl Chloride	4.01	41	782653	9.514	ppbv	99
22) trans-1,2-Dichloroethene	4.46	96	491835	8.984	ppbv	96
23) Vinyl Acetate	4.64	43	582687	9.154	ppbv #	97
24) 1,1-Dichloroethane	4.58	63	1031690	9.210	ppbv	100
25) Ethyl Acetate	5.22	43	2545434	9.430	ppbv	99
26) Hexane	5.22	57	1021808	9.231	ppbv	99
27) Carbon Disulfide	4.14	76	1234512	10.453	ppbv	98
28) Methyl tert-Butyl Ether	4.60	73	894890	9.194	ppbv	99
29) Chloroform	5.29	83	1558726	8.996	ppbv	97
30) Cyclohexane	6.61	84	860647	9.363	ppbv #	100
31) cis-1,2-Dichloroethene	5.09	61	1016948	9.501	ppbv	99
32) 1,1,1-Trichloroethane	6.01	97	1515739	9.327	ppbv	99
34) 2-Butanone	4.80	43	1439513	9.812	ppbv	99
35) Carbon Tetrachloride	6.50	117	1564690	9.531	ppbv	98
36) Benzene	6.38	78	2179831	9.801	ppbv	99
37) 1,2-Dichloroethane	5.82	62	1161203	9.398	ppbv	100
38) Trichloroethene	7.30	130	1192426	9.870	ppbv	96
39) 1,2-Dichloropropane	7.08	63	835462	10.023	ppbv	97
40) 1,4-Dioxane	7.30	88	324918	9.825	ppbv	97
41) Tetrahydrofuran	5.57	42	891563	10.330	ppbv	99
42) Bromodichloromethane	7.26	83	1660069	9.831	ppbv	98
43) Methyl Methacrylate	7.49	69	853307	10.596	ppbv	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039548.D
Acq On : 17 Aug 2022 14:48
Operator : SY/AP
Sample : VL0817ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0817ABS02

Quant Time: Aug 18 05:35:51 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
QLast Update : Wed Aug 17 12:06:24 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.34	57	3649794	9.741	ppbv		99
45) t-1,3-Dichloropropene	8.72	75	837357	11.823	ppbv		98
46) cis-1,3-Dichloropropene	8.15	75	1127825	11.573	ppbv		97
47) 1,1,2-Trichloroethane	8.91	97	892371	9.343	ppbv		100
48) Dibromochloromethane	9.72	129	1461258	10.290	ppbv		99
49) Bromoform	12.41	173	1213300	10.328	ppbv	#	100
50) 4-Methyl-2-Pentanone	8.19	43	2274848	10.078	ppbv		99
51) 2-Hexanone	9.56	43	1761249	10.586	ppbv	#	99
52) Tetrachloroethene	10.62	164	811038	9.310	ppbv		97
53) Toluene	9.23	91	2538568	10.188	ppbv		100
54) 1,2-Dibromoethane	10.01	107	1078304	9.897	ppbv		96
56) 1,1,1,2-Tetrachloroethane	11.51	131	1068598	9.068	ppbv		99
57) Chlorobenzene	11.53	112	1917923	8.910	ppbv		97
58) Ethyl Benzene	12.09	91	3314667	9.998	ppbv		100
59) m/p-Xylene	12.38	91	2884769	9.678	ppbv	#	100
60) o-Xylene	13.06	91	2672017	9.349	ppbv		99
61) Styrene	12.90	104	1644528	10.786	ppbv		100
62) Isopropylbenzene	14.04	105	3904031	9.027	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.05	83	1096781	7.632	ppbv		100
64) n-propylbenzene	14.92	120	1003500	8.898	ppbv		97
65) tert-Butylbenzene	16.10	119	3414586	8.855	ppbv		100
66) Benzyl Chloride	16.33	91	314679	9.510	ppbv	#	90
67) sec-Butylbenzene	16.64	105	4773275	8.765	ppbv		100
69) p-Isopropyltoluene	17.00	119	4021656	8.865	ppbv		100
70) n-Butylbenzene	17.89	91	3972433	8.820	ppbv		100
71) 2-Chlorotoluene	14.80	91	2868196	9.151	ppbv		99
72) 4-Ethyltoluene	15.20	105	3145866	9.369	ppbv	#	100
73) 1,3,5-Trimethylbenzene	15.36	105	2796233	9.118	ppbv		98
74) 1,2,4-Trimethylbenzene	16.11	105	3023476	8.843	ppbv		99
75) 1,3-Dichlorobenzene	16.33	146	1791934	8.627	ppbv		100
76) 1,4-Dichlorobenzene	16.48	146	1738913	8.360	ppbv		97
77) 1,2-Dichlorobenzene	17.15	146	1715763	8.430	ppbv		99
78) Hexachloro-1,3-Butadiene	22.64	225	1416732	8.763	ppbv	#	100
79) Naphthalene	21.38	128	2991267	12.287	ppbv		99
80) Naphthalene,2-methyl-	24.38	142	1336933	13.897	ppbv	#	100
81) 1,2,4-Trichlorobenzene	21.14	180	1652208	10.182	ppbv	#	100

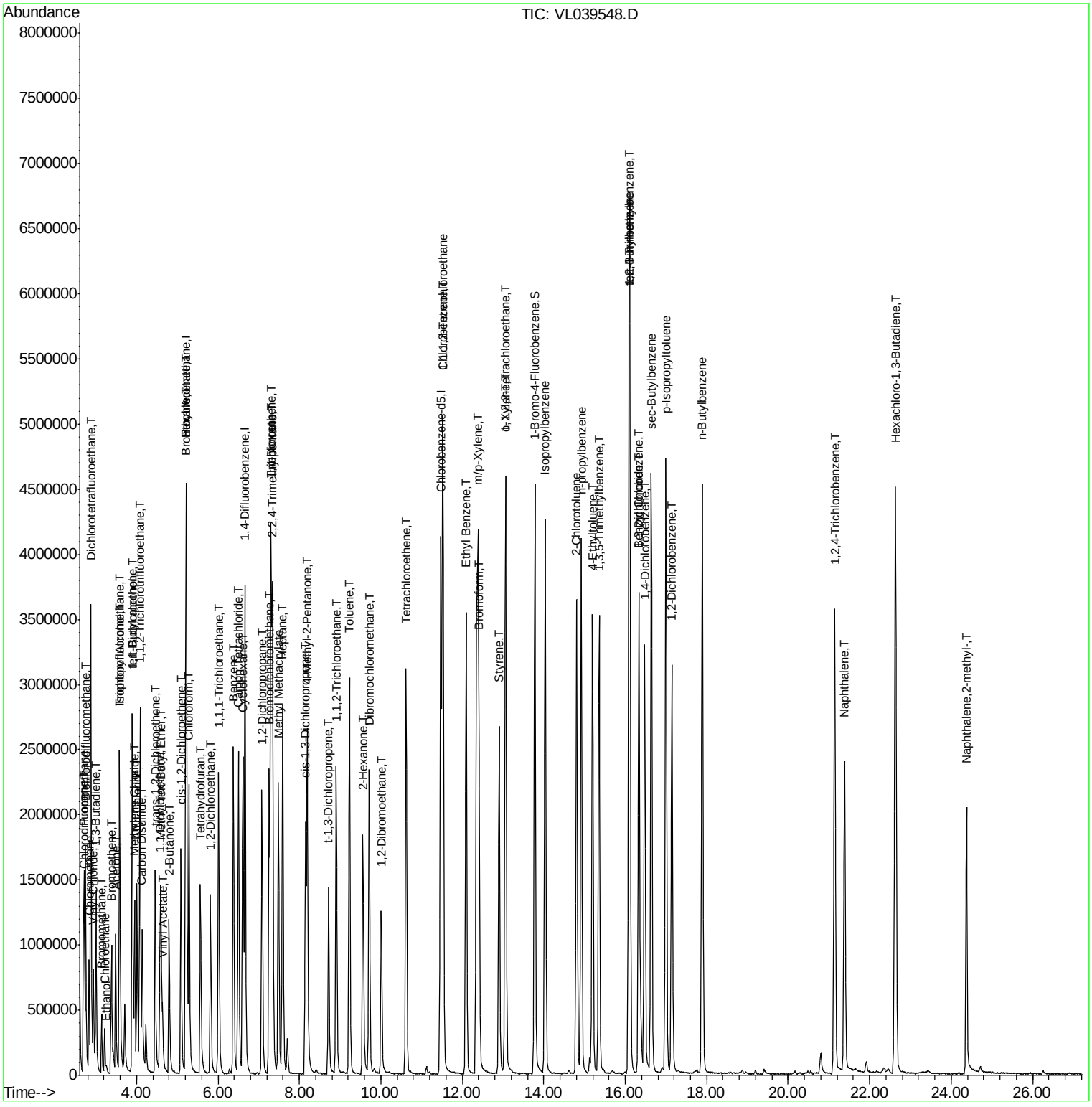
(#) = qualifier out of range (m) = manual integration (+) = signals summed

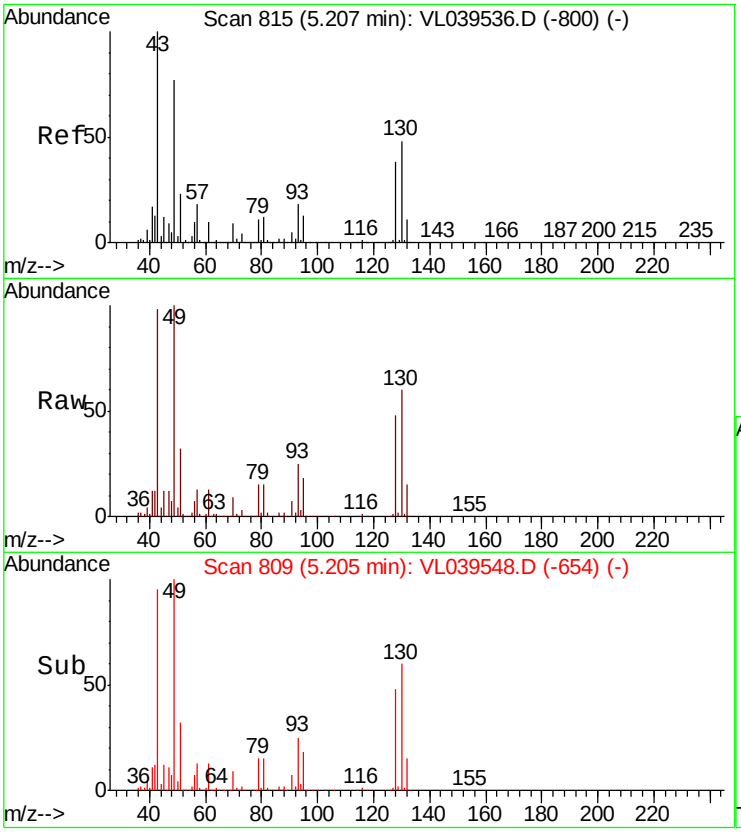
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039548.D
Acq On : 17 Aug 2022 14:48
Operator : SY/AP
Sample : VL0817ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Quant Time: Aug 18 05:35:51 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
QLast Update : Wed Aug 17 12:06:24 2022
Response via : Initial Calibration



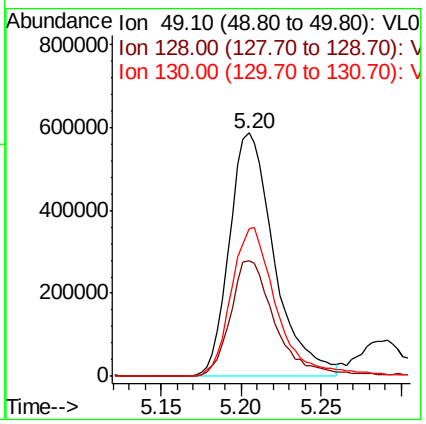


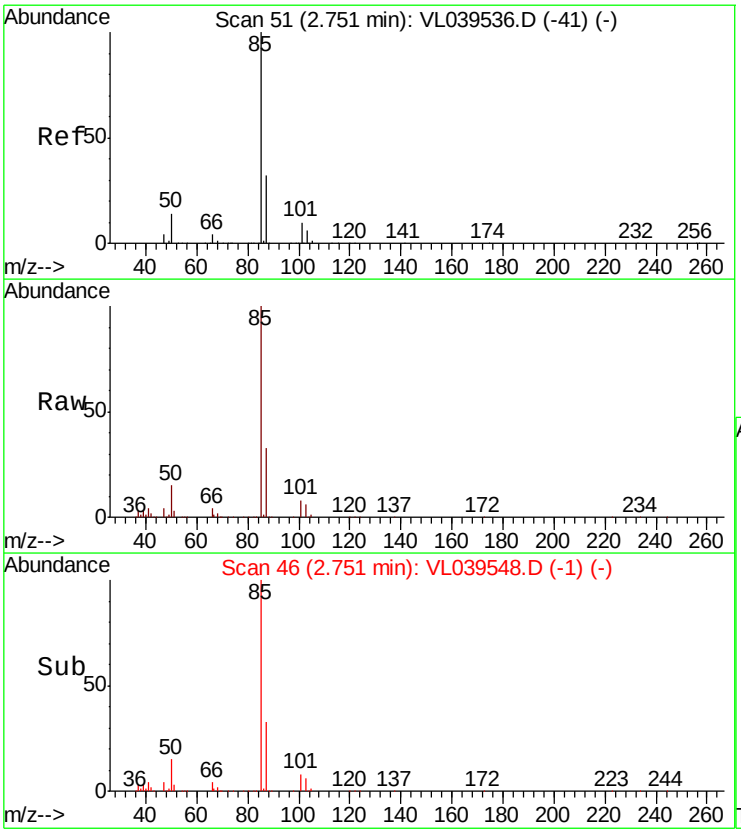
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.20
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 49 Resp: 1120582

Ion	Ratio	Lower	Upper
49	100		
128	48.9	25.7	77.0
130	62.8	31.6	95.0

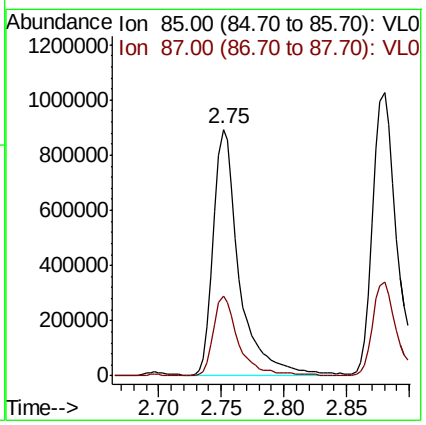


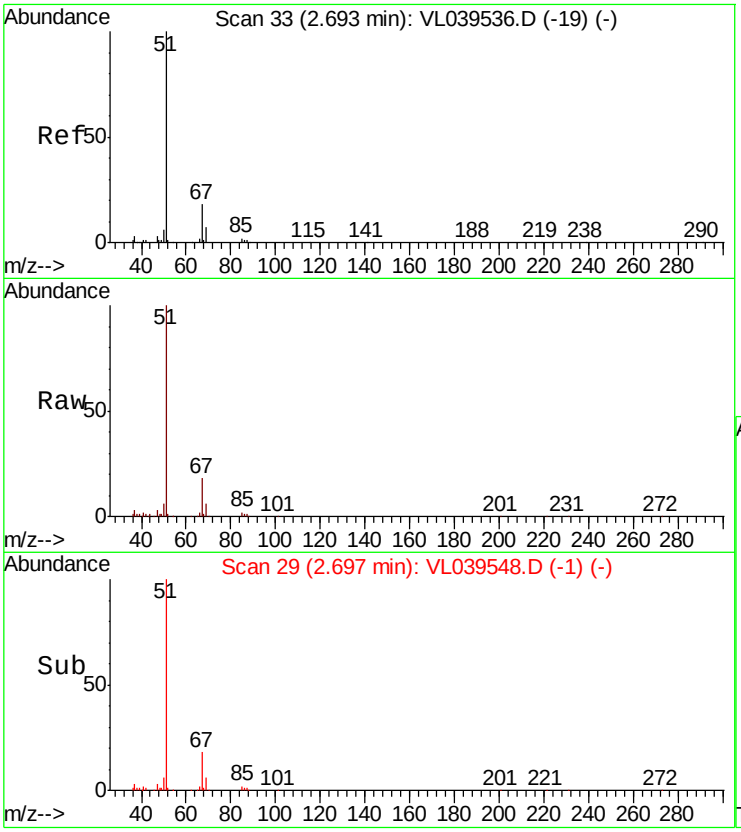


#2
Dichlorodifluoromethane
Concen: 8.488 ppbv
RT: 2.75 min Scan# 46
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 85 Resp: 1278503

Ion	Ratio	Lower	Upper
85	100		
87	32.6	25.9	38.9



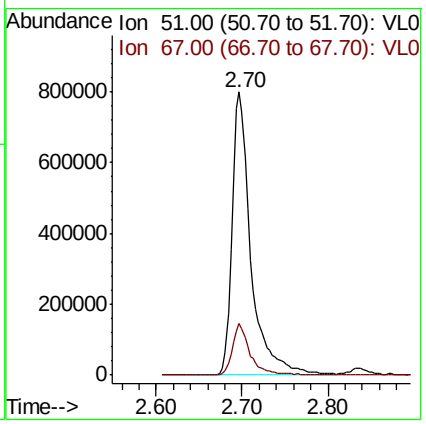


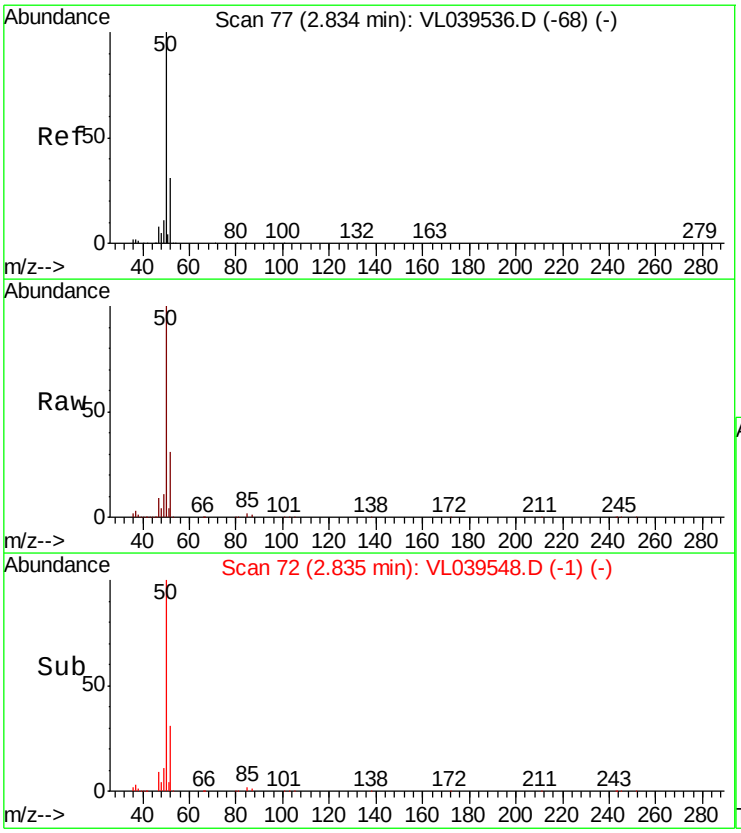
#3
Chlorodifluoromethane
Concen: 9.034 ppbv
RT: 2.70
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 51 Resp: 1213315

Ion	Ratio	Lower	Upper
51	100		
67	17.4	14.7	22.1

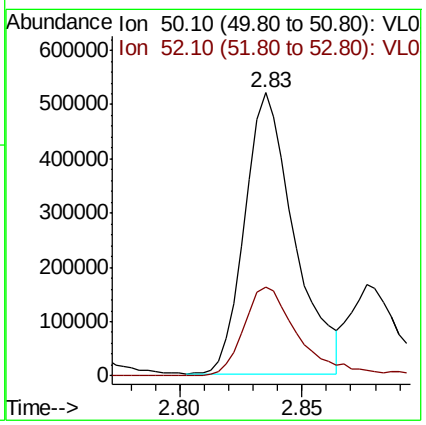


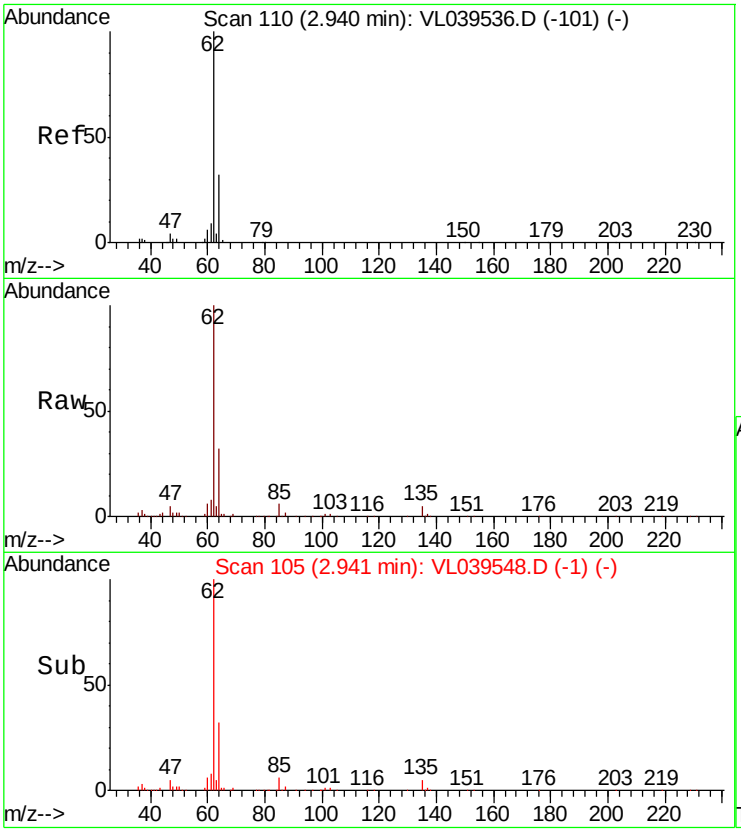


#4
Chloromethane
Concen: 9.077 ppbv
RT: 2.83 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 50 Resp: 728940

Ion	Ratio	Lower	Upper
50	100		
52	31.7	24.3	36.5



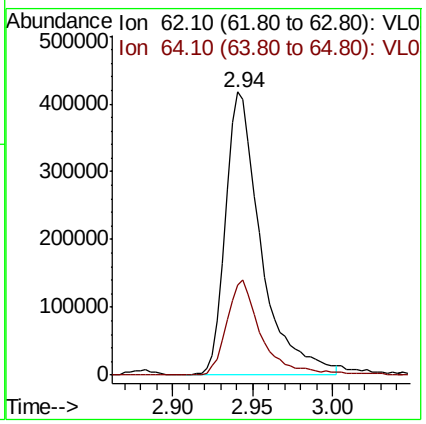


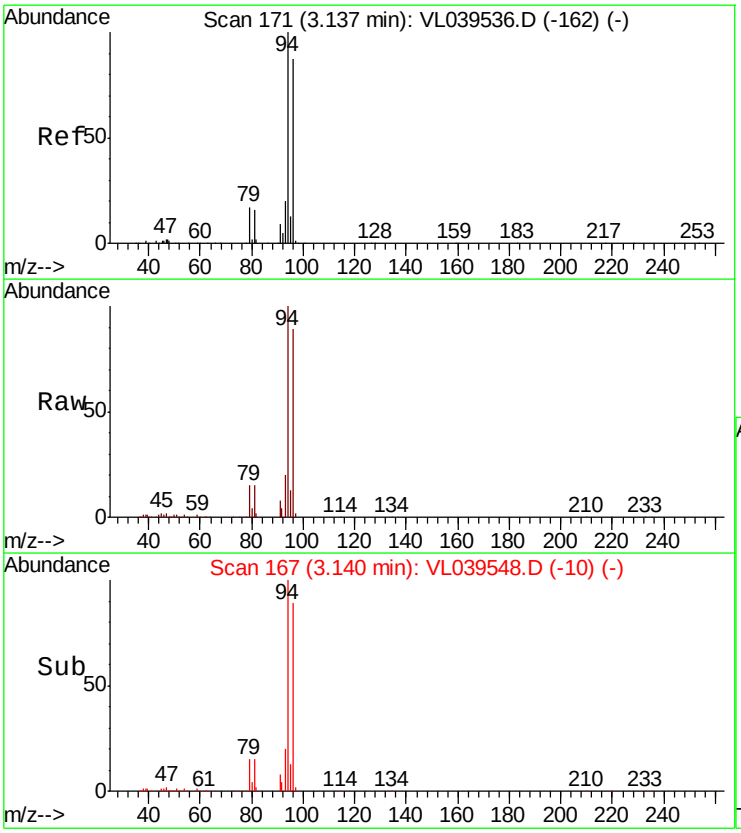
#5
Vinyl Chloride
Concen: 9.081 ppbv
RT: 2.94
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 62 Resp: 628807

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.5	38.3

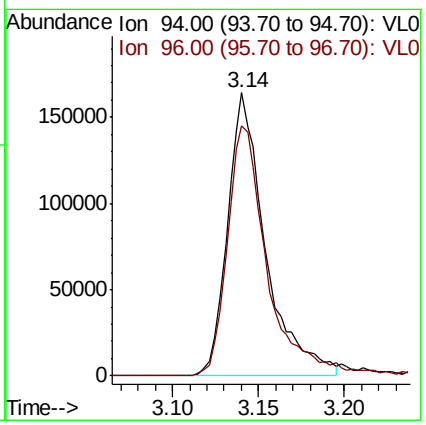


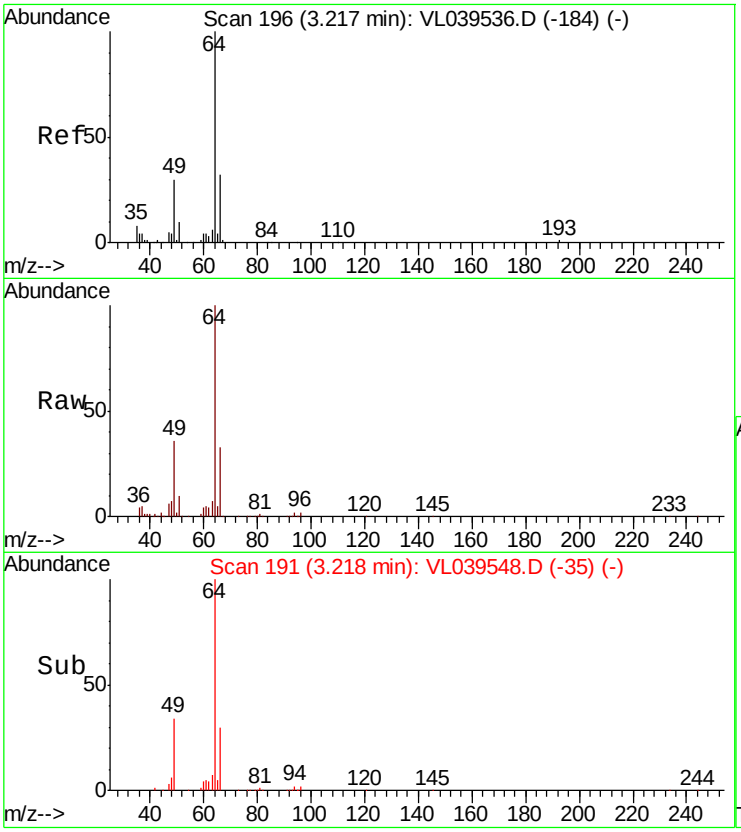


#6
Bromomethane
Concen: 8.907 ppbv
RT: 3.14 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 94 Resp: 252530

Ion	Ratio	Lower	Upper
94	100		
96	88.5	69.8	104.6



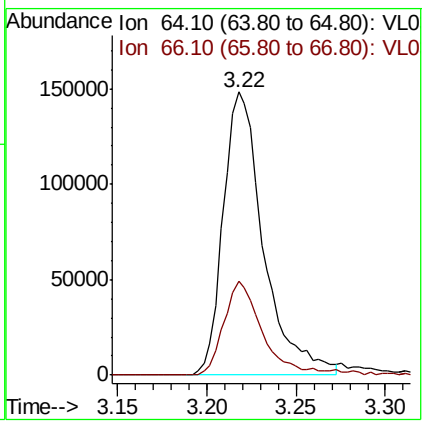


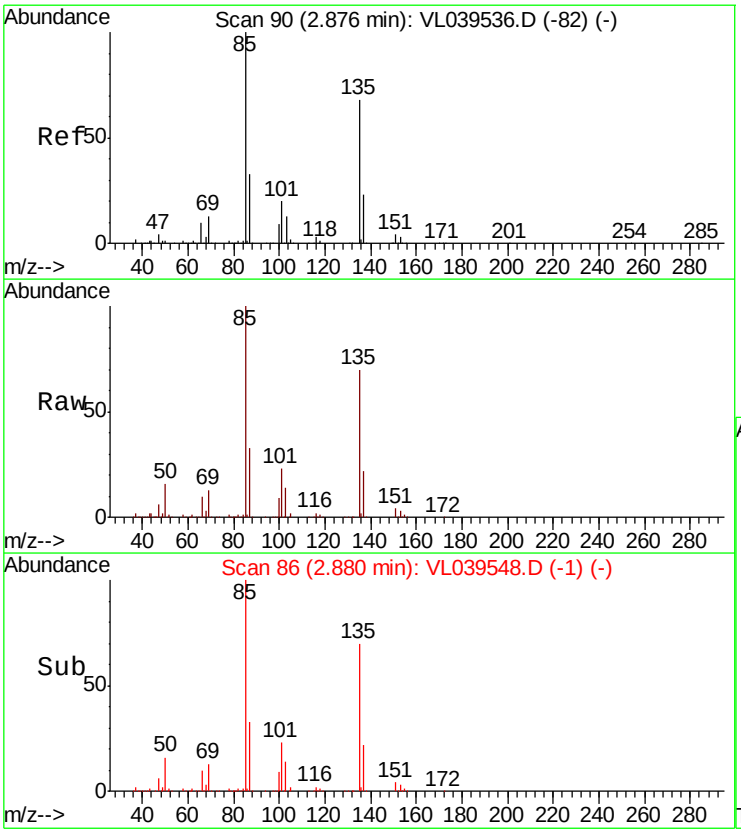
#7
Chloroethane
Concen: 9.488 ppbv
RT: 3.22
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 64 Resp: 233904

Ion	Ratio	Lower	Upper
64	100		
66	33.3	25.6	38.4

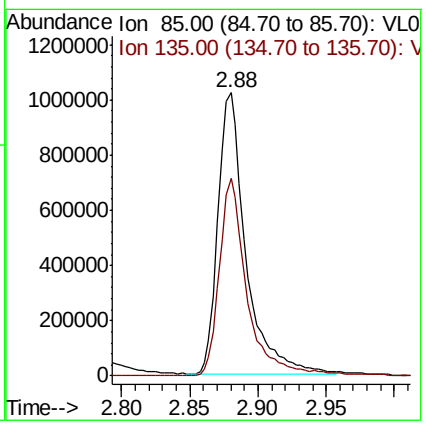


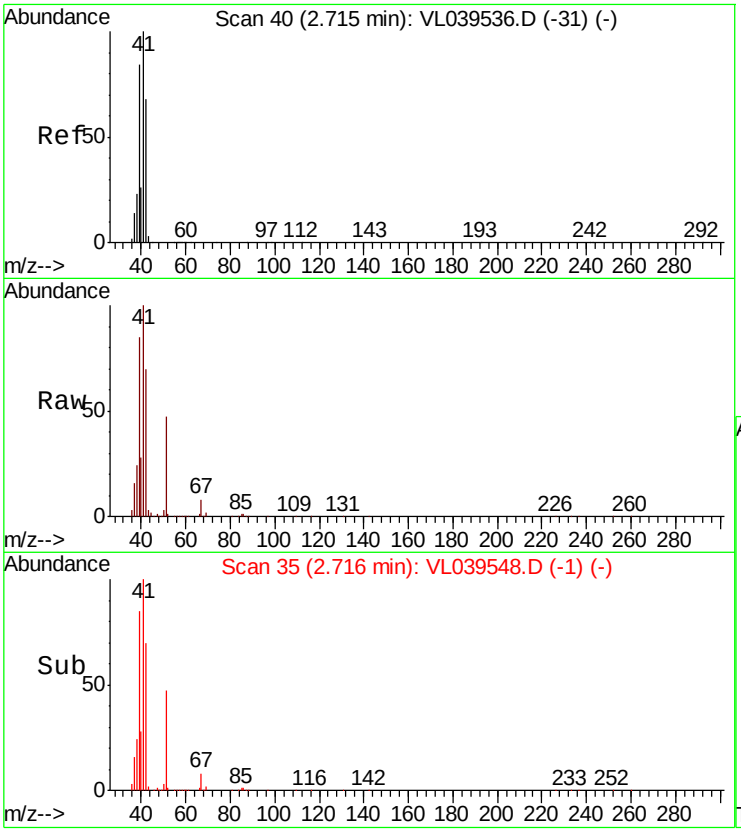


#8
Dichlorotetrafluoroethane
Concen: 9.033 ppbv
RT: 2.88 min Scan# 86
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 85 Resp: 1460933

Ion	Ratio	Lower	Upper
85	100		
135	70.1	56.3	84.5



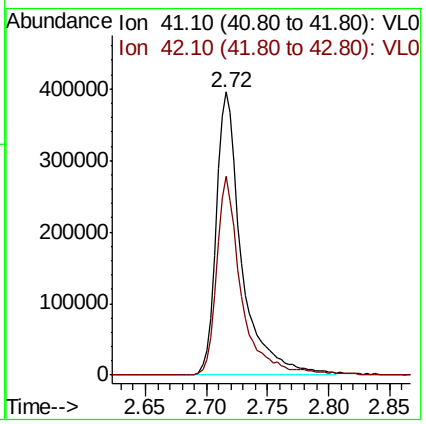


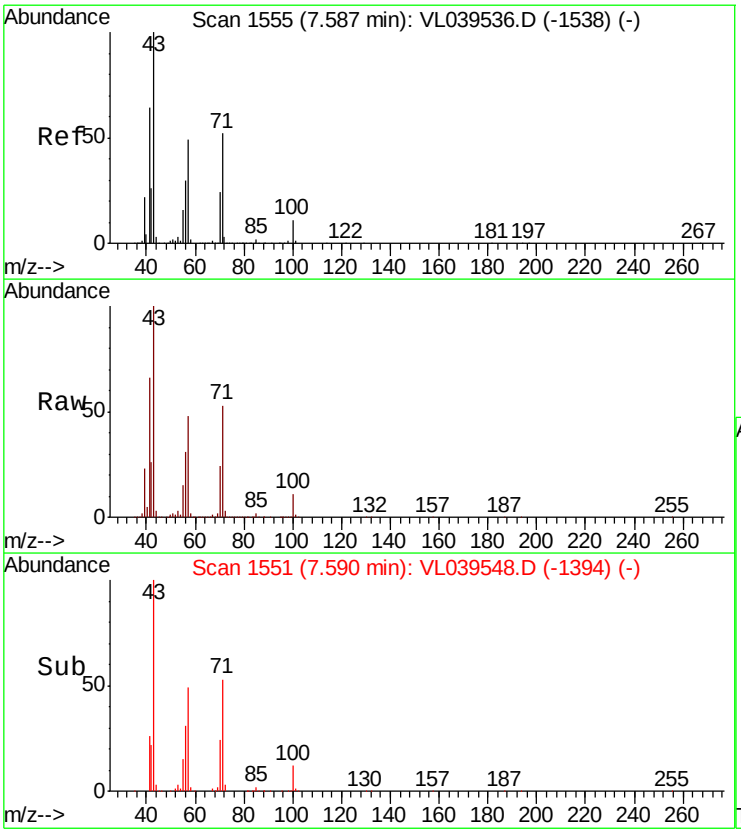
#9
Propene
Concen: 9.519 ppbv
RT: 2.72
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 41 Resp: 582424

Ion	Ratio	Lower	Upper
41	100		
42	68.4	55.4	83.0

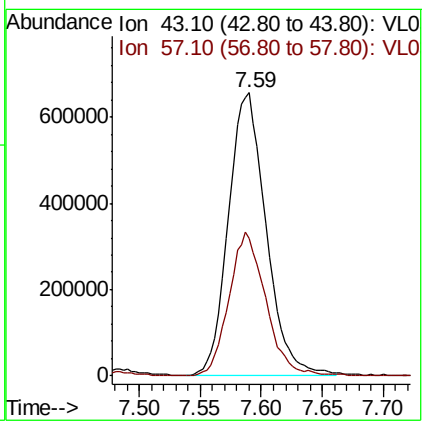


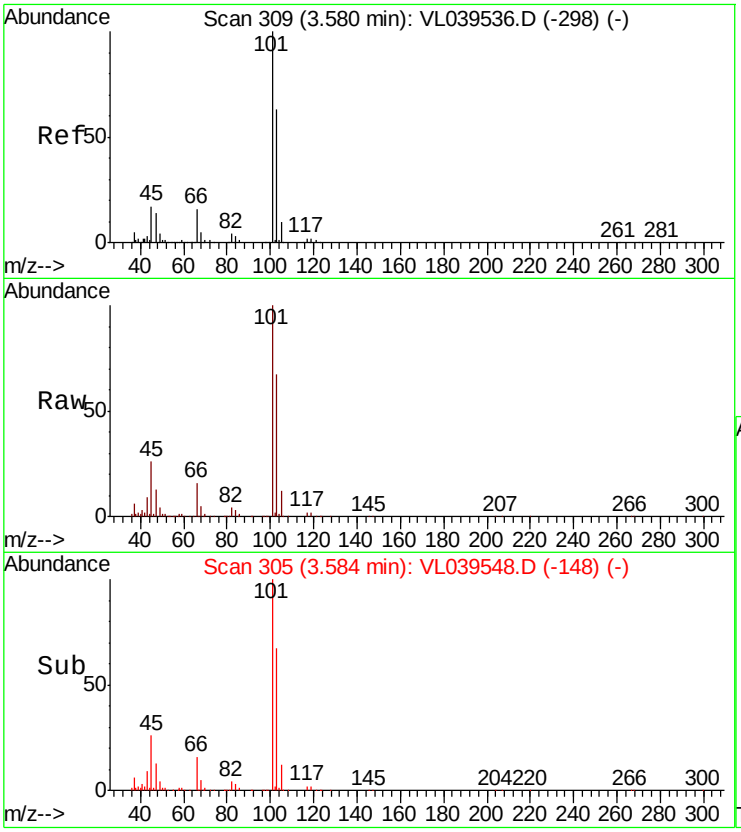


#10
Heptane
Concen: 9.853 ppbv
RT: 7.59 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 43 Resp: 1400263

Ion	Ratio	Lower	Upper
43	100		
57	49.8	39.8	59.6



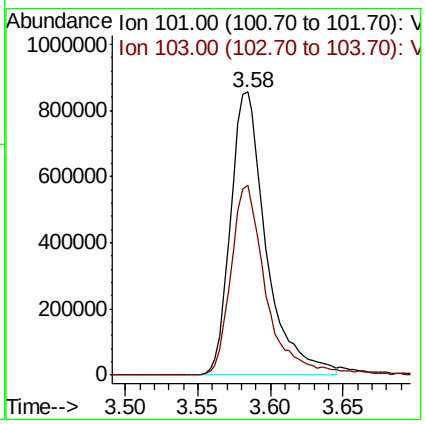


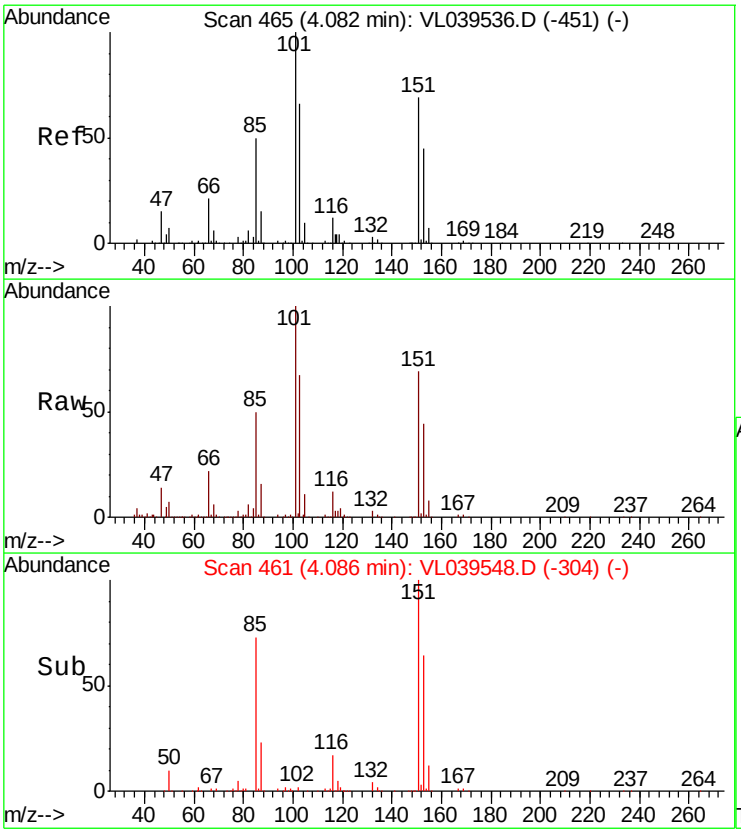
#11
Trichlorofluoromethane
Concen: 8.832 ppbv
RT: 3.58
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:101 Resp: 1461108

Ion	Ratio	Lower	Upper
101	100		
103	67.3	50.6	76.0

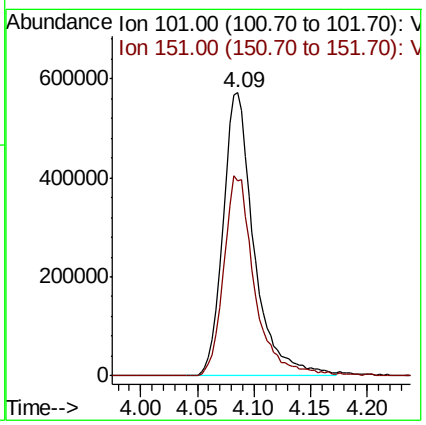


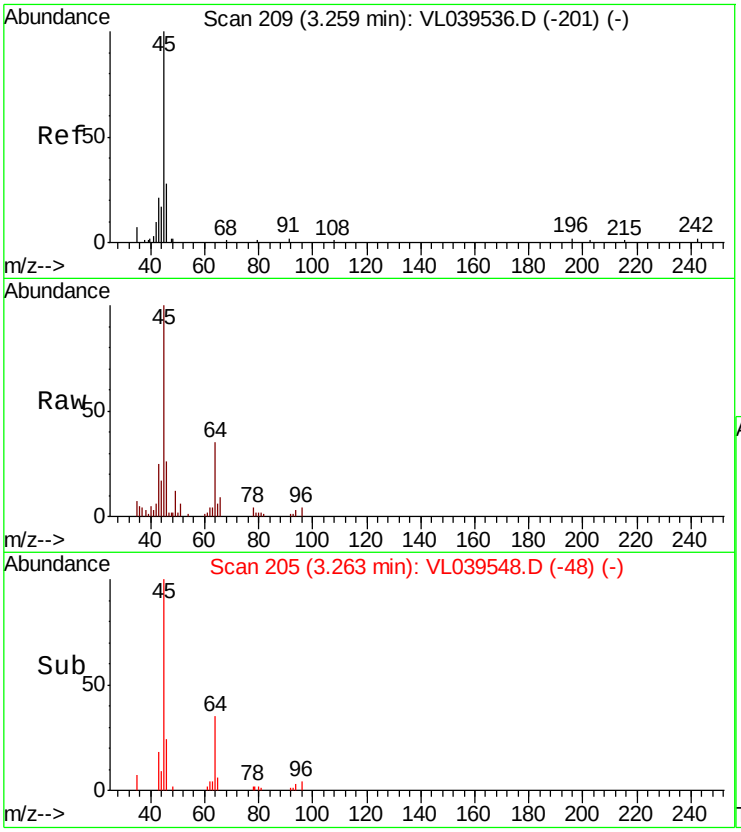


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.912 ppbv
RT: 4.09 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:101 Resp: 1089190

Ion	Ratio	Lower	Upper
101	100		
151	71.3	58.6	87.8



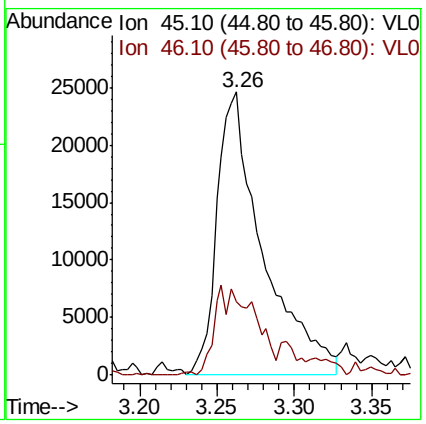


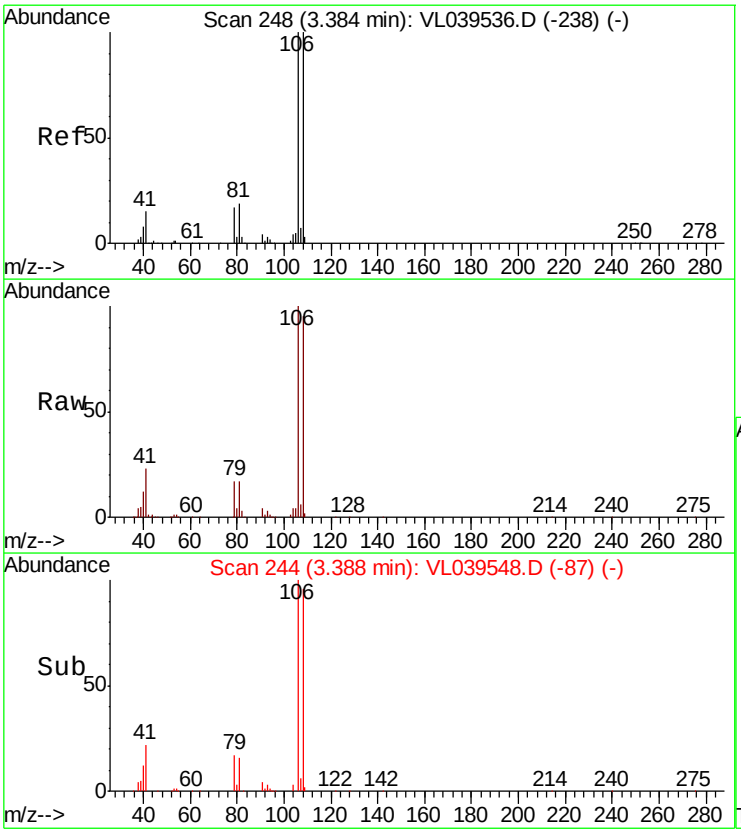
#13
Ethanol
Concen: 11.524 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 45 Resp: 50743

Ion	Ratio	Lower	Upper
45	100		
46	38.8	19.3	77.1

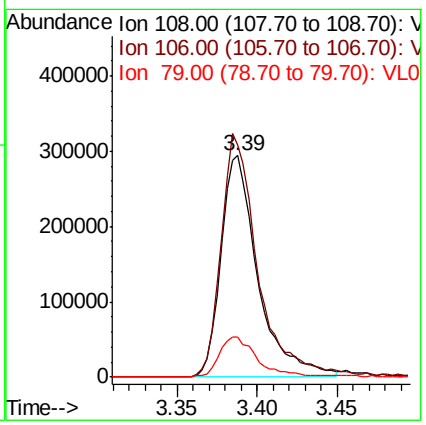


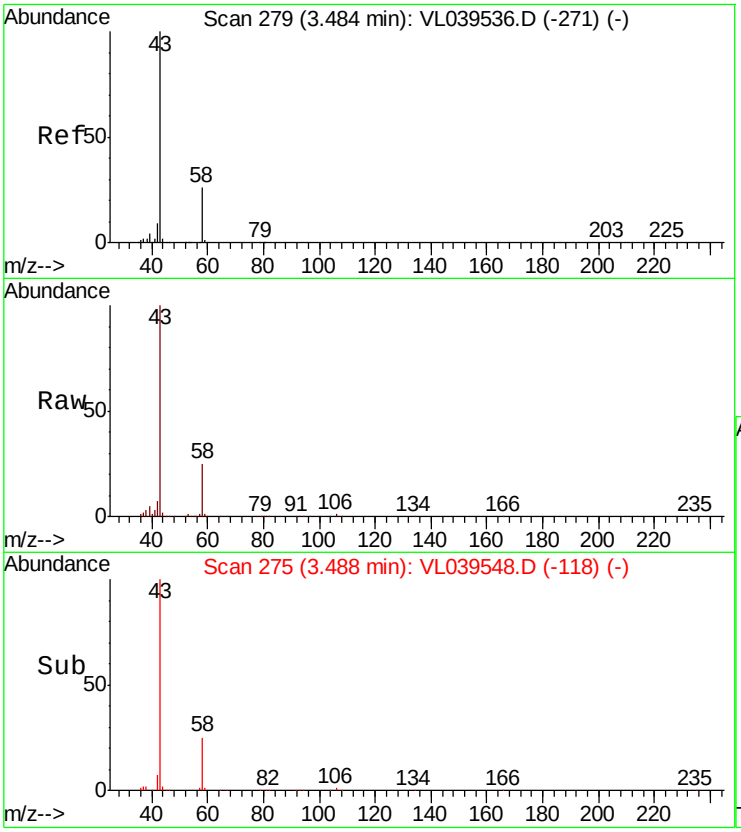


#14
Bromoethene
Concen: 9.279 ppbv
RT: 3.39 min Scan# 244
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:108 Resp: 463424

Ion	Ratio	Lower	Upper
108	100		
106	111.6	86.6	130.0
79	19.9	15.1	22.7



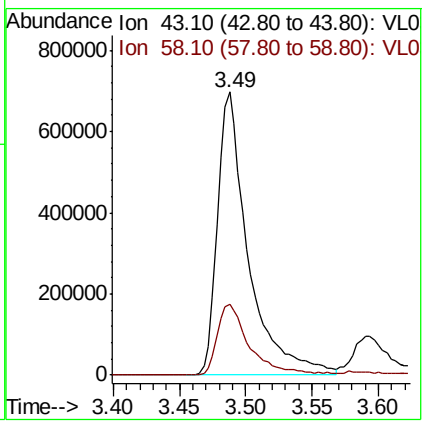


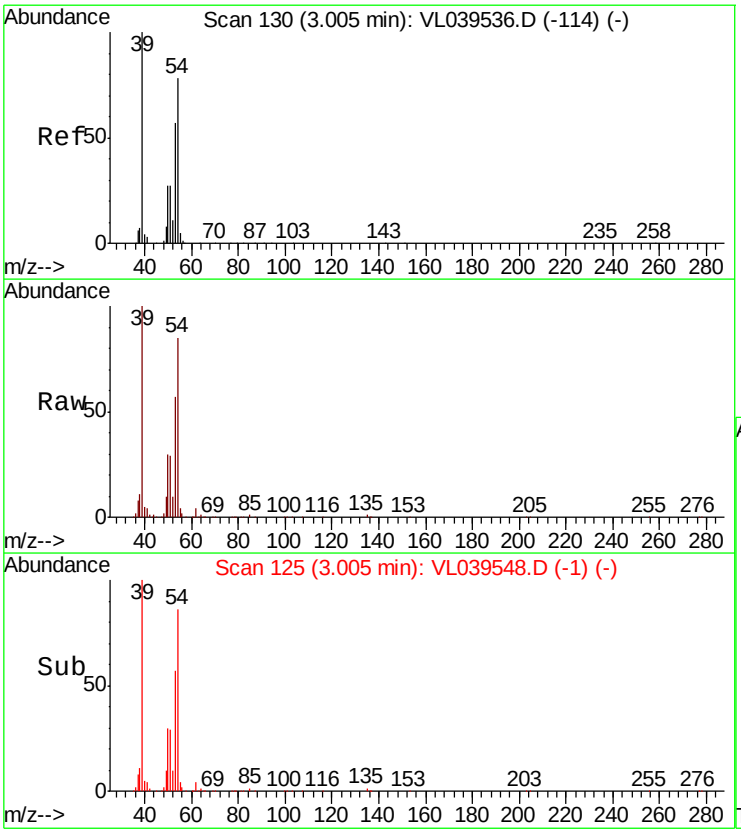
#15
Acetone
Concen: 8.895 ppbv
RT: 3.49
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 43 Resp: 1126119

Ion	Ratio	Lower	Upper
43	100		
58	26.4	20.7	31.1

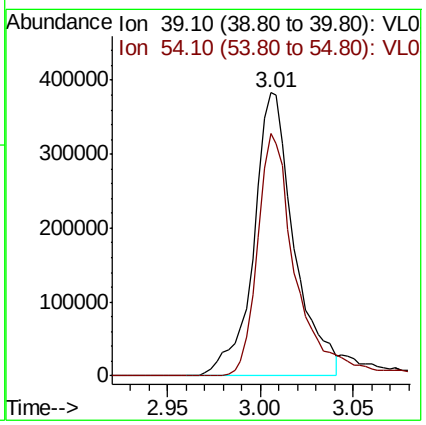


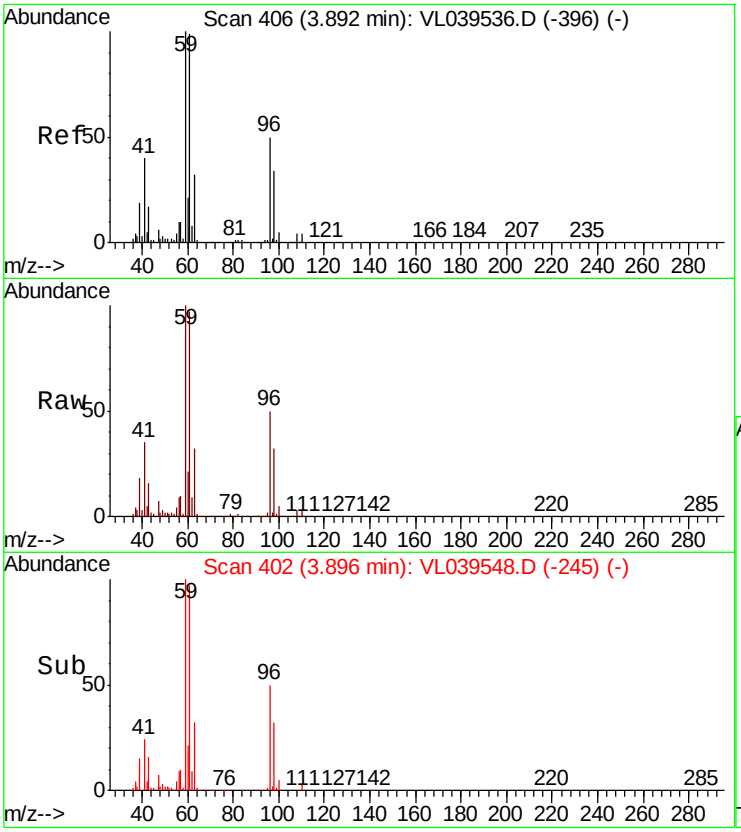


#16
1,3-Butadiene
Concen: 8.853 ppbv
RT: 3.01 min Scan# 125
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 39 Resp: 582099

Ion	Ratio	Lower	Upper
39	100		
54	83.1	61.8	92.8



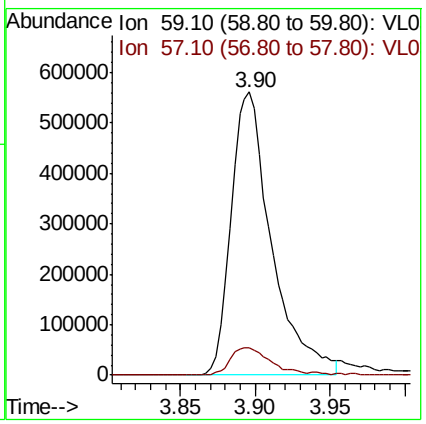


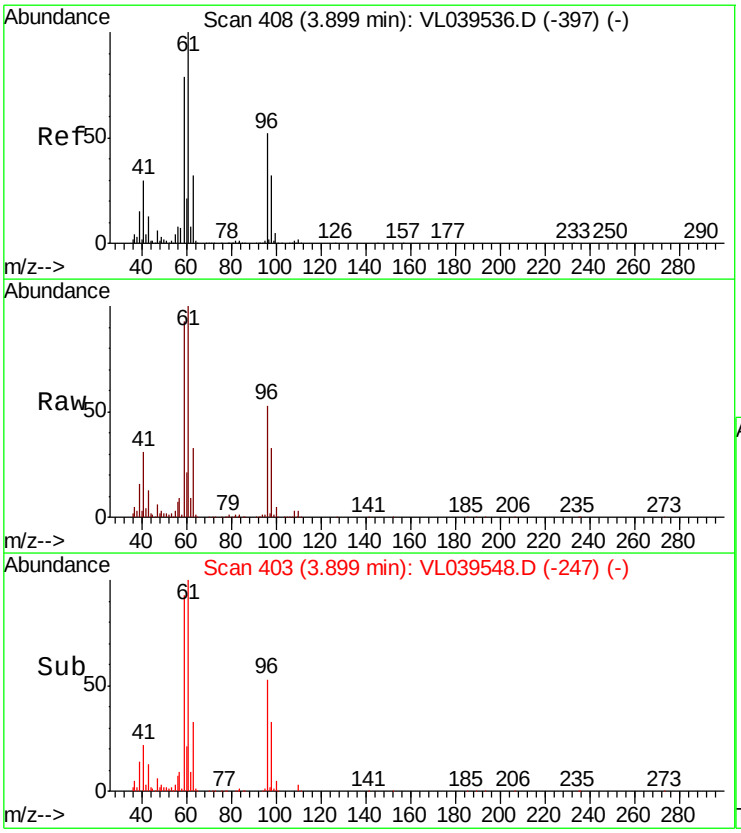
#17
tert-Butyl alcohol
Concen: 9.783 ppbv
RT: 3.90
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 59 Resp: 1057691

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.6	12.8

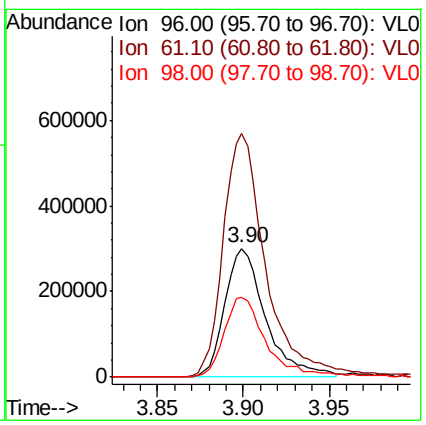


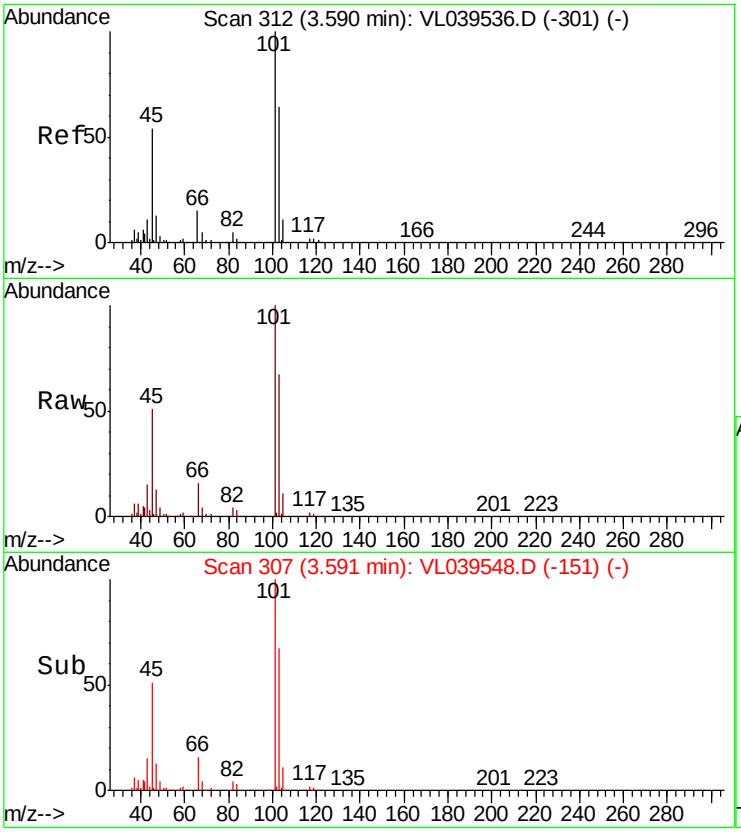


#18
1,1-Dichloroethene
Concen: 8.989 ppbv
RT: 3.90 min Scan# 403
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 96 Resp: 495321

Ion	Ratio	Lower	Upper
96	100		
61	189.1	153.8	230.6
98	62.1	48.6	73.0



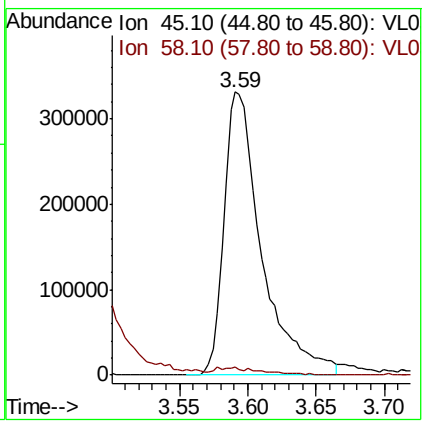


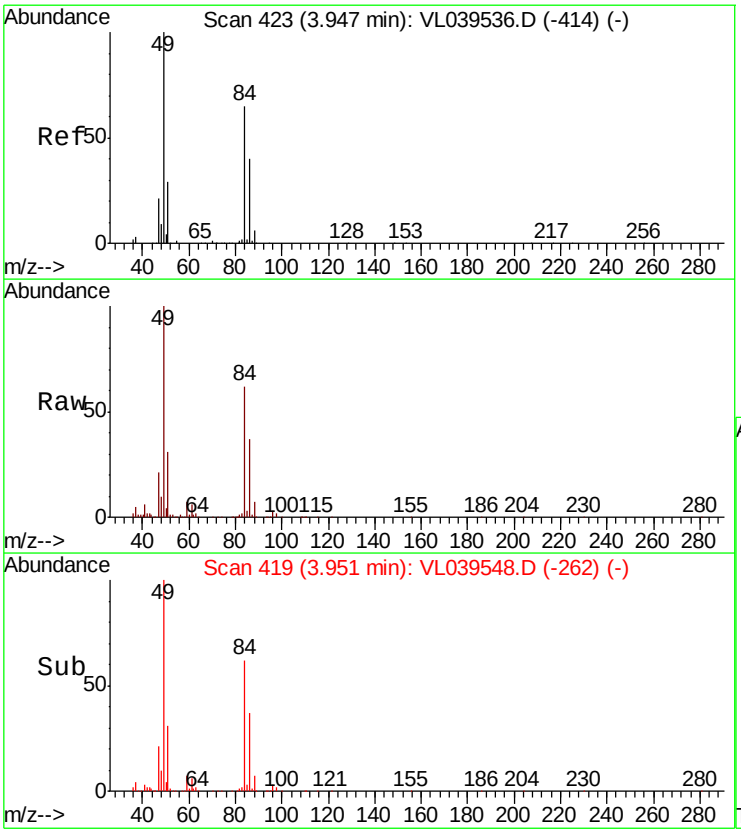
#19
Isopropyl Alcohol
Concen: 10.269 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 45 Resp: 635404

Ion	Ratio	Lower	Upper
45	100		
58	3.9	0.0	0.0#

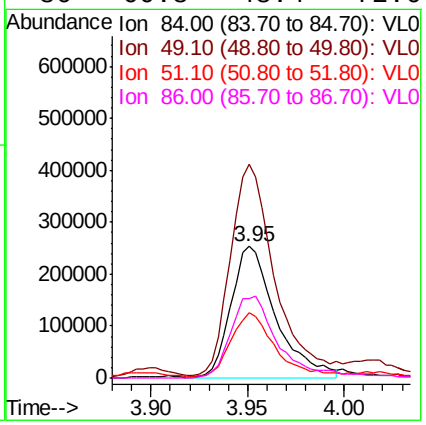


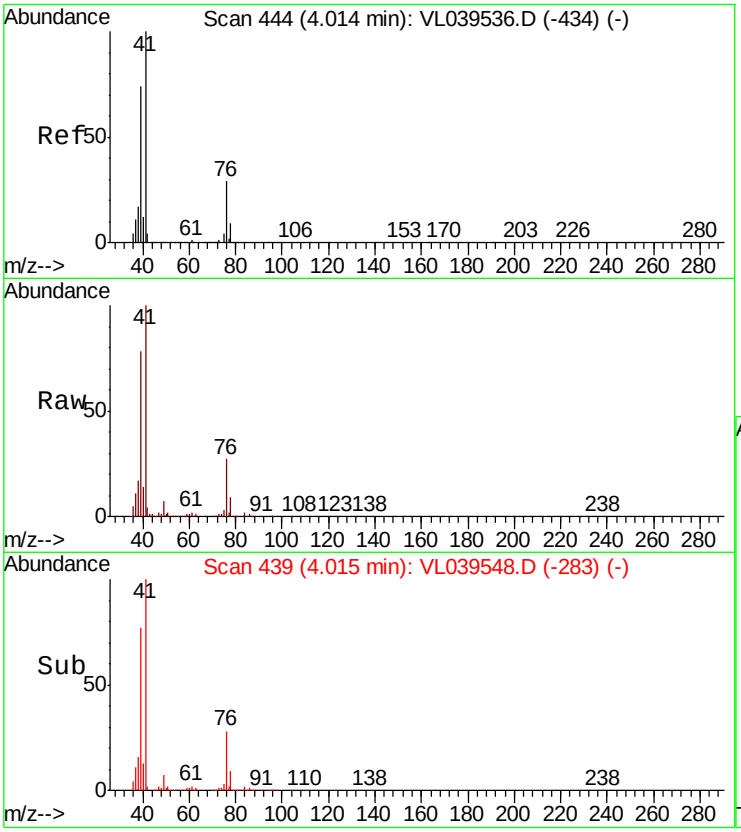


#20
Methylene Chloride
Concen: 7.863 ppbv
RT: 3.95 min Scan# 419
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 84 Resp: 405339

Ion	Ratio	Lower	Upper
84	100		
49	161.4	122.2	183.4
51	48.9	35.8	53.6
86	60.8	48.4	72.6



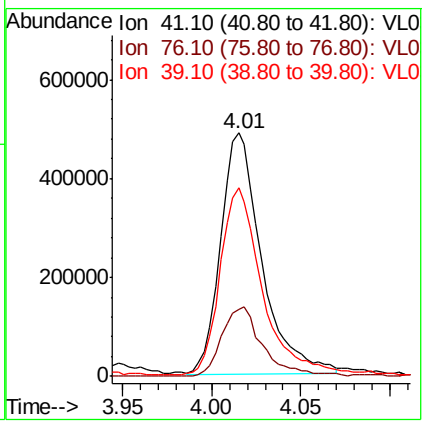


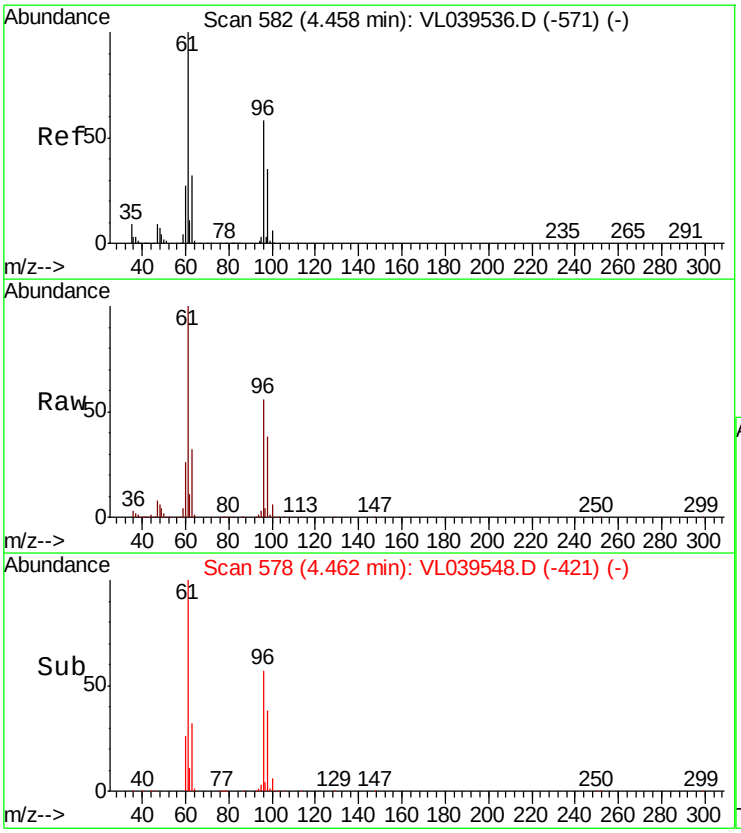
#21
Allyl Chloride
Concen: 9.514 ppbv
RT: 4.01
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 41 Resp: 782653

Ion	Ratio	Lower	Upper
41	100		
76	29.2	23.1	34.7
39	80.4	63.4	95.2

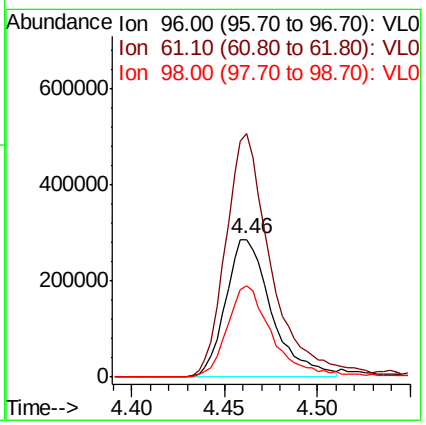


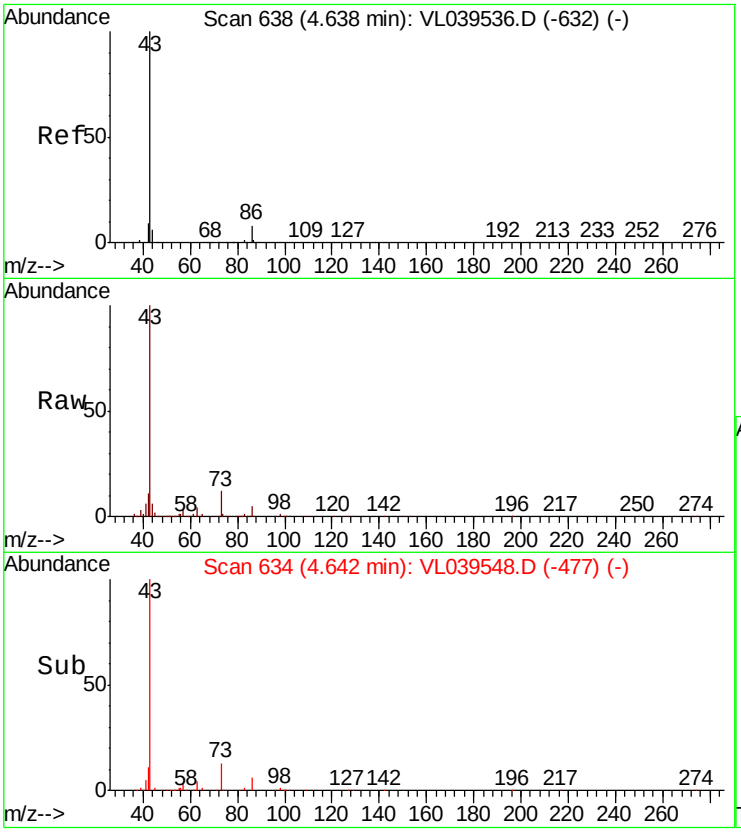


#22
trans-1,2-Dichloroethene
Concen: 8.984 ppbv
RT: 4.46 min Scan# 578
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 96 Resp: 491835

Ion	Ratio	Lower	Upper
96	100		
61	176.7	138.1	207.1
98	66.6	48.8	73.2



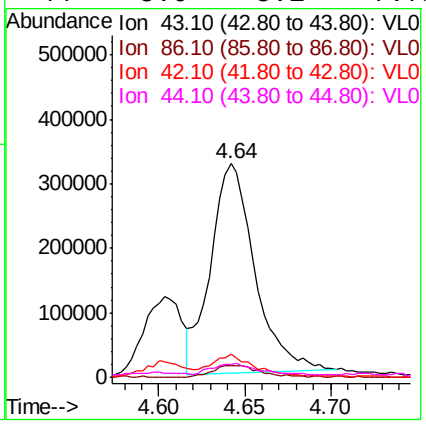


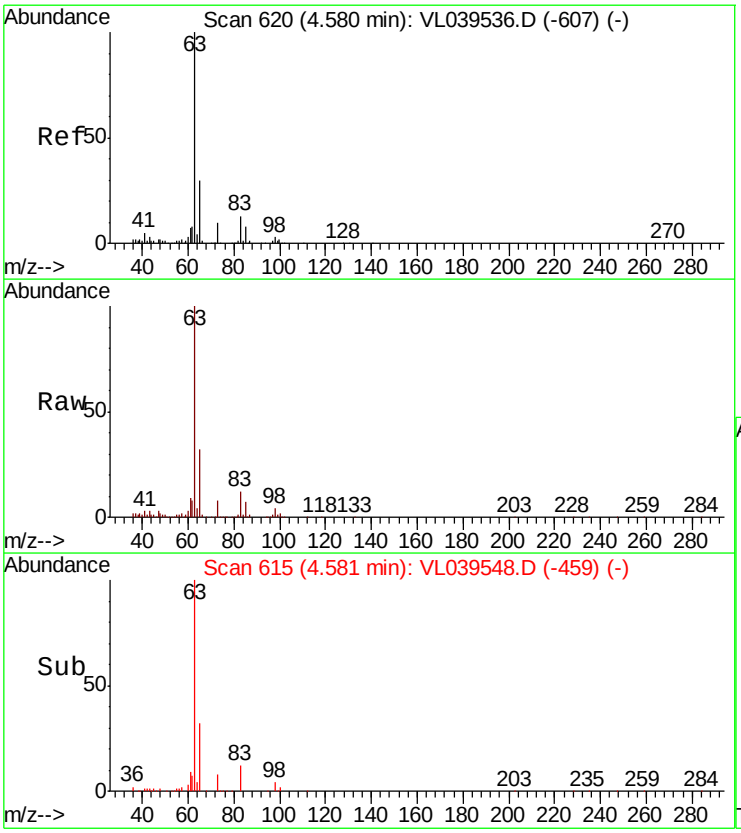
#23
Vinyl Acetate
Concen: 9.154 ppbv
RT: 4.64
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 43 Resp: 582687

Ion	Ratio	Lower	Upper
43	100		
86	5.4	5.3	7.9
42	10.3	8.7	13.1
44	5.0	5.1	7.7#

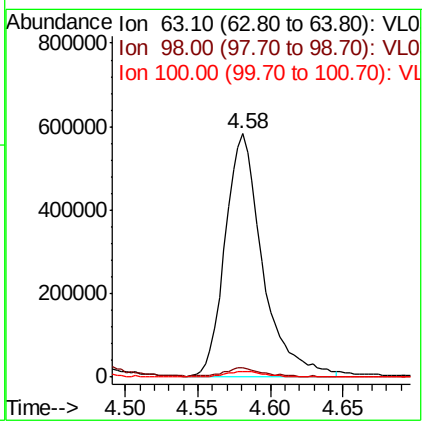


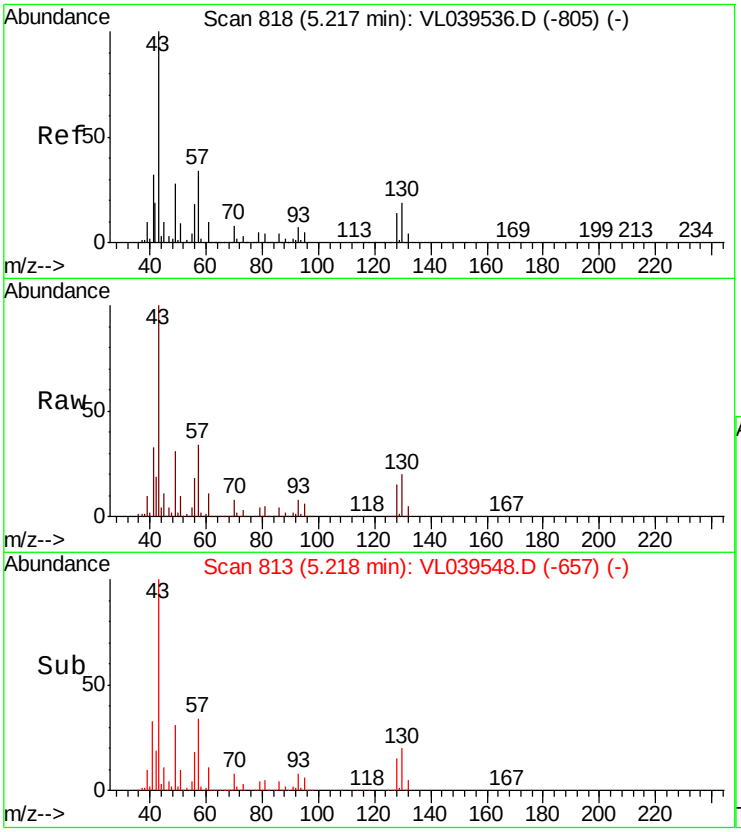


#24
1,1-Dichloroethane
Concen: 9.210 ppbv
RT: 4.58 min Scan# 615
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 63 Resp: 1031690

Ion	Ratio	Lower	Upper
63	100		
98	3.3	1.7	5.0
100	2.3	1.1	3.3



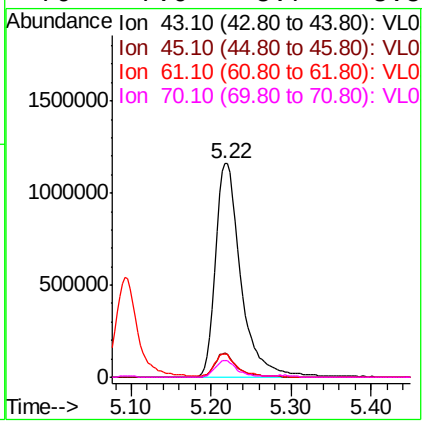


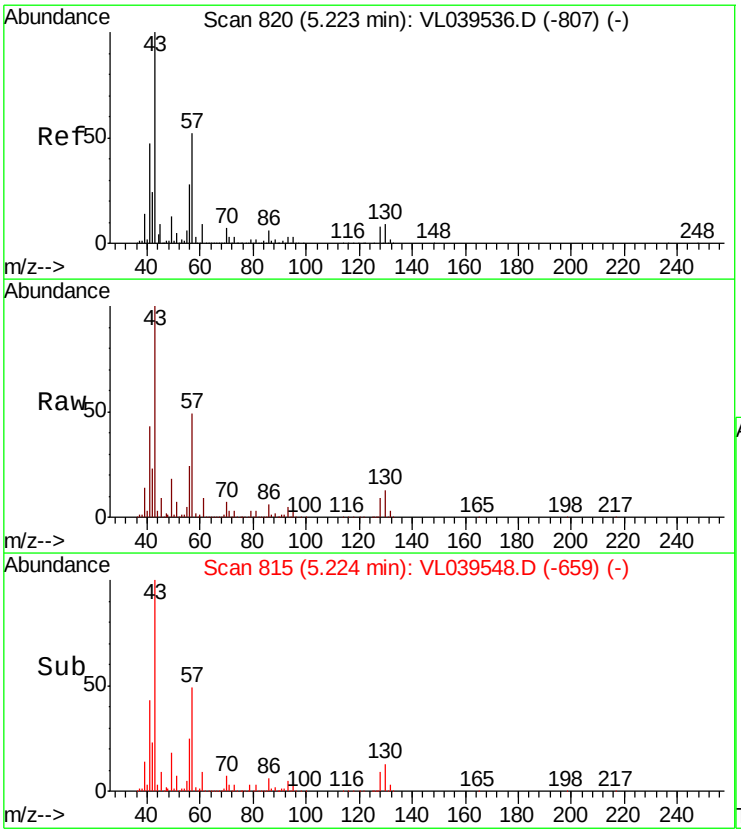
#25
Ethyl Acetate
Concen: 9.430 ppbv
RT: 5.22
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 43 Resp: 2545434

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	9.6	8.6	12.8
70	7.0	5.7	8.5

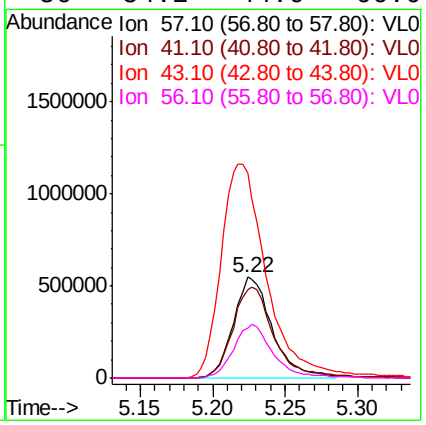


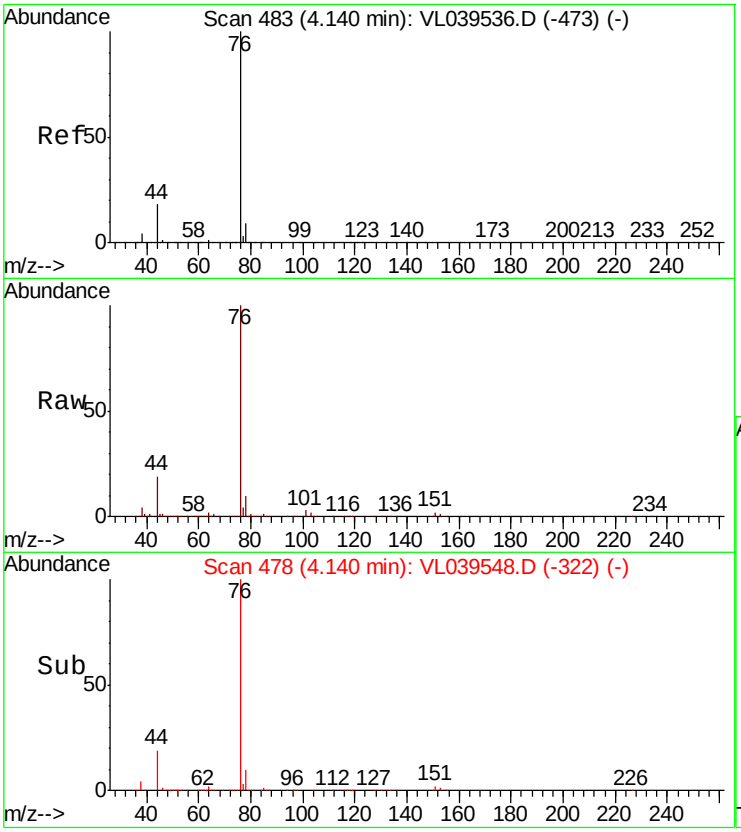


#26
Hexane
Concen: 9.231 ppbv
RT: 5.22 min Scan# 815
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 57 Resp: 1021808

Ion	Ratio	Lower	Upper
57	100		
41	96.5	79.4	119.2
43	251.2	199.7	299.5
56	54.2	44.0	66.0



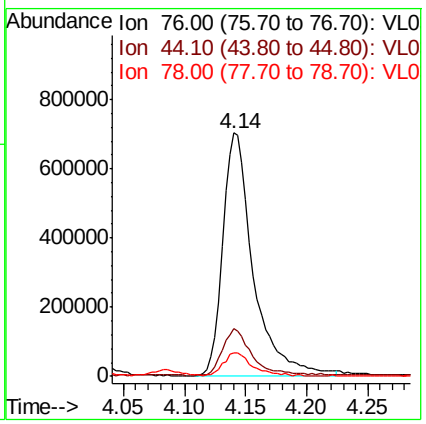


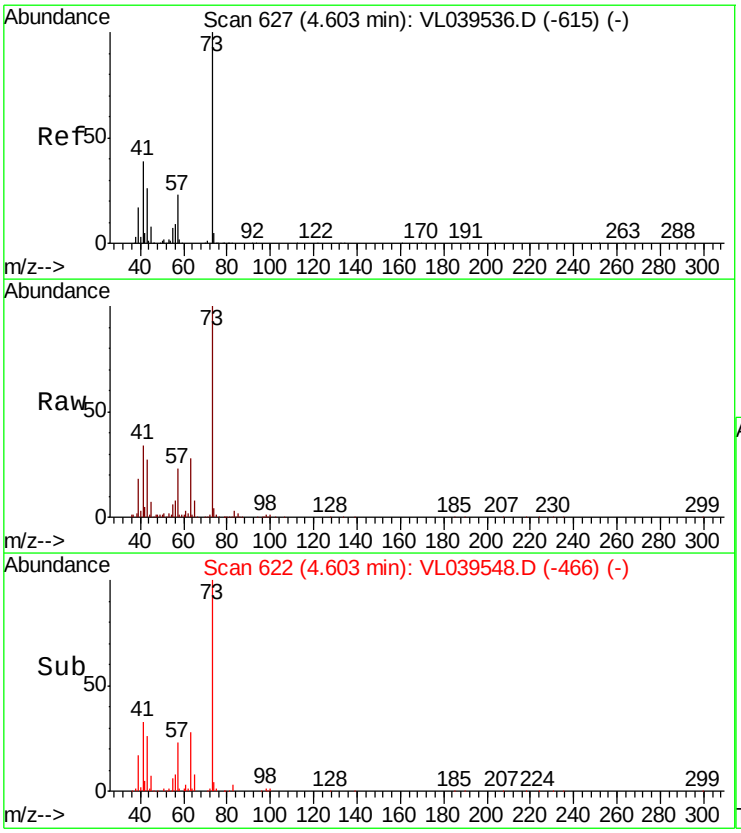
#27
Carbon Disulfide
Concen: 10.453 ppbv
RT: 4.14
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 76 Resp: 1234512

Ion	Ratio	Lower	Upper
76	100		
44	19.2	16.3	24.5
78	10.0	7.8	11.6

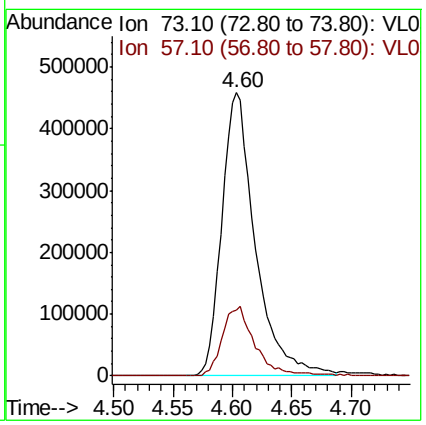


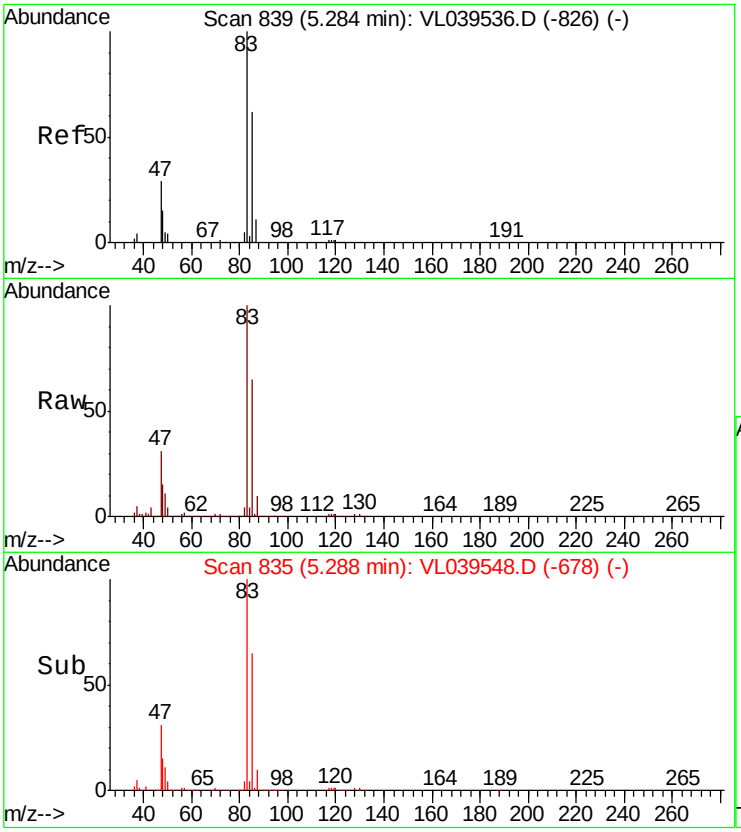


#28
Methyl tert-Butyl Ether
Concen: 9.194 ppbv
RT: 4.60 min Scan# 622
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 73 Resp: 894890

Ion	Ratio	Lower	Upper
73	100		
57	24.3	19.8	29.6



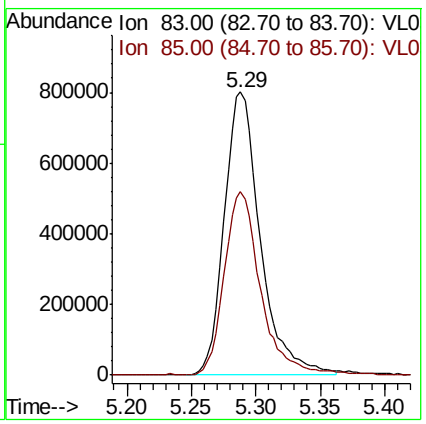


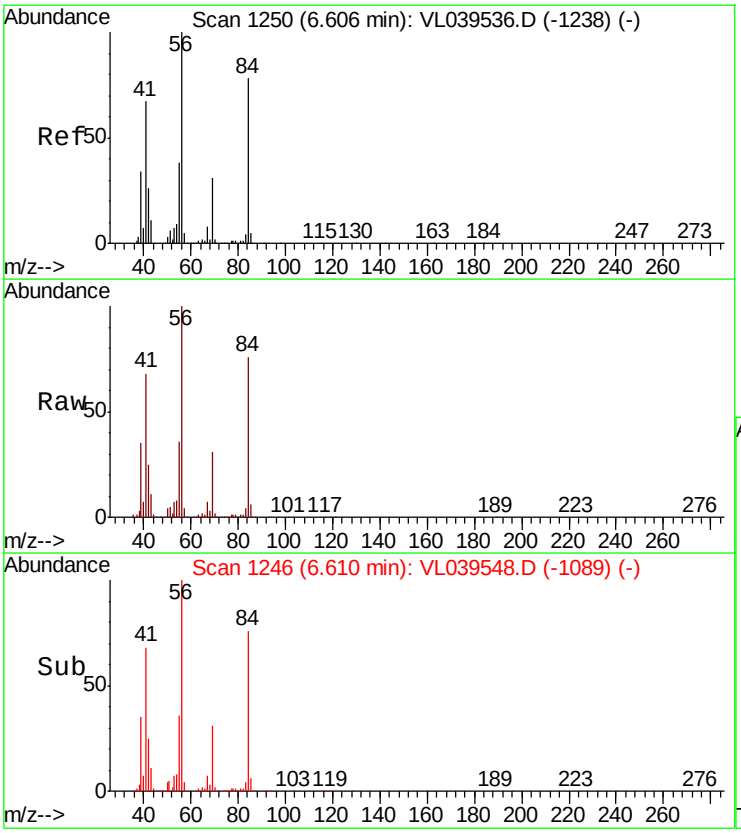
#29
Chloroform
Concen: 8.996 ppbv
RT: 5.29
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 83 Resp: 1558726

Ion	Ratio	Lower	Upper
83	100		
85	64.7	49.8	74.8

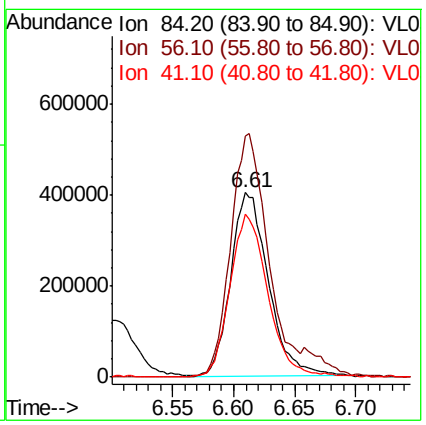


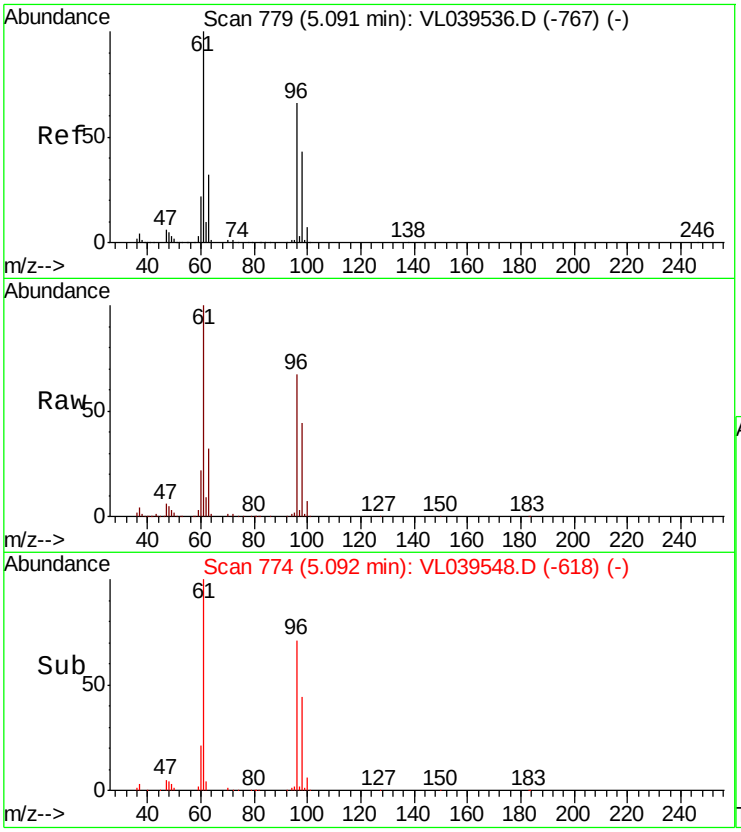


#30
Cyclohexane
Concen: 9.363 ppbv
RT: 6.61 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 84 Resp: 860647

Ion	Ratio	Lower	Upper
84	100		
56	141.3	0.0	0.0#
41	90.4	0.0	0.0#



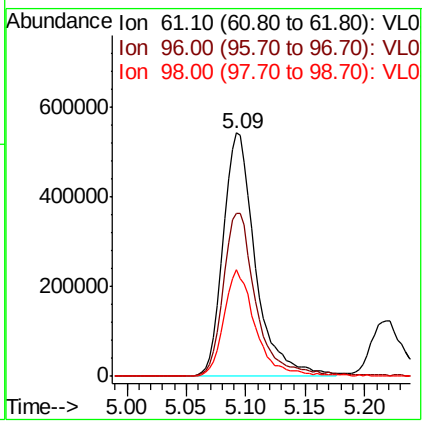


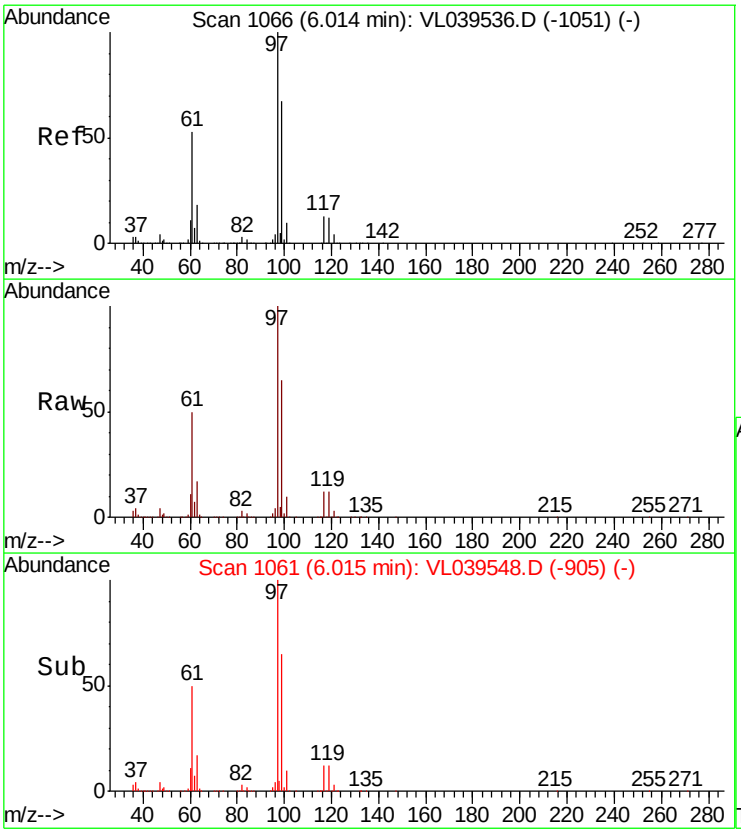
#31
cis-1,2-Dichloroethene
Concen: 9.501 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 61 Resp: 1016948

Ion	Ratio	Lower	Upper
61	100		
96	67.1	52.9	79.3
98	44.0	34.5	51.7

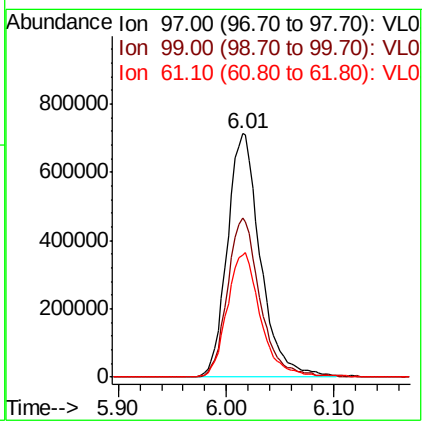


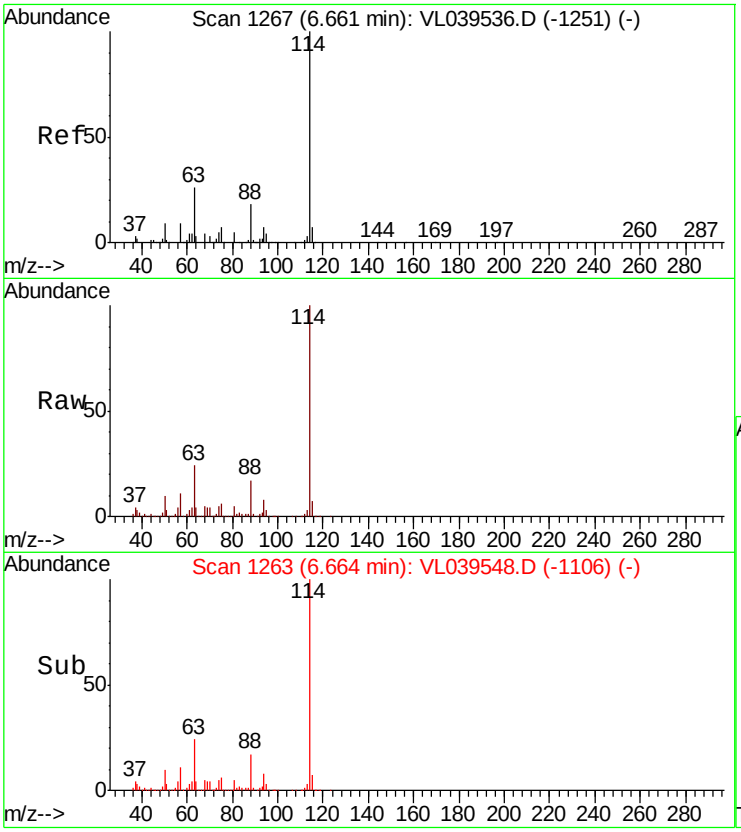


#32
1,1,1-Trichloroethane
Concen: 9.327 ppbv
RT: 6.01 min Scan# 1061
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 97 Resp: 1515739

Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.4	78.6
61	52.1	42.9	64.3



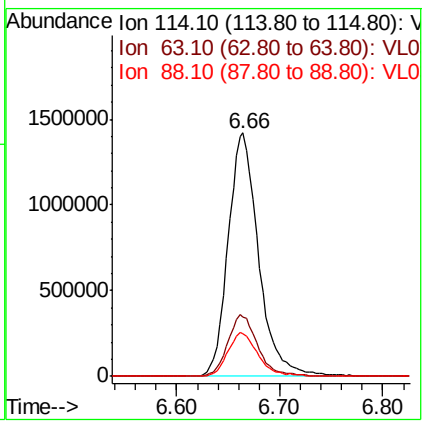


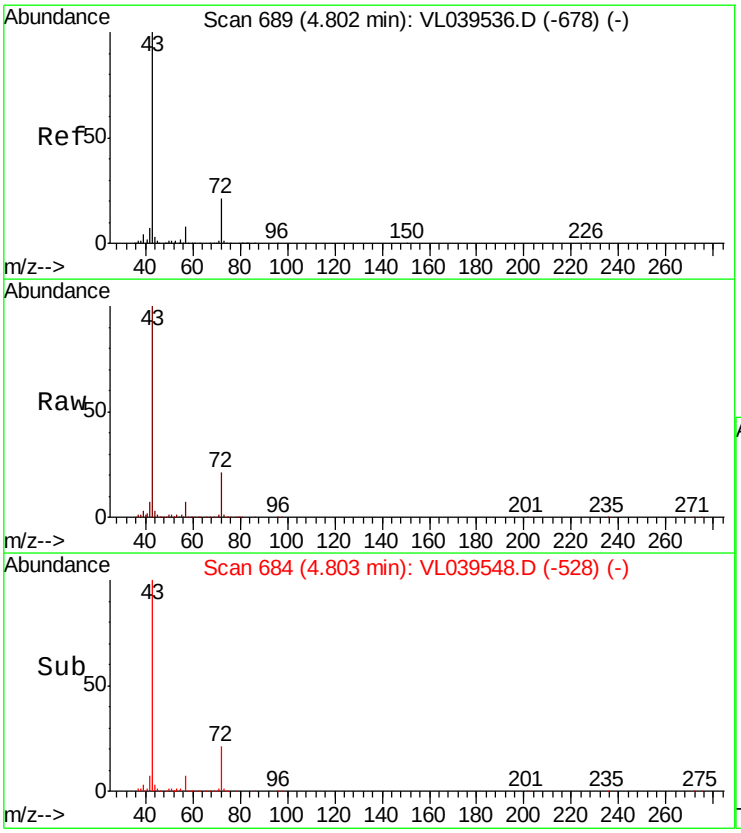
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.66
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:114 Resp: 2918070

Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.6	31.0
88	17.9	14.6	22.0

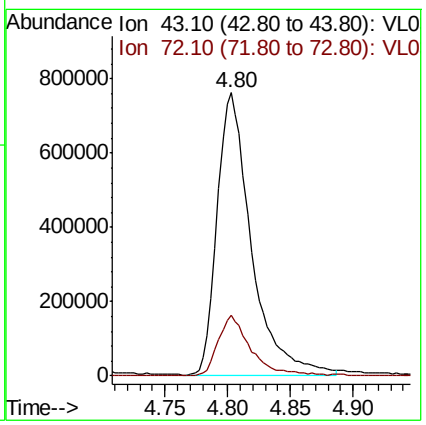


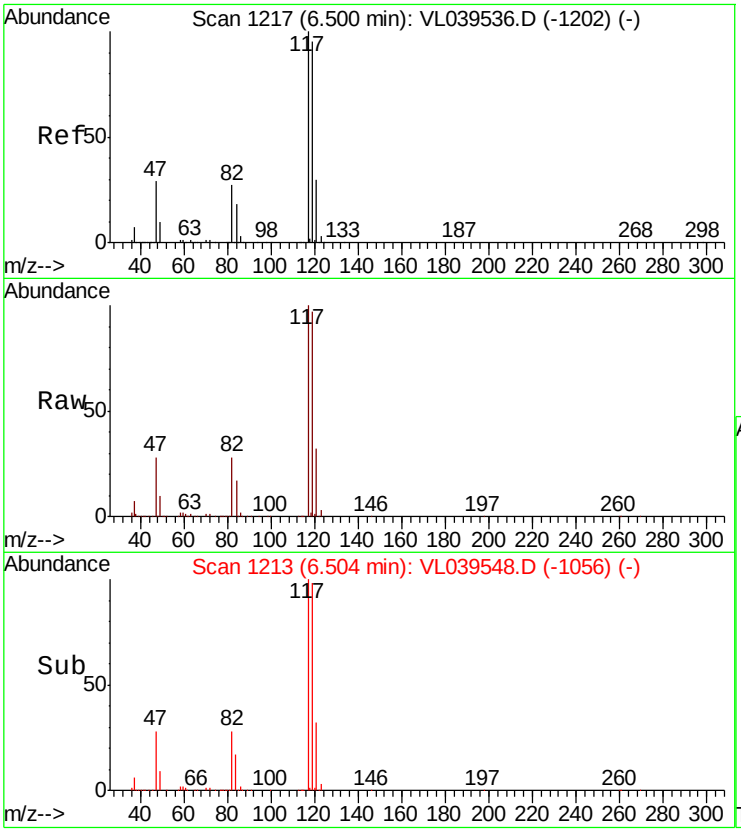


#34
2-Butanone
Concen: 9.812 ppbv
RT: 4.80 min Scan# 684
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 43 Resp: 1439513

Ion	Ratio	Lower	Upper
43	100		
72	21.2	17.4	26.0



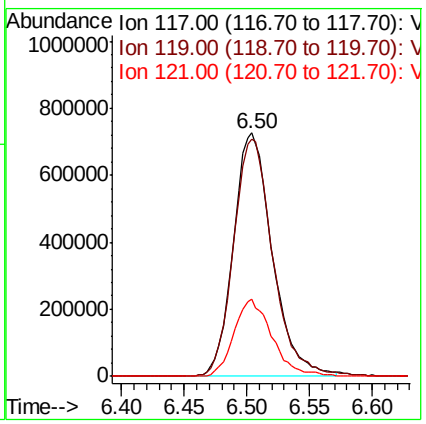


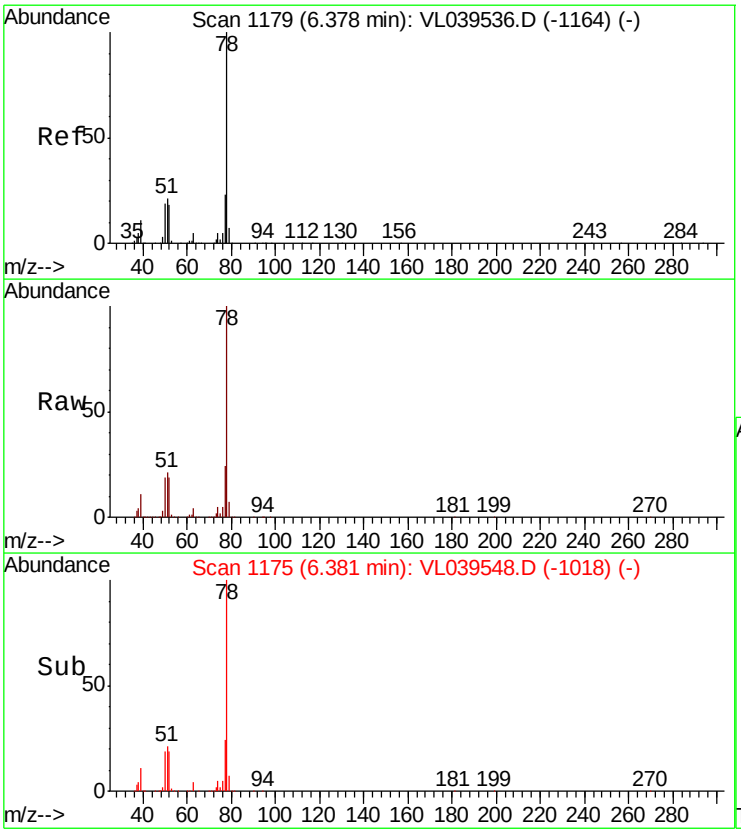
#35
Carbon Tetrachloride
Concen: 9.531 ppbv
RT: 6.50
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:117 Resp: 1564690

Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.2	114.4
121	31.9	24.4	36.6

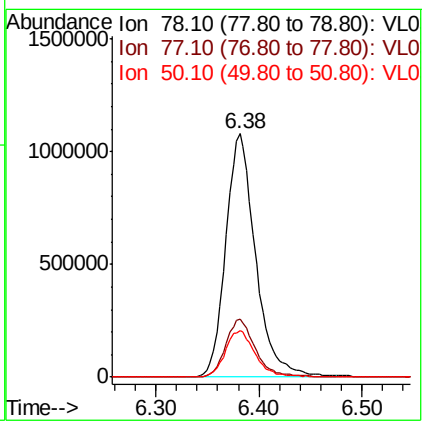


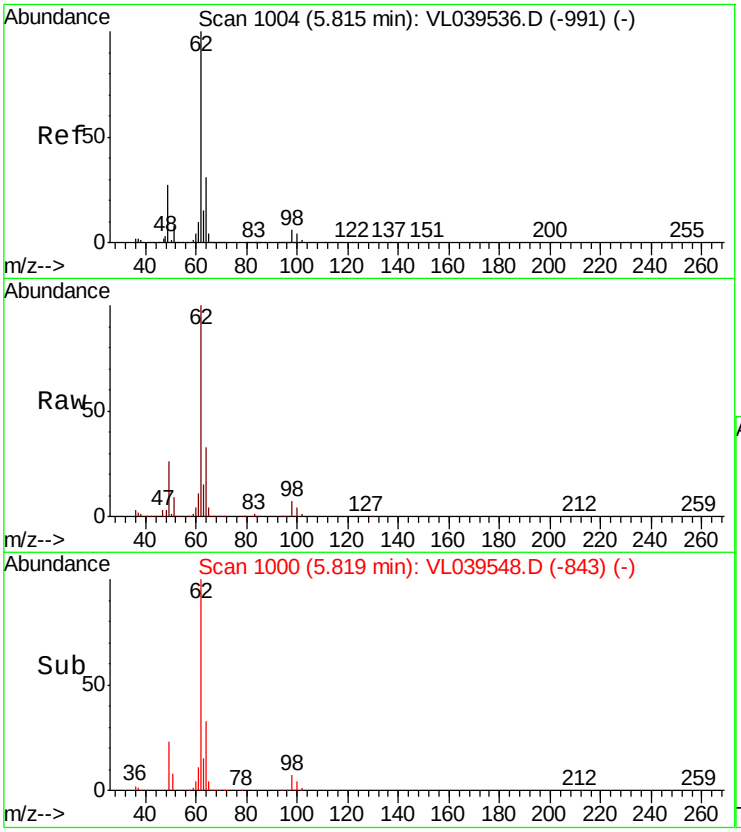


#36
Benzene
Concen: 9.801 ppbv
RT: 6.38 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 78 Resp: 2179831

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	27.8
50	19.0	15.0	22.4



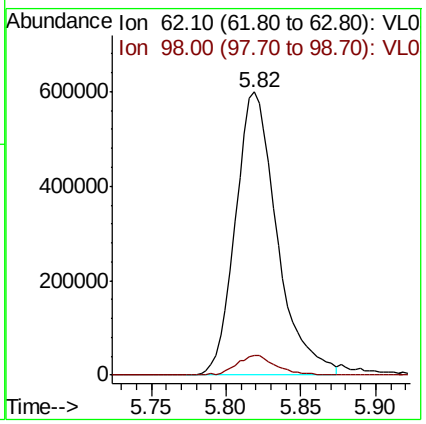


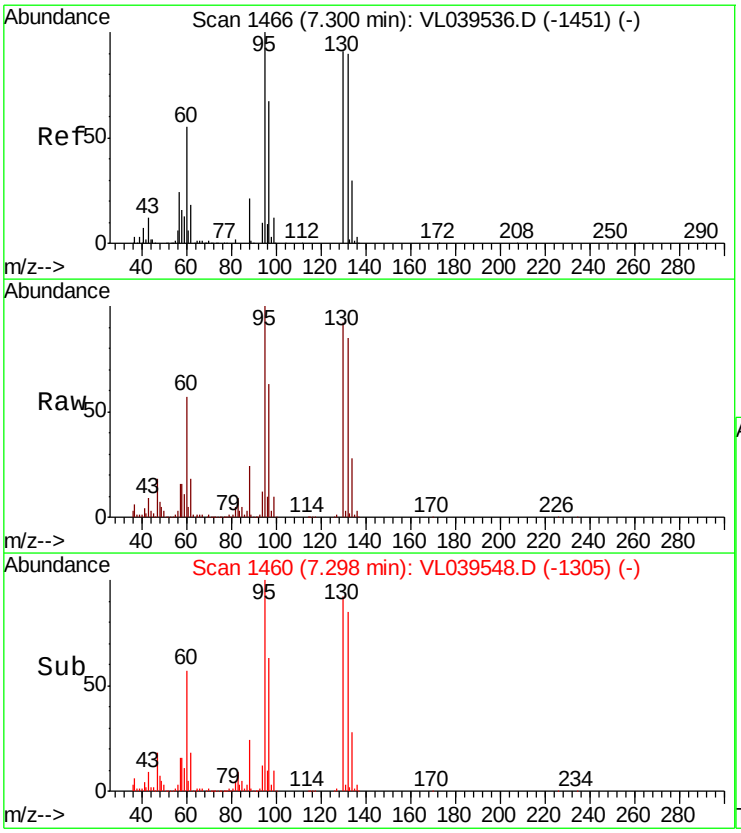
#37
1,2-Dichloroethane
Concen: 9.398 ppbv
RT: 5.82
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 62 Resp: 1161203

Ion	Ratio	Lower	Upper
62	100		
98	6.7	5.4	8.2

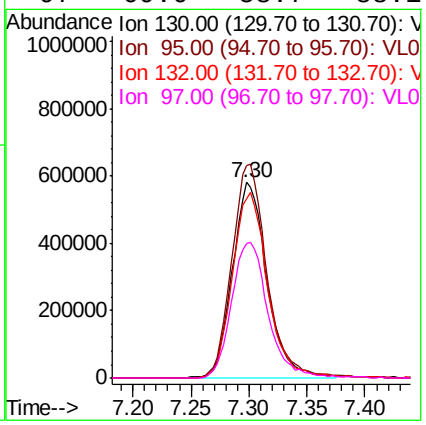


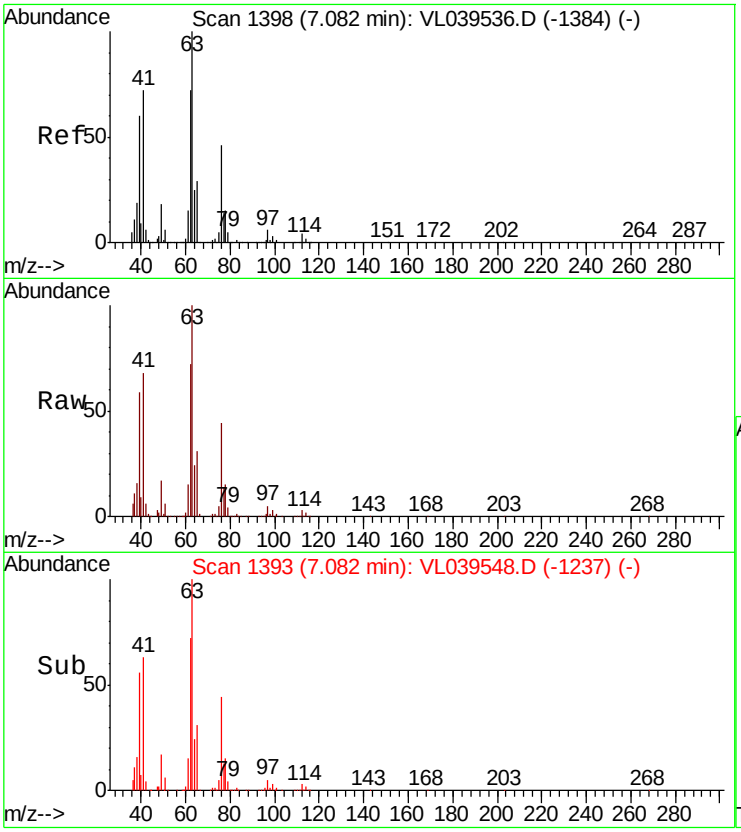


#38
Trichloroethene
Concen: 9.870 ppbv
RT: 7.30 min Scan# 1460
Delta R.T. -0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:130 Resp: 1192426

Ion	Ratio	Lower	Upper
130	100		
95	108.9	88.0	132.0
132	92.1	79.1	118.7
97	69.0	58.7	88.1



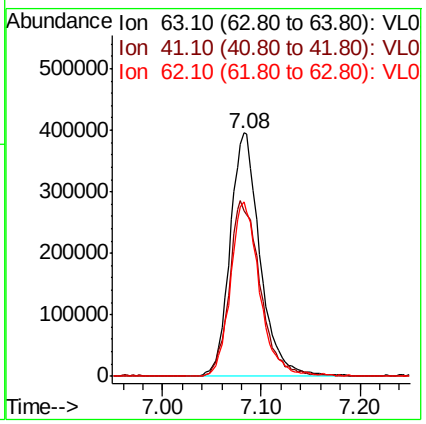


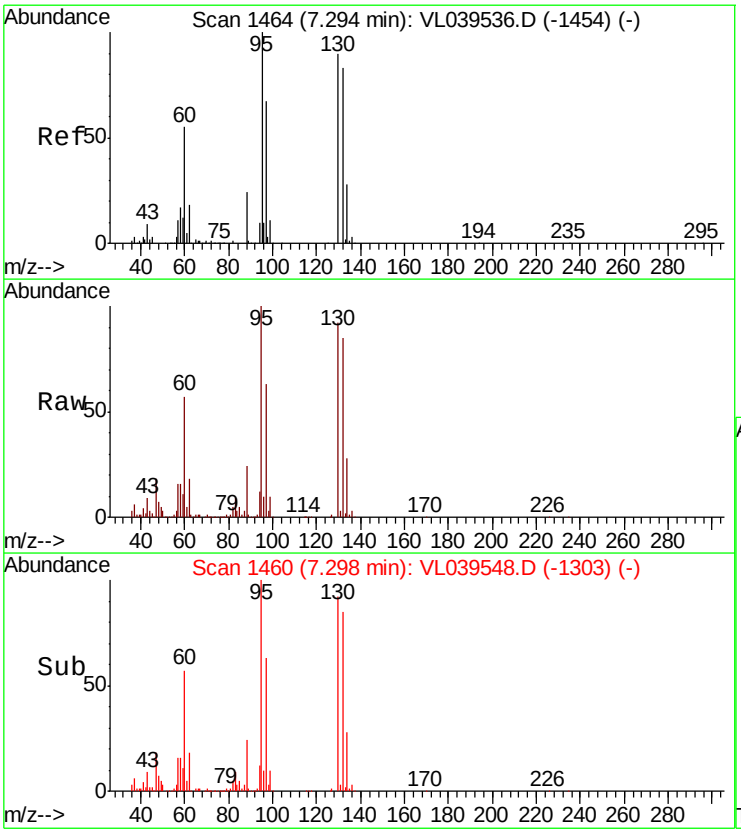
#39
1,2-Dichloropropane
Concen: 10.023 ppbv
RT: 7.08
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 63 Resp: 835462

Ion	Ratio	Lower	Upper
63	100		
41	68.0	58.0	87.0
62	71.7	57.8	86.8

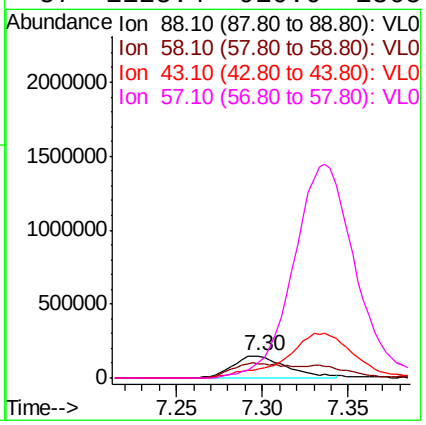


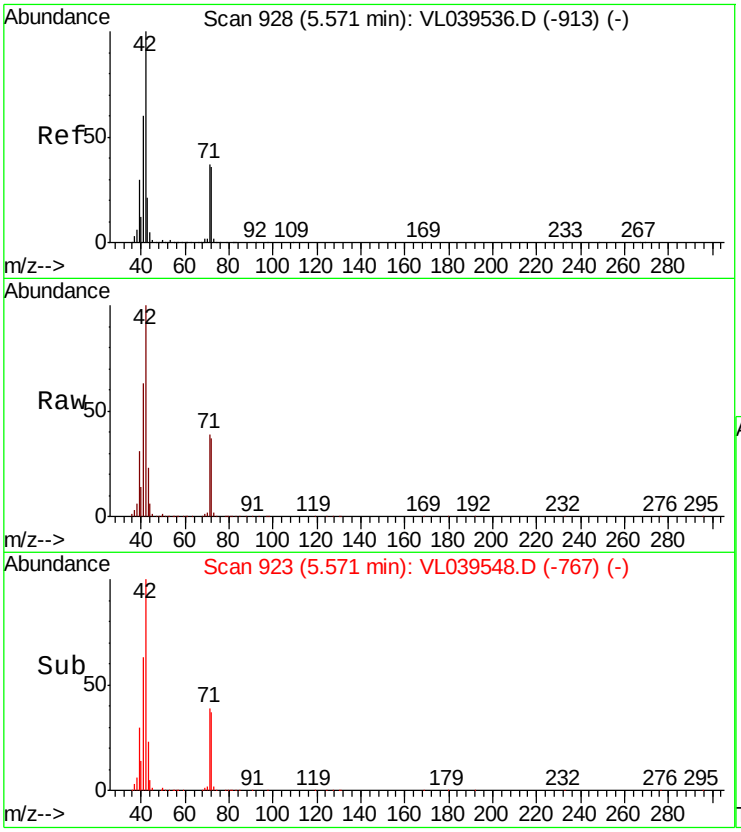


#40
1,4-Dioxane
Concen: 9.825 ppbv
RT: 7.30 min Scan# 1460
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 88 Resp: 324918

Ion	Ratio	Lower	Upper
88	100		
58	124.9	102.8	154.2
43	261.5	216.2	324.2
57	1125.4	910.0	1365.0



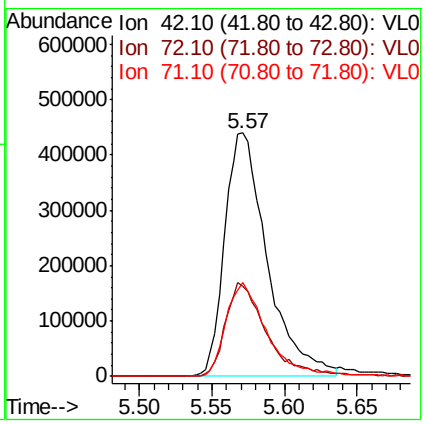


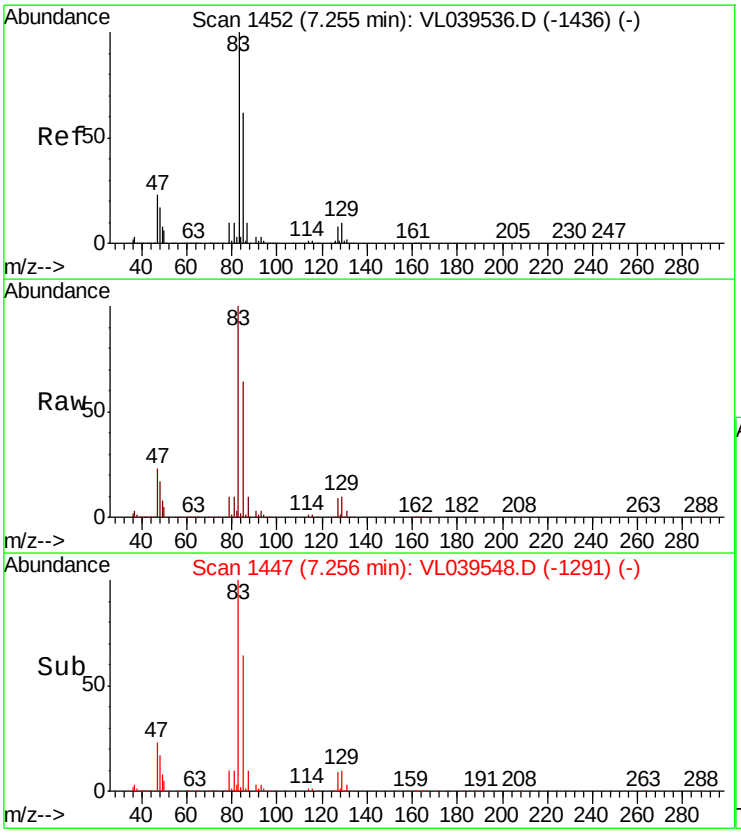
#41
Tetrahydrofuran
Concen: 10.330 ppbv
RT: 5.57
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 42 Resp: 891563

Ion	Ratio	Lower	Upper
42	100		
72	37.5	30.6	45.8
71	37.9	30.7	46.1

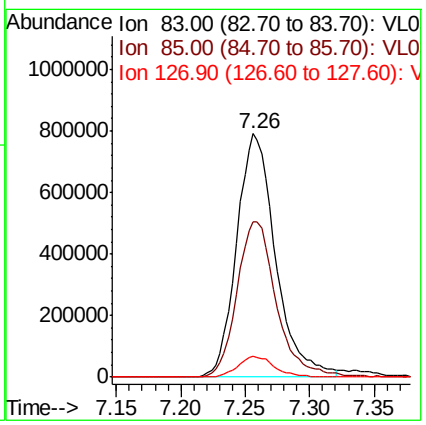


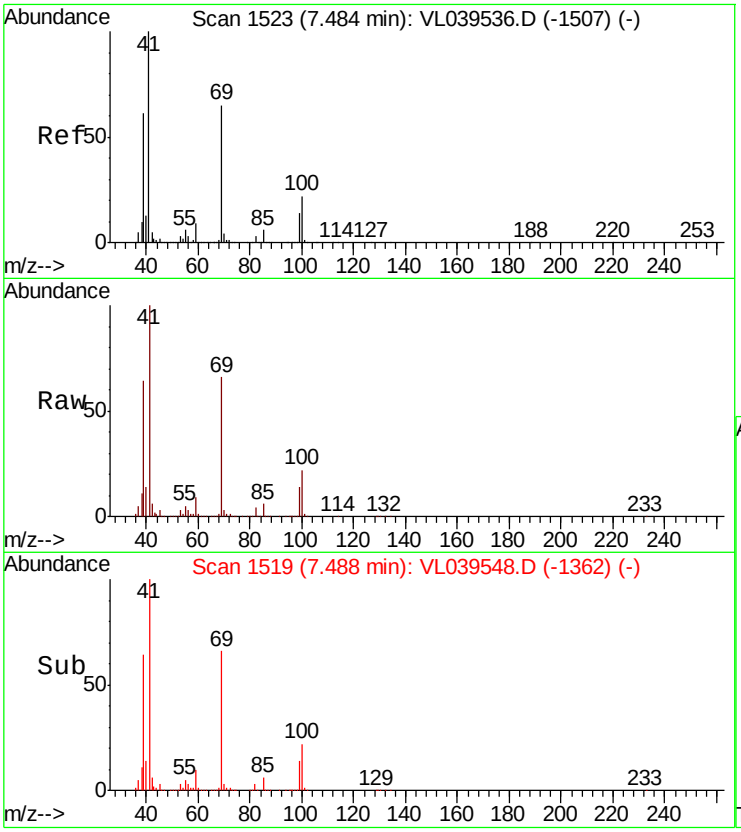


#42
Bromodichloromethane
Concen: 9.831 ppbv
RT: 7.26 min Scan# 1447
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 83 Resp: 1660069

Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.9	74.9
127	8.6	6.7	10.1



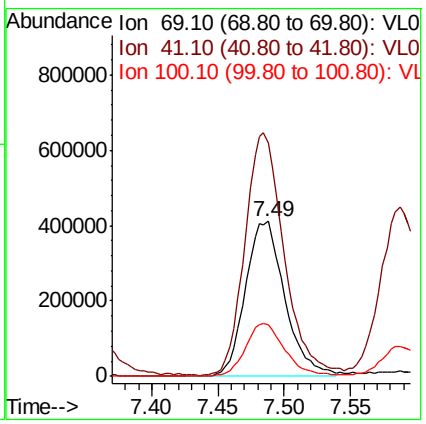


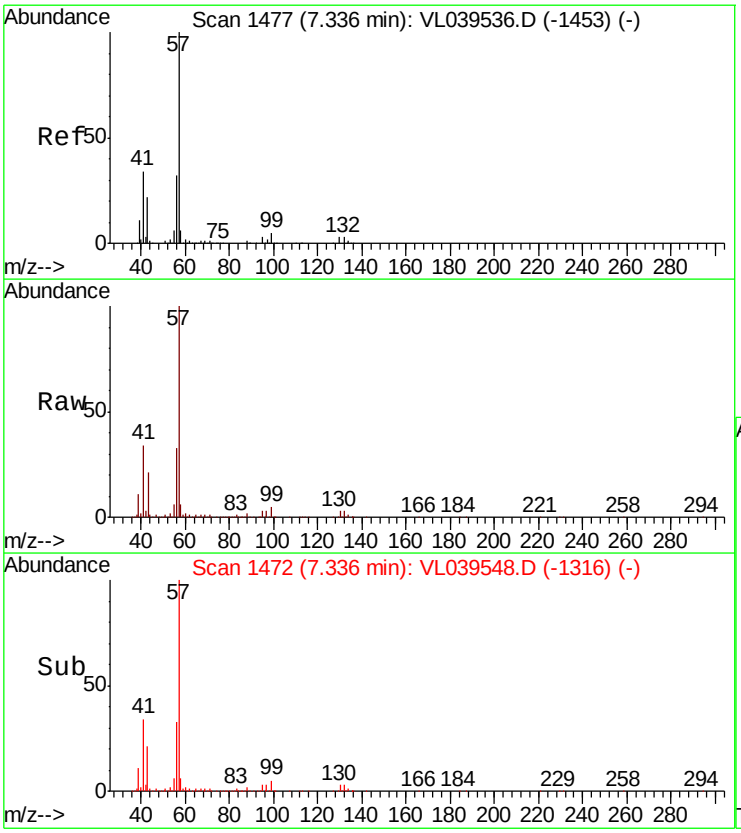
#43
Methyl Methacrylate
Concen: 10.596 ppbv
RT: 7.49
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 69 Resp: 853307

Ion	Ratio	Lower	Upper
69	100		
41	155.8	123.0	184.6
100	34.2	27.4	41.2

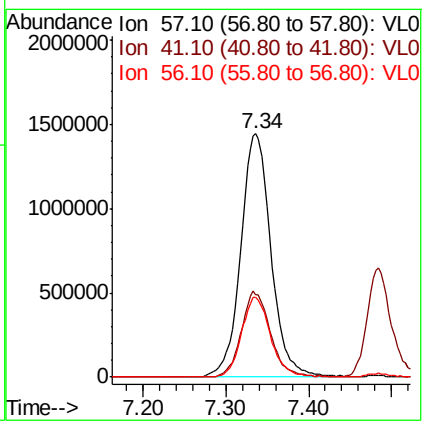


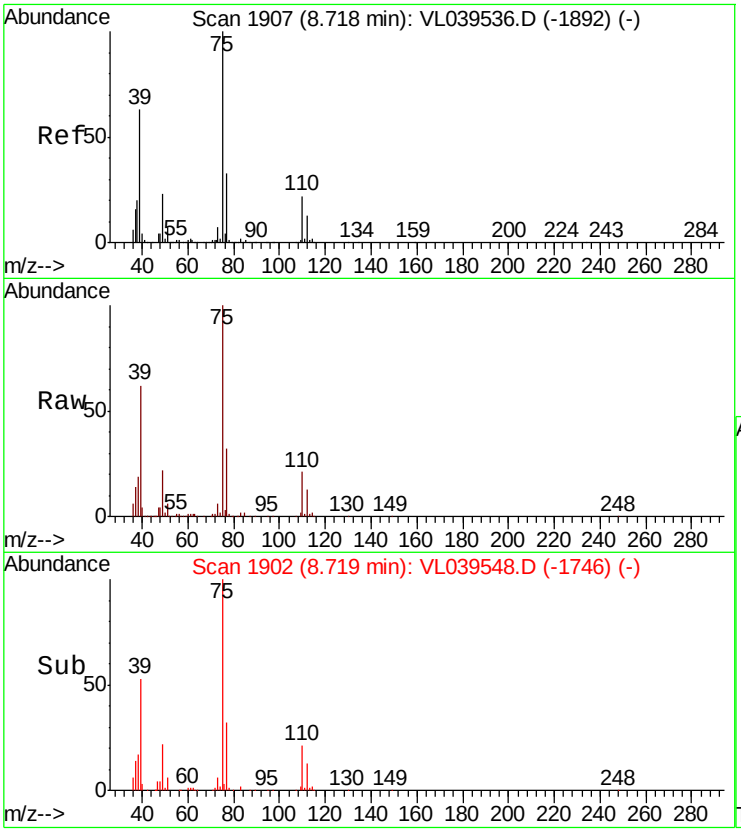


#44
2,2,4-Trimethylpentane
Concen: 9.741 ppbv
RT: 7.34 min Scan# 1472
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 57 Resp: 3649794

Ion	Ratio	Lower	Upper
57	100		
41	33.7	27.8	41.6
56	31.7	25.5	38.3



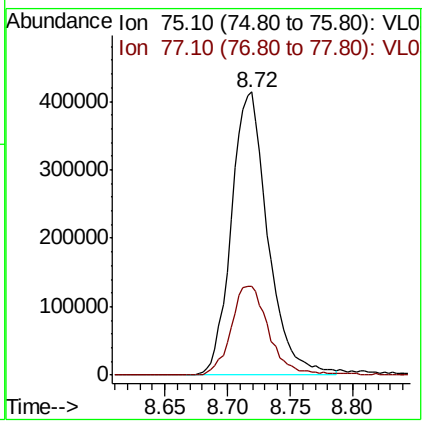


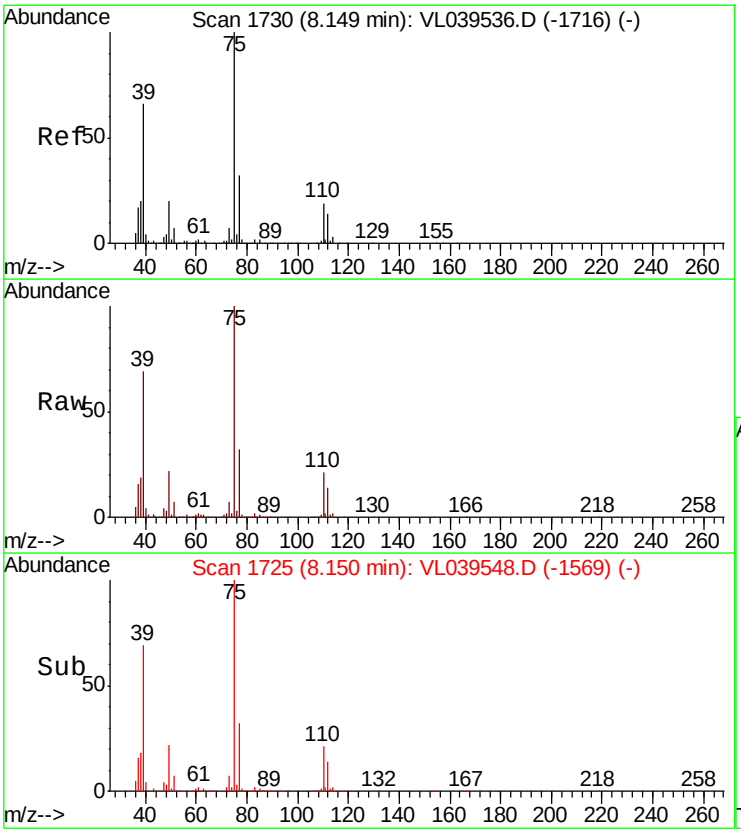
#45
t-1,3-Dichloropropene
Concen: 11.823 ppbv
RT: 8.72
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 75 Resp: 837357

Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.2	39.2

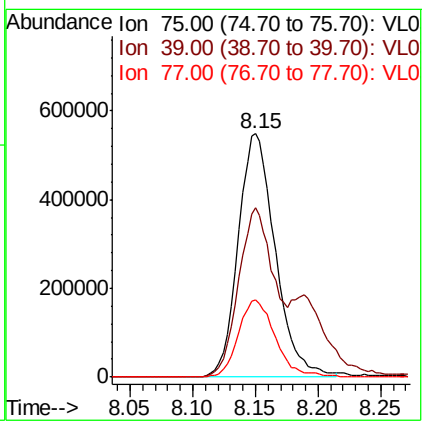


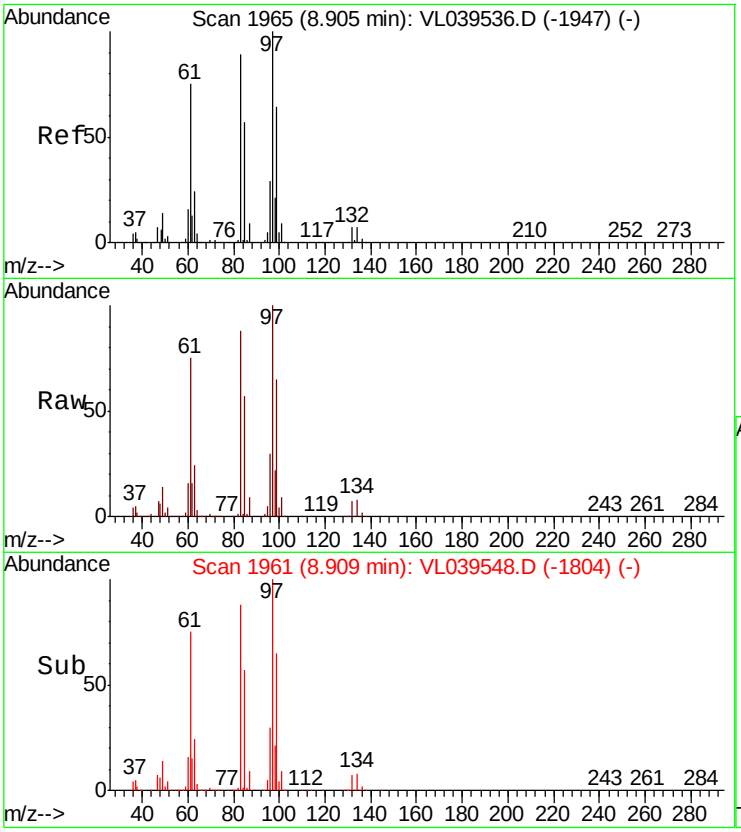


#46
cis-1,3-Dichloropropene
Concen: 11.573 ppbv
RT: 8.15 min Scan# 1725
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 75 Resp: 1127825

Ion	Ratio	Lower	Upper
75	100		
39	69.3	52.8	79.2
77	31.7	25.3	37.9



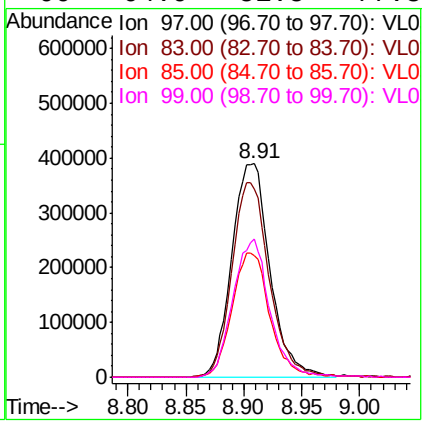


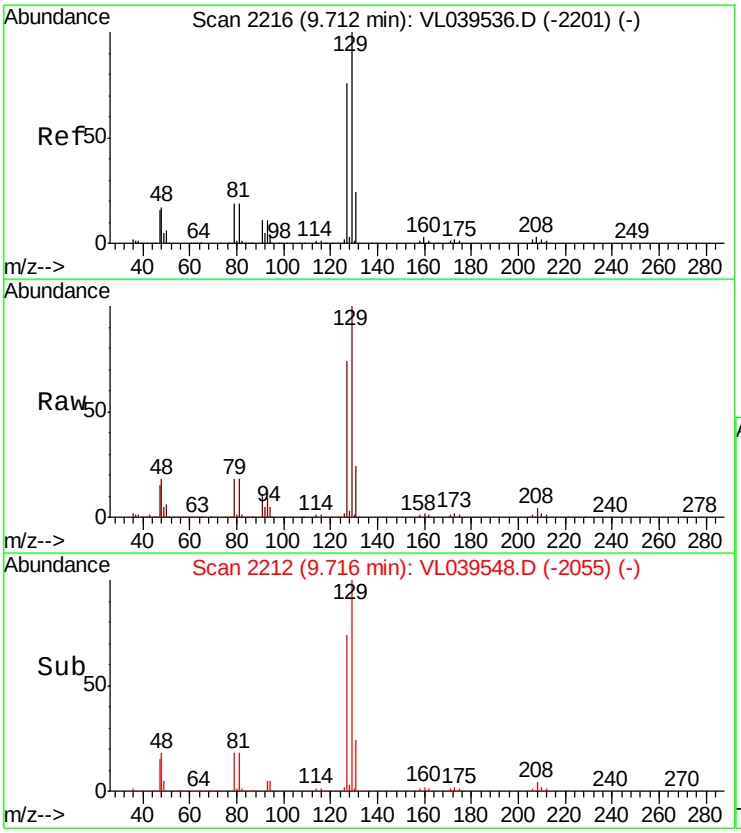
#47
1,1,2-Trichloroethane
Concen: 9.343 ppbv
RT: 8.91
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 97 Resp: 892371

Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.8	106.2
85	56.6	45.4	68.2
99	64.9	51.5	77.3

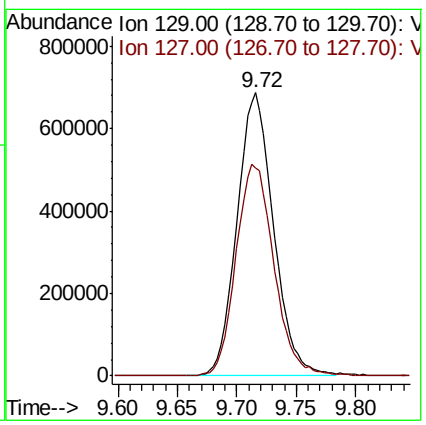


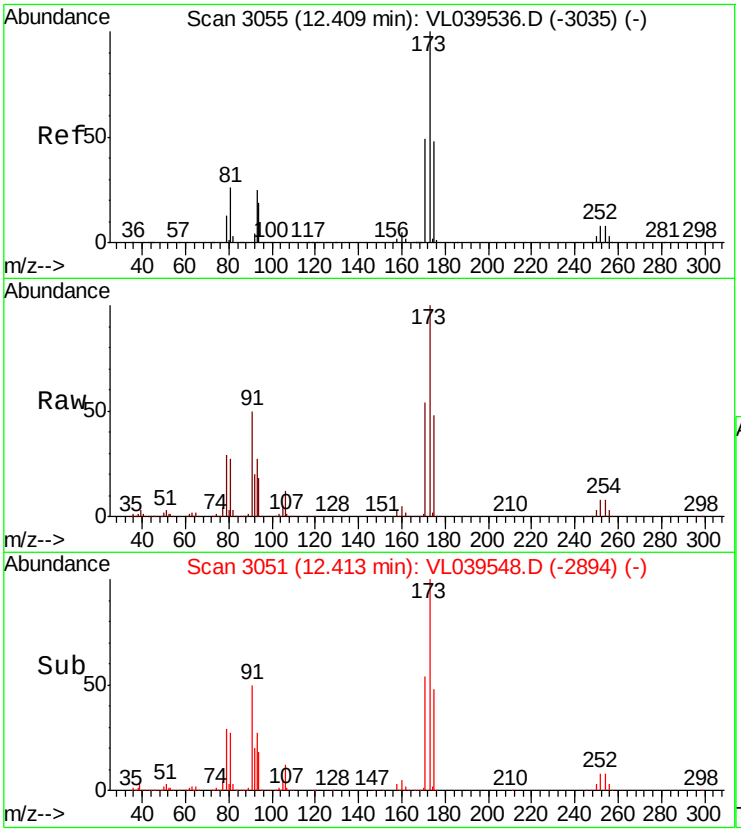


#48
Dibromochloromethane
Concen: 10.290 ppbv
RT: 9.72 min Scan# 2212
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:129 Resp: 1461258

Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.8	116.3



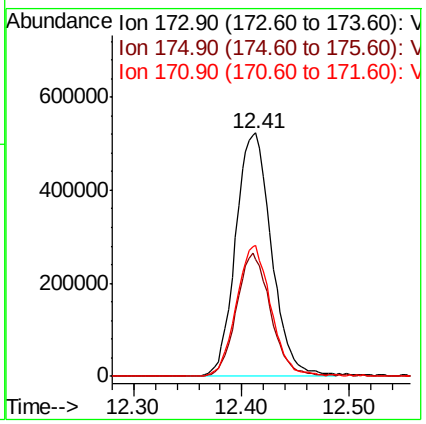


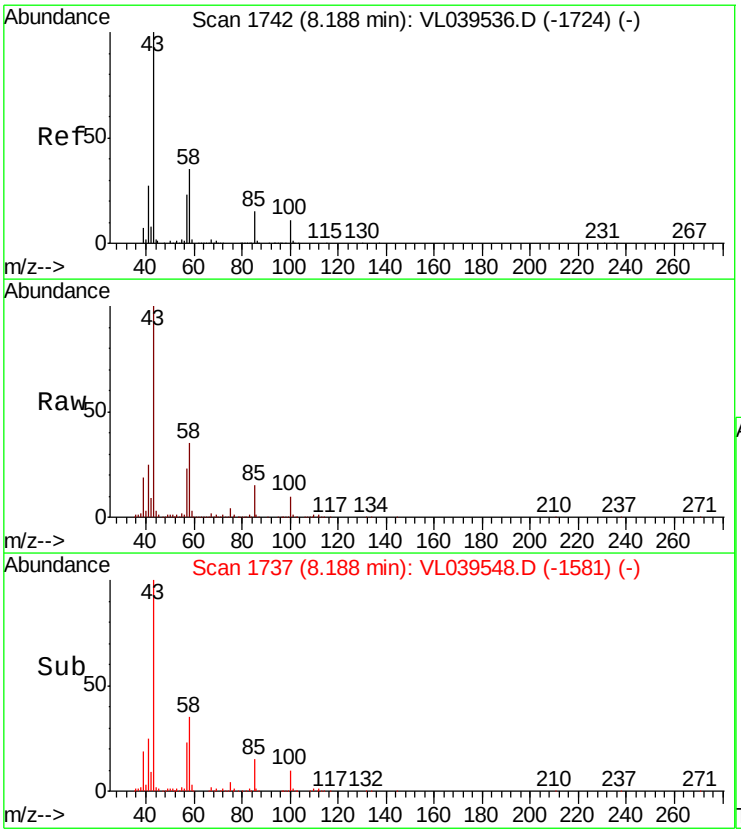
#49
Bromoform
Concen: 10.328 ppbv
RT: 12.41
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:173 Resp: 1213300

Ion	Ratio	Lower	Upper
173	100		
175	48.9	0.0	0.0#
171	51.9	0.0	0.0#

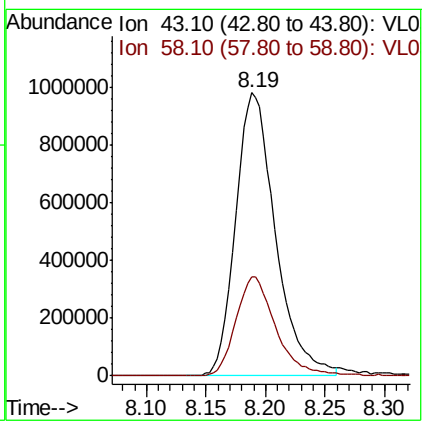


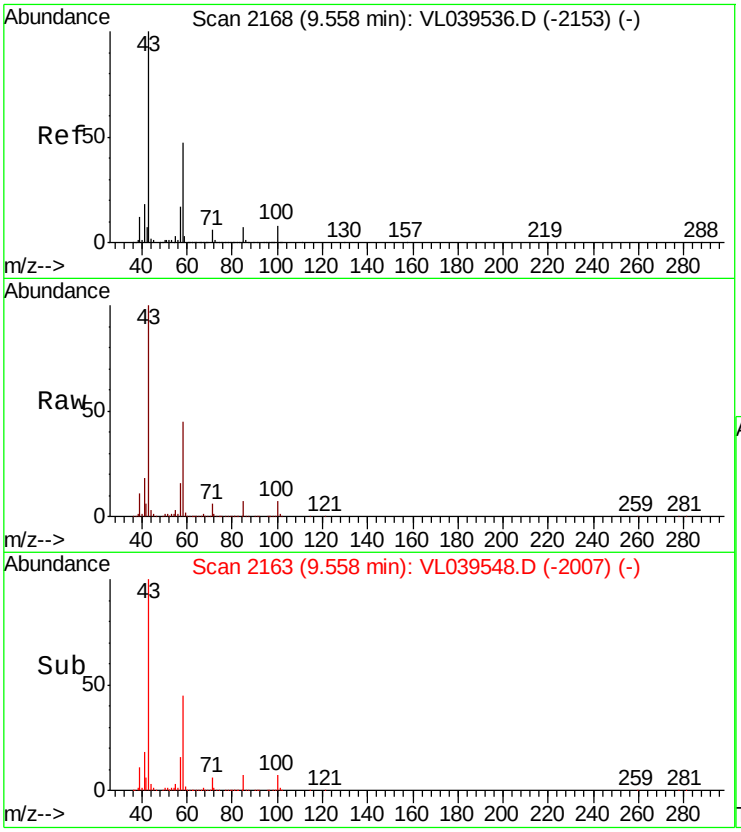


#50
4-Methyl-2-Pentanone
Concen: 10.078 ppbv
RT: 8.19 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 43 Resp: 2274848

Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.0	42.0



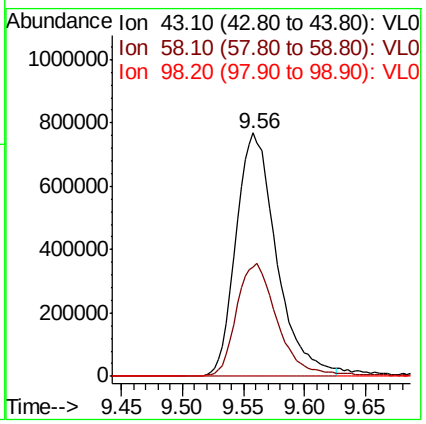


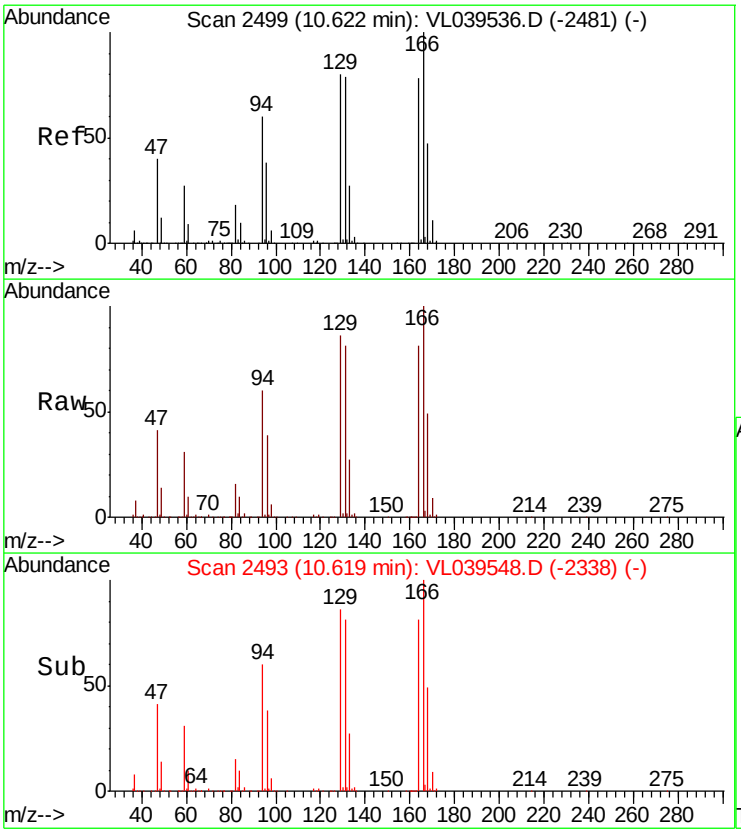
#51
2-Hexanone
Concen: 10.586 ppbv
RT: 9.56
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 43 Resp: 1761249

Ion	Ratio	Lower	Upper
43	100		
58	47.5	37.5	56.3
98	0.4	0.5	0.7#

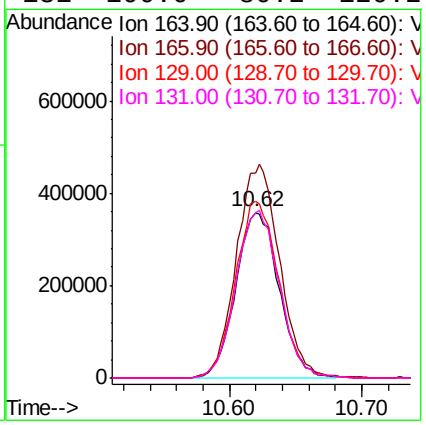


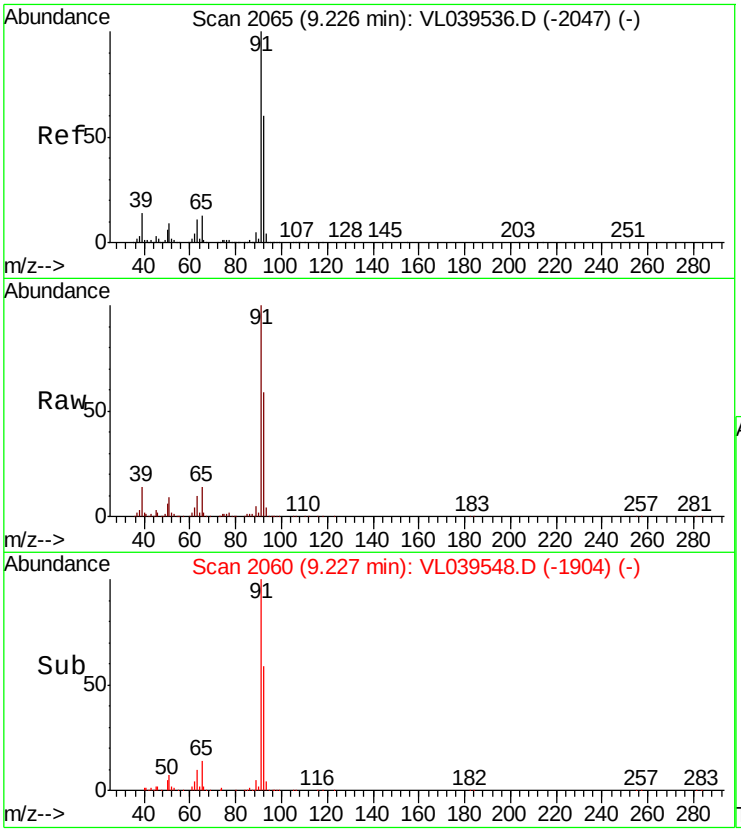


#52
Tetrachloroethene
Concen: 9.310 ppbv
RT: 10.62 min Scan# 2493
Delta R.T. -0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:164 Resp: 811038

Ion	Ratio	Lower	Upper
164	100		
166	123.6	102.0	153.0
129	106.3	81.7	122.5
131	100.0	80.2	120.2



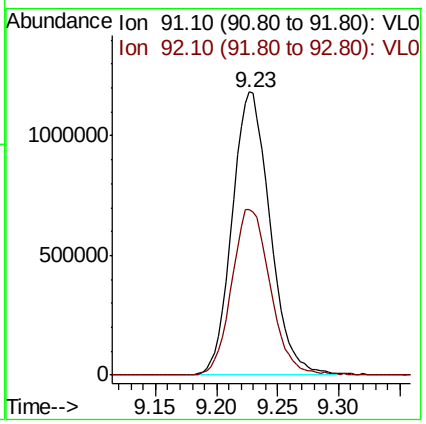


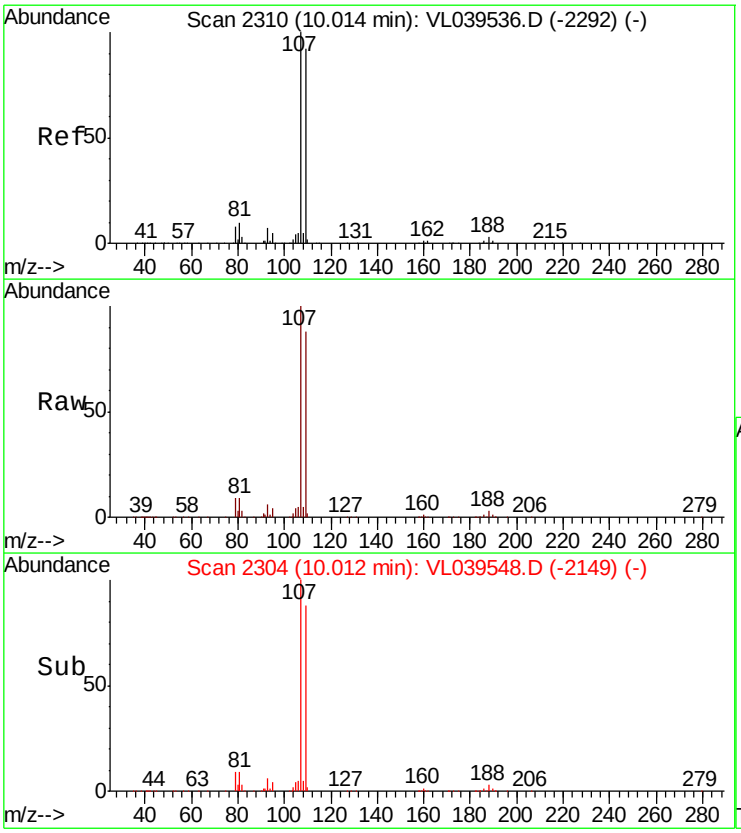
#53
Toluene
Concen: 10.188 ppbv
RT: 9.23
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 91 Resp: 2538568

Ion	Ratio	Lower	Upper
91	100		
92	60.1	47.9	71.9

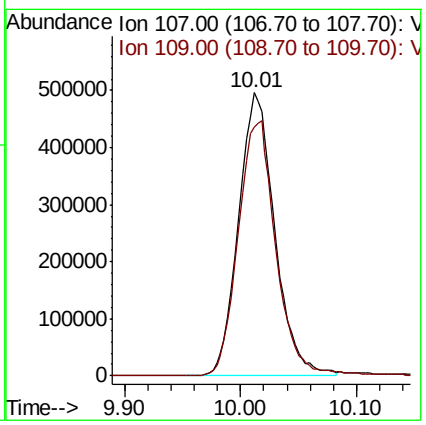


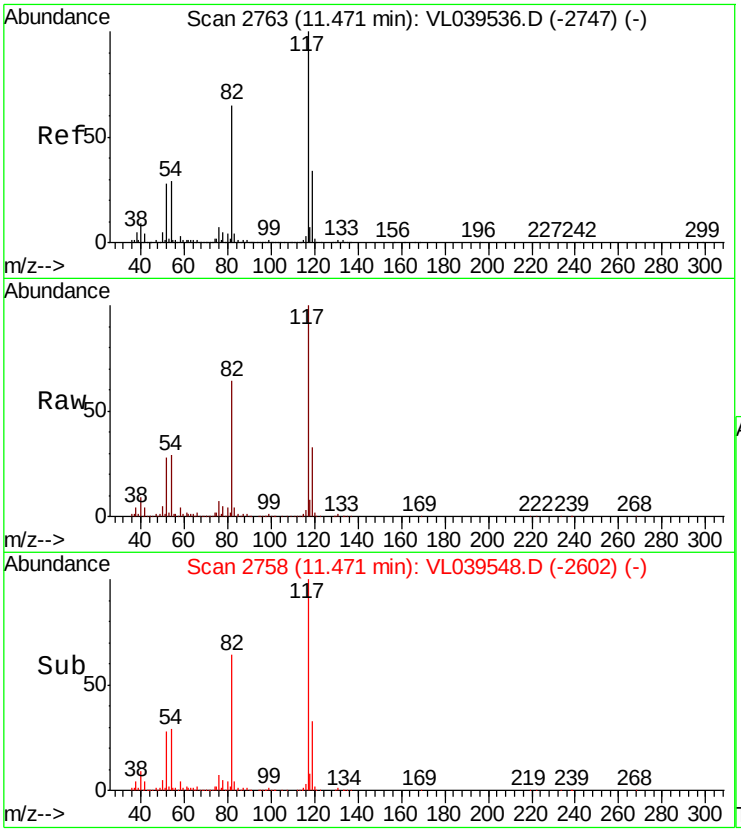


#54
1,2-Dibromoethane
Concen: 9.897 ppbv
RT: 10.01 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:107 Resp: 1078304

Ion	Ratio	Lower	Upper
107	100		
109	87.8	73.4	110.2



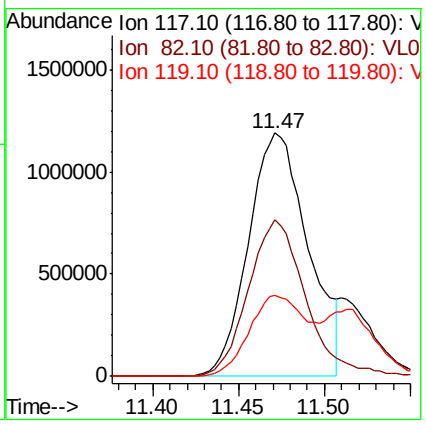


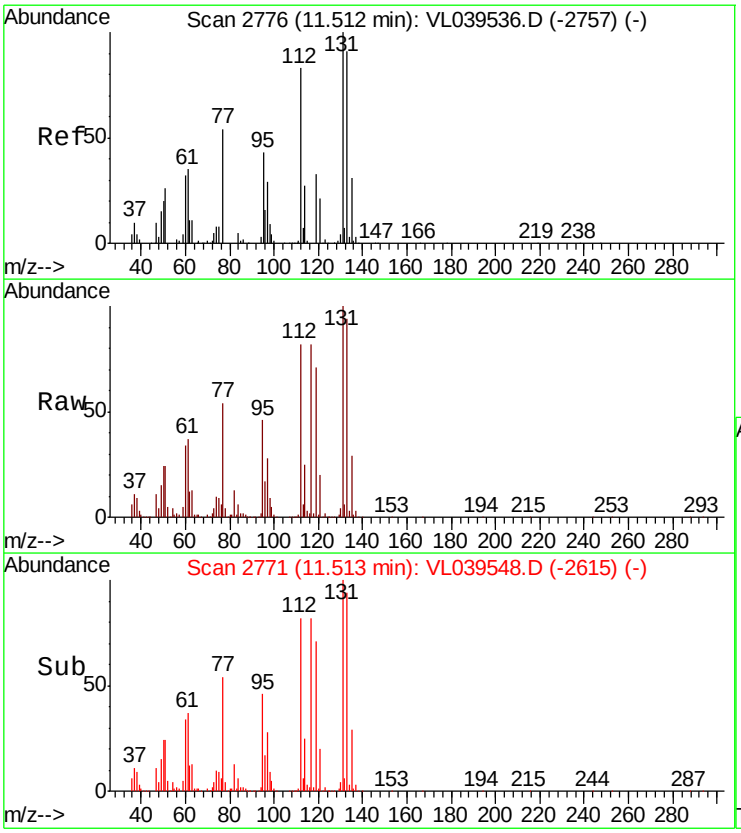
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.47
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:117 Resp: 2862988

Ion	Ratio	Lower	Upper
117	100		
82	62.2	49.1	73.7
119	32.8	25.9	38.9

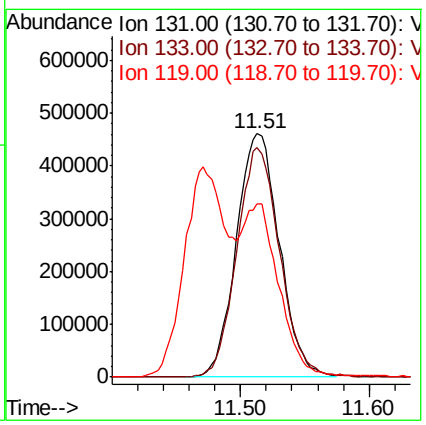


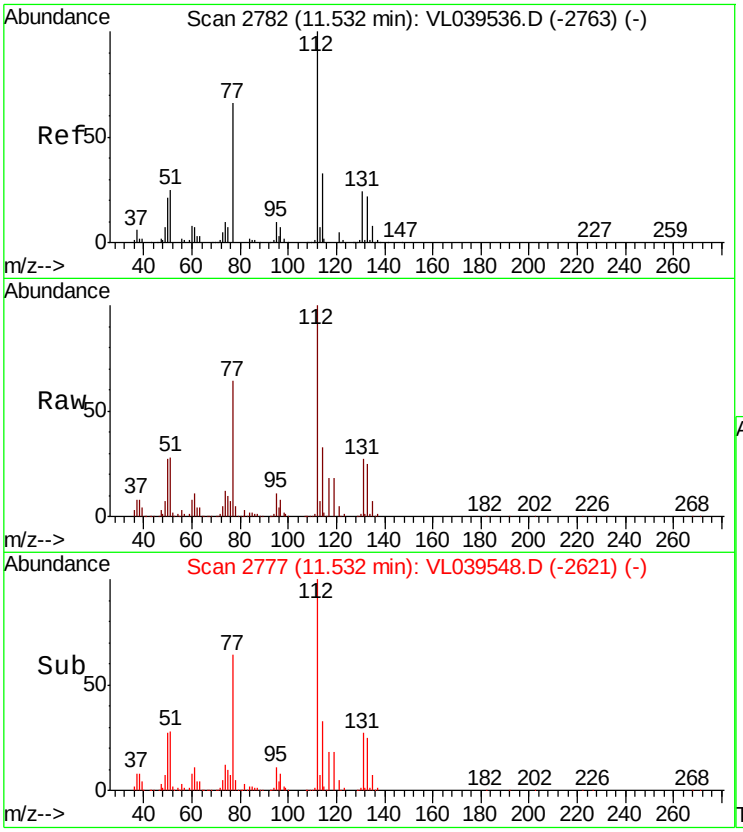


#56
1,1,1,2-Tetrachloroethane
Concen: 9.068 ppbv
RT: 11.51 min Scan# 2771
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:131 Resp: 1068598

Ion	Ratio	Lower	Upper
131	100		
133	94.5	75.4	113.2
119	60.9	47.4	71.2



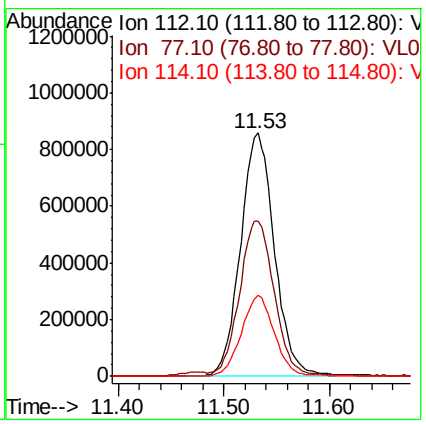


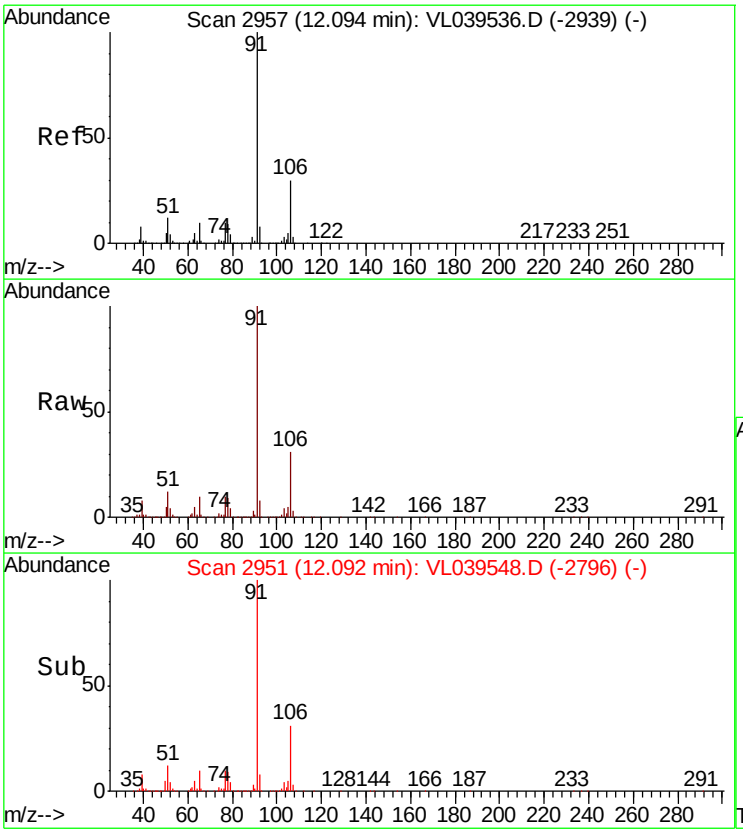
#57
Chlorobenzene
Concen: 8.910 ppbv
RT: 11.53
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:112 Resp: 1917923

Ion	Ratio	Lower	Upper
112	100		
77	63.1	53.4	80.0
114	33.1	29.5	36.1

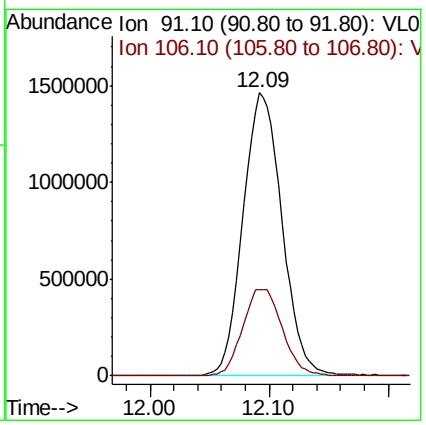


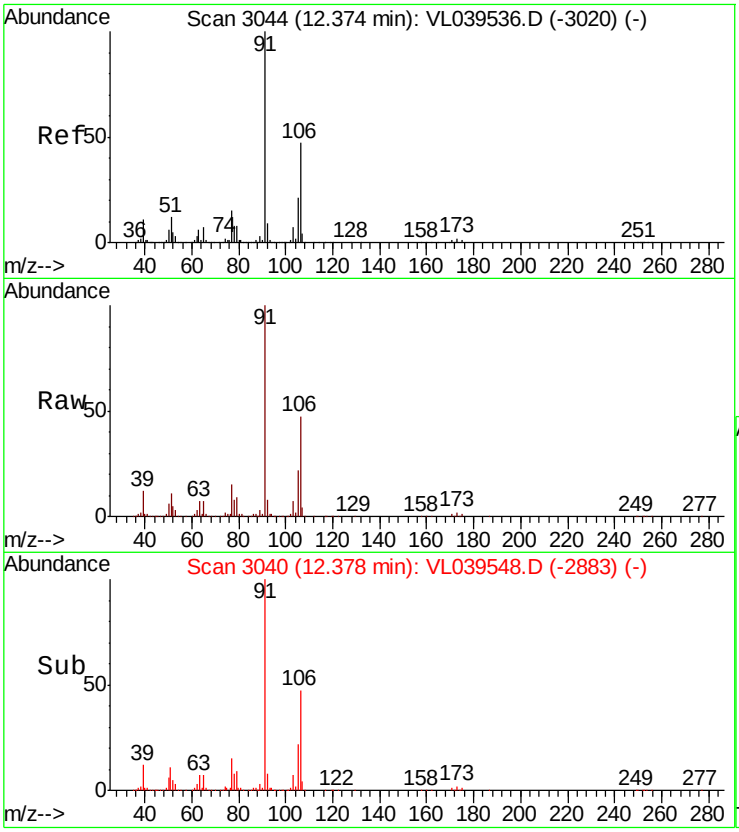


#58
Ethyl Benzene
Concen: 9.998 ppbv
RT: 12.09 min Scan# 2951
Delta R.T. -0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 91 Resp: 3314667

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.4



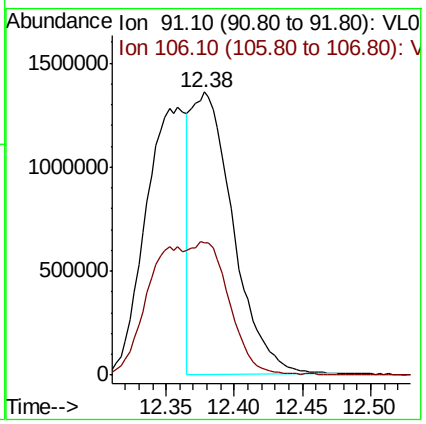


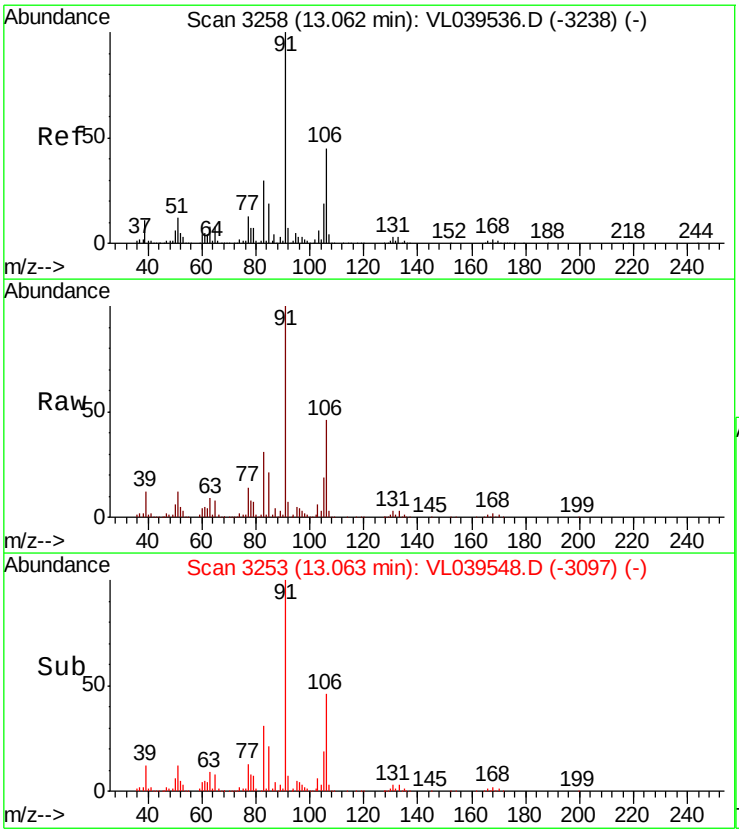
#59
m/p-Xylene
Concen: 9.678 ppbv
RT: 12.38
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 91 Resp: 2884769

Ion	Ratio	Lower	Upper
91	100		
106	87.9	0.0	0.0#

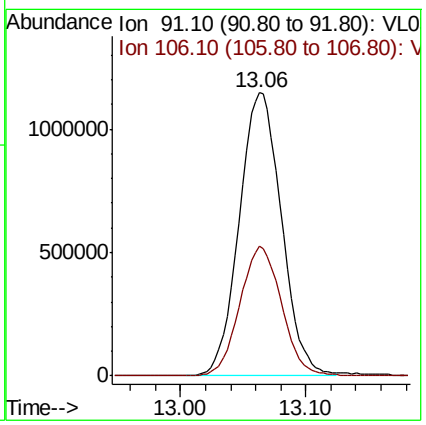


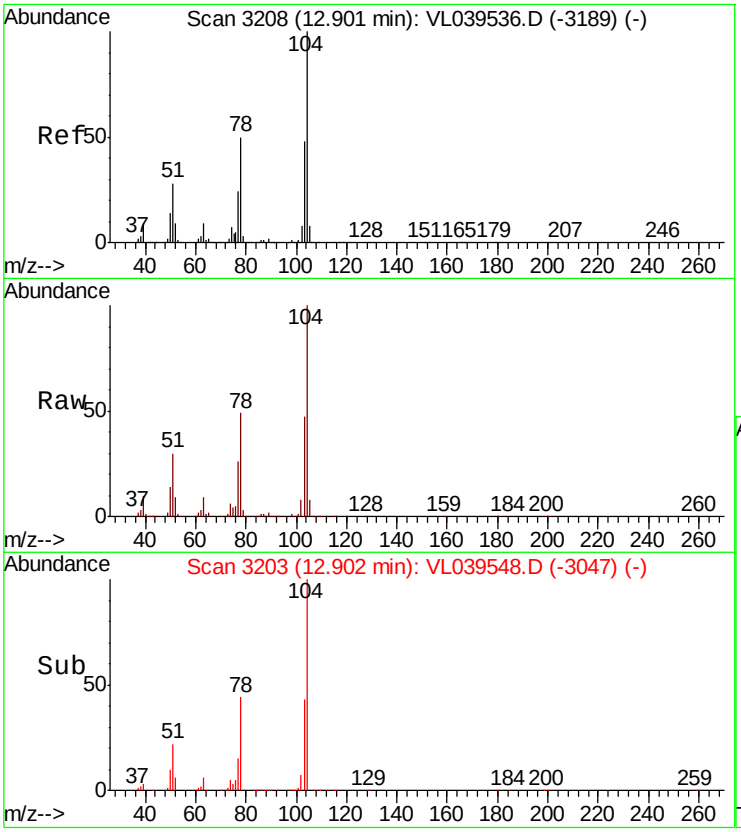


#60
o-Xylene
Concen: 9.349 ppbv
RT: 13.06 min Scan# 3253
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 91 Resp: 2672017

Ion	Ratio	Lower	Upper
91	100		
106	45.6	22.7	68.0



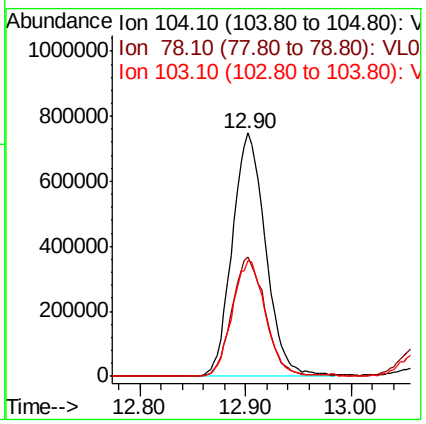


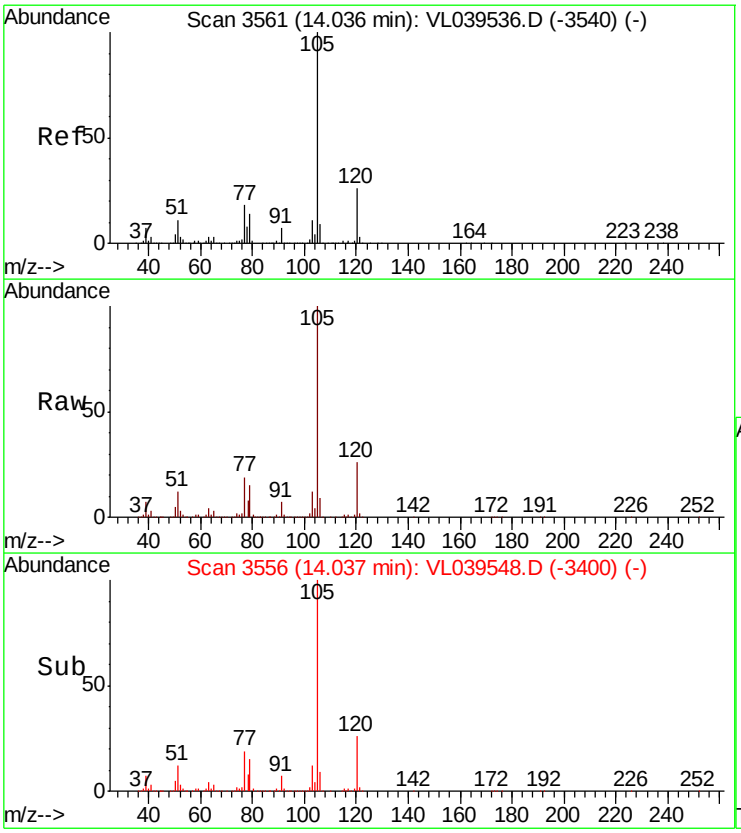
#61
Stvrene
Concen: 10.786 ppbv
RT: 12.90
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:104 Resp: 1644528

Ion	Ratio	Lower	Upper
104	100		
78	49.6	40.0	60.0
103	47.9	38.2	57.2

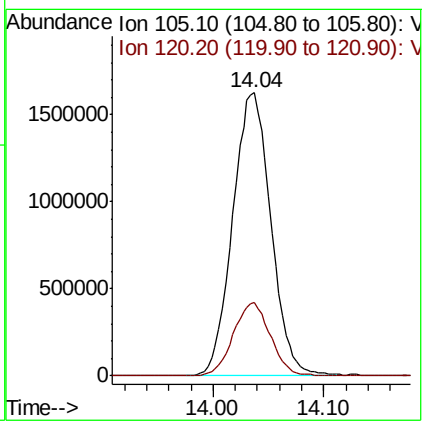


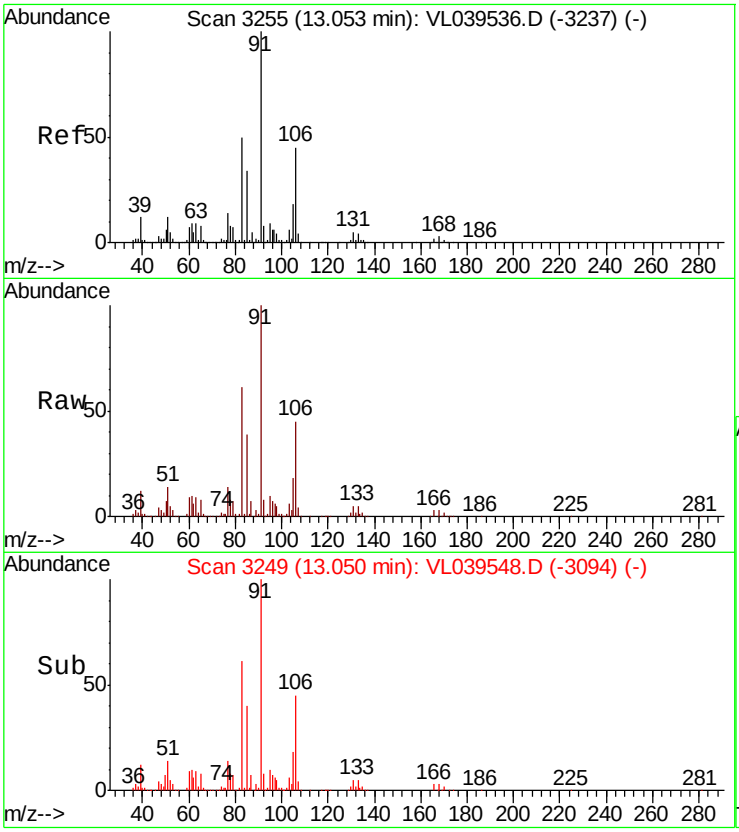


#62
Isopropylbenzene
Concen: 9.027 ppbv
RT: 14.04 min Scan# 3556
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:105 Resp: 3904031

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.6	30.8



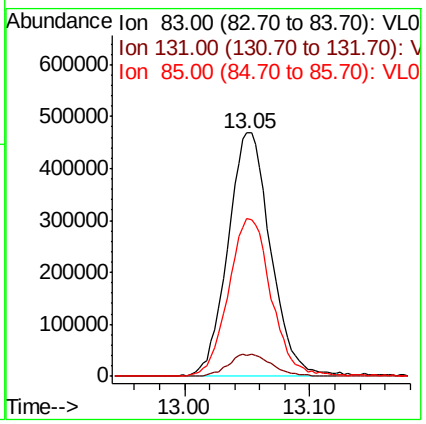


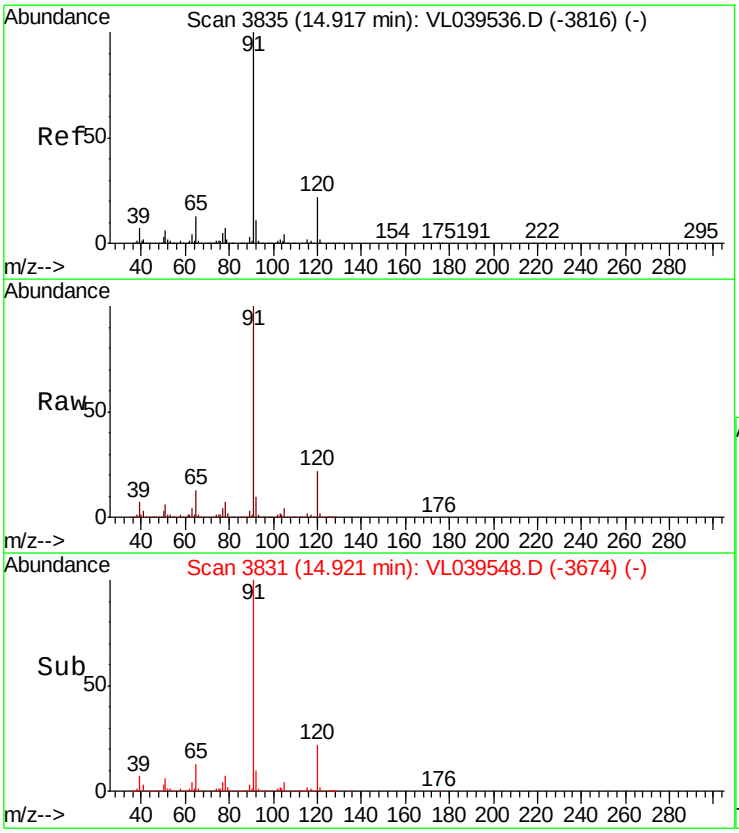
#63
1,1,2,2-Tetrachloroethane
Concen: 7.632 ppbv
RT: 13.05
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 83 Resp: 1096781

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.7
85	66.1	33.2	99.6

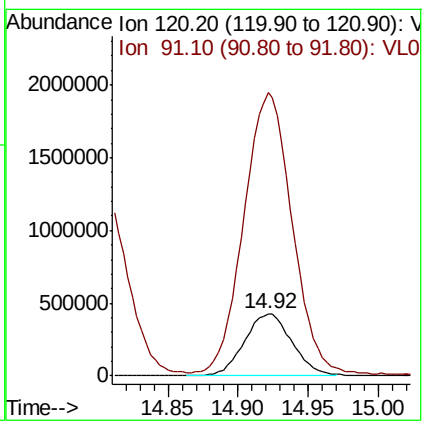


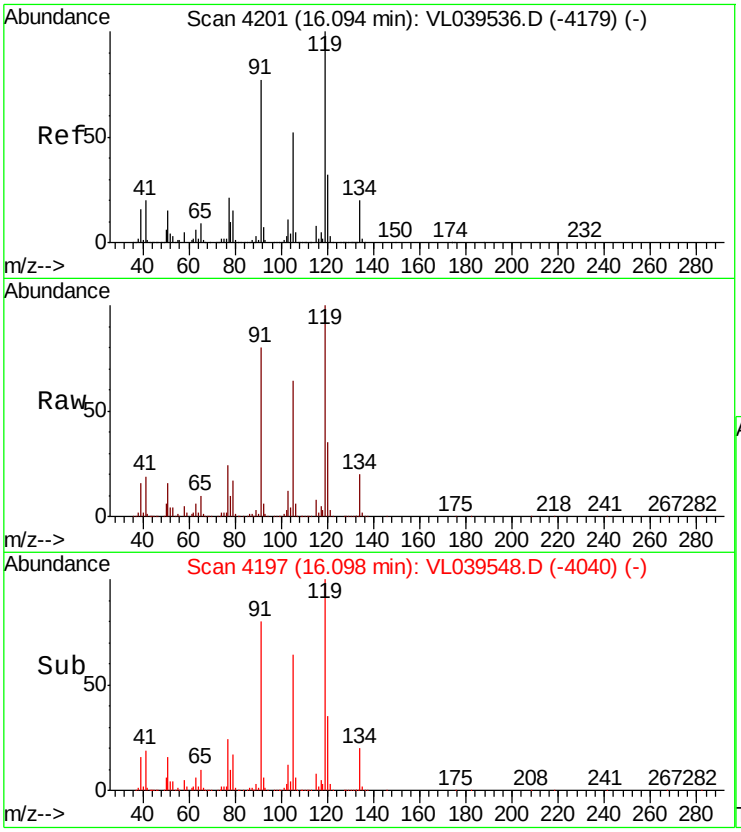


#64
n-propylbenzene
Concen: 8.898 ppbv
RT: 14.92 min Scan# 3831
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:120 Resp: 1003500

Ion	Ratio	Lower	Upper
120	100		
91	472.6	372.6	559.0



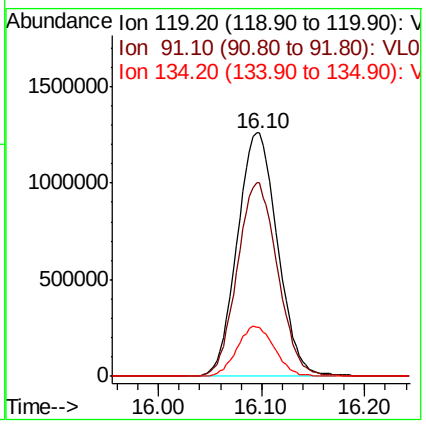


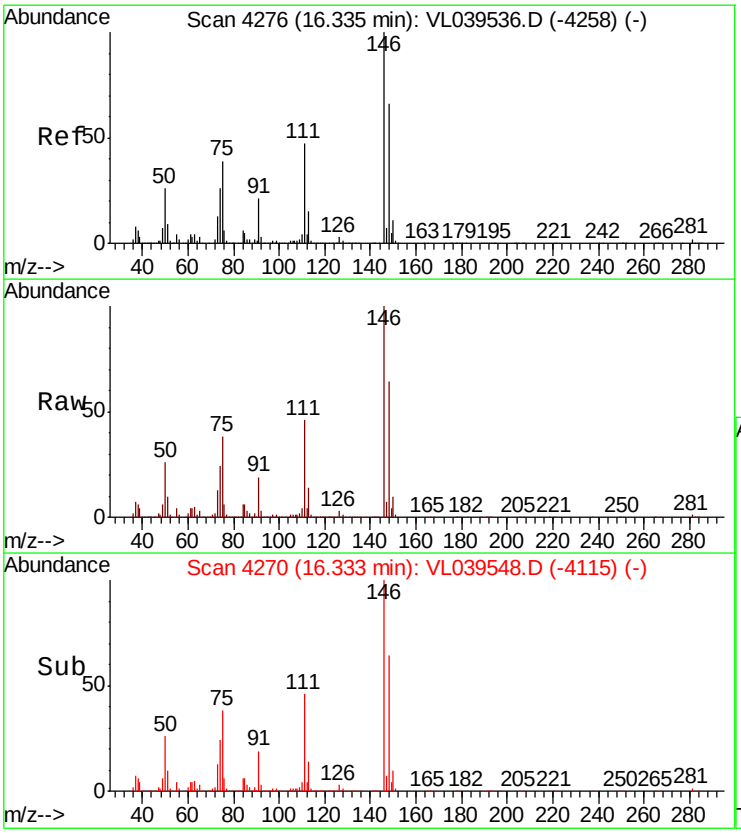
#65
tert-Butylbenzene
Concen: 8.855 ppbv
RT: 16.10
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:119 Resp: 3414586

Ion	Ratio	Lower	Upper
119	100		
91	80.1	63.8	95.8
134	19.3	15.4	23.2

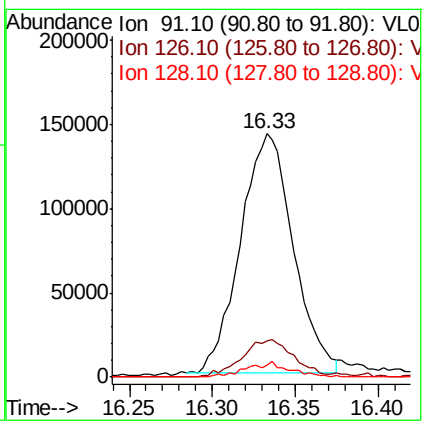


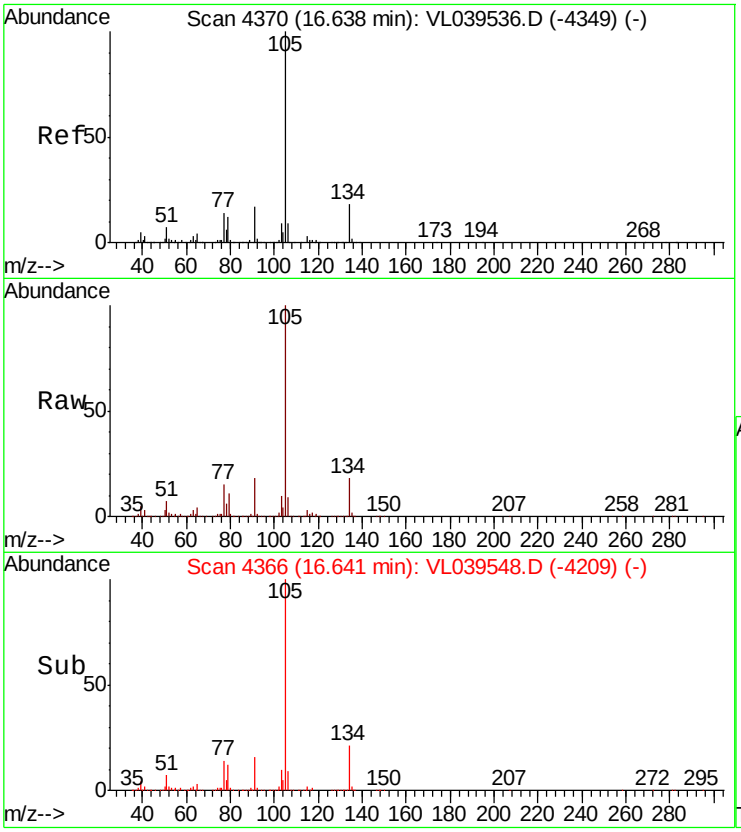


#66
Benzyl Chloride
Concen: 9.510 ppbv
RT: 16.33 min Scan# 4270
Delta R.T. -0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 91 Resp: 314679

Ion	Ratio	Lower	Upper
91	100		
126	16.5	0.0	0.0#
128	5.4	1.5	2.3#



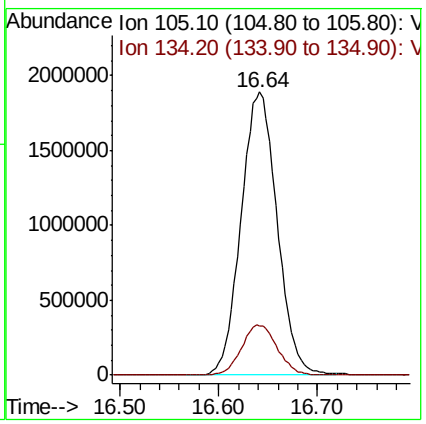


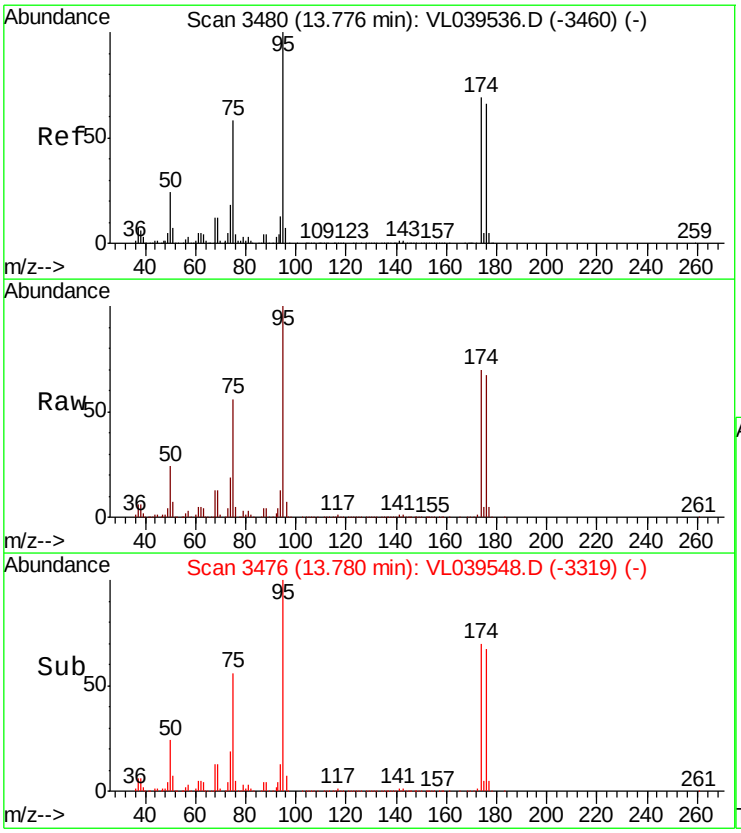
#67
sec-Butylbenzene
Concen: 8.765 ppbv
RT: 16.64
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:105 Resp: 4773275

Ion	Ratio	Lower	Upper
105	100		
134	17.8	14.3	21.5

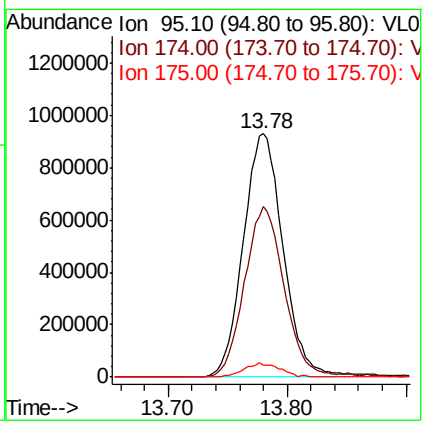


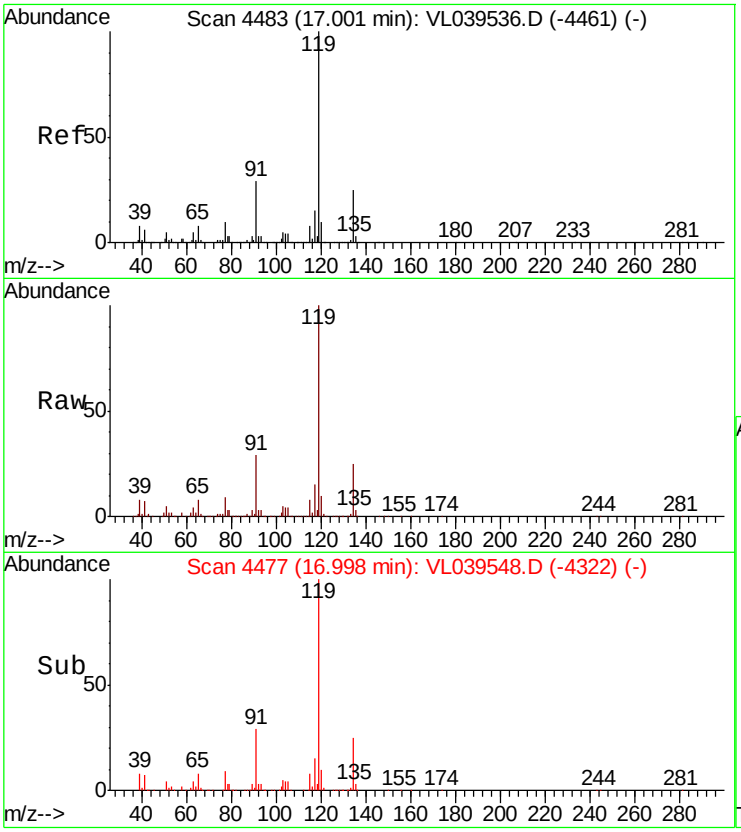


#68
1-Bromo-4-Fluorobenzene
Concen: 9.950 ppbv
RT: 13.78 min Scan# 3476
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 95 Resp: 2144573

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



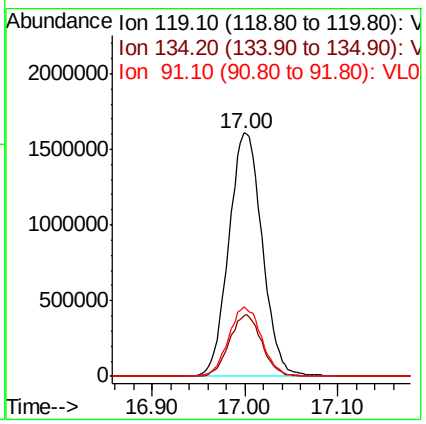


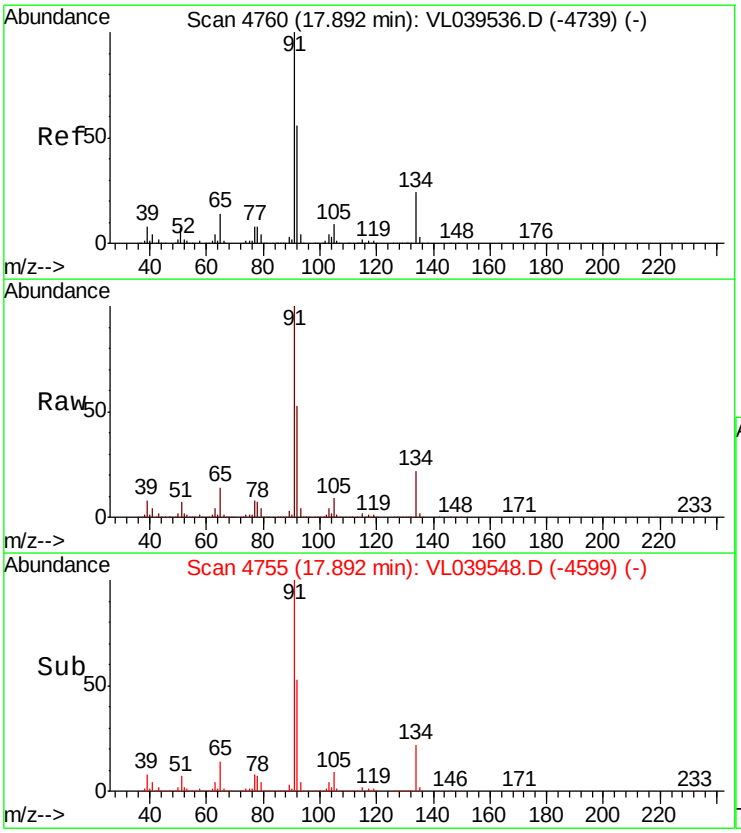
#69
p-Isopropyltoluene
Concen: 8.865 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:119 Resp: 4021656

Ion	Ratio	Lower	Upper
119	100		
134	24.7	19.8	29.6
91	28.2	22.6	33.8

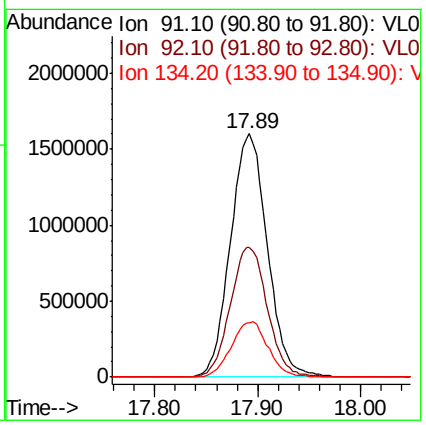


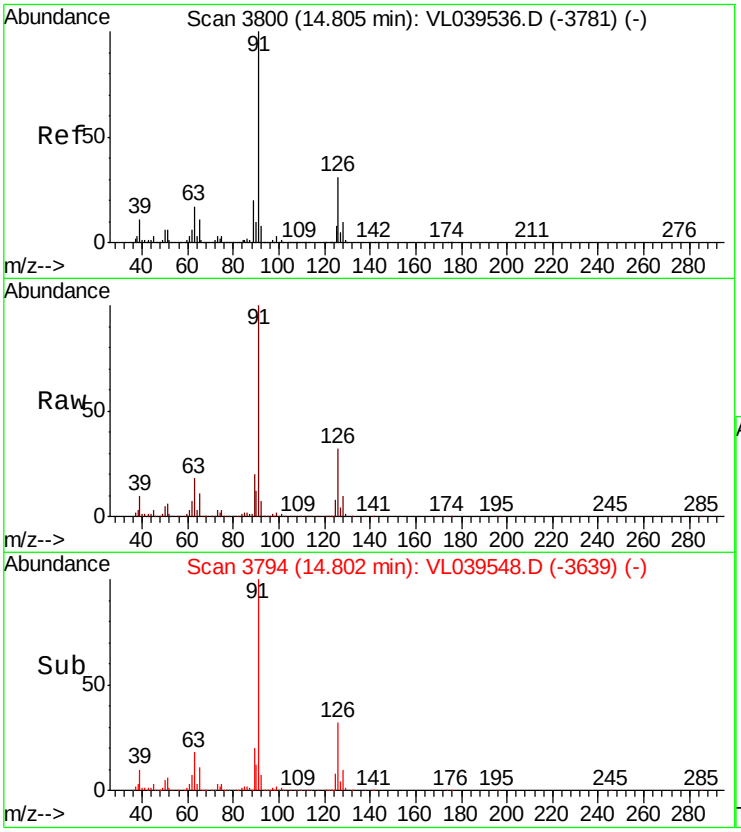


#70
n-Butylbenzene
Concen: 8.820 ppbv
RT: 17.89 min Scan# 4755
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion: 91 Resp: 3972433

Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.0	64.6
134	22.9	18.1	27.1



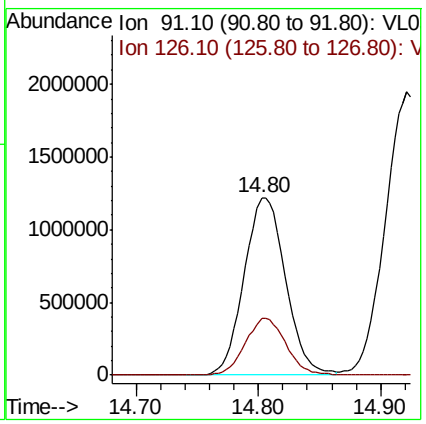


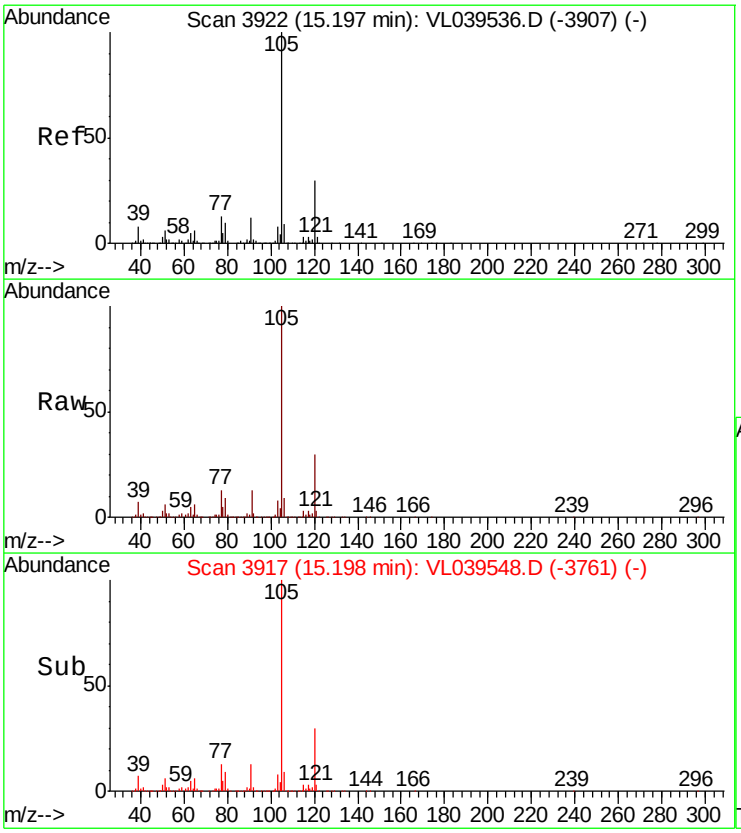
#71
2-Chlorotoluene
Concen: 9.151 ppbv
RT: 14.80
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion: 91 Resp: 2868196

Ion	Ratio	Lower	Upper
91	100		
126	31.8	12.9	51.5

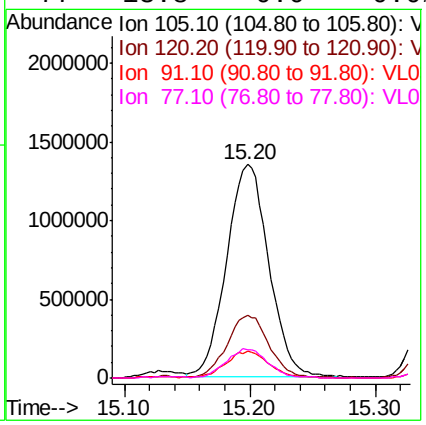


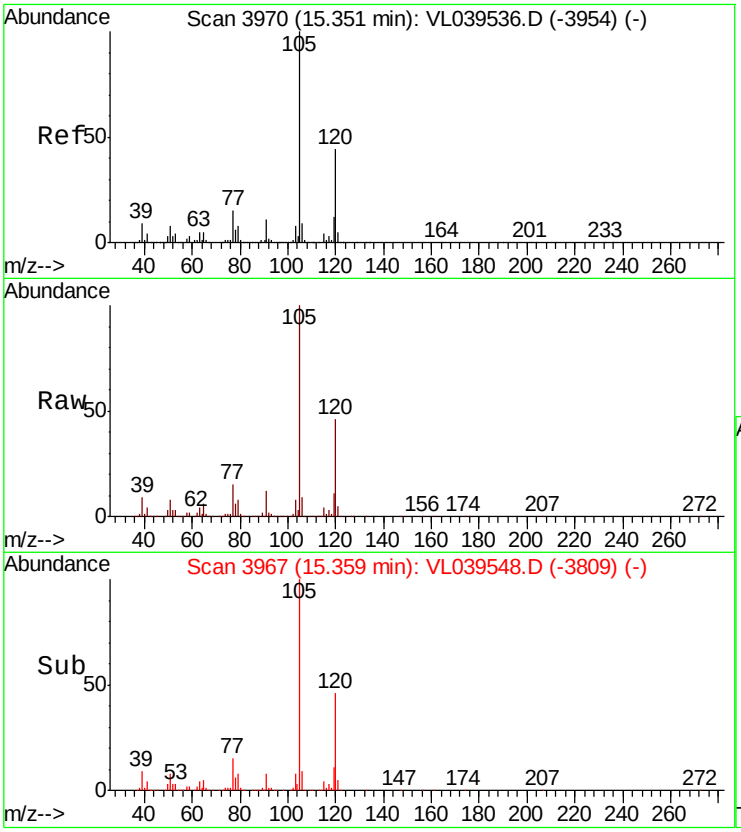


#72
4-Ethyltoluene
Concen: 9.369 ppbv
RT: 15.20 min Scan# 3917
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:105 Resp: 3145866

Ion	Ratio	Lower	Upper
105	100		
120	29.5	0.0	0.0#
91	12.5	0.0	0.0#
77	13.8	0.0	0.0#



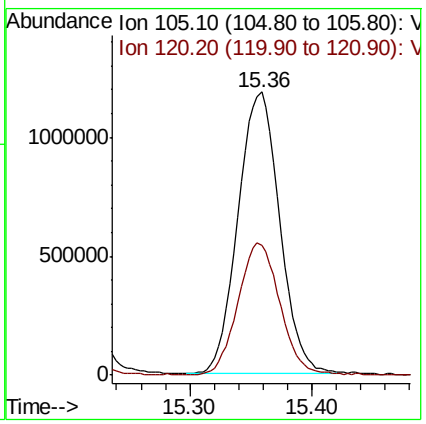


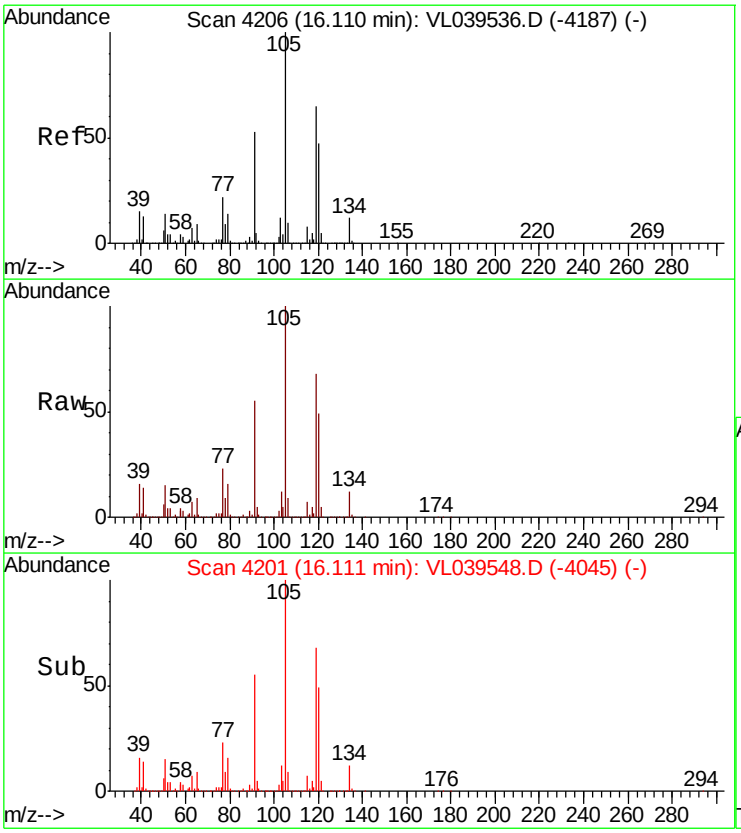
#73
1,3,5-Trimethylbenzene
Concen: 9.118 ppbv
RT: 15.36
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:105 Resp: 2796233

Ion	Ratio	Lower	Upper
105	100		
120	45.9	35.4	53.2

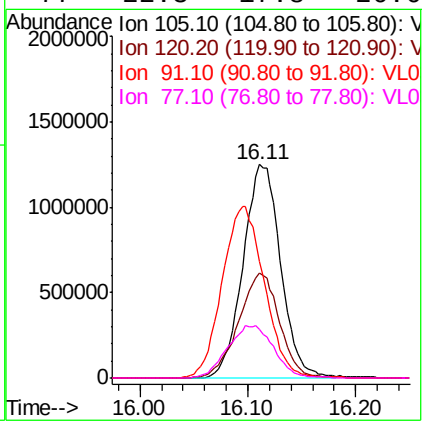


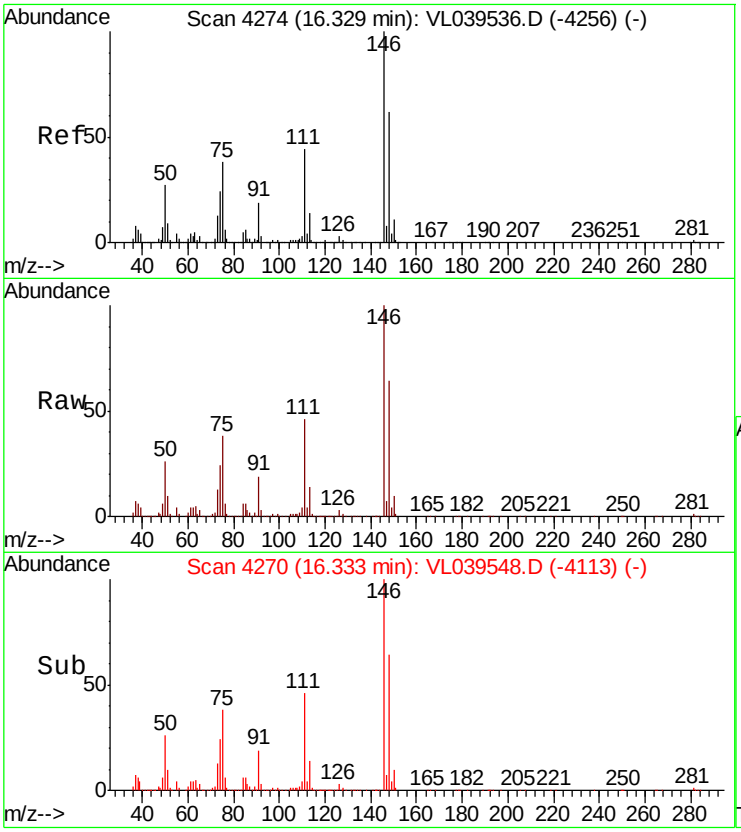


#74
1,2,4-Trimethylbenzene
Concen: 8.843 ppbv
RT: 16.11 min Scan# 4201
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:105 Resp: 3023476

Ion	Ratio	Lower	Upper
105	100		
120	48.9	37.8	56.8
91	54.5	43.8	65.6
77	22.3	17.8	26.6



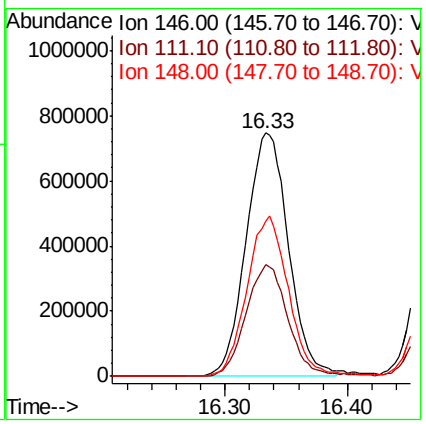


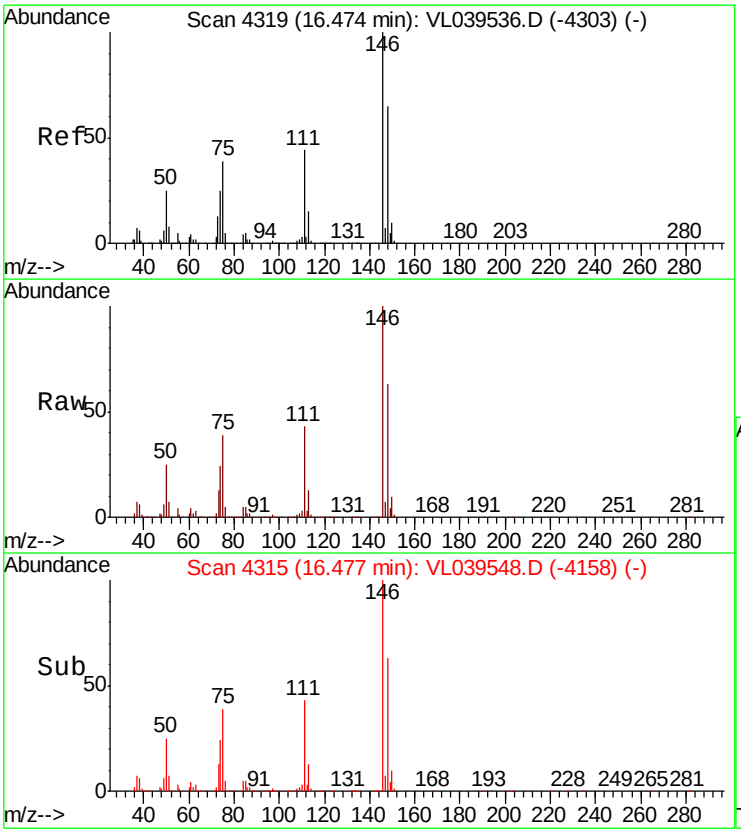
#75
1,3-Dichlorobenzene
Concen: 8.627 ppbv
RT: 16.33
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:146 Resp: 1791934

Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.9	68.5
148	64.6	32.4	97.0

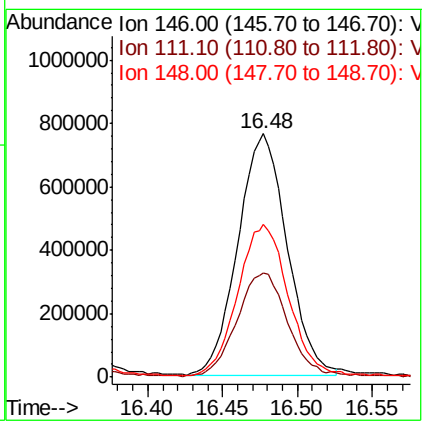


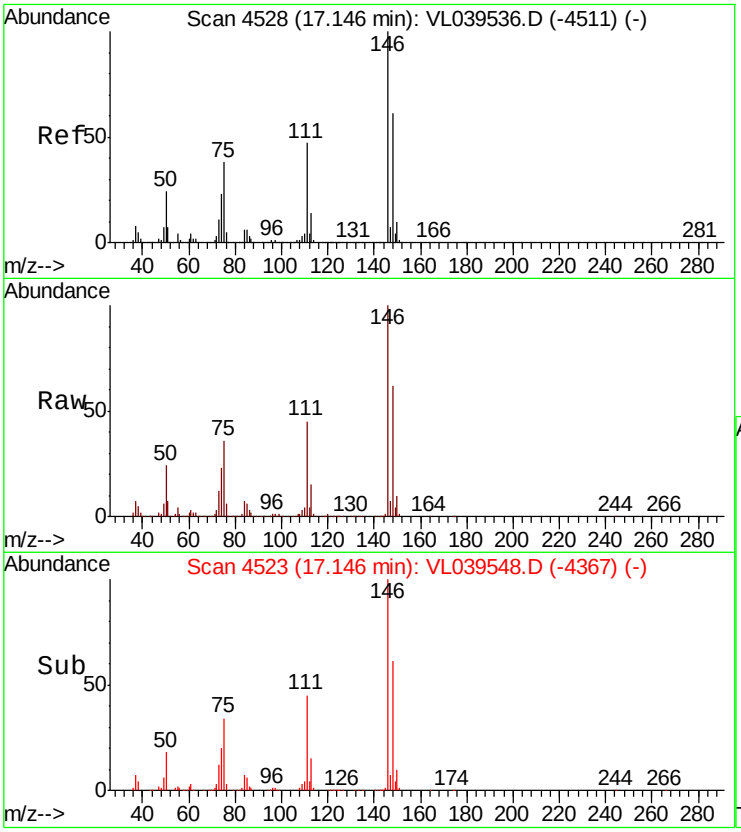


#76
1,4-Dichlorobenzene
Concen: 8.360 ppbv
RT: 16.48 min Scan# 4315
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:146 Resp: 1738913

Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.3	66.8
148	66.6	31.5	94.5



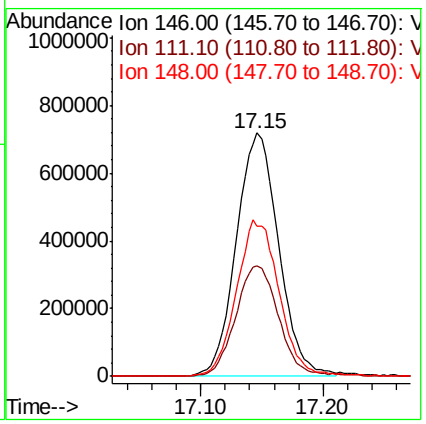


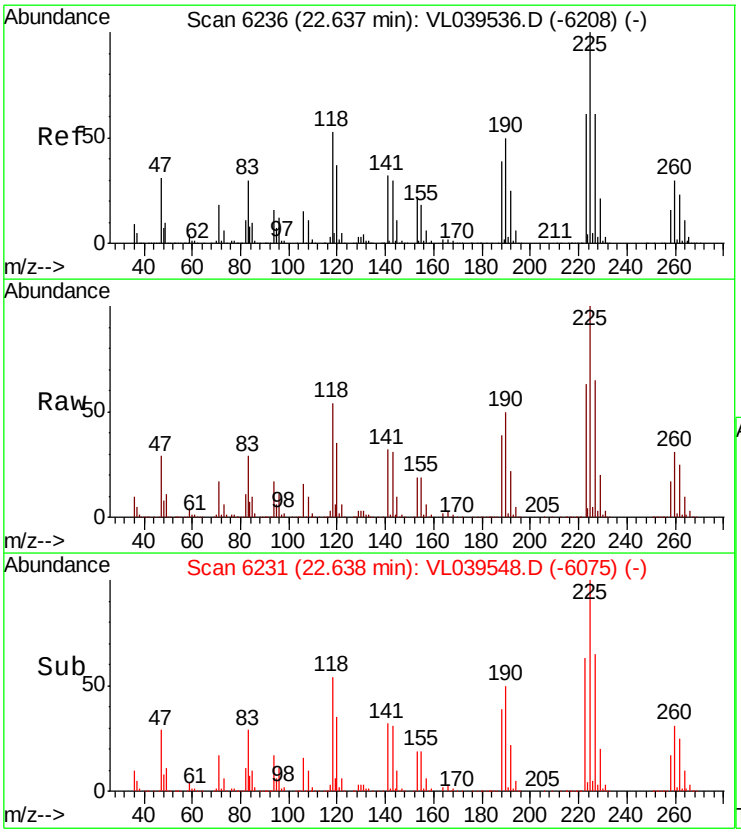
#77
1,2-Dichlorobenzene
Concen: 8.430 ppbv
RT: 17.15
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:146 Resp: 1715763

Ion	Ratio	Lower	Upper
146	100		
111	46.4	23.9	71.8
148	65.1	32.6	97.7

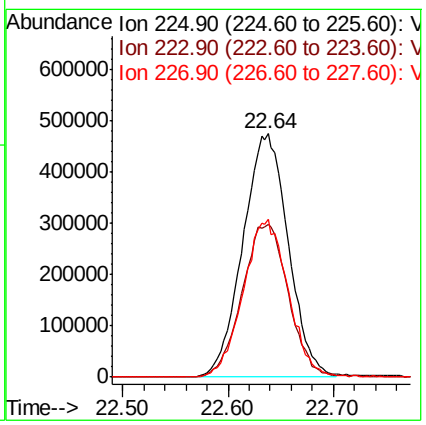


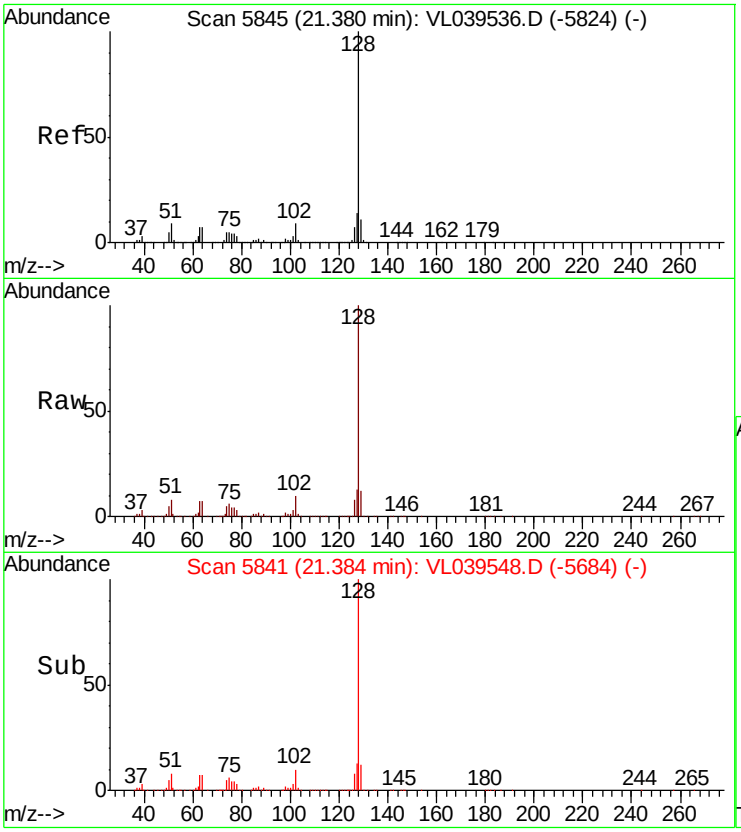


#78
Hexachloro-1,3-Butadiene
Concen: 8.763 ppbv
RT: 22.64 min Scan# 6231
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:225 Resp: 1416732

Ion	Ratio	Lower	Upper
225	100		
223	64.1	0.0	0.0#
227	64.3	0.0	0.0#



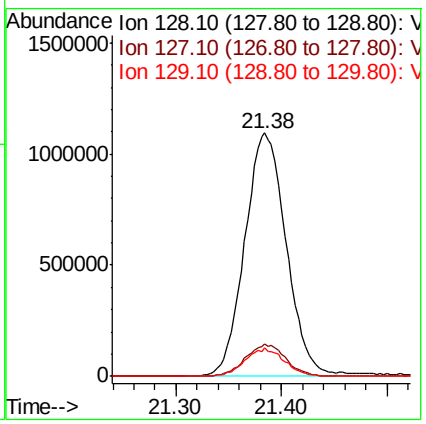


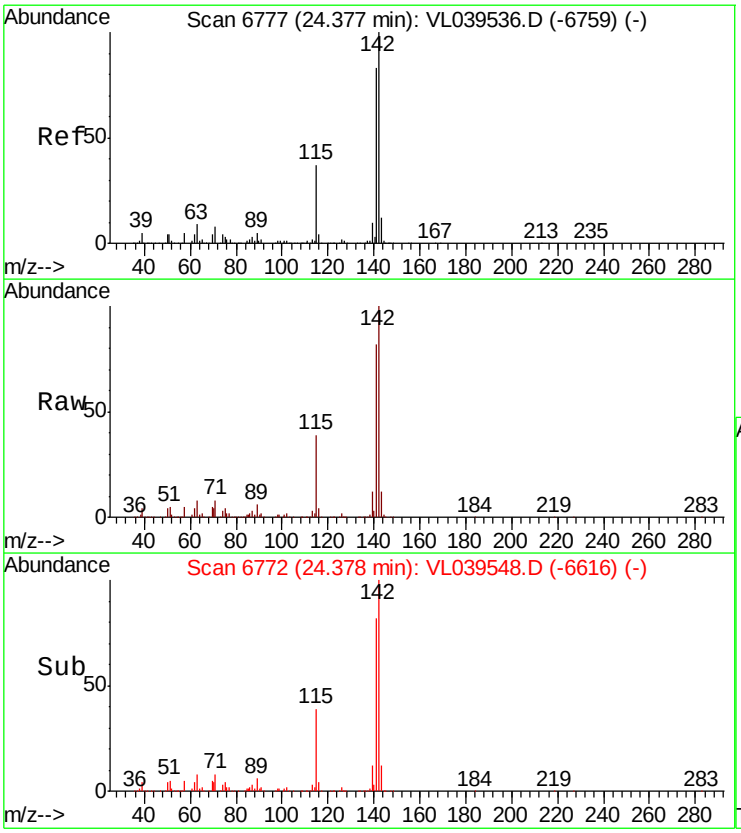
#79
Naphthalene
Concen: 12.287 ppbv
RT: 21.38
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:128 Resp: 2991267

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	11.8	9.1	13.7

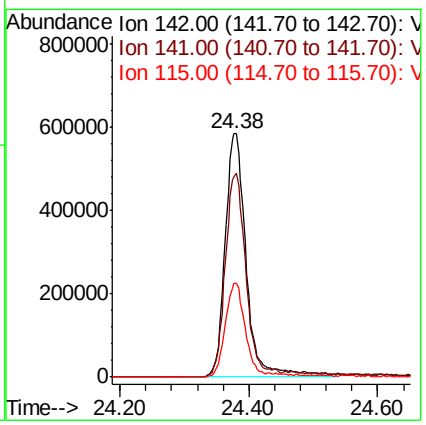


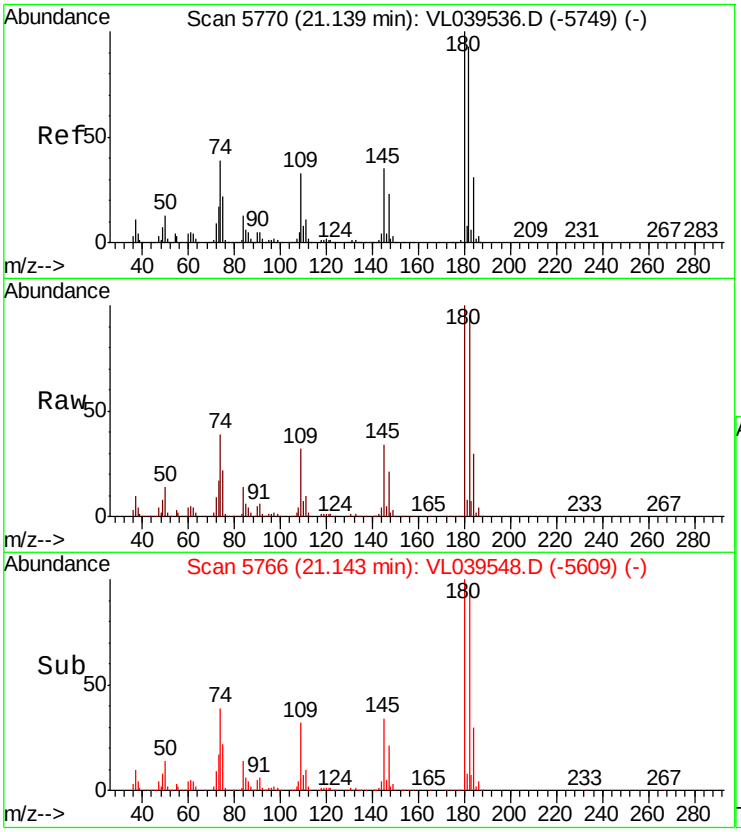


#80
Naphthalene,2-methyl-
Concen: 13.897 ppbv
RT: 24.38 min Scan# 6772
Delta R.T. 0.00 min
Lab File: VL039548.D
Acq: 17 Aug 2022 14:48

Tgt Ion:142 Resp: 1336933

Ion	Ratio	Lower	Upper
142	100		
141	83.6	0.0	0.0#
115	37.5	0.0	0.0#





#81
1,2,4-Trichlorobenzene
Concen: 10.182 ppbv
RT: 21.14
Delta R.T
Lab File:
Acq: 17 Aug 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL0817ABS02

Tgt Ion:180 Resp: 1652208

Ion	Ratio	Lower	Upper
180	100		
182	97.0	0.0	0.0#
184	31.3	0.0	0.0#