Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039539.D
Acq On : 17 Aug 2022 5:35
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: Aug 17 06:05:11 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	5.20	49	1097485	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2902482	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2640756	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.78	95	2018832	10.30	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.75	85	100780	0.651	ppbv	93
3) Chlorodifluoromethane	2.69	51	69885	0.507	ppbv	99
4) Chloromethane	2.83	50	37777	0.492	ppbv	98
5) Vinyl Chloride	2.94	62	32409	0.434	ppbv	96
6) Bromomethane	3.14	94	14634	0.477	ppbv	91
7) Chloroethane	3.21	64	12211	0.463	ppbv	93
8) Dichlorotetrafluoroethane	2.88	85	86053	0.505	ppbv	98
9) Propene	2.71	41	32663	0.523	ppbv	98
10) Heptane	7.59	43	41937	0.288	ppbv #	61
11) Trichlorofluoromethane	3.58	101	41624	0.240	ppbv	87
12) 1,1,2-Trichlorotrifluoroet	4.09	101	60529	0.471	ppbv	94
13) Ethanol	3.27	45	2431	0.669	ppbv	80
14) Bromoethene	3.38	108	22436	0.413	ppbv #	82
15) Acetone	3.50	43	68058	0.532	ppbv	98
16) 1,3-Butadiene	3.00	39	33481	0.502	ppbv	94
17) tert-Butyl alcohol	3.91	59	47546	0.443	ppbv #	83
18) 1,1-Dichloroethene	3.90	96	26617	0.457	ppbv	81
19) Isopropyl Alcohol	3.61	45	26931	0.398	ppbv #	100
20) Methylene Chloride	3.95	84	30228	0.594	ppbv	86
21) Allyl Chloride	4.01	41	39346	0.444	ppbv	86
22) trans-1,2-Dichloroethene	4.46	96	24718	0.441	ppbv	97
23) Vinyl Acetate	4.64	43	16098	0.198	ppbv #	75
24) 1,1-Dichloroethane	4.58	63	54102	0.448	ppbv	98
25) Ethyl Acetate	5.23	43	125040	0.474	ppbv #	95
26) Hexane	5.22	57	53599	0.509	ppbv	93
27) Carbon Disulfide	4.14	76	42378	0.334	ppbv #	69
28) Methyl tert-Butyl Ether	4.61	73	45704	0.411	ppbv	98
29) Chloroform	5.28	83	84100	0.460	ppbv	99
30) Cyclohexane	6.61	84	18413	0.192	ppbv #	100
31) cis-1,2-Dichloroethene	5.09	61	30237	0.270	ppbv	92
32) 1,1,1-Trichloroethane	6.01	97	47435	0.263	ppbv #	50
34) 2-Butanone	4.81	43	32168	0.223	ppbv #	54
35) Carbon Tetrachloride	6.50	117	75479	0.427	ppbv	95
36) Benzene	6.38	78	109527	0.490	ppbv	96
37) 1,2-Dichloroethane	5.81	62	37645	0.288	ppbv #	79
38) Trichloroethene	7.30	130	27420	0.225	ppbv	96
39) 1,2-Dichloropropane	7.08	63	39265	0.471	ppbv	92
40) 1,4-Dioxane	7.32	88	4387	0.133	ppbv #	1
41) Tetrahydrofuran	5.58	42	8772	0.104	ppbv #	37
42) Bromodichloromethane	7.25	83	73549	0.417	ppbv #	98
43) Methyl Methacrylate	7.48	69	15471	0.183	ppbv #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039539.D
Acq On : 17 Aug 2022 5:35
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: Aug 17 06:05:11 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	7.33	57	86589	0.229 ppbv	#	27
45) t-1,3-Dichloropropene	8.73	75	6066	0.082 ppbv		92
46) cis-1,3-Dichloropropene	8.15	75	28866	0.280 ppbv		95
47) 1,1,2-Trichloroethane	8.90	97	45348	0.485 ppbv		94
48) Dibromochloromethane	9.72	129	58875	0.399 ppbv		96
49) Bromoform	12.41	173	45076	0.378 ppbv	#	100
50) 4-Methyl-2-Pentanone	8.21	43	87209	0.395 ppbv		98
51) 2-Hexanone	9.58	43	31965	0.192 ppbv	#	47
52) Tetrachloroethene	10.61	164	19057	0.213 ppbv		96
53) Toluene	9.22	91	102388	0.399 ppbv		99
54) 1,2-Dibromoethane	10.02	107	17501	0.153 ppbv		94
56) 1,1,1,2-Tetrachloroethane	11.51	131	54572	0.478 ppbv	#	1
57) Chlorobenzene	11.53	112	104406	0.519 ppbv	#	91
58) Ethyl Benzene	12.10	91	130879	0.392 ppbv		96
59) m/p-Xylene	12.37	91	147578	0.502 ppbv	#	100
60) o-Xylene	13.06	91	120479	0.432 ppbv		100
61) Styrene	12.90	104	49986	0.332 ppbv		93
62) Isopropylbenzene	14.03	105	190355	0.449 ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.05	83	60965	0.420 ppbv		98
64) n-propylbenzene	14.91	120	26691	0.249 ppbv	#	1
65) tert-Butylbenzene	16.09	119	160953	0.413 ppbv		88
66) Benzyl Chloride	16.33	91	2267	0.064 ppbv	#	95
67) sec-Butylbenzene	16.64	105	228498	0.434 ppbv		100
69) p-Isopropyltoluene	17.00	119	184601	0.415 ppbv		96
70) n-Butylbenzene	17.89	91	183653	0.424 ppbv		96
71) 2-Chlorotoluene	14.81	91	132190	0.435 ppbv		100
72) 4-Ethyltoluene	15.19	105	75932	0.231 ppbv	#	100
73) 1,3,5-Trimethylbenzene	15.36	105	121710	0.405 ppbv		93
74) 1,2,4-Trimethylbenzene	16.11	105	76592	0.231 ppbv		97
75) 1,3-Dichlorobenzene	16.33	146	51807	0.262 ppbv	#	27
76) 1,4-Dichlorobenzene	16.48	146	92623	0.468 ppbv		92
77) 1,2-Dichlorobenzene	17.14	146	49533	0.254 ppbv	#	29
78) Hexachloro-1,3-Butadiene	22.63	225	79390	0.502 ppbv	#	100
79) Naphthalene	21.39	128	91590	0.398 ppbv		99
80) Naphthalene,2-methyl-	24.39	142	23213	0.282 ppbv	#	100
81) 1,2,4-Trichlorobenzene	21.15	180	68191	0.457 ppbv	#	100

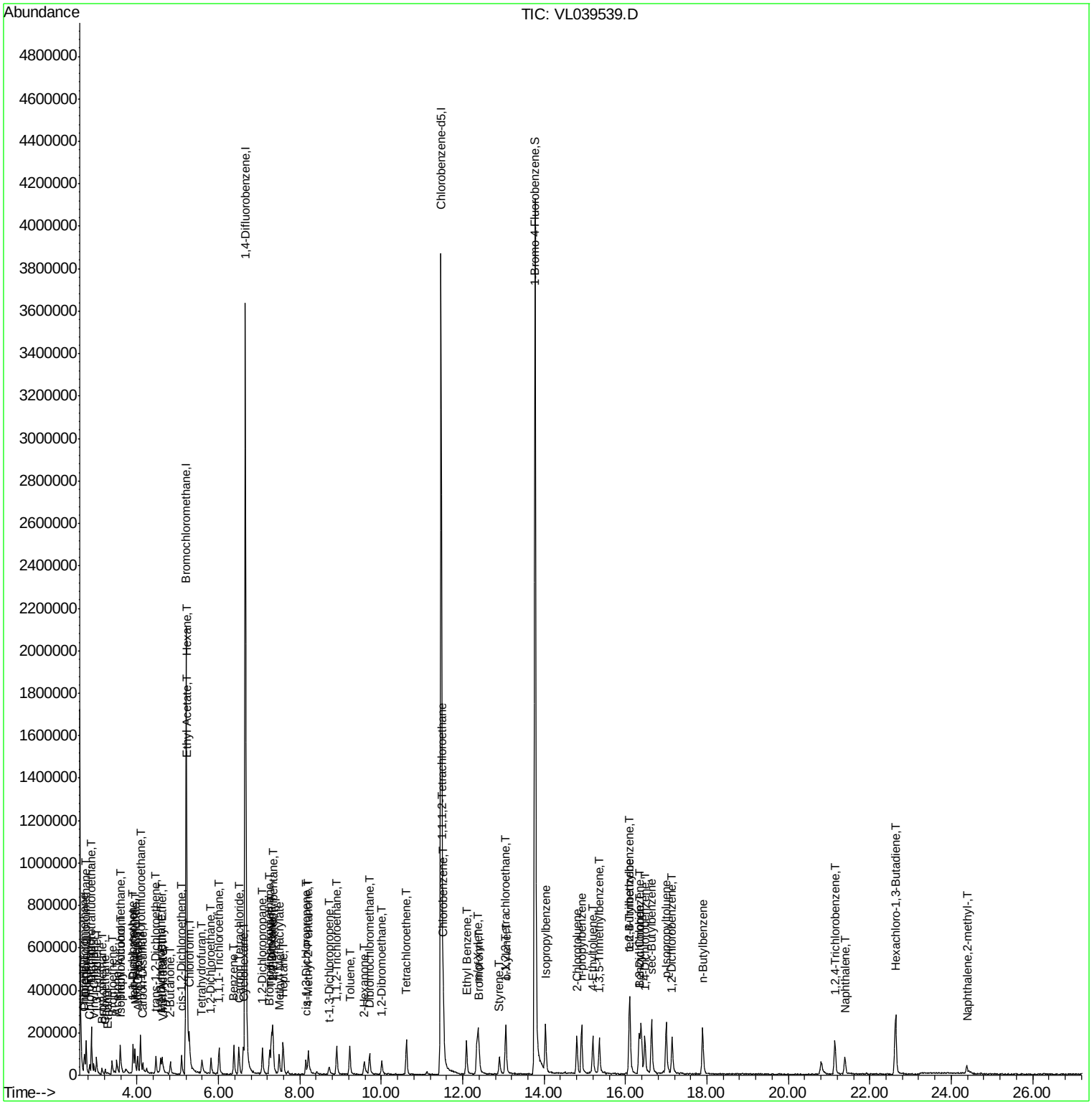
(#) = qualifier out of range (m) = manual integration (+) = signals summed

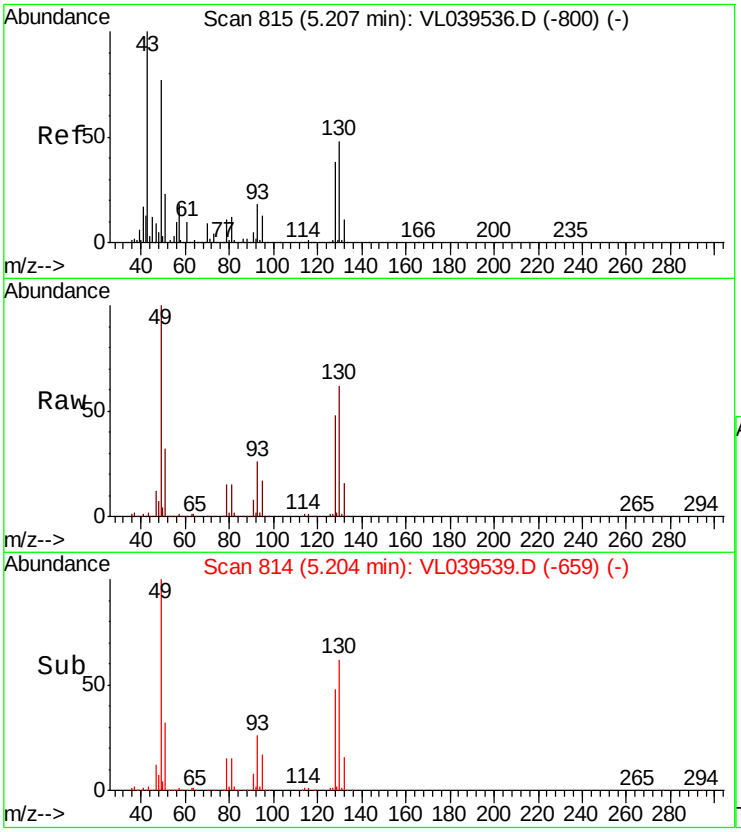
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039539.D
Acq On : 17 Aug 2022 5:35
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: Aug 17 06:05:11 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



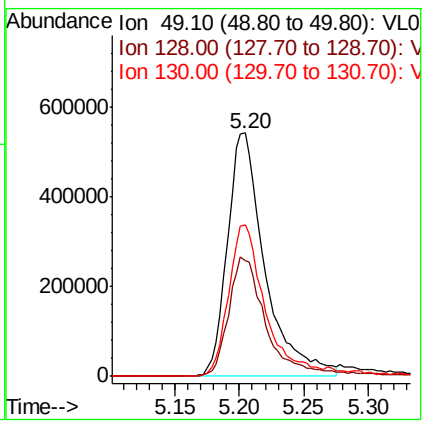


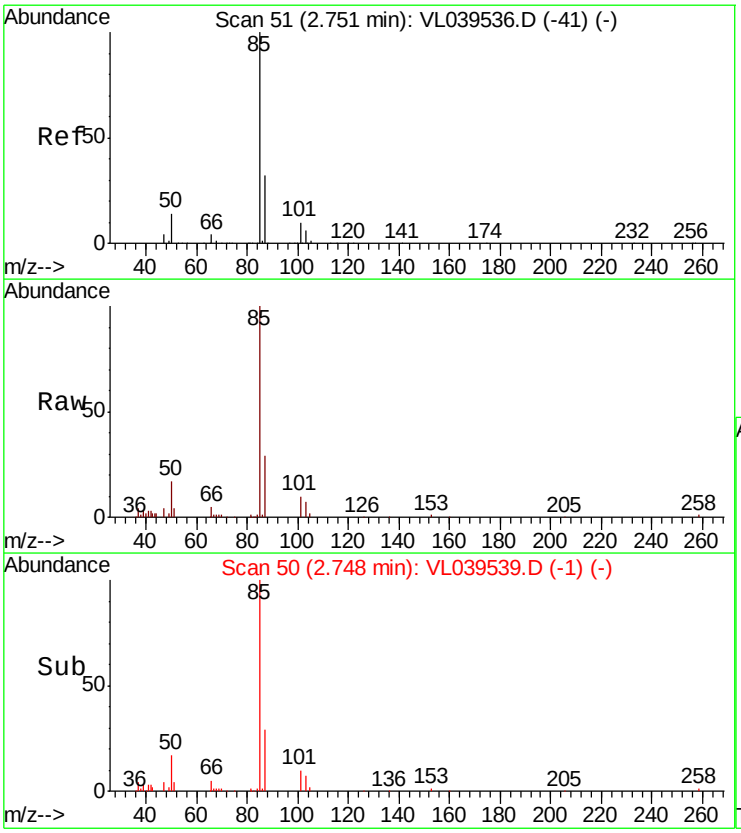
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.20
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 1097485

Ion	Ratio	Lower	Upper
49	100		
128	50.2	25.7	77.0
130	64.3	31.6	95.0

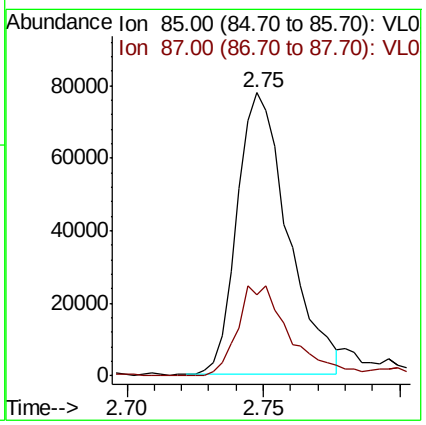


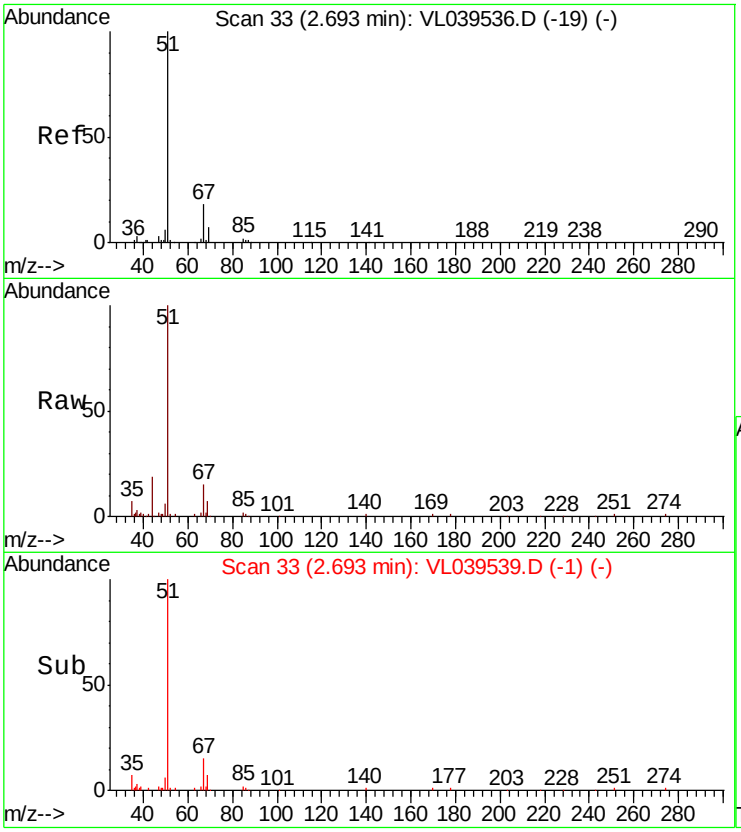


#2
Dichlorodifluoromethane
Concen: 0.651 ppbv
RT: 2.75 min Scan# 50
Delta R.T. -0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 85 Resp: 100780

Ion	Ratio	Lower	Upper
85	100		
87	28.7	25.9	38.9



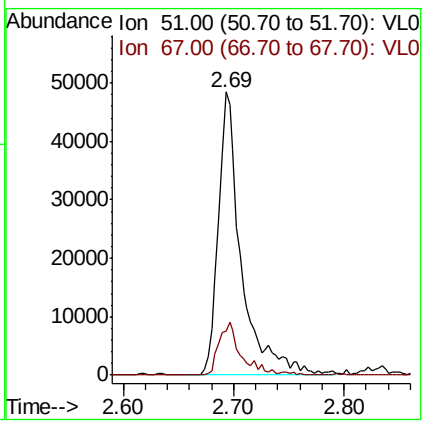


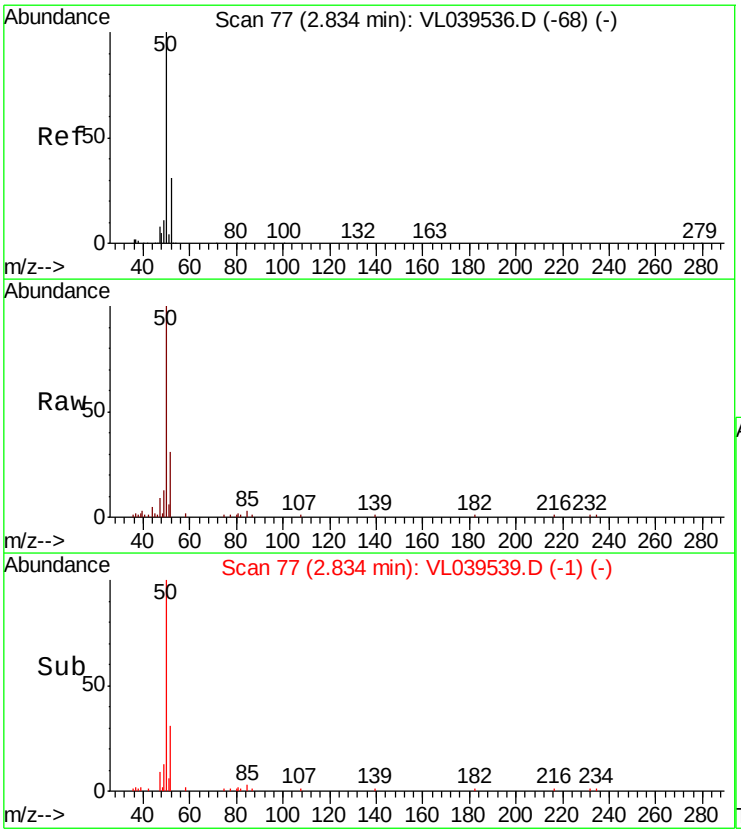
#3
Chlorodifluoromethane
Concen: 0.507 ppbv
RT: 2.69
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 69885

Ion	Ratio	Lower	Upper
51	100		
67	18.2	14.7	22.1

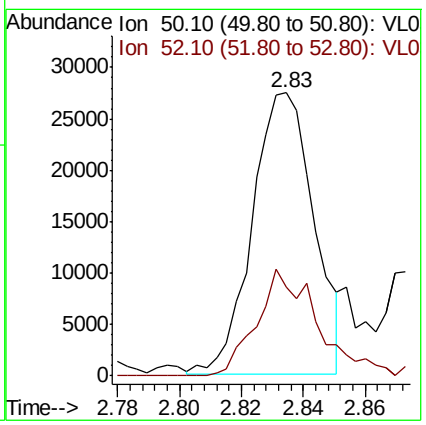


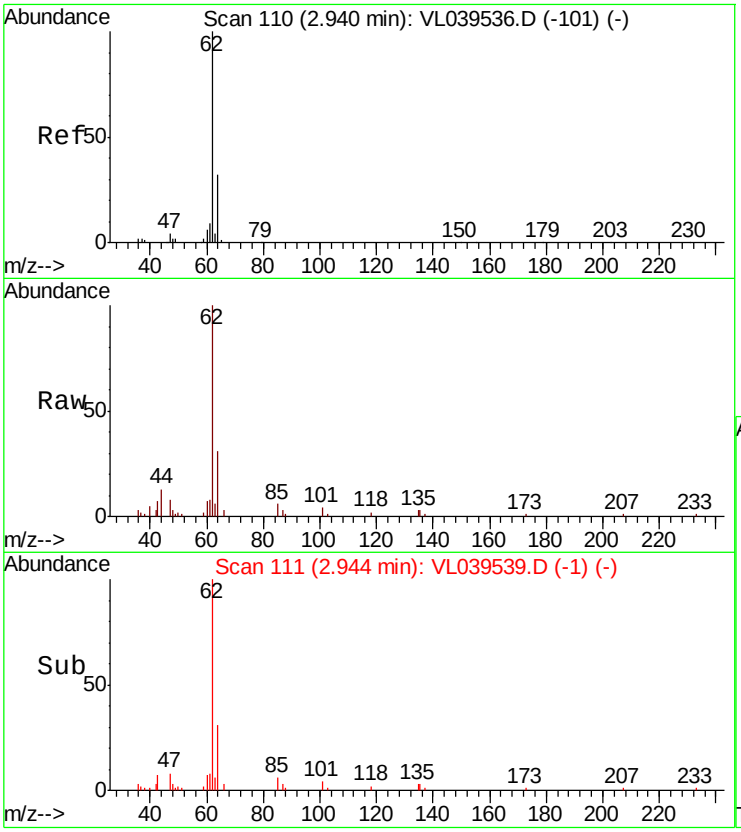


#4
Chloromethane
Concen: 0.492 ppbv
RT: 2.83 min Scan# 77
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 50 Resp: 37777

Ion	Ratio	Lower	Upper
50	100		
52	31.7	24.3	36.5



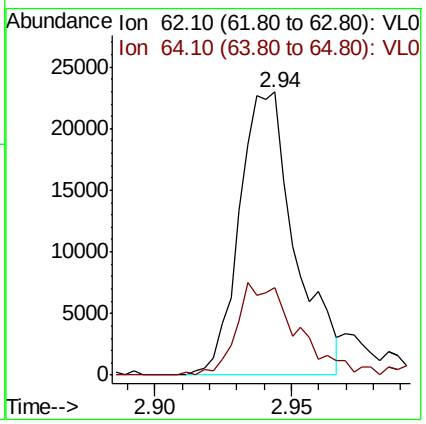


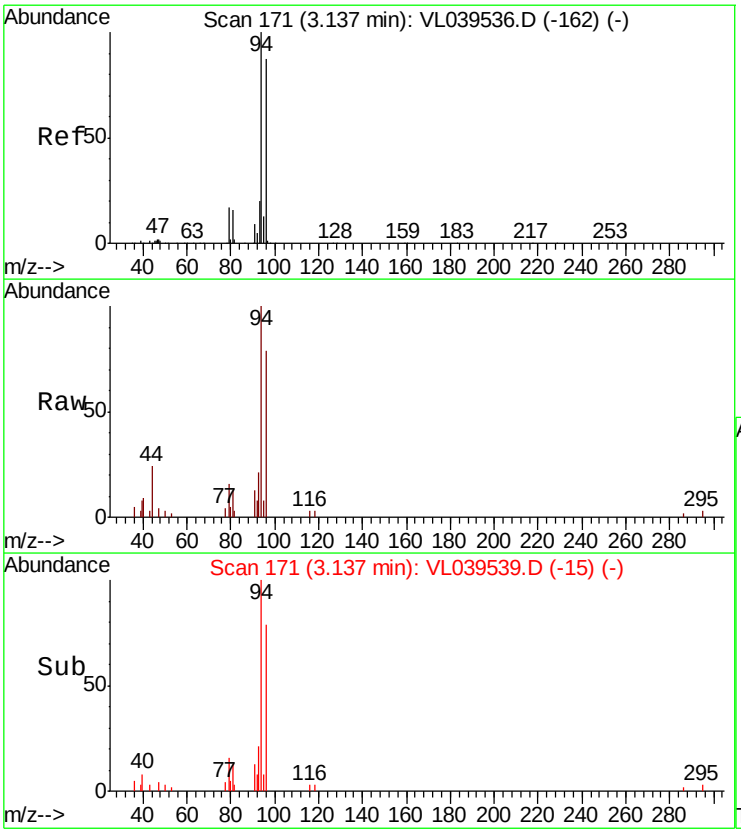
#5
Vinyl Chloride
Concen: 0.434 ppbv
RT: 2.94
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 32409

Ion	Ratio	Lower	Upper
62	100		
64	29.7	25.5	38.3

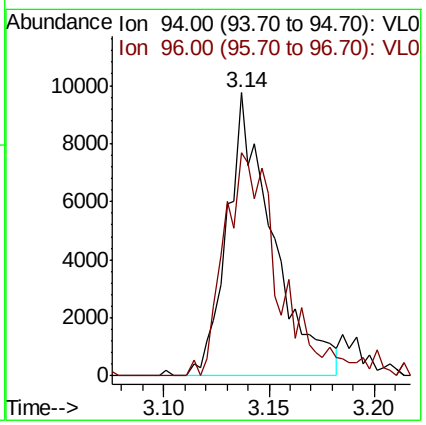


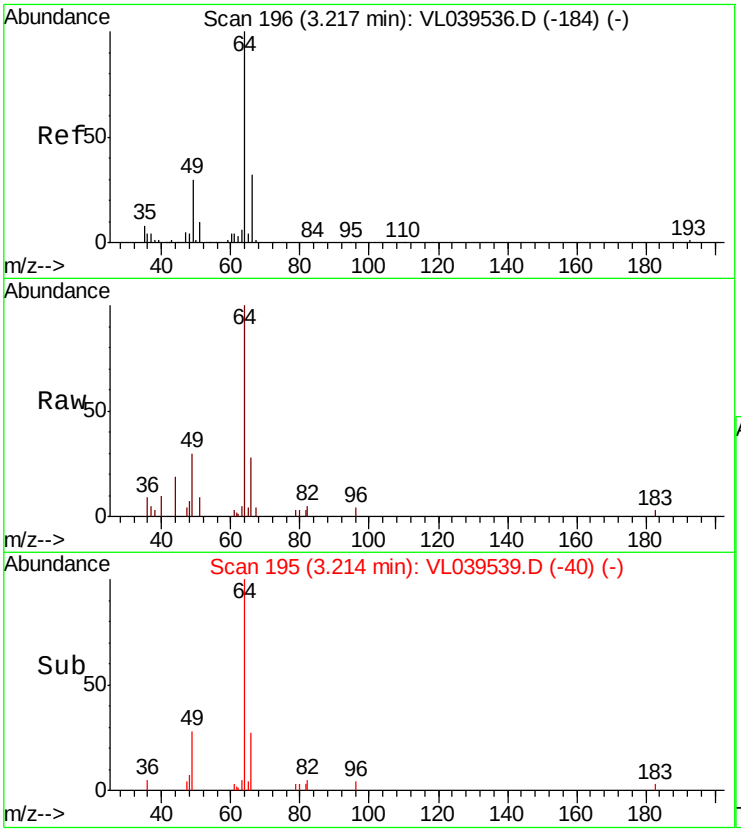


#6
Bromomethane
Concen: 0.477 ppbv
RT: 3.14 min Scan# 171
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 94 Resp: 14634

Ion	Ratio	Lower	Upper
94	100		
96	78.8	69.8	104.6



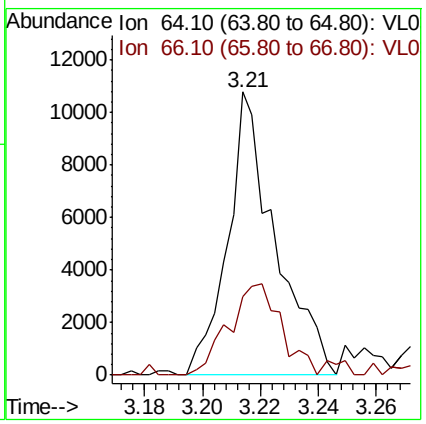


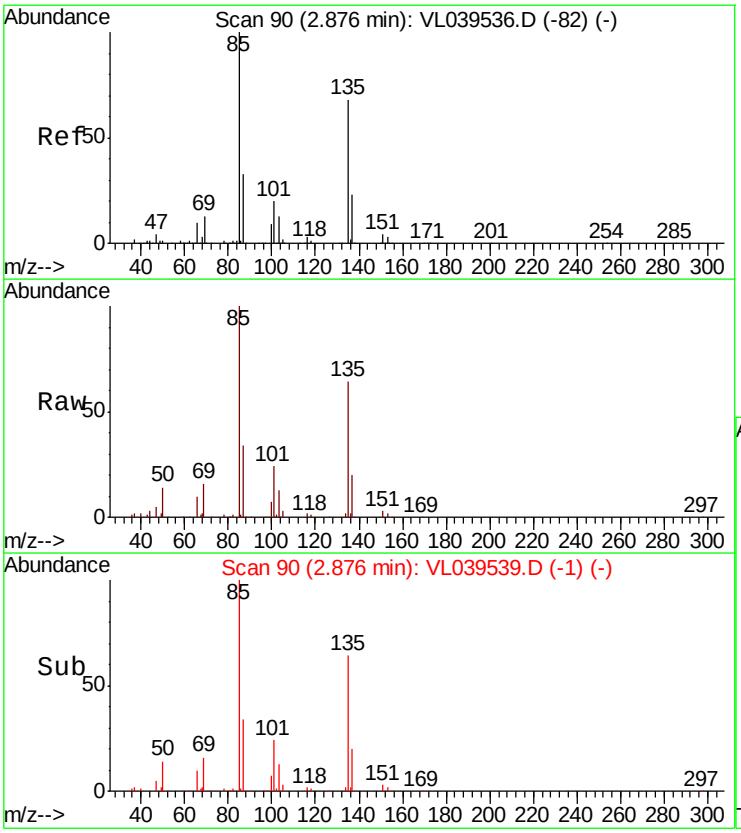
#7
Chloroethane
Concen: 0.463 ppbv
RT: 3.21
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 12211

Ion	Ratio	Lower	Upper
64	100		
66	28.0	25.6	38.4

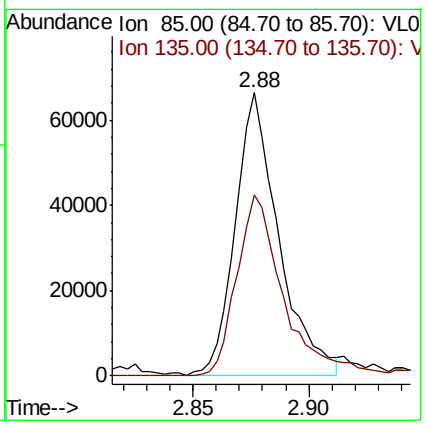


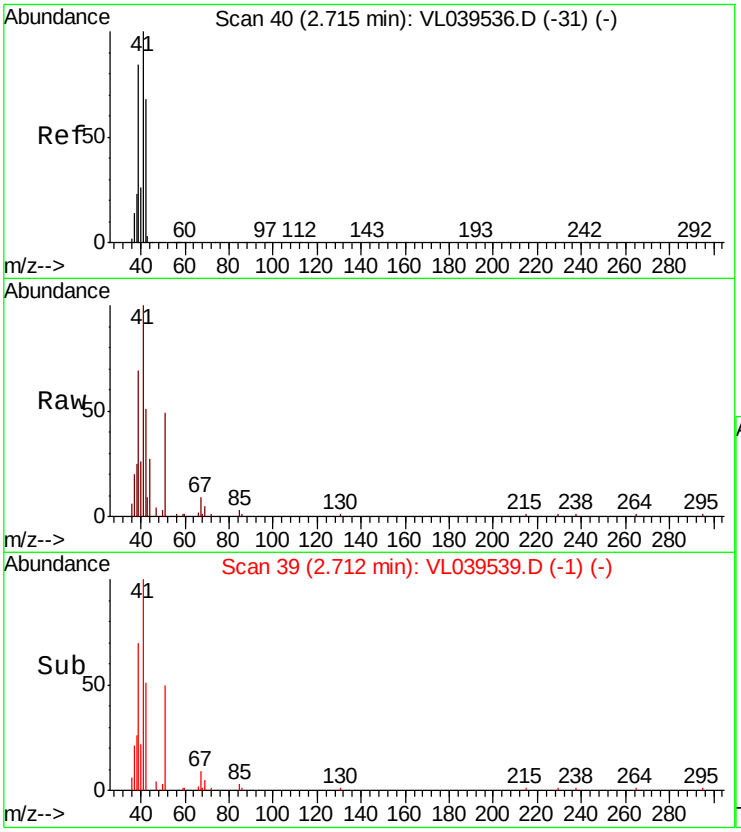


#8
Dichlorotetrafluoroethane
Concen: 0.505 ppbv
RT: 2.88 min Scan# 90
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 85 Resp: 86053

Ion	Ratio	Lower	Upper
85	100		
135	71.9	56.3	84.5



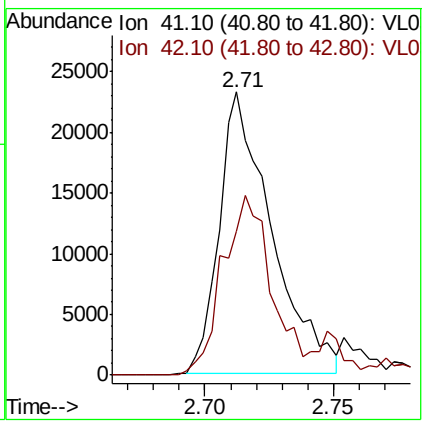


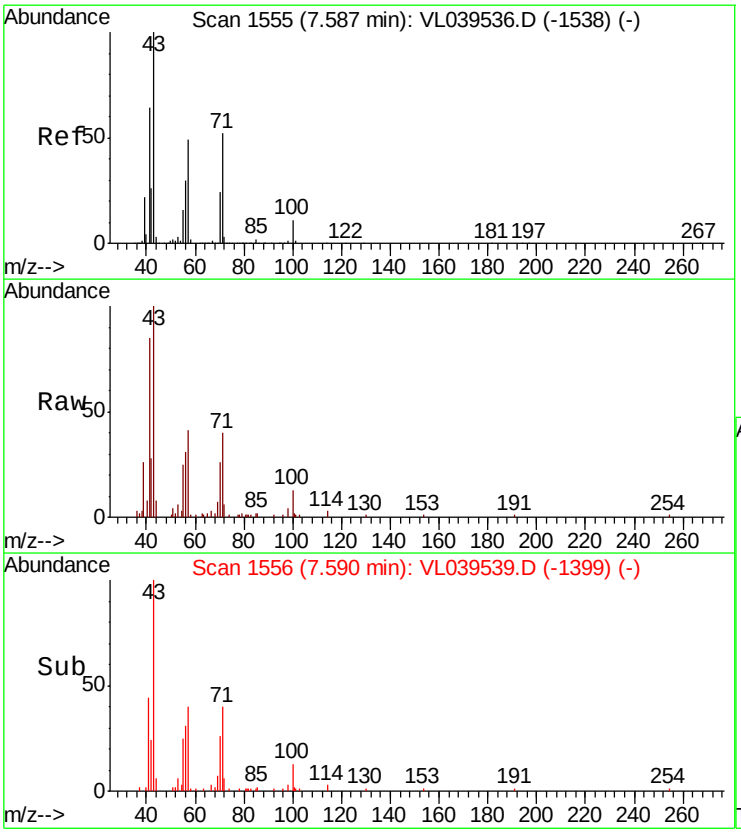
#9
Propene
Concen: 0.523 ppbv
RT: 2.71
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 32663

Ion	Ratio	Lower	Upper
41	100		
42	70.5	55.4	83.0

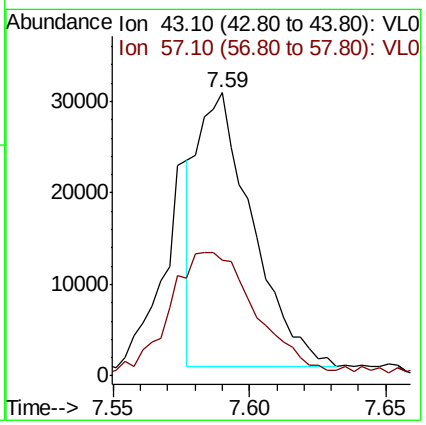


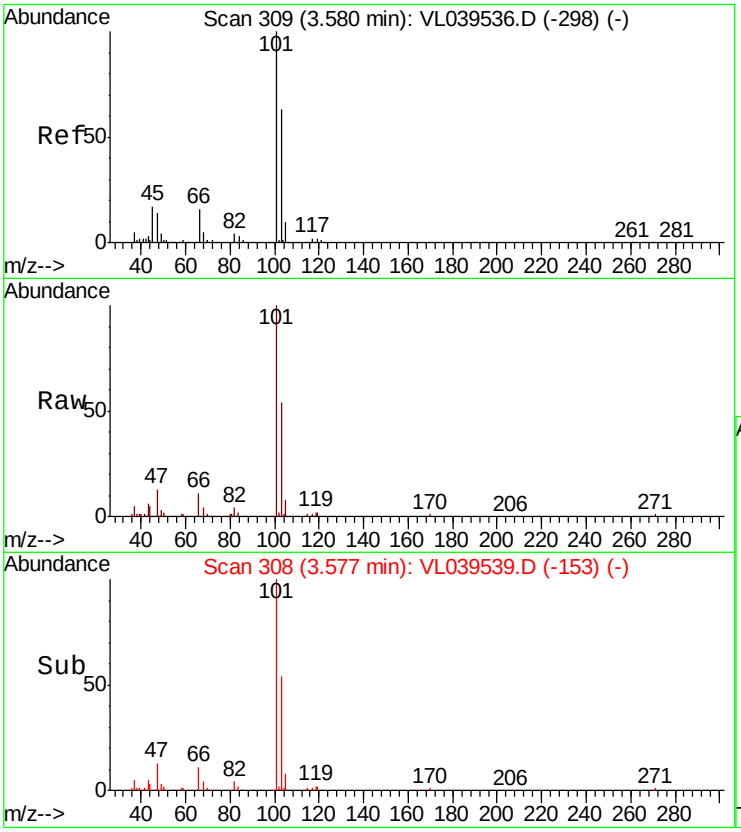


#10
Heptane
Concen: 0.288 ppbv
RT: 7.59 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 43 Resp: 41937

Ion	Ratio	Lower	Upper
43	100		
57	76.3	39.8	59.6#



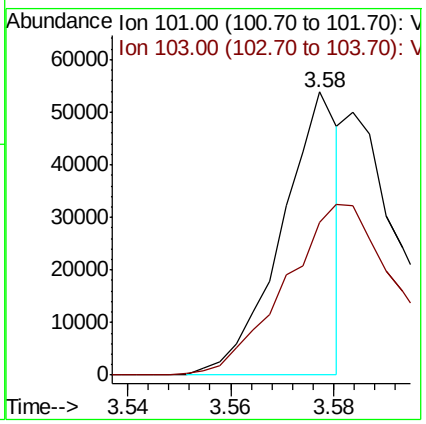


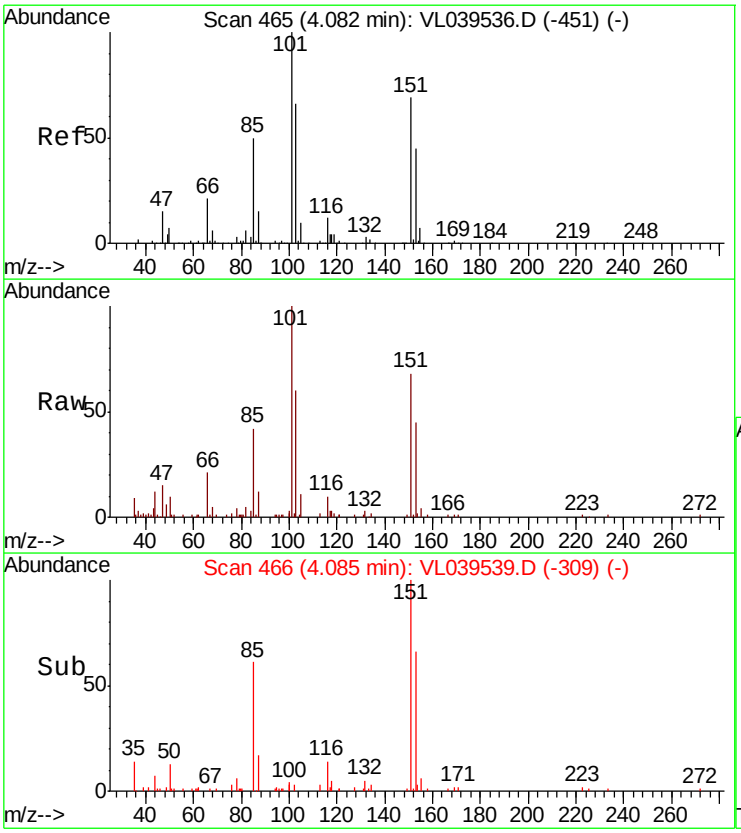
#11
Trichlorofluoromethane
Concen: 0.240 ppbv
RT: 3.58
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 41624

Ion	Ratio	Lower	Upper
101	100		
103	53.2	50.6	76.0

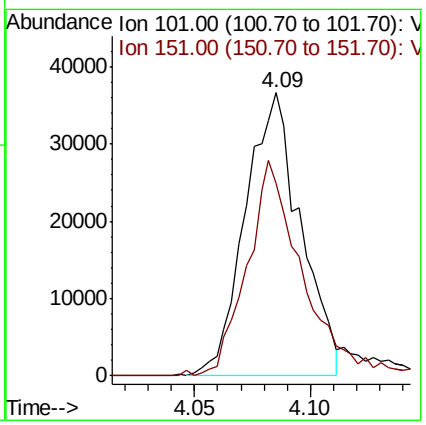


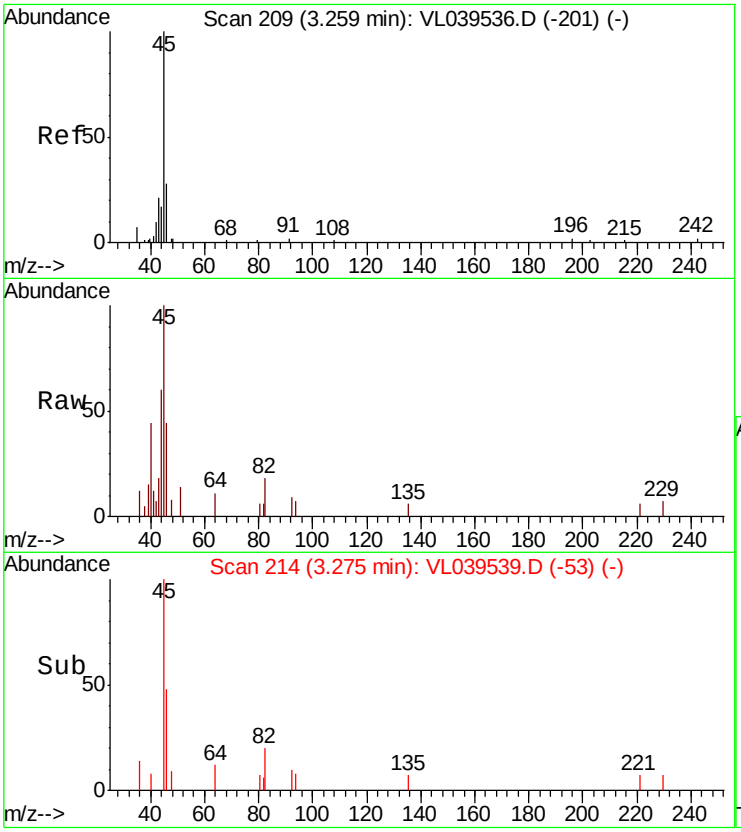


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.471 ppbv
RT: 4.09 min Scan# 466
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:101 Resp: 60529

Ion	Ratio	Lower	Upper
101	100		
151	78.0	58.6	87.8



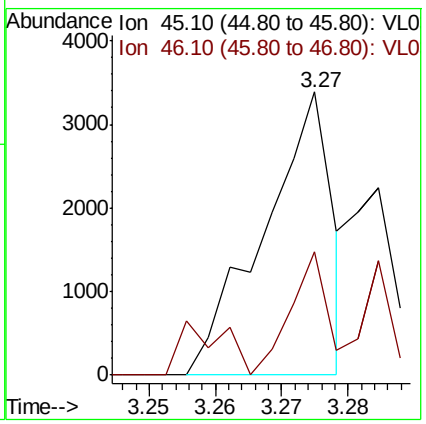


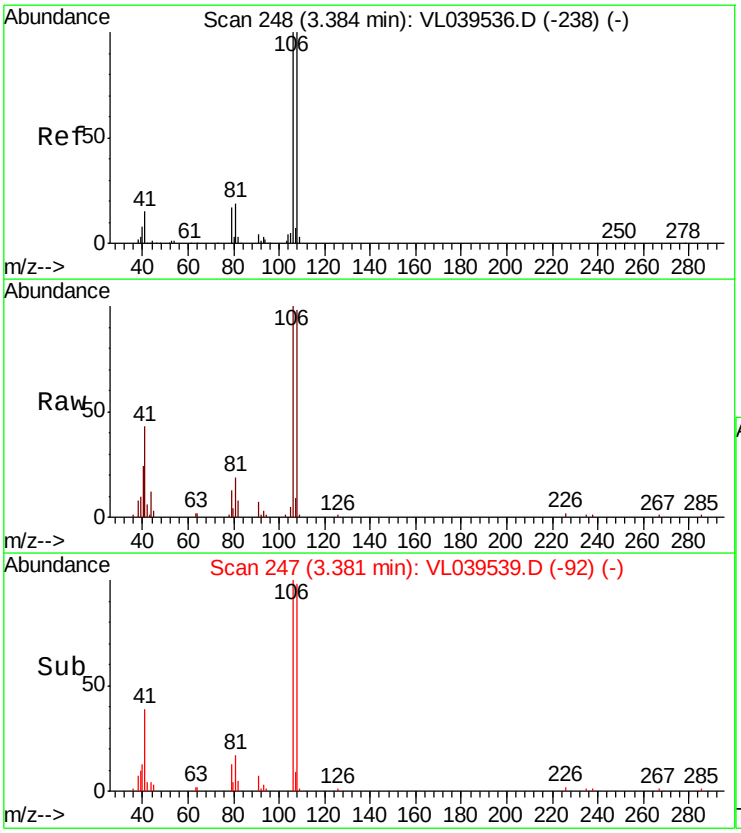
#13
Ethanol
Concen: 0.669 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 2431

Ion	Ratio	Lower	Upper
45	100		
46	61.7	19.3	77.1

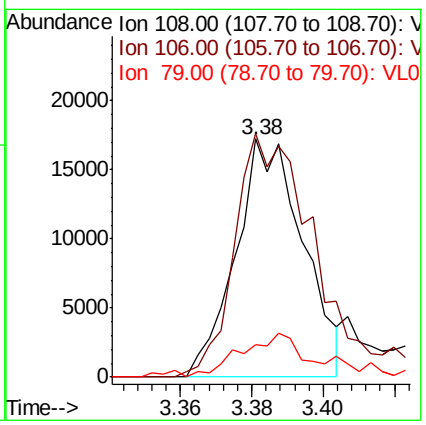


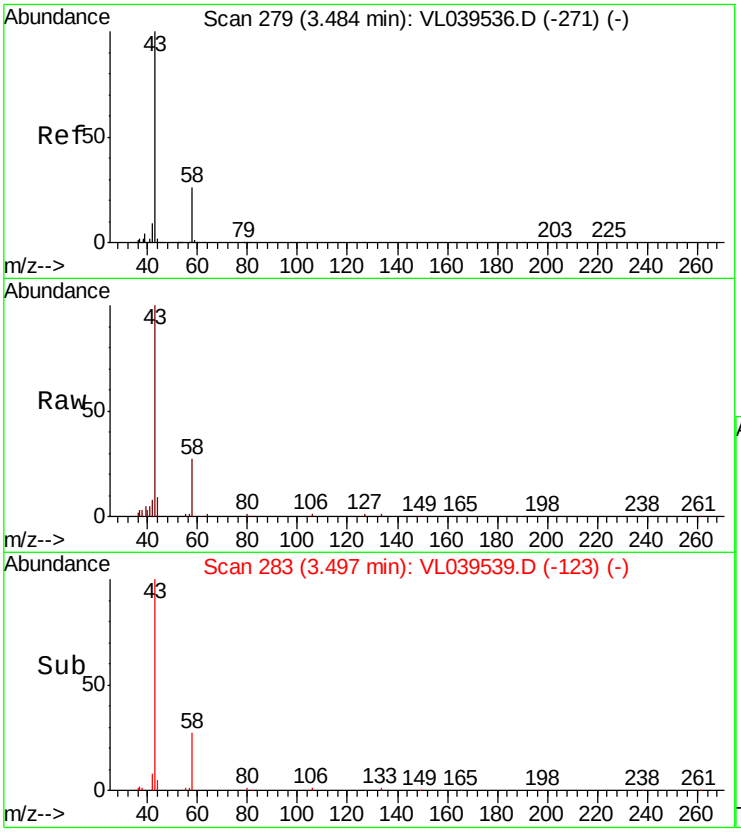


#14
Bromoethene
Concen: 0.413 ppbv
RT: 3.38 min Scan# 247
Delta R.T. -0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:108 Resp: 22436

Ion	Ratio	Lower	Upper
108	100		
106	127.8	86.6	130.0
79	26.2	15.1	22.7#



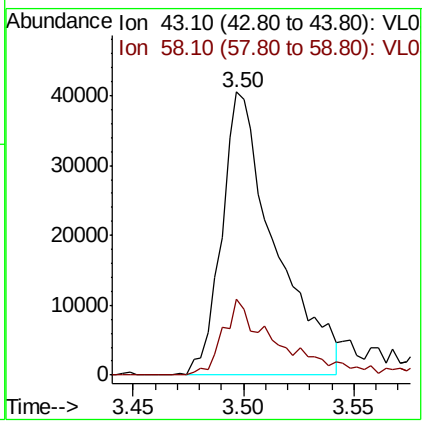


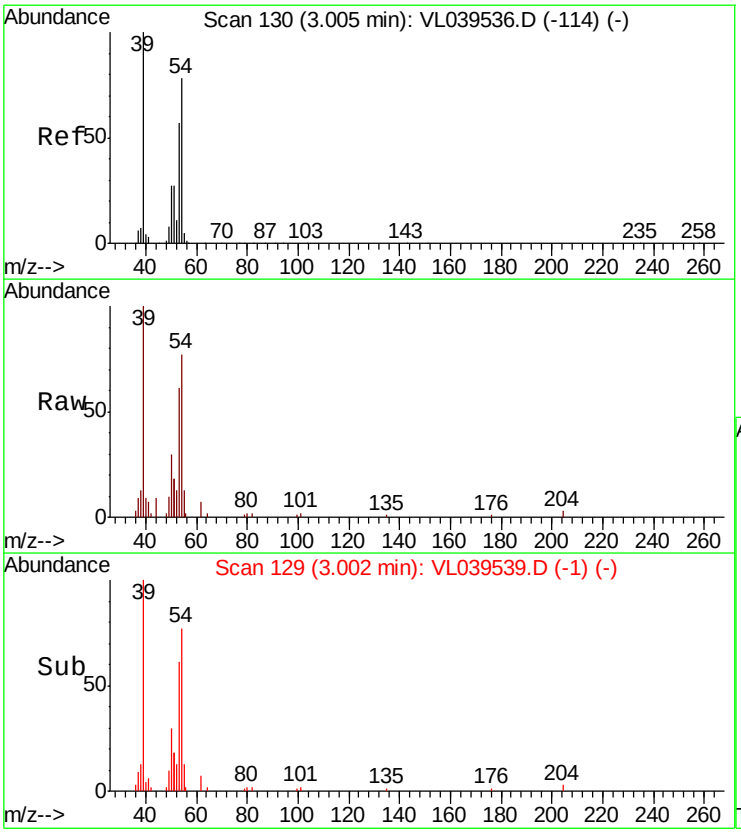
#15
Acetone
Concen: 0.532 ppbv
RT: 3.50
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 68058

Ion	Ratio	Lower	Upper
43	100		
58	27.0	20.7	31.1

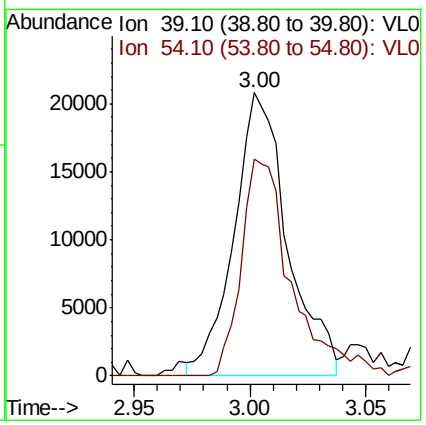


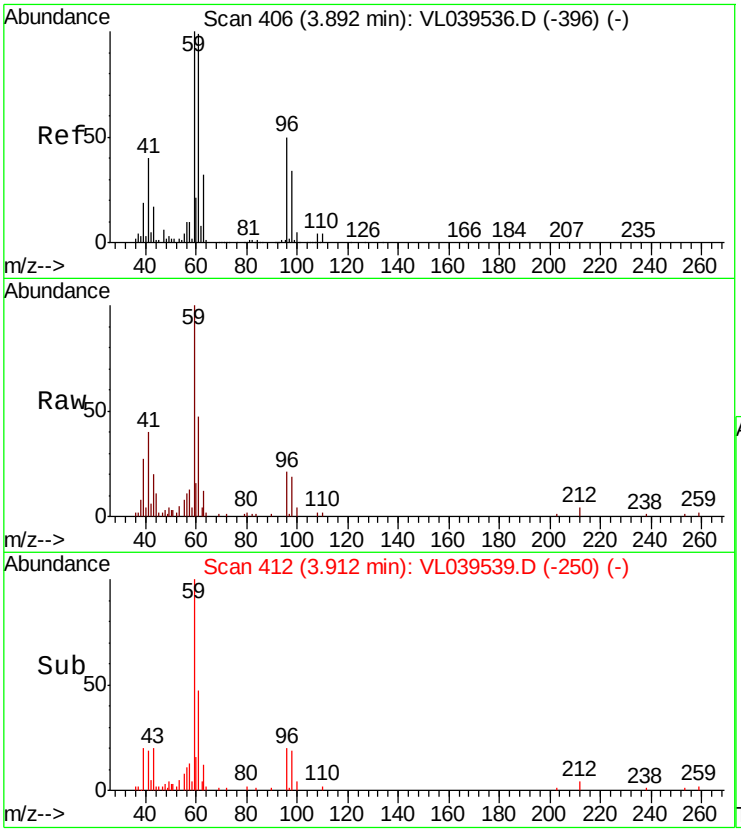


#16
1,3-Butadiene
Concen: 0.502 ppbv
RT: 3.00 min Scan# 129
Delta R.T. -0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 39 Resp: 33481

Ion	Ratio	Lower	Upper
39	100		
54	71.8	61.8	92.8



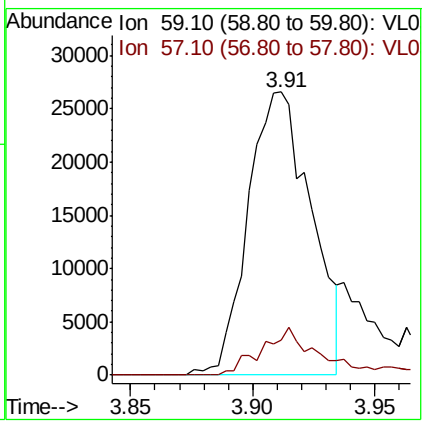


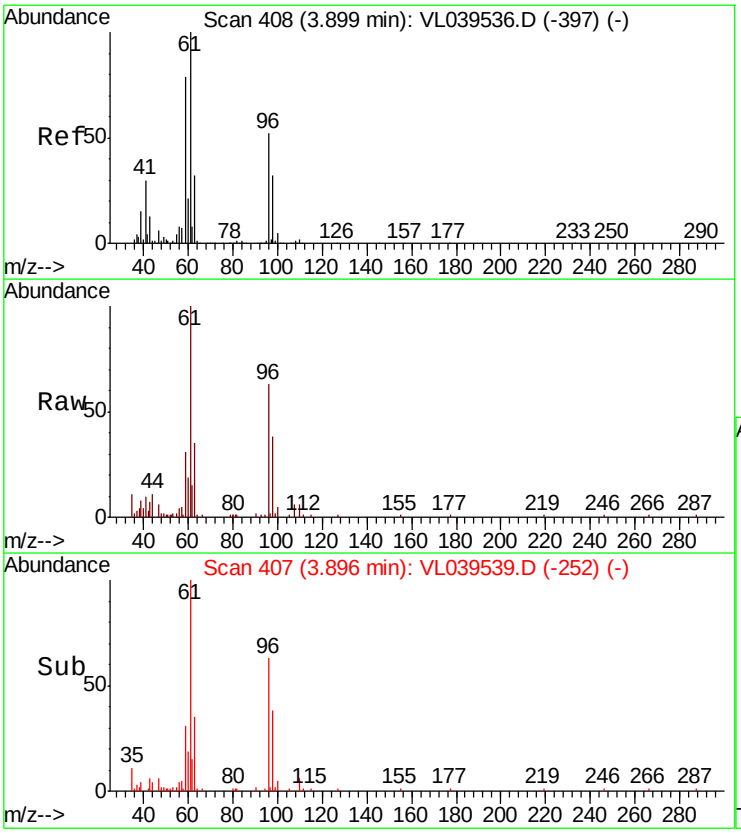
#17
tert-Butyl alcohol
Concen: 0.443 ppbv
RT: 3.91
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 47546

Ion	Ratio	Lower	Upper
59	100		
57	17.1	8.6	12.8#

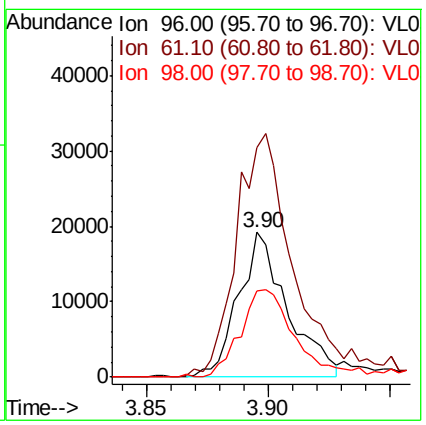


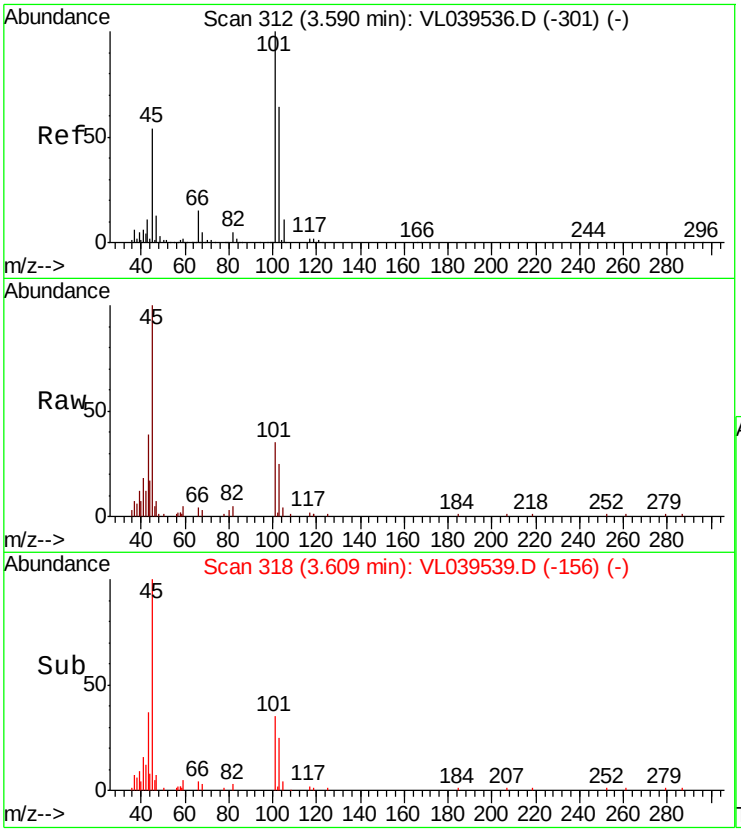


#18
1,1-Dichloroethene
Concen: 0.457 ppbv
RT: 3.90 min Scan# 407
Delta R.T. -0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 96 Resp: 26617

Ion	Ratio	Lower	Upper
96	100		
61	157.6	153.8	230.6
98	57.6	48.6	73.0



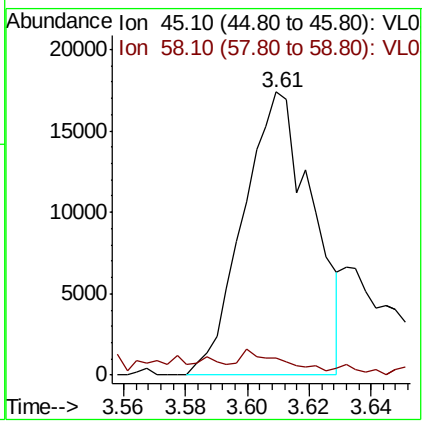


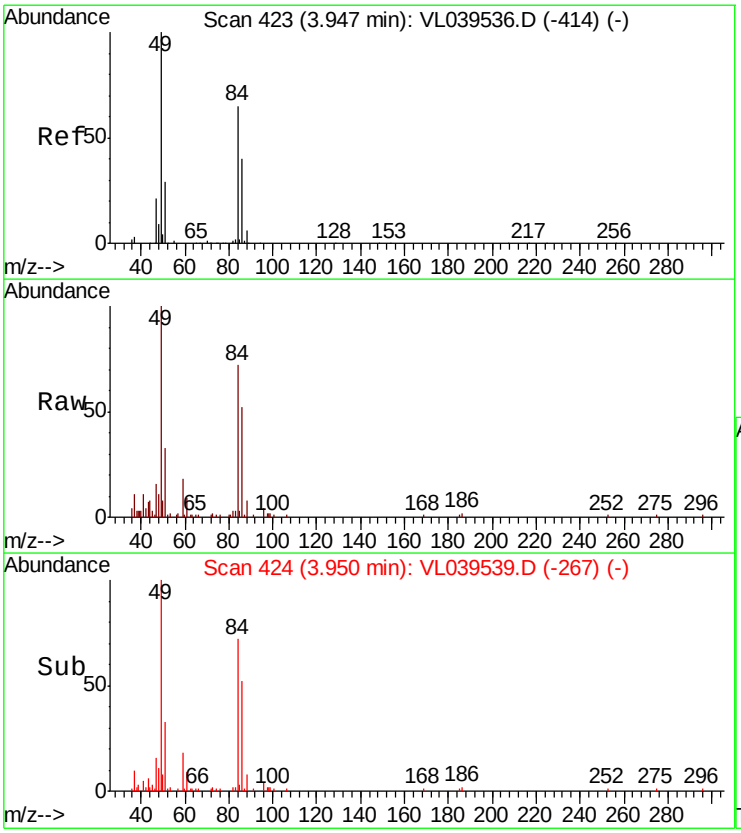
#19
Isopropyl Alcohol
Concen: 0.398 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 26931

Ion	Ratio	Lower	Upper
45	100		
58	13.1	0.0	0.0#

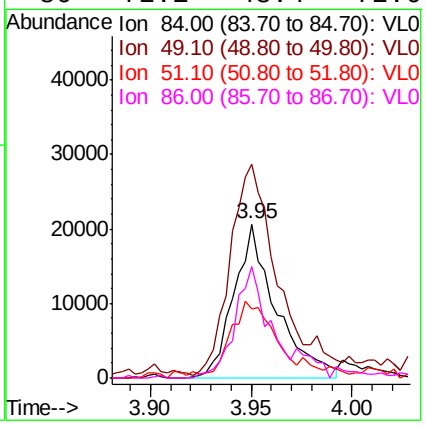


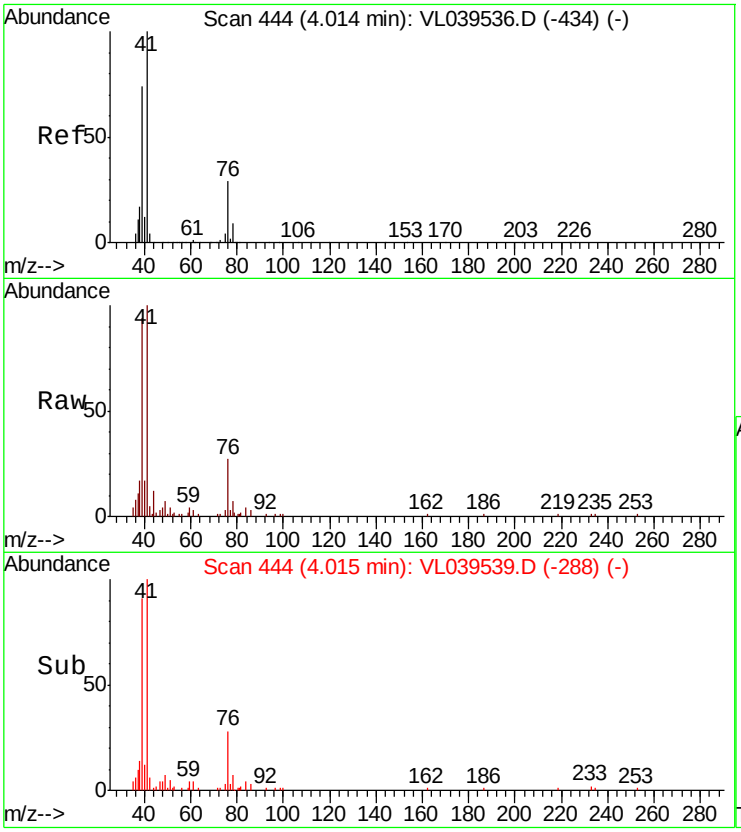


#20
Methylene Chloride
Concen: 0.594 ppbv
RT: 3.95 min Scan# 424
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 84 Resp: 30228

Ion	Ratio	Lower	Upper
84	100		
49	131.6	122.2	183.4
51	43.3	35.8	53.6
86	72.1	48.4	72.6



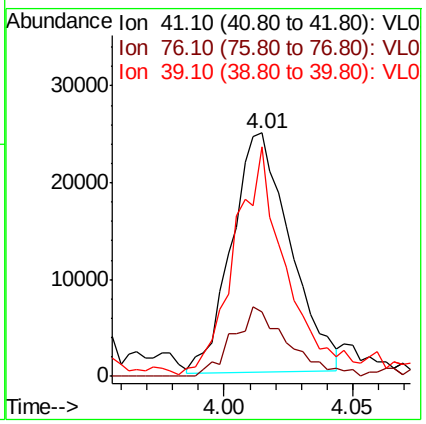


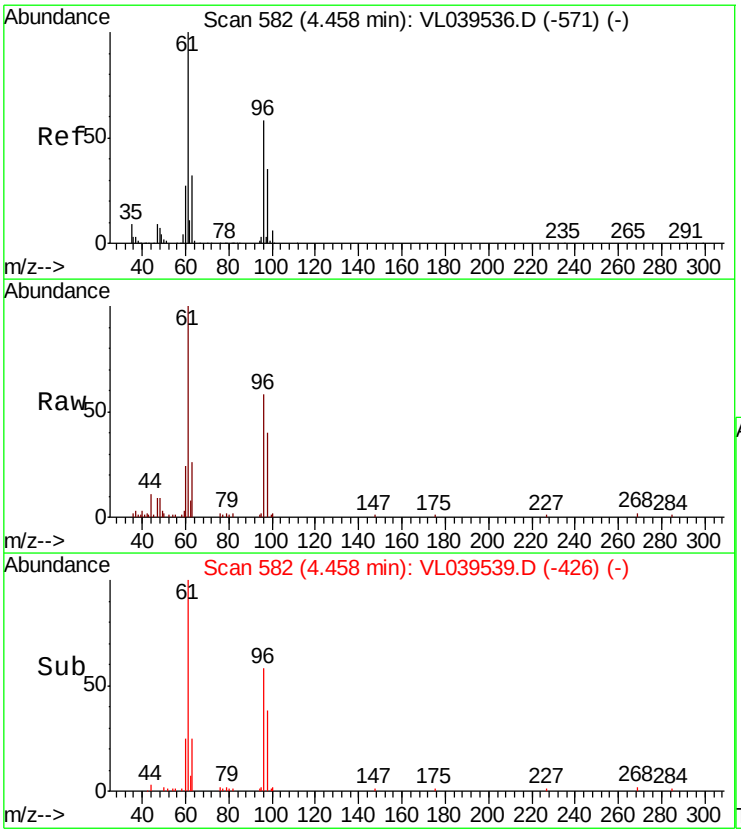
#21
Allvl Chloride
Concen: 0.444 ppbv
RT: 4.01
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 39346

Ion	Ratio	Lower	Upper
41	100		
76	27.1	23.1	34.7
39	94.4	63.4	95.2

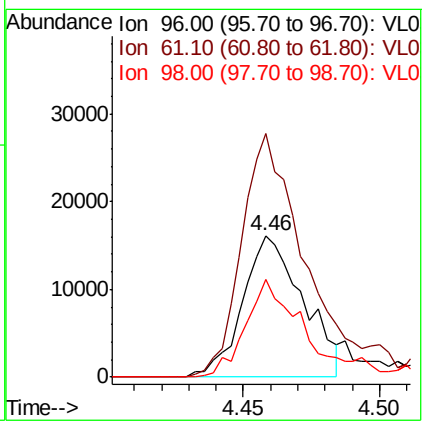


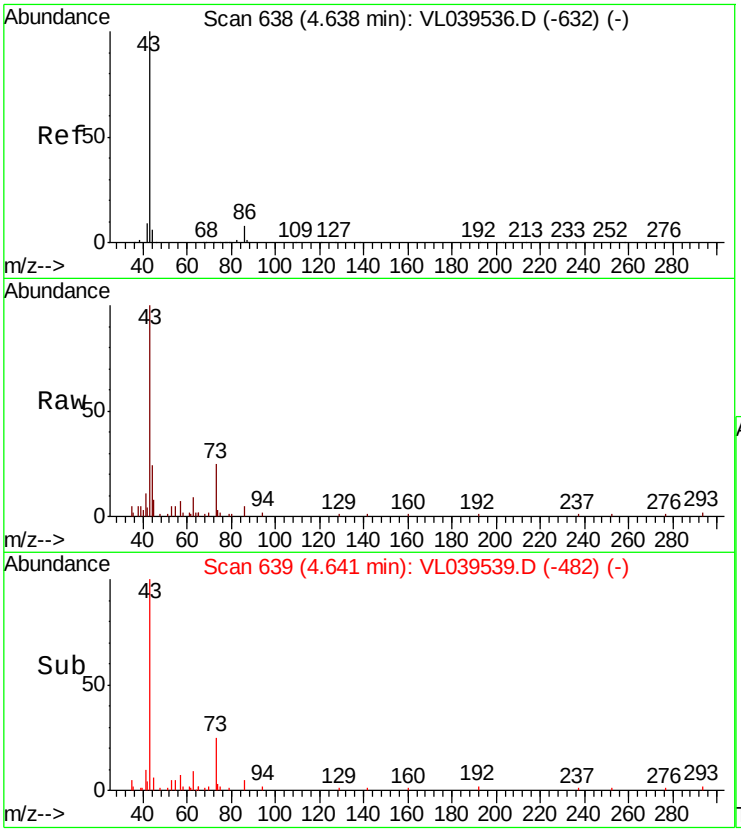


#22
trans-1,2-Dichloroethene
Concen: 0.441 ppbv
RT: 4.46 min Scan# 582
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 96 Resp: 24718

Ion	Ratio	Lower	Upper
96	100		
61	172.2	138.1	207.1
98	69.3	48.8	73.2



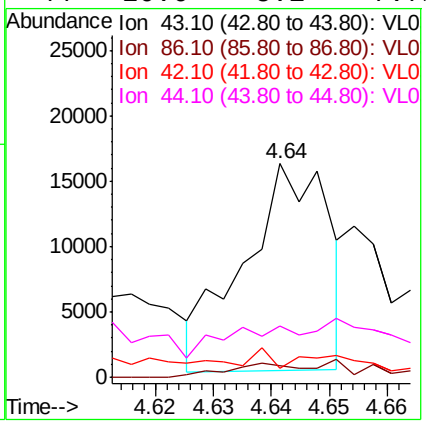


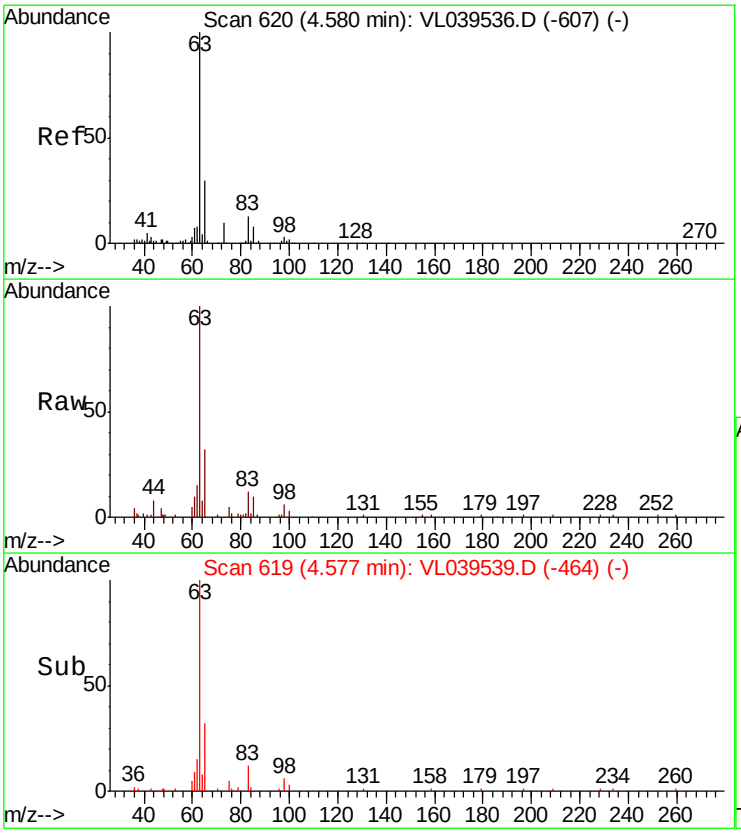
#23
Vinyl Acetate
Concen: 0.198 ppbv
RT: 4.64
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 16098

Ion	Ratio	Lower	Upper
43	100		
86	5.9	5.3	7.9
42	0.0	8.7	13.1#
44	20.6	5.1	7.7#

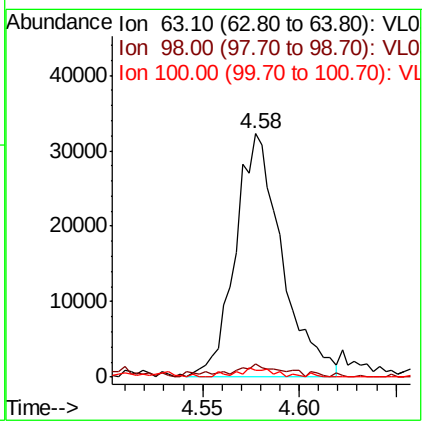


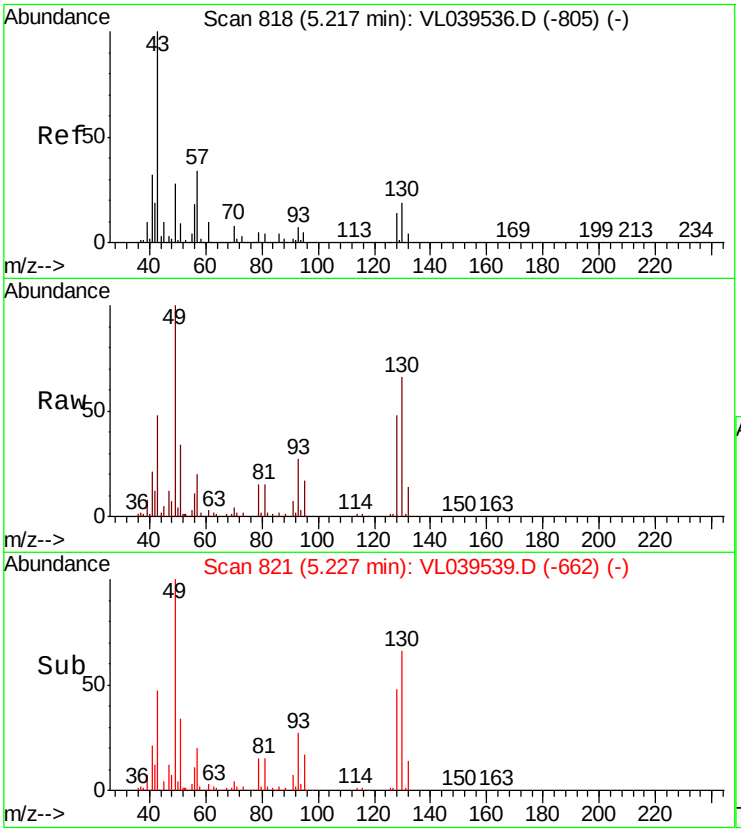


#24
1,1-Dichloroethane
Concen: 0.448 ppbv
RT: 4.58 min Scan# 619
Delta R.T. -0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 63 Resp: 54102

Ion	Ratio	Lower	Upper
63	100		
98	3.9	1.7	5.0
100	2.7	1.1	3.3



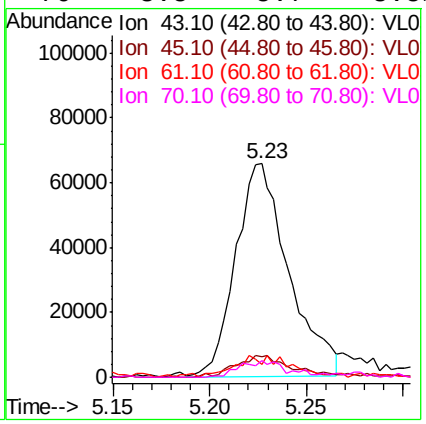


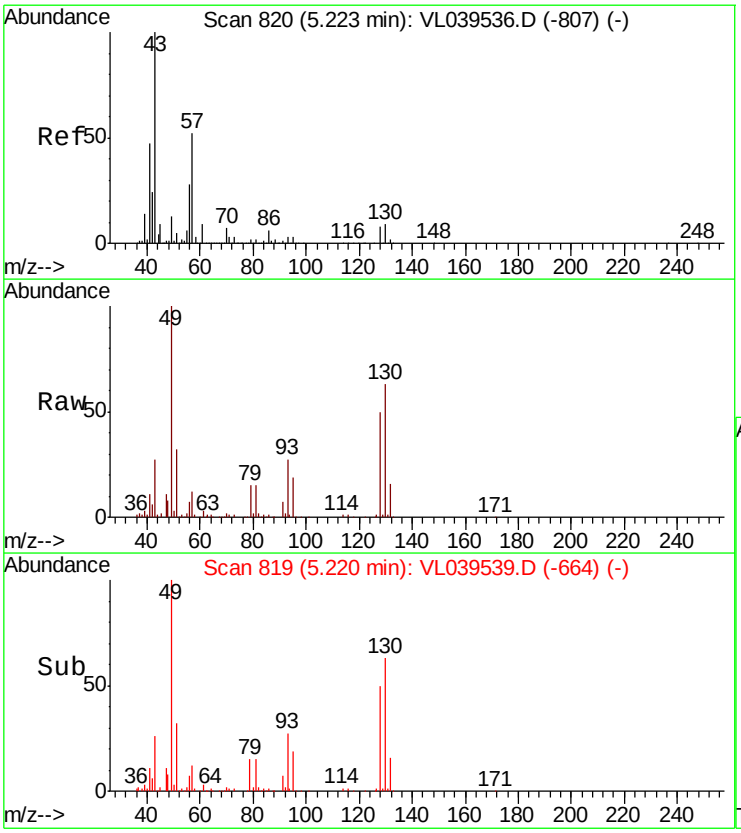
#25
Ethyl Acetate
Concen: 0.474 ppbv
RT: 5.23
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 125040

Ion	Ratio	Lower	Upper
43	100		
45	12.1	8.2	12.4
61	13.2	8.6	12.8#
70	8.5	5.7	8.5#

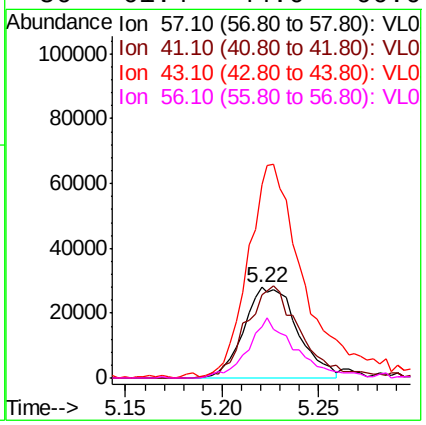


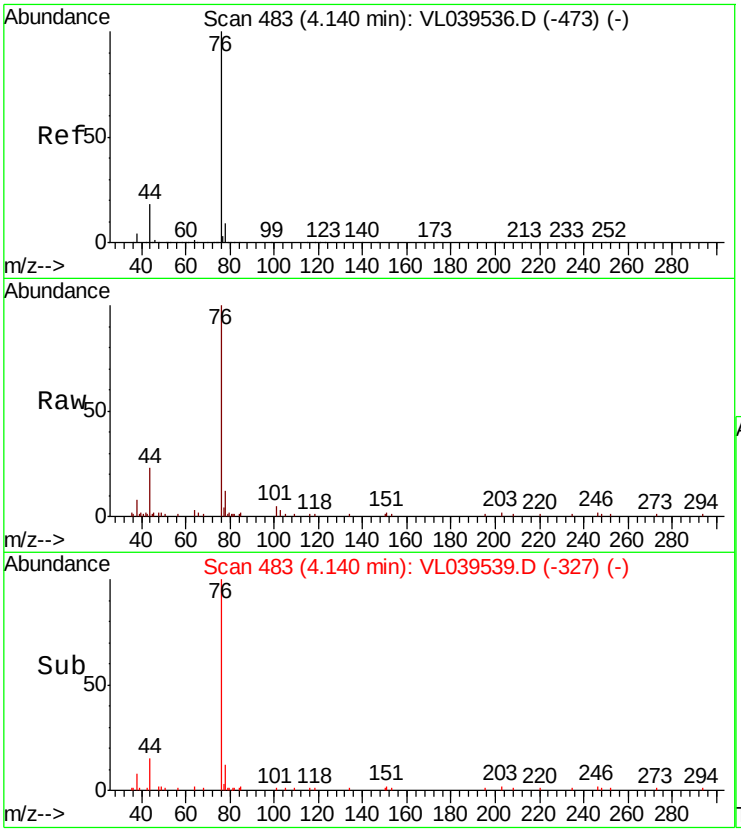


#26
Hexane
Concen: 0.509 ppbv
RT: 5.22 min Scan# 819
Delta R.T. -0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 57 Resp: 53599

Ion	Ratio	Lower	Upper
57	100		
41	109.7	79.4	119.2
43	258.9	199.7	299.5
56	61.4	44.0	66.0



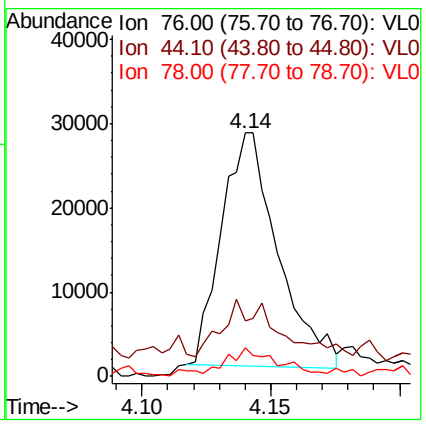


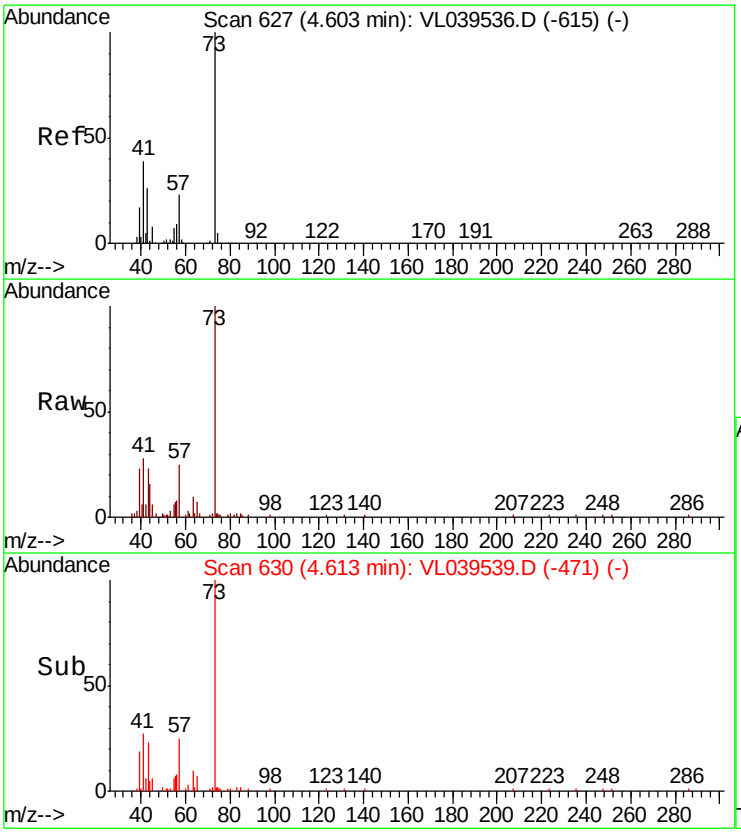
#27
Carbon Disulfide
Concen: 0.334 ppbv
RT: 4.14
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 76 Resp: 42378

Ion	Ratio	Lower	Upper
76	100		
44	39.2	16.3	24.5#
78	13.2	7.8	11.6#

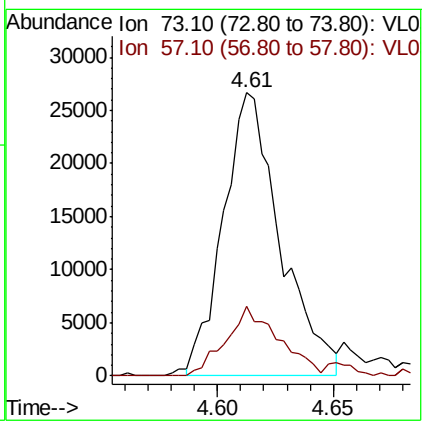


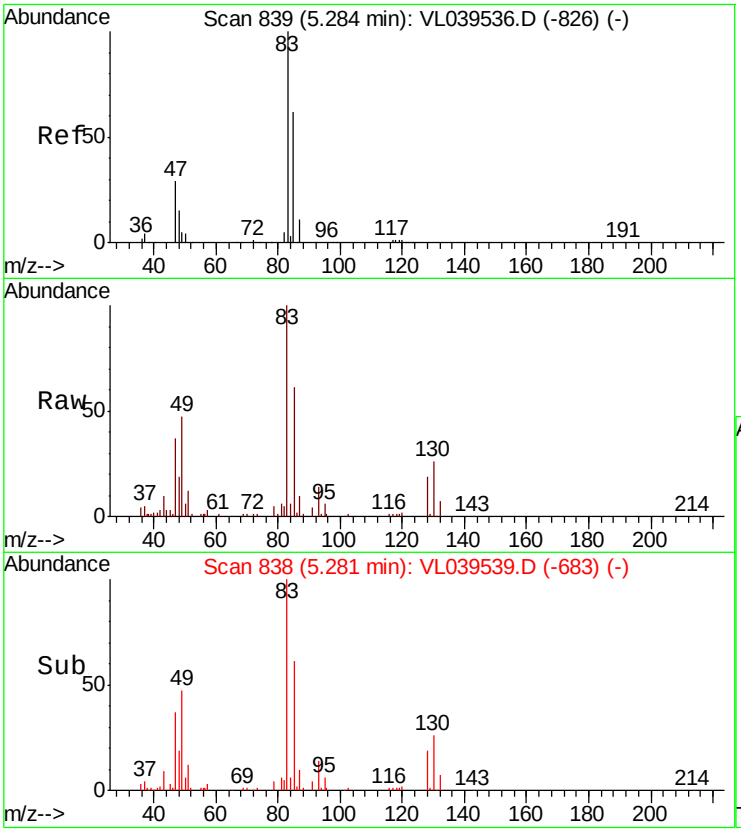


#28
Methyl tert-Butyl Ether
Concen: 0.411 ppbv
RT: 4.61 min Scan# 630
Delta R.T. 0.01 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 73 Resp: 45704

Ion	Ratio	Lower	Upper
73	100		
57	25.7	19.8	29.6



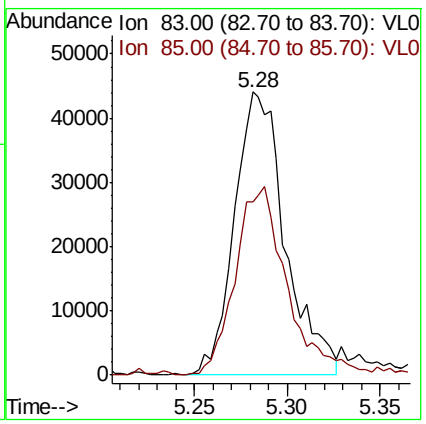


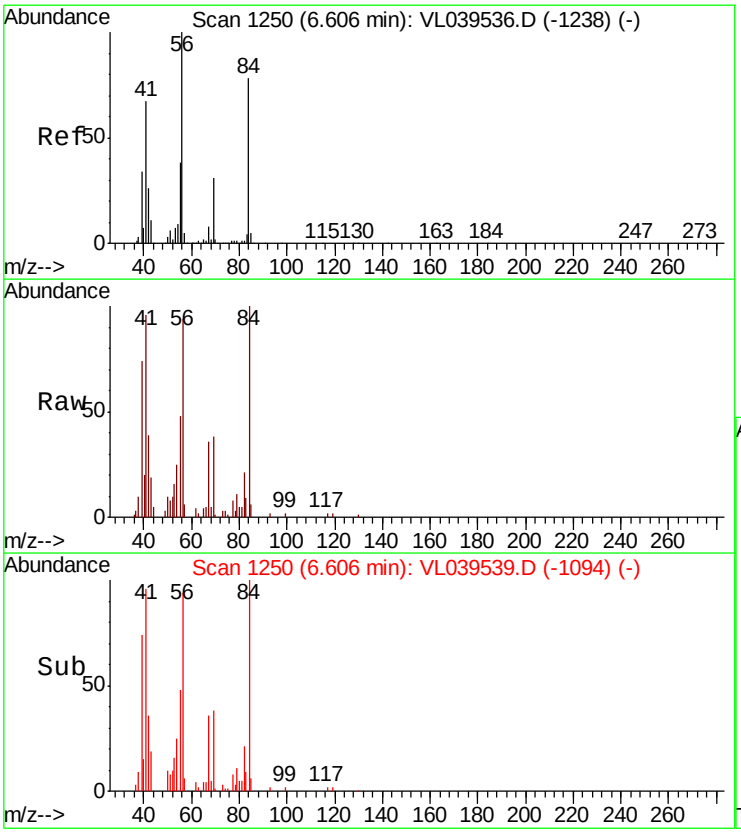
#29
Chloroform
Concen: 0.460 ppbv
RT: 5.28
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 84100

Ion	Ratio	Lower	Upper
83	100		
85	61.3	49.8	74.8

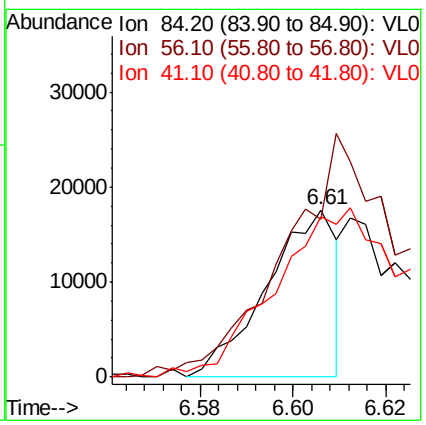


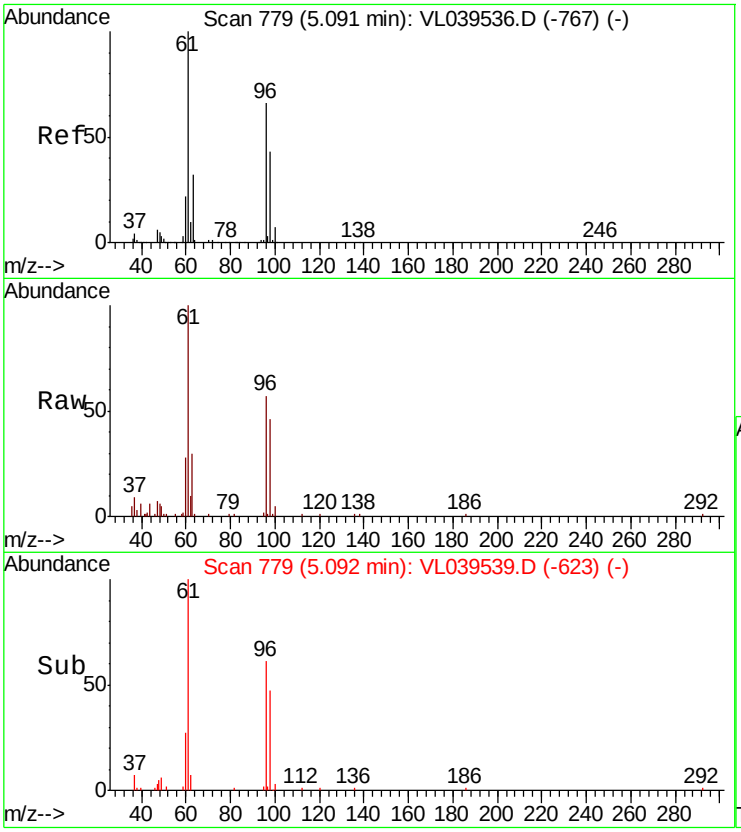


#30
Cyclohexane
Concen: 0.192 ppbv
RT: 6.61 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 84 Resp: 18413

Ion	Ratio	Lower	Upper
84	100		
56	0.0	0.0	0.0
41	0.0	0.0	0.0



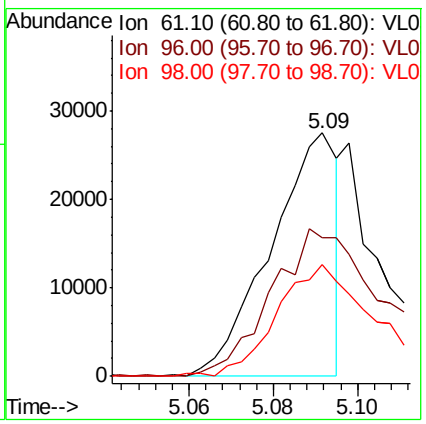


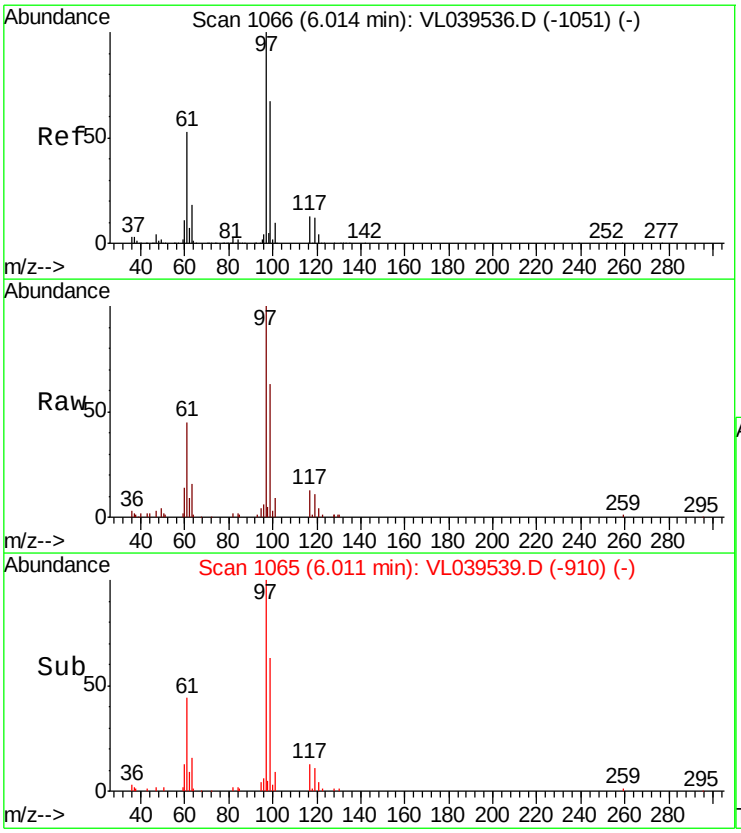
#31
cis-1,2-Dichloroethene
Concen: 0.270 ppbv
RT: 5.09
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 61 Resp: 30237

Ion	Ratio	Lower	Upper
61	100		
96	57.2	52.9	79.3
98	44.7	34.5	51.7

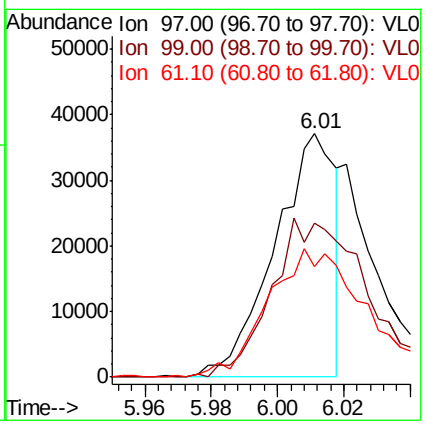


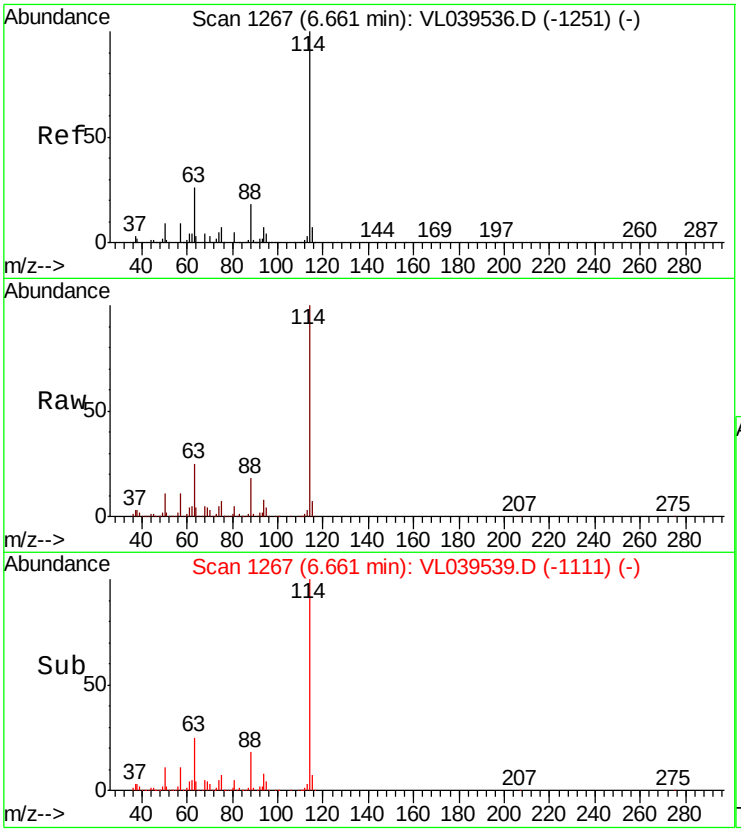


#32
1,1,1-Trichloroethane
Concen: 0.263 ppbv
RT: 6.01 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 97 Resp: 47435

Ion	Ratio	Lower	Upper
97	100		
99	105.7	52.4	78.6#
61	88.5	42.9	64.3#



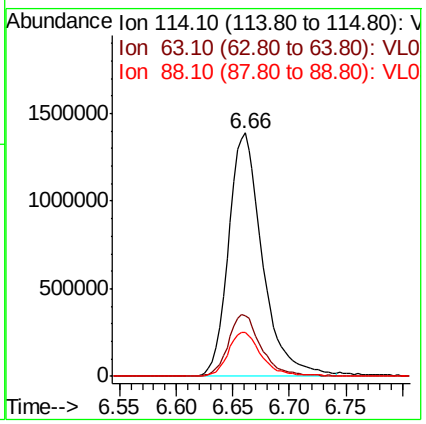


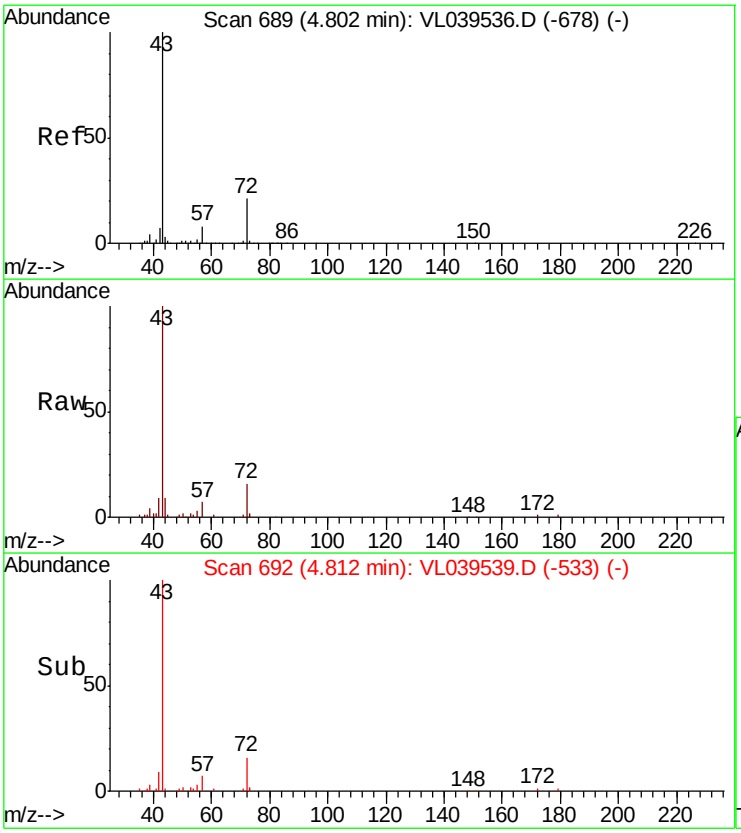
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.66
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:114 Resp: 2902482

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.6	31.0
88	18.1	14.6	22.0

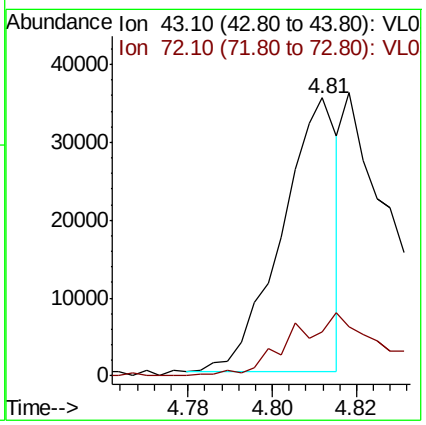


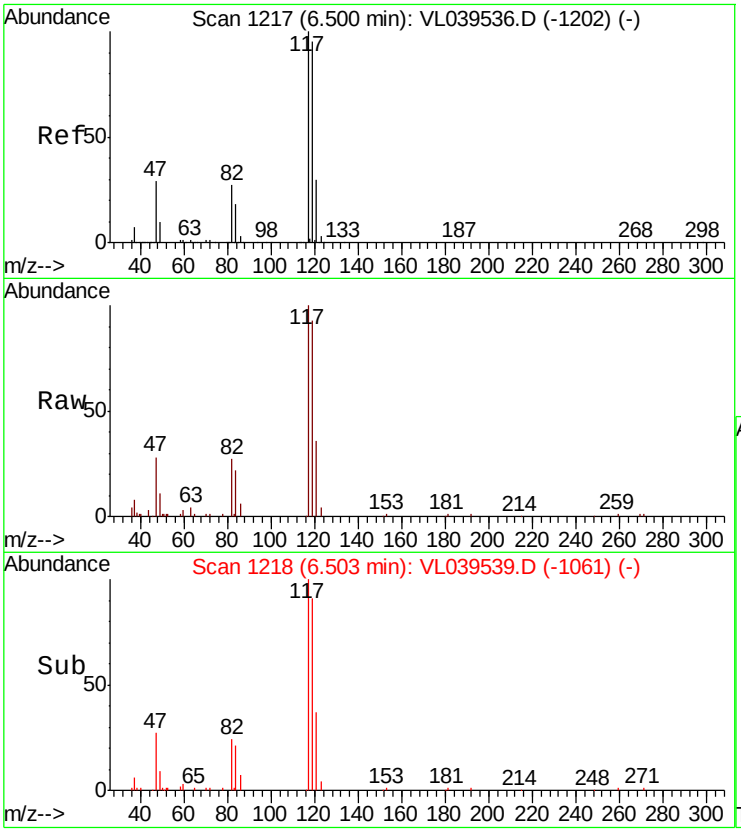


#34
2-Butanone
Concen: 0.223 ppbv
RT: 4.81 min Scan# 692
Delta R.T. 0.01 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 43 Resp: 32168

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.4	26.0#



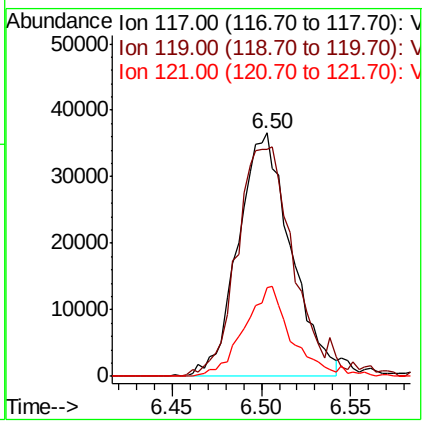


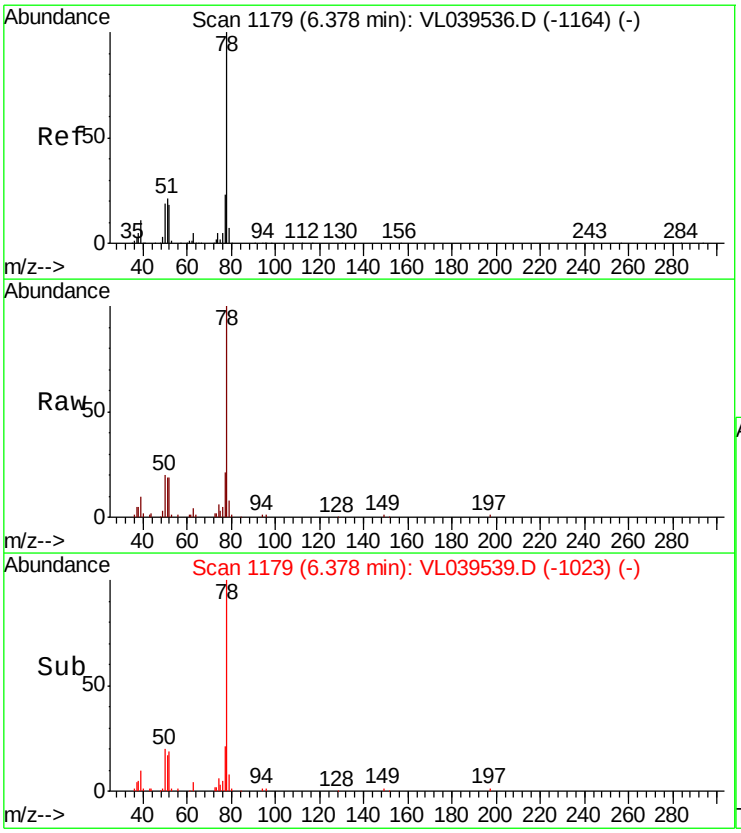
#35
Carbon Tetrachloride
Concen: 0.427 ppbv
RT: 6.50
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 75479

Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.2	114.4
121	36.5	24.4	36.6

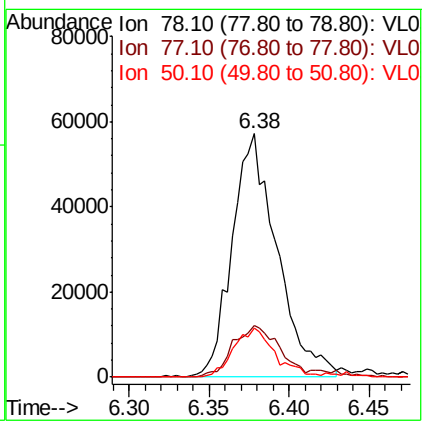


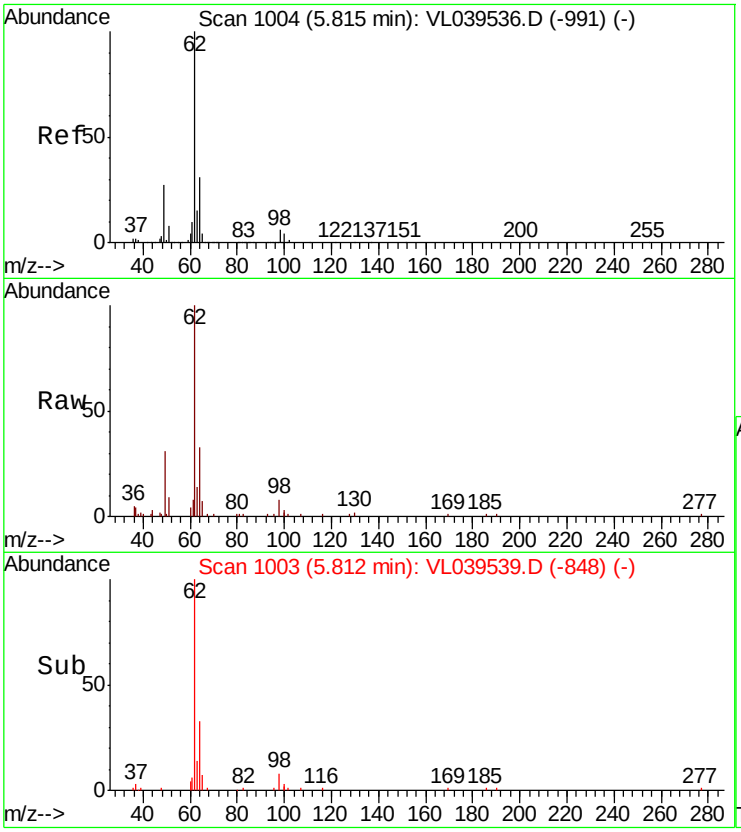


#36
Benzene
Concen: 0.490 ppbv
RT: 6.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 78 Resp: 109527

Ion	Ratio	Lower	Upper
78	100		
77	20.8	18.6	27.8
50	19.9	15.0	22.4



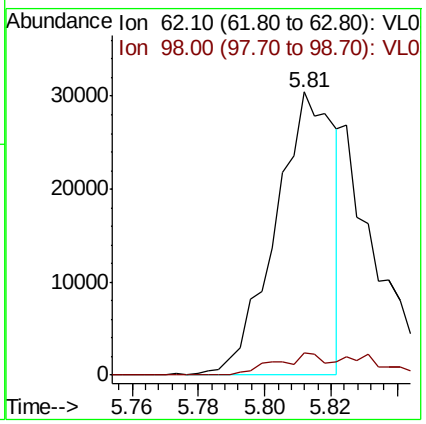


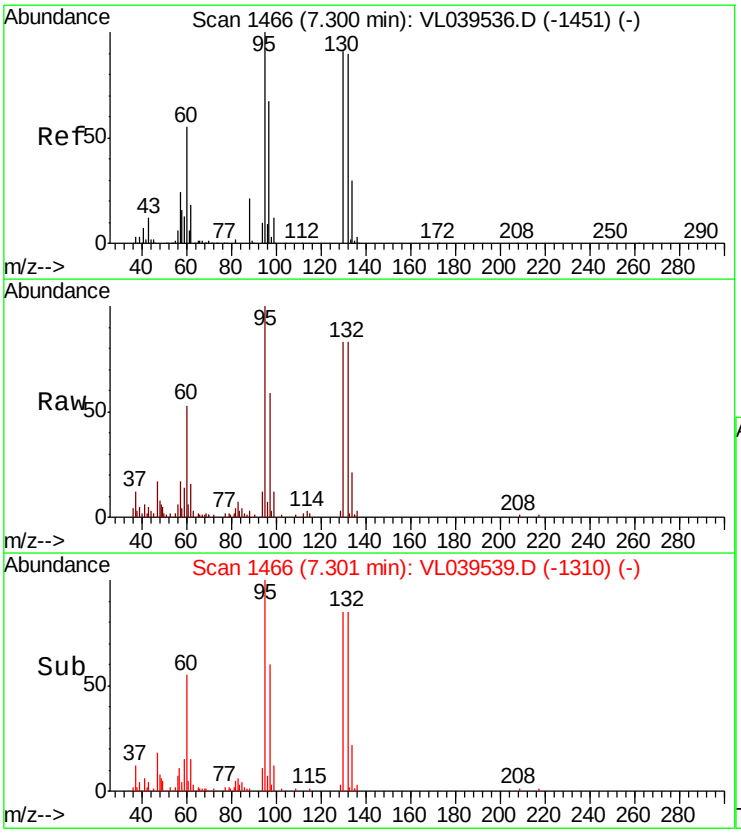
#37
1,2-Dichloroethane
Concen: 0.288 ppbv
RT: 5.81
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 37645

Ion	Ratio	Lower	Upper
62	100		
98	14.0	5.4	8.2#

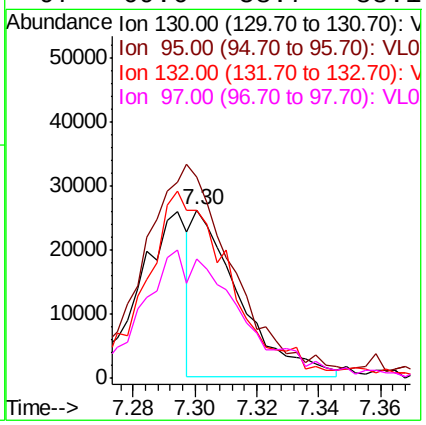


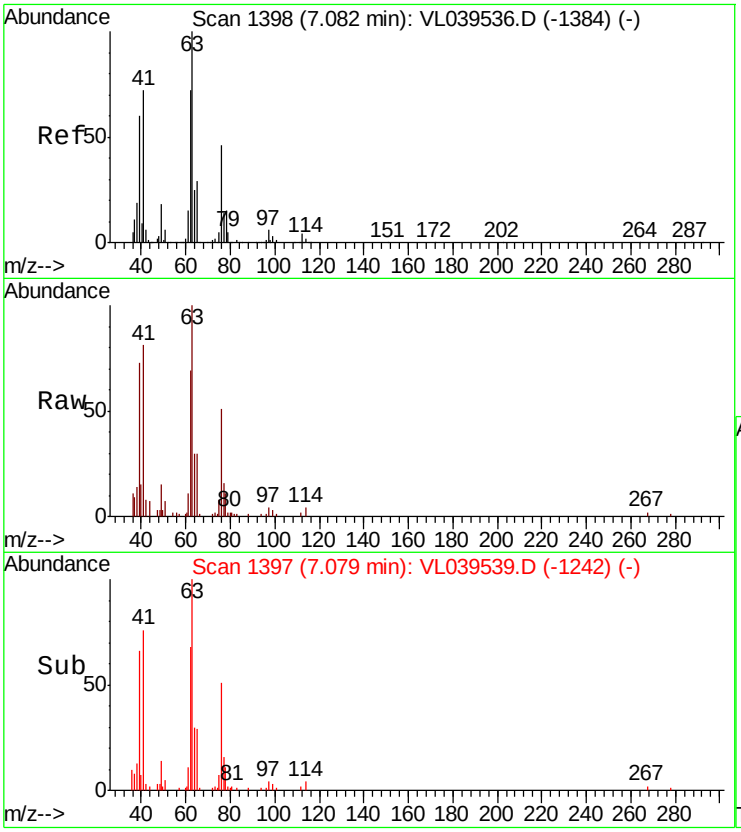


#38
Trichloroethene
Concen: 0.225 ppbv
RT: 7.30 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:130 Resp: 27420

Ion	Ratio	Lower	Upper
130	100		
95	118.4	88.0	132.0
132	99.4	79.1	118.7
97	69.6	58.7	88.1



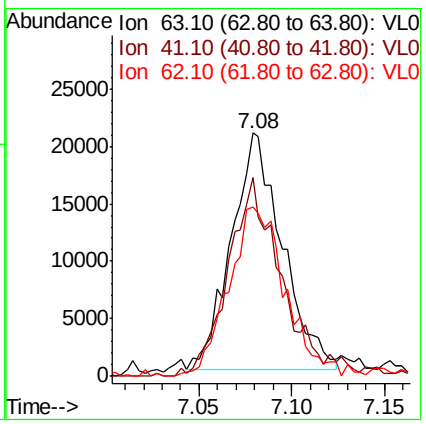


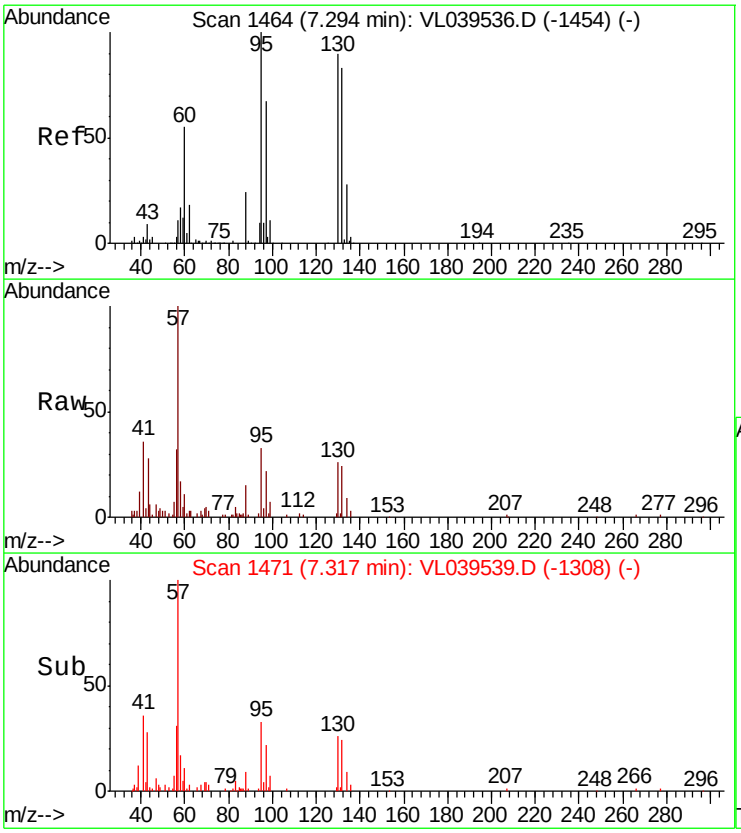
#39
1,2-Dichloropropane
Concen: 0.471 ppbv
RT: 7.08
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 39265

Ion	Ratio	Lower	Upper
63	100		
41	82.6	58.0	87.0
62	69.8	57.8	86.8

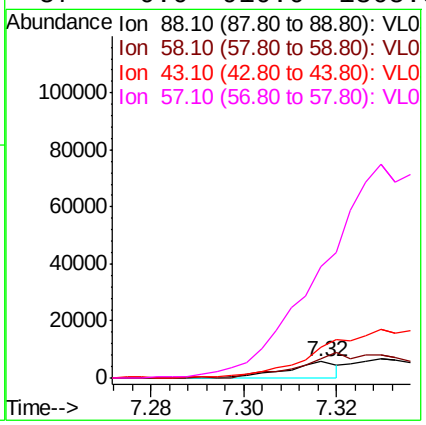


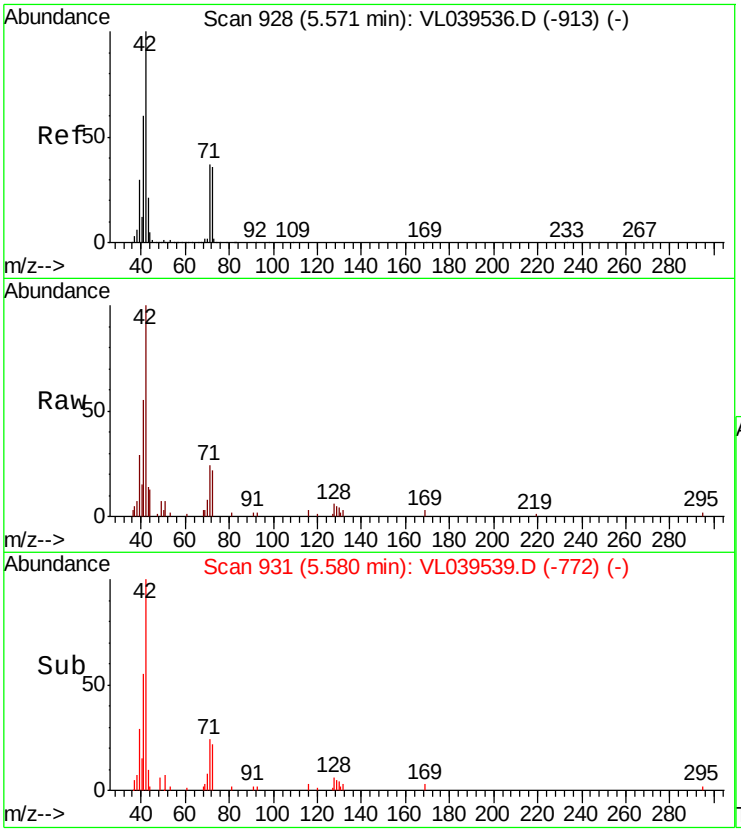


#40
1,4-Dioxane
Concen: 0.133 ppbv
RT: 7.32 min Scan# 1471
Delta R.T. 0.02 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 88 Resp: 4387

Ion	Ratio	Lower	Upper
88	100		
58	469.5	102.8	154.2#
43	0.0	216.2	324.2#
57	0.0	910.0	1365.0#



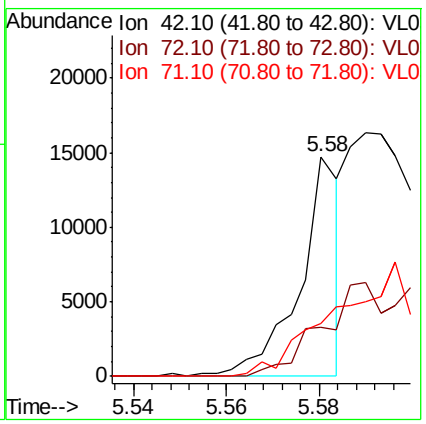


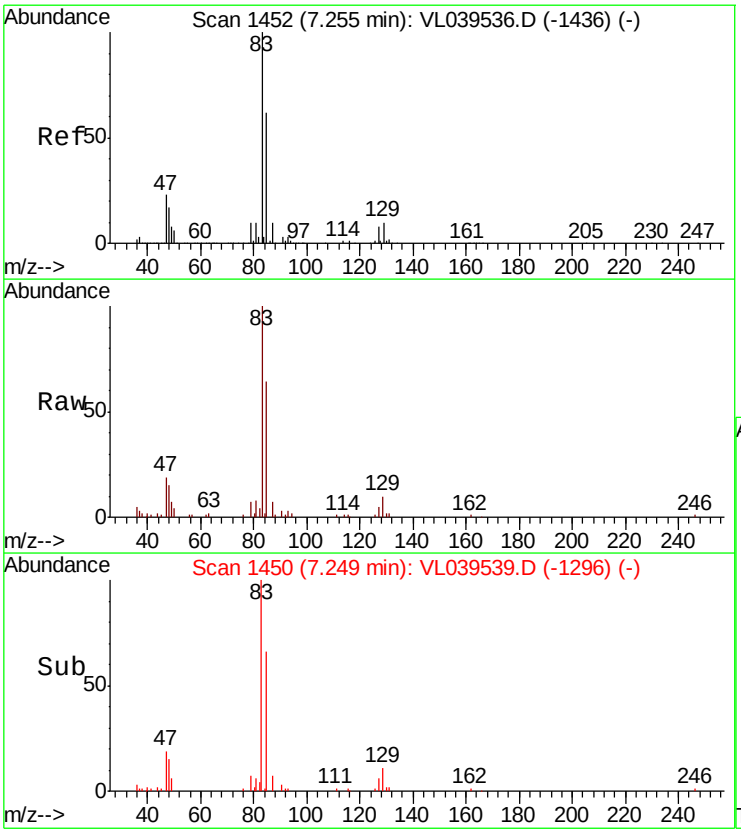
#41
Tetrahydrofuran
Concen: 0.104 ppbv
RT: 5.58
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 8772

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.6	45.8#
71	0.0	30.7	46.1#

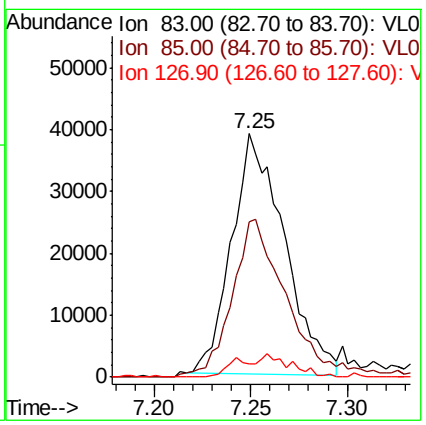


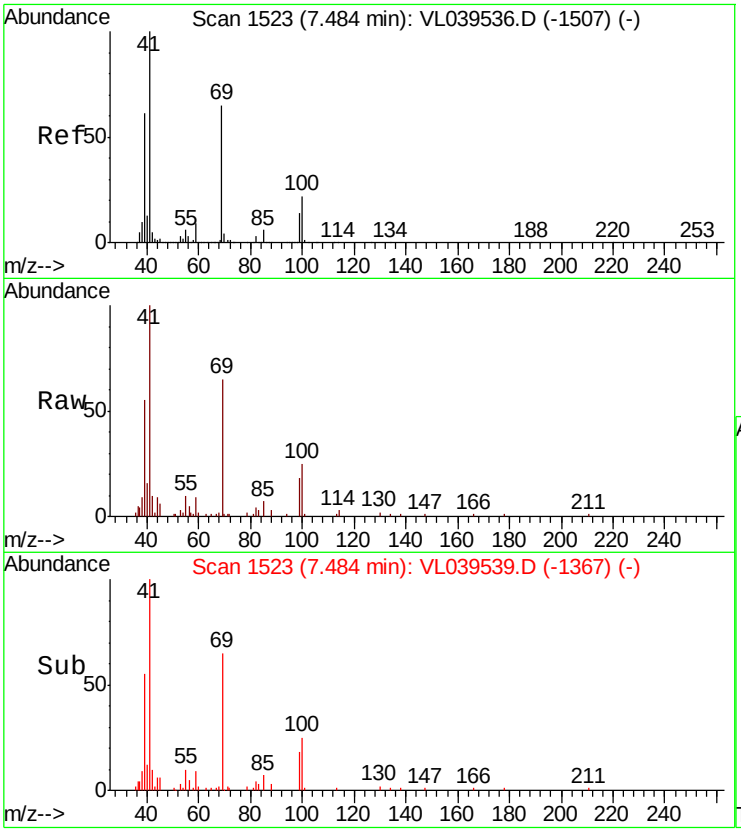


#42
Bromodichloromethane
Concen: 0.417 ppbv
RT: 7.25 min Scan# 1450
Delta R.T. -0.01 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 83 Resp: 73549

Ion	Ratio	Lower	Upper
83	100		
85	63.1	49.9	74.9
127	5.6	6.7	10.1#



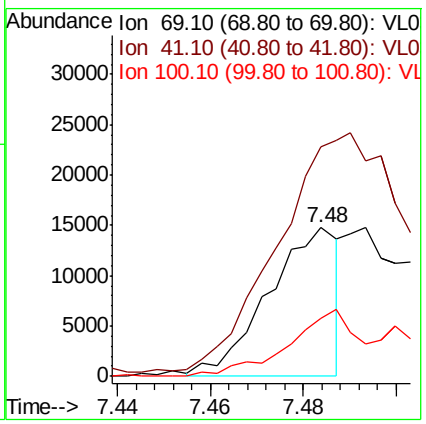


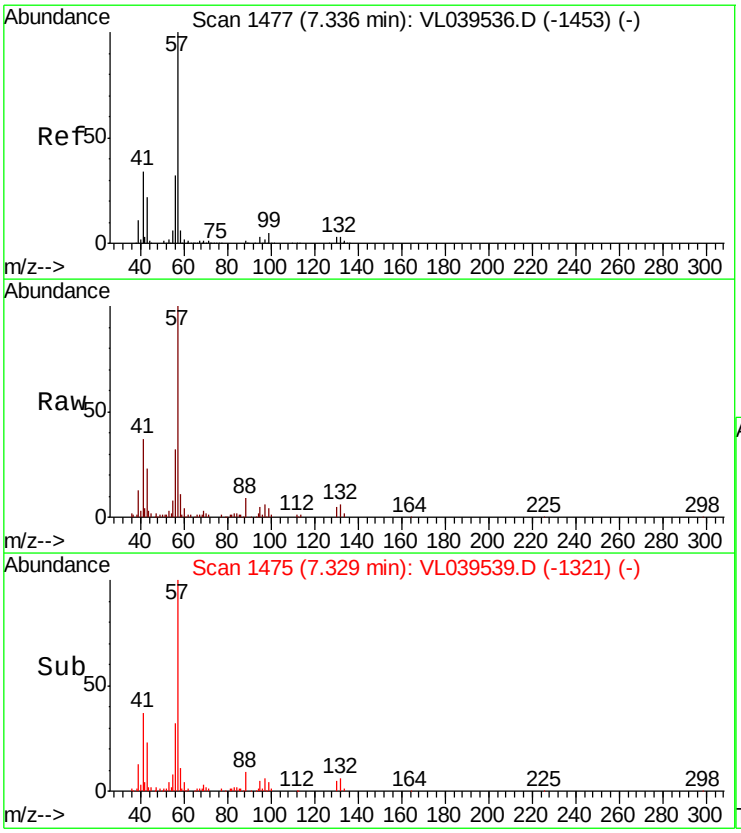
#43
Methyl Methacrylate
Concen: 0.183 ppbv
RT: 7.48
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 15471

Ion	Ratio	Lower	Upper
69	100		
41	0.0	123.0	184.6#
100	0.0	27.4	41.2#

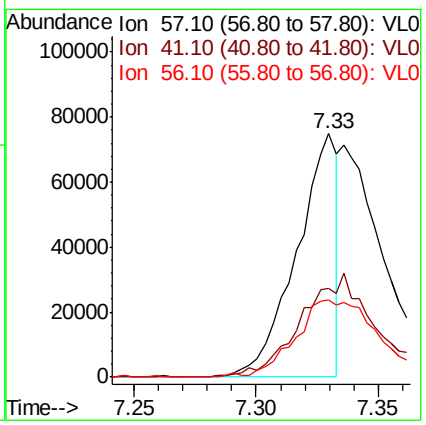


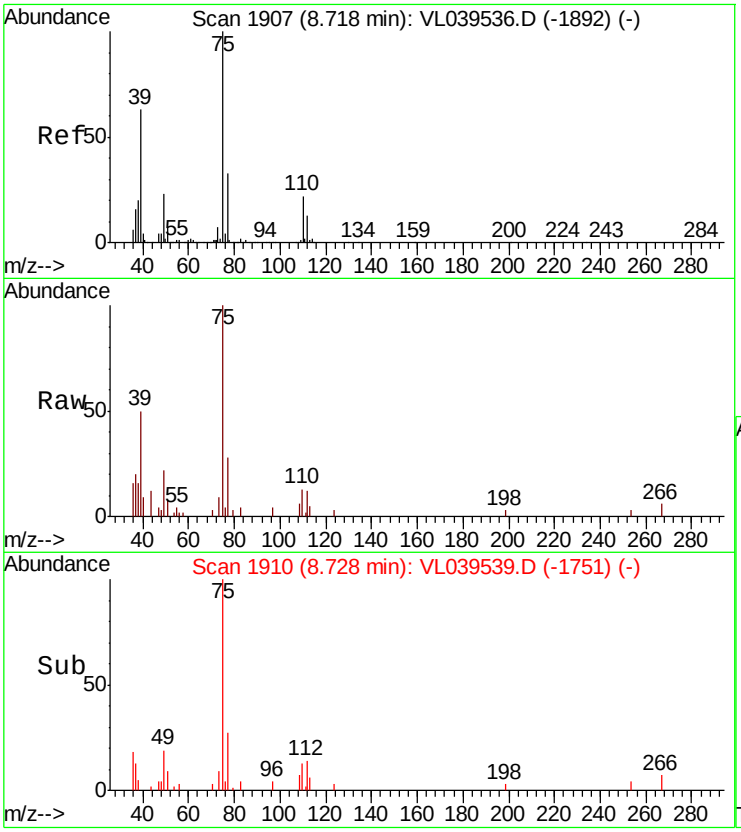


#44
2,2,4-Trimethylpentane
Concen: 0.229 ppbv
RT: 7.33 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 57 Resp: 86589

Ion	Ratio	Lower	Upper
57	100		
41	81.4	27.8	41.6#
56	67.7	25.5	38.3#



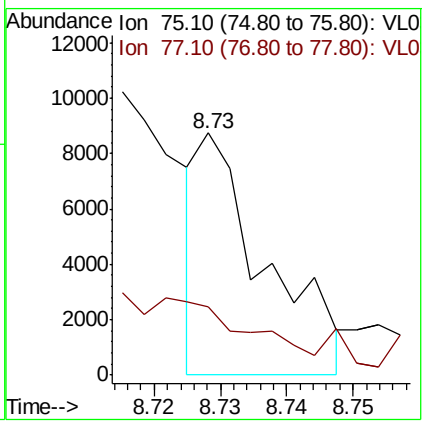


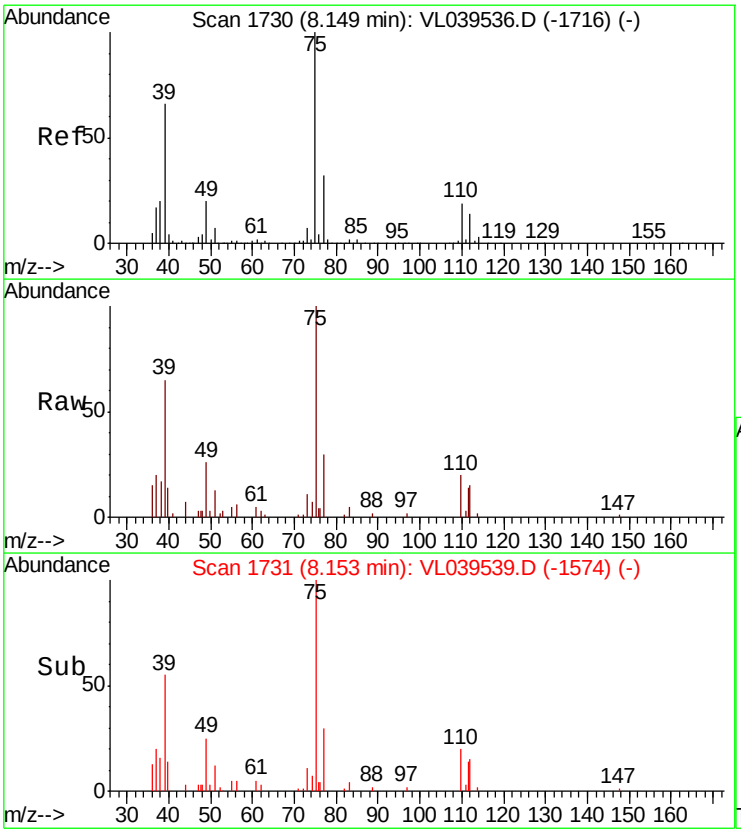
#45
t-1,3-Dichloropropene
Concen: 0.082 ppbv
RT: 8.73
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 6066

Ion	Ratio	Lower	Upper
75	100		
77	28.4	26.2	39.2

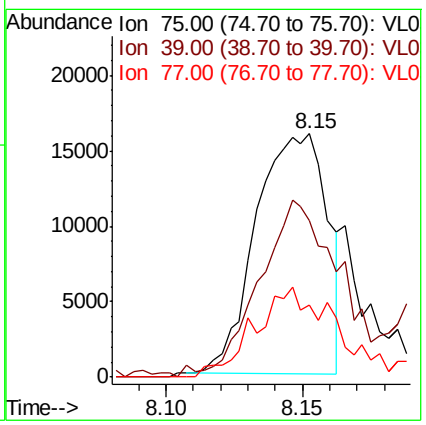


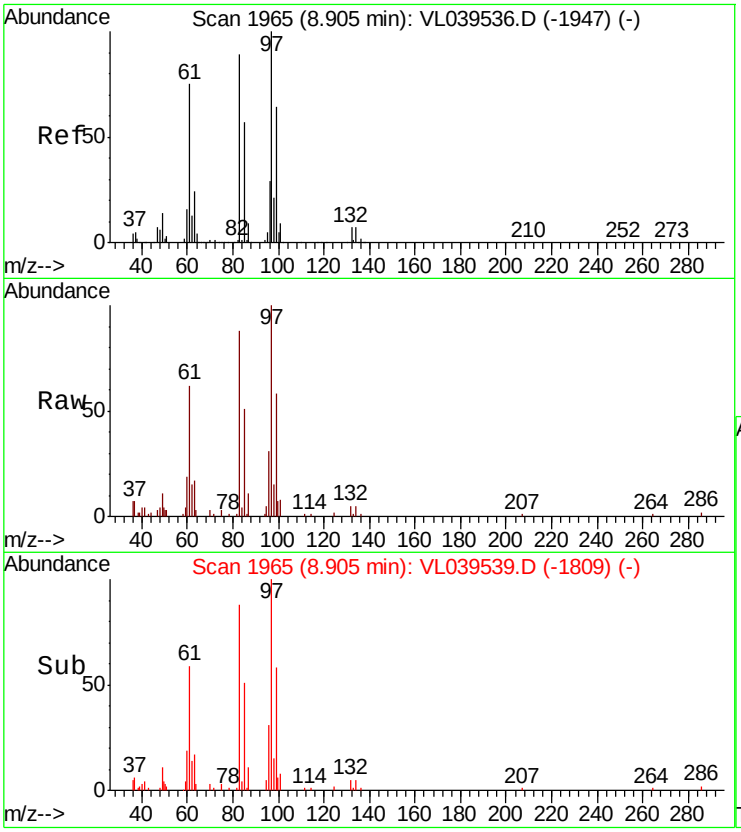


#46
cis-1,3-Dichloropropene
Concen: 0.280 ppbv
RT: 8.15 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 75 Resp: 28866

Ion	Ratio	Lower	Upper
75	100		
39	60.5	52.8	79.2
77	30.3	25.3	37.9



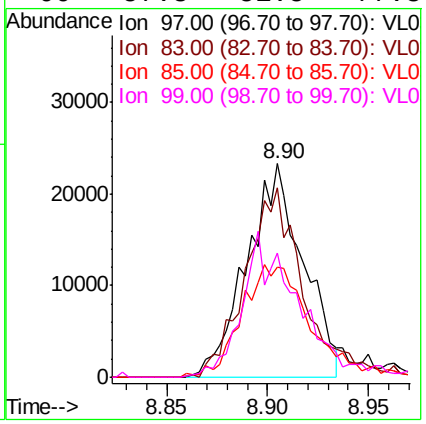


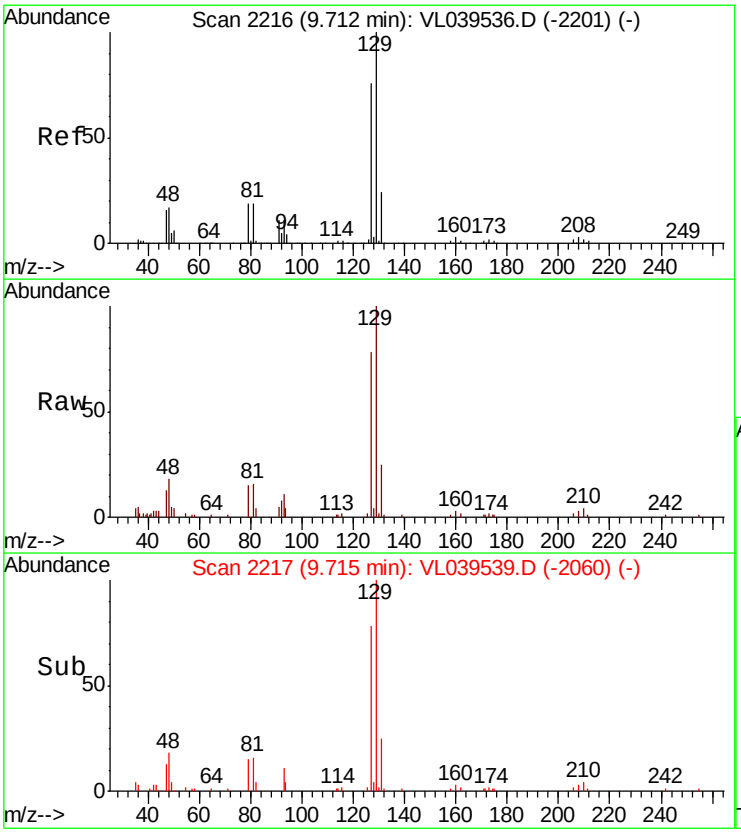
#47
1,1,2-Trichloroethane
Concen: 0.485 ppbv
RT: 8.90
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 45348

Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.8	106.2
85	49.5	45.4	68.2
99	57.8	51.5	77.3

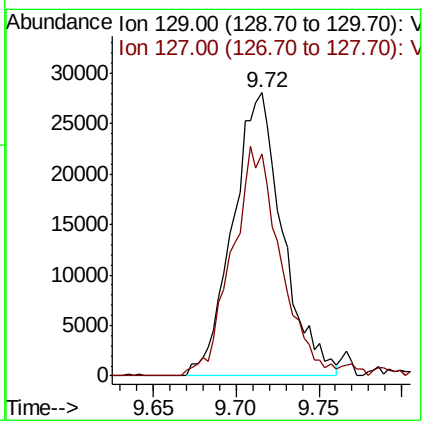


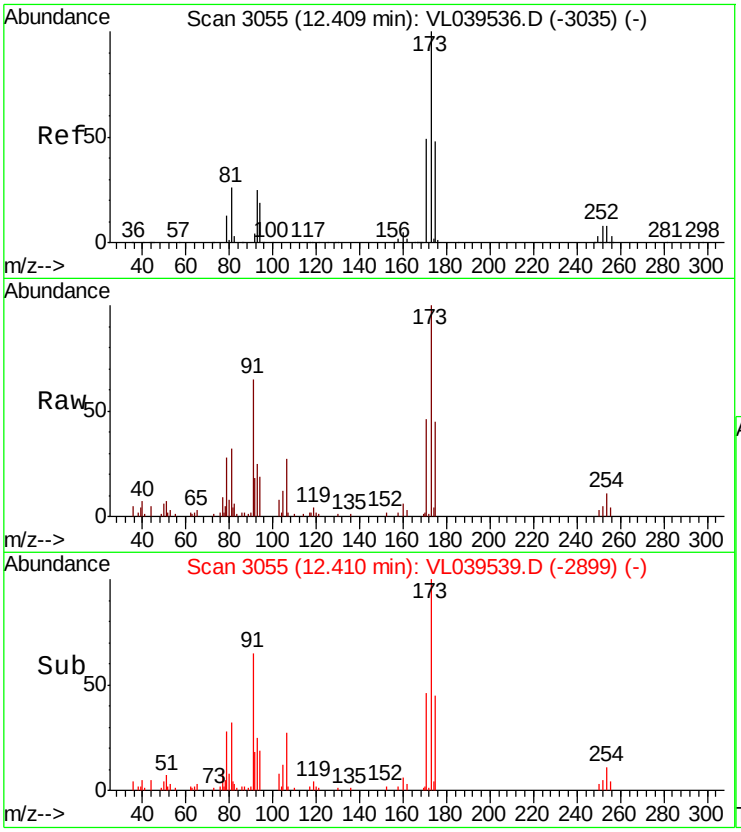


#48
Dibromochloromethane
Concen: 0.399 ppbv
RT: 9.72 min Scan# 2217
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:129 Resp: 58875

Ion	Ratio	Lower	Upper
129	100		
127	81.2	38.8	116.3



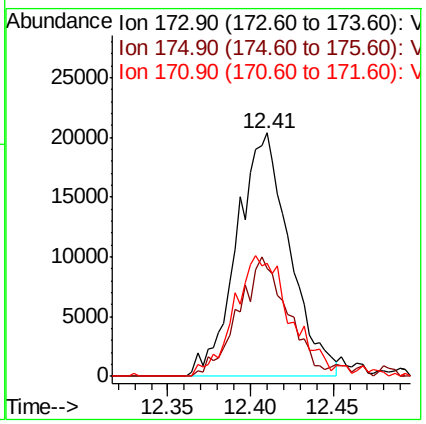


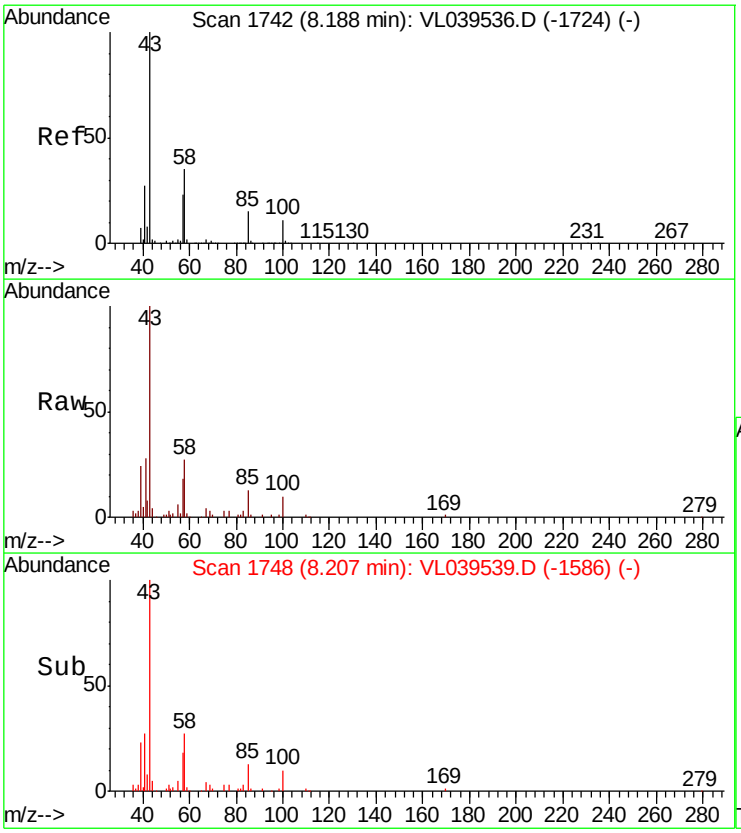
#49
Bromoform
Concen: 0.378 ppbv
RT: 12.41
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:173 Resp: 45076

Ion	Ratio	Lower	Upper
173	100		
175	48.2	0.0	0.0#
171	55.0	0.0	0.0#

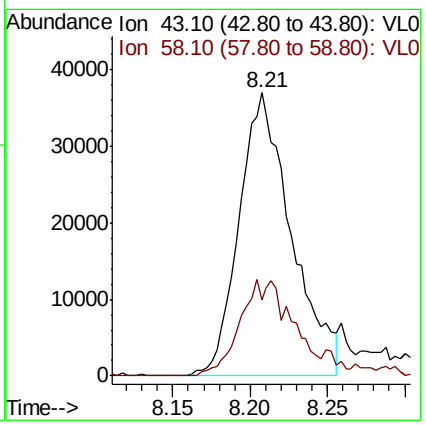


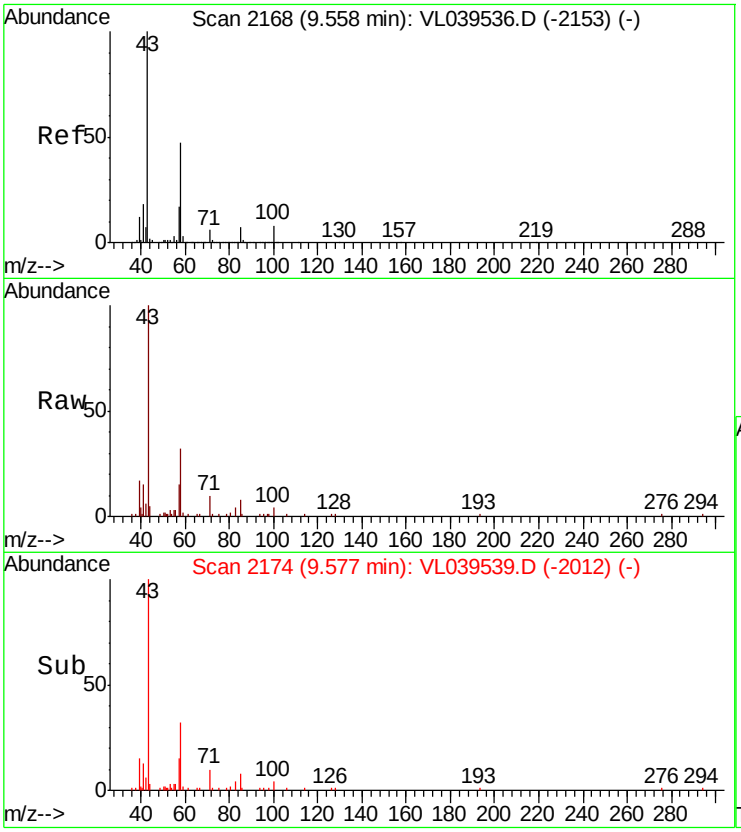


#50
4-Methyl-2-Pentanone
Concen: 0.395 ppbv
RT: 8.21 min Scan# 1748
Delta R.T. 0.02 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 43 Resp: 87209

Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.0	42.0



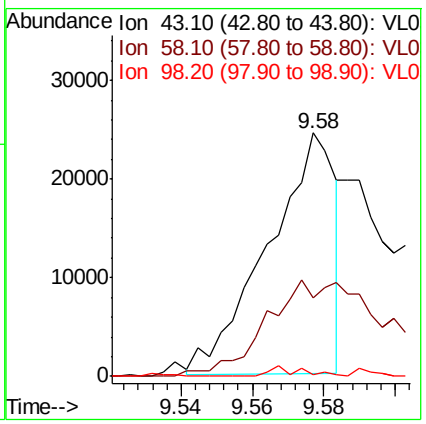


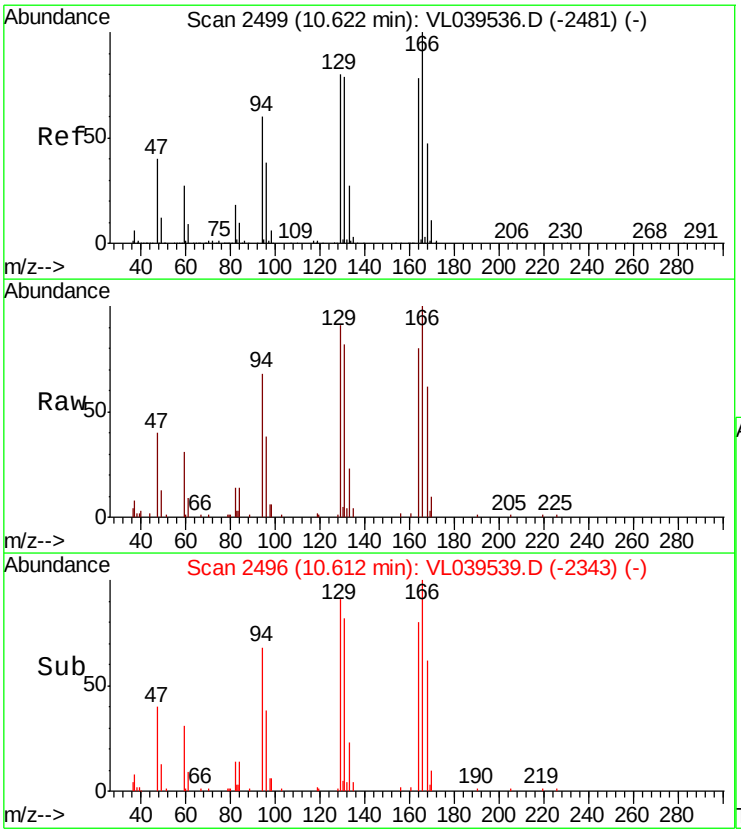
#51
2-Hexanone
Concen: 0.192 ppbv
RT: 9.58
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 31965

Ion	Ratio	Lower	Upper
43	100		
58	82.8	37.5	56.3#
98	3.9	0.5	0.7#

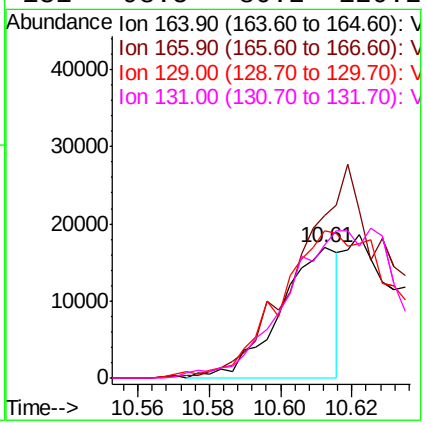


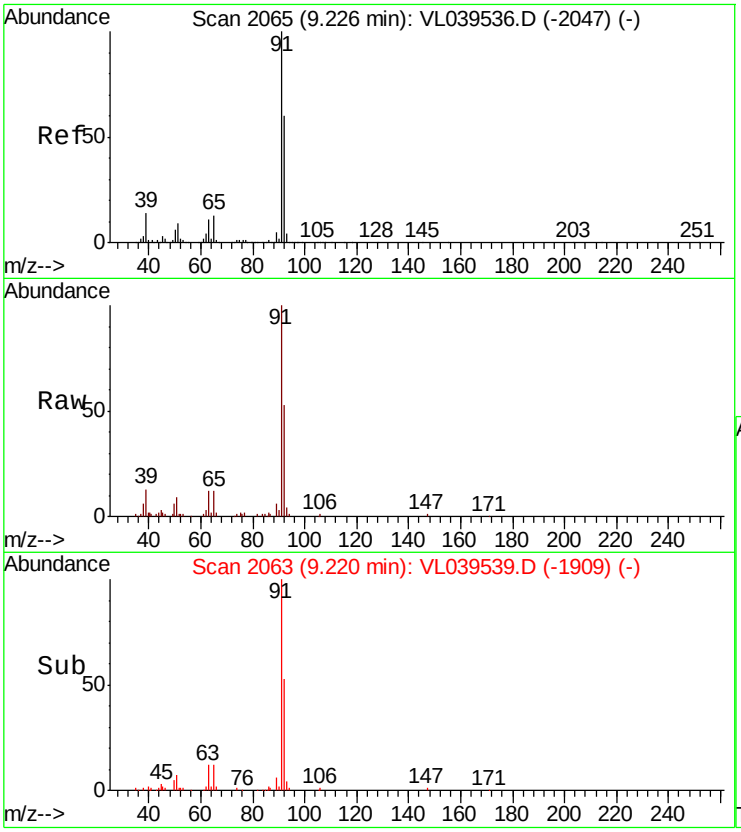


#52
Tetrachloroethene
Concen: 0.213 ppbv
RT: 10.61 min Scan# 2496
Delta R.T. -0.01 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:164 Resp: 19057

Ion	Ratio	Lower	Upper
164	100		
166	123.3	102.0	153.0
129	108.5	81.7	122.5
131	98.5	80.2	120.2



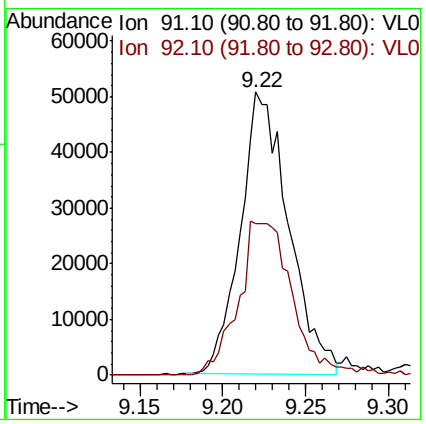


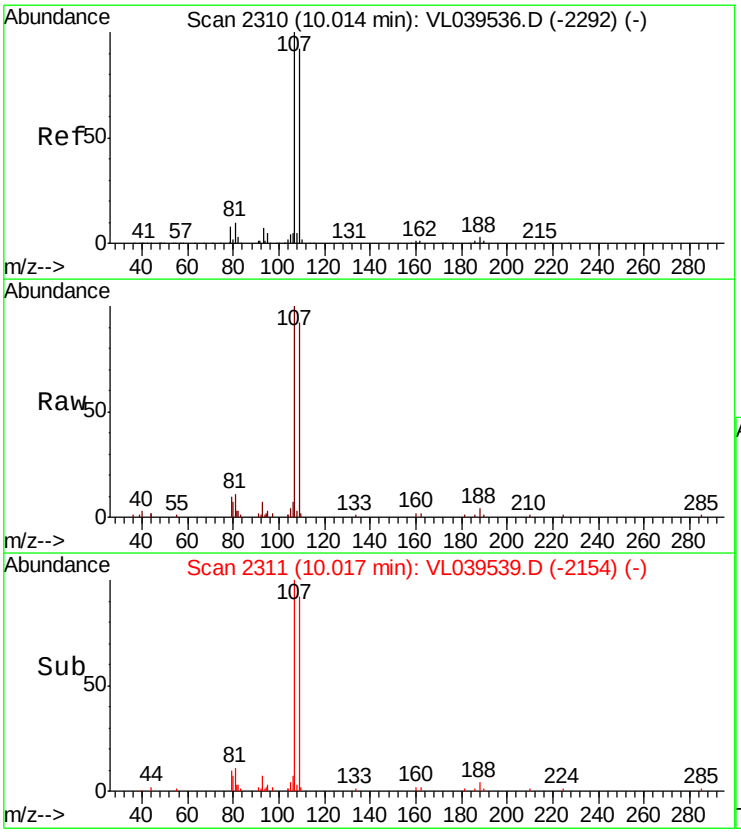
#53
Toluene
Concen: 0.399 ppbv
RT: 9.22
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 102388

Ion	Ratio	Lower	Upper
91	100		
92	60.6	47.9	71.9

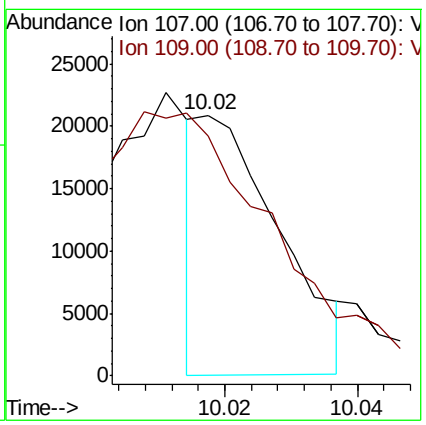


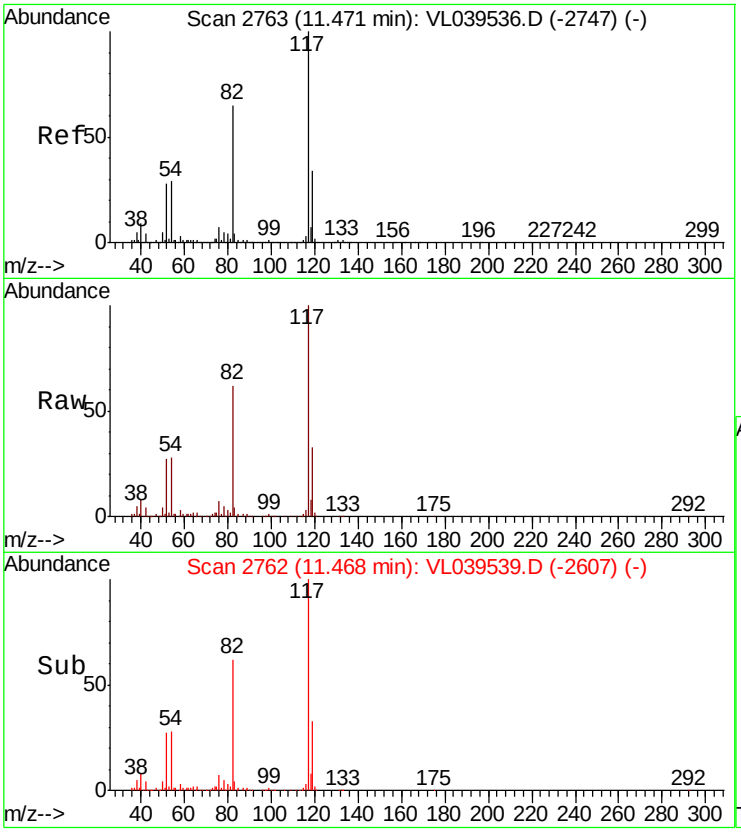


#54
1,2-Dibromoethane
Concen: 0.153 ppbv
RT: 10.02 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:107 Resp: 17501

Ion	Ratio	Lower	Upper
107	100		
109	97.6	73.4	110.2



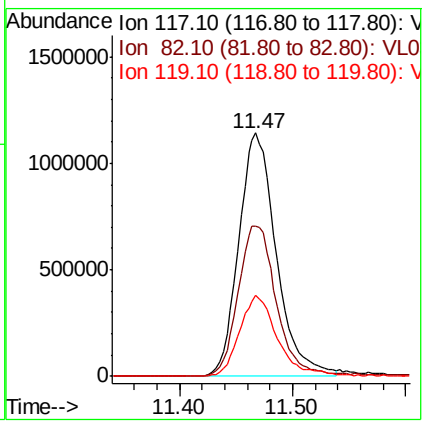


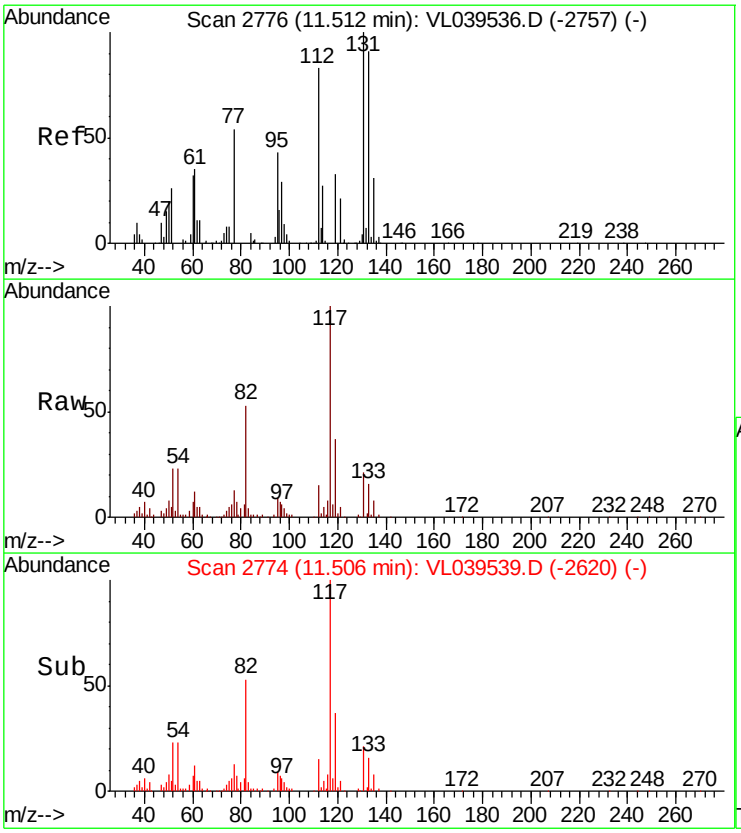
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.47
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 2640756

Ion	Ratio	Lower	Upper
117	100		
82	64.8	49.1	73.7
119	34.0	25.9	38.9

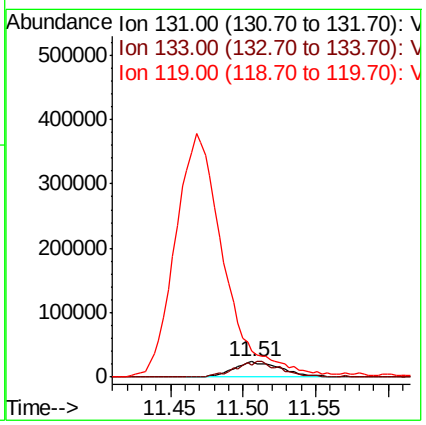


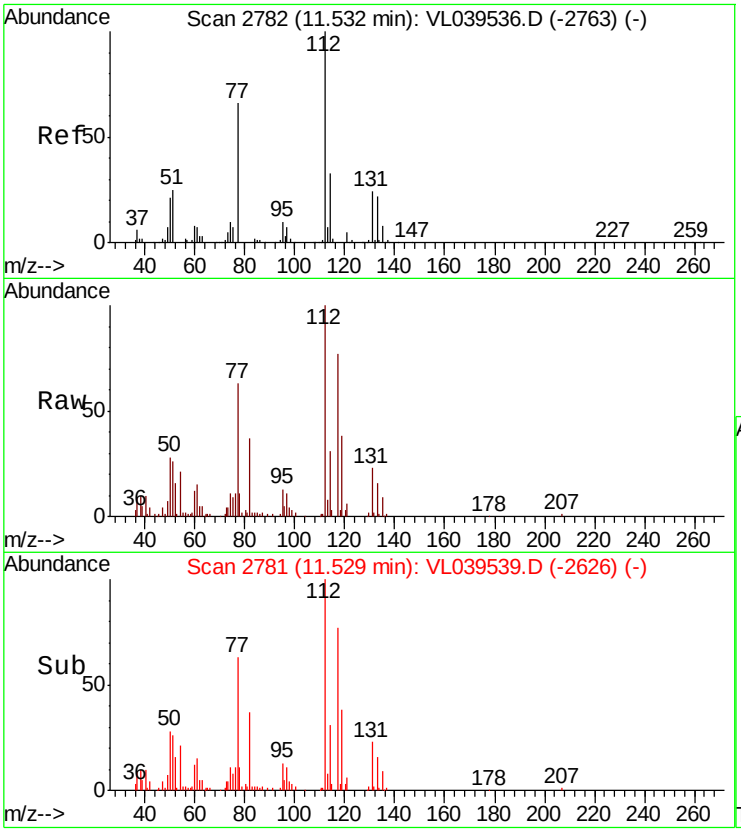


#56
1,1,1,2-Tetrachloroethane
Concen: 0.478 ppbv
RT: 11.51 min Scan# 2774
Delta R.T. -0.01 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:131 Resp: 54572

Ion	Ratio	Lower	Upper
131	100		
133	98.9	75.4	113.2
119	1647.4	47.4	71.2#



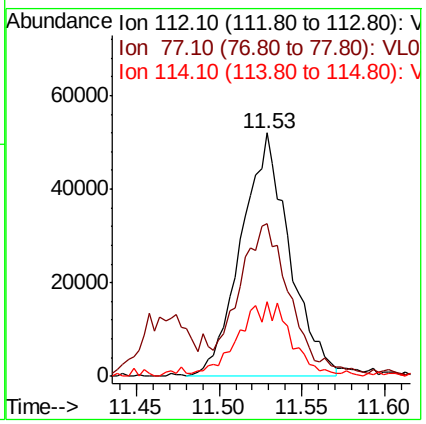


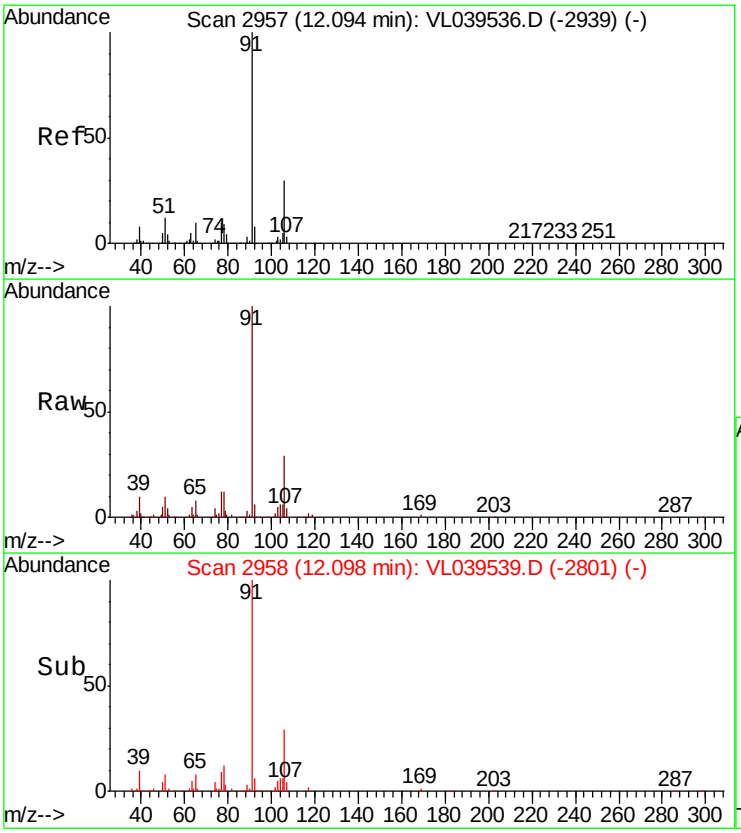
#57
Chlorobenzene
Concen: 0.519 ppbv
RT: 11.53
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:112 Resp: 104406

Ion	Ratio	Lower	Upper
112	100		
77	58.8	53.4	80.0
114	29.5	29.5	36.1#

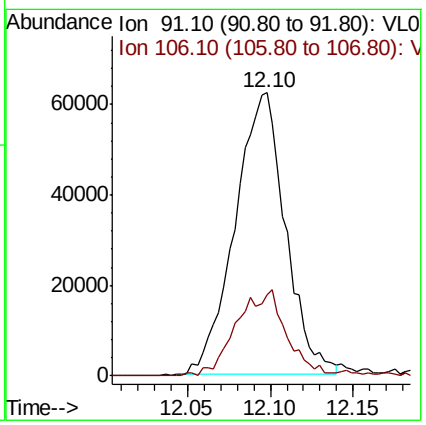


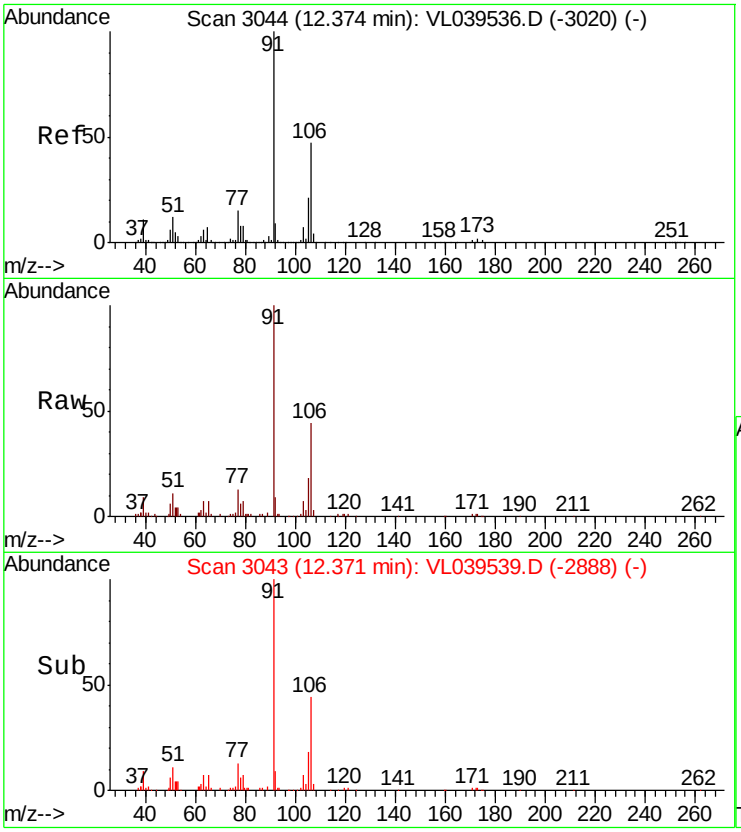


#58
Ethyl Benzene
Concen: 0.392 ppbv
RT: 12.10 min Scan# 2958
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 91 Resp: 130879

Ion	Ratio	Lower	Upper
91	100		
106	28.0	24.2	36.4



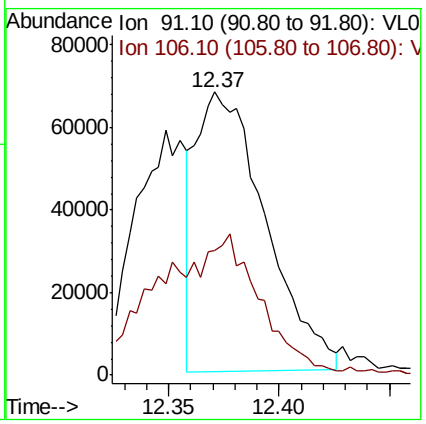


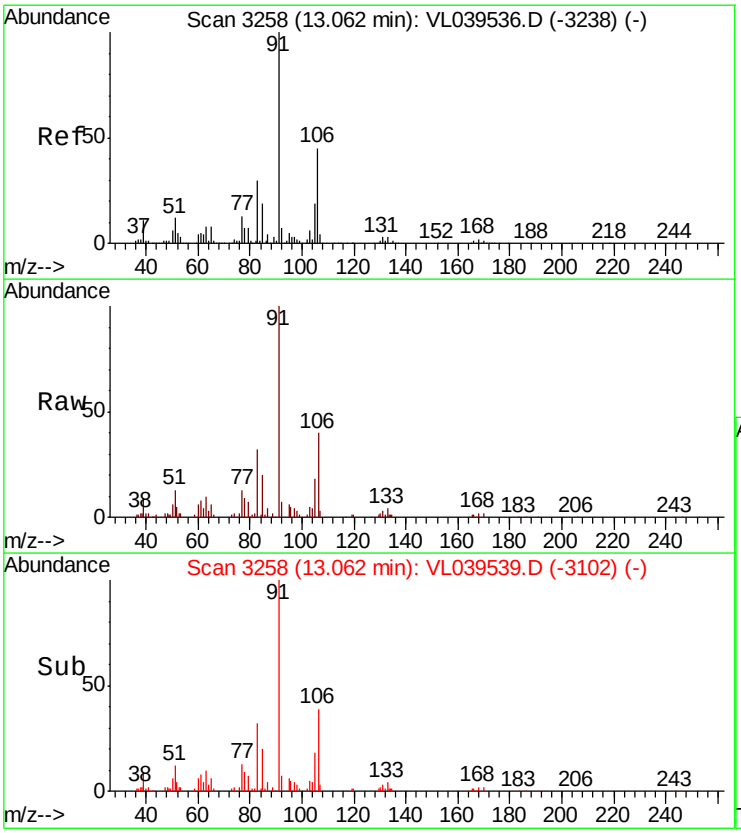
#59
m/p-Xylene
Concen: 0.502 ppbv
RT: 12.37
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 147578

Ion	Ratio	Lower	Upper
91	100		
106	76.8	0.0	0.0#

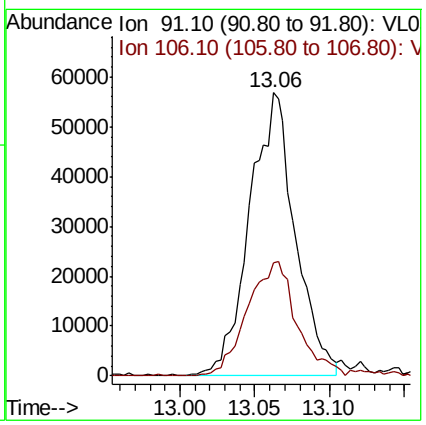


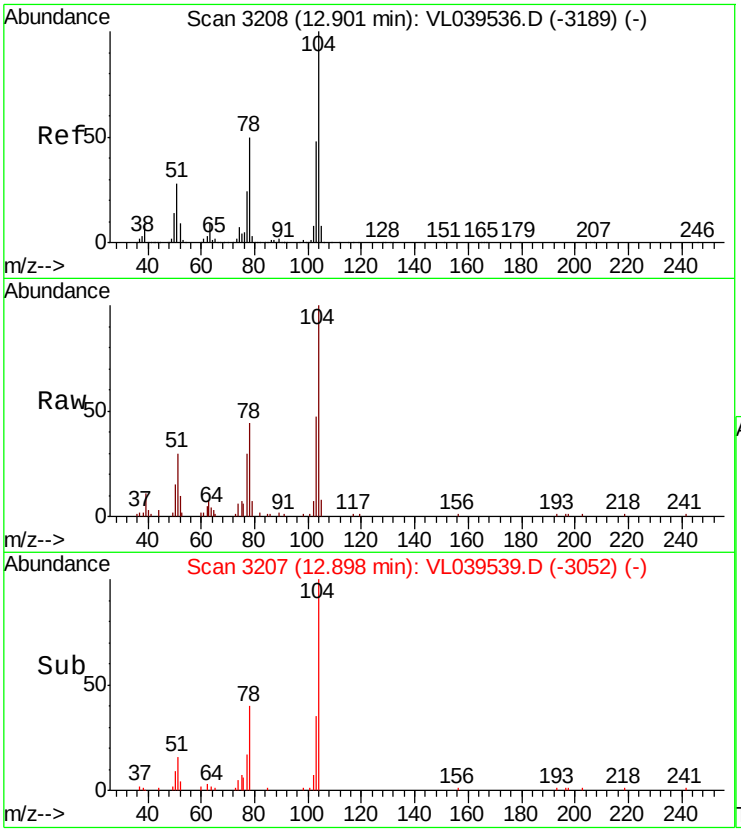


#60
o-Xylene
Concen: 0.432 ppbv
RT: 13.06 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 91 Resp: 120479

Ion	Ratio	Lower	Upper
91	100		
106	45.0	22.7	68.0



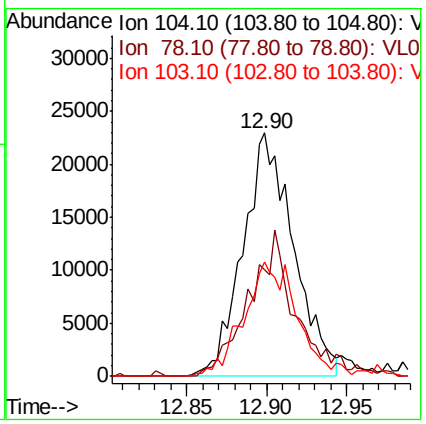


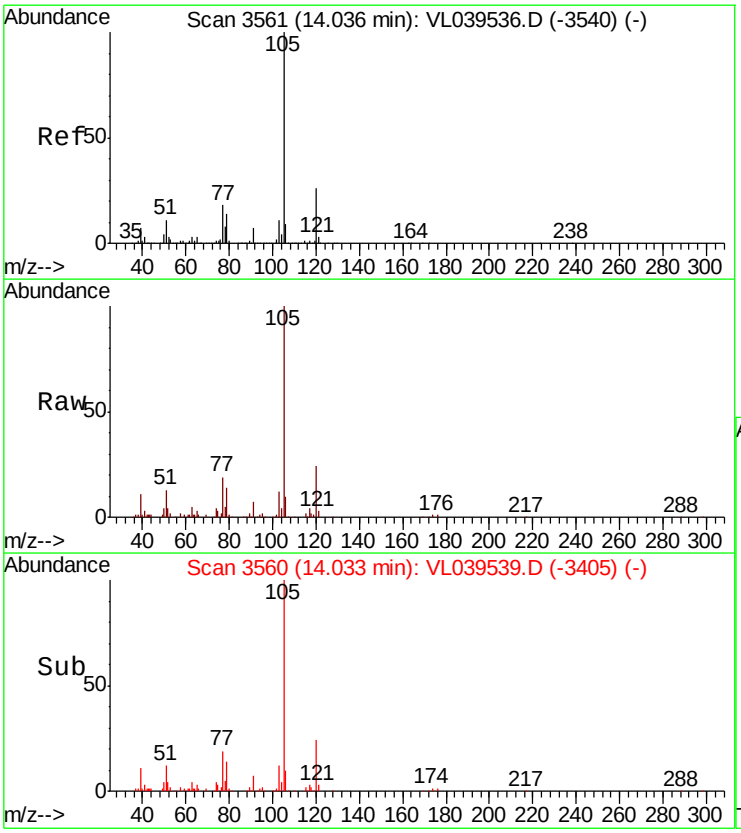
#61
Stvrene
Concen: 0.332 ppbv
RT: 12.90
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:104 Resp: 49986

Ion	Ratio	Lower	Upper
104	100		
78	56.3	40.0	60.0
103	51.0	38.2	57.2

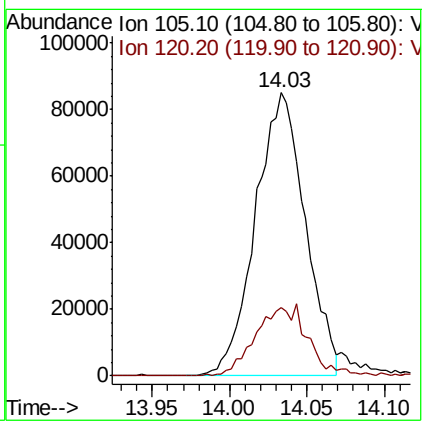


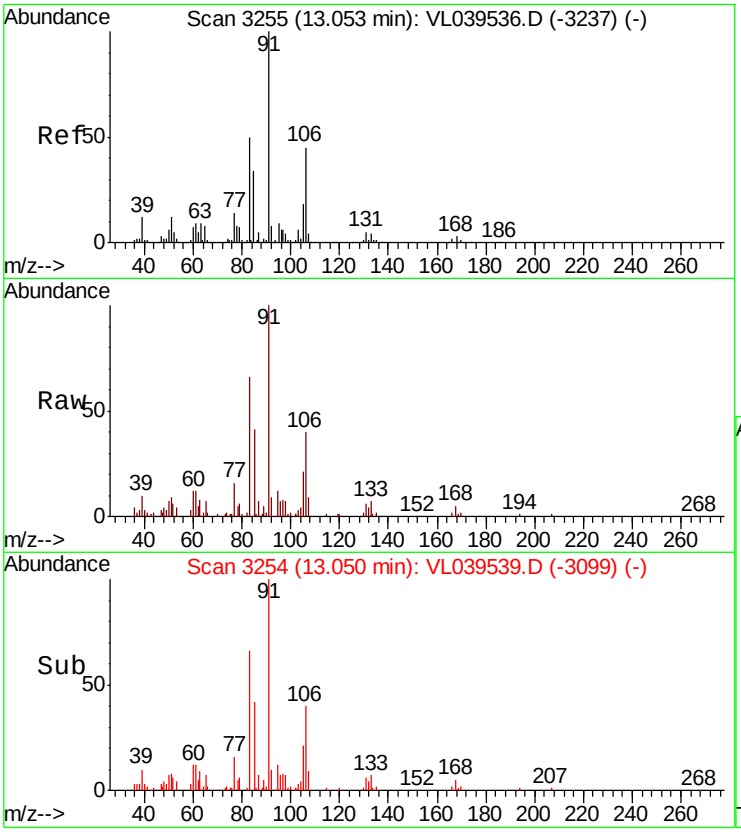


#62
Isopropylbenzene
Concen: 0.449 ppbv
RT: 14.03 min Scan# 3560
Delta R.T. -0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:105 Resp: 190355

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.6	30.8



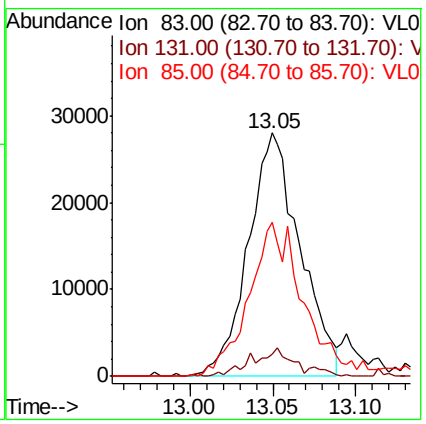


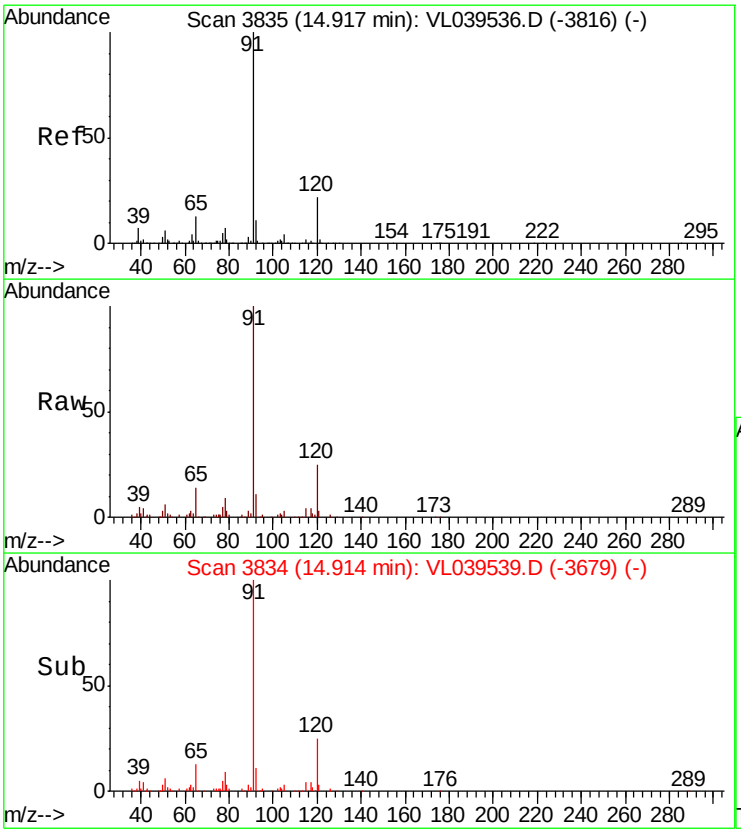
#63
1,1,2,2-Tetrachloroethane
Concen: 0.420 ppbv
RT: 13.05
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 60965

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	68.4	33.2	99.6

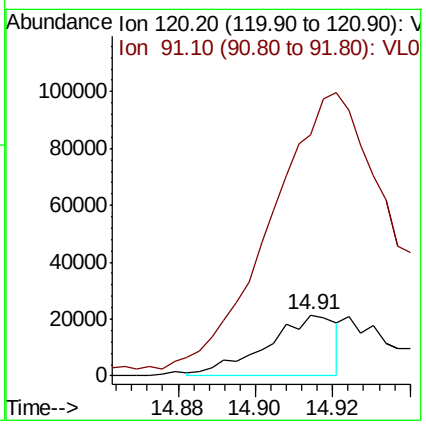


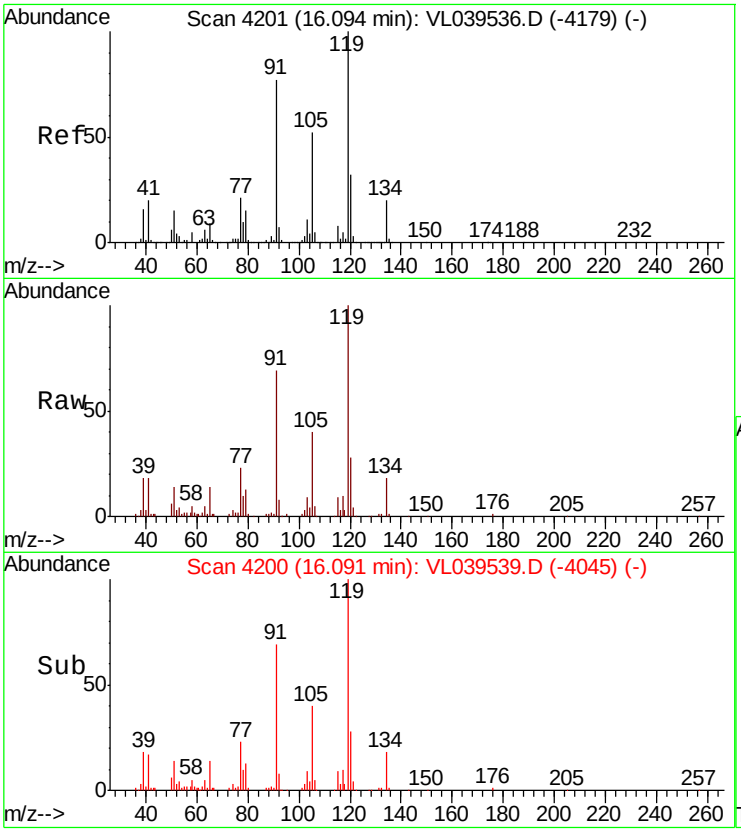


#64
n-propylbenzene
Concen: 0.249 ppbv
RT: 14.91 min Scan# 3834
Delta R.T. -0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:120 Resp: 26691

Ion	Ratio	Lower	Upper
120	100		
91	0.0	372.6	559.0#



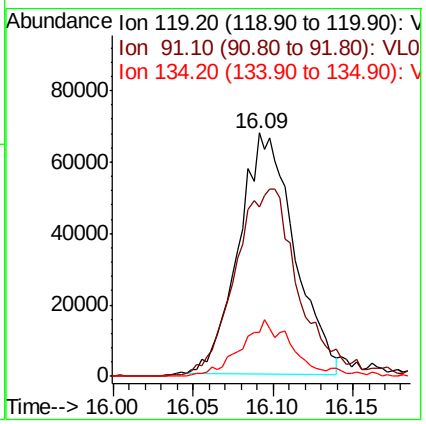


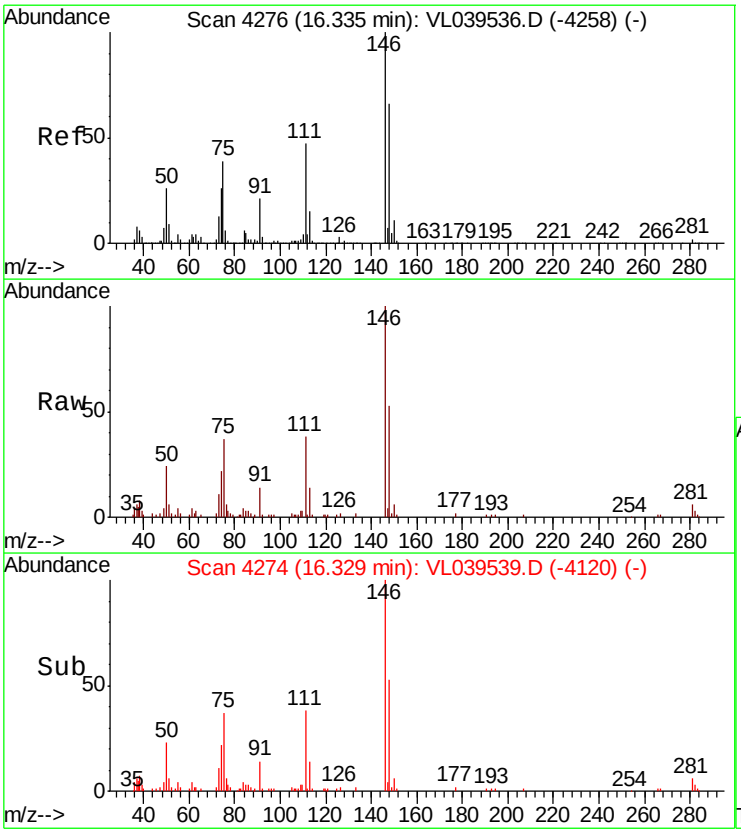
#65
tert-Butylbenzene
Concen: 0.413 ppbv
RT: 16.09
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 160953

Ion	Ratio	Lower	Upper
119	100		
91	92.1	63.8	95.8
134	22.1	15.4	23.2

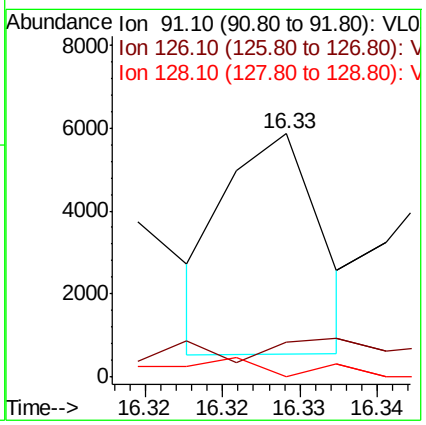


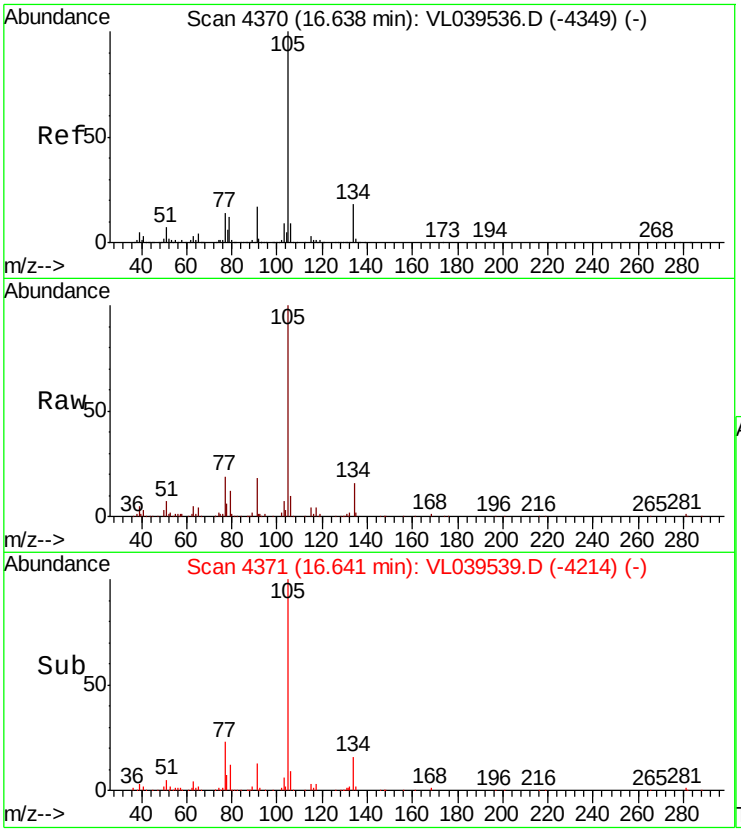


#66
Benzyl Chloride
Concen: 0.064 ppbv
RT: 16.33 min Scan# 4274
Delta R.T. -0.01 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 91 Resp: 2267

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



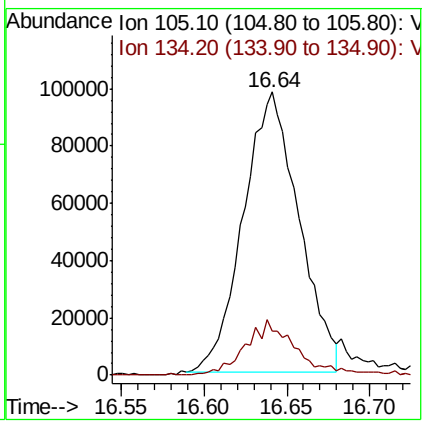


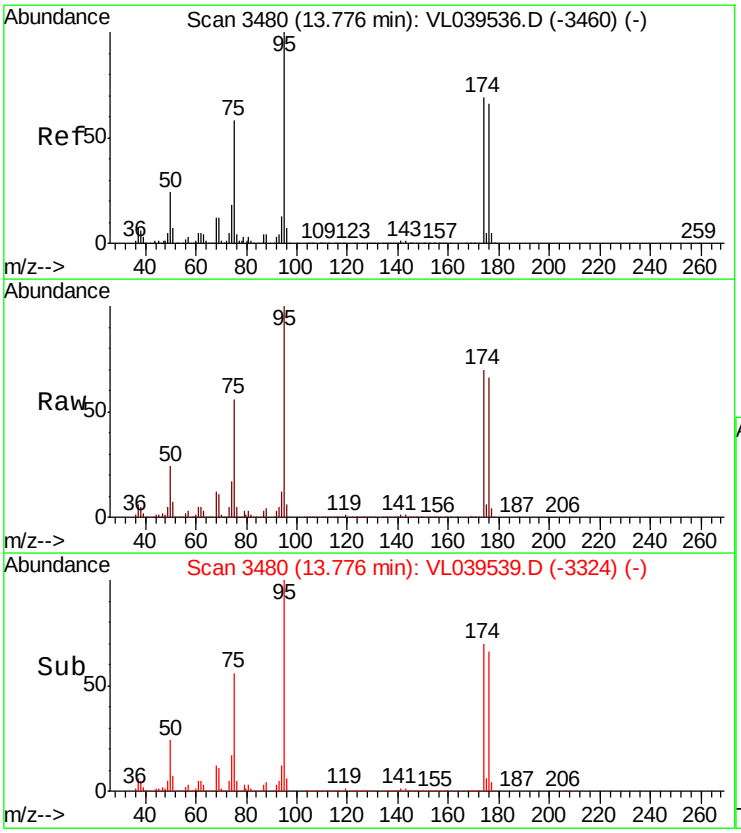
#67
sec-Butylbenzene
Concen: 0.434 ppbv
RT: 16.64
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 228498

Ion	Ratio	Lower	Upper
105	100		
134	18.0	14.3	21.5

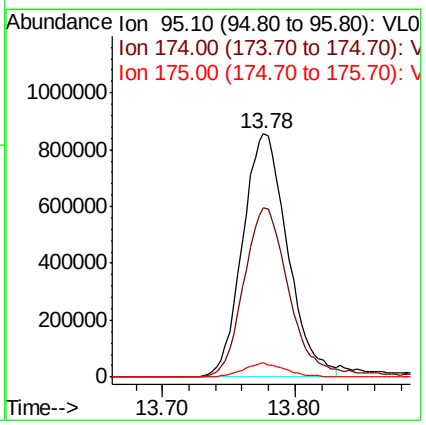


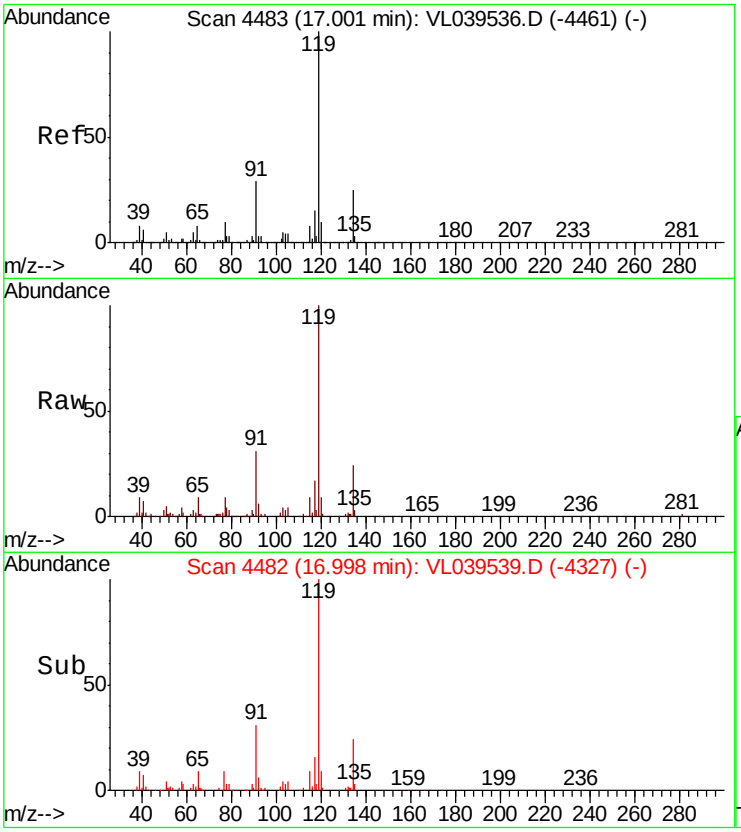


#68
1-Bromo-4-Fluorobenzene
Concen: 10.296 ppbv
RT: 13.78 min Scan# 3480
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 95 Resp: 2018832

Ion	Ratio	Lower	Upper
95	100		
174	72.3	56.3	84.5
175	5.5	4.3	6.5



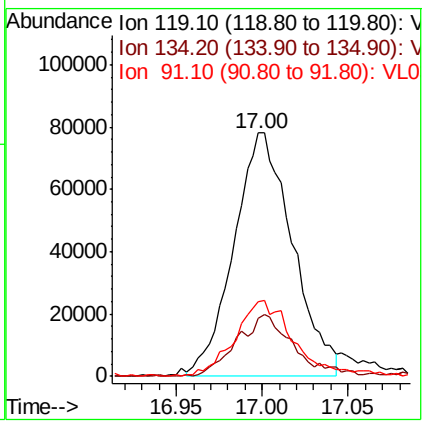


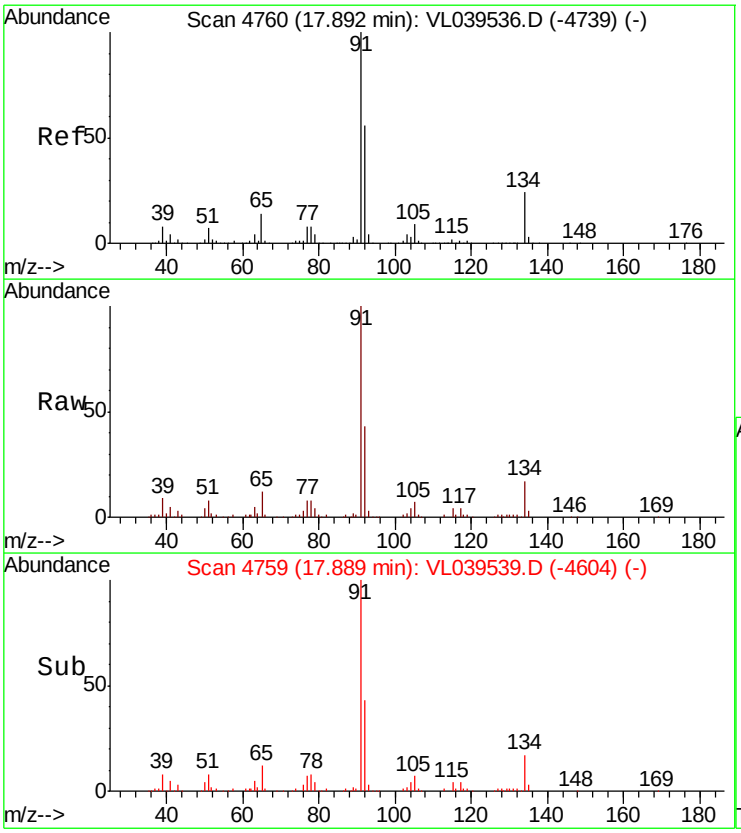
#69
p-Isopropyltoluene
Concen: 0.415 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 184601

Ion	Ratio	Lower	Upper
119	100		
134	25.1	19.8	29.6
91	31.8	22.6	33.8

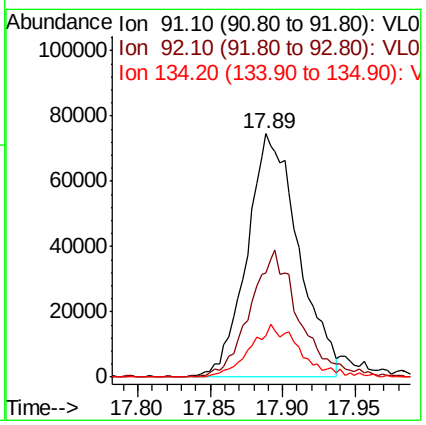


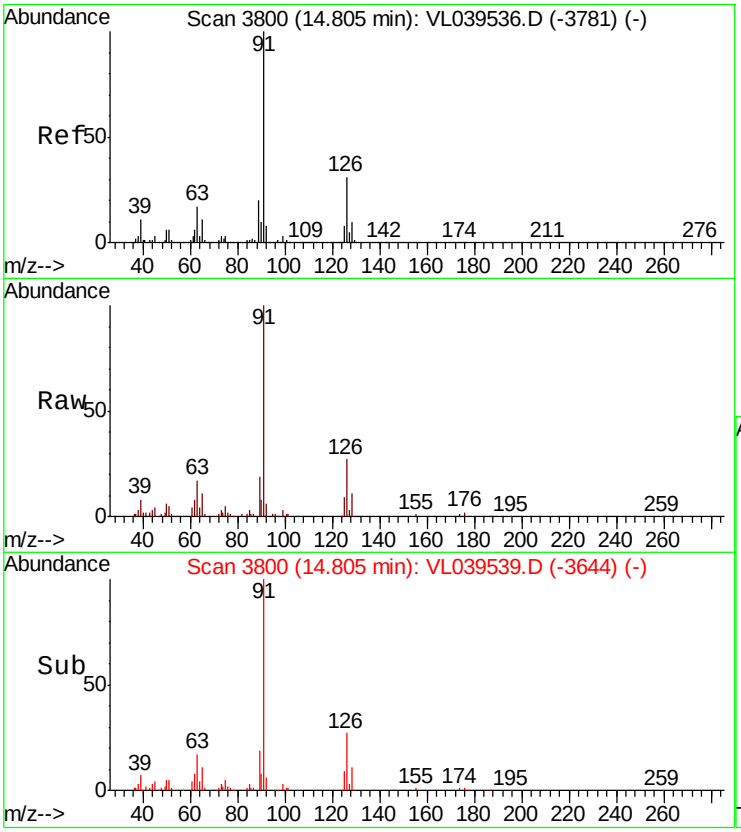


#70
n-Butylbenzene
Concen: 0.424 ppbv
RT: 17.89 min Scan# 4759
Delta R.T. -0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion: 91 Resp: 183653

Ion	Ratio	Lower	Upper
91	100		
92	50.4	43.0	64.6
134	21.4	18.1	27.1



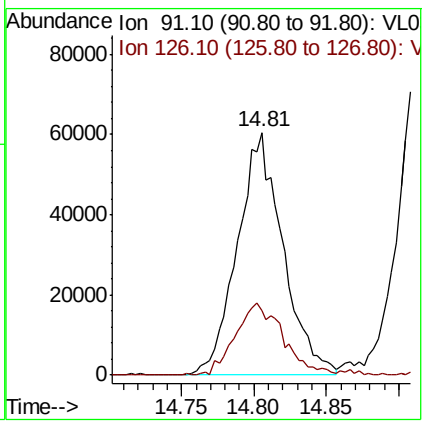


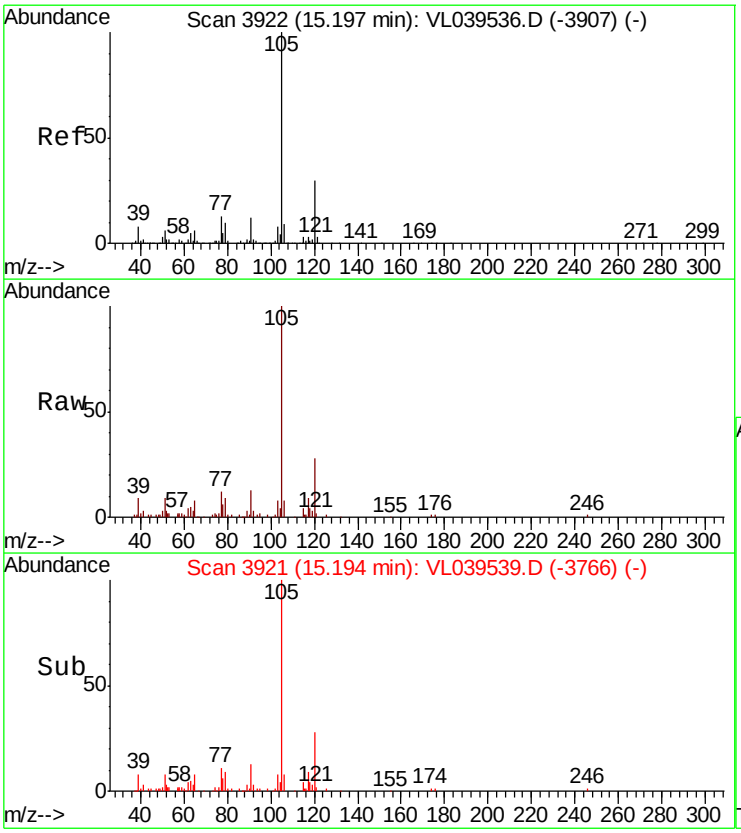
#71
2-Chlorotoluene
Concen: 0.435 ppbv
RT: 14.81
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 132190

Ion	Ratio	Lower	Upper
91	100		
126	32.1	12.9	51.5

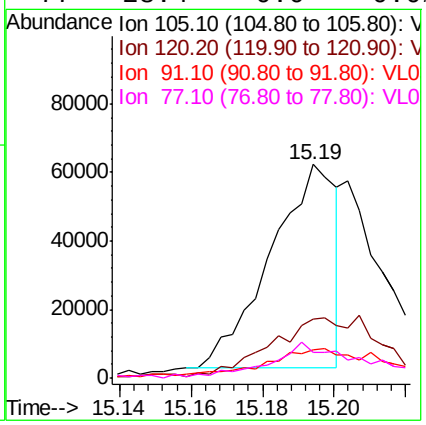


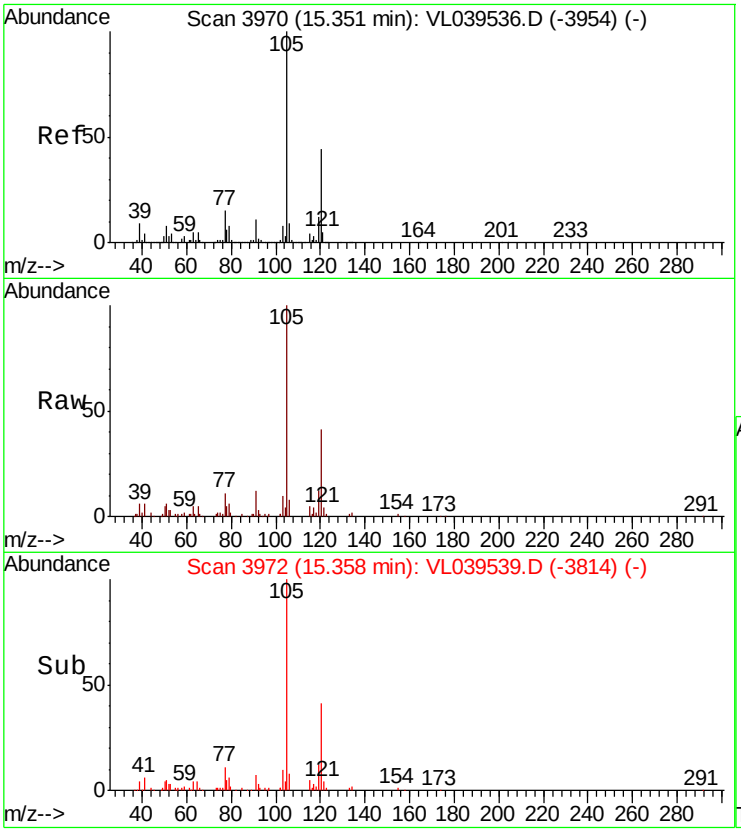


#72
4-Ethyltoluene
Concen: 0.231 ppbv
RT: 15.19 min Scan# 3921
Delta R.T. -0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:105 Resp: 75932

Ion	Ratio	Lower	Upper
105	100		
120	0.0	0.0	0.0
91	27.7	0.0	0.0#
77	28.4	0.0	0.0#



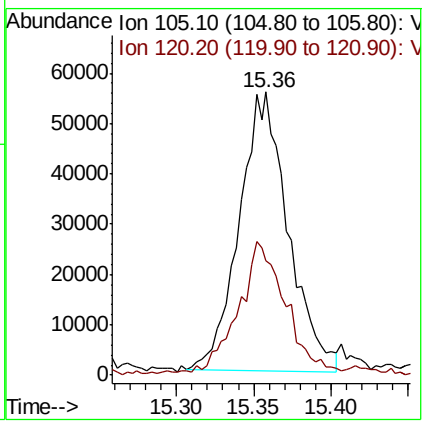


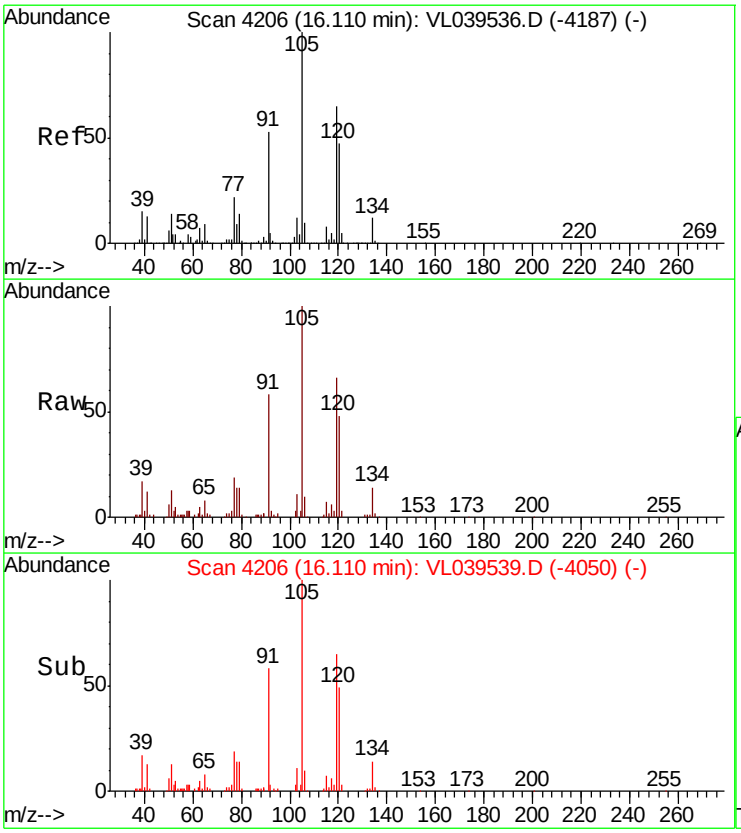
#73
1,3,5-Trimethylbenzene
Concen: 0.405 ppbv
RT: 15.36
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 121710

Ion	Ratio	Lower	Upper
105	100		
120	39.7	35.4	53.2

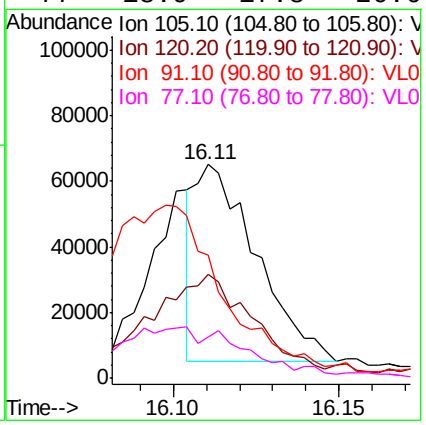


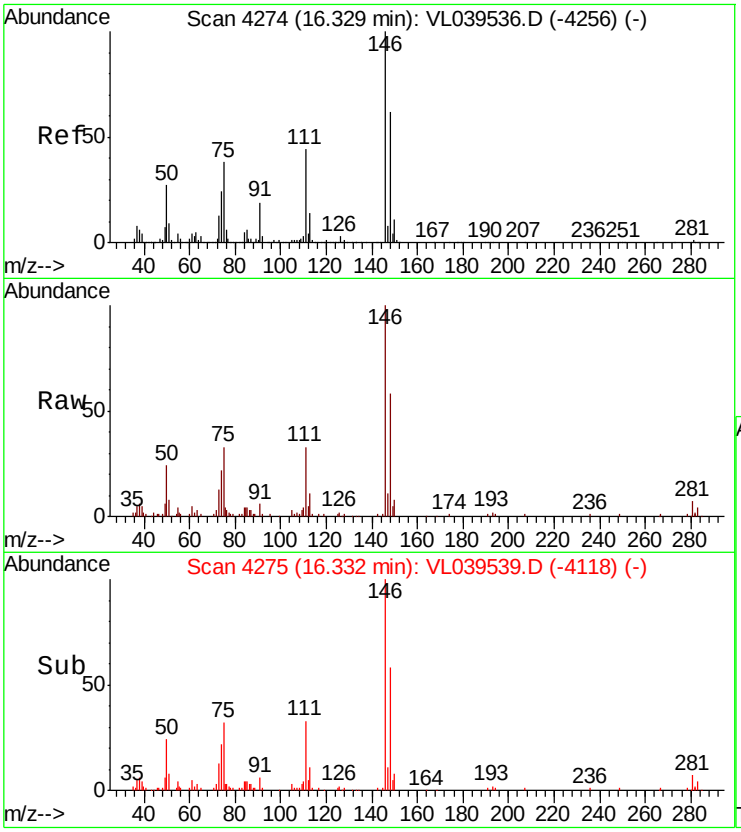


#74
1,2,4-Trimethylbenzene
Concen: 0.231 ppbv
RT: 16.11 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:105 Resp: 76592

Ion	Ratio	Lower	Upper
105	100		
120	45.6	37.8	56.8
91	55.6	43.8	65.6
77	18.9	17.8	26.6



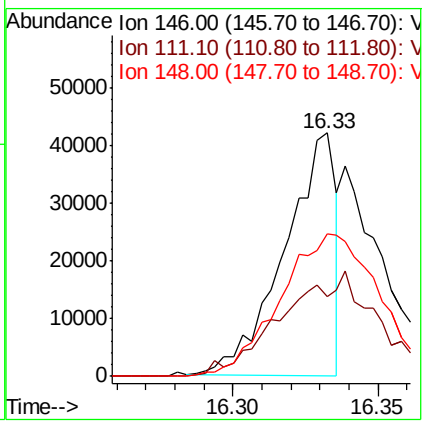


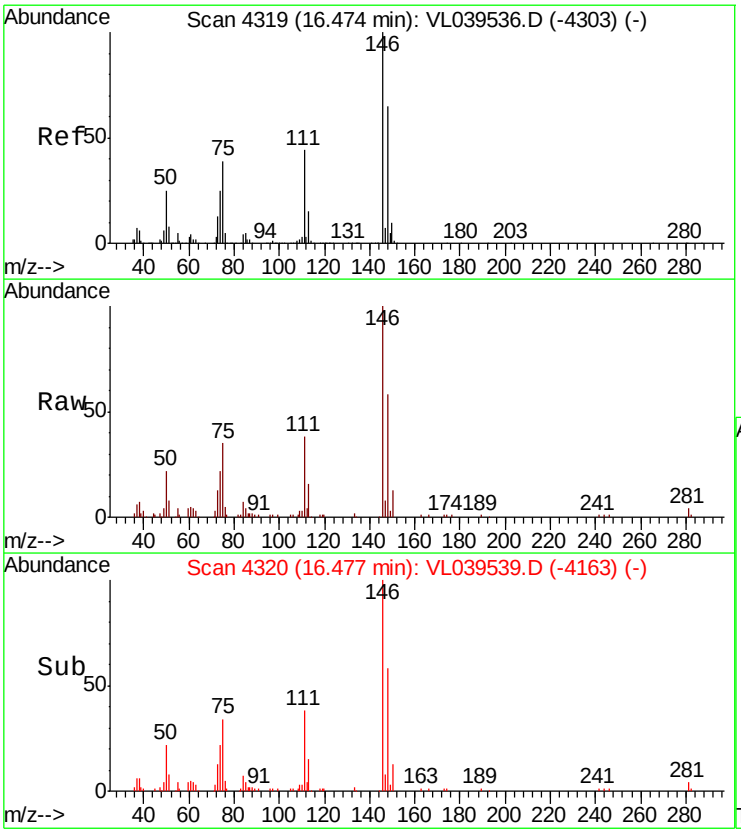
#75
1,3-Dichlorobenzene
Concen: 0.262 ppbv
RT: 16.33
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 51807

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.5#
148	124.8	32.4	97.0#

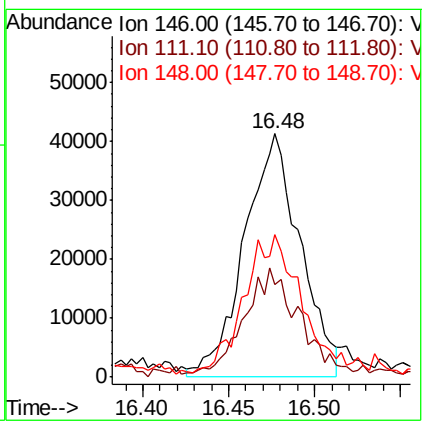


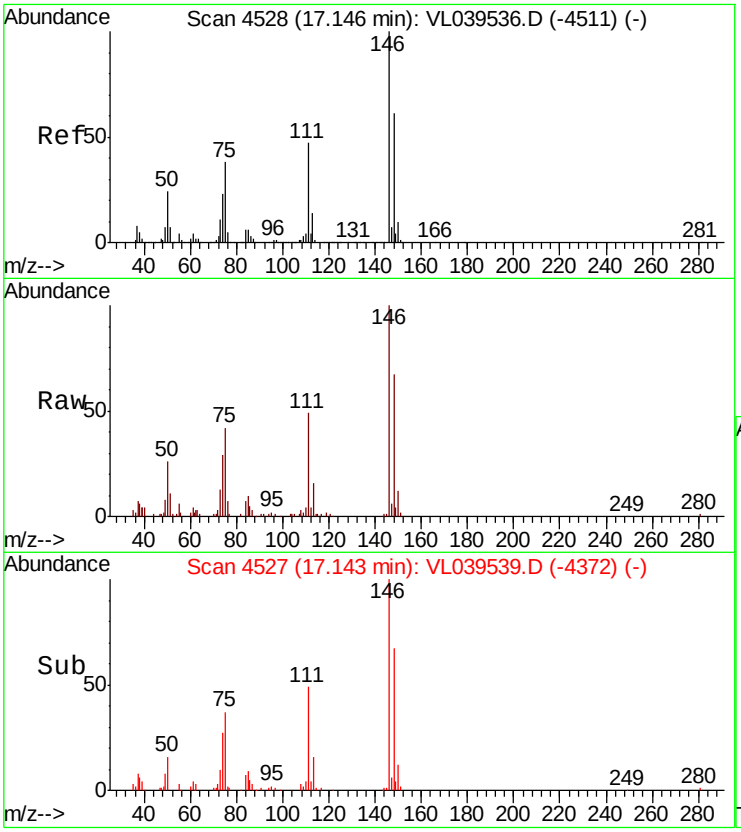


#76
1,4-Dichlorobenzene
Concen: 0.468 ppbv
RT: 16.48 min Scan# 4320
Delta R.T. 0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:146 Resp: 92623

Ion	Ratio	Lower	Upper
146	100		
111	49.3	22.3	66.8
148	69.1	31.5	94.5



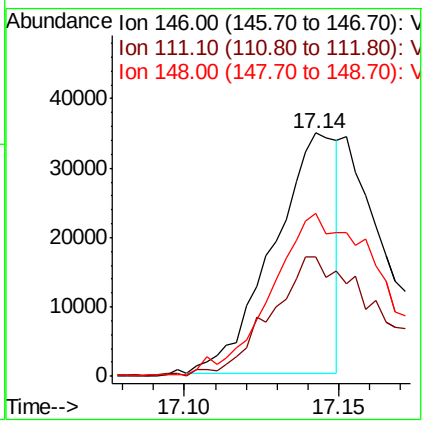


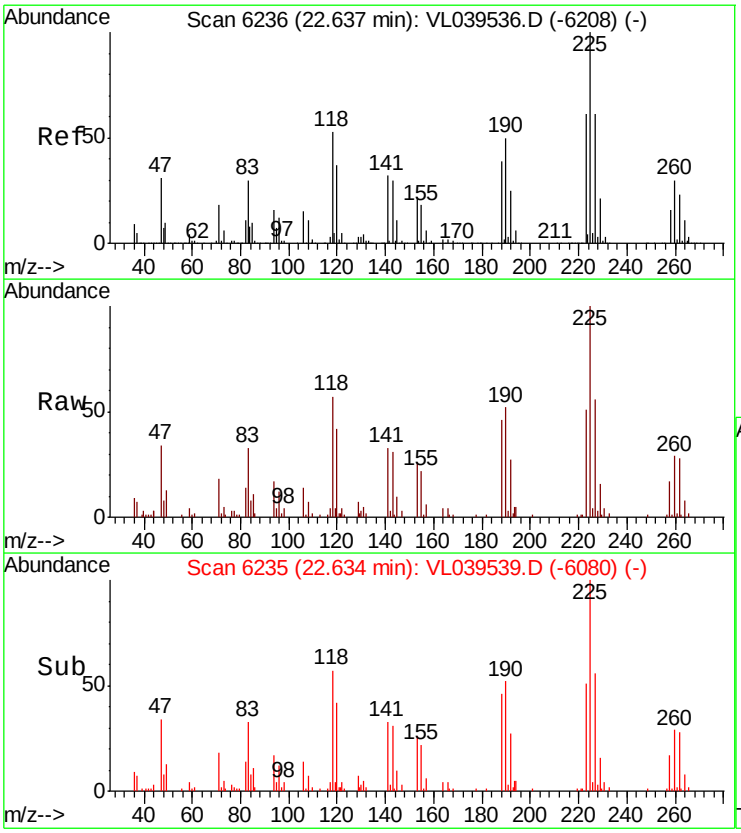
#77
1,2-Dichlorobenzene
Concen: 0.254 ppbv
RT: 17.14
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 49533

Ion	Ratio	Lower	Upper
146	100		
111	90.7	23.9	71.8#
148	125.9	32.6	97.7#

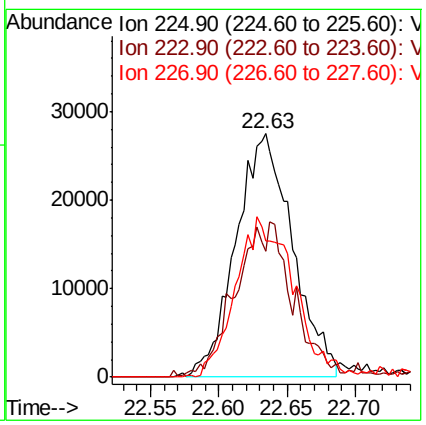


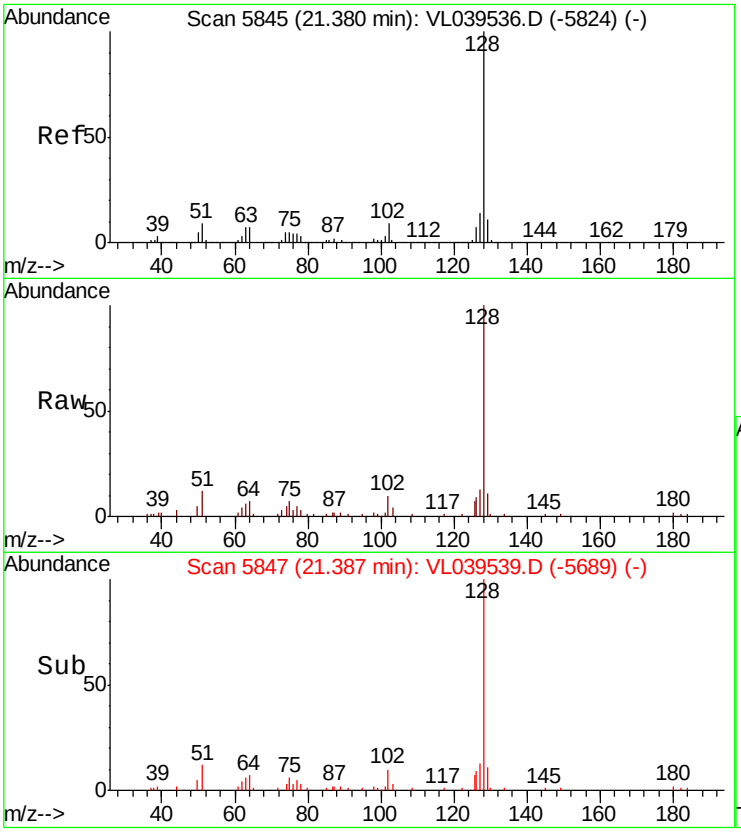


#78
Hexachloro-1,3-Butadiene
Concen: 0.502 ppbv
RT: 22.63 min Scan# 6235
Delta R.T. -0.00 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:225 Resp: 79390

Ion	Ratio	Lower	Upper
225	100		
223	64.4	0.0	0.0#
227	66.8	0.0	0.0#



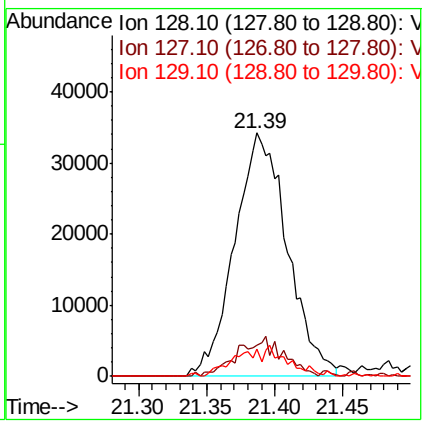


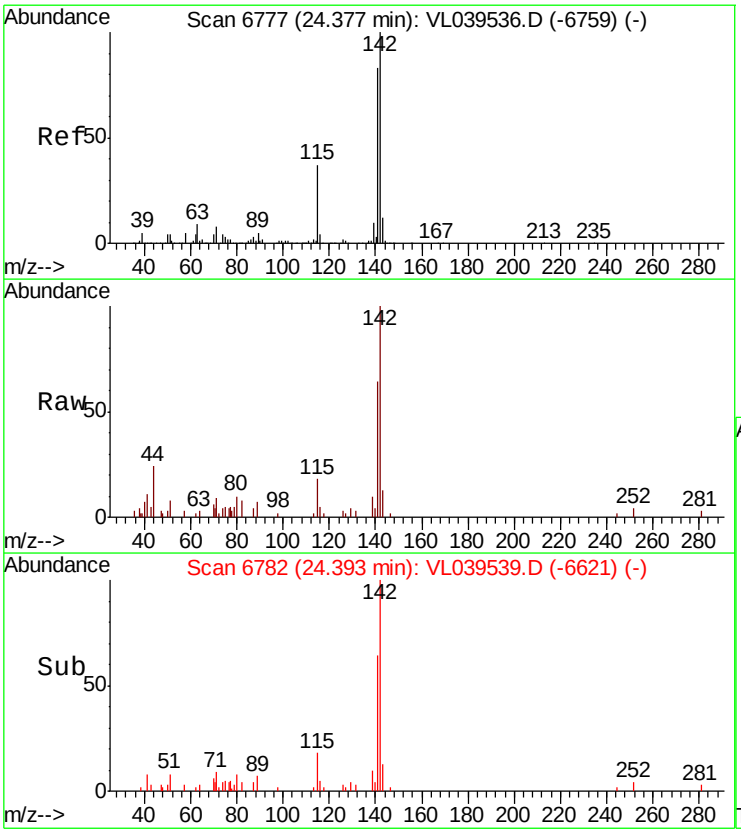
#79
Naphthalene
Concen: 0.398 ppbv
RT: 21.39
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:128 Resp: 91590

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	11.3	9.1	13.7

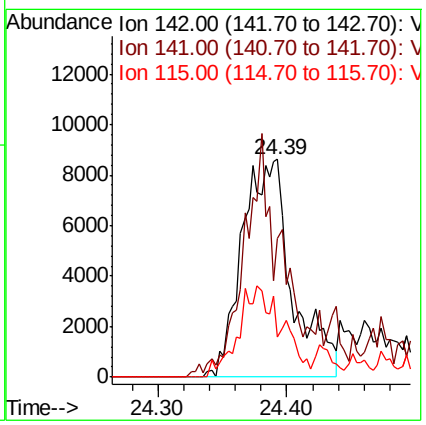


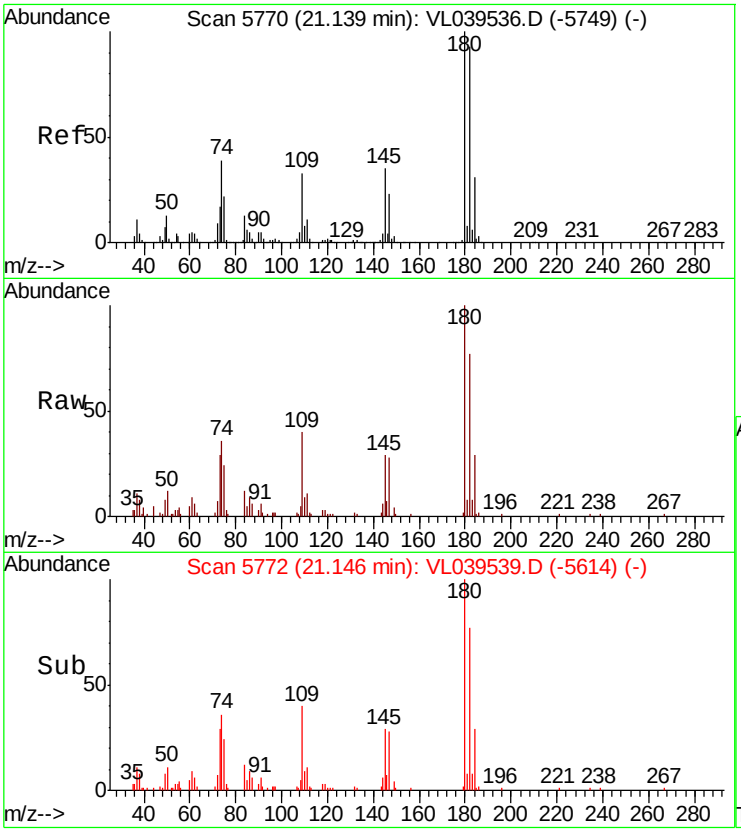


#80
Naphthalene,2-methyl-
Concen: 0.282 ppbv
RT: 24.39 min Scan# 6782
Delta R.T. 0.02 min
Lab File: VL039539.D
Acq: 17 Aug 2022 5:35

Tgt Ion:142 Resp: 23213

Ion	Ratio	Lower	Upper
142	100		
141	97.5	0.0	0.0#
115	36.3	0.0	0.0#





#81
1,2,4-Trichlorobenzene
Concen: 0.457 ppbv
RT: 21.15
Delta R.T
Lab File:
Acq: 17 Aug 2022 5:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:180 Resp: 68191

Ion	Ratio	Lower	Upper
180	100		
182	97.7	0.0	0.0#
184	30.6	0.0	0.0#