Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
Data File : VL041955.D
Acq On : 27 Jan 2025 16:42
Operator : SY/MD
Sample : QC012125 CAN 10268
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Quant Time: Jan 28 02:39:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.797	49	136545	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	361060	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	313747	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	235713	9.538	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.583	85	47	0.003	ppbv #	44
3) Chlorodifluoromethane	1.570	51	33	0.002	ppbv #	61
4) Chloromethane	1.538	50	51	0.007	ppbv	92
5) Vinyl Chloride	1.900	62	32	0.005	ppbv #	42
6) Bromomethane	1.658	94	32	0.009	ppbv #	6
7) Chloroethane	1.755	64	25	0.009	ppbv #	43
8) Dichlorotetrafluoroethane	1.583	85	47	0.003	ppbv #	54
10) Heptane	4.985	43	22	0.001	ppbv #	1
11) Trichlorofluoromethane	2.107	101	30	0.002	ppbv #	17
12) 1,1,2-Trichlorotrifluo...	2.140	101	23	0.002	ppbv #	15
14) Bromoethene	1.803	108	48	0.009	ppbv #	1
16) 1,3-Butadiene	1.615	39	102	0.014	ppbv #	1
17) tert-Butyl alcohol	1.946	59	46	0.002	ppbv #	50
18) 1,1-Dichloroethene	2.085	96	33	0.005	ppbv #	1
20) Methylene Chloride	2.065	84	1020	0.157	ppbv #	83
21) Allyl Chloride	2.098	41	105	0.009	ppbv #	21
22) trans-1,2-Dichloroethene	2.379	96	66	0.009	ppbv #	1
23) Vinyl Acetate	2.467	43	145	0.018	ppbv #	1
24) 1,1-Dichloroethane	2.256	63	55	0.004	ppbv #	87
25) Ethyl Acetate	2.845	43	19	0.000	ppbv #	74
26) Hexane	2.418	57	29	0.002	ppbv #	1
27) Carbon Disulfide	2.156	76	36	0.002	ppbv #	1
28) Methyl tert-Butyl Ether	2.302	73	23	0.002	ppbv #	1
29) Chloroform	3.120	83	30	0.001	ppbv #	19
31) cis-1,2-Dichloroethene	2.460	61	30	0.002	ppbv #	26
32) 1,1,1-Trichloroethane	3.412	97	30	0.001	ppbv #	52
34) 2-Butanone	2.570	43	133	0.006	ppbv #	52
36) Benzene	3.674	78	86	0.003	ppbv #	55
40) 1,4-Dioxane	4.661	88	36	0.006	ppbv #	90
41) Tetrahydrofuran	3.072	42	57	0.005	ppbv #	36
42) Bromodichloromethane	4.499	83	53	0.002	ppbv #	24
43) Methyl Methacrylate	4.441	69	22	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	4.480	57	21	0.000	ppbv #	1
46) cis-1,3-Dichloropropene	5.713	75	41	0.003	ppbv #	25
47) 1,1,2-Trichloroethane	6.535	97	31	0.003	ppbv #	16
49) Bromoform	9.312	173	34	0.002	ppbv #	27
50) 4-Methyl-2-Pentanone	5.910	43	33	0.001	ppbv	95
51) 2-Hexanone	7.522	43	34	0.001	ppbv #	27
52) Tetrachloroethene	8.108	164	47	0.004	ppbv #	1
53) Toluene	6.635	91	22	0.001	ppbv #	21
54) 1,2-Dibromoethane	7.283	107	29	0.002	ppbv #	2
57) Chlorobenzene	8.937	112	32	0.001	ppbv #	51
58) Ethyl Benzene	8.969	91	31	0.001	ppbv #	46

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
Data File : VL041955.D
Acq On : 27 Jan 2025 16:42
Operator : SY/MD
Sample : QC012125 CAN 10268
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Quant Time: Jan 28 02:39:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

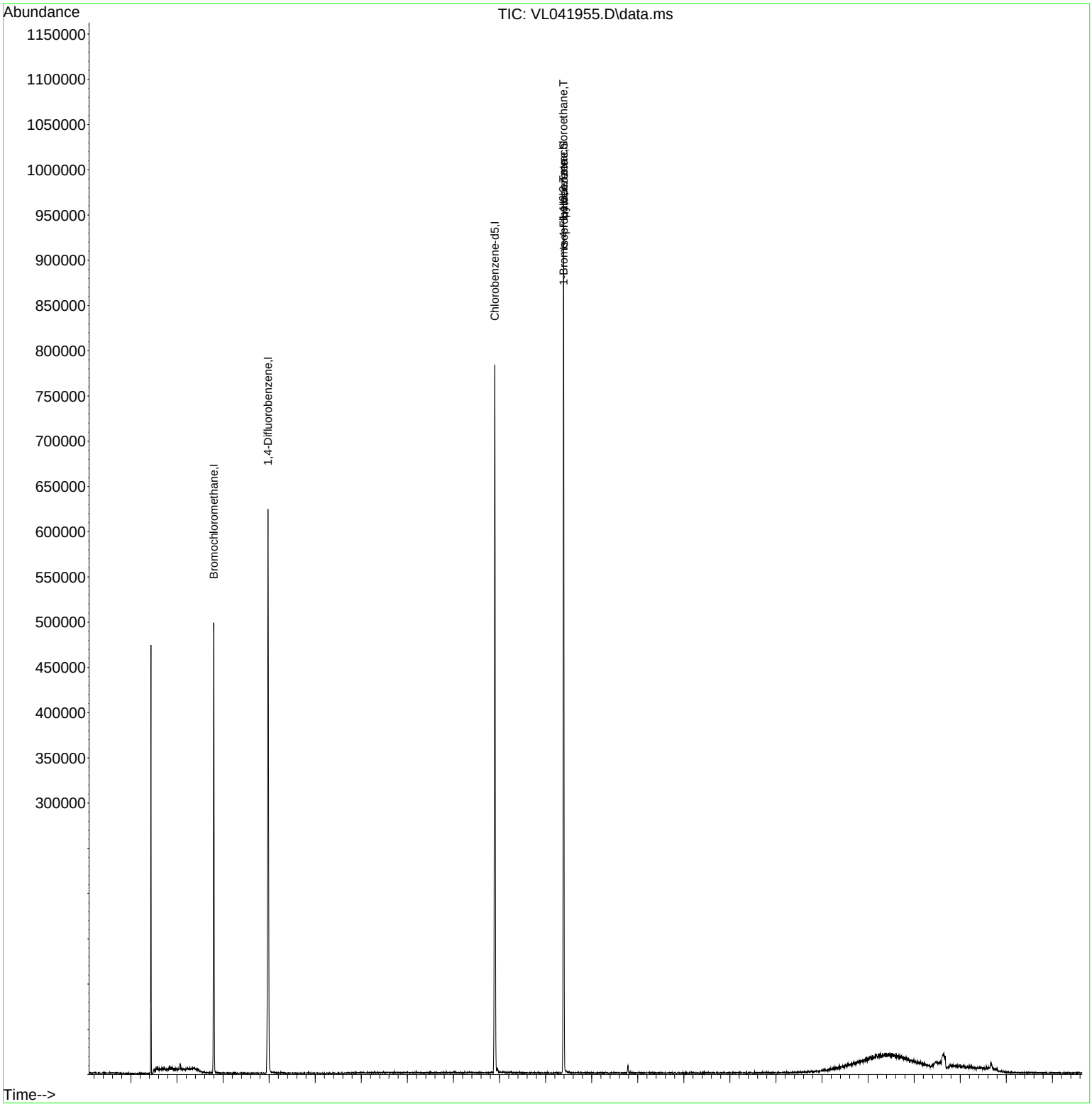
	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
59)	m/p-Xylene	9.791	91	23	0.001	ppbv #	31
60)	o-Xylene	10.015	91	32	0.001	ppbv #	33
62)	Isopropylbenzene	10.393	105	189	0.003	ppbv #	50
63)	1,1,2,2-Tetrachloroethane	10.387	83	84	0.003	ppbv #	36
64)	n-propylbenzene	11.212	120	99	0.006	ppbv #	1
65)	tert-Butylbenzene	11.678	119	56	0.001	ppbv #	18
66)	Benzyl Chloride	11.575	91	24	0.007	ppbv #	1
67)	sec-Butylbenzene	11.778	105	22	0.000	ppbv #	1
69)	p-Isopropyltoluene	11.785	119	77	0.001	ppbv #	60
70)	n-Butylbenzene	12.332	91	42	0.001	ppbv #	67
71)	2-Chlorotoluene	10.765	91	44	0.001	ppbv #	1
72)	4-Ethyltoluene	11.212	105	57	0.001	ppbv #	1
73)	1,3,5-Trimethylbenzene	11.212	105	57	0.001	ppbv #	1
74)	1,2,4-Trimethylbenzene	11.549	105	27	0.001	ppbv #	55
78)	Hexachloro-1,3-Butadiene	13.898	225	41	0.002	ppbv #	53
79)	Naphthalene	13.455	128	42	0.001	ppbv #	69
81)	1,2,4-Trichlorobenzene	13.455	180	70	0.003	ppbv #	55

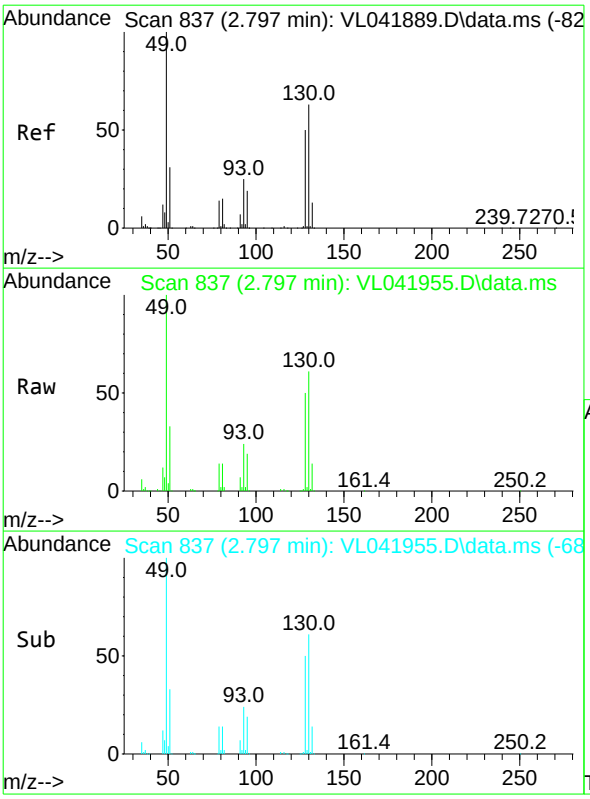
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012725\
Data File : VL041955.D
Acq On : 27 Jan 2025 16:42
Operator : SY/MD
Sample : QC012125 CAN 10268
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Quant Time: Jan 28 02:39:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration



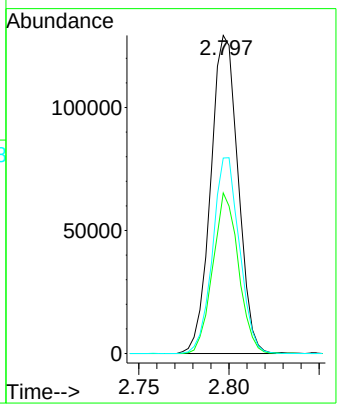


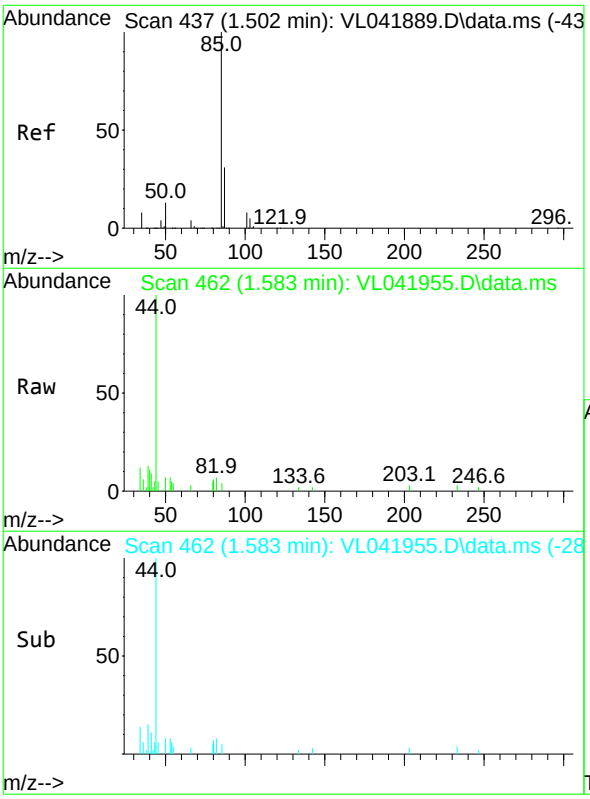
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 83
Delta R.T. -0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 49 Resp: 136545

Ion	Ratio	Lower	Upper
49	100		
128	47.2	24.3	73.0
130	60.3	31.1	93.2

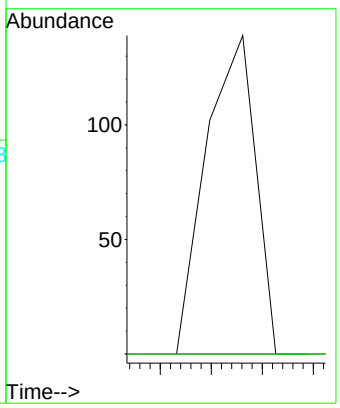


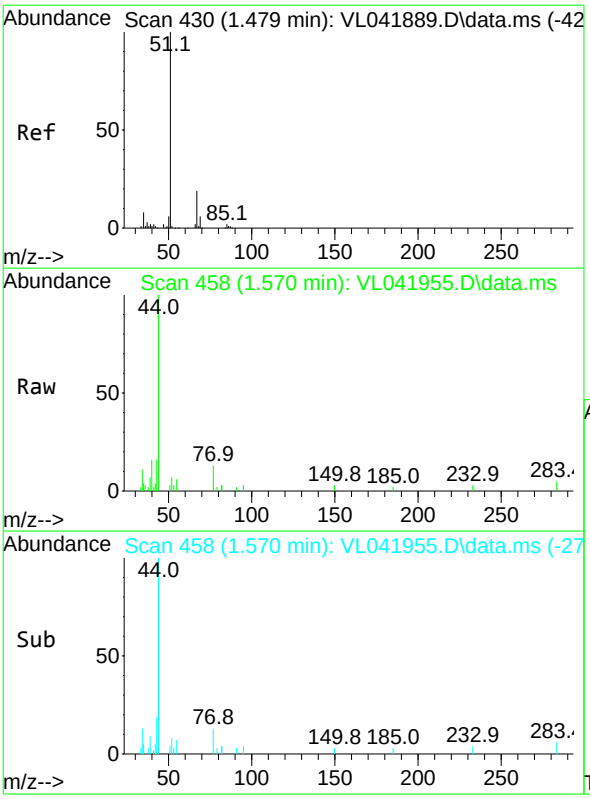


#2
Dichlorodifluoromethane
Concen: 0.003 ppbv
RT: 1.583 min Scan# 462
Delta R.T. 0.081 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 85 Resp: 47

Ion	Ratio	Lower	Upper
85	100		
87	0.0	24.9	37.3#



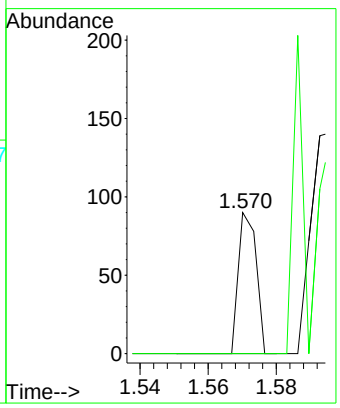


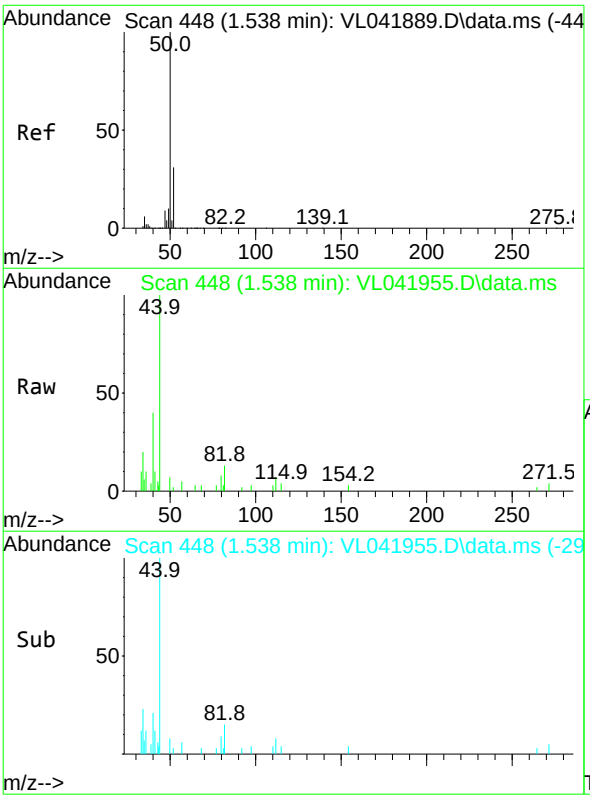
#3
Chlorodifluoromethane
Concen: 0.002 ppbv
RT: 1.570 min Scan# 45
Delta R.T. 0.091 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 51 Resp: 33

Ion	Ratio	Lower	Upper
51	100		
67	36.4	15.0	22.4#

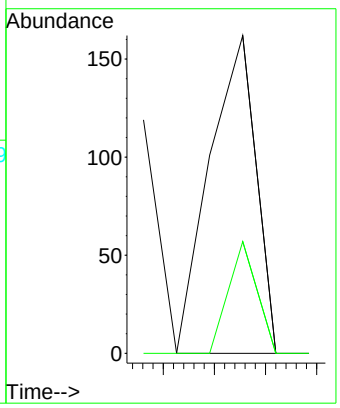


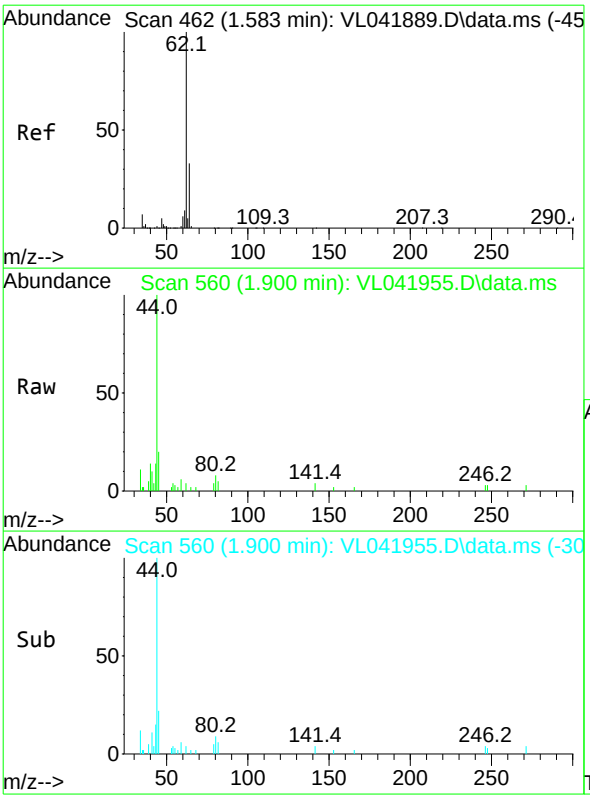


#4
Chloromethane
Concen: 0.007 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 50 Resp: 51

Ion	Ratio	Lower	Upper
50	100		
52	35.2	24.6	36.8



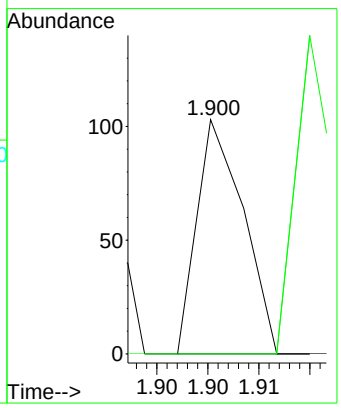


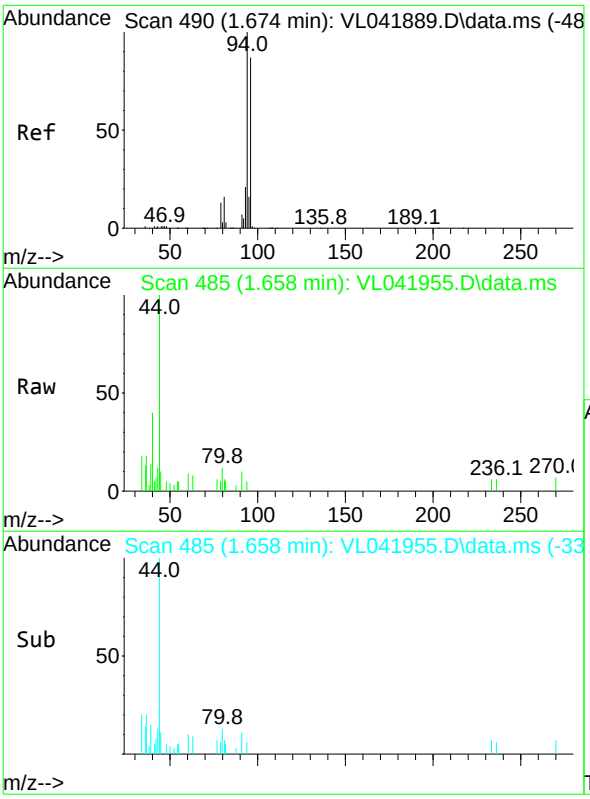
#5
Vinyl Chloride
Concen: 0.005 ppbv
RT: 1.900 min Scan# 56
Delta R.T. 0.317 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 62 Resp: 32

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.1	39.1#

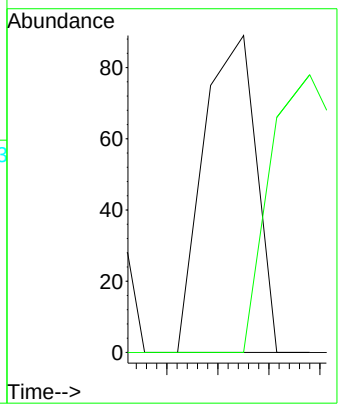


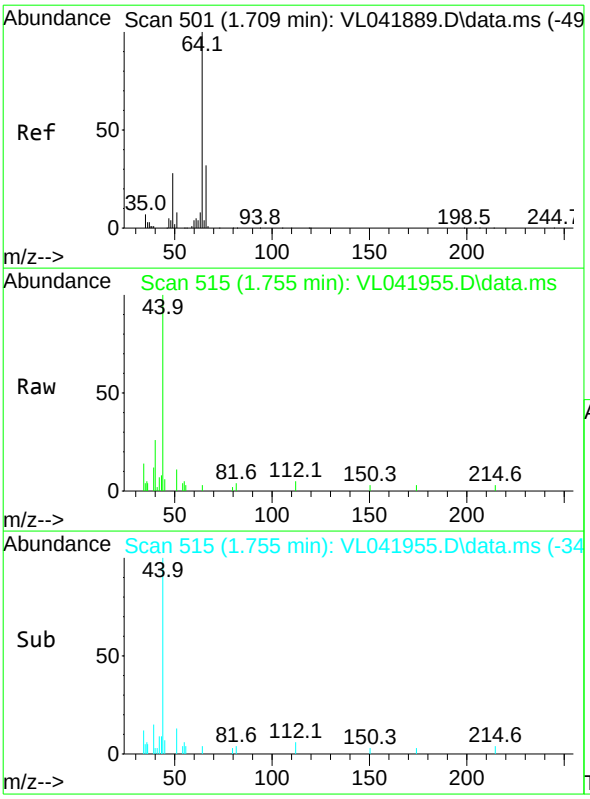


#6
Bromomethane
Concen: 0.009 ppbv
RT: 1.658 min Scan# 485
Delta R.T. -0.016 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 94 Resp: 32

Ion	Ratio	Lower	Upper
94	100		
96	0.0	69.5	104.3#



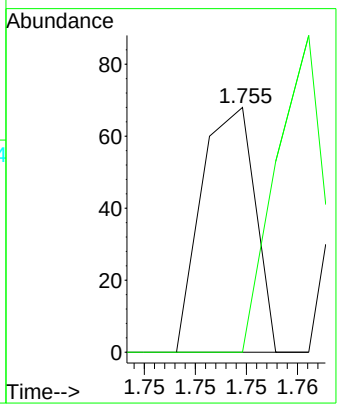


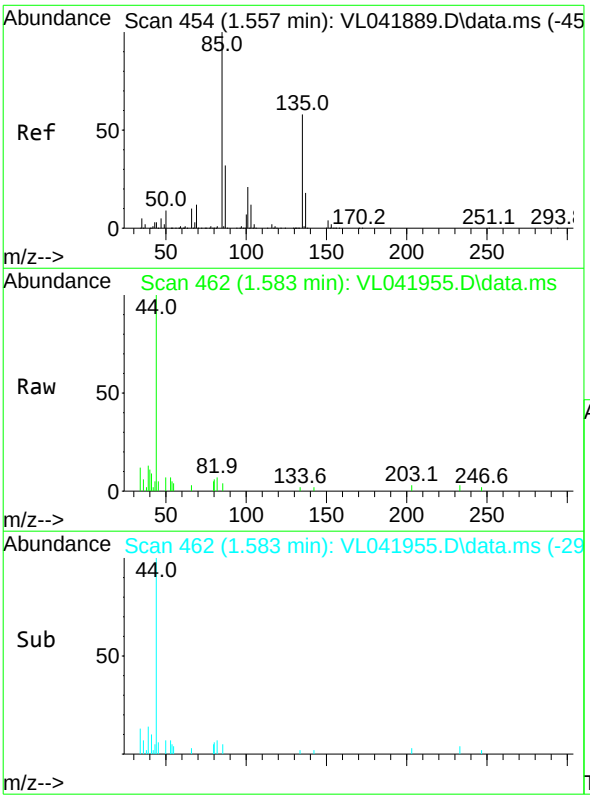
#7
Chloroethane
Concen: 0.009 ppbv
RT: 1.755 min Scan# 51
Delta R.T. 0.045 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 64 Resp: 25

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.7	38.5#

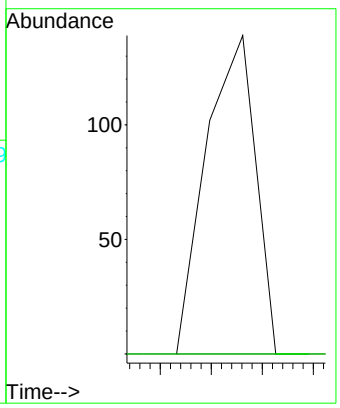


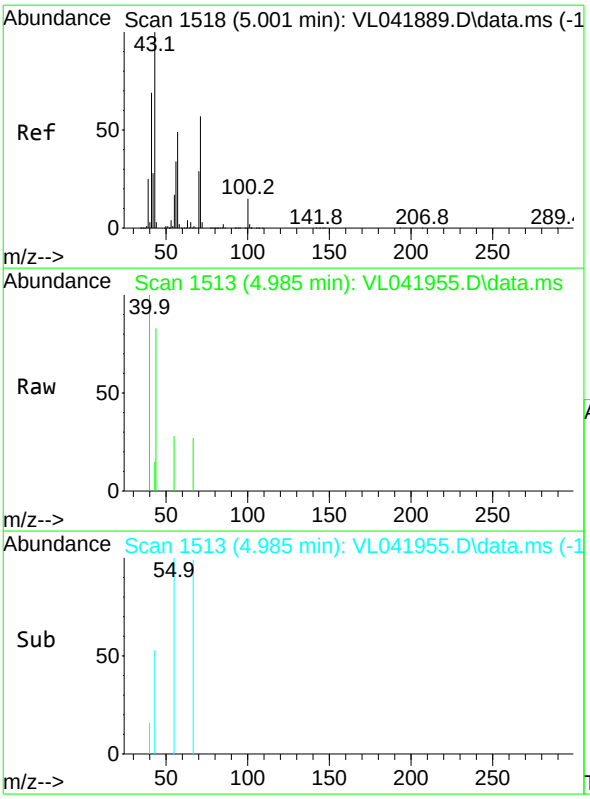


#8
Dichlorotetrafluoroethane
Concen: 0.003 ppbv
RT: 1.583 min Scan# 462
Delta R.T. 0.026 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 85 Resp: 47

Ion	Ratio	Lower	Upper
85	100		
135	97.9	50.0	75.0#



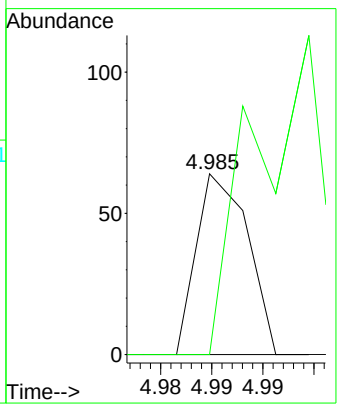


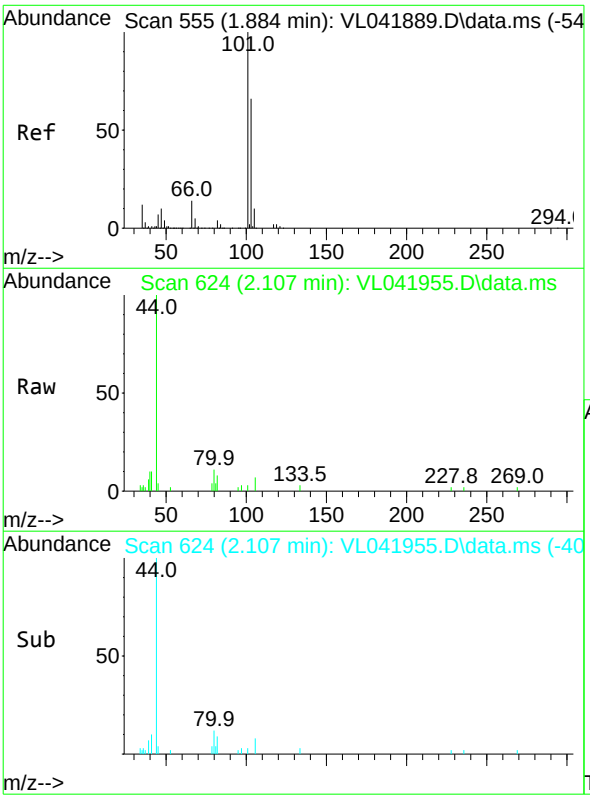
#10
Heptane
Concen: 0.001 ppbv
RT: 4.985 min Scan# 15
Delta R.T. -0.016 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 43 Resp: 22

Ion	Ratio	Lower	Upper
43	100		
57	227.3	41.0	61.4#

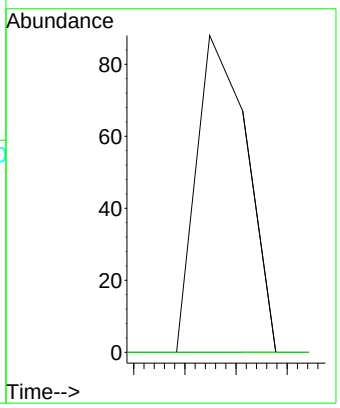


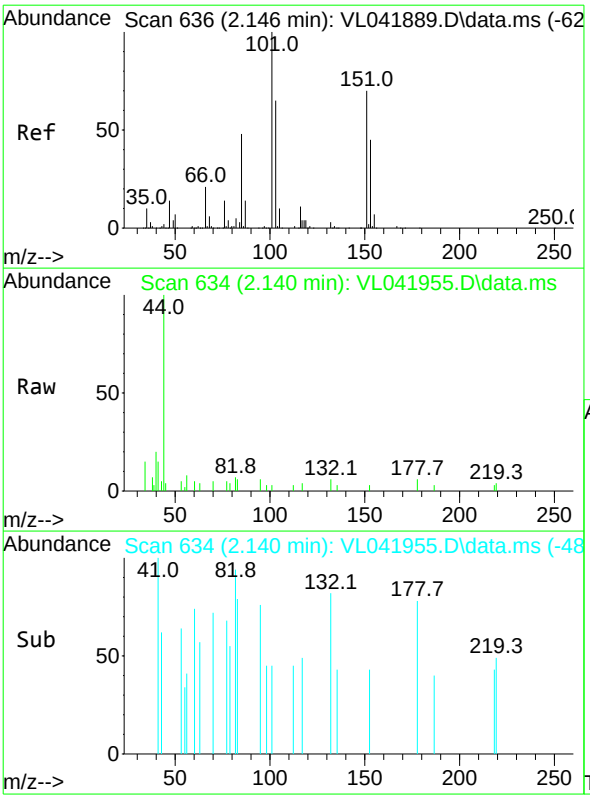


#11
Trichlorofluoromethane
Concen: 0.002 ppbv
RT: 2.107 min Scan# 624
Delta R.T. 0.224 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion:101 Resp: 30

Ion	Ratio	Lower	Upper
101	100		
103	0.0	53.1	79.7#



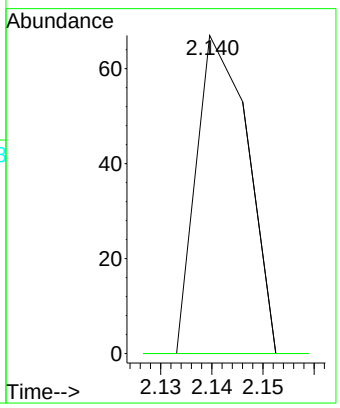


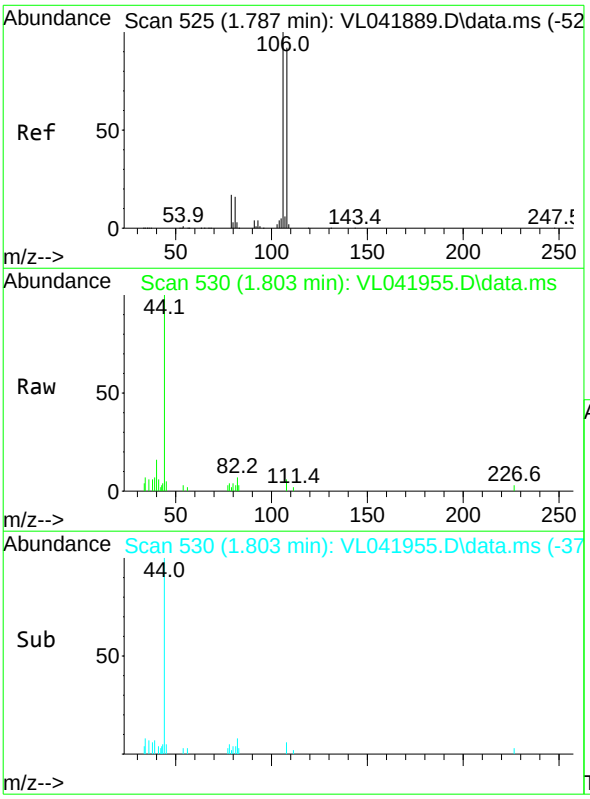
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.002 ppbv
RT: 2.140 min Scan# 63
Delta R.T. -0.006 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion:101 Resp: 23

Ion	Ratio	Lower	Upper
101	100		
151	0.0	56.1	84.1#

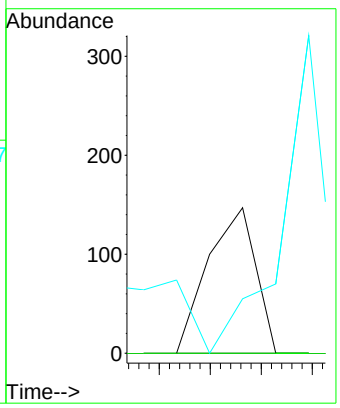


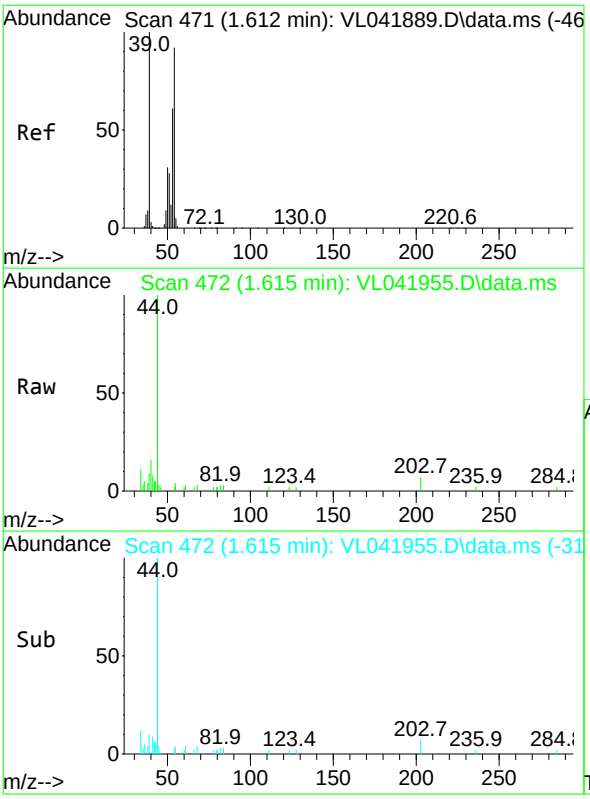


#14
Bromoethene
Concen: 0.009 ppbv
RT: 1.803 min Scan# 530
Delta R.T. 0.016 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion:108 Resp: 48

Ion	Ratio	Lower	Upper
108	100		
106	27.1	85.5	128.3#
79	835.4	15.3	22.9#



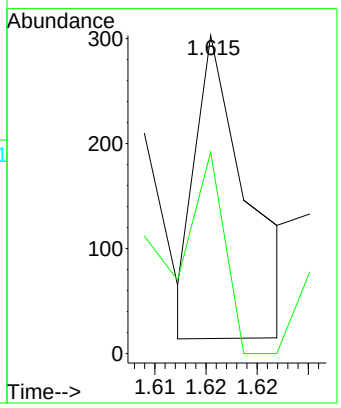


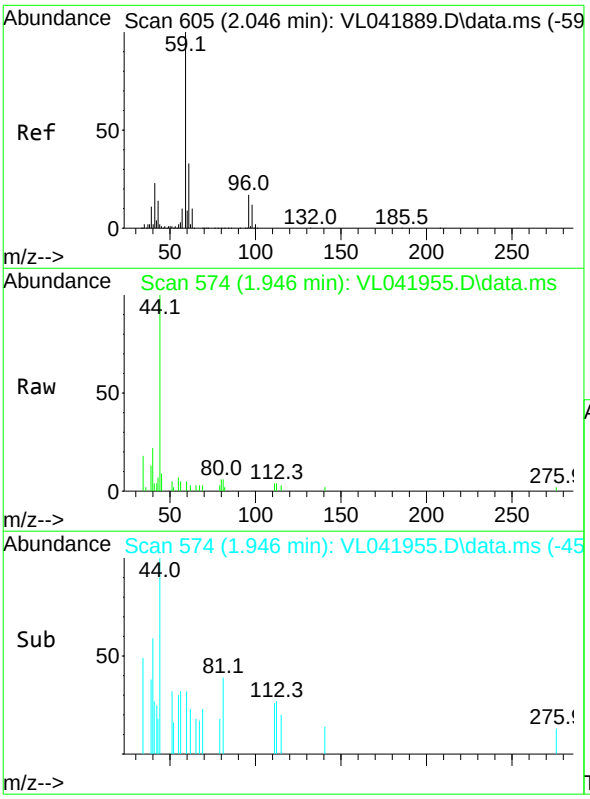
#16
1,3-Butadiene
Concen: 0.014 ppbv
RT: 1.615 min Scan# 47
Delta R.T. 0.003 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 39 Resp: 102

Ion	Ratio	Lower	Upper
39	100		
54	229.4	61.6	92.4#

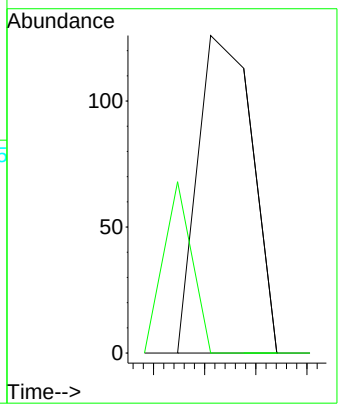


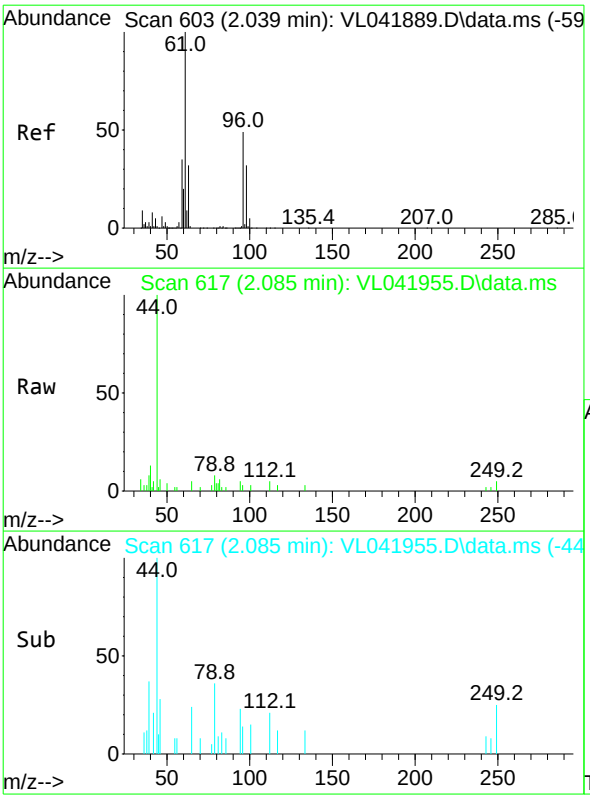


#17
tert-Butyl alcohol
Concen: 0.002 ppbv
RT: 1.946 min Scan# 574
Delta R.T. -0.100 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 59 Resp: 46

Ion	Ratio	Lower	Upper
59	100		
57	28.3	7.8	11.8#



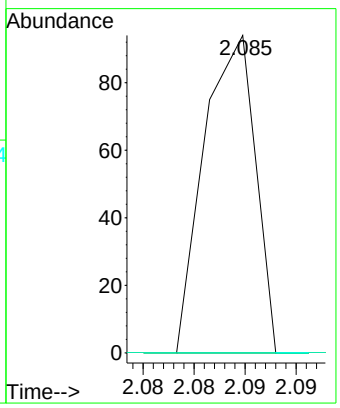


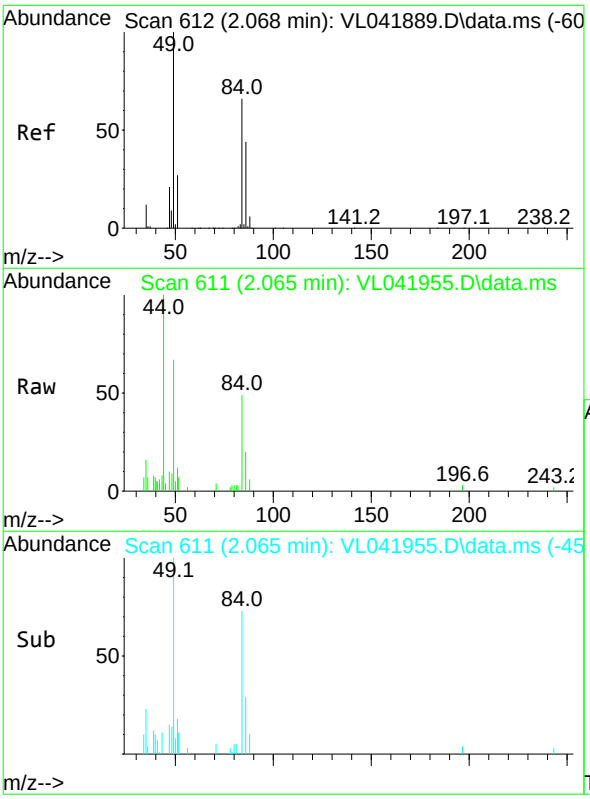
#18
1,1-Dichloroethene
Concen: 0.005 ppbv
RT: 2.085 min Scan# 61
Delta R.T. 0.046 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 96 Resp: 33

Ion	Ratio	Lower	Upper
96	100		
61	0.0	163.1	244.7#
98	0.0	52.7	79.1#

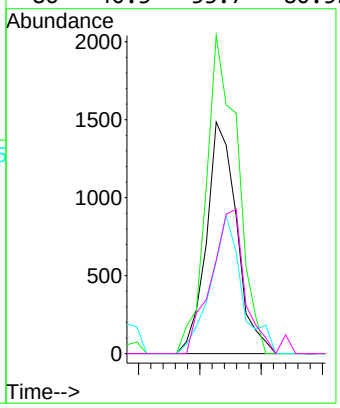


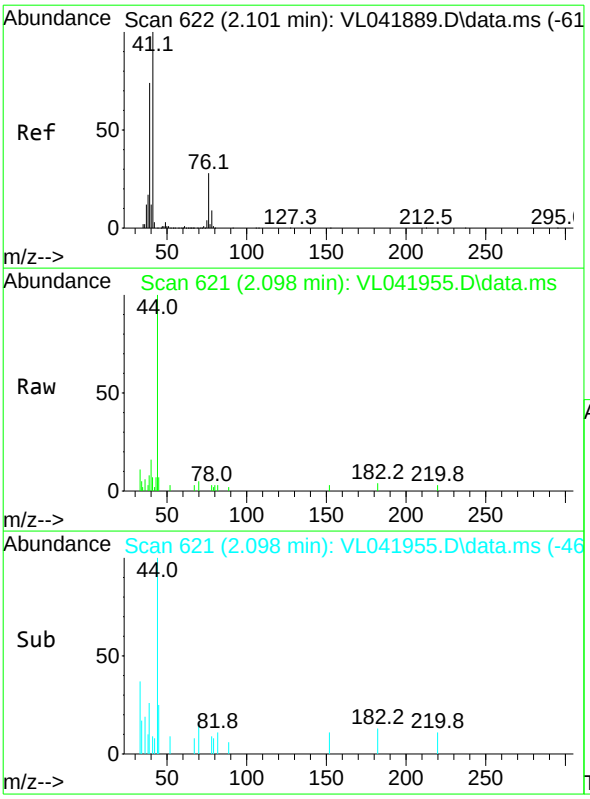


#20
Methylene Chloride
Concen: 0.157 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 84 Resp: 1020

Ion	Ratio	Lower	Upper
84	100		
49	137.4	123.1	184.7
51	39.6	35.8	53.8
86	40.3	53.7	80.5#



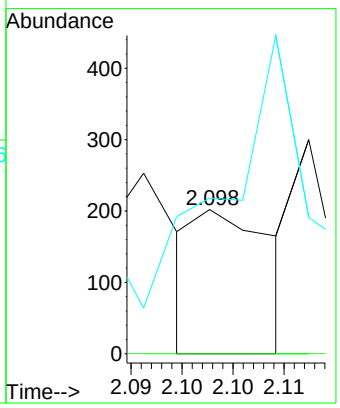


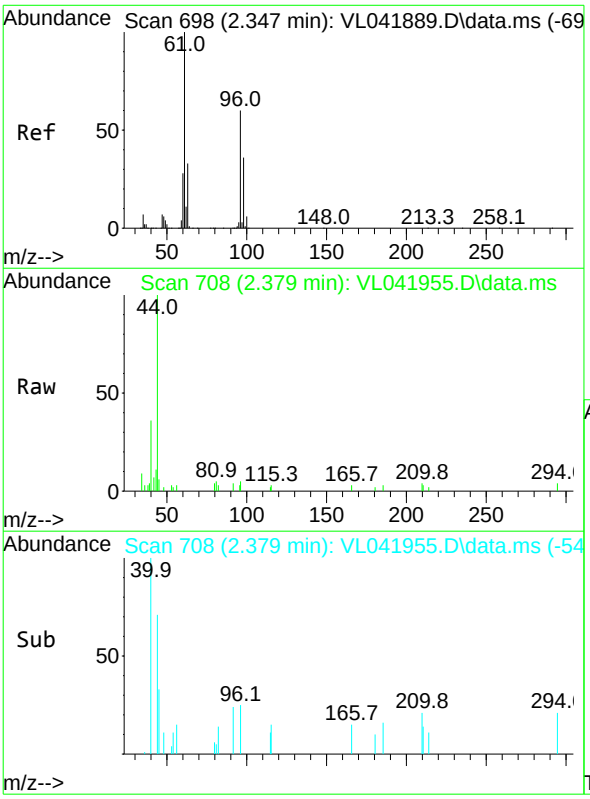
#21
Allyl Chloride
Concen: 0.009 ppbv
RT: 2.098 min Scan# 62
Delta R.T. -0.003 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 41 Resp: 105

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.4#
39	0.0	60.6	91.0#

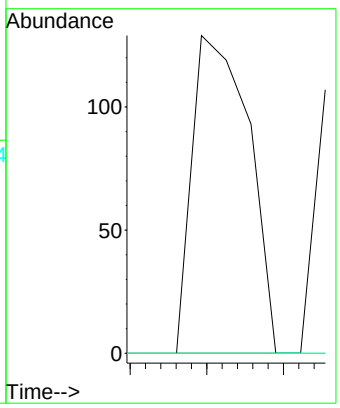


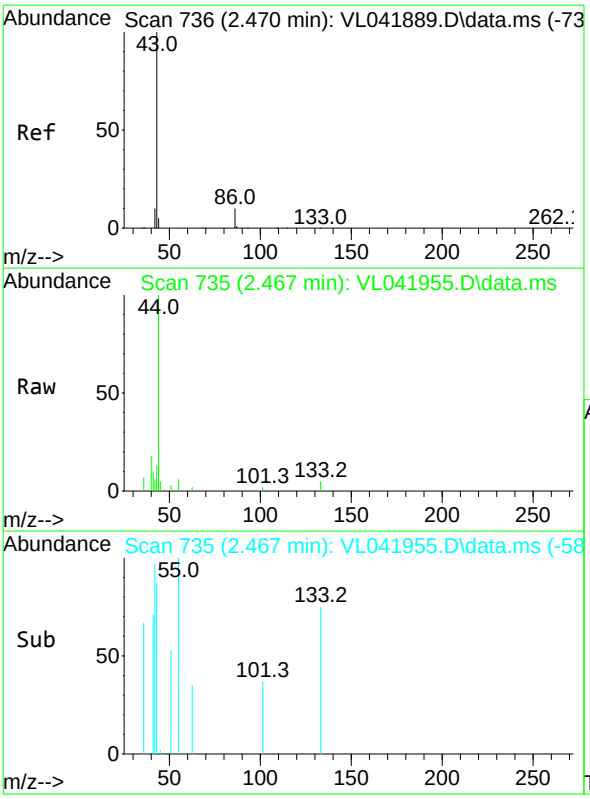


#22
trans-1,2-Dichloroethene
Concen: 0.009 ppbv
RT: 2.379 min Scan# 708
Delta R.T. 0.033 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 96 Resp: 66

Ion	Ratio	Lower	Upper
96	100		
61	0.0	134.5	201.7#
98	0.0	48.9	73.3#



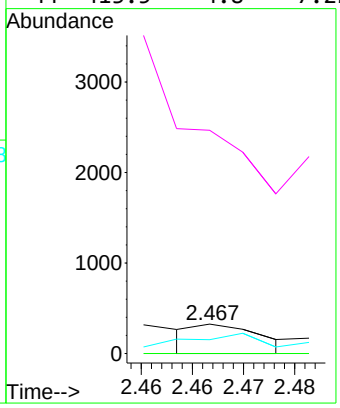


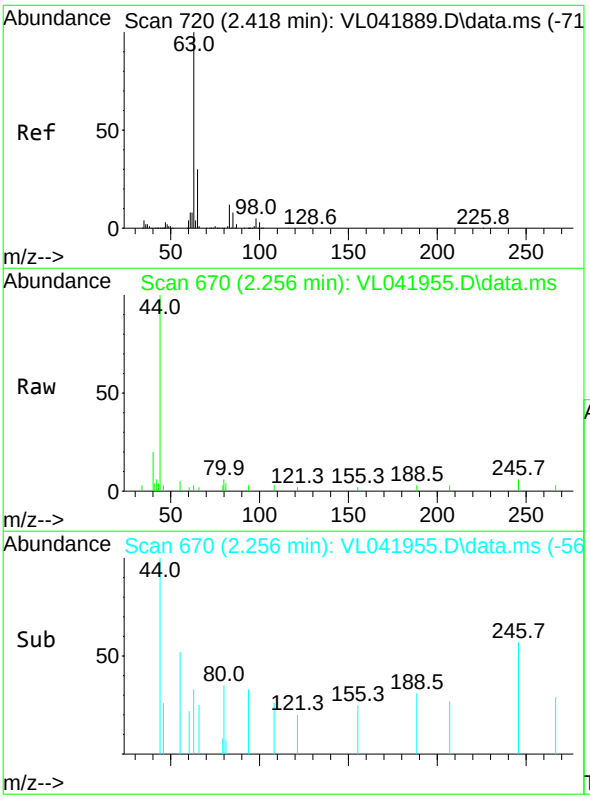
#23
Vinyl Acetate
Concen: 0.018 ppbv
RT: 2.467 min Scan# 73
Delta R.T. -0.003 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 43 Resp: 145

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#
42	47.6	8.5	12.7#
44	413.5	4.8	7.2#

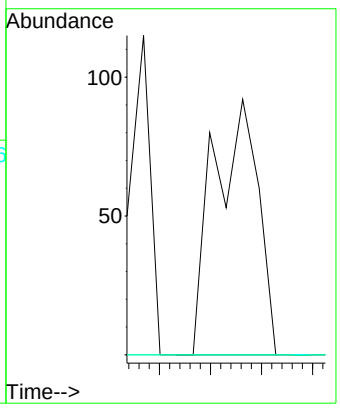


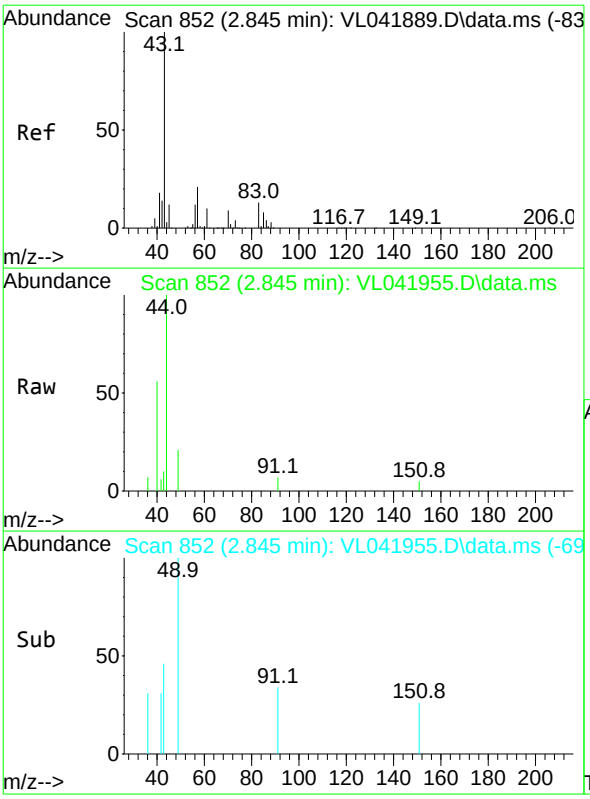


#24
1,1-Dichloroethane
Concen: 0.004 ppbv
RT: 2.256 min Scan# 670
Delta R.T. -0.162 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 63 Resp: 55

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.6	7.8#
100	0.0	1.4	4.2#



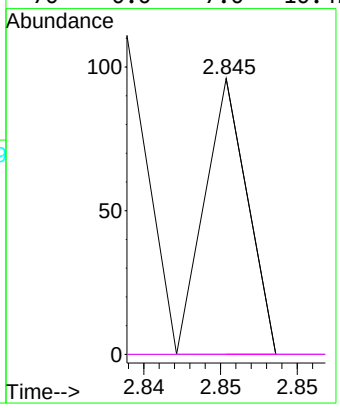


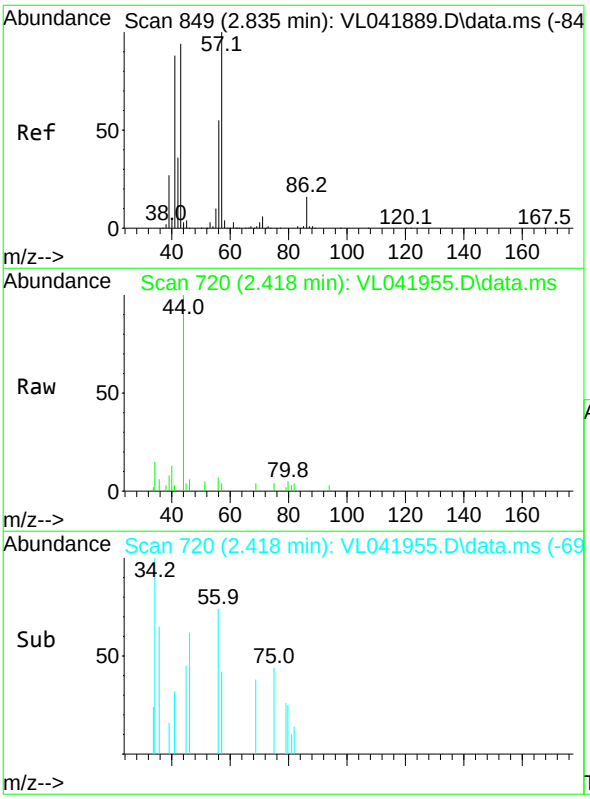
#25
Ethyl Acetate
Concen: 0.000 ppbv
RT: 2.845 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 43 Resp: 19

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.2#
61	0.0	7.4	11.0#
70	0.0	7.0	10.4#

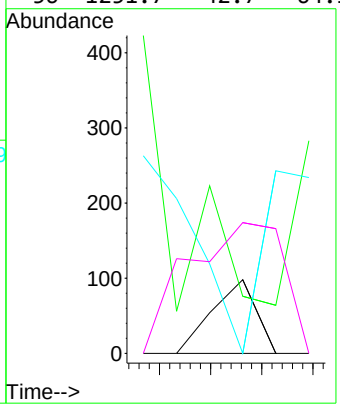


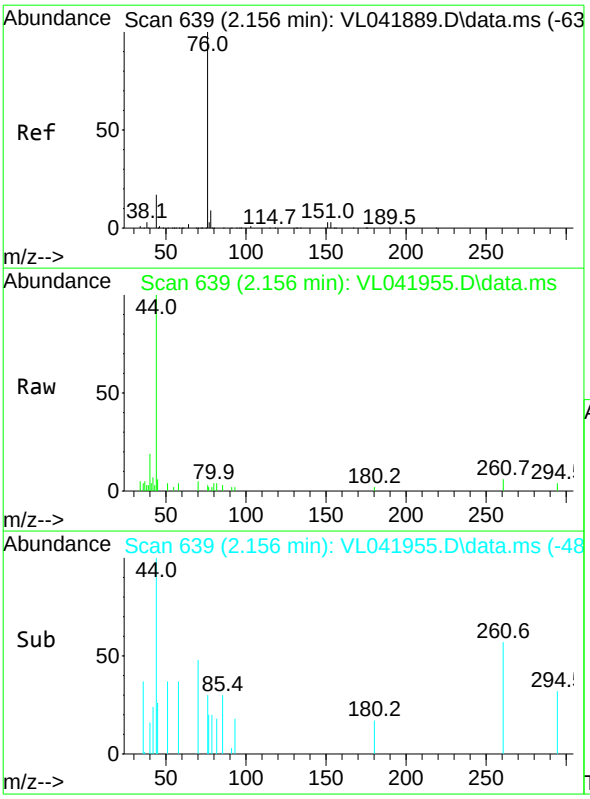


#26
Hexane
Concen: 0.002 ppbv
RT: 2.418 min Scan# 720
Delta R.T. -0.417 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 57 Resp: 29

Ion	Ratio	Lower	Upper
57	100		
41	1782.8	73.8	110.8#
43	1327.6	197.3	295.9#
56	1251.7	42.7	64.1#



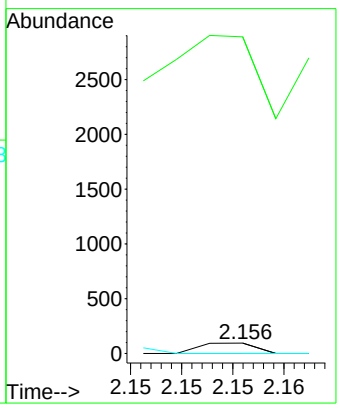


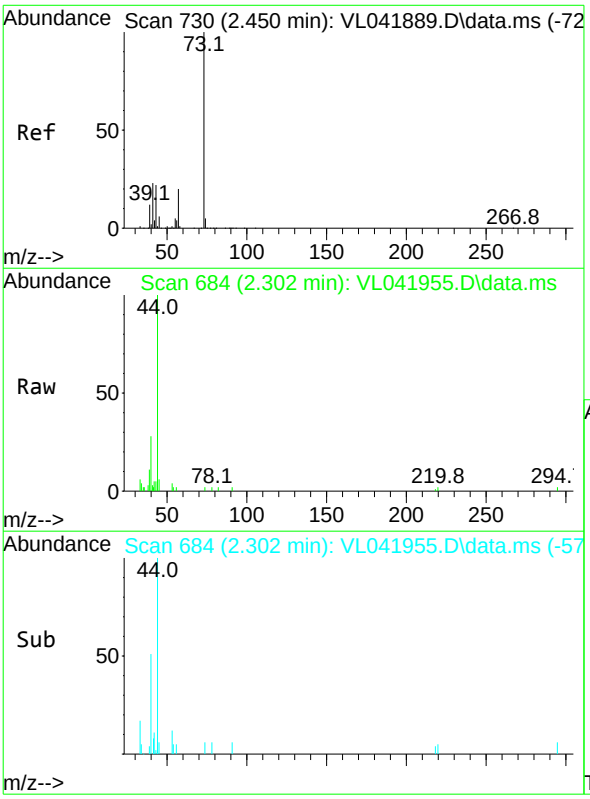
#27
Carbon Disulfide
Concen: 0.002 ppbv
RT: 2.156 min Scan# 63
Delta R.T. 0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 76 Resp: 36

Ion	Ratio	Lower	Upper
76	100		
44	24477.8	15.4	23.0#
78	347.2	9.3	13.9#

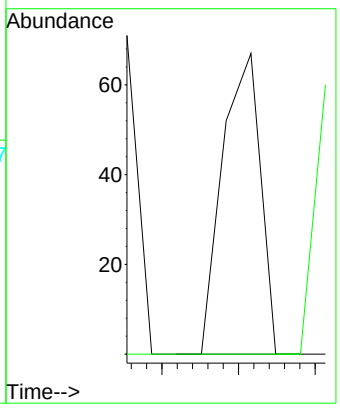


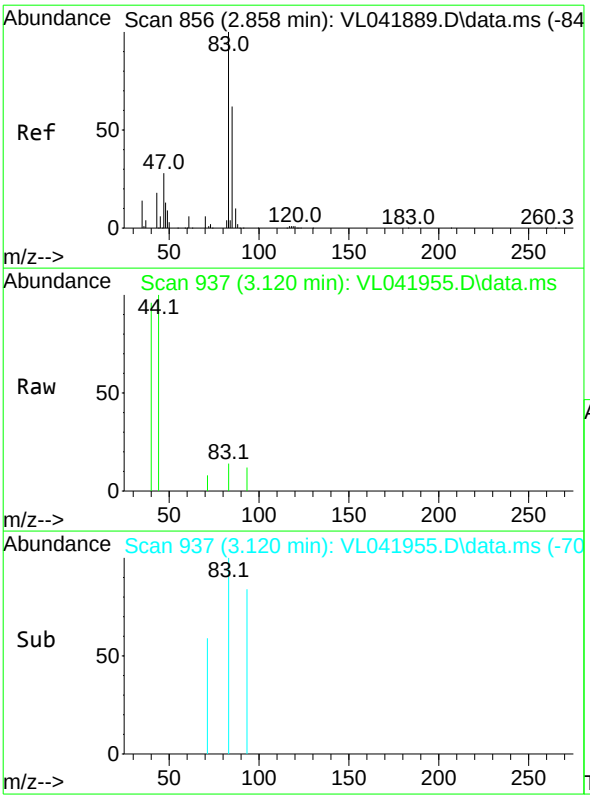


#28
Methyl tert-Butyl Ether
Concen: 0.002 ppbv
RT: 2.302 min Scan# 684
Delta R.T. -0.149 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 73 Resp: 23

Ion	Ratio	Lower	Upper
73	100		
57	143.5	18.1	27.1#



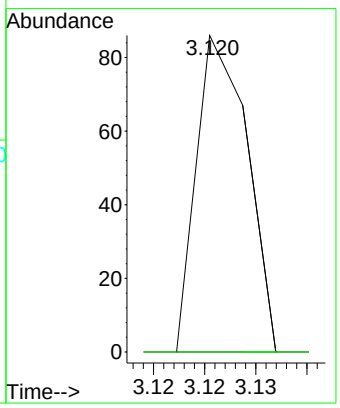


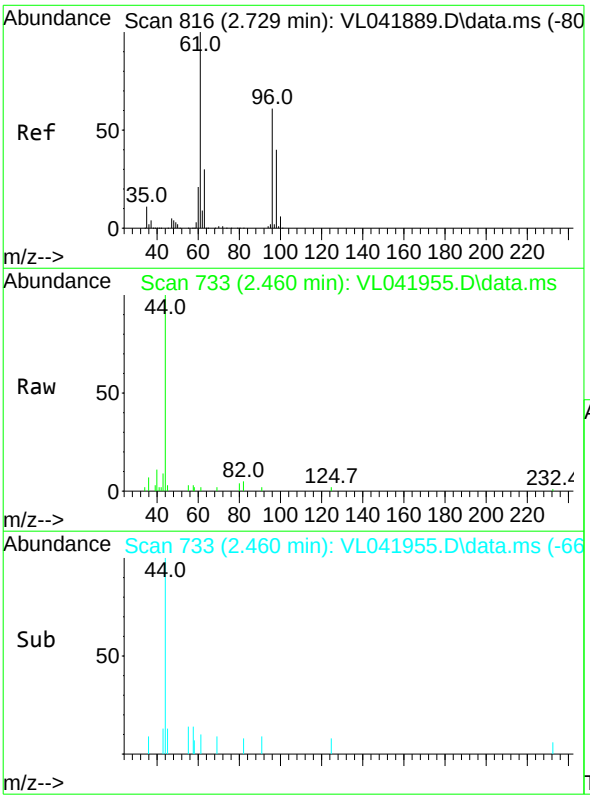
#29
Chloroform
Concen: 0.001 ppbv
RT: 3.120 min Scan# 93
Delta R.T. 0.262 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 83 Resp: 30

Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.1	75.1#

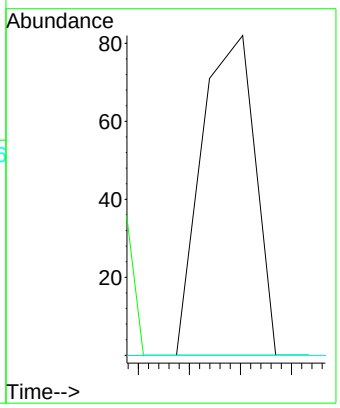


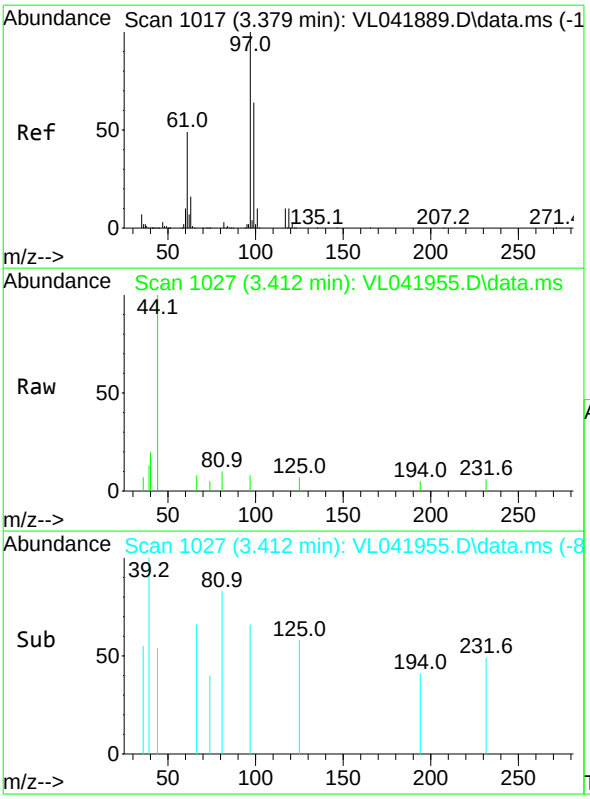


#31
cis-1,2-Dichloroethene
Concen: 0.002 ppbv
RT: 2.460 min Scan# 733
Delta R.T. -0.268 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 61 Resp: 30

Ion	Ratio	Lower	Upper
61	100		
96	0.0	48.7	73.1#
98	0.0	31.6	47.4#



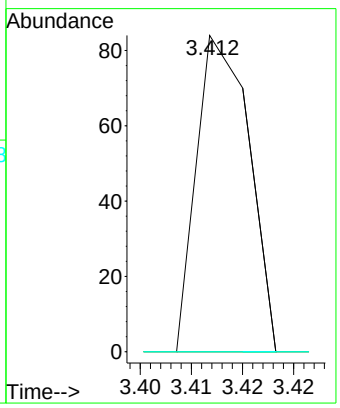


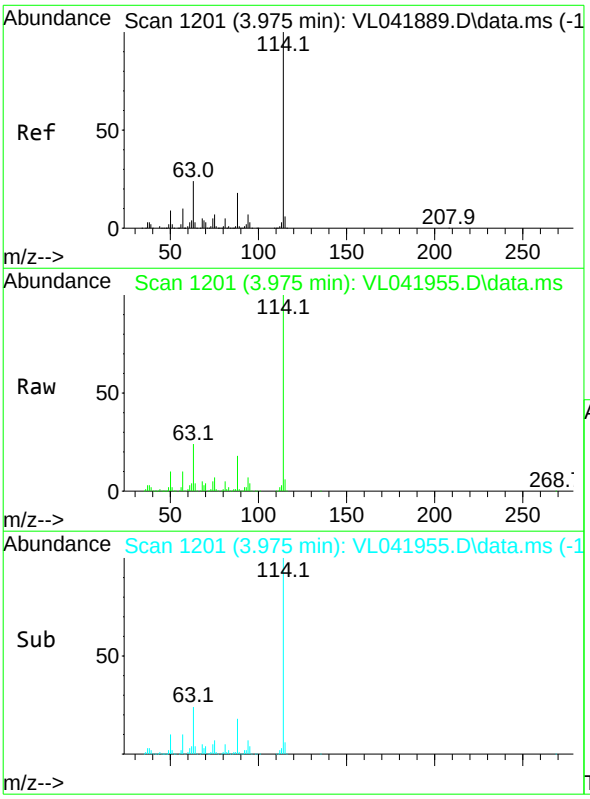
#32
1,1,1-Trichloroethane
Concen: 0.001 ppbv
RT: 3.412 min Scan# 10
Delta R.T. 0.033 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 97 Resp: 30

Ion	Ratio	Lower	Upper
97	100		
99	40.0	51.1	76.7#
61	0.0	39.0	58.6#

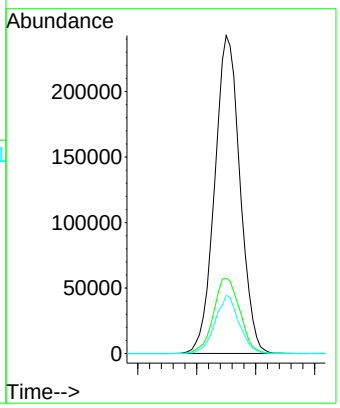


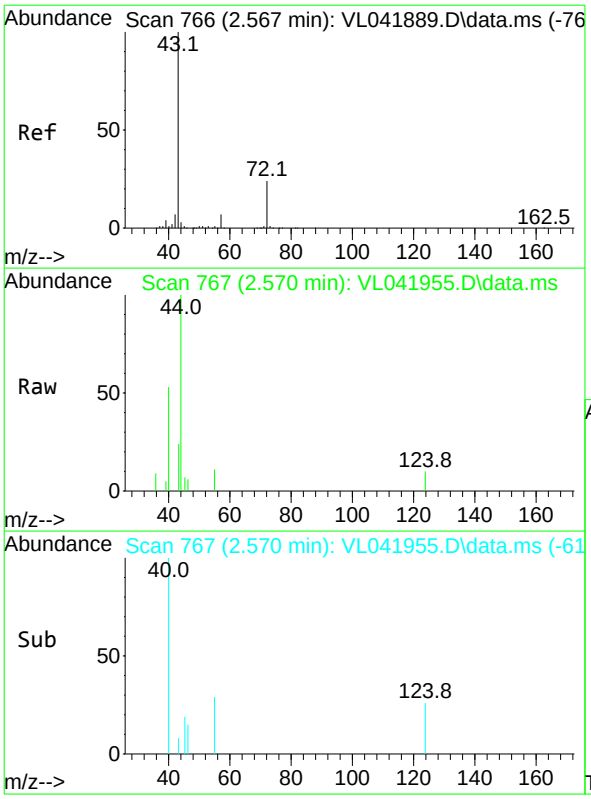


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. 0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion:114 Resp: 361060

Ion	Ratio	Lower	Upper
114	100		
63	24.8	19.8	29.6
88	17.4	14.4	21.6



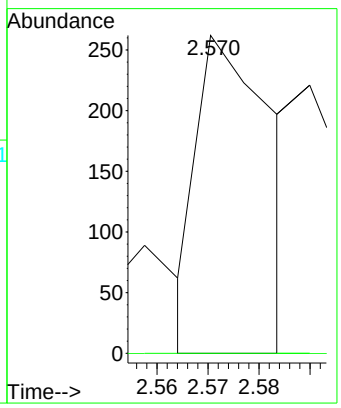


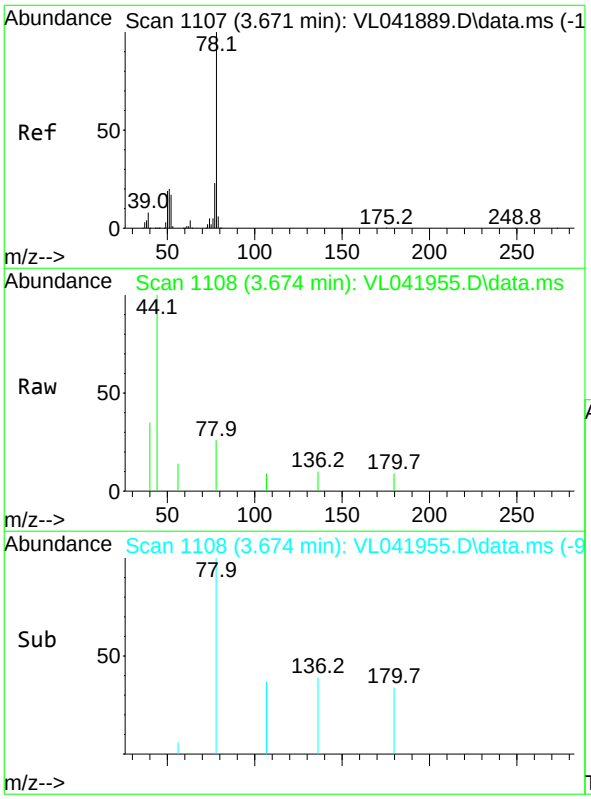
#34
2-Butanone
Concen: 0.006 ppbv
RT: 2.570 min Scan# 76
Delta R.T. 0.003 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 43 Resp: 133

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	28.0#

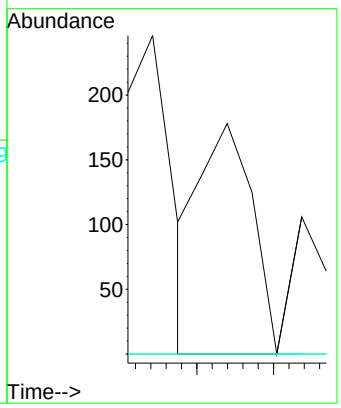


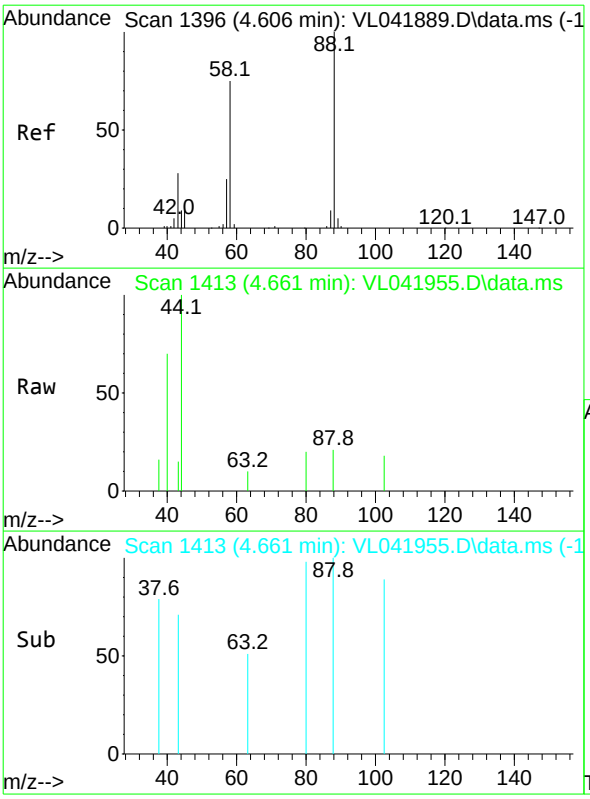


#36
Benzene
Concen: 0.003 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 78 Resp: 86

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.1	27.1#
50	0.0	15.2	22.8#



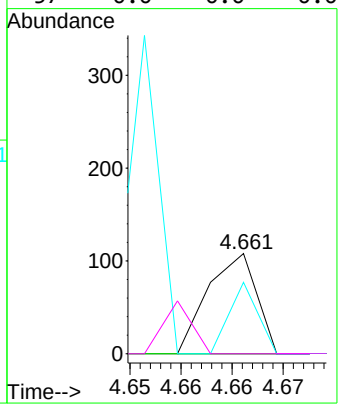


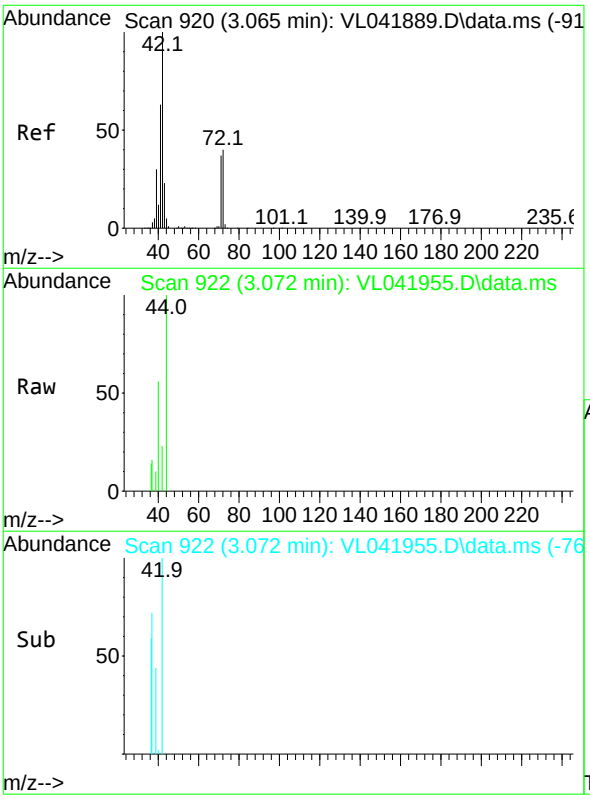
#40
1,4-Dioxane
Concen: 0.006 ppbv
RT: 4.661 min Scan# 14
Delta R.T. 0.055 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 88 Resp: 36

Ion	Ratio	Lower	Upper
88	100		
58	86.1	62.1	93.1
43	227.8	0.0	0.0#
57	0.0	0.0	0.0

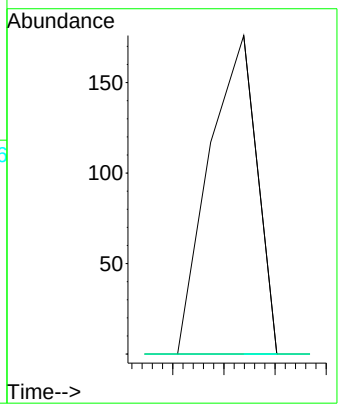


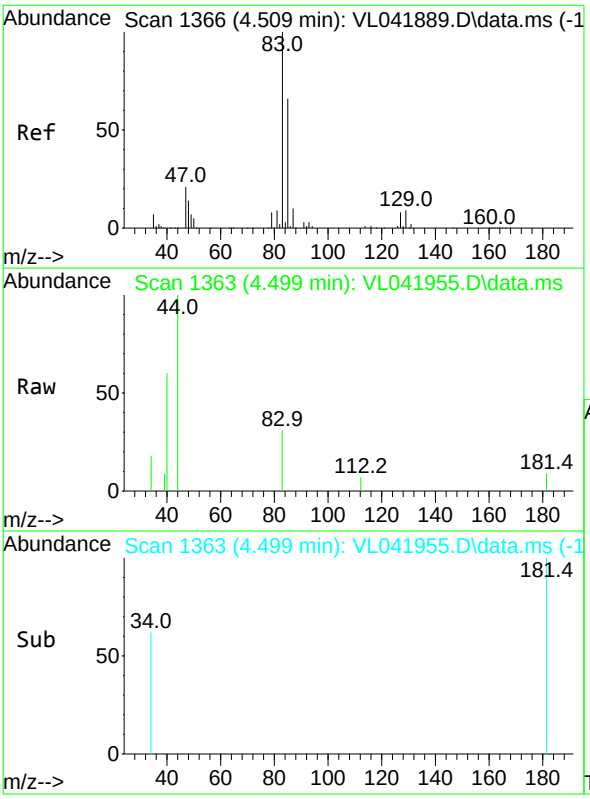


#41
Tetrahydrofuran
Concen: 0.005 ppbv
RT: 3.072 min Scan# 922
Delta R.T. 0.007 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 42 Resp: 57

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.3	48.5#
71	0.0	29.9	44.9#



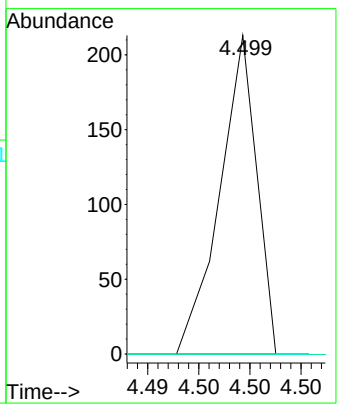


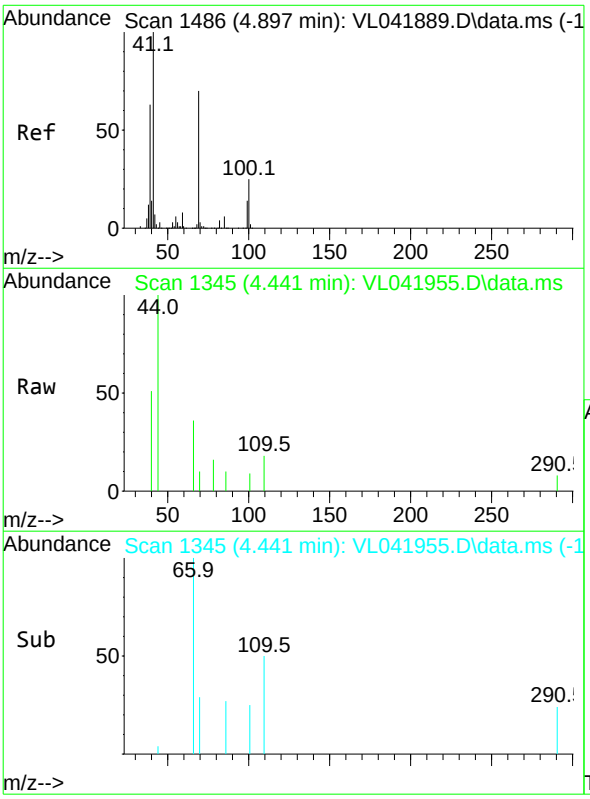
#42
Bromodichloromethane
Concen: 0.002 ppbv
RT: 4.499 min Scan# 13
Delta R.T. -0.010 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 83 Resp: 53

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.6	78.8#
127	0.0	6.4	9.6#

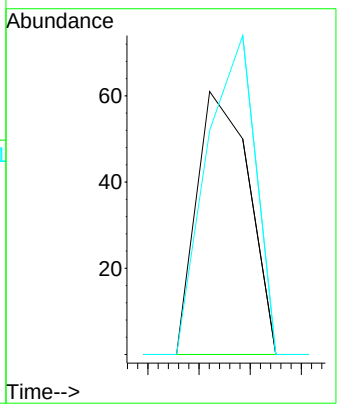


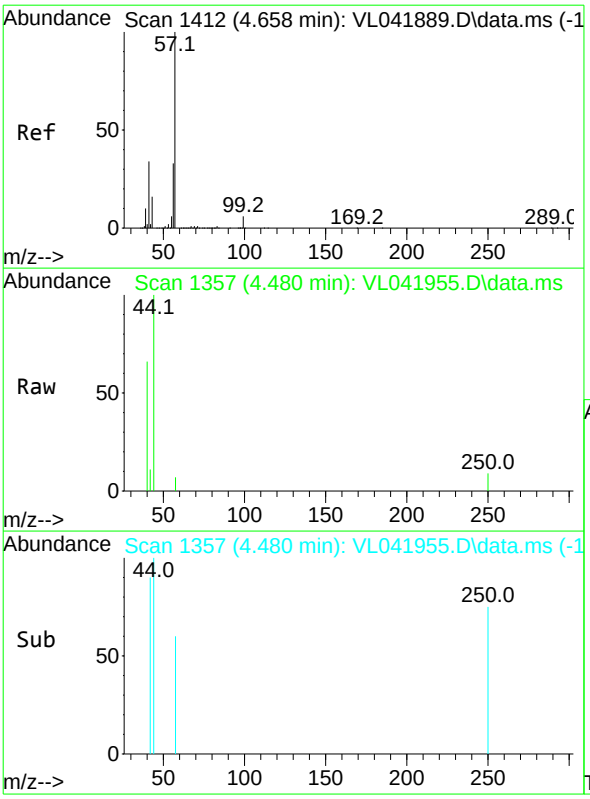


#43
Methyl Methacrylate
Concen: 0.002 ppbv
RT: 4.441 min Scan# 1345
Delta R.T. -0.456 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 69 Resp: 22

Ion	Ratio	Lower	Upper
69	100		
41	354.5	118.6	177.8#
100	86.4	29.3	43.9#



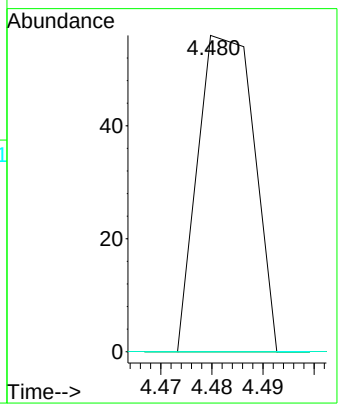


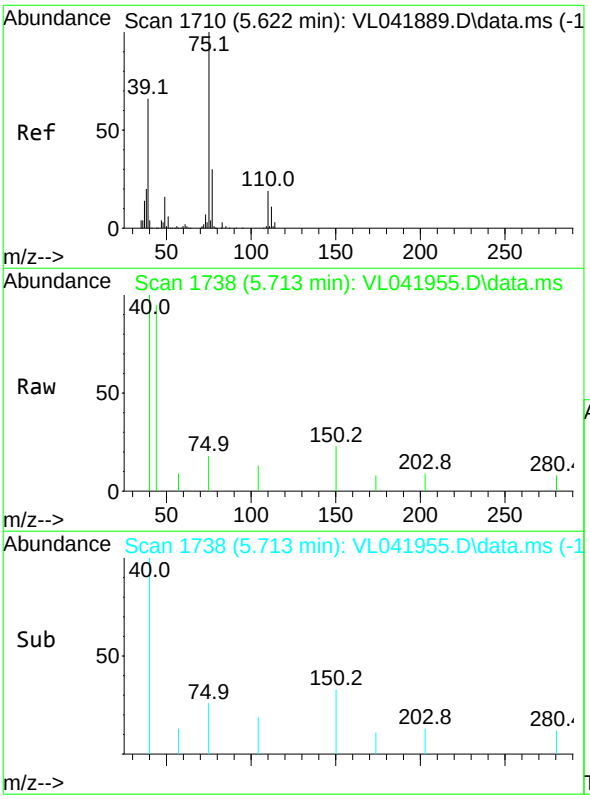
#44
2,2,4-Trimethylpentane
Concen: 0.000 ppbv
RT: 4.480 min Scan# 13
Delta R.T. -0.178 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 57 Resp: 21

Ion	Ratio	Lower	Upper
57	100		
41	371.4	26.6	40.0#
56	247.6	25.4	38.2#

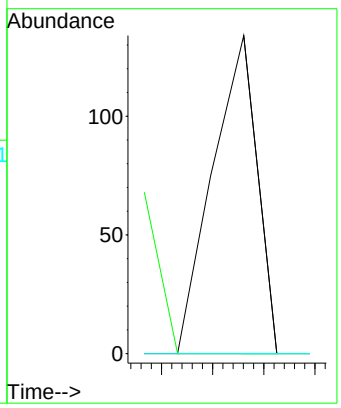


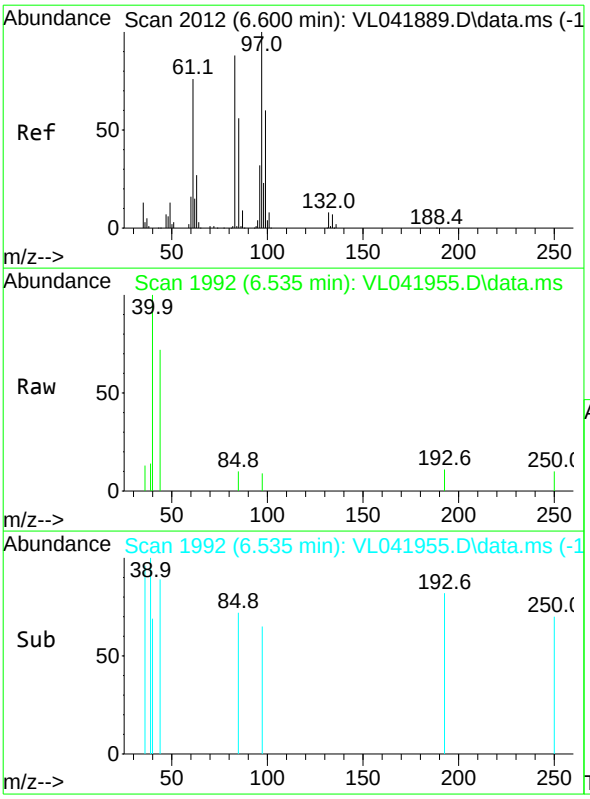


#46
cis-1,3-Dichloropropene
Concen: 0.003 ppbv
RT: 5.713 min Scan# 1738
Delta R.T. 0.091 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 75 Resp: 41

Ion	Ratio	Lower	Upper
75	100		
39	0.0	53.1	79.7#
77	0.0	23.8	35.8#



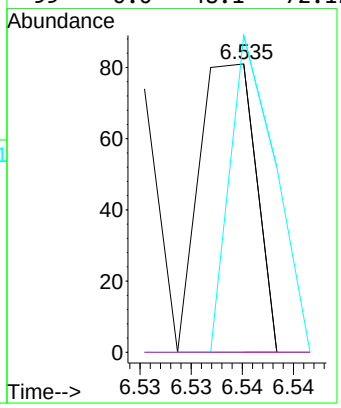


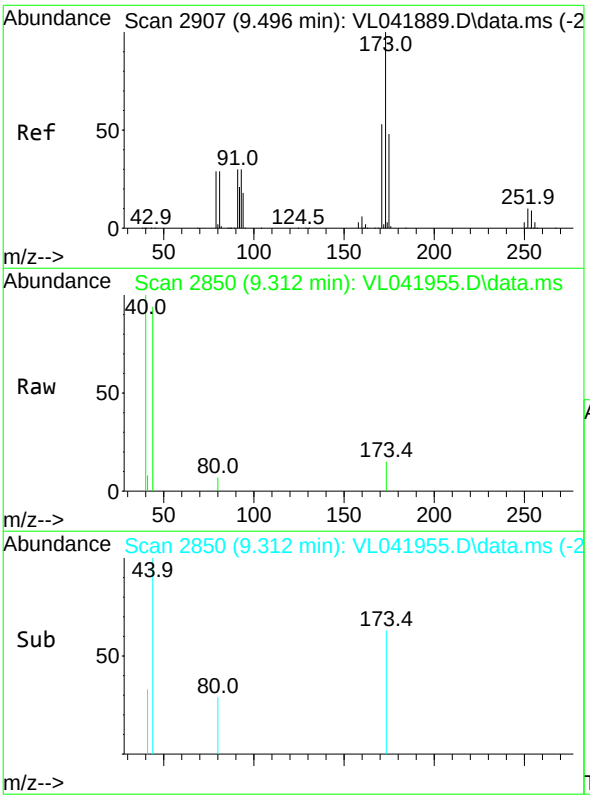
#47
1,1,2-Trichloroethane
Concen: 0.003 ppbv
RT: 6.535 min Scan# 19
Delta R.T. -0.065 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 97 Resp: 31

Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.4	105.6#
85	109.9	45.0	67.4#
99	0.0	48.1	72.1#

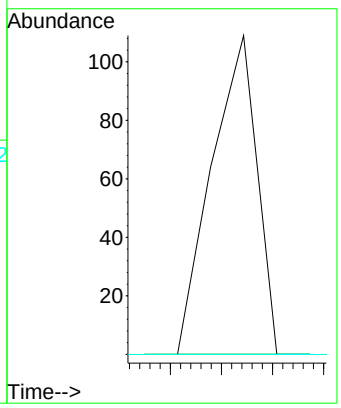


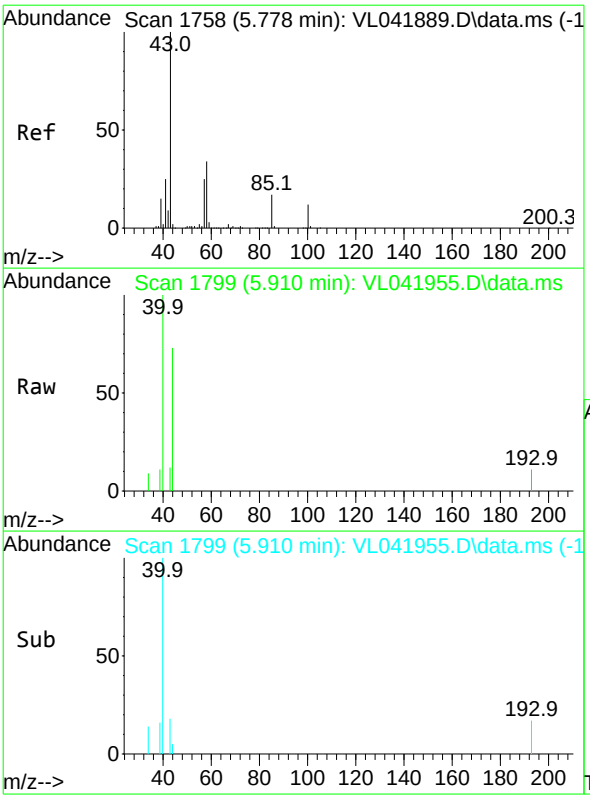


#49
Bromoform
Concen: 0.002 ppbv
RT: 9.312 min Scan# 2850
Delta R.T. -0.184 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion:173 Resp: 34

Ion	Ratio	Lower	Upper
173	100		
175	0.0	38.4	57.6#
171	0.0	41.4	62.2#



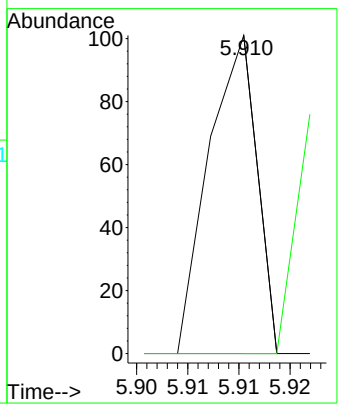


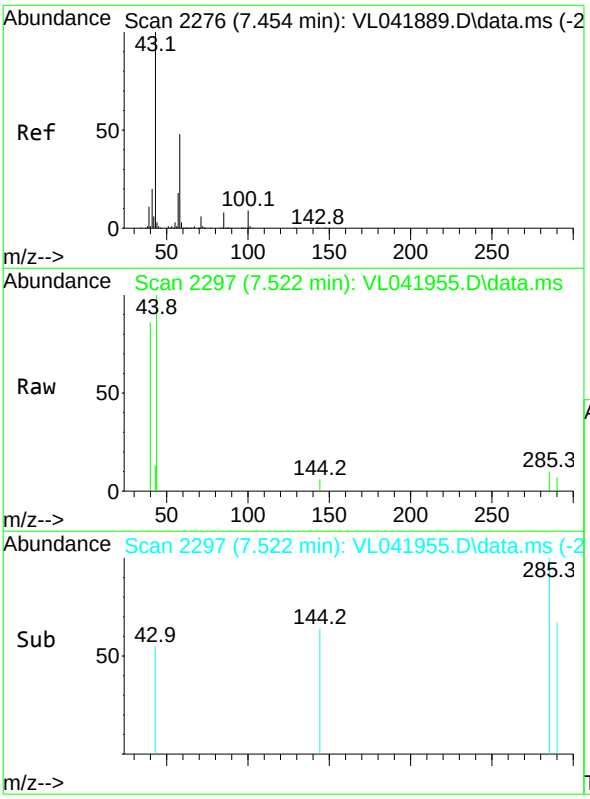
#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 5.910 min Scan# 17
Delta R.T. 0.133 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 43 Resp: 33

Ion	Ratio	Lower	Upper
43	100		
58	39.4	29.0	43.6

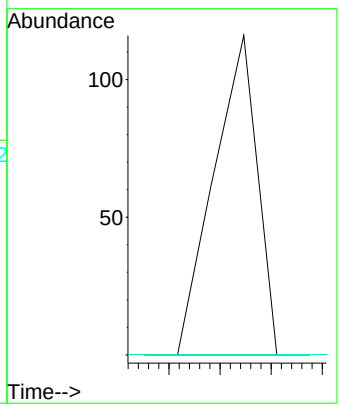


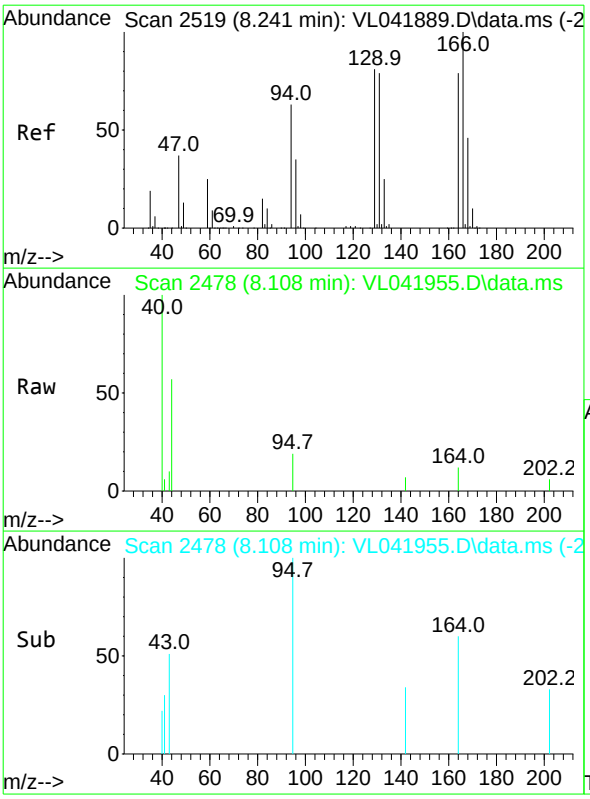


#51
2-Hexanone
Concen: 0.001 ppbv
RT: 7.522 min Scan# 2297
Delta R.T. 0.068 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 43 Resp: 34

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.4	60.6#
98	41.2	0.2	0.2#



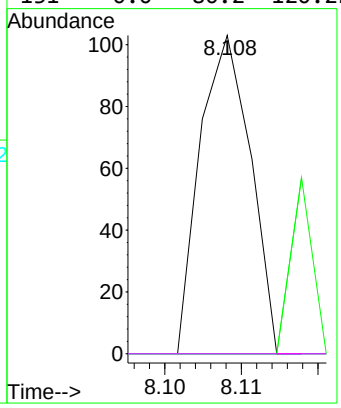


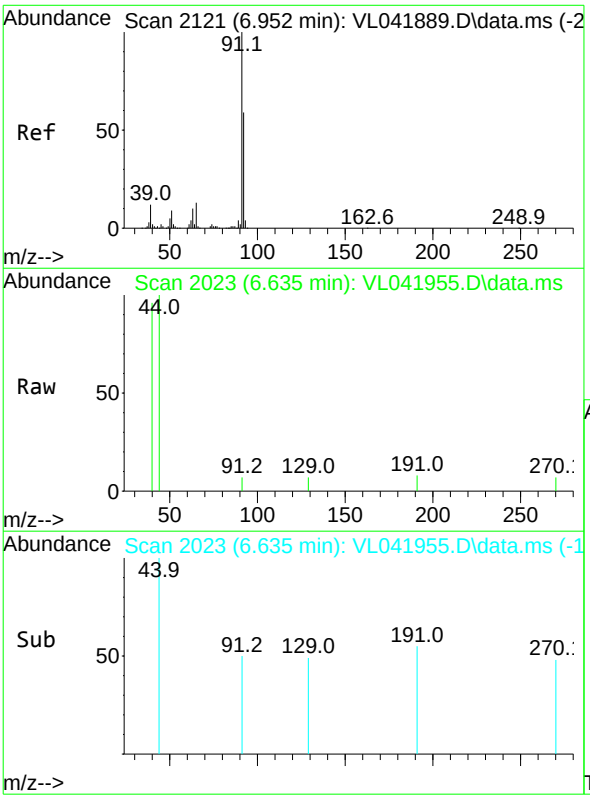
#52
Tetrachloroethene
Concen: 0.004 ppbv
RT: 8.108 min Scan# 24
Delta R.T. -0.133 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion:164 Resp: 47

Ion	Ratio	Lower	Upper
164	100		
166	0.0	100.8	151.2#
129	0.0	82.0	123.0#
131	0.0	80.2	120.2#

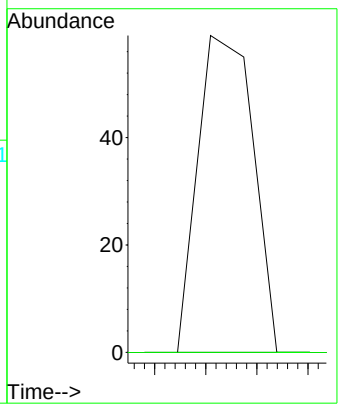


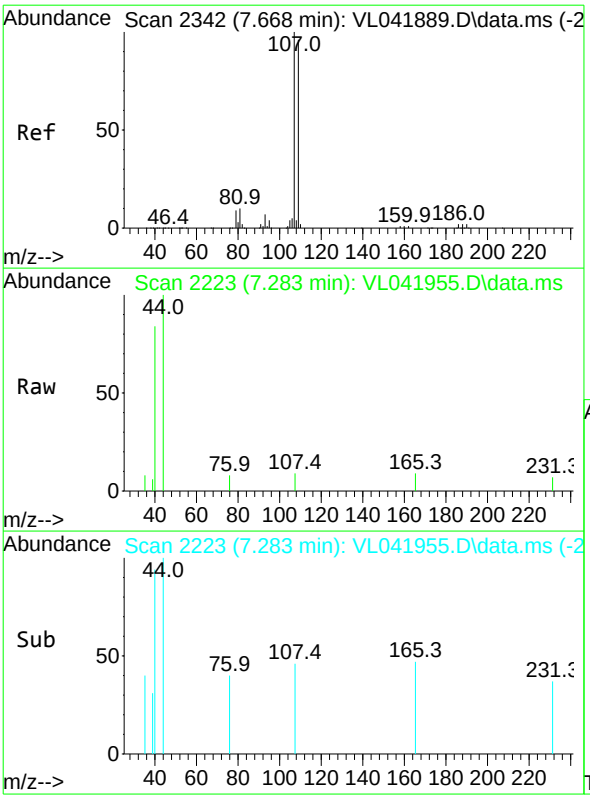


#53
Toluene
Concen: 0.001 ppbv
RT: 6.635 min Scan# 2023
Delta R.T. -0.317 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 91 Resp: 22

Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.4	71.0#



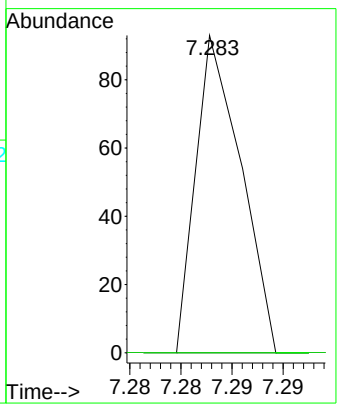


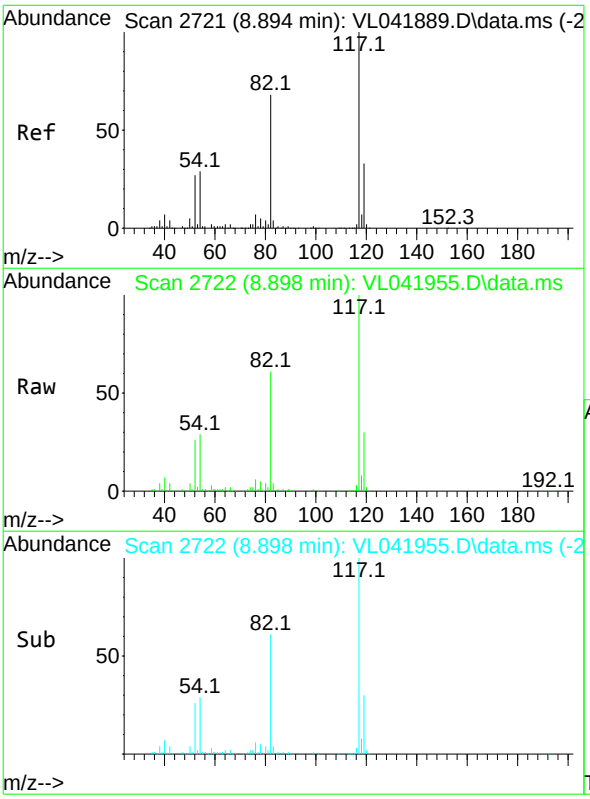
#54
1,2-Dibromoethane
Concen: 0.002 ppbv
RT: 7.283 min Scan# 22
Delta R.T. -0.385 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion:107 Resp: 29

Ion	Ratio	Lower	Upper
107	100		
109	0.0	76.7	115.1#

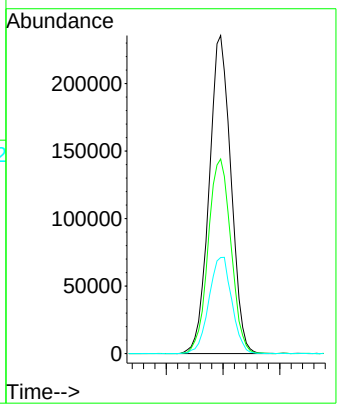


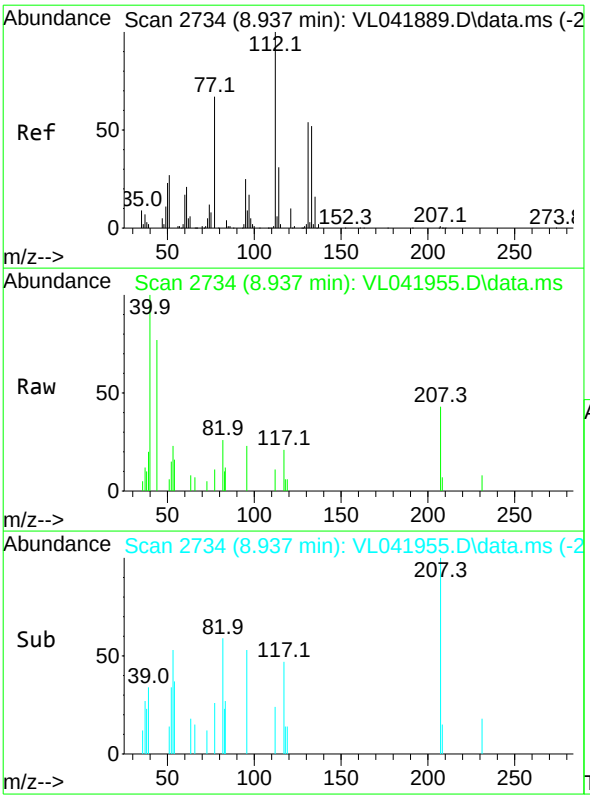


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. 0.003 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion:117 Resp: 313747

Ion	Ratio	Lower	Upper
117	100		
82	64.2	54.2	81.4
119	31.9	25.0	37.6



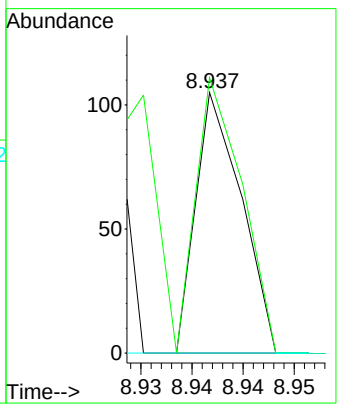


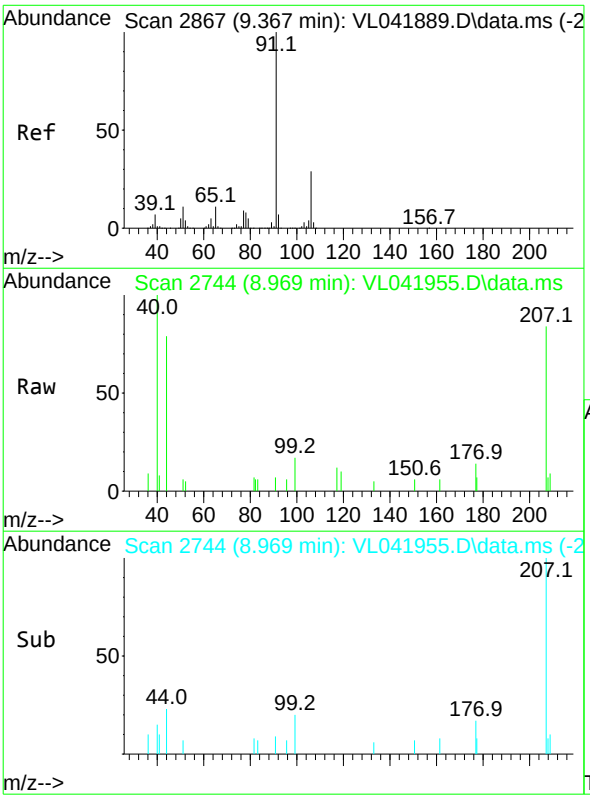
#57
Chlorobenzene
Concen: 0.001 ppbv
RT: 8.937 min Scan# 27
Delta R.T. 0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion:112 Resp: 32

Ion	Ratio	Lower	Upper
112	100		
77	105.7	54.6	82.0#
114	0.0	28.2	34.4#

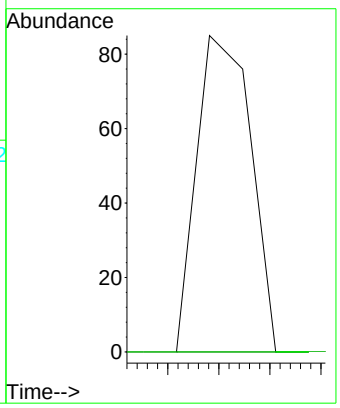


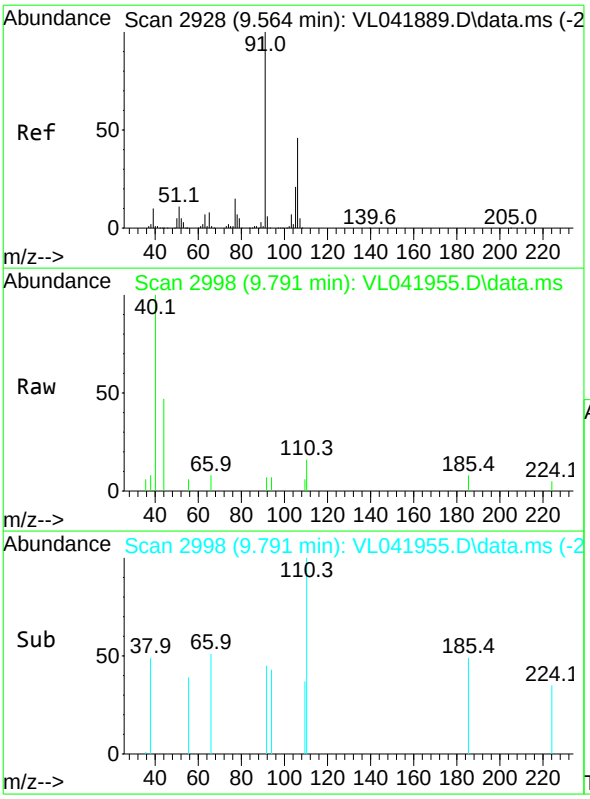


#58
Ethyl Benzene
Concen: 0.001 ppbv
RT: 8.969 min Scan# 2744
Delta R.T. -0.398 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 91 Resp: 31

Ion	Ratio	Lower	Upper
91	100		
106	0.0	23.1	34.7#



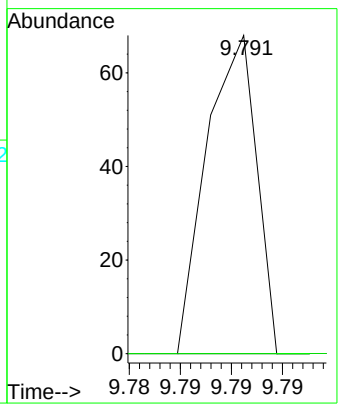


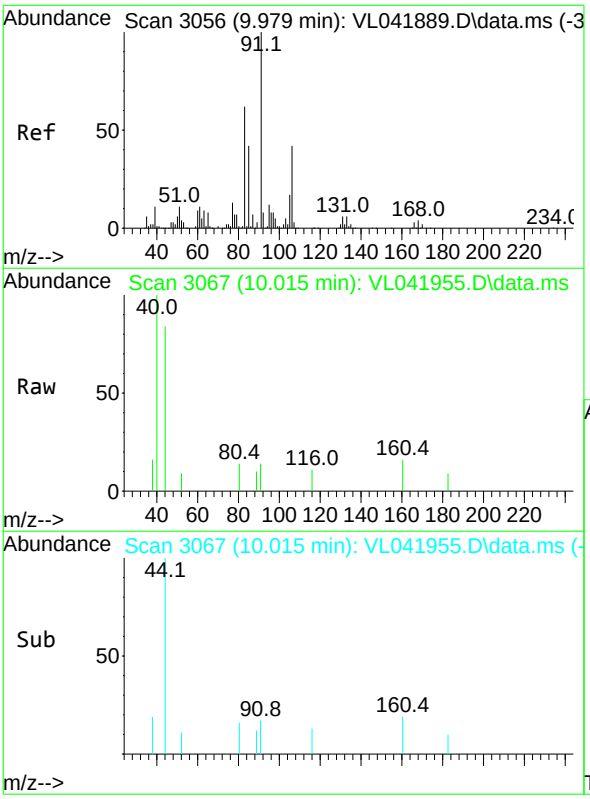
#59
m/p-Xylene
Concen: 0.001 ppbv
RT: 9.791 min Scan# 29
Delta R.T. 0.227 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 91 Resp: 23

Ion	Ratio	Lower	Upper
91	100		
106	0.0	36.0	54.0#

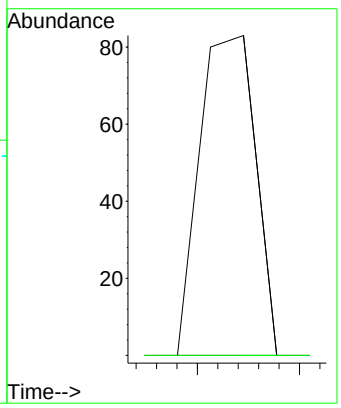


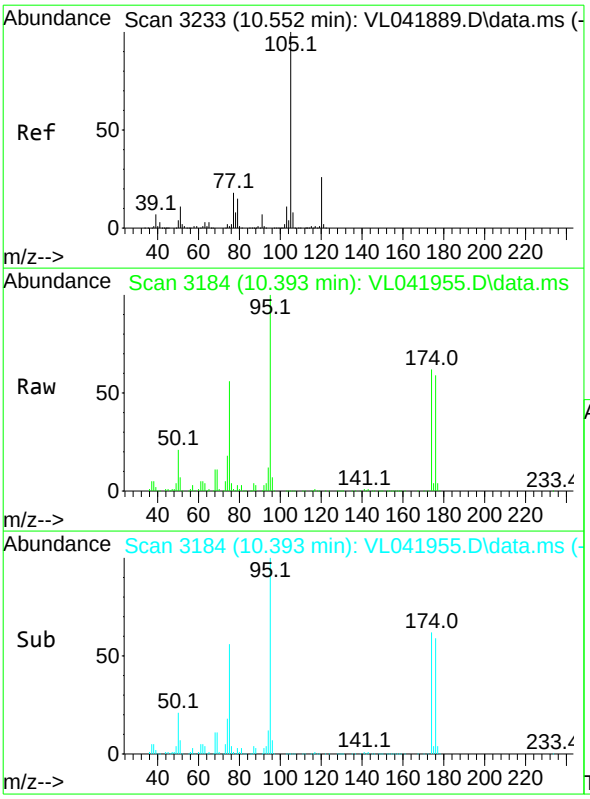


#60
o-Xylene
Concen: 0.001 ppbv
RT: 10.015 min Scan# 3067
Delta R.T. 0.036 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 91 Resp: 32

Ion	Ratio	Lower	Upper
91	100		
106	0.0	21.3	63.9#



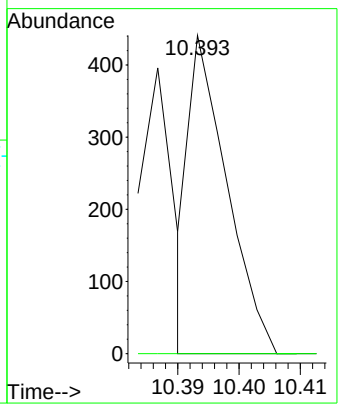


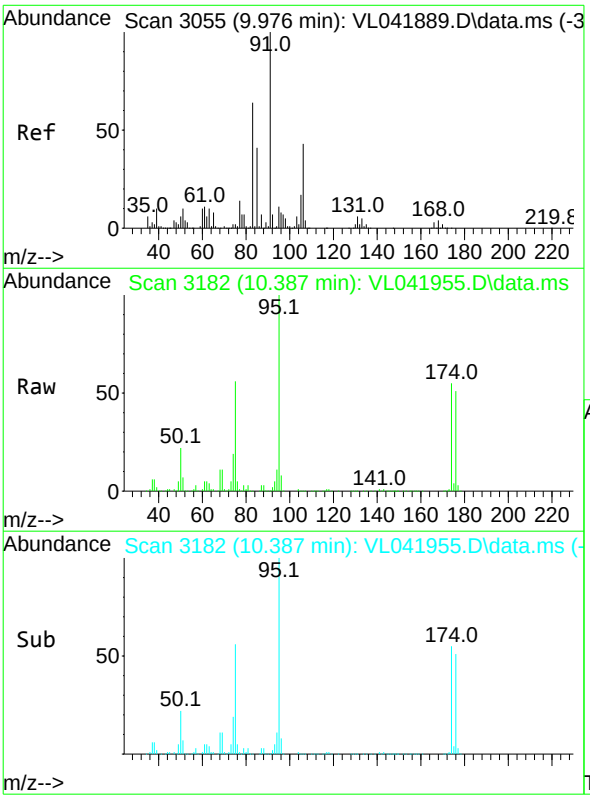
#62
Isopropylbenzene
Concen: 0.003 ppbv
RT: 10.393 min Scan# 31
Delta R.T. -0.158 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion:105 Resp: 189

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.3	30.5#

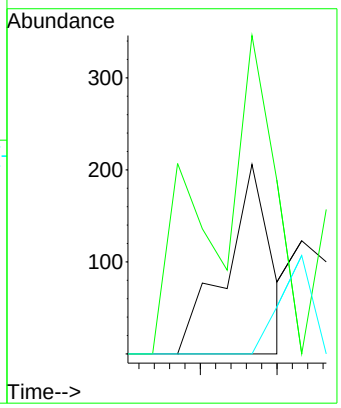


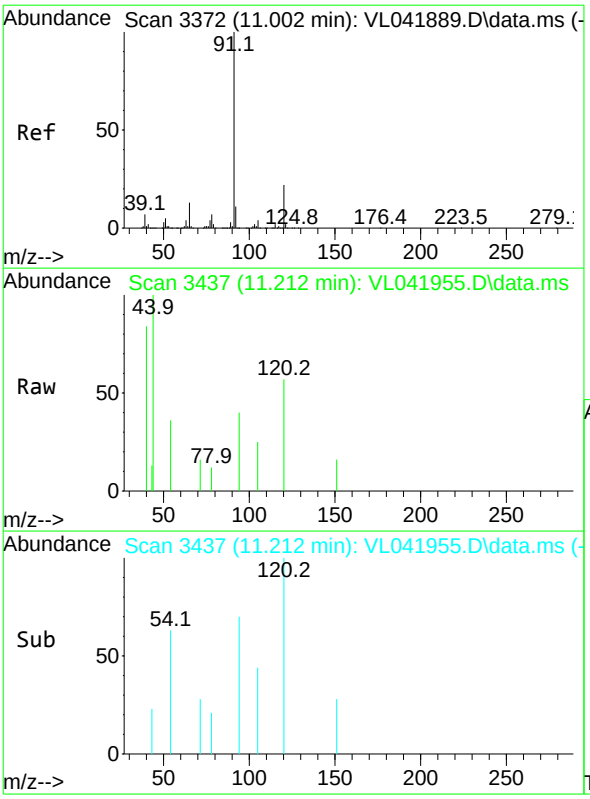


#63
1,1,2,2-Tetrachloroethane
Concen: 0.003 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. 0.411 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 83 Resp: 84

Ion	Ratio	Lower	Upper
83	100		
131	23.8	4.8	14.4#
85	11.9	32.4	97.2#



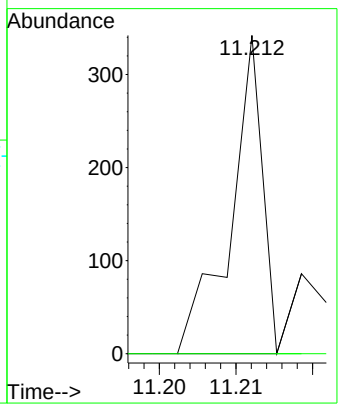


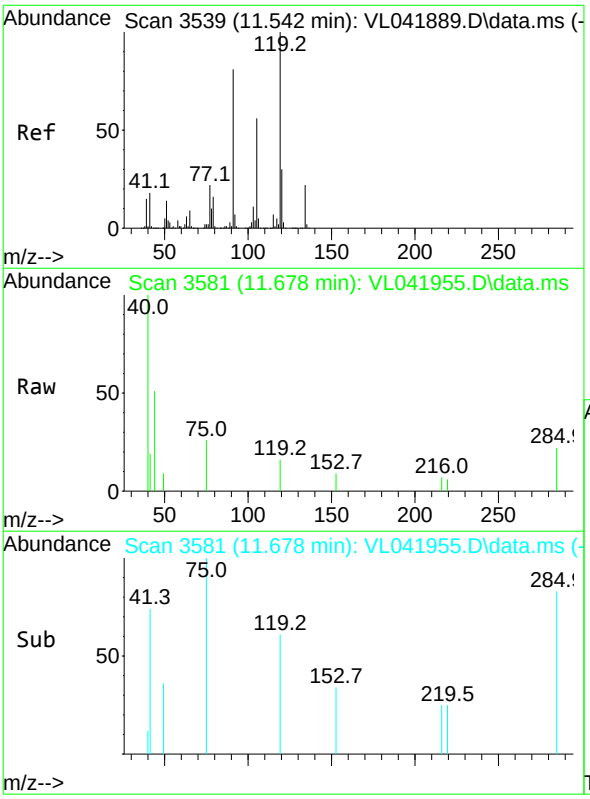
#64
n-propylbenzene
Concen: 0.006 ppbv
RT: 11.212 min Scan# 34
Delta R.T. 0.211 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion:120 Resp: 99

Ion	Ratio	Lower	Upper
120	100		
91	11.1	374.1	561.1#

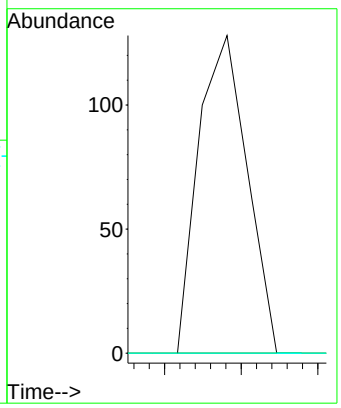


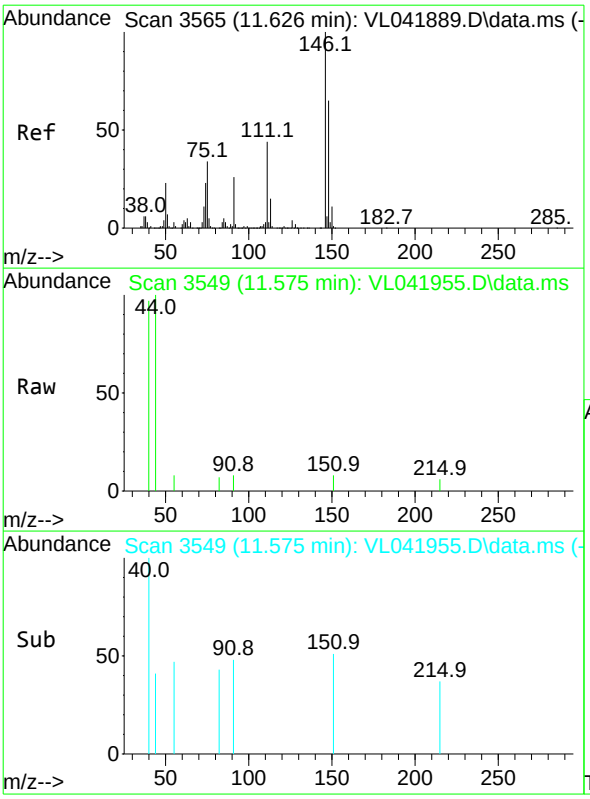


#65
tert-Butylbenzene
Concen: 0.001 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.136 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion:119 Resp: 56

Ion	Ratio	Lower	Upper
119	100		
91	0.0	64.6	97.0#
134	0.0	16.8	25.2#



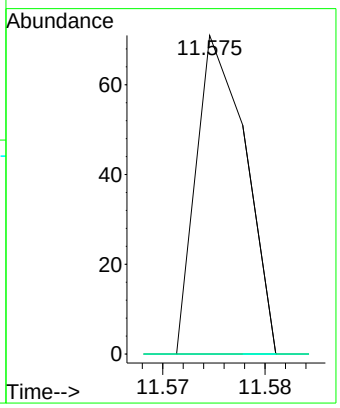


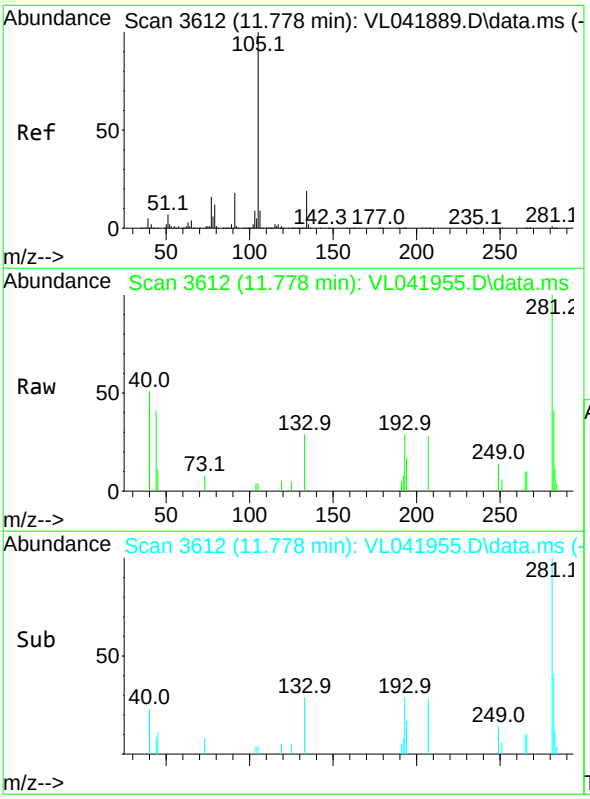
#66
Benzyl Chloride
Concen: 0.007 ppbv
RT: 11.575 min Scan# 35
Delta R.T. -0.052 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 91 Resp: 24

Ion	Ratio	Lower	Upper
91	100		
126	91.7	14.1	21.1#
128	0.0	4.3	6.5#

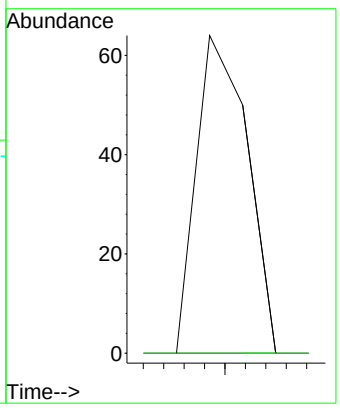


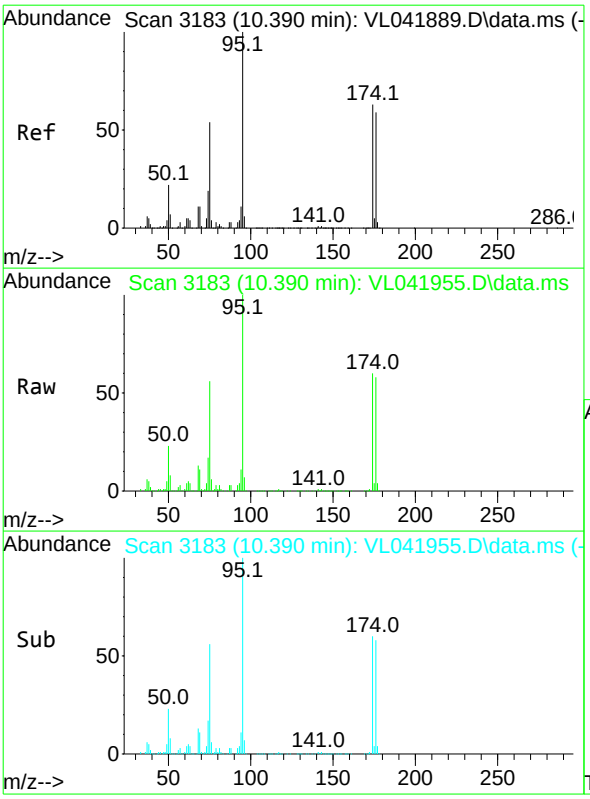


#67
sec-Butylbenzene
Concen: 0.000 ppbv
RT: 11.778 min Scan# 3612
Delta R.T. 0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion:105 Resp: 22

Ion	Ratio	Lower	Upper
105	100		
134	100.0	15.1	22.7#



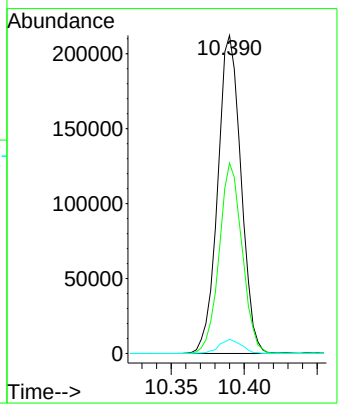


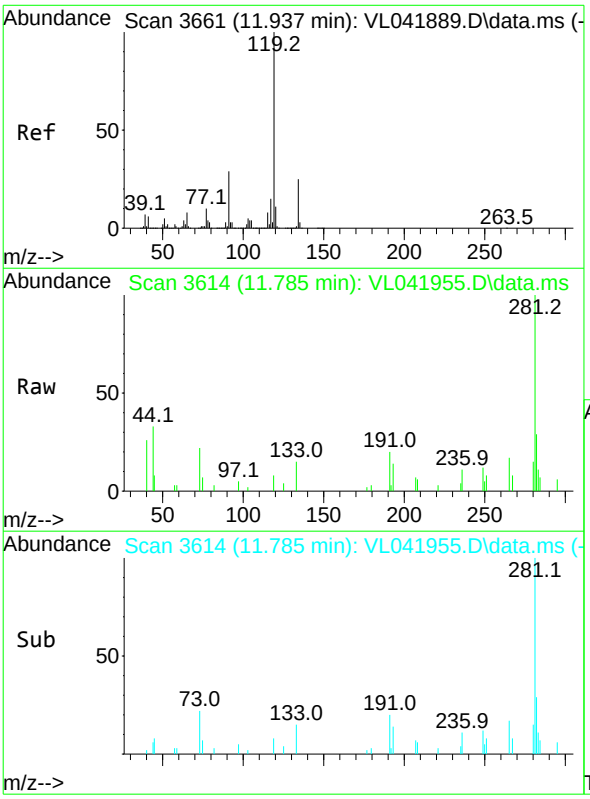
#68
1-Bromo-4-Fluorobenzene
Concen: 9.538 ppbv
RT: 10.390 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 95 Resp: 235713

Ion	Ratio	Lower	Upper
95	100		
174	58.9	49.0	73.4
175	4.3	3.8	5.8

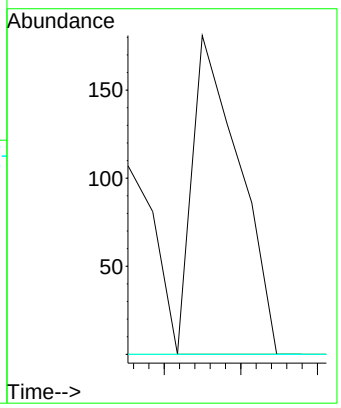


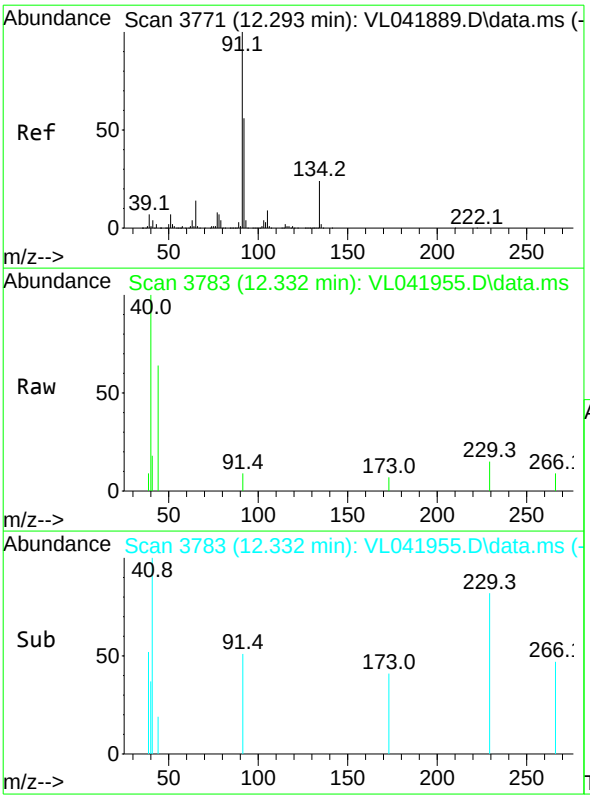


#69
p-Isopropyltoluene
Concen: 0.001 ppbv
RT: 11.785 min Scan# 3614
Delta R.T. -0.152 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion:119 Resp: 77

Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.8	29.6#
91	45.5	23.0	34.4#



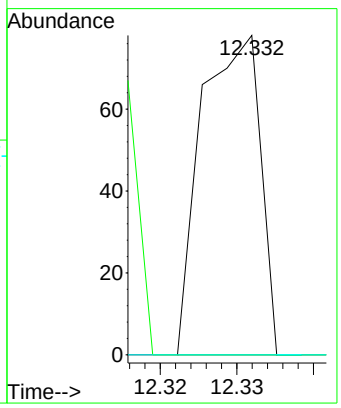


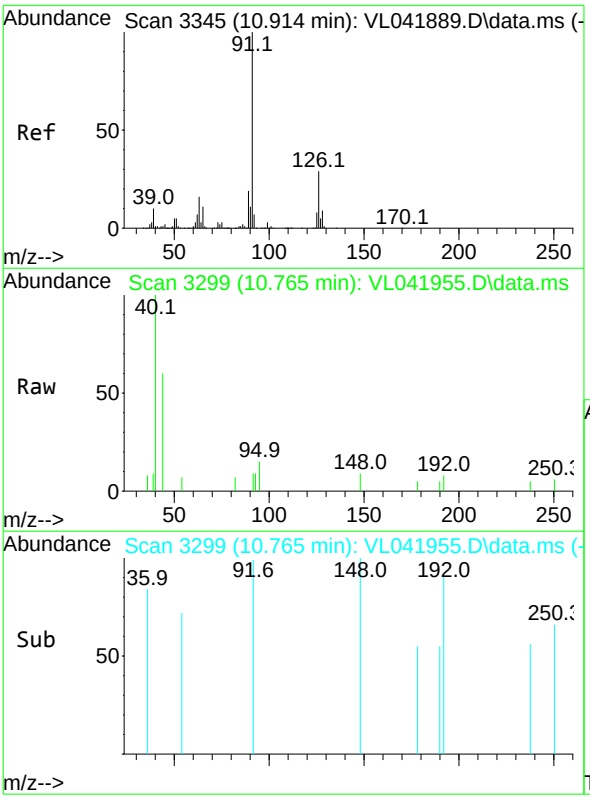
#70
n-Butylbenzene
Concen: 0.001 ppbv
RT: 12.332 min Scan# 37
Delta R.T. 0.039 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion: 91 Resp: 42

Ion	Ratio	Lower	Upper
91	100		
92	73.8	43.8	65.6#
134	0.0	19.0	28.6#

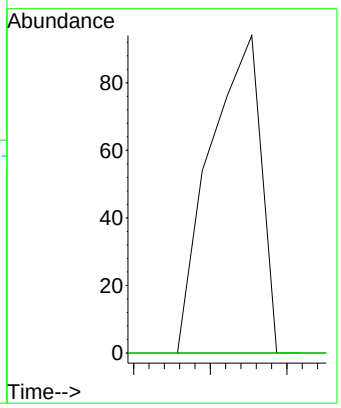


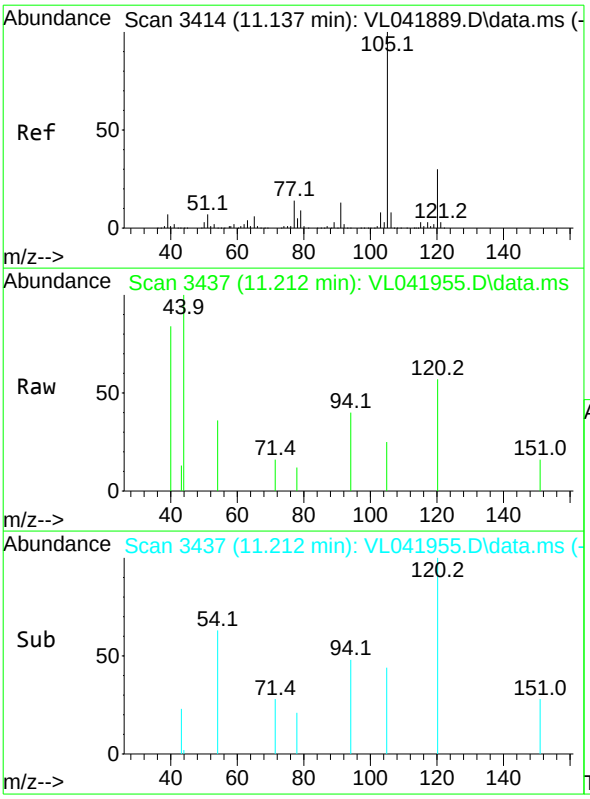


#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 10.765 min Scan# 3299
Delta R.T. -0.149 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion: 91 Resp: 44

Ion	Ratio	Lower	Upper
91	100		
126	88.6	11.7	46.7#



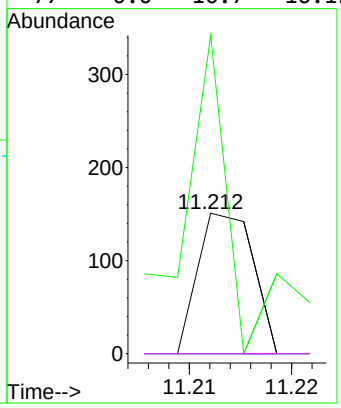


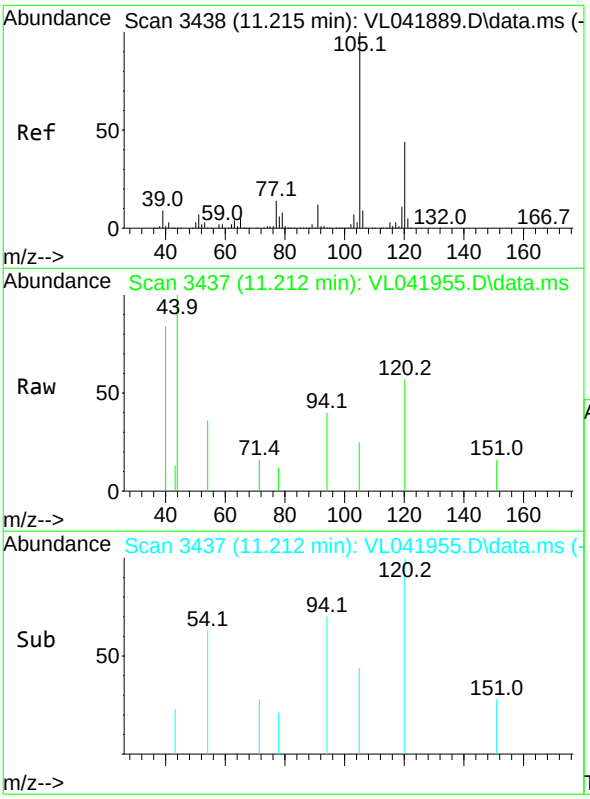
#72
4-Ethyltoluene
Concen: 0.001 ppbv
RT: 11.212 min Scan# 34
Delta R.T. 0.075 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion:105 Resp: 57

Ion	Ratio	Lower	Upper
105	100		
120	221.1	23.7	35.5#
91	19.3	10.2	15.2#
77	0.0	10.7	16.1#

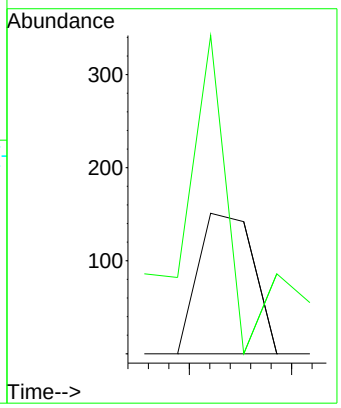


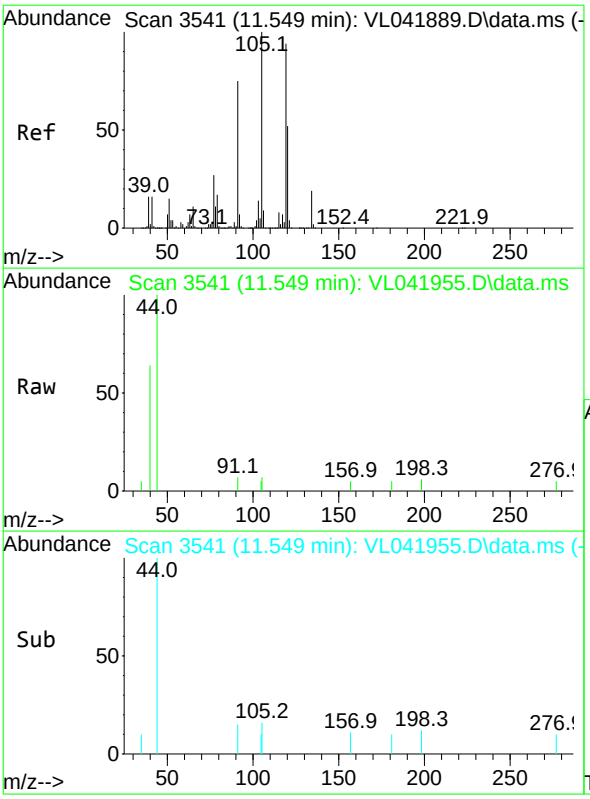


#73
1,3,5-Trimethylbenzene
Concen: 0.001 ppbv
RT: 11.212 min Scan# 3437
Delta R.T. -0.003 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion:105 Resp: 57

Ion	Ratio	Lower	Upper
105	100		
120	172.2	35.4	53.2#



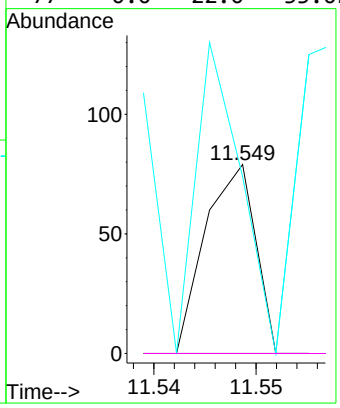


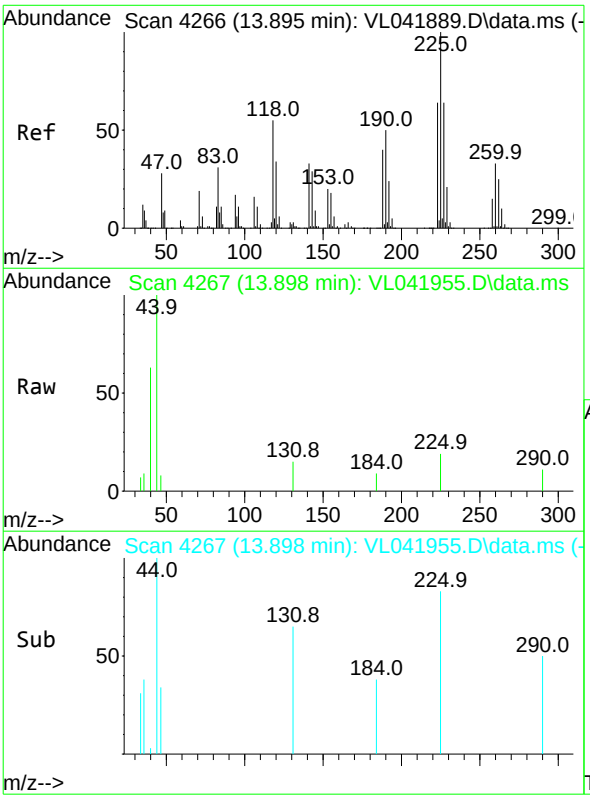
#74
1,2,4-Trimethylbenzene
Concen: 0.001 ppbv
RT: 11.549 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion:105 Resp: 27

Ion	Ratio	Lower	Upper
105	100		
120	0.0	41.4	62.2#
91	93.7	60.2	90.2#
77	0.0	22.0	33.0#

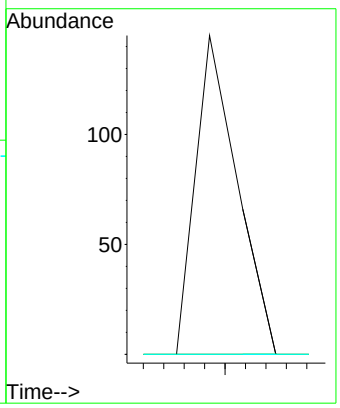


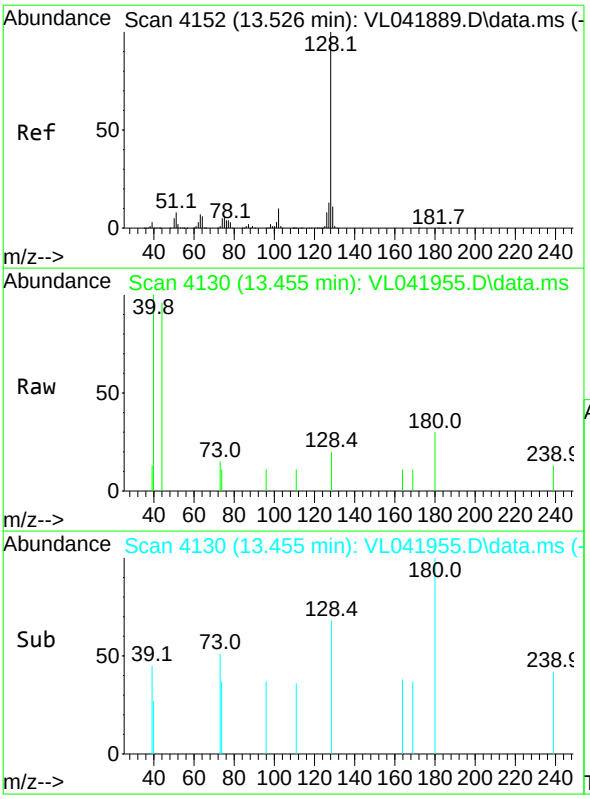


#78
Hexachloro-1,3-Butadiene
Concen: 0.002 ppbv
RT: 13.898 min Scan# 4267
Delta R.T. 0.003 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion:225 Resp: 41

Ion	Ratio	Lower	Upper
225	100		
223	100.0	50.8	76.2#
227	26.8	50.3	75.5#



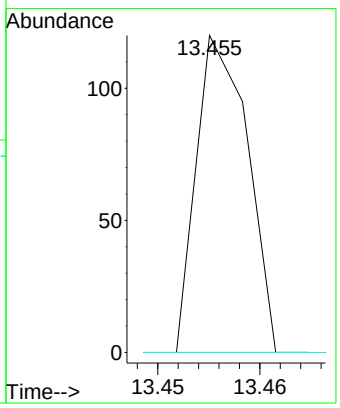


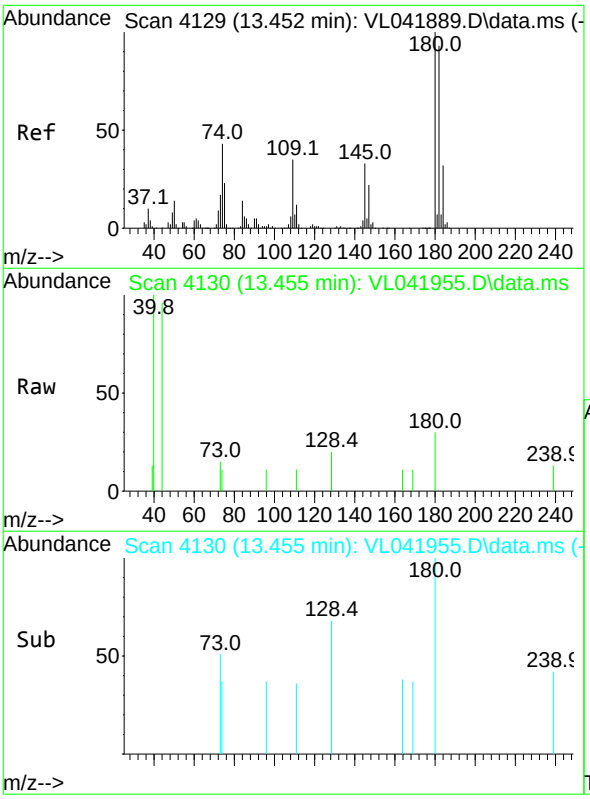
#79
Naphthalene
Concen: 0.001 ppbv
RT: 13.455 min Scan# 41
Delta R.T. -0.071 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Instrument :
MSVOA_L
ClientSampleId :
QC012125 CAN 10268

Tgt Ion:128 Resp: 42

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	9.1	13.7#





#81
1,2,4-Trichlorobenzene
Concen: 0.003 ppbv
RT: 13.455 min Scan# 4130
Delta R.T. 0.003 min
Lab File: VL041955.D
Acq: 27 Jan 2025 16:42

Tgt Ion:180 Resp: 70

Ion	Ratio	Lower	Upper
180	100		
182	55.7	77.0	115.6#
184	0.0	24.9	37.3#