Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
Data File : VL042581.D
Acq On : 29 May 2025 12:15
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: May 30 01:18:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 30 01:15:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.787	49	101864	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.959	114	307159	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.885	117	279402	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.377	95	209886	10.021	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.499	85	13779	1.101	ppbv		95
3) Chlorodifluoromethane	1.476	51	18960	1.100	ppbv		99
4) Chloromethane	1.531	50	5387	1.087	ppbv		89
5) Vinyl Chloride	1.580	62	4964	0.983	ppbv		99
6) Bromomethane	1.667	94	2560	1.041	ppbv		99
7) Chloroethane	1.703	64	2164	1.103	ppbv	#	84
8) Dichlorotetrafluoroethane	1.554	85	11182	1.072	ppbv		98
9) Propene	1.483	41	7413	1.068	ppbv		97
10) Heptane	4.975	43	9844	0.502	ppbv	#	28
11) Trichlorofluoromethane	1.878	101	12319	1.058	ppbv		95
12) 1,1,2-Trichlorotrifluo...	2.136	101	9979	1.091	ppbv		98
13) Ethanol	1.722	45	968	1.249	ppbv	#	61
14) Bromoethene	1.780	108	3524	1.024	ppbv	#	97
15) Acetone	1.835	43	15114	1.232	ppbv		98
16) 1,3-Butadiene	1.609	39	6483	1.115	ppbv		92
17) tert-Butyl alcohol	2.043	59	13587	1.063	ppbv	#	83
18) 1,1-Dichloroethene	2.036	96	4598	1.080	ppbv		85
19) Isopropyl Alcohol	1.887	45	7964	1.086	ppbv	#	38
20) Methylene Chloride	2.062	84	4654	1.149	ppbv		98
21) Allyl Chloride	2.094	41	9378	1.083	ppbv	#	83
22) trans-1,2-Dichloroethene	2.340	96	5269	1.109	ppbv		98
23) Vinyl Acetate	2.463	43	16945	1.022	ppbv	#	96
24) 1,1-Dichloroethane	2.408	63	10651	1.093	ppbv	#	98
25) Ethyl Acetate	2.839	43	36518	1.088	ppbv		99
26) Hexane	2.826	57	16686	1.094	ppbv		99
27) Carbon Disulfide	2.149	76	12910	1.102	ppbv	#	22
28) Methyl tert-Butyl Ether	2.441	73	7064	1.141	ppbv		93
29) Chloroform	2.849	83	21594	1.088	ppbv		100
30) Cyclohexane	3.858	84	13889	1.098	ppbv		96
31) cis-1,2-Dichloroethene	2.722	61	14880	1.066	ppbv		89
32) 1,1,1-Trichloroethane	3.370	97	20811	1.045	ppbv		97
34) 2-Butanone	2.560	43	23148	1.057	ppbv		99
35) Carbon Tetrachloride	3.765	117	21013	1.036	ppbv		89
36) Benzene	3.658	78	32310	1.068	ppbv		99
37) 1,2-Dichloroethane	3.218	62	15623	1.039	ppbv		97
38) Trichloroethene	4.551	130	13969	1.078	ppbv		98
39) 1,2-Dichloropropane	4.321	63	11488	1.027	ppbv		87
40) 1,4-Dioxane	4.593	88	1578	0.332	ppbv	#	24
41) Tetrahydrofuran	3.062	42	13711	1.069	ppbv		99
42) Bromodichloromethane	4.490	83	22628	1.060	ppbv	#	96
43) Methyl Methacrylate	4.884	69	11810	1.007	ppbv		97
44) 2,2,4-Trimethylpentane	4.645	57	30389	0.588	ppbv	#	49
45) t-1,3-Dichloropropene	6.422	75	6581	0.490	ppbv		94

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
Data File : VL042581.D
Acq On : 29 May 2025 12:15
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: May 30 01:18:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 30 01:15:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	10330	0.614	ppbv		96
47) 1,1,2-Trichloroethane	6.593	97	4735	0.409	ppbv		94
48) Dibromochloromethane	7.393	129	19719	1.064	ppbv		99
49) Bromoform	9.484	173	15937	0.996	ppbv		96
50) 4-Methyl-2-Pentanone	5.765	43	31646	1.037	ppbv		99
51) 2-Hexanone	7.445	43	25135	1.043	ppbv	#	96
52) Tetrachloroethene	8.228	164	11770	1.041	ppbv		97
53) Toluene	6.936	91	36540	1.045	ppbv		97
54) 1,2-Dibromoethane	7.658	107	18114	1.055	ppbv		96
56) 1,1,1,2-Tetrachloroethane	8.927	131	14971	1.066	ppbv		95
57) Chlorobenzene	8.927	112	28714	1.058	ppbv		100
58) Ethyl Benzene	9.357	91	49899	1.053	ppbv		96
59) m/p-Xylene	9.535	91	43372	1.163	ppbv	#	29
60) o-Xylene	9.966	91	39398	1.059	ppbv		99
61) Styrene	9.875	104	18371	1.045	ppbv		100
62) Isopropylbenzene	10.542	105	59492	1.083	ppbv		99
63) 1,1,2,2-Tetrachloroethane	9.966	83	24057	1.017	ppbv		99
64) n-propylbenzene	10.992	120	15107	1.026	ppbv		90
65) tert-Butylbenzene	11.532	119	53720	1.077	ppbv		99
66) Benzyl Chloride	11.617	91	6617	1.029	ppbv		98
67) sec-Butylbenzene	11.769	105	76631	1.093	ppbv		100
69) p-Isopropyltoluene	11.927	119	62849	1.070	ppbv		100
70) n-Butylbenzene	12.283	91	63350	1.093	ppbv		99
71) 2-Chlorotoluene	10.901	91	45250	1.080	ppbv		99
72) 4-Ethyltoluene	11.128	105	50214	1.083	ppbv		99
73) 1,3,5-Trimethylbenzene	11.206	105	41412	1.079	ppbv		100
74) 1,2,4-Trimethylbenzene	11.536	105	46810	1.099	ppbv	#	90
75) 1,3-Dichlorobenzene	11.610	146	28889	1.080	ppbv		99
76) 1,4-Dichlorobenzene	11.675	146	29060	1.089	ppbv		98
77) 1,2-Dichlorobenzene	11.950	146	28176	1.085	ppbv		97
78) Hexachloro-1,3-Butadiene	13.882	225	24950	1.162	ppbv		98
79) Naphthalene	13.517	128	45649	1.141	ppbv	#	94
80) Naphthalene,2-methyl-	14.458	142	15700	0.866	ppbv		96
81) 1,2,4-Trichlorobenzene	13.442	180	24843	1.108	ppbv		97

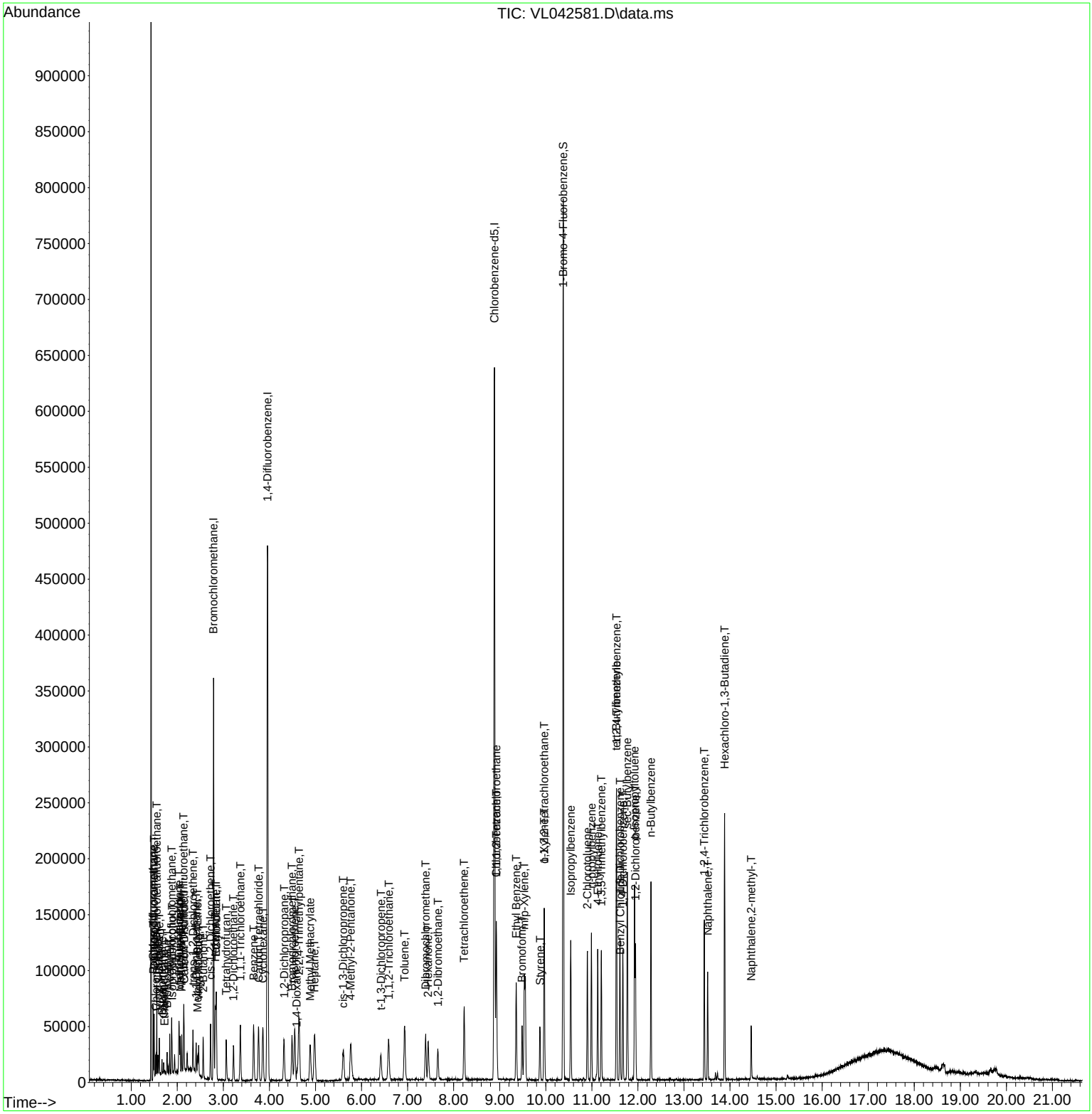
(#) = qualifier out of range (m) = manual integration (+) = signals summed

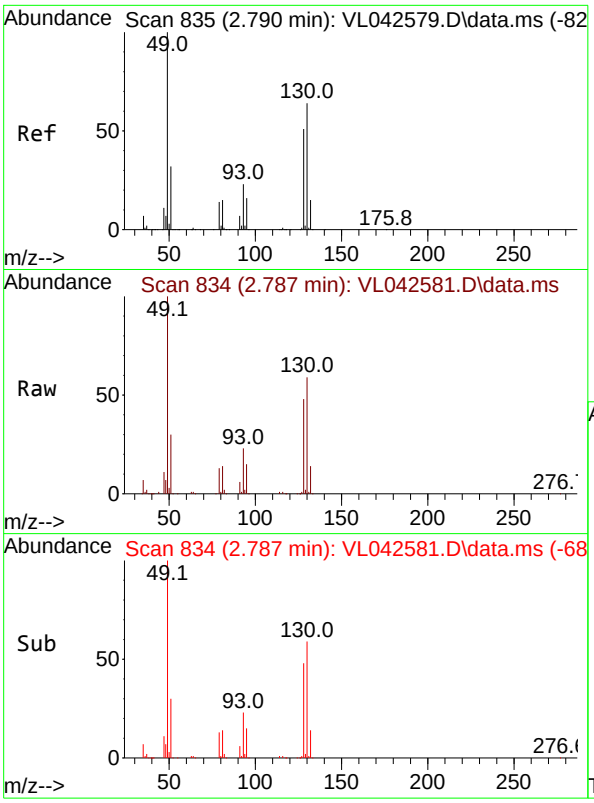
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
Data File : VL042581.D
Acq On : 29 May 2025 12:15
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: May 30 01:18:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 30 01:15:52 2025
Response via : Initial Calibration



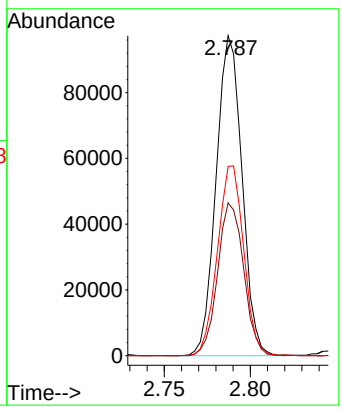


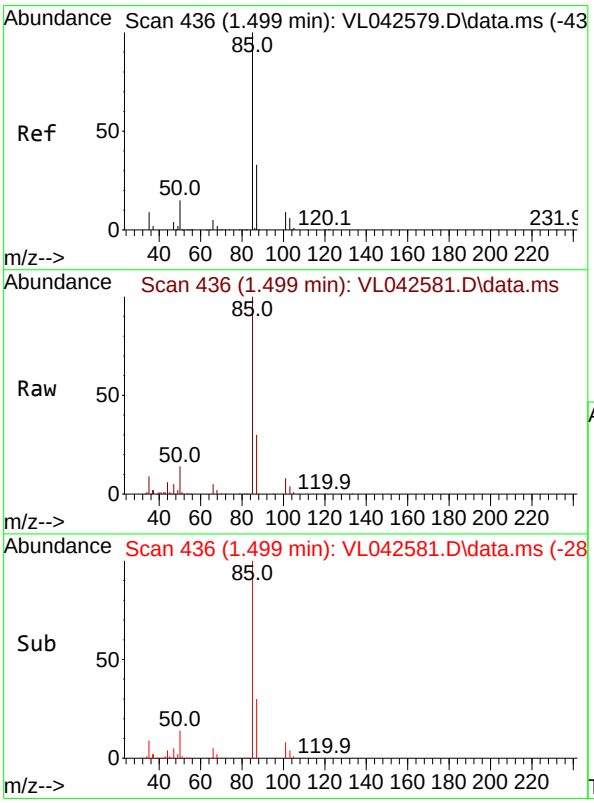
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 8
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 101864

Ion	Ratio	Lower	Upper
49	100		
128	48.1	24.2	72.6
130	60.1	30.4	91.2

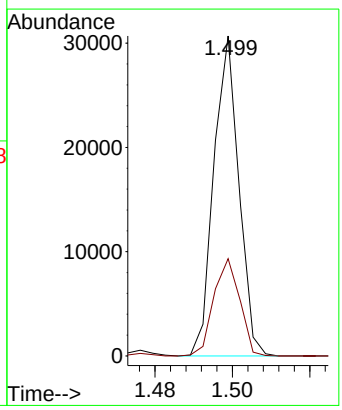


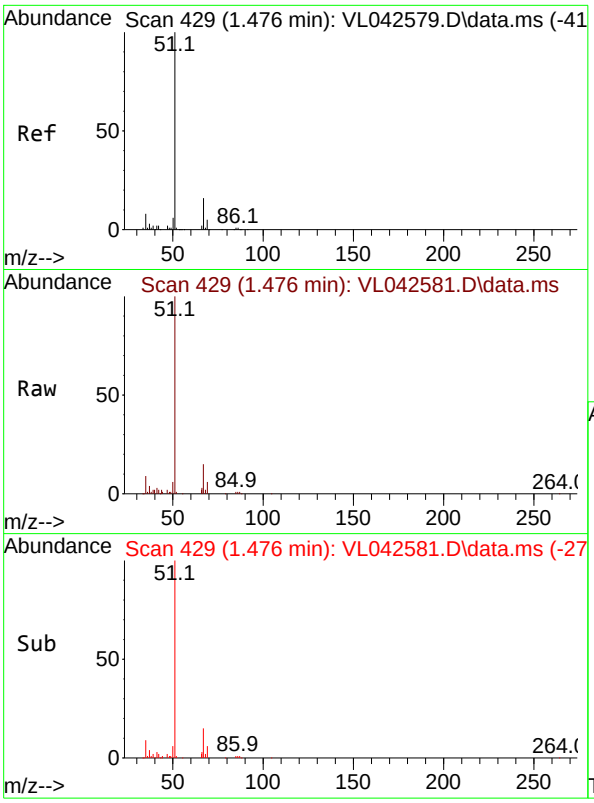


#2
Dichlorodifluoromethane
Concen: 1.101 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 85 Resp: 13779

Ion	Ratio	Lower	Upper
85	100		
87	30.4	26.6	39.8



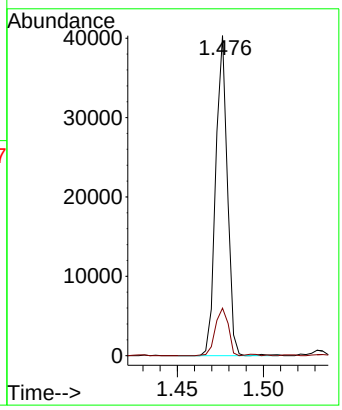


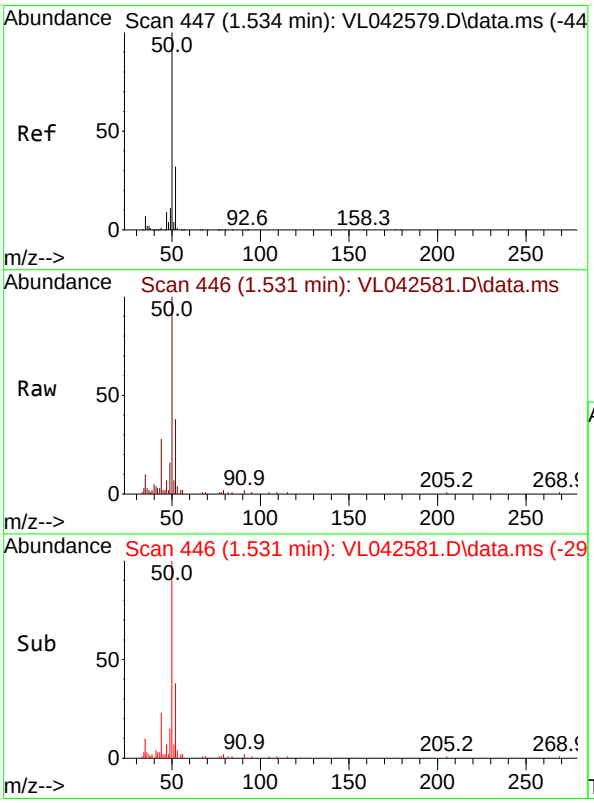
#3
Chlorodifluoromethane
Concen: 1.100 ppbv
RT: 1.476 min Scan# 4
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 18960

Ion	Ratio	Lower	Upper
51	100		
67	17.0	13.4	20.2

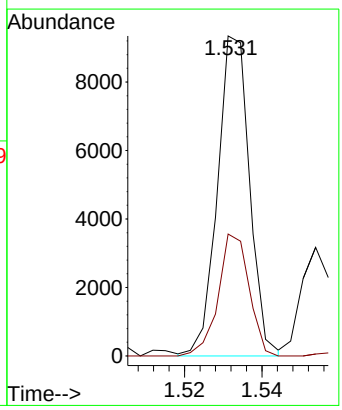


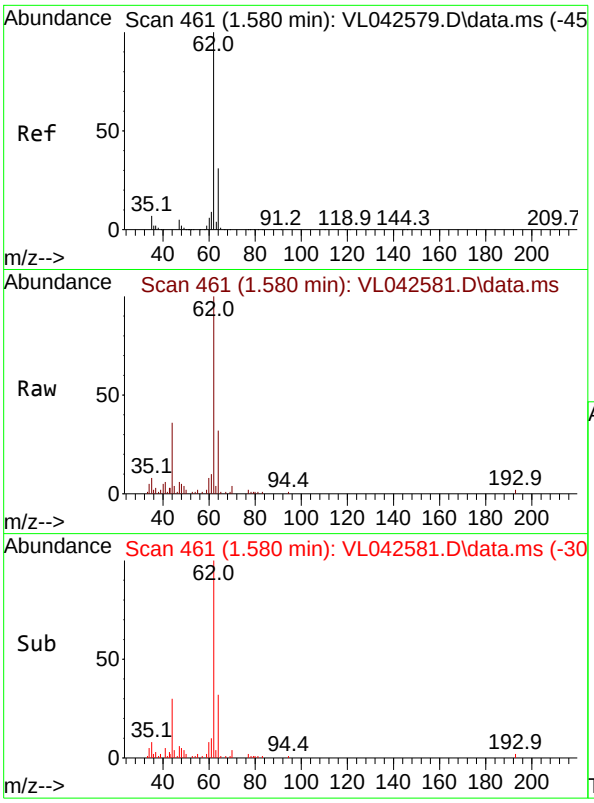


#4
Chloromethane
Concen: 1.087 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 50 Resp: 5387

Ion	Ratio	Lower	Upper
50	100		
52	38.4	25.8	38.6



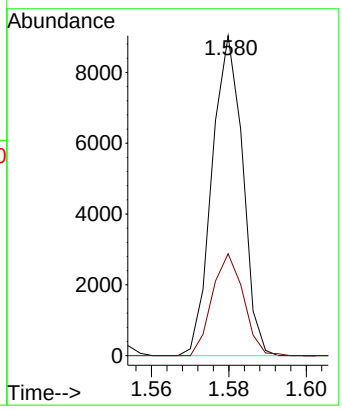


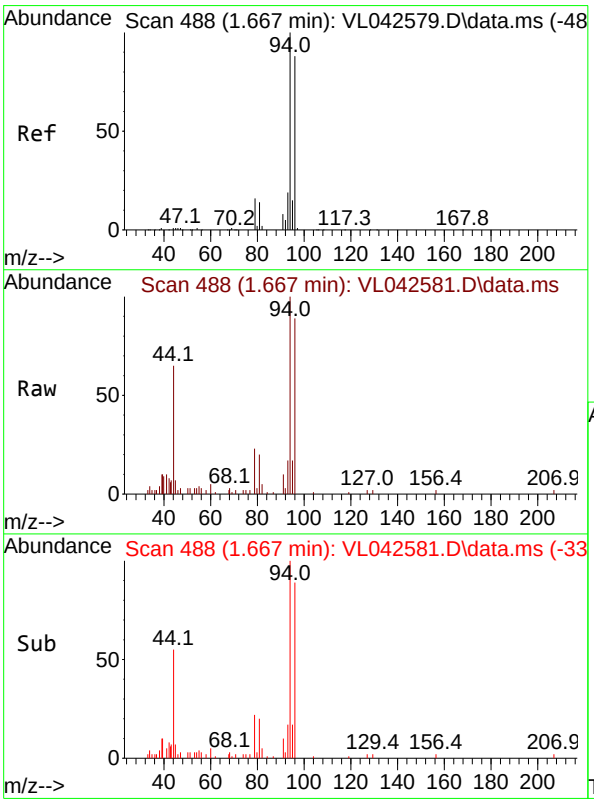
#5
Vinyl Chloride
Concen: 0.983 ppbv
RT: 1.580 min Scan# 4
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 4964

Ion	Ratio	Lower	Upper
62	100		
64	31.8	24.9	37.3

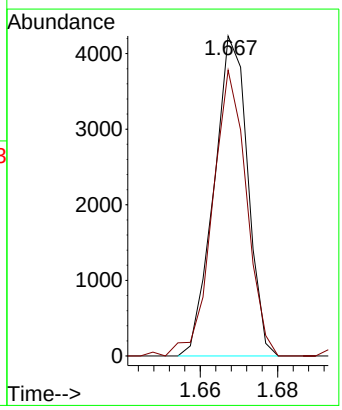


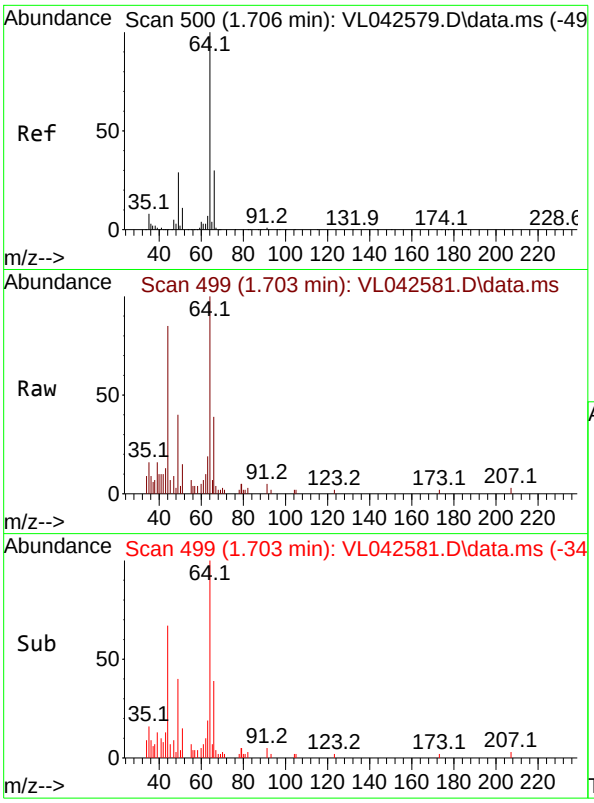


#6
Bromomethane
Concen: 1.041 ppbv
RT: 1.667 min Scan# 488
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 94 Resp: 2560

Ion	Ratio	Lower	Upper
94	100		
96	89.3	70.7	106.1



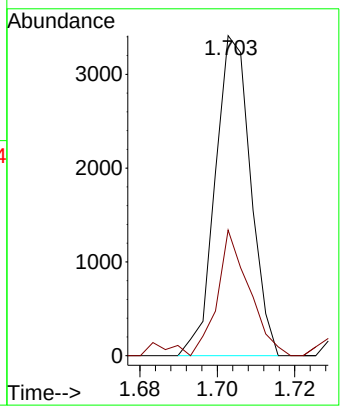


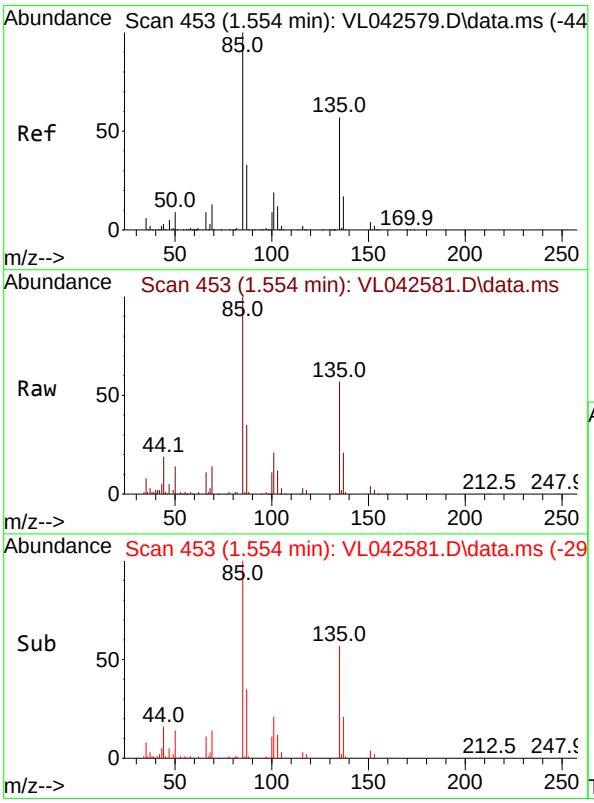
#7
Chloroethane
Concen: 1.103 ppbv
RT: 1.703 min Scan# 4
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 2164

Ion	Ratio	Lower	Upper
64	100		
66	39.3	24.3	36.5#

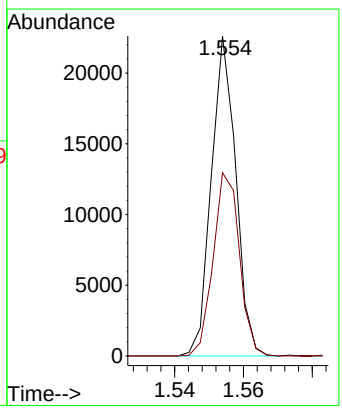


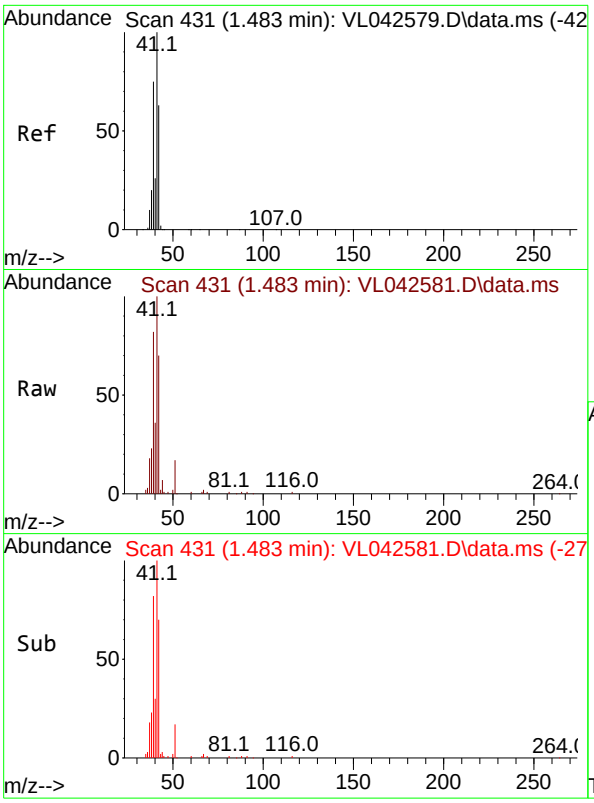


#8
Dichlorotetrafluoroethane
Concen: 1.072 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 85 Resp: 11182

Ion	Ratio	Lower	Upper
85	100		
135	61.5	50.2	75.4



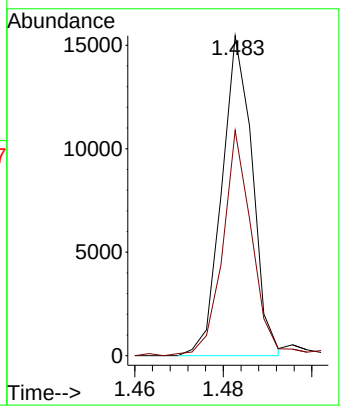


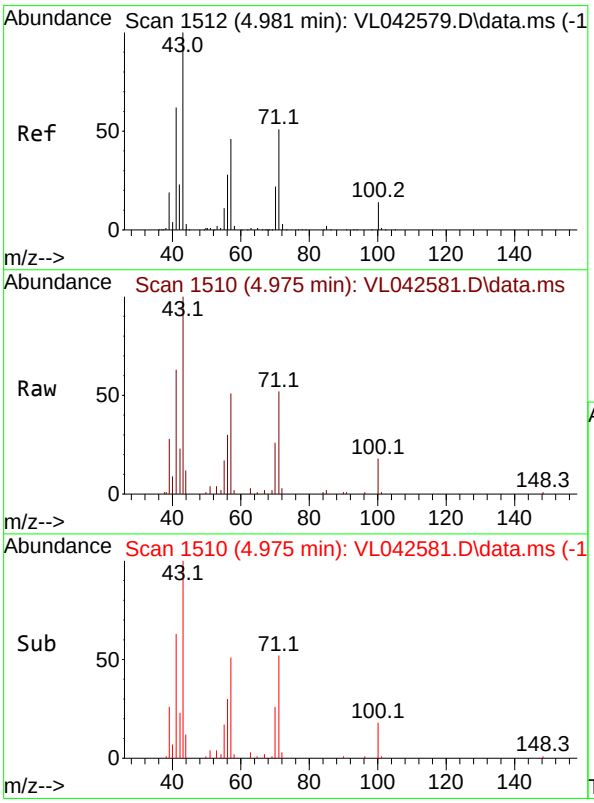
#9
Propene
Concen: 1.068 ppbv
RT: 1.483 min Scan# 4
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 7413

Ion	Ratio	Lower	Upper
41	100		
42	69.1	53.3	79.9

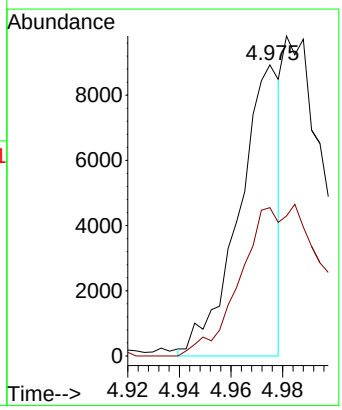


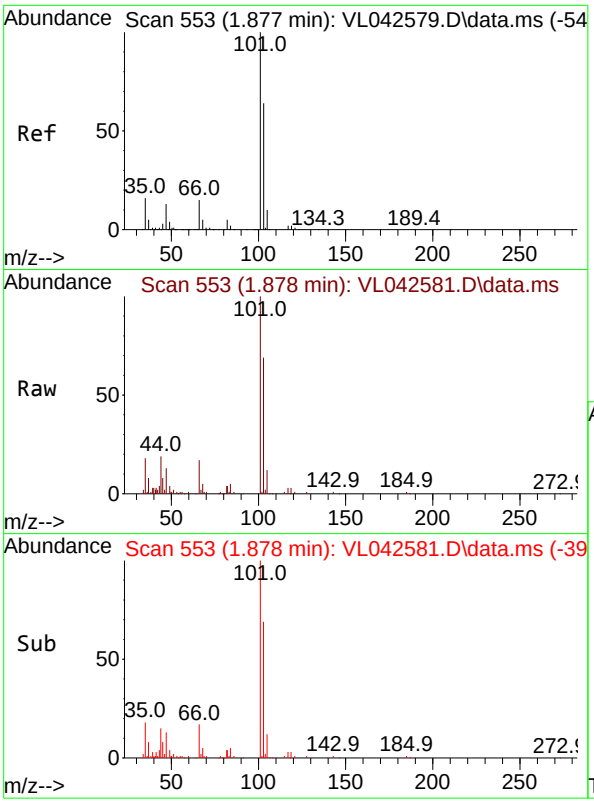


#10
Heptane
Concen: 0.502 ppbv
RT: 4.975 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 43 Resp: 9844

Ion	Ratio	Lower	Upper
43	100		
57	0.0	38.9	58.3#



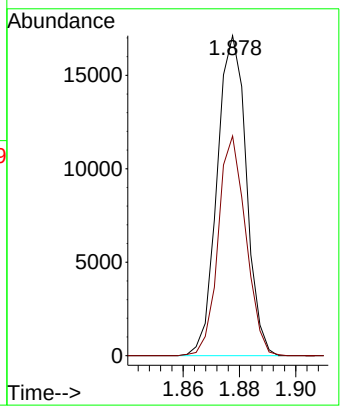


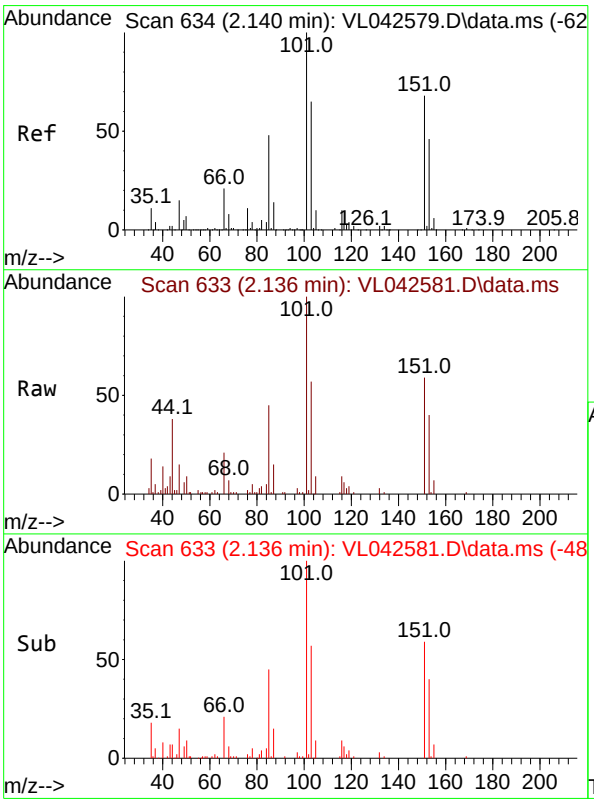
#11
Trichlorofluoromethane
Concen: 1.058 ppbv
RT: 1.878 min Scan# 5
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 12319

Ion	Ratio	Lower	Upper
101	100		
103	68.6	51.5	77.3

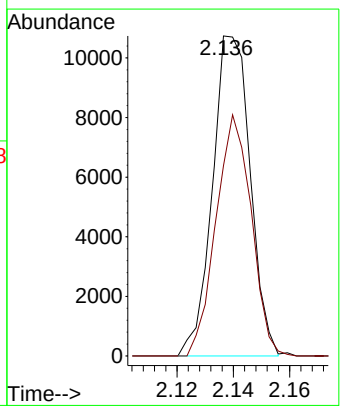


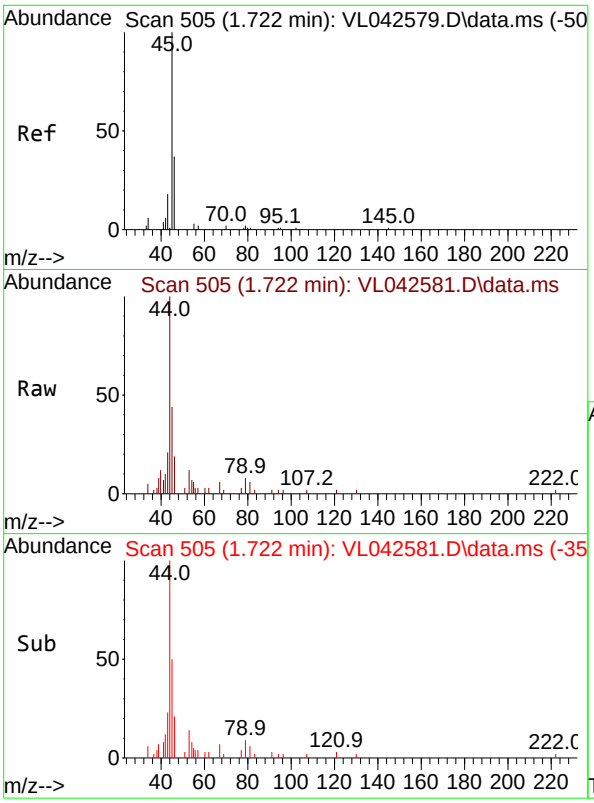


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.091 ppbv
RT: 2.136 min Scan# 633
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:101 Resp: 9979

Ion	Ratio	Lower	Upper
101	100		
151	70.6	55.3	82.9



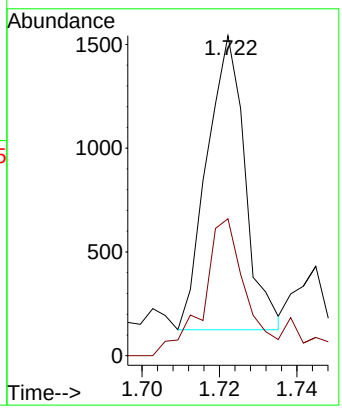


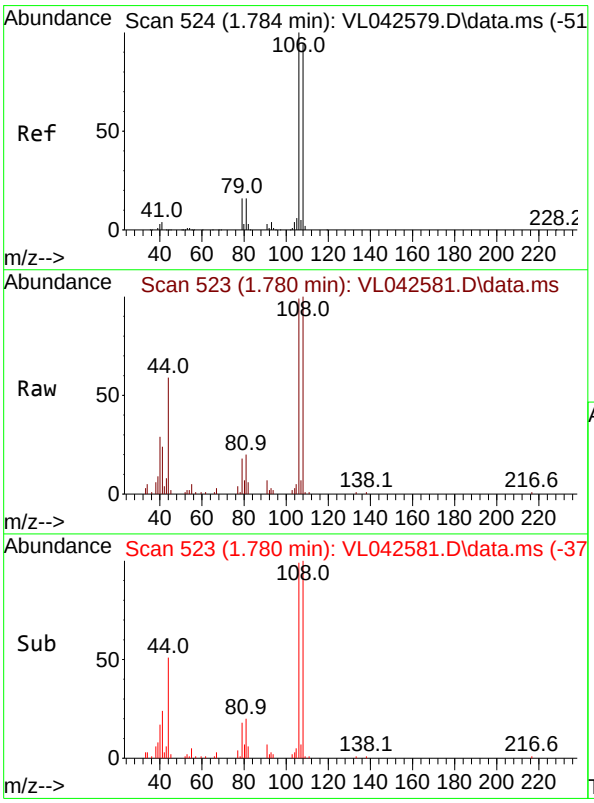
#13
Ethanol
Concen: 1.249 ppbv
RT: 1.722 min Scan# 5
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 968

Ion	Ratio	Lower	Upper
45	100		
46	59.5	14.5	58.1#

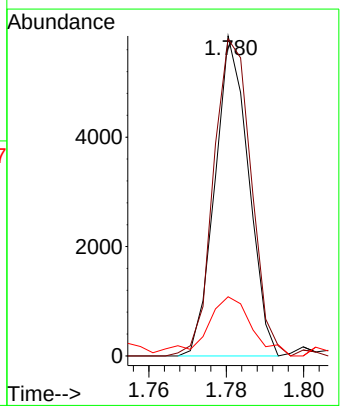


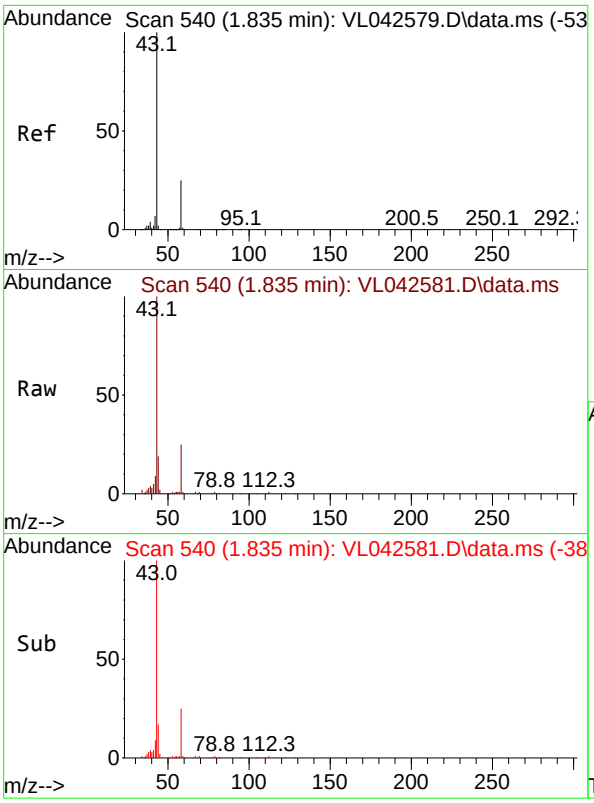


#14
Bromoethene
Concen: 1.024 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:108 Resp: 3524

Ion	Ratio	Lower	Upper
108	100		
106	111.5	87.9	131.9
79	25.3	15.6	23.4#



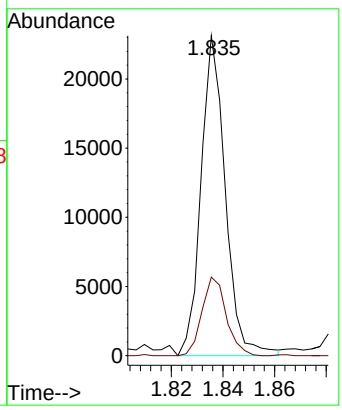


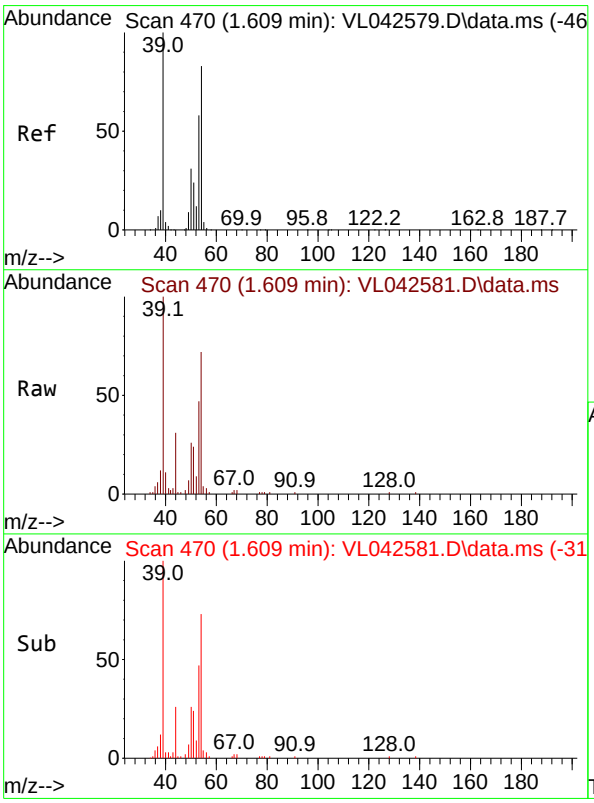
#15
Acetone
Concen: 1.232 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 15114

Ion	Ratio	Lower	Upper
43	100		
58	24.9	21.0	31.4

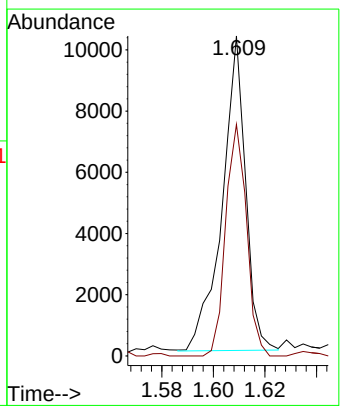


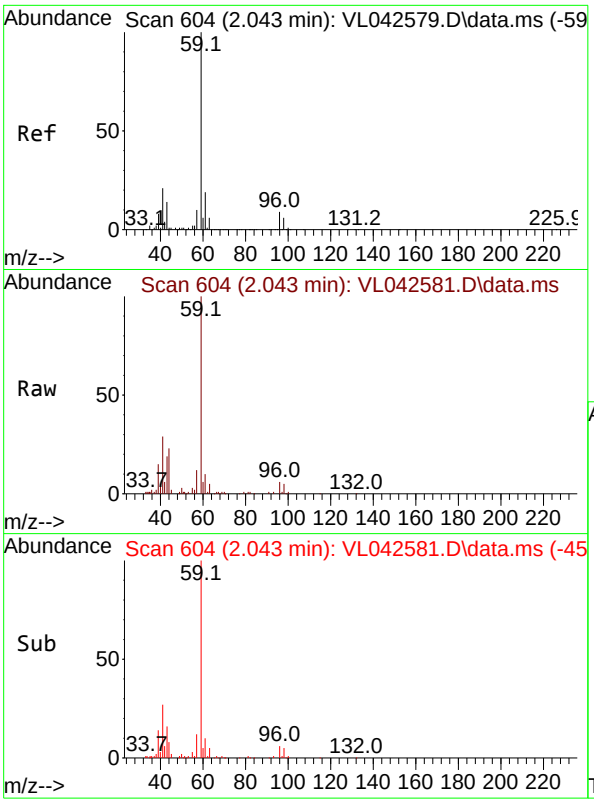


#16
1,3-Butadiene
Concen: 1.115 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 39 Resp: 6483

Ion	Ratio	Lower	Upper
39	100		
54	65.4	57.9	86.9



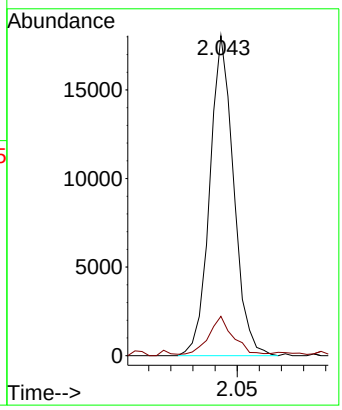


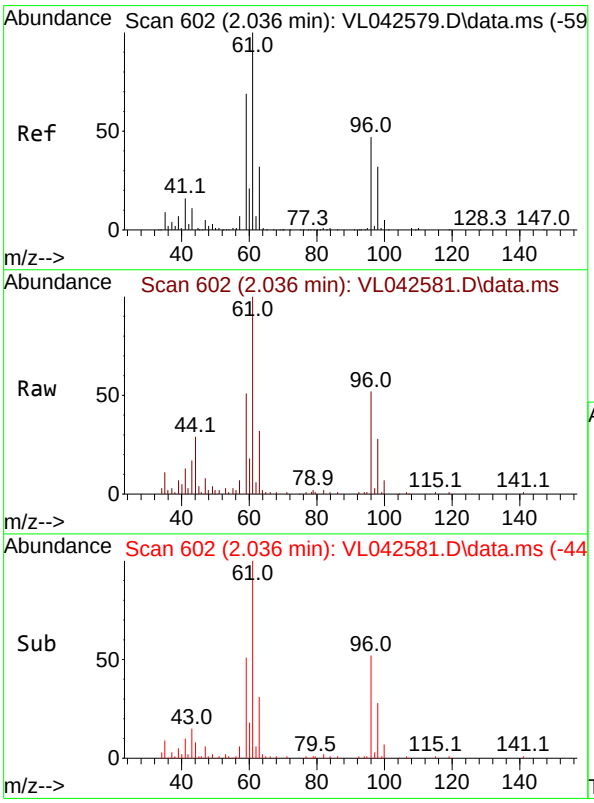
#17
tert-Butyl alcohol
Concen: 1.063 ppbv
RT: 2.043 min Scan# 6
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 13587

Ion	Ratio	Lower	Upper
59	100		
57	17.1	8.6	12.8#

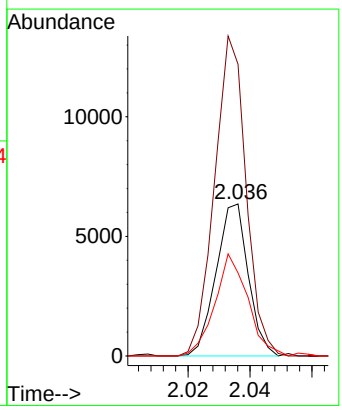


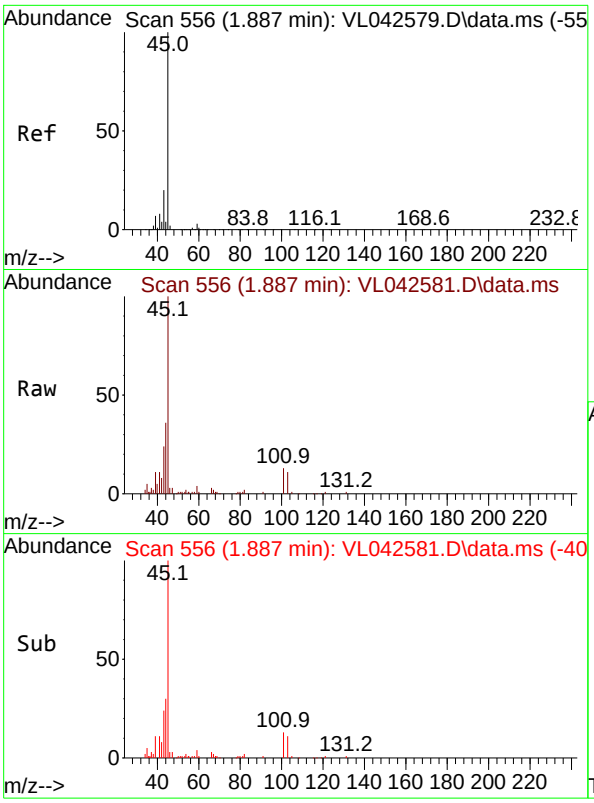


#18
1,1-Dichloroethene
Concen: 1.080 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 96 Resp: 4598

Ion	Ratio	Lower	Upper
96	100		
61	191.9	171.1	256.7
98	54.6	54.4	81.6



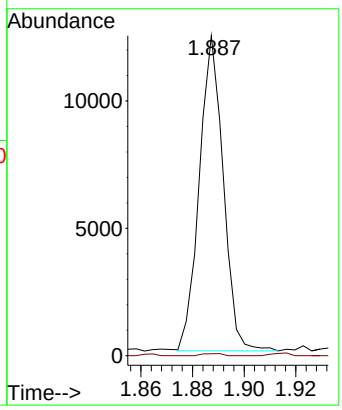


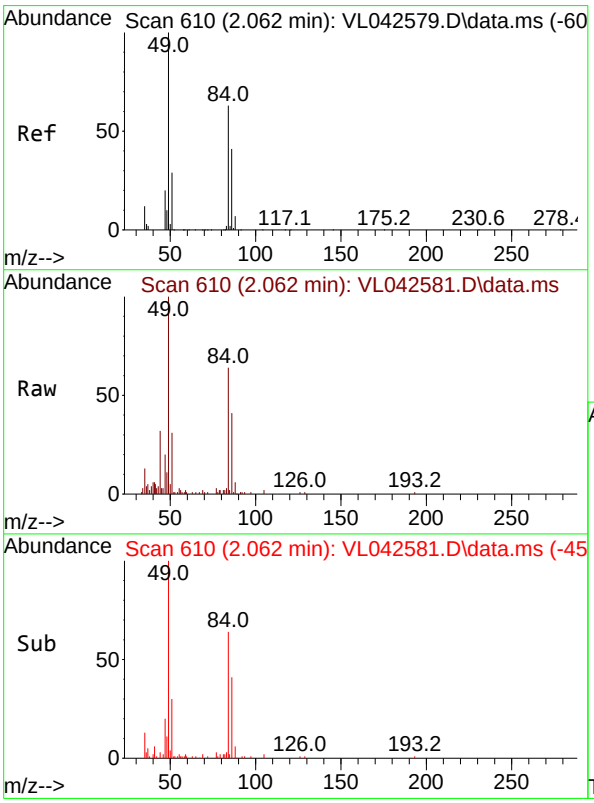
#19
Isopropyl Alcohol
Concen: 1.086 ppbv
RT: 1.887 min Scan# 5
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 7964

Ion	Ratio	Lower	Upper
45	100		
58	0.0	29.4	44.2#

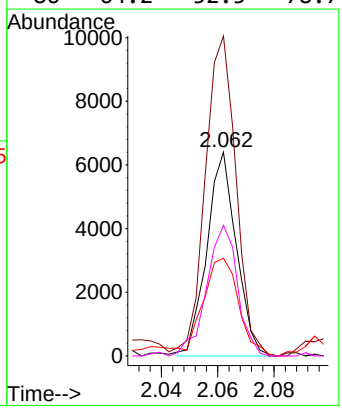


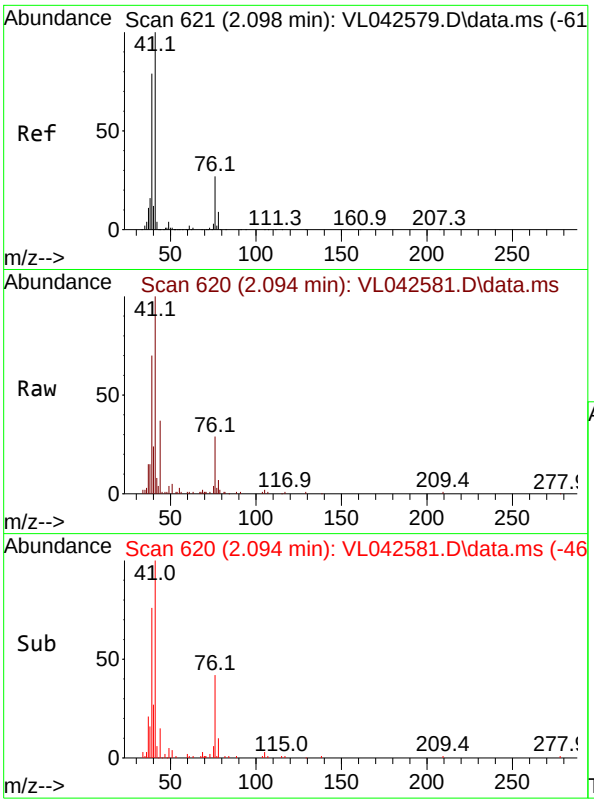


#20
Methylene Chloride
Concen: 1.149 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 84 Resp: 4654

Ion	Ratio	Lower	Upper
84	100		
49	157.0	128.8	193.2
51	48.0	38.6	57.8
86	64.2	52.5	78.7



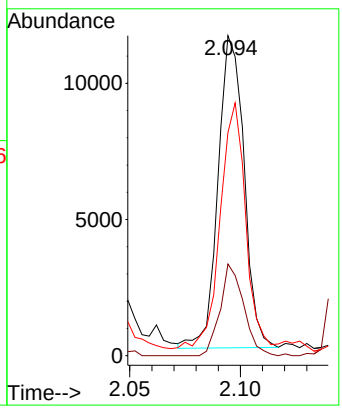


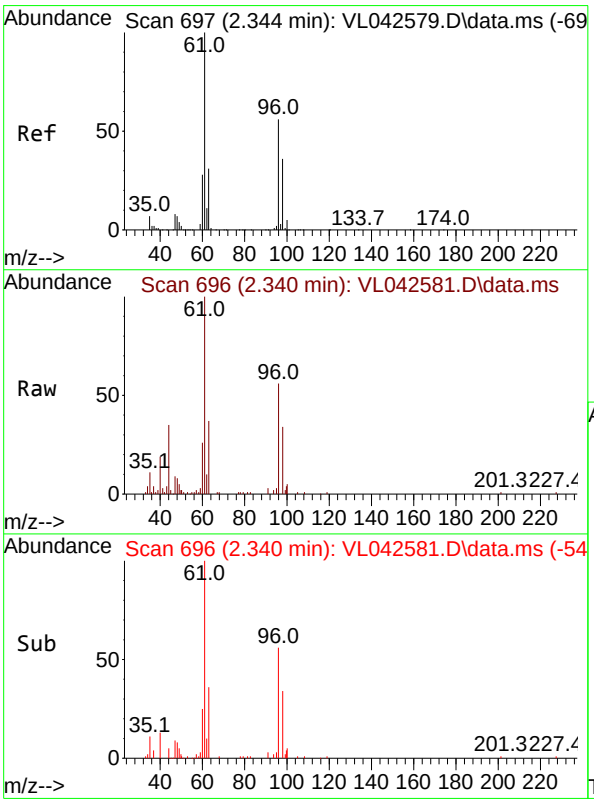
#21
Allyl Chloride
Concen: 1.083 ppbv
RT: 2.094 min Scan# 6
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 9378

Ion	Ratio	Lower	Upper
41	100		
76	26.6	21.2	31.8
39	95.2	60.9	91.3#

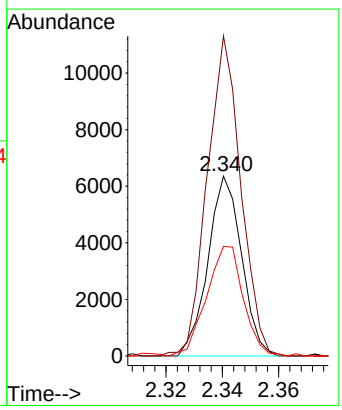


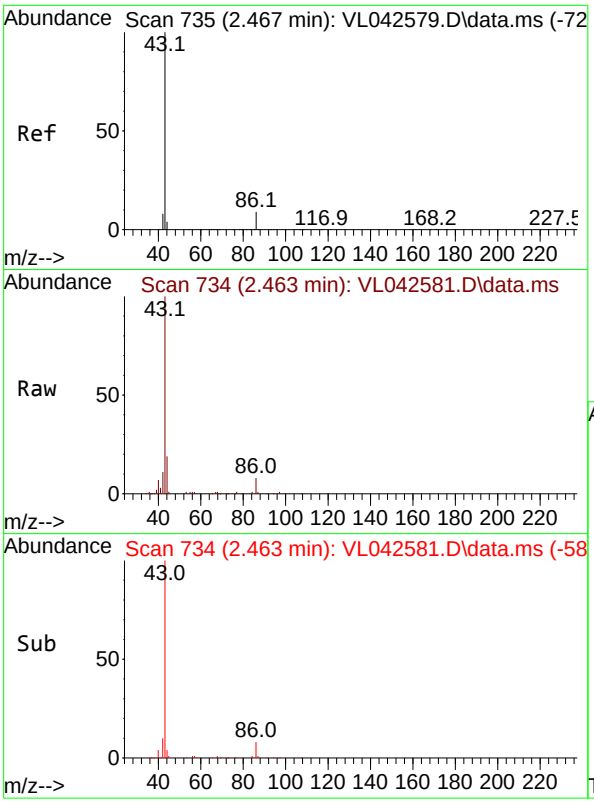


#22
trans-1,2-Dichloroethene
Concen: 1.109 ppbv
RT: 2.340 min Scan# 696
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 96 Resp: 5269

Ion	Ratio	Lower	Upper
96	100		
61	176.7	142.6	214.0
98	59.7	51.0	76.4



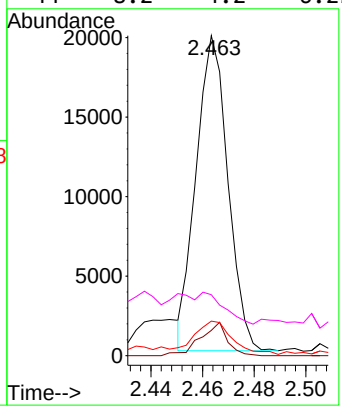


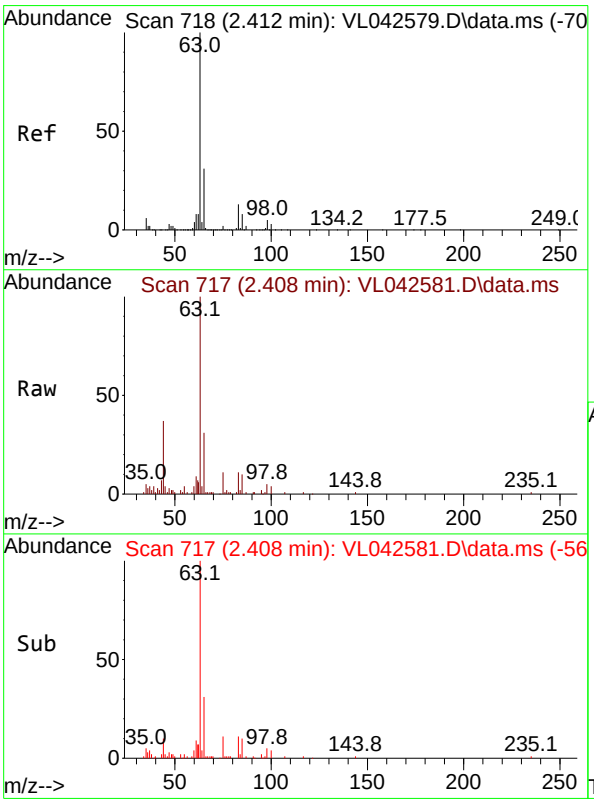
#23
Vinyl Acetate
Concen: 1.022 ppbv
RT: 2.463 min Scan# 7
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 16945

Ion	Ratio	Lower	Upper
43	100		
86	8.0	6.6	9.8
42	10.6	7.0	10.4#
44	8.2	4.2	6.2#

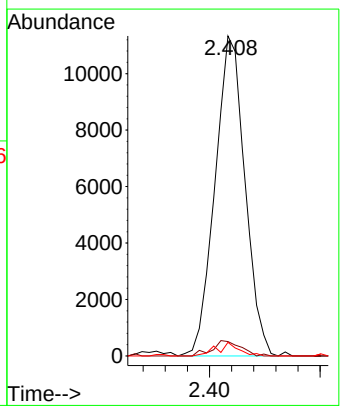


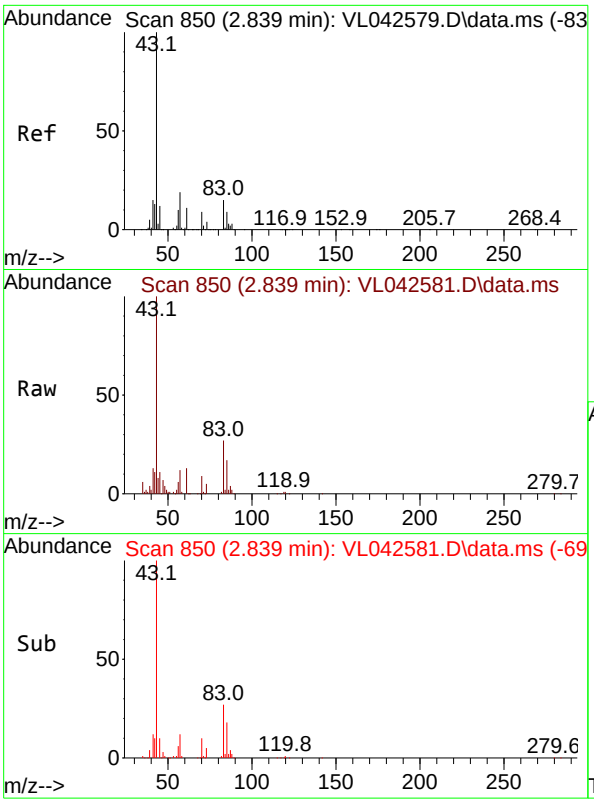


#24
1,1-Dichloroethane
Concen: 1.093 ppbv
RT: 2.408 min Scan# 717
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 63 Resp: 10651

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.4	7.1
100	4.2	1.4	4.0#



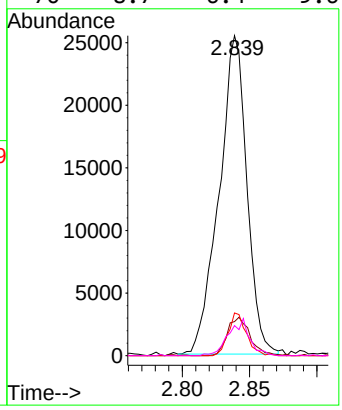


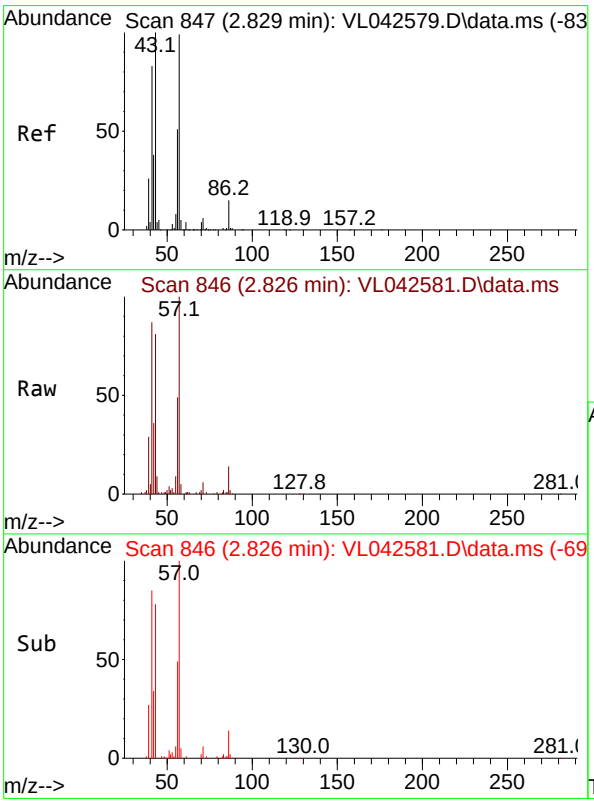
#25
Ethyl Acetate
Concen: 1.088 ppbv
RT: 2.839 min Scan# 8
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 36518

Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.2	12.2
61	8.8	7.1	10.7
70	8.7	6.4	9.6

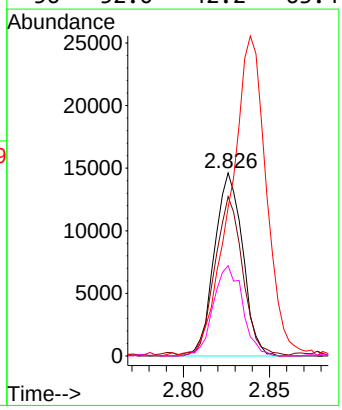


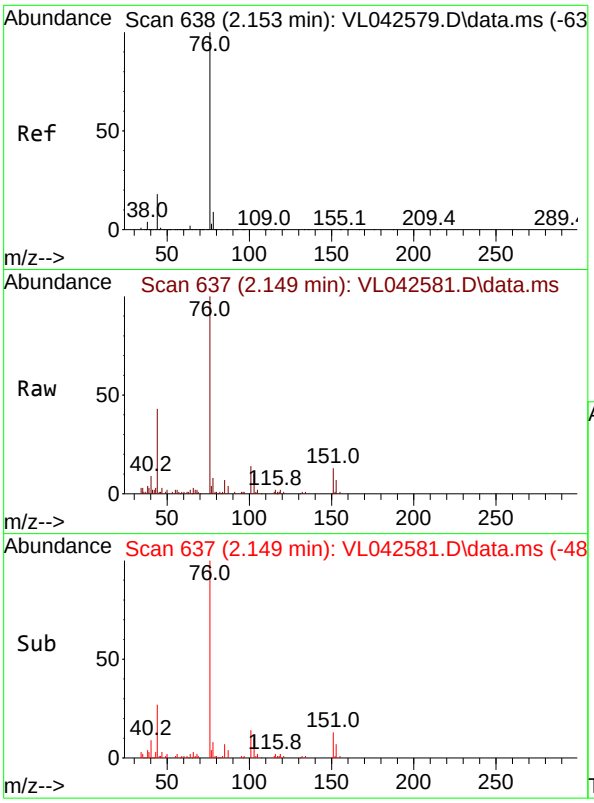


#26
Hexane
Concen: 1.094 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 57 Resp: 16686

Ion	Ratio	Lower	Upper
57	100		
41	86.1	70.6	106.0
43	227.5	181.1	271.7
56	52.0	42.2	63.4



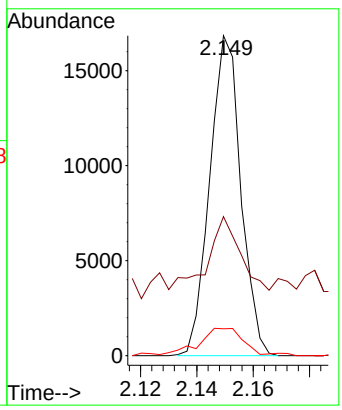


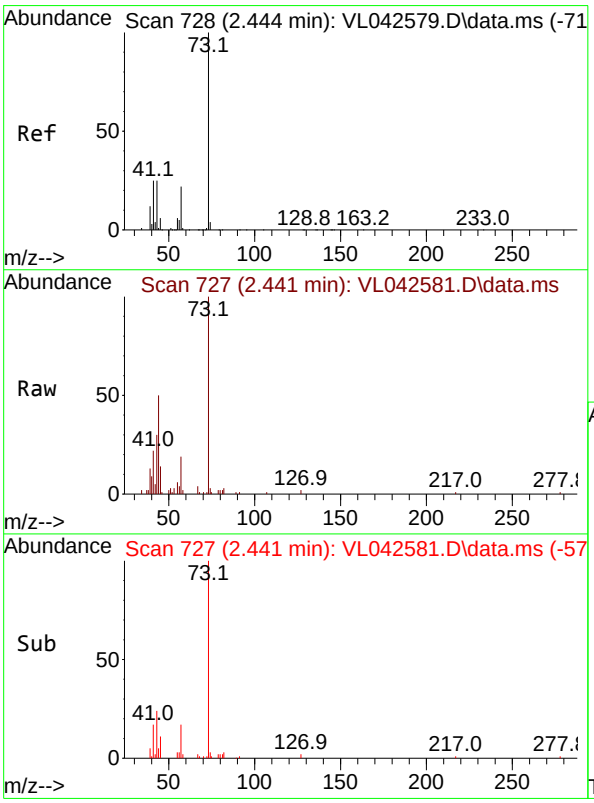
#27
Carbon Disulfide
Concen: 1.102 ppbv
RT: 2.149 min Scan# 6
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 12910

Ion	Ratio	Lower	Upper
76	100		
44	83.5	21.3	31.9#
78	12.9	9.4	14.0

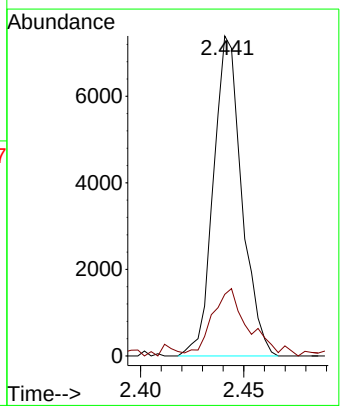


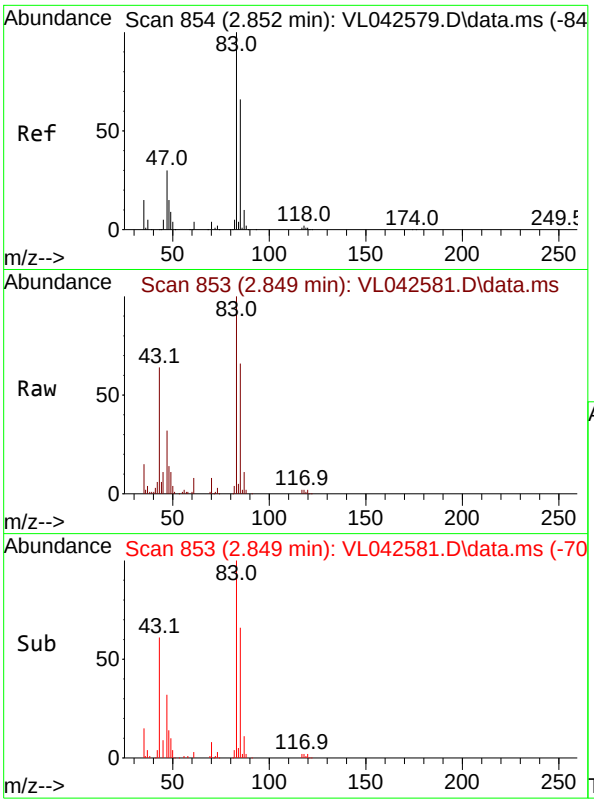


#28
Methyl tert-Butyl Ether
Concen: 1.141 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 73 Resp: 7064

Ion	Ratio	Lower	Upper
73	100		
57	28.6	19.9	29.9



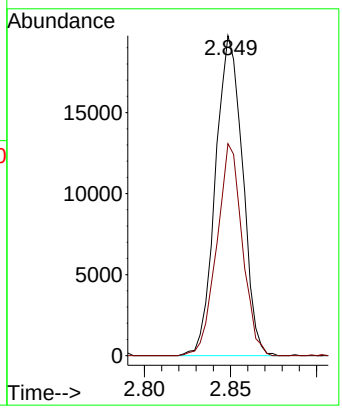


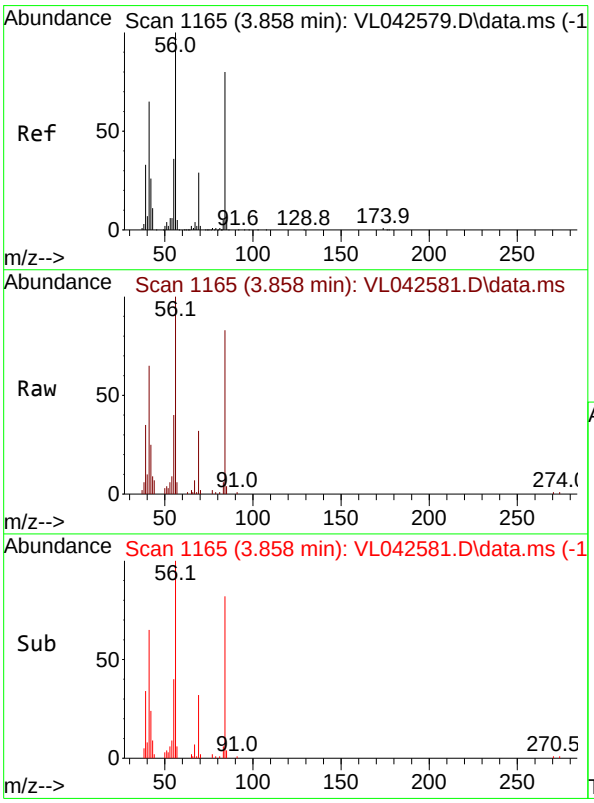
#29
Chloroform
Concen: 1.088 ppbv
RT: 2.849 min Scan# 8
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 21594

Ion	Ratio	Lower	Upper
83	100		
85	66.2	52.8	79.2

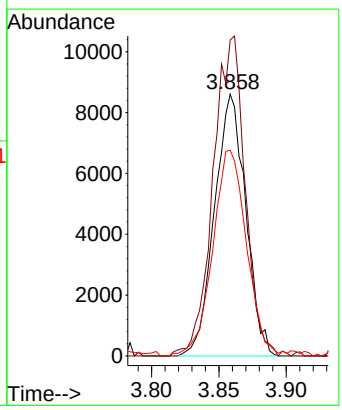


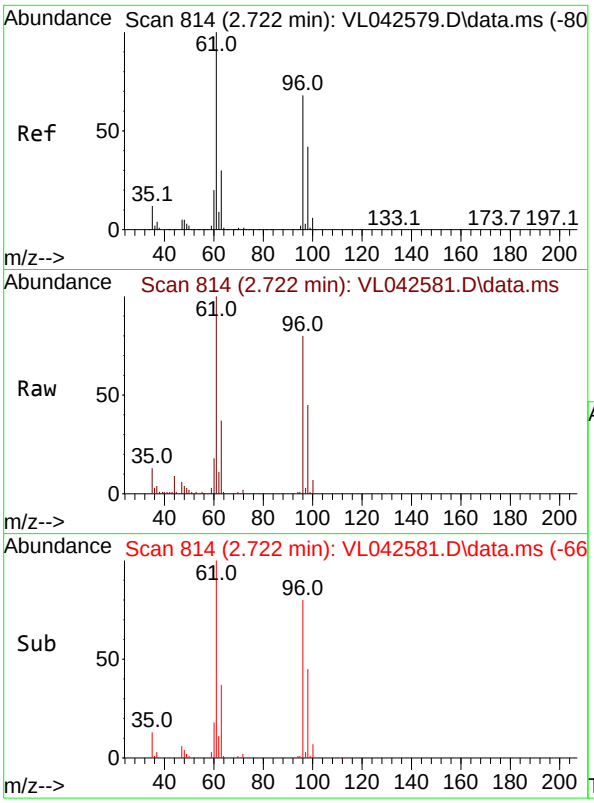


#30
Cyclohexane
Concen: 1.098 ppbv
RT: 3.858 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 84 Resp: 13889

Ion	Ratio	Lower	Upper
84	100		
56	124.8	103.7	155.5
41	85.8	65.1	97.7



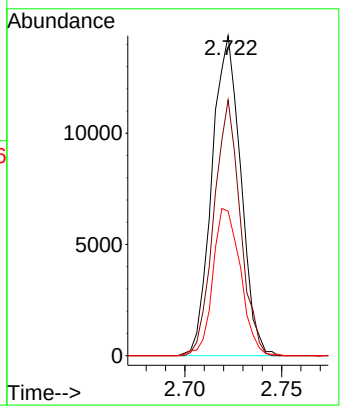


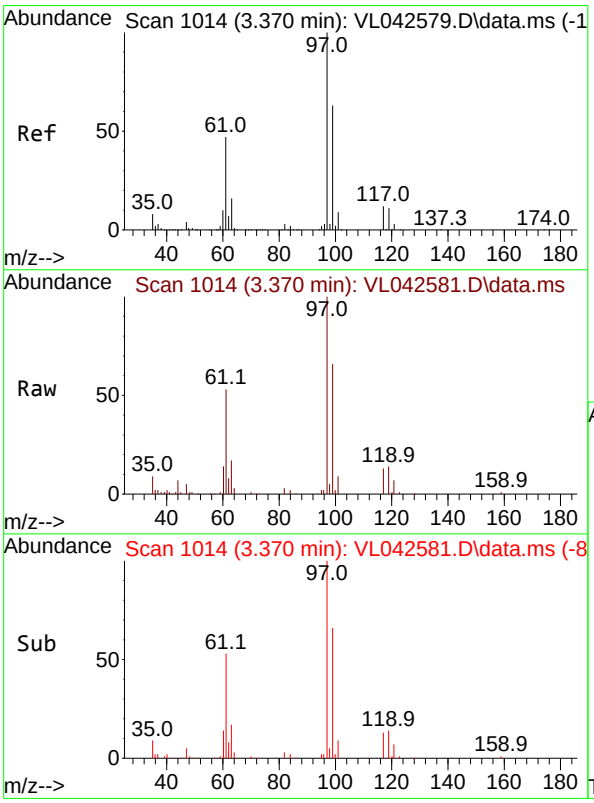
#31
cis-1,2-Dichloroethene
Concen: 1.066 ppbv
RT: 2.722 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 14880

Ion	Ratio	Lower	Upper
61	100		
96	79.9	54.5	81.7
98	45.2	33.4	50.2

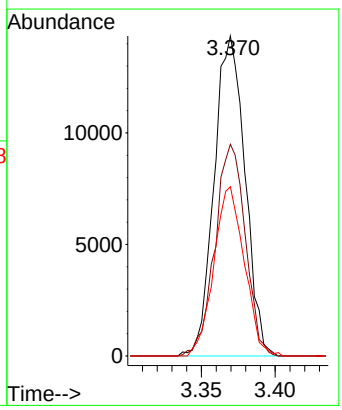


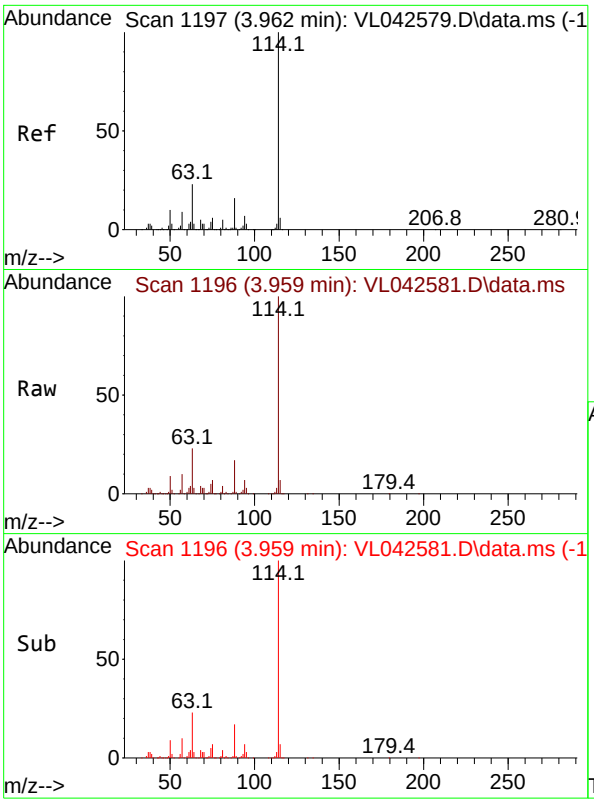


#32
1,1,1-Trichloroethane
Concen: 1.045 ppbv
RT: 3.370 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 97 Resp: 20811

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.0	76.6
61	52.3	39.4	59.0



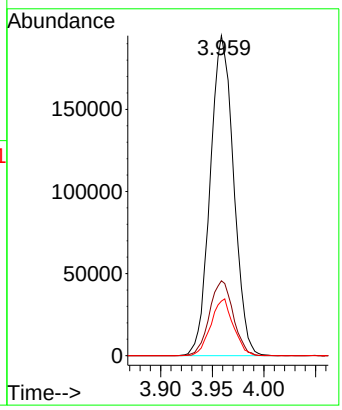


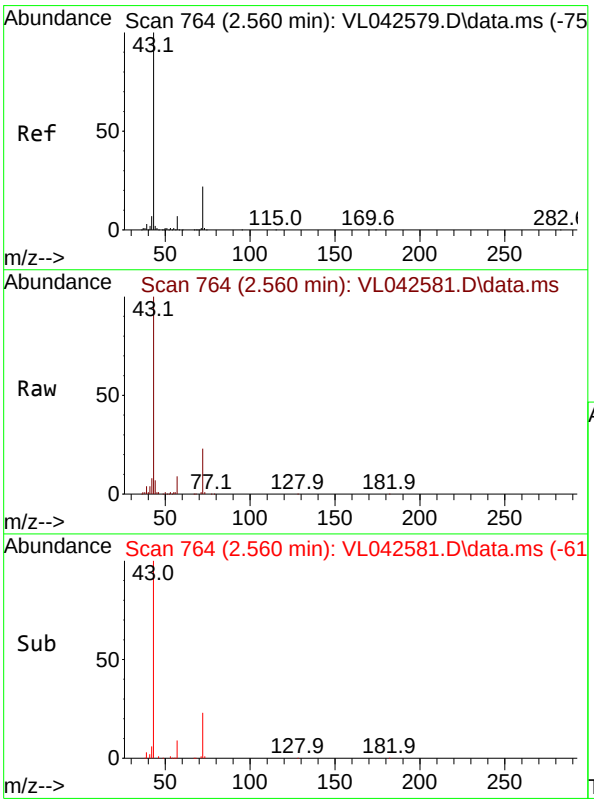
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 307159

Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.0	28.6
88	17.1	13.6	20.4

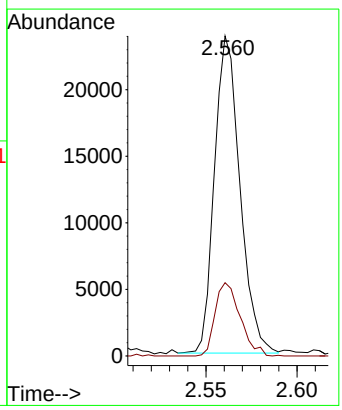


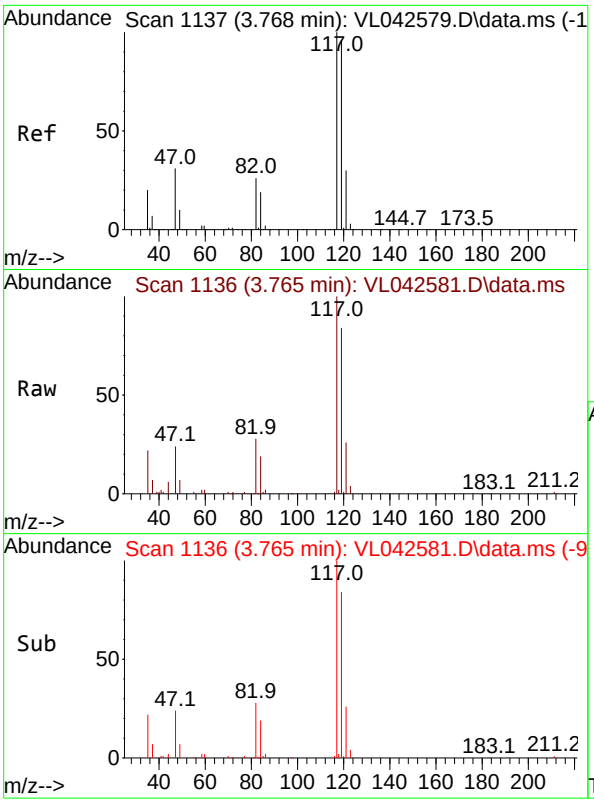


#34
2-Butanone
Concen: 1.057 ppbv
RT: 2.560 min Scan# 764
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 43 Resp: 23148

Ion	Ratio	Lower	Upper
43	100		
72	22.7	17.7	26.5



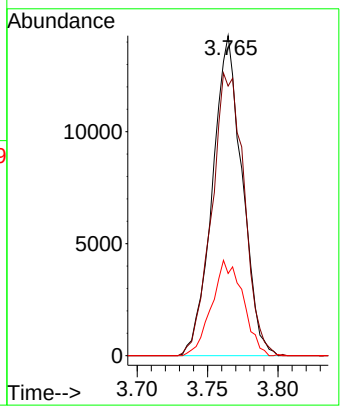


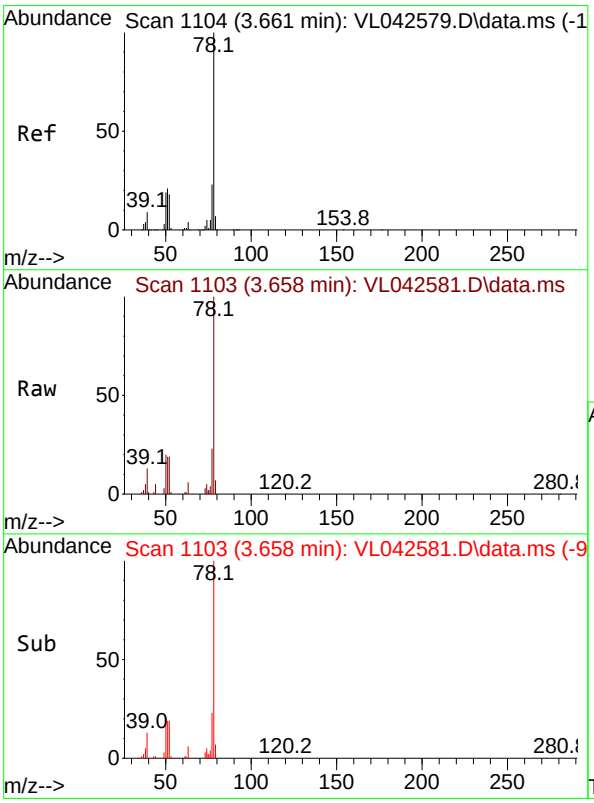
#35
Carbon Tetrachloride
Concen: 1.036 ppbv
RT: 3.765 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 21013

Ion	Ratio	Lower	Upper
117	100		
119	84.3	76.8	115.2
121	25.7	24.3	36.5

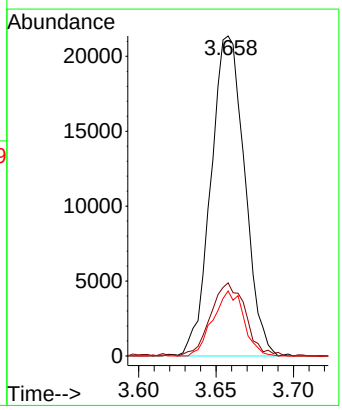


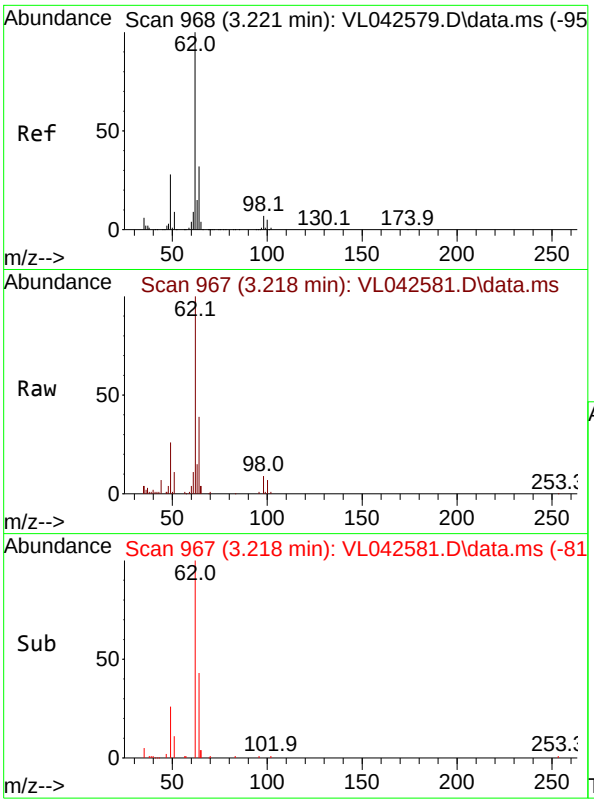


#36
Benzene
Concen: 1.068 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 78 Resp: 32310

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.2
50	20.3	15.2	22.8



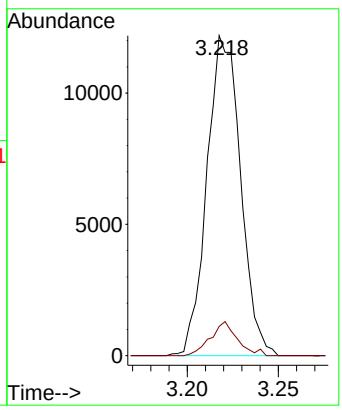


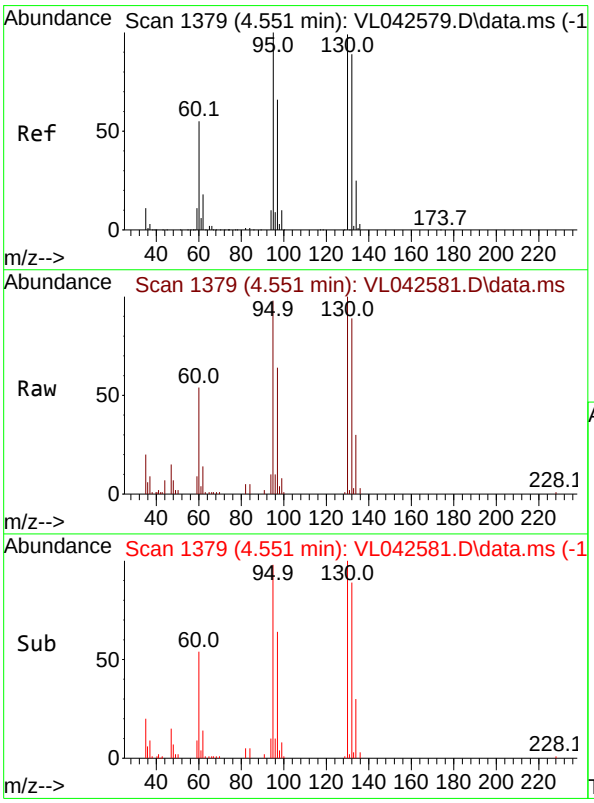
#37
1,2-Dichloroethane
Concen: 1.039 ppbv
RT: 3.218 min Scan# 9
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 15623

Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.1	9.1

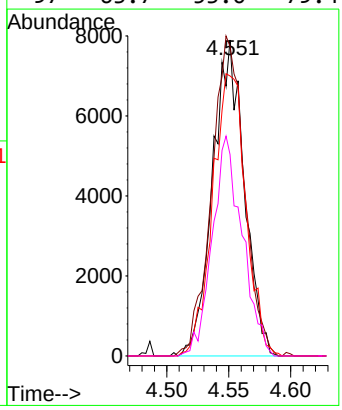


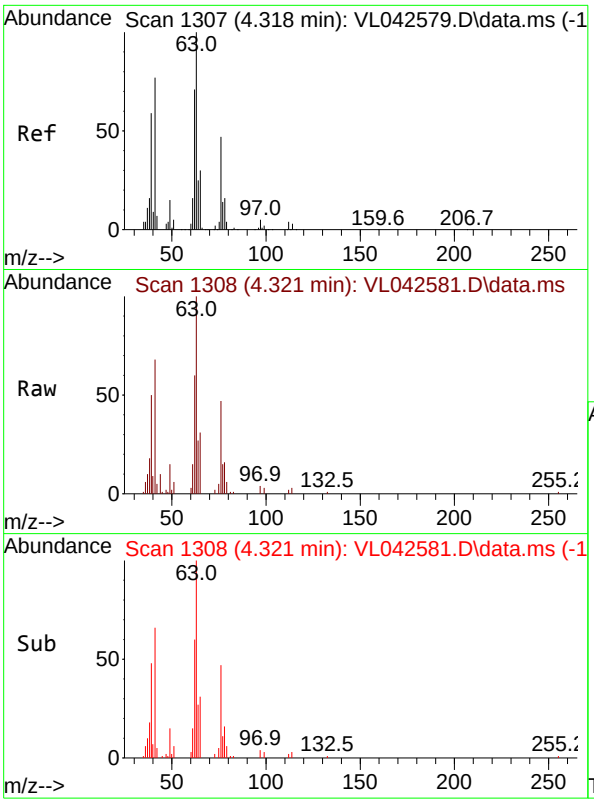


#38
Trichloroethene
Concen: 1.078 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:130 Resp: 13969

Ion	Ratio	Lower	Upper
130	100		
95	97.9	80.6	121.0
132	88.6	71.8	107.6
97	63.7	53.0	79.4



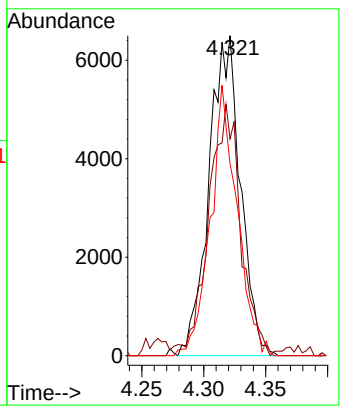


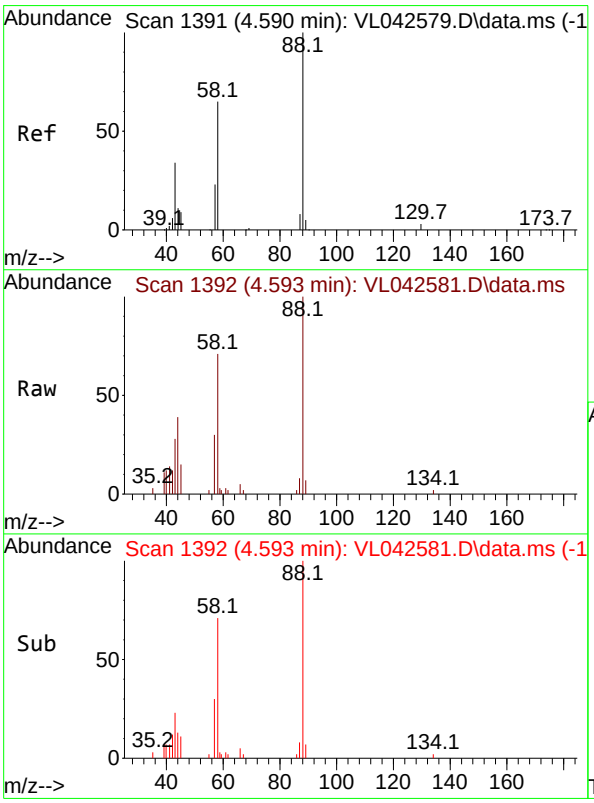
#39
1,2-Dichloropropane
Concen: 1.027 ppbv
RT: 4.321 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 11488

Ion	Ratio	Lower	Upper
63	100		
41	66.4	61.8	92.6
62	60.0	56.6	85.0

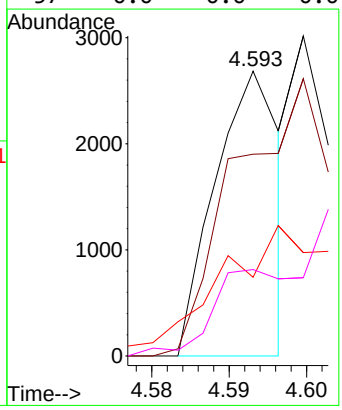


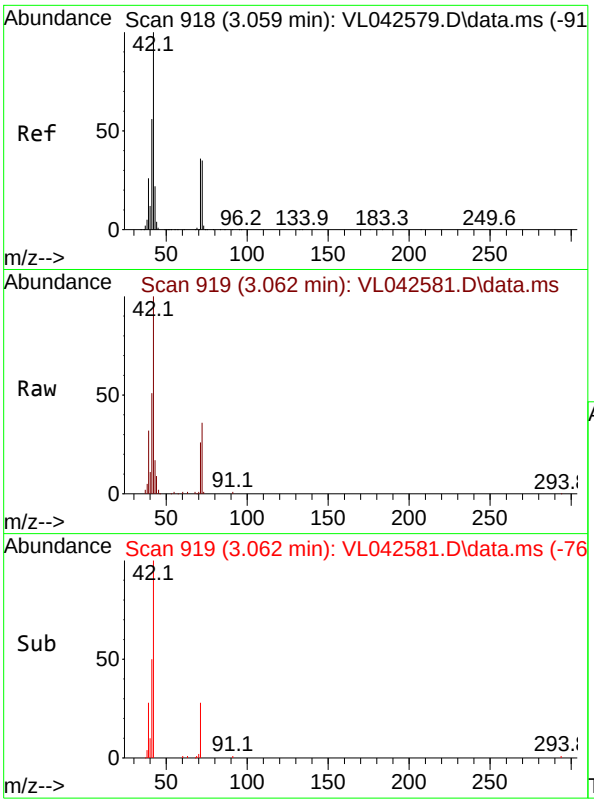


#40
1,4-Dioxane
Concen: 0.332 ppbv
RT: 4.593 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 88 Resp: 1578

Ion	Ratio	Lower	Upper
88	100		
58	0.0	55.8	83.8#
43	0.0	24.8	37.2#
57	0.0	0.0	0.0



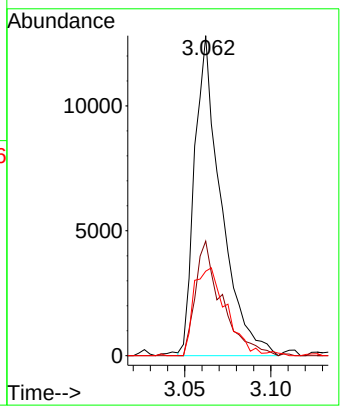


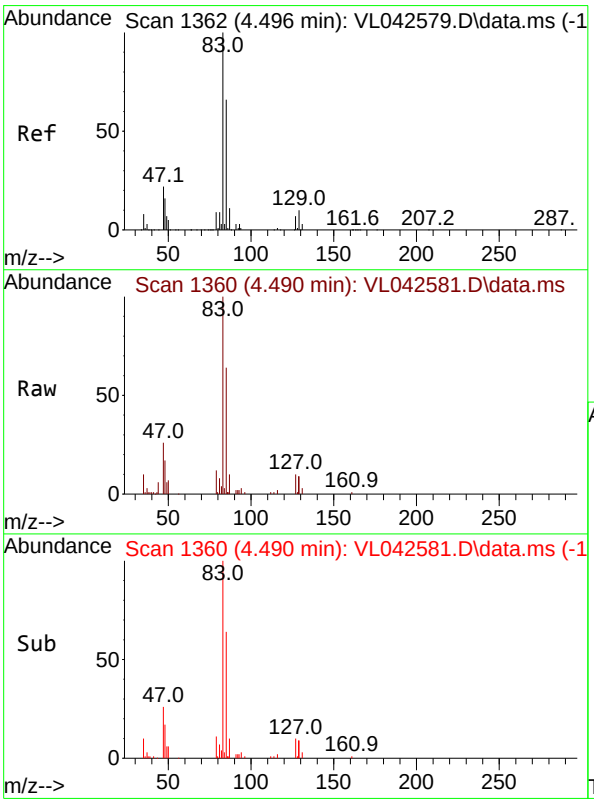
#41
Tetrahydrofuran
Concen: 1.069 ppbv
RT: 3.062 min Scan# 9
Delta R.T. 0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 13711

Ion	Ratio	Lower	Upper
42	100		
72	36.1	28.9	43.3
71	34.6	28.5	42.7

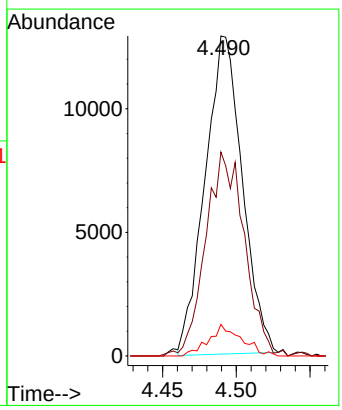


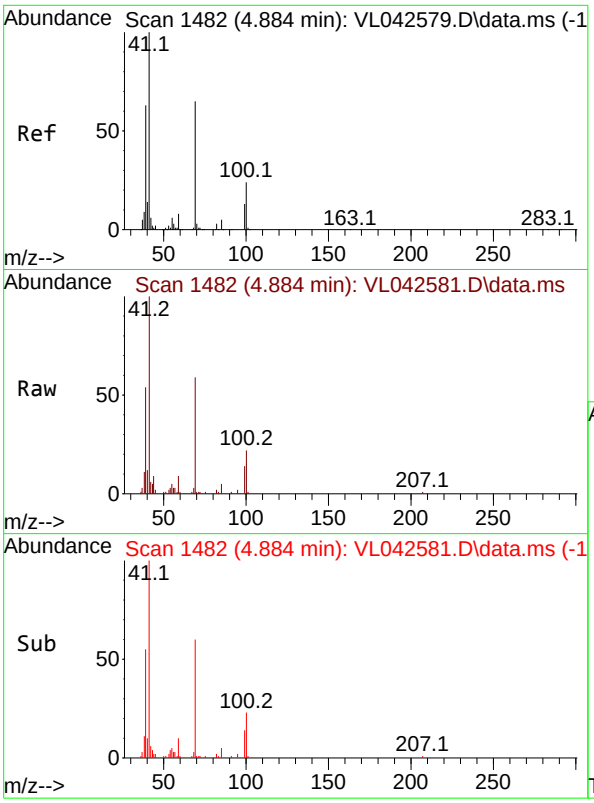


#42
Bromodichloromethane
Concen: 1.060 ppbv
RT: 4.490 min Scan# 1360
Delta R.T. -0.006 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 83 Resp: 22628

Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.7	79.1
127	10.0	5.8	8.6#



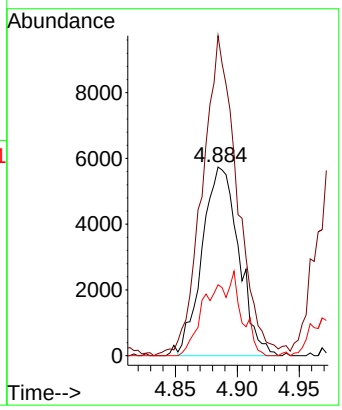


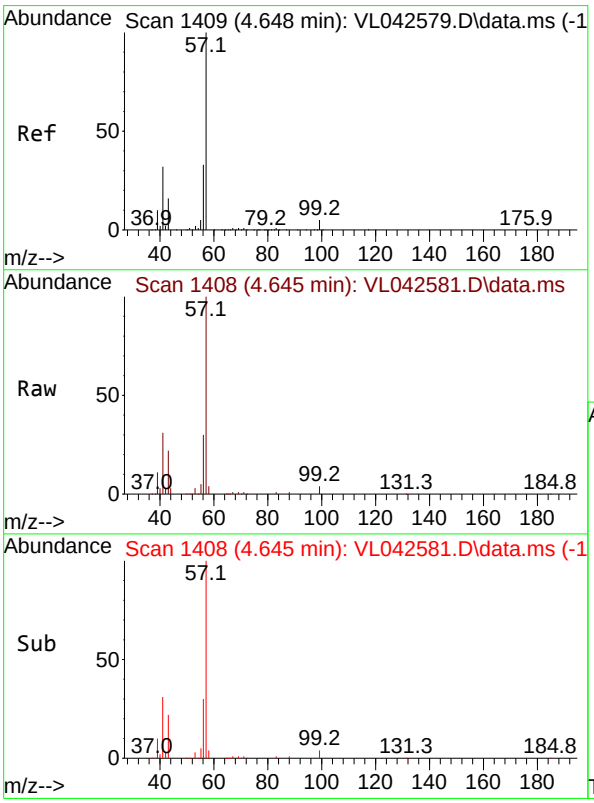
#43
Methyl Methacrylate
Concen: 1.007 ppbv
RT: 4.884 min Scan# 14
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 11810

Ion	Ratio	Lower	Upper
69	100		
41	158.9	124.6	187.0
100	41.9	29.9	44.9

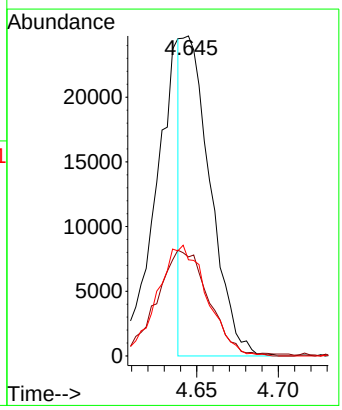


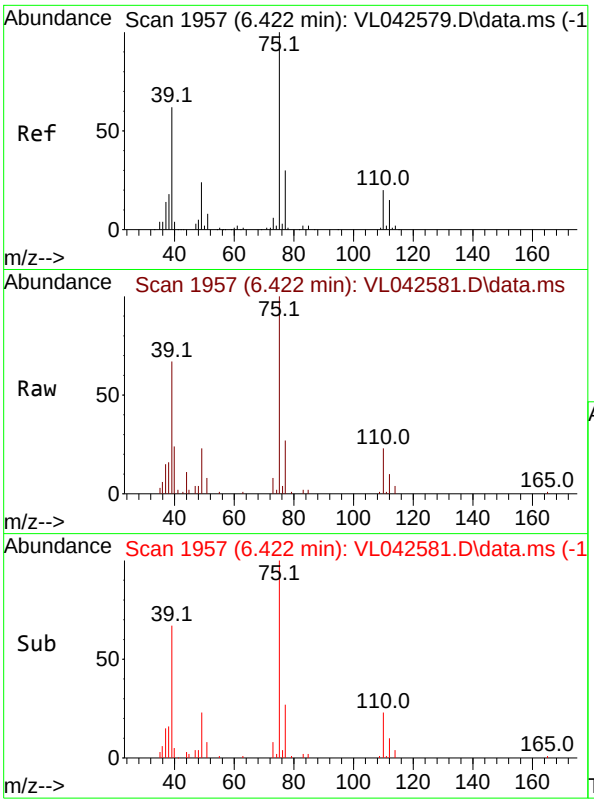


#44
2,2,4-Trimethylpentane
Concen: 0.588 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 57 Resp: 30389

Ion	Ratio	Lower	Upper
57	100		
41	62.0	26.1	39.1#
56	60.0	25.9	38.9#



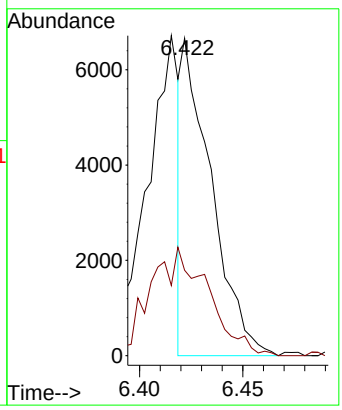


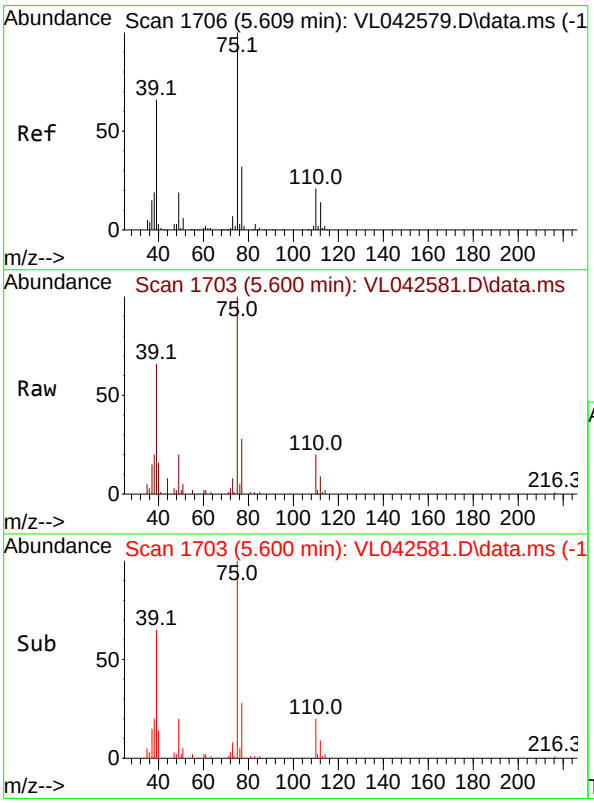
#45
t-1,3-Dichloropropene
Concen: 0.490 ppbv
RT: 6.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 6581

Ion	Ratio	Lower	Upper
75	100		
77	26.9	24.2	36.2

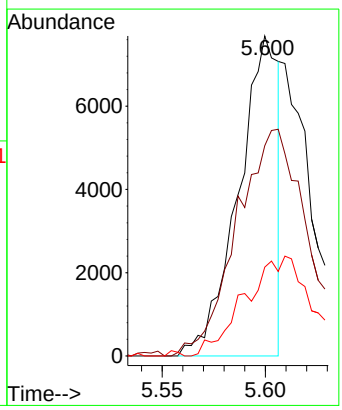


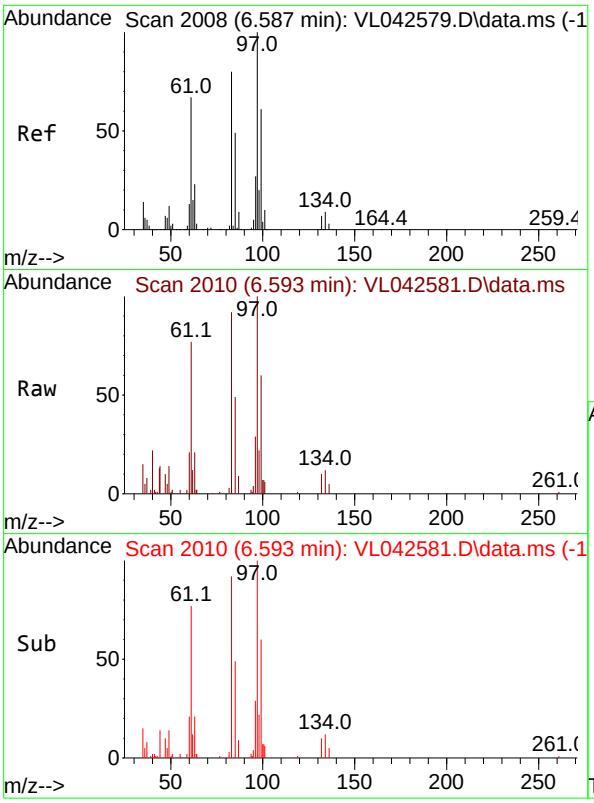


#46
cis-1,3-Dichloropropene
Concen: 0.614 ppbv
RT: 5.600 min Scan# 1703
Delta R.T. -0.010 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 75 Resp: 10330

Ion	Ratio	Lower	Upper
75	100		
39	64.6	52.7	79.1
77	26.6	25.8	38.8



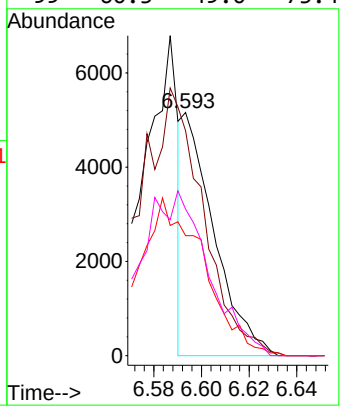


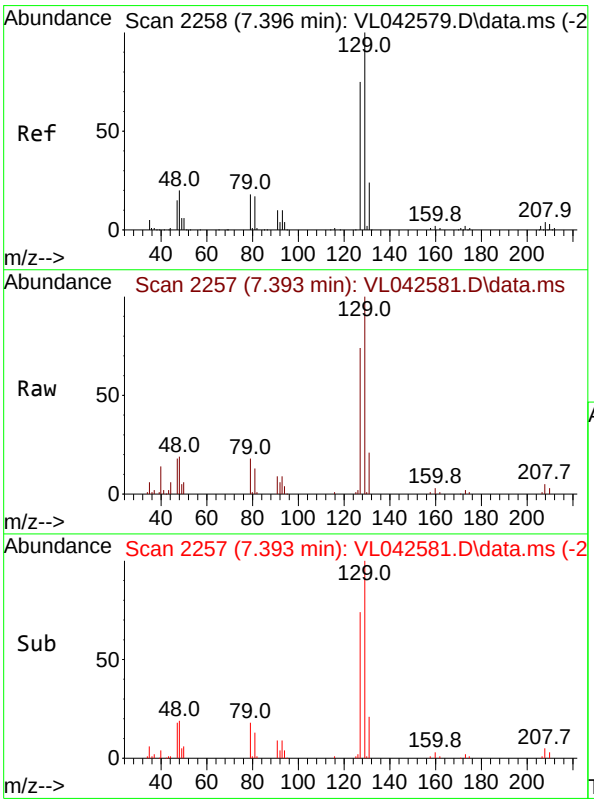
#47
1,1,2-Trichloroethane
Concen: 0.409 ppbv
RT: 6.593 min Scan# 2
Delta R.T. 0.007 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 4735

Ion	Ratio	Lower	Upper
97	100		
83	91.3	63.9	95.9
85	48.2	39.2	58.8
99	60.3	49.0	73.4

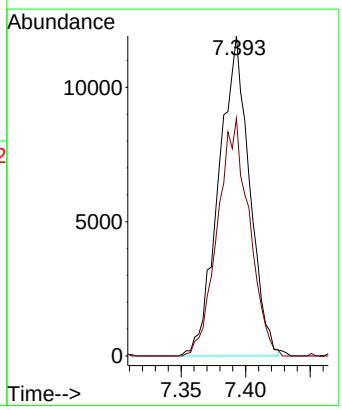


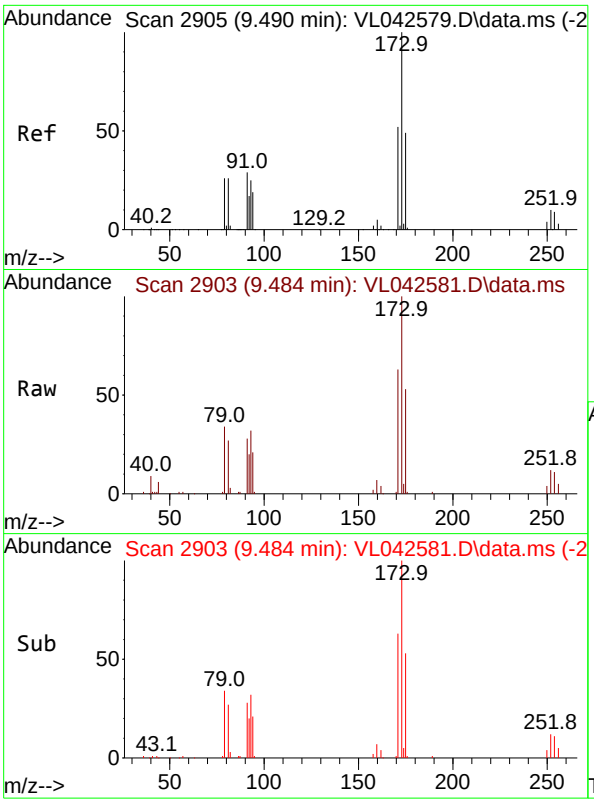


#48
Dibromochloromethane
Concen: 1.064 ppbv
RT: 7.393 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:129 Resp: 19719

Ion	Ratio	Lower	Upper
129	100		
127	76.7	39.0	116.9



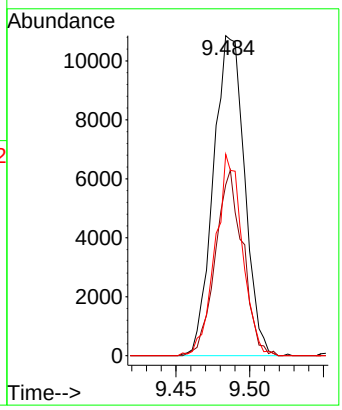


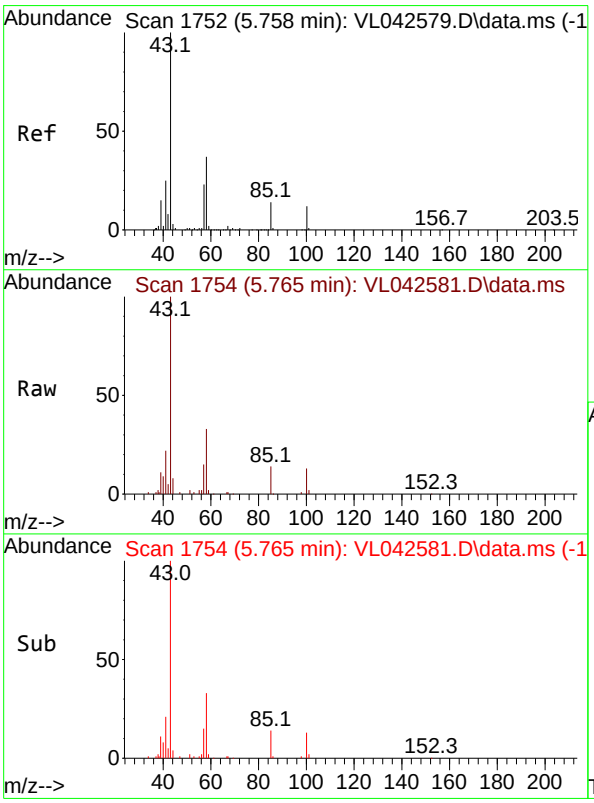
#49
Bromoform
Concen: 0.996 ppbv
RT: 9.484 min Scan# 2
Delta R.T. -0.006 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 15937

Ion	Ratio	Lower	Upper
173	100		
175	51.3	38.7	58.1
171	54.6	41.2	61.8

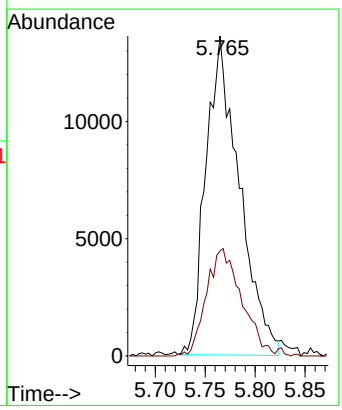


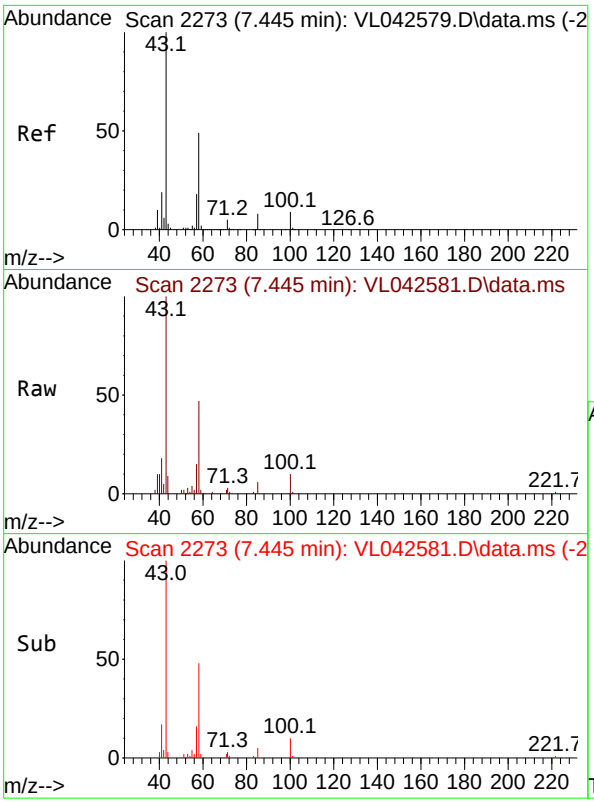


#50
4-Methyl-2-Pentanone
Concen: 1.037 ppbv
RT: 5.765 min Scan# 1754
Delta R.T. 0.007 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 43 Resp: 31646

Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.3	42.5



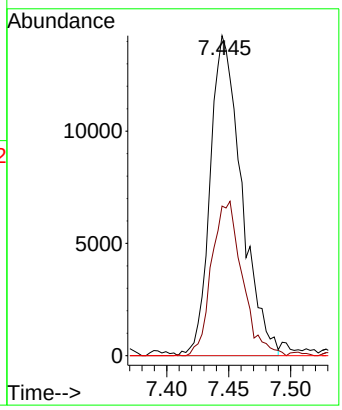


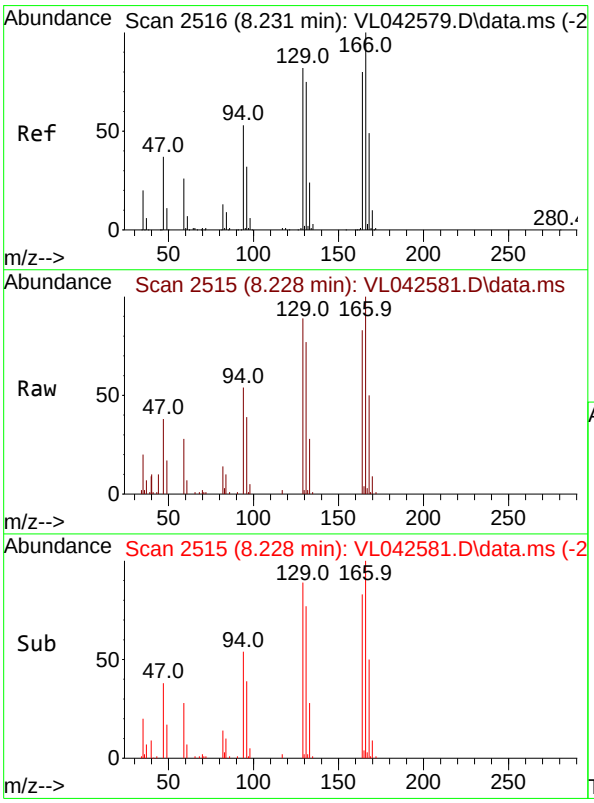
#51
2-Hexanone
Concen: 1.043 ppbv
RT: 7.445 min Scan# 2
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 25135

Ion	Ratio	Lower	Upper
43	100		
58	47.5	39.9	59.9
98	0.1	0.1	0.1#

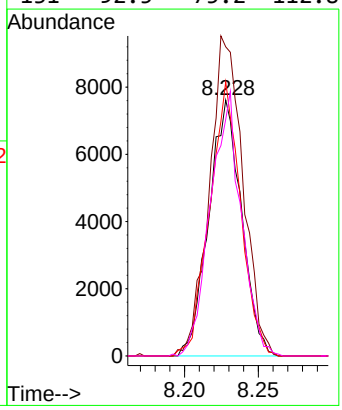


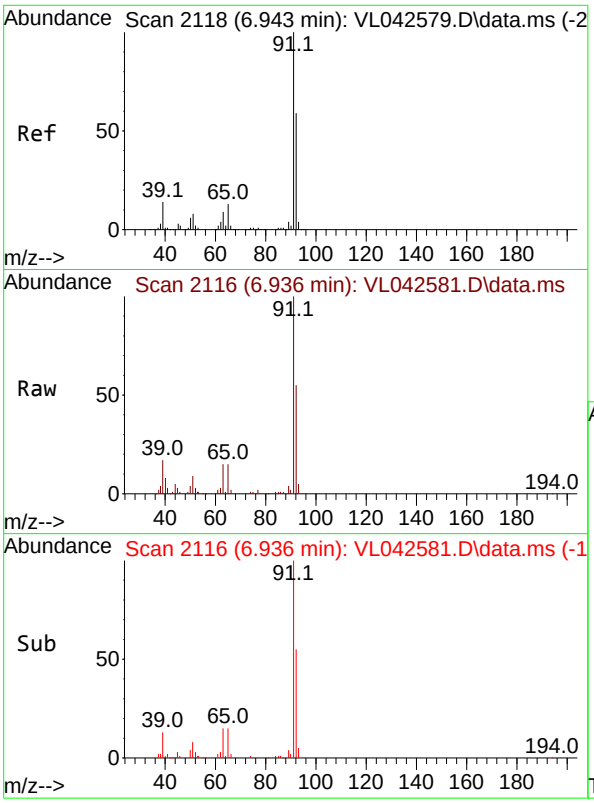


#52
Tetrachloroethene
Concen: 1.041 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:164 Resp: 11770

Ion	Ratio	Lower	Upper
164	100		
166	120.8	100.0	150.0
129	107.2	82.2	123.4
131	92.5	75.2	112.8



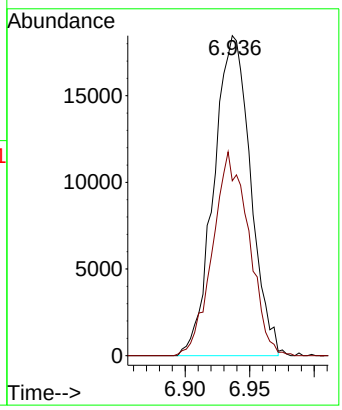


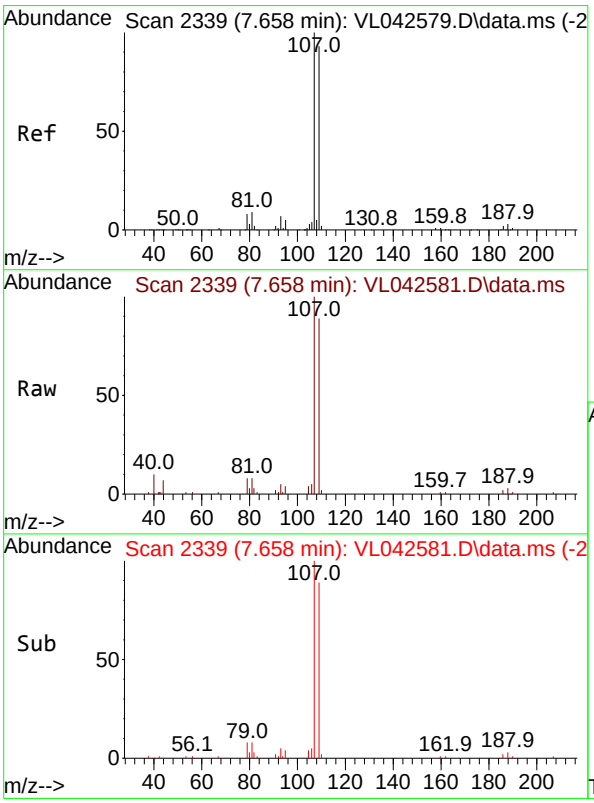
#53
Toluene
Concen: 1.045 ppbv
RT: 6.936 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 36540

Ion	Ratio	Lower	Upper
91	100		
92	62.6	48.2	72.4

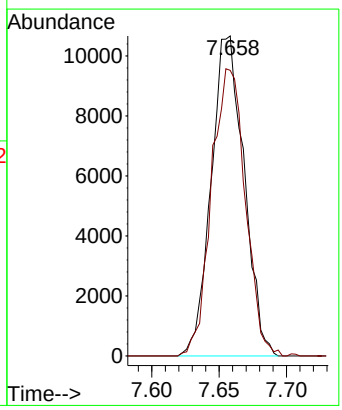


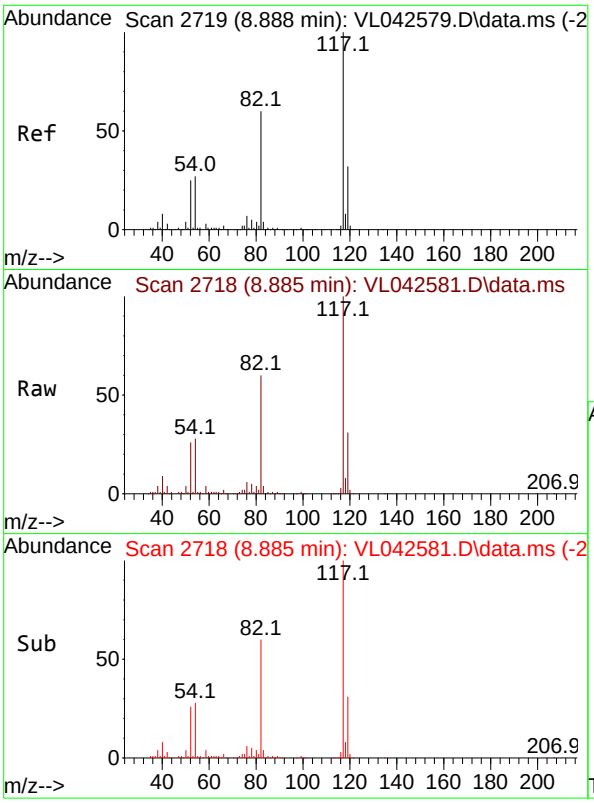


#54
1,2-Dibromoethane
Concen: 1.055 ppbv
RT: 7.658 min Scan# 2339
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:107 Resp: 18114

Ion	Ratio	Lower	Upper
107	100		
109	89.3	74.3	111.5



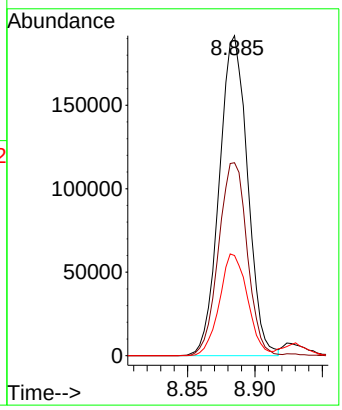


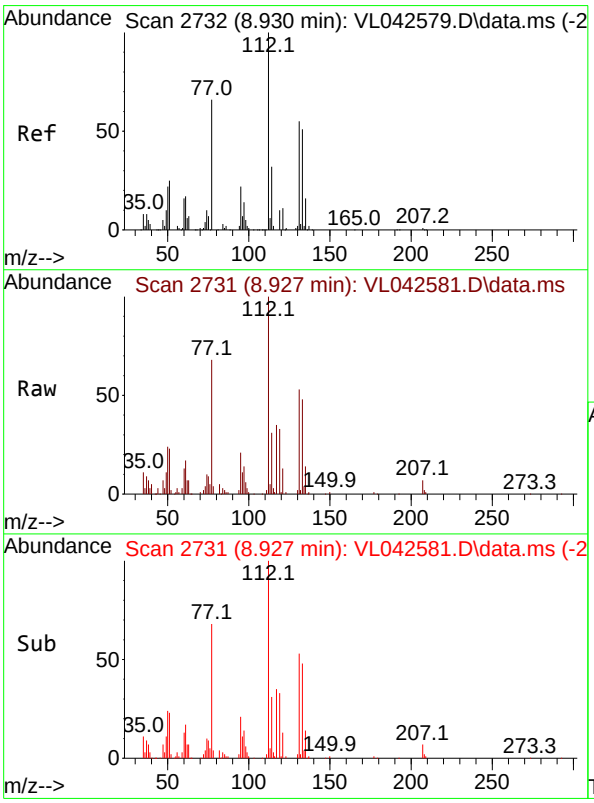
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 279402

Ion	Ratio	Lower	Upper
117	100		
82	61.5	51.2	76.8
119	31.7	26.3	39.5

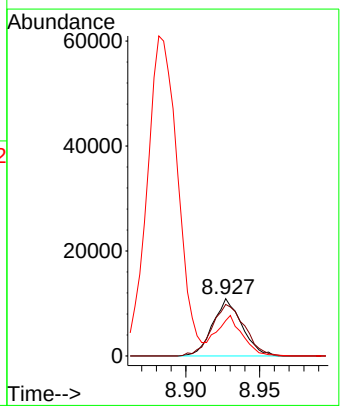


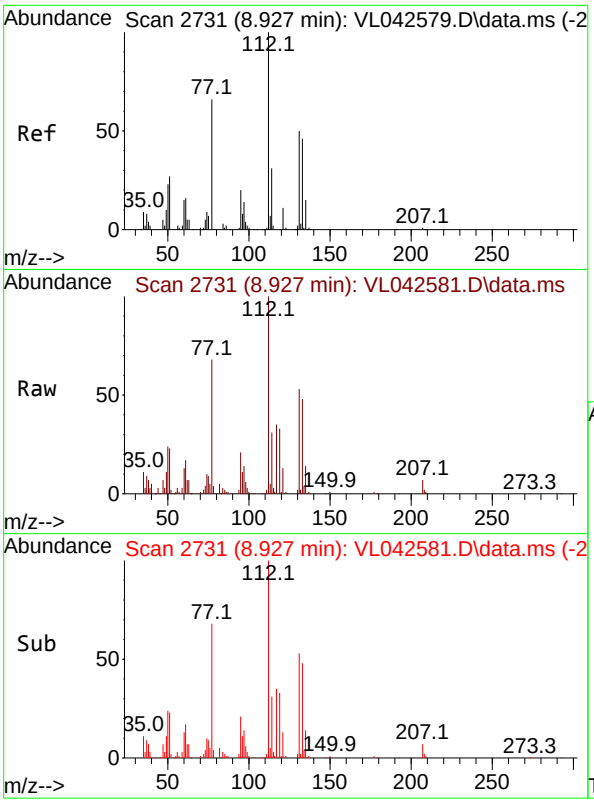


#56
1,1,1,2-Tetrachloroethane
Concen: 1.066 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:131 Resp: 14971

Ion	Ratio	Lower	Upper
131	100		
133	101.1	75.0	112.6
119	62.0	50.8	76.2



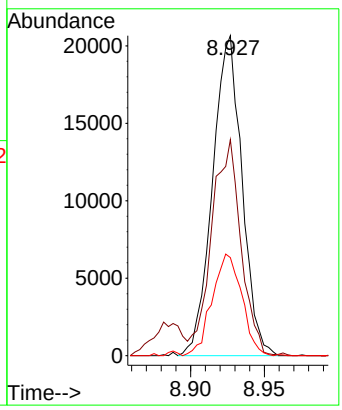


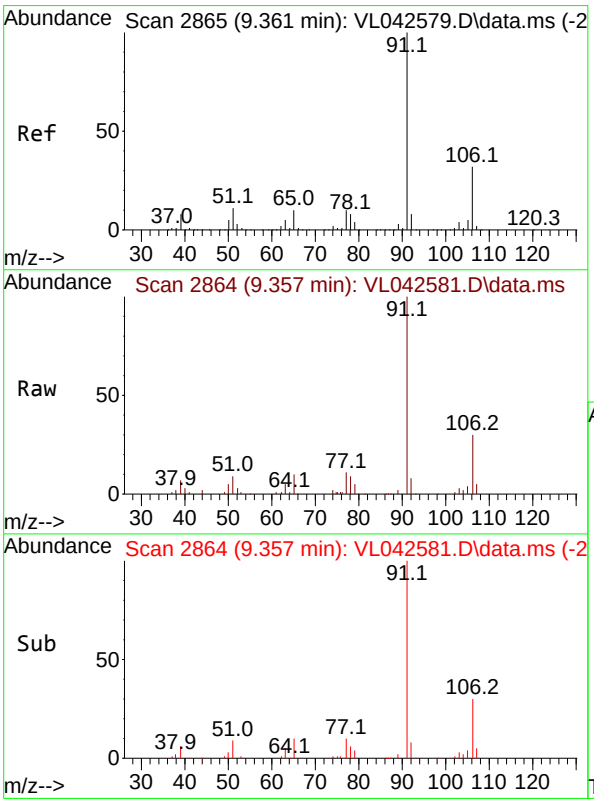
#57
Chlorobenzene
Concen: 1.058 ppbv
RT: 8.927 min Scan# 2
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 28714

Ion	Ratio	Lower	Upper
112	100		
77	67.1	53.5	80.3
114	30.4	27.8	34.0

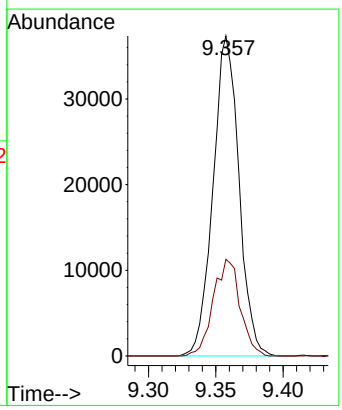


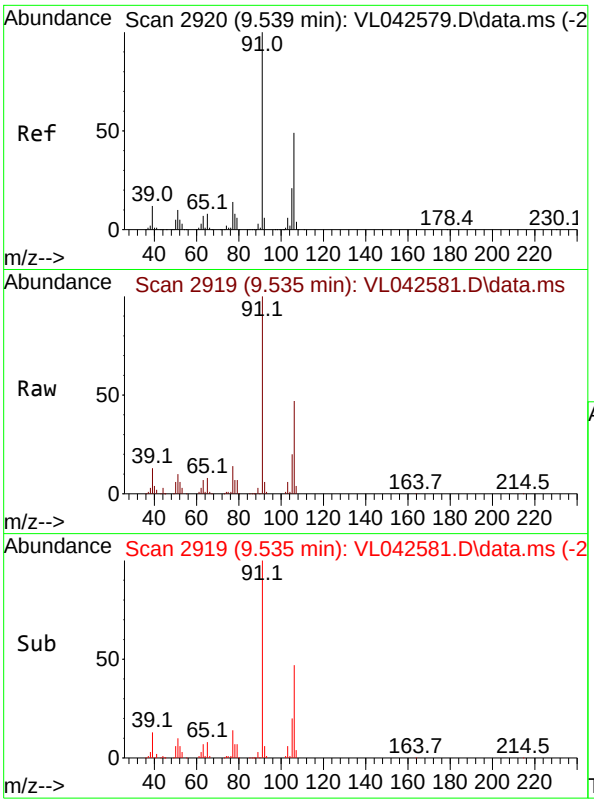


#58
Ethyl Benzene
Concen: 1.053 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 91 Resp: 49899

Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.9	38.9



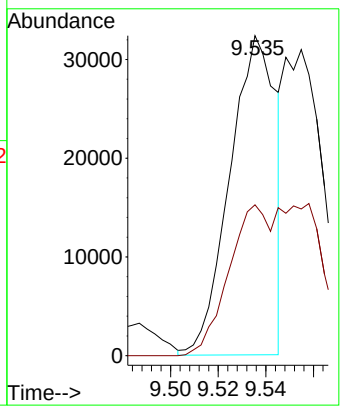


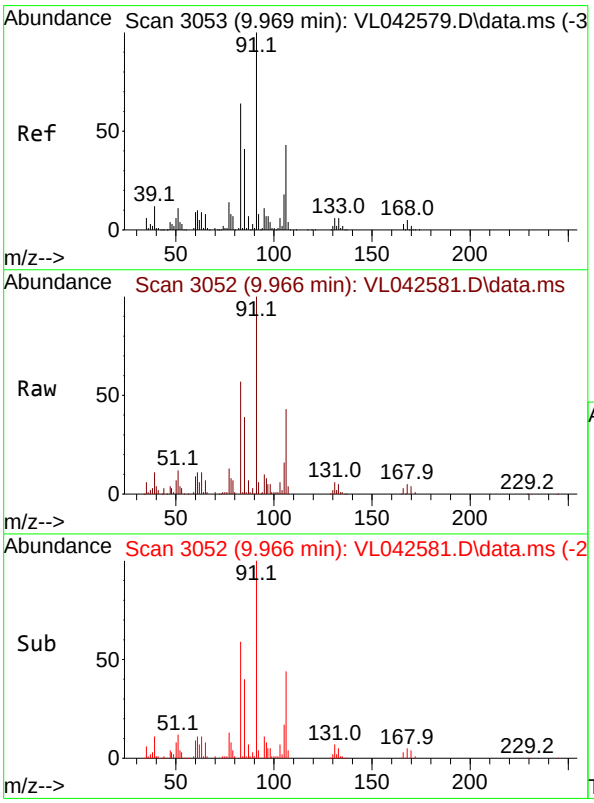
#59
m/p-Xylene
Concen: 1.163 ppbv
RT: 9.535 min Scan# 2
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 43372

Ion	Ratio	Lower	Upper
91	100		
106	0.0	38.8	58.2#

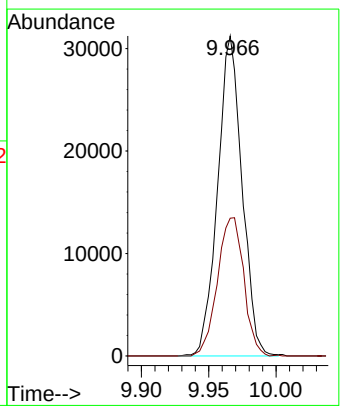


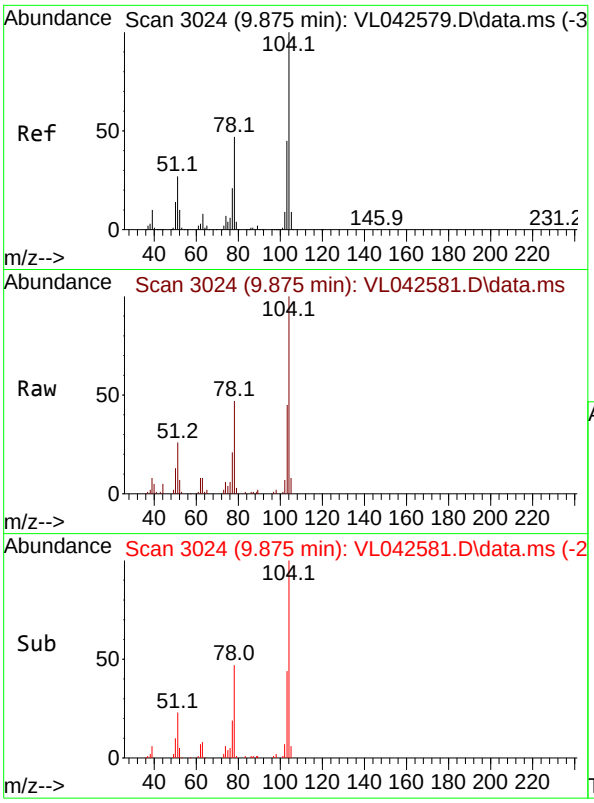


#60
o-Xylene
Concen: 1.059 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 91 Resp: 39398

Ion	Ratio	Lower	Upper
91	100		
106	46.6	22.9	68.5



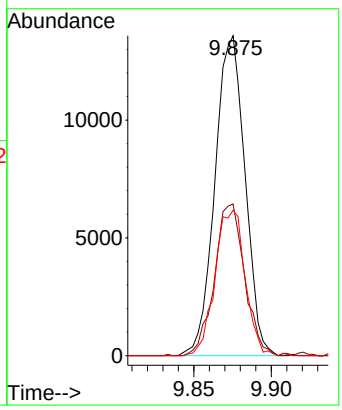


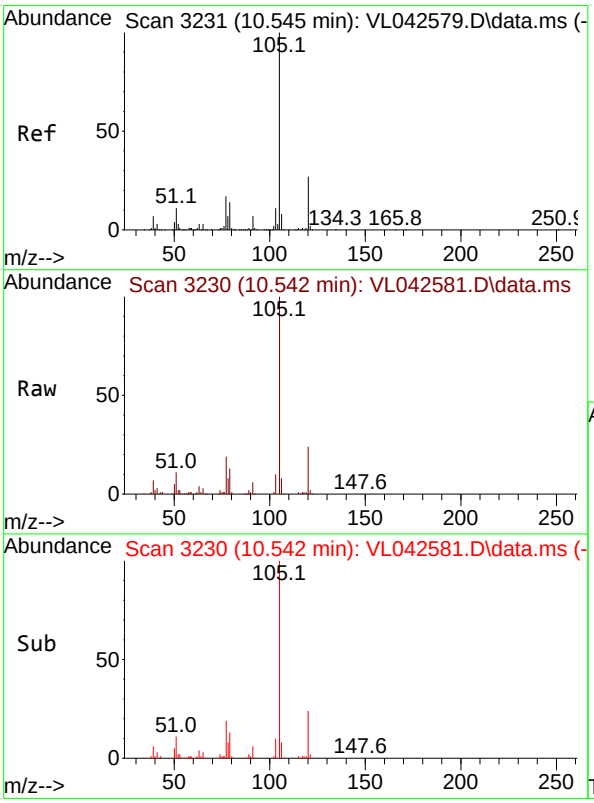
#61
Styrene
Concen: 1.045 ppbv
RT: 9.875 min Scan# 3
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 18371

Ion	Ratio	Lower	Upper
104	100		
78	47.6	38.2	57.4
103	45.5	36.7	55.1

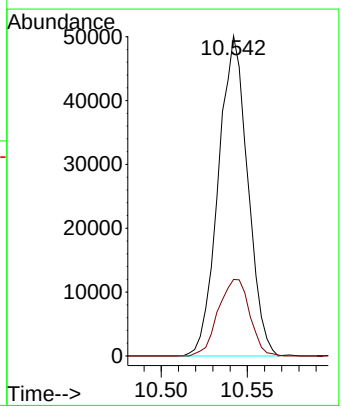


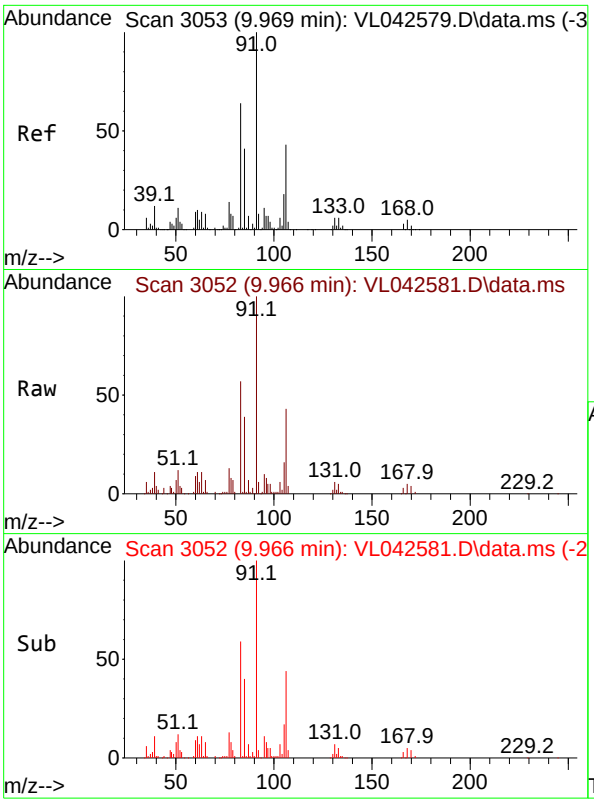


#62
Isopropylbenzene
Concen: 1.083 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:105 Resp: 59492

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.9	31.3



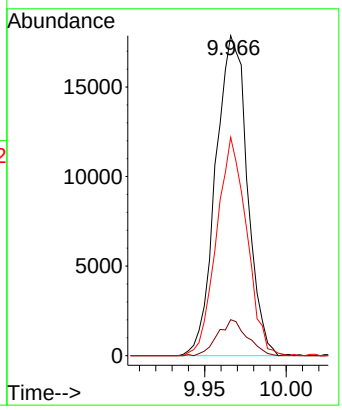


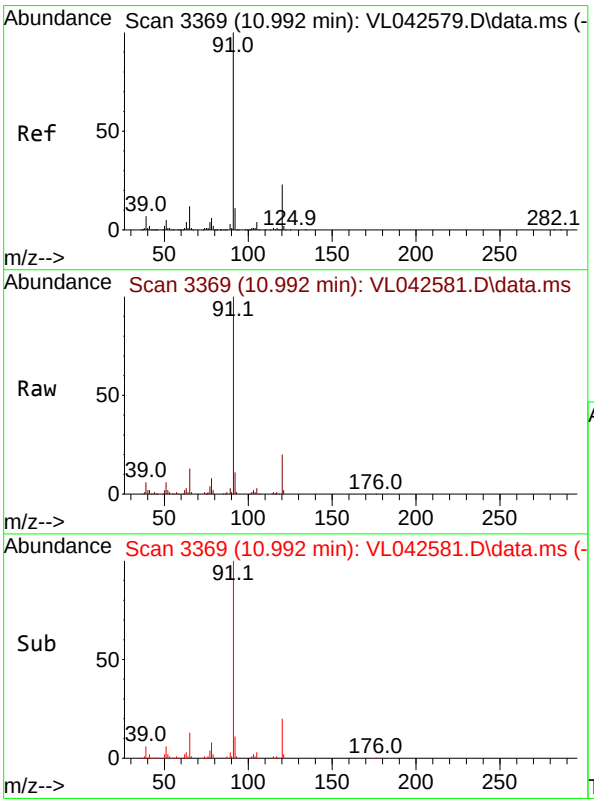
#63
1,1,2,2-Tetrachloroethane
Concen: 1.017 ppbv
RT: 9.966 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 24057

Ion	Ratio	Lower	Upper
83	100		
131	10.5	4.8	14.4
85	65.3	32.5	97.4

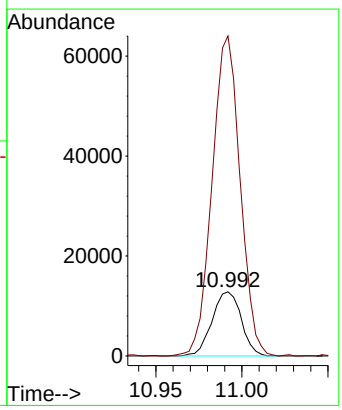


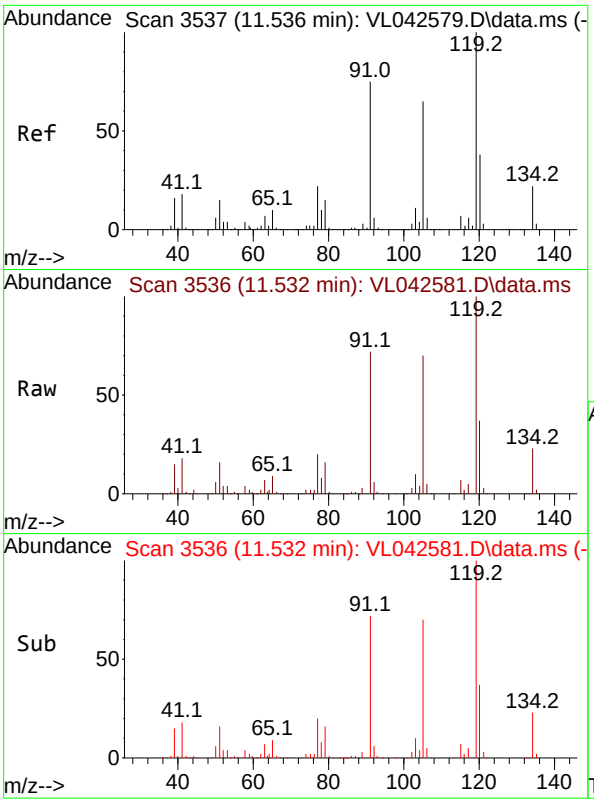


#64
n-propylbenzene
Concen: 1.026 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:120 Resp: 15107

Ion	Ratio	Lower	Upper
120	100		
91	480.9	363.0	544.6



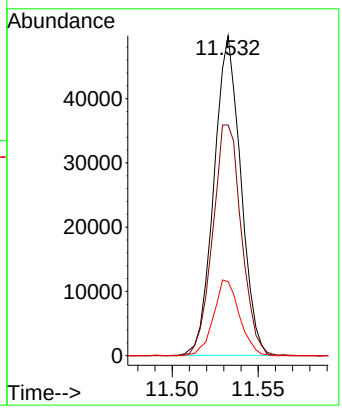


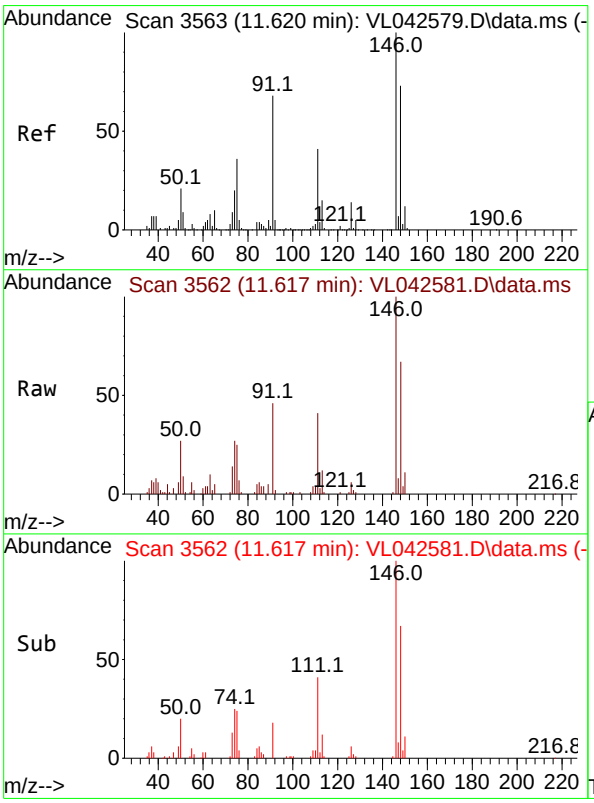
#65
tert-Butylbenzene
Concen: 1.077 ppbv
RT: 11.532 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 53720

Ion	Ratio	Lower	Upper
119	100		
91	77.4	61.1	91.7
134	23.0	17.4	26.2

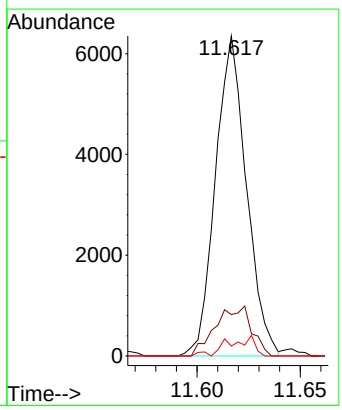


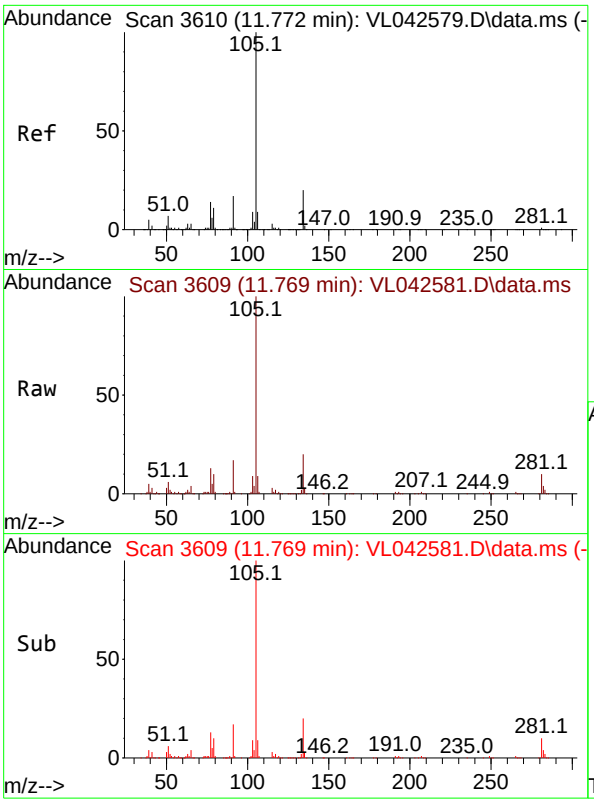


#66
Benzyl Chloride
Concen: 1.029 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 91 Resp: 6617

Ion	Ratio	Lower	Upper
91	100		
126	18.1	15.1	22.7
128	5.3	5.0	7.6



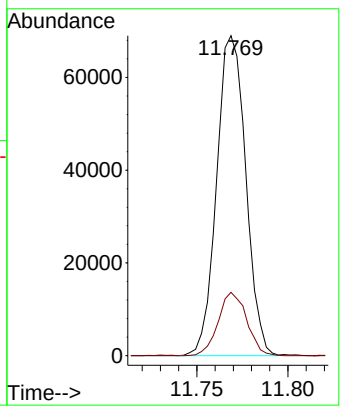


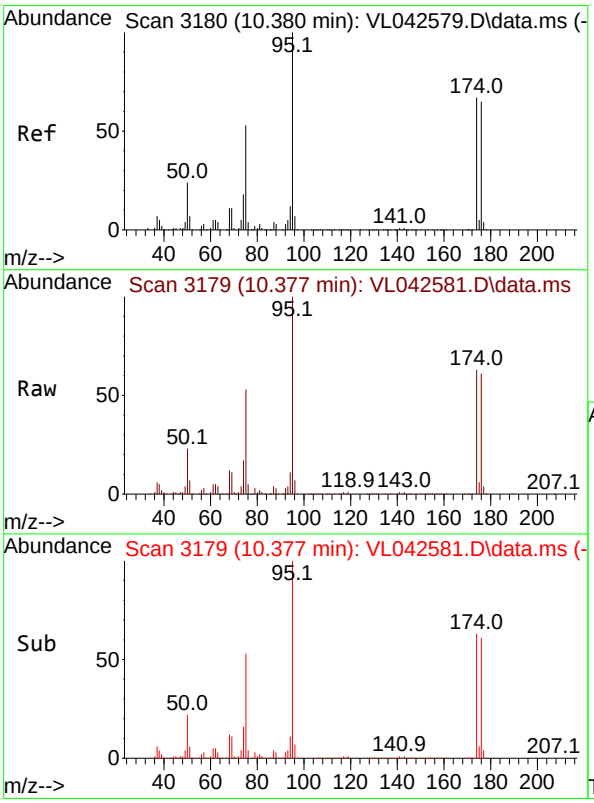
#67
sec-Butylbenzene
Concen: 1.093 ppbv
RT: 11.769 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 76631

Ion	Ratio	Lower	Upper
105	100		
134	19.5	15.8	23.6

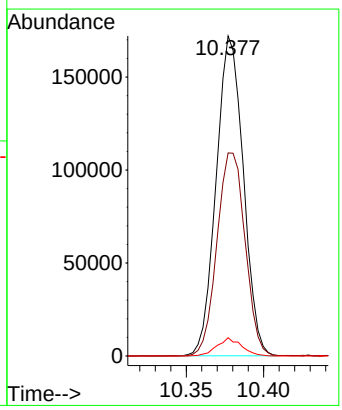


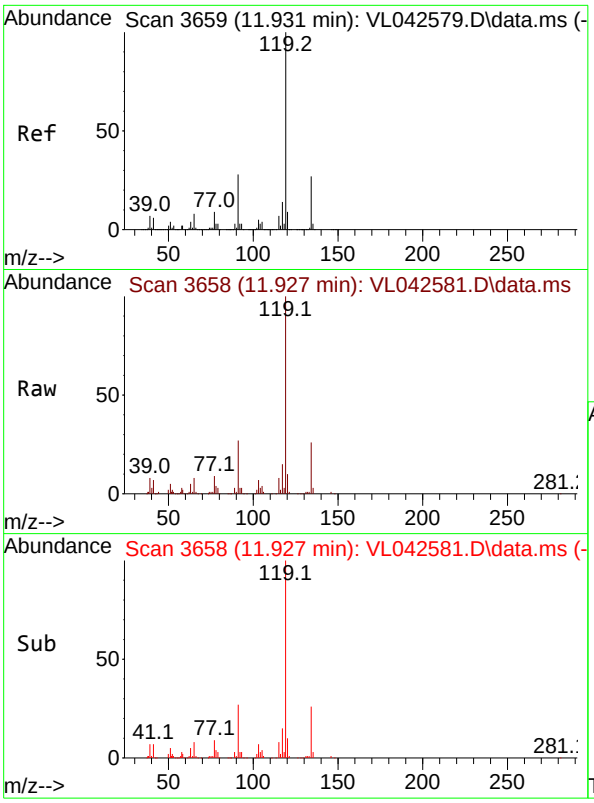


#68
1-Bromo-4-Fluorobenzene
Concen: 10.021 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 95 Resp: 209886

Ion	Ratio	Lower	Upper
95	100		
174	66.0	53.1	79.7
175	5.1	4.2	6.2



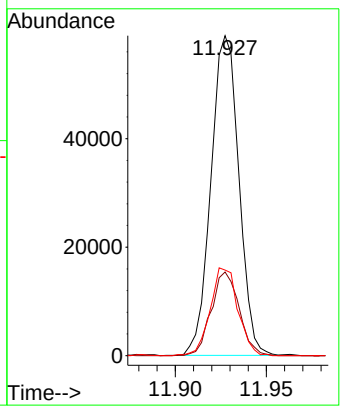


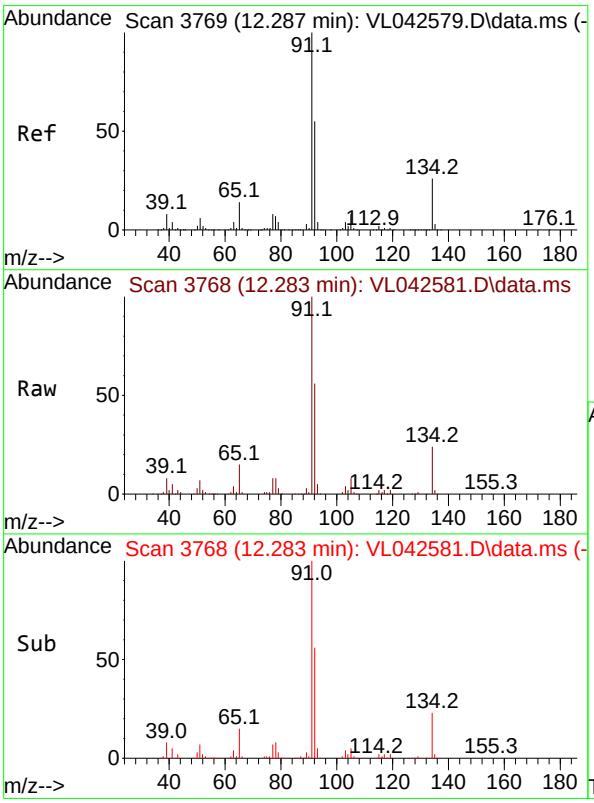
#69
p-Isopropyltoluene
Concen: 1.070 ppbv
RT: 11.927 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 62849

Ion	Ratio	Lower	Upper
119	100		
134	26.2	21.1	31.7
91	27.4	21.9	32.9

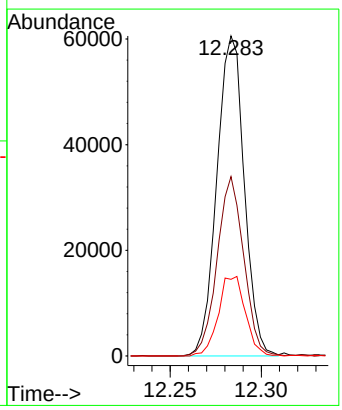


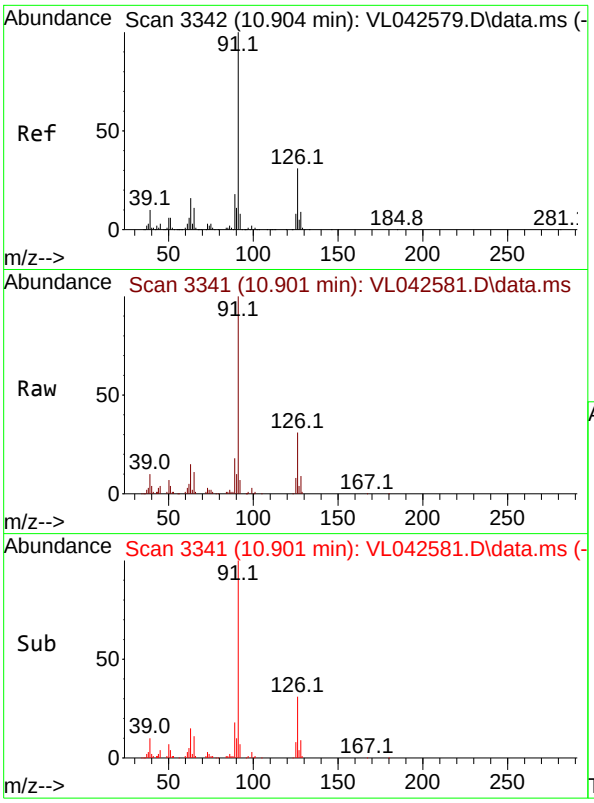


#70
n-Butylbenzene
Concen: 1.093 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion: 91 Resp: 63350

Ion	Ratio	Lower	Upper
91	100		
92	54.6	44.4	66.6
134	24.8	20.1	30.1



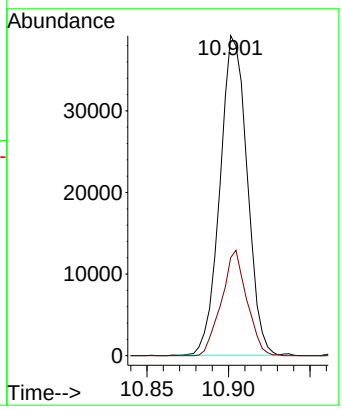


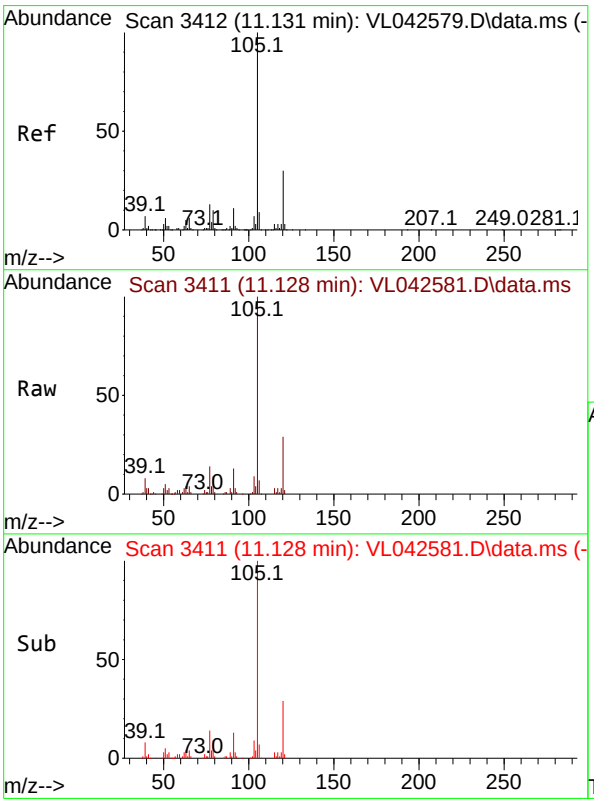
#71
2-Chlorotoluene
Concen: 1.080 ppbv
RT: 10.901 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 45250

Ion	Ratio	Lower	Upper
91	100		
126	30.9	12.6	50.4

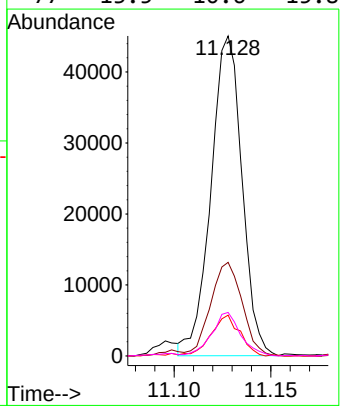


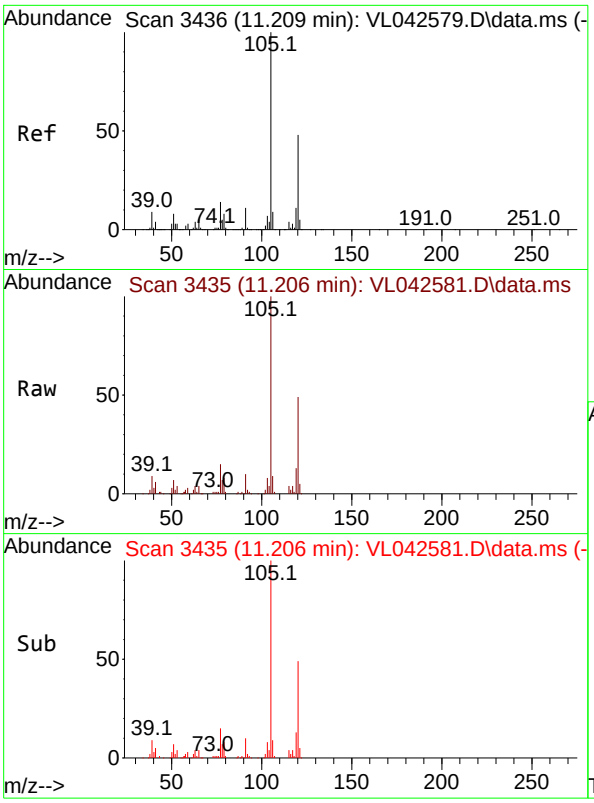


#72
4-Ethyltoluene
Concen: 1.083 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:105 Resp: 50214

Ion	Ratio	Lower	Upper
105	100		
120	31.0	24.6	36.8
91	12.6	9.6	14.4
77	13.5	10.6	15.8



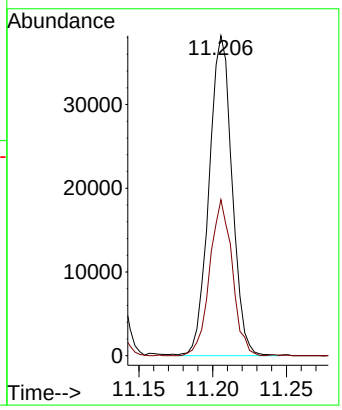


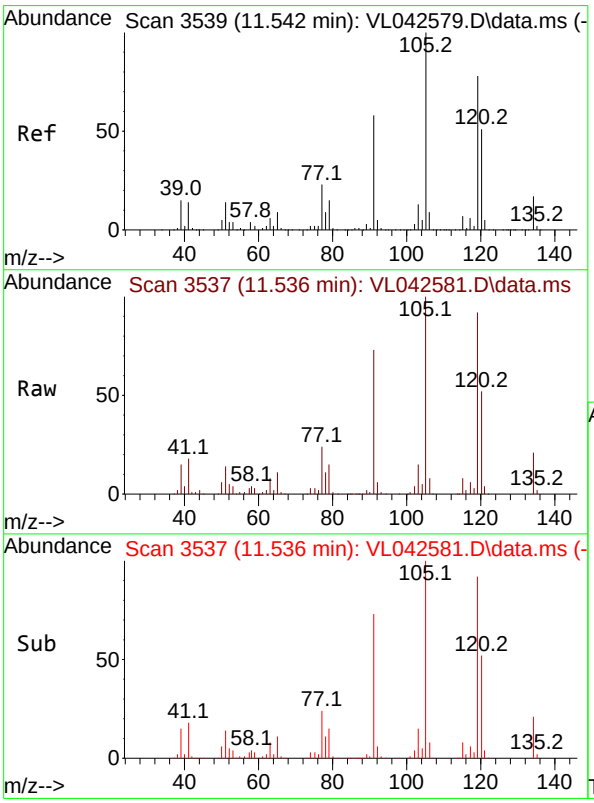
#73
1,3,5-Trimethylbenzene
Concen: 1.079 ppbv
RT: 11.206 min Scan# 34
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 41412

Ion	Ratio	Lower	Upper
105	100		
120	48.7	38.8	58.2

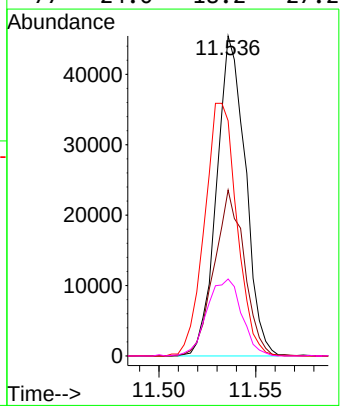


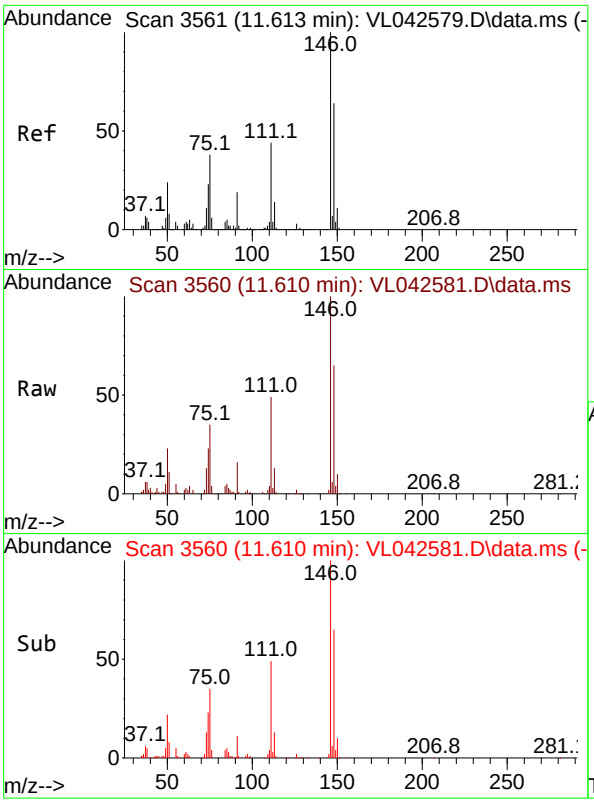


#74
1,2,4-Trimethylbenzene
Concen: 1.099 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.006 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:105 Resp: 46810

Ion	Ratio	Lower	Upper
105	100		
120	51.5	40.8	61.2
91	73.3	46.8	70.2#
77	24.0	18.2	27.2



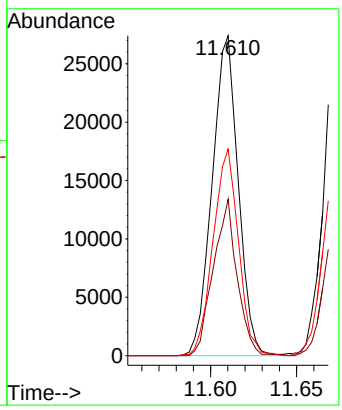


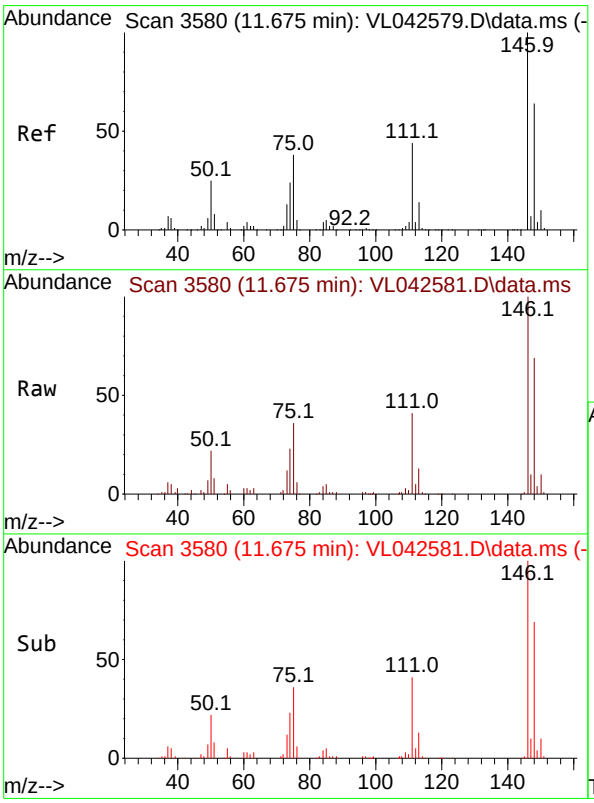
#75
1,3-Dichlorobenzene
Concen: 1.080 ppbv
RT: 11.610 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 28889

Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.4	67.3
148	63.1	32.0	96.2

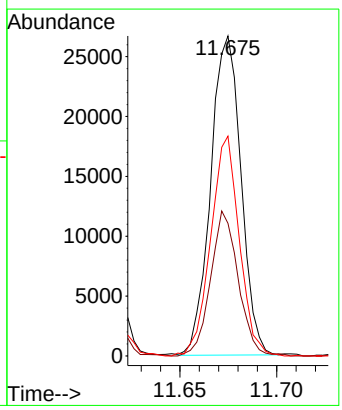


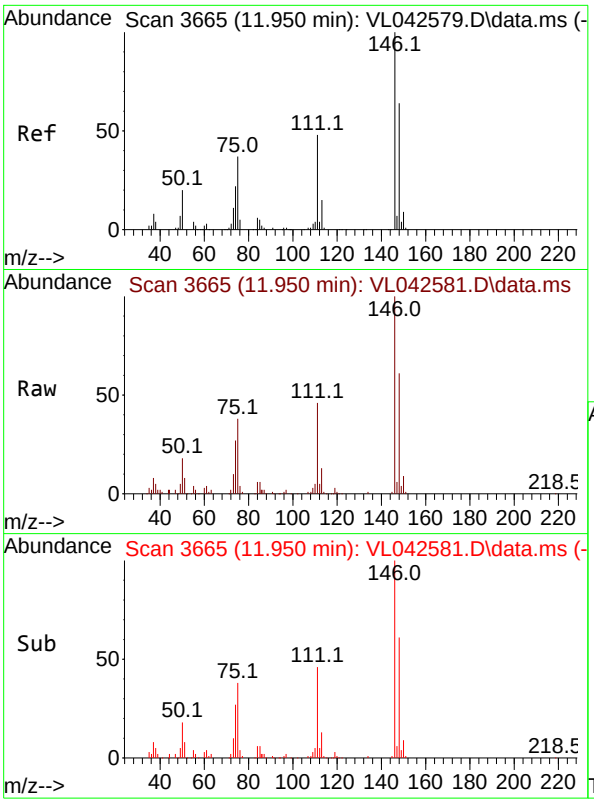


#76
1,4-Dichlorobenzene
Concen: 1.089 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:146 Resp: 29060

Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.6	64.8
148	64.9	32.1	96.5



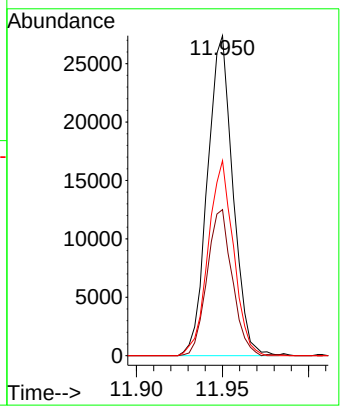


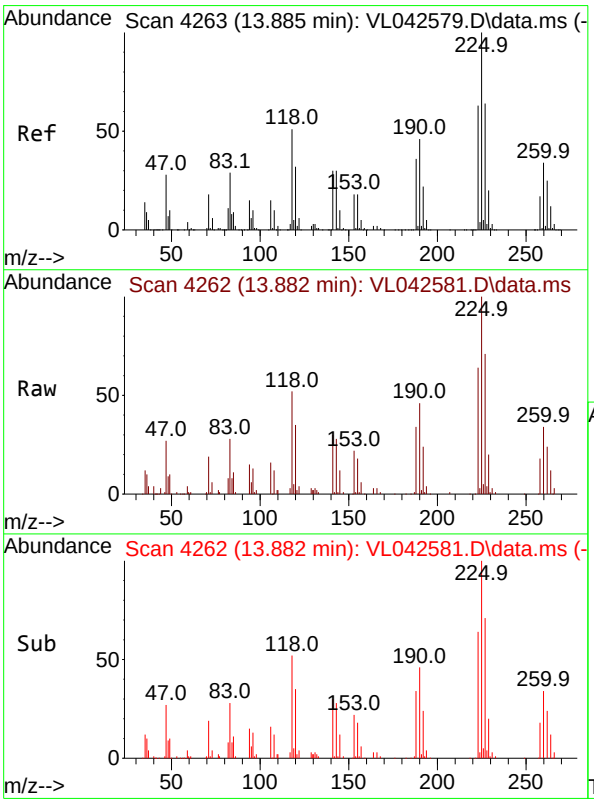
#77
1,2-Dichlorobenzene
Concen: 1.085 ppbv
RT: 11.950 min Scan# 3
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 28176

Ion	Ratio	Lower	Upper
146	100		
111	45.4	23.1	69.3
148	60.6	32.1	96.3

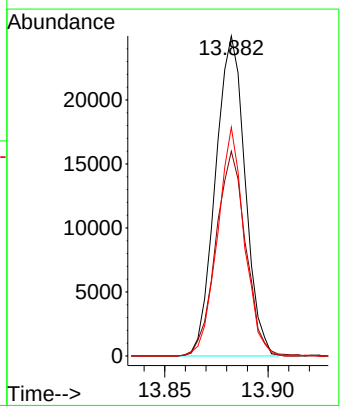


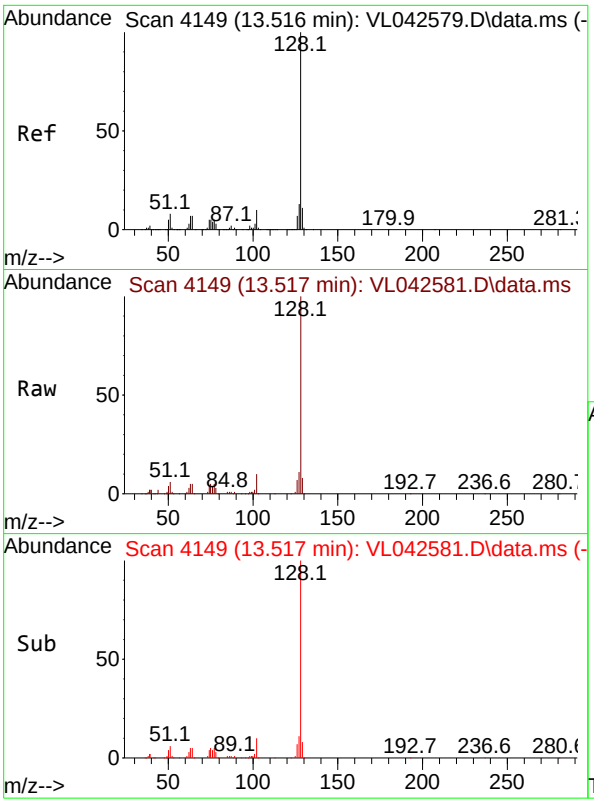


#78
Hexachloro-1,3-Butadiene
Concen: 1.162 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:225 Resp: 24950

Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.2	75.4
227	64.6	51.1	76.7



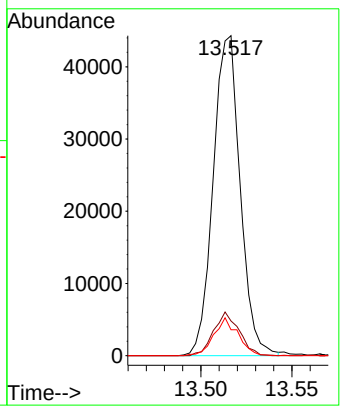


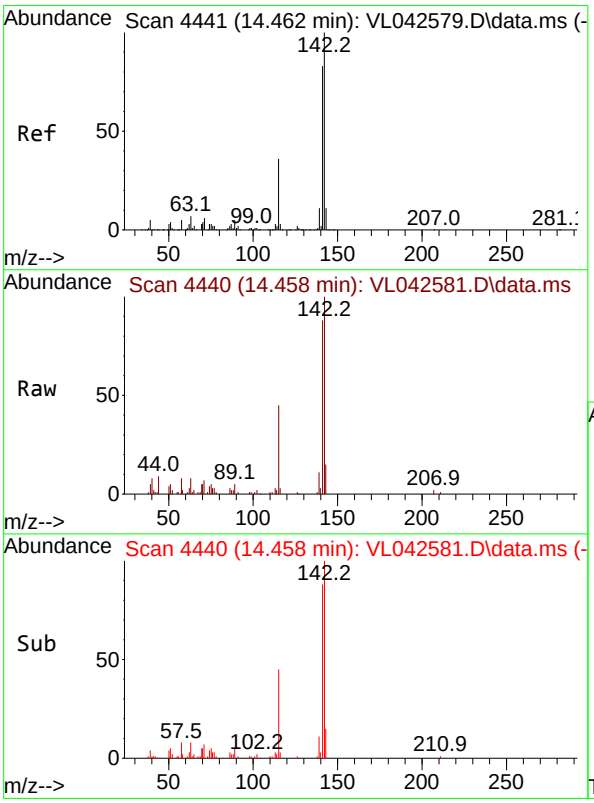
#79
Naphthalene
Concen: 1.141 ppbv
RT: 13.517 min Scan# 4
Delta R.T. 0.000 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 45649

Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.2	15.4
129	8.1	8.8	13.2#

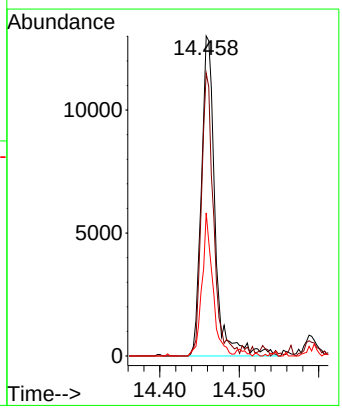


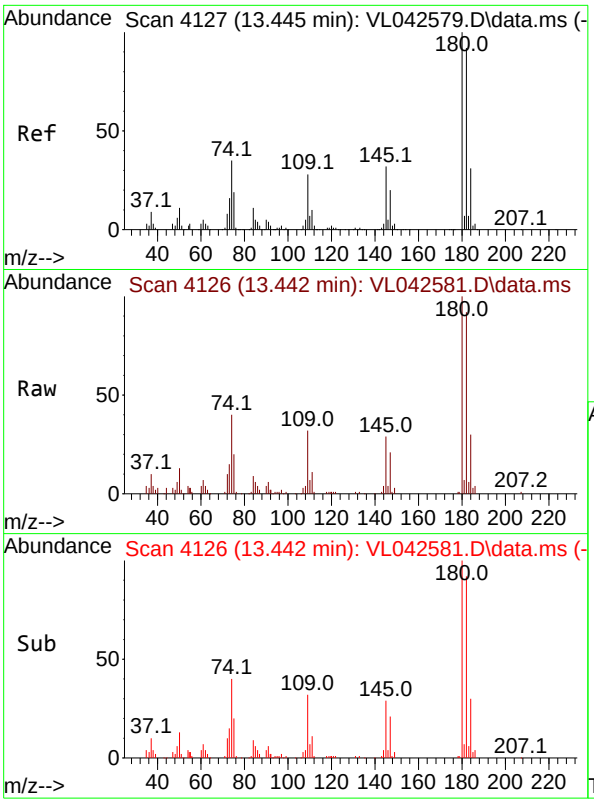


#80
Naphthalene,2-methyl-
Concen: 0.866 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Tgt Ion:142 Resp: 15700

Ion	Ratio	Lower	Upper
142	100		
141	78.1	66.2	99.4
115	36.5	28.3	42.5





#81
1,2,4-Trichlorobenzene
Concen: 1.108 ppbv
RT: 13.442 min Scan# 4
Delta R.T. -0.003 min
Lab File: VL042581.D
Acq: 29 May 2025 12:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 24843

Ion	Ratio	Lower	Upper
180	100		
182	90.6	75.0	112.4
184	30.0	24.6	36.8