Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110325\
Data File : VL043141.D
Acq On : 03 Nov 2025 10:55
Operator : SY/MD
Sample : CAN 10158
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Quant Time: Nov 04 03:07:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Oct 15 02:12:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	117982	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	386858	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	339091	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	253826	9.630	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.300%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.700	85	54	0.003	ppbv #	43
3) Chlorodifluoromethane	1.483	51	57	0.003	ppbv #	1
4) Chloromethane	1.534	50	40	0.006	ppbv #	43
5) Vinyl Chloride	1.528	62	38	0.006	ppbv #	44
6) Bromomethane	1.628	94	31	0.009	ppbv #	4
7) Chloroethane	1.790	64	41	0.015	ppbv #	85
8) Dichlorotetrafluoroethane	1.700	85	54	0.004	ppbv	94
9) Propene	1.360	41	41	0.005	ppbv	95
10) Heptane	4.965	43	61	0.003	ppbv #	27
11) Trichlorofluoromethane	1.871	101	23	0.001	ppbv #	1
12) 1,1,2-Trichlorotrifluo...	2.030	101	27	0.002	ppbv #	61
14) Bromoethene	1.742	108	33	0.007	ppbv #	1
16) 1,3-Butadiene	1.619	39	57	0.008	ppbv #	13
17) tert-Butyl alcohol	2.046	59	327	0.015	ppbv #	92
18) 1,1-Dichloroethene	1.997	96	36	0.006	ppbv #	1
19) Isopropyl Alcohol	1.894	45	164	0.017	ppbv #	1
21) Allyl Chloride	2.098	41	198	0.017	ppbv #	21
22) trans-1,2-Dichloroethene	2.331	96	47	0.007	ppbv #	1
24) 1,1-Dichloroethane	2.402	63	62	0.005	ppbv #	87
25) Ethyl Acetate	2.826	43	33	0.001	ppbv #	1
26) Hexane	2.826	57	136	0.007	ppbv #	8
27) Carbon Disulfide	2.056	76	20	0.001	ppbv #	1
28) Methyl tert-Butyl Ether	2.379	73	24	0.003	ppbv #	1
29) Chloroform	2.845	83	78	0.003	ppbv #	19
30) Cyclohexane	3.829	84	37	0.002	ppbv #	1
31) cis-1,2-Dichloroethene	2.638	61	29	0.002	ppbv #	24
36) Benzene	3.658	78	121	0.003	ppbv #	57
37) 1,2-Dichloroethane	2.936	62	24	0.001	ppbv #	79
41) Tetrahydrofuran	3.075	42	98	0.007	ppbv #	53
42) Bromodichloromethane	4.480	83	27	0.001	ppbv #	25
43) Methyl Methacrylate	4.742	69	22	0.001	ppbv #	1
44) 2,2,4-Trimethylpentane	4.638	57	22	0.000	ppbv #	1
45) t-1,3-Dichloropropene	5.985	75	20	0.001	ppbv #	43
46) cis-1,3-Dichloropropene	5.985	75	20	0.001	ppbv #	27
47) 1,1,2-Trichloroethane	6.878	97	27	0.002	ppbv #	17
50) 4-Methyl-2-Pentanone	5.755	43	54	0.002	ppbv #	38
51) 2-Hexanone	7.458	43	60	0.002	ppbv #	27
52) Tetrachloroethene	8.568	164	24	0.002	ppbv #	1
53) Toluene	6.923	91	110	0.003	ppbv #	45
56) 1,1,1,2-Tetrachloroethane	9.105	131	23	0.001	ppbv #	9
57) Chlorobenzene	8.888	112	46	0.001	ppbv #	66
58) Ethyl Benzene	9.539	91	91	0.002	ppbv	100
59) m/p-Xylene	9.529	91	77	0.002	ppbv #	29

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110325\
Data File : VL043141.D
Acq On : 03 Nov 2025 10:55
Operator : SY/MD
Sample : CAN 10158
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Quant Time: Nov 04 03:07:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Oct 15 02:12:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) o-Xylene	9.963	91	51	0.001	ppbv #	32
61) Styrene	9.390	104	65	0.003	ppbv #	62
62) Isopropylbenzene	10.542	105	47	0.001	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	10.348	83	38	0.001	ppbv #	84
64) n-propylbenzene	11.222	120	41	0.002	ppbv #	1
65) tert-Butylbenzene	11.529	119	22	0.000	ppbv #	19
66) Benzyl Chloride	11.743	91	32	0.004	ppbv #	1
67) sec-Butylbenzene	11.769	105	71	0.001	ppbv #	1
69) p-Isopropyltoluene	11.892	119	34	0.000	ppbv #	49
70) n-Butylbenzene	11.840	91	44	0.001	ppbv #	84
71) 2-Chlorotoluene	10.992	91	66	0.001	ppbv #	45
72) 4-Ethyltoluene	11.118	105	56	0.001	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.206	105	47	0.001	ppbv #	28
74) 1,2,4-Trimethylbenzene	11.539	105	351	0.007	ppbv #	31
75) 1,3-Dichlorobenzene	11.390	146	24	0.001	ppbv #	1
76) 1,4-Dichlorobenzene	11.390	146	24	0.001	ppbv #	15
77) 1,2-Dichlorobenzene	12.270	146	29	0.001	ppbv #	23
78) Hexachloro-1,3-Butadiene	13.882	225	47	0.002	ppbv #	56
79) Naphthalene	13.520	128	93	0.002	ppbv #	69
80) Naphthalene,2-methyl-	14.546	142	10	0.001	ppbv #	1
81) 1,2,4-Trichlorobenzene	13.471	180	73	0.003	ppbv #	73

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

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110325\
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Acq On : 03 Nov 2025 10:55
Operator : SY/MD
Sample : CAN 10158
Misc : 400mL/MSVOA_L
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Instrument :
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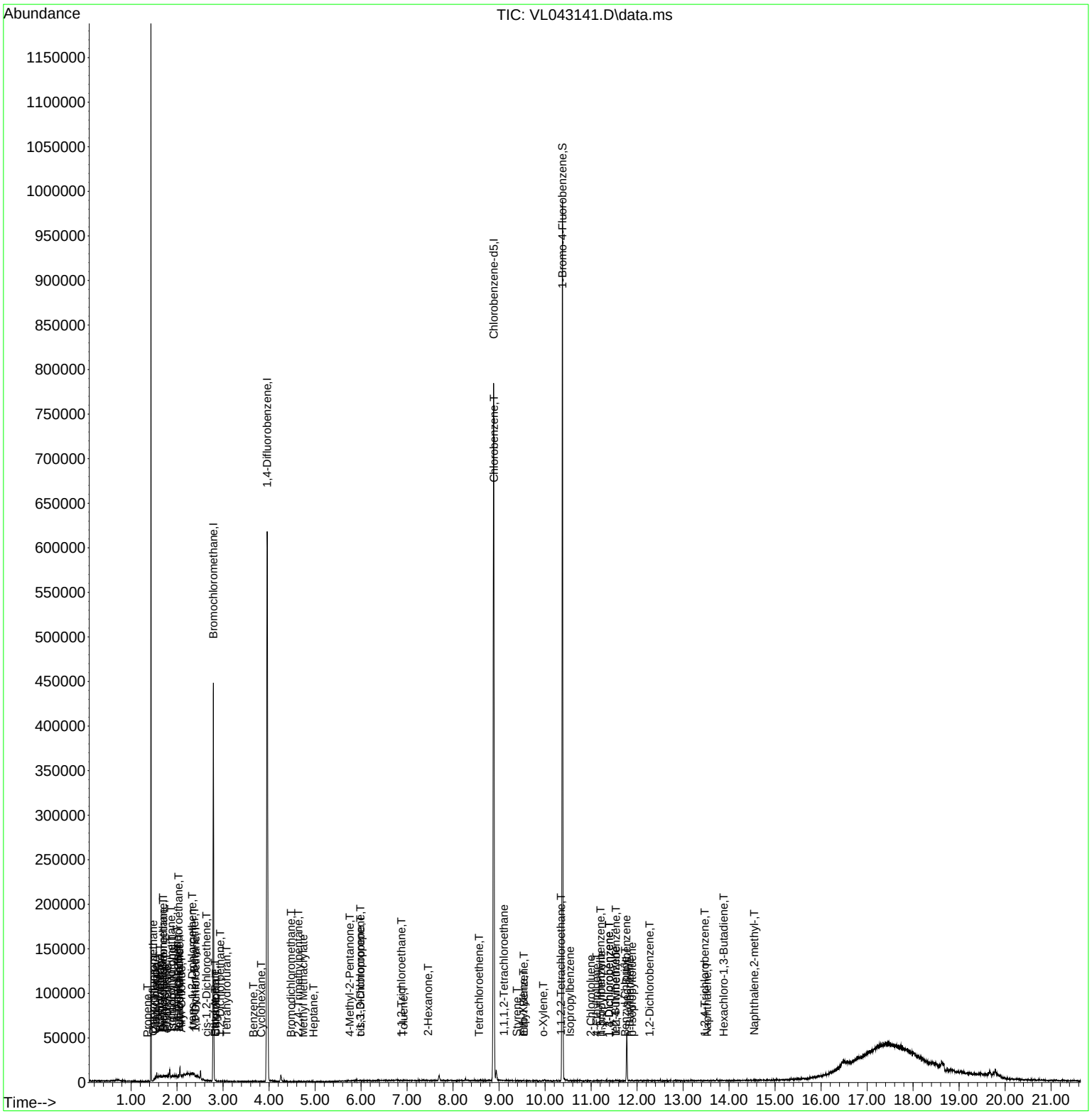
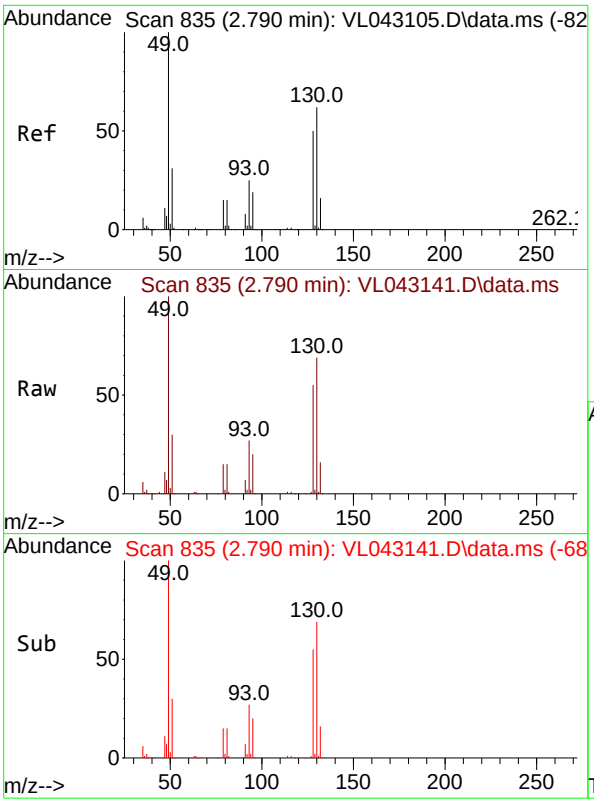
CAN 10158

Quant Time: Nov 04 03:07:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Oct 15 02:12:58 2025
Response via : Initial Calibration



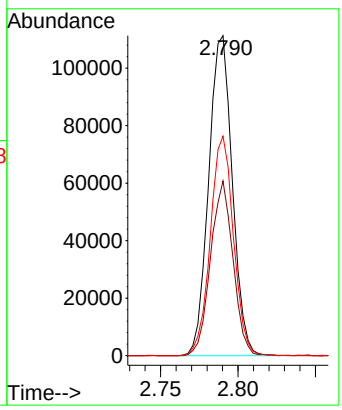


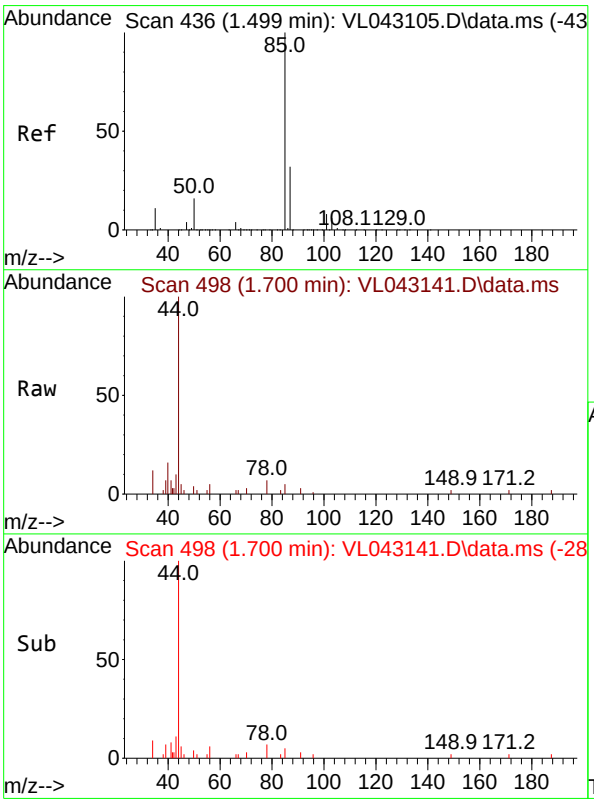
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 8
Delta R.T. 0.000 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 49 Resp: 117982

Ion	Ratio	Lower	Upper
49	100		
128	51.9	24.4	73.4
130	67.4	31.0	93.0

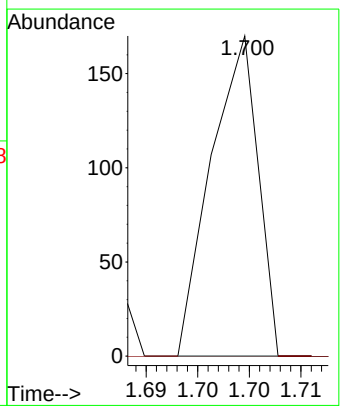


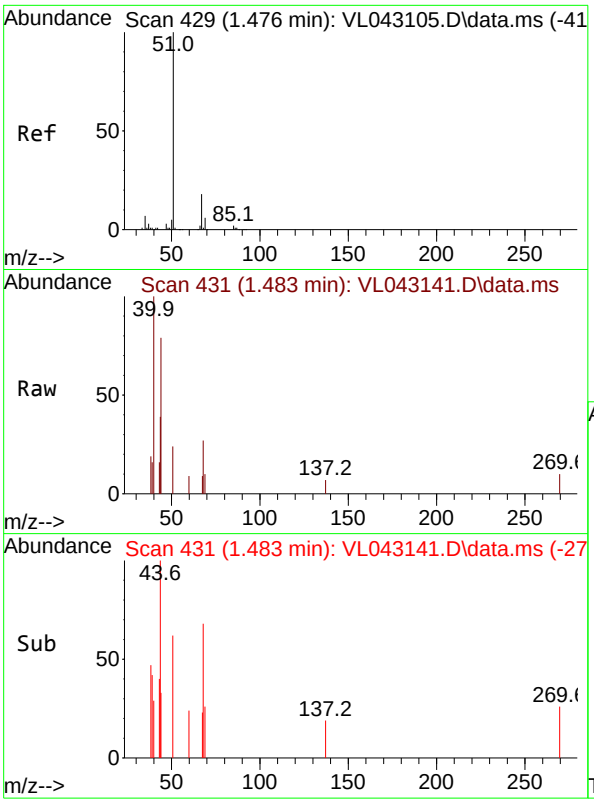


#2
Dichlorodifluoromethane
Concen: 0.003 ppbv
RT: 1.700 min Scan# 498
Delta R.T. 0.201 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 85 Resp: 54

Ion	Ratio	Lower	Upper
85	100		
87	0.0	25.3	37.9#



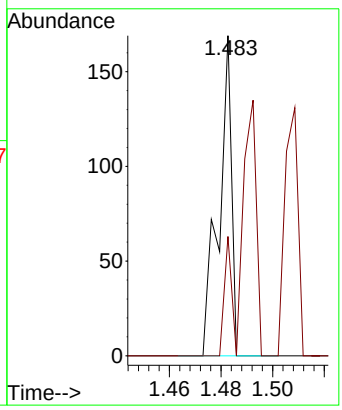


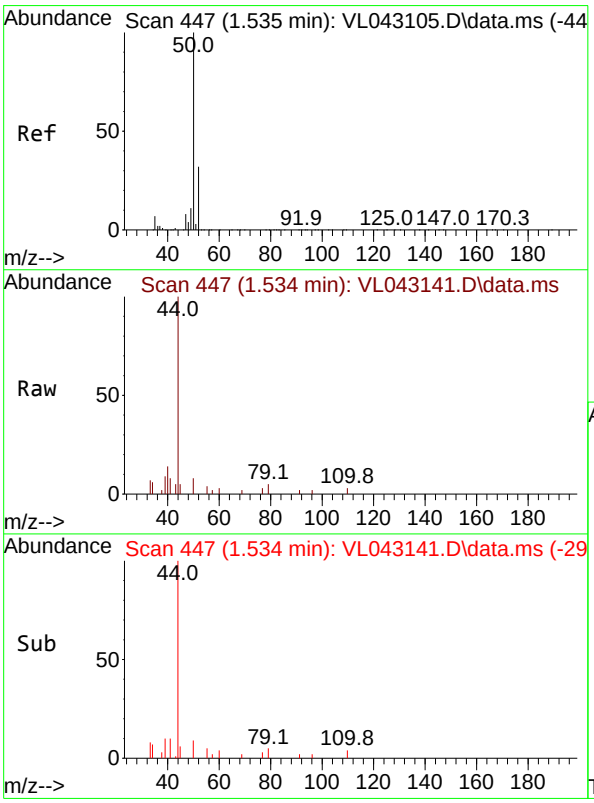
#3
Chlorodifluoromethane
Concen: 0.003 ppbv
RT: 1.483 min Scan# 4
Delta R.T. 0.006 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 51 Resp: 57

Ion	Ratio	Lower	Upper
51	100		
67	184.2	15.1	22.7#

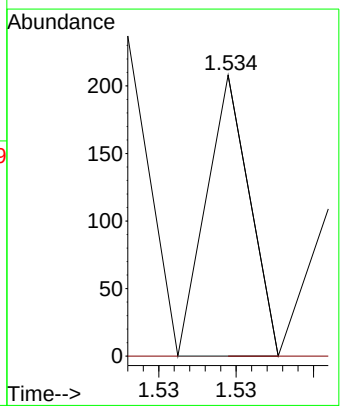


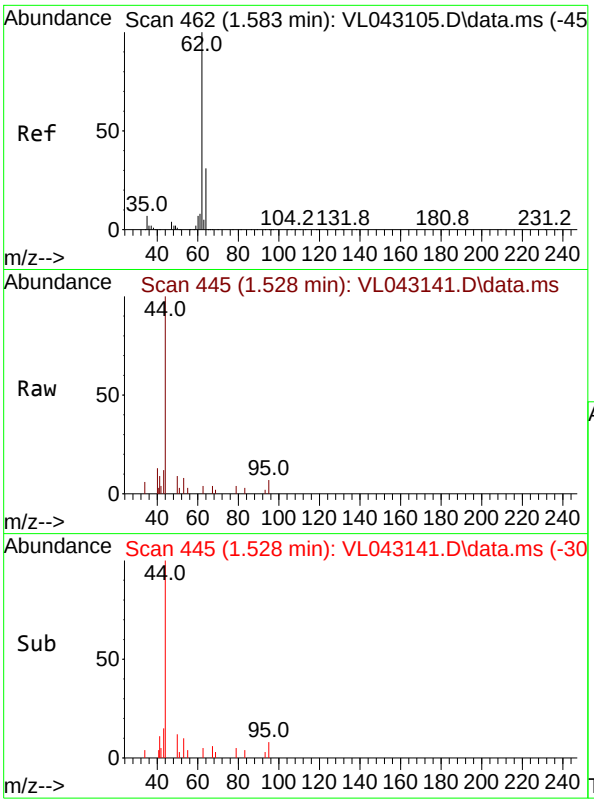


#4
Chloromethane
Concen: 0.006 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 50 Resp: 40

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.2	37.8#



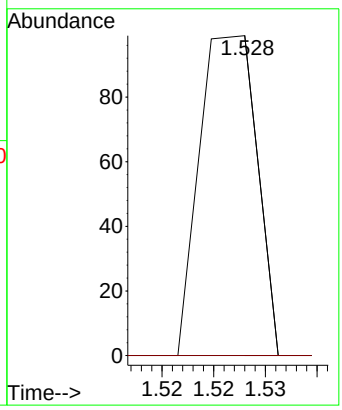


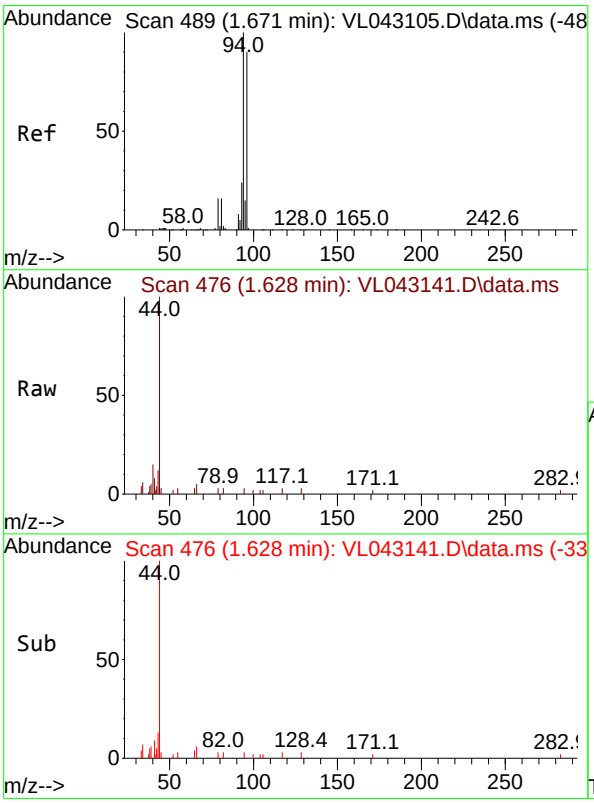
#5
Vinyl Chloride
Concen: 0.006 ppbv
RT: 1.528 min Scan# 44
Delta R.T. -0.055 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 62 Resp: 38

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.6	36.8#

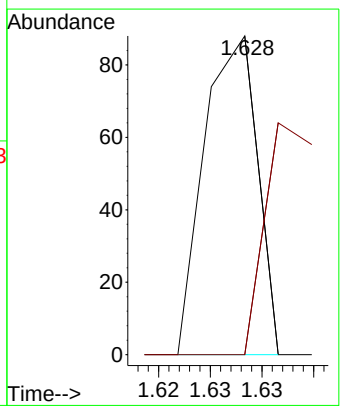


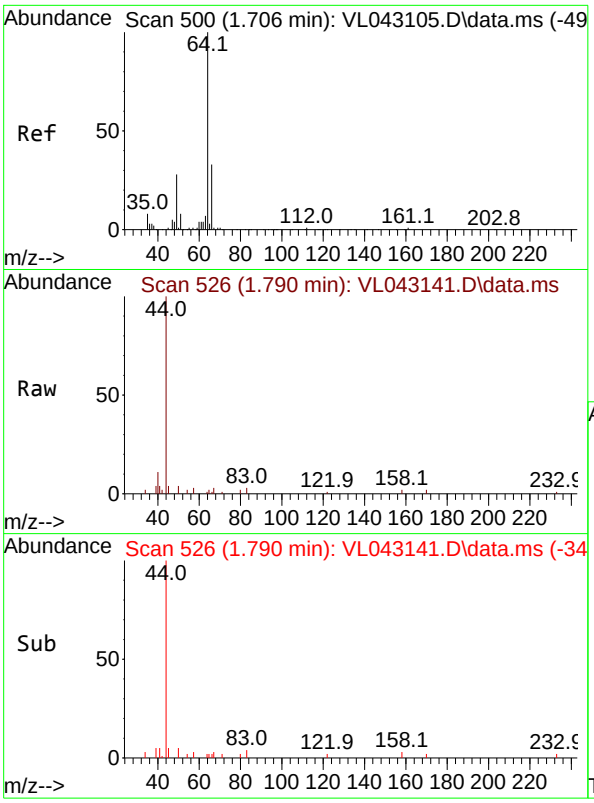


#6
Bromomethane
Concen: 0.009 ppbv
RT: 1.628 min Scan# 476
Delta R.T. -0.042 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 94 Resp: 31

Ion	Ratio	Lower	Upper
94	100		
96	0.0	72.2	108.4#



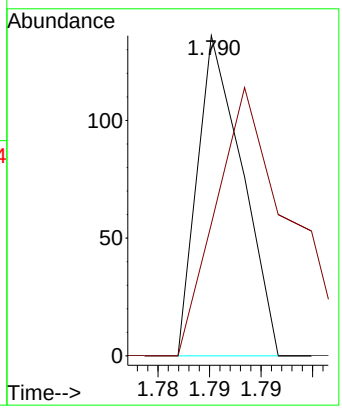


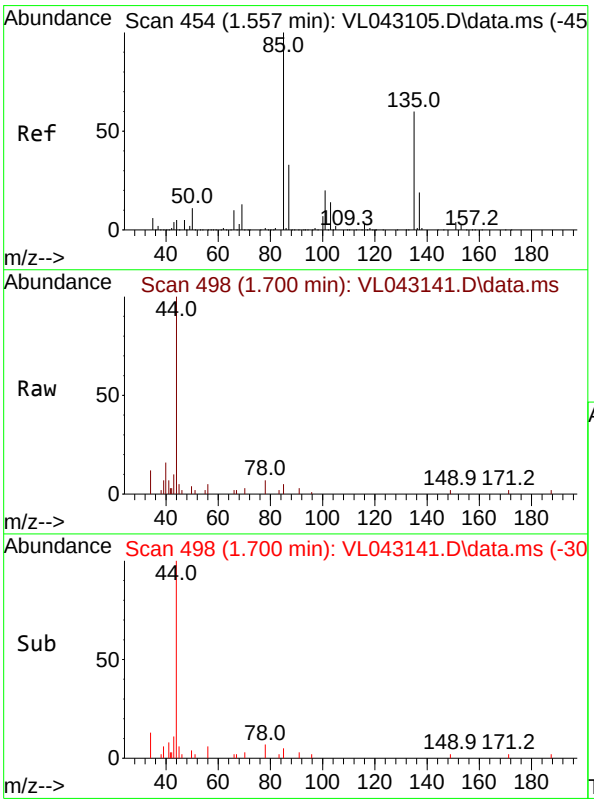
#7
Chloroethane
Concen: 0.015 ppbv
RT: 1.790 min Scan# 5
Delta R.T. 0.084 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 64 Resp: 41

Ion	Ratio	Lower	Upper
64	100		
66	41.2	26.0	39.0#

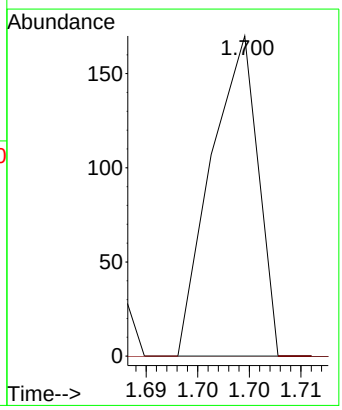


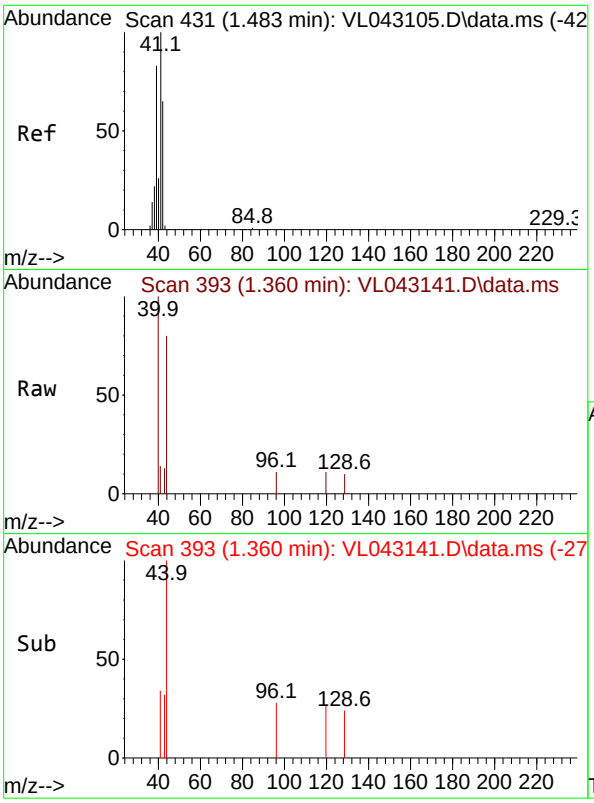


#8
Dichlorotetrafluoroethane
Concen: 0.004 ppbv
RT: 1.700 min Scan# 498
Delta R.T. 0.142 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 85 Resp: 54

Ion	Ratio	Lower	Upper
85	100		
135	64.8	48.2	72.4



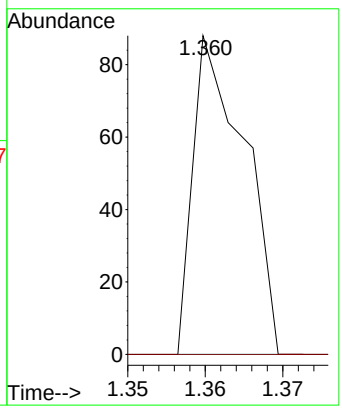


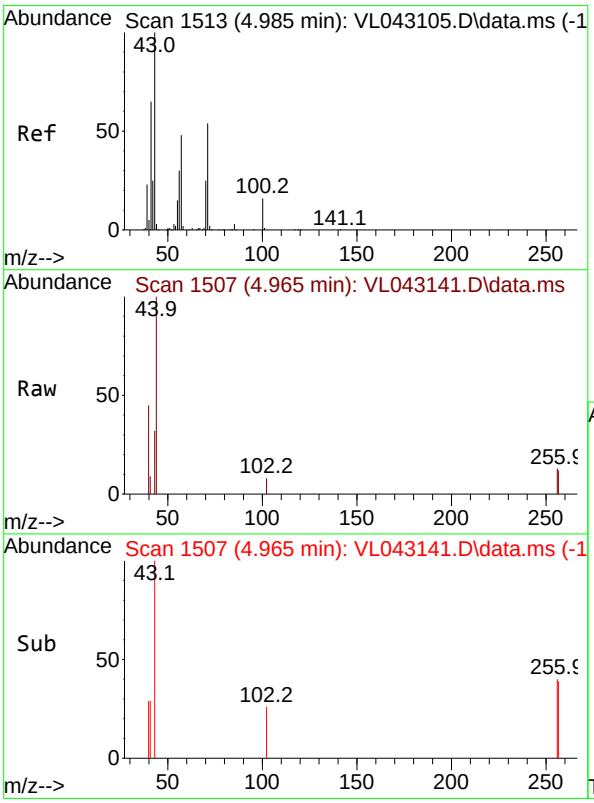
#9
Propene
Concen: 0.005 ppbv
RT: 1.360 min Scan# 3
Delta R.T. -0.123 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 41 Resp: 41

Ion	Ratio	Lower	Upper
41	100		
42	73.2	55.1	82.7

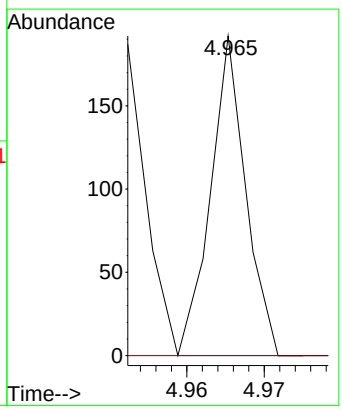


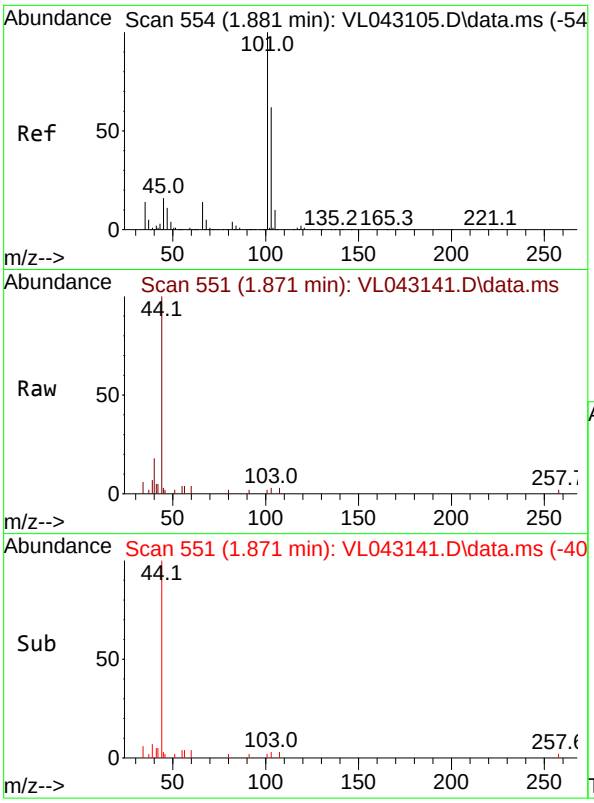


#10
Heptane
Concen: 0.003 ppbv
RT: 4.965 min Scan# 1507
Delta R.T. -0.020 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 43 Resp: 61

Ion	Ratio	Lower	Upper
43	100		
57	0.0	40.8	61.2#



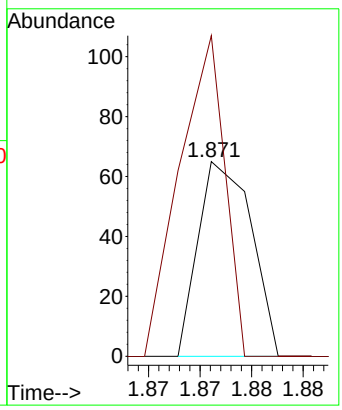


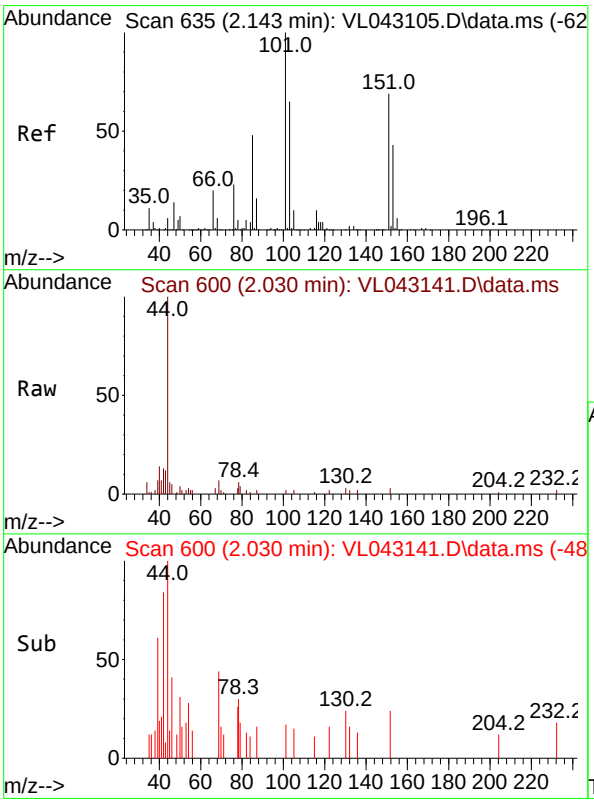
#11
Trichlorofluoromethane
Concen: 0.001 ppbv
RT: 1.871 min Scan# 5
Delta R.T. -0.010 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion:101 Resp: 23

Ion	Ratio	Lower	Upper
101	100		
103	164.6	49.3	73.9#

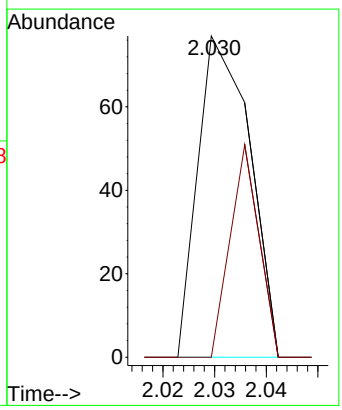


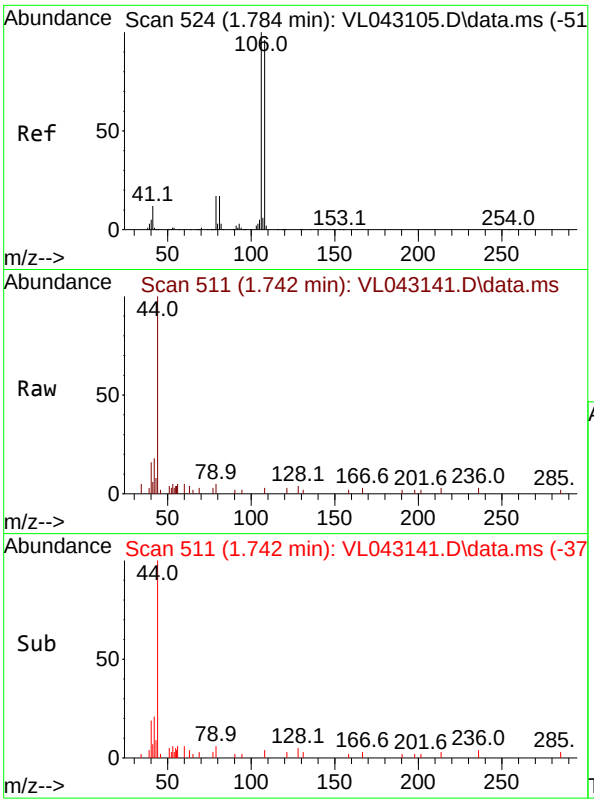


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.002 ppbv
RT: 2.030 min Scan# 600
Delta R.T. -0.113 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:101 Resp: 27

Ion	Ratio	Lower	Upper
101	100		
151	37.0	54.7	82.1#



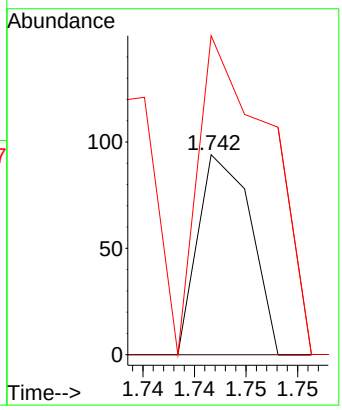


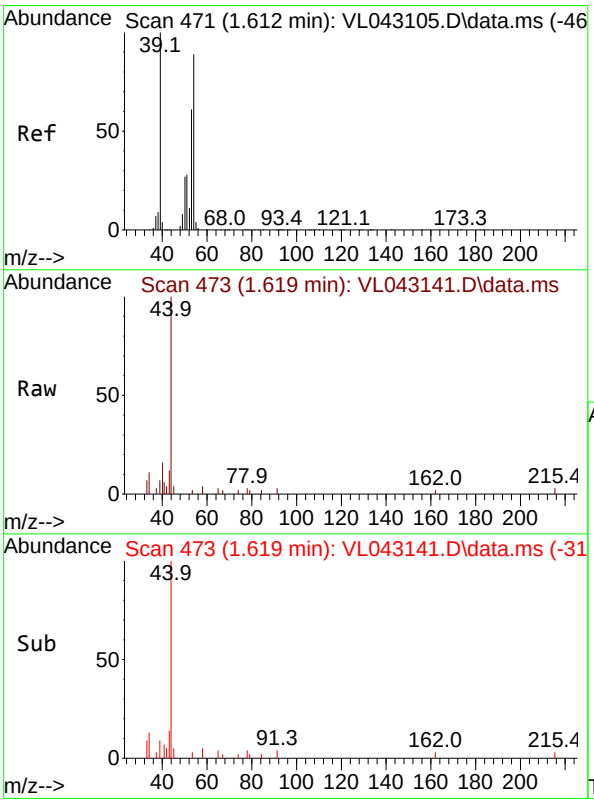
#14
Bromoethene
Concen: 0.007 ppbv
RT: 1.742 min Scan# 5
Delta R.T. -0.042 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion:108 Resp: 33

Ion	Ratio	Lower	Upper
108	100		
106	0.0	84.4	126.6#
79	551.5	15.3	22.9#

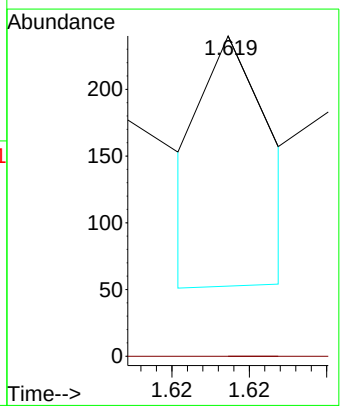


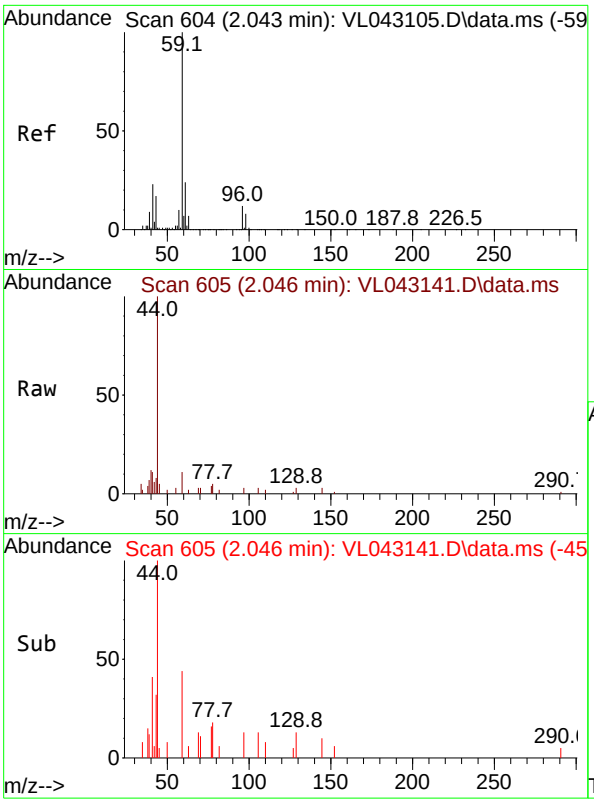


#16
1,3-Butadiene
Concen: 0.008 ppbv
RT: 1.619 min Scan# 473
Delta R.T. 0.006 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 39 Resp: 57

Ion	Ratio	Lower	Upper
39	100		
54	0.0	59.0	88.4#



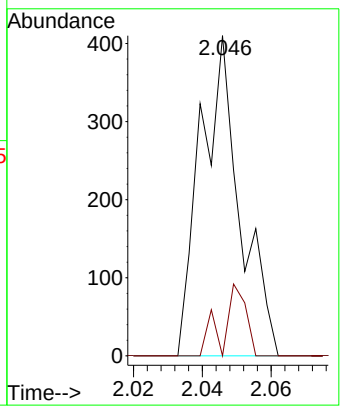


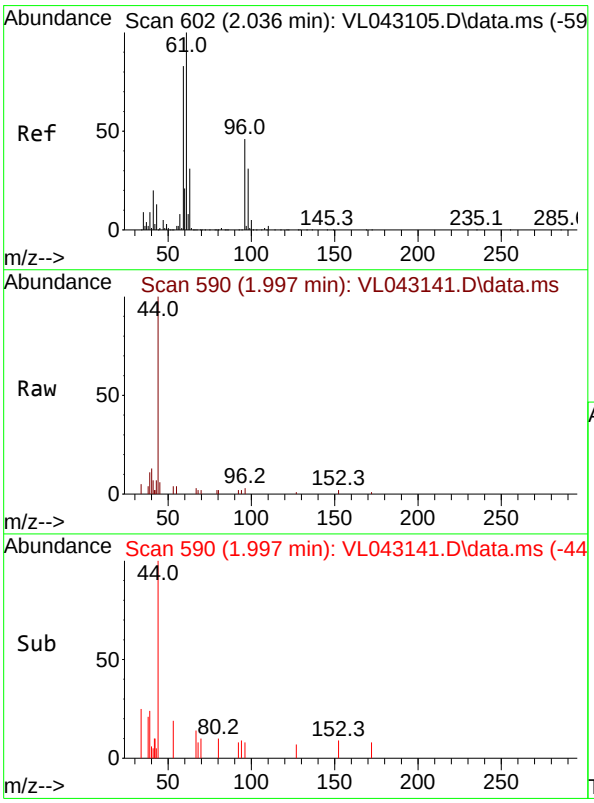
#17
tert-Butyl alcohol
Concen: 0.015 ppbv
RT: 2.046 min Scan# 6
Delta R.T. 0.003 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 59 Resp: 327

Ion	Ratio	Lower	Upper
59	100		
57	13.1	8.2	12.4#

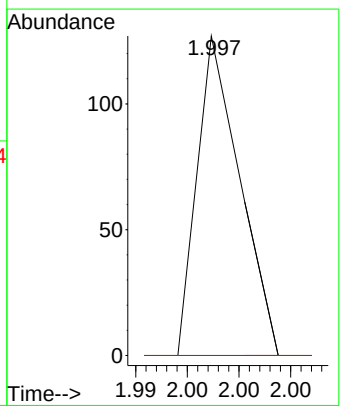


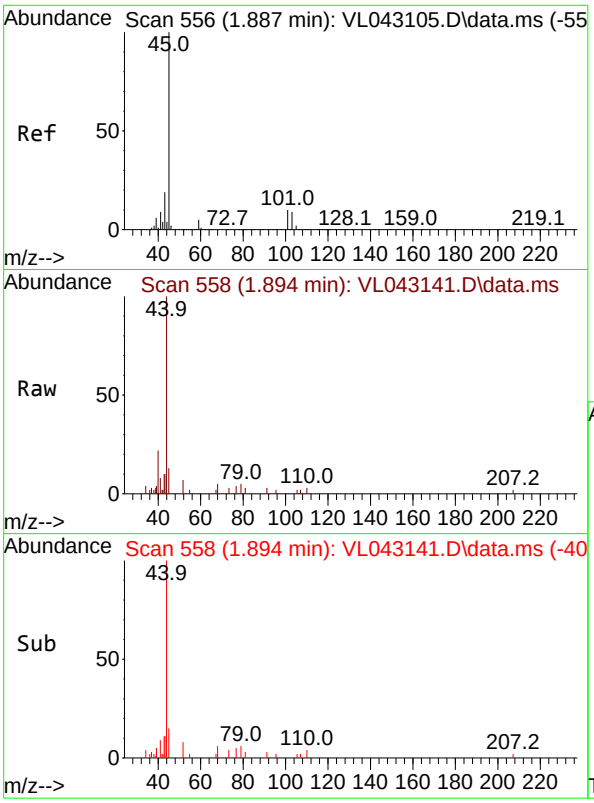


#18
1,1-Dichloroethene
Concen: 0.006 ppbv
RT: 1.997 min Scan# 590
Delta R.T. -0.039 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 96 Resp: 36

Ion	Ratio	Lower	Upper
96	100		
61	0.0	173.4	260.0#
98	0.0	53.2	79.8#



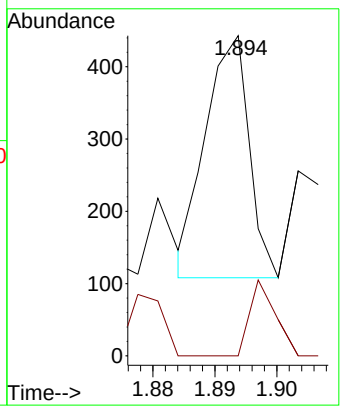


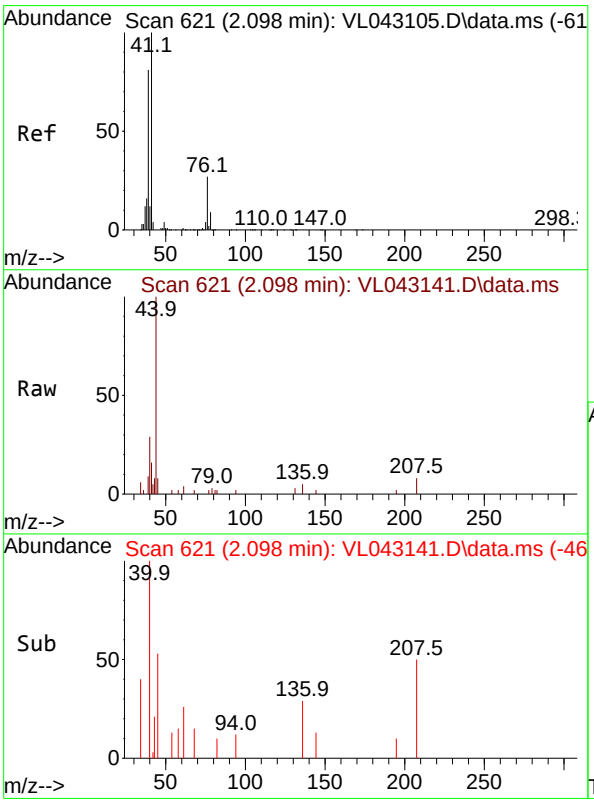
#19
Isopropyl Alcohol
Concen: 0.017 ppbv
RT: 1.894 min Scan# 5
Delta R.T. 0.006 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 45 Resp: 164

Ion	Ratio	Lower	Upper
45	100		
58	1046.3	31.3	46.9#

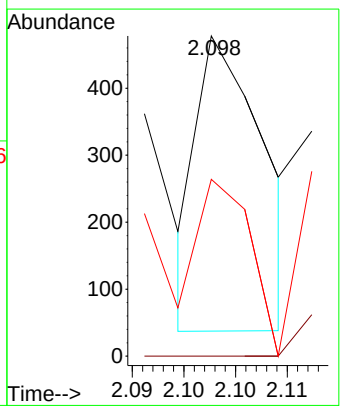


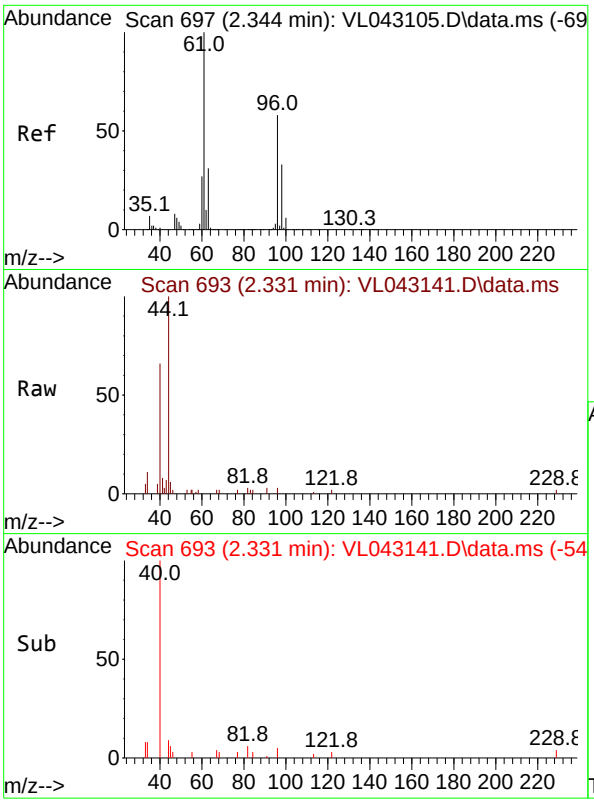


#21
Allyl Chloride
Concen: 0.017 ppbv
RT: 2.098 min Scan# 621
Delta R.T. -0.000 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 41 Resp: 198

Ion	Ratio	Lower	Upper
41	100		
76	0.0	21.5	32.3#
39	0.0	60.8	91.2#



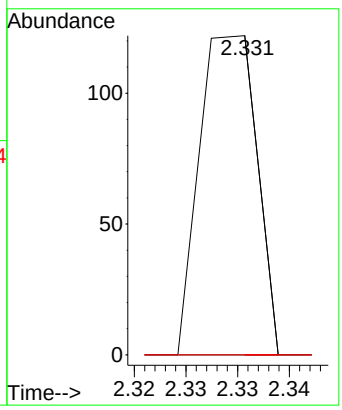


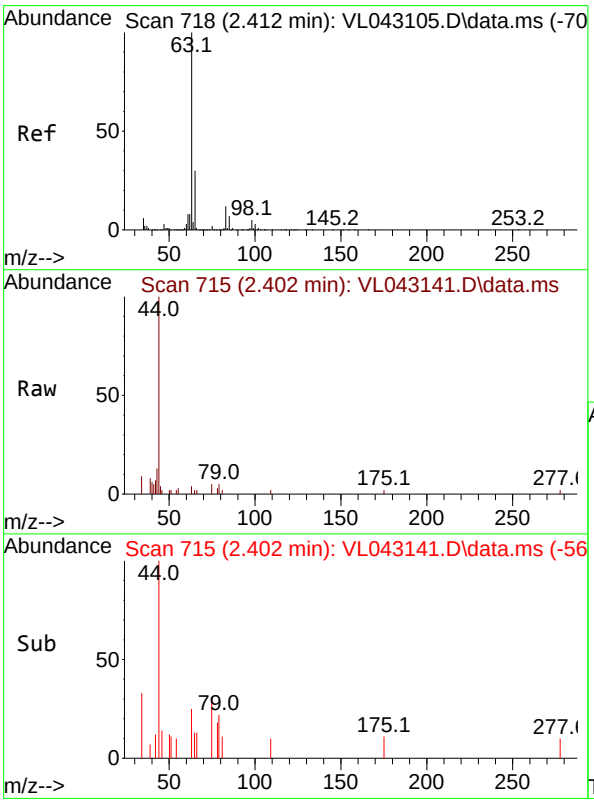
#22
trans-1,2-Dichloroethene
Concen: 0.007 ppbv
RT: 2.331 min Scan# 6
Delta R.T. -0.013 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 96 Resp: 47

Ion	Ratio	Lower	Upper
96	100		
61	0.0	137.0	205.6#
98	0.0	45.5	68.3#

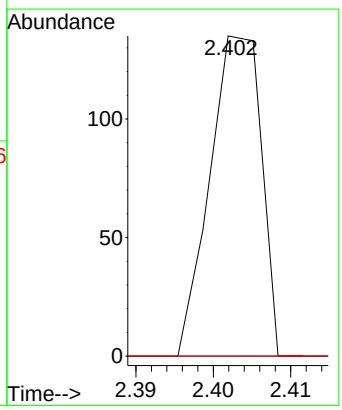


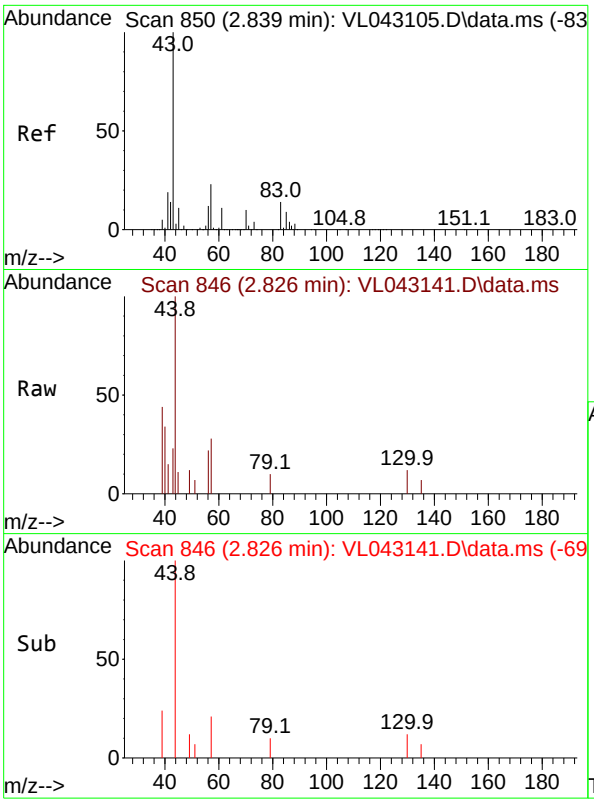


#24
1,1-Dichloroethane
Concen: 0.005 ppbv
RT: 2.402 min Scan# 715
Delta R.T. -0.010 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 63 Resp: 62

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.6	7.8#
100	0.0	1.5	4.4#



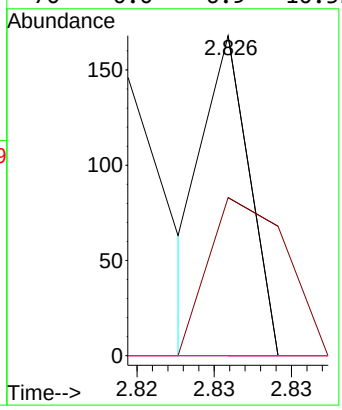


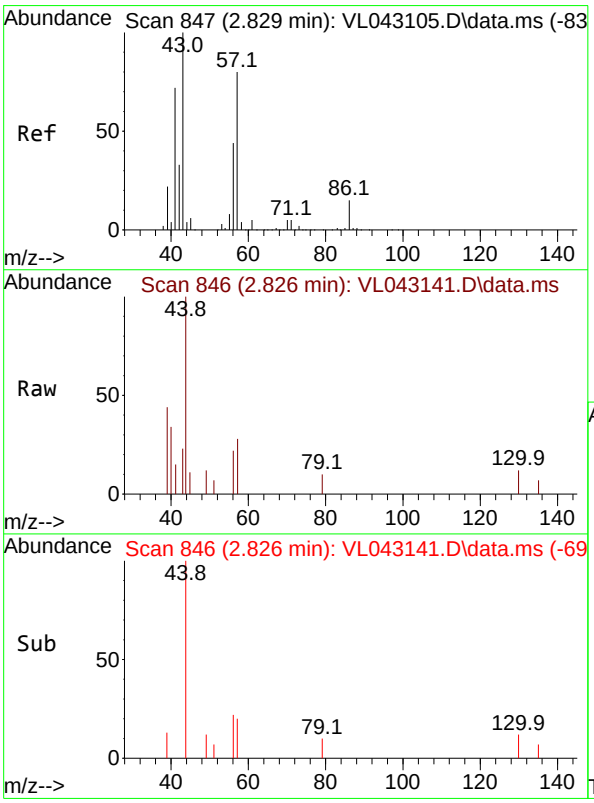
#25
Ethyl Acetate
Concen: 0.001 ppbv
RT: 2.826 min Scan# 84
Delta R.T. -0.013 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 43 Resp: 33

Ion	Ratio	Lower	Upper
43	100		
45	327.3	7.8	11.8#
61	0.0	7.0	10.6#
70	0.0	6.9	10.3#

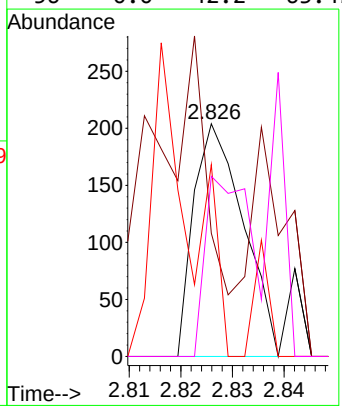


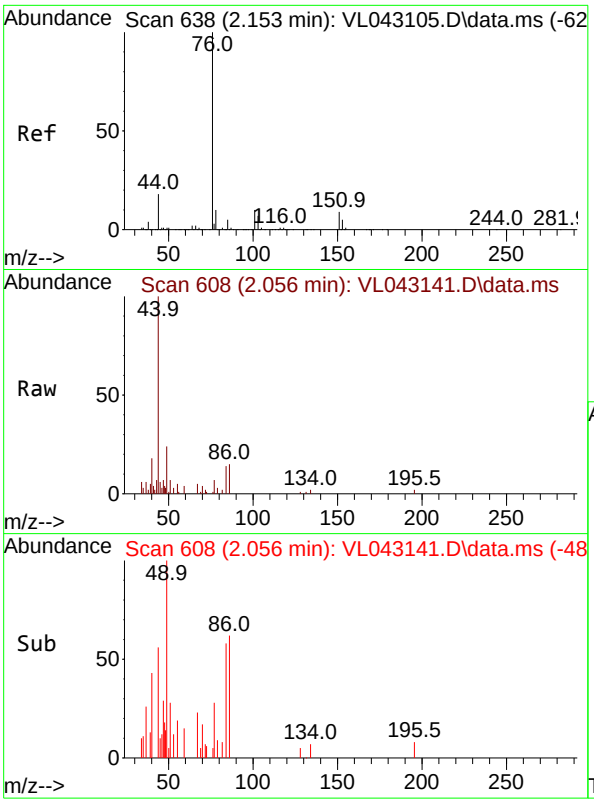


#26
Hexane
Concen: 0.007 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 57 Resp: 136

Ion	Ratio	Lower	Upper
57	100		
41	227.9	71.4	107.0#
43	343.4	178.5	267.7#
56	0.0	42.2	63.4#



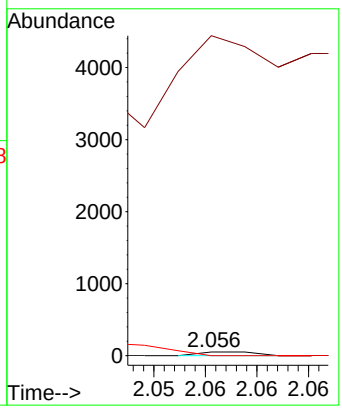


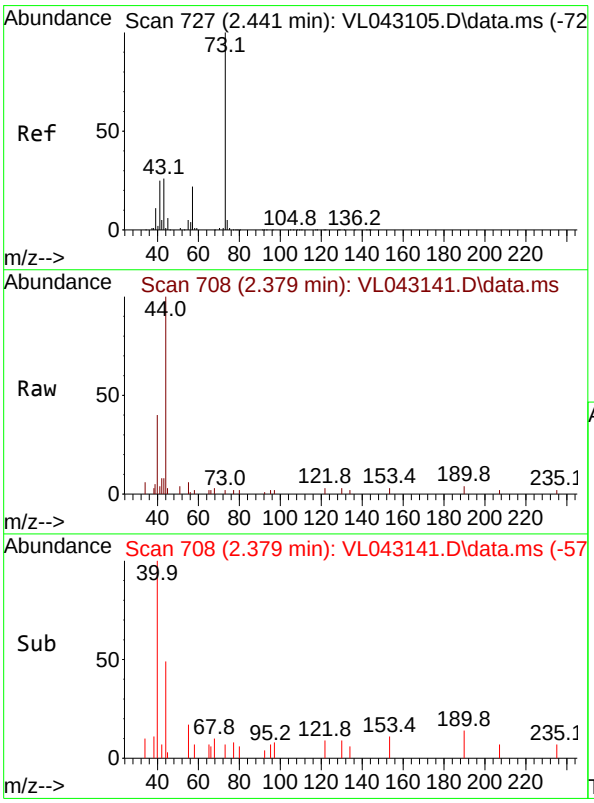
#27
Carbon Disulfide
Concen: 0.001 ppbv
RT: 2.056 min Scan# 6
Delta R.T. -0.097 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 76 Resp: 20

Ion	Ratio	Lower	Upper
76	100		
44	34115.0	16.7	25.1#
78	0.0	9.3	13.9#

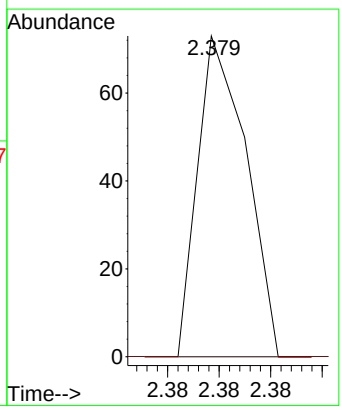


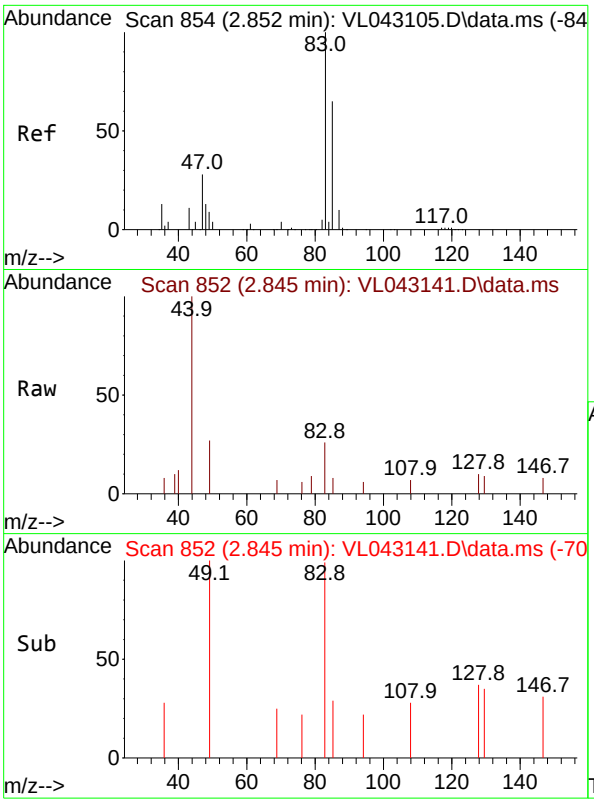


#28
Methyl tert-Butyl Ether
Concen: 0.003 ppbv
RT: 2.379 min Scan# 708
Delta R.T. -0.062 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 73 Resp: 24

Ion	Ratio	Lower	Upper
73	100		
57	712.5	20.5	30.7#



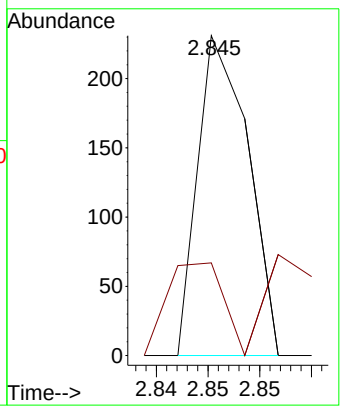


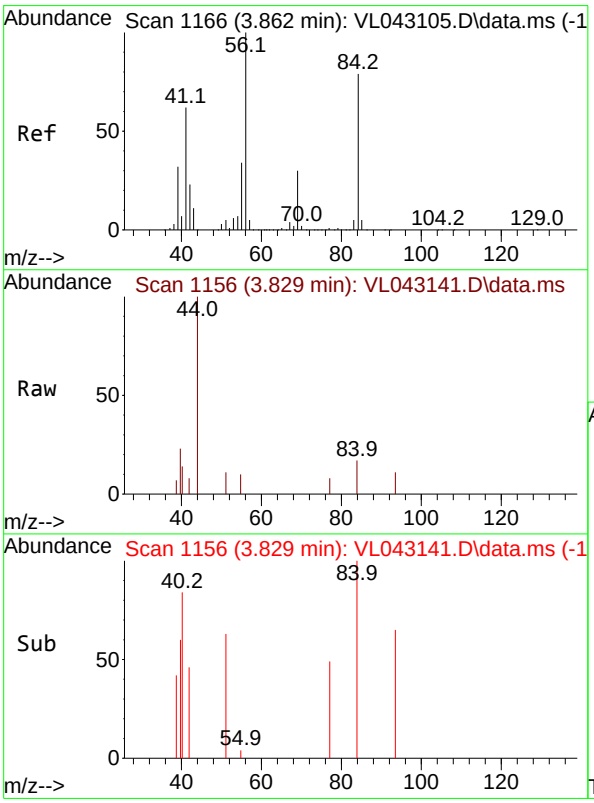
#29
Chloroform
Concen: 0.003 ppbv
RT: 2.845 min Scan# 8
Delta R.T. -0.007 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 83 Resp: 78

Ion	Ratio	Lower	Upper
83	100		
85	0.9	51.8	77.6#

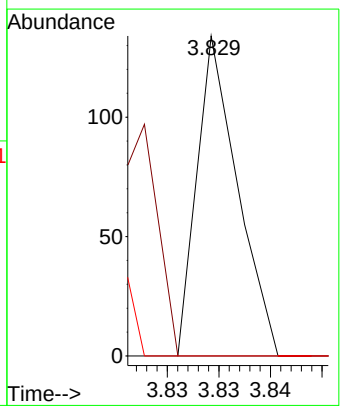


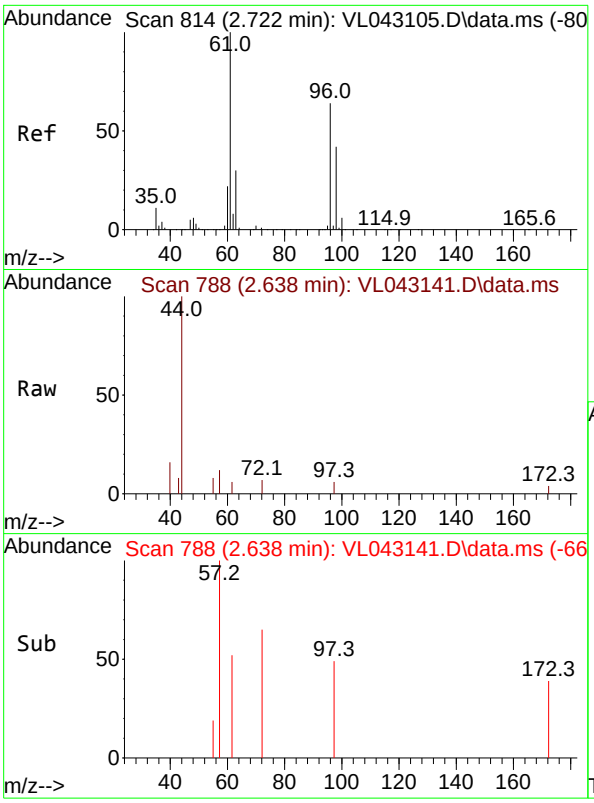


#30
Cyclohexane
Concen: 0.002 ppbv
RT: 3.829 min Scan# 1156
Delta R.T. -0.032 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 84 Resp: 37

Ion	Ratio	Lower	Upper
84	100		
56	0.0	100.9	151.3#
41	0.0	63.8	95.6#



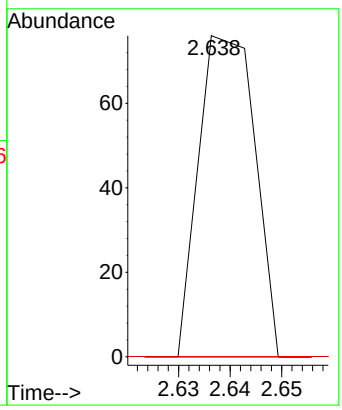


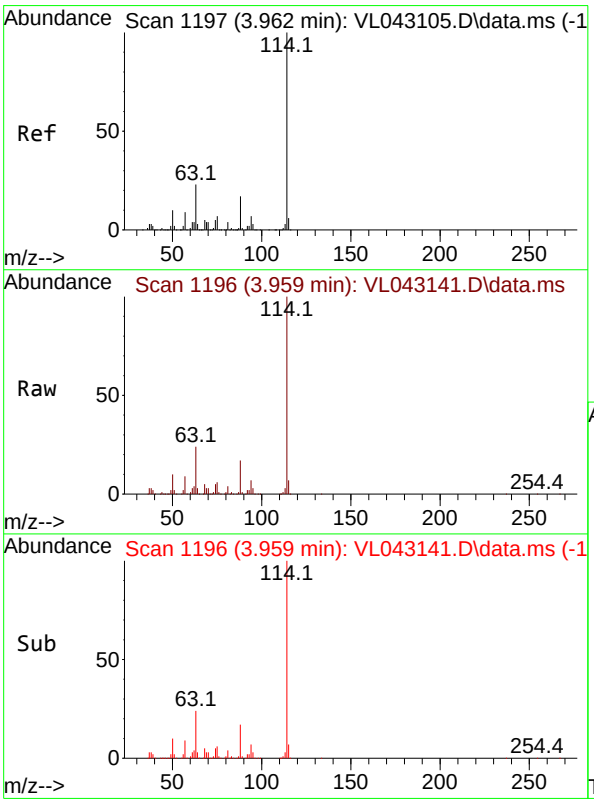
#31
cis-1,2-Dichloroethene
Concen: 0.002 ppbv
RT: 2.638 min Scan# 7
Delta R.T. -0.084 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 61 Resp: 29

Ion	Ratio	Lower	Upper
61	100		
96	0.0	51.0	76.6#
98	0.0	33.5	50.3#

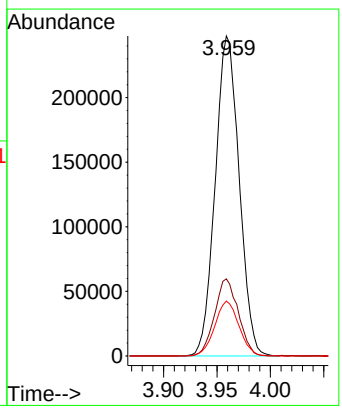


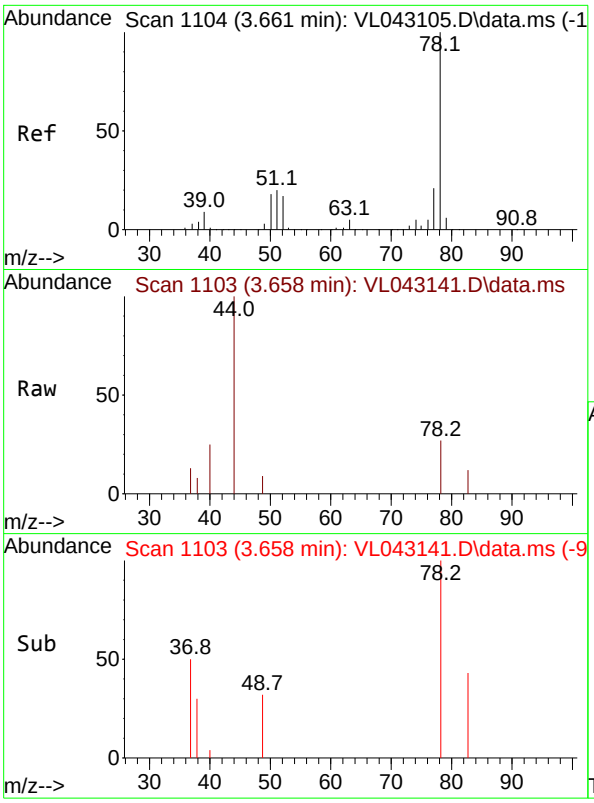


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.003 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:114 Resp: 386858

Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.3	28.9
88	17.3	13.9	20.9



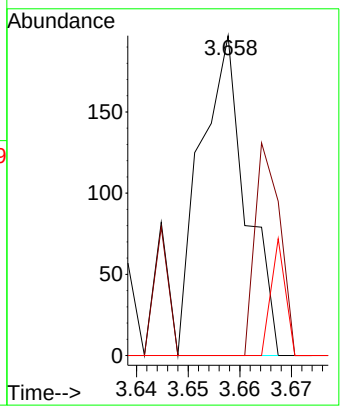


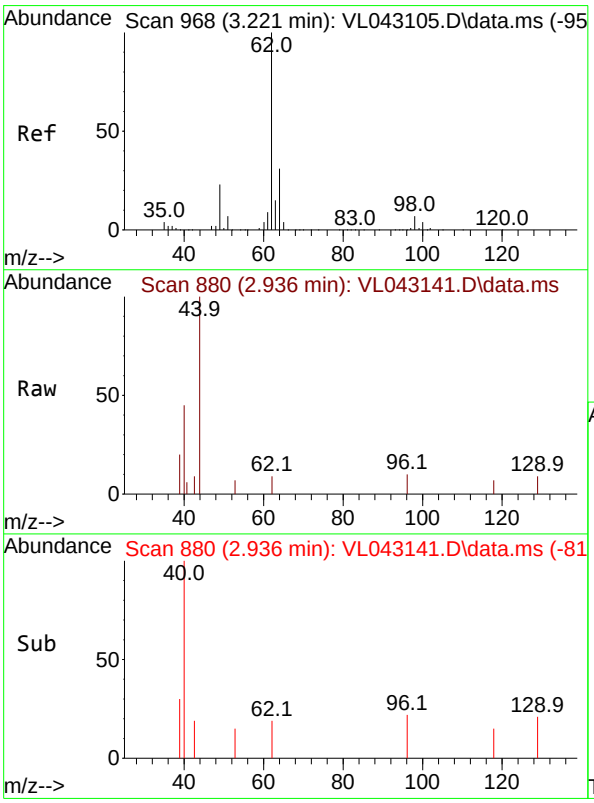
#36
Benzene
Concen: 0.003 ppbv
RT: 3.658 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 78 Resp: 121

Ion	Ratio	Lower	Upper
78	100		
77	0.0	17.0	25.6#
50	0.0	14.6	22.0#

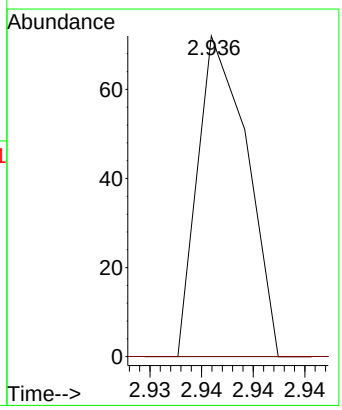


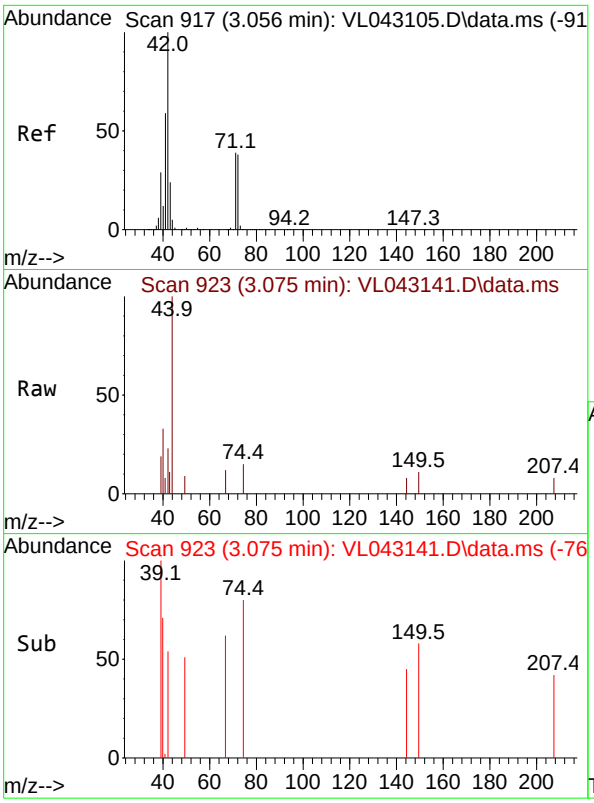


#37
1,2-Dichloroethane
Concen: 0.001 ppbv
RT: 2.936 min Scan# 880
Delta R.T. -0.285 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 62 Resp: 24

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.8	8.6#



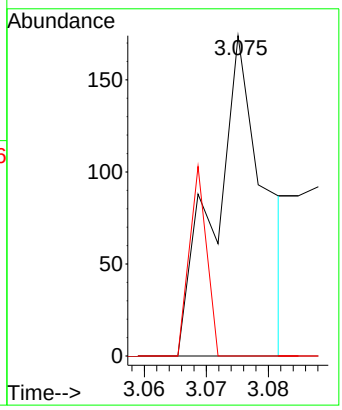


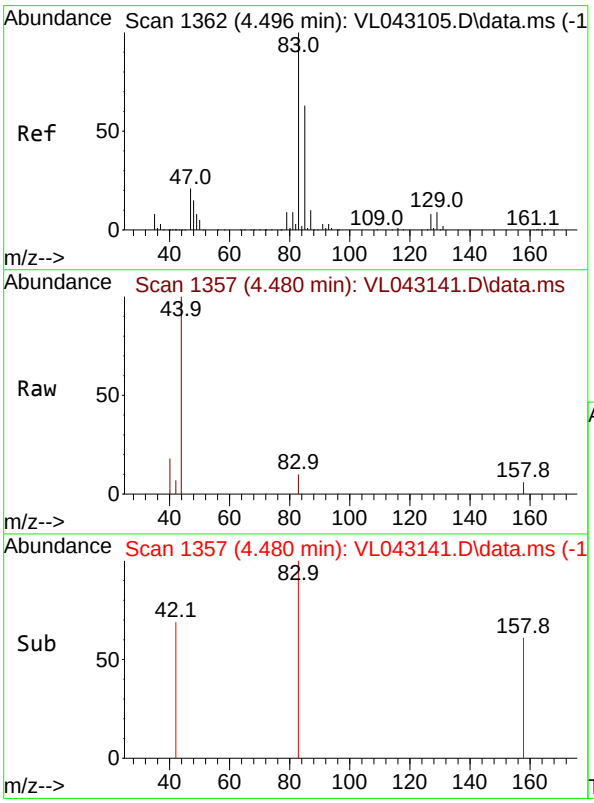
#41
Tetrahydrofuran
Concen: 0.007 ppbv
RT: 3.075 min Scan# 9
Delta R.T. 0.019 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 42 Resp: 98

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.3	46.9#
71	20.4	30.4	45.6#

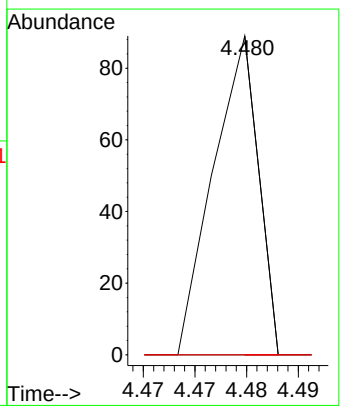


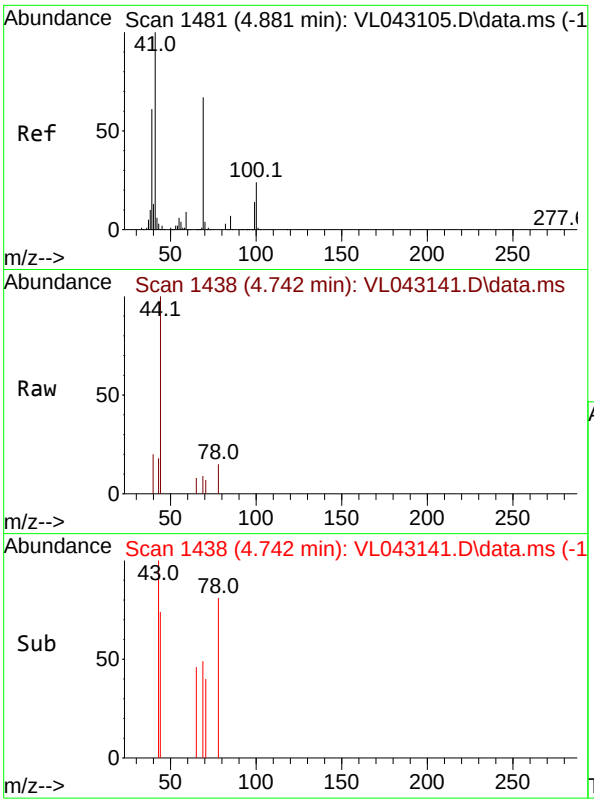


#42
Bromodichloromethane
Concen: 0.001 ppbv
RT: 4.480 min Scan# 1357
Delta R.T. -0.016 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 83 Resp: 27

Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.6	75.8#
127	0.0	6.3	9.5#



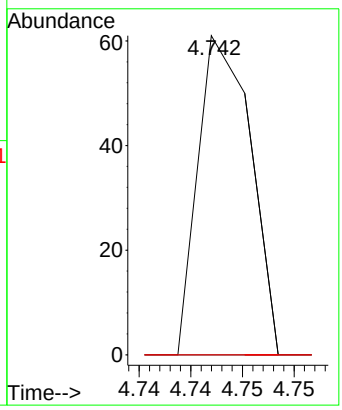


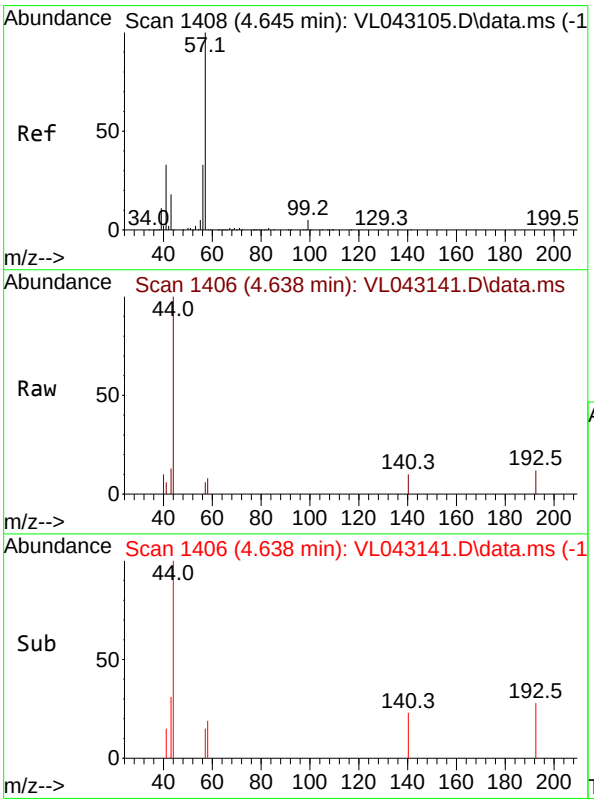
#43
Methyl Methacrylate
Concen: 0.001 ppbv
RT: 4.742 min Scan# 14
Delta R.T. -0.139 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 69 Resp: 22

Ion	Ratio	Lower	Upper
69	100		
41	313.6	120.5	180.7#
100	0.0	29.0	43.4#

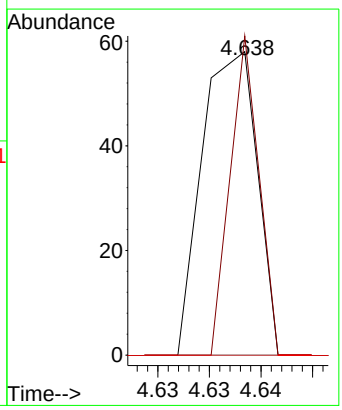


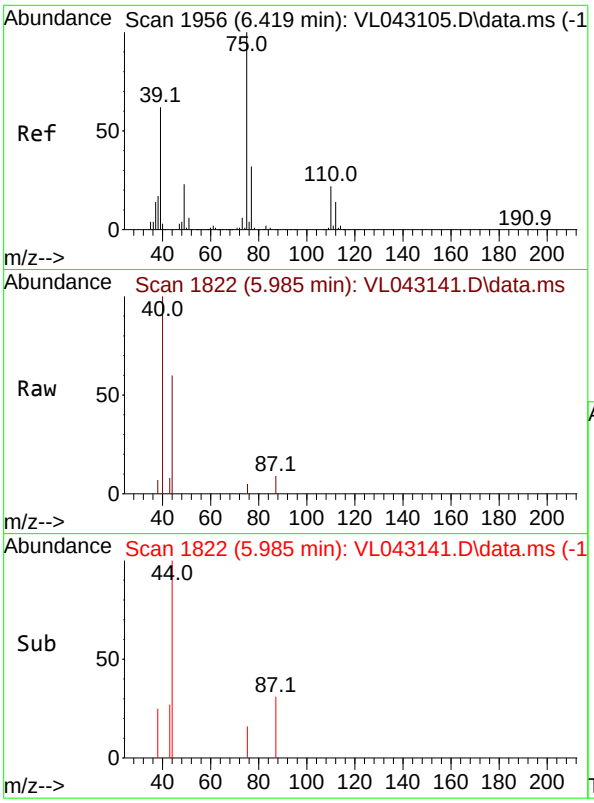


#44
2,2,4-Trimethylpentane
Concen: 0.000 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.007 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 57 Resp: 22

Ion	Ratio	Lower	Upper
57	100		
41	313.6	26.3	39.5#
56	236.4	25.9	38.9#



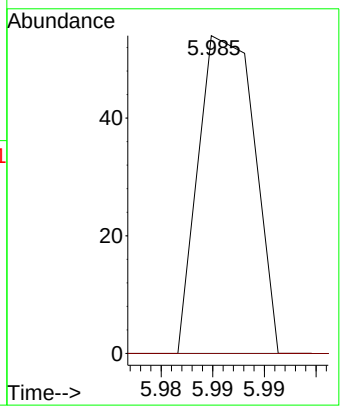


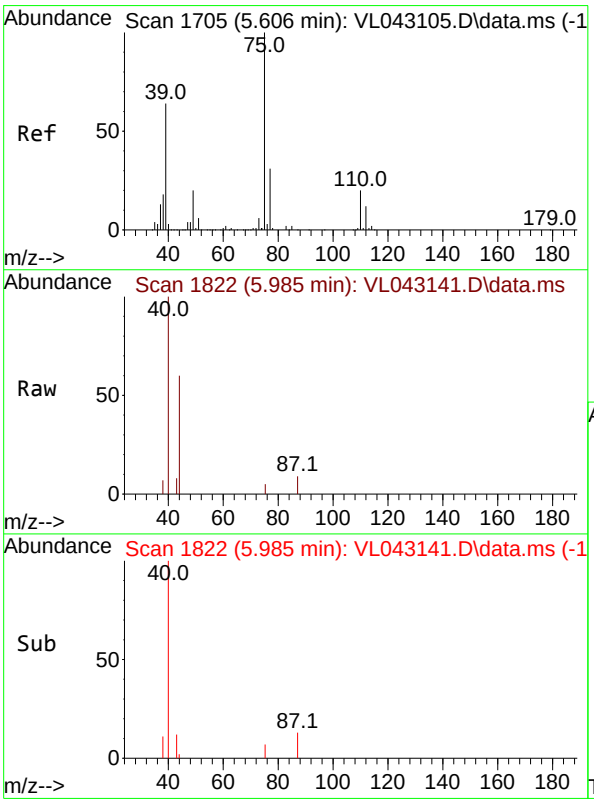
#45
t-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 5.985 min Scan# 1
Delta R.T. -0.434 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 75 Resp: 20

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#

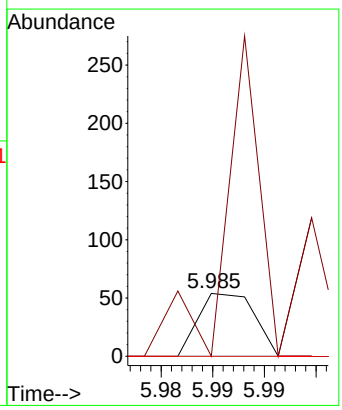


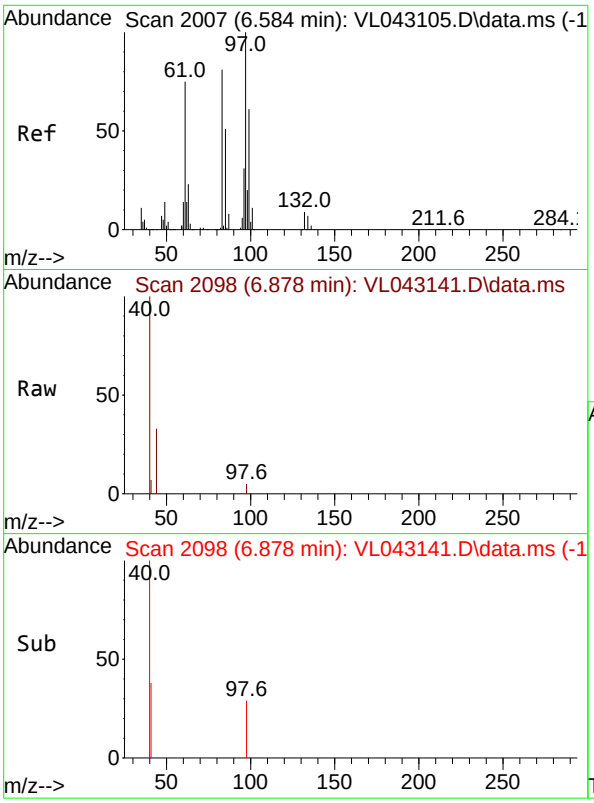


#46
cis-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 5.985 min Scan# 1822
Delta R.T. 0.379 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 75 Resp: 20

Ion	Ratio	Lower	Upper
75	100		
39	0.0	51.0	76.6#
77	0.0	25.0	37.4#



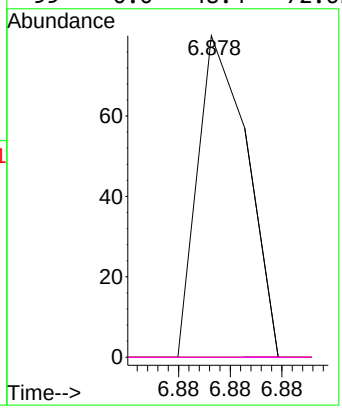


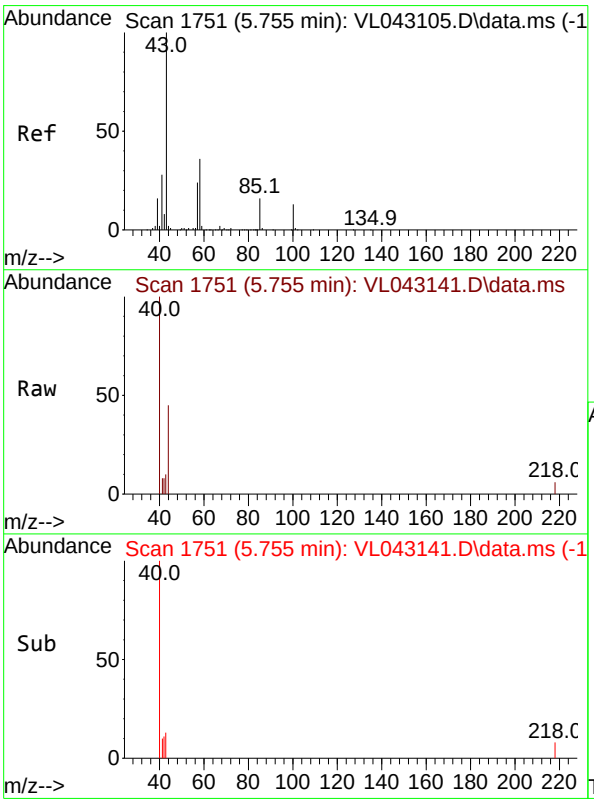
#47
1,1,2-Trichloroethane
Concen: 0.002 ppbv
RT: 6.878 min Scan# 2
Delta R.T. 0.294 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 97 Resp: 27

Ion	Ratio	Lower	Upper
97	100		
83	0.0	64.6	96.8#
85	0.0	40.6	60.8#
99	0.0	48.4	72.6#

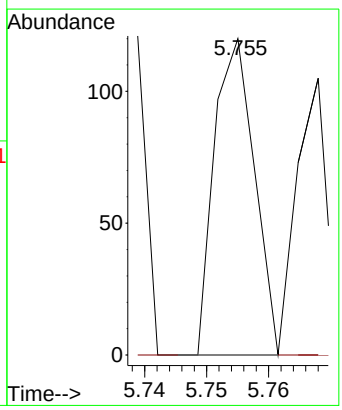


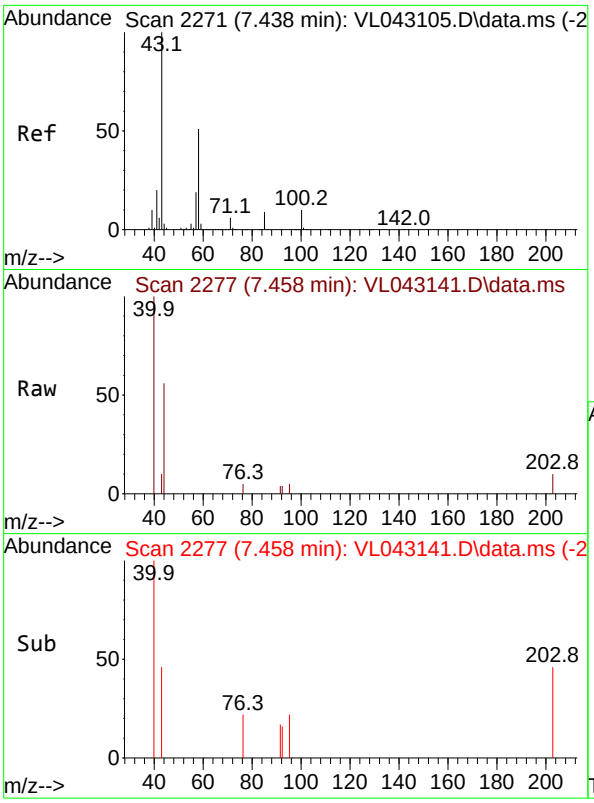


#50
4-Methyl-2-Pentanone
Concen: 0.002 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 43 Resp: 54

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.1	43.7#



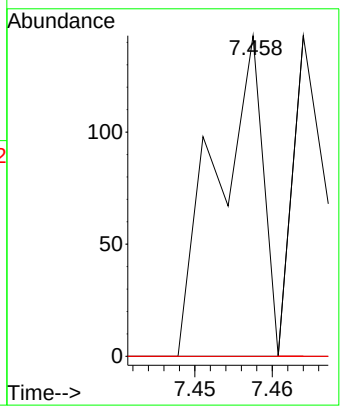


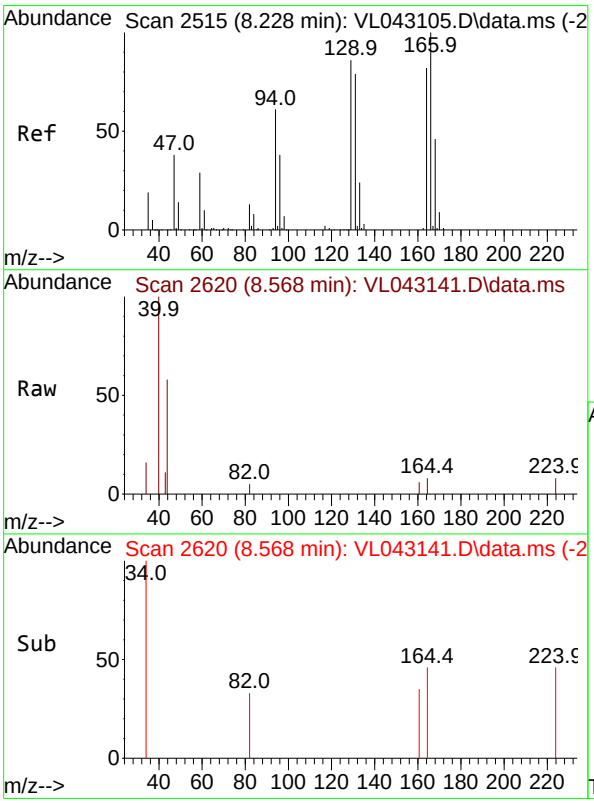
#51
2-Hexanone
Concen: 0.002 ppbv
RT: 7.458 min Scan# 2
Delta R.T. 0.019 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 43 Resp: 60

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.4	60.6#
98	0.0	0.1	0.1#

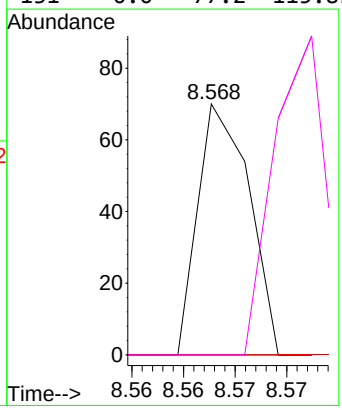


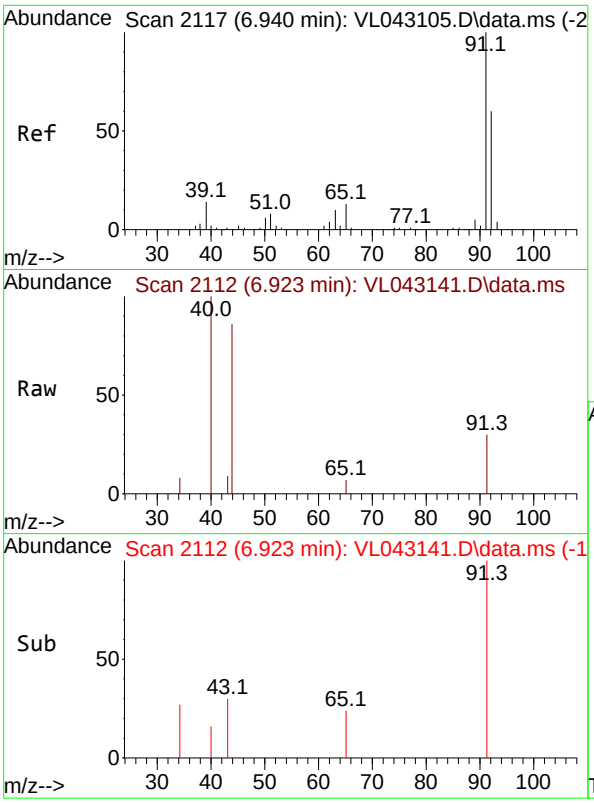


#52
Tetrachloroethene
Concen: 0.002 ppbv
RT: 8.568 min Scan# 2620
Delta R.T. 0.340 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:164 Resp: 24

Ion	Ratio	Lower	Upper
164	100		
166	0.0	97.6	146.4#
129	0.0	84.5	126.7#
131	0.0	77.2	115.8#



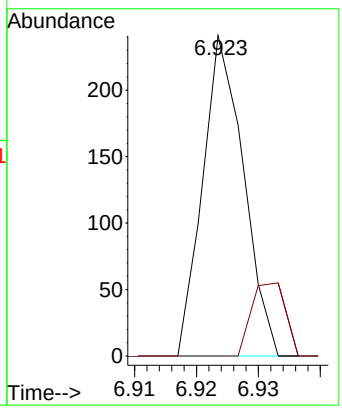


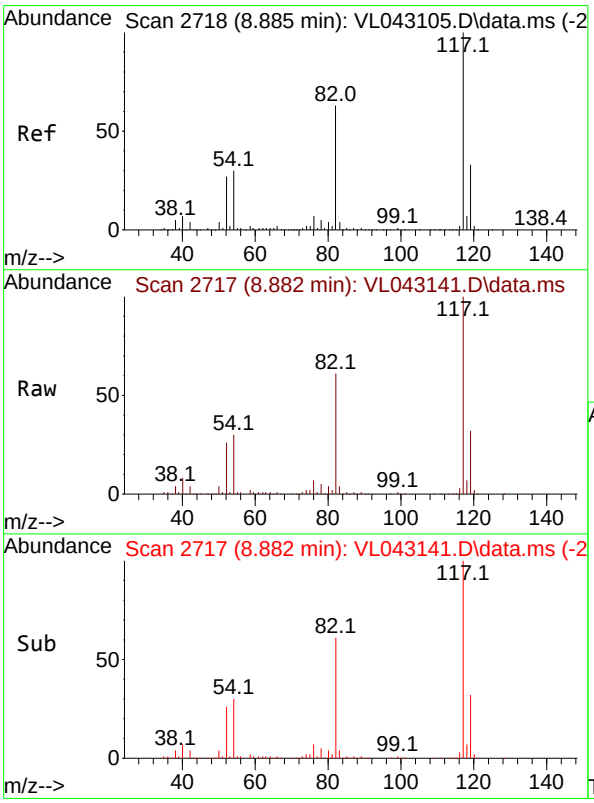
#53
Toluene
Concen: 0.003 ppbv
RT: 6.923 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 91 Resp: 110

Ion	Ratio	Lower	Upper
91	100		
92	19.1	48.8	73.2#

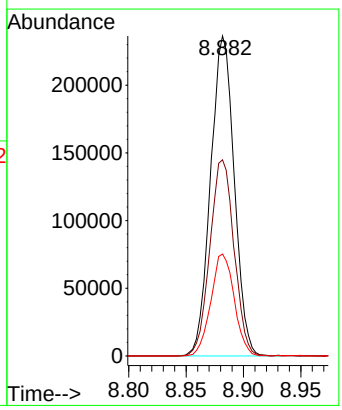


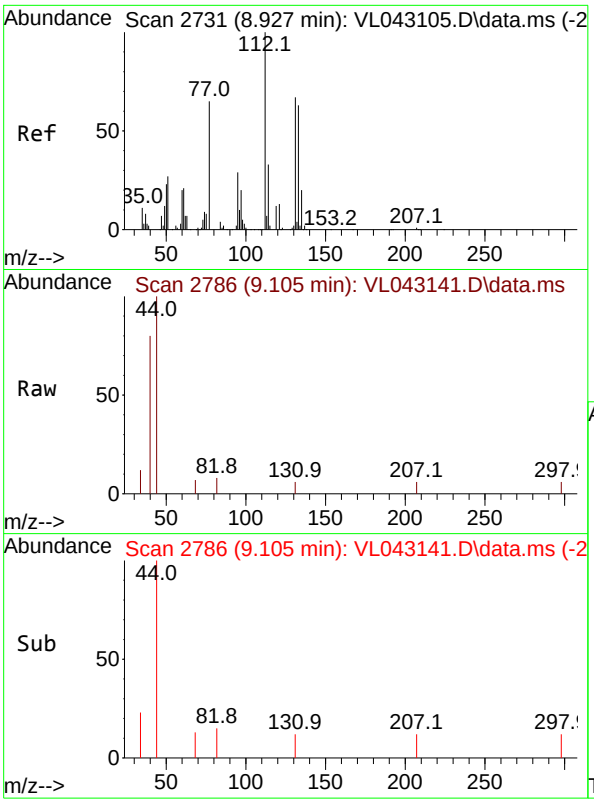


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. -0.003 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:117 Resp: 339091

Ion	Ratio	Lower	Upper
117	100		
82	62.7	53.8	80.8
119	31.5	25.4	38.0



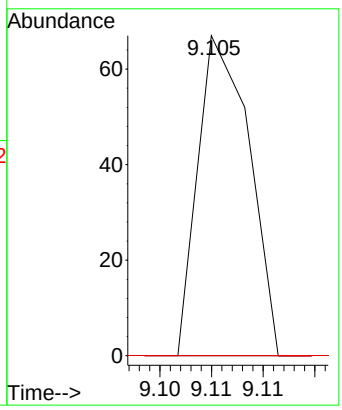


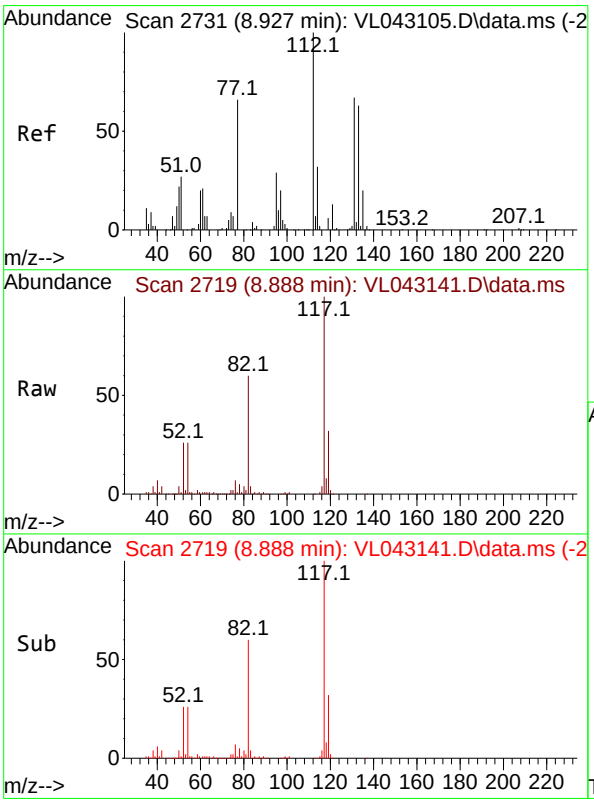
#56
1,1,1,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 9.105 min Scan# 2
Delta R.T. 0.178 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion:131 Resp: 23

Ion	Ratio	Lower	Upper
131	100		
133	0.0	75.7	113.5#
119	0.0	50.6	76.0#

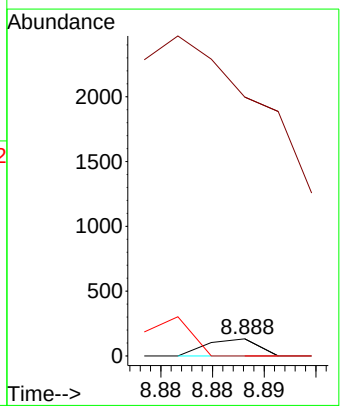


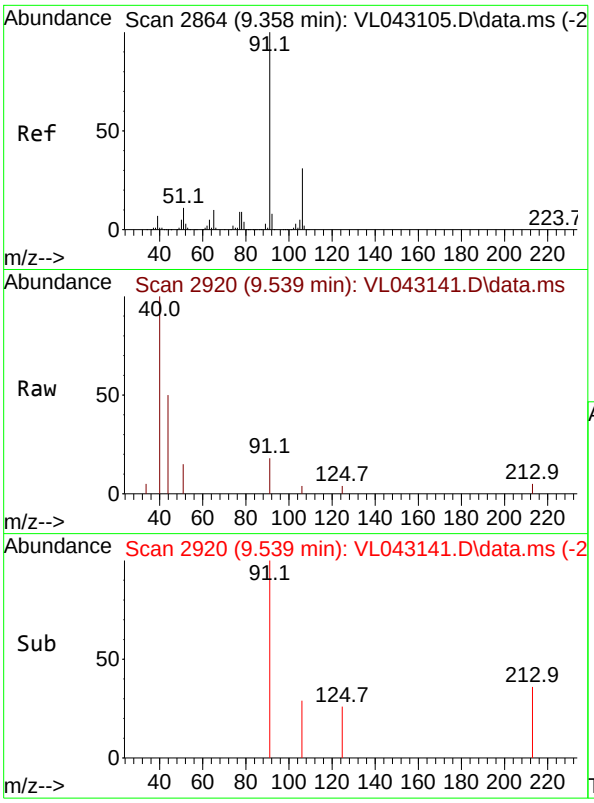


#57
Chlorobenzene
Concen: 0.001 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.039 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:112 Resp: 46

Ion	Ratio	Lower	Upper
112	100		
77	84.8	53.3	79.9#
114	0.0	29.3	35.8#



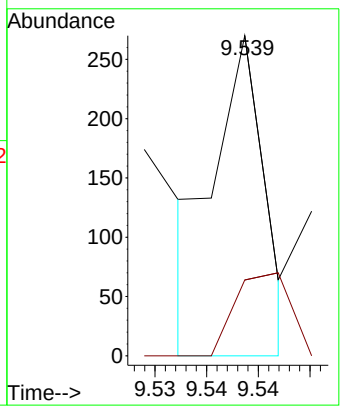


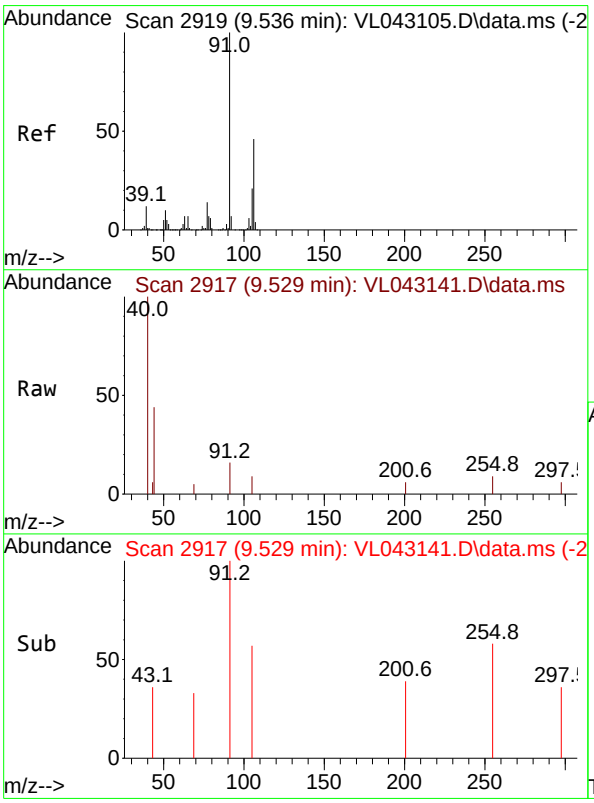
#58
Ethyl Benzene
Concen: 0.002 ppbv
RT: 9.539 min Scan# 2
Delta R.T. 0.181 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 91 Resp: 91

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.8	37.2

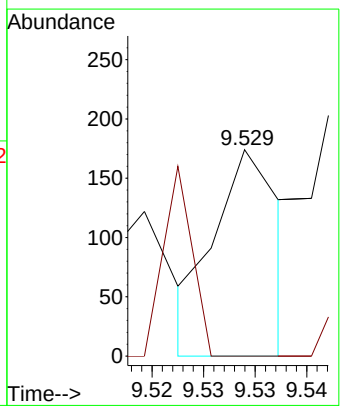


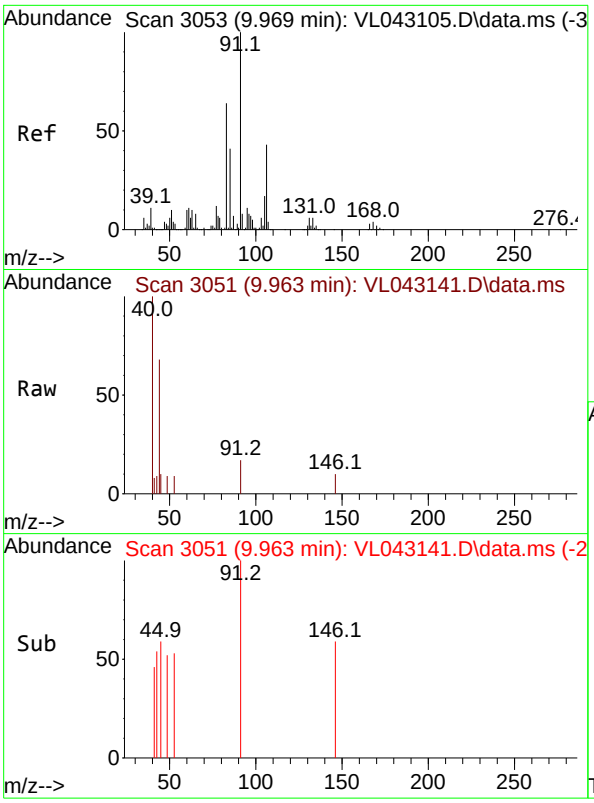


#59
m/p-Xylene
Concen: 0.002 ppbv
RT: 9.529 min Scan# 2917
Delta R.T. -0.007 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 91 Resp: 77

Ion	Ratio	Lower	Upper
91	100		
106	0.0	38.0	57.0#



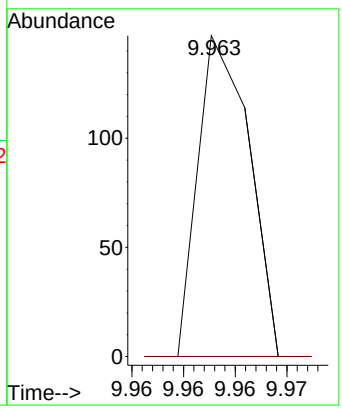


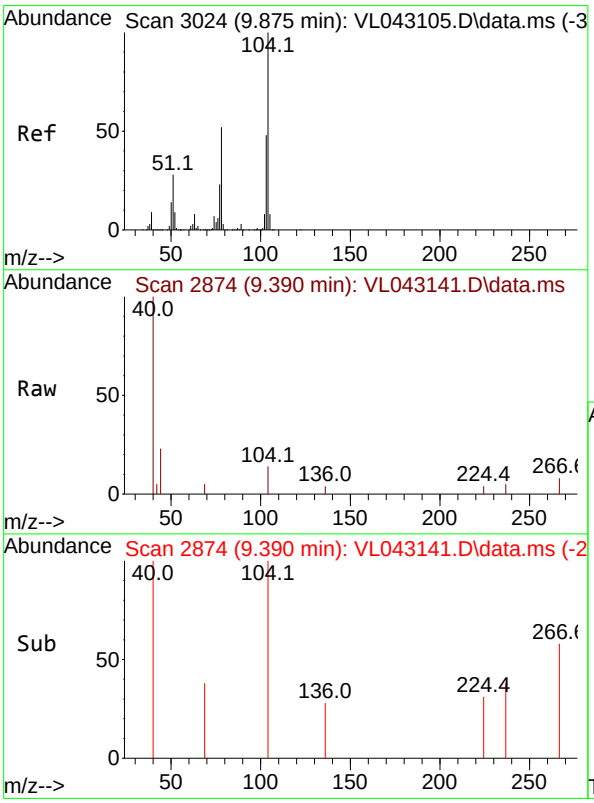
#60
o-Xylene
Concen: 0.001 ppbv
RT: 9.963 min Scan# 3
Delta R.T. -0.007 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 91 Resp: 51

Ion	Ratio	Lower	Upper
91	100		
106	0.0	21.9	65.8#

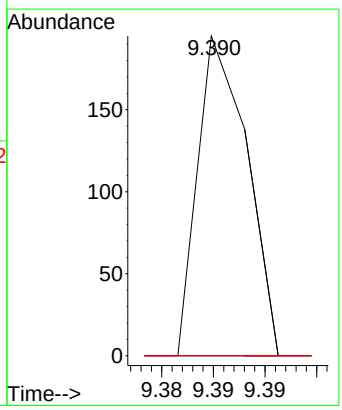


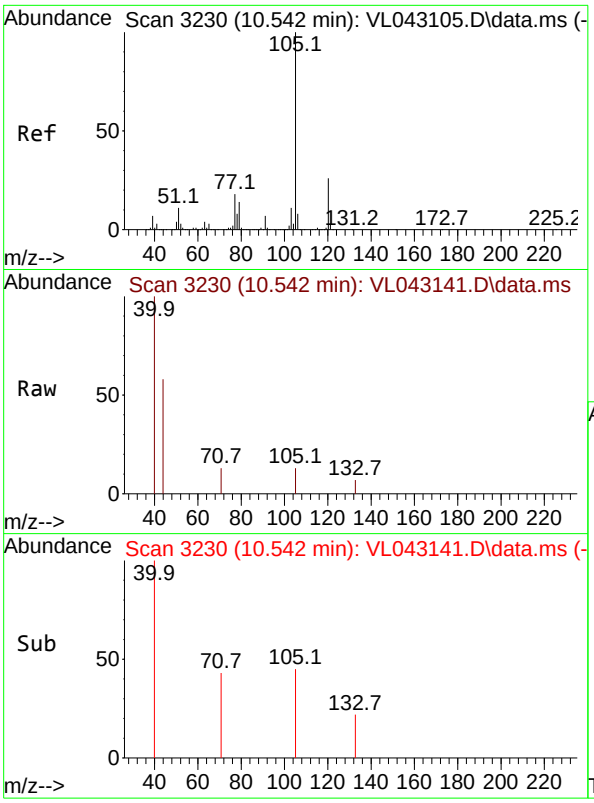


#61
Styrene
Concen: 0.003 ppbv
RT: 9.390 min Scan# 2874
Delta R.T. -0.486 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:104 Resp: 65

Ion	Ratio	Lower	Upper
104	100		
78	44.6	40.2	60.2
103	0.0	36.9	55.3#



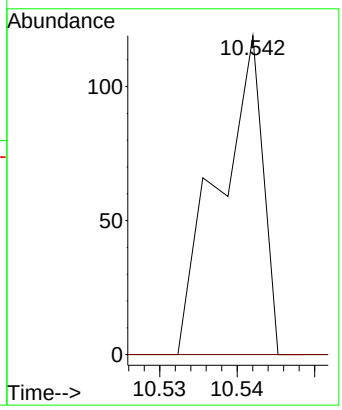


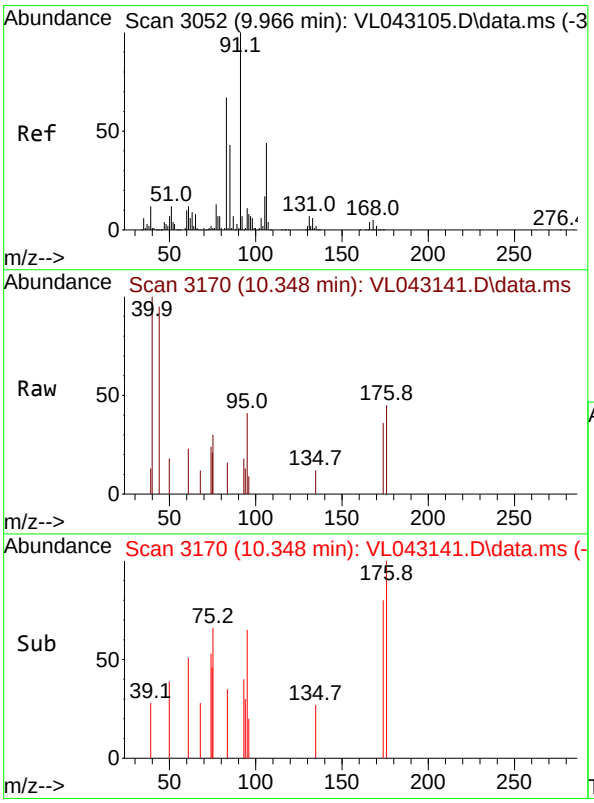
#62
Isopropylbenzene
Concen: 0.001 ppbv
RT: 10.542 min Scan# 3
Delta R.T. -0.000 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion:105 Resp: 47

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.2	30.4#

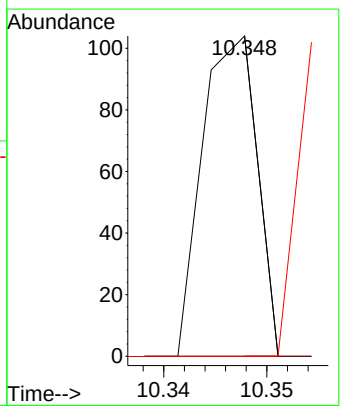


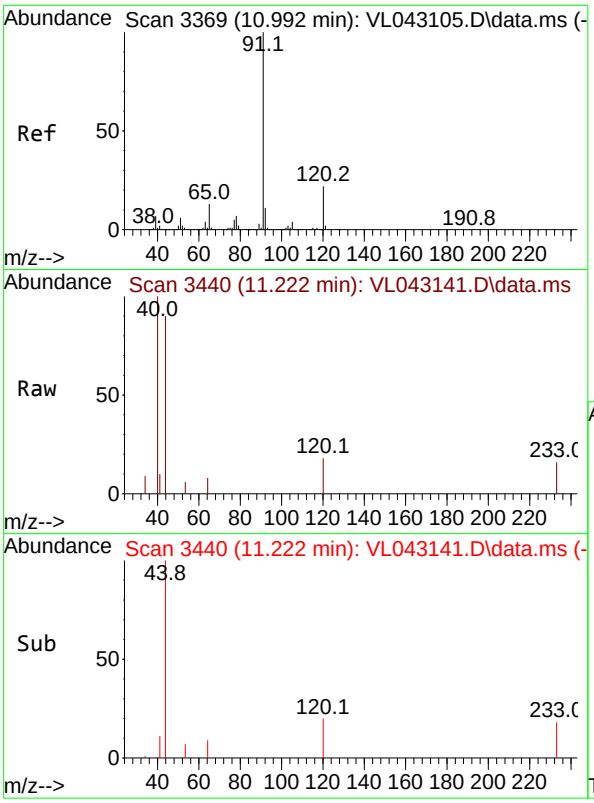


#63
1,1,2,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 10.348 min Scan# 3170
Delta R.T. 0.382 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 83 Resp: 38

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	52.6	32.0	96.0



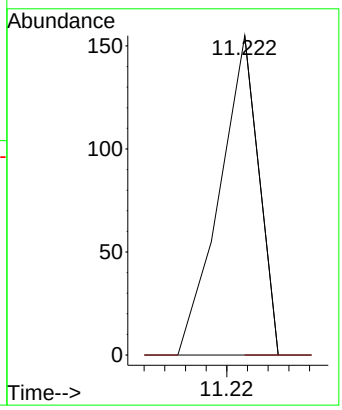


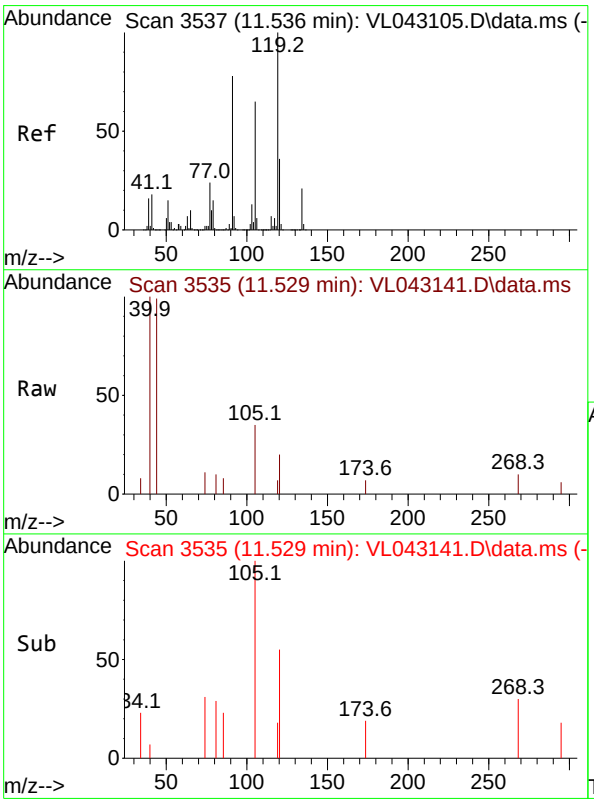
#64
n-propylbenzene
Concen: 0.002 ppbv
RT: 11.222 min Scan# 34
Delta R.T. 0.230 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion:120 Resp: 41

Ion	Ratio	Lower	Upper
120	100		
91	73.2	361.6	542.4#

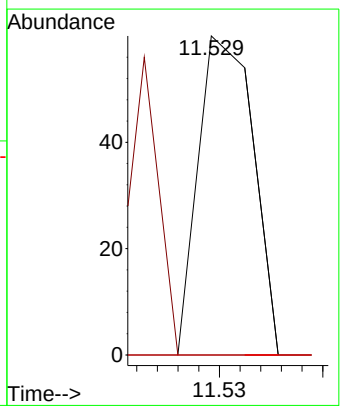


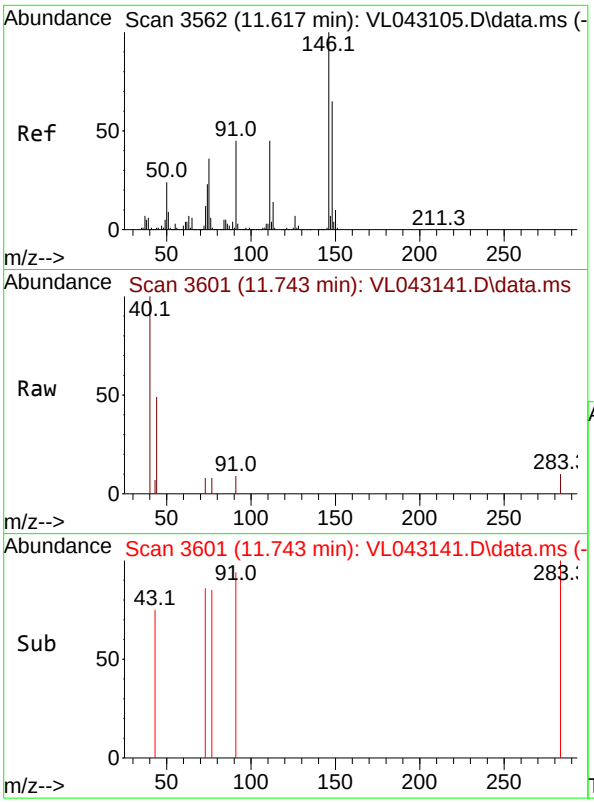


#65
tert-Butylbenzene
Concen: 0.000 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.007 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:119 Resp: 22

Ion	Ratio	Lower	Upper
119	100		
91	0.0	63.4	95.0#
134	0.0	17.3	25.9#



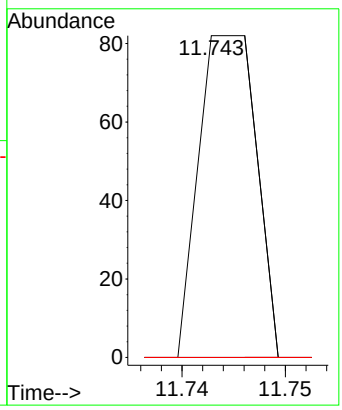


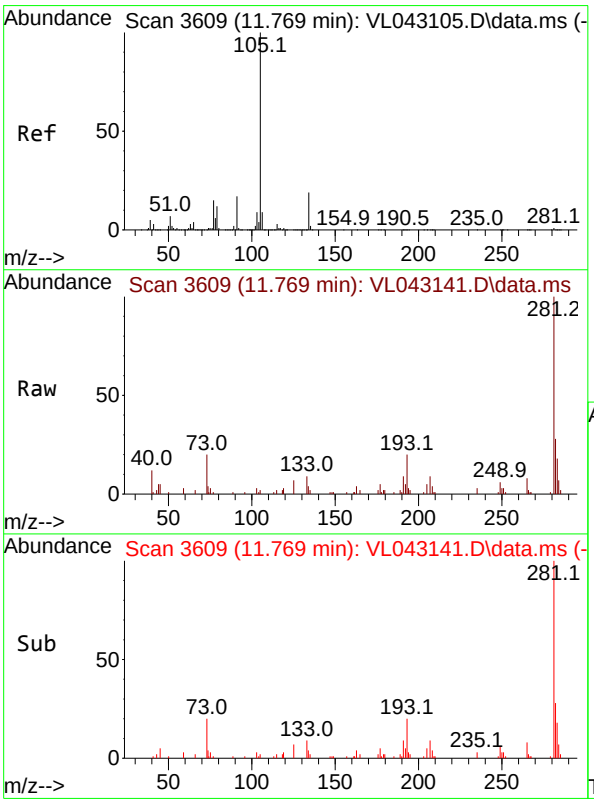
#66
Benzyl Chloride
Concen: 0.004 ppbv
RT: 11.743 min Scan# 3
Delta R.T. 0.126 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 91 Resp: 32

Ion	Ratio	Lower	Upper
91	100		
126	262.5	14.6	22.0#
128	31.3	4.6	6.8#

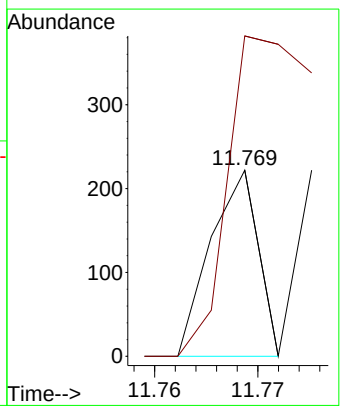


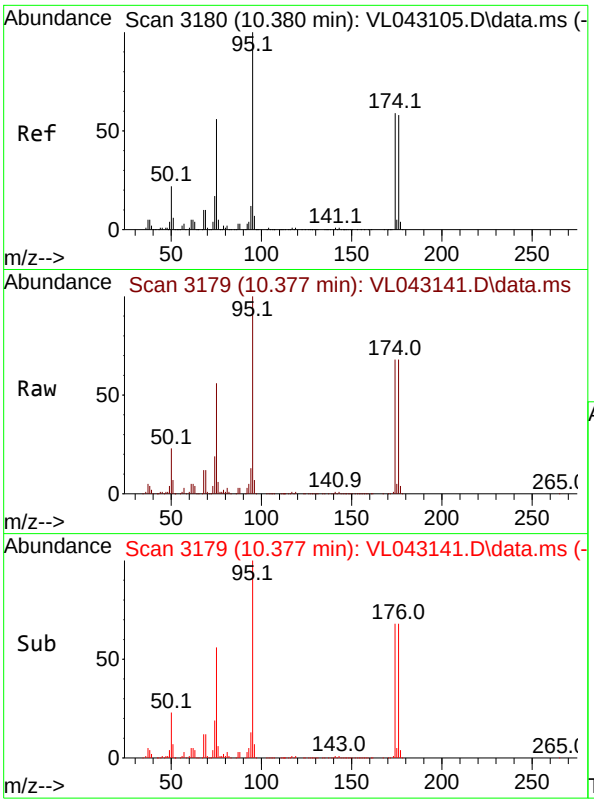


#67
sec-Butylbenzene
Concen: 0.001 ppbv
RT: 11.769 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:105 Resp: 71

Ion	Ratio	Lower	Upper
105	100		
134	497.2	15.5	23.3#



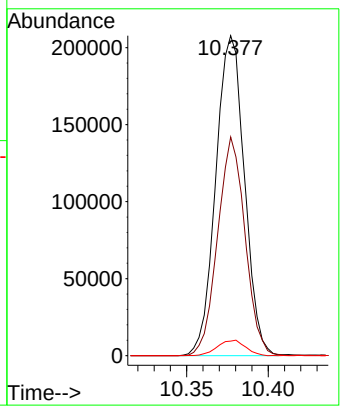


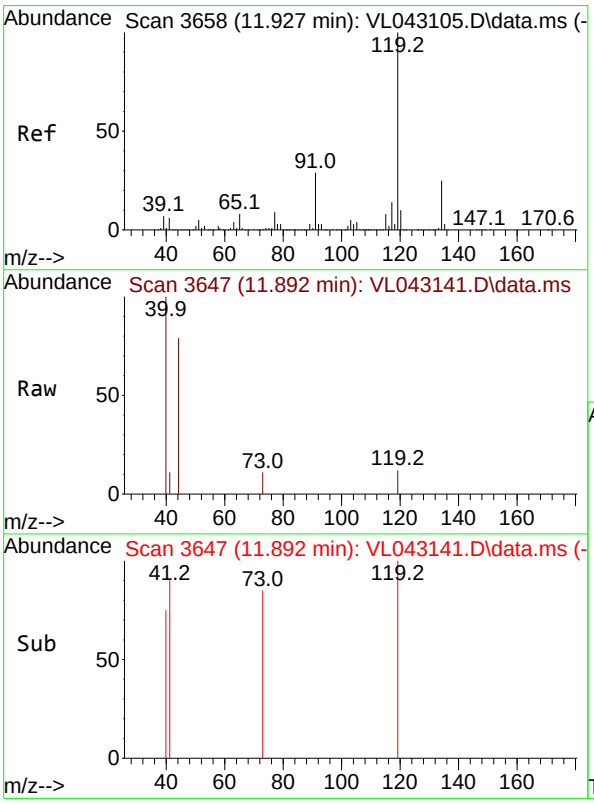
#68
1-Bromo-4-Fluorobenzene
Concen: 9.630 ppbv
RT: 10.377 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 95 Resp: 253826

Ion	Ratio	Lower	Upper
95	100		
174	65.6	48.3	72.5
175	4.8	3.8	5.8

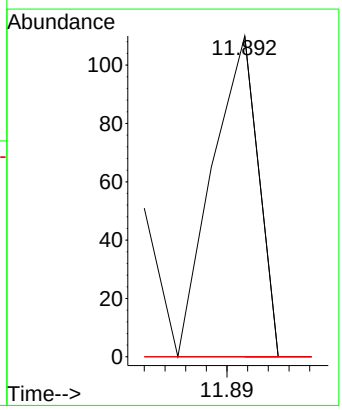


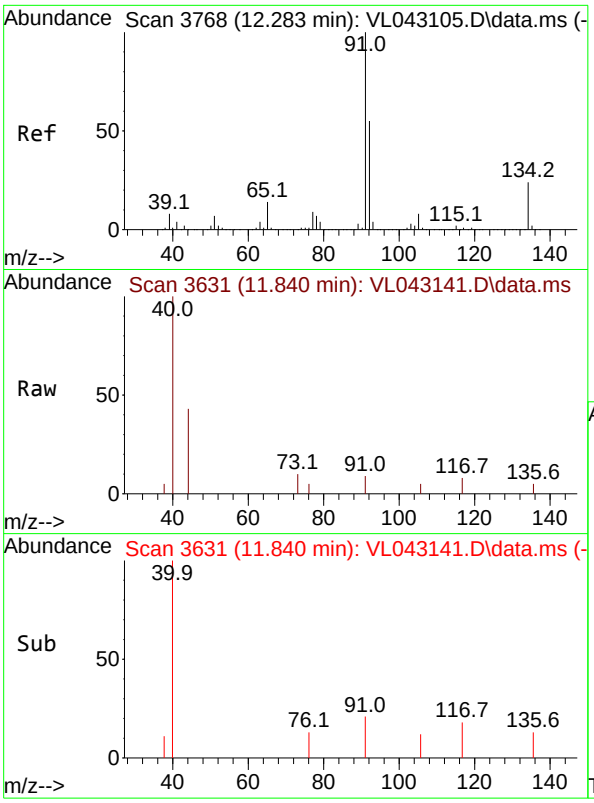


#69
p-Isopropyltoluene
Concen: 0.000 ppbv
RT: 11.892 min Scan# 3647
Delta R.T. -0.036 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:119 Resp: 34

Ion	Ratio	Lower	Upper
119	100		
134	50.0	20.3	30.5#
91	0.0	22.6	33.8#



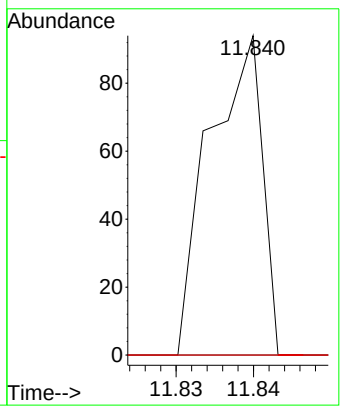


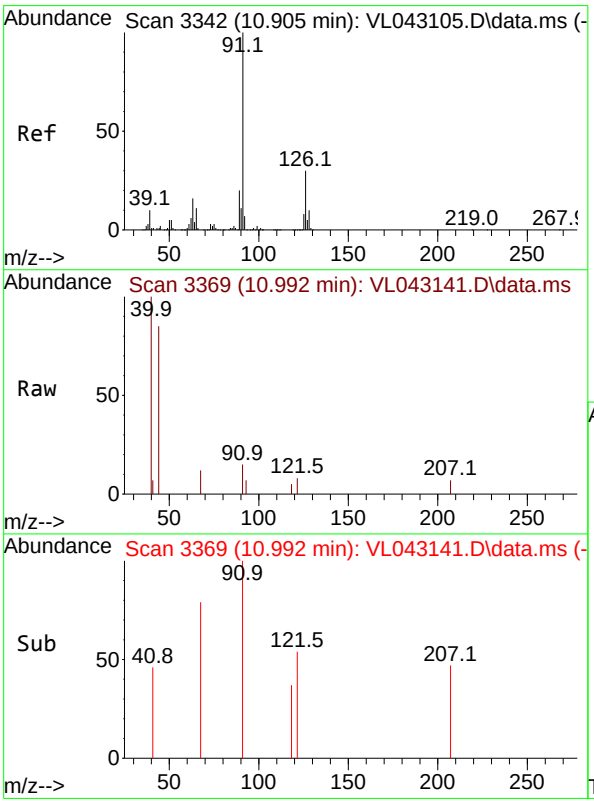
#70
n-Butylbenzene
Concen: 0.001 ppbv
RT: 11.840 min Scan# 3
Delta R.T. -0.444 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion: 91 Resp: 44

Ion	Ratio	Lower	Upper
91	100		
92	56.8	44.5	66.7
134	0.0	19.3	28.9#

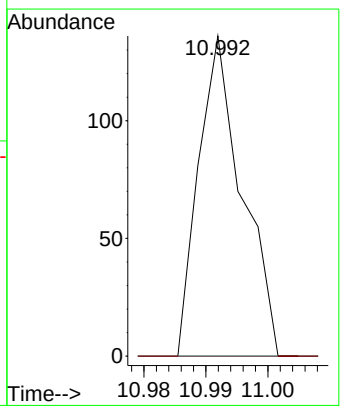


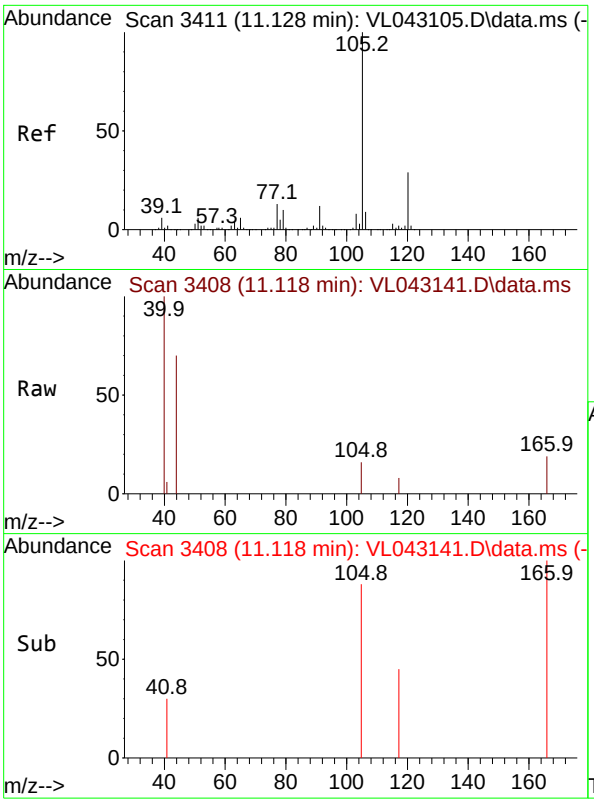


#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.087 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion: 91 Resp: 66

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.0	48.0#



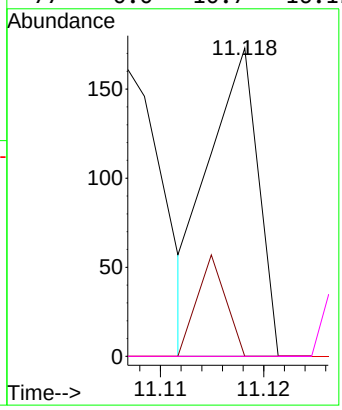


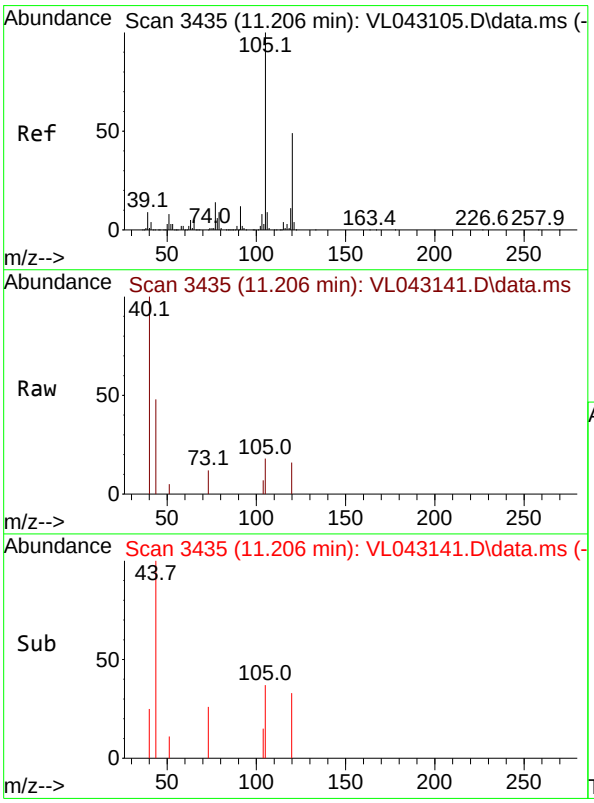
#72
4-Ethyltoluene
Concen: 0.001 ppbv
RT: 11.118 min Scan# 34
Delta R.T. -0.010 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion:105 Resp: 56

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.2	36.4#
91	0.0	10.0	15.0#
77	0.0	10.7	16.1#

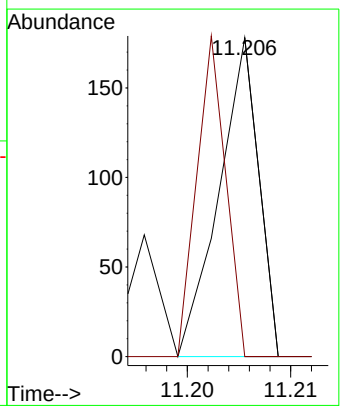


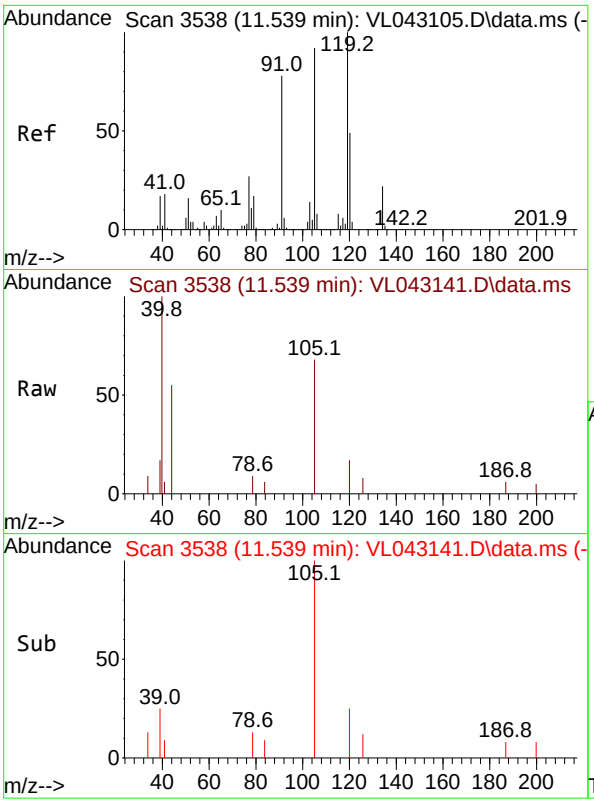


#73
1,3,5-Trimethylbenzene
Concen: 0.001 ppbv
RT: 11.206 min Scan# 3435
Delta R.T. -0.000 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:105 Resp: 47

Ion	Ratio	Lower	Upper
105	100		
120	0.0	39.0	58.6#



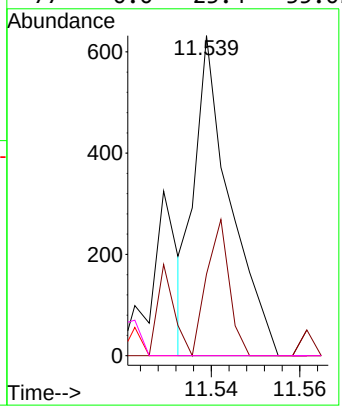


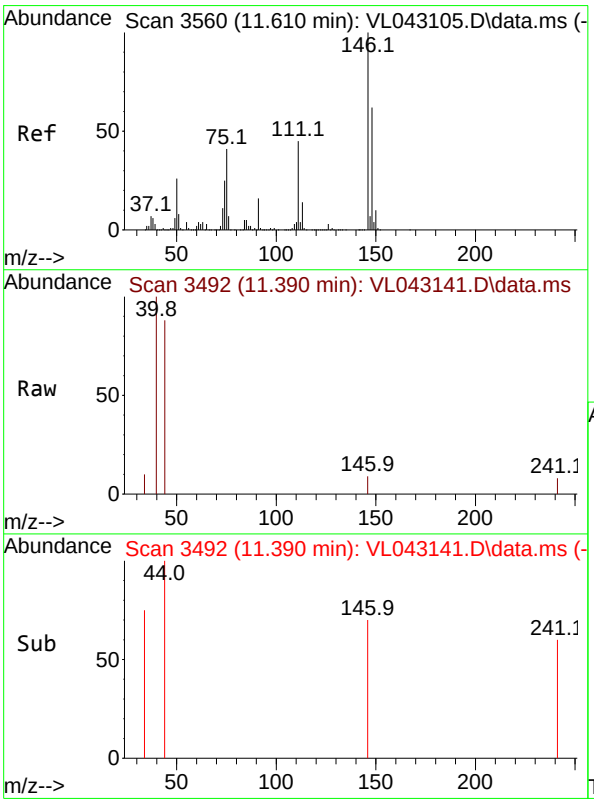
#74
1,2,4-Trimethylbenzene
Concen: 0.007 ppbv
RT: 11.539 min Scan# 3
Delta R.T. -0.000 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion:105 Resp: 351

Ion	Ratio	Lower	Upper
105	100		
120	25.5	42.8	64.2#
91	0.0	68.3	102.5#
77	0.0	23.4	35.0#

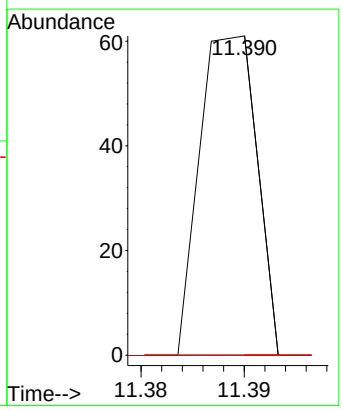


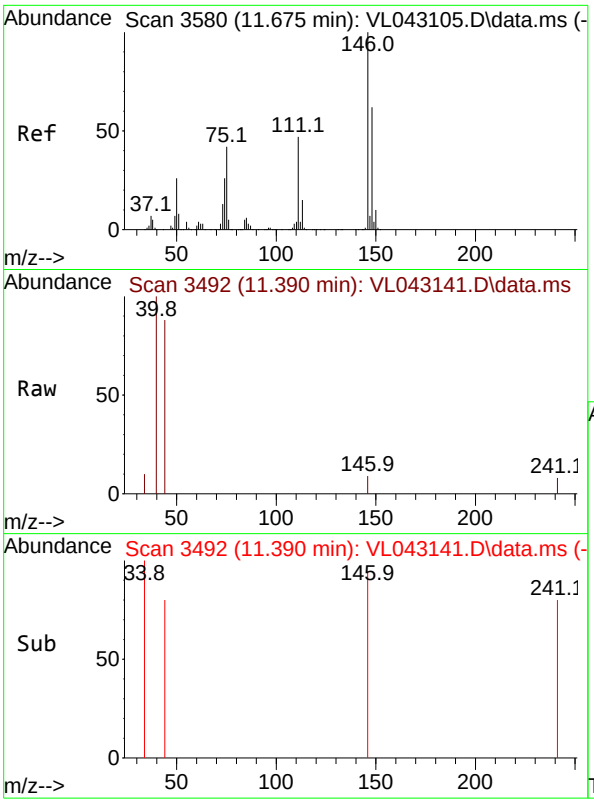


#75
1,3-Dichlorobenzene
Concen: 0.001 ppbv
RT: 11.390 min Scan# 3492
Delta R.T. -0.220 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:146 Resp: 24

Ion	Ratio	Lower	Upper
146	100		
111	104.2	23.3	69.9#
148	325.0	31.6	95.0#



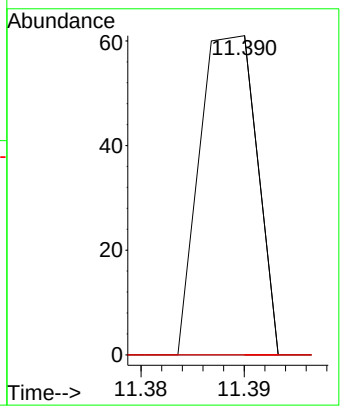


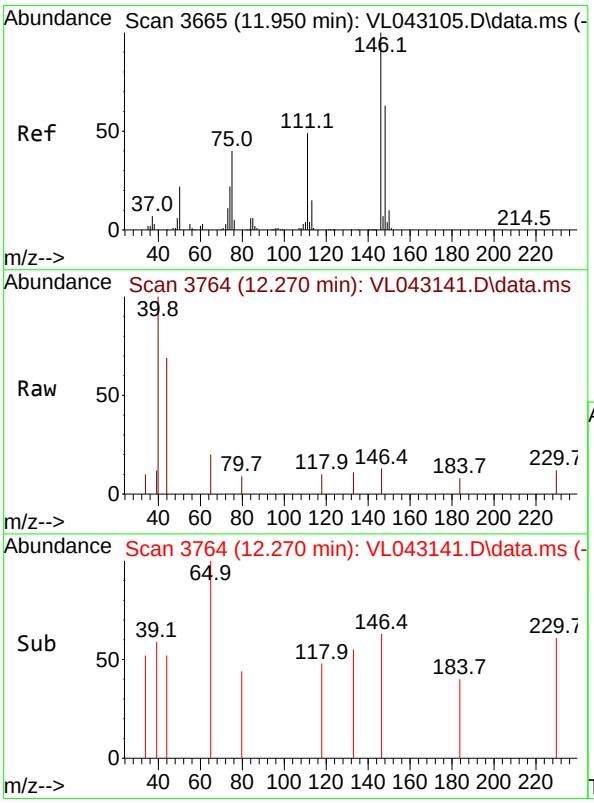
#76
1,4-Dichlorobenzene
Concen: 0.001 ppbv
RT: 11.390 min Scan# 34
Delta R.T. -0.285 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion:146 Resp: 24

Ion	Ratio	Lower	Upper
146	100		
111	104.2	22.4	67.0#
148	0.0	31.6	94.7#

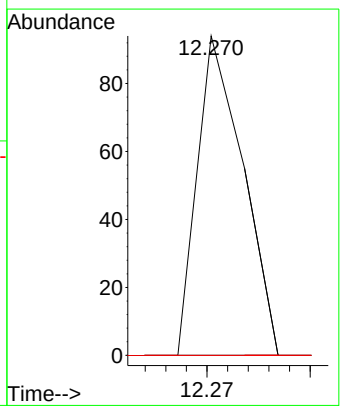


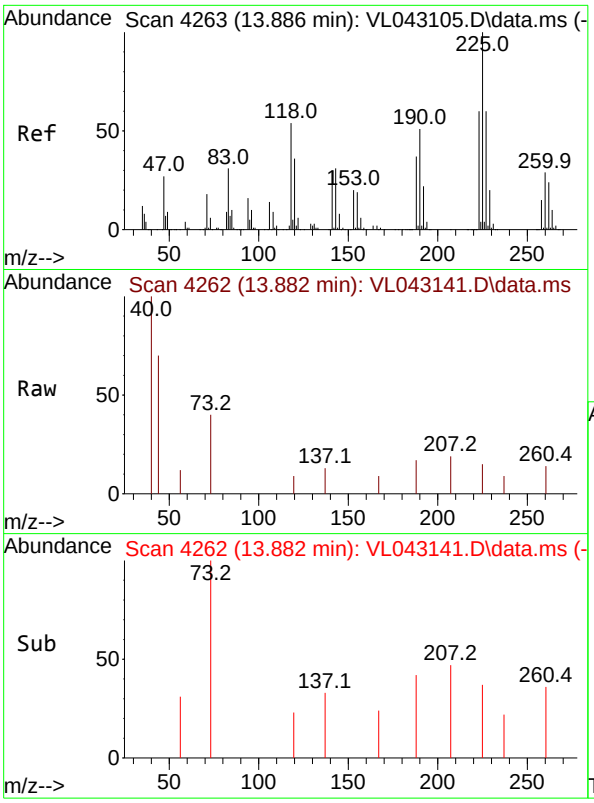


#77
1,2-Dichlorobenzene
Concen: 0.001 ppbv
RT: 12.270 min Scan# 3764
Delta R.T. 0.320 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:146 Resp: 29

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.0	72.0#
148	0.0	31.1	93.3#



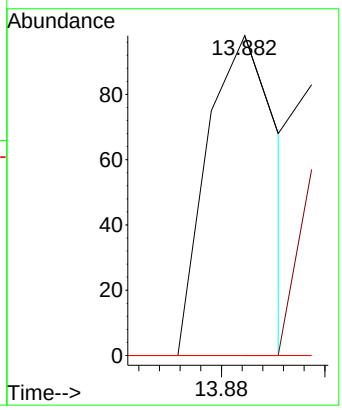


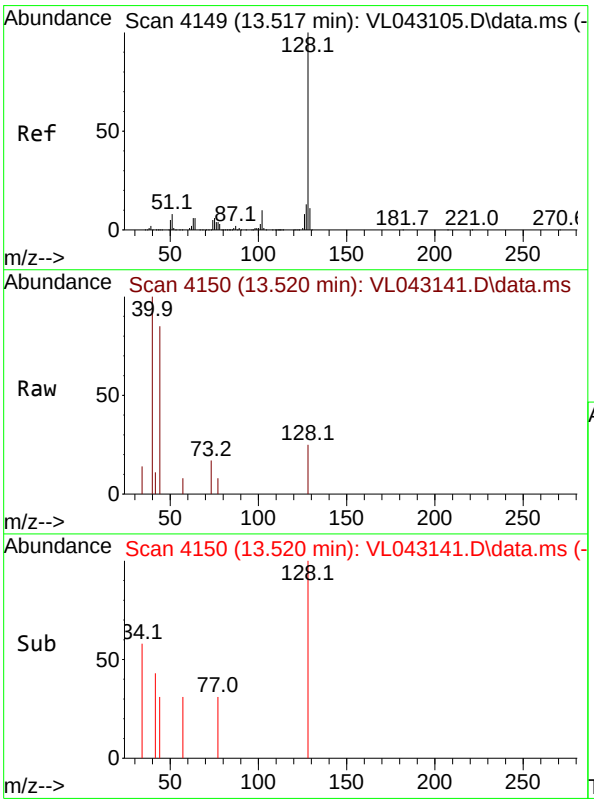
#78
Hexachloro-1,3-Butadiene
Concen: 0.002 ppbv
RT: 13.882 min Scan# 4
Delta R.T. -0.003 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion:225 Resp: 47

Ion	Ratio	Lower	Upper
225	100		
223	57.4	50.2	75.4
227	0.0	49.6	74.4#

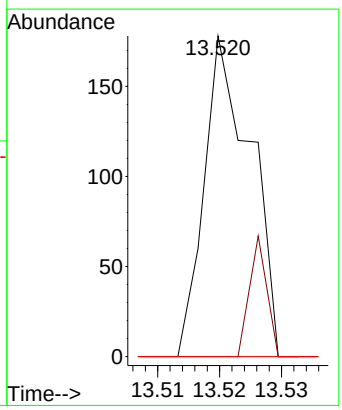


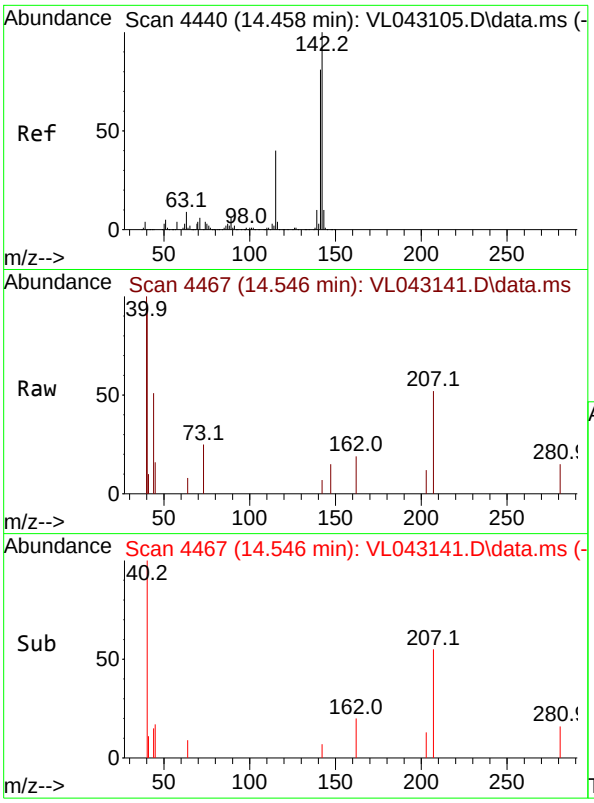


#79
Naphthalene
Concen: 0.002 ppbv
RT: 13.520 min Scan# 4150
Delta R.T. 0.003 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:128 Resp: 93

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	9.1	13.7#



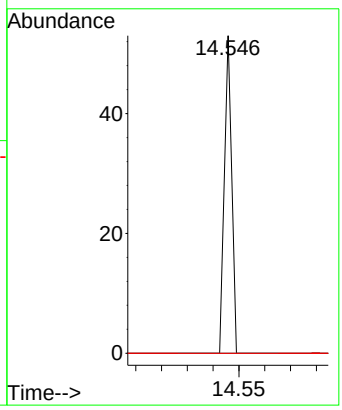


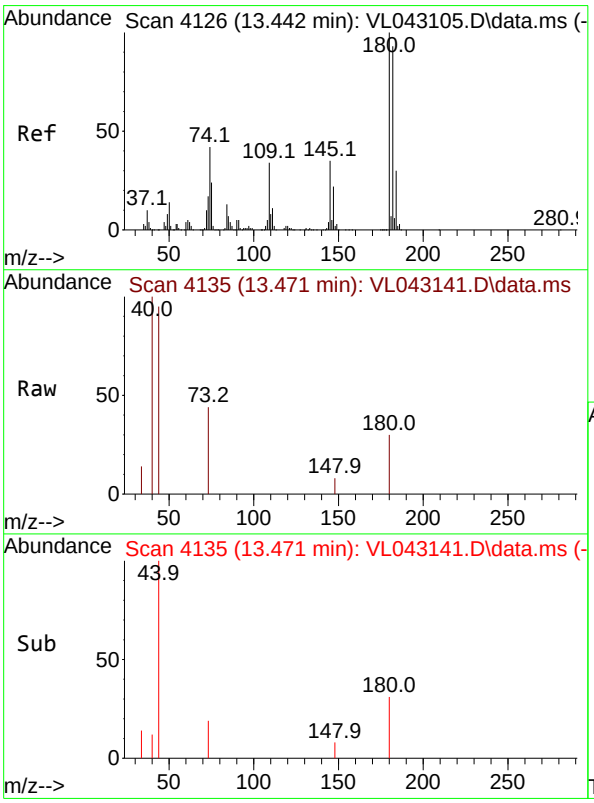
#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 14.546 min Scan# 44
Delta R.T. 0.087 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10158

Tgt Ion:142 Resp: 10

Ion	Ratio	Lower	Upper
142	100		
141	350.0	64.6	97.0#
115	0.0	30.2	45.4#





#81
1,2,4-Trichlorobenzene
Concen: 0.003 ppbv
RT: 13.471 min Scan# 4135
Delta R.T. 0.029 min
Lab File: VL043141.D
Acq: 03 Nov 2025 10:55

Tgt Ion:180 Resp: 73

Ion	Ratio	Lower	Upper
180	100		
182	76.7	75.5	113.3
184	0.0	23.9	35.9#