Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051722\
Data File : VL039075.D
Acq On : 17 May 2022 18:59
Operator : SY/AP
Sample : N2854-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 1161-8.01-IA-2DUP

Quant Time: May 18 01:50:16 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	875486	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.19	114	2038443	10.00	ppbv		0.02
55) Chlorobenzene-d5	12.09	117	1719744	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	1415028	10.39	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	42064	0.307	ppbv		98
3) Chlorodifluoromethane	3.00	51	720800	6.635	ppbv	#	86
4) Chloromethane	3.15	50	30508	0.561	ppbv	#	86
5) Vinyl Chloride	3.15	62	43	0.001	ppbv	#	44
6) Bromomethane	3.49	94	650	0.028	ppbv	#	1
7) Chloroethane	3.56	64	141	0.008	ppbv	#	45
8) Dichlorotetrafluoroethane	3.20	85	905	0.007	ppbv	#	1
9) Propene	3.22	41	1496781	31.550	ppbv		92
10) Heptane	8.14	43	117594	1.010	ppbv		97
11) Trichlorofluoromethane	3.96	101	30807	0.262	ppbv		84
12) 1,1,2-Trichlorotrifluoroet	4.50	101	1627	0.020	ppbv	#	1
13) Ethanol	3.61	45	1744310	519.543	ppbv		90
15) Acetone	3.86	43	2675723	32.400	ppbv		92
16) 1,3-Butadiene	3.32	39	18006	0.379	ppbv	#	37
17) tert-Butyl alcohol	4.32	59	63303	0.997	ppbv	#	70
18) 1,1-Dichloroethene	4.41	96	51	0.001	ppbv	#	1
19) Isopropyl Alcohol	3.98	45	1291201	32.884	ppbv	#	96
20) Methylene Chloride	4.36	84	133897	4.302	ppbv		97
21) Allyl Chloride	4.38	41	35657	0.634	ppbv	#	27
22) trans-1,2-Dichloroethene	4.89	96	85	0.002	ppbv	#	1
23) Vinyl Acetate	5.07	43	169087	2.588	ppbv	#	16
24) 1,1-Dichloroethane	5.01	63	246	0.003	ppbv	#	89
25) Ethyl Acetate	5.70	43	356017	1.801	ppbv	#	86
26) Hexane	5.70	57	439579	5.005	ppbv	#	44
27) Carbon Disulfide	4.57	76	858	0.010	ppbv	#	63
28) Methyl tert-Butyl Ether	5.05	73	586	0.009	ppbv	#	52
29) Chloroform	5.76	83	57392	0.404	ppbv		98
30) Cyclohexane	7.14	84	33331	0.453	ppbv		92
31) cis-1,2-Dichloroethene	5.57	61	231	0.003	ppbv	#	50
32) 1,1,1-Trichloroethane	6.53	97	62	0.000	ppbv	#	22
34) 2-Butanone	5.26	43	414964	3.990	ppbv		100
35) Carbon Tetrachloride	7.03	117	2730	0.020	ppbv	#	40
36) Benzene	6.90	78	195645	1.122	ppbv		96
37) 1,2-Dichloroethane	6.32	62	9241	0.086	ppbv	#	75
38) Trichloroethene	7.85	130	539	0.007	ppbv	#	52
39) 1,2-Dichloropropane	7.18	63	565875	8.337	ppbv	#	26
40) 1,4-Dioxane	7.85	88	109	0.004	ppbv	#	1
41) Tetrahydrofuran	6.06	42	190636	2.727	ppbv		97
42) Bromodichloromethane	7.81	83	4570	0.031	ppbv	#	41
43) Methyl Methacrylate	8.02	69	1408	0.020	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.88	57	434053	1.418	ppbv	#	89

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051722\
Data File : VL039075.D
Acq On : 17 May 2022 18:59
Operator : SY/AP
Sample : N2854-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 1161-8.01-IA-2DUP

Quant Time: May 18 01:50:16 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) t-1,3-Dichloropropene	9.28	75	141	0.002	ppbv	#	44
46) cis-1,3-Dichloropropene	8.71	75	104	0.001	ppbv	#	60
47) 1,1,2-Trichloroethane	9.49	97	129	0.002	ppbv	#	14
48) Dibromochloromethane	9.97	129	57	0.000	ppbv		80
50) 4-Methyl-2-Pentanone	8.76	43	103834	0.569	ppbv		96
51) 2-Hexanone	10.14	43	2012	0.015	ppbv	#	28
52) Tetrachloroethene	11.24	164	4877	0.078	ppbv	#	68
53) Toluene	9.82	91	1667149	8.527	ppbv		100
54) 1,2-Dibromoethane	10.63	107	78	0.001	ppbv	#	3
56) 1,1,1,2-Tetrachloroethane	12.28	131	37	0.000	ppbv	#	1
57) Chlorobenzene	12.15	112	389	0.003	ppbv	#	42
58) Ethyl Benzene	12.72	91	372439	1.505	ppbv		92
59) m/p-Xylene	13.00	91	263150	1.245	ppbv	#	33
60) o-Xylene	13.70	91	385282	1.937	ppbv		96
61) Styrene	13.54	104	2730	0.026	ppbv	#	1
62) Isopropylbenzene	14.68	105	3177	0.011	ppbv	#	49
63) 1,1,2,2-Tetrachloroethane	13.68	83	58	0.000	ppbv	#	24
64) n-propylbenzene	15.84	120	4414	0.063	ppbv		73
65) tert-Butylbenzene	16.75	119	4497	0.018	ppbv	#	15
66) Benzyl Chloride	17.00	91	440	0.013	ppbv	#	70
67) sec-Butylbenzene	17.31	105	2097	0.006	ppbv	#	60
69) p-Isopropyltoluene	17.66	119	9703	0.033	ppbv	#	28
70) n-Butylbenzene	18.56	91	3476	0.011	ppbv	#	33
71) 2-Chlorotoluene	15.09	91	544	0.002	ppbv		91
72) 4-Ethyltoluene	15.85	105	106813	0.471	ppbv	#	93
73) 1,3,5-Trimethylbenzene	16.01	105	25728	0.126	ppbv		90
74) 1,2,4-Trimethylbenzene	16.77	105	145396	0.651	ppbv	#	67
75) 1,3-Dichlorobenzene	17.01	146	232	0.002	ppbv	#	1
76) 1,4-Dichlorobenzene	17.14	146	1192	0.010	ppbv	#	1
77) 1,2-Dichlorobenzene	17.83	146	131	0.001	ppbv	#	1
78) Hexachloro-1,3-Butadiene	23.39	225	165	0.001	ppbv	#	1
79) Naphthalene	22.21	128	10309	0.057	ppbv	#	89
80) Naphthalene,2-methyl-	24.98	142	951	0.017	ppbv	#	52
81) 1,2,4-Trichlorobenzene	21.94	180	139	0.001	ppbv	#	11

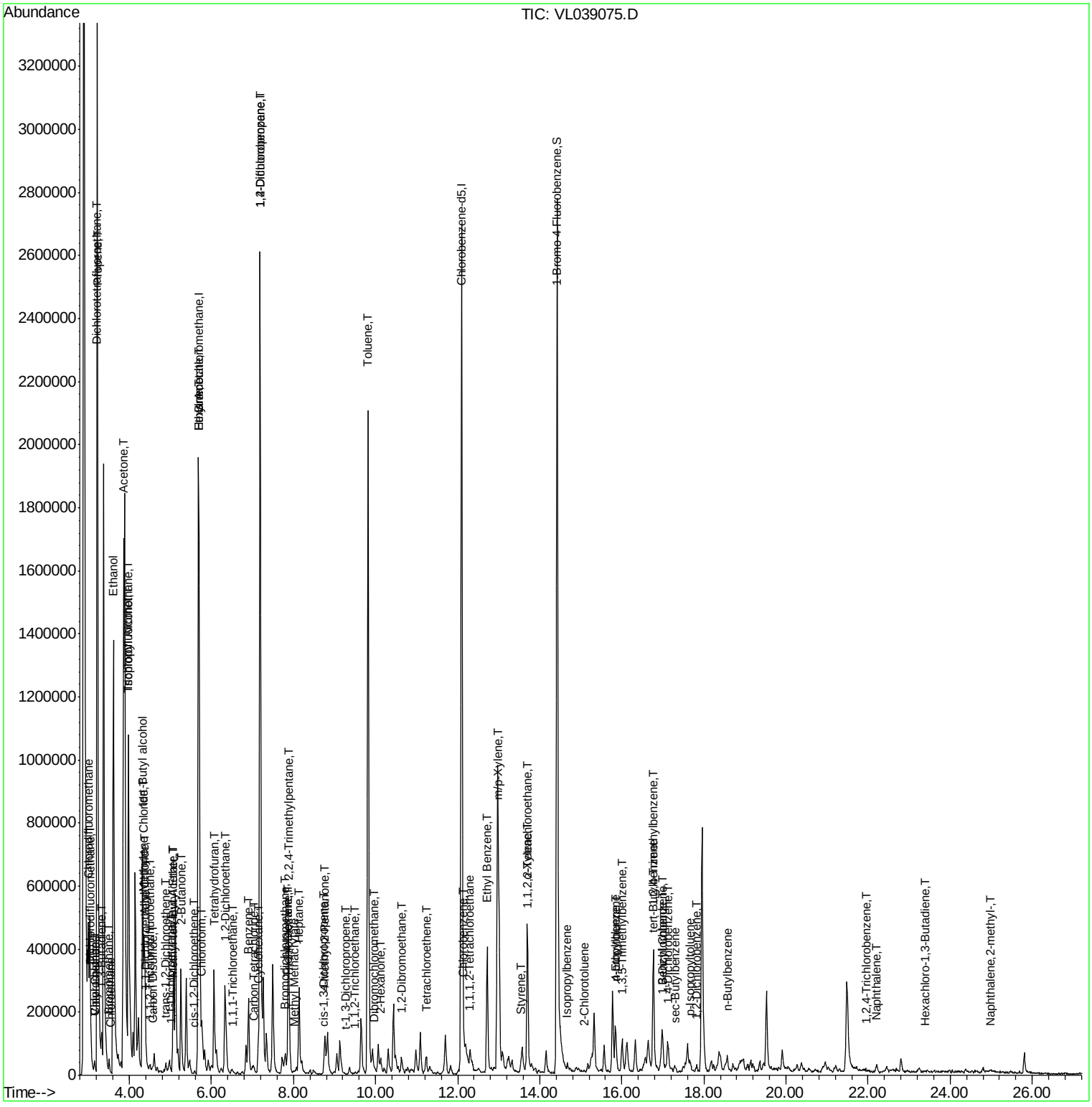
(#) = qualifier out of range (m) = manual integration (+) = signals summed

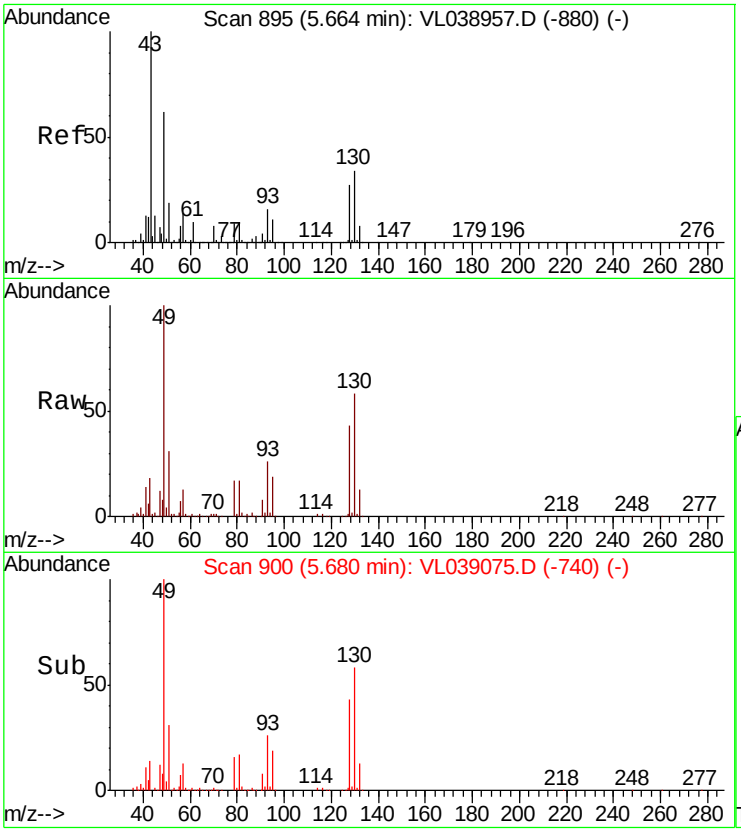
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051722\
Data File : VL039075.D
Acq On : 17 May 2022 18:59
Operator : SY/AP
Sample : N2854-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Quant Time: May 18 01:50:16 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration



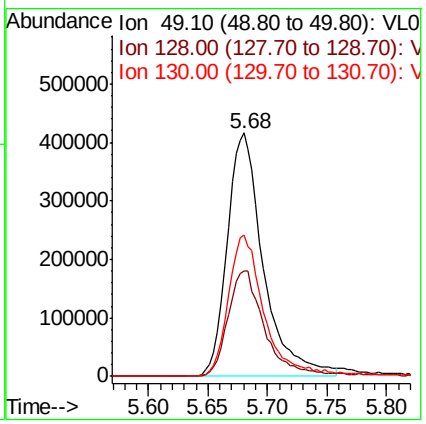


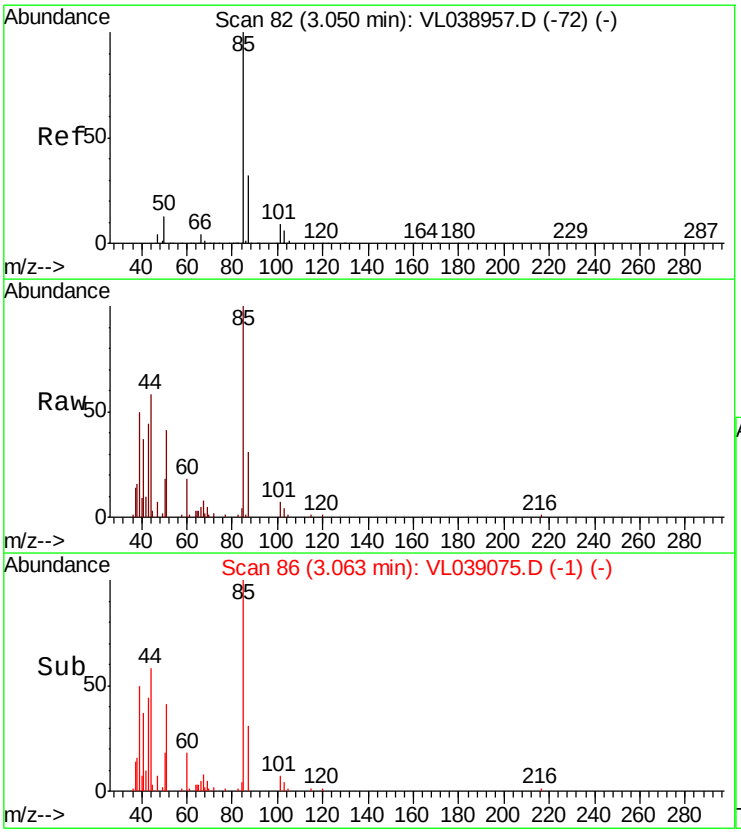
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 49 Resp: 875486

Ion	Ratio	Lower	Upper
49	100		
128	45.0	23.3	69.8
130	58.7	29.8	89.3

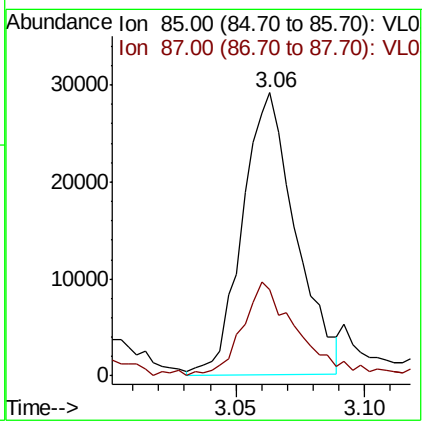


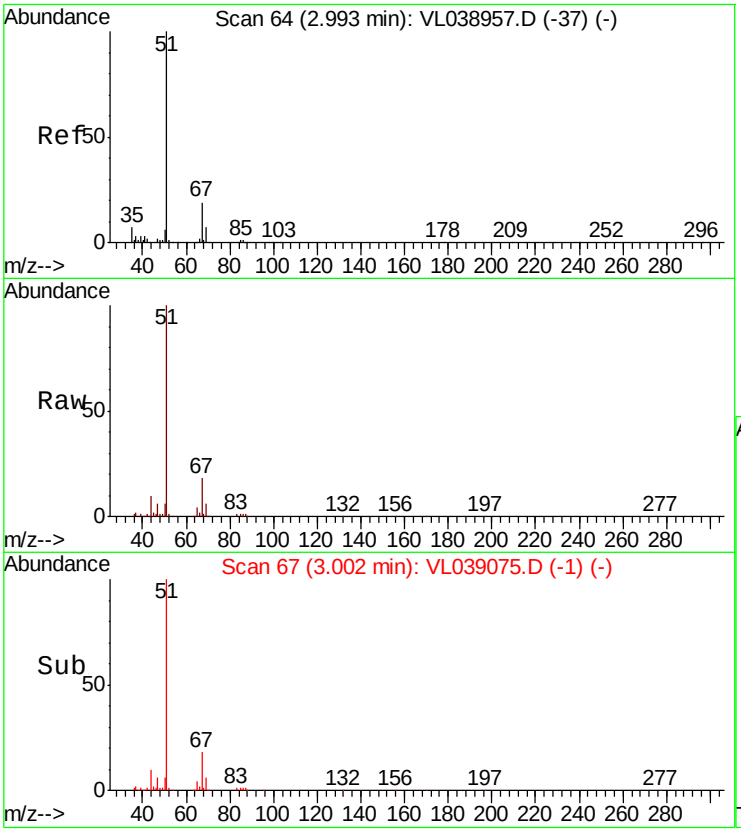


#2
Dichlorodifluoromethane
Concen: 0.307 ppbv
RT: 3.06 min Scan# 86
Delta R.T. 0.01 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 85 Resp: 42064

Ion	Ratio	Lower	Upper
85	100		
87	31.1	25.7	38.5



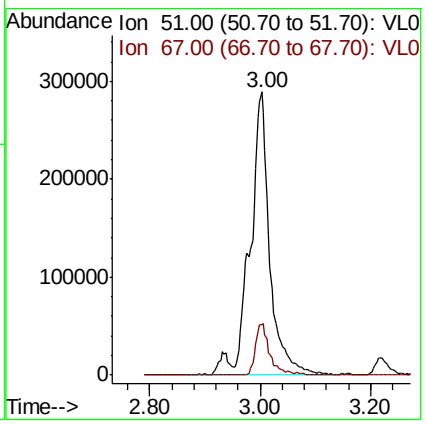


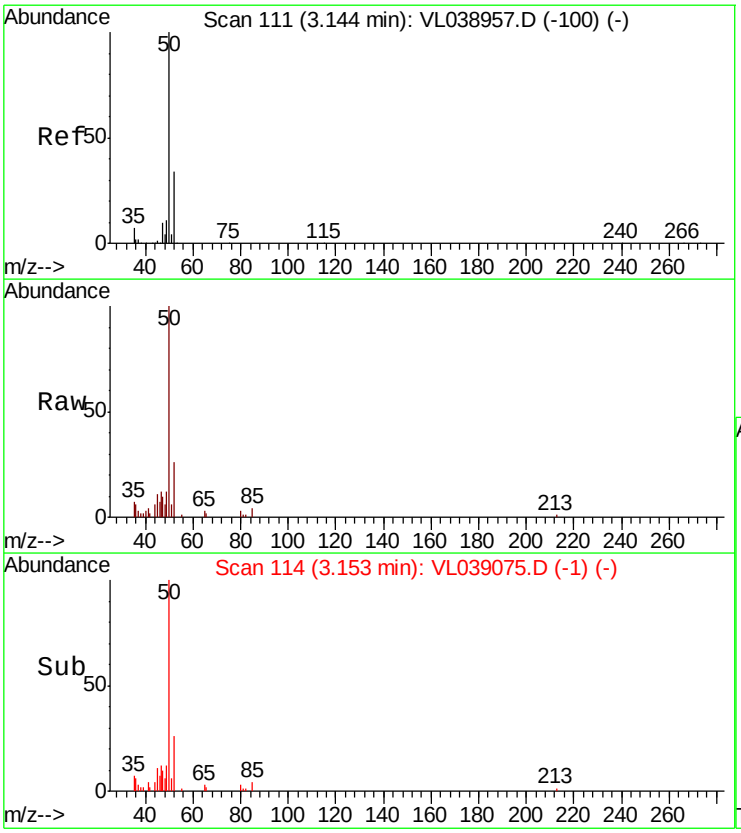
#3
Chlorodifluoromethane
Concen: 6.635 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 51 Resp: 720800

Ion	Ratio	Lower	Upper
51	100		
67	13.4	15.8	23.8#

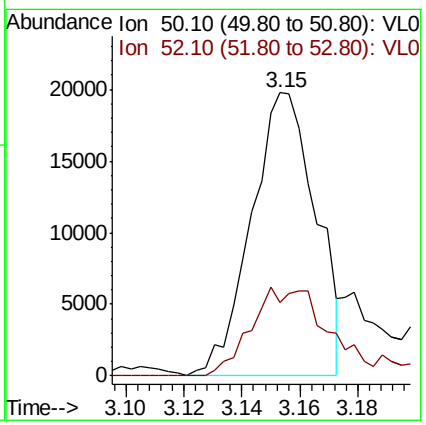


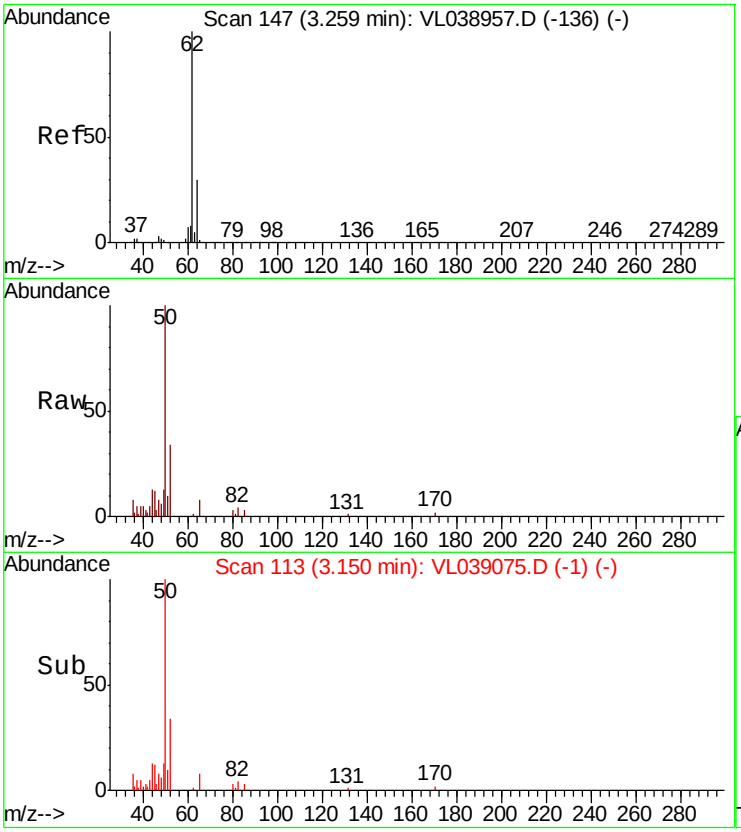


#4
Chloromethane
Concen: 0.561 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.01 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 50 Resp: 30508

Ion	Ratio	Lower	Upper
50	100		
52	26.1	27.3	40.9#



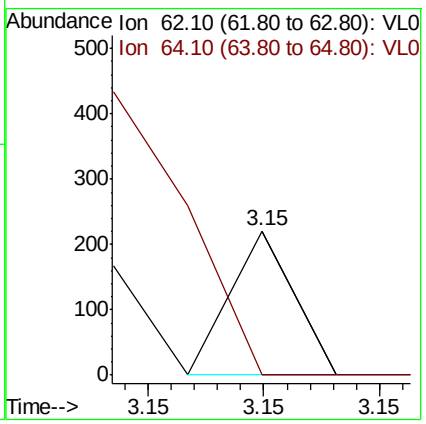


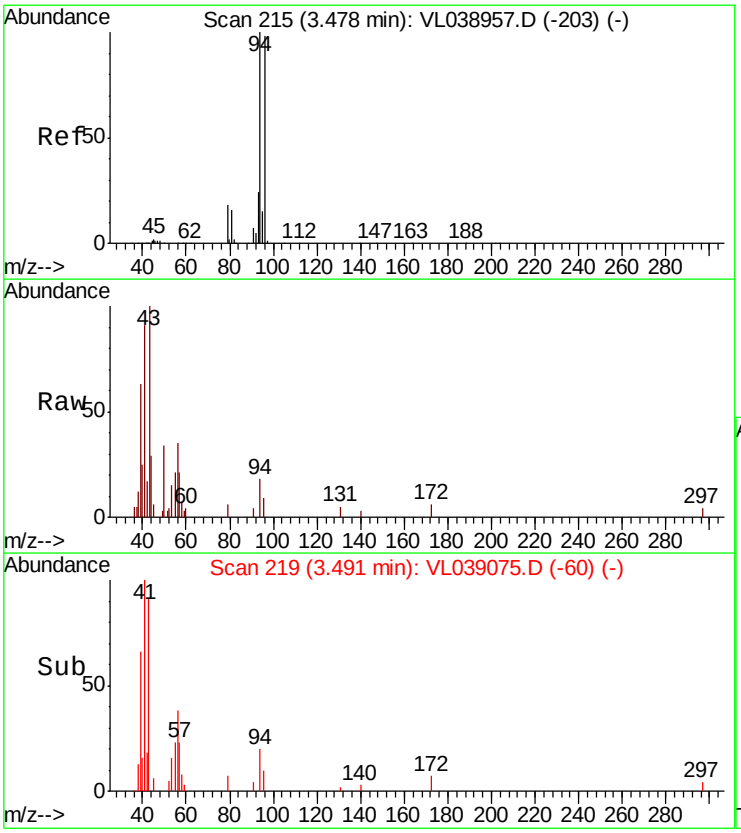
#5
Vinyl Chloride
Concen: 0.001 ppbv
RT: 3.15
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 62 Resp: 43

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.2	36.4#

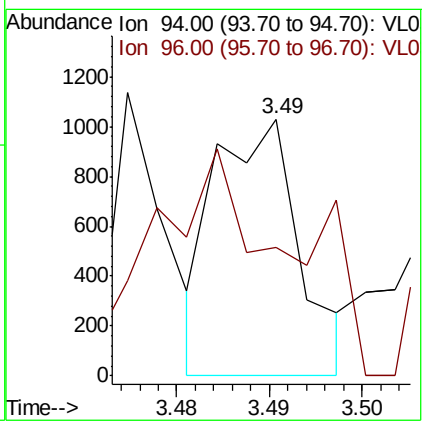


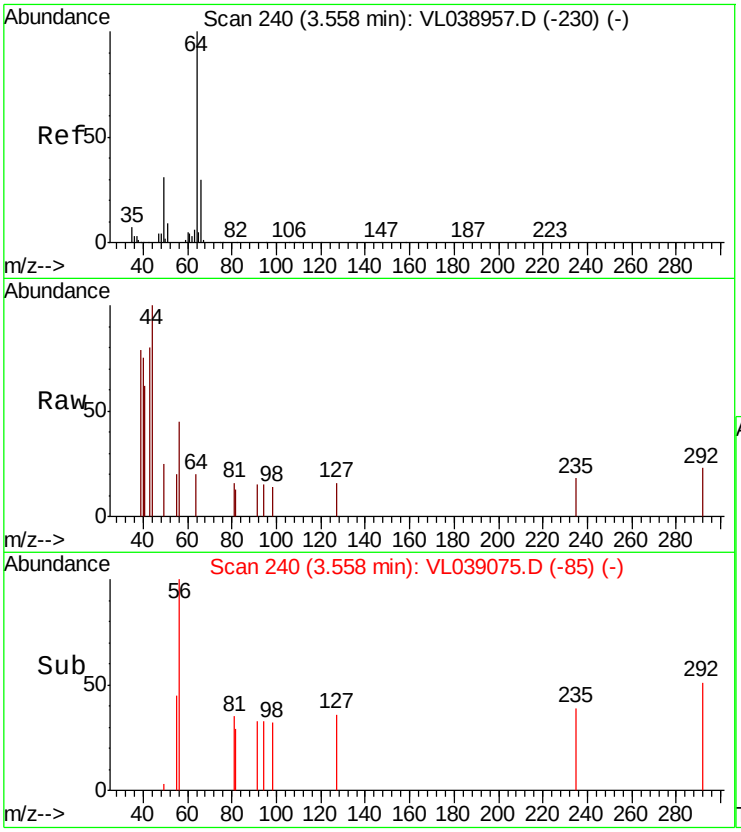


#6
Bromomethane
Concen: 0.028 ppbv
RT: 3.49 min Scan# 219
Delta R.T. 0.01 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 94 Resp: 650

Ion	Ratio	Lower	Upper
94	100		
96	0.0	78.1	117.1#



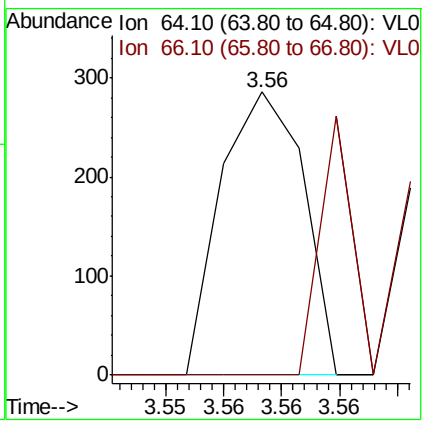


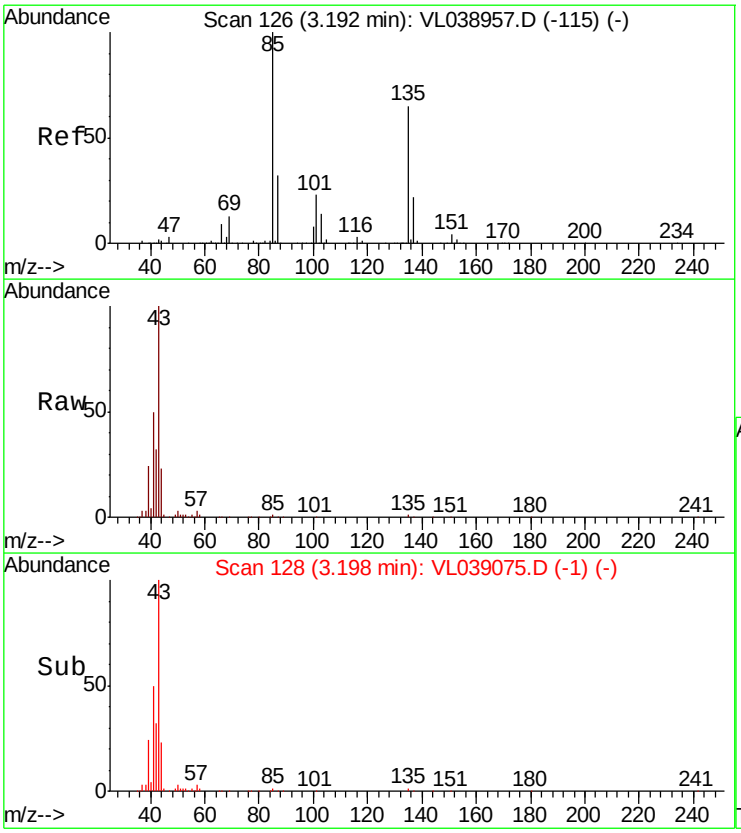
#7
Chloroethane
Concen: 0.008 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 64 Resp: 141

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.8#

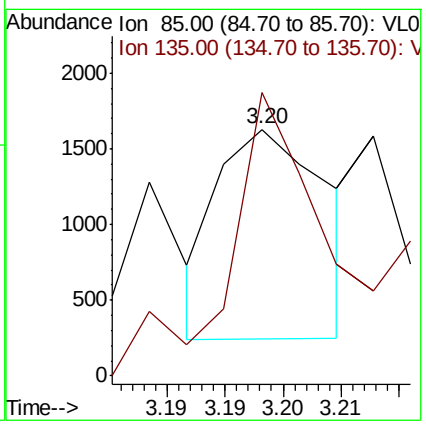


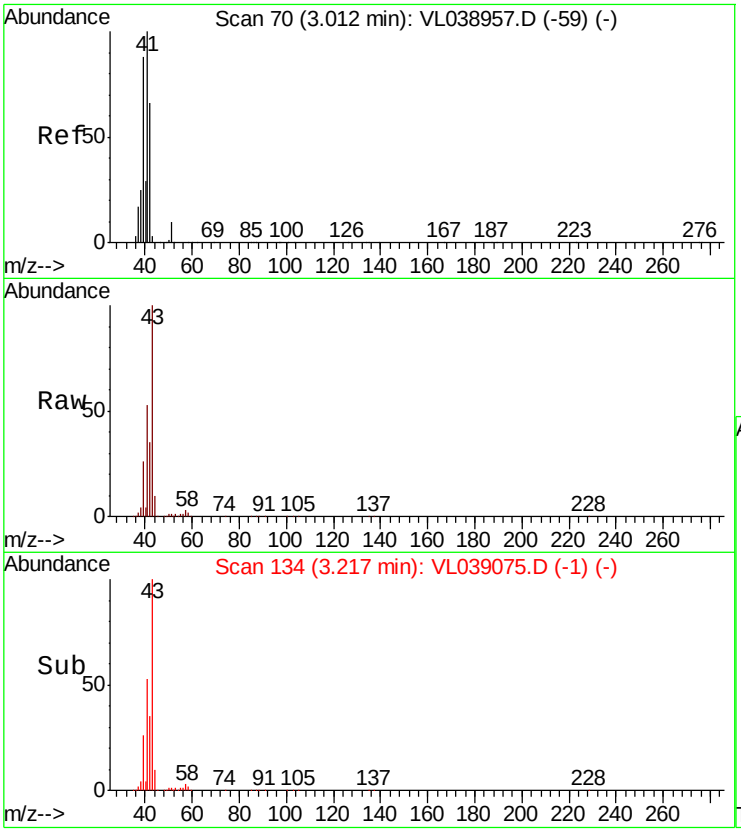


#8
Dichlorotetrafluoroethane
Concen: 0.007 ppbv
RT: 3.20 min Scan# 128
Delta R.T. 0.01 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 85 Resp: 905

Ion	Ratio	Lower	Upper
85	100		
135	181.1	53.6	80.4#



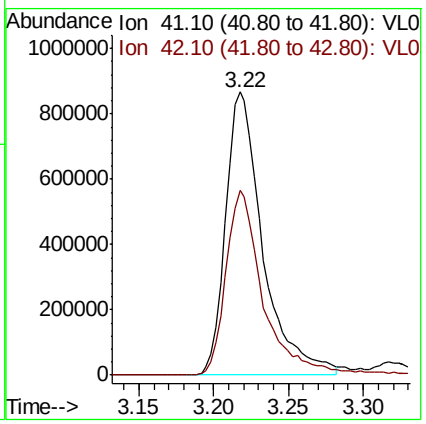


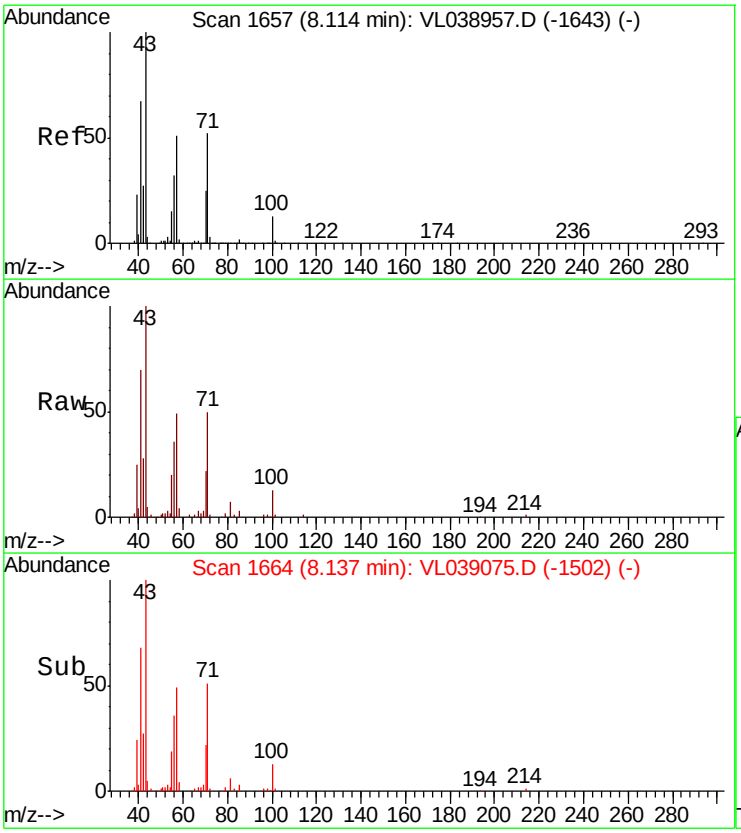
#9
Propene
Concen: 31.550 ppbv
RT: 3.22
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 41 Resp: 1496781

Ion	Ratio	Lower	Upper
41	100		
42	65.8	58.3	87.5

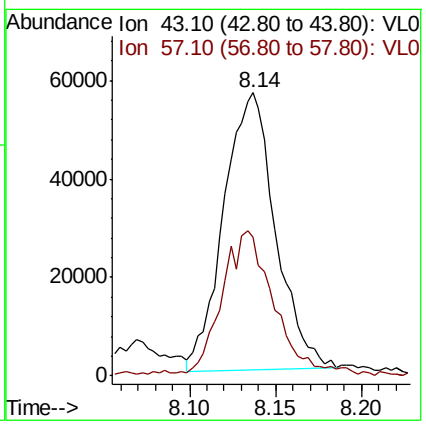


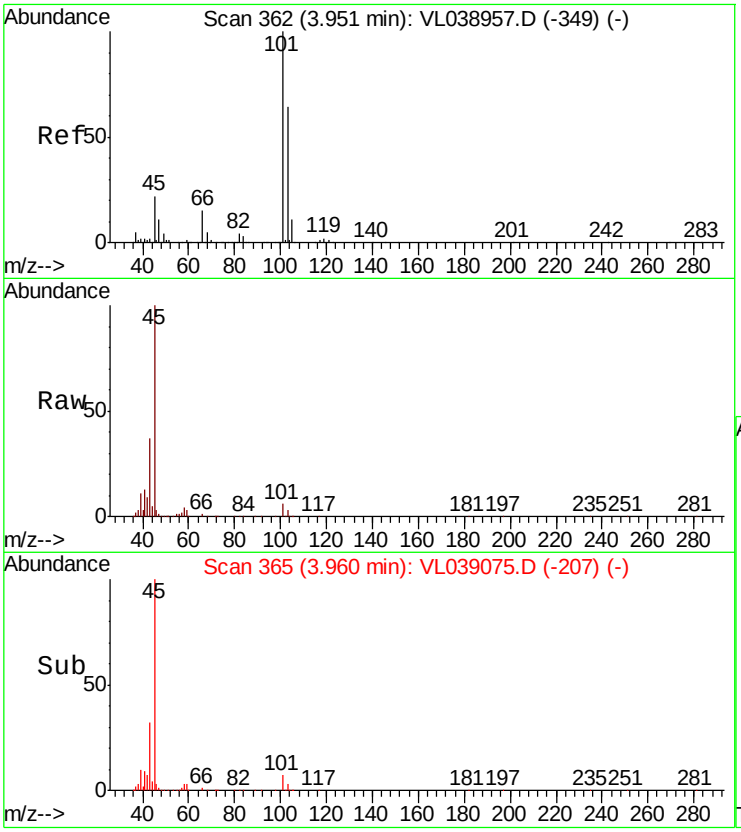


#10
Heptane
Concen: 1.010 ppbv
RT: 8.14 min Scan# 1664
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 43 Resp: 117594

Ion	Ratio	Lower	Upper
43	100		
57	53.0	40.5	60.7



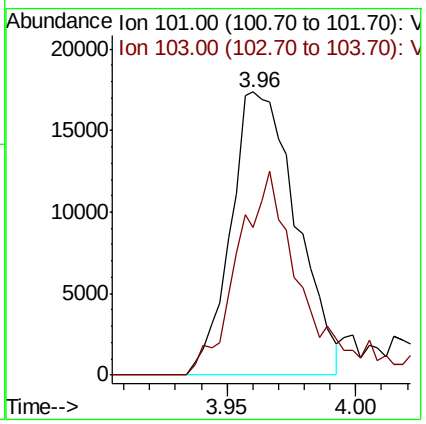


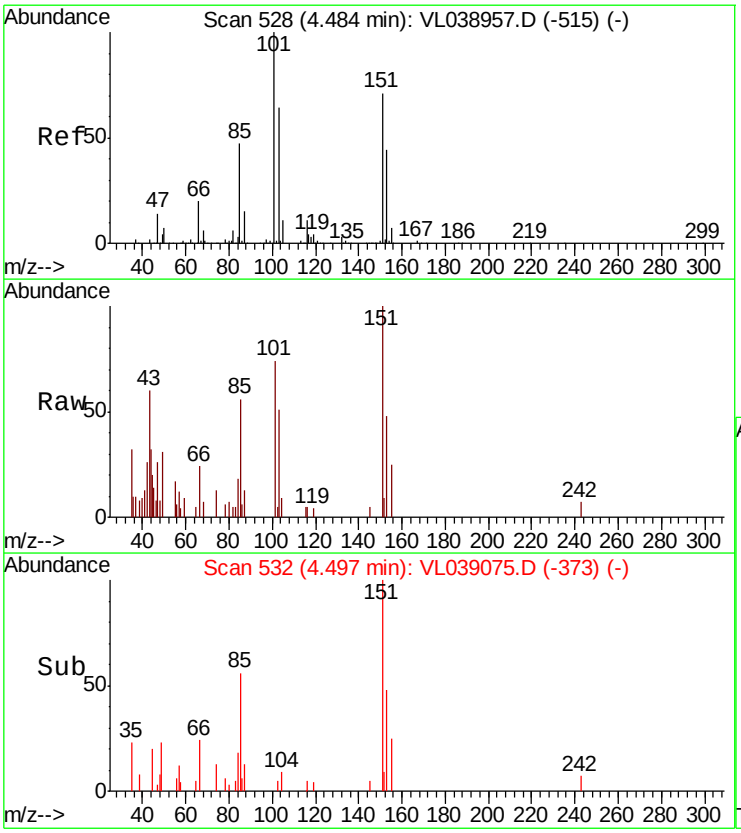
#11
Trichlorofluoromethane
Concen: 0.262 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:101 Resp: 30807

Ion	Ratio	Lower	Upper
101	100		
103	52.2	51.5	77.3

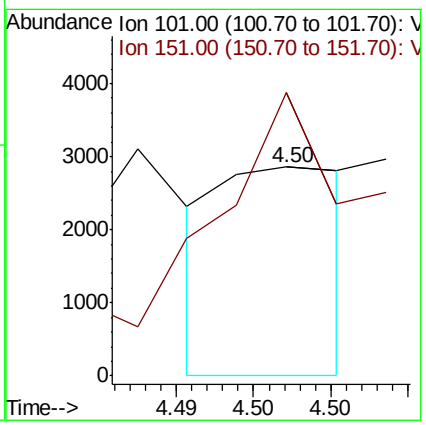


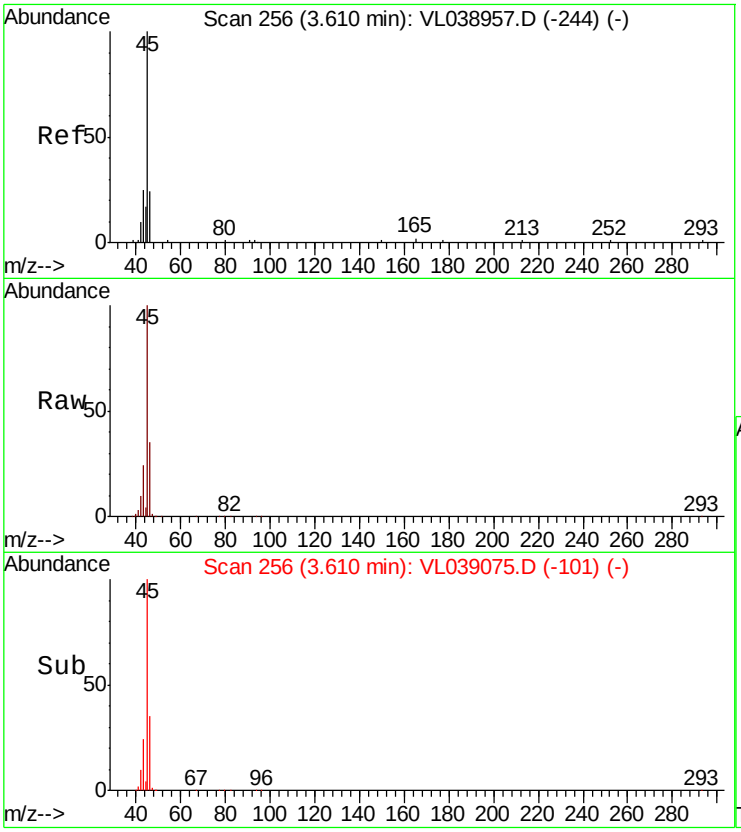


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.020 ppbv
RT: 4.50 min Scan# 532
Delta R.T. 0.01 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion:101 Resp: 1627

Ion	Ratio	Lower	Upper
101	100		
151	337.8	55.4	83.0#



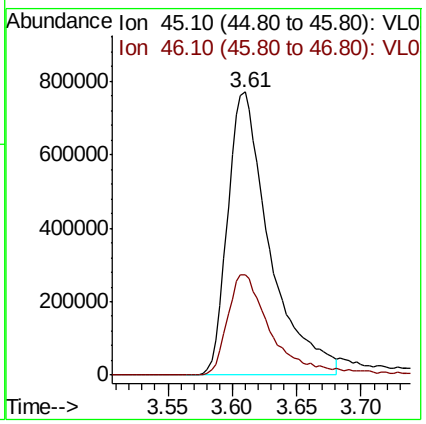


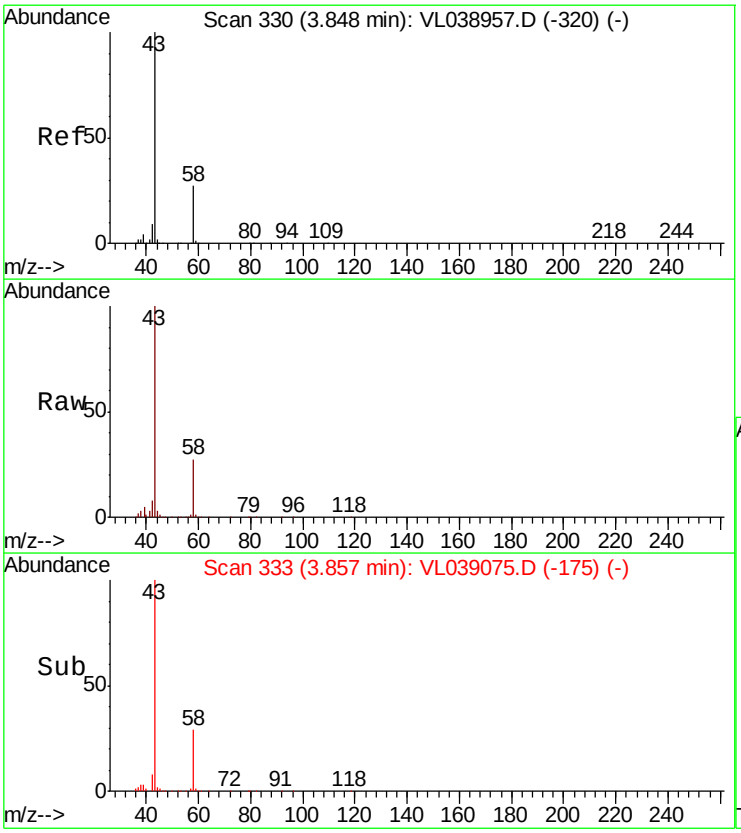
#13
Ethanol
Concen: 519.543 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 45 Resp: 1744310

Ion	Ratio	Lower	Upper
45	100		
46	38.9	18.0	72.2

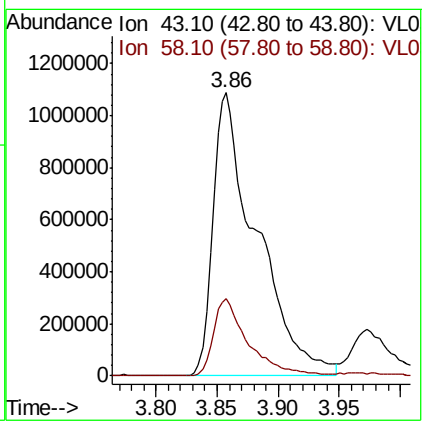


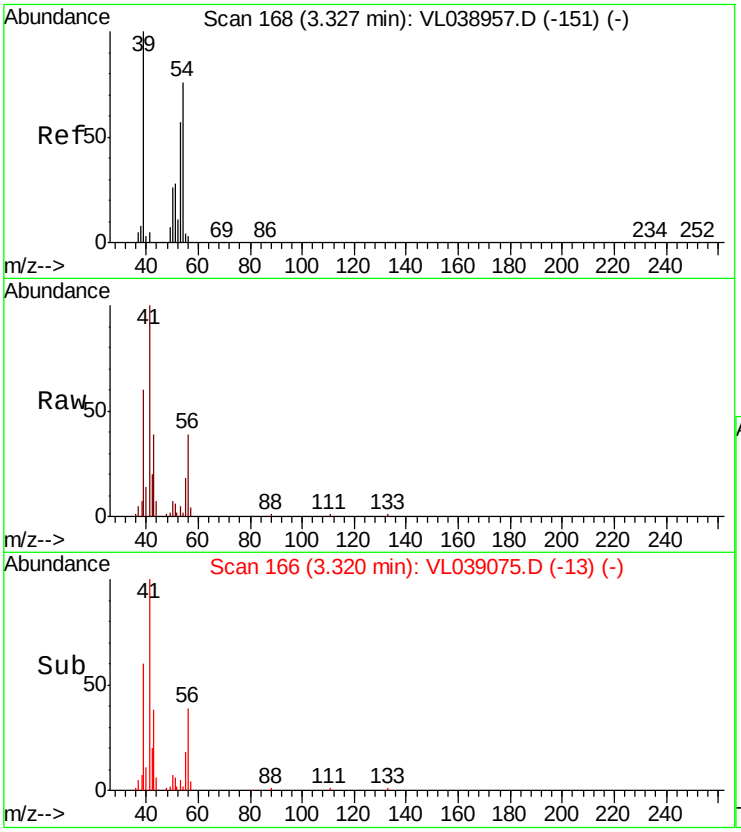


#15
Acetone
Concen: 32.400 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 43 Resp: 2675723

Ion	Ratio	Lower	Upper
43	100		
58	22.4	21.3	31.9



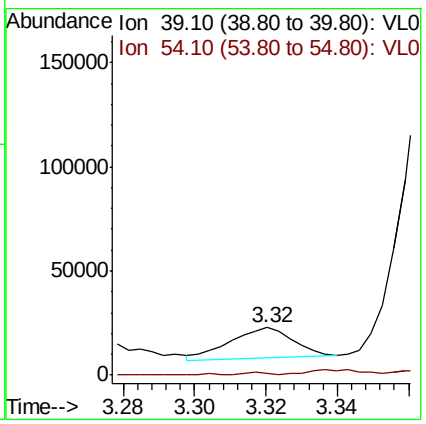


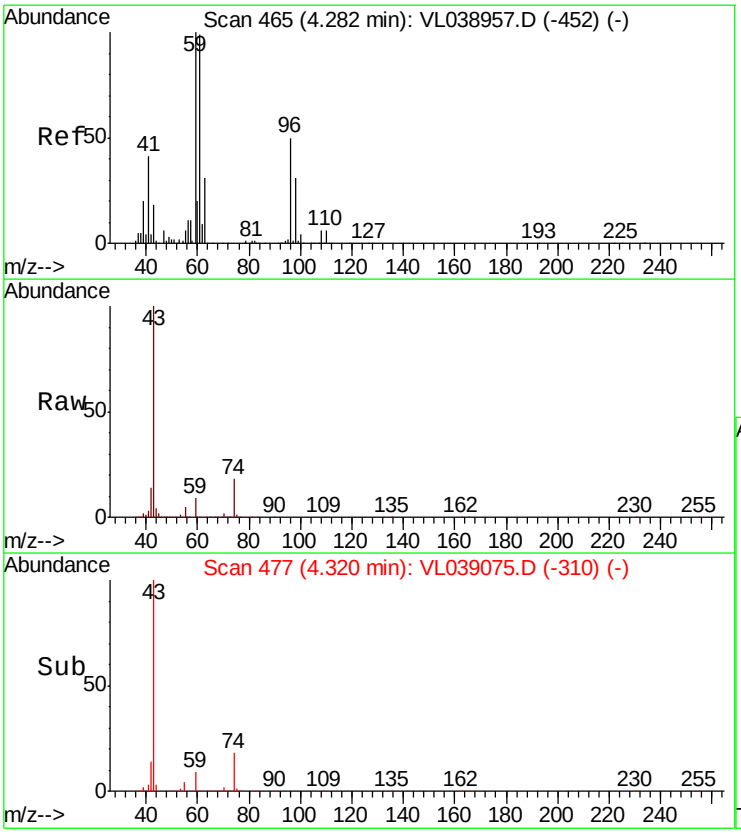
#16
1,3-Butadiene
Concen: 0.379 ppbv
RT: 3.32
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 39 Resp: 18006

Ion	Ratio	Lower	Upper
39	100		
54	25.3	65.2	97.8#

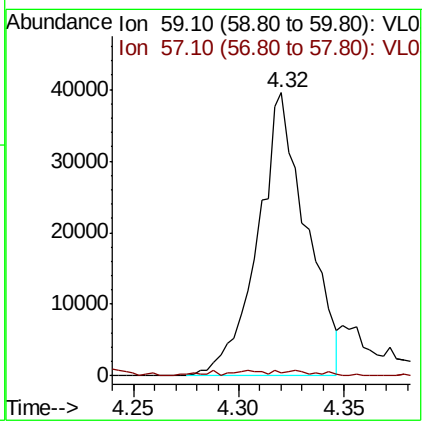


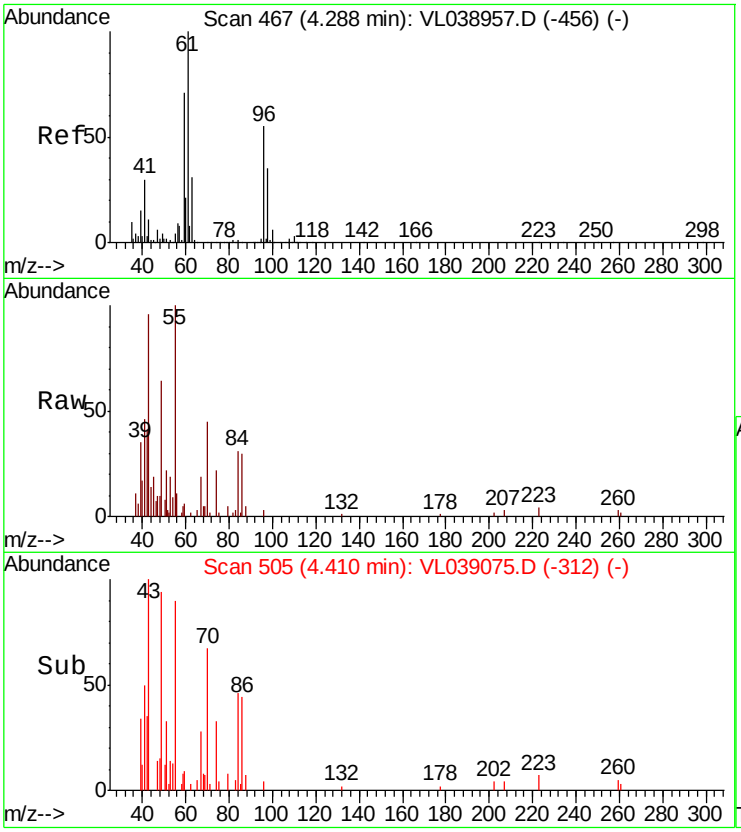


#17
tert-Butyl alcohol
Concen: 0.997 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.04 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 59 Resp: 63303

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.2	13.8#



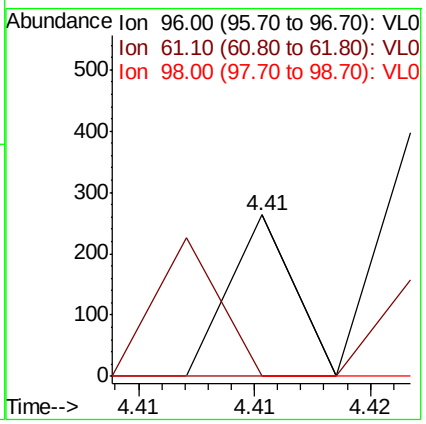


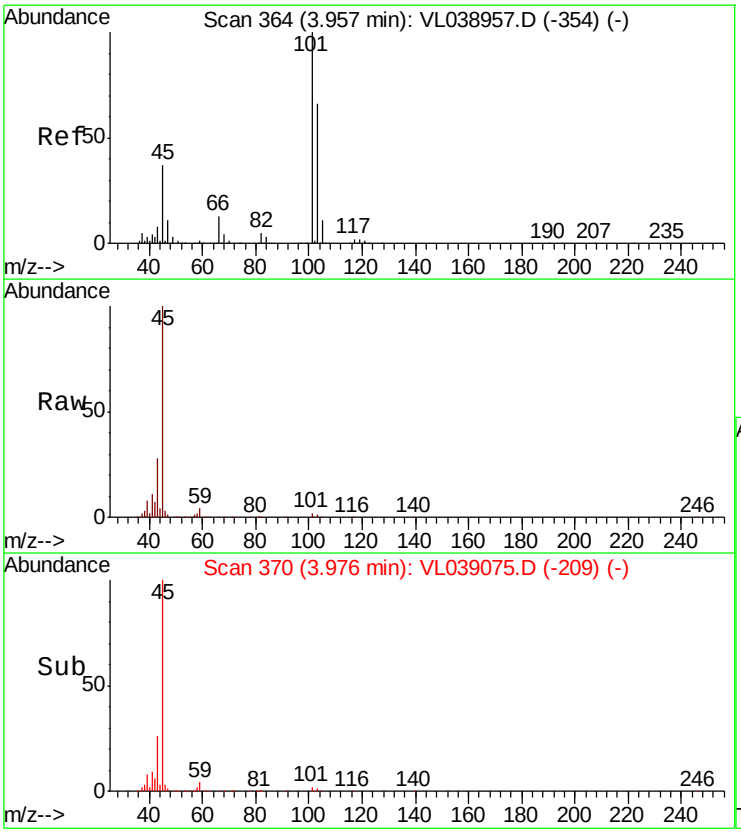
#18
1,1-Dichloroethene
Concen: 0.001 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 96 Resp: 51

Ion	Ratio	Lower	Upper
96	100		
61	0.0	146.3	219.5#
98	0.0	50.6	75.8#

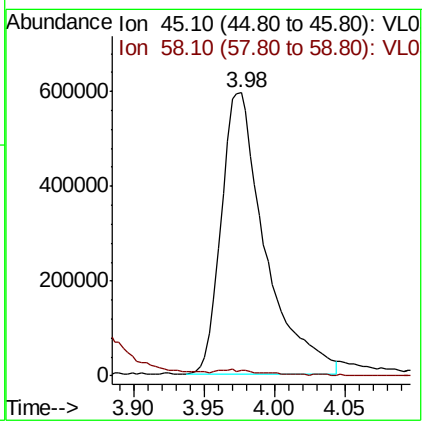


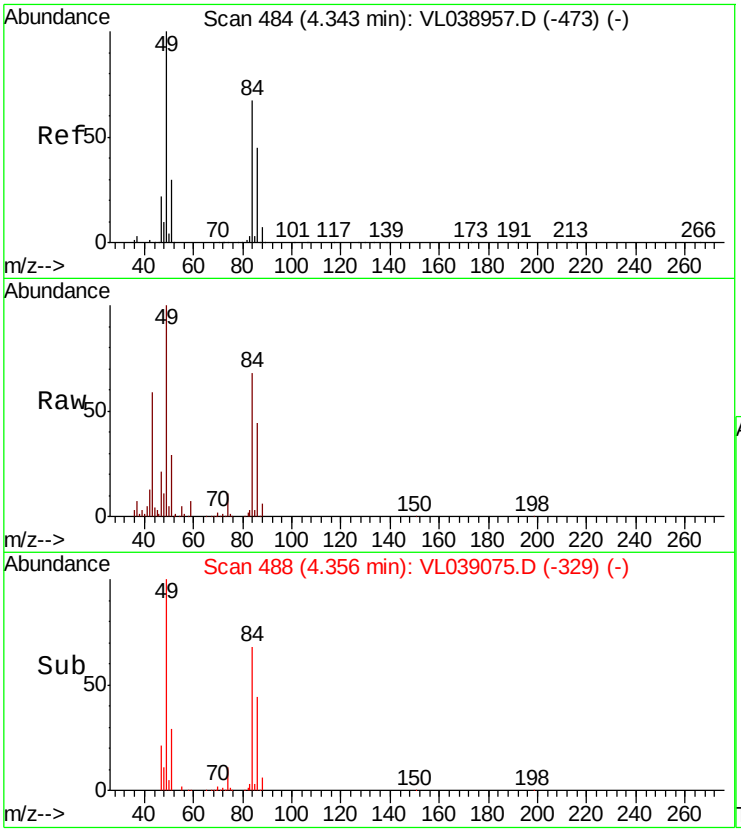


#19
Isopropyl Alcohol
Concen: 32.884 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 45 Resp: 1291201

Ion	Ratio	Lower	Upper
45	100		
58	3.2	1.4	2.2#



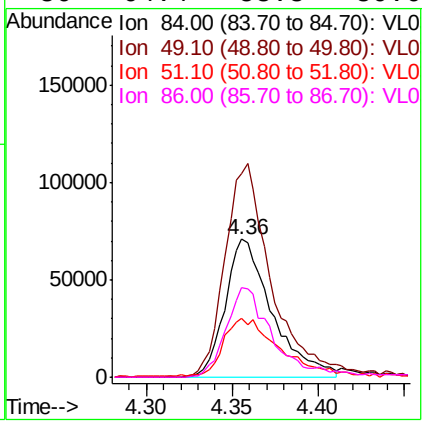


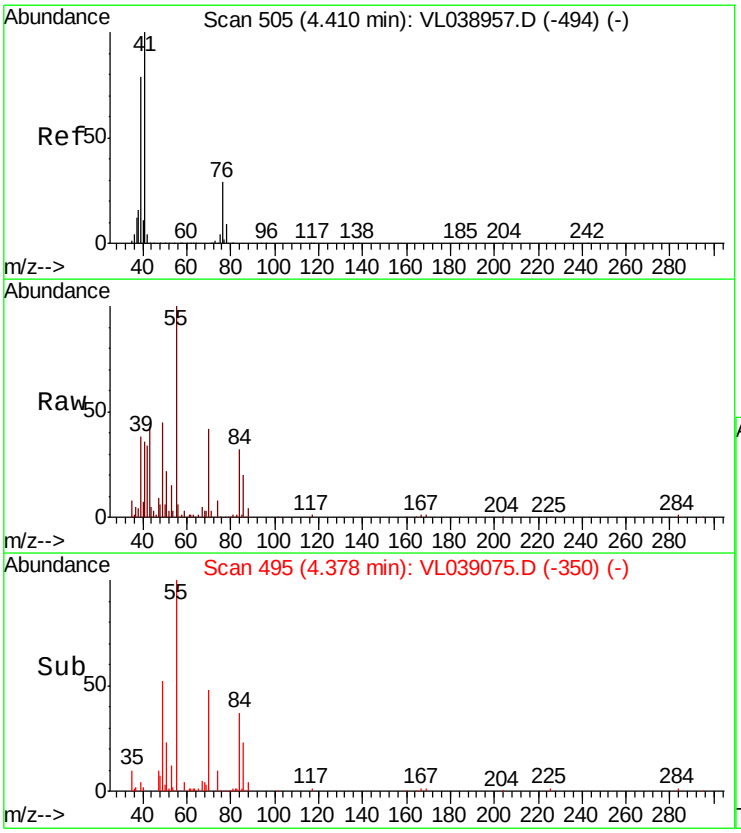
#20
Methylene Chloride
Concen: 4.302 ppbv
RT: 4.36
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 84 Resp: 133897

Ion	Ratio	Lower	Upper
84	100		
49	146.2	119.9	179.9
51	41.6	35.7	53.5
86	64.4	53.8	80.6

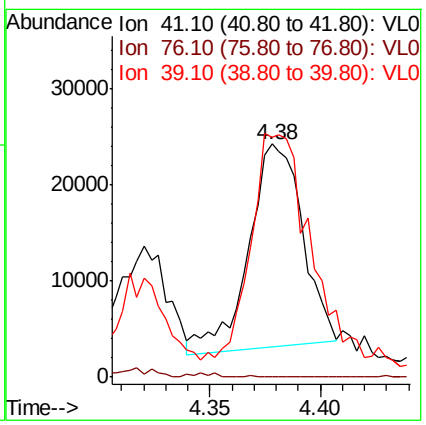


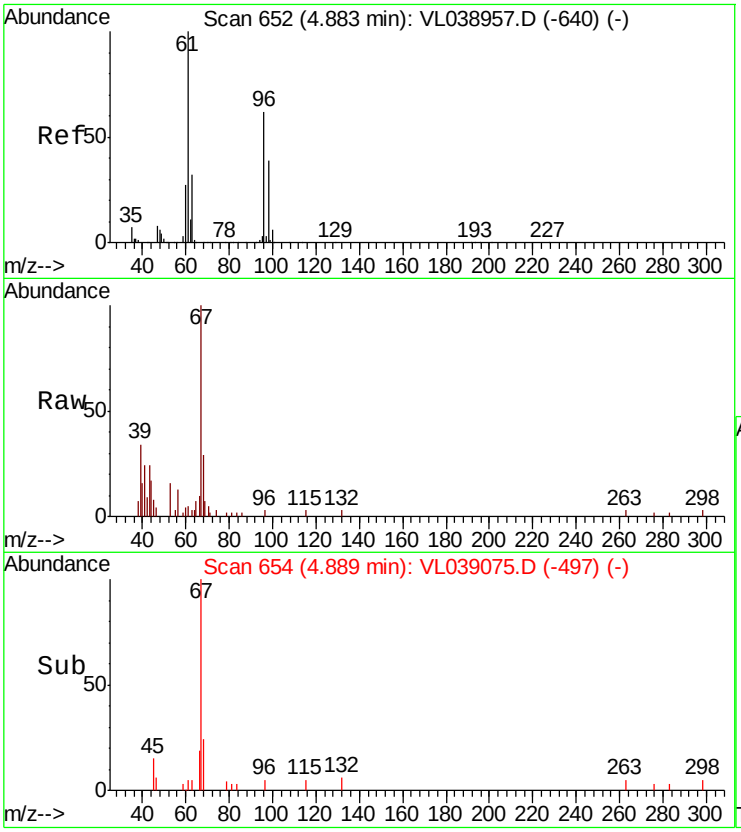


#21
Allyl Chloride
Concen: 0.634 ppbv
RT: 4.38 min Scan# 495
Delta R.T. -0.03 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 41 Resp: 35657

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.4#
39	149.4	63.8	95.8#



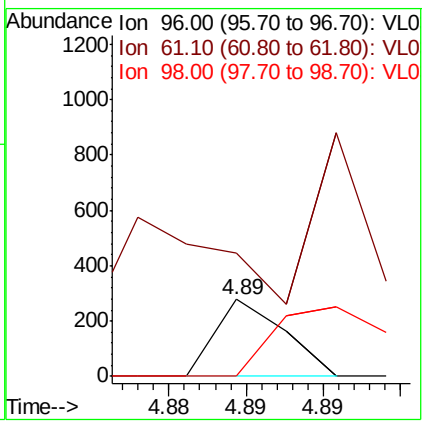


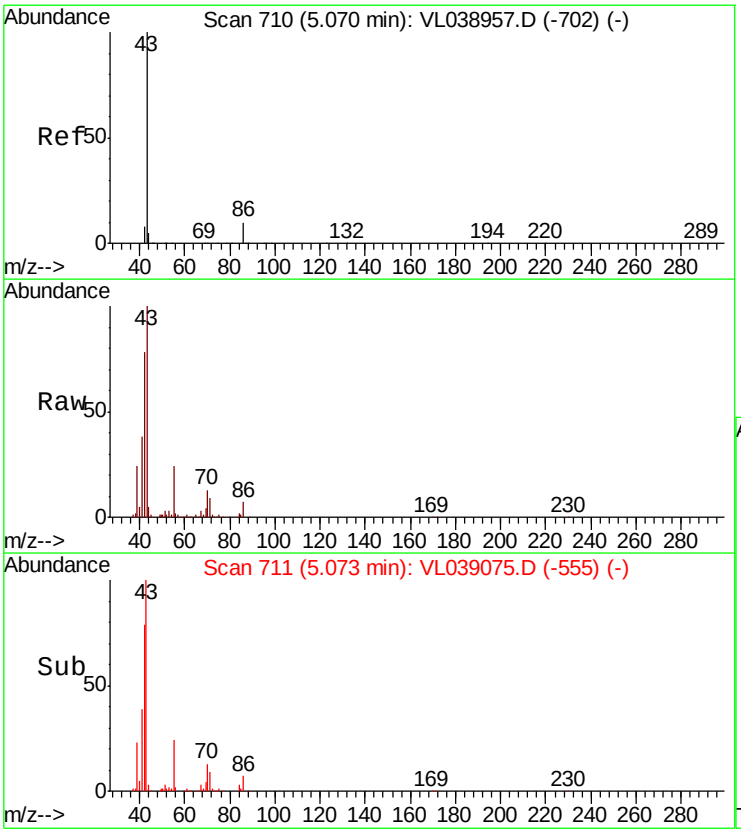
#22
trans-1,2-Dichloroethene
Concen: 0.002 ppbv
RT: 4.89
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 96 Resp: 85

Ion	Ratio	Lower	Upper
96	100		
61	0.0	128.2	192.2#
98	0.0	50.1	75.1#

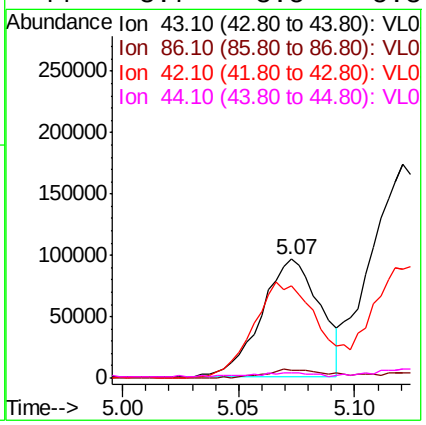


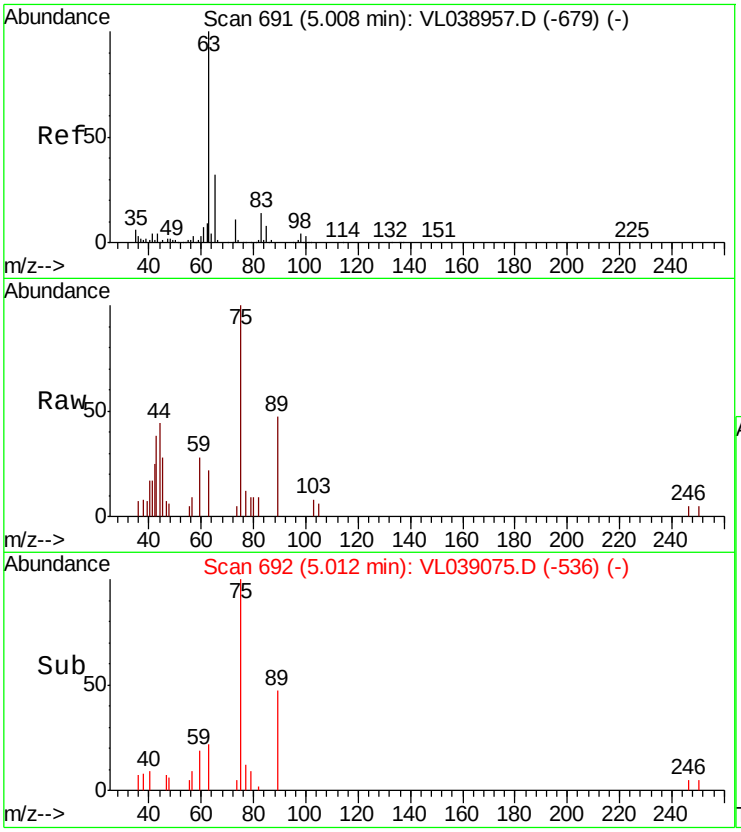


#23
Vinyl Acetate
Concen: 2.588 ppbv
RT: 5.07 min Scan# 711
Delta R.T. 0.00 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 43 Resp: 169087

Ion	Ratio	Lower	Upper
43	100		
86	6.5	6.6	9.8#
42	78.2	8.1	12.1#
44	3.7	3.5	5.3



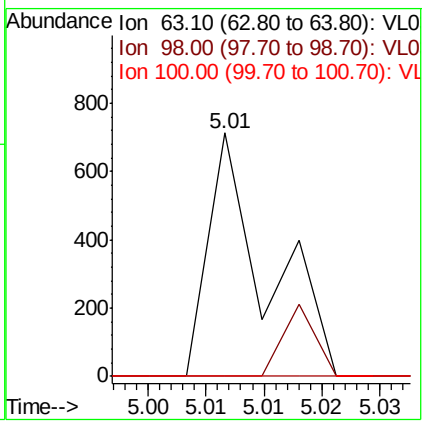


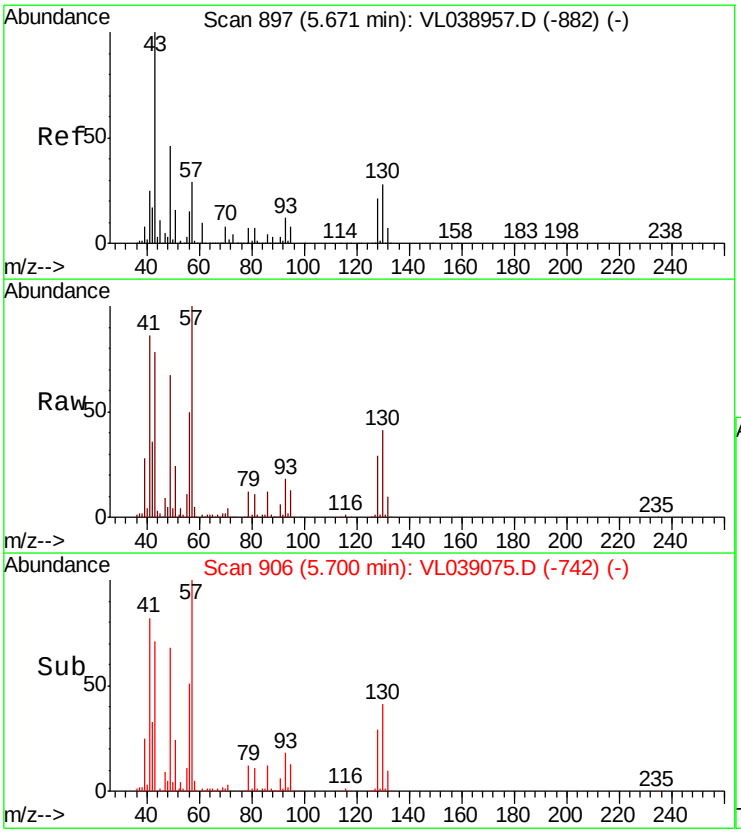
#24
1,1-Dichloroethane
Concen: 0.003 ppbv
RT: 5.01
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 63 Resp: 246

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.2#
100	0.0	1.4	4.2#

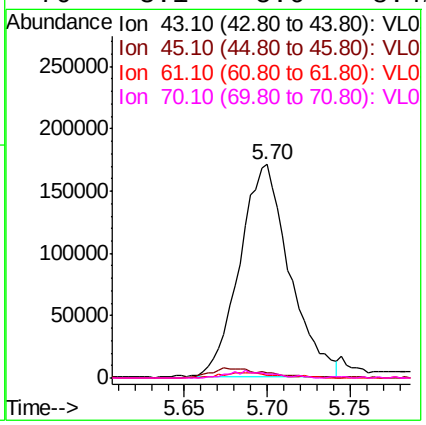


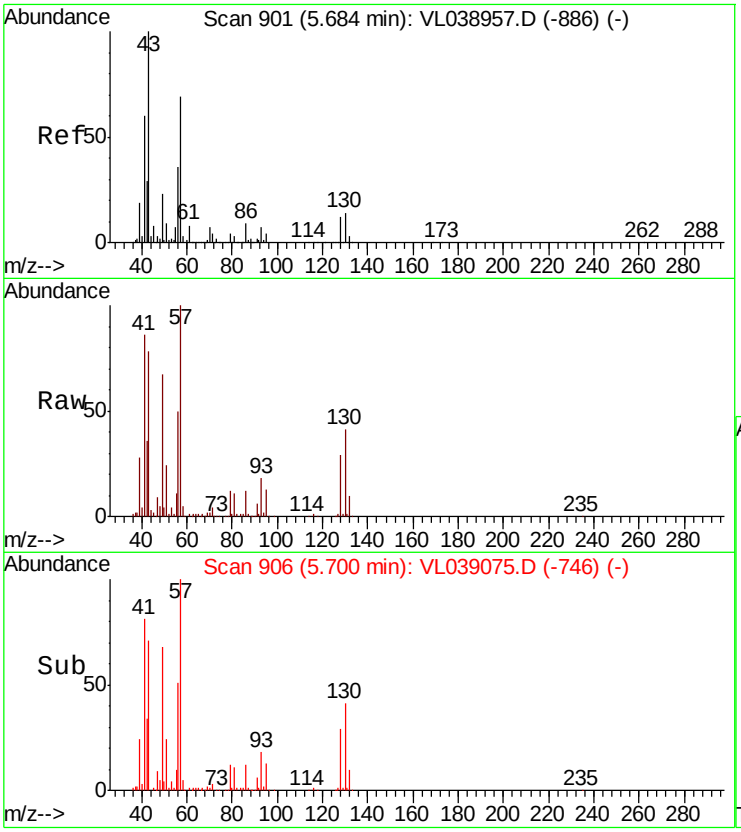


#25
Ethyl Acetate
Concen: 1.801 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.03 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 43 Resp: 356017

Ion	Ratio	Lower	Upper
43	100		
45	5.4	8.1	12.1#
61	2.9	7.8	11.6#
70	3.1	5.6	8.4#



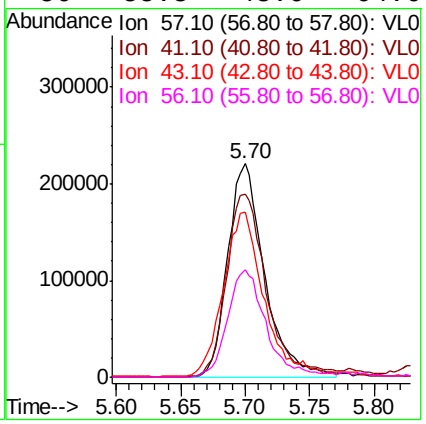


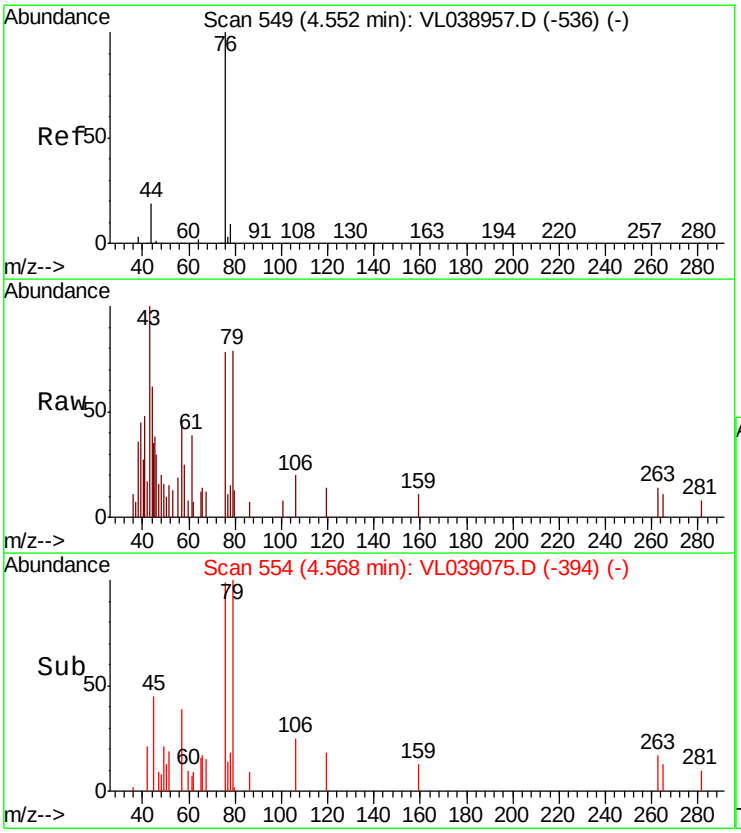
#26
Hexane
Concen: 5.005 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 57 Resp: 439579

Ion	Ratio	Lower	Upper
57	100		
41	96.1	75.2	112.8
43	86.8	190.8	286.2#
56	55.3	43.0	64.6

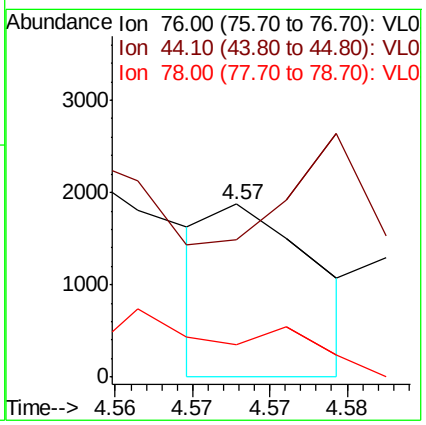


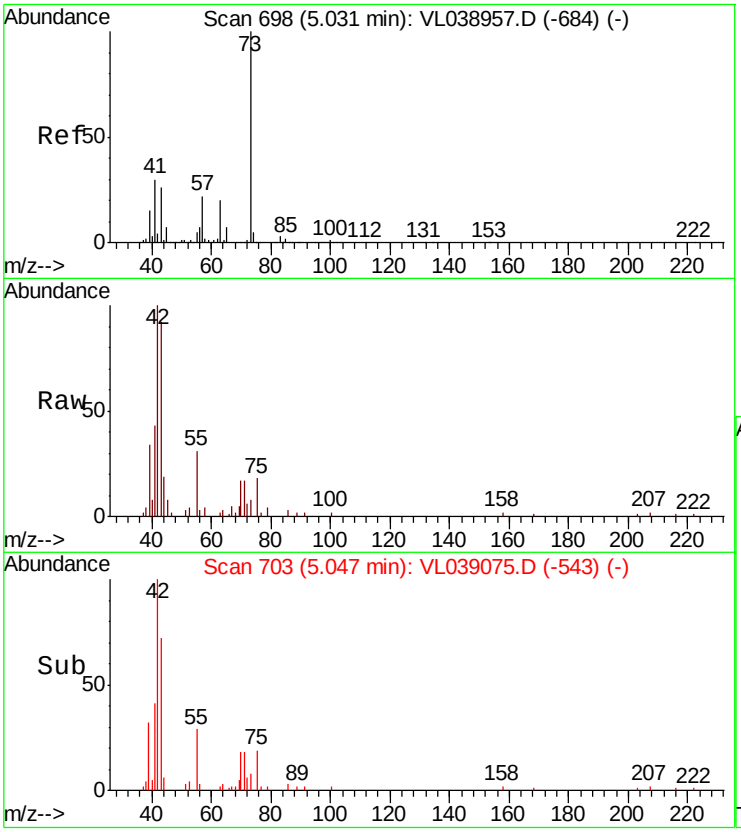


#27
Carbon Disulfide
Concen: 0.010 ppbv
RT: 4.57 min Scan# 554
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 76 Resp: 858

Ion	Ratio	Lower	Upper
76	100		
44	0.0	15.3	22.9#
78	0.0	8.2	12.2#



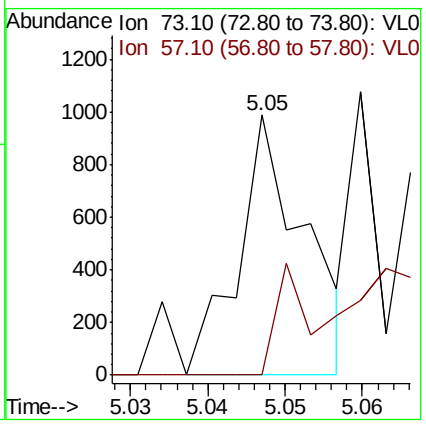


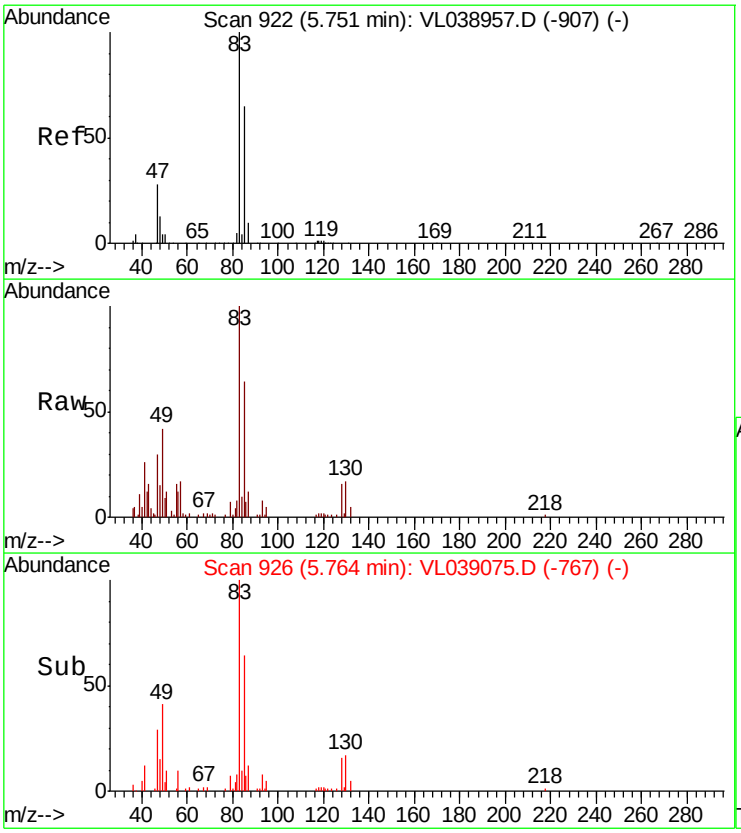
#28
Methyl tert-Butyl Ether
Concen: 0.009 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 73 Resp: 586

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.8	28.2#

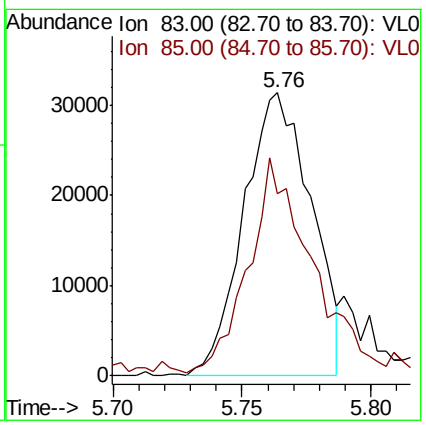


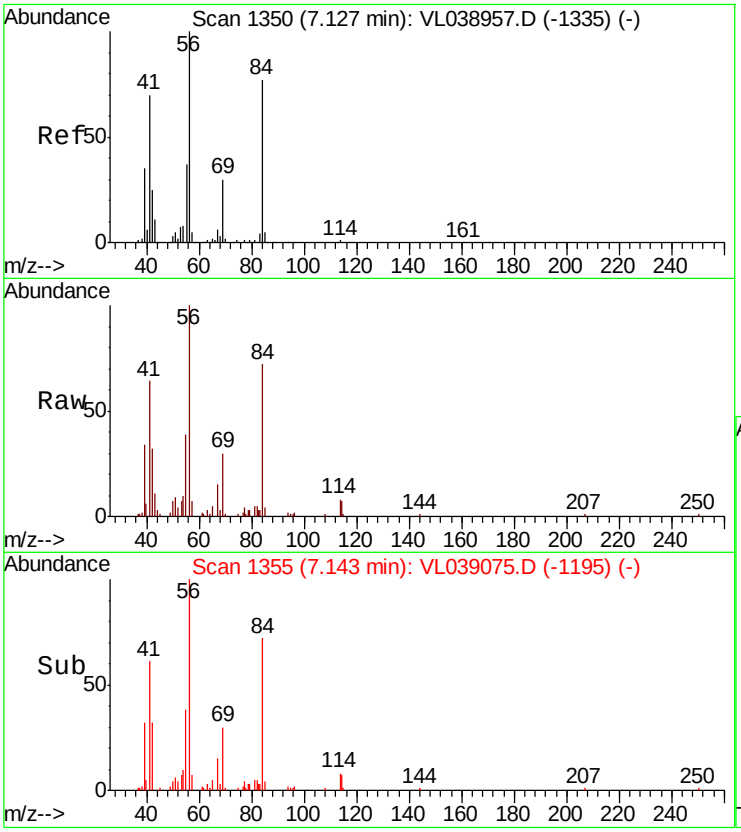


#29
Chloroform
Concen: 0.404 ppbv
RT: 5.76 min Scan# 926
Delta R.T. 0.01 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 83 Resp: 57392

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.8	77.6



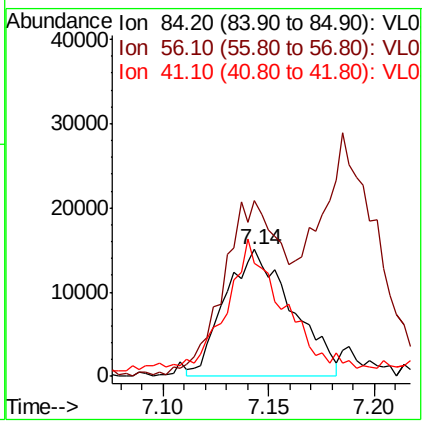


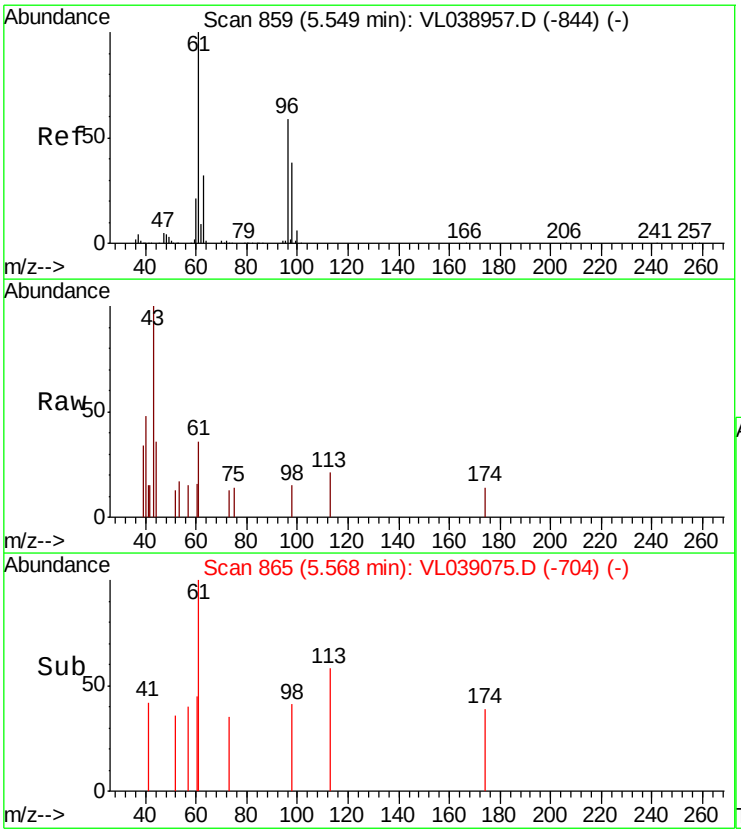
#30
Cyclohexane
Concen: 0.453 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 84 Resp: 33331

Ion	Ratio	Lower	Upper
84	100		
56	131.0	115.3	172.9
41	94.7	72.0	108.0

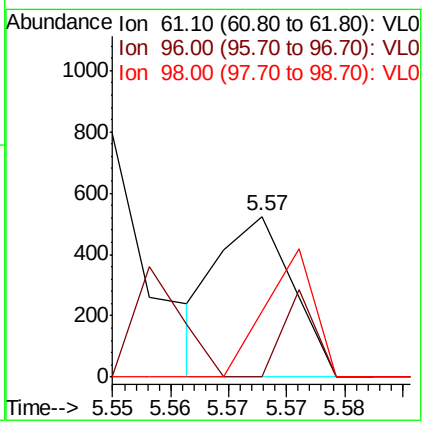


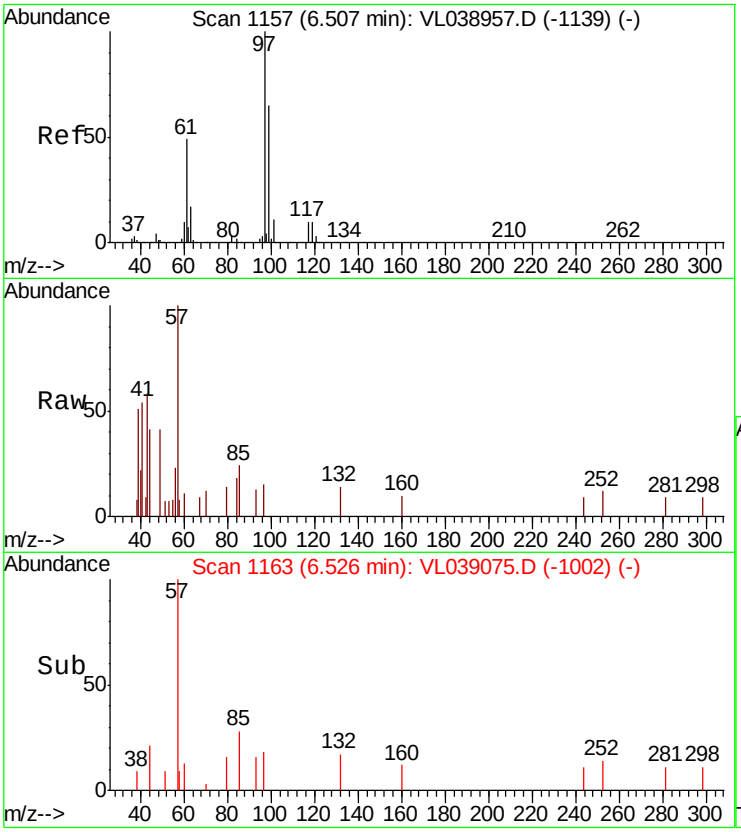


#31
cis-1,2-Dichloroethene
Concen: 0.003 ppbv
RT: 5.57 min Scan# 865
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 61 Resp: 231

Ion	Ratio	Lower	Upper
61	100		
96	0.0	47.4	71.0#
98	40.8	30.6	45.8



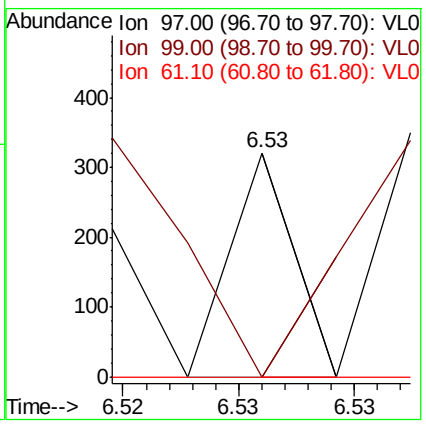


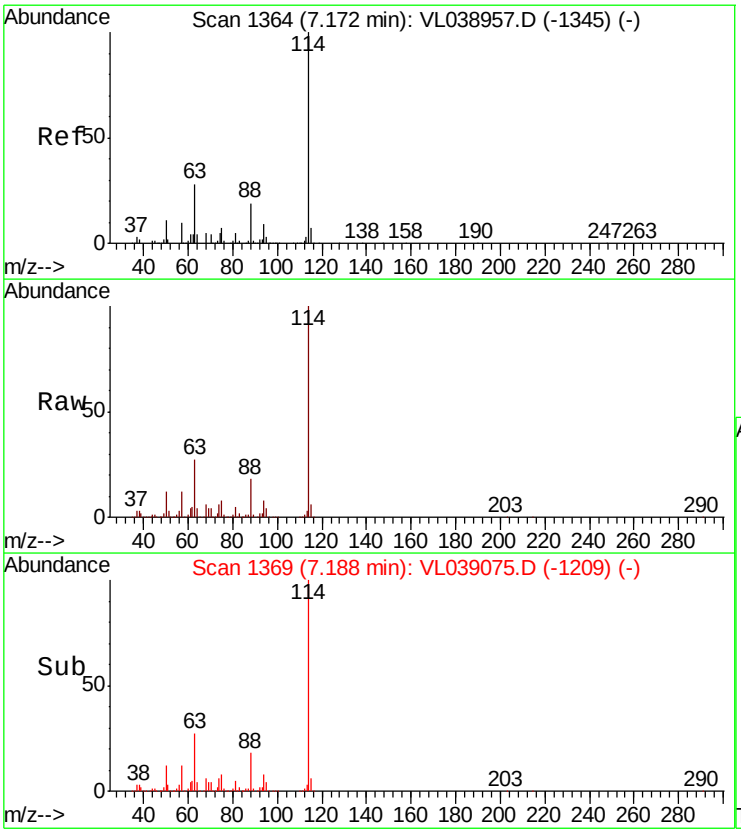
#32
1,1,1-Trichloroethane
Concen: 0.000 ppbv
RT: 6.53
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 97 Resp: 62

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.9	77.9#
61	0.0	40.9	61.3#

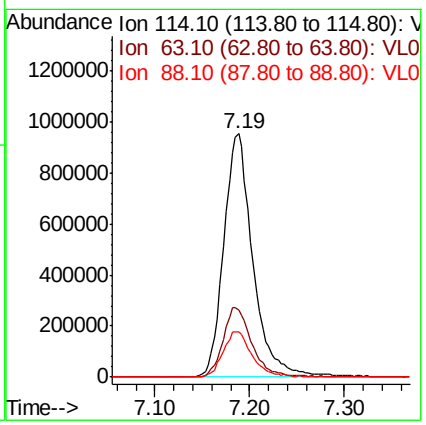


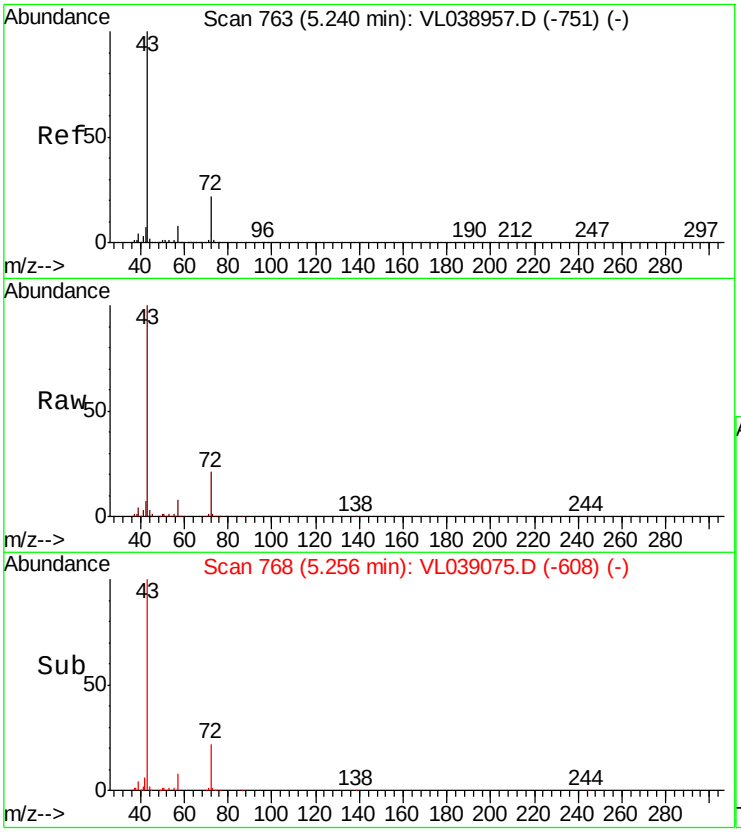


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion:114 Resp: 2038443

Ion	Ratio	Lower	Upper
114	100		
63	28.7	22.6	33.8
88	18.9	15.4	23.0



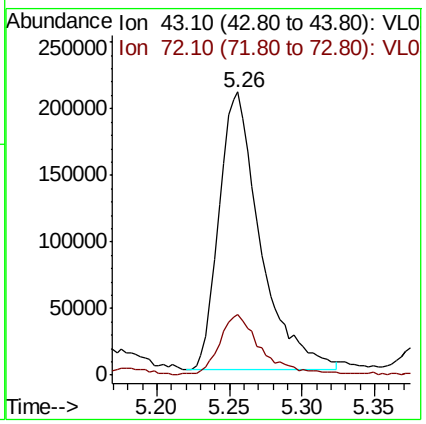


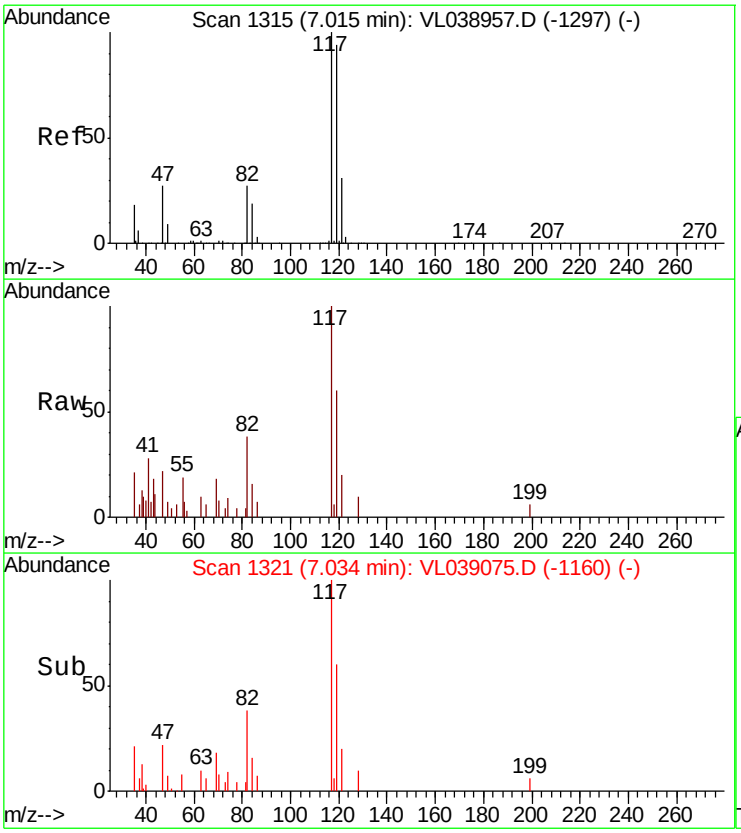
#34
2-Butanone
Concen: 3.990 ppbv
RT: 5.26
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 43 Resp: 414964

Ion	Ratio	Lower	Upper
43	100		
72	22.2	17.8	26.6

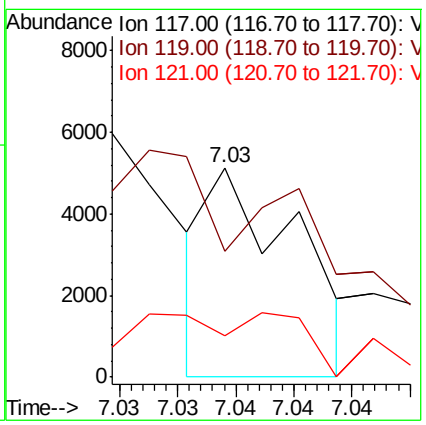


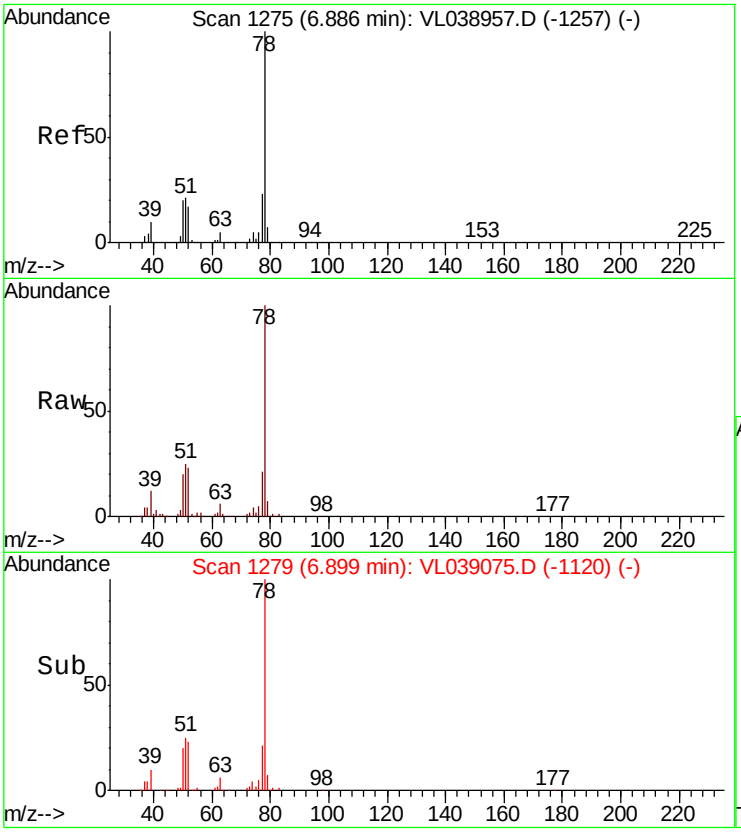


#35
Carbon Tetrachloride
Concen: 0.020 ppbv
RT: 7.03 min Scan# 1321
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion:117 Resp: 2730

Ion	Ratio	Lower	Upper
117	100		
119	17.7	75.2	112.8#
121	31.3	24.6	37.0



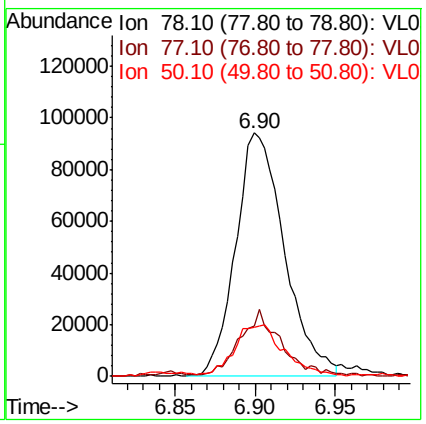


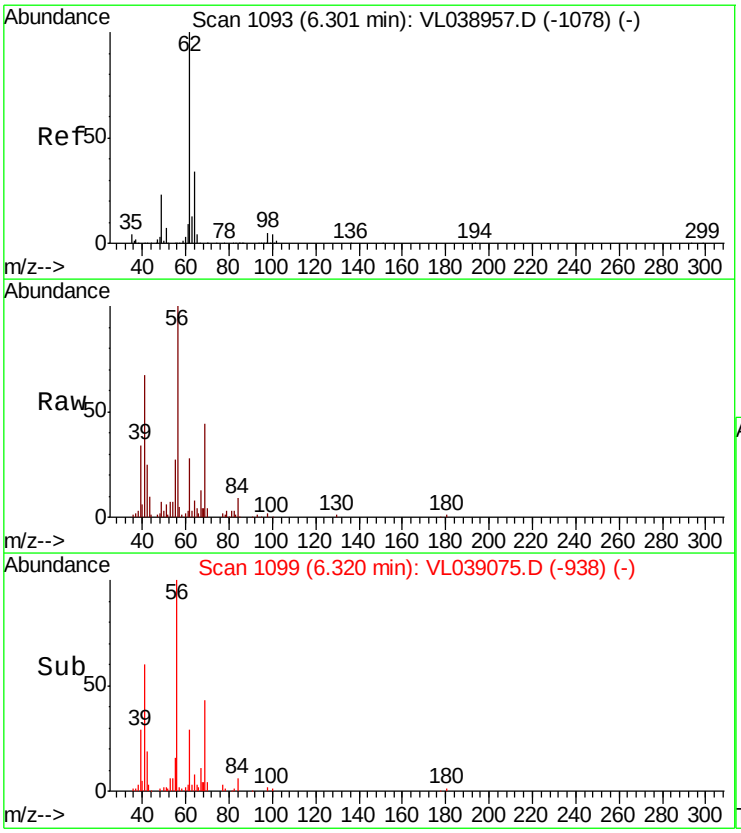
#36
Benzene
Concen: 1.122 ppbv
RT: 6.90
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 78 Resp: 195645

Ion	Ratio	Lower	Upper
78	100		
77	19.9	18.6	28.0
50	19.3	15.6	23.4

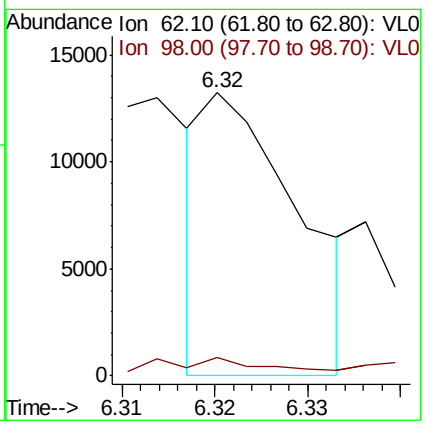


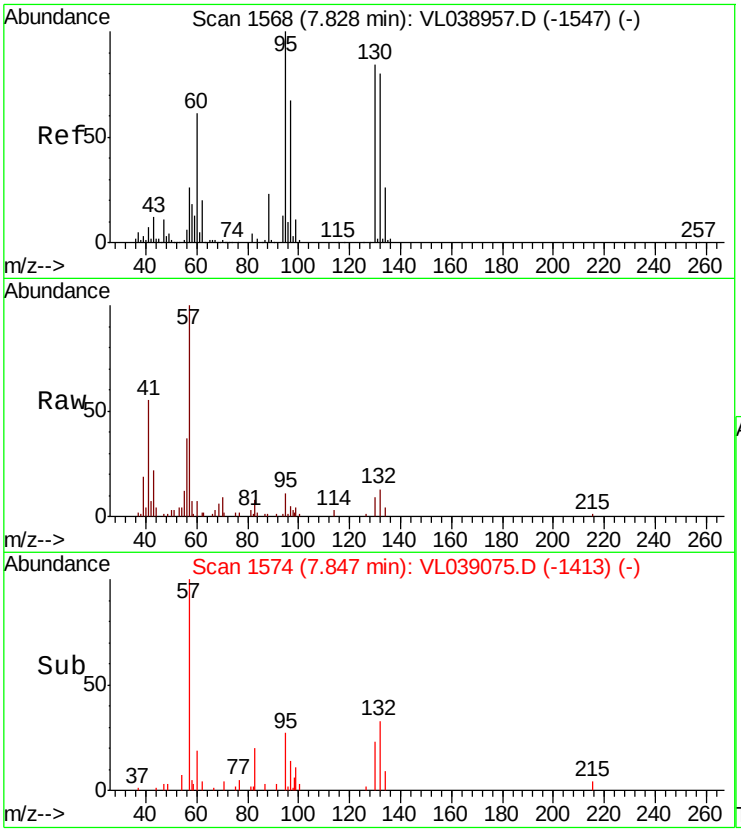


#37
1,2-Dichloroethane
Concen: 0.086 ppbv
RT: 6.32 min Scan# 1099
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 62 Resp: 9241

Ion	Ratio	Lower	Upper
62	100		
98	14.0	4.5	6.7#



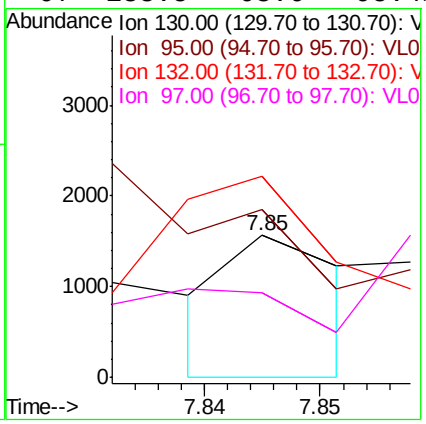


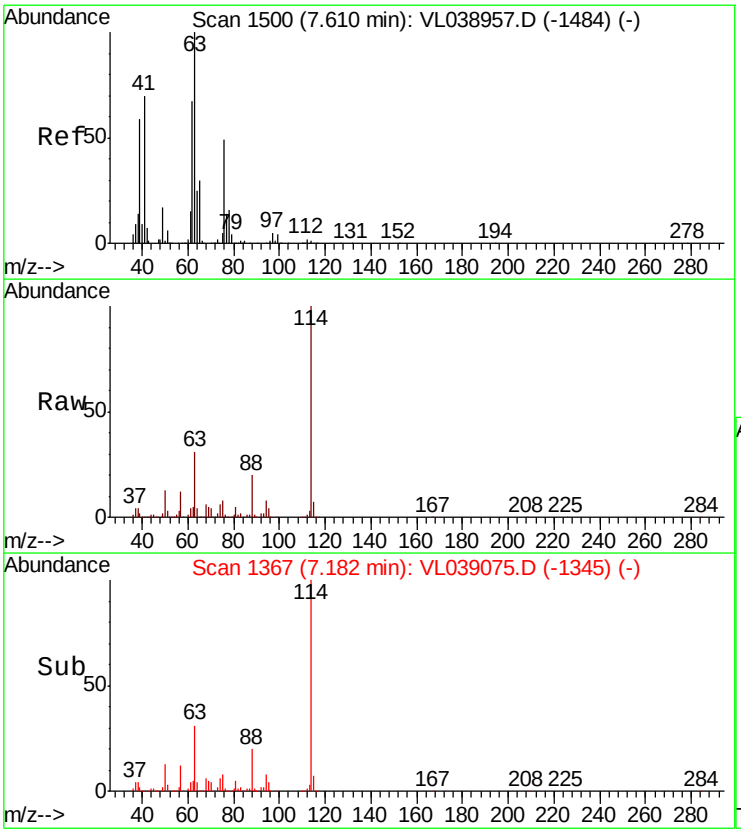
#38
Trichloroethene
Concen: 0.007 ppbv
RT: 7.85
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:130 Resp: 539

Ion	Ratio	Lower	Upper
130	100		
95	154.5	94.8	142.2#
132	144.7	75.8	113.8#
97	138.5	63.6	95.4#

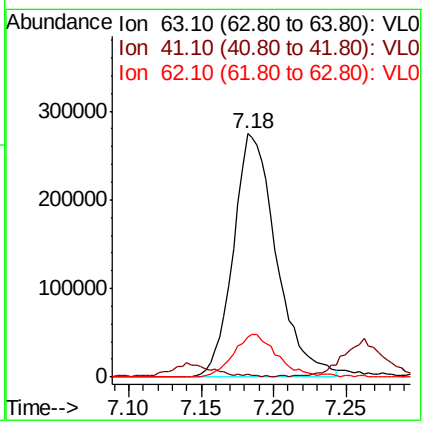


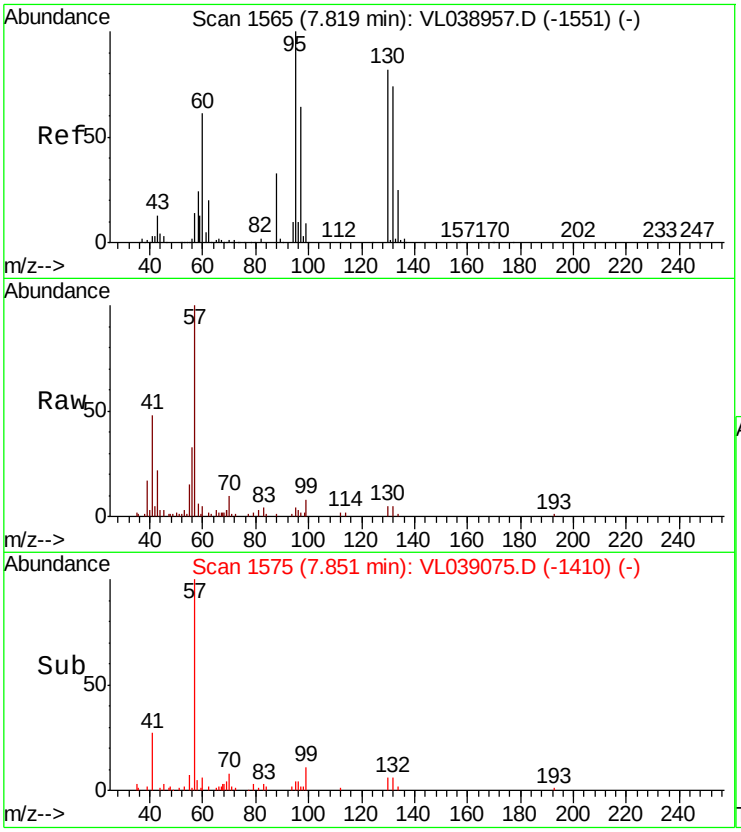


#39
1,2-Dichloropropane
Concen: 8.337 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.43 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 63 Resp: 565875

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	16.7	53.8	80.6#



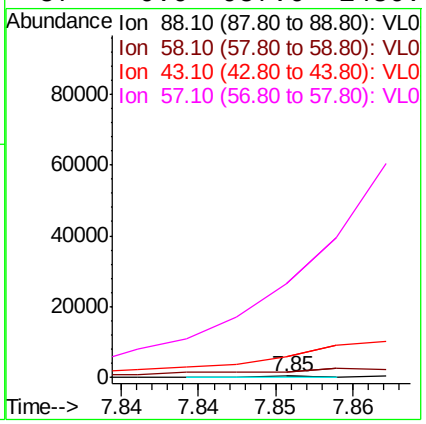


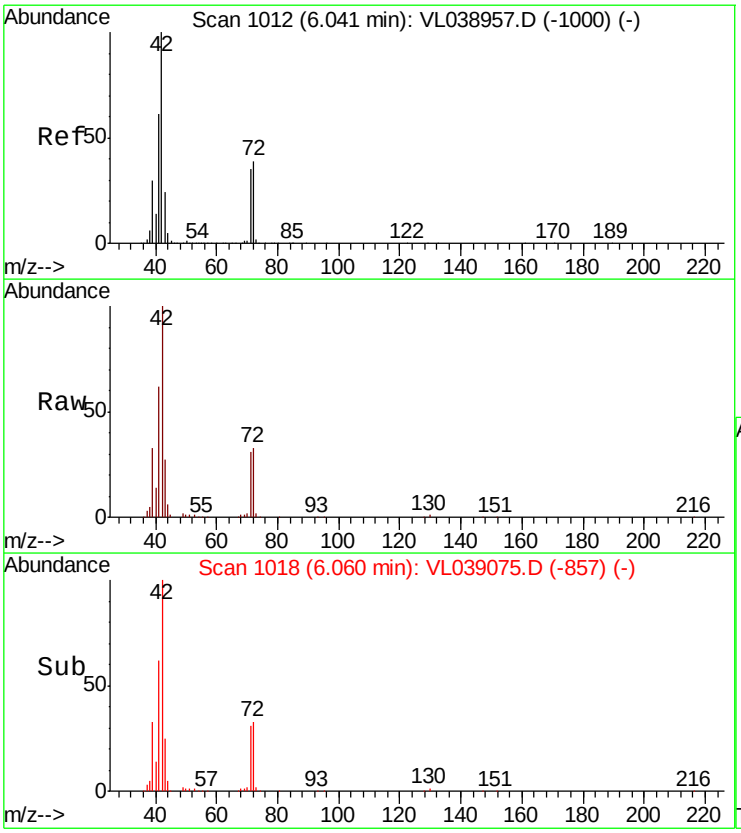
#40
1,4-Dioxane
Concen: 0.004 ppbv
RT: 7.85
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 88 Resp: 109

Ion	Ratio	Lower	Upper
88	100		
58	0.0	106.1	159.1#
43	0.0	222.9	334.3#
57	0.0	957.6	1436.4#

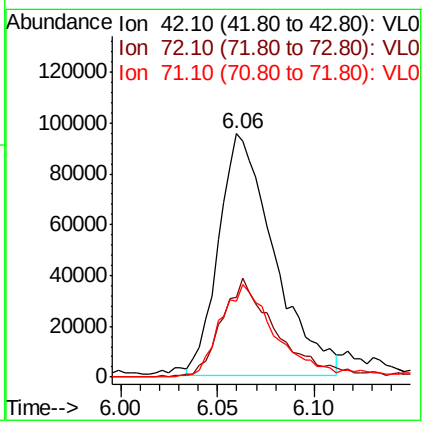


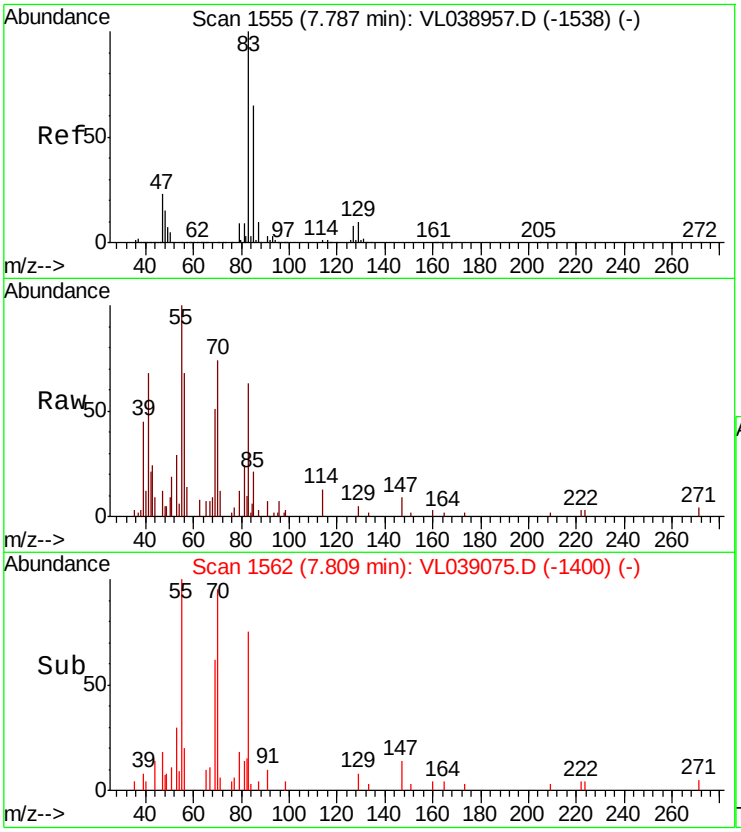


#41
Tetrahydrofuran
Concen: 2.727 ppbv
RT: 6.06 min Scan# 1018
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 42 Resp: 190636

Ion	Ratio	Lower	Upper
42	100		
72	41.9	31.8	47.6
71	40.1	30.6	45.8



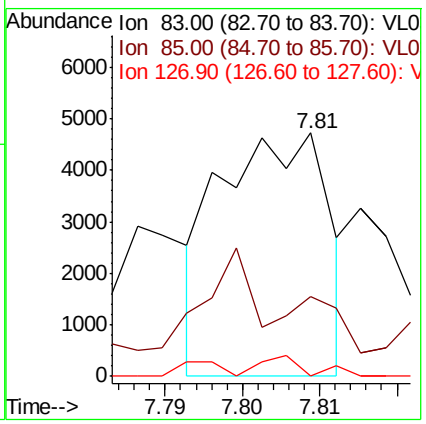


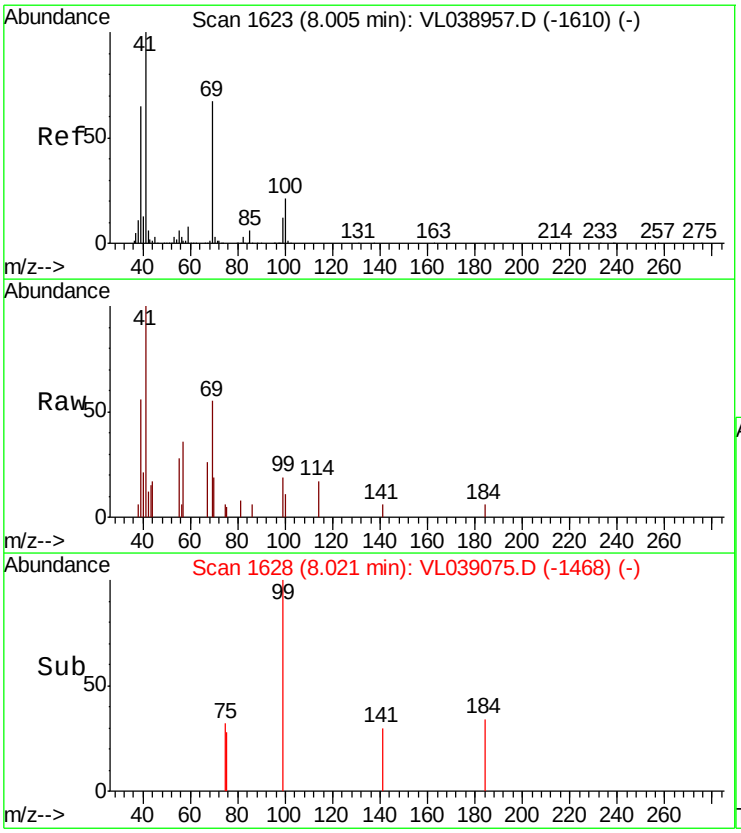
#42
Bromodichloromethane
Concen: 0.031 ppbv
RT: 7.81
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 83 Resp: 4570

Ion	Ratio	Lower	Upper
83	100		
85	15.2	52.0	78.0#
127	0.0	6.0	9.0#

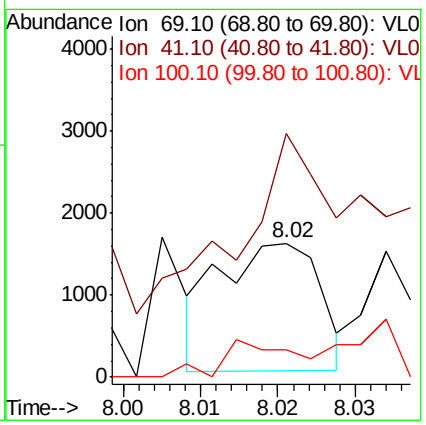


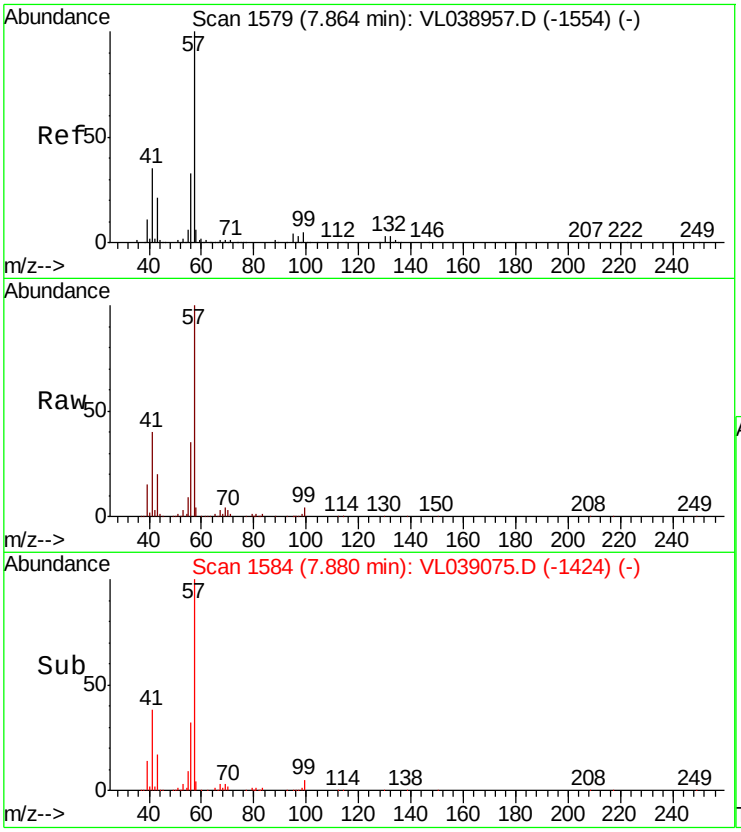


#43
Methyl Methacrylate
Concen: 0.020 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 69 Resp: 1408

Ion	Ratio	Lower	Upper
69	100		
41	0.0	121.9	182.9#
100	0.0	24.6	36.8#



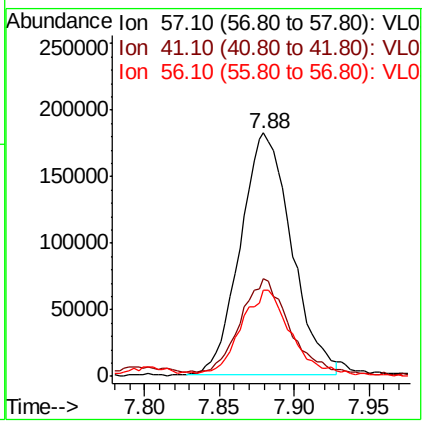


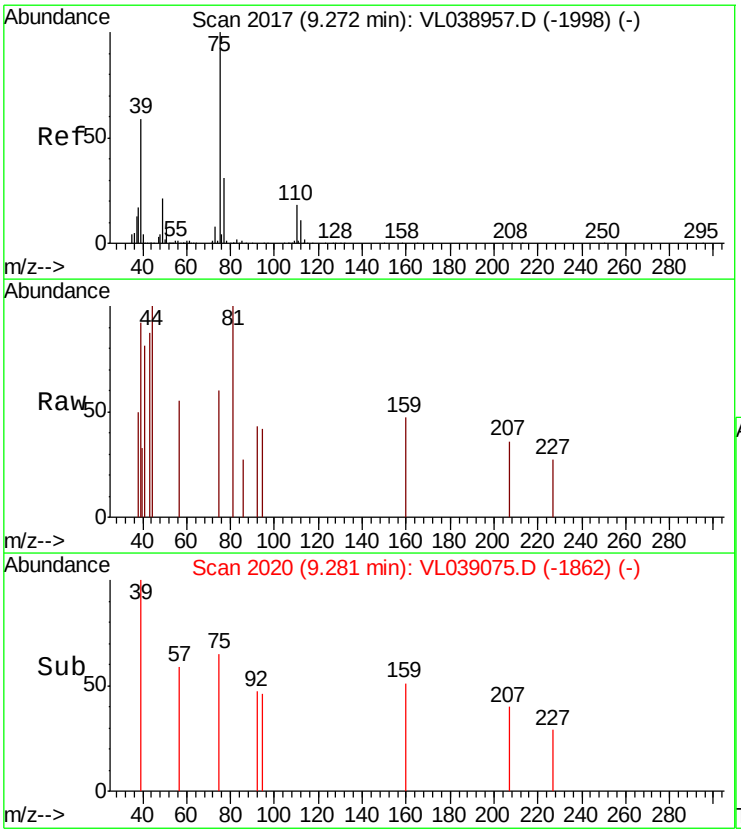
#44
2,2,4-Trimethylpentane
Concen: 1.418 ppbv
RT: 7.88
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 57 Resp: 434053

Ion	Ratio	Lower	Upper
57	100		
41	40.9	26.3	39.5#
56	35.2	24.6	37.0

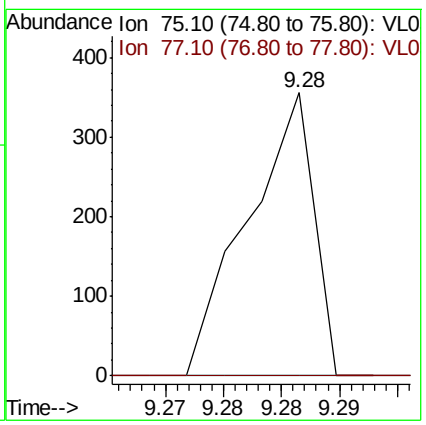


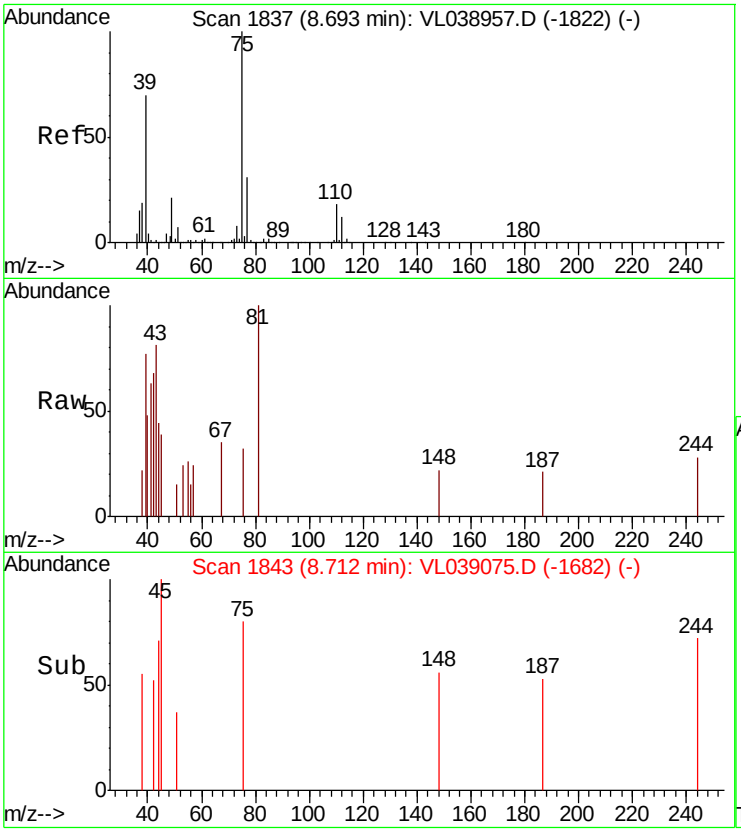


#45
t-1,3-Dichloropropene
Concen: 0.002 ppbv
RT: 9.28 min Scan# 2020
Delta R.T. 0.01 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 75 Resp: 141

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	37.0#



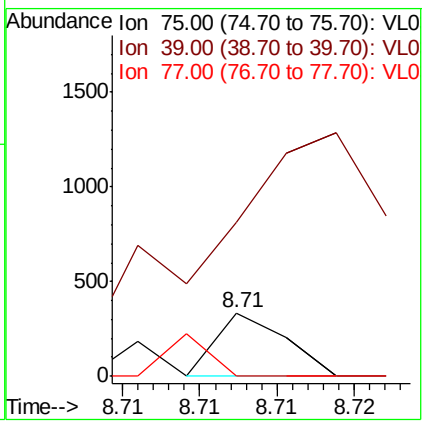


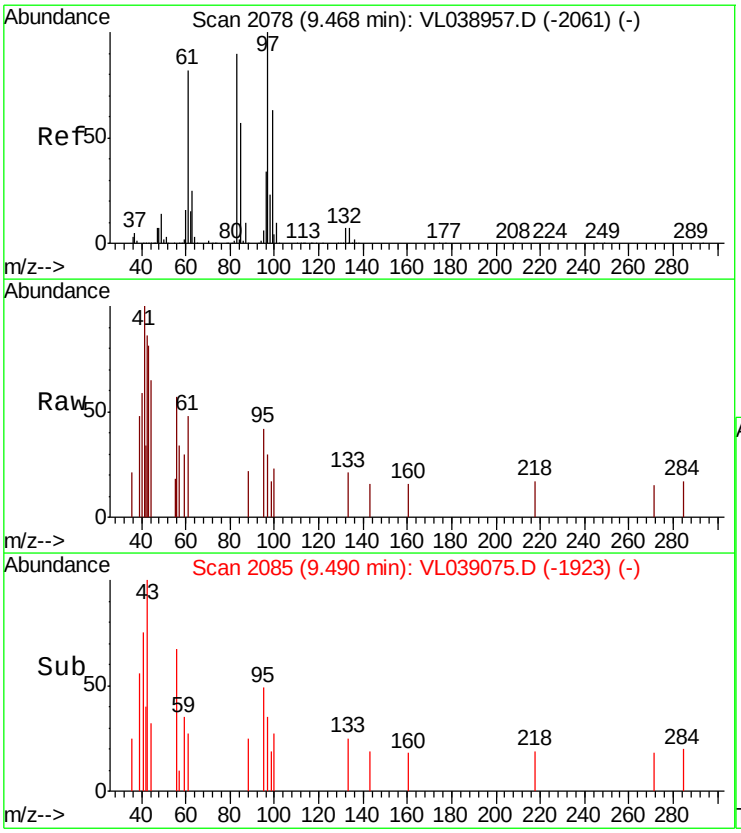
#46
cis-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 8.71
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 75 Resp: 104

Ion	Ratio	Lower	Upper
75	100		
39	97.0	55.8	83.6#
77	0.0	24.8	37.2#

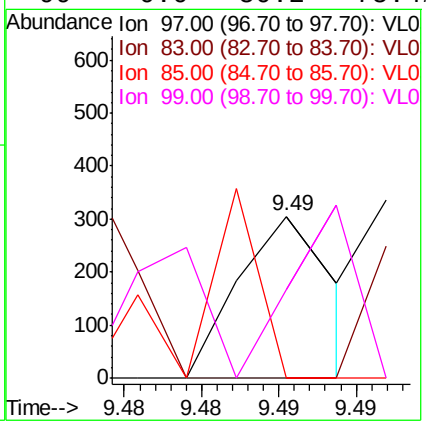


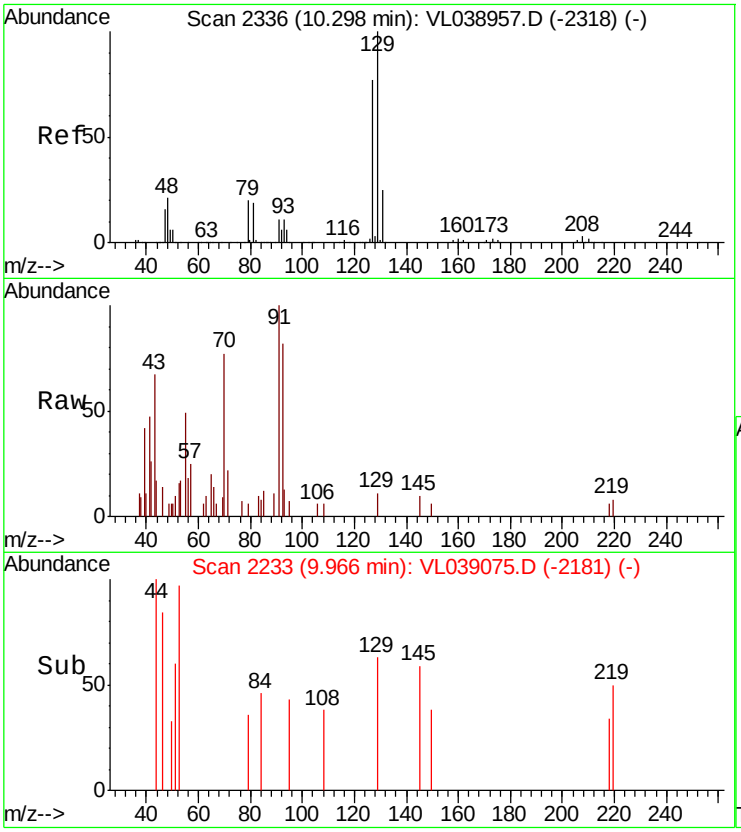


#47
1,1,2-Trichloroethane
Concen: 0.002 ppbv
RT: 9.49 min Scan# 2085
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 97 Resp: 129

Ion	Ratio	Lower	Upper
97	100		
83	0.0	72.0	108.0#
85	0.0	45.7	68.5#
99	0.0	50.2	75.4#



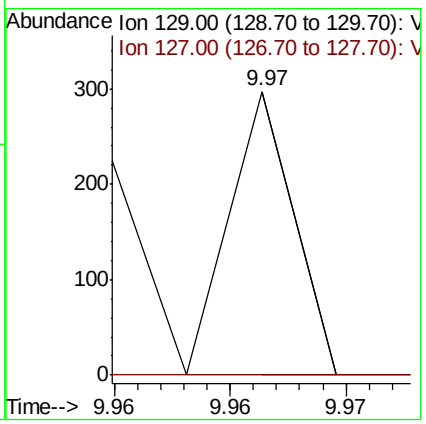


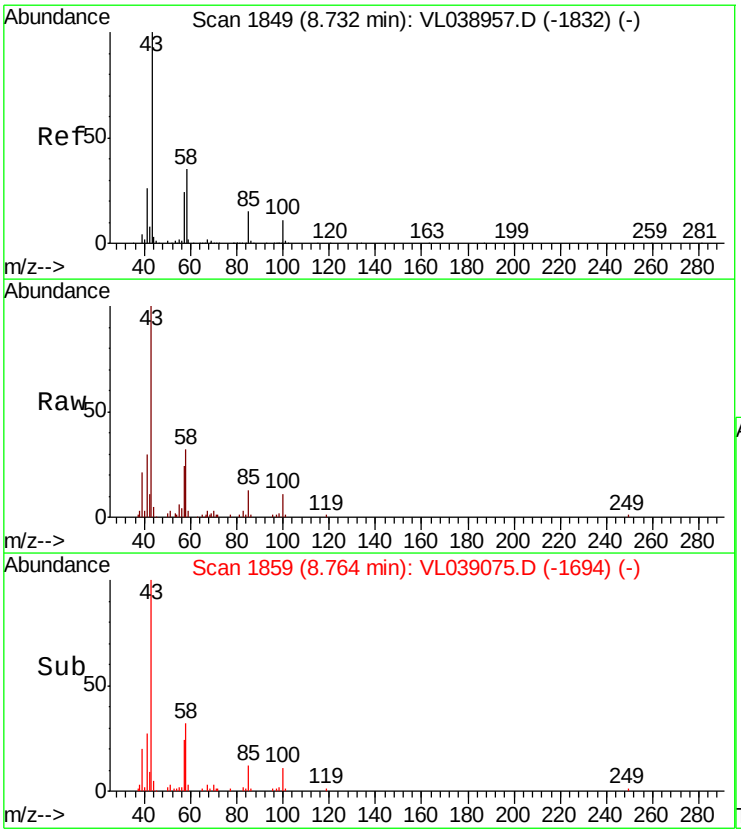
#48
Dibromochloromethane
Concen: 0.000 ppbv
RT: 9.97
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:129 Resp: 57

Ion	Ratio	Lower	Upper
129	100		
127	61.4	39.3	117.9

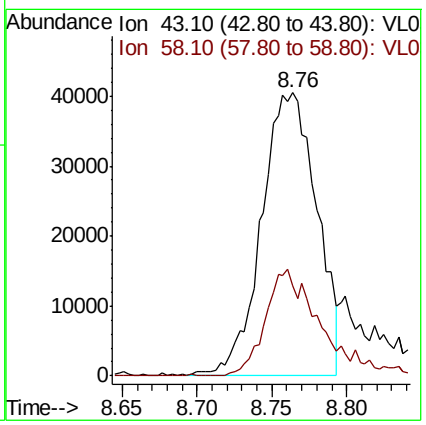


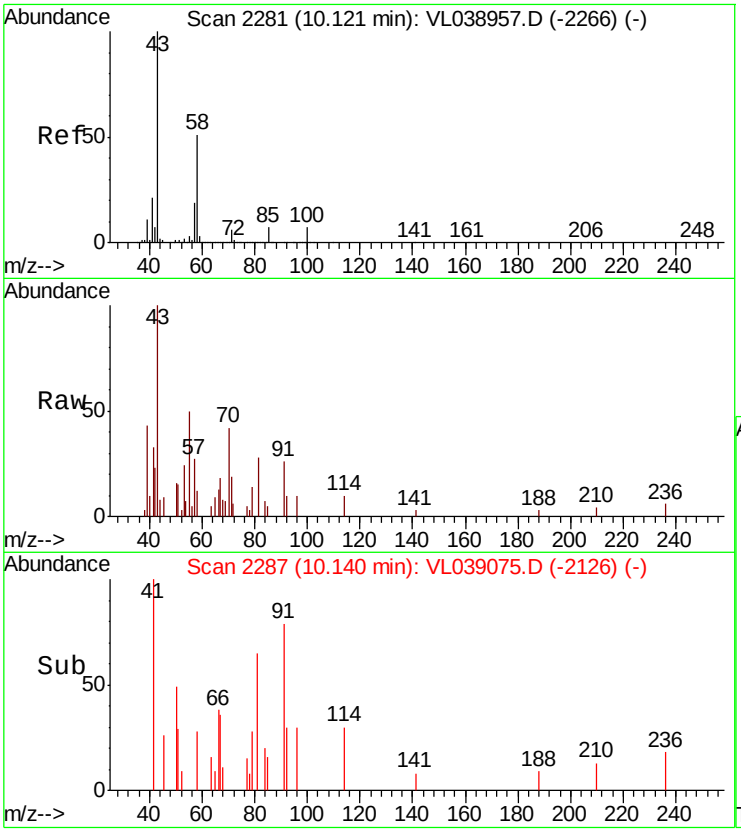


#50
4-Methyl-2-Pentanone
Concen: 0.569 ppbv
RT: 8.76 min Scan# 1859
Delta R.T. 0.03 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 43 Resp: 103834

Ion	Ratio	Lower	Upper
43	100		
58	37.9	28.4	42.6



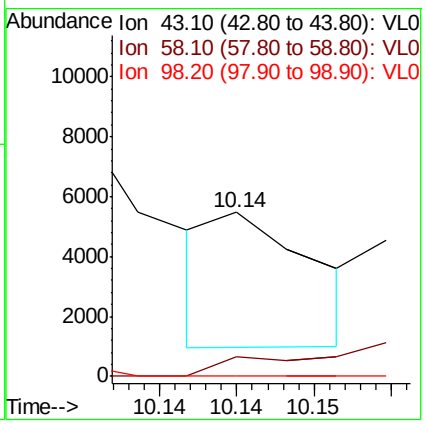


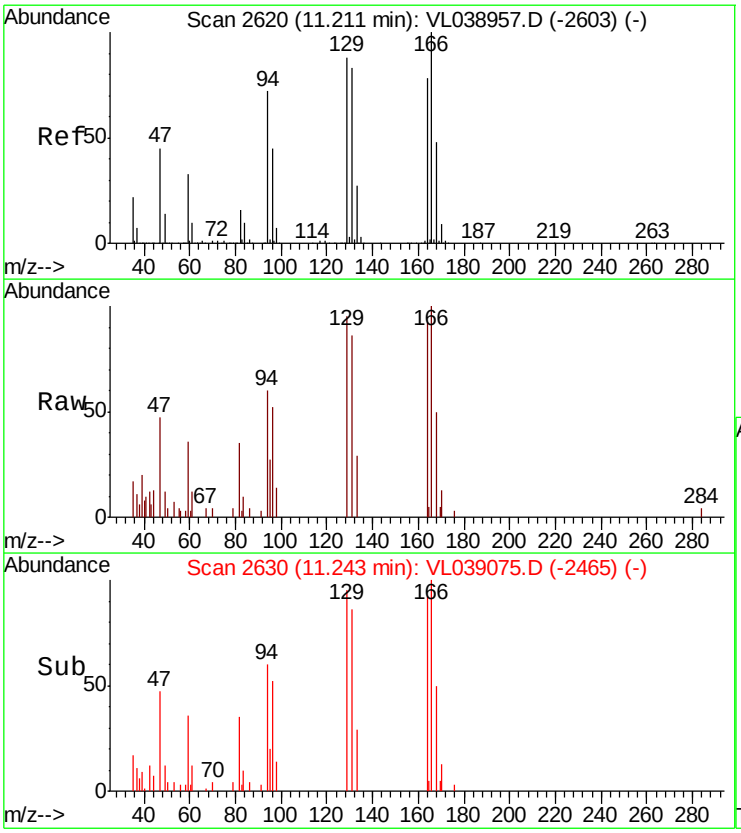
#51
2-Hexanone
Concen: 0.015 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 43 Resp: 2012

Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.3	58.9#
98	0.0	0.2	0.2#

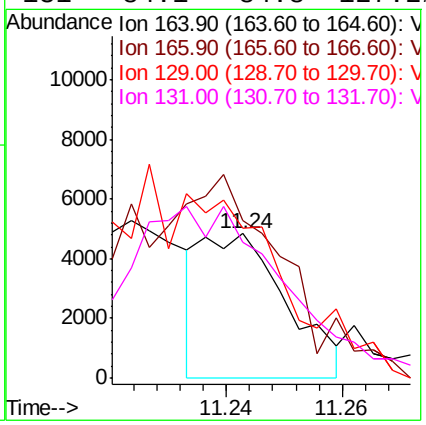


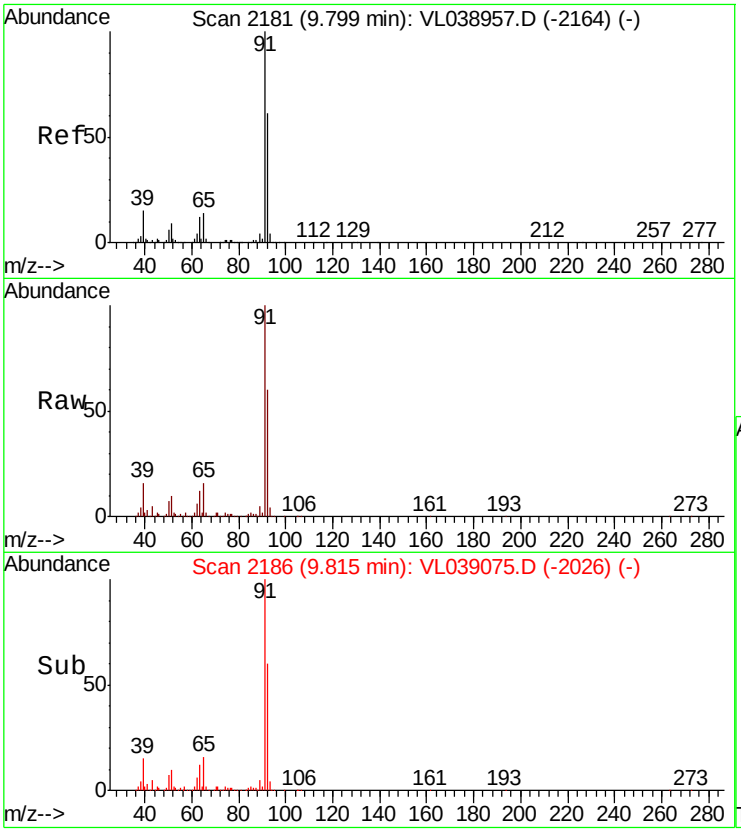


#52
Tetrachloroethene
Concen: 0.078 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. 0.03 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion:164 Resp: 4877

Ion	Ratio	Lower	Upper
164	100		
166	86.6	102.5	153.7#
129	72.0	90.1	135.1#
131	84.1	84.8	127.2#



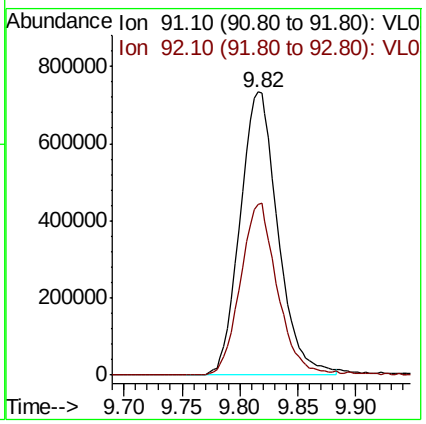


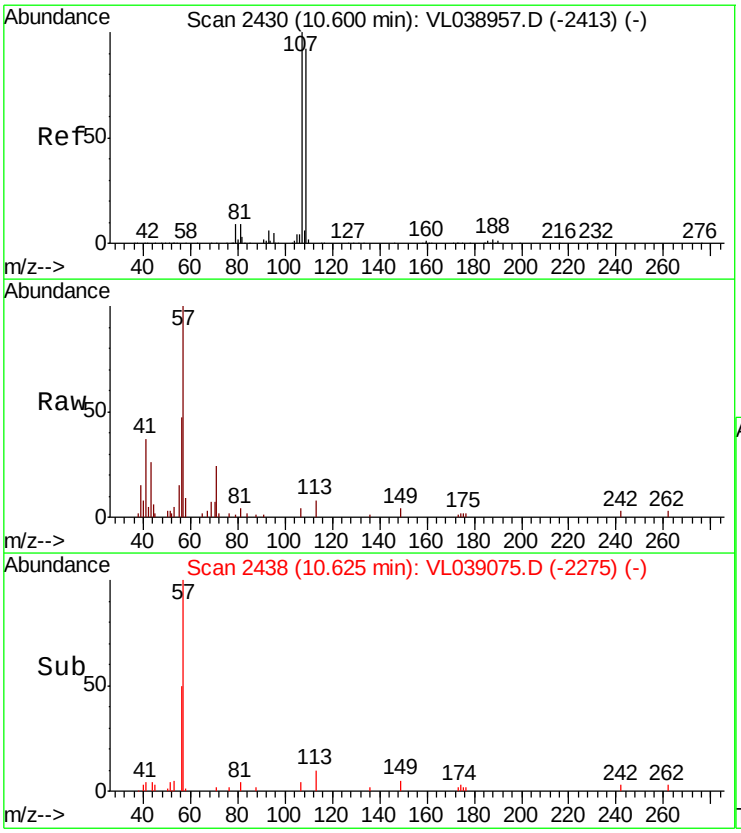
#53
Toluene
Concen: 8.527 ppbv
RT: 9.82
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 91 Resp: 1667149

Ion	Ratio	Lower	Upper
91	100		
92	60.1	48.2	72.2

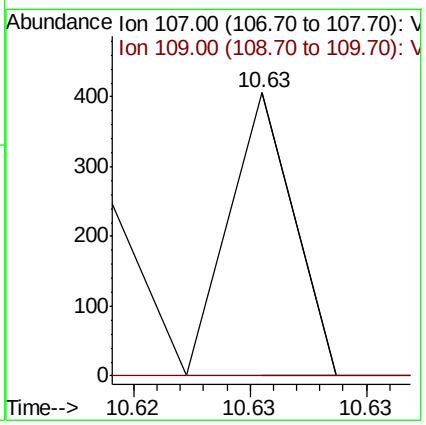


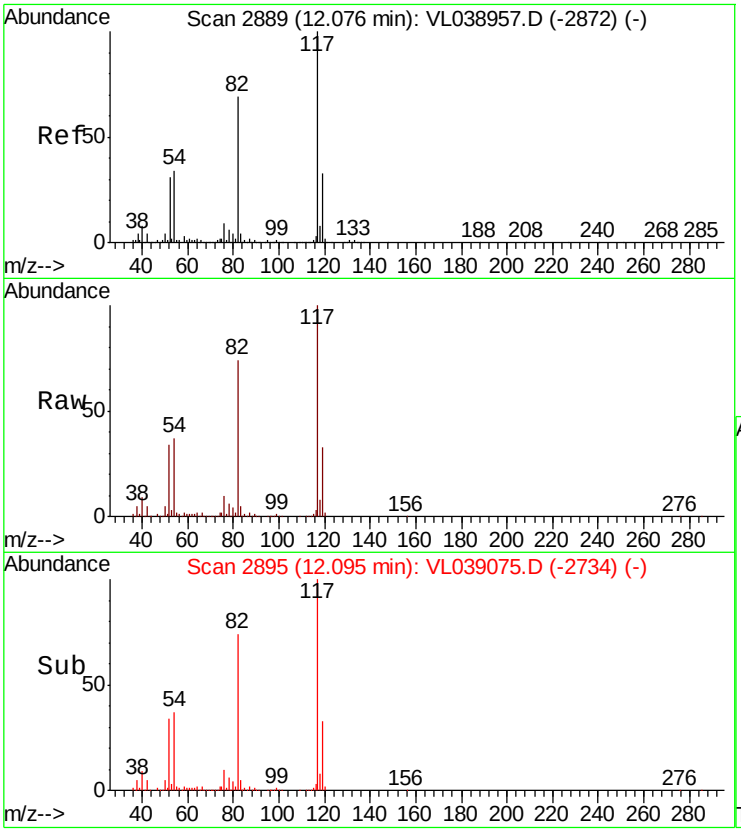


#54
1,2-Dibromoethane
Concen: 0.001 ppbv
RT: 10.63 min Scan# 2438
Delta R.T. 0.03 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion:107 Resp: 78

Ion	Ratio	Lower	Upper
107	100		
109	0.0	73.8	110.8#



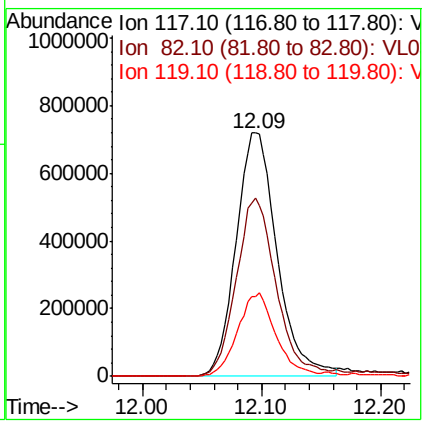


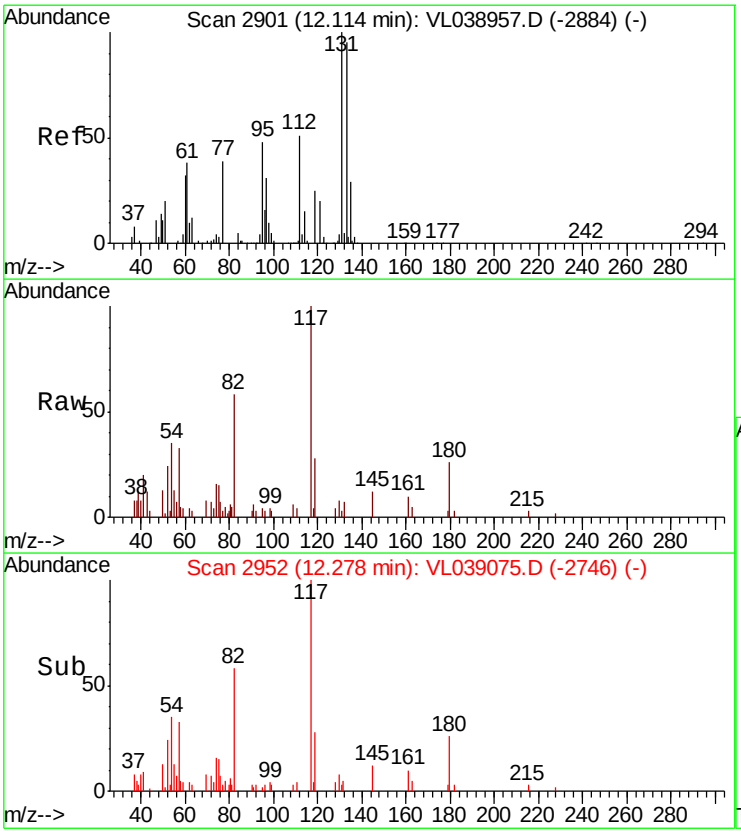
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:117 Resp: 1719744

Ion	Ratio	Lower	Upper
117	100		
82	75.0	57.0	85.6
119	33.6	27.2	40.8

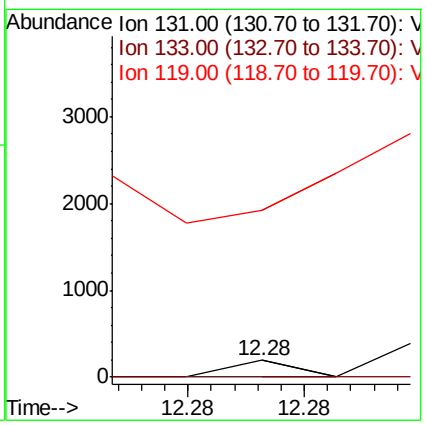


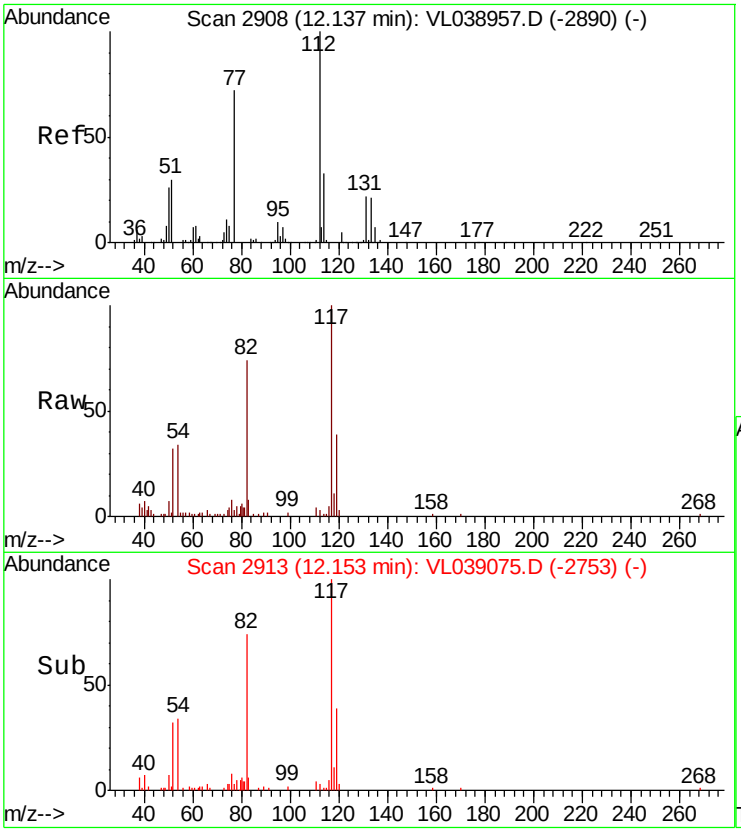


#56
1,1,1,2-Tetrachloroethane
Concen: 0.000 ppbv
RT: 12.28 min Scan# 2952
Delta R.T. 0.16 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion:131 Resp: 37

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.9	115.3#
119	1554691.9	47.4	71.0#



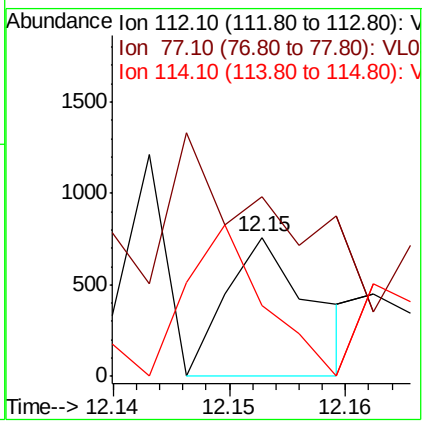


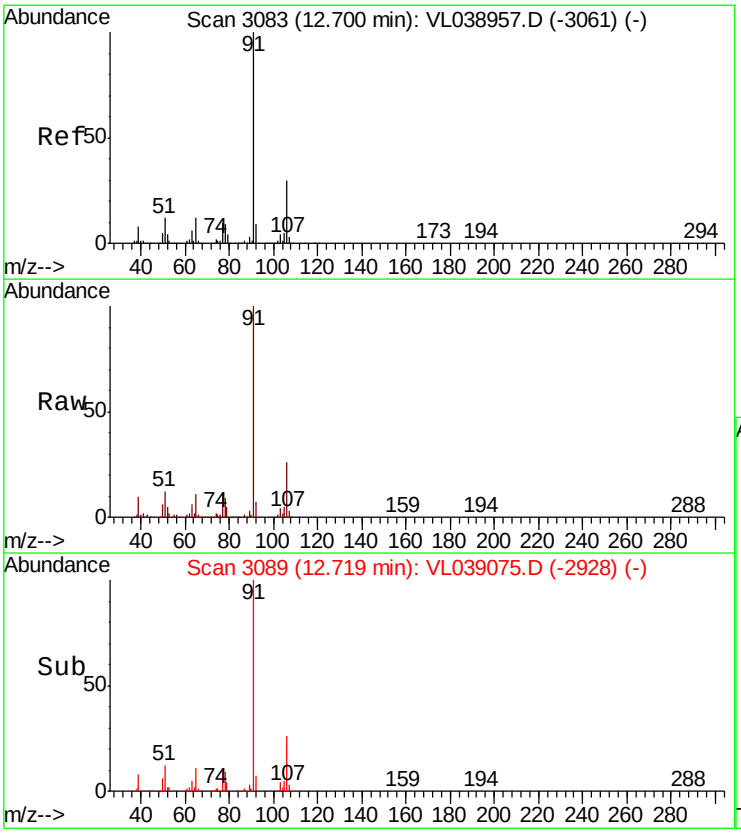
#57
Chlorobenzene
Concen: 0.003 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:112 Resp: 389

Ion	Ratio	Lower	Upper
112	100		
77	13.9	57.7	86.5#
114	51.2	30.1	36.7#

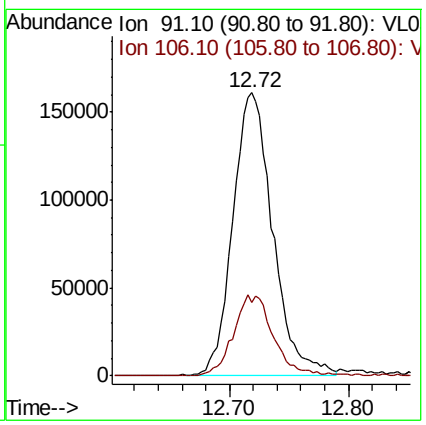


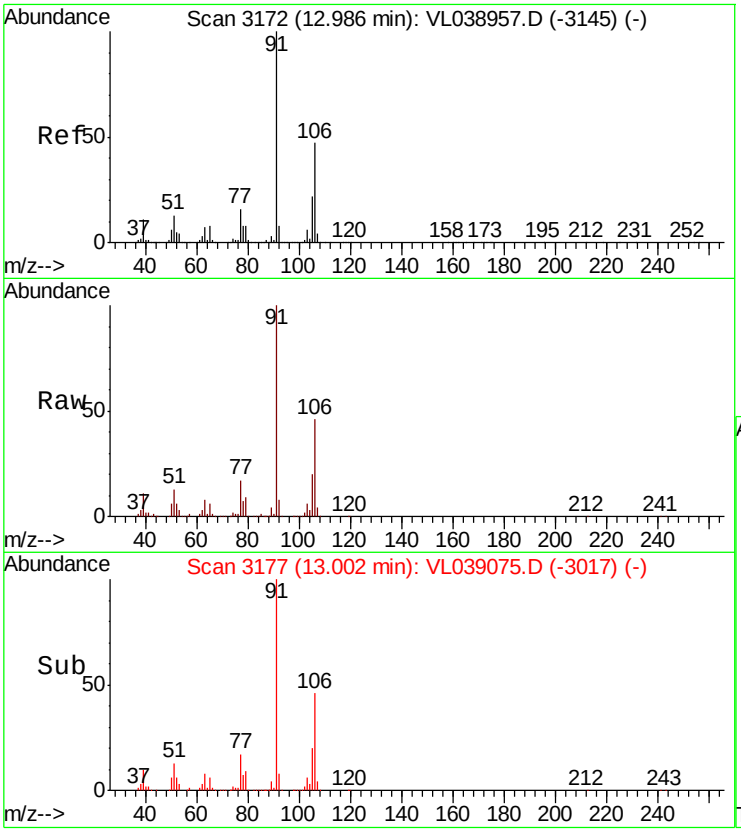


#58
Ethyl Benzene
Concen: 1.505 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 91 Resp: 372439

Ion	Ratio	Lower	Upper
91	100		
106	26.0	24.2	36.4



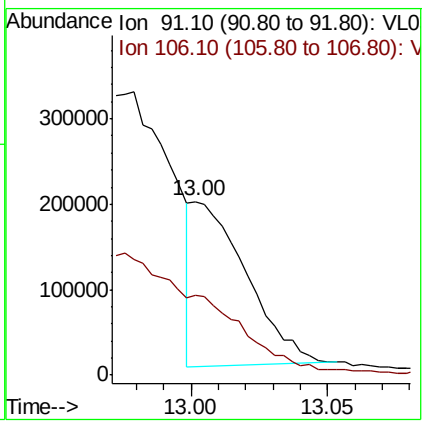


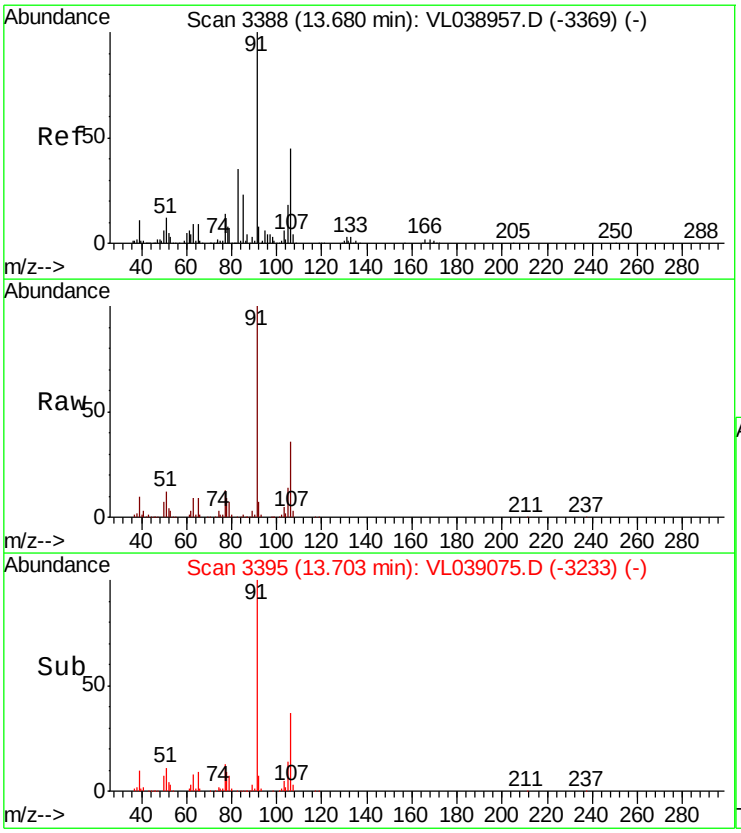
#59
m/p-Xylene
Concen: 1.245 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 91 Resp: 263150

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.6	52.0#

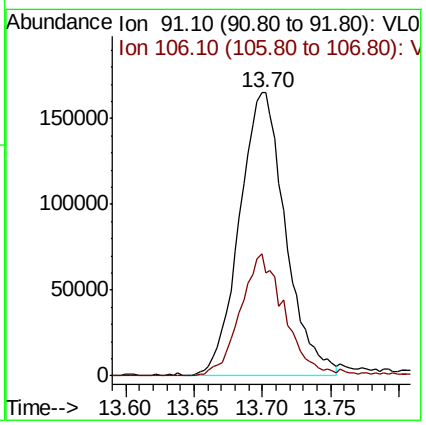


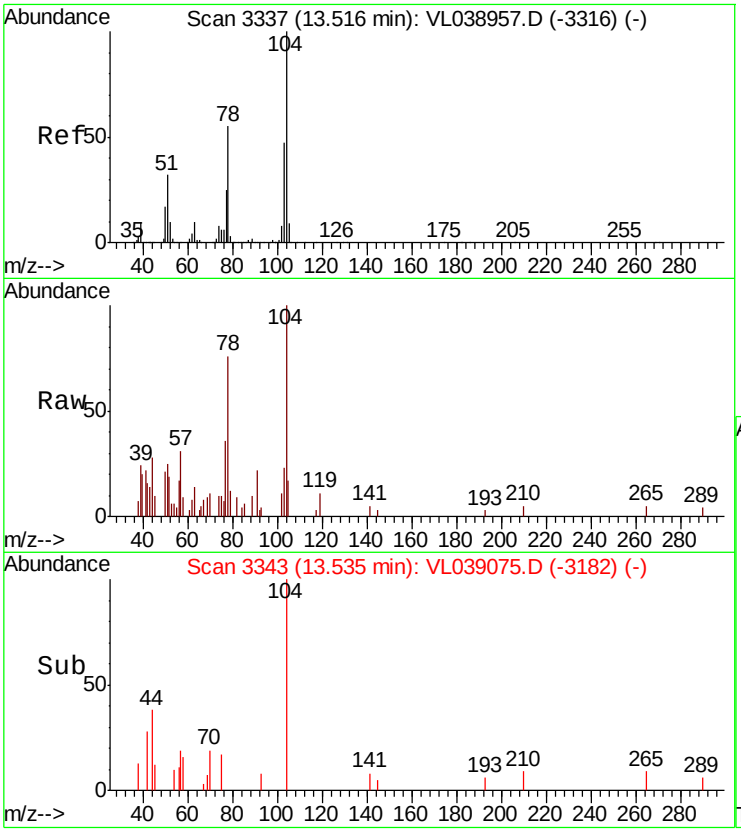


#60
o-Xylene
Concen: 1.937 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 91 Resp: 385282

Ion	Ratio	Lower	Upper
91	100		
106	41.9	22.2	66.6



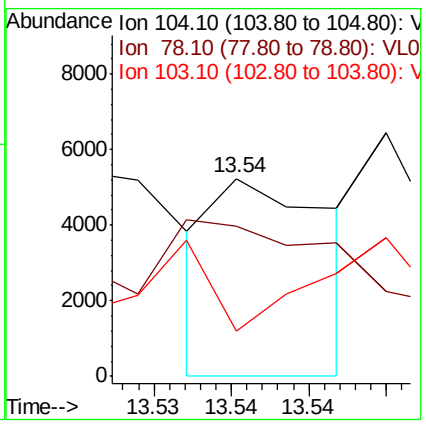


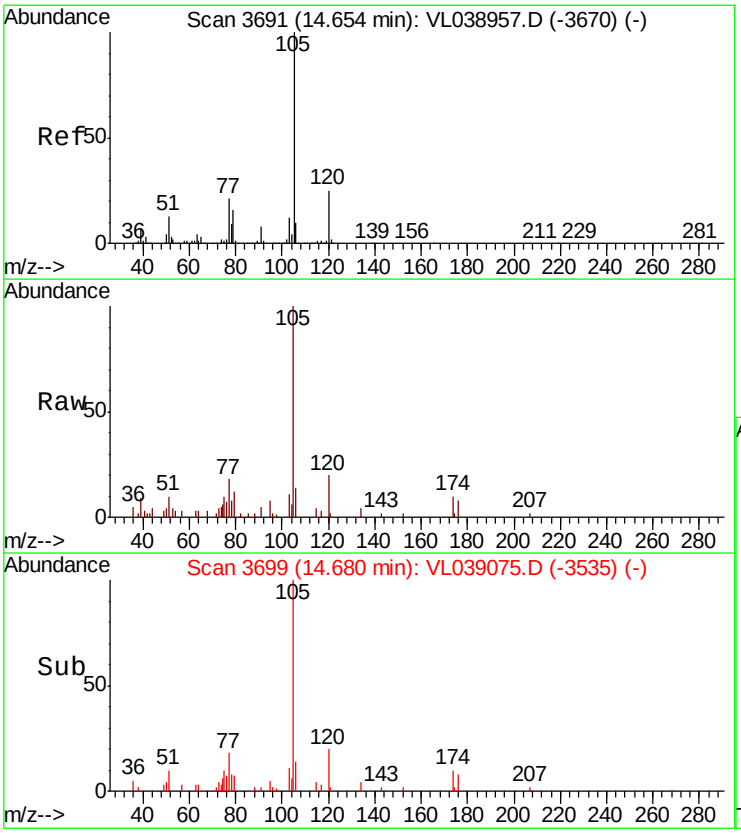
#61
Stvrene
Concen: 0.026 ppbv
RT: 13.54
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:104 Resp: 2730

Ion	Ratio	Lower	Upper
104	100		
78	306.1	46.4	69.6#
103	0.0	39.3	58.9#

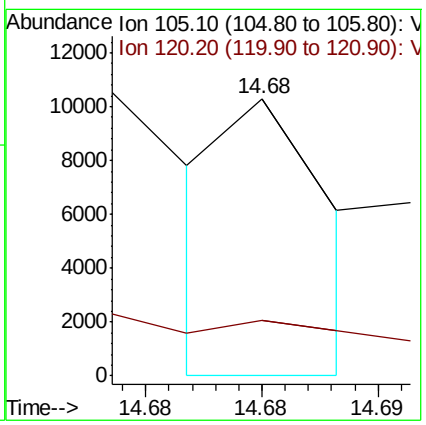


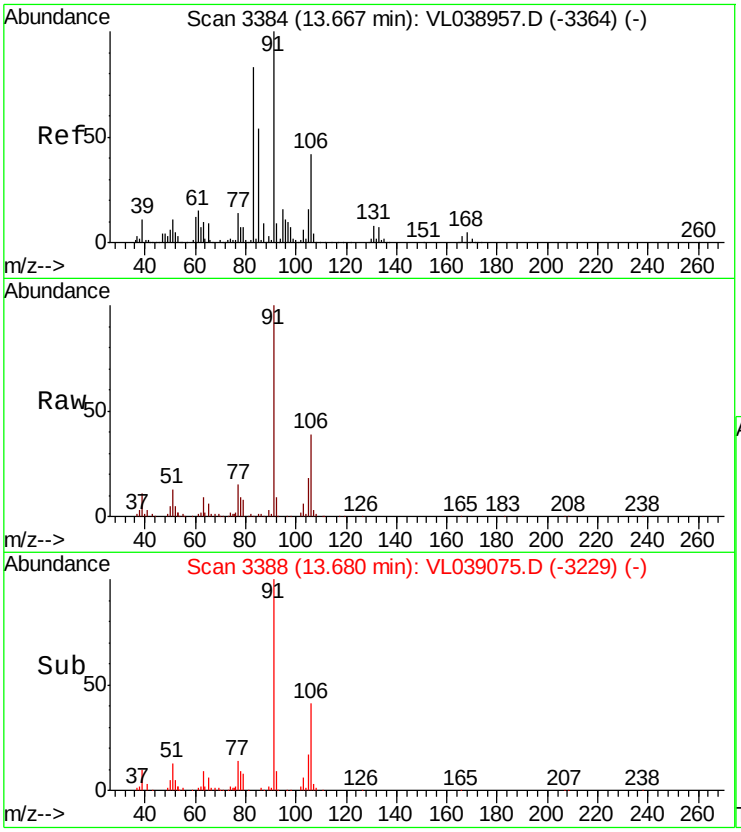


#62
Isopropylbenzene
Concen: 0.011 ppbv
RT: 14.68 min Scan# 3699
Delta R.T. 0.03 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion:105 Resp: 3177

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.5	30.7#



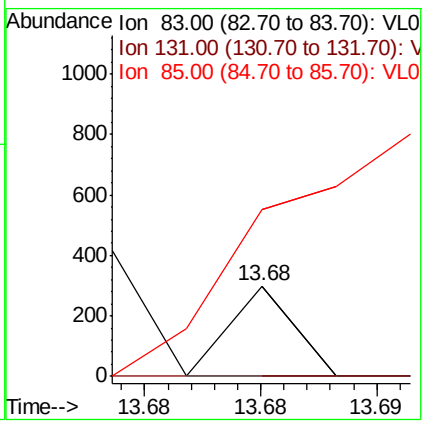


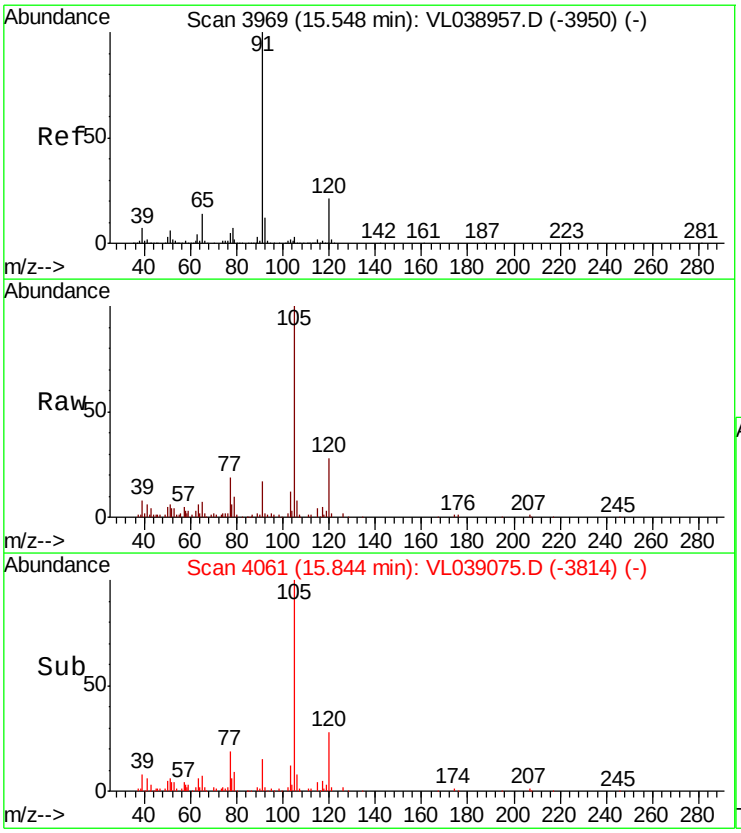
#63
1,1,2,2-Tetrachloroethane
Concen: 0.000 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 83 Resp: 58

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.7#
85	0.0	32.8	98.3#

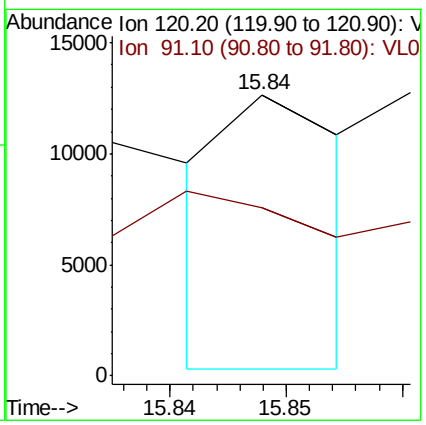


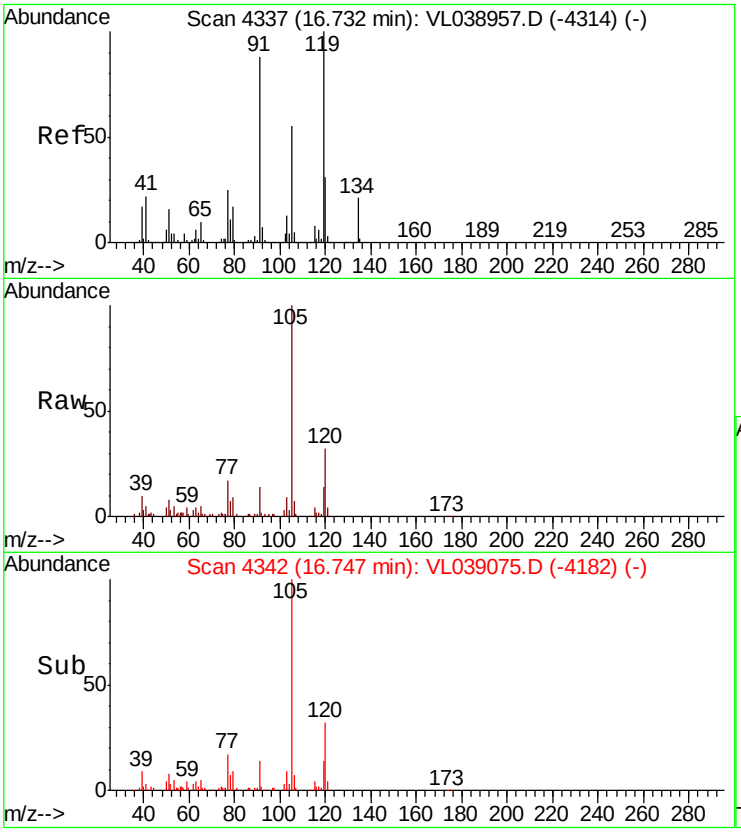


#64
n-propylbenzene
Concen: 0.063 ppbv
RT: 15.84 min Scan# 4061
Delta R.T. 0.30 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion:120 Resp: 4414

Ion	Ratio	Lower	Upper
120	100		
91	426.0	400.6	601.0



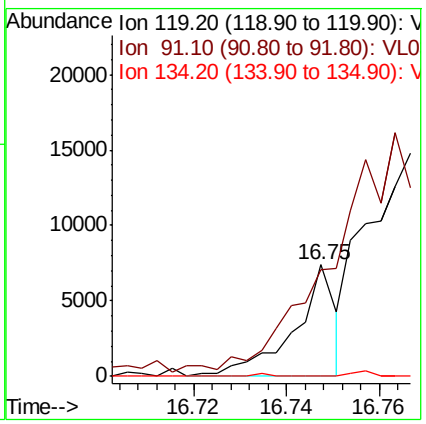


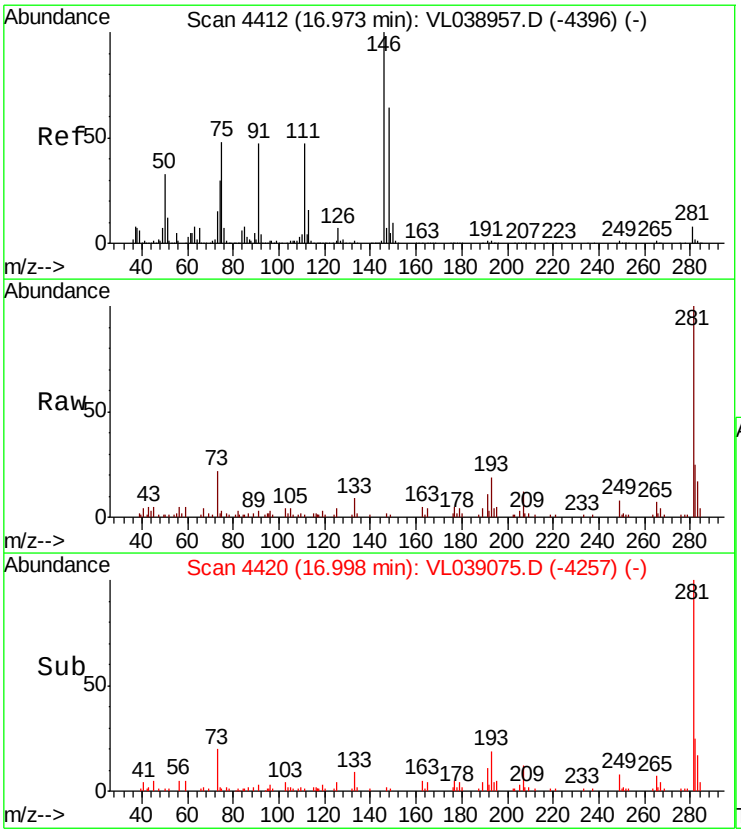
#65
tert-Butylbenzene
Concen: 0.018 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:119 Resp: 4497

Ion	Ratio	Lower	Upper
119	100		
91	0.0	69.4	104.2#
134	0.0	15.8	23.8#

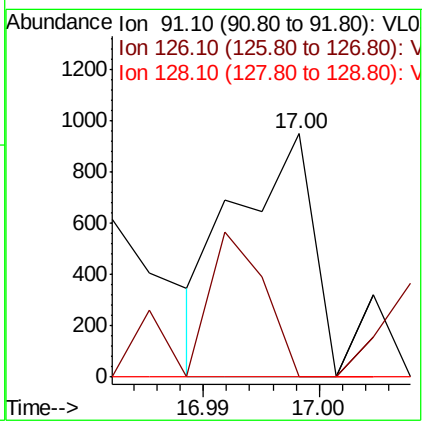


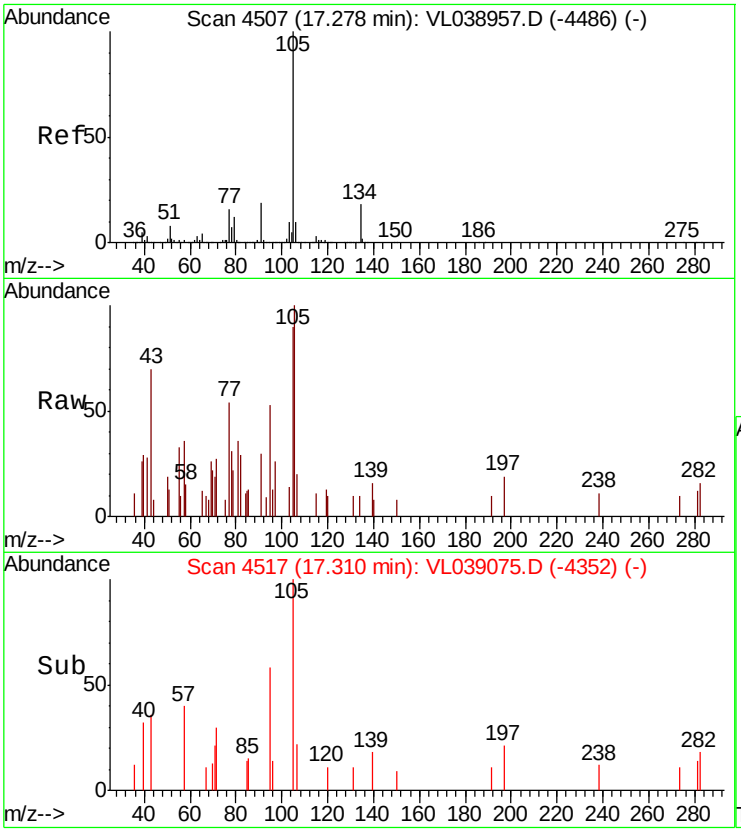


#66
Benzyl Chloride
Concen: 0.013 ppbv
RT: 17.00 min Scan# 4420
Delta R.T. 0.03 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 91 Resp: 440

Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.8	17.6#
128	0.0	4.2	6.2#



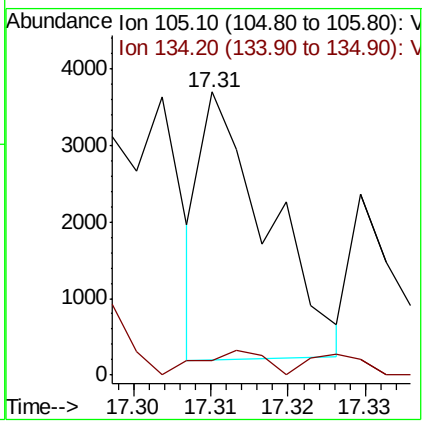


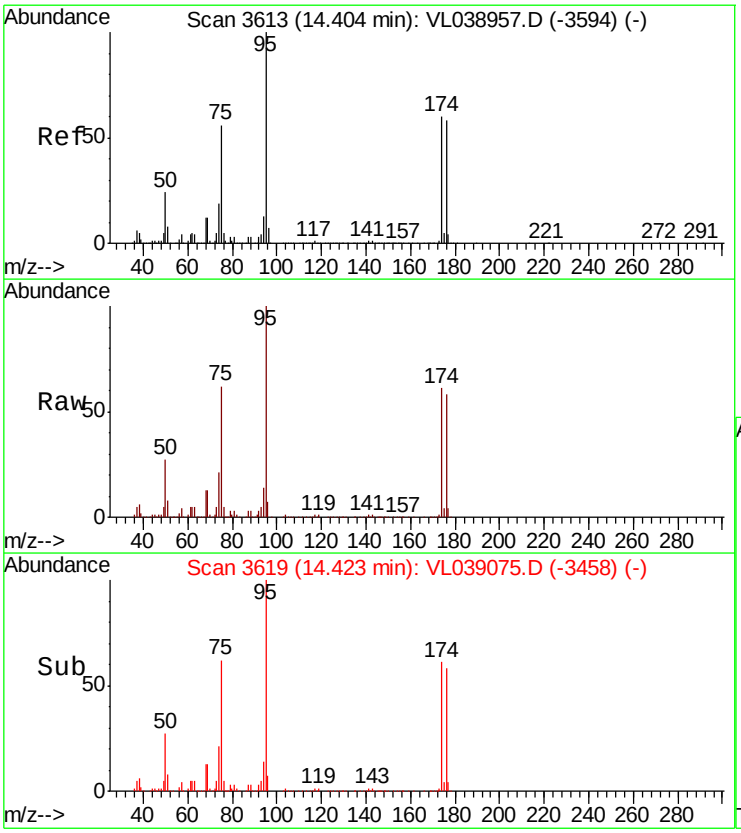
#67
sec-Butylbenzene
Concen: 0.006 ppbv
RT: 17.31
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:105 Resp: 2097

Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.2	21.4#

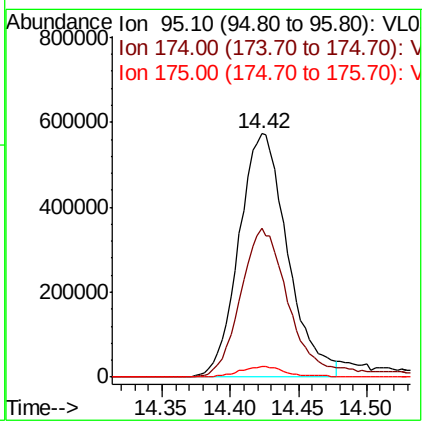


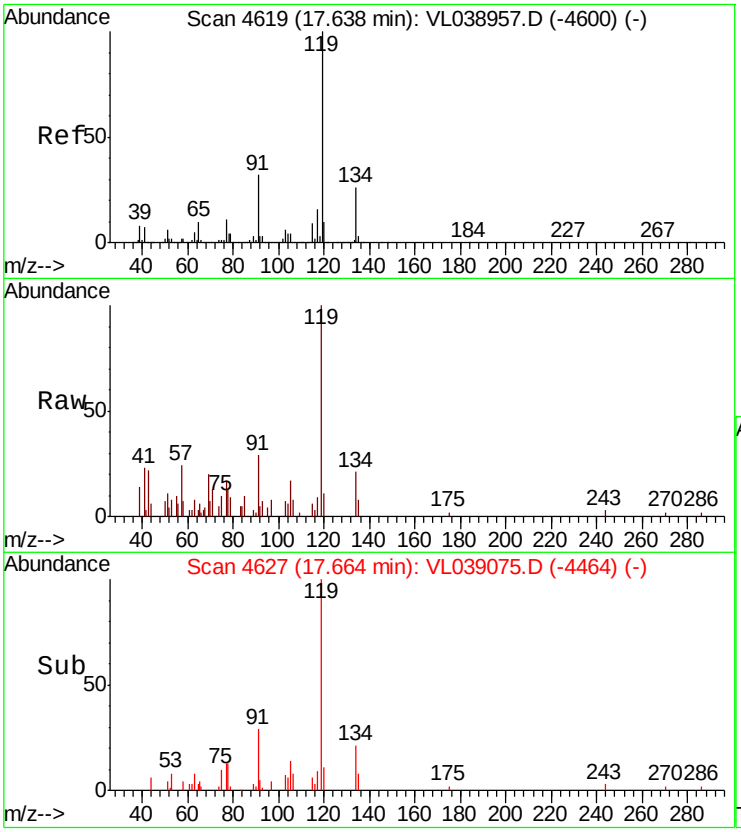


#68
1-Bromo-4-Fluorobenzene
Concen: 10.390 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 95 Resp: 1415028

Ion	Ratio	Lower	Upper
95	100		
174	65.0	50.8	76.2
175	4.4	3.8	5.6



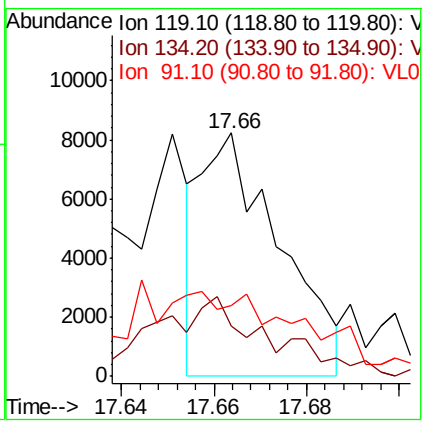


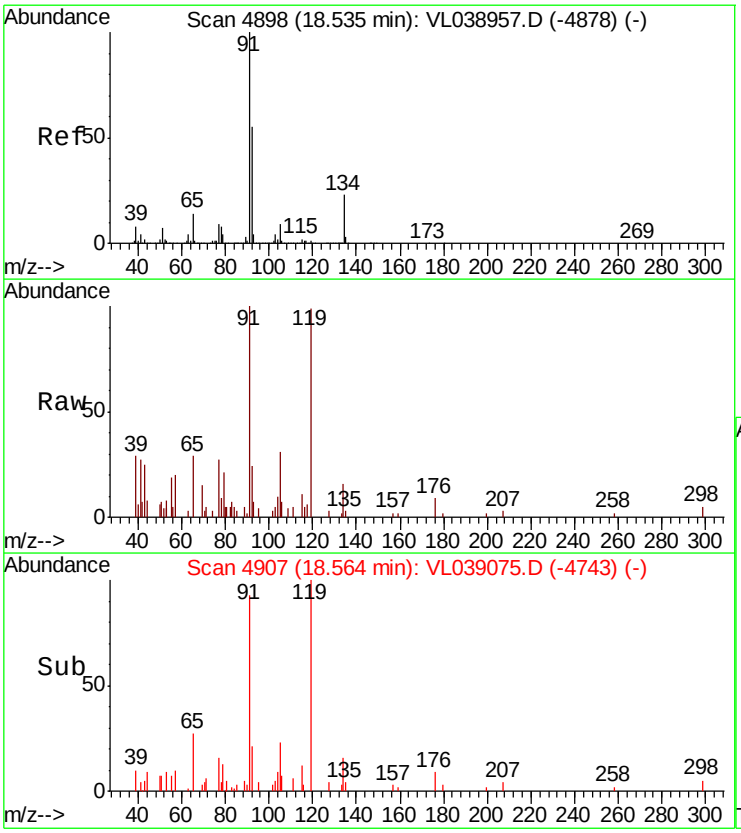
#69
p-Isopropyltoluene
Concen: 0.033 ppbv
RT: 17.66
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:119 Resp: 9703

Ion	Ratio	Lower	Upper
119	100		
134	55.5	20.0	30.0#
91	75.8	24.8	37.2#

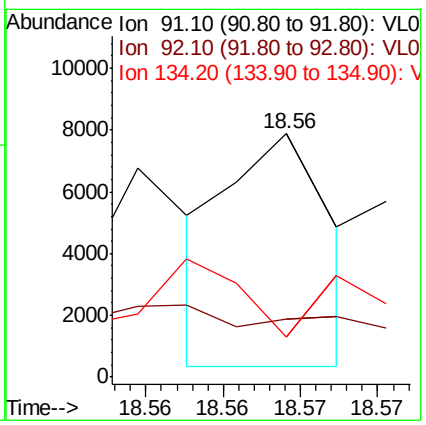


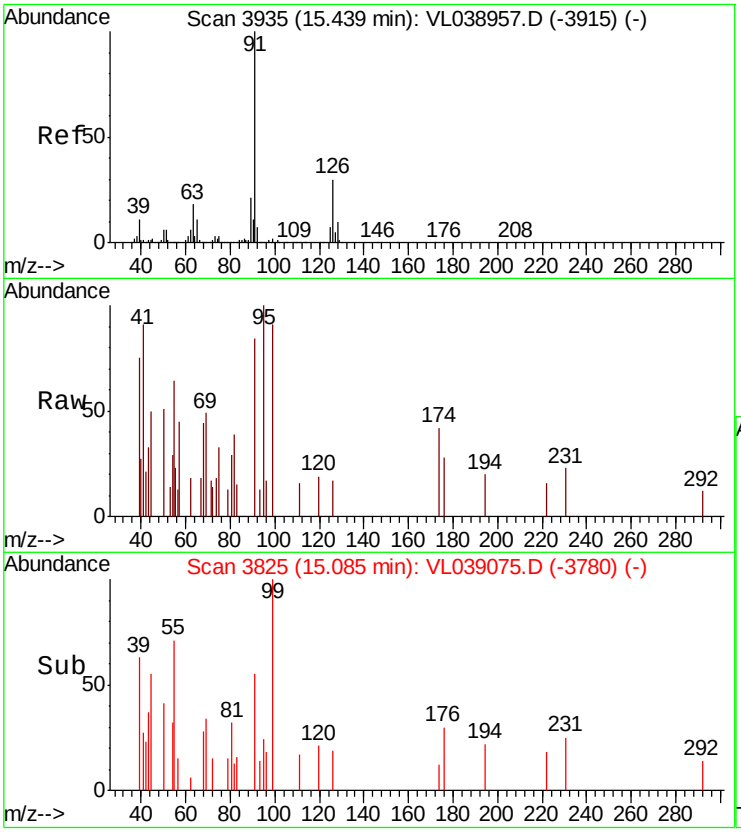


#70
n-Butylbenzene
Concen: 0.011 ppbv
RT: 18.56 min Scan# 4907
Delta R.T. 0.03 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion: 91 Resp: 3476

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.1	64.7#
134	0.0	17.0	25.4#



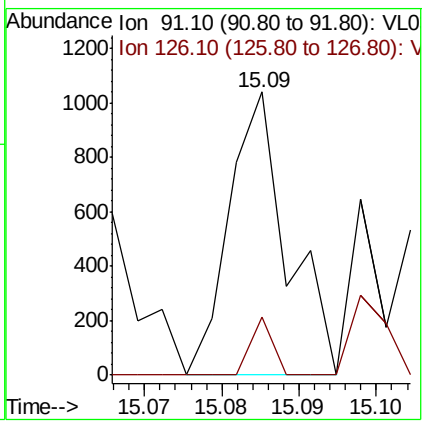


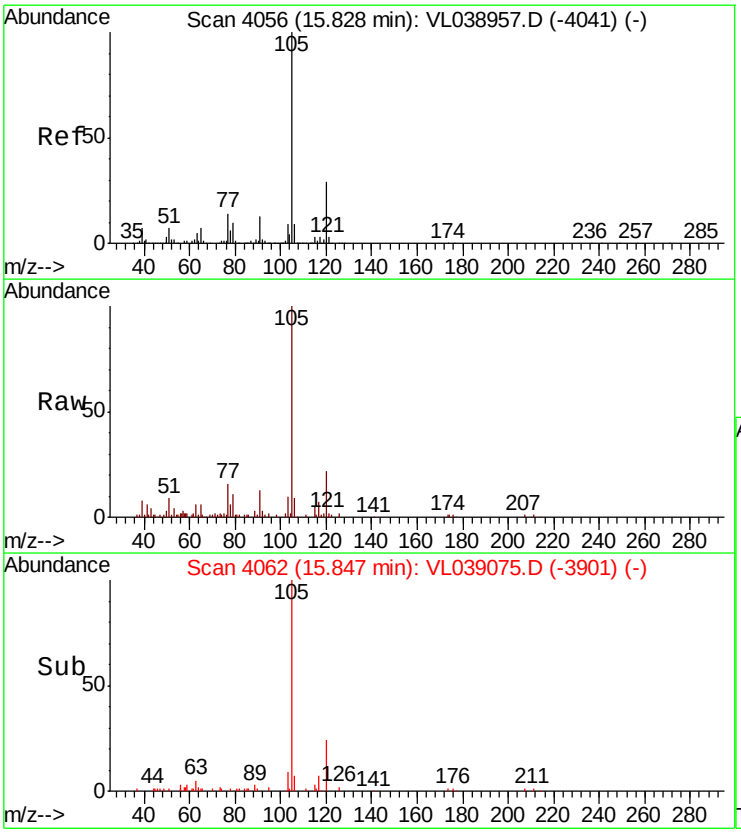
#71
2-Chlorotoluene
Concen: 0.002 ppbv
RT: 15.09
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion: 91 Resp: 544

Ion	Ratio	Lower	Upper
91	100		
126	24.6	11.9	47.5

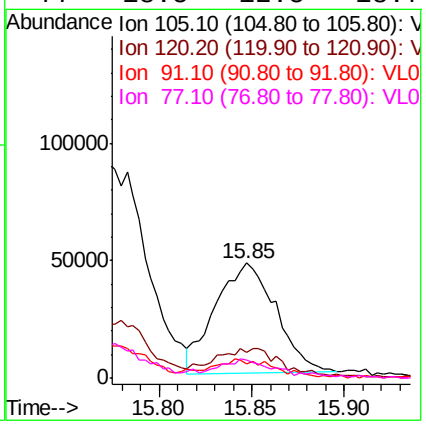


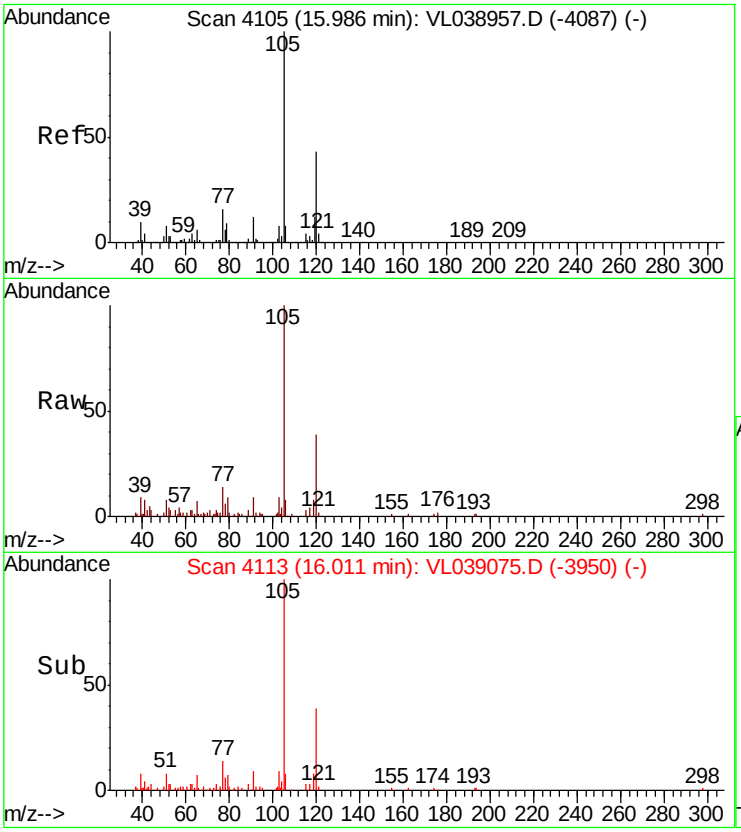


#72
4-Ethyltoluene
Concen: 0.471 ppbv
RT: 15.85 min Scan# 4062
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion:105 Resp: 106813

Ion	Ratio	Lower	Upper
105	100		
120	32.4	23.4	35.0
91	17.6	10.6	16.0#
77	18.5	12.5	18.7



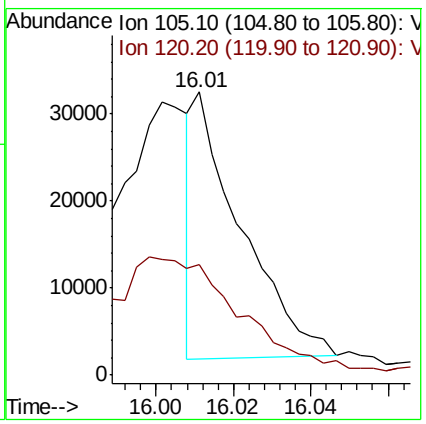


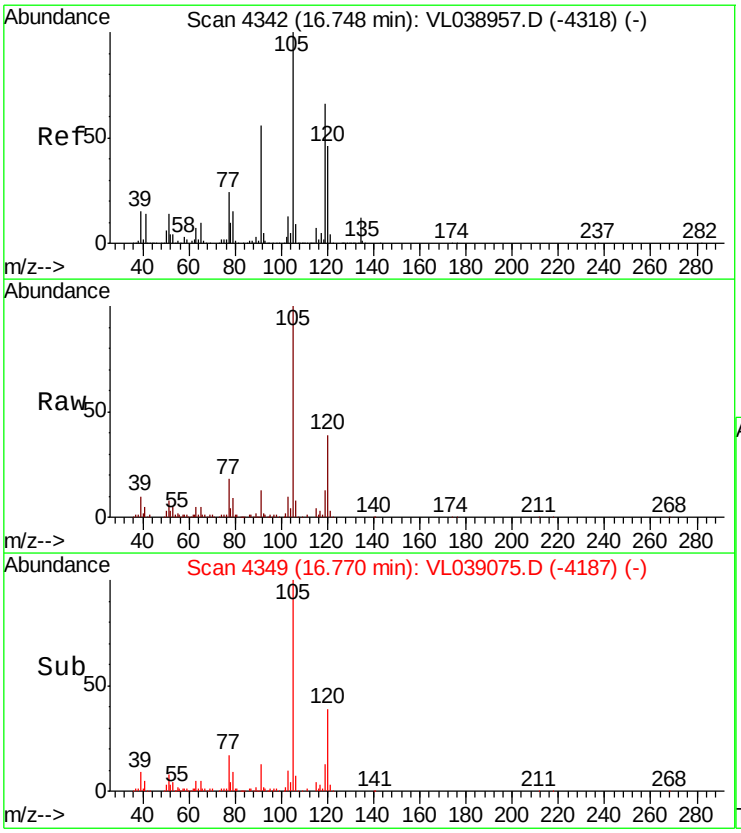
#73
1,3,5-Trimethylbenzene
Concen: 0.126 ppbv
RT: 16.01
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:105 Resp: 25728

Ion	Ratio	Lower	Upper
105	100		
120	36.6	34.4	51.6

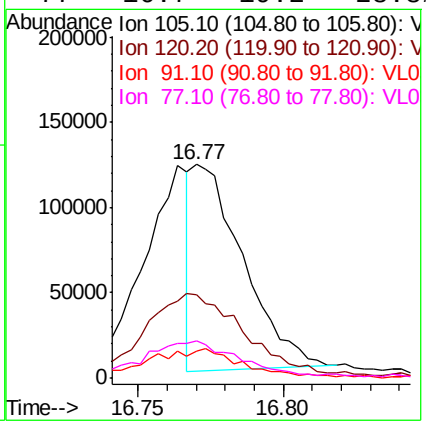


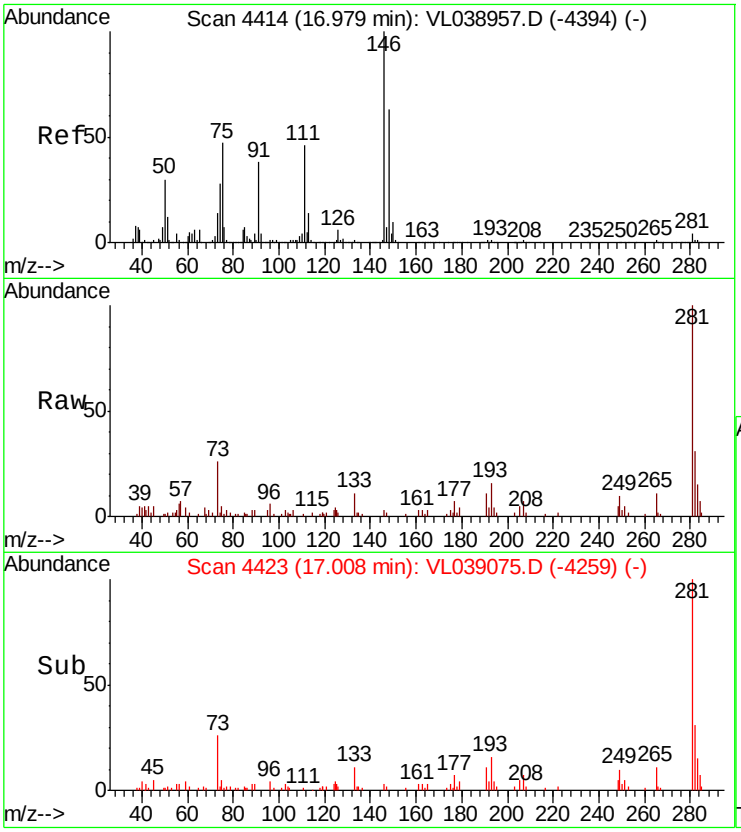


#74
1,2,4-Trimethylbenzene
Concen: 0.651 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion:105 Resp: 145396

Ion	Ratio	Lower	Upper
105	100		
120	38.8	36.9	55.3
91	12.6	45.0	67.4#
77	16.7	19.2	28.8#



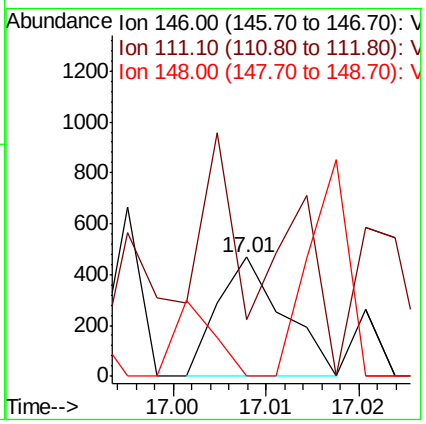


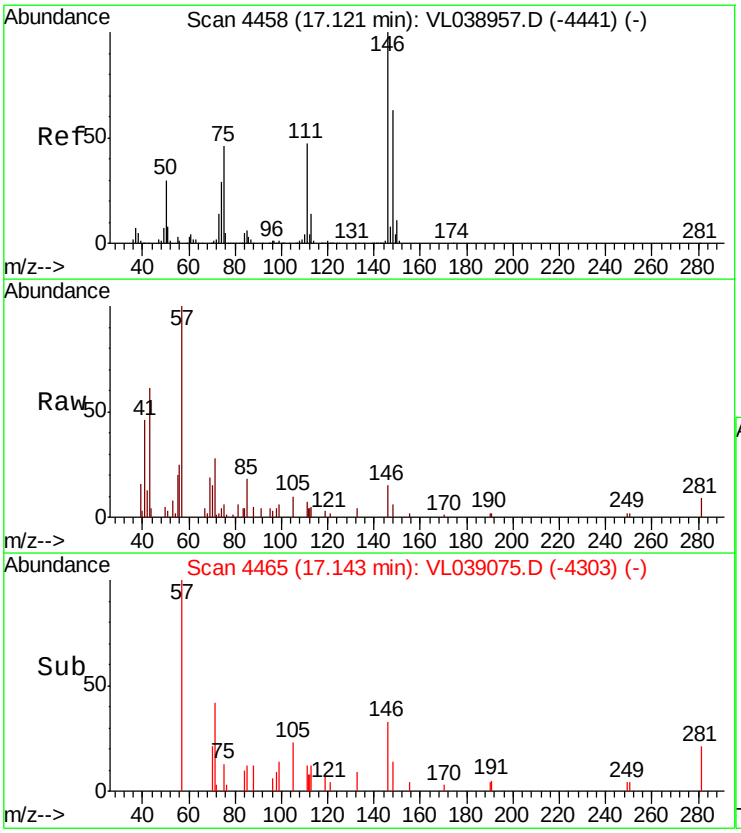
#75
1,3-Dichlorobenzene
Concen: 0.002 ppbv
RT: 17.01
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:146 Resp: 232

Ion	Ratio	Lower	Upper
146	100		
111	1069.4	24.1	72.2#
148	0.0	32.4	97.2#

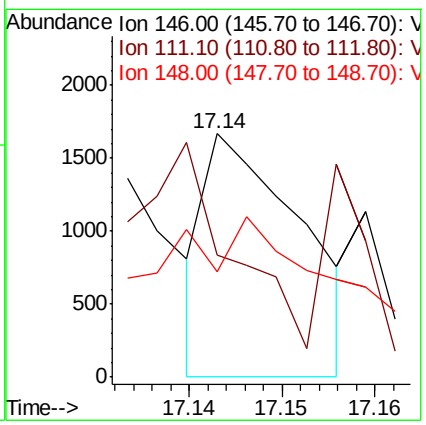


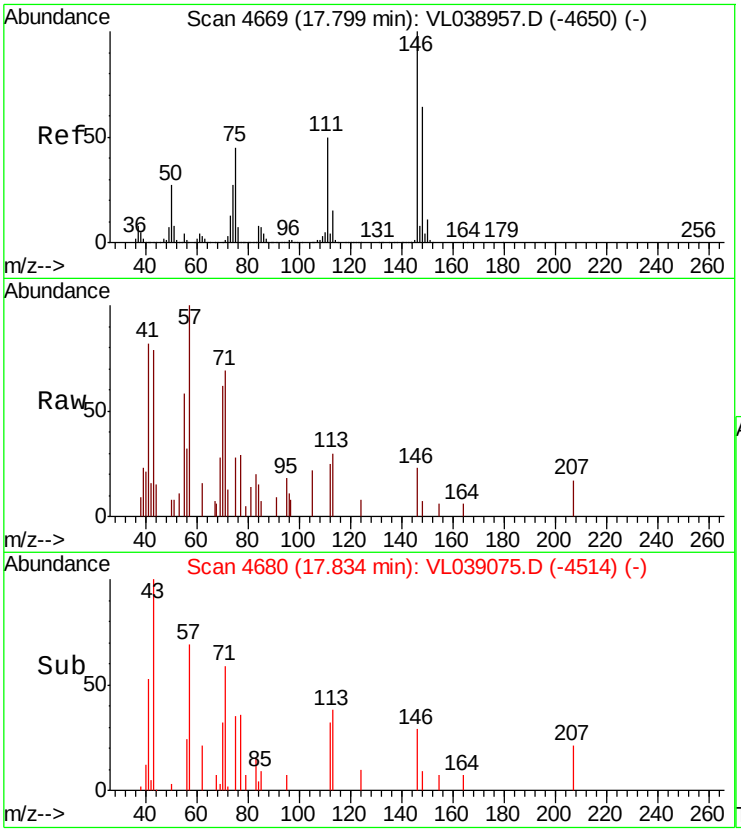


#76
1,4-Dichlorobenzene
Concen: 0.010 ppbv
RT: 17.14 min Scan# 4465
Delta R.T. 0.02 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion:146 Resp: 1192

Ion	Ratio	Lower	Upper
146	100		
111	258.7	23.6	71.0#
148	0.0	32.2	96.6#



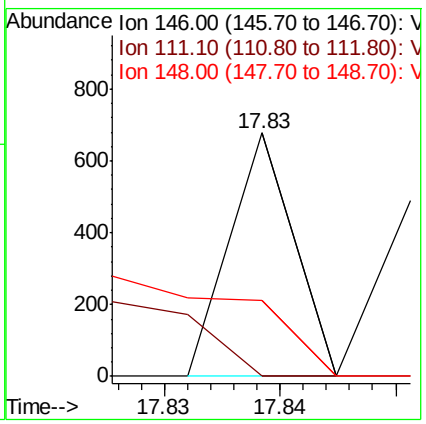


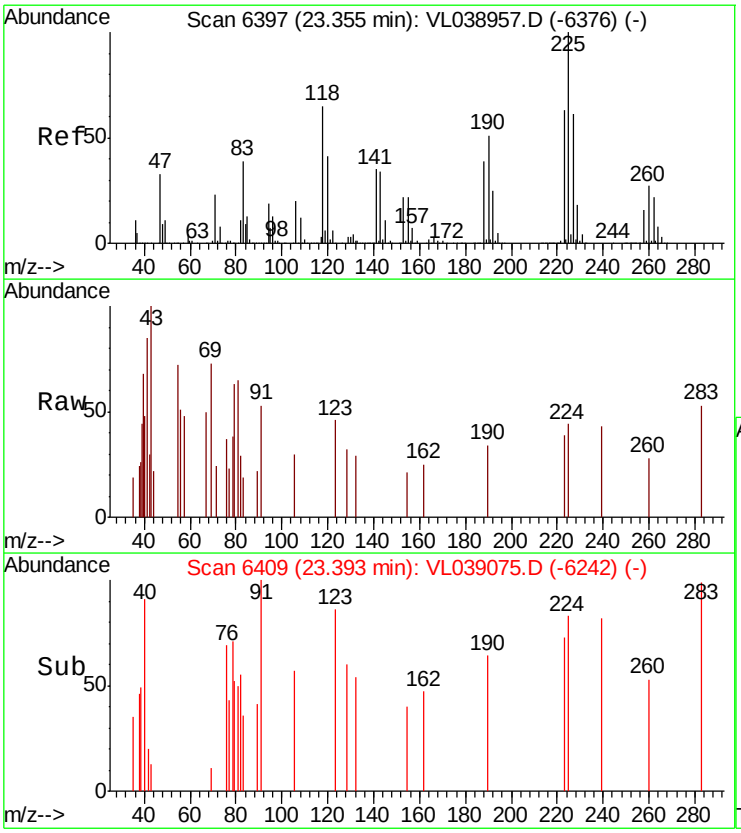
#77
1,2-Dichlorobenzene
Concen: 0.001 ppbv
RT: 17.83
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:146 Resp: 131

Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.3	75.9#
148	366.4	32.3	96.9#

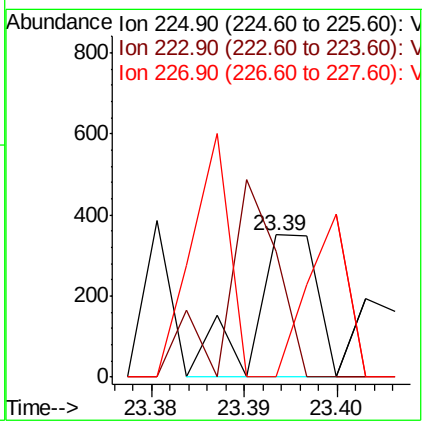


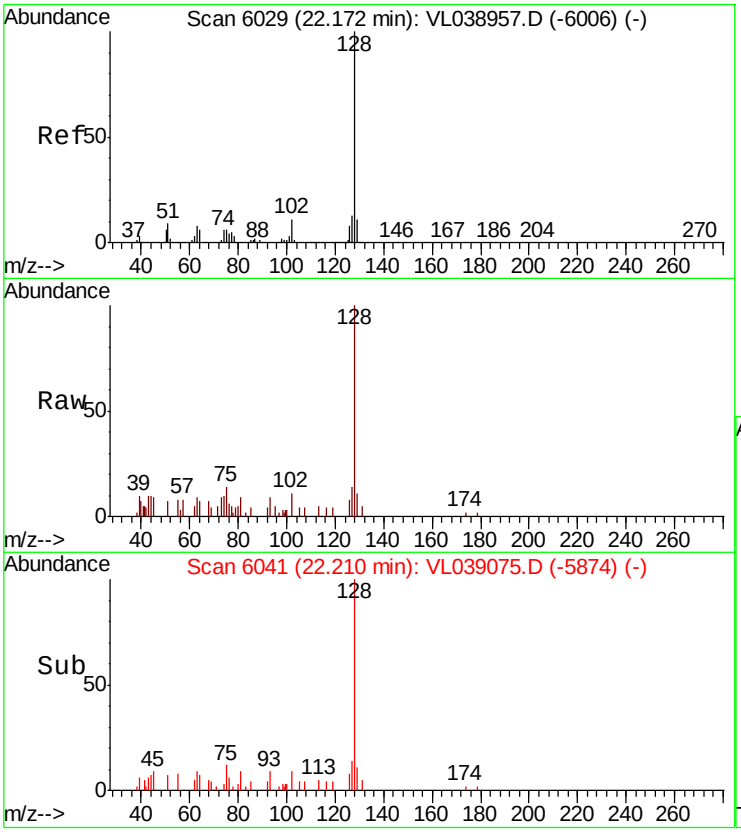


#78
Hexachloro-1,3-Butadiene
Concen: 0.001 ppbv
RT: 23.39 min Scan# 6409
Delta R.T. 0.04 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion:225 Resp: 165

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.4	77.0#
227	176.4	51.4	77.0#



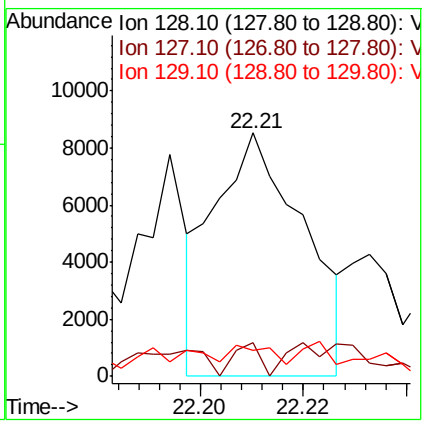


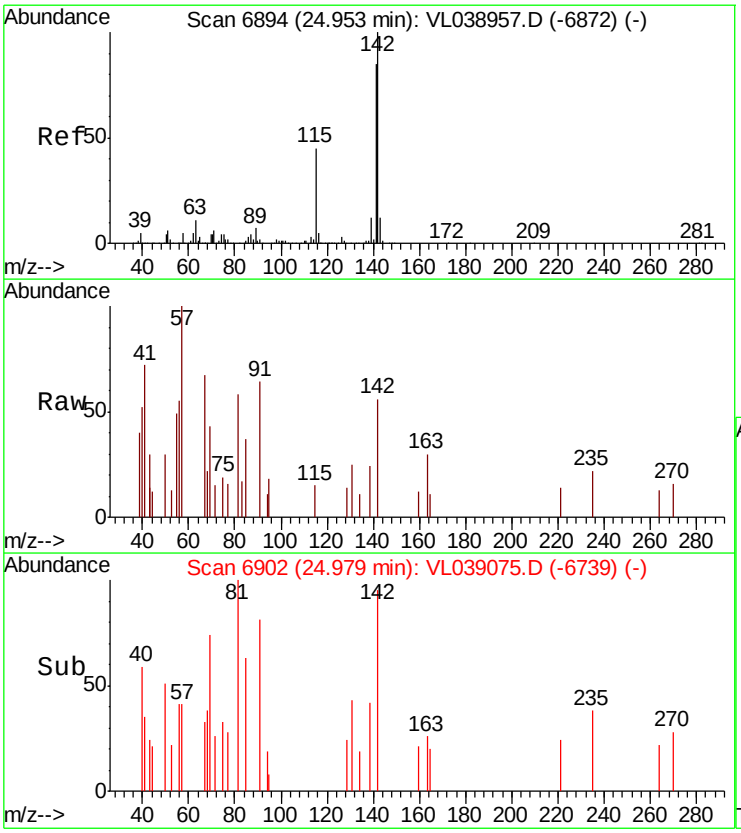
#79
Naphthalene
Concen: 0.057 ppbv
RT: 22.21
Delta R.T
Lab File:
Acq: 17 May 2022 18:59

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:128 Resp: 10309

Ion	Ratio	Lower	Upper
128	100		
127	5.5	10.2	15.2#
129	9.7	8.9	13.3

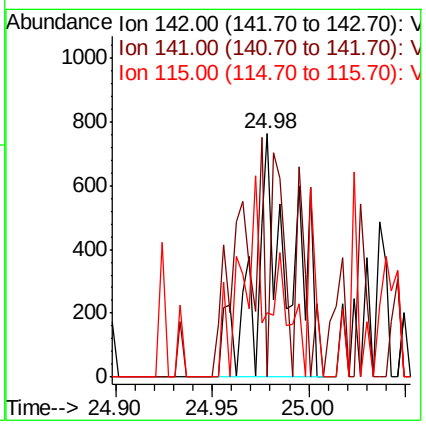


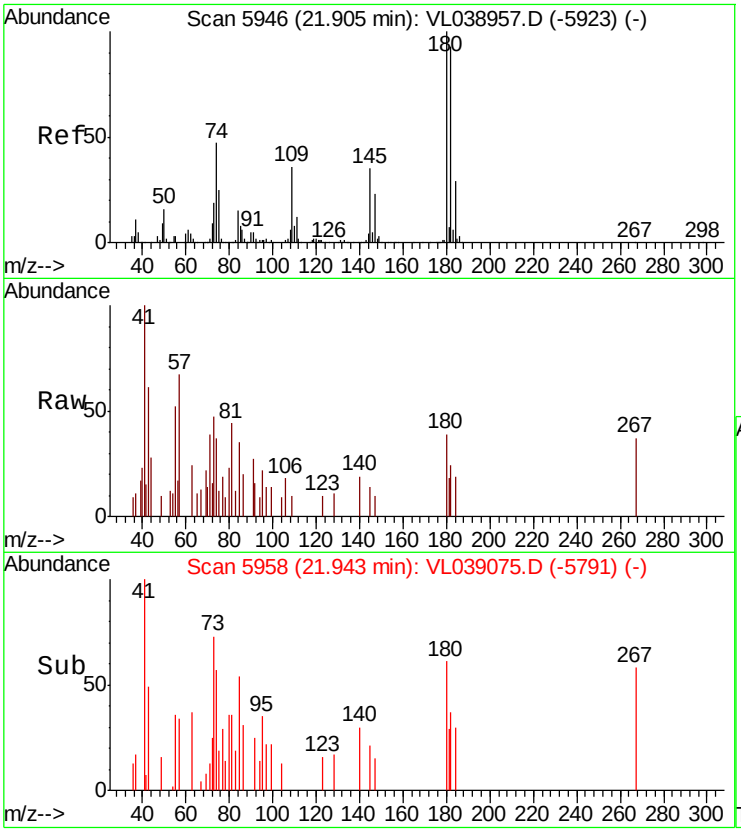


#80
Naphthalene,2-methyl-
Concen: 0.017 ppbv
RT: 24.98 min Scan# 6902
Delta R.T. 0.03 min
Lab File: VL039075.D
Acq: 17 May 2022 18:59

Tgt Ion:142 Resp: 951

Ion	Ratio	Lower	Upper
142	100		
141	153.0	70.8	106.2#
115	40.8	35.1	52.7





#81
1,2,4-Trichlorobenzene
Concen: 0.001 ppbv
RT: 21.94
Delta R.T
Lab File:
Acq: 17 May 2022 18:39

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-IA-2DUP

Tgt Ion:180 Resp: 139

Ion	Ratio	Lower	Upper
180	100		
182	0.0	78.4	117.6#
184	0.0	24.4	36.6#