Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
Data File : VL041876.D
Acq On : 09 Jan 2025 20:46
Operator : SY/MD
Sample : QC010725 CAN 10601
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Quant Time: Jan 10 01:48:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.800	49	114286	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	340666	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	300213	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	248334	10.316	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	332	0.018	ppbv #	71
3) Chlorodifluoromethane	1.473	51	473	0.023	ppbv #	58
4) Chloromethane	1.538	50	274	0.038	ppbv #	83
5) Vinyl Chloride	1.554	62	28	0.004	ppbv #	45
6) Bromomethane	1.670	94	23	0.006	ppbv #	1
7) Chloroethane	1.674	64	25	0.008	ppbv #	1
8) Dichlorotetrafluoroethane	1.505	85	332	0.020	ppbv #	29
9) Propene	1.492	41	838	0.087	ppbv #	23
10) Heptane	5.007	43	80	0.003	ppbv #	27
11) Trichlorofluoromethane	1.884	101	121	0.006	ppbv #	17
12) 1,1,2-Trichlorotrifluo...	1.884	101	121	0.008	ppbv #	12
13) Ethanol	1.729	45	1442	2.361	ppbv	100
14) Bromoethene	1.764	108	27	0.005	ppbv #	1
15) Acetone	1.845	43	2492	0.129	ppbv #	81
16) 1,3-Butadiene	1.609	39	337	0.041	ppbv #	57
17) tert-Butyl alcohol	2.056	59	89	0.004	ppbv #	1
18) 1,1-Dichloroethene	2.056	96	31	0.004	ppbv #	1
19) Isopropyl Alcohol	1.894	45	1196	0.118	ppbv #	48
20) Methylene Chloride	2.072	84	942	0.143	ppbv #	85
21) Allyl Chloride	2.104	41	162	0.013	ppbv #	21
22) trans-1,2-Dichloroethene	2.347	96	49	0.006	ppbv #	1
23) Vinyl Acetate	2.473	43	408	0.042	ppbv #	12
24) 1,1-Dichloroethane	2.399	63	19	0.001	ppbv #	88
25) Ethyl Acetate	2.845	43	292	0.006	ppbv #	74
26) Hexane	2.839	57	368	0.019	ppbv #	47
27) Carbon Disulfide	2.153	76	38	0.002	ppbv #	65
28) Methyl tert-Butyl Ether	2.256	73	27	0.002	ppbv #	1
29) Chloroform	2.855	83	130	0.005	ppbv #	18
30) Cyclohexane	3.904	84	26	0.002	ppbv #	1
31) cis-1,2-Dichloroethene	2.645	61	25	0.001	ppbv #	24
32) 1,1,1-Trichloroethane	3.470	97	28	0.001	ppbv #	31
34) 2-Butanone	2.570	43	189	0.007	ppbv #	52
35) Carbon Tetrachloride	3.774	117	56	0.002	ppbv #	47
36) Benzene	3.674	78	152	0.004	ppbv #	61
37) 1,2-Dichloroethane	2.865	62	21	0.001	ppbv #	80
38) Trichloroethene	4.968	130	39	0.002	ppbv #	3
39) 1,2-Dichloropropane	3.975	63	85393	6.074	ppbv #	22
40) 1,4-Dioxane	4.784	88	31	0.004	ppbv #	17
41) Tetrahydrofuran	3.088	42	116	0.007	ppbv #	37
42) Bromodichloromethane	4.522	83	31	0.001	ppbv #	26
43) Methyl Methacrylate	4.849	69	74	0.005	ppbv #	1
44) 2,2,4-Trimethylpentane	4.661	57	25	0.000	ppbv #	1
45) t-1,3-Dichloropropene	6.370	75	60	0.004	ppbv #	45

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
Data File : VL041876.D
Acq On : 09 Jan 2025 20:46
Operator : SY/MD
Sample : QC010725 CAN 10601
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Quant Time: Jan 10 01:48:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	5.460	75	26	0.001	ppbv	#	27
47) 1,1,2-Trichloroethane	6.542	97	74	0.005	ppbv	#	15
48) Dibromochloromethane	7.648	129	25	0.001	ppbv	#	1
49) Bromoform	9.490	173	48	0.002	ppbv	#	28
50) 4-Methyl-2-Pentanone	5.791	43	50	0.001	ppbv	#	38
51) 2-Hexanone	7.467	43	55	0.002	ppbv	#	28
52) Tetrachloroethene	8.454	164	24	0.002	ppbv	#	1
53) Toluene	6.956	91	78	0.002	ppbv	#	30
54) 1,2-Dibromoethane	7.367	107	25	0.001	ppbv	#	3
56) 1,1,1,2-Tetrachloroethane	8.959	131	71	0.004	ppbv	#	1
57) Chlorobenzene	8.904	112	32	0.001	ppbv	#	1
58) Ethyl Benzene	9.361	91	15	0.000	ppbv	#	44
59) m/p-Xylene	9.794	91	36	0.001	ppbv	#	100
60) o-Xylene	9.985	91	34	0.001	ppbv	#	33
61) Styrene	10.283	104	36	0.001	ppbv	#	5
62) Isopropylbenzene	10.558	105	38	0.001	ppbv	#	50
63) 1,1,2,2-Tetrachloroethane	10.021	83	27	0.001	ppbv	#	25
64) n-propylbenzene	10.814	120	28	0.001	ppbv		89
65) tert-Butylbenzene	11.788	119	209	0.003	ppbv	#	16
66) Benzyl Chloride	11.642	91	51	0.007	ppbv	#	66
67) sec-Butylbenzene	11.613	105	23	0.000	ppbv	#	1
69) p-Isopropyltoluene	11.788	119	209	0.003	ppbv	#	57
70) n-Butylbenzene	12.293	91	22	0.000	ppbv	#	1
71) 2-Chlorotoluene	10.794	91	44	0.001	ppbv	#	46
72) 4-Ethyltoluene	11.128	105	24	0.000	ppbv	#	36
73) 1,3,5-Trimethylbenzene	11.218	105	41	0.001	ppbv	#	30
74) 1,2,4-Trimethylbenzene	11.552	105	50	0.001	ppbv	#	27
75) 1,3-Dichlorobenzene	11.782	146	44	0.001	ppbv	#	84
76) 1,4-Dichlorobenzene	11.782	146	44	0.001	ppbv		97
77) 1,2-Dichlorobenzene	11.801	146	24	0.001	ppbv	#	1
78) Hexachloro-1,3-Butadiene	13.516	225	24	0.001	ppbv	#	19
79) Naphthalene	13.523	128	14	0.000	ppbv	#	69
80) Naphthalene,2-methyl-	14.442	142	84	0.003	ppbv	#	78
81) 1,2,4-Trichlorobenzene	13.455	180	88	0.003	ppbv	#	18

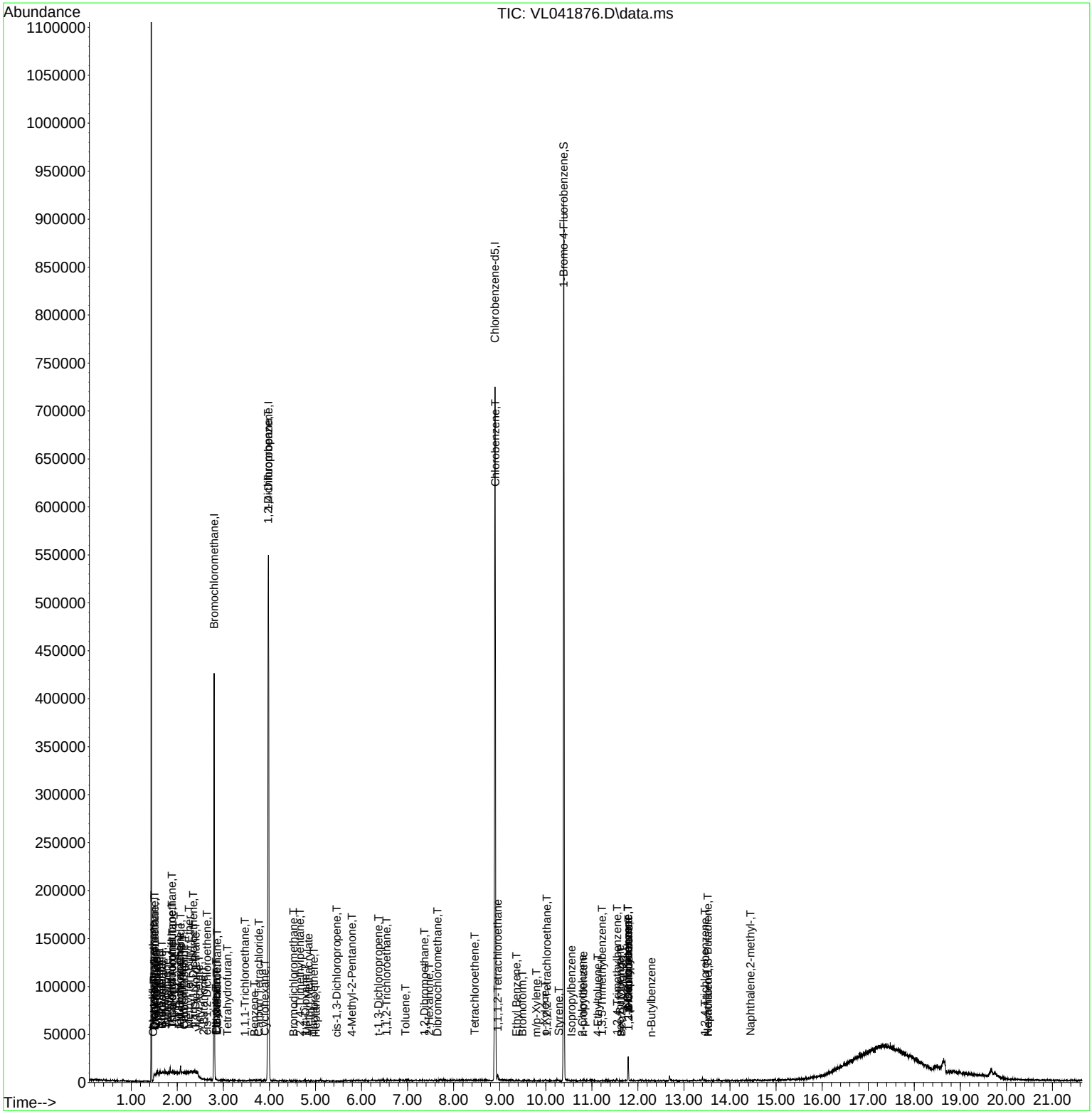
(#) = qualifier out of range (m) = manual integration (+) = signals summed

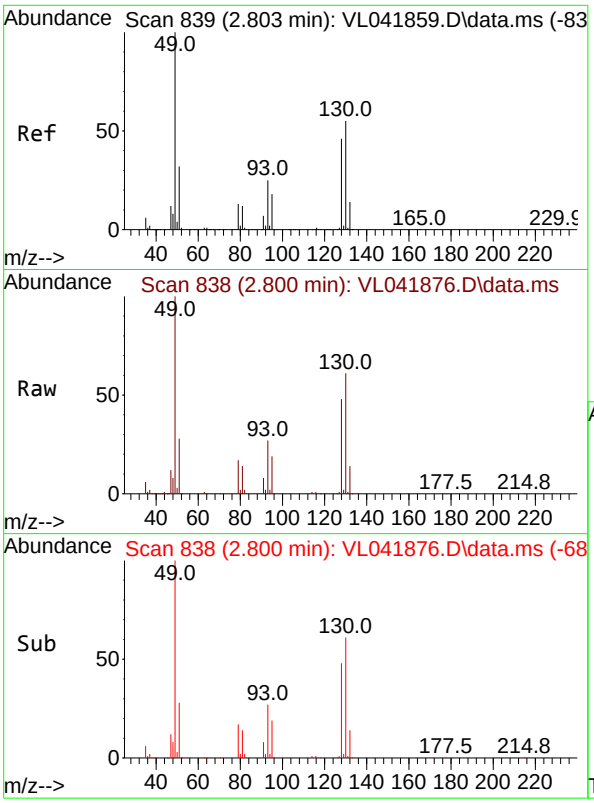
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
Data File : VL041876.D
Acq On : 09 Jan 2025 20:46
Operator : SY/MD
Sample : QC010725 CAN 10601
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Quant Time: Jan 10 01:48:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration



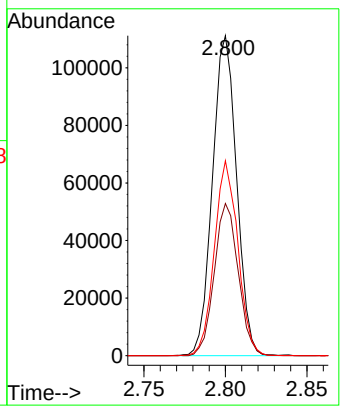


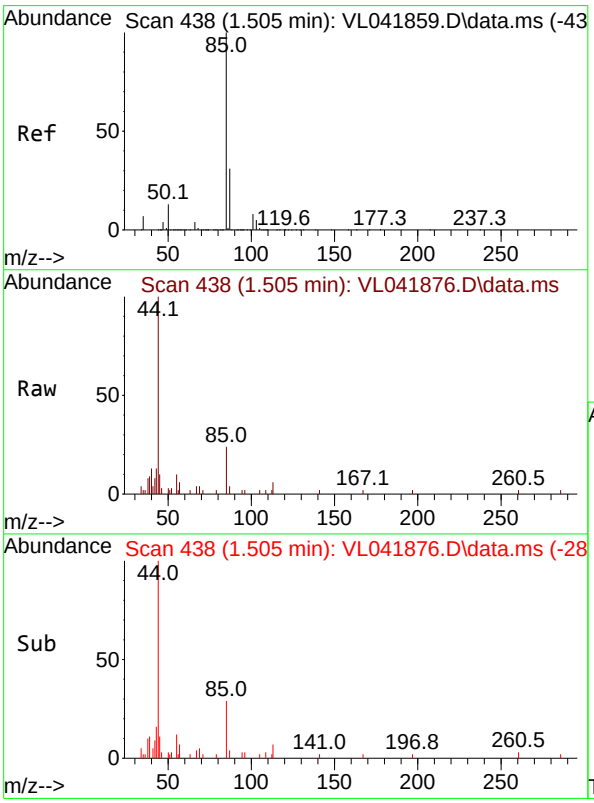
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 8
Delta R.T. -0.003 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 49 Resp: 114286

Ion	Ratio	Lower	Upper
49	100		
128	47.3	23.2	69.5
130	59.5	29.9	89.8

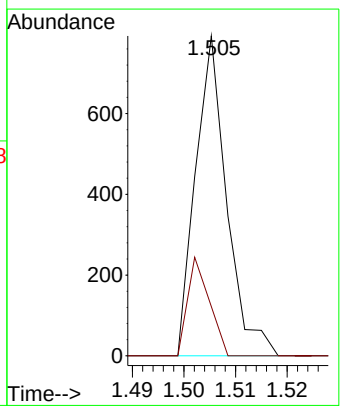


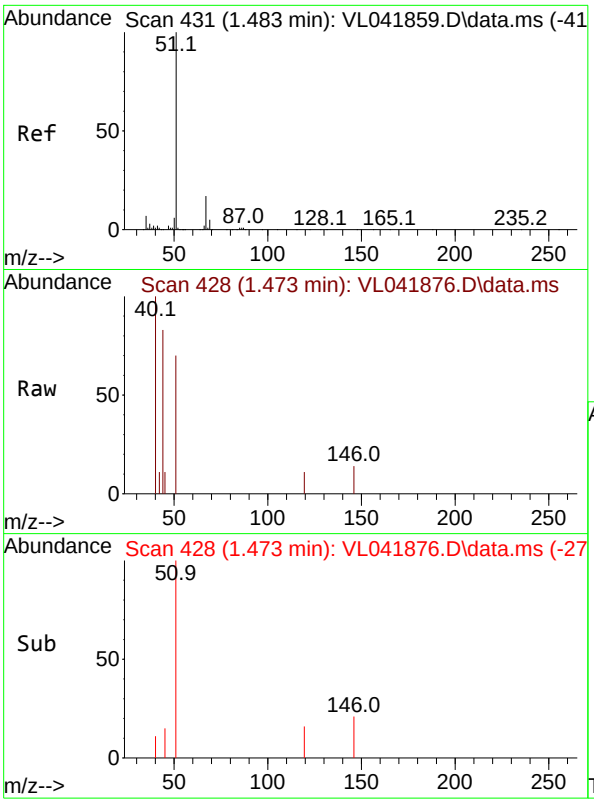


#2
Dichlorodifluoromethane
Concen: 0.018 ppbv
RT: 1.505 min Scan# 438
Delta R.T. -0.000 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 85 Resp: 332

Ion	Ratio	Lower	Upper
85	100		
87	15.4	25.2	37.8#



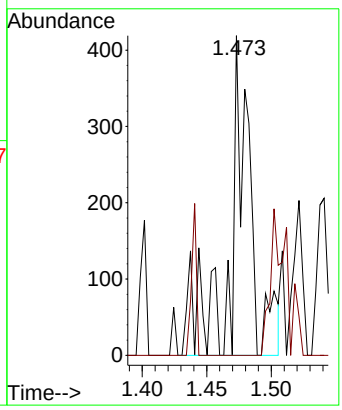


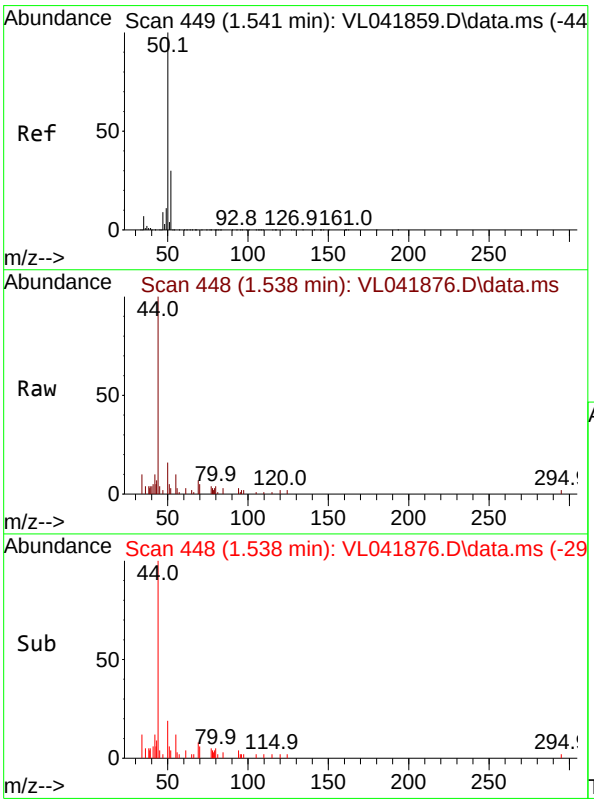
#3
Chlorodifluoromethane
Concen: 0.023 ppbv
RT: 1.473 min Scan# 4
Delta R.T. -0.010 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 51 Resp: 473

Ion	Ratio	Lower	Upper
51	100		
67	35.7	13.8	20.8#

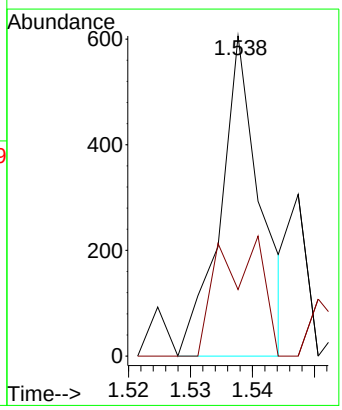


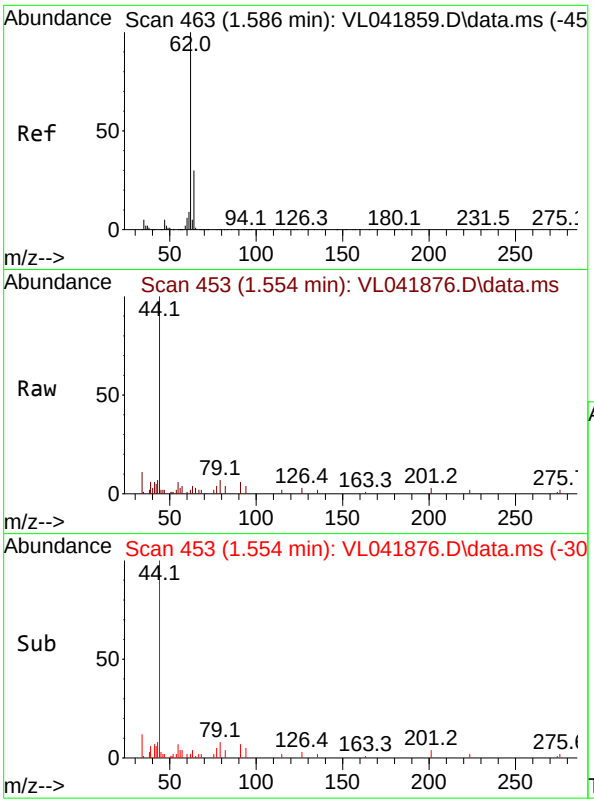


#4
Chloromethane
Concen: 0.038 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 50 Resp: 274

Ion	Ratio	Lower	Upper
50	100		
52	20.8	23.9	35.9#



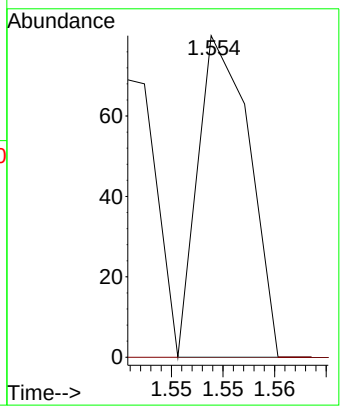


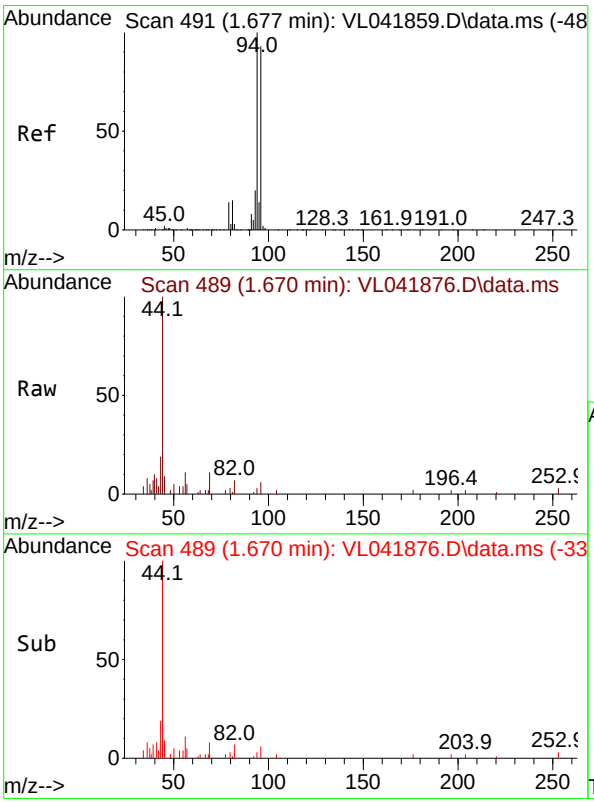
#5
Vinyl Chloride
Concen: 0.004 ppbv
RT: 1.554 min Scan# 4
Delta R.T. -0.032 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 62 Resp: 28

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.1	36.1#

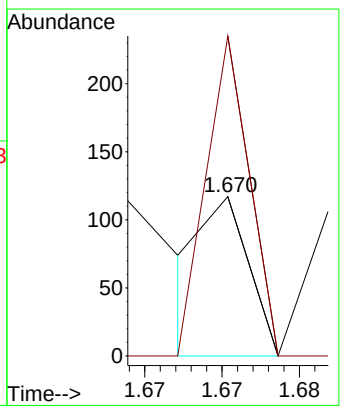


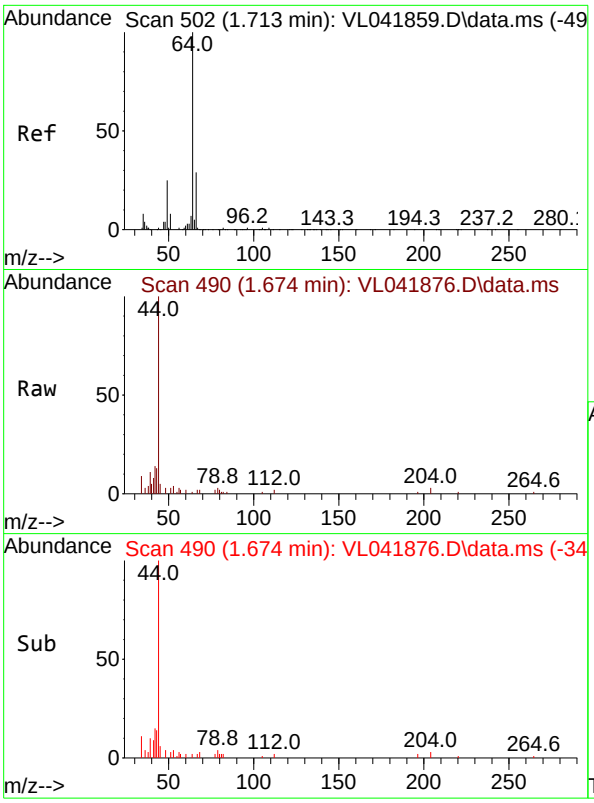


#6
Bromomethane
Concen: 0.006 ppbv
RT: 1.670 min Scan# 489
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 94 Resp: 23

Ion	Ratio	Lower	Upper
94	100		
96	200.9	74.8	112.2#



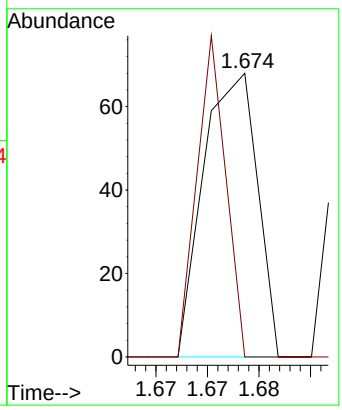


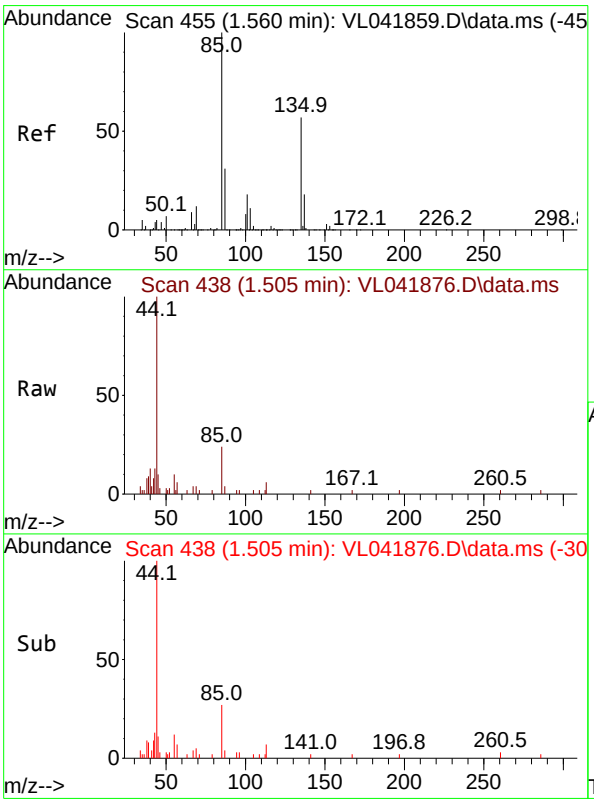
#7
Chloroethane
Concen: 0.008 ppbv
RT: 1.674 min Scan# 4
Delta R.T. -0.039 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 64 Resp: 25

Ion	Ratio	Lower	Upper
64	100		
66	117.6	23.0	34.6#

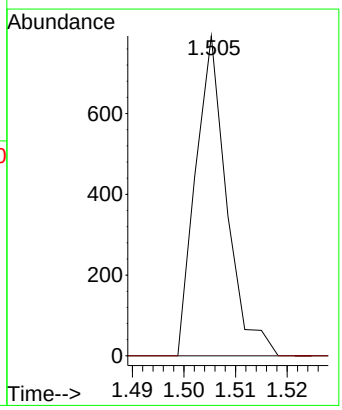


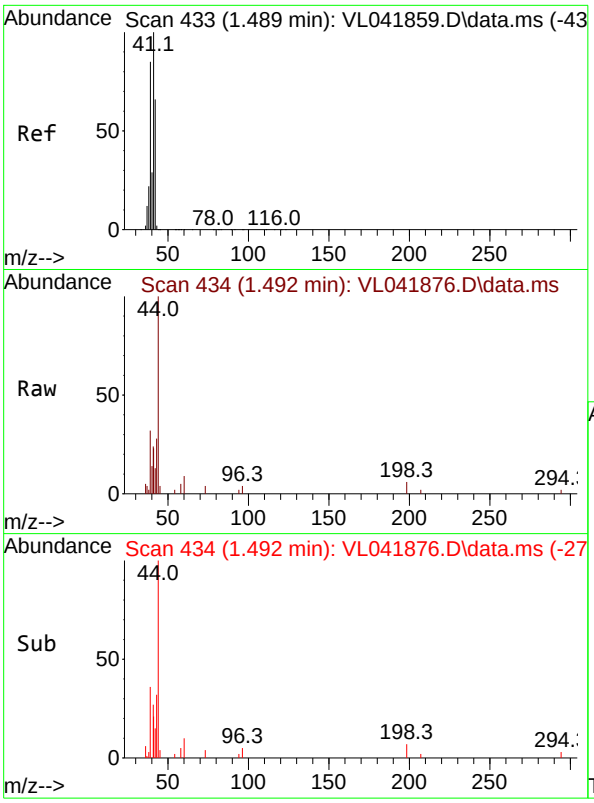


#8
Dichlorotetrafluoroethane
Concen: 0.020 ppbv
RT: 1.505 min Scan# 438
Delta R.T. -0.055 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 85 Resp: 332

Ion	Ratio	Lower	Upper
85	100		
135	9.3	52.2	78.4#



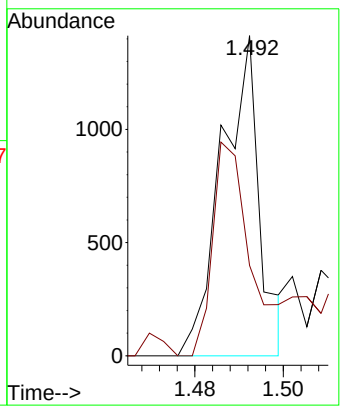


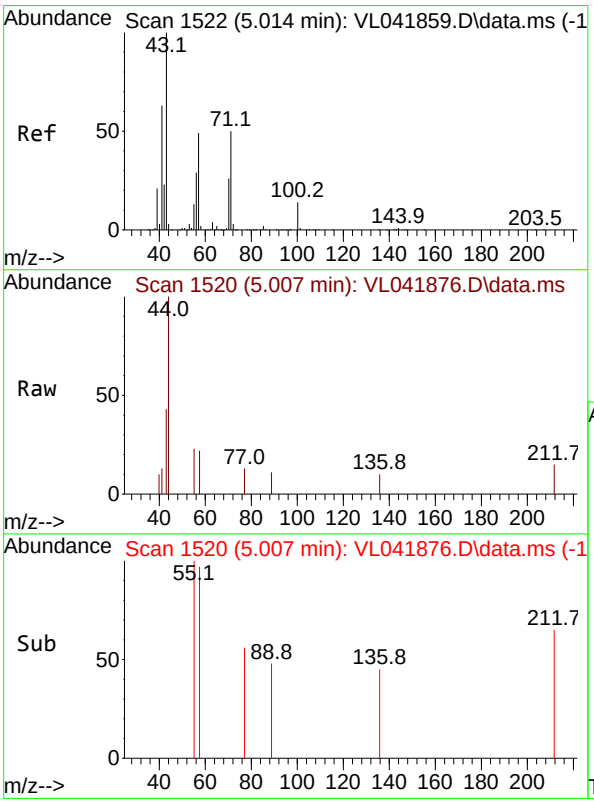
#9
Propene
Concen: 0.087 ppbv
RT: 1.492 min Scan# 4
Delta R.T. 0.003 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 41 Resp: 838

Ion	Ratio	Lower	Upper
41	100		
42	127.8	53.0	79.6#

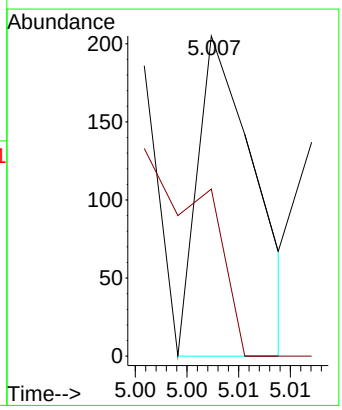


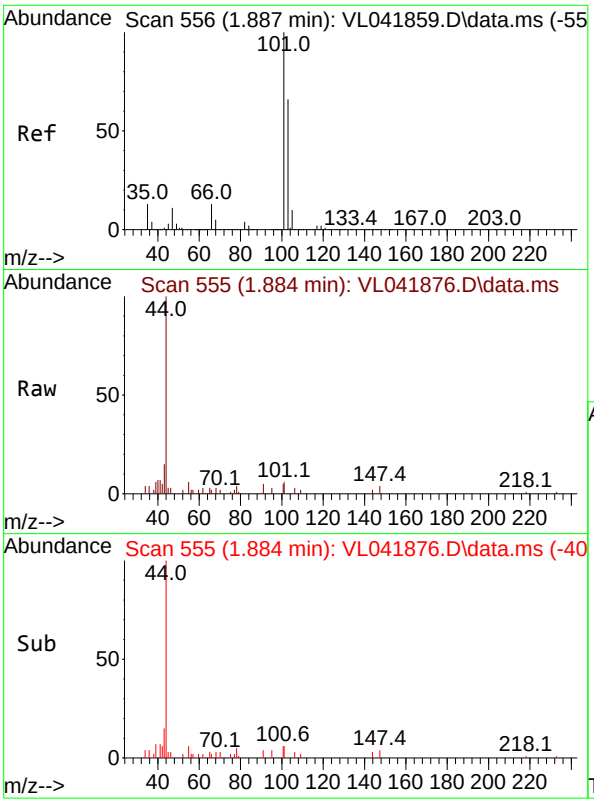


#10
Heptane
Concen: 0.003 ppbv
RT: 5.007 min Scan# 1520
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 43 Resp: 80

Ion	Ratio	Lower	Upper
43	100		
57	0.0	40.2	60.2#



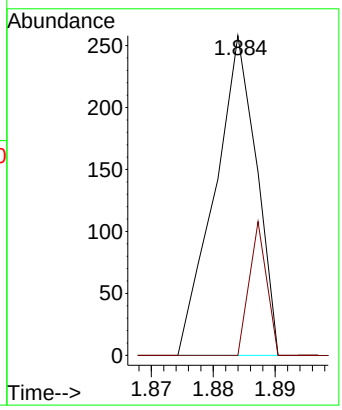


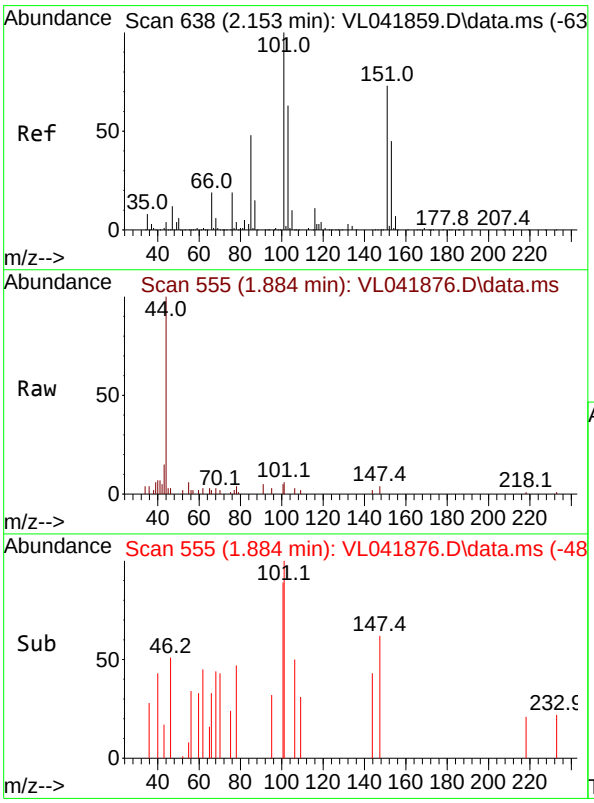
#11
Trichlorofluoromethane
Concen: 0.006 ppbv
RT: 1.884 min Scan# 5
Delta R.T. -0.003 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:101 Resp: 121

Ion	Ratio	Lower	Upper
101	100		
103	0.0	52.6	78.8#

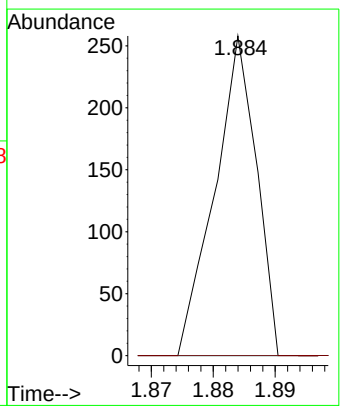


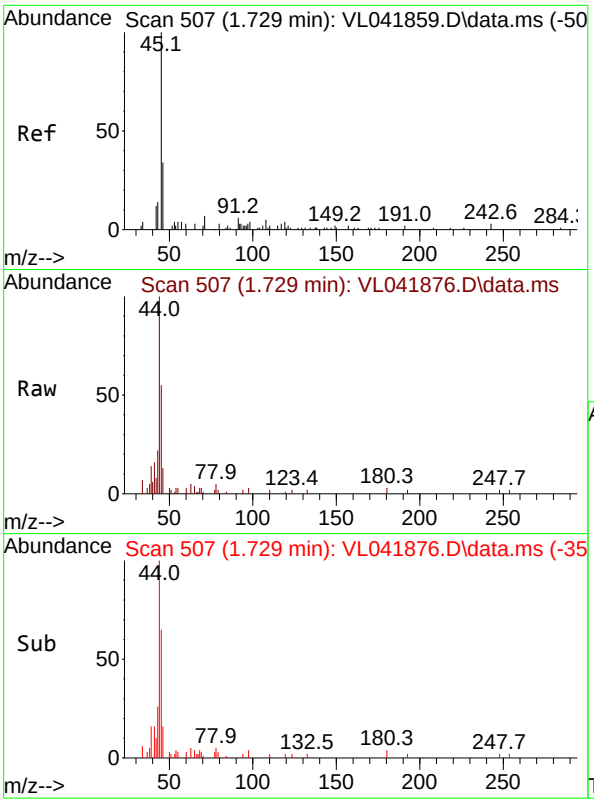


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.008 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.269 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:101 Resp: 121

Ion	Ratio	Lower	Upper
101	100		
151	0.0	59.4	89.0#



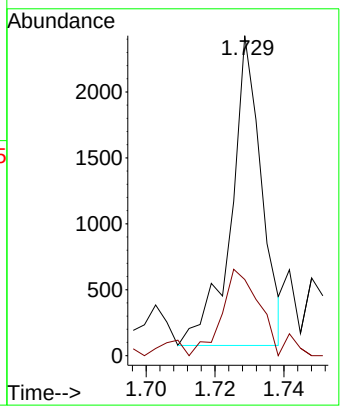


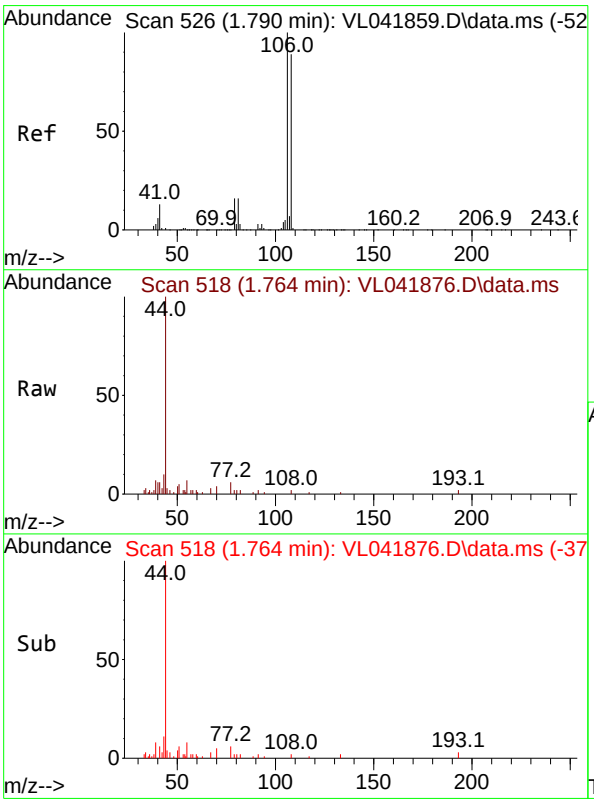
#13
Ethanol
Concen: 2.361 ppbv
RT: 1.729 min Scan# 5
Delta R.T. -0.000 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 45 Resp: 1442

Ion	Ratio	Lower	Upper
45	100		
46	47.6	19.0	76.0

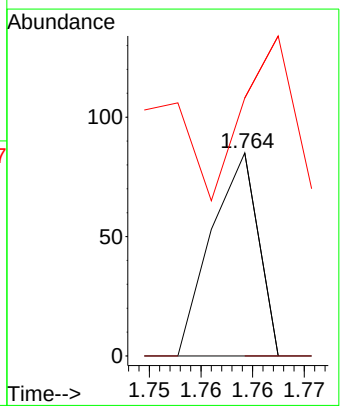


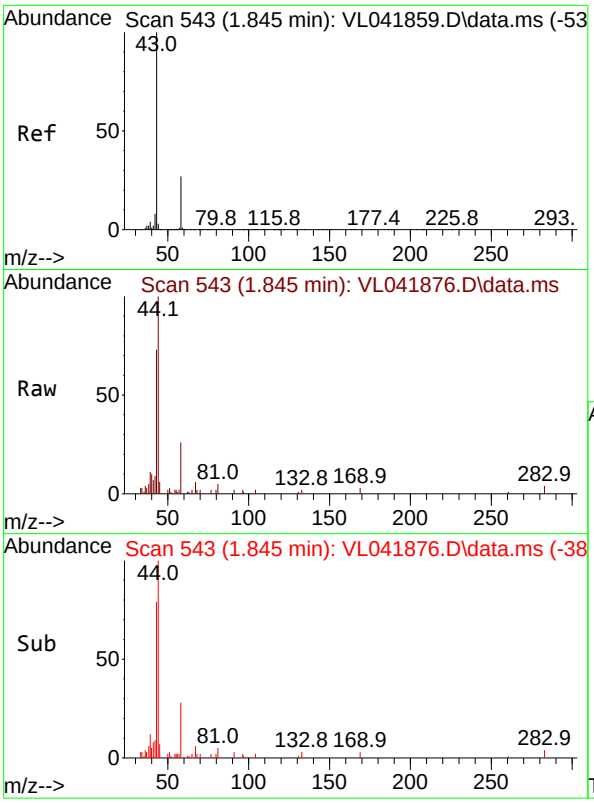


#14
Bromoethene
Concen: 0.005 ppbv
RT: 1.764 min Scan# 518
Delta R.T. -0.026 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:108 Resp: 27

Ion	Ratio	Lower	Upper
108	100		
106	0.0	86.9	130.3#
79	1011.1	15.6	23.4#



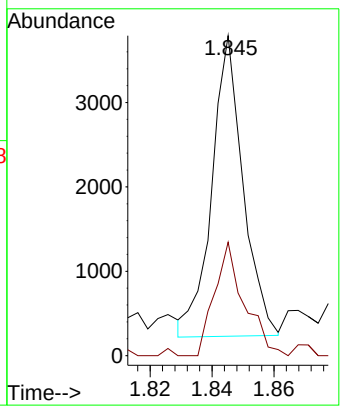


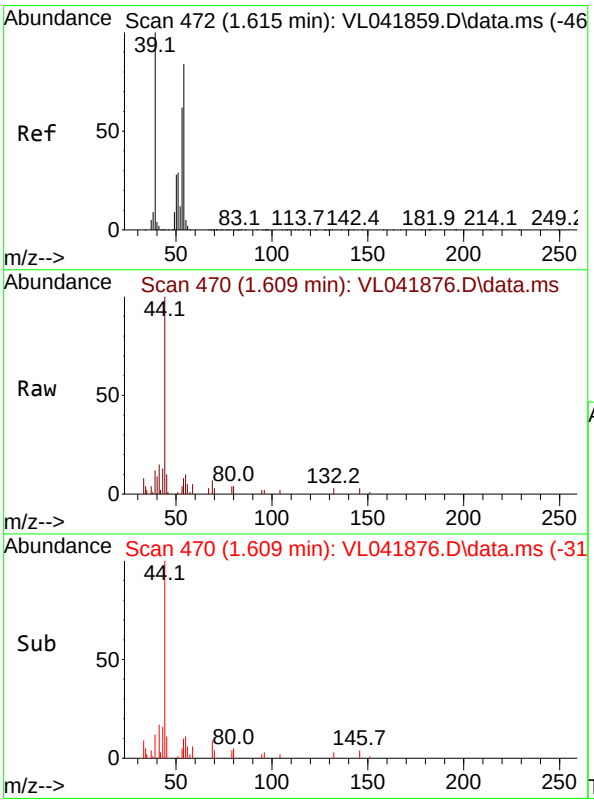
#15
Acetone
Concen: 0.129 ppbv
RT: 1.845 min Scan# 54
Delta R.T. -0.000 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 43 Resp: 2492

Ion	Ratio	Lower	Upper
43	100		
58	38.6	22.7	34.1#

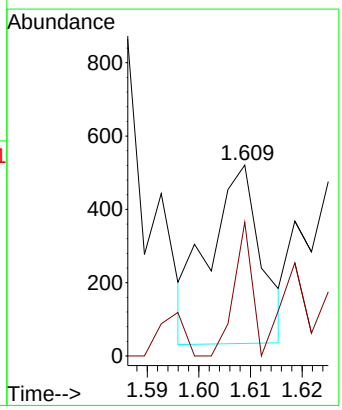


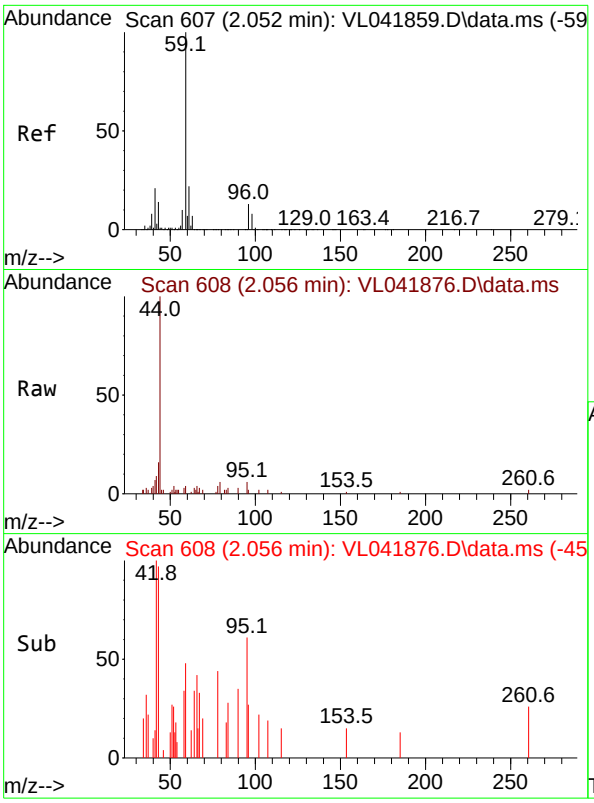


#16
1,3-Butadiene
Concen: 0.041 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 39 Resp: 337

Ion	Ratio	Lower	Upper
39	100		
54	111.6	60.1	90.1#



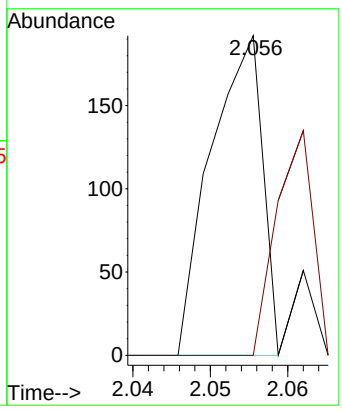


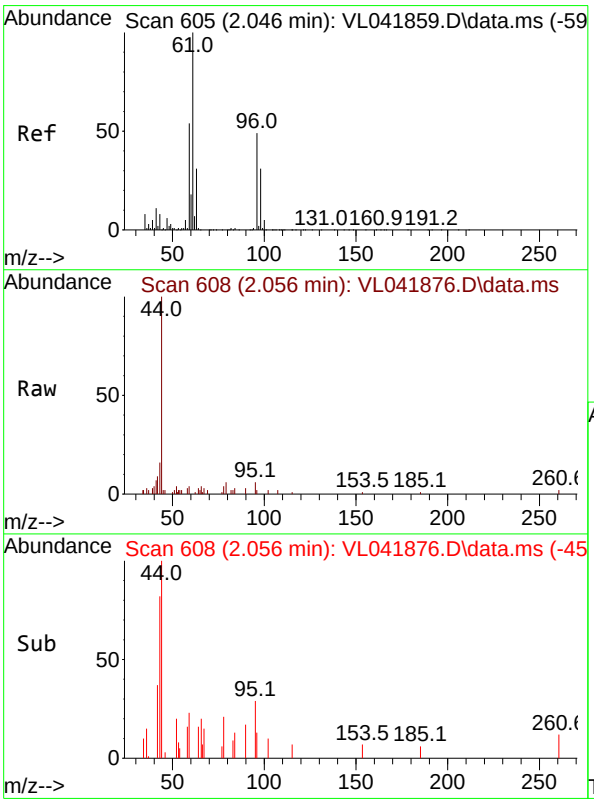
#17
tert-Butyl alcohol
Concen: 0.004 ppbv
RT: 2.056 min Scan# 6
Delta R.T. 0.003 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 59 Resp: 89

Ion	Ratio	Lower	Upper
59	100		
57	86.5	8.2	12.4#

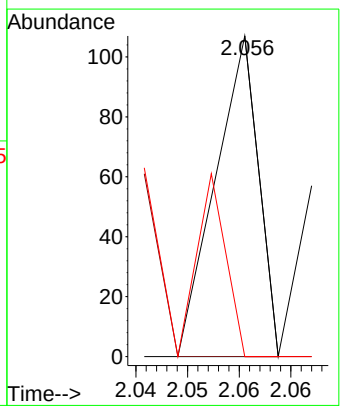


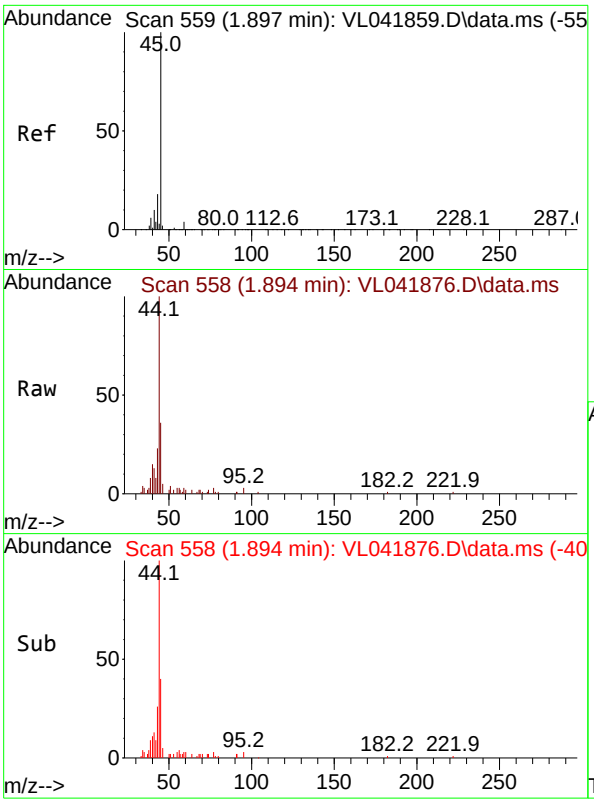


#18
1,1-Dichloroethene
Concen: 0.004 ppbv
RT: 2.056 min Scan# 608
Delta R.T. 0.010 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 96 Resp: 31

Ion	Ratio	Lower	Upper
96	100		
61	0.0	161.7	242.5#
98	0.0	51.0	76.4#



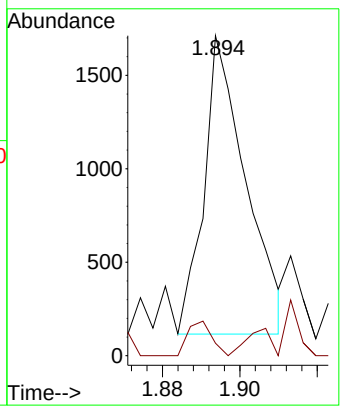


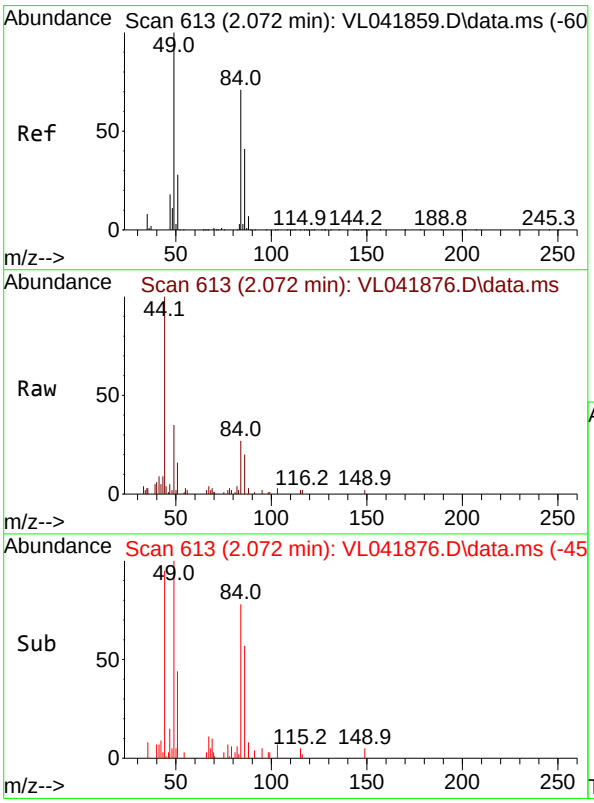
#19
Isopropyl Alcohol
Concen: 0.118 ppbv
RT: 1.894 min Scan# 5
Delta R.T. -0.003 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 45 Resp: 1196

Ion	Ratio	Lower	Upper
45	100		
58	11.9	37.0	55.6#

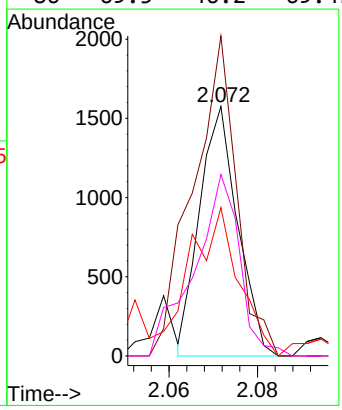


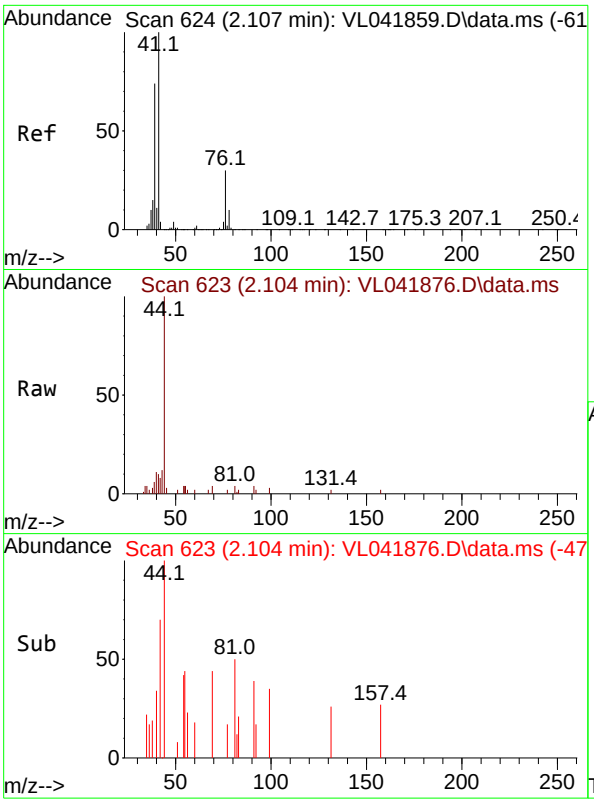


#20
Methylene Chloride
Concen: 0.143 ppbv
RT: 2.072 min Scan# 613
Delta R.T. -0.000 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 84 Resp: 942

Ion	Ratio	Lower	Upper
84	100		
49	128.3	113.8	170.8
51	59.4	33.5	50.3#
86	69.5	46.2	69.4#



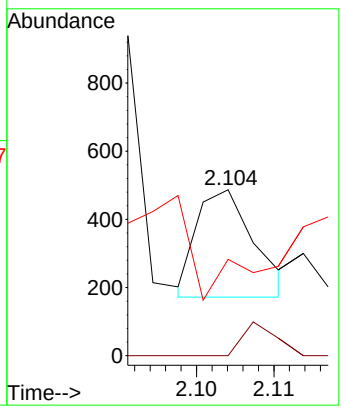


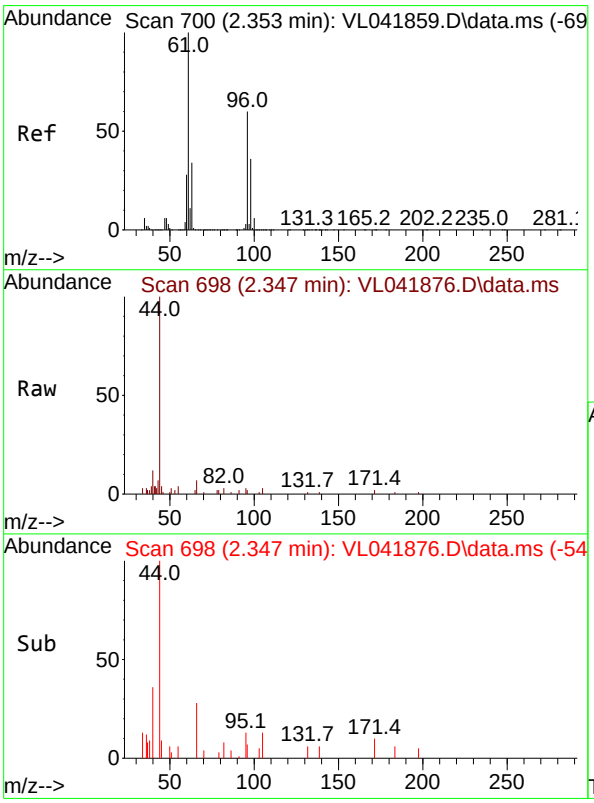
#21
Allyl Chloride
Concen: 0.013 ppbv
RT: 2.104 min Scan# 6
Delta R.T. -0.003 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 41 Resp: 162

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.6	36.8#
39	0.0	60.1	90.1#

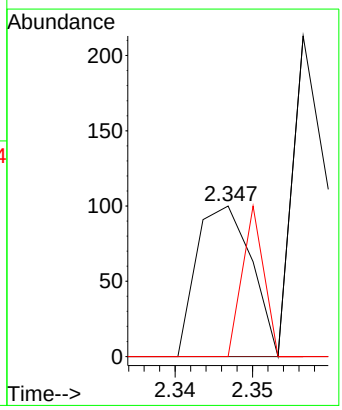


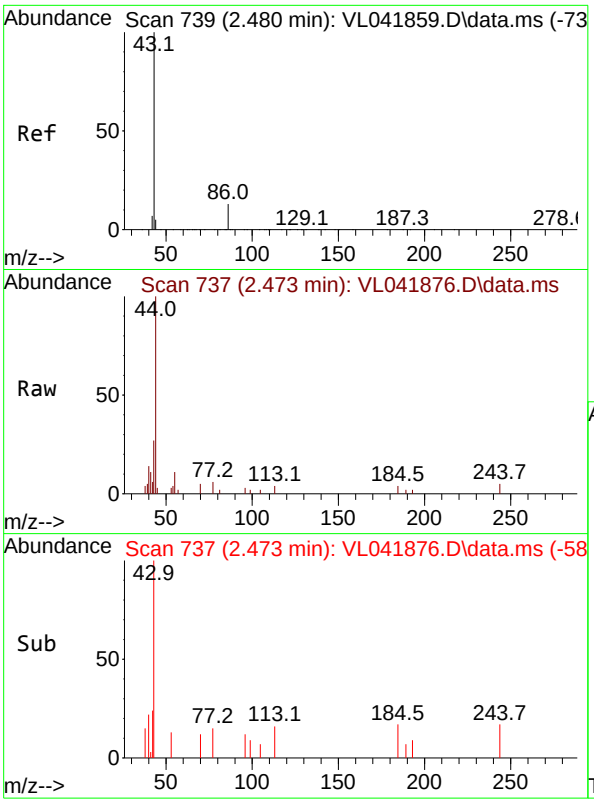


#22
trans-1,2-Dichloroethene
Concen: 0.006 ppbv
RT: 2.347 min Scan# 698
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 96 Resp: 49

Ion	Ratio	Lower	Upper
96	100		
61	0.0	134.2	201.4#
98	0.0	49.0	73.4#



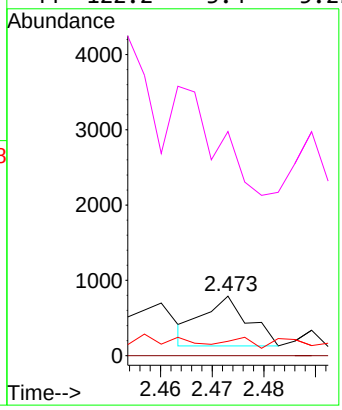


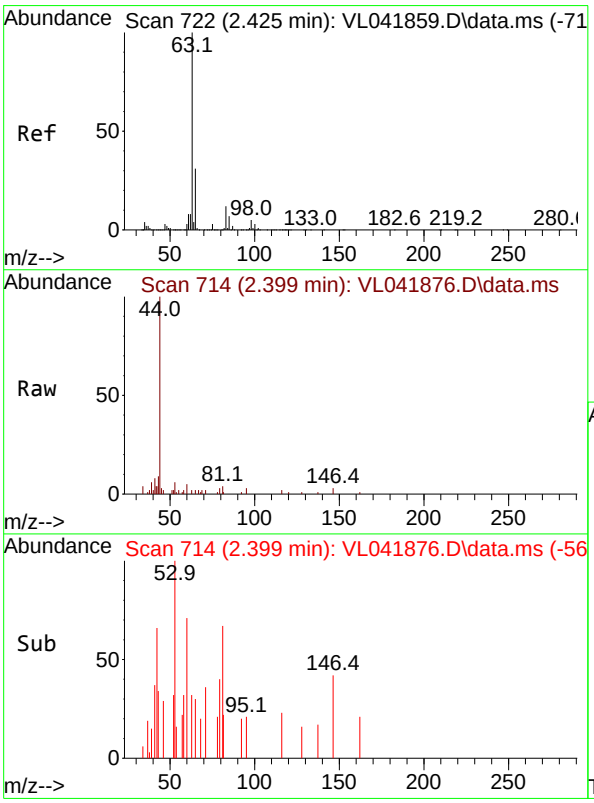
#23
Vinyl Acetate
Concen: 0.042 ppbv
RT: 2.473 min Scan# 7
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 43 Resp: 408

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.6#
42	0.0	7.0	10.4#
44	122.2	3.4	5.2#

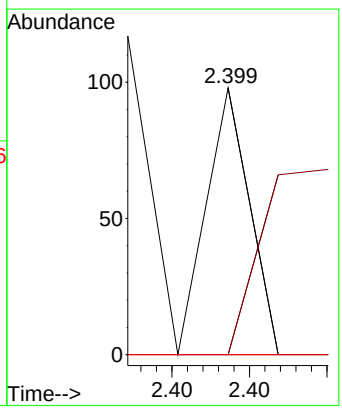


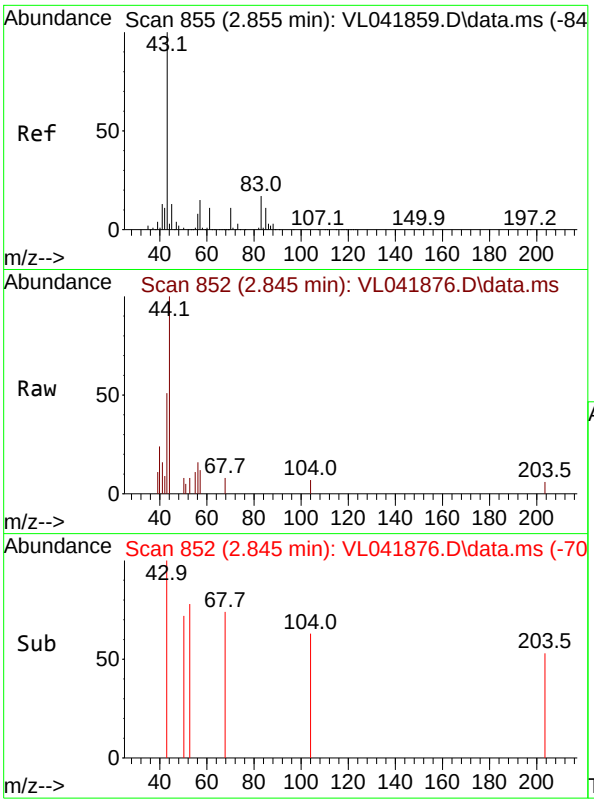


#24
1,1-Dichloroethane
Concen: 0.001 ppbv
RT: 2.399 min Scan# 714
Delta R.T. -0.026 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 63 Resp: 19

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.3	6.9#
100	0.0	1.3	3.8#



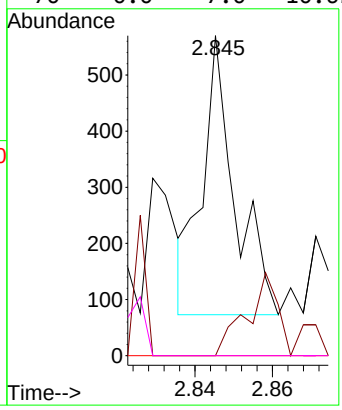


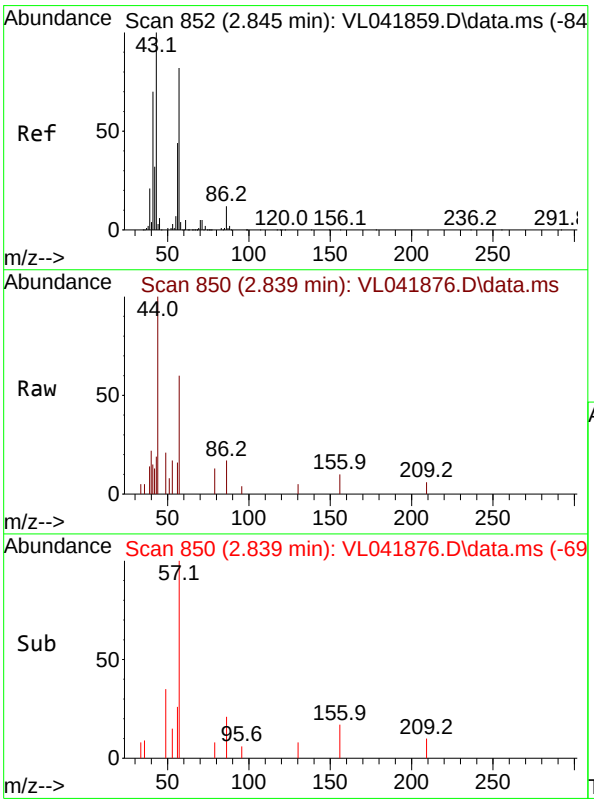
#25
Ethyl Acetate
Concen: 0.006 ppbv
RT: 2.845 min Scan# 8
Delta R.T. -0.010 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 43 Resp: 292

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.4	12.6#
61	0.0	7.3	10.9#
70	0.0	7.0	10.6#

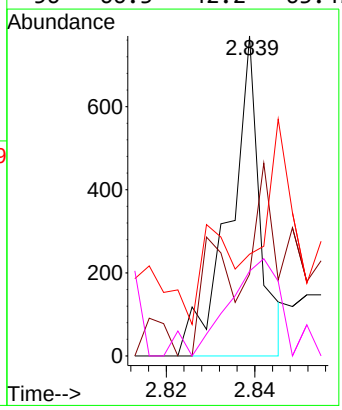


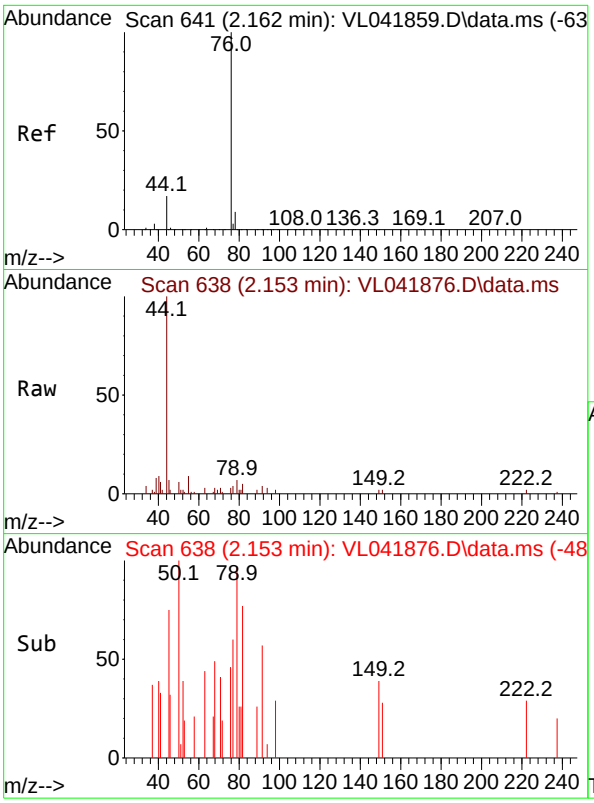


#26
Hexane
Concen: 0.019 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 57 Resp: 368

Ion	Ratio	Lower	Upper
57	100		
41	190.5	71.5	107.3#
43	179.9	200.2	300.4#
56	66.3	42.2	63.4#



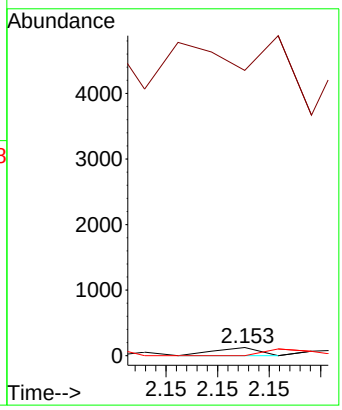


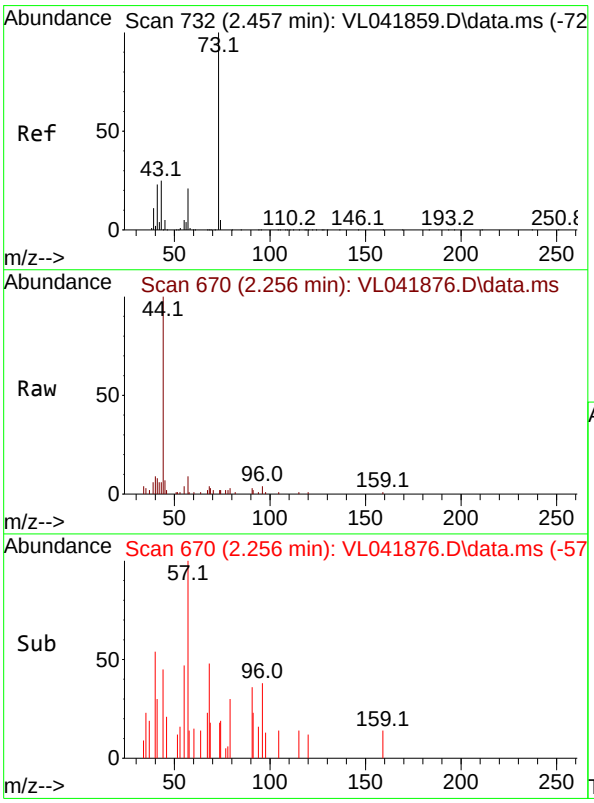
#27
Carbon Disulfide
Concen: 0.002 ppbv
RT: 2.153 min Scan# 6
Delta R.T. -0.010 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 76 Resp: 38

Ion	Ratio	Lower	Upper
76	100		
44	0.0	13.1	19.7#
78	0.0	9.5	14.3#

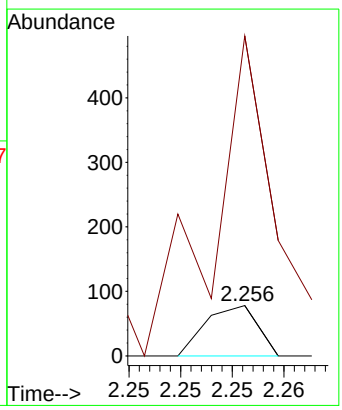


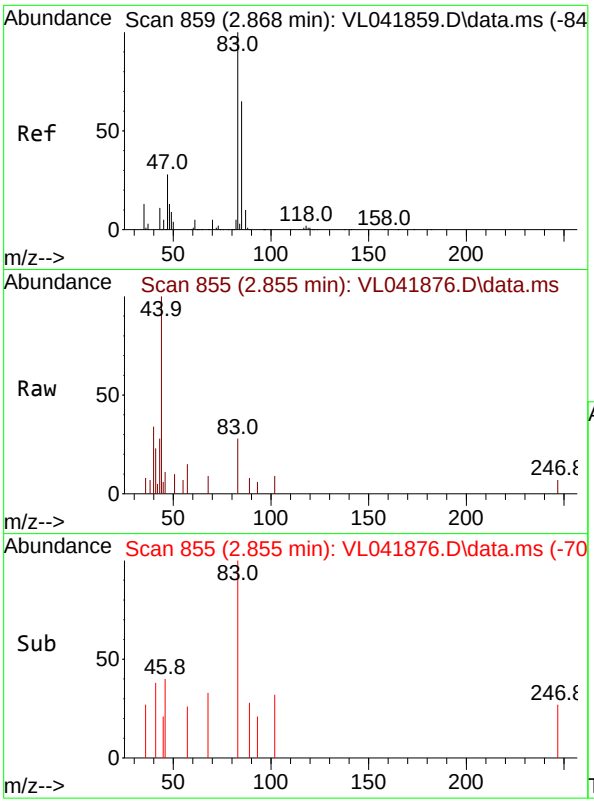


#28
Methyl tert-Butyl Ether
Concen: 0.002 ppbv
RT: 2.256 min Scan# 670
Delta R.T. -0.201 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 73 Resp: 27

Ion	Ratio	Lower	Upper
73	100		
57	1211.1	17.5	26.3#



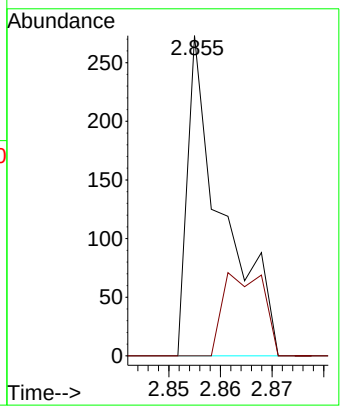


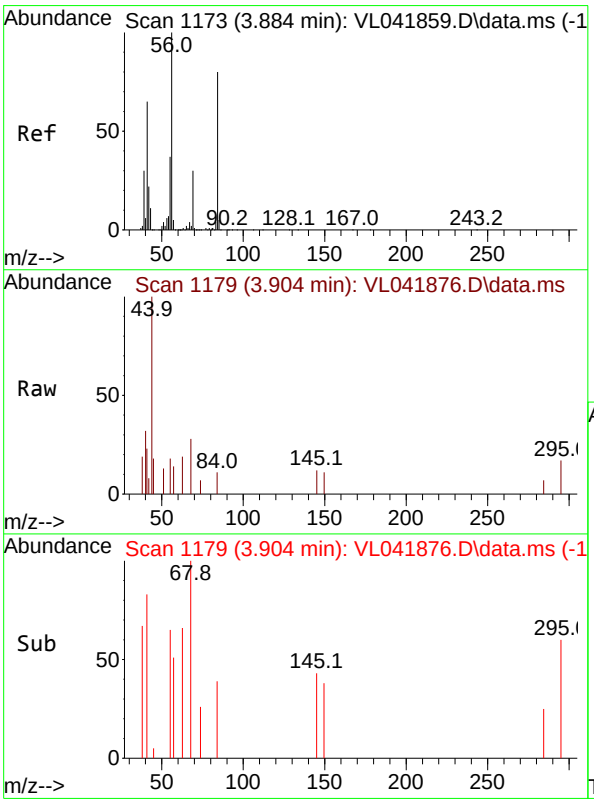
#29
Chloroform
Concen: 0.005 ppbv
RT: 2.855 min Scan# 8
Delta R.T. -0.013 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 83 Resp: 130

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.7	77.5#

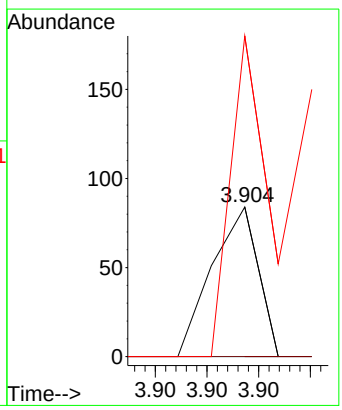


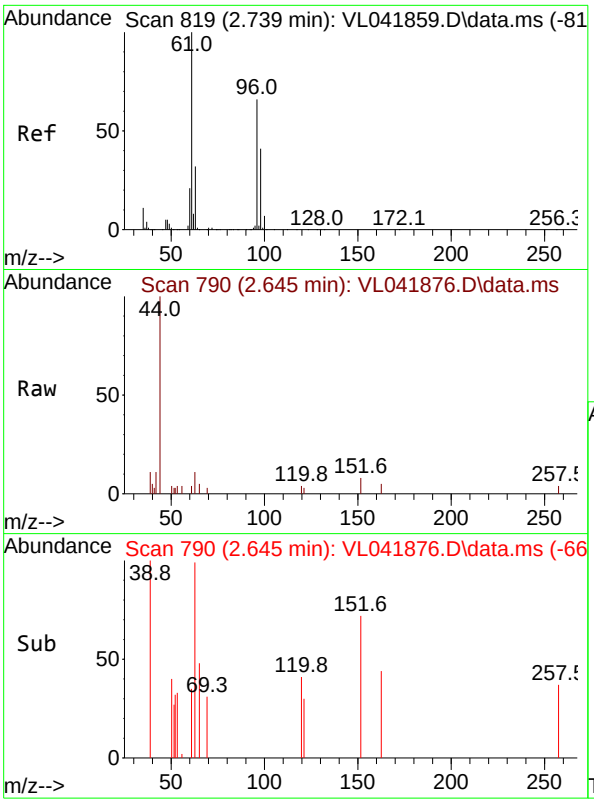


#30
Cyclohexane
Concen: 0.002 ppbv
RT: 3.904 min Scan# 1179
Delta R.T. 0.019 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 84 Resp: 26

Ion	Ratio	Lower	Upper
84	100		
56	0.0	100.7	151.1#
41	496.2	62.8	94.2#



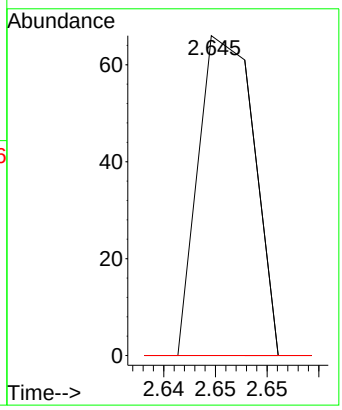


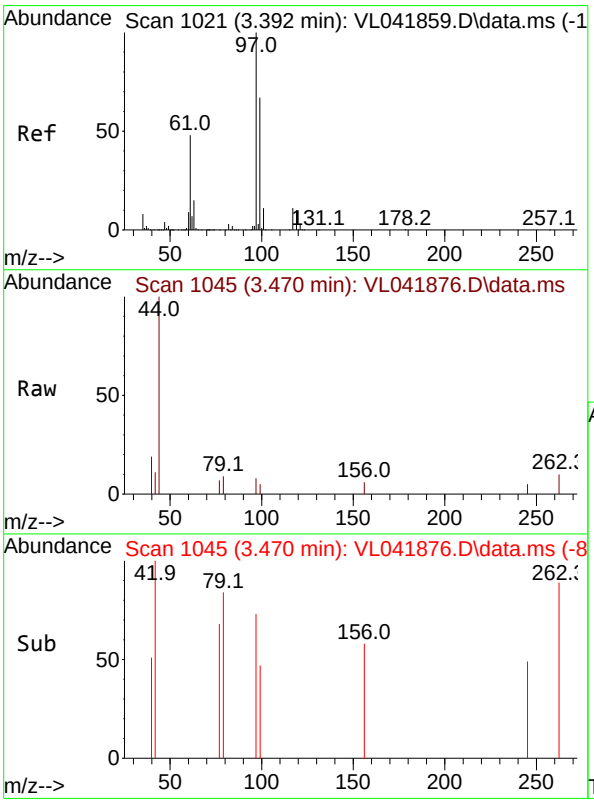
#31
cis-1,2-Dichloroethene
Concen: 0.001 ppbv
RT: 2.645 min Scan# 7
Delta R.T. -0.094 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 61 Resp: 25

Ion	Ratio	Lower	Upper
61	100		
96	0.0	53.2	79.8#
98	0.0	32.5	48.7#

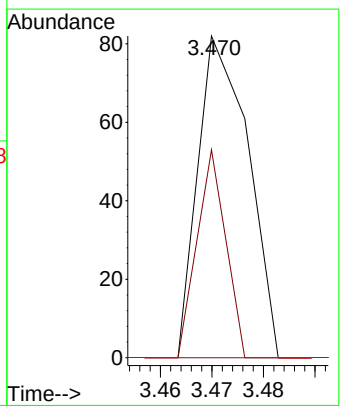


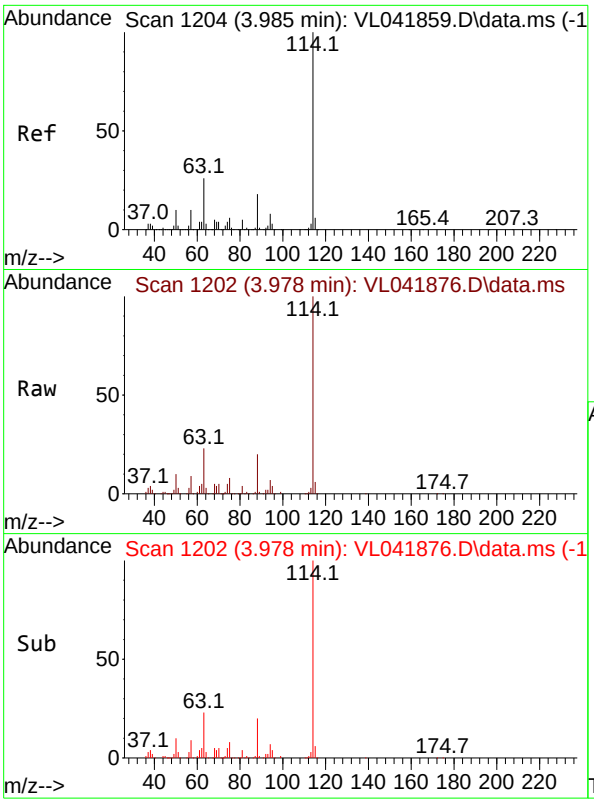


#32
1,1,1-Trichloroethane
Concen: 0.001 ppbv
RT: 3.470 min Scan# 1045
Delta R.T. 0.078 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 97 Resp: 28

Ion	Ratio	Lower	Upper
97	100		
99	117.9	52.0	78.0#
61	0.0	38.8	58.2#



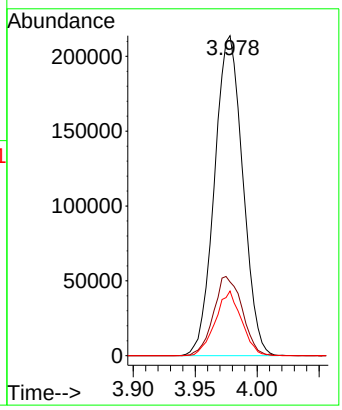


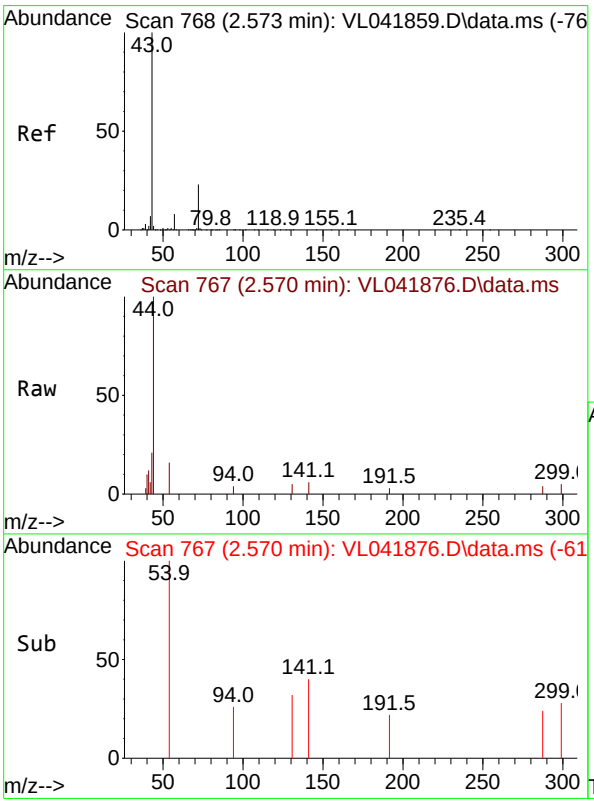
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:114 Resp: 340666

Ion	Ratio	Lower	Upper
114	100		
63	25.1	20.3	30.5
88	18.7	14.6	21.8

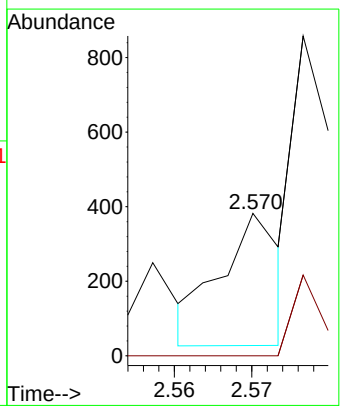


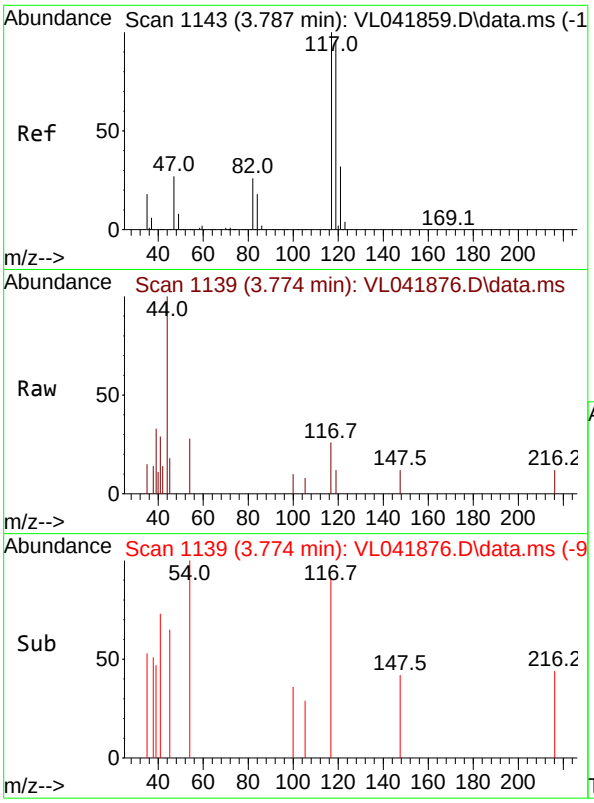


#34
2-Butanone
Concen: 0.007 ppbv
RT: 2.570 min Scan# 767
Delta R.T. -0.003 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 43 Resp: 189

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.5	27.7#



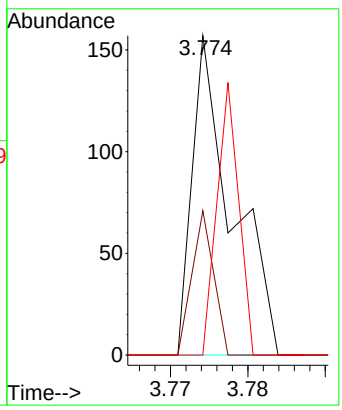


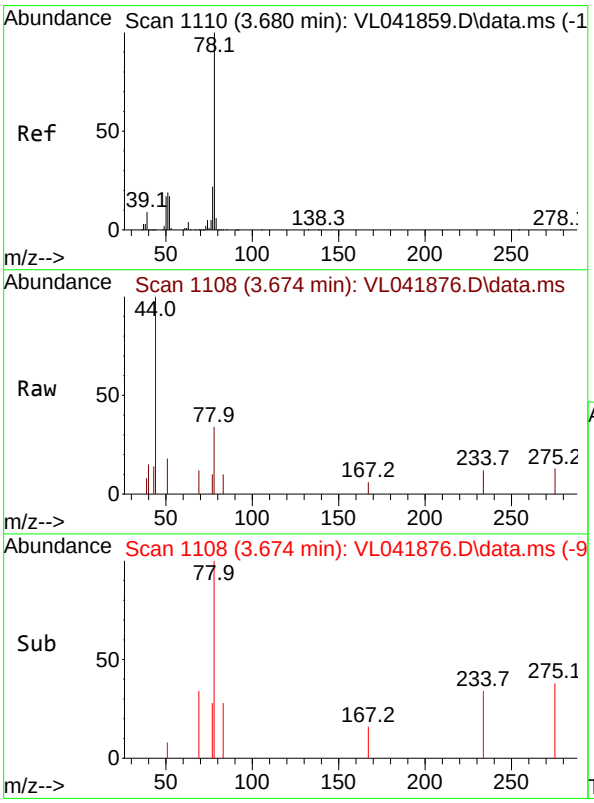
#35
Carbon Tetrachloride
Concen: 0.002 ppbv
RT: 3.774 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:117 Resp: 56

Ion	Ratio	Lower	Upper
117	100		
119	45.2	76.9	115.3#
121	0.0	25.9	38.9#

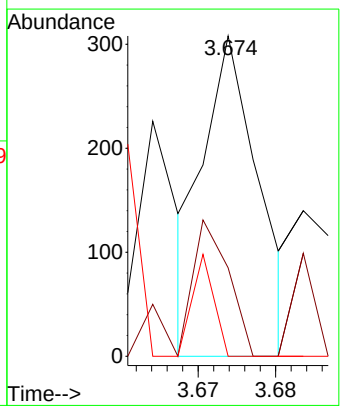


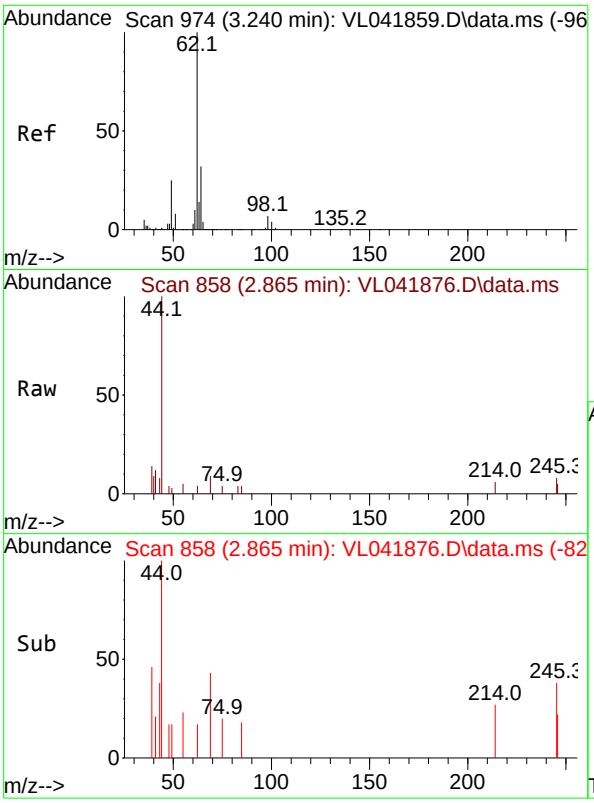


#36
Benzene
Concen: 0.004 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 78 Resp: 152

Ion	Ratio	Lower	Upper
78	100		
77	41.1	17.9	26.9#
50	0.0	13.7	20.5#



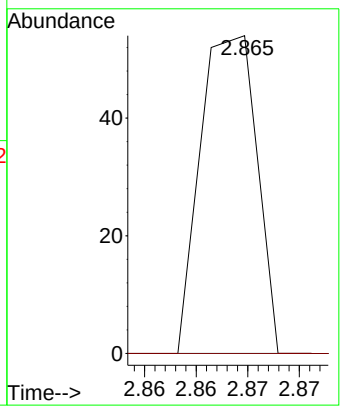


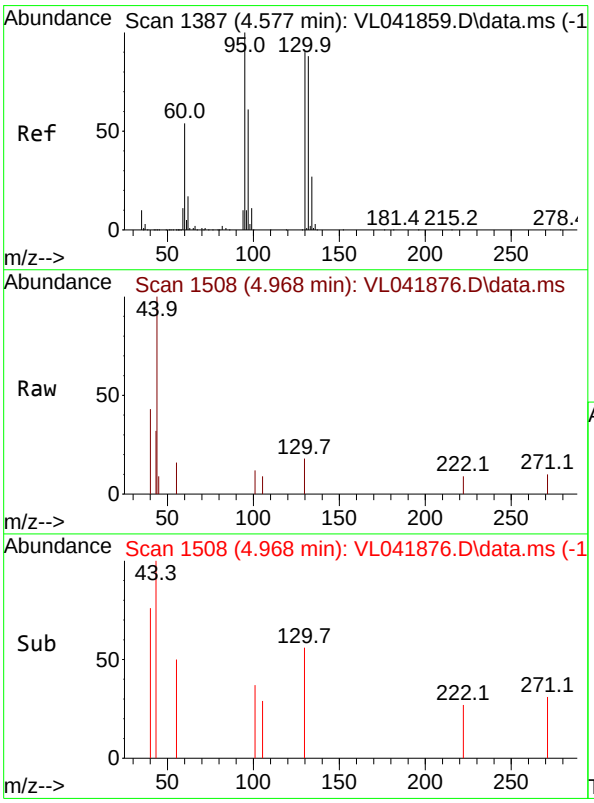
#37
1,2-Dichloroethane
Concen: 0.001 ppbv
RT: 2.865 min Scan# 8
Delta R.T. -0.376 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 62 Resp: 21

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.6	8.4#

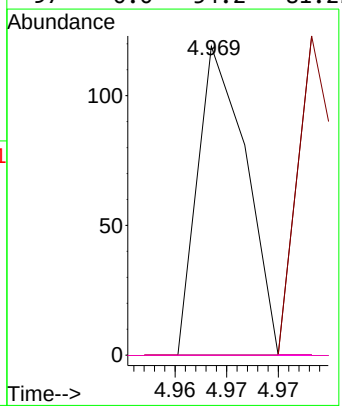


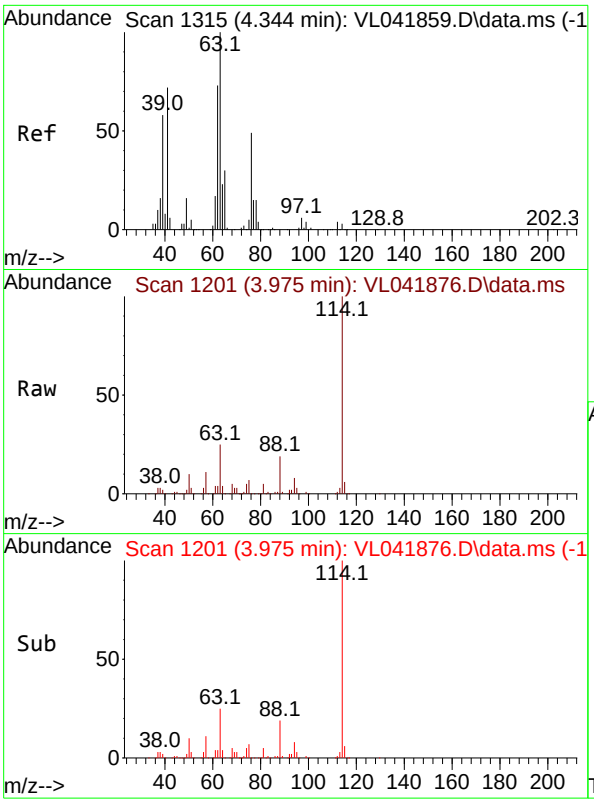


#38
Trichloroethene
Concen: 0.002 ppbv
RT: 4.968 min Scan# 1508
Delta R.T. 0.392 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:130 Resp: 39

Ion	Ratio	Lower	Upper
130	100		
95	0.0	88.5	132.7#
132	0.0	78.2	117.2#
97	0.0	54.2	81.2#



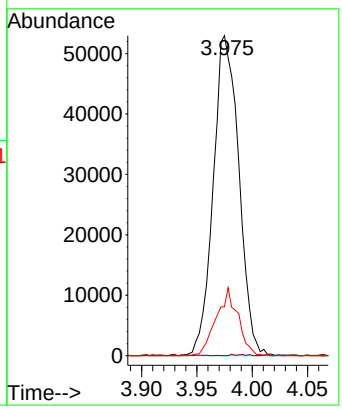


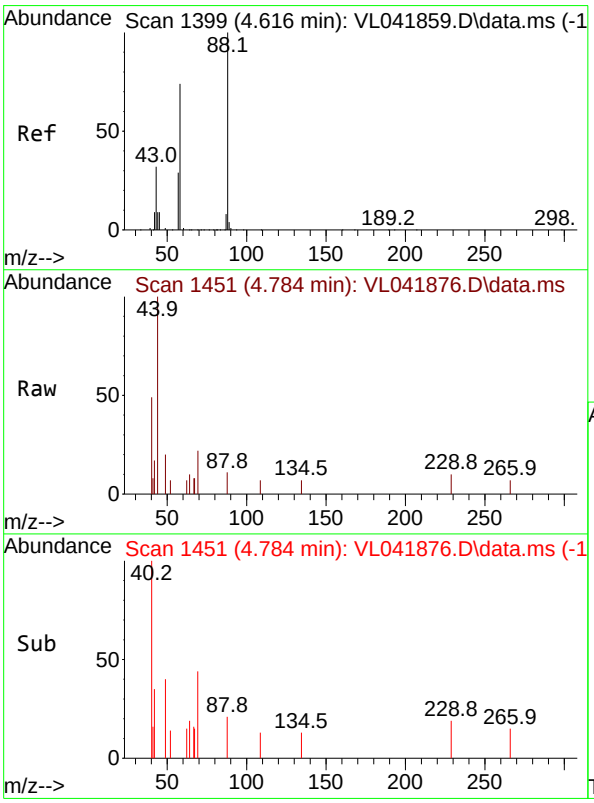
#39
1,2-Dichloropropane
Concen: 6.074 ppbv
RT: 3.975 min Scan# 1
Delta R.T. -0.369 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 63 Resp: 85393

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.0	87.0#
62	15.3	58.6	87.8#

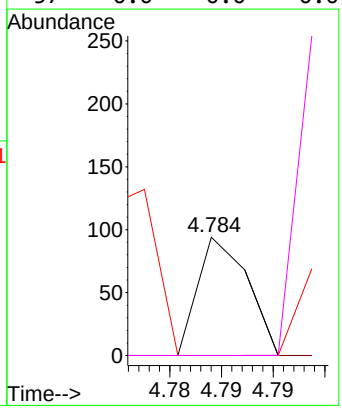


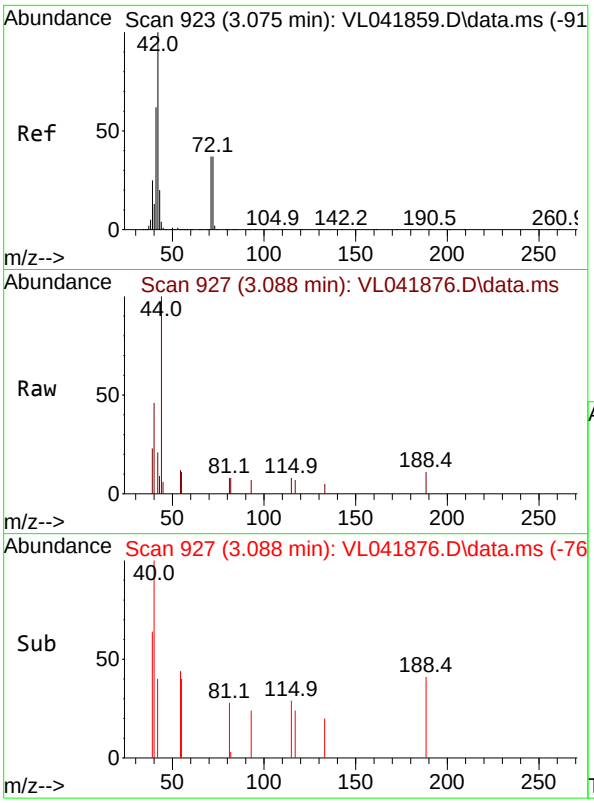


#40
1,4-Dioxane
Concen: 0.004 ppbv
RT: 4.784 min Scan# 1451
Delta R.T. 0.168 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 88 Resp: 31

Ion	Ratio	Lower	Upper
88	100		
58	0.0	52.2	78.4#
43	203.2	0.0	0.0#
57	0.0	0.0	0.0



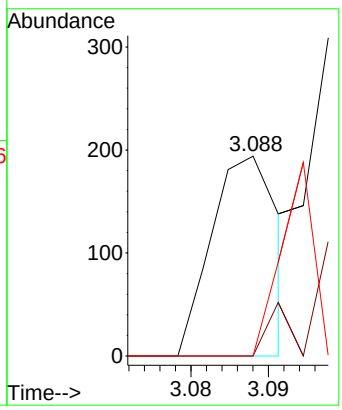


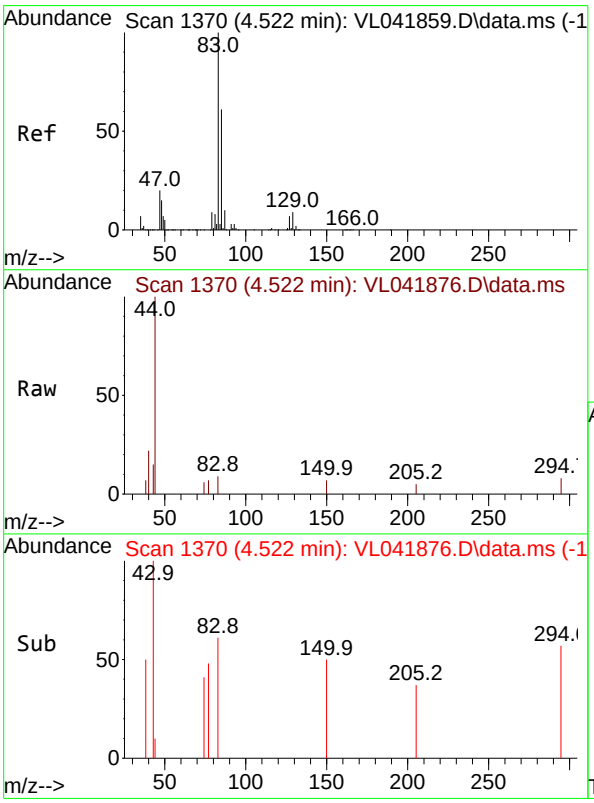
#41
Tetrahydrofuran
Concen: 0.007 ppbv
RT: 3.088 min Scan# 9
Delta R.T. 0.013 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 42 Resp: 116

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.8	46.2#
71	0.0	30.1	45.1#

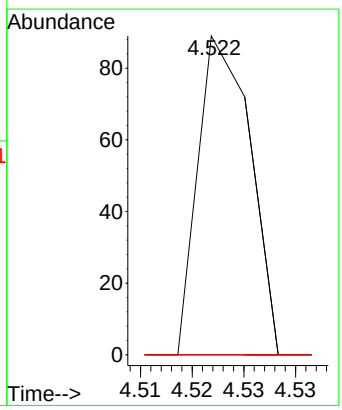


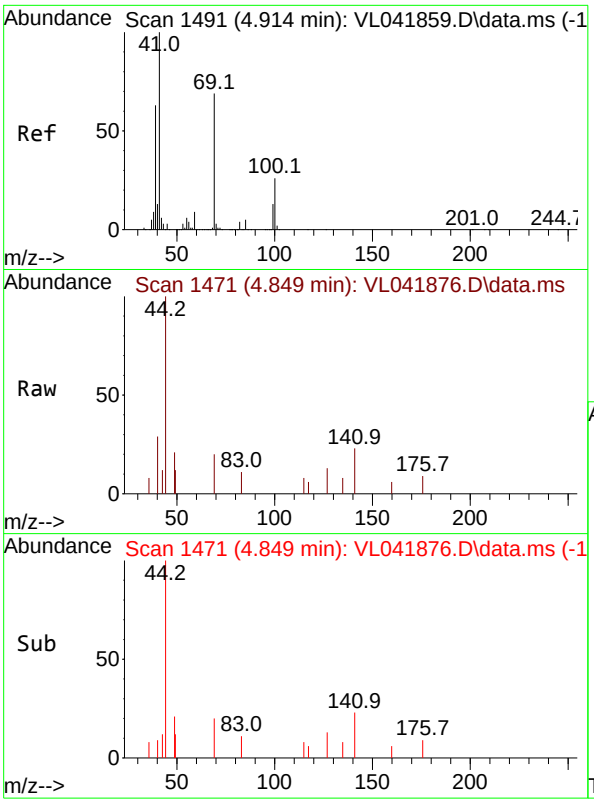


#42
Bromodichloromethane
Concen: 0.001 ppbv
RT: 4.522 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 83 Resp: 31

Ion	Ratio	Lower	Upper
83	100		
85	0.0	48.9	73.3#
127	0.0	5.4	8.2#



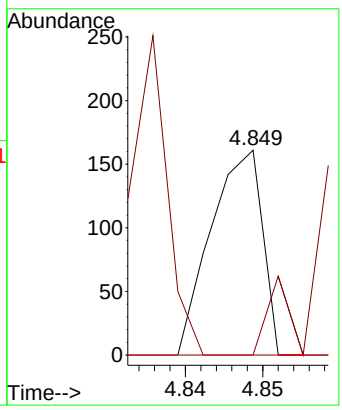


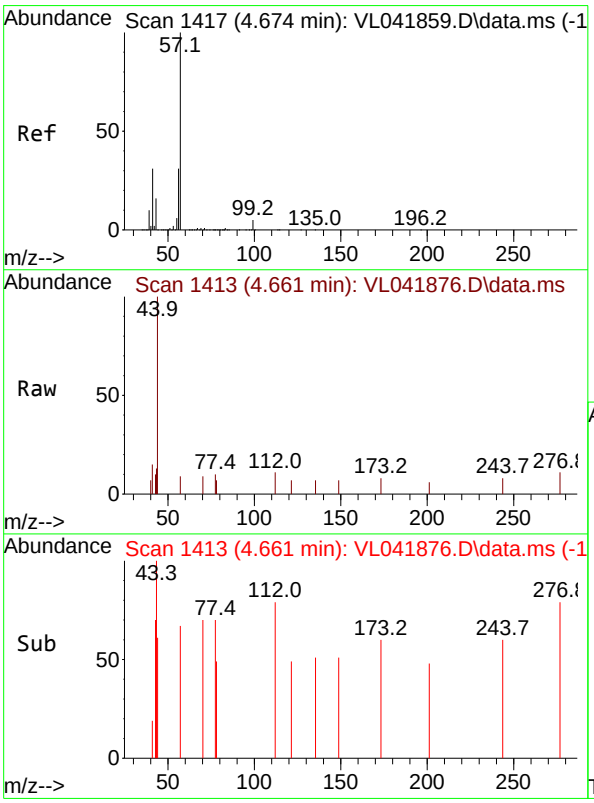
#43
Methyl Methacrylate
Concen: 0.005 ppbv
RT: 4.849 min Scan# 14
Delta R.T. -0.065 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 69 Resp: 74

Ion	Ratio	Lower	Upper
69	100		
41	383.8	116.2	174.4#
100	0.0	29.8	44.8#

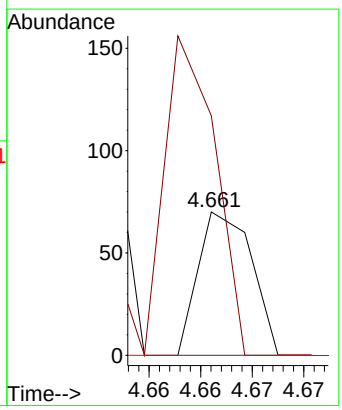


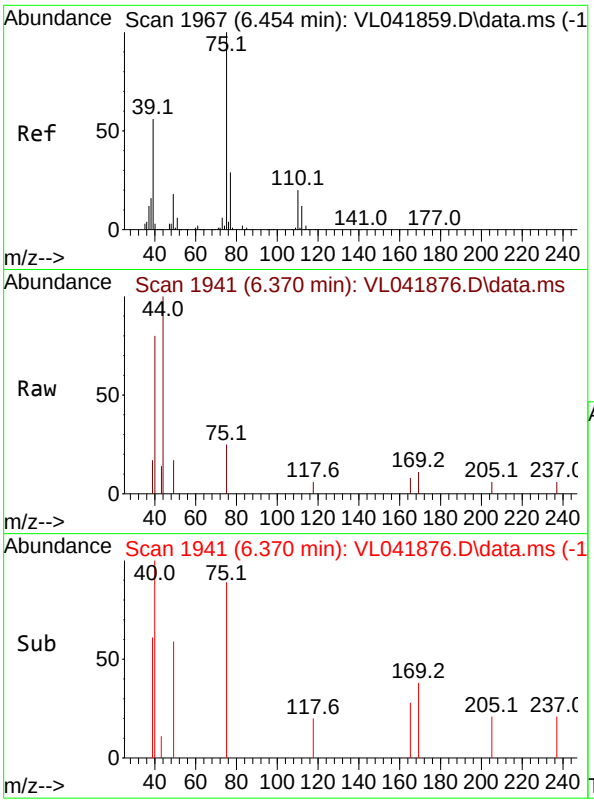


#44
2,2,4-Trimethylpentane
Concen: 0.000 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. -0.013 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 57 Resp: 25

Ion	Ratio	Lower	Upper
57	100		
41	440.0	25.5	38.3#
56	40.0	25.6	38.4#



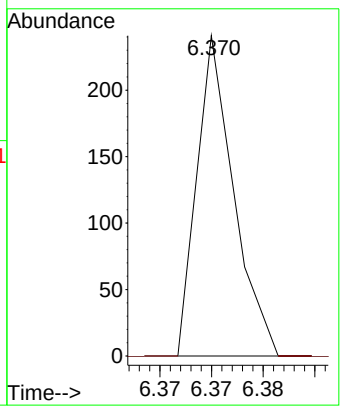


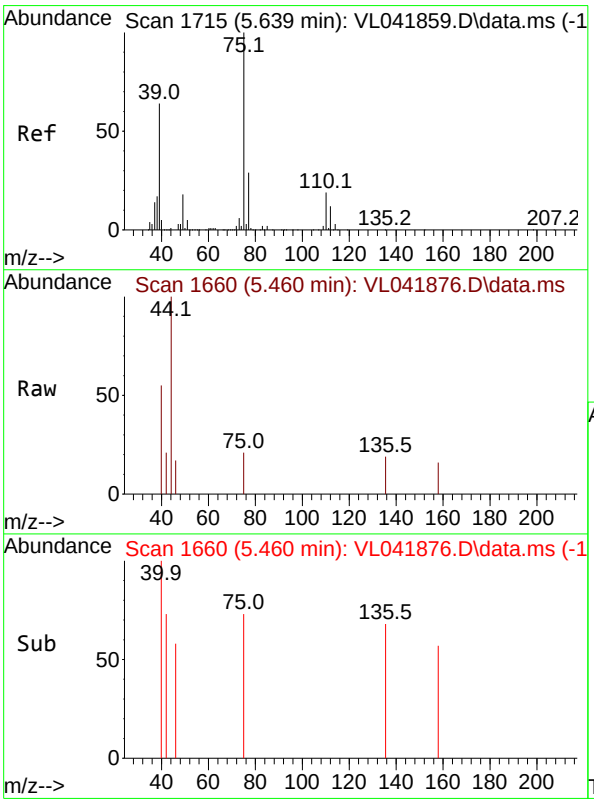
#45
t-1,3-Dichloropropene
Concen: 0.004 ppbv
RT: 6.370 min Scan# 1
Delta R.T. -0.084 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 75 Resp: 60

Ion	Ratio	Lower	Upper
75	100		
77	0.0	23.4	35.2#

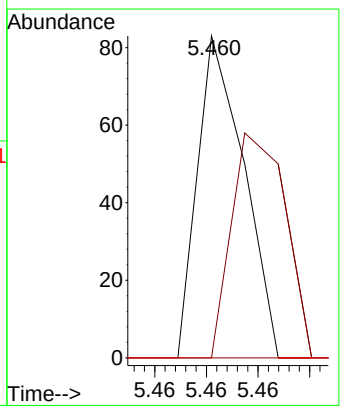


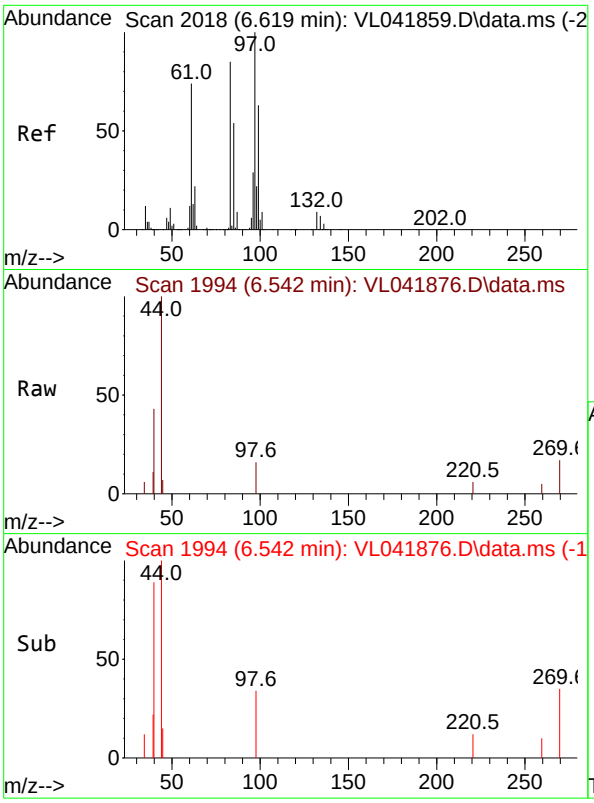


#46
cis-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 5.460 min Scan# 1660
Delta R.T. -0.178 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 75 Resp: 26

Ion	Ratio	Lower	Upper
75	100		
39	0.0	51.4	77.2#
77	0.0	23.0	34.4#



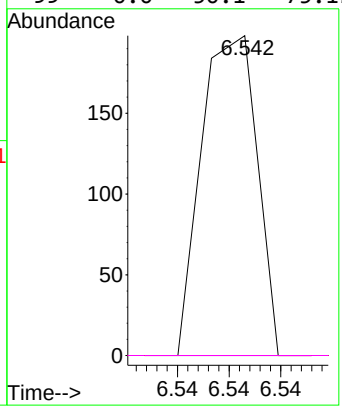


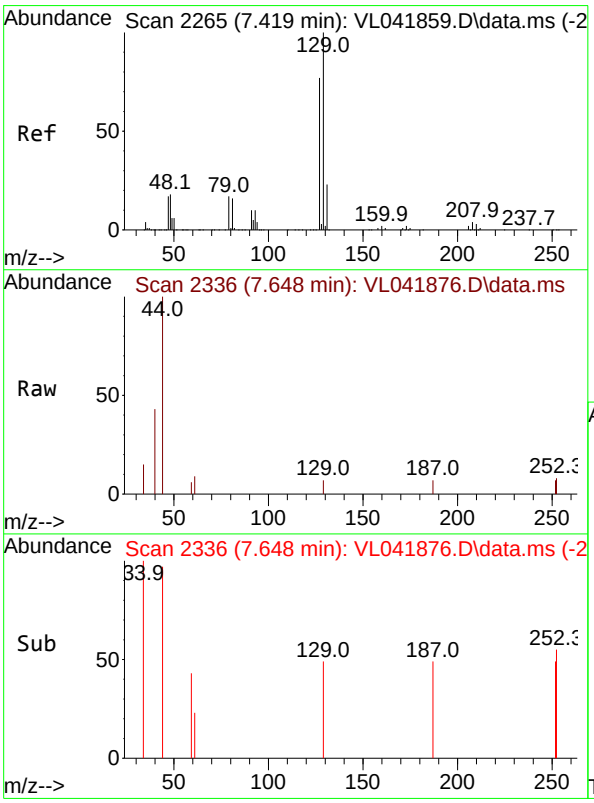
#47
1,1,2-Trichloroethane
Concen: 0.005 ppbv
RT: 6.542 min Scan# 1
Delta R.T. -0.078 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 97 Resp: 74

Ion	Ratio	Lower	Upper
97	100		
83	0.0	68.1	102.1#
85	0.0	43.4	65.2#
99	0.0	50.1	75.1#

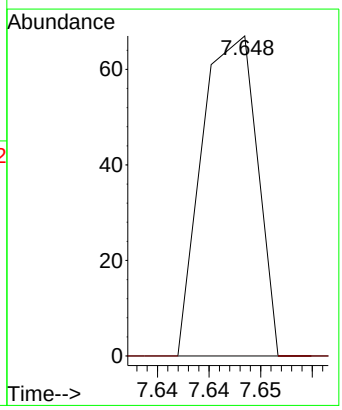


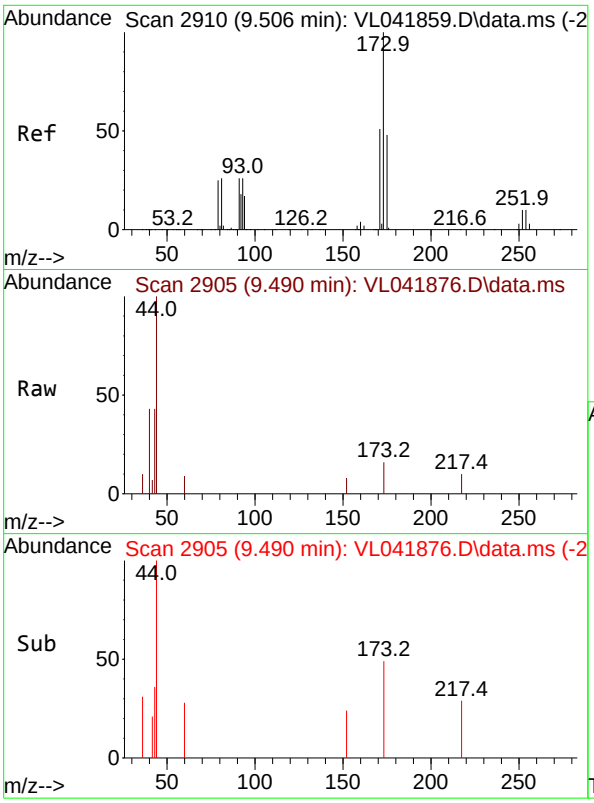


#48
Dibromochloromethane
Concen: 0.001 ppbv
RT: 7.648 min Scan# 2336
Delta R.T. 0.230 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:129 Resp: 25

Ion	Ratio	Lower	Upper
129	100		
127	176.0	39.4	118.1#



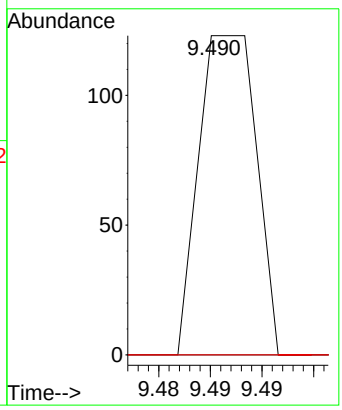


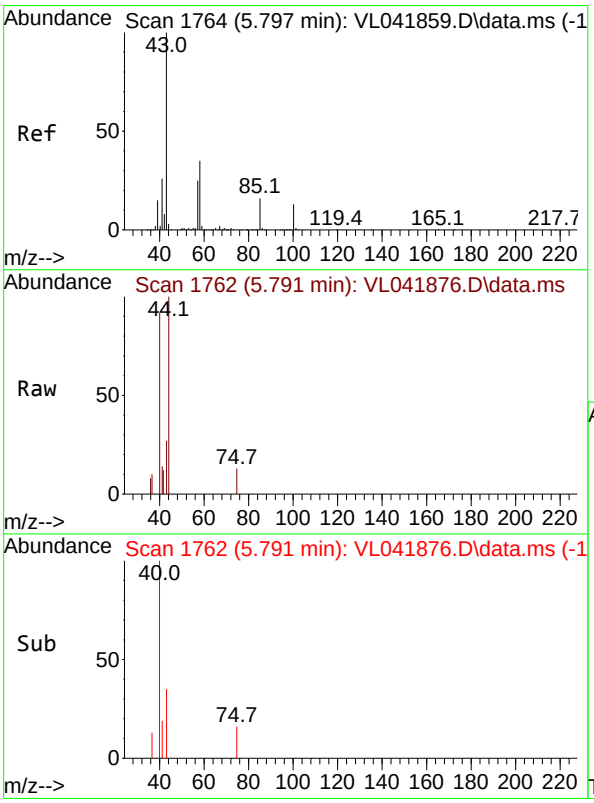
#49
Bromoform
Concen: 0.002 ppbv
RT: 9.490 min Scan# 2
Delta R.T. -0.016 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:173 Resp: 48

Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.2	57.2#
171	0.0	41.3	61.9#

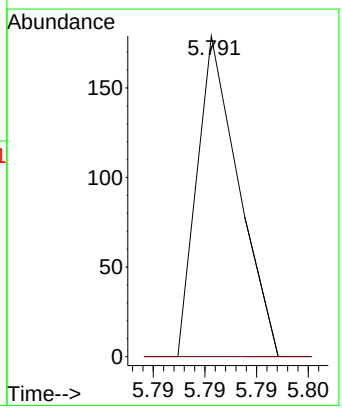


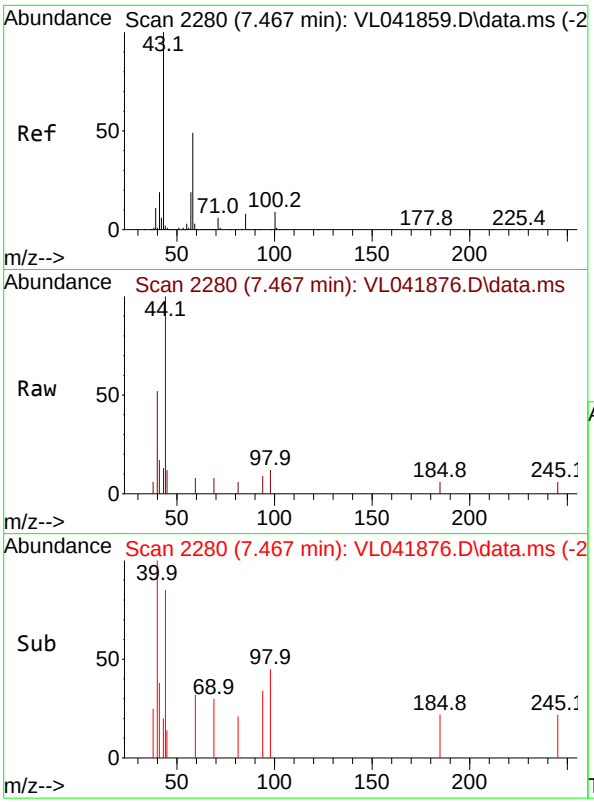


#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 5.791 min Scan# 1762
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 43 Resp: 50

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.2#



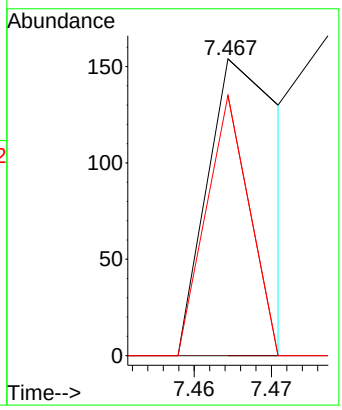


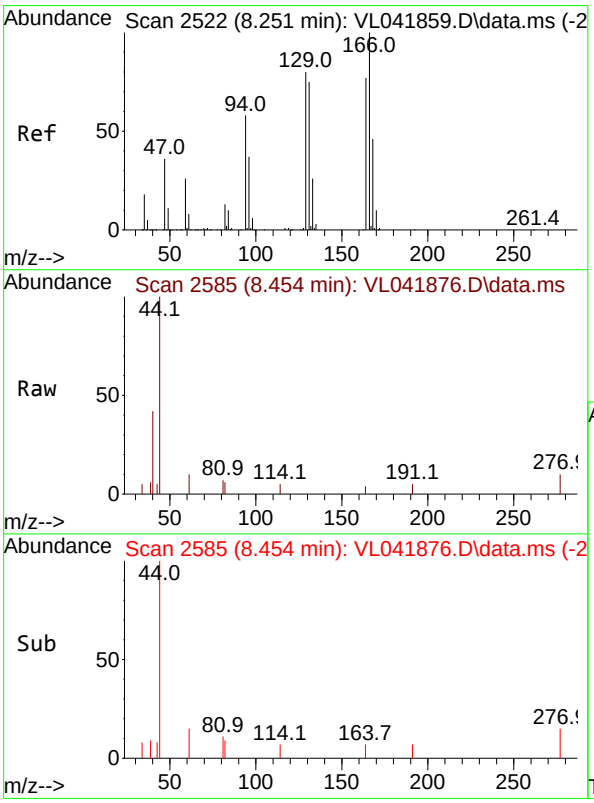
#51
2-Hexanone
Concen: 0.002 ppbv
RT: 7.467 min Scan# 2
Delta R.T. -0.000 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 43 Resp: 55

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.0	60.0#
98	0.0	0.1	0.1#

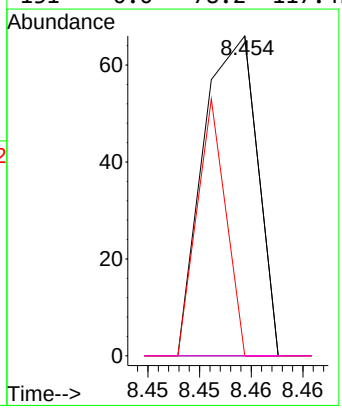


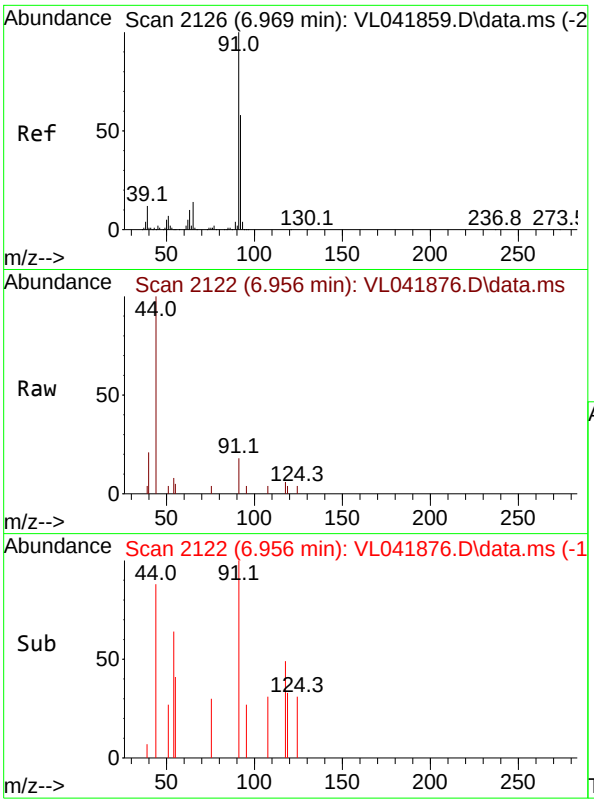


#52
Tetrachloroethene
Concen: 0.002 ppbv
RT: 8.454 min Scan# 2585
Delta R.T. 0.204 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:164 Resp: 24

Ion	Ratio	Lower	Upper
164	100		
166	0.0	103.6	155.4#
129	0.0	82.6	123.8#
131	0.0	78.2	117.4#



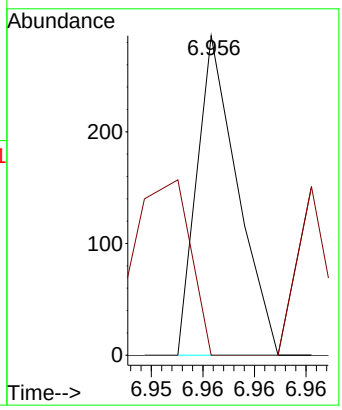


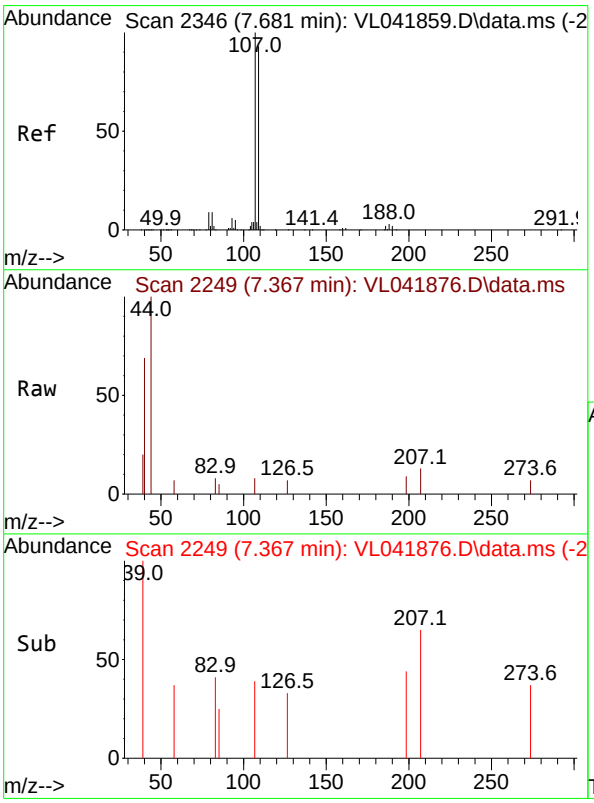
#53
Toluene
Concen: 0.002 ppbv
RT: 6.956 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 91 Resp: 78

Ion	Ratio	Lower	Upper
91	100		
92	111.5	47.2	70.8#

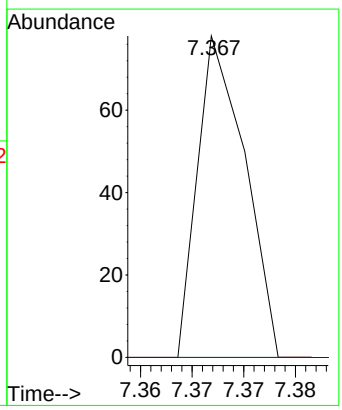


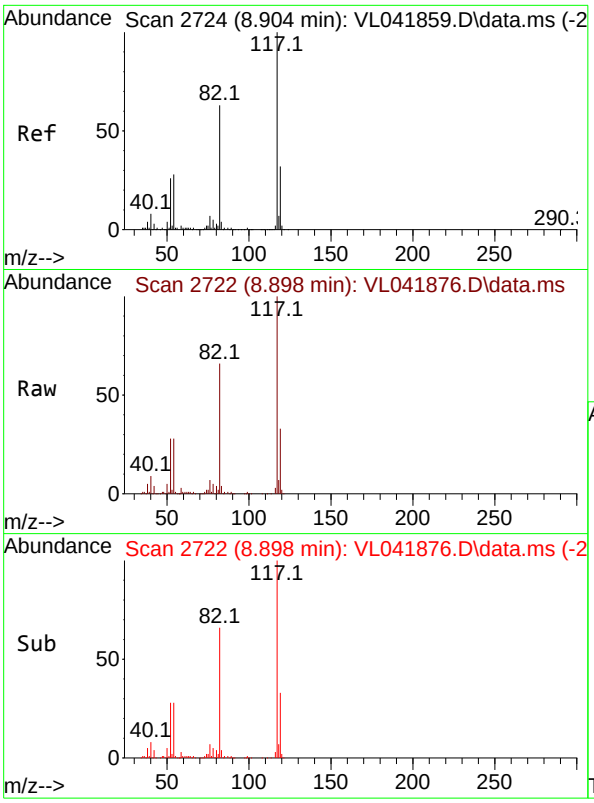


#54
1,2-Dibromoethane
Concen: 0.001 ppbv
RT: 7.367 min Scan# 2249
Delta R.T. -0.314 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:107 Resp: 25

Ion	Ratio	Lower	Upper
107	100		
109	0.0	74.6	112.0#



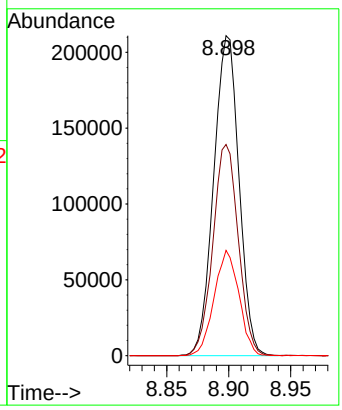


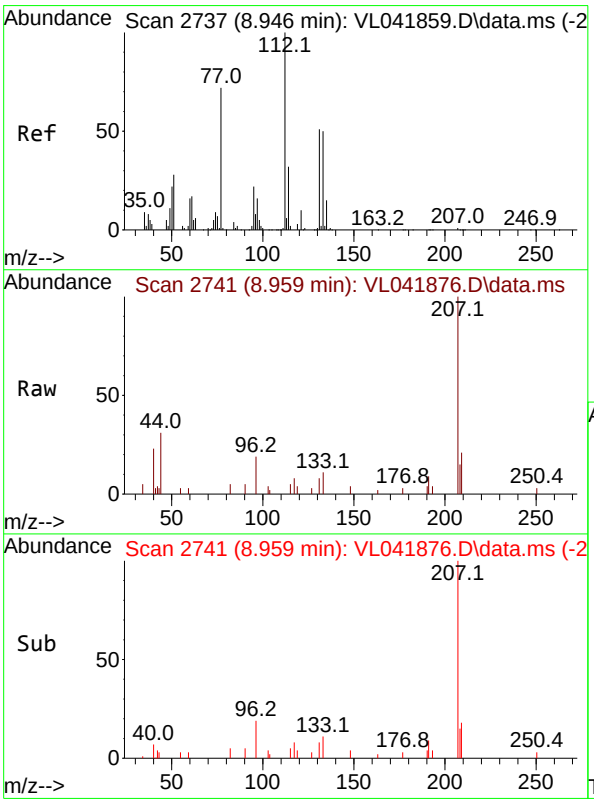
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:117 Resp: 300213

Ion	Ratio	Lower	Upper
117	100		
82	66.4	54.5	81.7
119	32.4	24.6	37.0

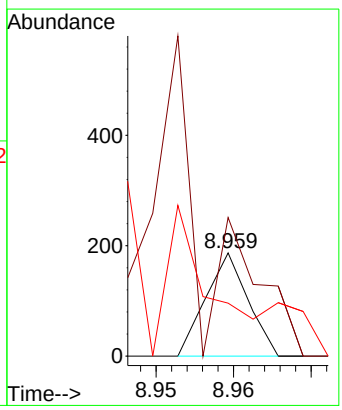


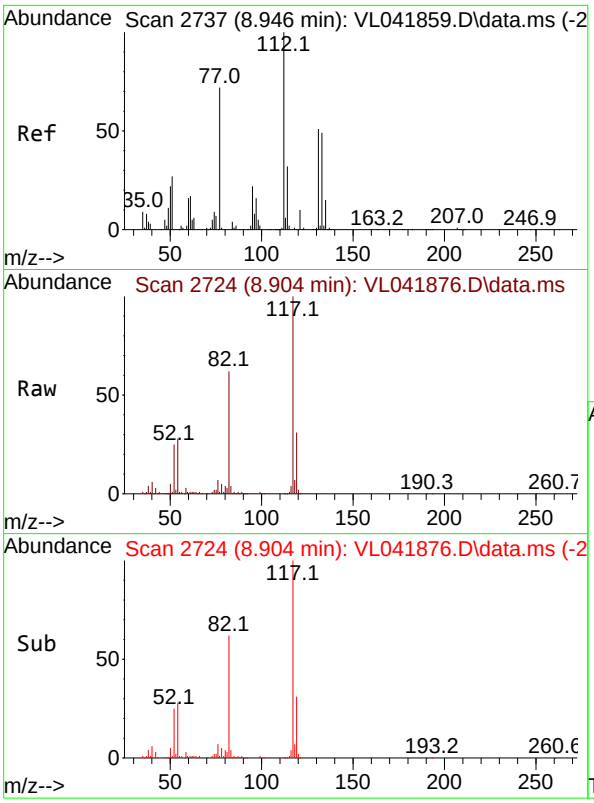


#56
1,1,1,2-Tetrachloroethane
Concen: 0.004 ppbv
RT: 8.959 min Scan# 2741
Delta R.T. 0.013 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:131 Resp: 71

Ion	Ratio	Lower	Upper
131	100		
133	523.9	77.4	116.2#
119	137107.0	49.4	74.0#



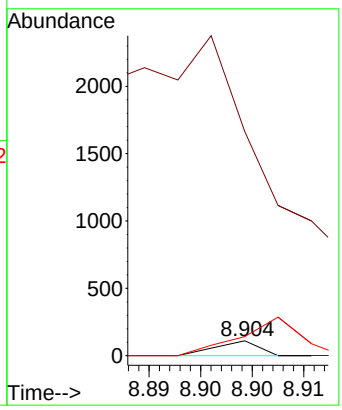


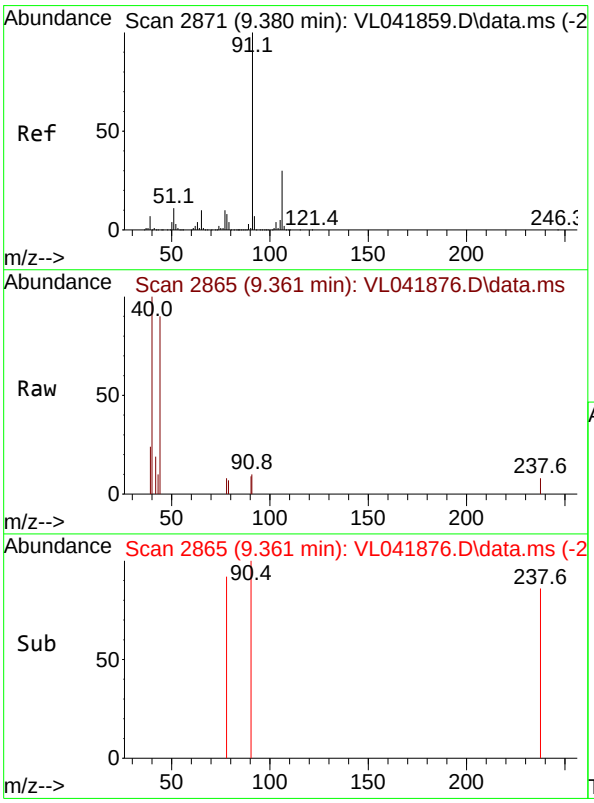
#57
Chlorobenzene
Concen: 0.001 ppbv
RT: 8.904 min Scan# 2
Delta R.T. -0.042 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:112 Resp: 32

Ion	Ratio	Lower	Upper
112	100		
77	494.6	58.3	87.5#
114	127.9	28.9	35.3#

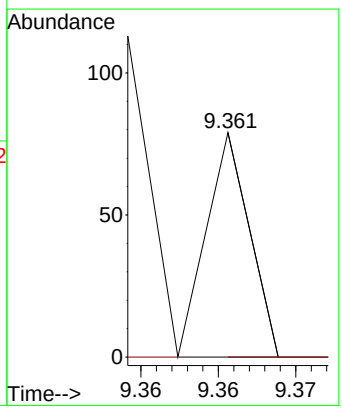


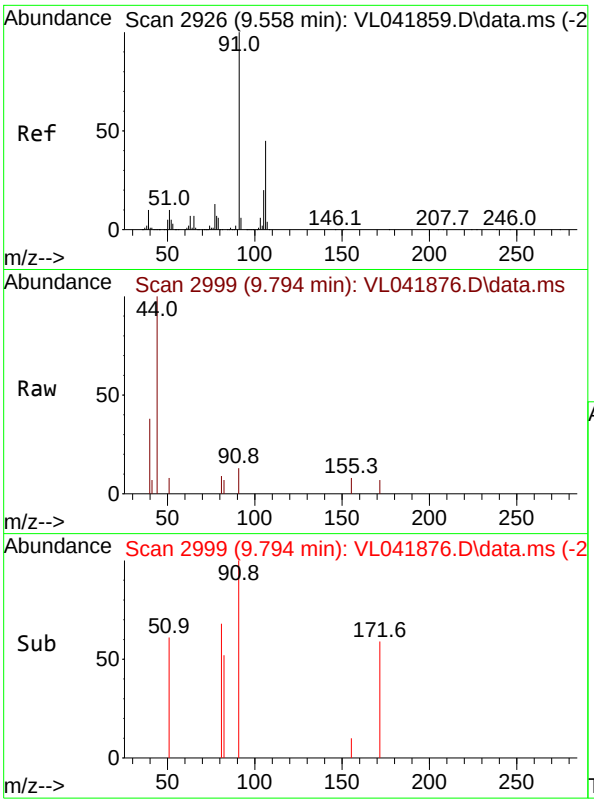


#58
Ethyl Benzene
Concen: 0.000 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. -0.019 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 91 Resp: 15

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.2	36.2#



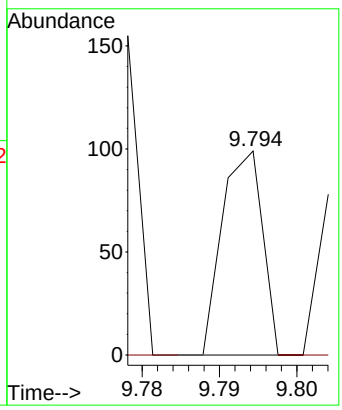


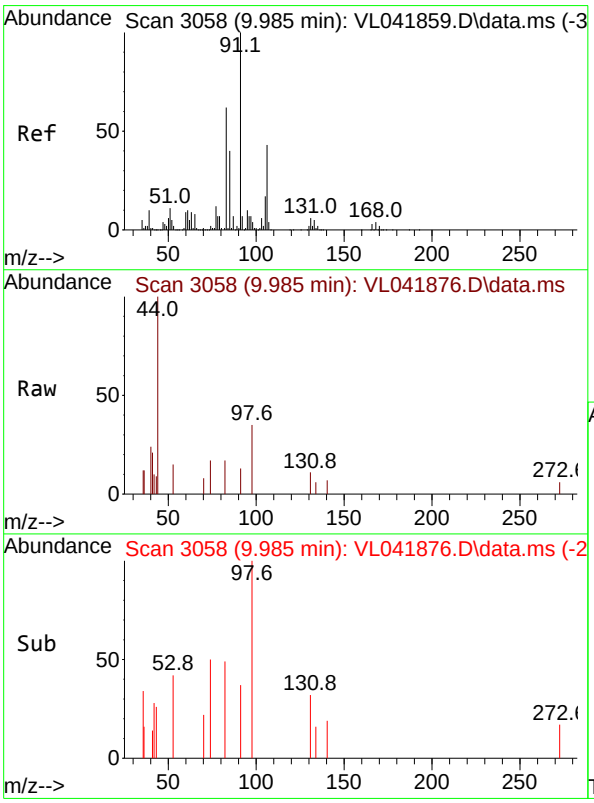
#59
m/p-Xylene
Concen: 0.001 ppbv
RT: 9.794 min Scan# 2
Delta R.T. 0.236 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 91 Resp: 36

Ion	Ratio	Lower	Upper
91	100		
106	66.7	0.0	0.0#

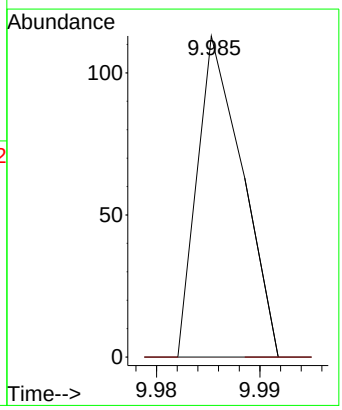


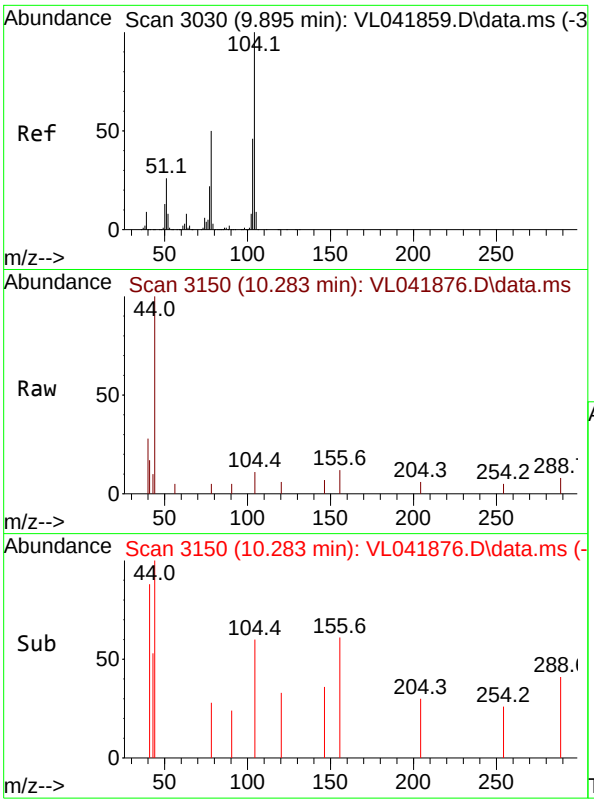


#60
o-Xylene
Concen: 0.001 ppbv
RT: 9.985 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 91 Resp: 34

Ion	Ratio	Lower	Upper
91	100		
106	0.0	21.4	64.3#



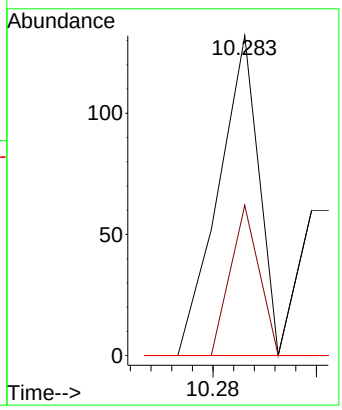


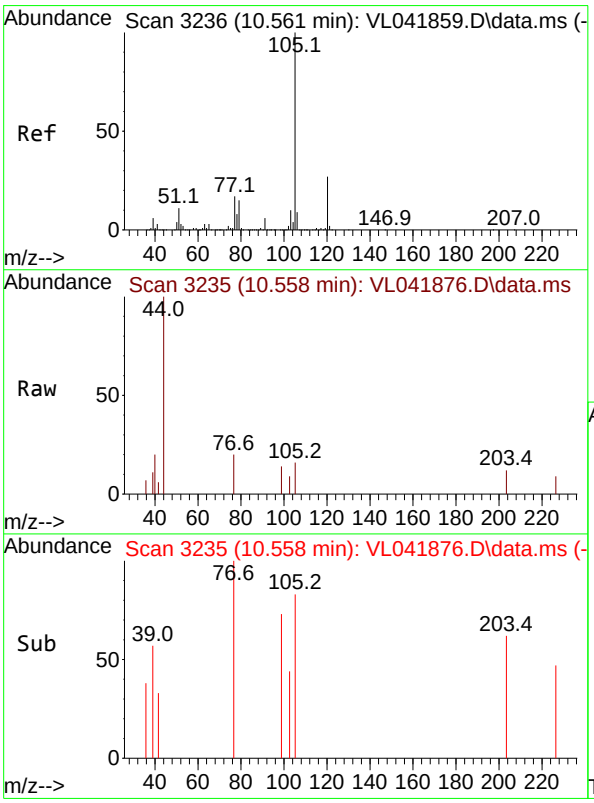
#61
Styrene
Concen: 0.001 ppbv
RT: 10.283 min Scan# 3
Delta R.T. 0.388 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:104 Resp: 36

Ion	Ratio	Lower	Upper
104	100		
78	133.3	40.7	61.1#
103	0.0	37.0	55.6#

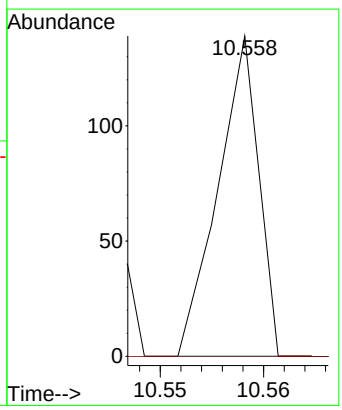


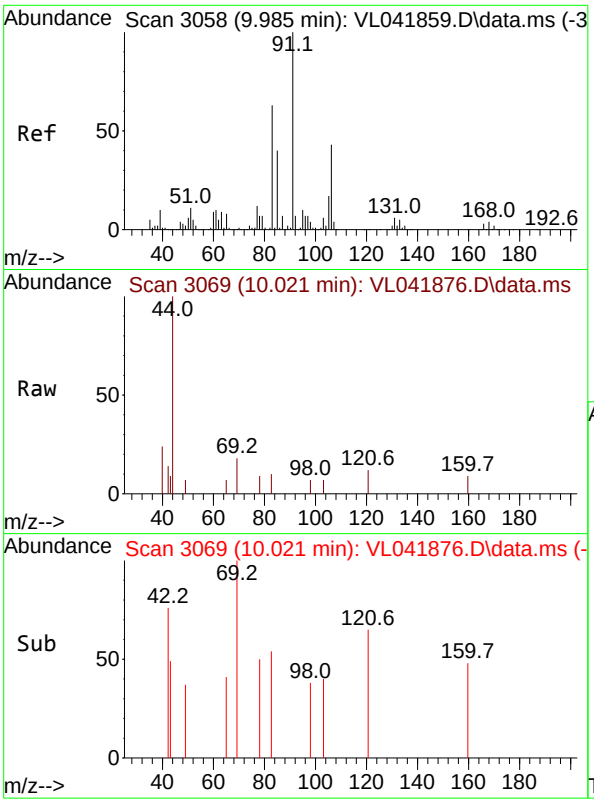


#62
Isopropylbenzene
Concen: 0.001 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:105 Resp: 38

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.3	30.5#



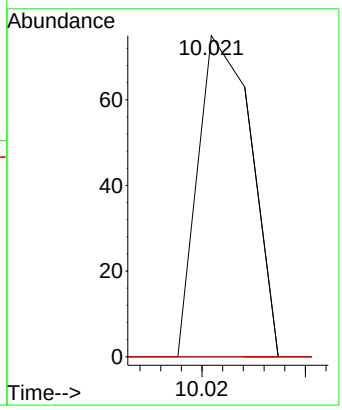


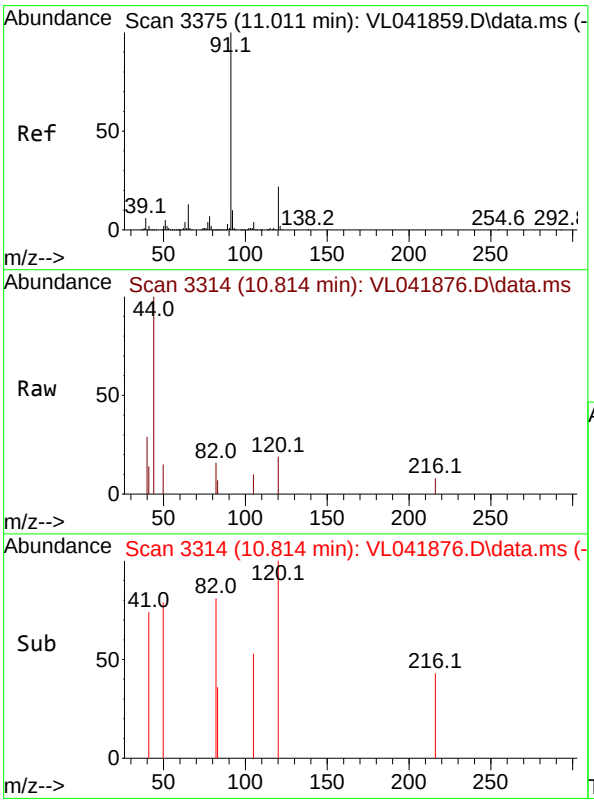
#63
1,1,2,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 10.021 min Scan# 3
Delta R.T. 0.036 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 83 Resp: 27

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	0.0	32.1	96.3#

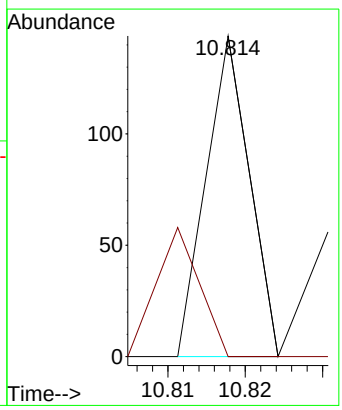


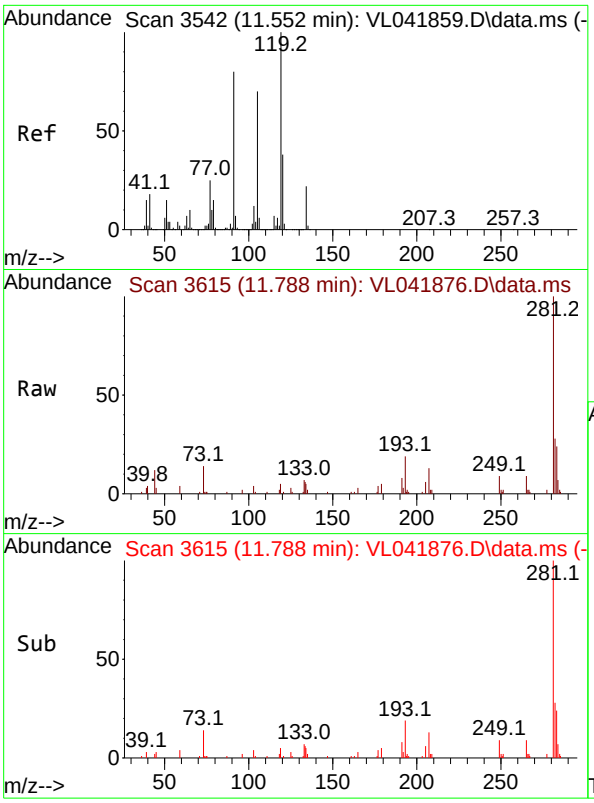


#64
n-propylbenzene
Concen: 0.001 ppbv
RT: 10.814 min Scan# 3314
Delta R.T. -0.197 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:120 Resp: 28

Ion	Ratio	Lower	Upper
120	100		
91	500.0	376.9	565.3



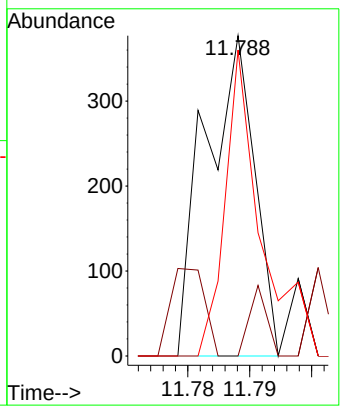


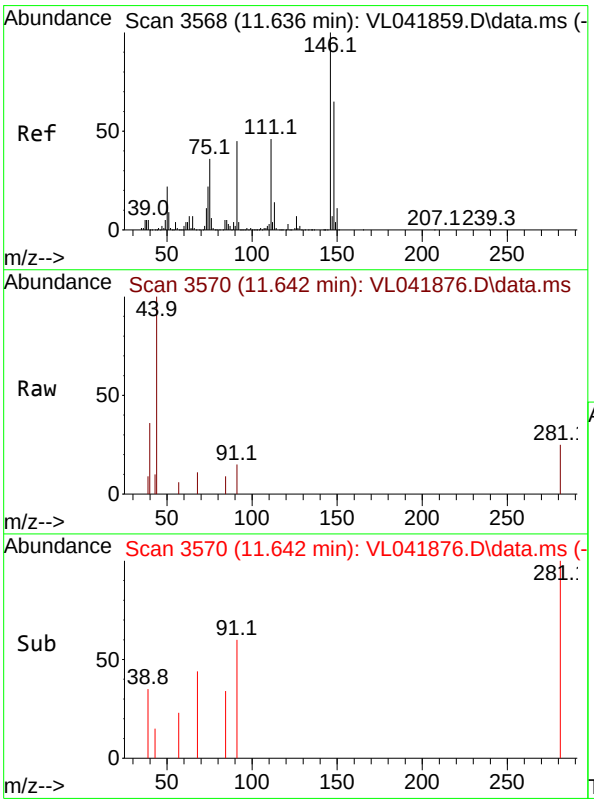
#65
tert-Butylbenzene
Concen: 0.003 ppbv
RT: 11.788 min Scan# 3
Delta R.T. 0.236 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:119 Resp: 209

Ion	Ratio	Lower	Upper
119	100		
91	10.5	64.6	97.0#
134	69.4	16.9	25.3#

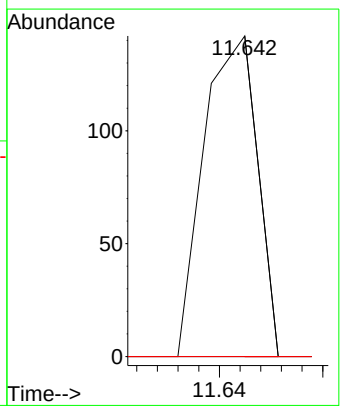


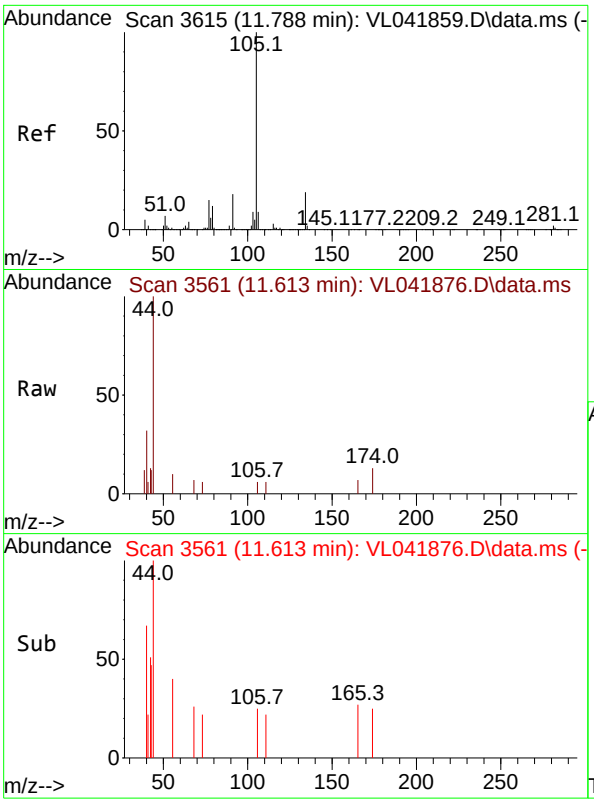


#66
Benzyl Chloride
Concen: 0.007 ppbv
RT: 11.642 min Scan# 3570
Delta R.T. 0.006 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 91 Resp: 51

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.9	20.9#
128	0.0	4.8	7.2#



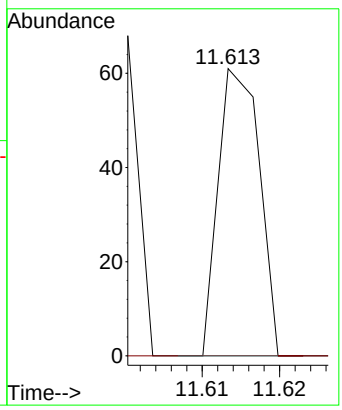


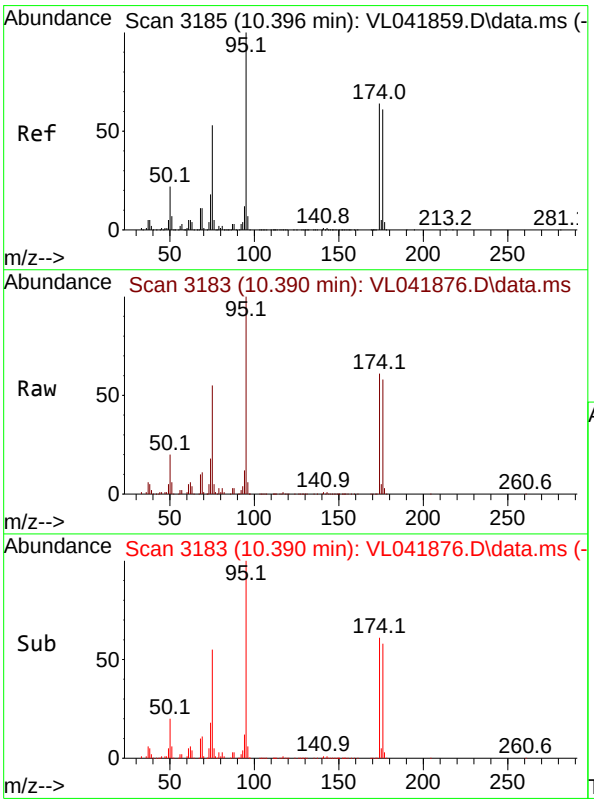
#67
sec-Butylbenzene
Concen: 0.000 ppbv
RT: 11.613 min Scan# 3
Delta R.T. -0.175 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:105 Resp: 23

Ion	Ratio	Lower	Upper
105	100		
134	630.4	15.4	23.2#

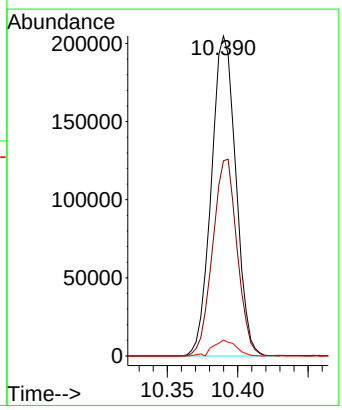


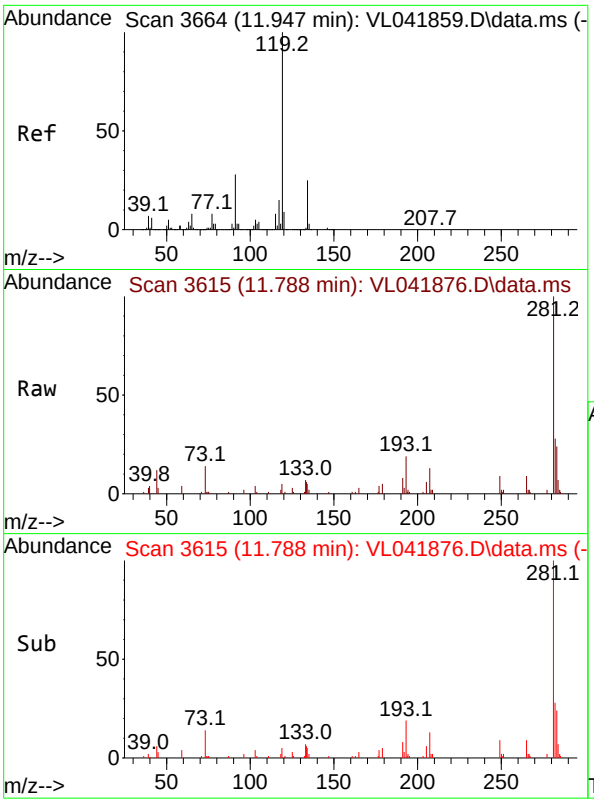


#68
1-Bromo-4-Fluorobenzene
Concen: 10.316 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 95 Resp: 248334

Ion	Ratio	Lower	Upper
95	100		
174	61.5	51.1	76.7
175	4.7	3.8	5.8



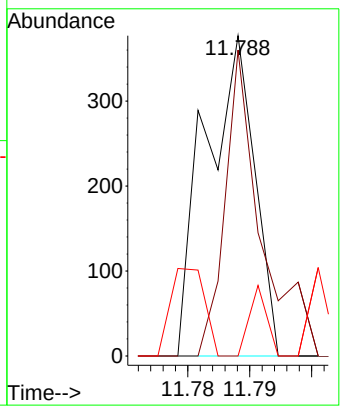


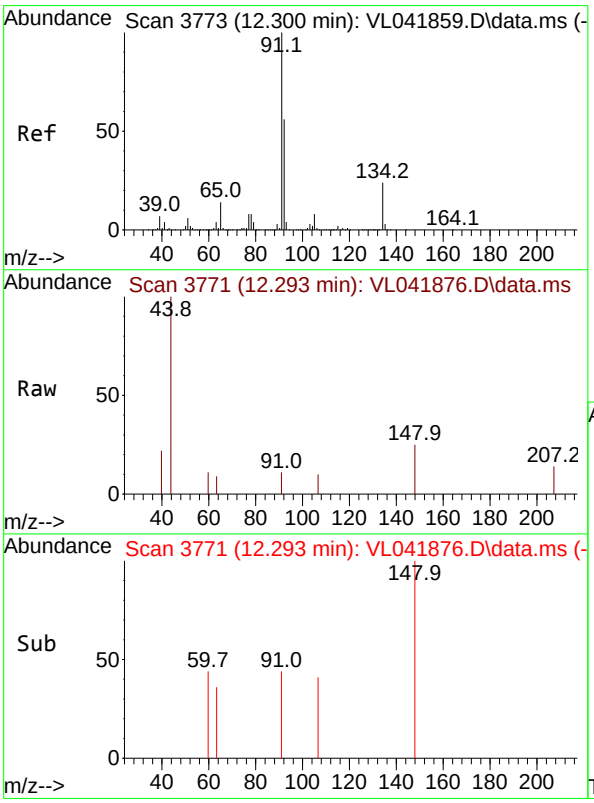
#69
p-Isopropyltoluene
Concen: 0.003 ppbv
RT: 11.788 min Scan# 3
Delta R.T. -0.159 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:119 Resp: 209

Ion	Ratio	Lower	Upper
119	100		
134	69.4	20.3	30.5#
91	26.8	22.6	34.0

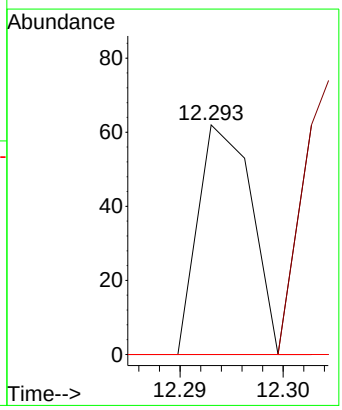


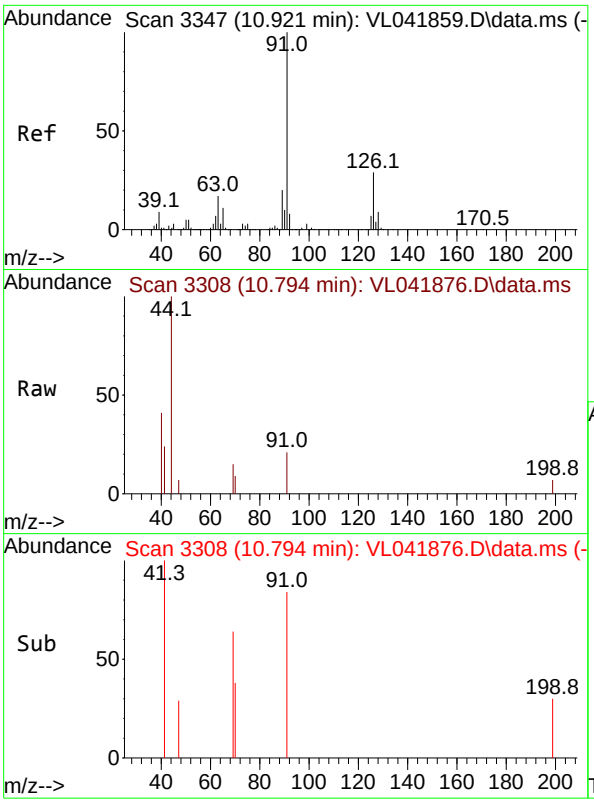


#70
n-Butylbenzene
Concen: 0.000 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion: 91 Resp: 22

Ion	Ratio	Lower	Upper
91	100		
92	131.8	43.8	65.8#
134	345.5	19.3	28.9#



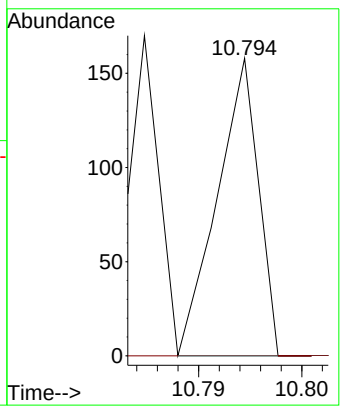


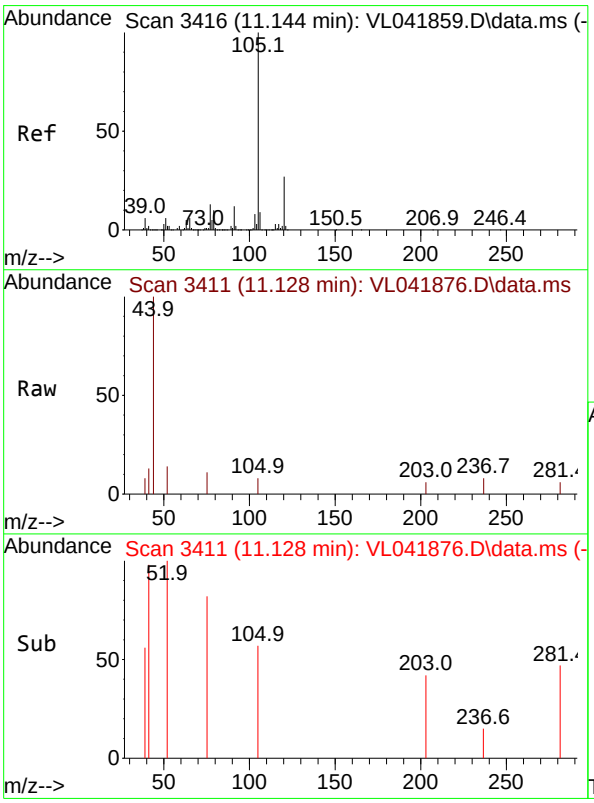
#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 10.794 min Scan# 3
Delta R.T. -0.126 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion: 91 Resp: 44

Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.6	46.6#

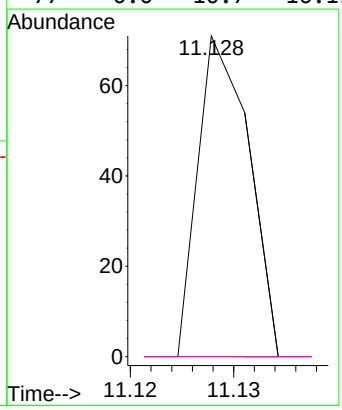


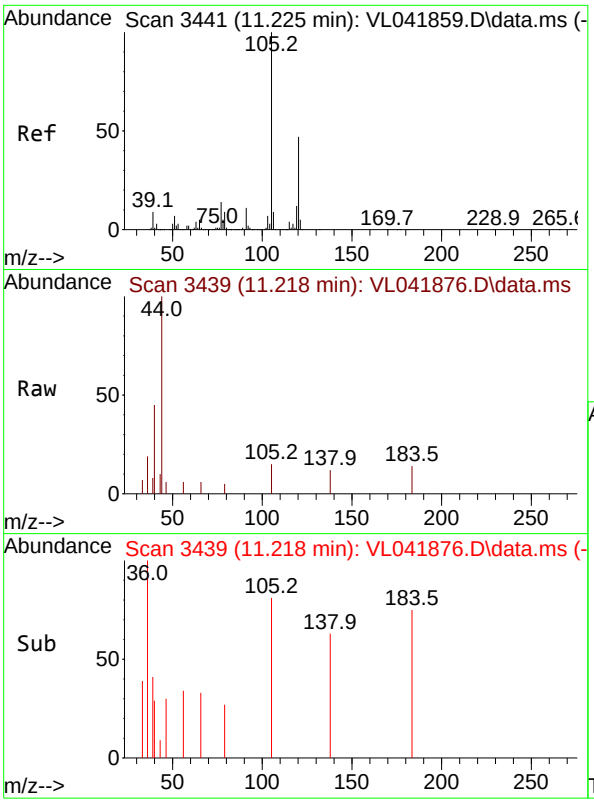


#72
4-Ethyltoluene
Concen: 0.000 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.016 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:105 Resp: 24

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.5	35.3#
91	58.3	9.8	14.8#
77	0.0	10.7	16.1#



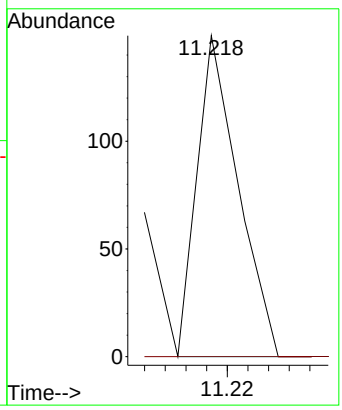


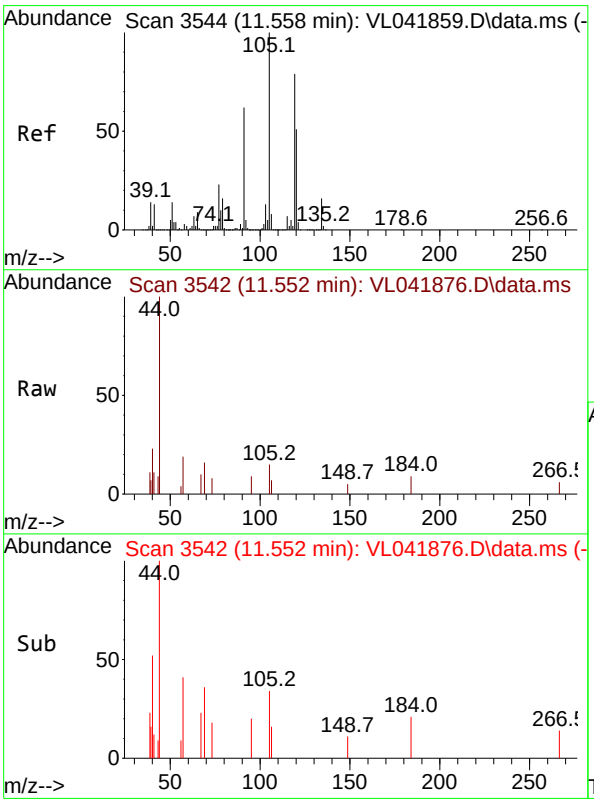
#73
1,3,5-Trimethylbenzene
Concen: 0.001 ppbv
RT: 11.218 min Scan# 34
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:105 Resp: 41

Ion	Ratio	Lower	Upper
105	100		
120	0.0	37.2	55.8#

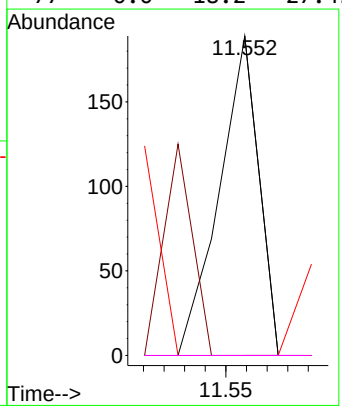


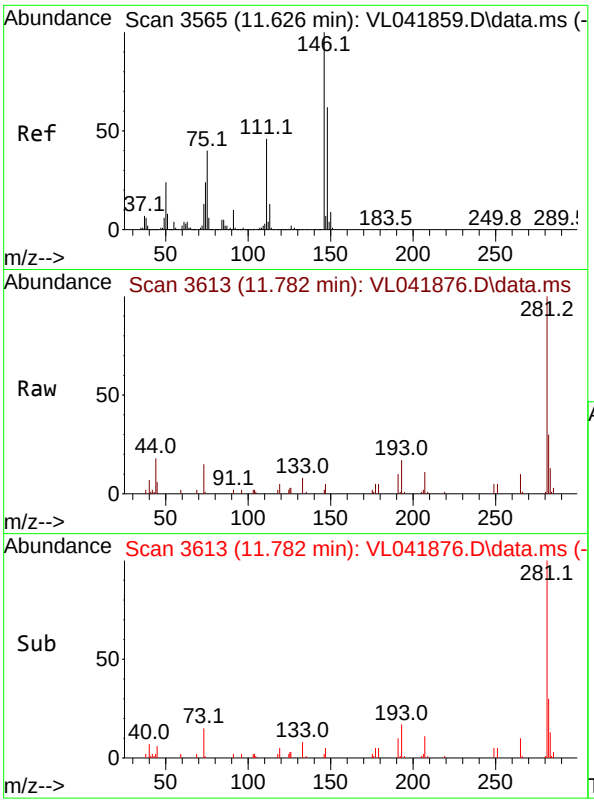


#74
1,2,4-Trimethylbenzene
Concen: 0.001 ppbv
RT: 11.552 min Scan# 3542
Delta R.T. -0.007 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:105 Resp: 50

Ion	Ratio	Lower	Upper
105	100		
120	0.0	41.1	61.7#
91	0.0	50.0	75.0#
77	0.0	18.2	27.4#



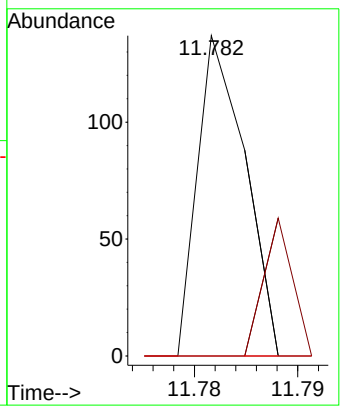


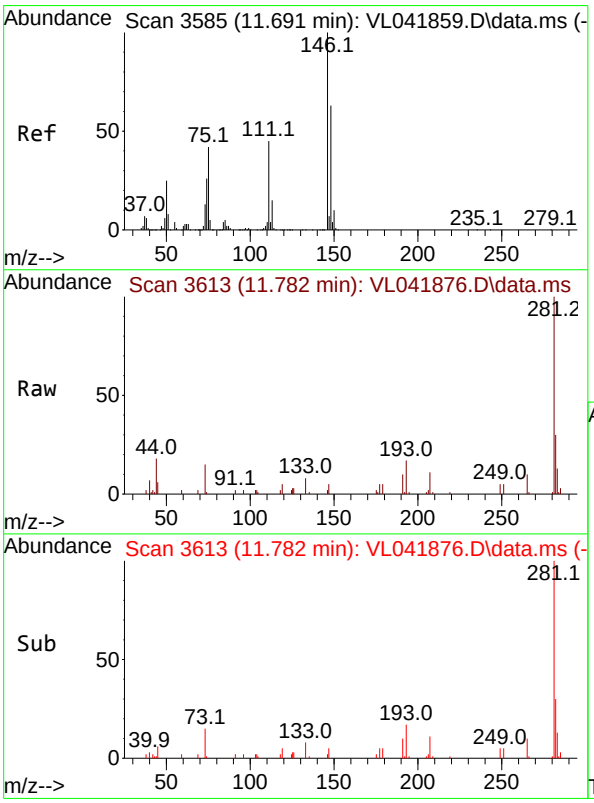
#75
1,3-Dichlorobenzene
Concen: 0.001 ppbv
RT: 11.782 min Scan# 3
Delta R.T. 0.155 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:146 Resp: 44

Ion	Ratio	Lower	Upper
146	100		
111	22.7	23.2	69.5#
148	61.4	31.6	94.7

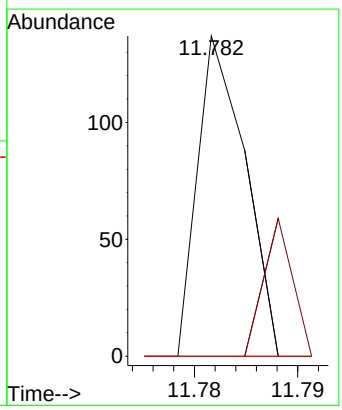


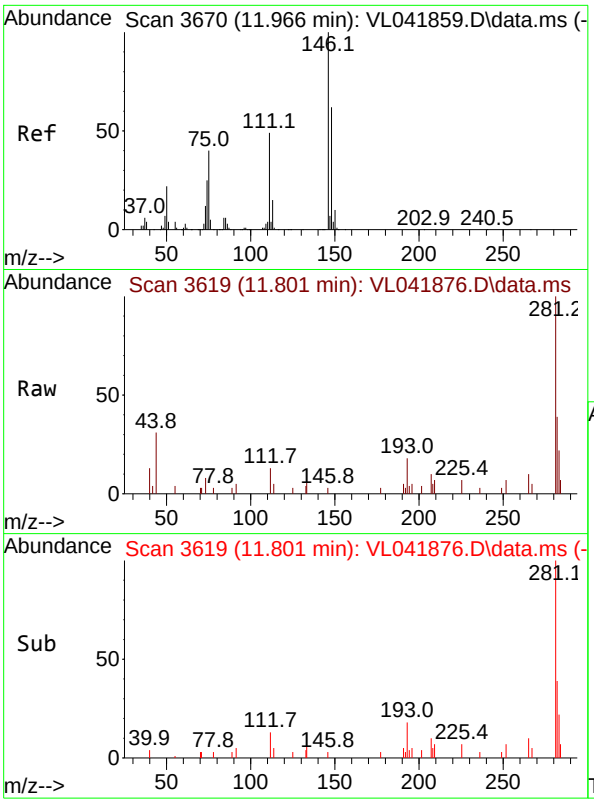


#76
1,4-Dichlorobenzene
Concen: 0.001 ppbv
RT: 11.782 min Scan# 3613
Delta R.T. 0.091 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:146 Resp: 44

Ion	Ratio	Lower	Upper
146	100		
111	47.7	22.1	66.1
148	61.4	31.2	93.6



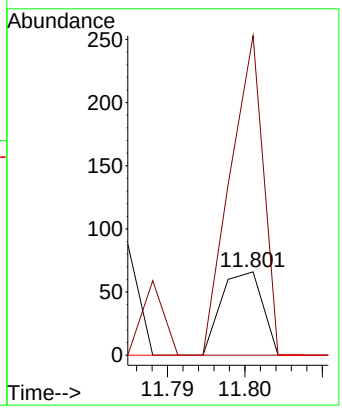


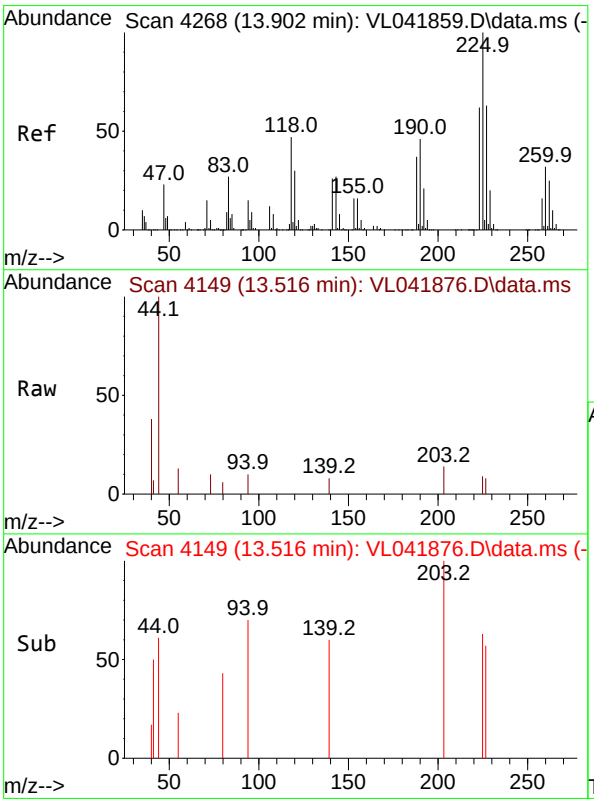
#77
1,2-Dichlorobenzene
Concen: 0.001 ppbv
RT: 11.801 min Scan# 3
Delta R.T. -0.165 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:146 Resp: 24

Ion	Ratio	Lower	Upper
146	100		
111	362.5	24.1	72.3#
148	270.8	31.5	94.5#

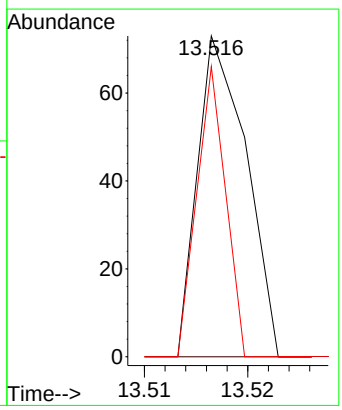


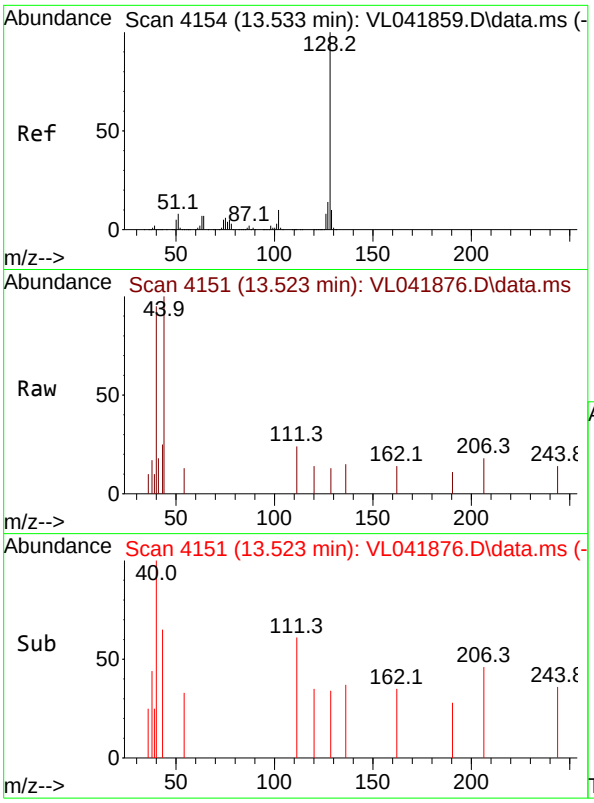


#78
Hexachloro-1,3-Butadiene
Concen: 0.001 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. -0.385 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:225 Resp: 24

Ion	Ratio	Lower	Upper
225	100		
223	0.0	50.6	75.8#
227	0.0	50.9	76.3#



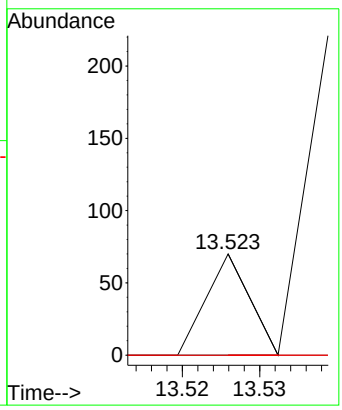


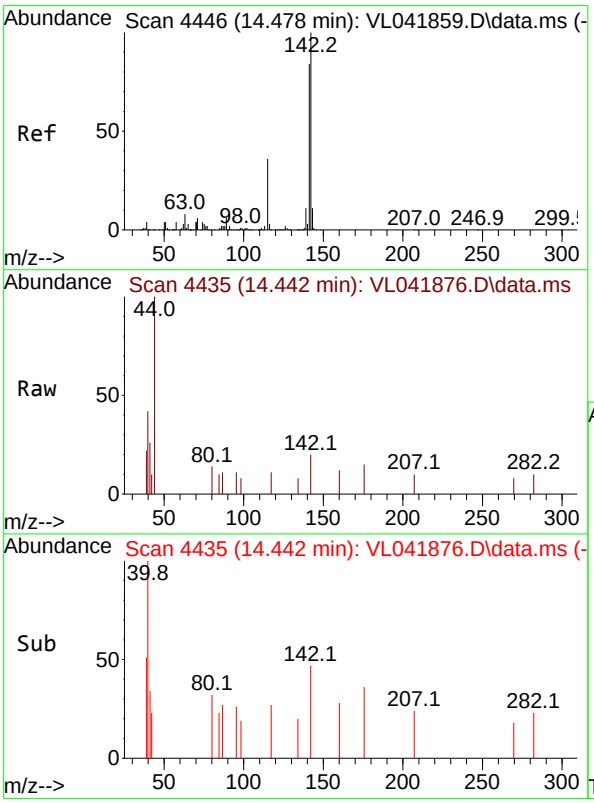
#79
Naphthalene
Concen: 0.000 ppbv
RT: 13.523 min Scan# 4
Delta R.T. -0.010 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:128 Resp: 14

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.2	12.4#

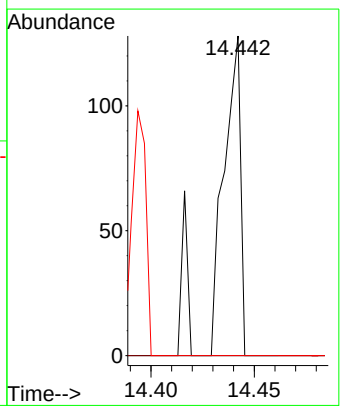


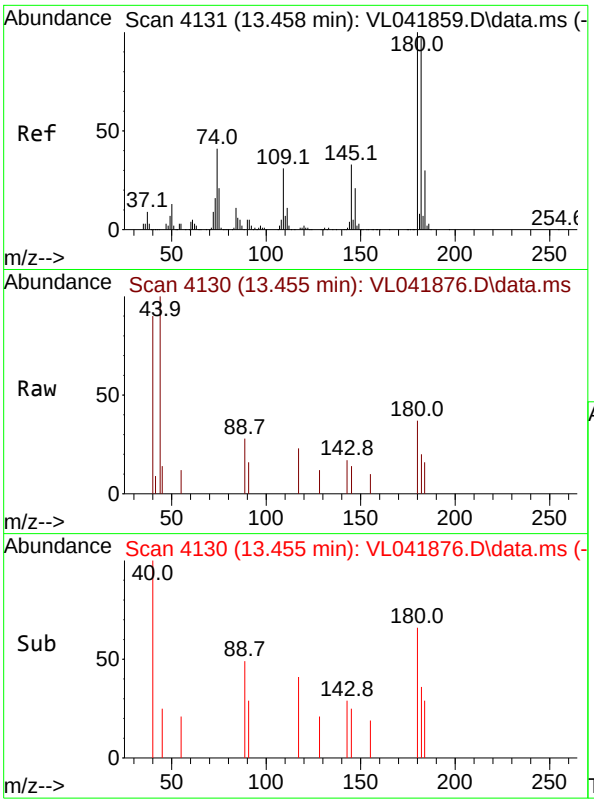


#80
Naphthalene,2-methyl-
Concen: 0.003 ppbv
RT: 14.442 min Scan# 4435
Delta R.T. -0.036 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Tgt Ion:142 Resp: 84

Ion	Ratio	Lower	Upper
142	100		
141	67.9	68.2	102.4#
115	54.8	29.4	44.2#





#81
1,2,4-Trichlorobenzene
Concen: 0.003 ppbv
RT: 13.455 min Scan# 4
Delta R.T. -0.003 min
Lab File: VL041876.D
Acq: 09 Jan 2025 20:46

Instrument :
MSVOA_L
ClientSampleId :
QC010725 CAN 10601

Tgt Ion:180 Resp: 88

Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.8	113.8#
184	47.7	24.1	36.1#