Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039541.D
Acq On : 17 Aug 2022 6:51
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Aug 17 07:46:17 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	1064893	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	6.66	114	2756811	10.00	ppbv		0.00
55) Chlorobenzene-d5	11.47	117	2519919	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.78	95	1901927	10.17	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.75	85	4063	0.027	ppbv		96
3) Chlorodifluoromethane	2.70	51	5487	0.041	ppbv	#	83
4) Chloromethane	2.83	50	2724	0.037	ppbv		97
5) Vinyl Chloride	2.93	62	725	0.010	ppbv	#	43
6) Bromomethane	3.14	94	455	0.015	ppbv	#	46
7) Chloroethane	3.21	64	366	0.014	ppbv		97
8) Dichlorotetrafluoroethane	2.88	85	3806	0.023	ppbv	#	70
9) Propene	2.72	41	4856	0.080	ppbv	#	55
10) Heptane	7.59	43	557	0.004	ppbv	#	1
11) Trichlorofluoromethane	3.57	101	1526	0.009	ppbv	#	26
12) 1,1,2-Trichlorotrifluoroet	4.08	101	1587	0.013	ppbv	#	13
13) Ethanol	3.26	45	205	0.058	ppbv	#	51
14) Bromoethene	3.39	108	345	0.007	ppbv	#	1
15) Acetone	3.48	43	66	0.001	ppbv	#	49
16) 1,3-Butadiene	3.00	39	844	0.013	ppbv	#	1
17) tert-Butyl alcohol	3.89	59	128	0.001	ppbv	#	39
18) 1,1-Dichloroethene	3.90	96	1169	0.021	ppbv	#	9
19) Isopropyl Alcohol	3.58	45	31	0.000	ppbv	#	100
20) Methylene Chloride	3.95	84	3897	0.079	ppbv	#	91
21) Allyl Chloride	4.01	41	665	0.008	ppbv	#	1
22) trans-1,2-Dichloroethene	4.46	96	475	0.009	ppbv	#	1
23) Vinyl Acetate	4.63	43	504	0.006	ppbv	#	53
24) 1,1-Dichloroethane	4.58	63	2203	0.019	ppbv	#	91
25) Ethyl Acetate	5.22	43	1404	0.005	ppbv	#	54
26) Hexane	5.22	57	1129	0.011	ppbv	#	1
27) Carbon Disulfide	4.14	76	1573	0.013	ppbv	#	62
28) Methyl tert-Butyl Ether	4.61	73	342	0.003	ppbv	#	1
29) Chloroform	5.28	83	2573	0.015	ppbv	#	83
30) Cyclohexane	6.60	84	236	0.003	ppbv	#	100
31) cis-1,2-Dichloroethene	5.11	61	360	0.003	ppbv		91
32) 1,1,1-Trichloroethane	6.01	97	2905	0.017	ppbv	#	62
34) 2-Butanone	4.81	43	183	0.001	ppbv	#	54
35) Carbon Tetrachloride	6.50	117	2498	0.015	ppbv	#	71
36) Benzene	6.37	78	2795	0.013	ppbv		96
37) 1,2-Dichloroethane	5.81	62	1072	0.009	ppbv	#	80
38) Trichloroethene	7.30	130	1343	0.012	ppbv	#	38
39) 1,2-Dichloropropane	6.66	63	687162	8.671	ppbv	#	24
40) 1,4-Dioxane	7.29	88	103	0.003	ppbv	#	1
41) Tetrahydrofuran	5.60	42	99	0.001	ppbv	#	1
42) Bromodichloromethane	7.26	83	1549	0.009	ppbv	#	75
43) Methyl Methacrylate	7.48	69	287	0.004	ppbv	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039541.D
Acq On : 17 Aug 2022 6:51
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Aug 17 07:46:17 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	4127	0.011 ppbv #	32
45) t-1,3-Dichloropropene	8.72	75	627	0.009 ppbv #	42
46) cis-1,3-Dichloropropene	8.15	75	935	0.010 ppbv #	42
47) 1,1,2-Trichloroethane	8.90	97	940	0.011 ppbv #	47
48) Dibromochloromethane	9.69	129	162	0.001 ppbv	72
49) Bromoform	12.40	173	521	0.005 ppbv #	100
50) 4-Methyl-2-Pentanone	8.17	43	40	0.000 ppbv #	40
51) 2-Hexanone	9.56	43	112	0.001 ppbv #	31
52) Tetrachloroethene	10.62	164	674	0.008 ppbv #	20
53) Toluene	9.12	91	135	0.001 ppbv	99
54) 1,2-Dibromoethane	10.00	107	286	0.003 ppbv	85
56) 1,1,1,2-Tetrachloroethane	11.51	131	533	0.005 ppbv #	1
57) Chlorobenzene	11.53	112	2868	0.015 ppbv #	44
58) Ethyl Benzene	12.06	91	228	0.001 ppbv	92
59) m/p-Xylene	12.37	91	1093	0.004 ppbv #	100
60) o-Xylene	13.23	91	140	0.001 ppbv	98
61) Styrene	12.90	104	34	0.000 ppbv #	1
62) Isopropylbenzene	14.03	105	1771	0.004 ppbv #	49
63) 1,1,2,2-Tetrachloroethane	13.04	83	987	0.007 ppbv #	1
64) n-propylbenzene	14.93	120	690	0.007 ppbv #	1
65) tert-Butylbenzene	16.09	119	713	0.002 ppbv #	15
66) Benzyl Chloride	16.34	91	54	0.002 ppbv #	95
67) sec-Butylbenzene	16.69	105	383	0.001 ppbv	96
69) p-Isopropyltoluene	17.00	119	1082	0.003 ppbv #	1
70) n-Butylbenzene	17.89	91	2450	0.006 ppbv #	33
71) 2-Chlorotoluene	14.79	91	1750	0.006 ppbv	76
72) 4-Ethyltoluene	15.19	105	1410	0.004 ppbv #	100
73) 1,3,5-Trimethylbenzene	15.35	105	525	0.002 ppbv #	32
74) 1,2,4-Trimethylbenzene	16.11	105	1644	0.005 ppbv #	55
75) 1,3-Dichlorobenzene	16.33	146	952	0.005 ppbv #	1
76) 1,4-Dichlorobenzene	16.48	146	1060	0.006 ppbv #	1
77) 1,2-Dichlorobenzene	17.14	146	1066	0.006 ppbv #	1
78) Hexachloro-1,3-Butadiene	22.64	225	1179	0.008 ppbv #	100
79) Naphthalene	21.38	128	366	0.002 ppbv #	1
80) Naphthalene,2-methyl-	24.33	142	98	0.001 ppbv #	100
81) 1,2,4-Trichlorobenzene	21.13	180	612	0.004 ppbv #	100

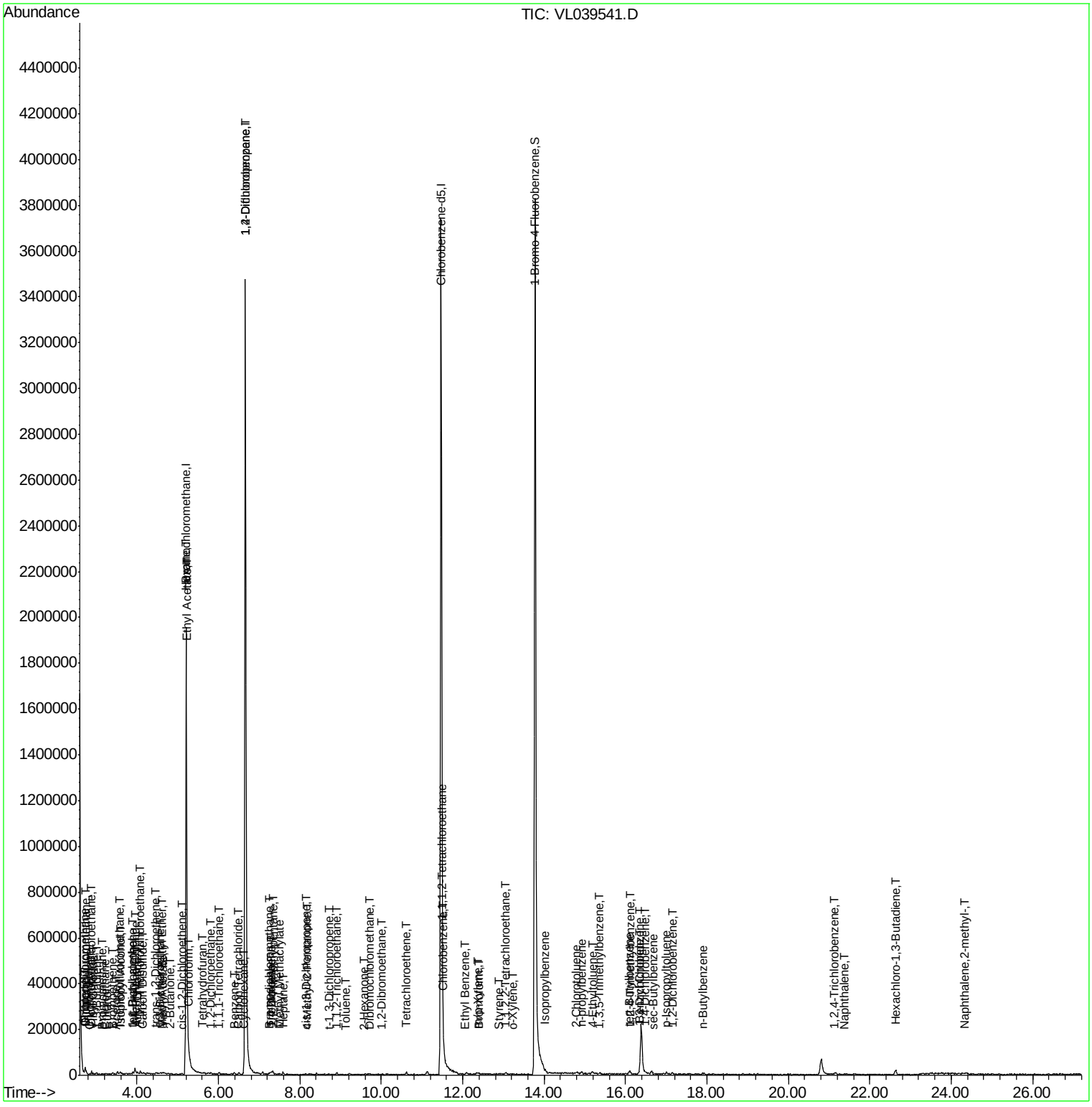
(#) = qualifier out of range (m) = manual integration (+) = signals summed

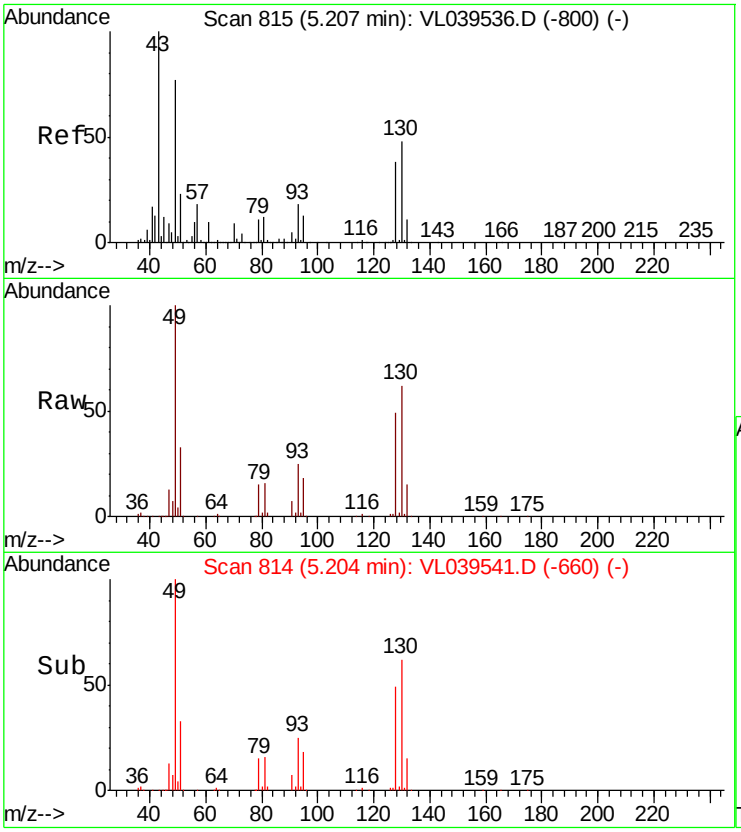
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081722\
Data File : VL039541.D
Acq On : 17 Aug 2022 6:51
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Aug 17 07:46:17 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



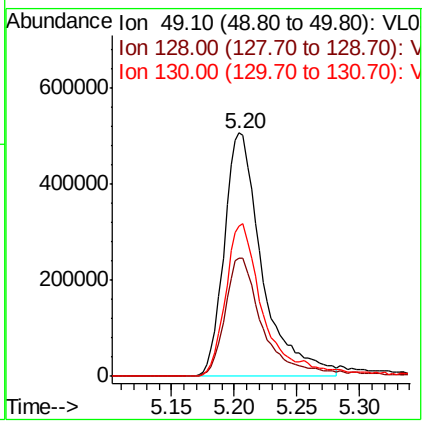


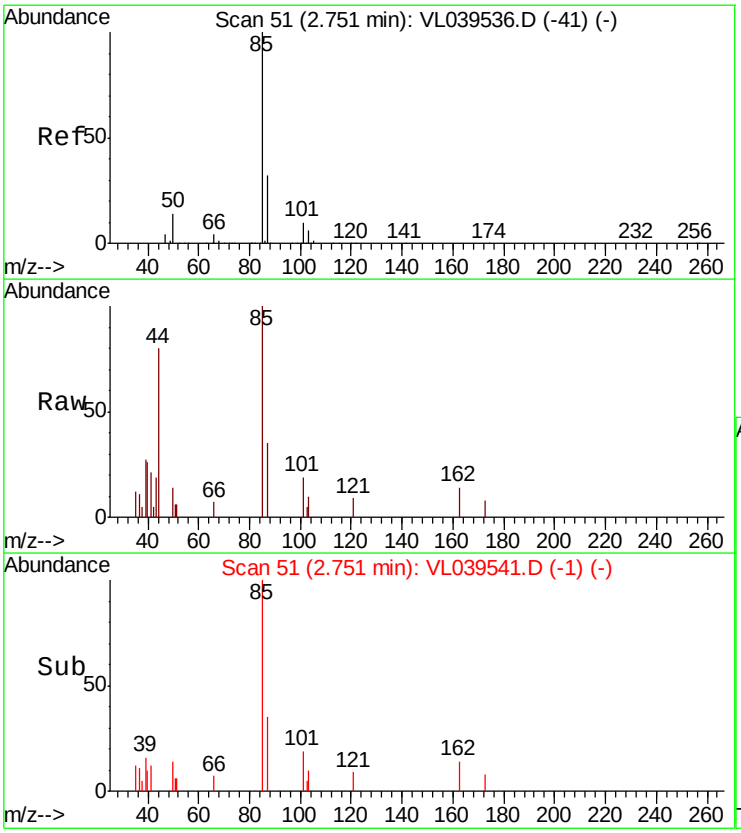
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.20
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 49 Resp: 1064893

Ion	Ratio	Lower	Upper
49	100		
128	49.9	25.7	77.0
130	64.9	31.6	95.0

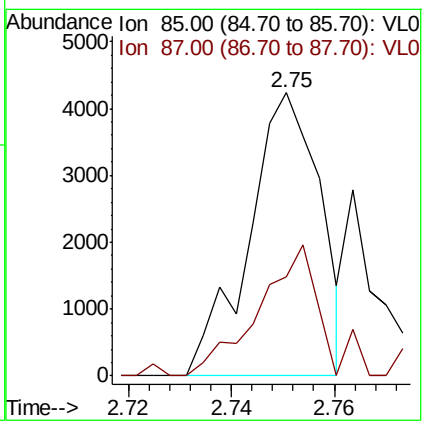


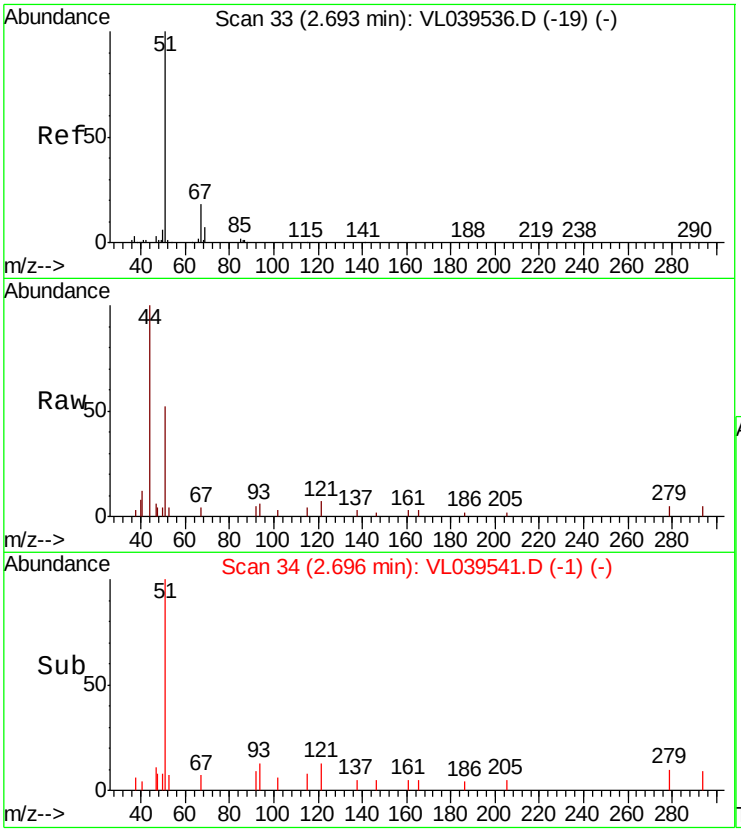


#2
Dichlorodifluoromethane
Concen: 0.027 ppbv
RT: 2.75 min Scan# 51
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 85 Resp: 4063

Ion	Ratio	Lower	Upper
85	100		
87	34.8	25.9	38.9



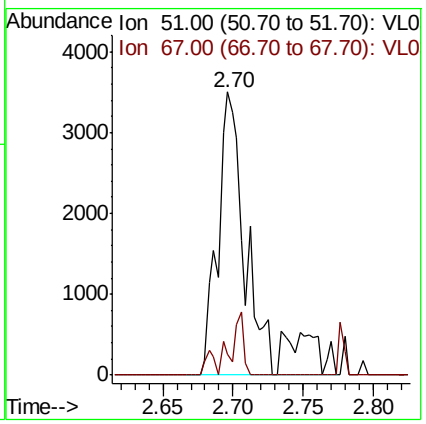


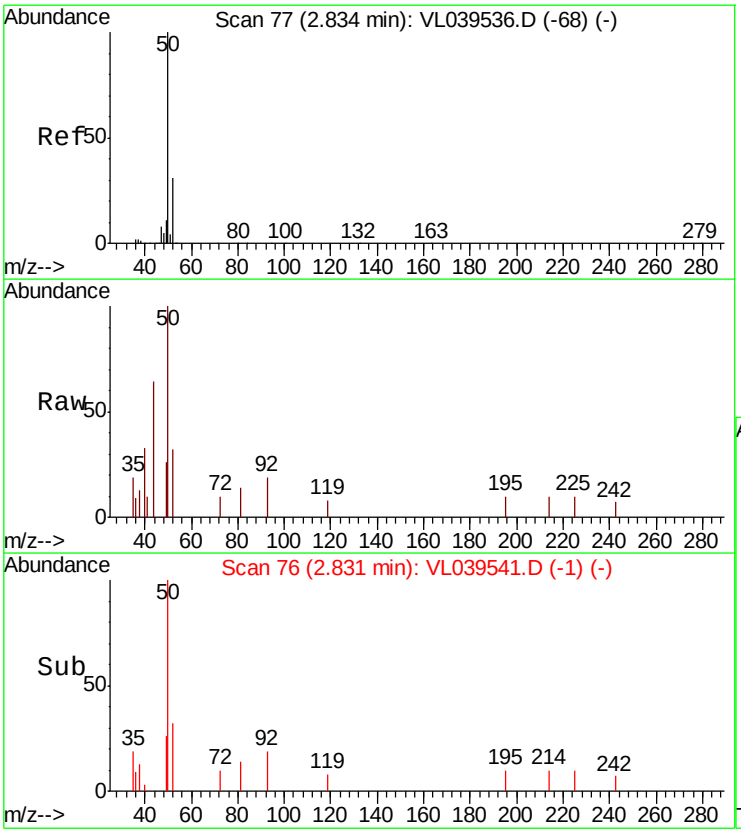
#3
Chlorodifluoromethane
Concen: 0.041 ppbv
RT: 2.70
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 51 Resp: 5487

Ion	Ratio	Lower	Upper
51	100		
67	10.9	14.7	22.1#

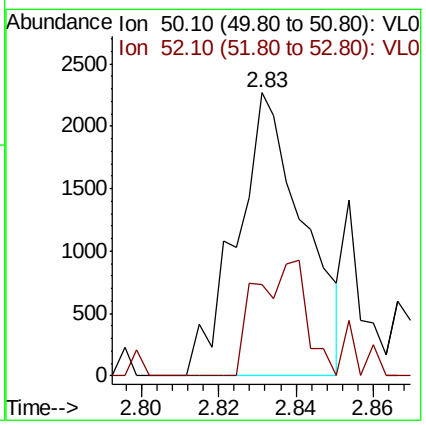


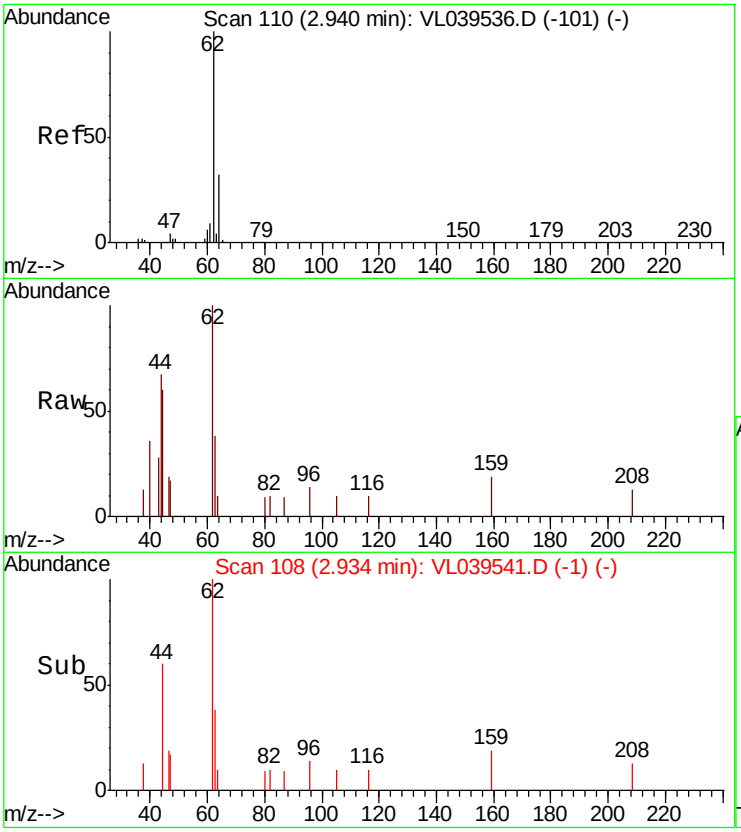


#4
Chloromethane
Concen: 0.037 ppbv
RT: 2.83 min Scan# 76
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 50 Resp: 2724

Ion	Ratio	Lower	Upper
50	100		
52	32.3	24.3	36.5



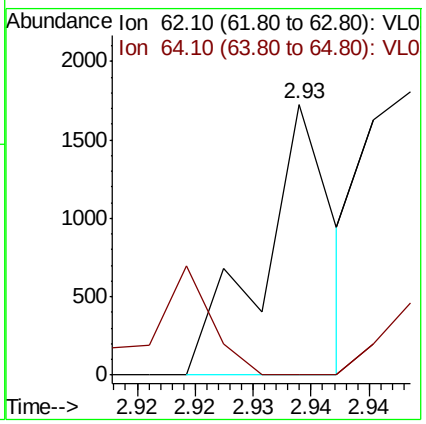


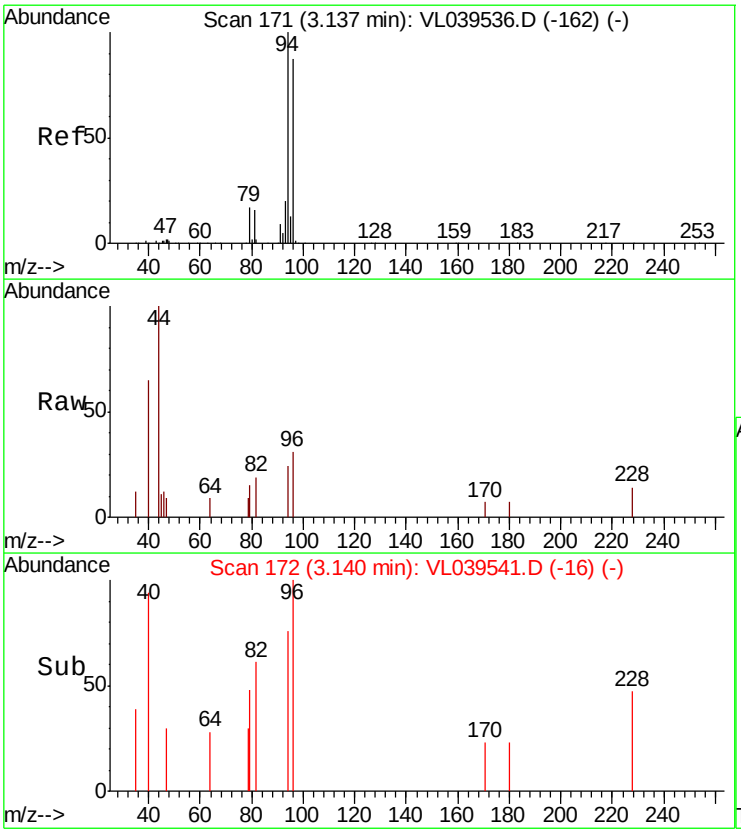
#5
Vinyl Chloride
Concen: 0.010 ppbv
RT: 2.93
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 62 Resp: 725

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.5	38.3#

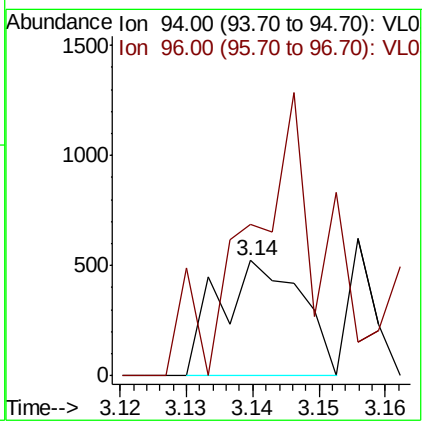


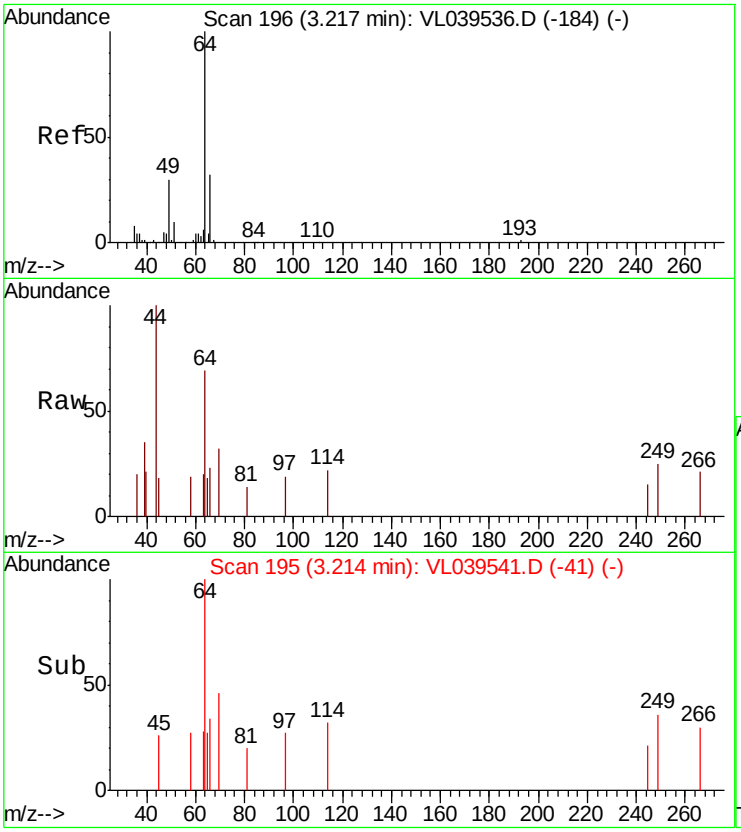


#6
Bromomethane
Concen: 0.015 ppbv
RT: 3.14 min Scan# 172
Delta R.T. 0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 94 Resp: 455

Ion	Ratio	Lower	Upper
94	100		
96	37.7	69.8	104.6#



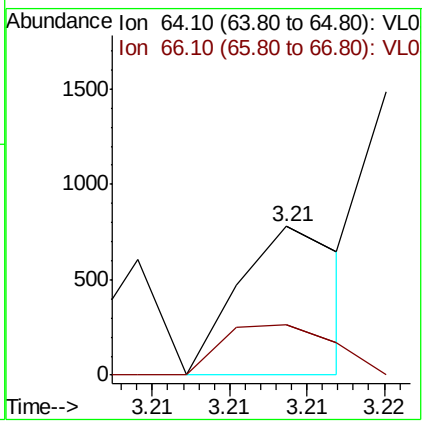


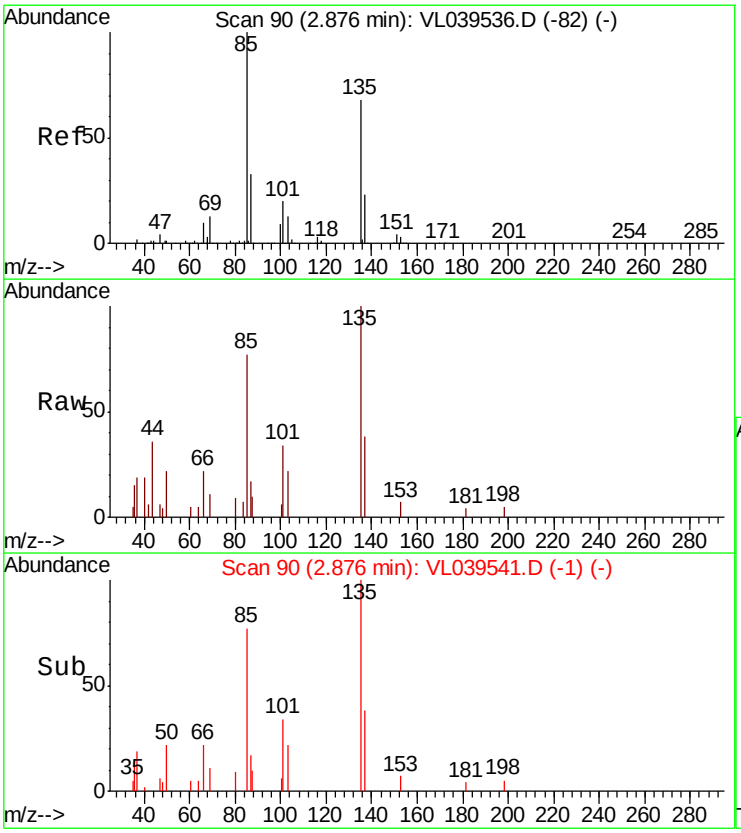
#7
Chloroethane
Concen: 0.014 ppbv
RT: 3.21
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 64 Resp: 366

Ion	Ratio	Lower	Upper
64	100		
66	33.8	25.6	38.4

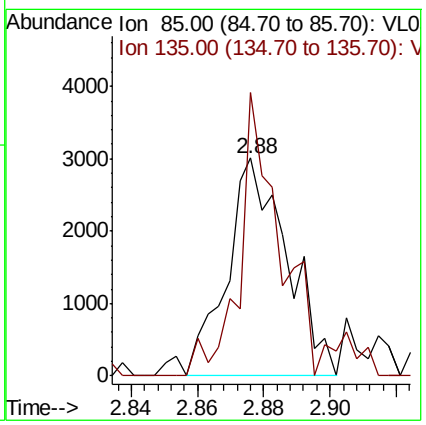


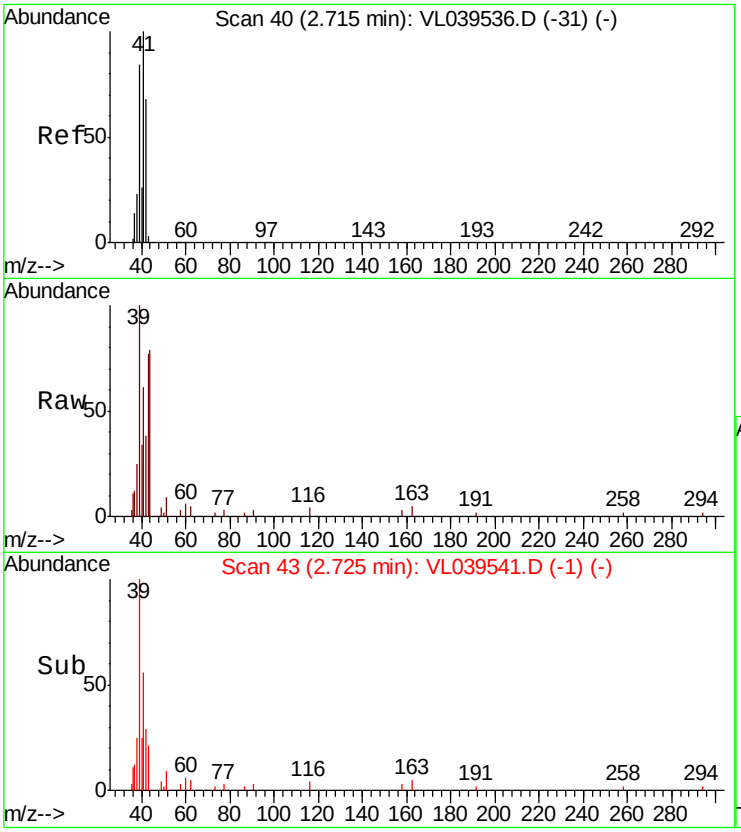


#8
Dichlorotetrafluoroethane
Concen: 0.023 ppbv
RT: 2.88 min Scan# 90
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 85 Resp: 3806

Ion	Ratio	Lower	Upper
85	100		
135	95.0	56.3	84.5#



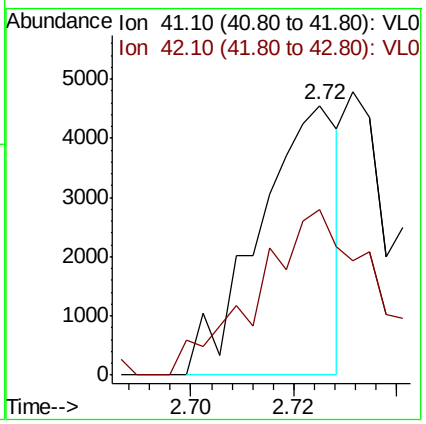


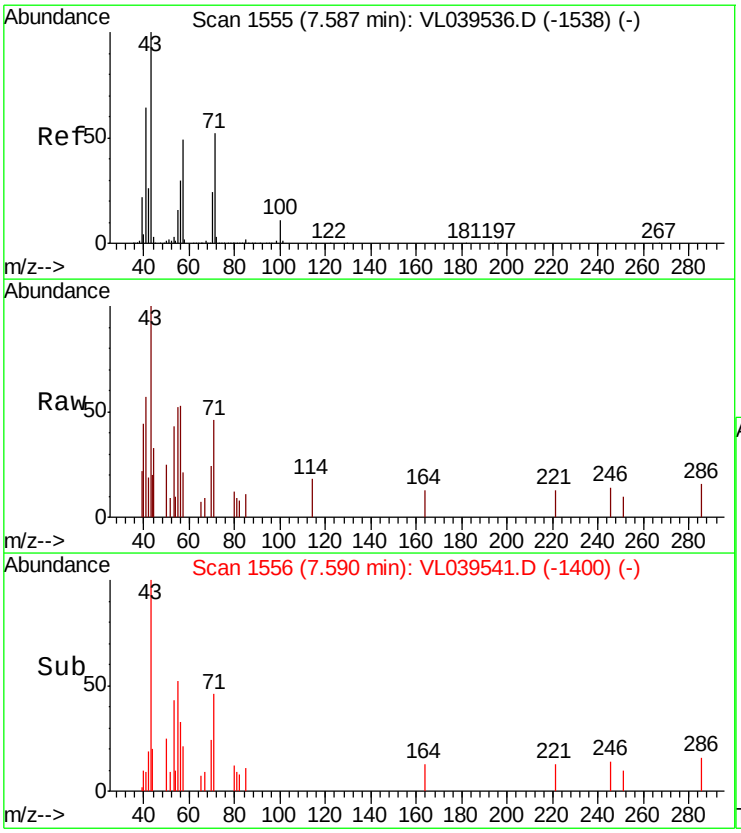
#9
Propene
Concen: 0.080 ppbv
RT: 2.72
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 41 Resp: 4856

Ion	Ratio	Lower	Upper
41	100		
42	106.2	55.4	83.0#

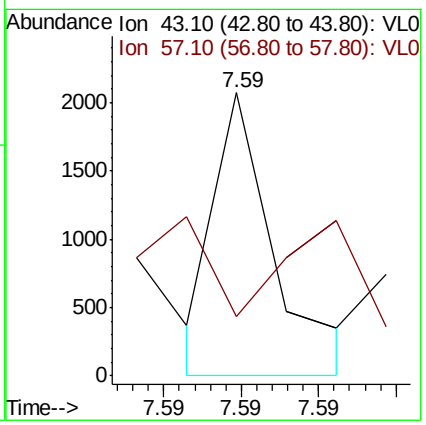


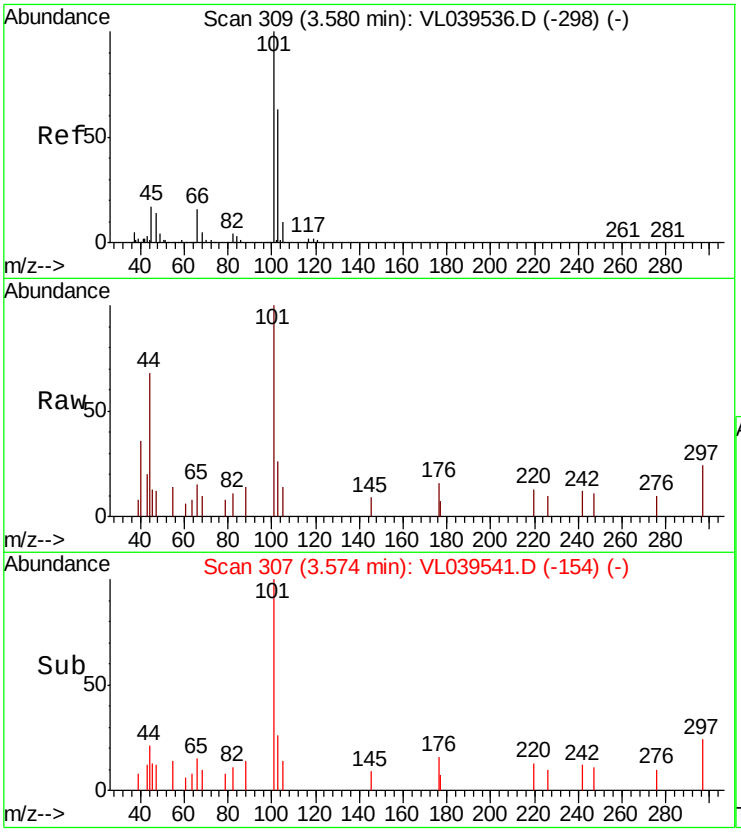


#10
Heptane
Concen: 0.004 ppbv
RT: 7.59 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 43 Resp: 557

Ion	Ratio	Lower	Upper
43	100		
57	342.5	39.8	59.6#



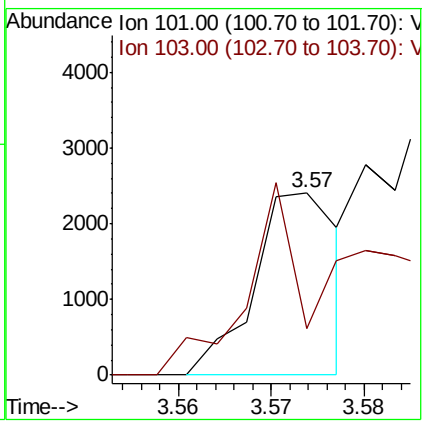


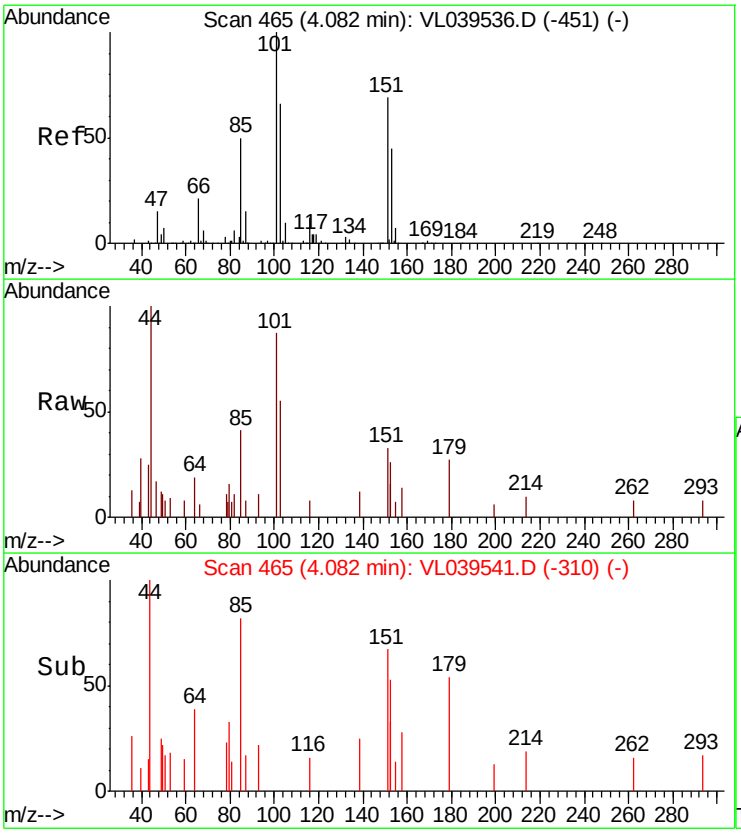
#11
Trichlorofluoromethane
Concen: 0.009 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:101 Resp: 1526

Ion	Ratio	Lower	Upper
101	100		
103	5.5	50.6	76.0#

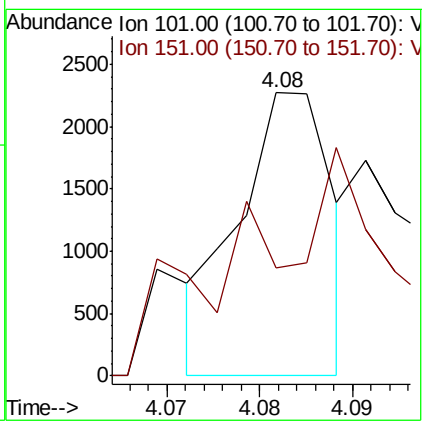


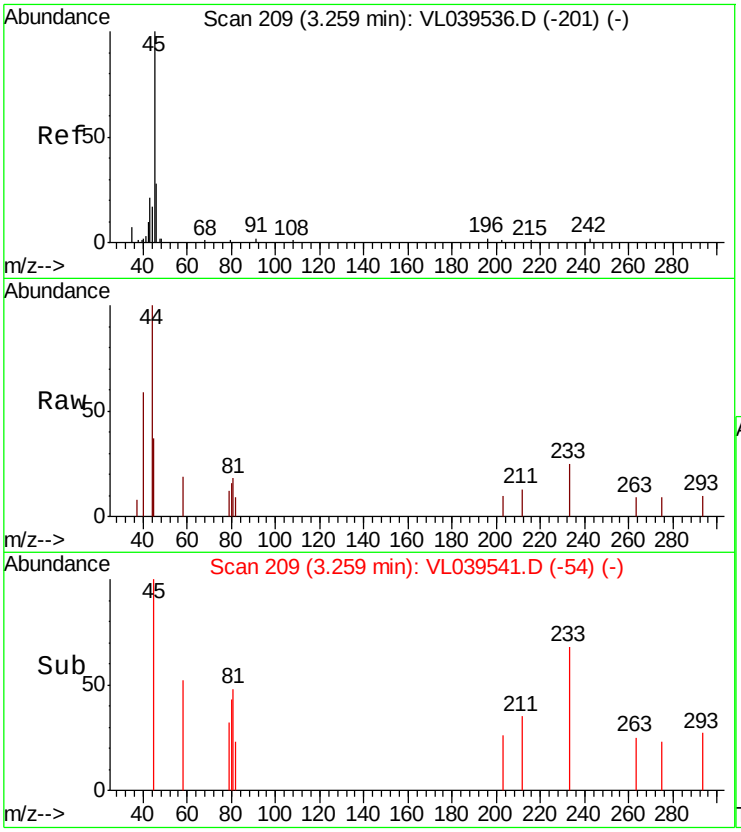


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.013 ppbv
RT: 4.08 min Scan# 465
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:101 Resp: 1587

Ion	Ratio	Lower	Upper
101	100		
151	0.0	58.6	87.8#



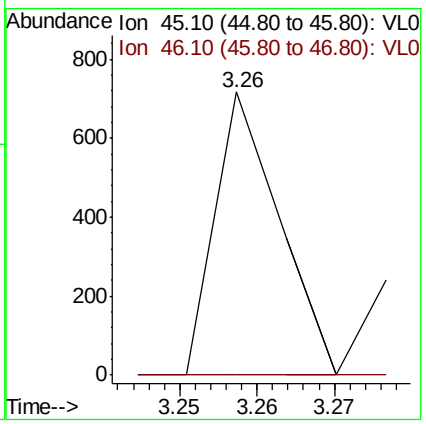


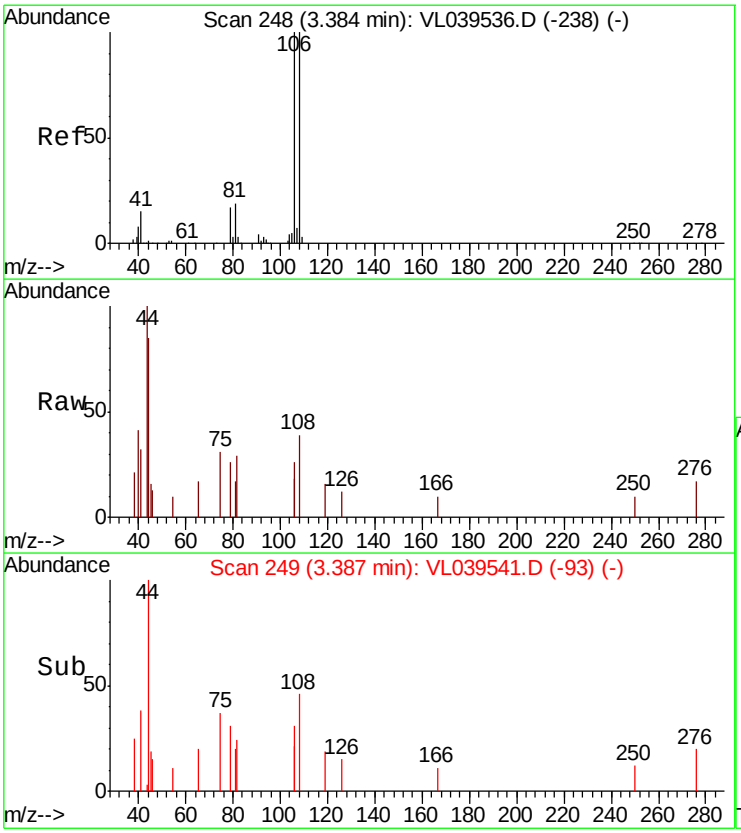
#13
Ethanol
Concen: 0.058 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 45 Resp: 205

Ion	Ratio	Lower	Upper
45	100		
46	15.1	19.3	77.1#

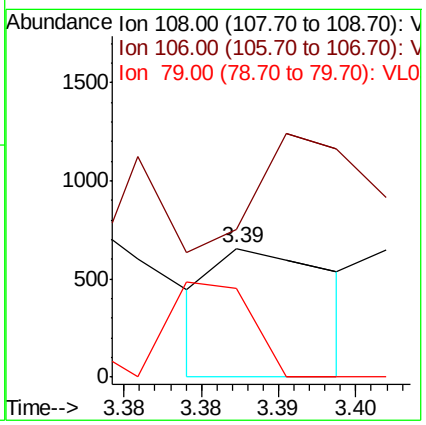


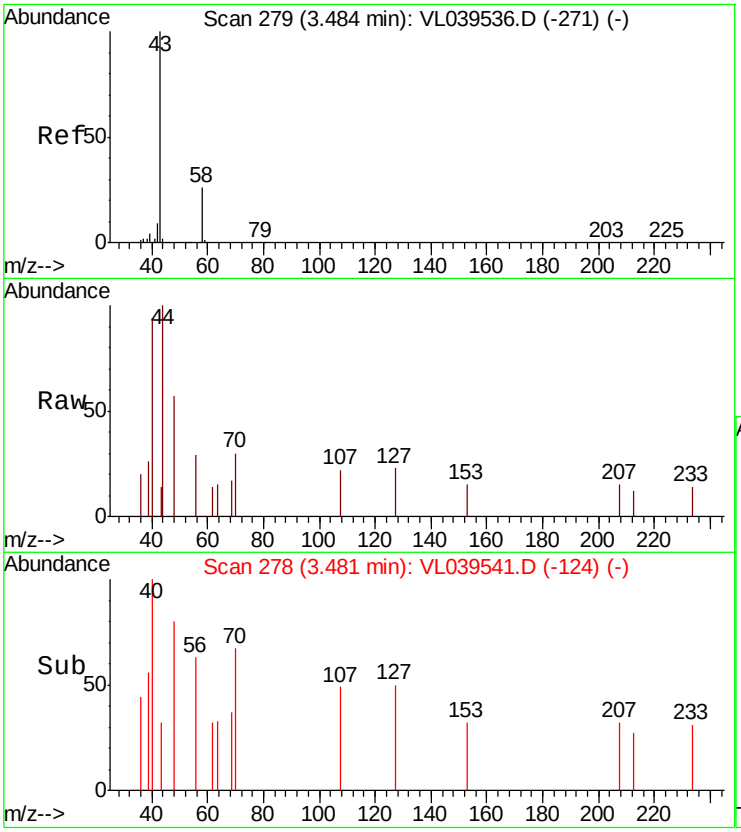


#14
Bromoethene
Concen: 0.007 ppbv
RT: 3.39 min Scan# 249
Delta R.T. 0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:108 Resp: 345

Ion	Ratio	Lower	Upper
108	100		
106	589.9	86.6	130.0#
79	134.5	15.1	22.7#



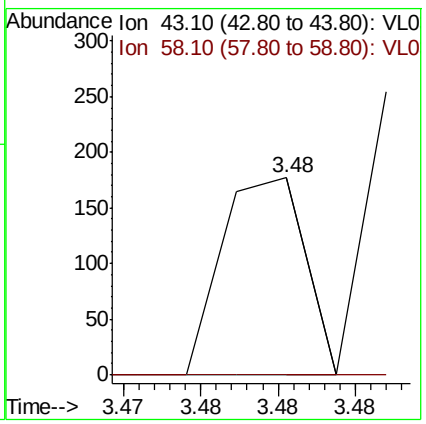


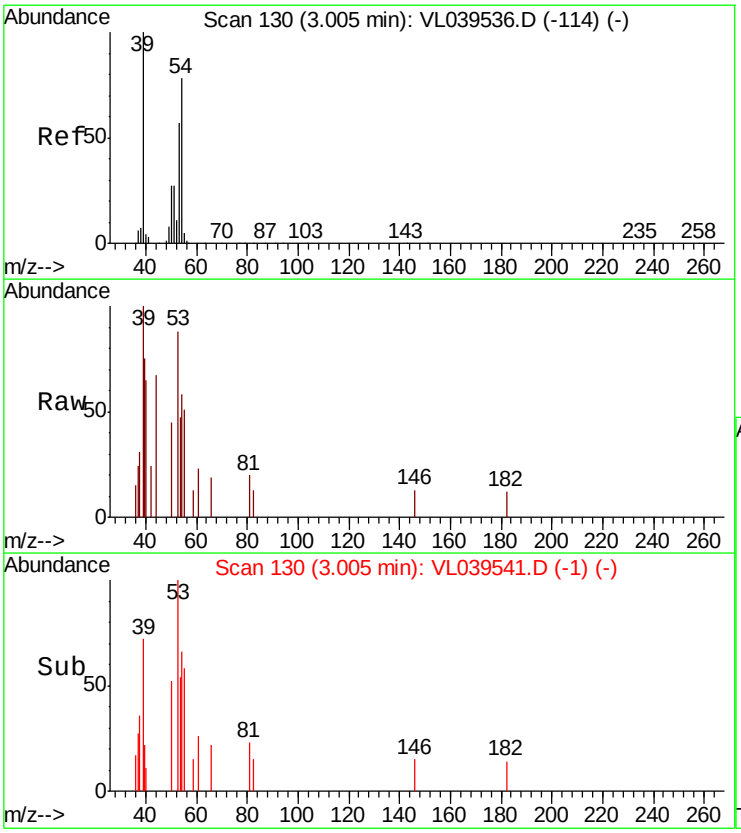
#15
Acetone
Concen: 0.001 ppbv
RT: 3.48
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 43 Resp: 66

Ion	Ratio	Lower	Upper
43	100		
58	0.0	20.7	31.1#

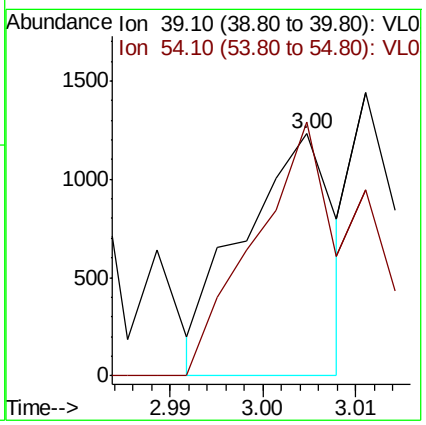


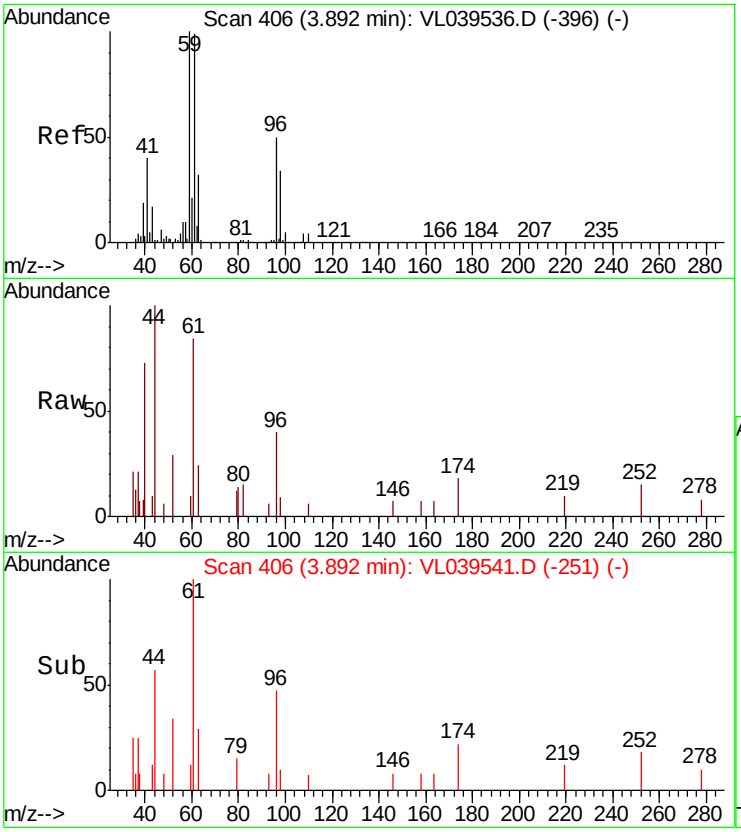


#16
1,3-Butadiene
Concen: 0.013 ppbv
RT: 3.00 min Scan# 130
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 39 Resp: 844

Ion	Ratio	Lower	Upper
39	100		
54	169.1	61.8	92.8#



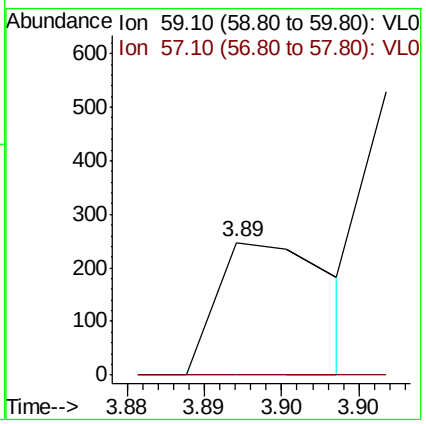


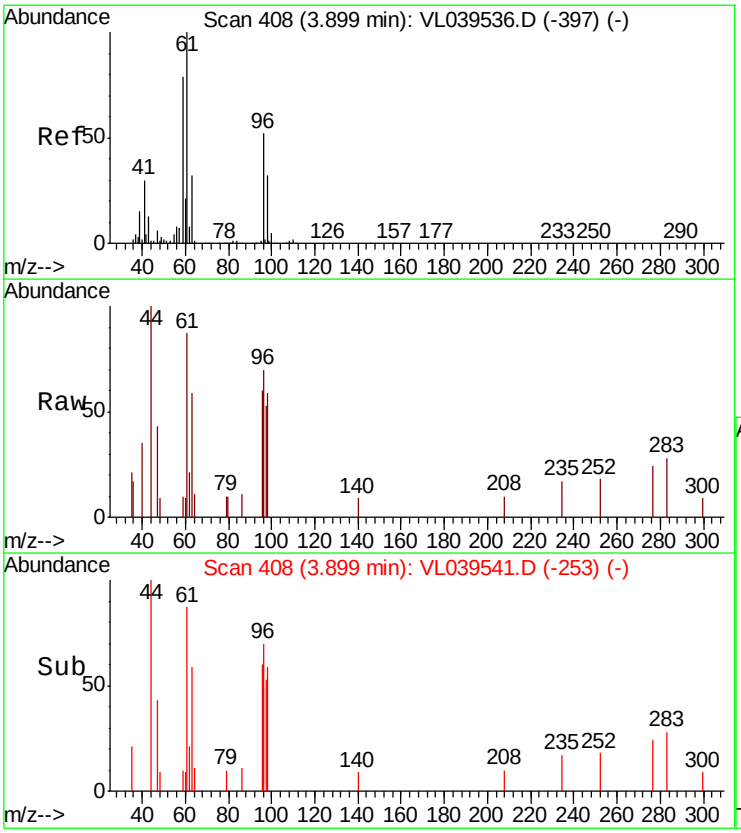
#17
tert-Butyl alcohol
Concen: 0.001 ppbv
RT: 3.89
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 59 Resp: 128

Ion	Ratio	Lower	Upper
59	100		
57	33.6	8.6	12.8#

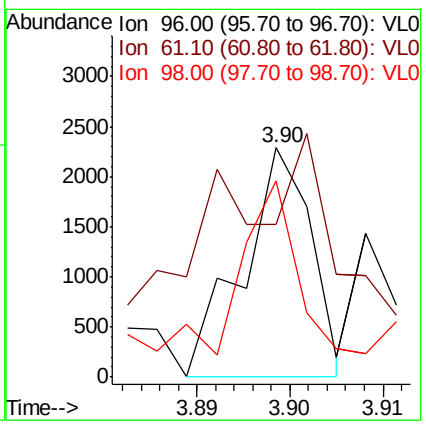


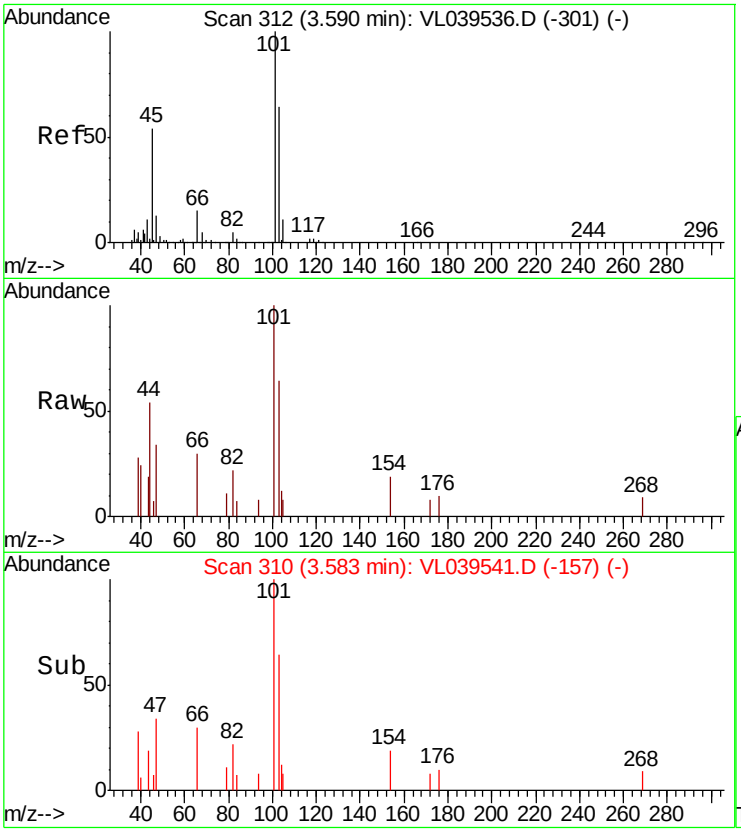


#18
1,1-Dichloroethene
Concen: 0.021 ppbv
RT: 3.90 min Scan# 408
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 96 Resp: 1169

Ion	Ratio	Lower	Upper
96	100		
61	23.2	153.8	230.6#
98	73.6	48.6	73.0#



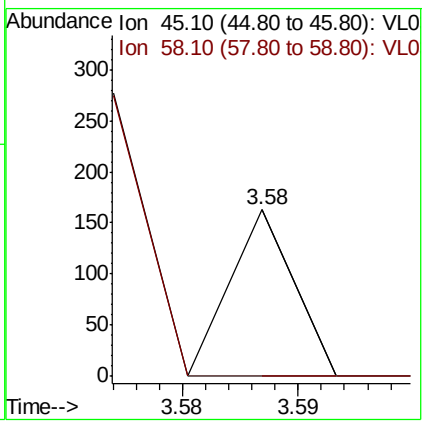


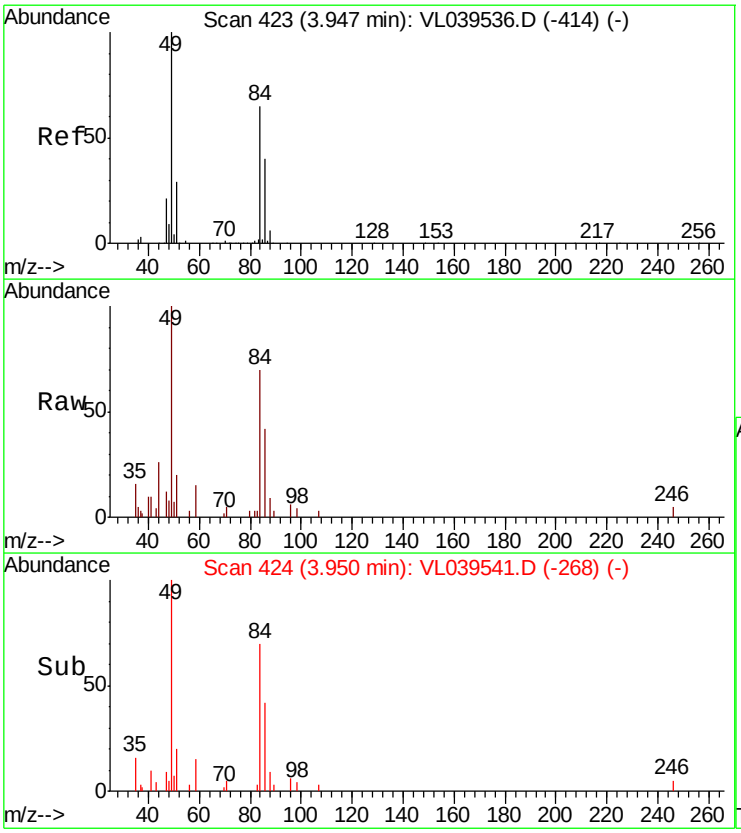
#19
Isopropyl Alcohol
Concen: 0.000 ppbv
RT: 3.58
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 45 Resp: 31

Ion	Ratio	Lower	Upper
45	100		
58	0.0	0.0	0.0

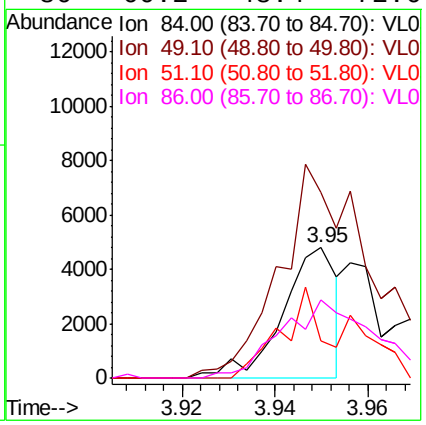


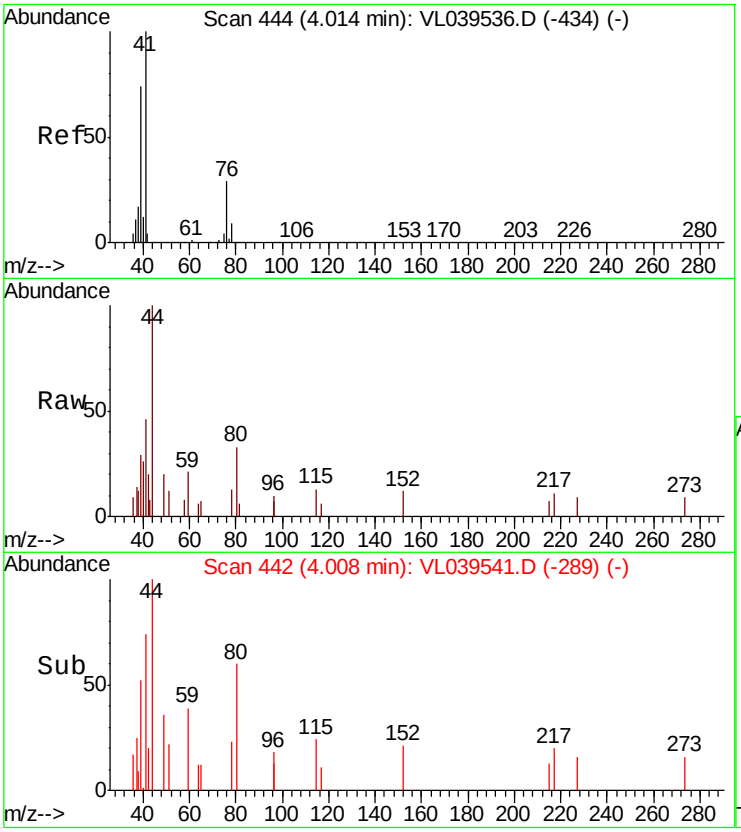


#20
Methylene Chloride
Concen: 0.079 ppbv
RT: 3.95 min Scan# 424
Delta R.T. 0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 84 Resp: 3897

Ion	Ratio	Lower	Upper
84	100		
49	142.4	122.2	183.4
51	28.2	35.8	53.6#
86	60.2	48.4	72.6



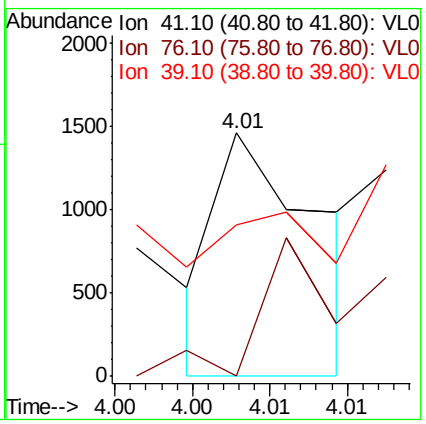


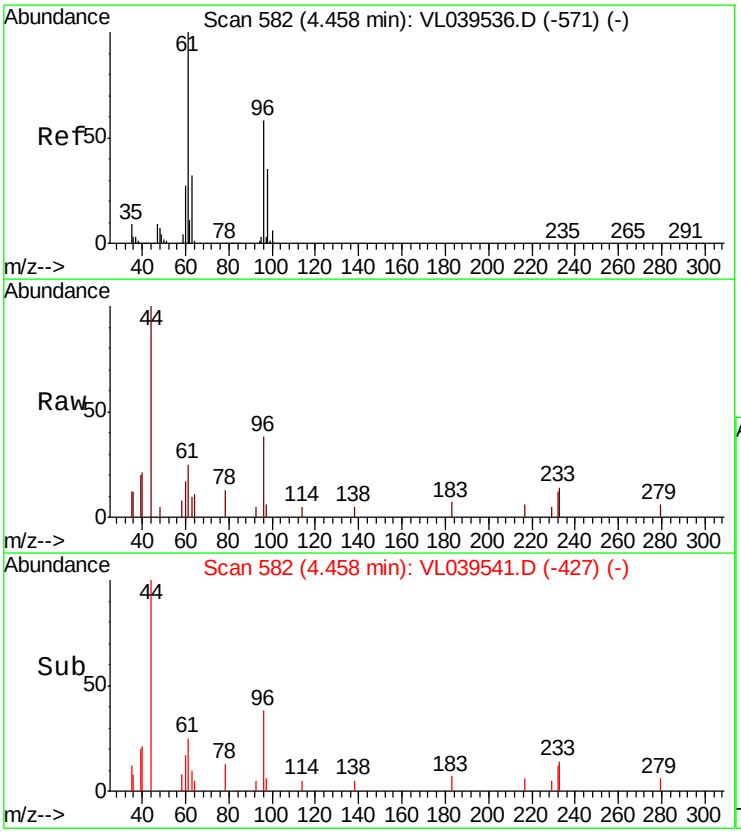
#21
Allvl Chloride
Concen: 0.008 ppbv
RT: 4.01
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 41 Resp: 665

Ion	Ratio	Lower	Upper
41	100		
76	110.8	23.1	34.7#
39	0.0	63.4	95.2#

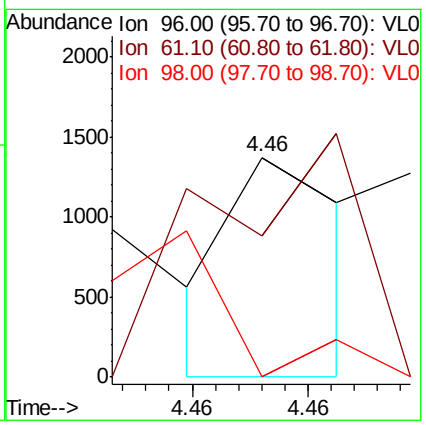


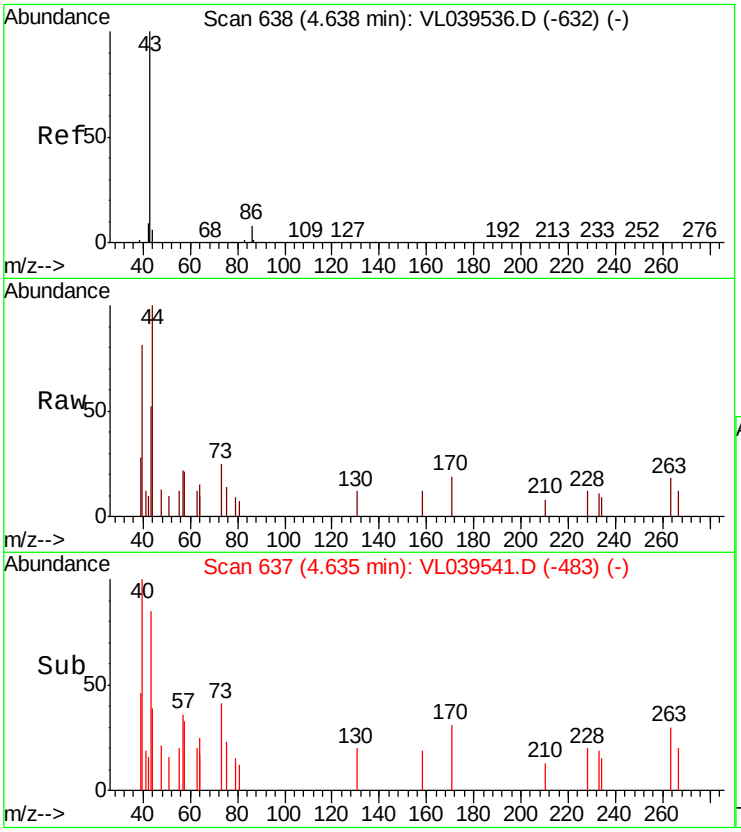


#22
trans-1,2-Dichloroethene
Concen: 0.009 ppbv
RT: 4.46 min Scan# 582
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 96 Resp: 475

Ion	Ratio	Lower	Upper
96	100		
61	0.0	138.1	207.1#
98	0.0	48.8	73.2#



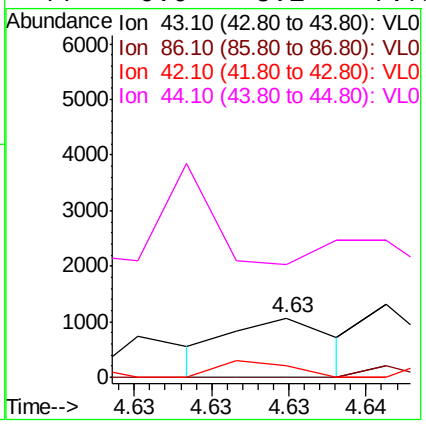


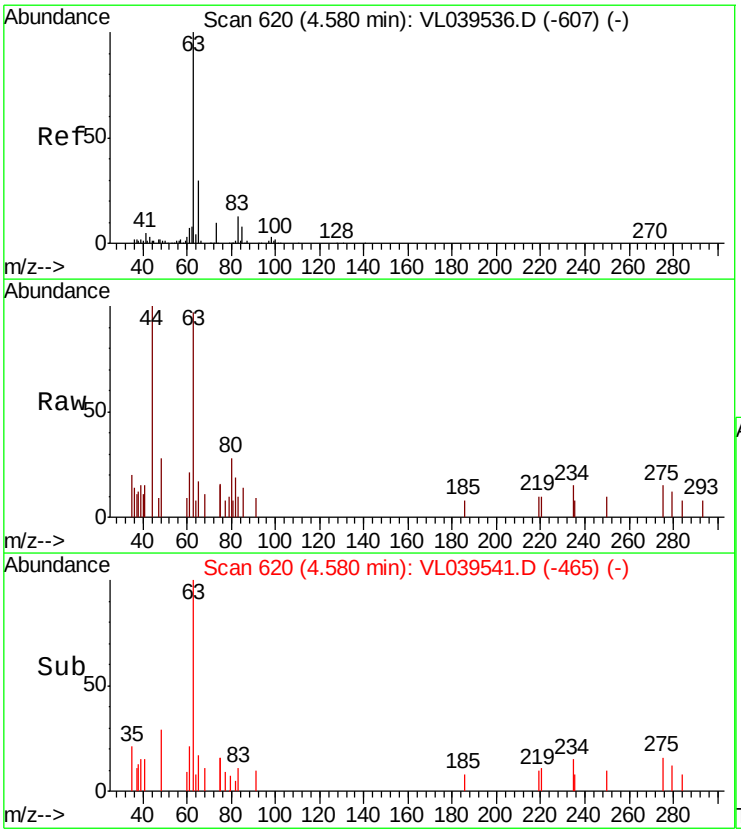
#23
Vinyl Acetate
Concen: 0.006 ppbv
RT: 4.63
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 43 Resp: 504

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.3	7.9#
42	41.0	8.7	13.1#
44	0.0	5.1	7.7#

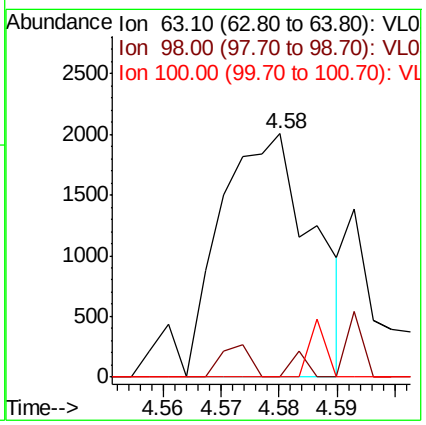


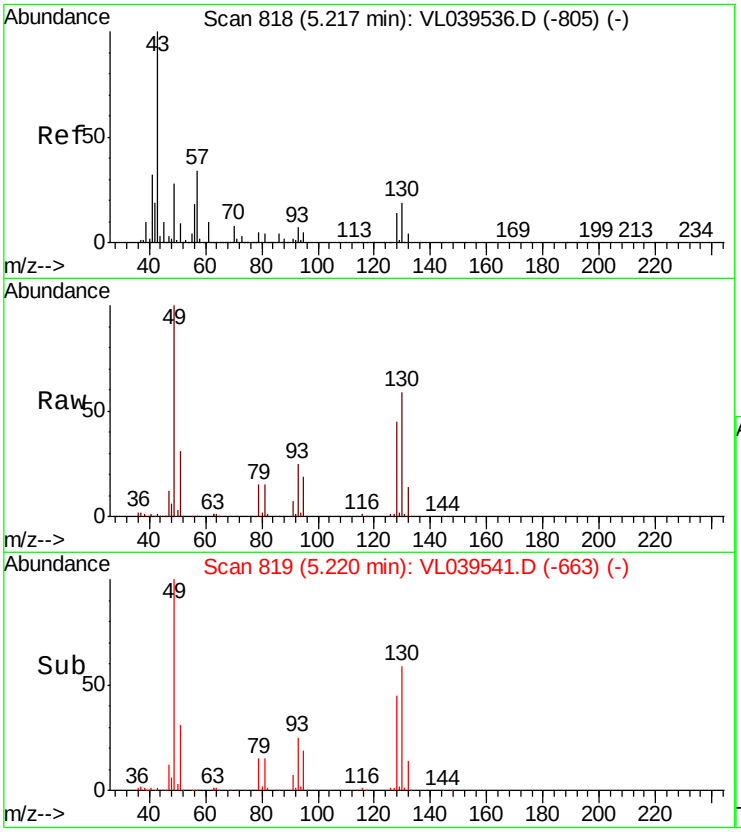


#24
1,1-Dichloroethane
Concen: 0.019 ppbv
RT: 4.58 min Scan# 620
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 63 Resp: 2203

Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.7	5.0#
100	0.0	1.1	3.3#



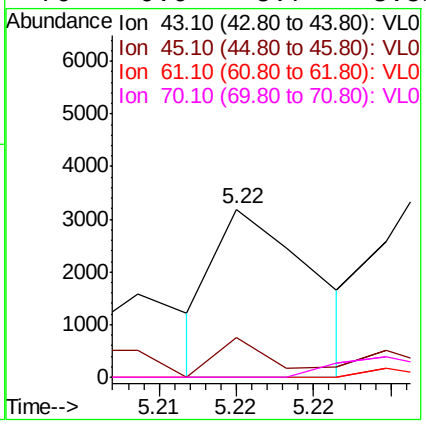


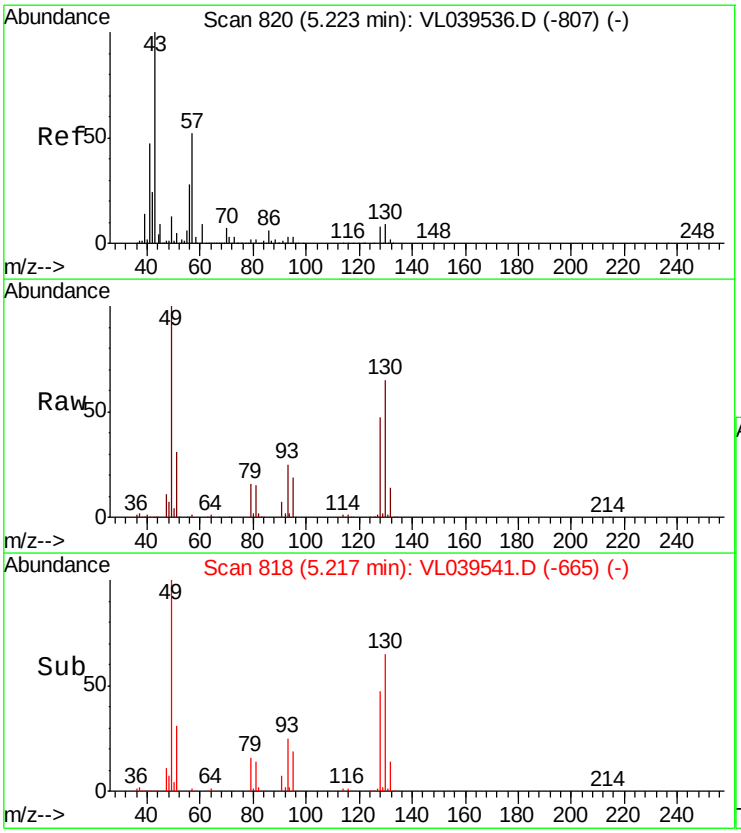
#25
Ethyl Acetate
Concen: 0.005 ppbv
RT: 5.22
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 43 Resp: 1404

Ion	Ratio	Lower	Upper
43	100		
45	40.7	8.2	12.4#
61	0.0	8.6	12.8#
70	0.0	5.7	8.5#

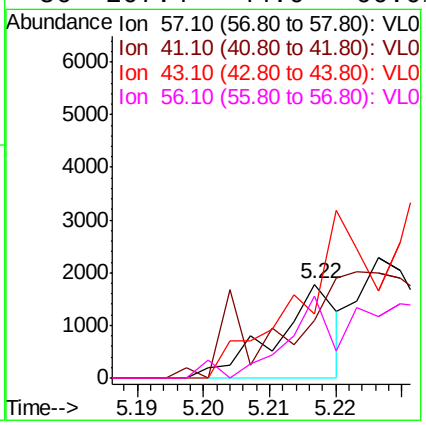


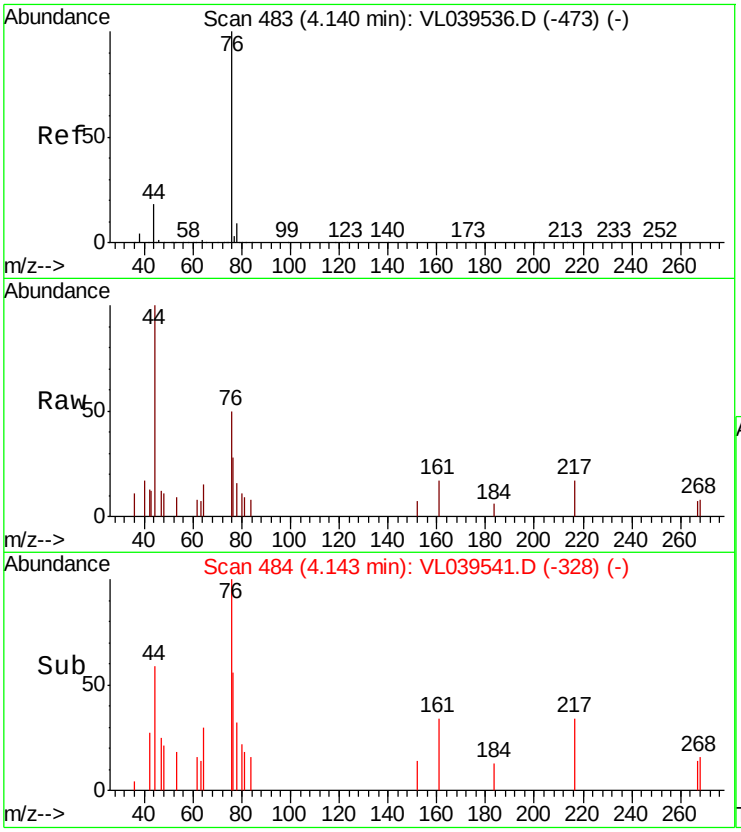


#26
Hexane
Concen: 0.011 ppbv
RT: 5.22 min Scan# 818
Delta R.T. -0.01 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 57 Resp: 1129

Ion	Ratio	Lower	Upper
57	100		
41	0.0	79.4	119.2#
43	0.0	199.7	299.5#
56	207.4	44.0	66.0#



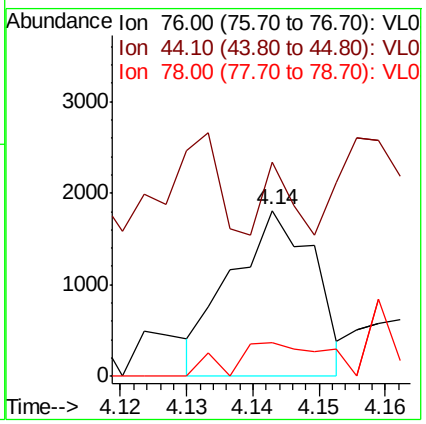


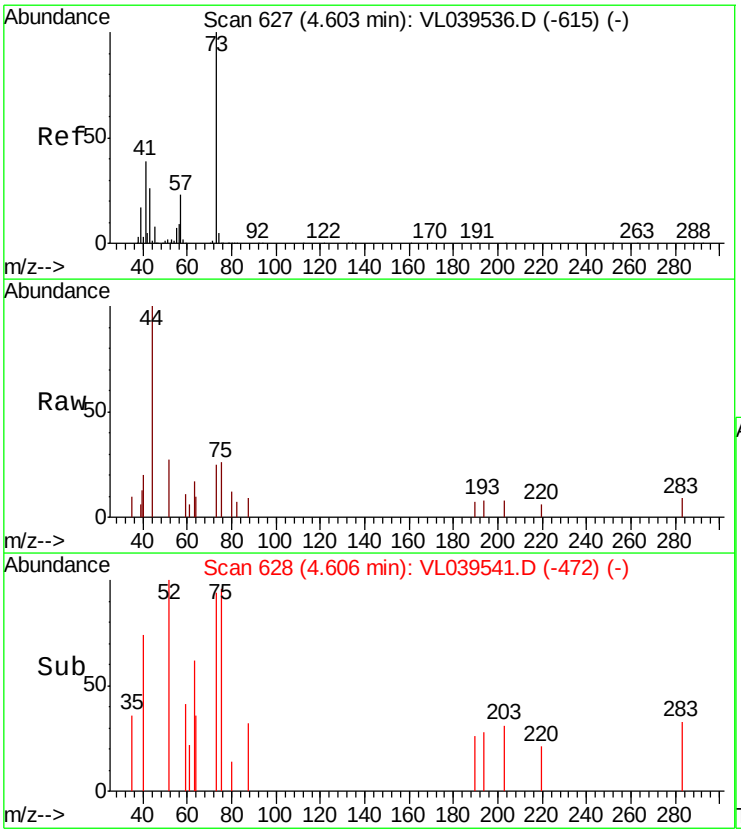
#27
Carbon Disulfide
Concen: 0.013 ppbv
RT: 4.14
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 76 Resp: 1573

Ion	Ratio	Lower	Upper
76	100		
44	0.0	16.3	24.5#
78	0.0	7.8	11.6#

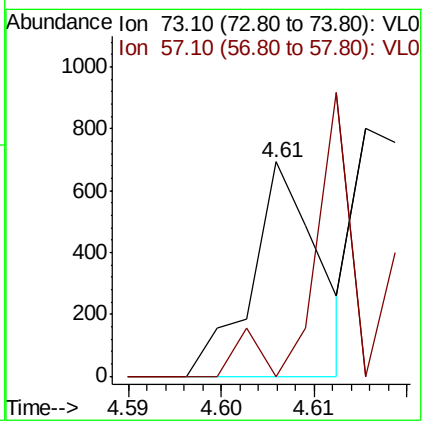


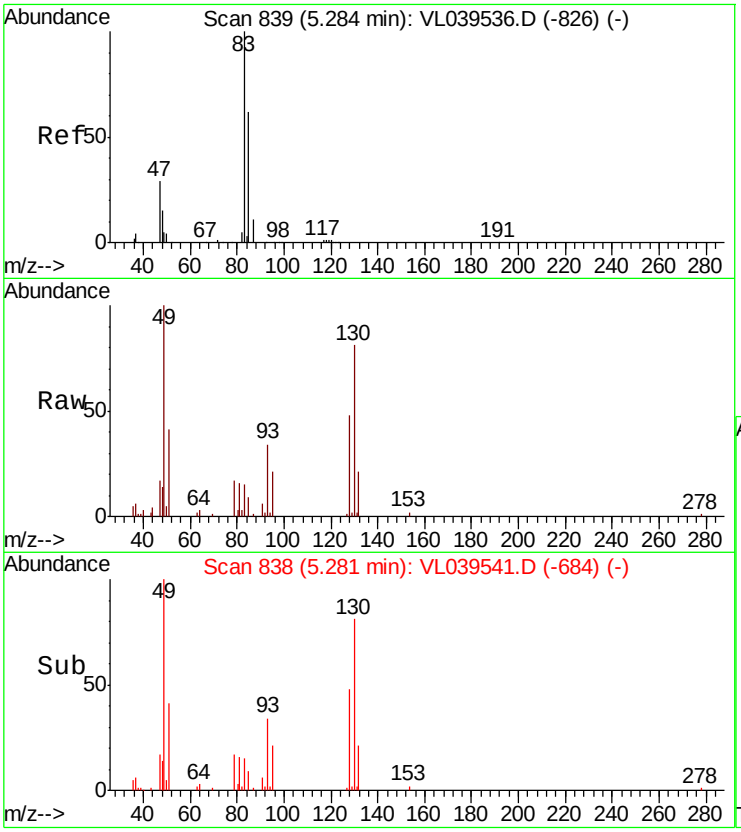


#28
Methyl tert-Butyl Ether
Concen: 0.003 ppbv
RT: 4.61 min Scan# 628
Delta R.T. 0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 73 Resp: 342

Ion	Ratio	Lower	Upper
73	100		
57	227.5	19.8	29.6#



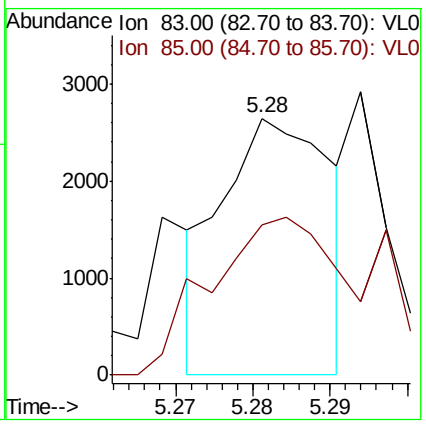


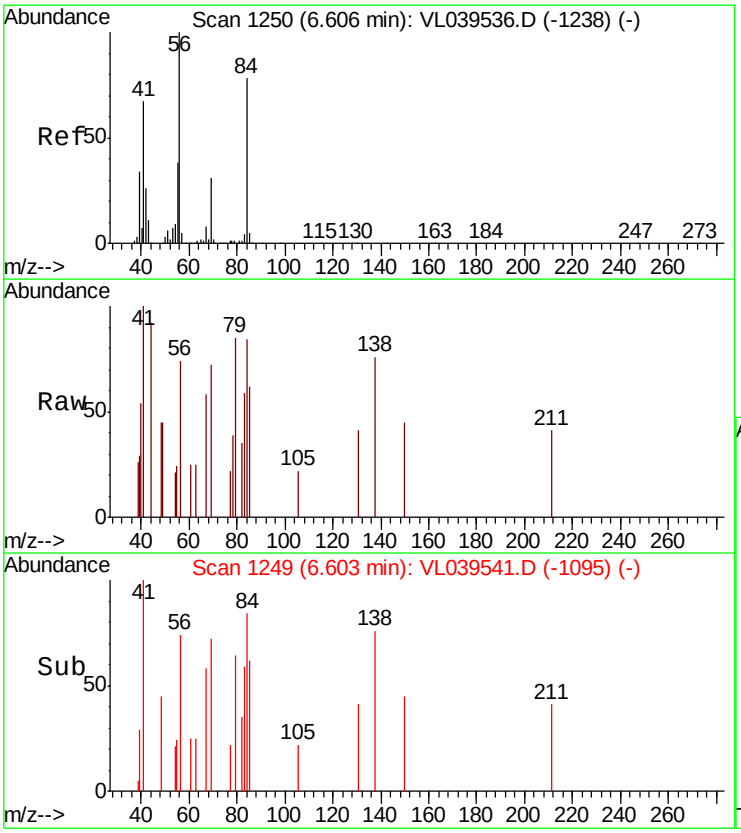
#29
Chloroform
Concen: 0.015 ppbv
RT: 5.28
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 83 Resp: 2573

Ion	Ratio	Lower	Upper
83	100		
85	49.0	49.8	74.8#

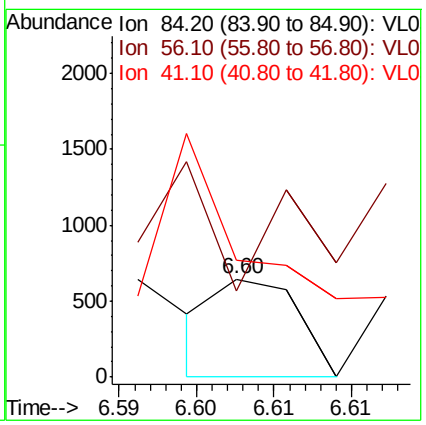


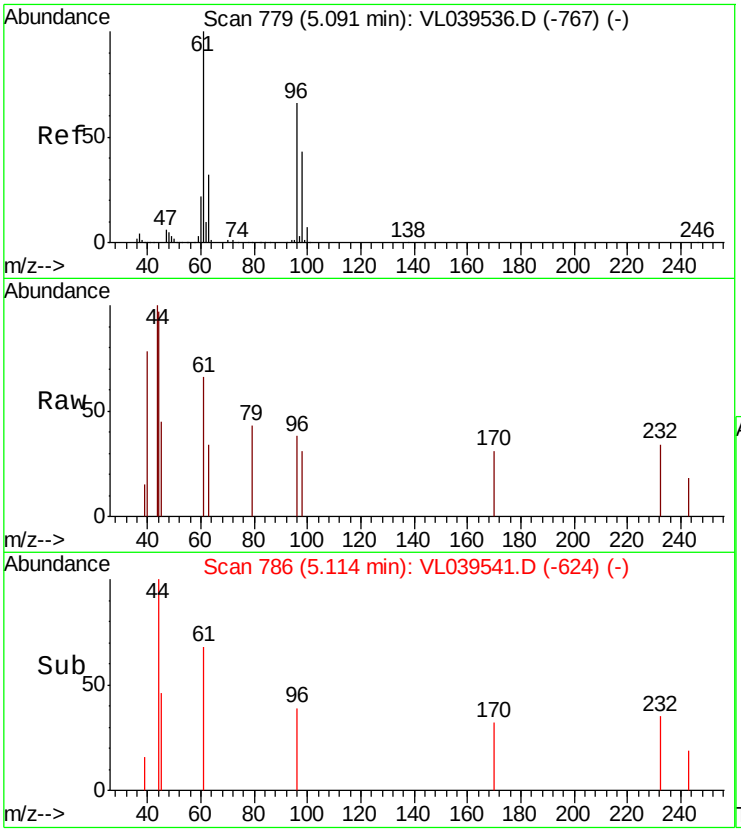


#30
Cyclohexane
Concen: 0.003 ppbv
RT: 6.60 min Scan# 1249
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 84 Resp: 236

Ion	Ratio	Lower	Upper
84	100		
56	0.0	0.0	0.0
41	773.3	0.0	0.0#



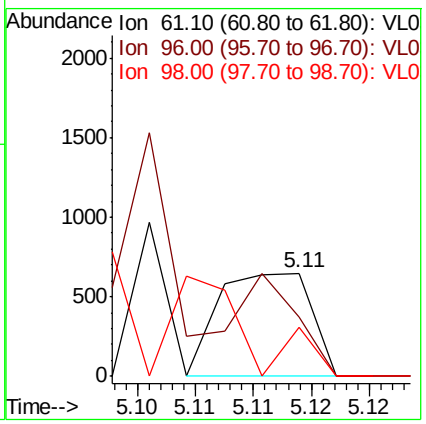


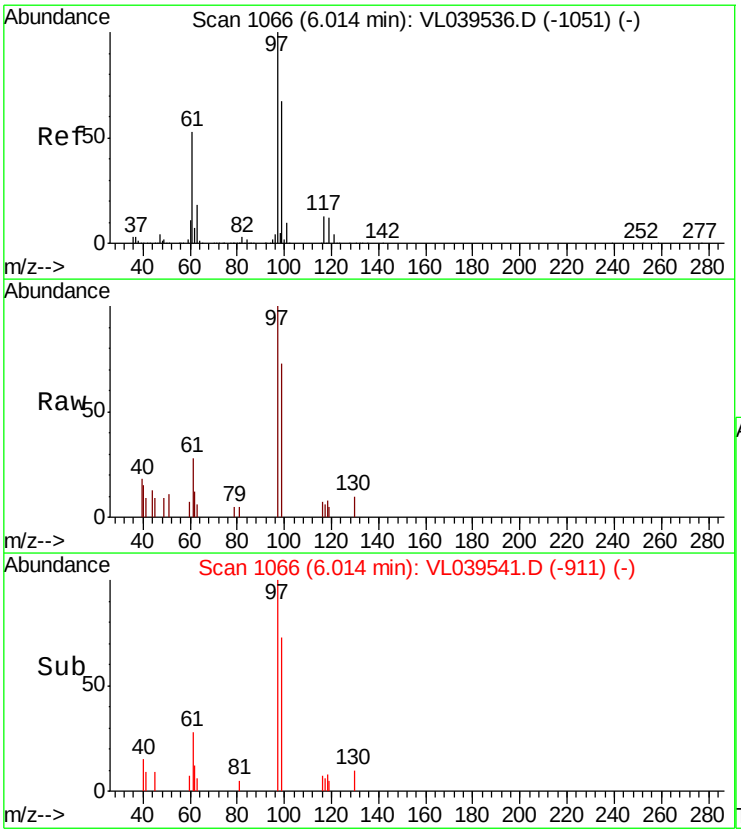
#31
cis-1,2-Dichloroethene
Concen: 0.003 ppbv
RT: 5.11
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 61 Resp: 360

Ion	Ratio	Lower	Upper
61	100		
96	57.0	52.9	79.3
98	47.0	34.5	51.7

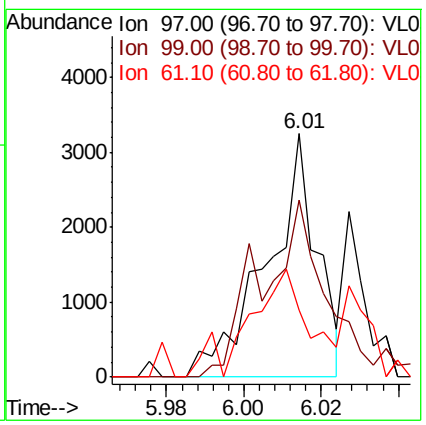


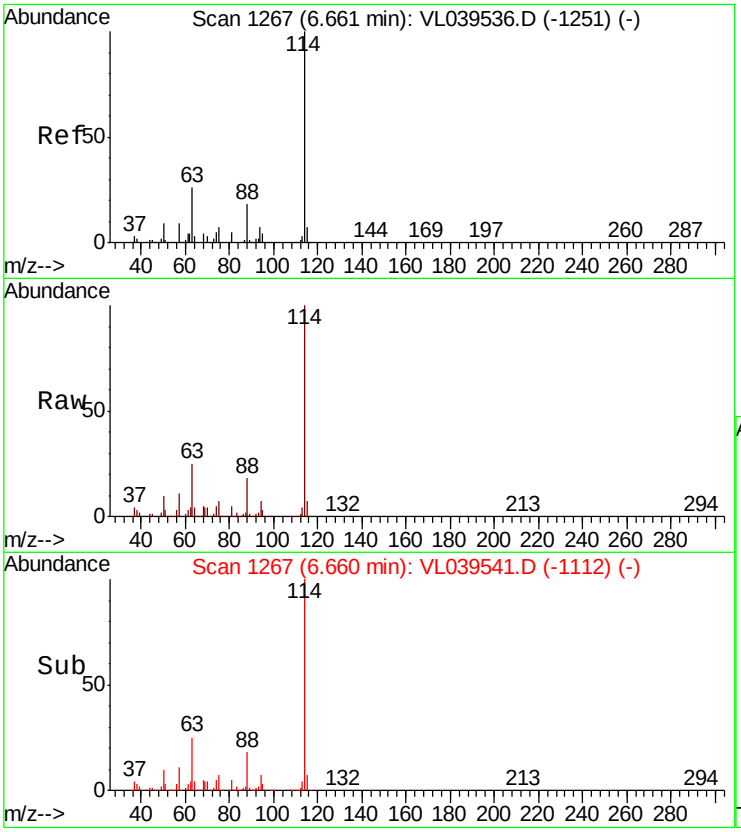


#32
1,1,1-Trichloroethane
Concen: 0.017 ppbv
RT: 6.01 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 97 Resp: 2905

Ion	Ratio	Lower	Upper
97	100		
99	98.3	52.4	78.6#
61	77.0	42.9	64.3#



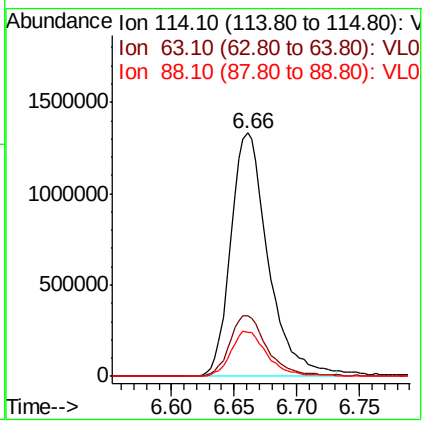


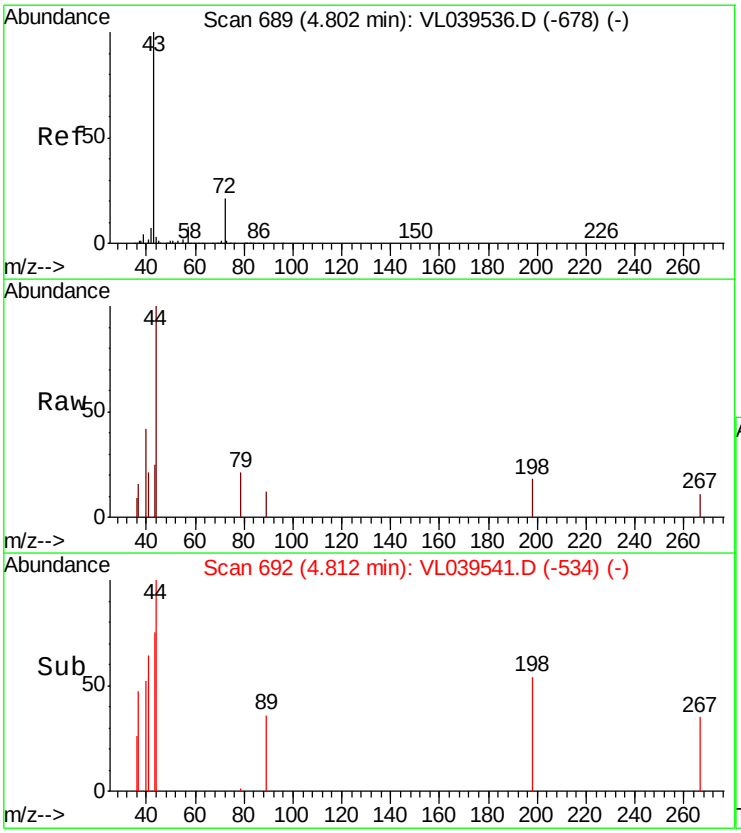
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.66
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:114 Resp: 2756811

Ion	Ratio	Lower	Upper
114	100		
63	25.6	20.6	31.0
88	18.4	14.6	22.0

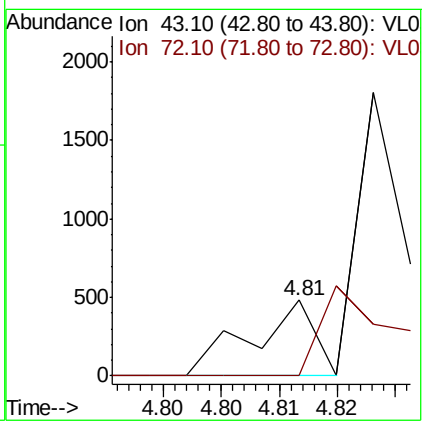


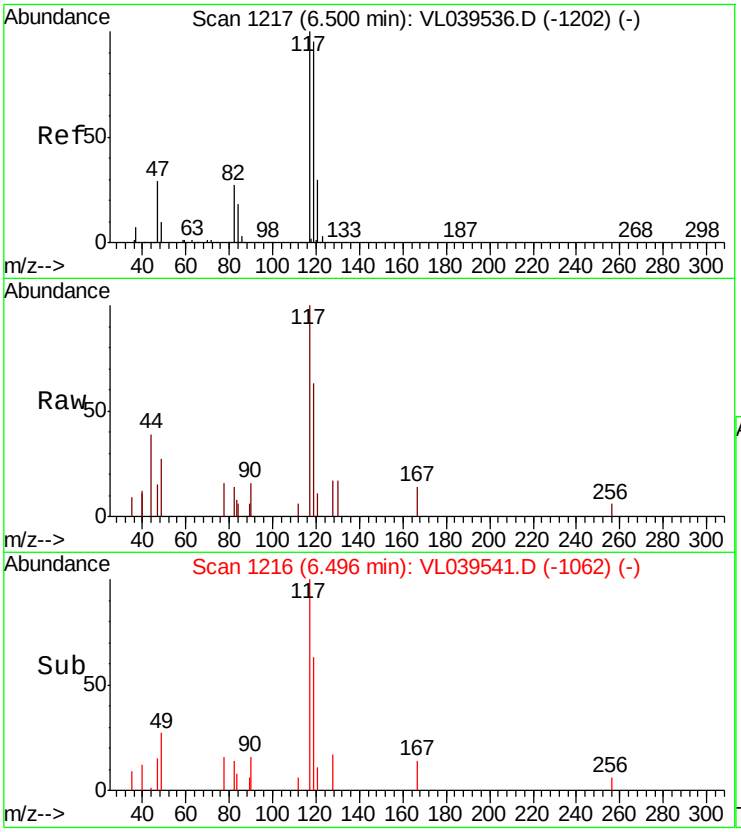


#34
2-Butanone
Concen: 0.001 ppbv
RT: 4.81 min Scan# 692
Delta R.T. 0.01 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 43 Resp: 183

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.4	26.0#



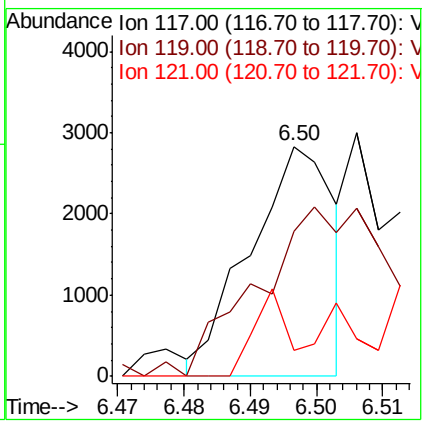


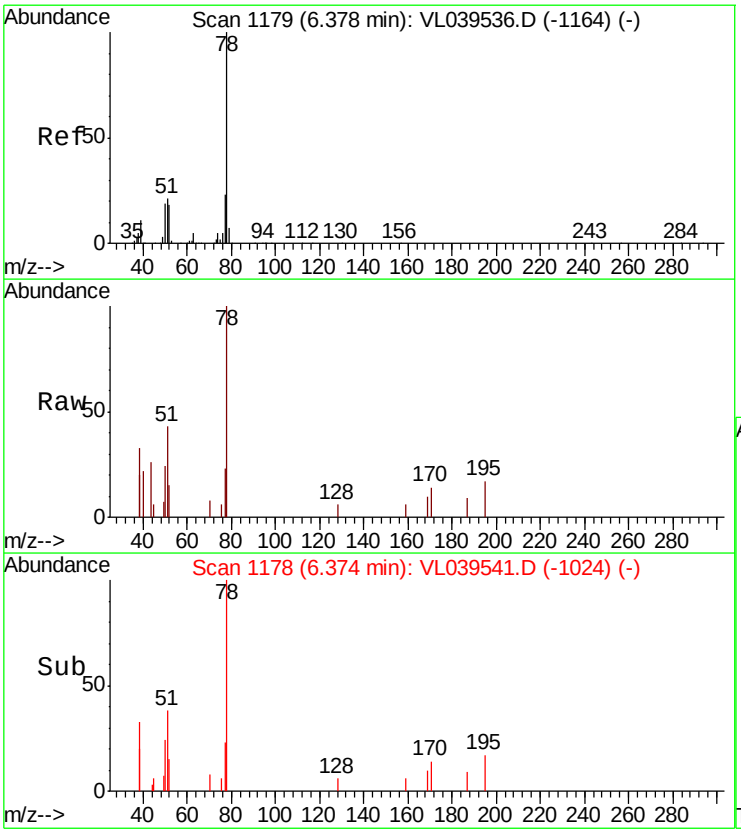
#35
Carbon Tetrachloride
Concen: 0.015 ppbv
RT: 6.50
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:117 Resp: 2498

Ion	Ratio	Lower	Upper
117	100		
119	68.2	76.2	114.4#
121	12.0	24.4	36.6#

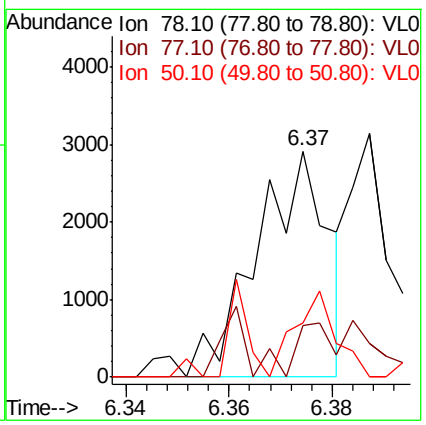


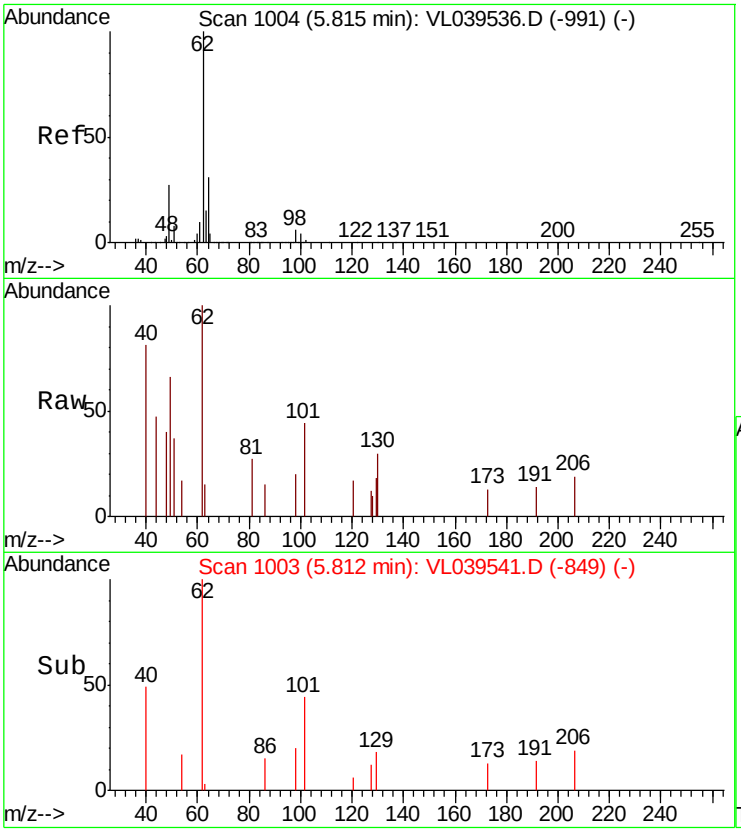


#36
Benzene
Concen: 0.013 ppbv
RT: 6.37 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 78 Resp: 2795

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.6	27.8
50	15.6	15.0	22.4



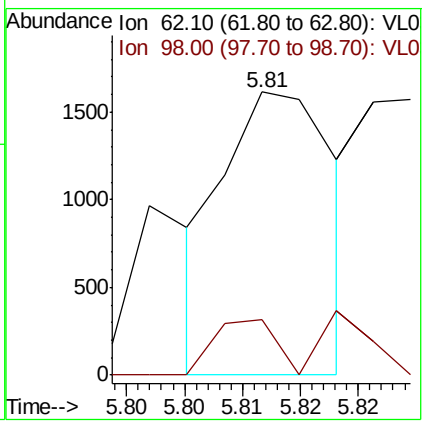


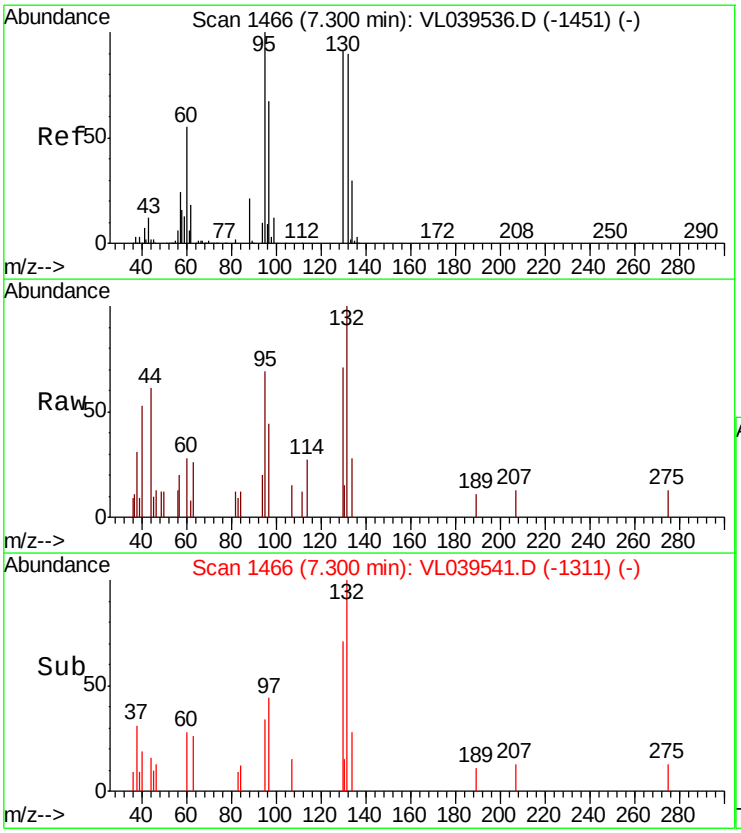
#37
1,2-Dichloroethane
Concen: 0.009 ppbv
RT: 5.81
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 62 Resp: 1072

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.4	8.2#

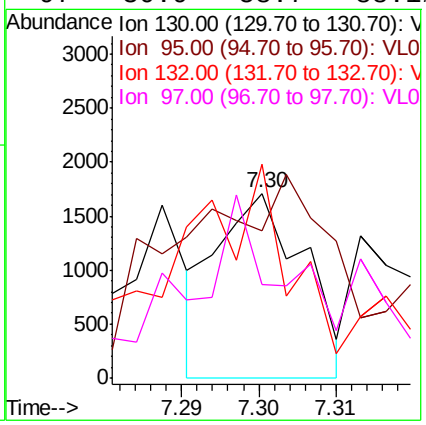


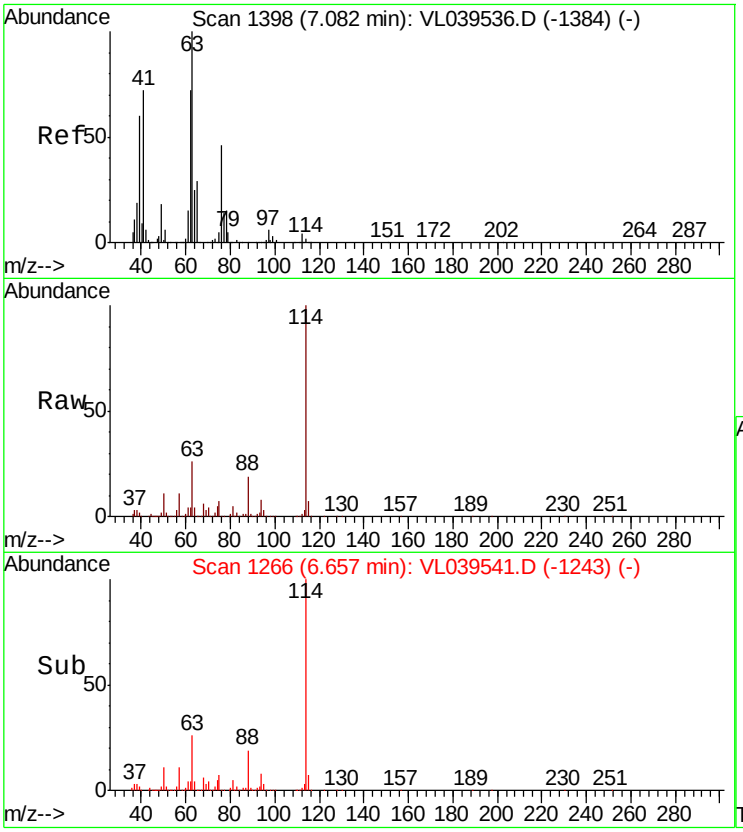


#38
Trichloroethene
Concen: 0.012 ppbv
RT: 7.30 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:130 Resp: 1343

Ion	Ratio	Lower	Upper
130	100		
95	6.9	88.0	132.0#
132	130.1	79.1	118.7#
97	30.9	58.7	88.1#



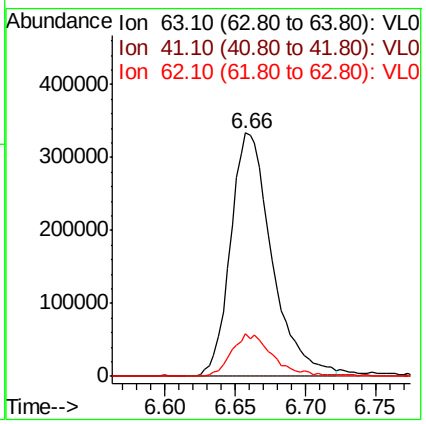


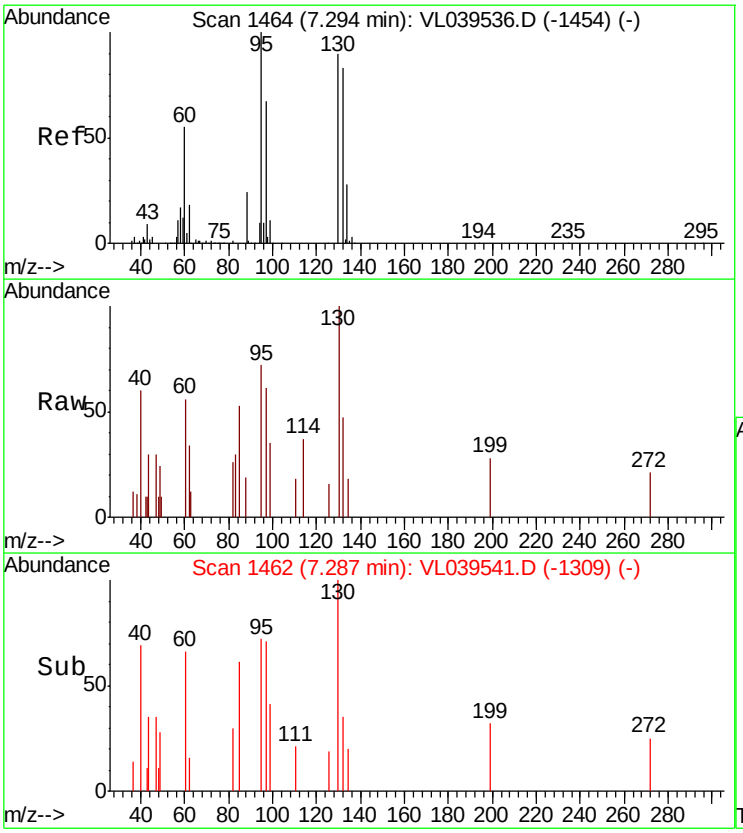
#39
1,2-Dichloropropane
Concen: 8.671 ppbv
RT: 6.66
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 63 Resp: 687162

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.0	87.0#
62	17.1	57.8	86.8#

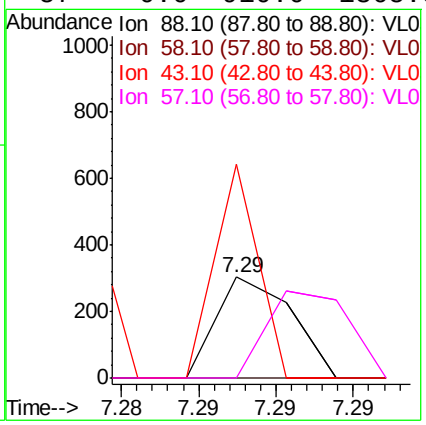


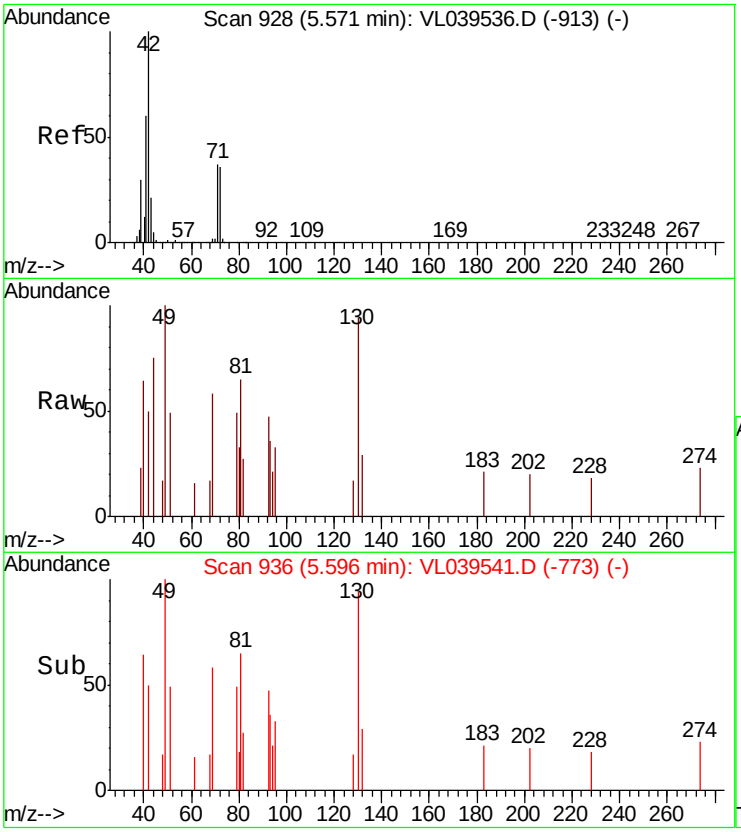


#40
1,4-Dioxane
Concen: 0.003 ppbv
RT: 7.29 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 88 Resp: 103

Ion	Ratio	Lower	Upper
88	100		
58	0.0	102.8	154.2#
43	418.4	216.2	324.2#
57	0.0	910.0	1365.0#



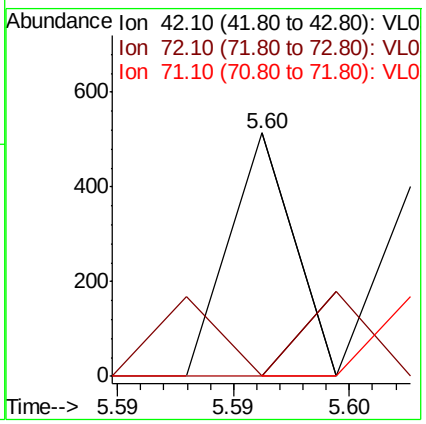


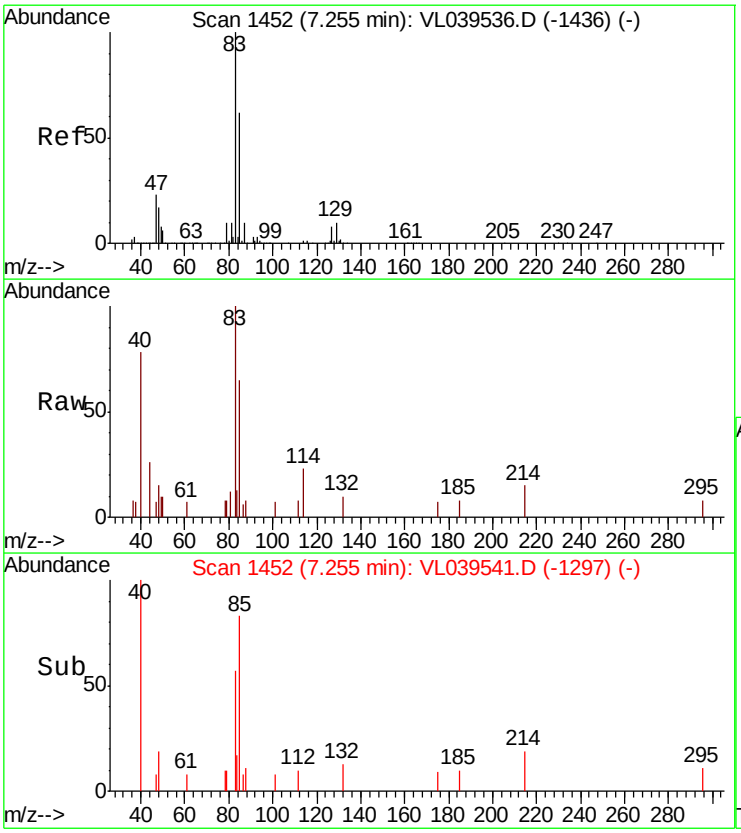
#41
Tetrahydrofuran
Concen: 0.001 ppbv
RT: 5.60
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 42 Resp: 99

Ion	Ratio	Lower	Upper
42	100		
72	149.5	30.6	45.8#
71	0.0	30.7	46.1#

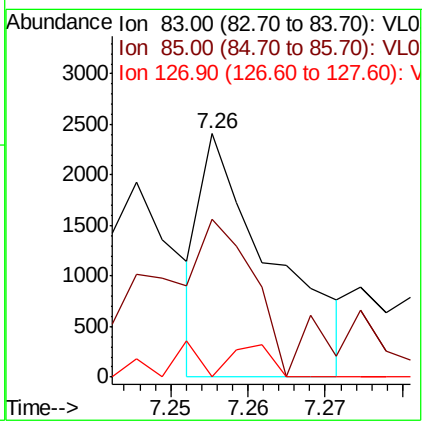


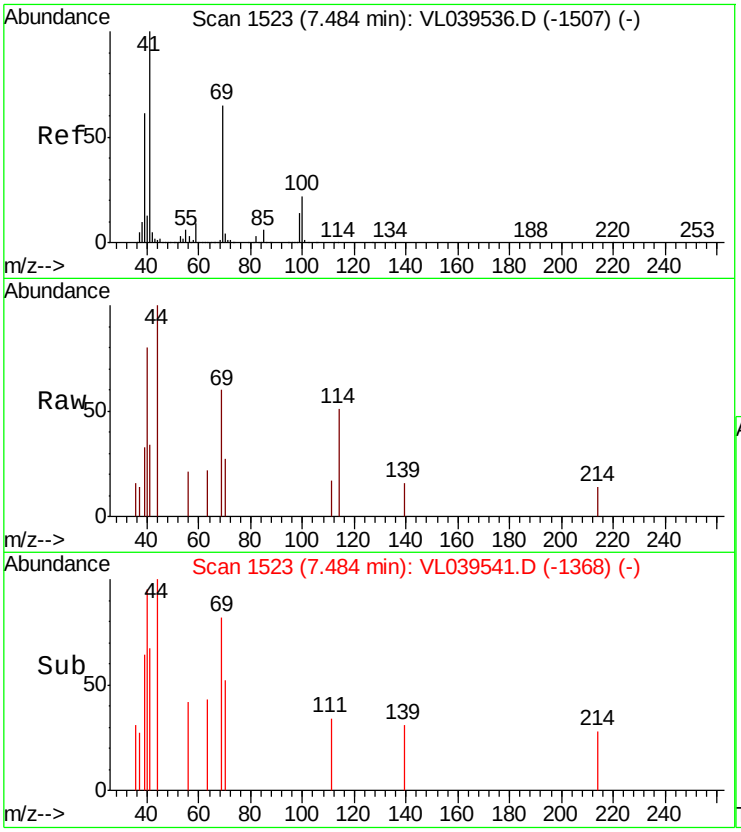


#42
Bromodichloromethane
Concen: 0.009 ppbv
RT: 7.26 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 83 Resp: 1549

Ion	Ratio	Lower	Upper
83	100		
85	81.7	49.9	74.9#
127	0.0	6.7	10.1#



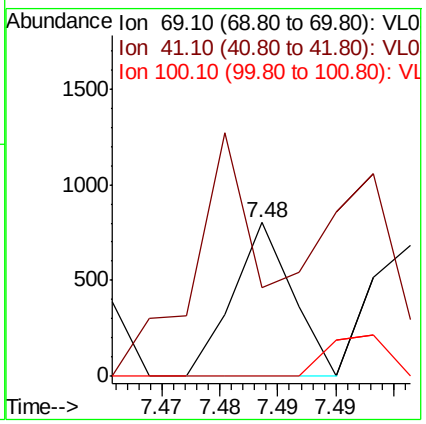


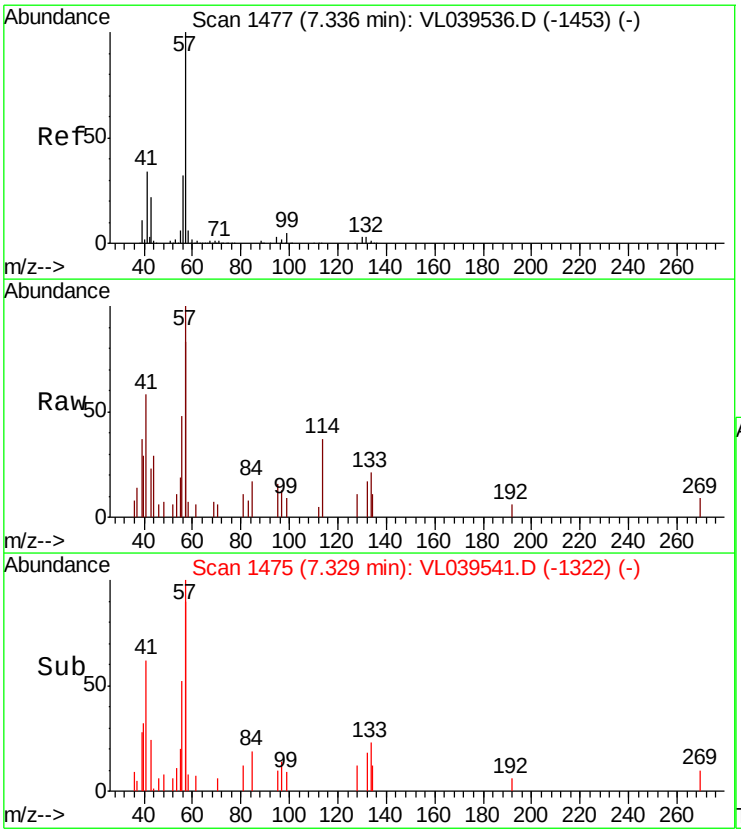
#43
Methyl Methacrylate
Concen: 0.004 ppbv
RT: 7.48
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 69 Resp: 287

Ion	Ratio	Lower	Upper
69	100		
41	956.4	123.0	184.6#
100	0.0	27.4	41.2#

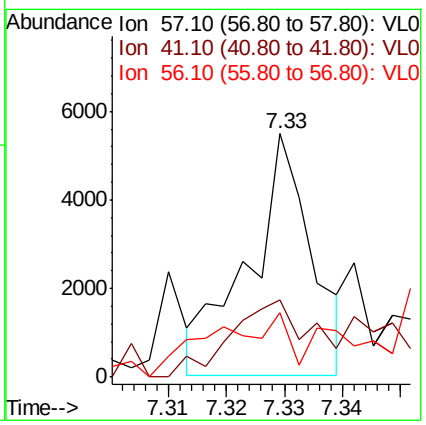


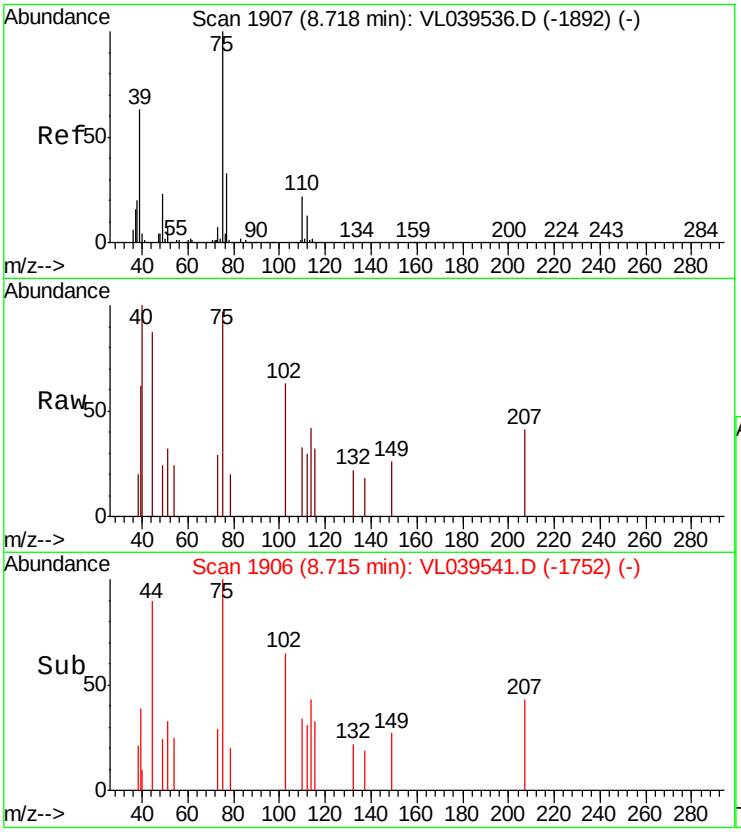


#44
2,2,4-Trimethylpentane
Concen: 0.011 ppbv
RT: 7.33 min Scan# 1475
Delta R.T. -0.01 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 57 Resp: 4127

Ion	Ratio	Lower	Upper
57	100		
41	79.6	27.8	41.6#
56	0.0	25.5	38.3#



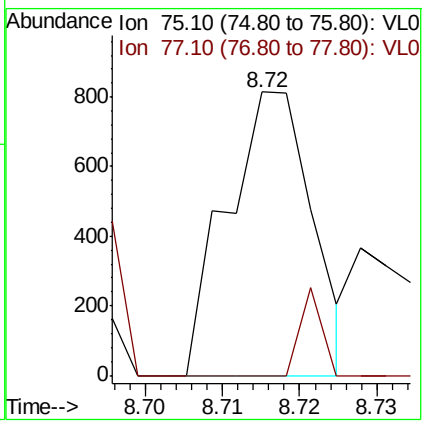


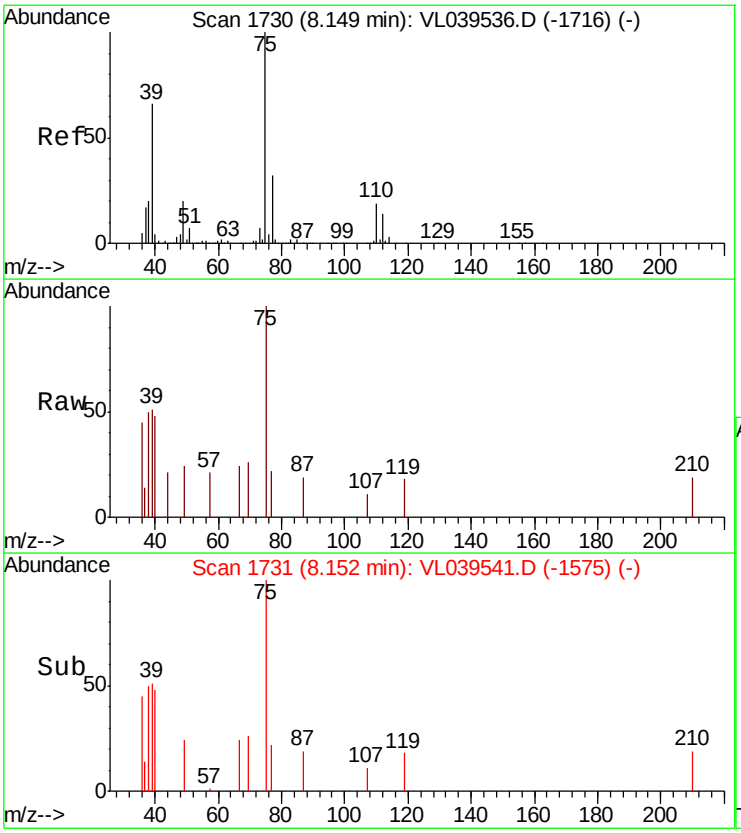
#45
t-1,3-Dichloropropene
Concen: 0.009 ppbv
RT: 8.72
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 75 Resp: 627

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#

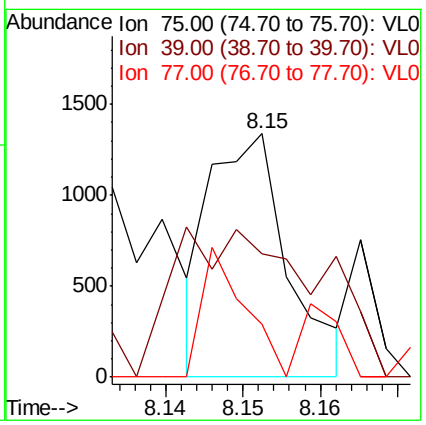


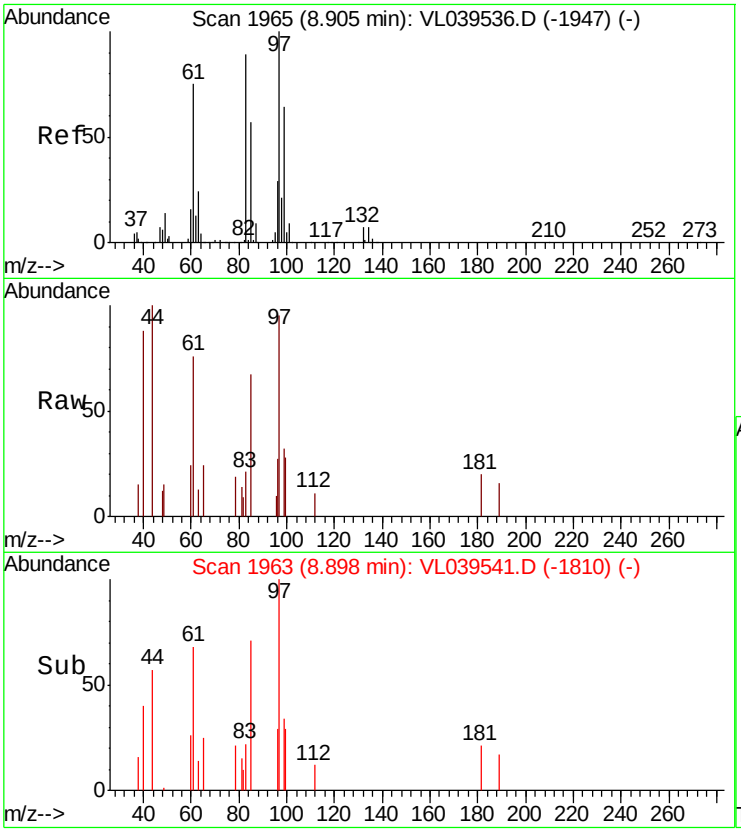


#46
cis-1,3-Dichloropropene
Concen: 0.010 ppbv
RT: 8.15 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 75 Resp: 935

Ion	Ratio	Lower	Upper
75	100		
39	1.5	52.8	79.2#
77	27.0	25.3	37.9



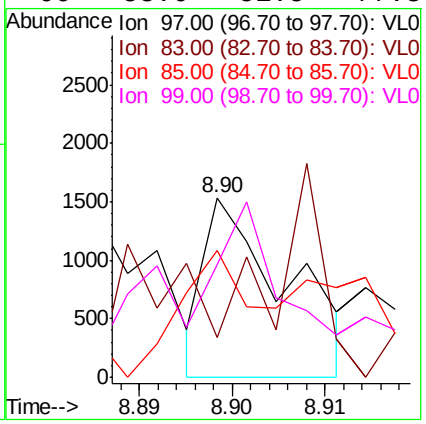


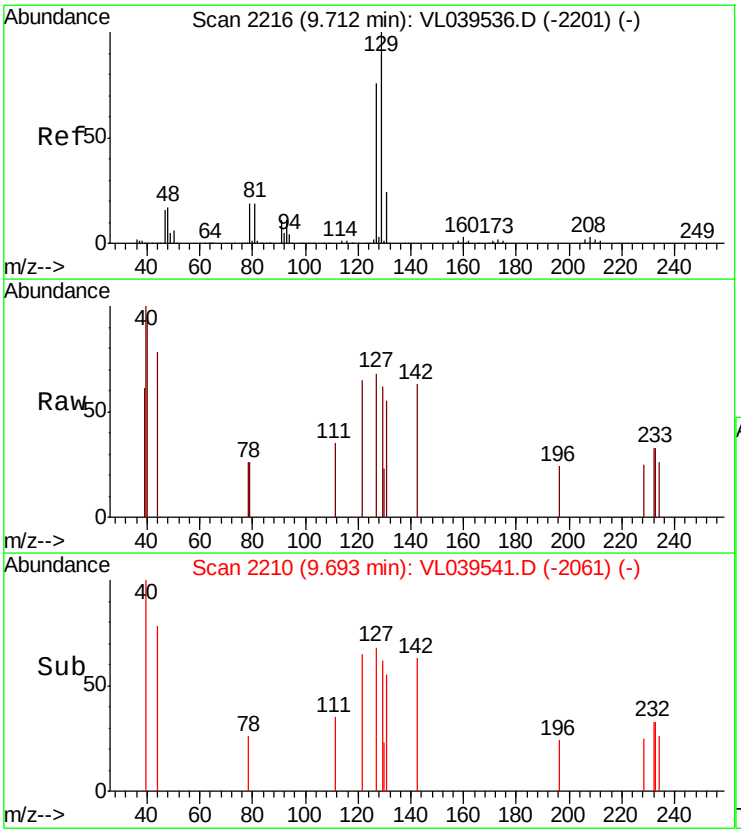
#47
1,1,2-Trichloroethane
Concen: 0.011 ppbv
RT: 8.90
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 97 Resp: 940

Ion	Ratio	Lower	Upper
97	100		
83	1.0	70.8	106.2#
85	32.5	45.4	68.2#
99	53.6	51.5	77.3

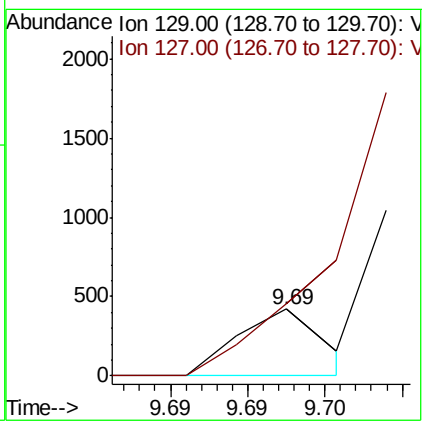


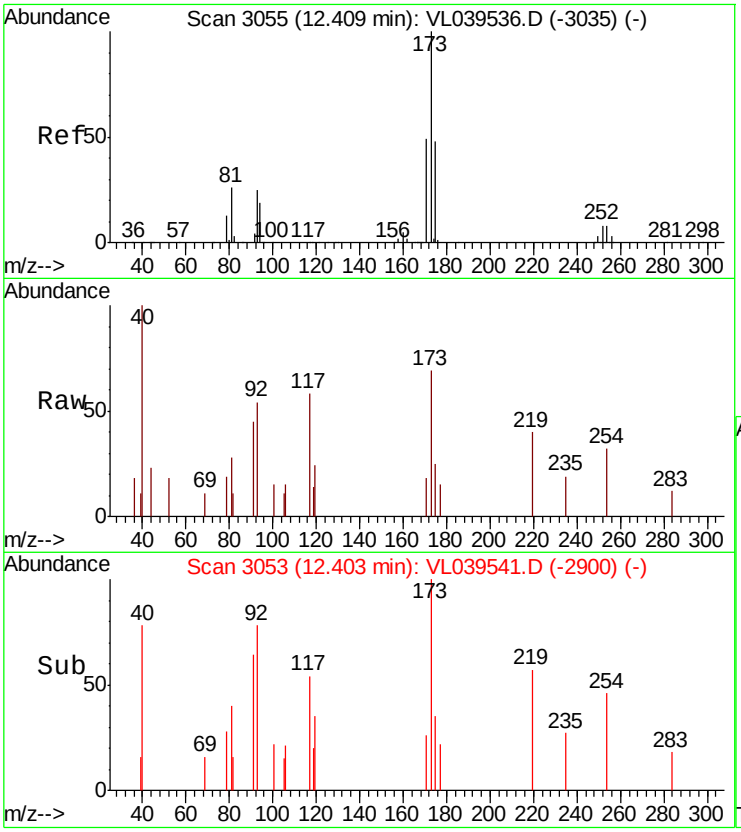


#48
Dibromochloromethane
Concen: 0.001 ppbv
RT: 9.69 min Scan# 2210
Delta R.T. -0.02 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:129 Resp: 162

Ion	Ratio	Lower	Upper
129	100		
127	53.1	38.8	116.3



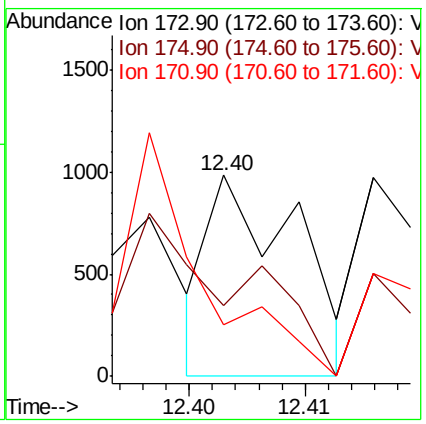


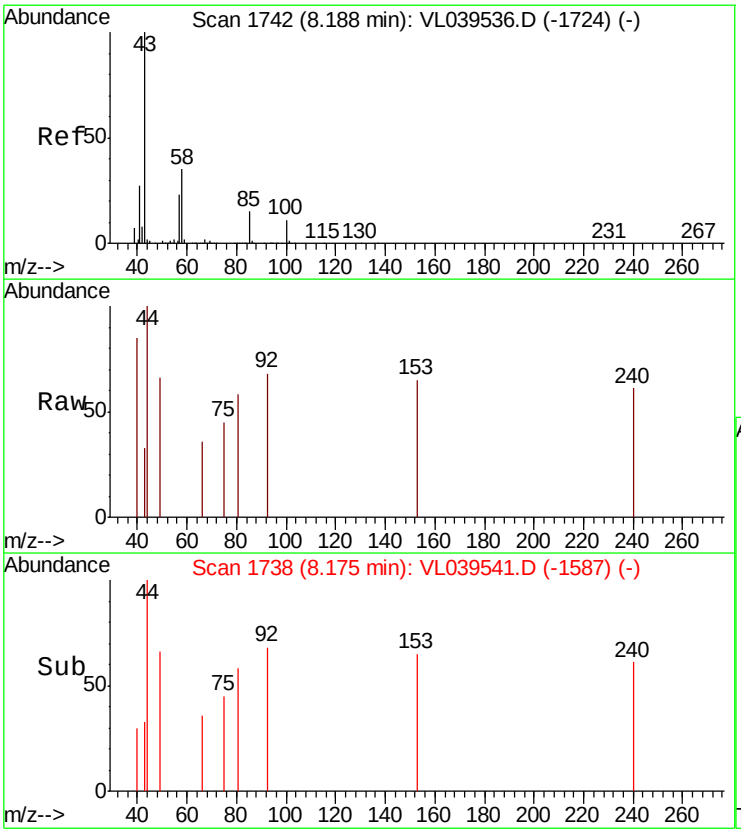
#49
Bromoform
Concen: 0.005 ppbv
RT: 12.40
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:173 Resp: 521

Ion	Ratio	Lower	Upper
173	100		
175	0.0	0.0	0.0
171	0.0	0.0	0.0

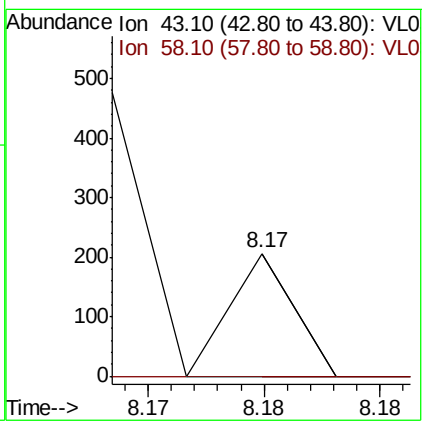


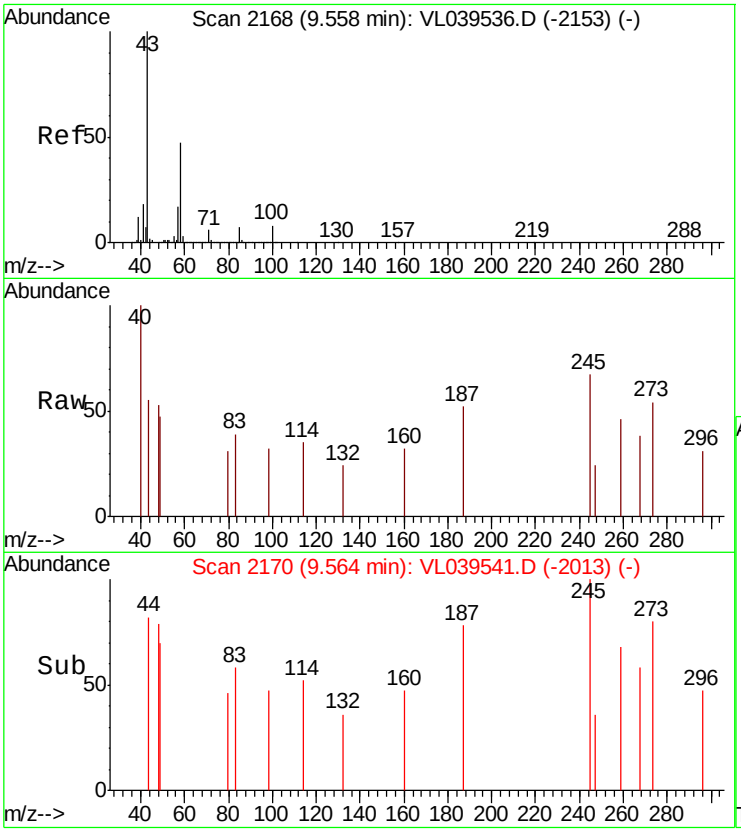


#50
4-Methyl-2-Pentanone
Concen: 0.000 ppbv
RT: 8.17 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 43 Resp: 40

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0#



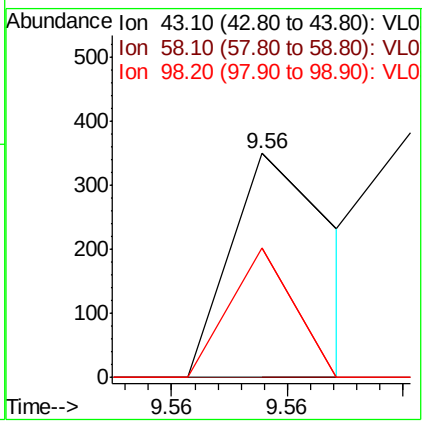


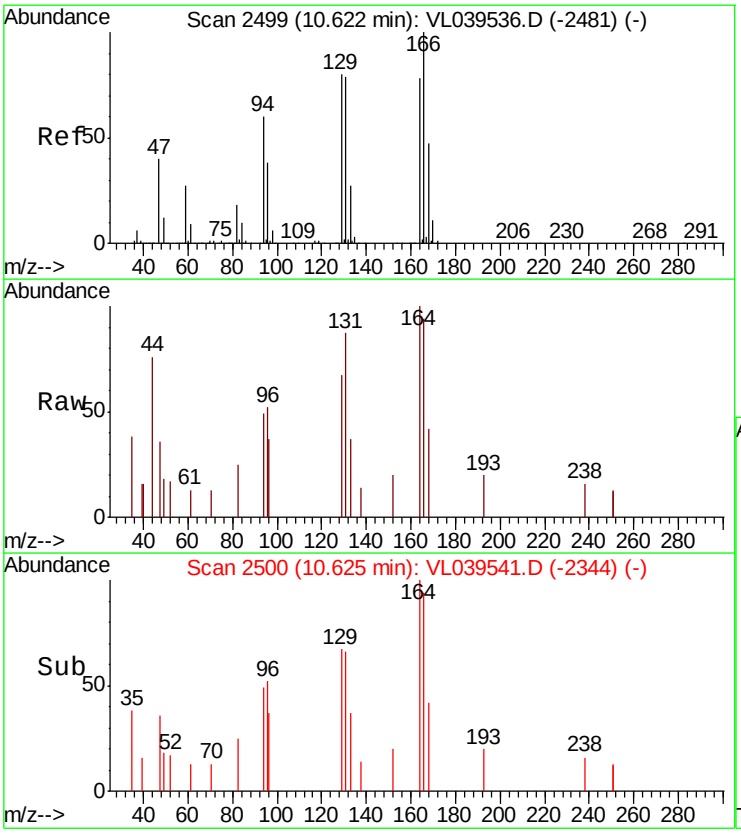
#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.56
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 43 Resp: 112

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.5	56.3#
98	0.0	0.5	0.7#

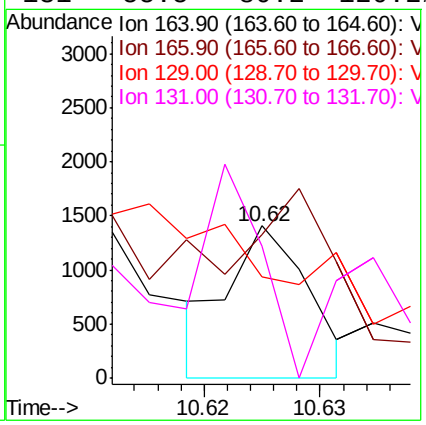


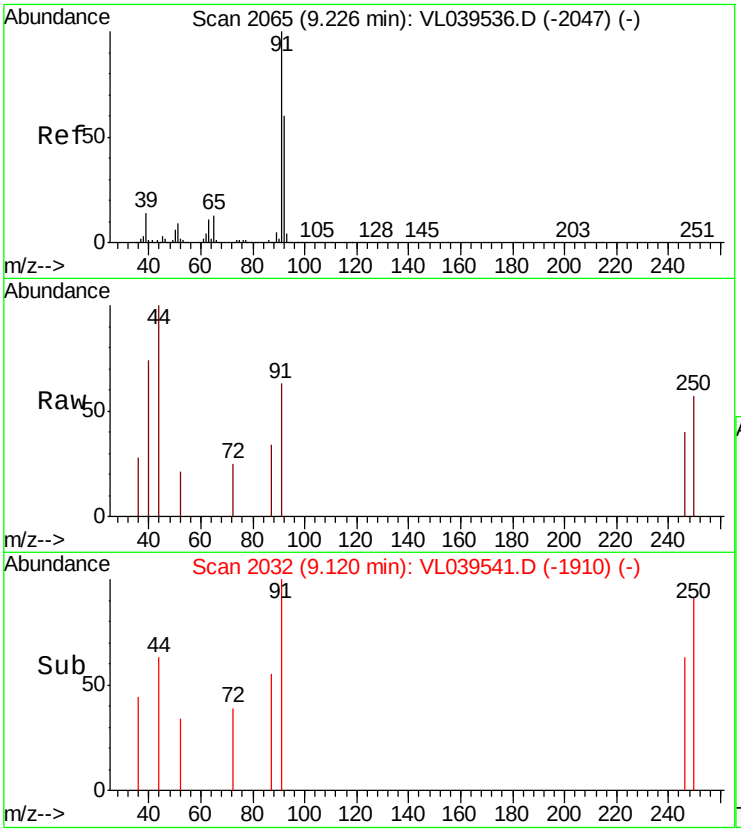


#52
Tetrachloroethene
Concen: 0.008 ppbv
RT: 10.62 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:164 Resp: 674

Ion	Ratio	Lower	Upper
164	100		
166	23.6	102.0	153.0#
129	0.0	81.7	122.5#
131	55.5	80.2	120.2#



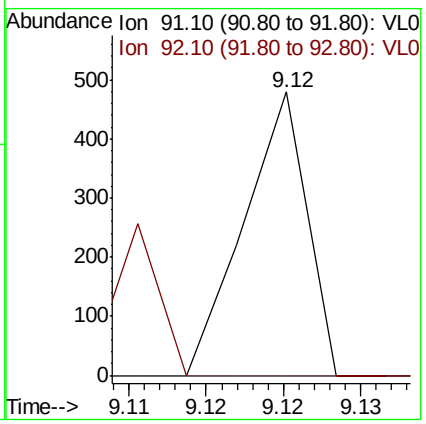


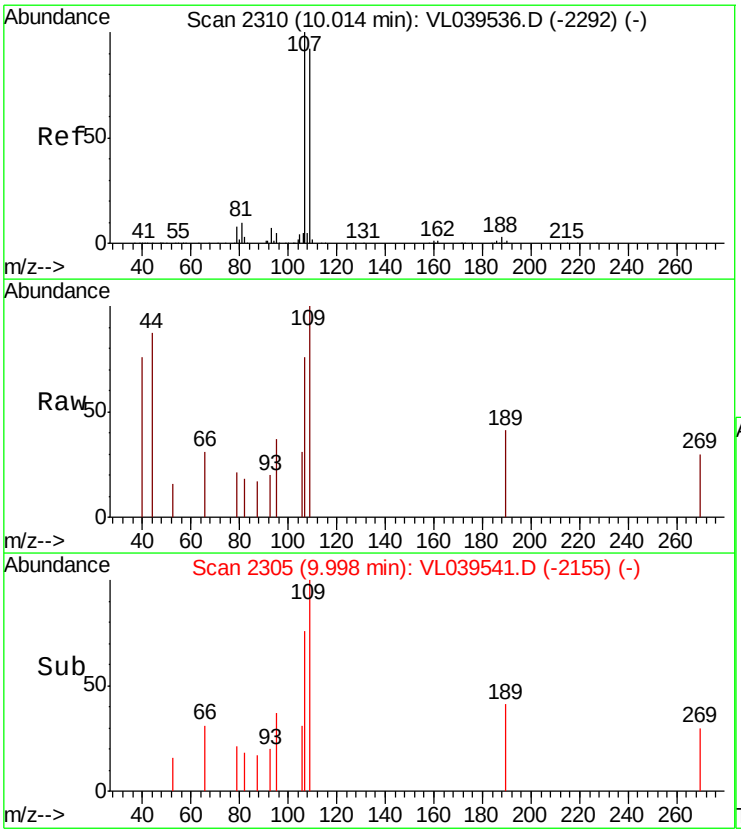
#53
Toluene
Concen: 0.001 ppbv
RT: 9.12
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 91 Resp: 135

Ion	Ratio	Lower	Upper
91	100		
92	60.7	47.9	71.9

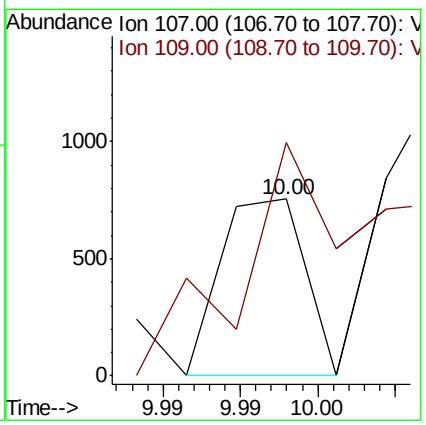


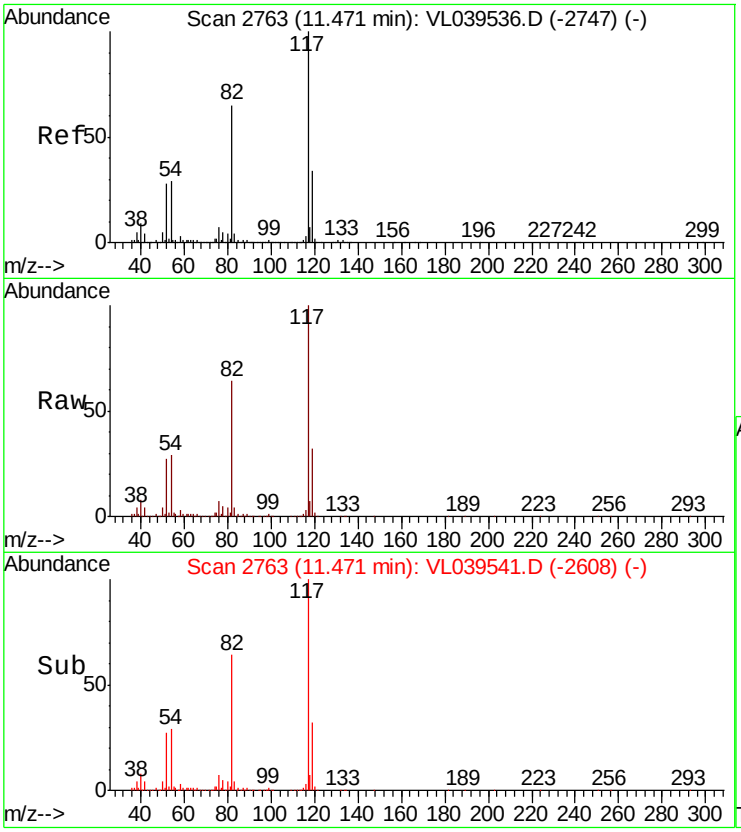


#54
1,2-Dibromoethane
Concen: 0.003 ppbv
RT: 10.00 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:107 Resp: 286

Ion	Ratio	Lower	Upper
107	100		
109	77.1	73.4	110.2



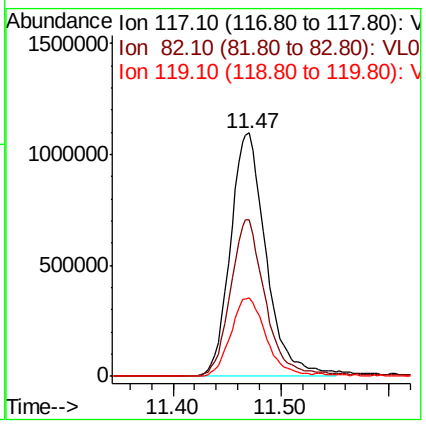


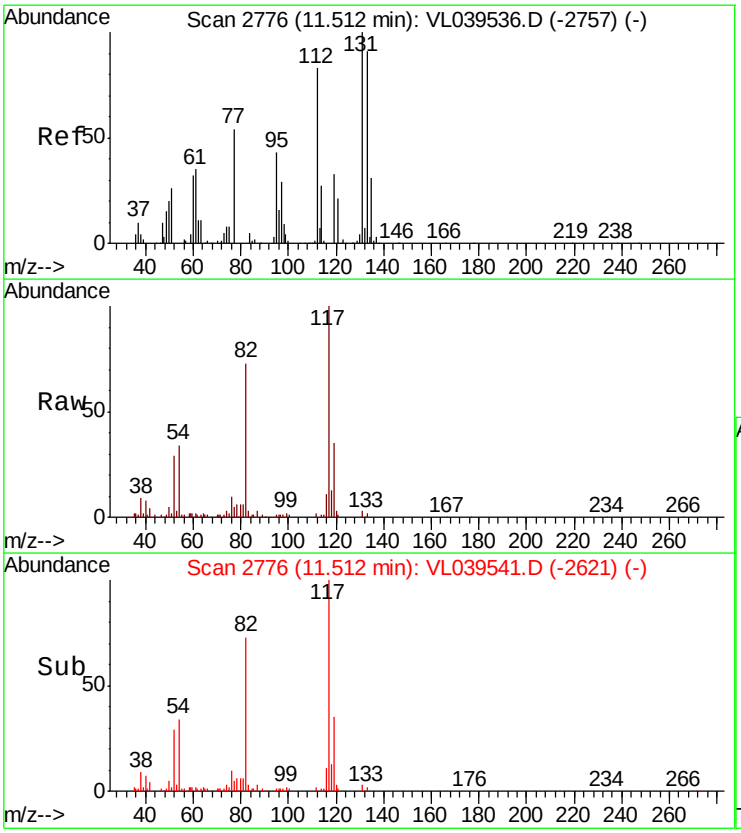
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.47
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:117 Resp: 2519919

Ion	Ratio	Lower	Upper
117	100		
82	64.4	49.1	73.7
119	33.3	25.9	38.9

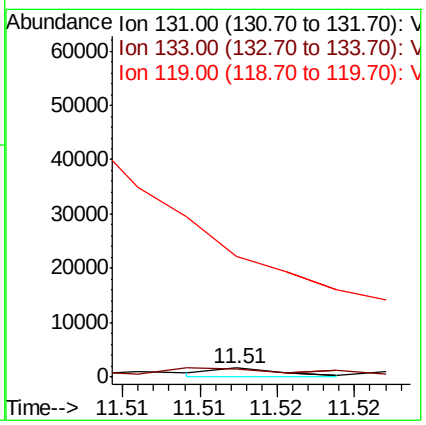


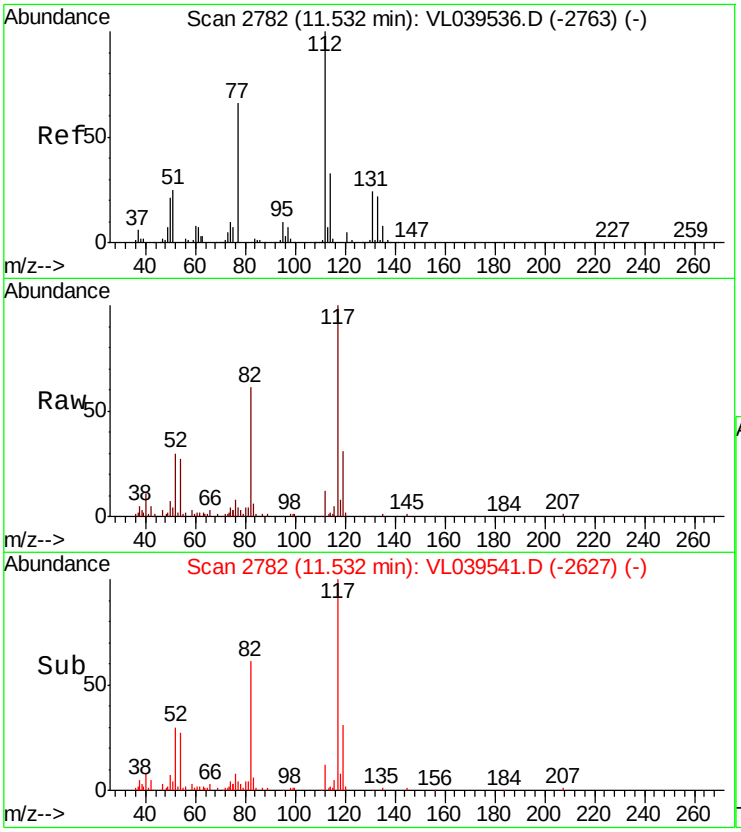


#56
1,1,1,2-Tetrachloroethane
Concen: 0.005 ppbv
RT: 11.51 min Scan# 2776
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:131 Resp: 533

Ion	Ratio	Lower	Upper
131	100		
133	558.7	75.4	113.2#
119	0.0	47.4	71.2#



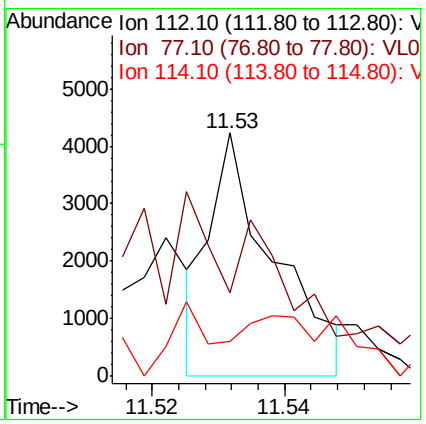


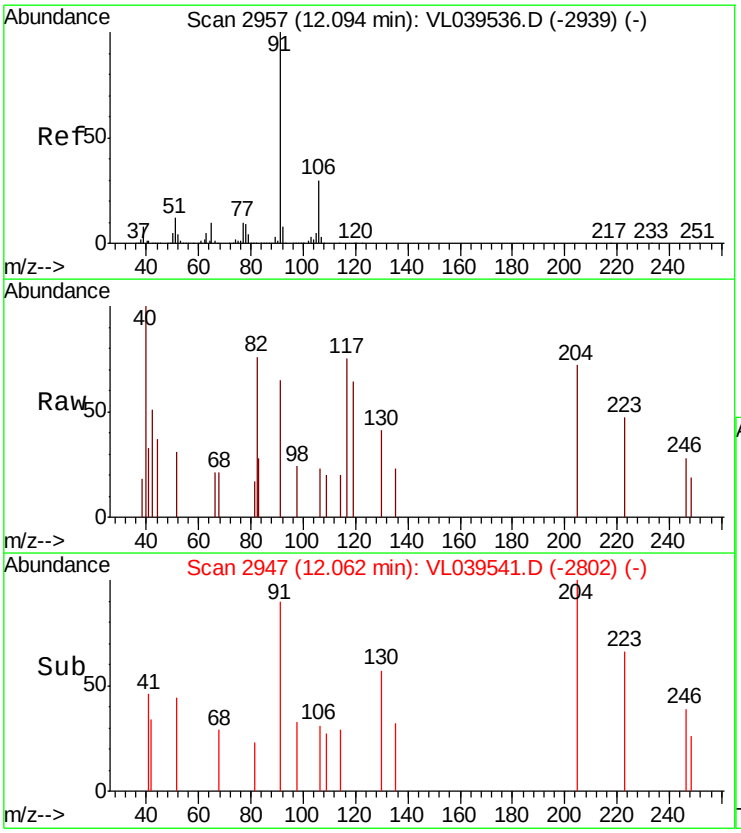
#57
Chlorobenzene
Concen: 0.015 ppbv
RT: 11.53
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:112 Resp: 2868

Ion	Ratio	Lower	Upper
112	100		
77	22.9	53.4	80.0#
114	0.0	29.5	36.1#

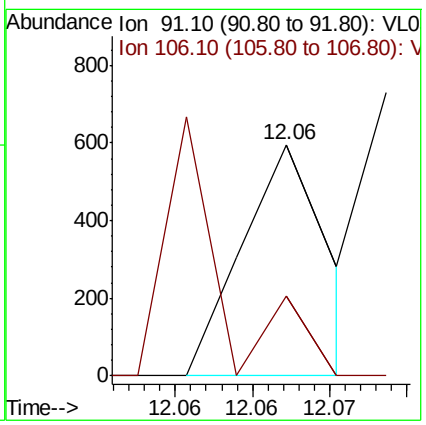


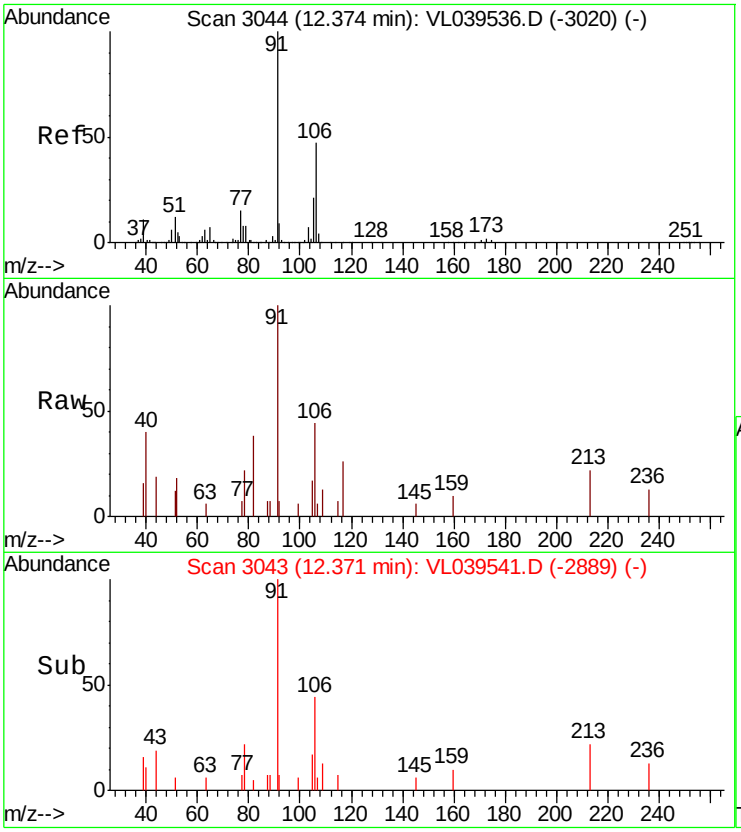


#58
Ethyl Benzene
Concen: 0.001 ppbv
RT: 12.06 min Scan# 2947
Delta R.T. -0.03 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 91 Resp: 228

Ion	Ratio	Lower	Upper
91	100		
106	34.7	24.2	36.4



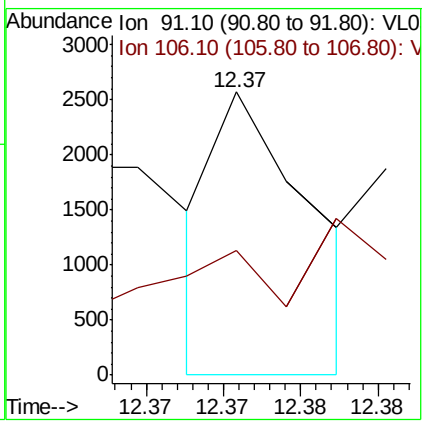


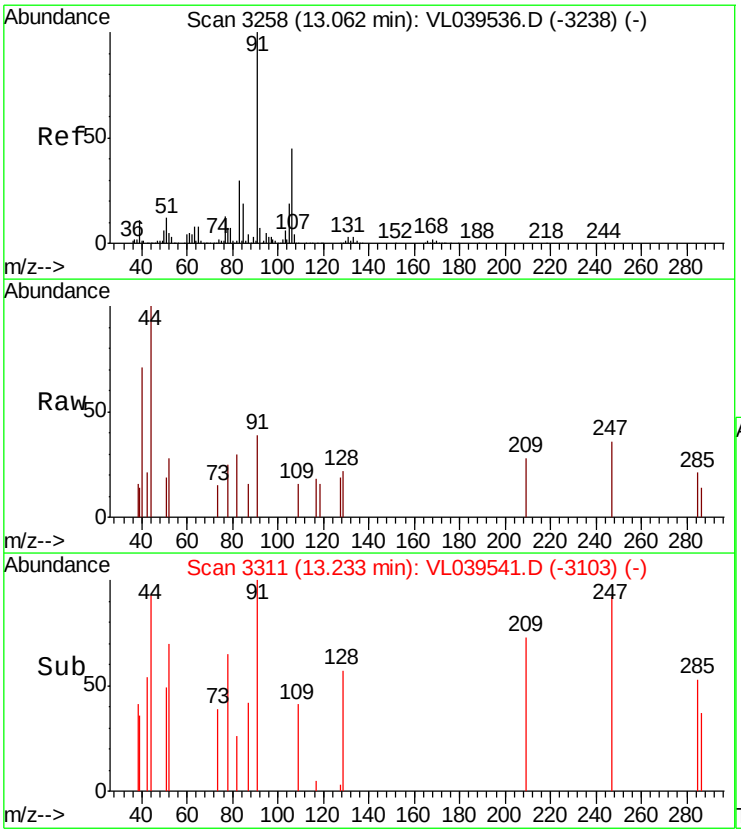
#59
m/p-Xylene
Concen: 0.004 ppbv
RT: 12.37
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 91 Resp: 1093

Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0

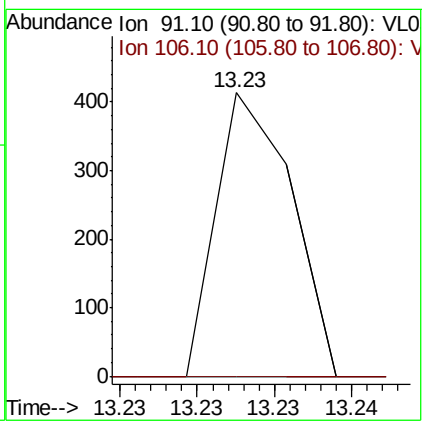


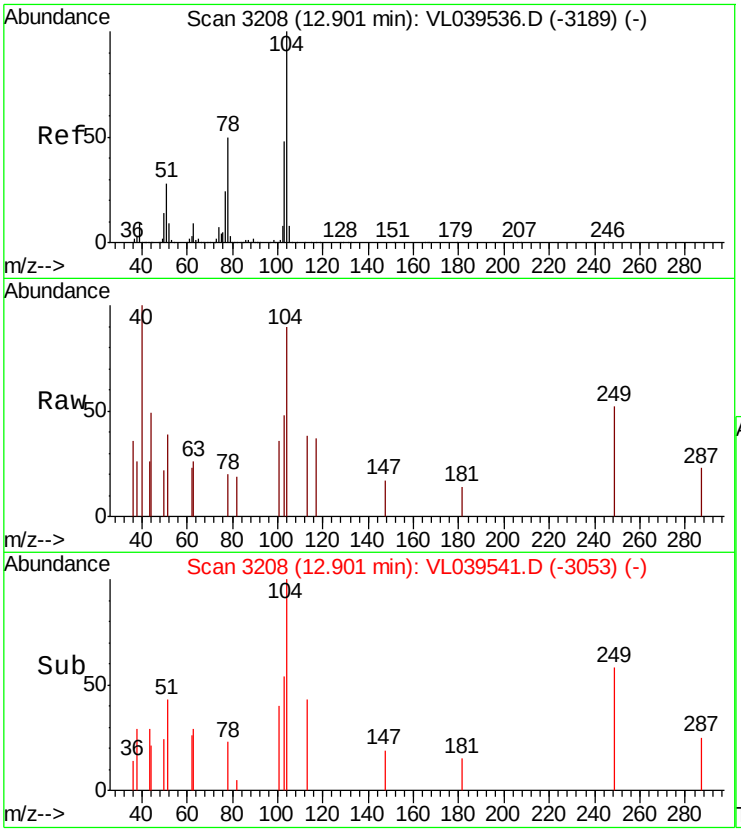


#60
o-Xylene
Concen: 0.001 ppbv
RT: 13.23 min Scan# 3311
Delta R.T. 0.17 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 91 Resp: 140

Ion	Ratio	Lower	Upper
91	100		
106	46.4	22.7	68.0



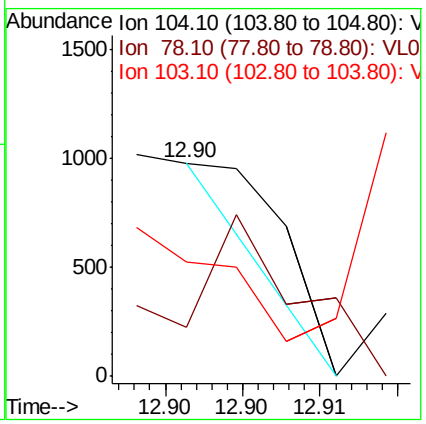


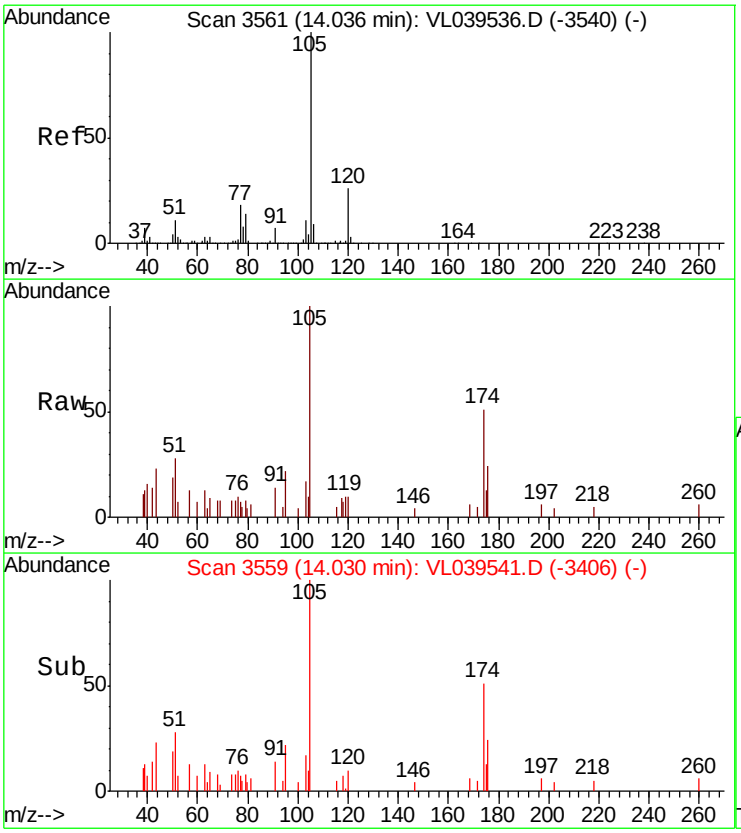
#61
Stvrene
Concen: 0.000 ppbv
RT: 12.90
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:104 Resp: 34

Ion	Ratio	Lower	Upper
104	100		
78	2005.9	40.0	60.0#
103	0.0	38.2	57.2#

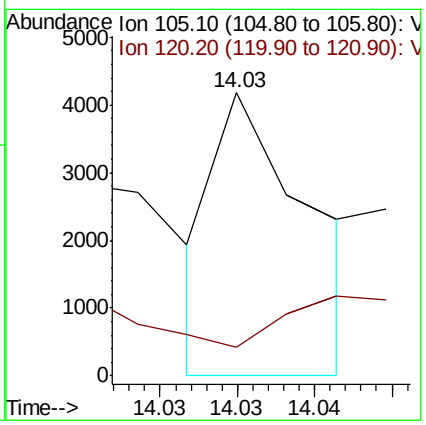


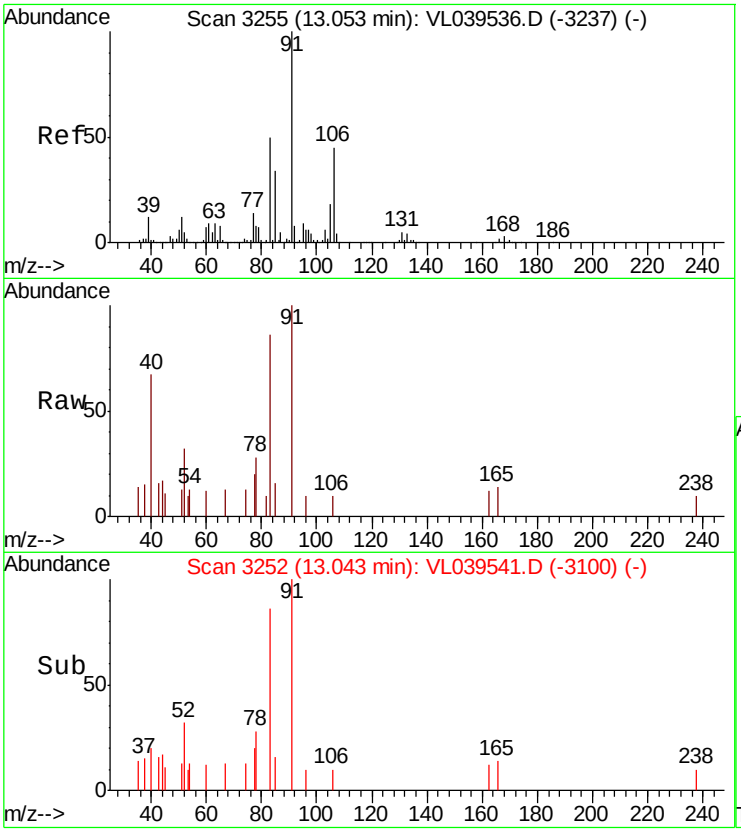


#62
Isopropylbenzene
Concen: 0.004 ppbv
RT: 14.03 min Scan# 3559
Delta R.T. -0.01 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:105 Resp: 1771

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.6	30.8#



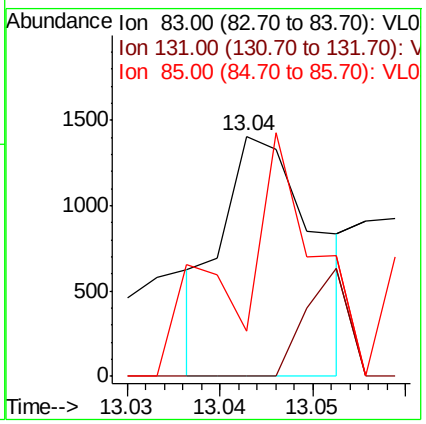


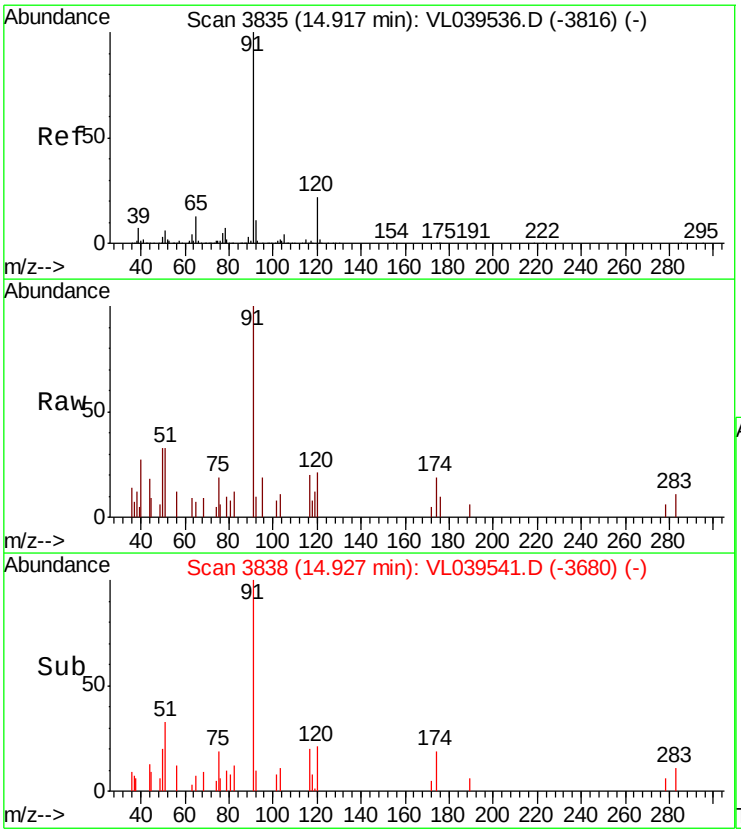
#63
1,1,2,2-Tetrachloroethane
Concen: 0.007 ppbv
RT: 13.04
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 83 Resp: 987

Ion	Ratio	Lower	Upper
83	100		
131	20.2	4.9	14.7#
85	194.8	33.2	99.6#

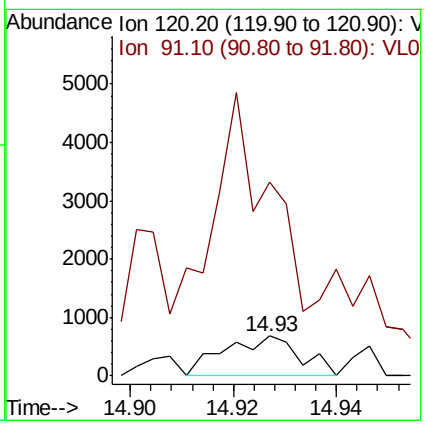


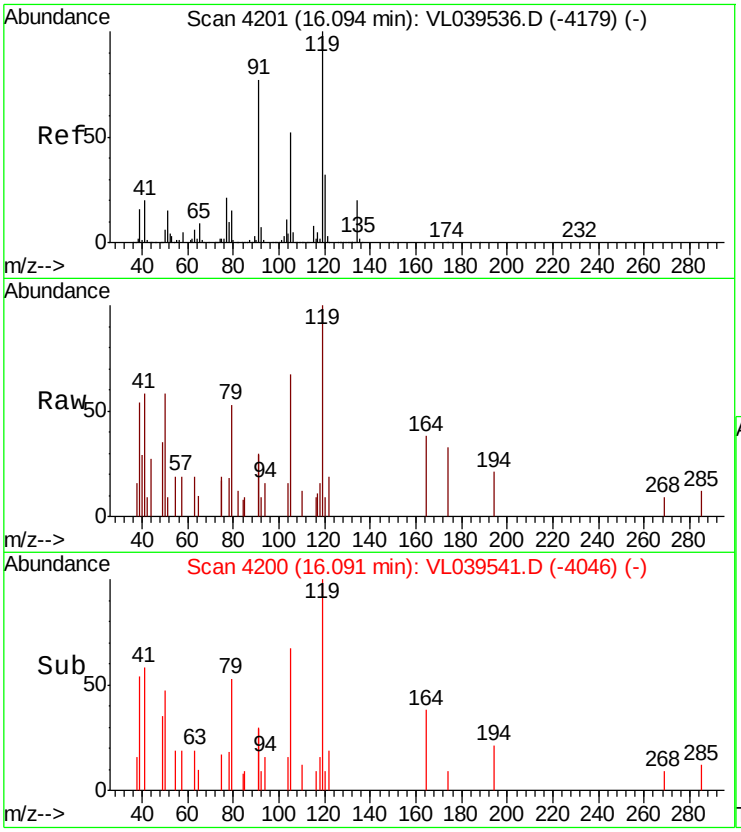


#64
n-propylbenzene
Concen: 0.007 ppbv
RT: 14.93 min Scan# 3838
Delta R.T. 0.01 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:120 Resp: 690

Ion	Ratio	Lower	Upper
120	100		
91	1235.9	372.6	559.0#



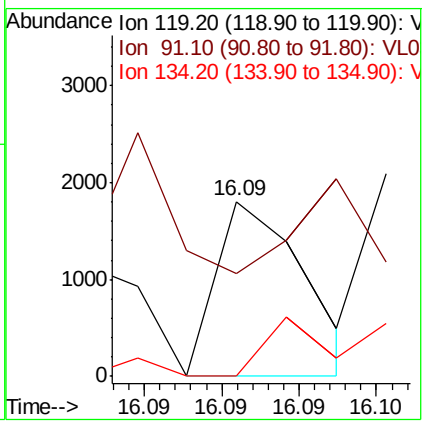


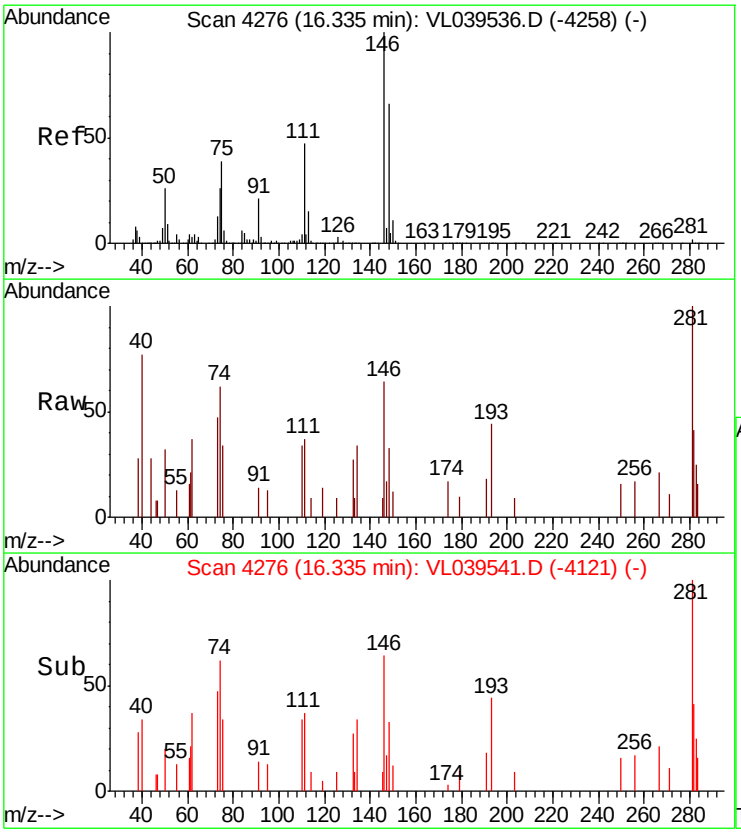
#65
tert-Butylbenzene
Concen: 0.002 ppbv
RT: 16.09
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:119 Resp: 713

Ion	Ratio	Lower	Upper
119	100		
91	0.0	63.8	95.8#
134	46.7	15.4	23.2#

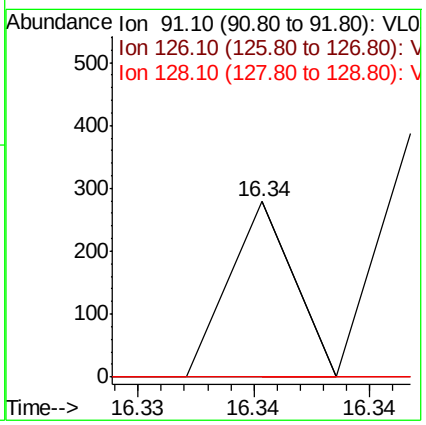


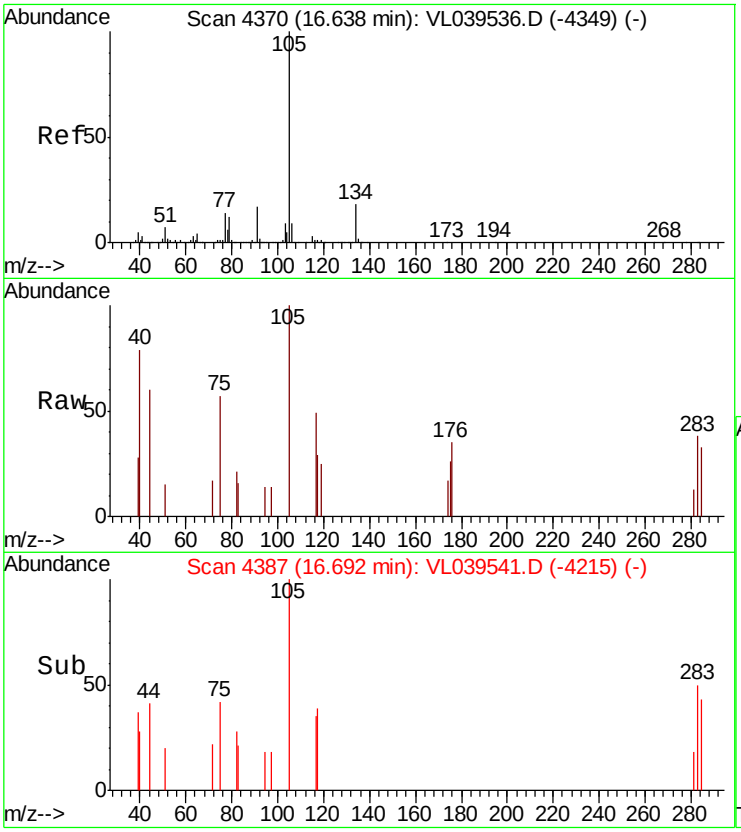


#66
Benzyl Chloride
Concen: 0.002 ppbv
RT: 16.34 min Scan# 4276
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 91 Resp: 54

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



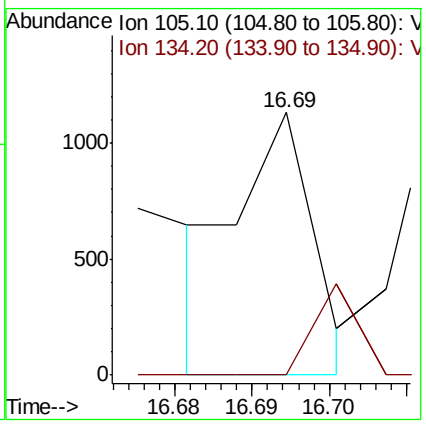


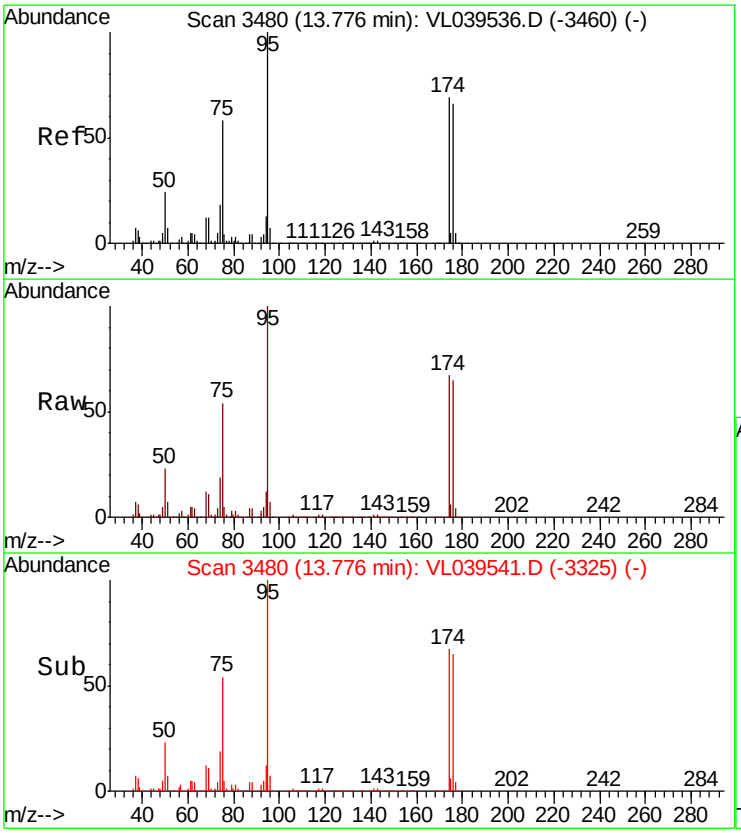
#67
sec-Butylbenzene
Concen: 0.001 ppbv
RT: 16.69
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:105 Resp: 383

Ion	Ratio	Lower	Upper
105	100		
134	19.8	14.3	21.5

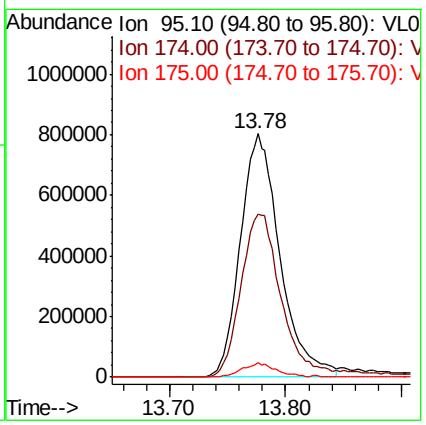


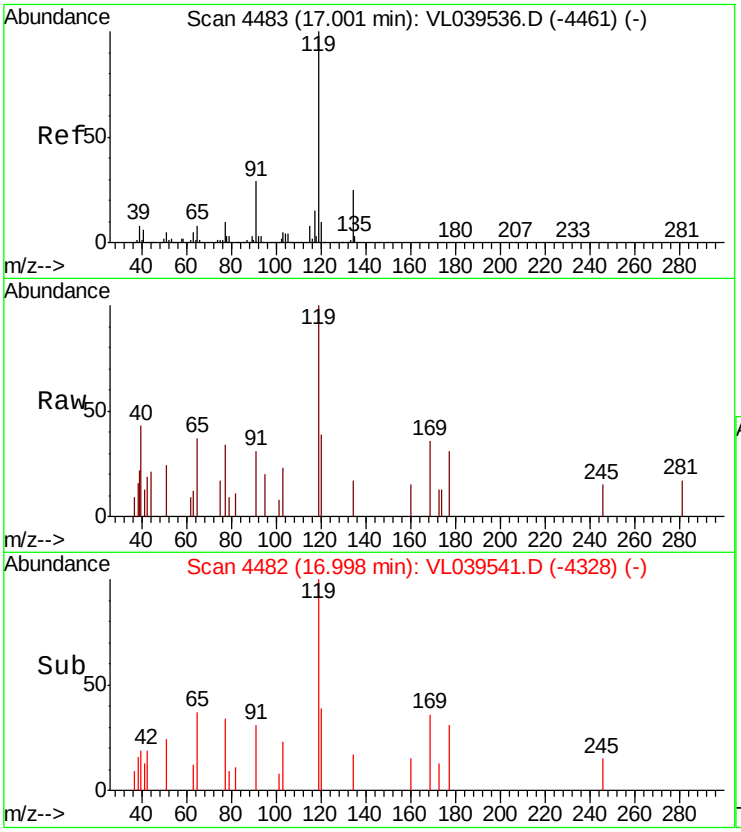


#68
1-Bromo-4-Fluorobenzene
Concen: 10.165 ppbv
RT: 13.78 min Scan# 3480
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 95 Resp: 1901927

Ion	Ratio	Lower	Upper
95	100		
174	72.9	56.3	84.5
175	5.4	4.3	6.5



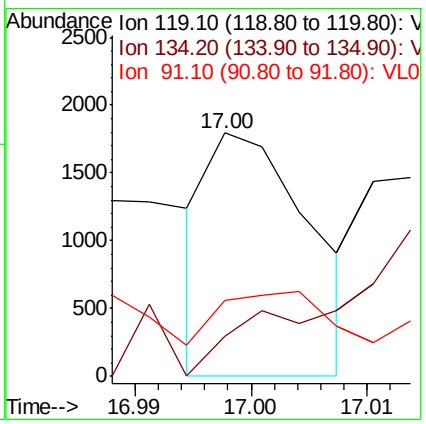


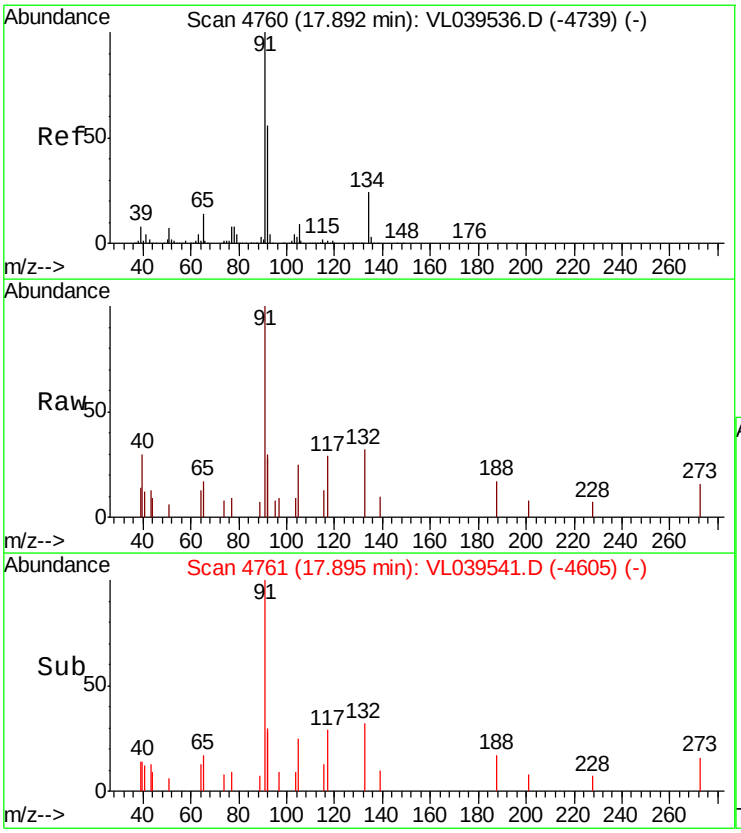
#69
p-Isopropyltoluene
Concen: 0.003 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:119 Resp: 1082

Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.8	29.6#
91	104.3	22.6	33.8#

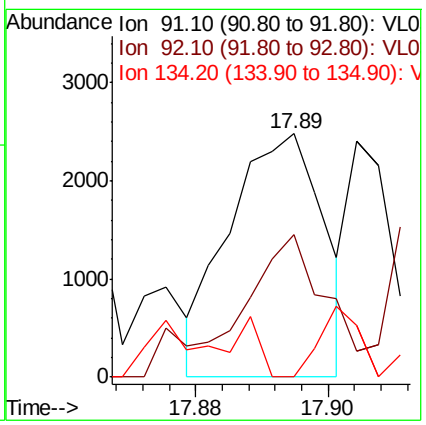


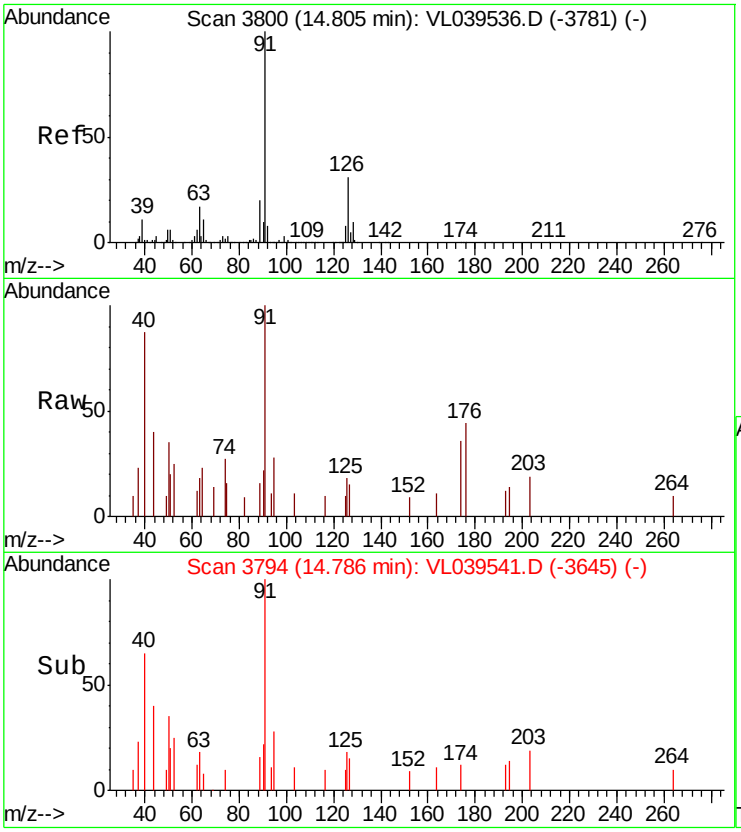


#70
n-Butylbenzene
Concen: 0.006 ppbv
RT: 17.89 min Scan# 4761
Delta R.T. 0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion: 91 Resp: 2450

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.0	64.6#
134	0.0	18.1	27.1#



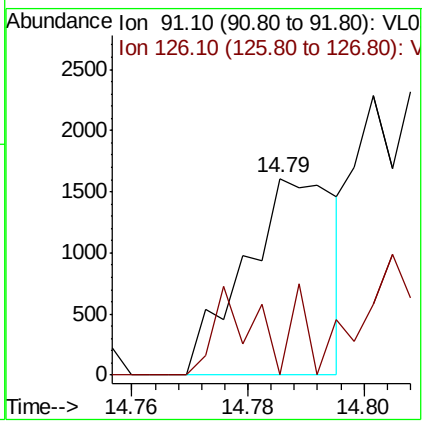


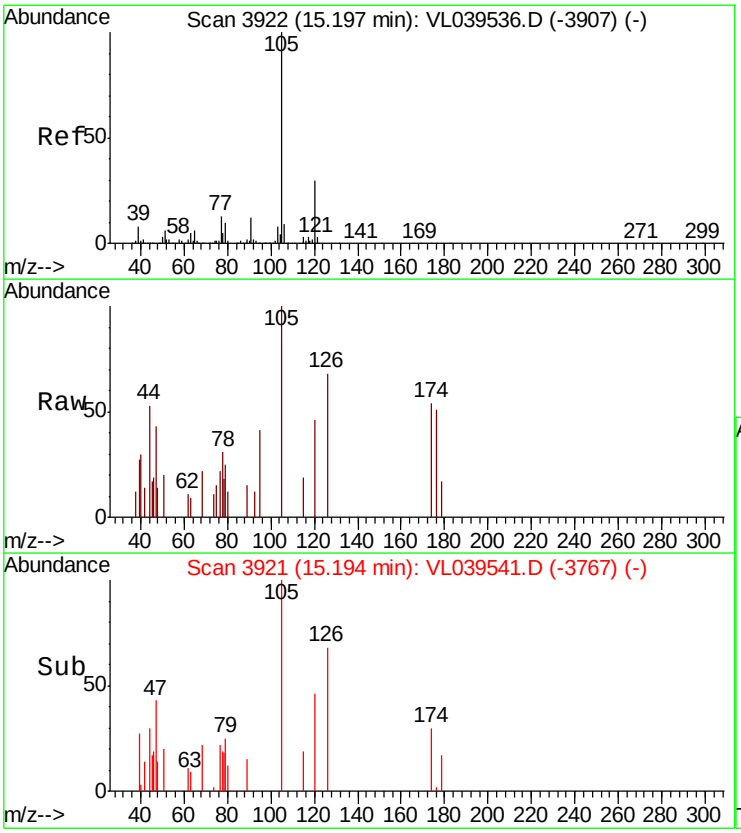
#71
2-Chlorotoluene
Concen: 0.006 ppbv
RT: 14.79
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 91 Resp: 1750

Ion	Ratio	Lower	Upper
91	100		
126	18.9	12.9	51.5

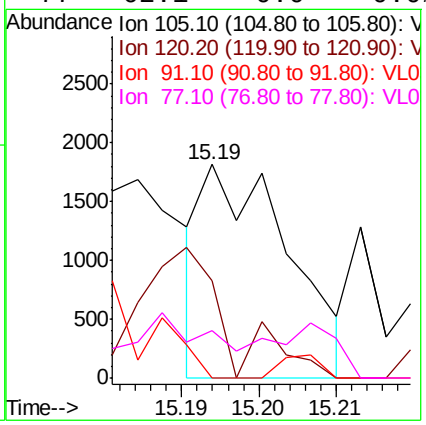


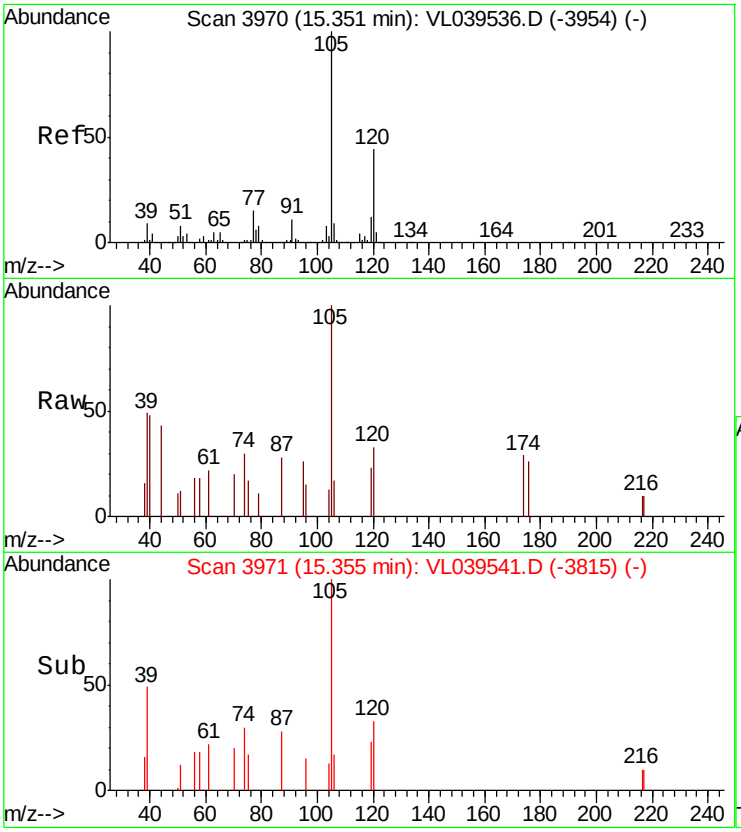


#72
4-Ethyltoluene
Concen: 0.004 ppbv
RT: 15.19 min Scan# 3921
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:105 Resp: 1410

Ion	Ratio	Lower	Upper
105	100		
120	70.6	0.0	0.0#
91	0.0	0.0	0.0
77	62.1	0.0	0.0#



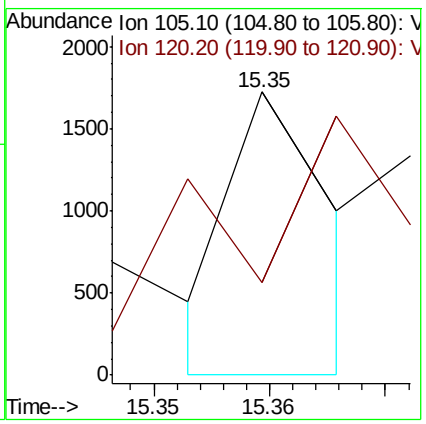


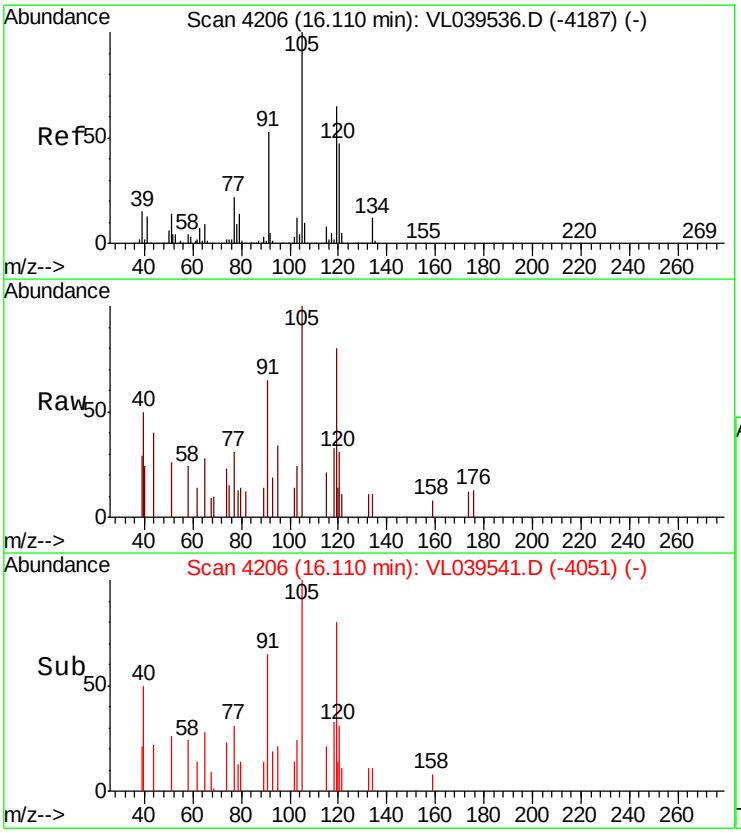
#73
1,3,5-Trimethylbenzene
Concen: 0.002 ppbv
RT: 15.35
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:105 Resp: 525

Ion	Ratio	Lower	Upper
105	100		
120	0.0	35.4	53.2#

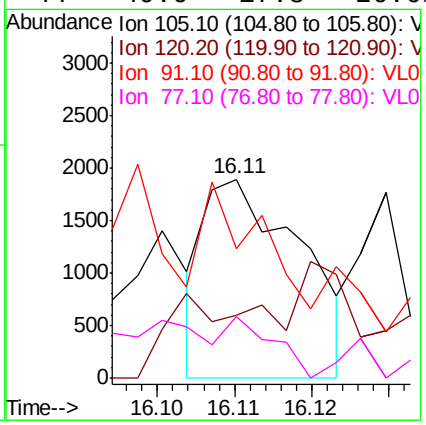


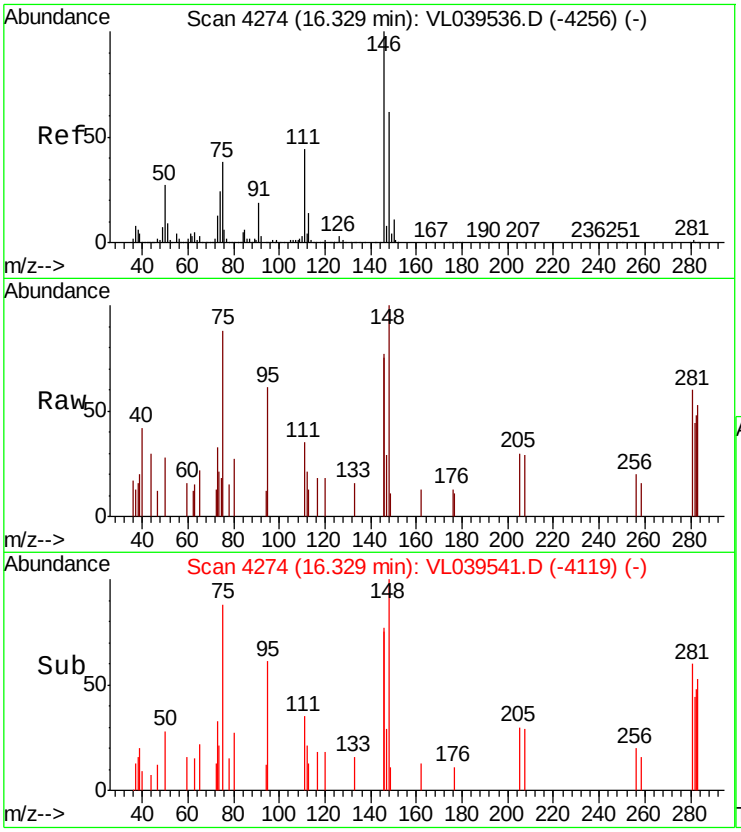


#74
1,2,4-Trimethylbenzene
Concen: 0.005 ppbv
RT: 16.11 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:105 Resp: 1644

Ion	Ratio	Lower	Upper
105	100		
120	0.0	37.8	56.8#
91	41.8	43.8	65.6#
77	49.0	17.8	26.6#



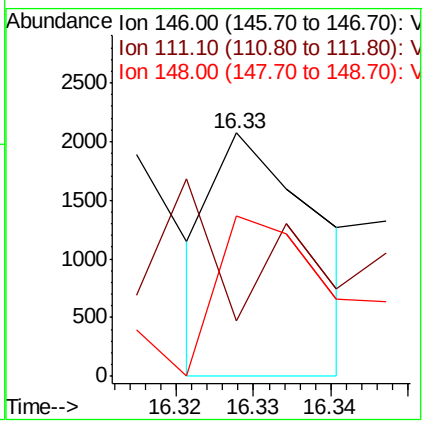


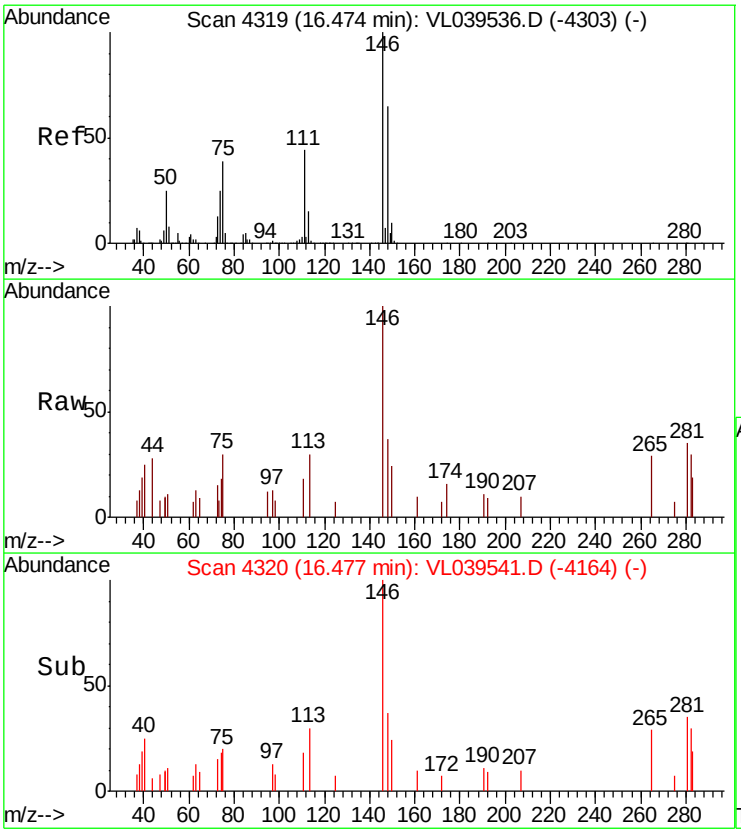
#75
1,3-Dichlorobenzene
Concen: 0.005 ppbv
RT: 16.33
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:146 Resp: 952

Ion	Ratio	Lower	Upper
146	100		
111	435.9	22.9	68.5#
148	211.2	32.4	97.0#

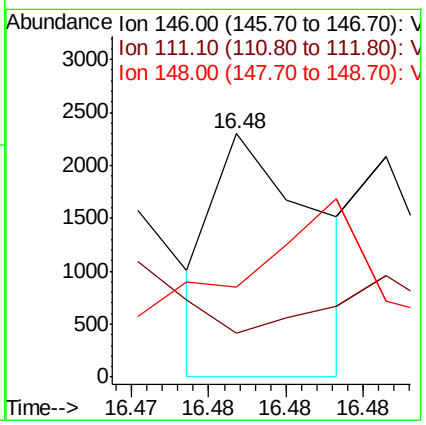


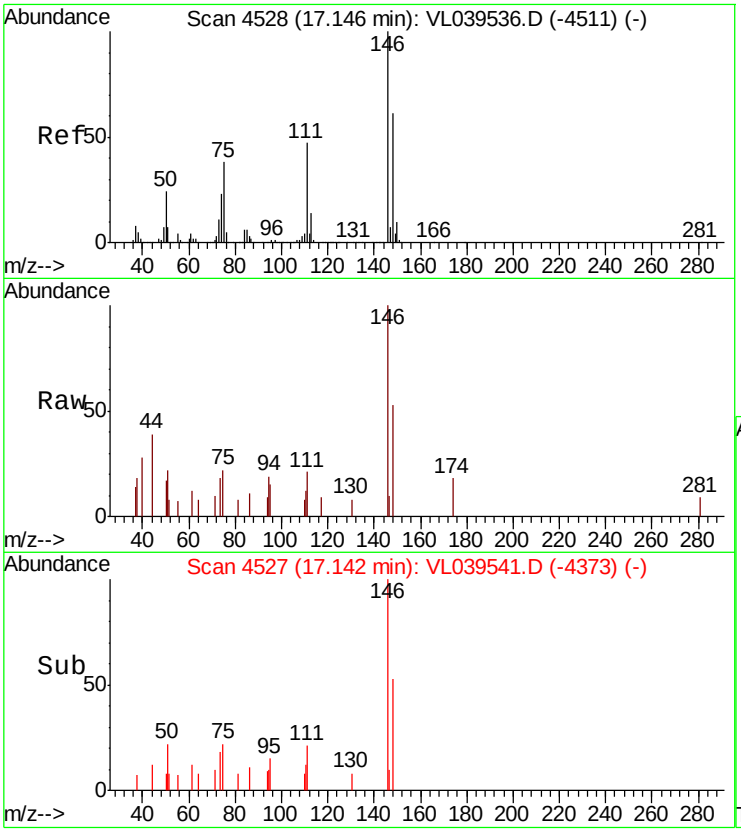


#76
1,4-Dichlorobenzene
Concen: 0.006 ppbv
RT: 16.48 min Scan# 4320
Delta R.T. 0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:146 Resp: 1060

Ion	Ratio	Lower	Upper
146	100		
111	197.6	22.3	66.8#
148	0.0	31.5	94.5#



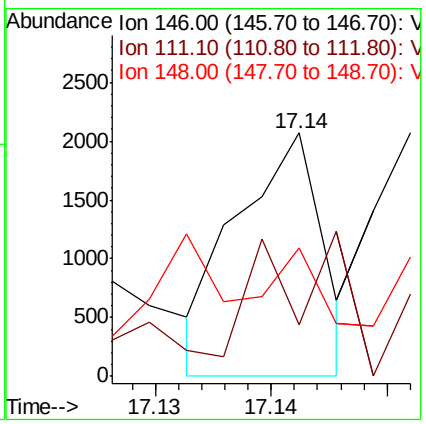


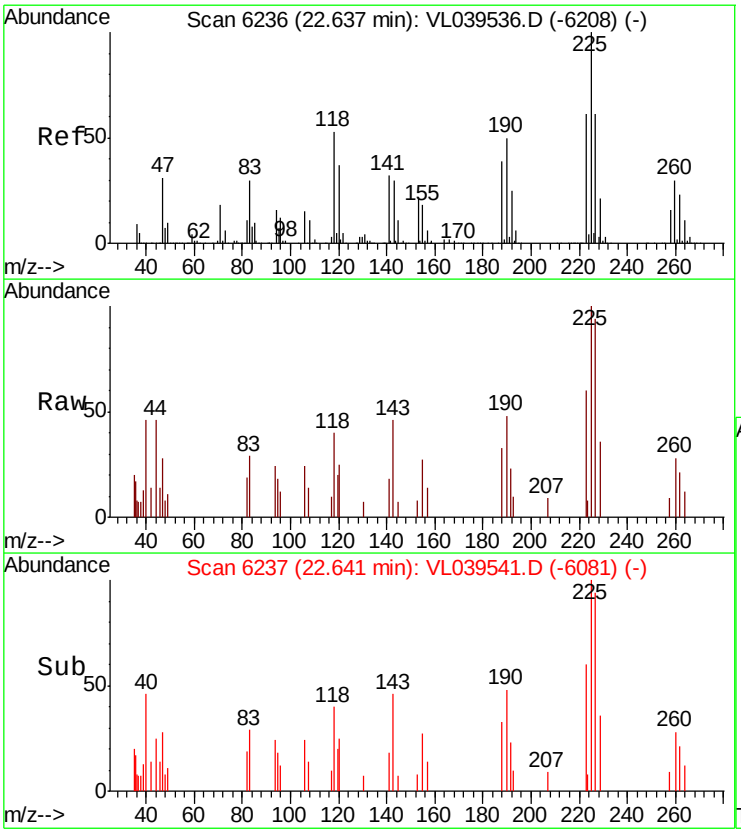
#77
1,2-Dichlorobenzene
Concen: 0.006 ppbv
RT: 17.14
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:146 Resp: 1066

Ion	Ratio	Lower	Upper
146	100		
111	179.4	23.9	71.8#
148	0.0	32.6	97.7#

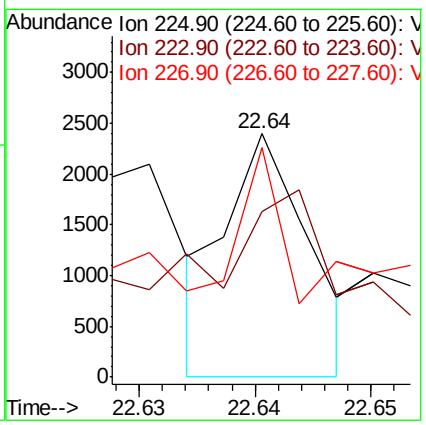


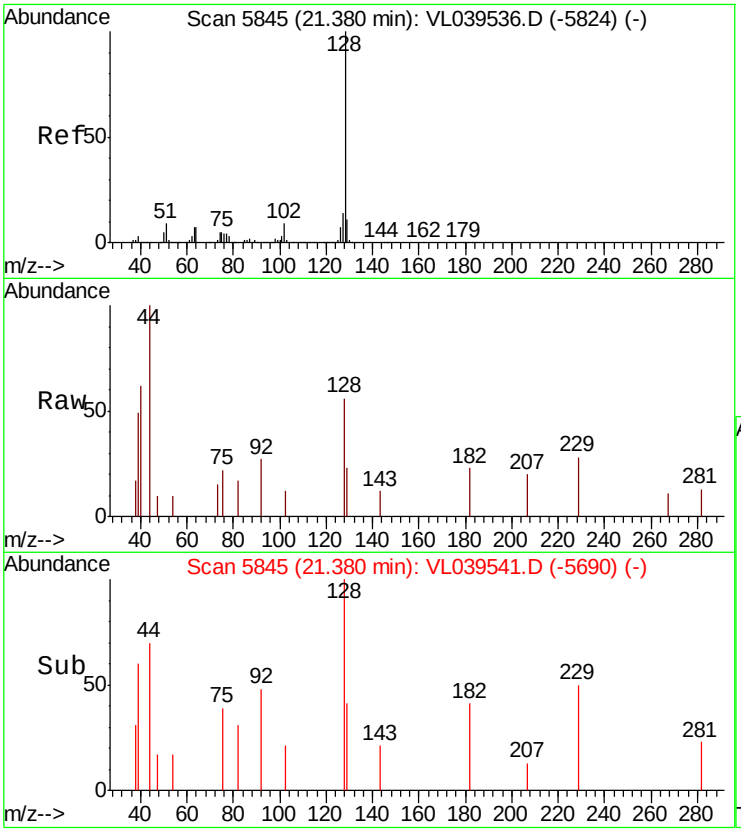


#78
Hexachloro-1,3-Butadiene
Concen: 0.008 ppbv
RT: 22.64 min Scan# 6237
Delta R.T. 0.00 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:225 Resp: 1179

Ion	Ratio	Lower	Upper
225	100		
223	303.8	0.0	0.0#
227	378.6	0.0	0.0#



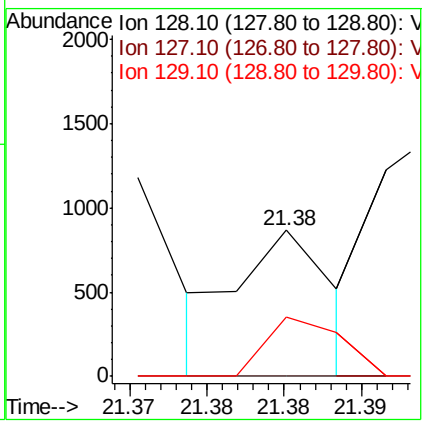


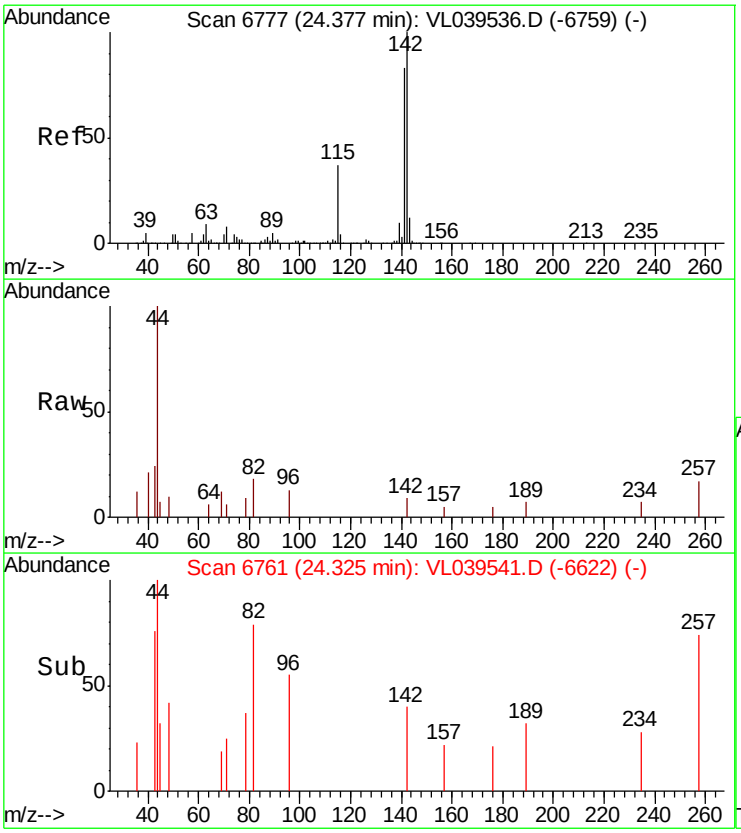
#79
Naphthalene
Concen: 0.002 ppbv
RT: 21.38
Delta R.T
Lab File:
Acq: 17 Aug 2022 6:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:128 Resp: 366

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	95.2	9.1	13.7#

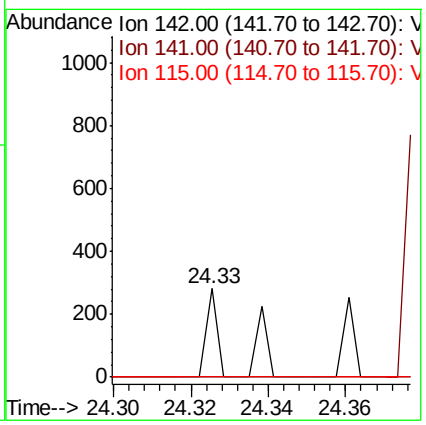


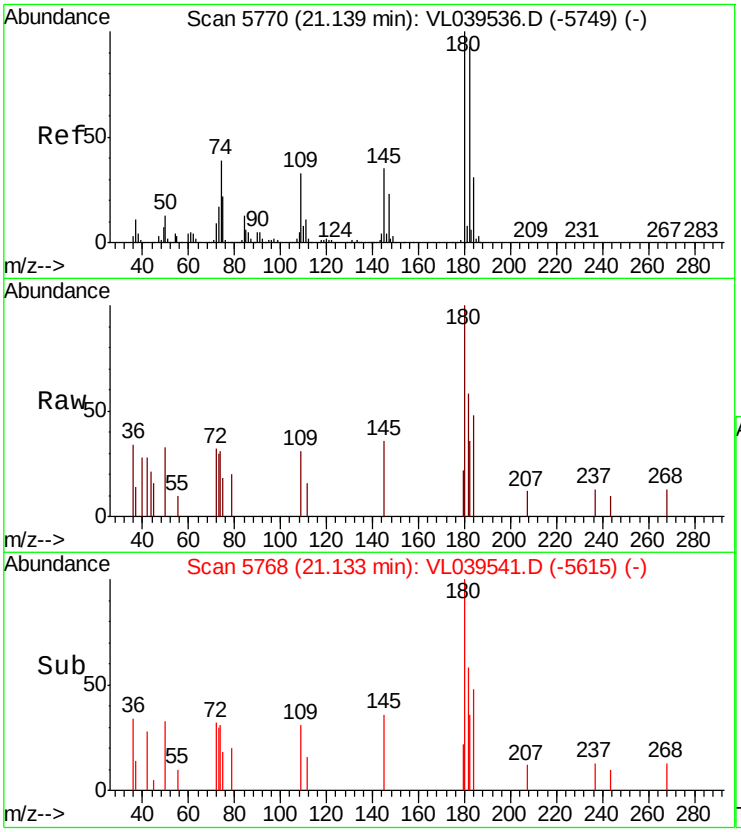


#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 24.33 min Scan# 6761
Delta R.T. -0.05 min
Lab File: VL039541.D
Acq: 17 Aug 2022 6:51

Tgt Ion:142 Resp: 98

Ion	Ratio	Lower	Upper
142	100		
141	152.0	0.0	0.0#
115	0.0	0.0	0.0





#81
1,2,4-Trichlorobenzene
Concen: 0.004 ppbv
RT: 21.13
Delta R.T
Lab File:
Acq: 17 Aug 2022 8:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:180 Resp: 612

Ion	Ratio	Lower	Upper
180	100		
182	0.0	0.0	0.0
184	59.3	0.0	0.0#