Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
Data File : VL042741.D
Acq On : 22 Jul 2025 21:12
Operator : SY/MD
Sample : Q2632-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 23 03:06:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Jul 23 02:51:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.784	49	111344	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.952	114	322913	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.878	117	292536	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.374	95	243485	10.298	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.495	85	7171	0.413	ppbv		96
3) Chlorodifluoromethane	1.848	51	1549	0.079	ppbv		96
4) Chloromethane	1.531	50	4476	0.629	ppbv		94
5) Vinyl Chloride	1.648	62	2327	0.331	ppbv	#	3
7) Chloroethane	1.706	64	119	0.045	ppbv		90
8) Dichlorotetrafluoroethane	1.495	85	7171	0.489	ppbv	#	20
9) Propene	1.884	41	19156	2.746	ppbv		97
10) Heptane	4.972	43	3718	0.192	ppbv	#	28
11) Trichlorofluoromethane	1.877	101	4293	0.240	ppbv		94
12) 1,1,2-Trichlorotrifluo...	2.139	101	837	0.060	ppbv		99
13) Ethanol	1.719	45	167054	142.377	ppbv		96
15) Acetone	1.832	43	1266119	67.914	ppbv		92
16) 1,3-Butadiene	1.618	39	4302	0.539	ppbv	#	35
17) tert-Butyl alcohol	2.039	59	18690	1.056	ppbv		96
19) Isopropyl Alcohol	1.884	45	203603	20.607	ppbv	#	1
20) Methylene Chloride	2.062	84	25276	4.313	ppbv		98
21) Allyl Chloride	2.039	41	20424	1.709	ppbv		84
23) Vinyl Acetate	2.450	43	29630	1.394	ppbv	#	95
25) Ethyl Acetate	2.832	43	58251	1.693	ppbv	#	96
26) Hexane	2.826	57	19843	1.315	ppbv	#	69
27) Carbon Disulfide	2.146	76	1514	0.094	ppbv	#	1
30) Cyclohexane	3.852	84	407	0.031	ppbv	#	1
31) cis-1,2-Dichloroethene	2.832	61	5869	0.361	ppbv	#	29
34) 2-Butanone	2.554	43	114753	5.161	ppbv		98
36) Benzene	3.651	78	6485	0.216	ppbv	#	91
37) 1,2-Dichloroethane	3.214	62	35349	1.847	ppbv	#	96
39) 1,2-Dichloropropane	3.952	63	84864	7.597	ppbv	#	21
41) Tetrahydrofuran	3.052	42	28946	2.582	ppbv	#	52
43) Methyl Methacrylate	4.874	69	430	0.037	ppbv	#	1
44) 2,2,4-Trimethylpentane	4.635	57	3199	0.065	ppbv	#	1
50) 4-Methyl-2-Pentanone	5.745	43	54338	1.865	ppbv	#	40
51) 2-Hexanone	7.444	43	2486	0.107	ppbv	#	1
52) Tetrachloroethene	8.221	164	4650	0.385	ppbv	#	74
53) Toluene	6.926	91	623030	18.420	ppbv		100
58) Ethyl Benzene	9.351	91	59900	1.226	ppbv		97
59) m/p-Xylene	9.529	91	271574	6.947	ppbv		98
60) o-Xylene	9.959	91	154009	3.902	ppbv		100
61) Styrene	9.865	104	15095	0.888	ppbv	#	27
62) Isopropylbenzene	10.535	105	28526	0.486	ppbv		100
64) n-propylbenzene	10.985	120	20910	1.413	ppbv		96
65) tert-Butylbenzene	11.532	119	49628	0.945	ppbv	#	56
66) Benzyl Chloride	11.535	91	56400	11.292	ppbv	#	66
67) sec-Butylbenzene	11.422	105	9845	0.136	ppbv		92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
Data File : VL042741.D
Acq On : 22 Jul 2025 21:12
Operator : SY/MD
Sample : Q2632-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 23 03:06:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Jul 23 02:51:39 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
69)	p-Isopropyltoluene	11.924	119	90731	1.502	ppbv		99
70)	n-Butylbenzene	12.280	91	35372	0.613	ppbv	#	45
71)	2-Chlorotoluene	10.856	91	527388	11.856	ppbv	#	46
72)	4-Ethyltoluene	11.124	105	99089	2.105	ppbv	#	55
73)	1,3,5-Trimethylbenzene	11.199	105	158369	4.068	ppbv		98
74)	1,2,4-Trimethylbenzene	11.532	105	411701	9.639	ppbv	#	59
75)	1,3-Dichlorobenzene	11.671	146	4302	0.151	ppbv	#	1
76)	1,4-Dichlorobenzene	11.671	146	4302	0.156	ppbv	#	1
79)	Naphthalene	13.510	128	23579	0.738	ppbv	#	92
80)	Naphthalene,2-methyl-	14.455	142	3179	0.302	ppbv	#	77

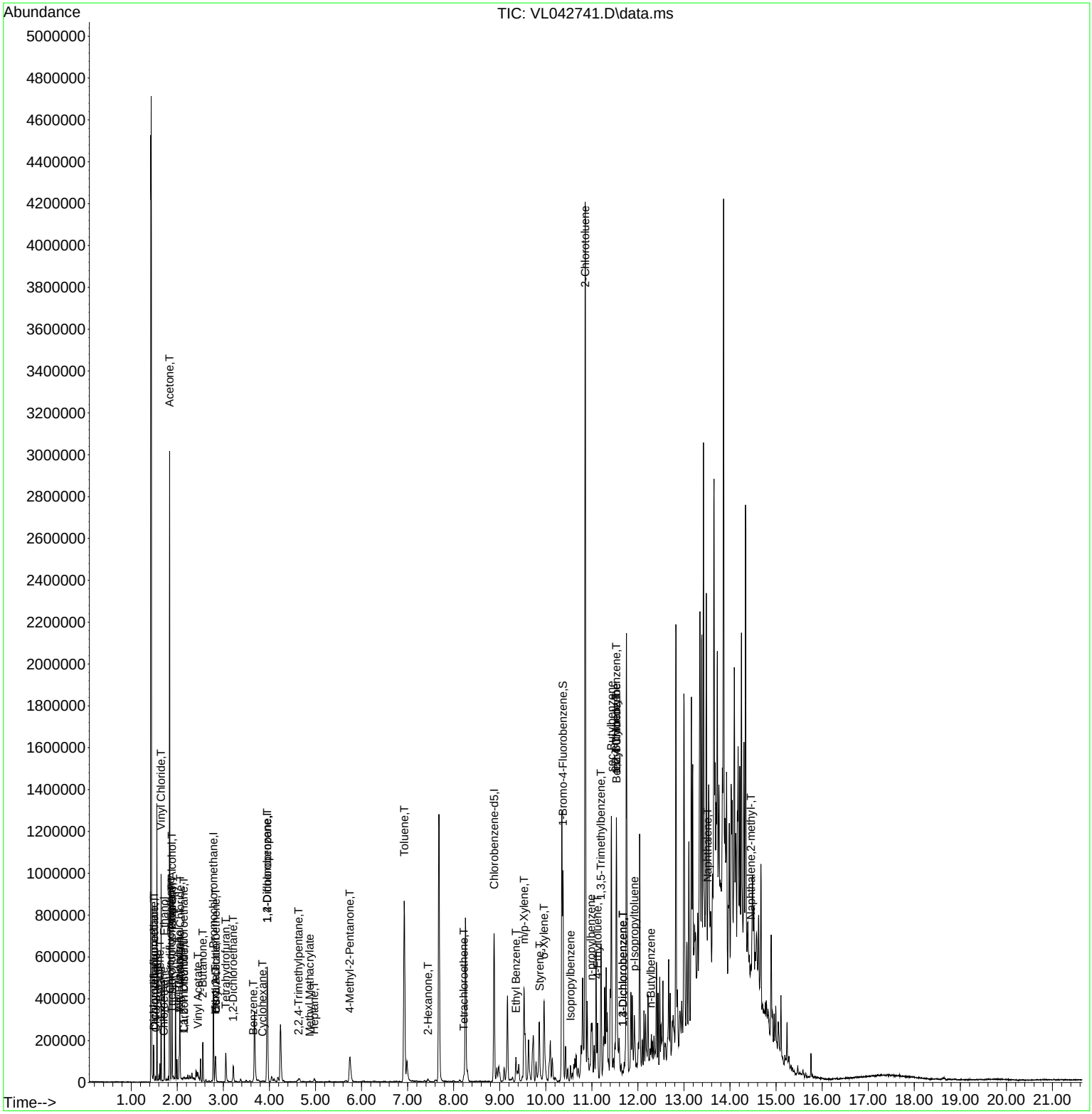
(#) = qualifier out of range (m) = manual integration (+) = signals summed

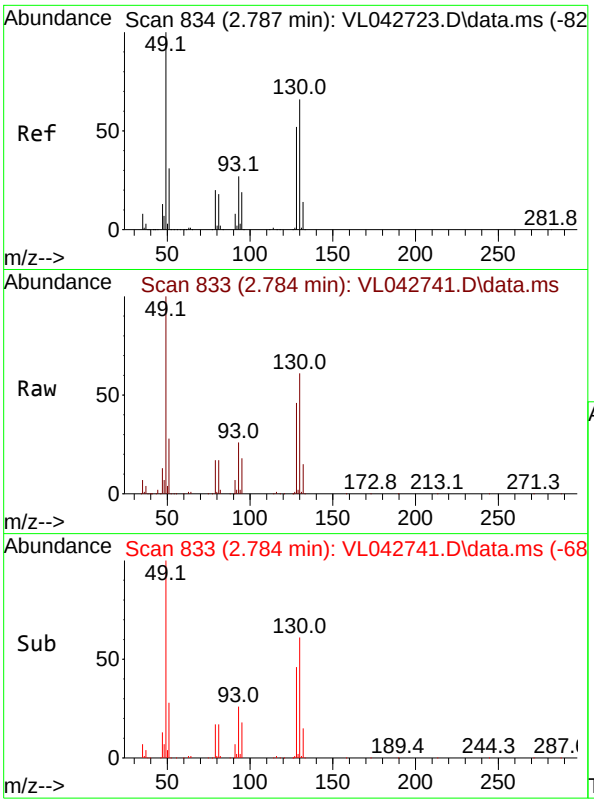
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
Data File : VL042741.D
Acq On : 22 Jul 2025 21:12
Operator : SY/MD
Sample : Q2632-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 23 03:06:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Jul 23 02:51:39 2025
Response via : Initial Calibration



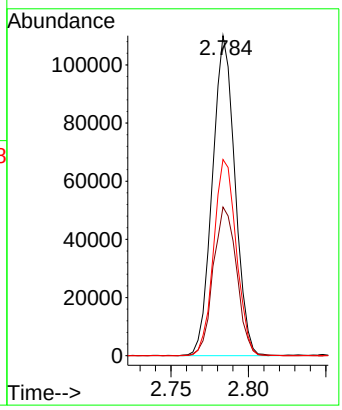


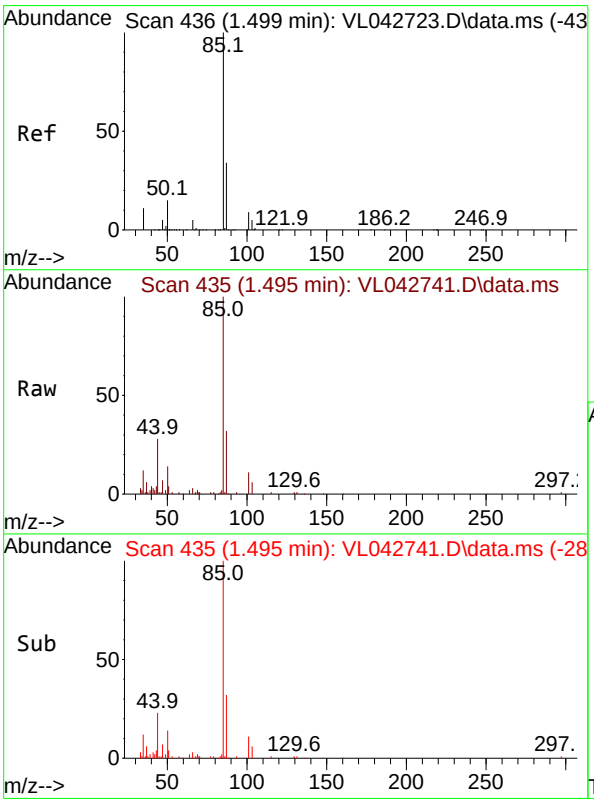
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 8
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 111344

Ion	Ratio	Lower	Upper
49	100		
128	48.2	24.5	73.5
130	61.5	31.7	95.1

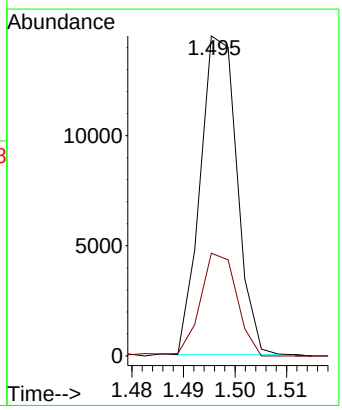


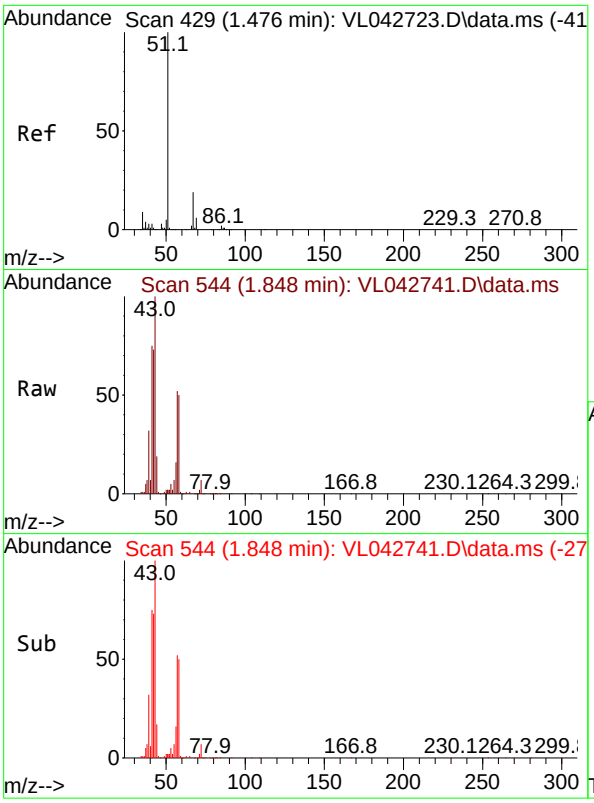


#2
Dichlorodifluoromethane
Concen: 0.413 ppbv
RT: 1.495 min Scan# 435
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 85 Resp: 7171

Ion	Ratio	Lower	Upper
85	100		
87	32.2	27.5	41.3



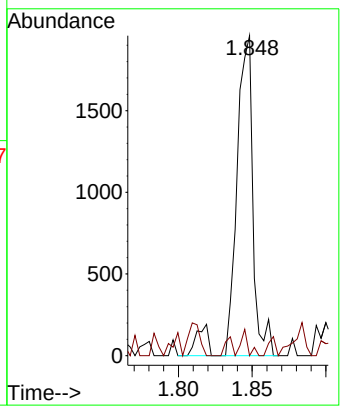


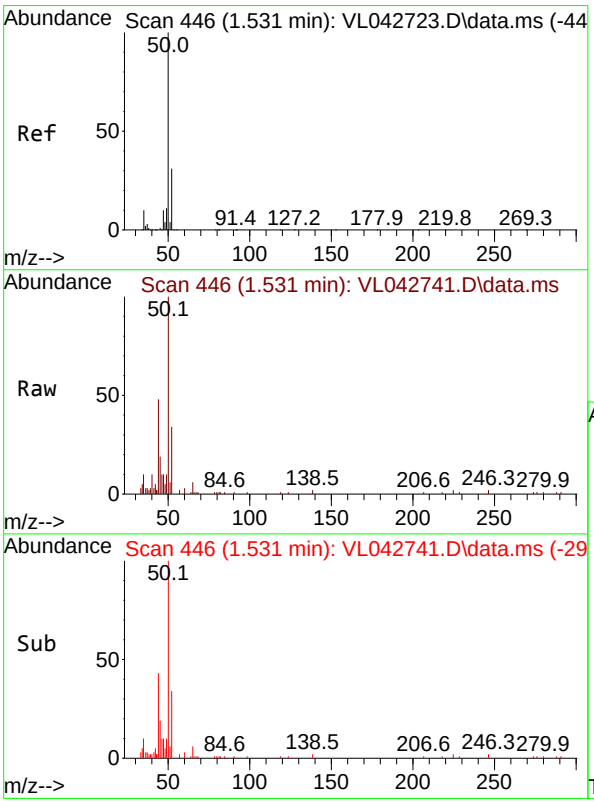
#3
Chlorodifluoromethane
Concen: 0.079 ppbv
RT: 1.848 min Scan# 54
Delta R.T. 0.372 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 1549

Ion	Ratio	Lower	Upper
51	100		
67	18.1	16.0	24.0

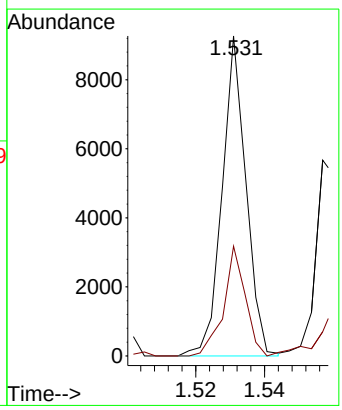


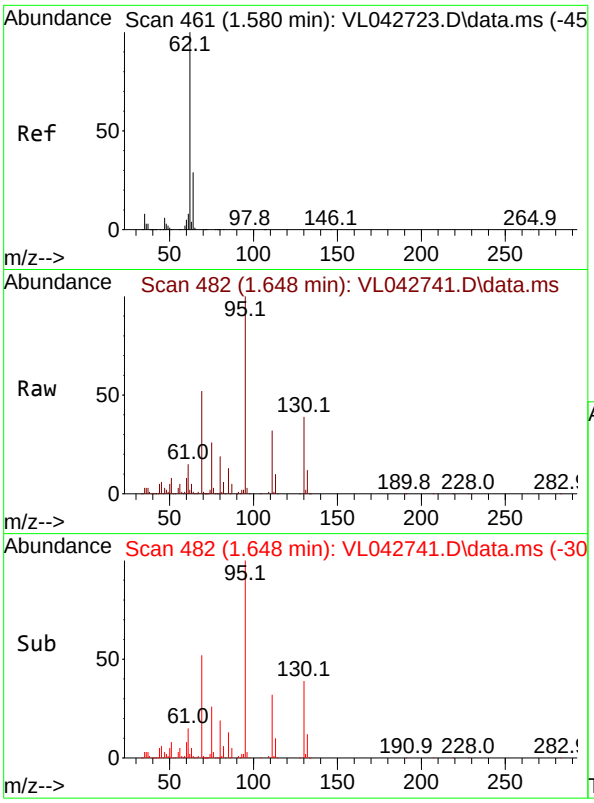


#4
Chloromethane
Concen: 0.629 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 50 Resp: 4476

Ion	Ratio	Lower	Upper
50	100		
52	34.5	24.9	37.3



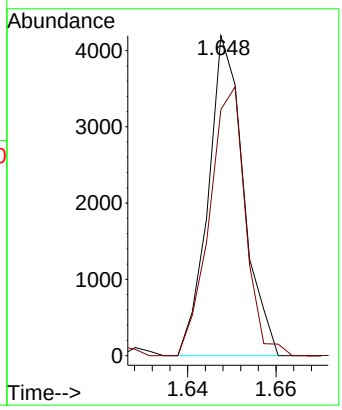


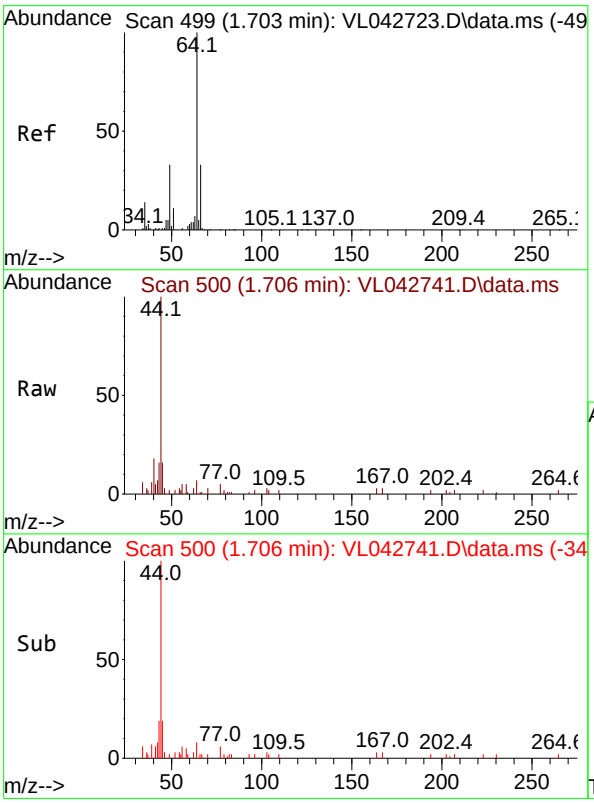
#5
Vinyl Chloride
Concen: 0.331 ppbv
RT: 1.648 min Scan# 4
Delta R.T. 0.068 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 2327

Ion	Ratio	Lower	Upper
62	100		
64	80.7	23.0	34.6#

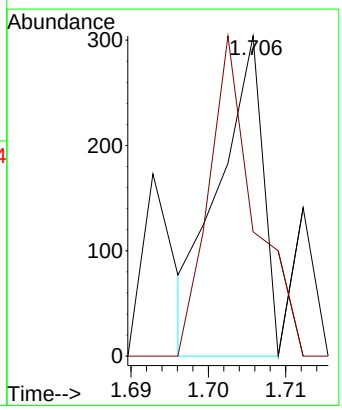


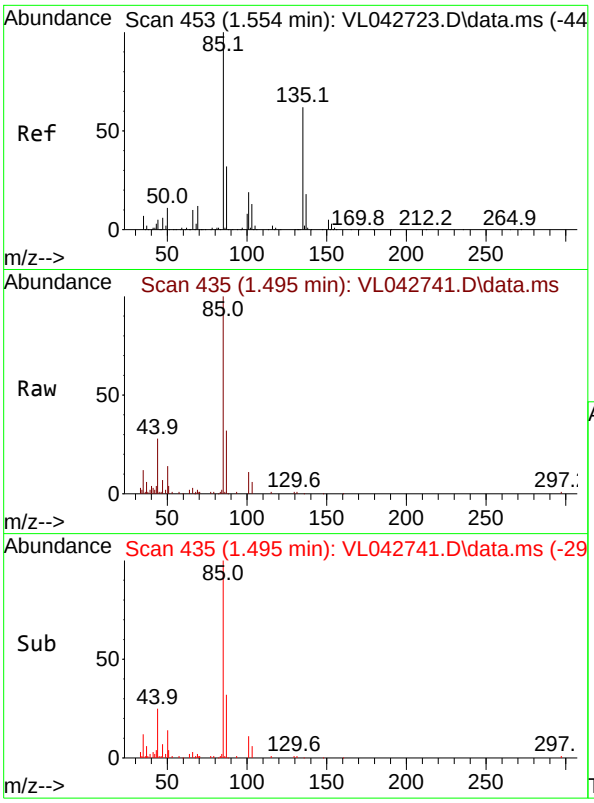


#7
Chloroethane
Concen: 0.045 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 64 Resp: 119

Ion	Ratio	Lower	Upper
64	100		
66	38.8	26.4	39.6



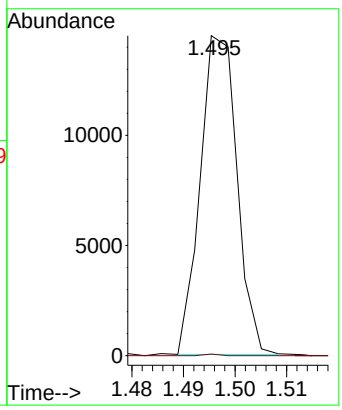


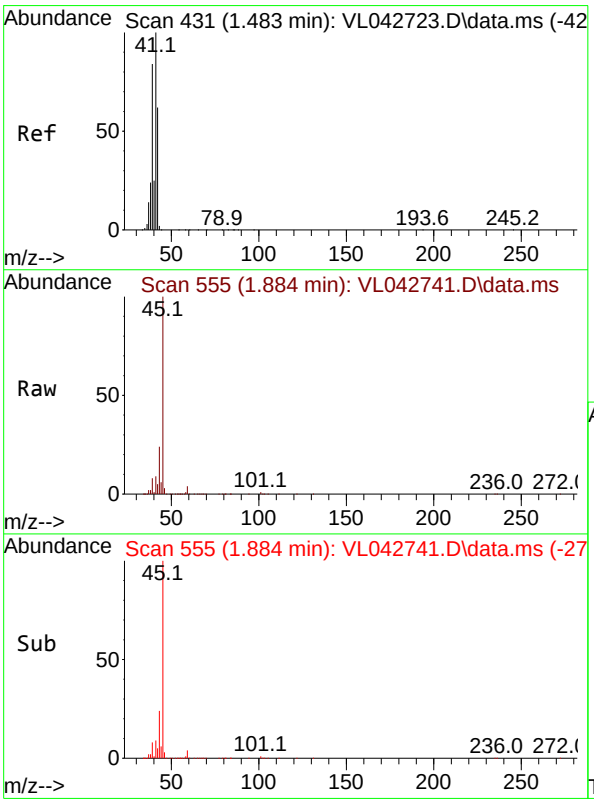
#8
Dichlorotetrafluoroethane
Concen: 0.489 ppbv
RT: 1.495 min Scan# 4
Delta R.T. -0.058 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 85 Resp: 7171

Ion	Ratio	Lower	Upper
85	100		
135	2.1	52.0	78.0#

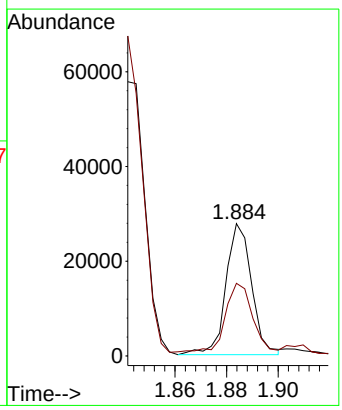


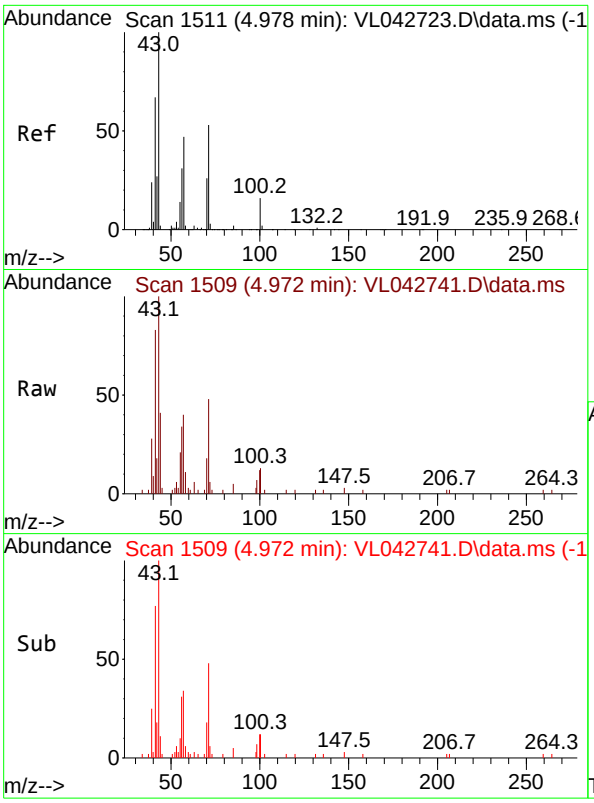


#9
Propene
Concen: 2.746 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.401 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 41 Resp: 19156

Ion	Ratio	Lower	Upper
41	100		
42	67.6	52.0	78.0



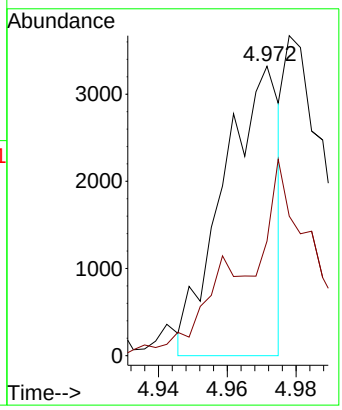


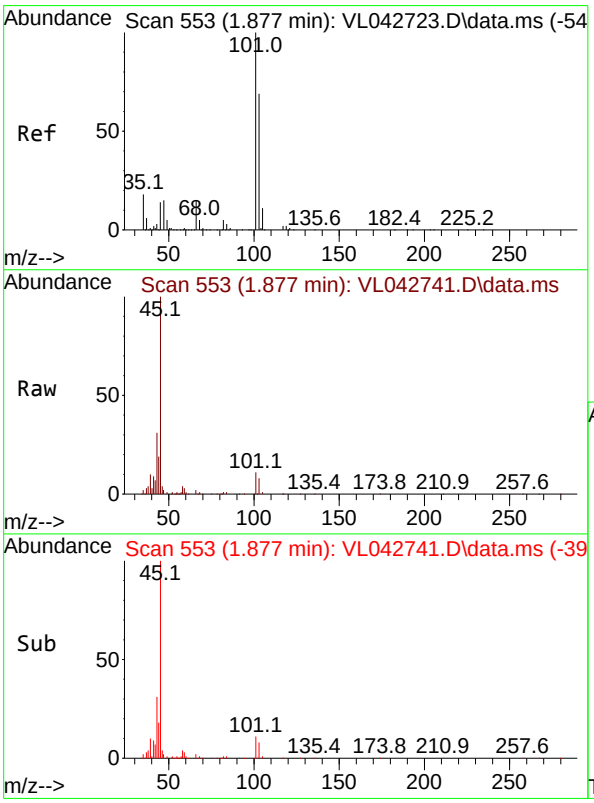
#10
Heptane
Concen: 0.192 ppbv
RT: 4.972 min Scan# 1
Delta R.T. -0.007 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 3718

Ion	Ratio	Lower	Upper
43	100		
57	0.0	39.1	58.7#

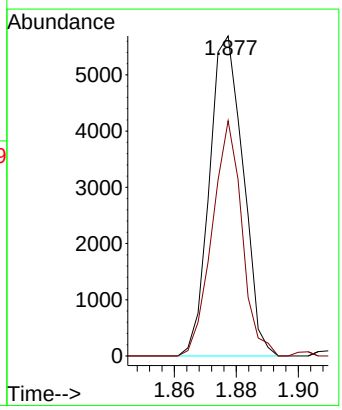


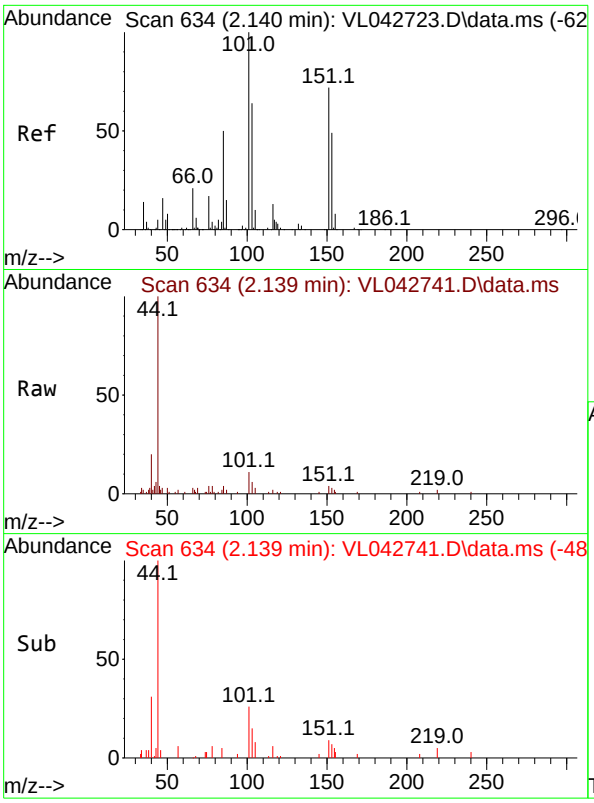


#11
Trichlorofluoromethane
Concen: 0.240 ppbv
RT: 1.877 min Scan# 553
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion:101 Resp: 4293

Ion	Ratio	Lower	Upper
101	100		
103	73.5	55.2	82.8



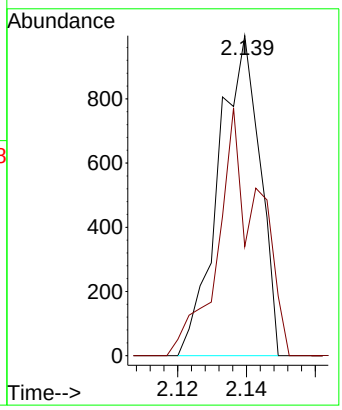


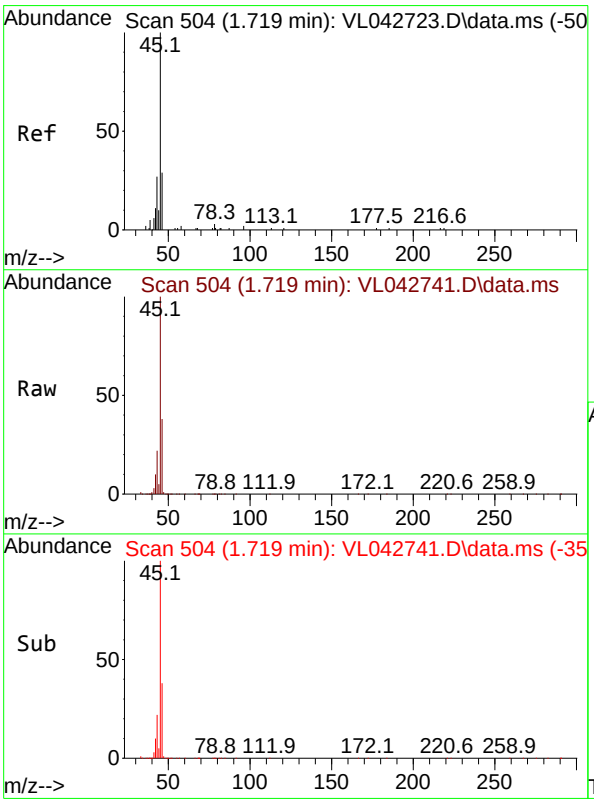
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.060 ppbv
RT: 2.139 min Scan# 6
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 837

Ion	Ratio	Lower	Upper
101	100		
151	74.9	59.1	88.7

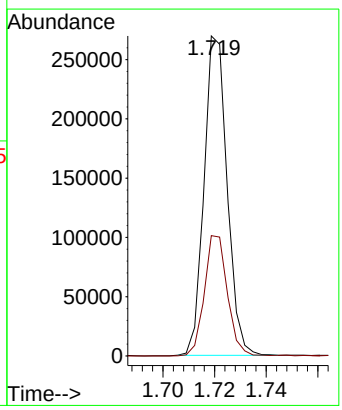


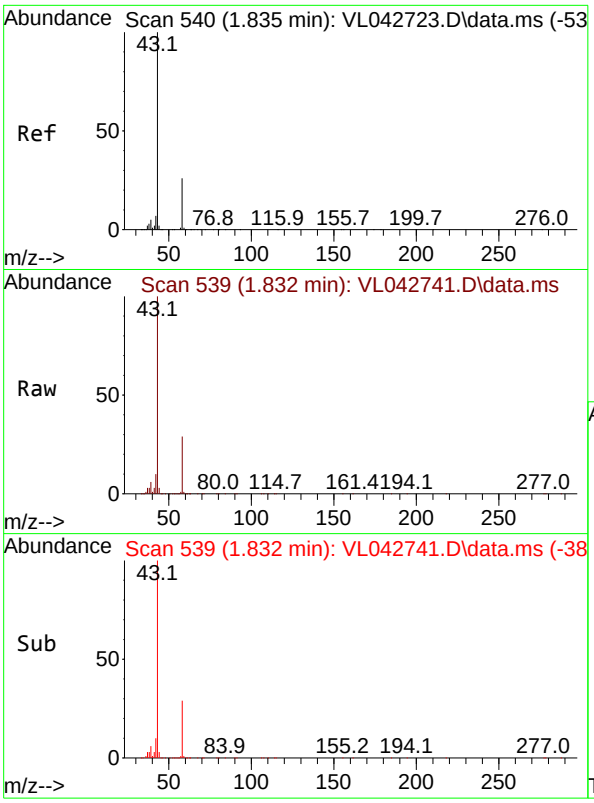


#13
Ethanol
Concen: 142.377 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 45 Resp: 167054

Ion	Ratio	Lower	Upper
45	100		
46	38.0	16.3	65.1



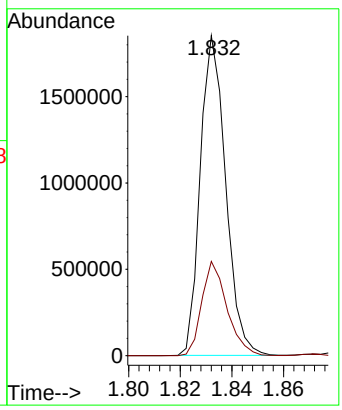


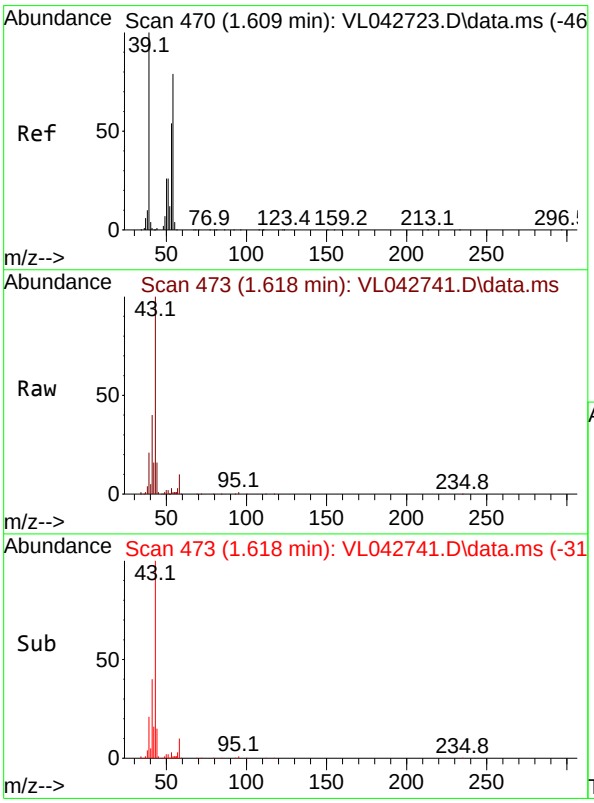
#15
Acetone
Concen: 67.914 ppbv
RT: 1.832 min Scan# 5
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1266119

Ion	Ratio	Lower	Upper
43	100		
58	29.9	20.5	30.7

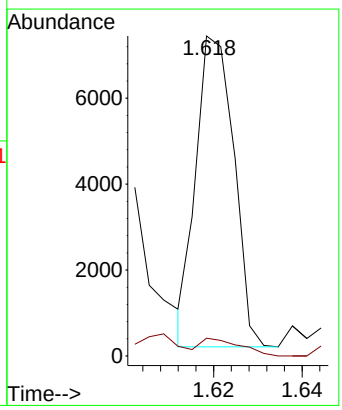


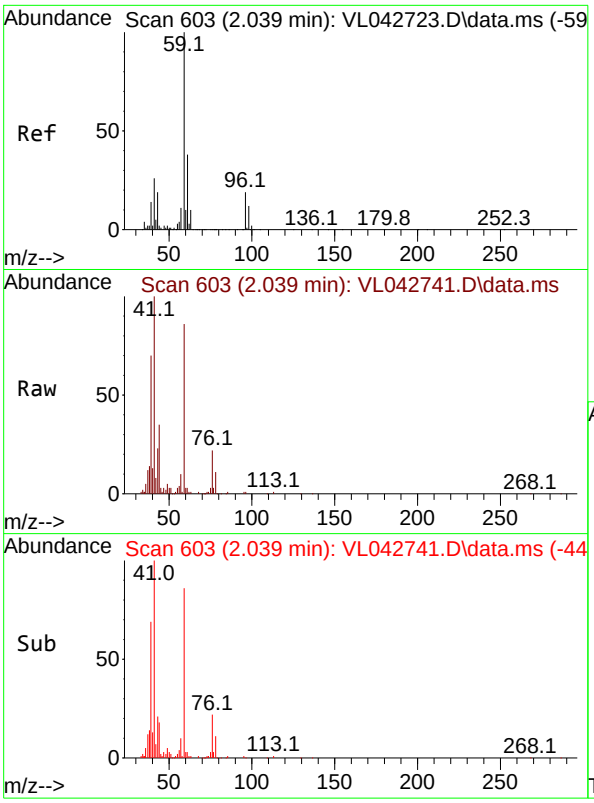


#16
1,3-Butadiene
Concen: 0.539 ppbv
RT: 1.618 min Scan# 473
Delta R.T. 0.010 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 39 Resp: 4302

Ion	Ratio	Lower	Upper
39	100		
54	16.0	54.6	82.0#



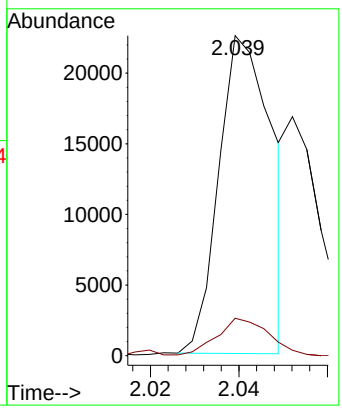


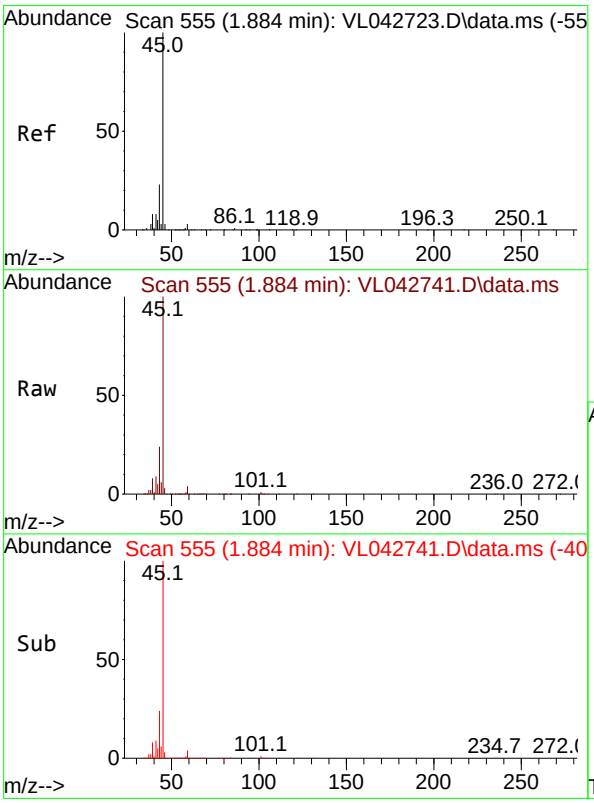
#17
tert-Butyl alcohol
Concen: 1.056 ppbv
RT: 2.039 min Scan# 6
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 18690

Ion	Ratio	Lower	Upper
59	100		
57	12.8	9.1	13.7

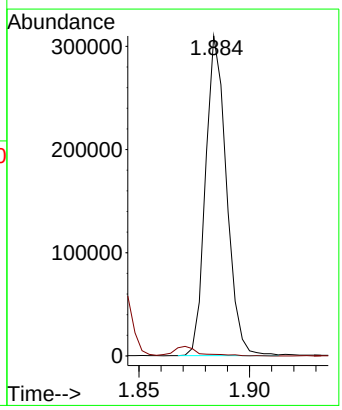


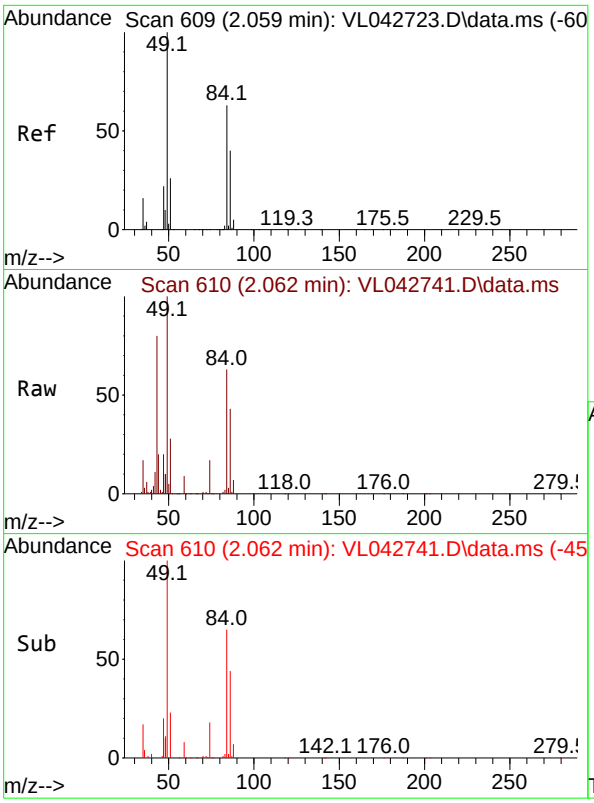


#19
Isopropyl Alcohol
Concen: 20.607 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 45 Resp: 203603

Ion	Ratio	Lower	Upper
45	100		
58	185.9	30.6	46.0#



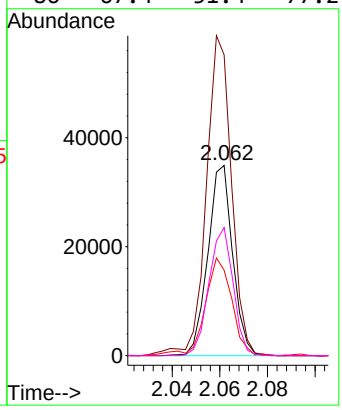


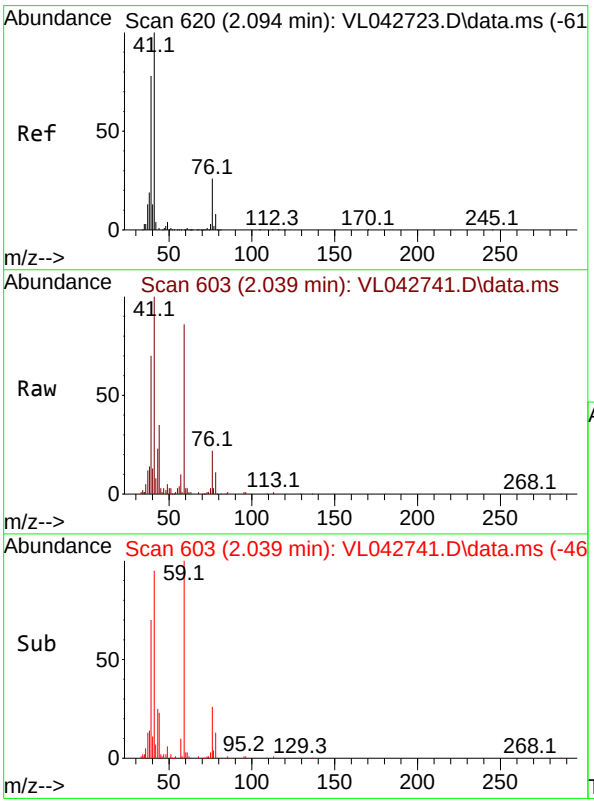
#20
Methylene Chloride
Concen: 4.313 ppbv
RT: 2.062 min Scan# 6
Delta R.T. 0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 25276

Ion	Ratio	Lower	Upper
84	100		
49	158.1	128.2	192.4
51	44.9	34.5	51.7
86	67.4	51.4	77.2

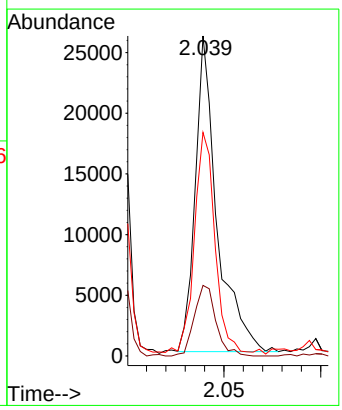


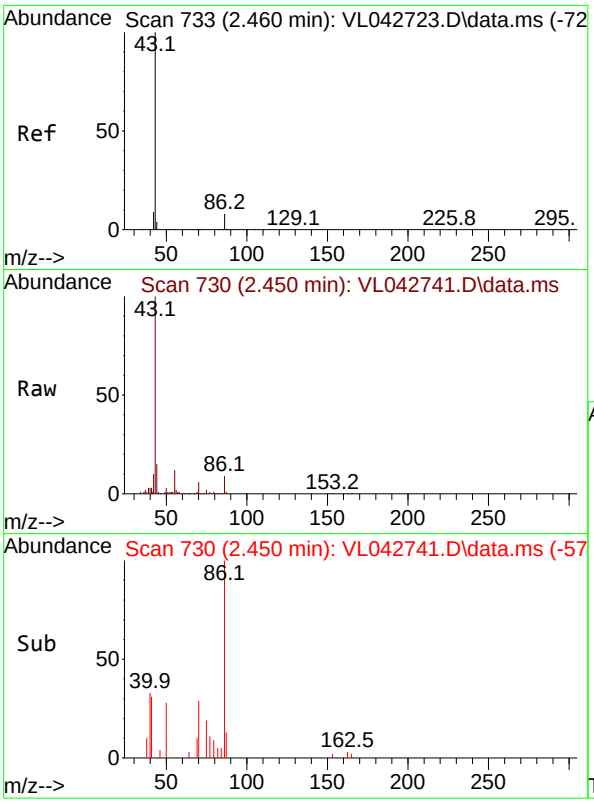


#21
Allyl Chloride
Concen: 1.709 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.055 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 41 Resp: 20424

Ion	Ratio	Lower	Upper
41	100		
76	22.1	22.1	33.1
39	65.2	64.7	97.1



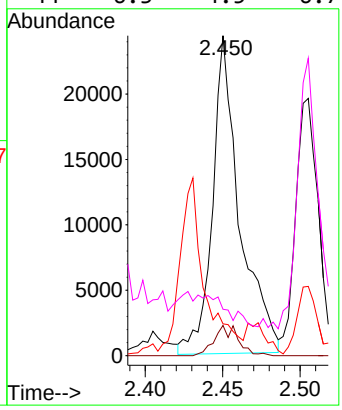


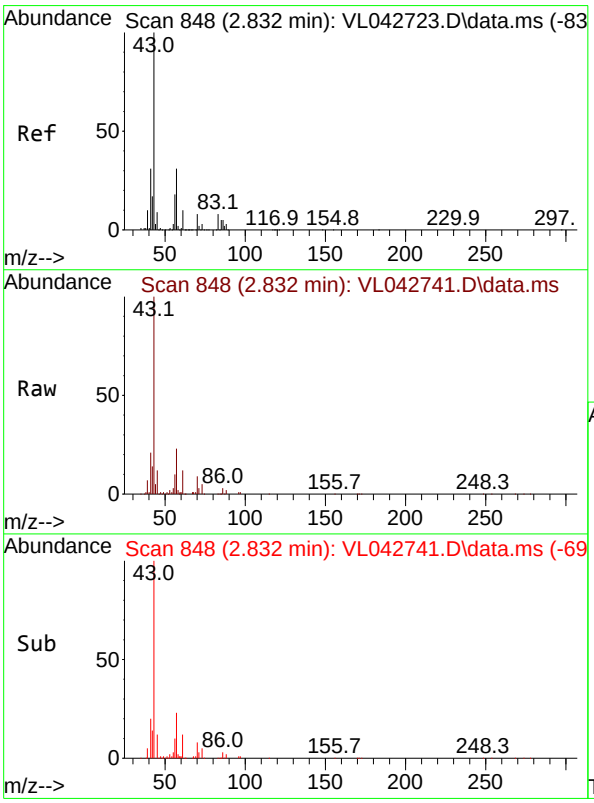
#23
Vinyl Acetate
Concen: 1.394 ppbv
RT: 2.450 min Scan# 7
Delta R.T. -0.010 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 29630

Ion	Ratio	Lower	Upper
43	100		
86	9.8	5.7	8.5#
42	8.6	7.9	11.9
44	6.3	4.5	6.7

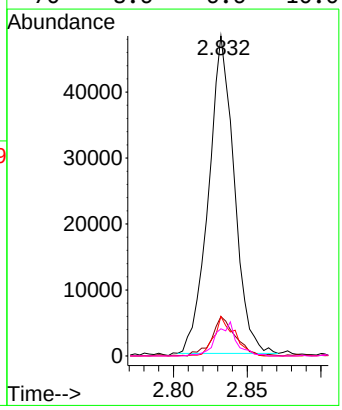


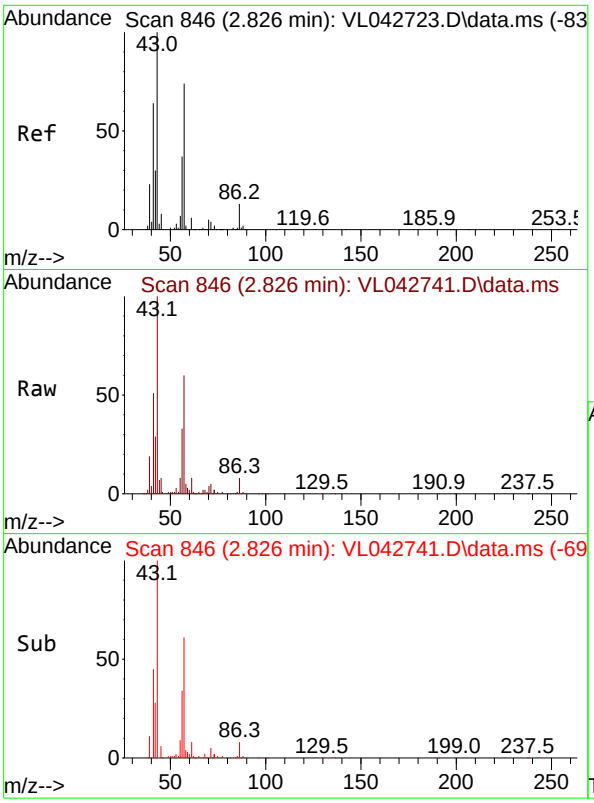


#25
Ethyl Acetate
Concen: 1.693 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 43 Resp: 58251

Ion	Ratio	Lower	Upper
43	100		
45	11.9	7.8	11.6#
61	10.1	7.0	10.6
70	8.6	6.6	10.0



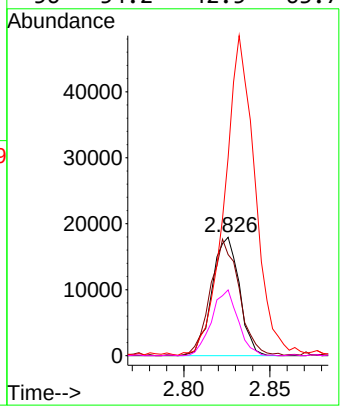


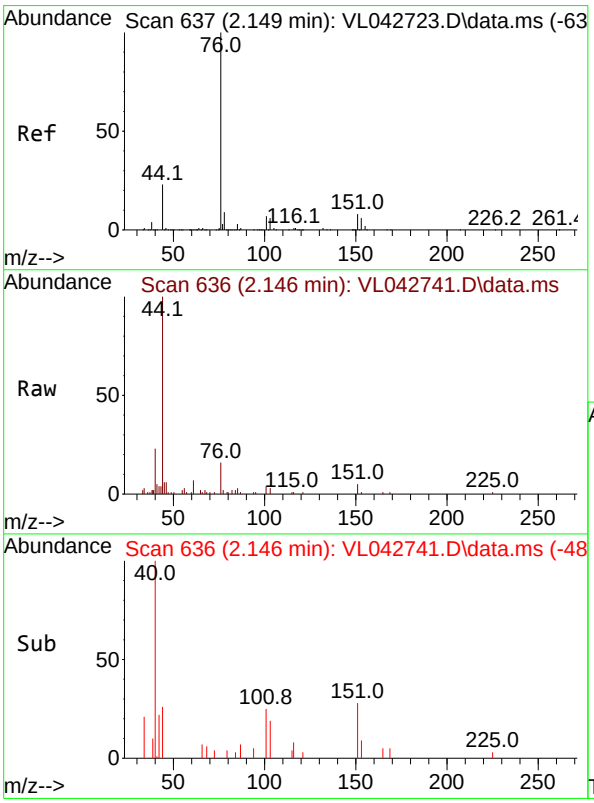
#26
Hexane
Concen: 1.315 ppbv
RT: 2.826 min Scan# 84
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 19843

Ion	Ratio	Lower	Upper
57	100		
41	101.6	77.3	115.9
43	307.6	182.3	273.5#
56	54.2	42.5	63.7

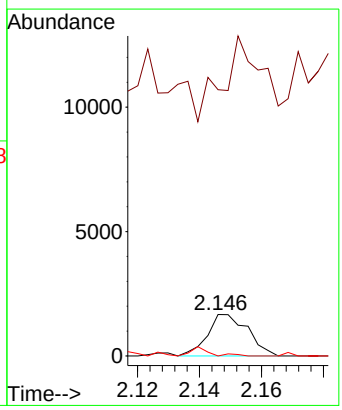


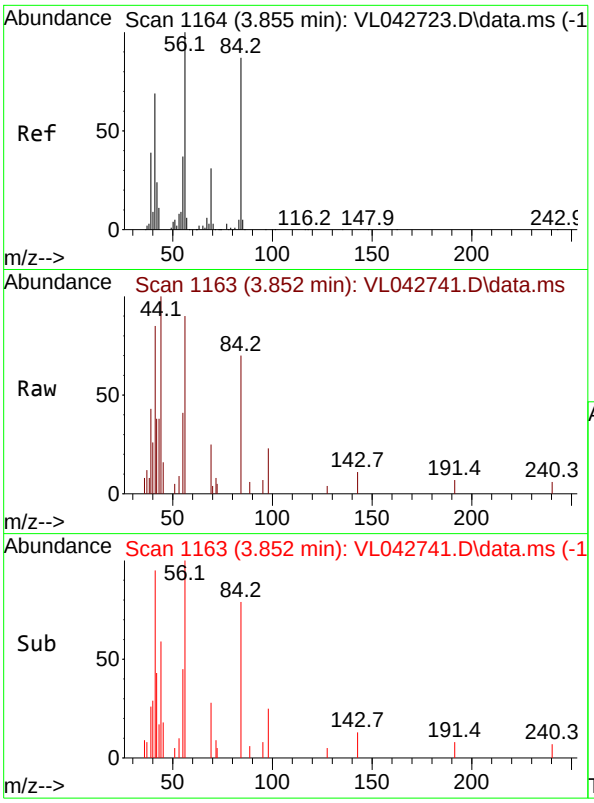


#27
Carbon Disulfide
Concen: 0.094 ppbv
RT: 2.146 min Scan# 636
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 76 Resp: 1514

Ion	Ratio	Lower	Upper
76	100		
44	519.9	18.8	28.2#
78	12.0	9.5	14.3



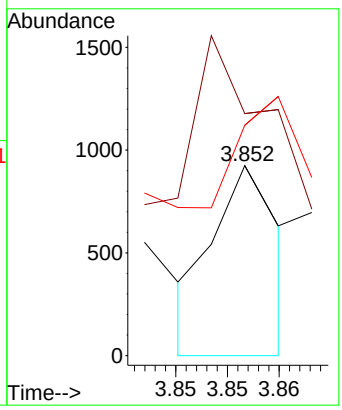


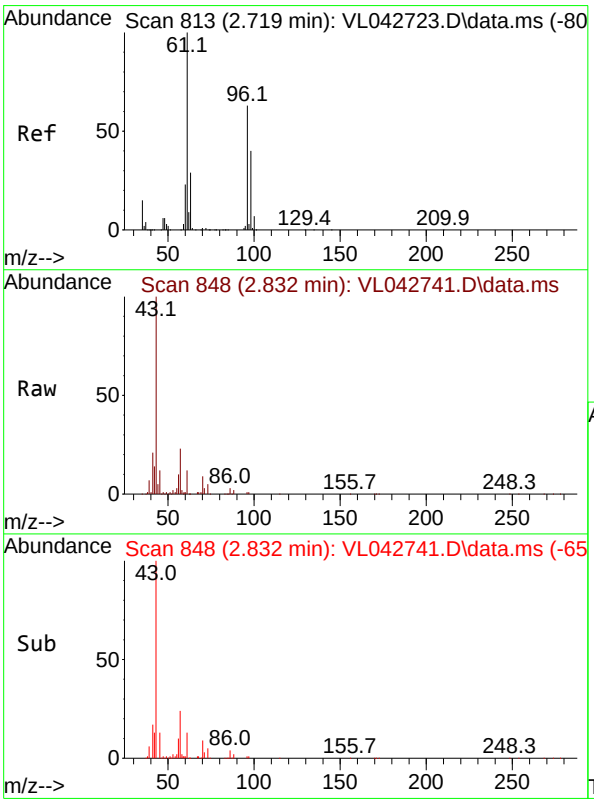
#30
Cyclohexane
Concen: 0.031 ppbv
RT: 3.852 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 407

Ion	Ratio	Lower	Upper
84	100		
56	0.0	94.2	141.4#
41	852.1	66.4	99.6#

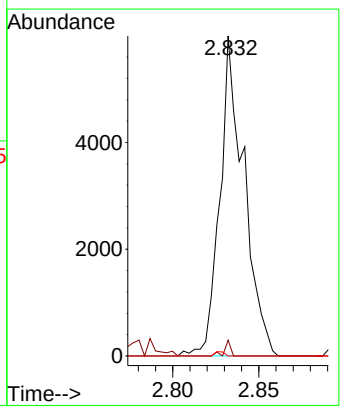


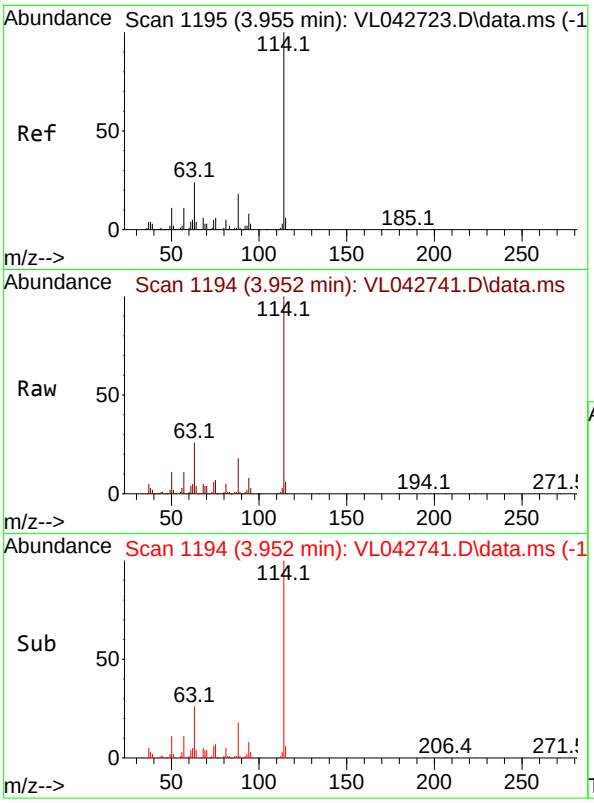


#31
cis-1,2-Dichloroethene
Concen: 0.361 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.113 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 61 Resp: 5869

Ion	Ratio	Lower	Upper
61	100		
96	4.9	50.6	75.8#
98	0.0	32.2	48.2#



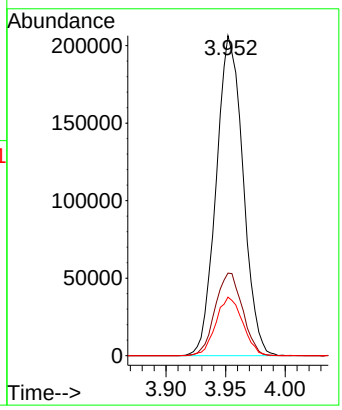


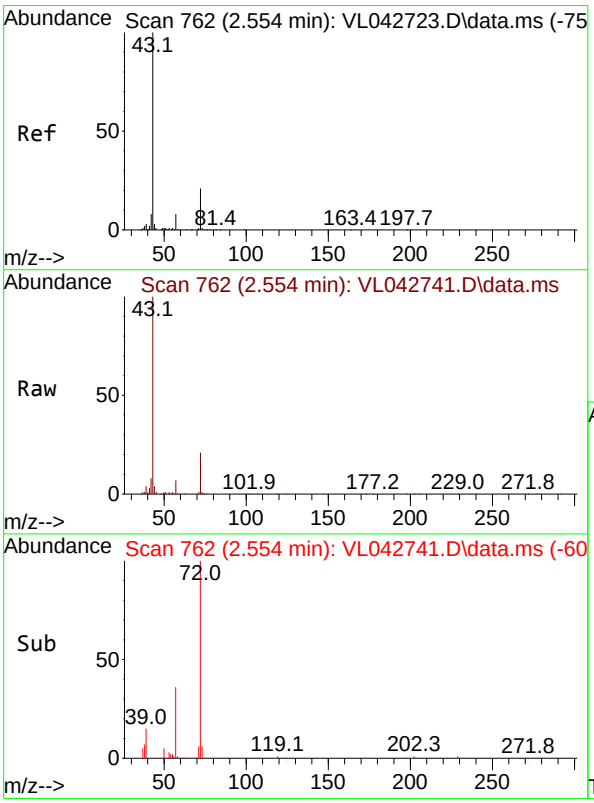
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 322913

Ion	Ratio	Lower	Upper
114	100		
63	26.3	20.4	30.6
88	18.4	14.5	21.7

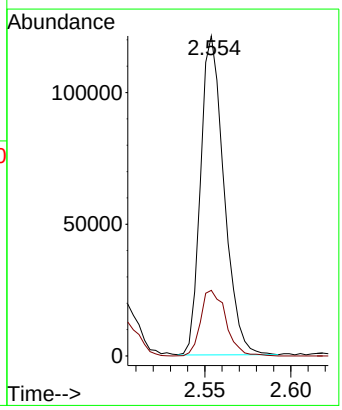


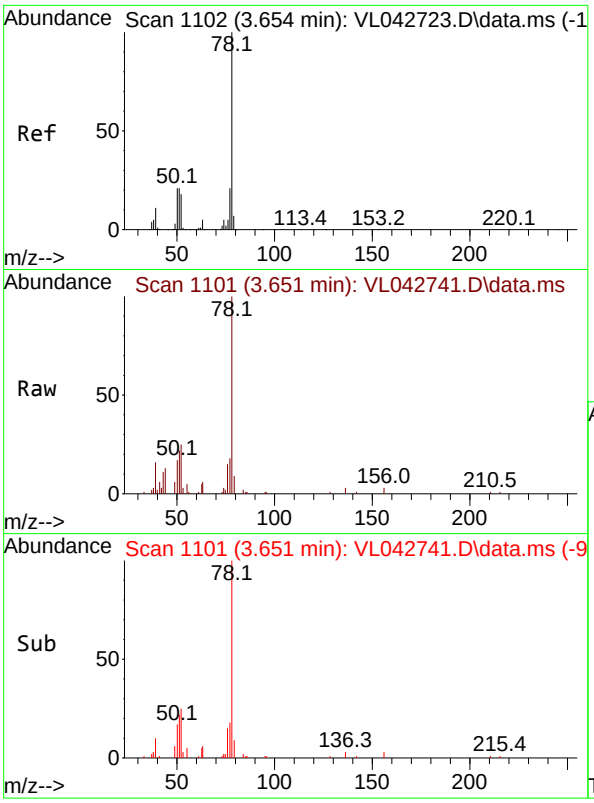


#34
2-Butanone
Concen: 5.161 ppbv
RT: 2.554 min Scan# 762
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 43 Resp: 114753

Ion	Ratio	Lower	Upper
43	100		
72	22.2	17.0	25.6



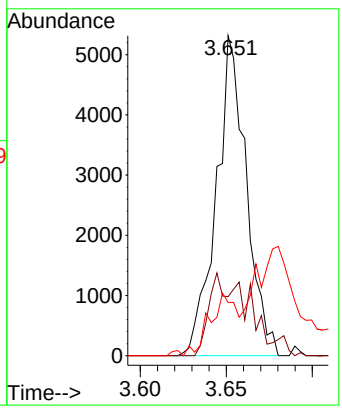


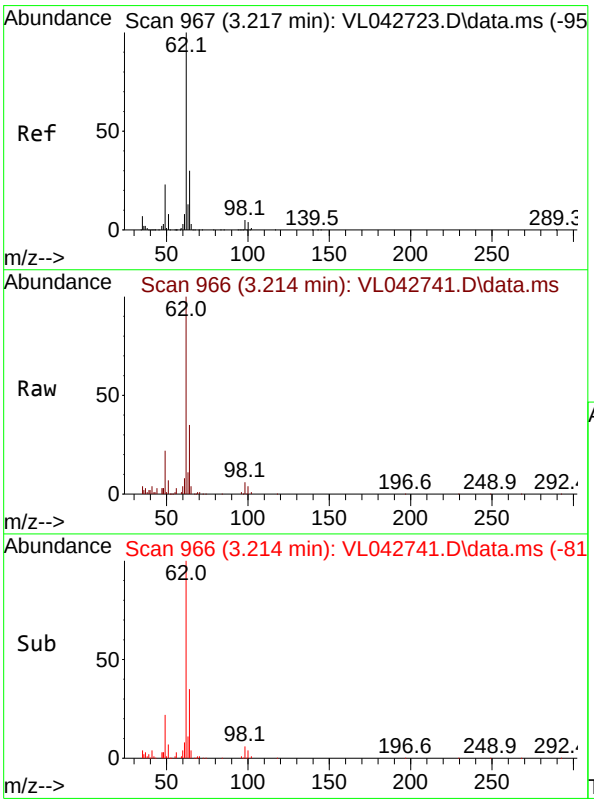
#36
Benzene
Concen: 0.216 ppbv
RT: 3.651 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 6485

Ion	Ratio	Lower	Upper
78	100		
77	18.5	17.0	25.4
50	15.0	16.9	25.3#

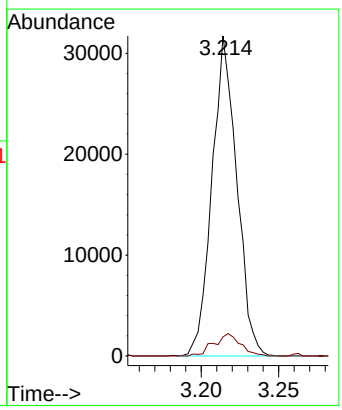


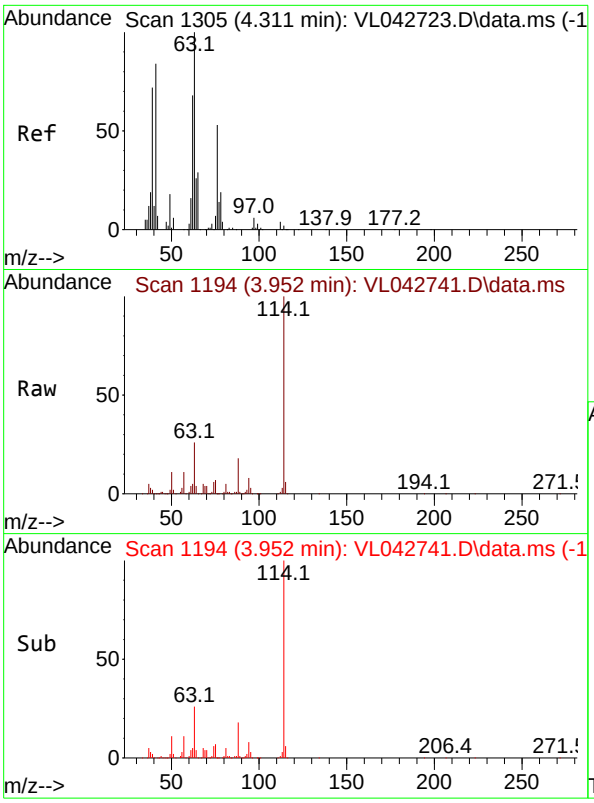


#37
1,2-Dichloroethane
Concen: 1.847 ppbv
RT: 3.214 min Scan# 966
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 62 Resp: 35349

Ion	Ratio	Lower	Upper
62	100		
98	7.5	4.8	7.2#



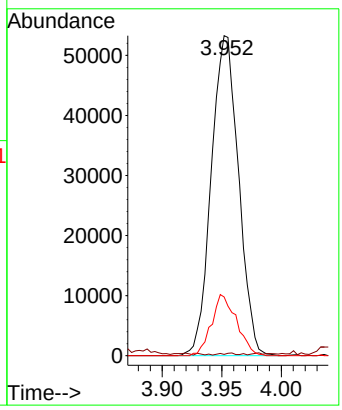


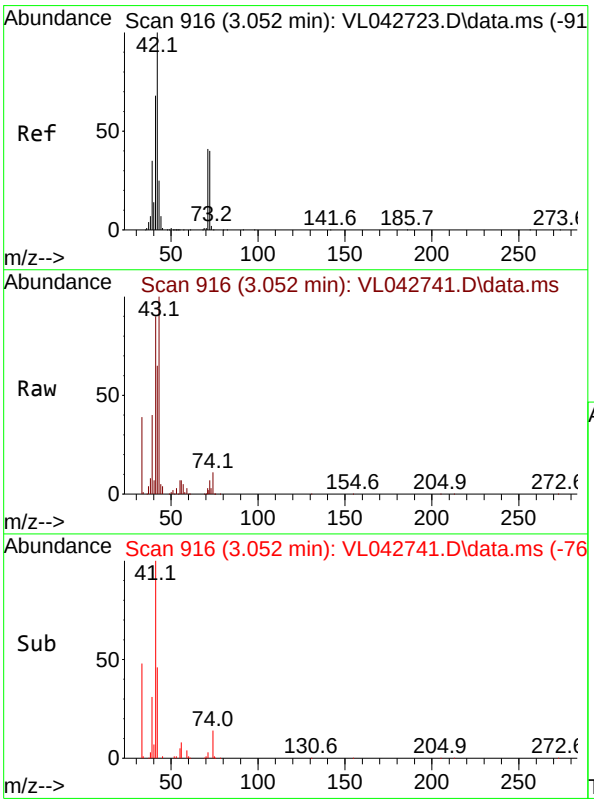
#39
1,2-Dichloropropane
Concen: 7.597 ppbv
RT: 3.952 min Scan# 1
Delta R.T. -0.359 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 84864

Ion	Ratio	Lower	Upper
63	100		
41	0.0	67.7	101.5#
62	18.3	54.1	81.1#

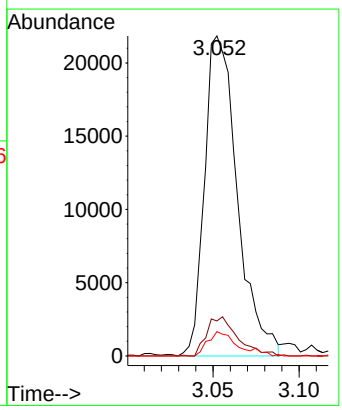


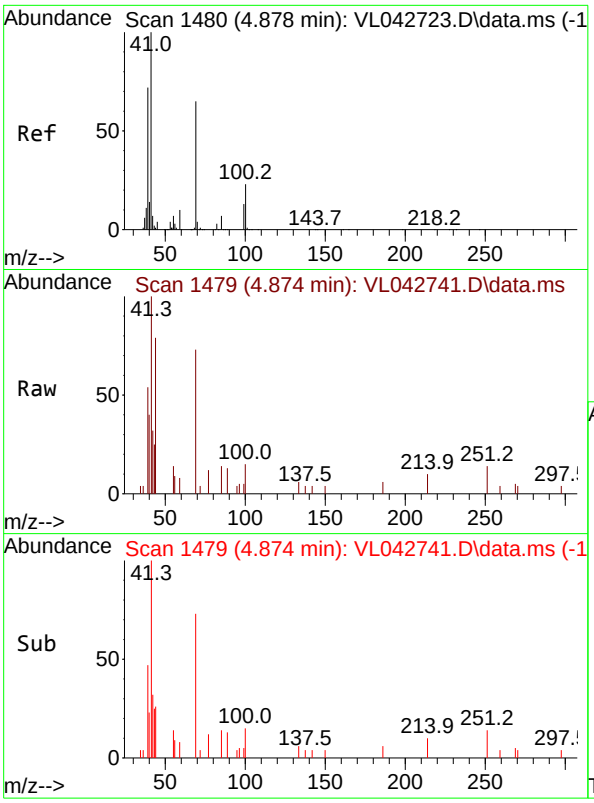


#41
Tetrahydrofuran
Concen: 2.582 ppbv
RT: 3.052 min Scan# 916
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 42 Resp: 28946

Ion	Ratio	Lower	Upper
42	100		
72	11.7	32.2	48.2#
71	6.9	29.8	44.6#



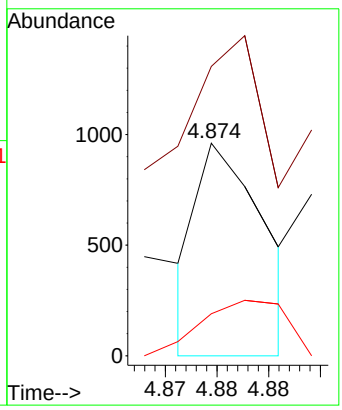


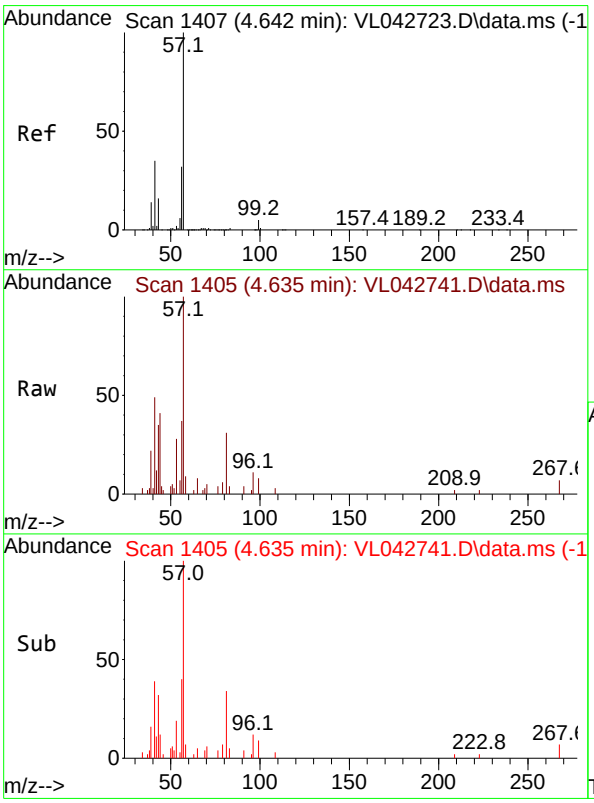
#43
Methyl Methacrylate
Concen: 0.037 ppbv
RT: 4.874 min Scan# 14
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 430

Ion	Ratio	Lower	Upper
69	100		
41	585.1	125.8	188.6#
100	0.0	29.9	44.9#

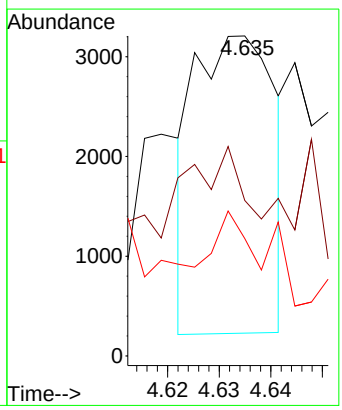


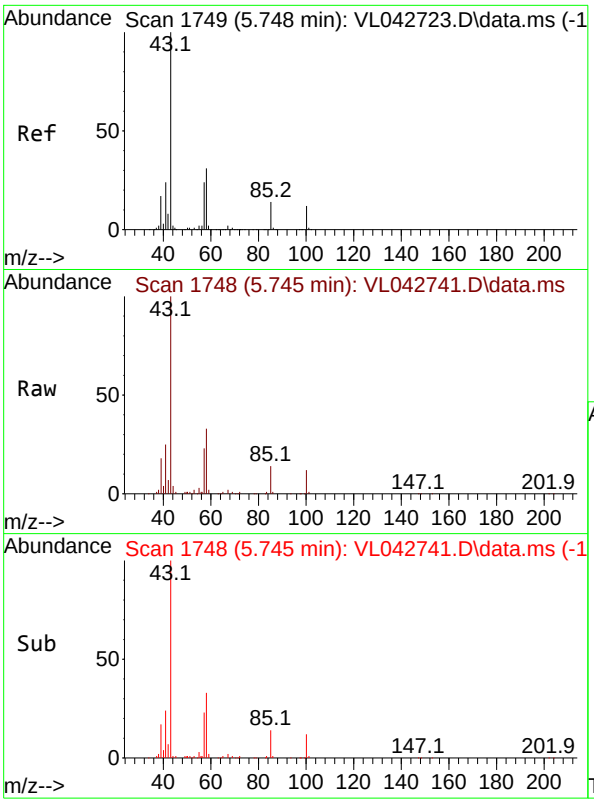


#44
2,2,4-Trimethylpentane
Concen: 0.065 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. -0.007 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 57 Resp: 3199

Ion	Ratio	Lower	Upper
57	100		
41	0.0	29.4	44.0#
56	119.3	26.1	39.1#



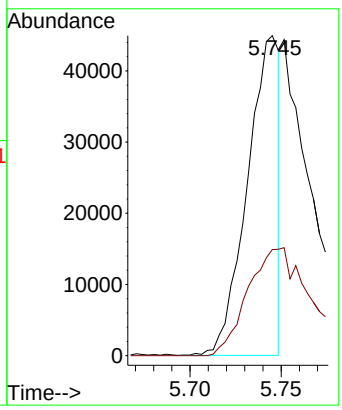


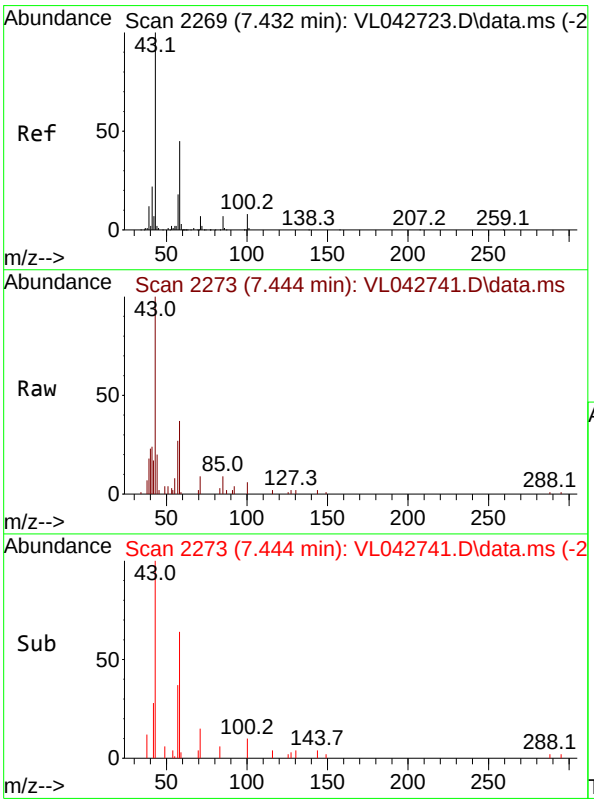
#50
4-Methyl-2-Pentanone
Concen: 1.865 ppbv
RT: 5.745 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 54338

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.6	41.4#

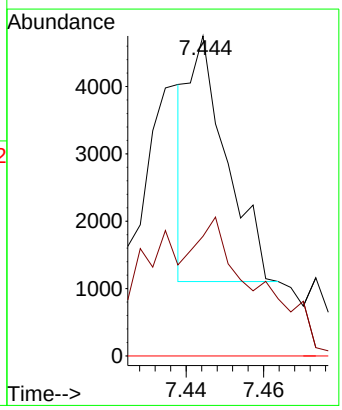


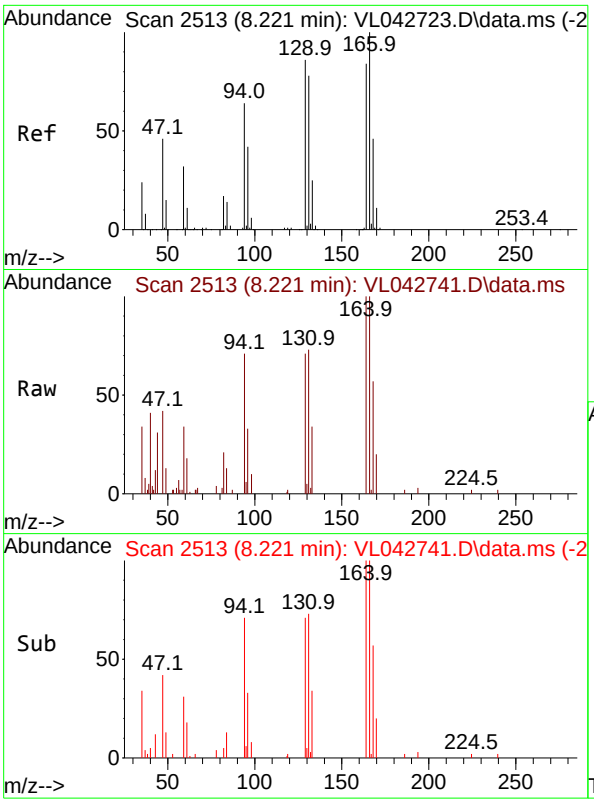


#51
2-Hexanone
Concen: 0.107 ppbv
RT: 7.444 min Scan# 2273
Delta R.T. 0.013 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 43 Resp: 2486

Ion	Ratio	Lower	Upper
43	100		
58	162.7	37.9	56.9#
98	11.1	0.2	0.2#



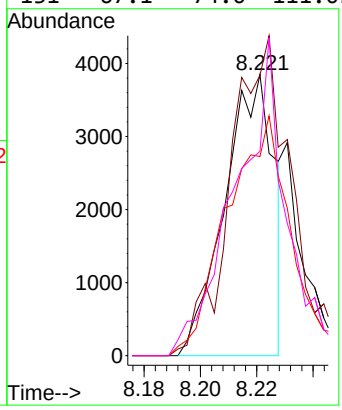


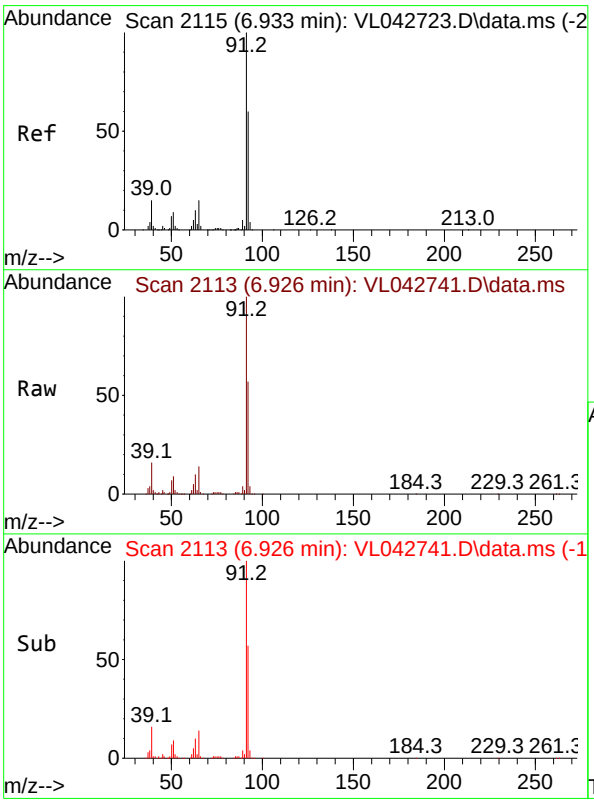
#52
Tetrachloroethene
Concen: 0.385 ppbv
RT: 8.221 min Scan# 2
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 4650

Ion	Ratio	Lower	Upper
164	100		
166	97.5	95.1	142.7
129	67.6	81.9	122.9#
131	67.1	74.0	111.0#

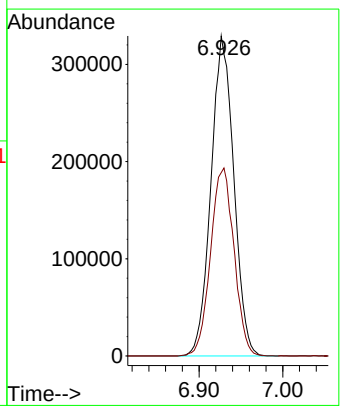


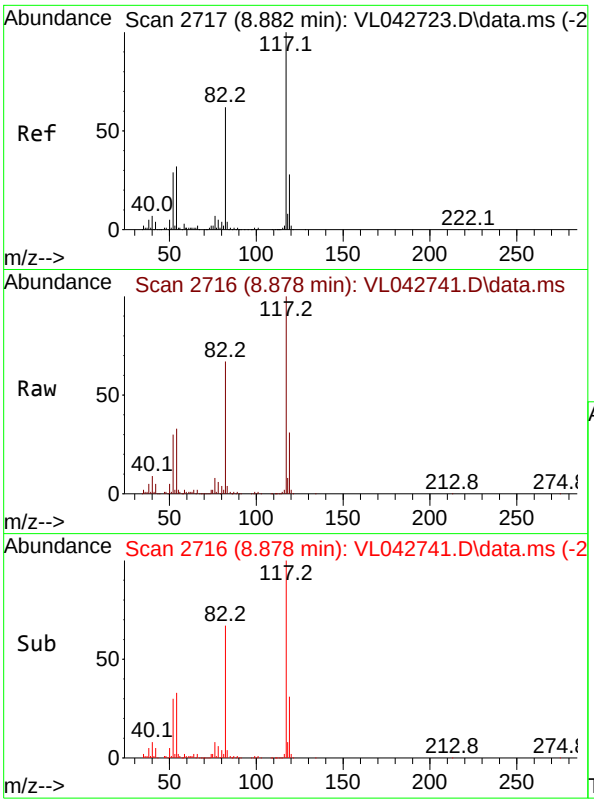


#53
Toluene
Concen: 18.420 ppbv
RT: 6.926 min Scan# 2113
Delta R.T. -0.007 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 91 Resp: 623030

Ion	Ratio	Lower	Upper
91	100		
92	60.5	48.2	72.4



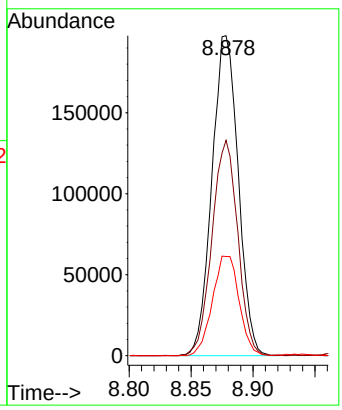


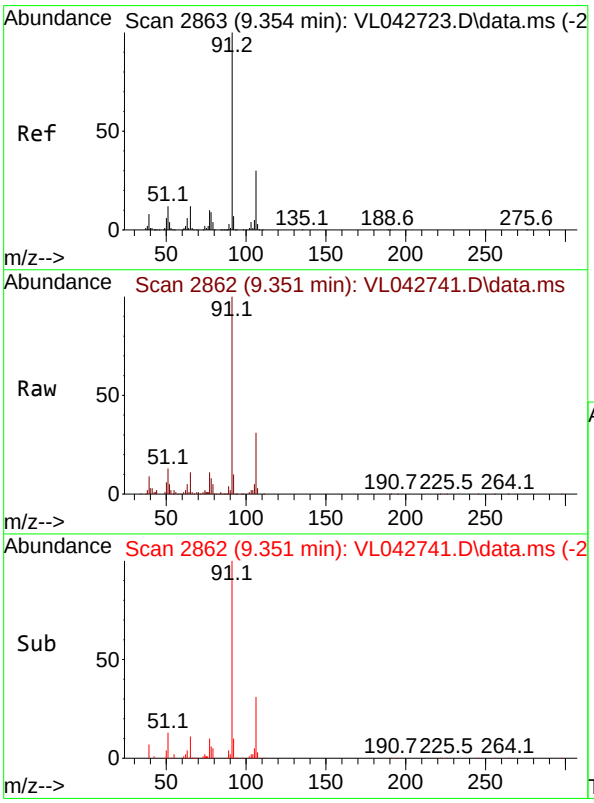
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 292536

Ion	Ratio	Lower	Upper
117	100		
82	65.9	54.6	81.8
119	31.6	25.3	37.9

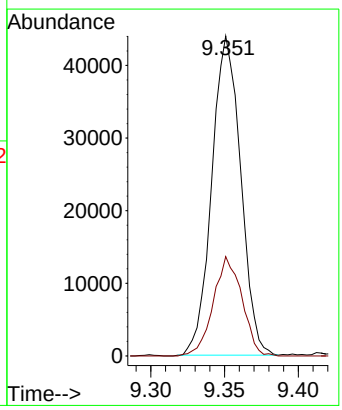


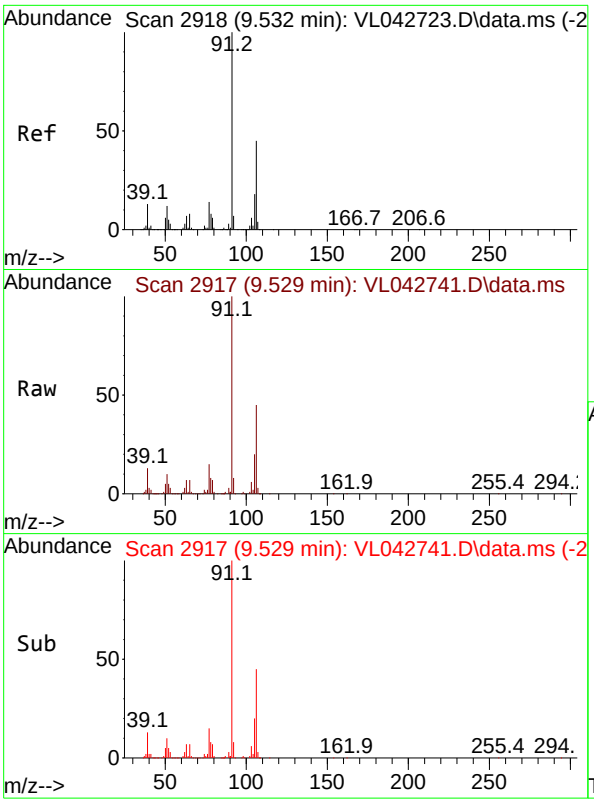


#58
Ethyl Benzene
Concen: 1.226 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 91 Resp: 59900

Ion	Ratio	Lower	Upper
91	100		
106	31.1	23.7	35.5



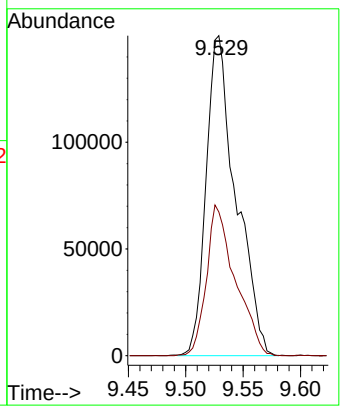


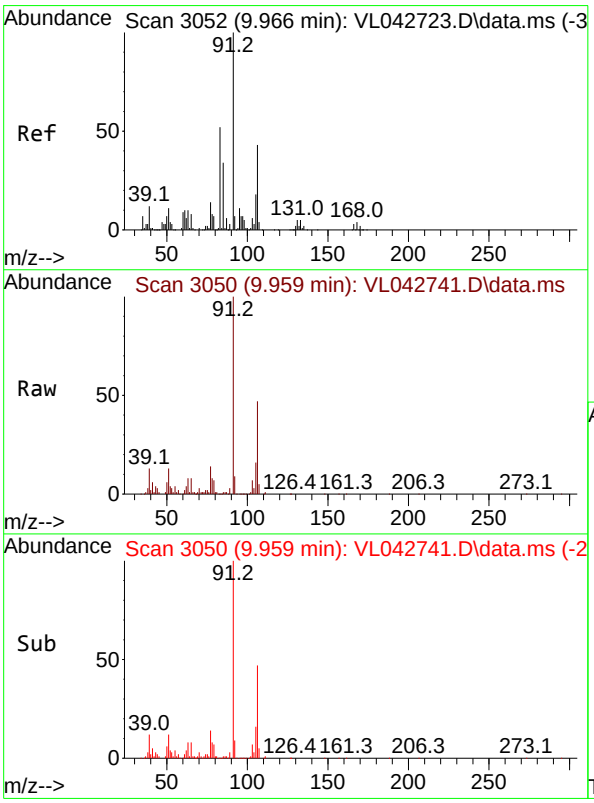
#59
m/p-Xylene
Concen: 6.947 ppbv
RT: 9.529 min Scan# 2
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 271574

Ion	Ratio	Lower	Upper
91	100		
106	45.5	37.3	55.9

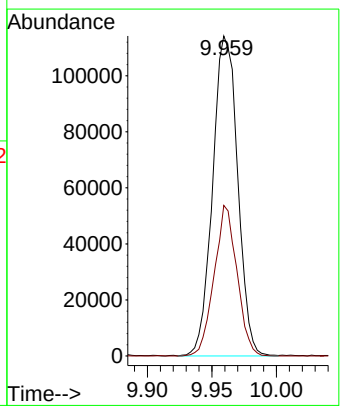


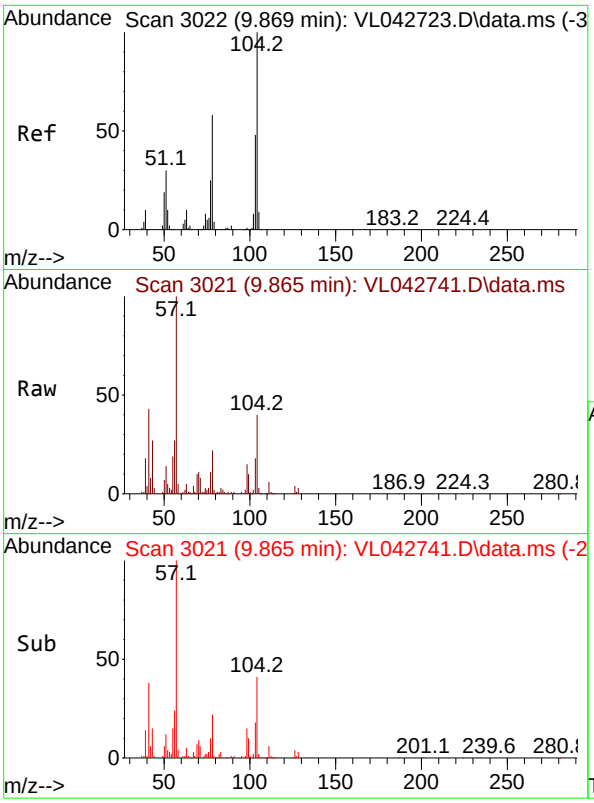


#60
o-Xylene
Concen: 3.902 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.007 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 91 Resp: 154009

Ion	Ratio	Lower	Upper
91	100		
106	42.9	21.4	64.3



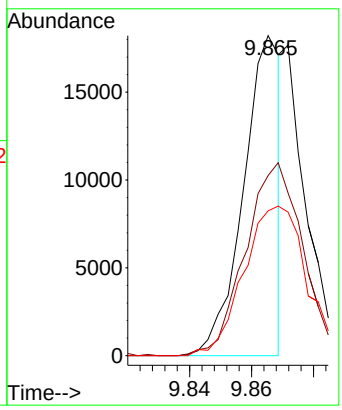


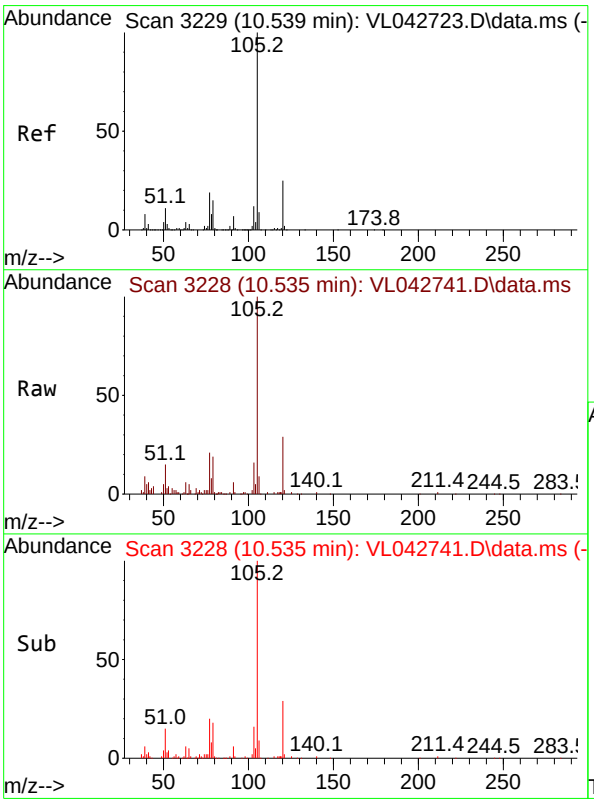
#61
Styrene
Concen: 0.888 ppbv
RT: 9.865 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 15095

Ion	Ratio	Lower	Upper
104	100		
78	0.0	43.4	65.2#
103	0.0	37.8	56.6#

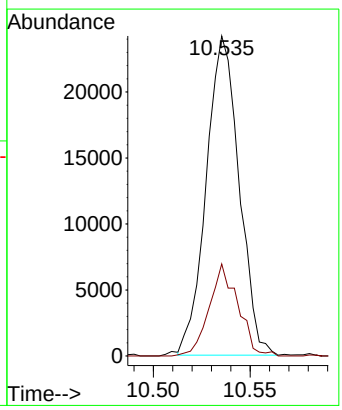


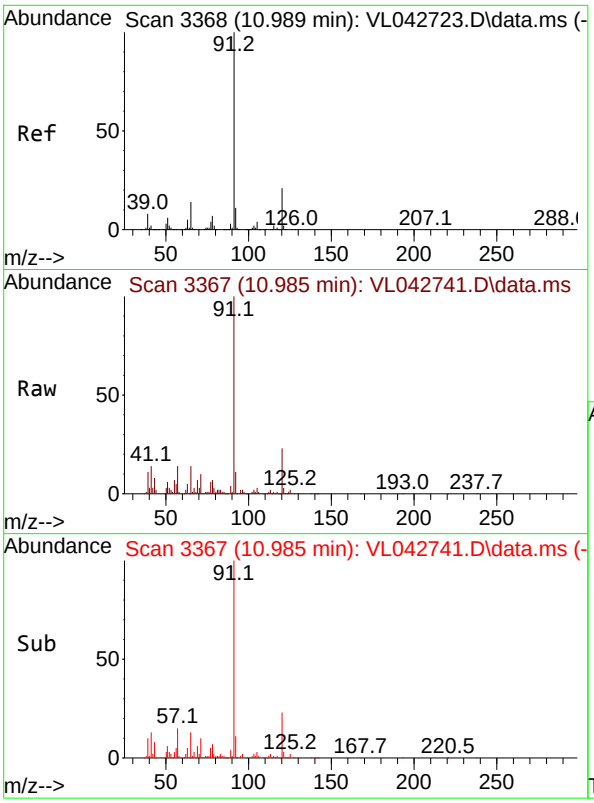


#62
Isopropylbenzene
Concen: 0.486 ppbv
RT: 10.535 min Scan# 3228
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion:105 Resp: 28526

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.2	30.2



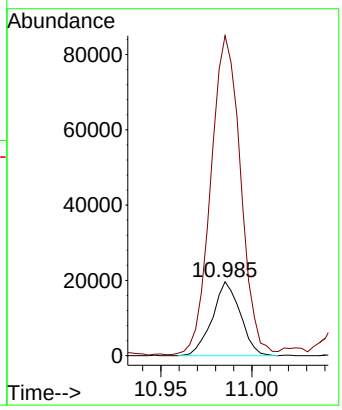


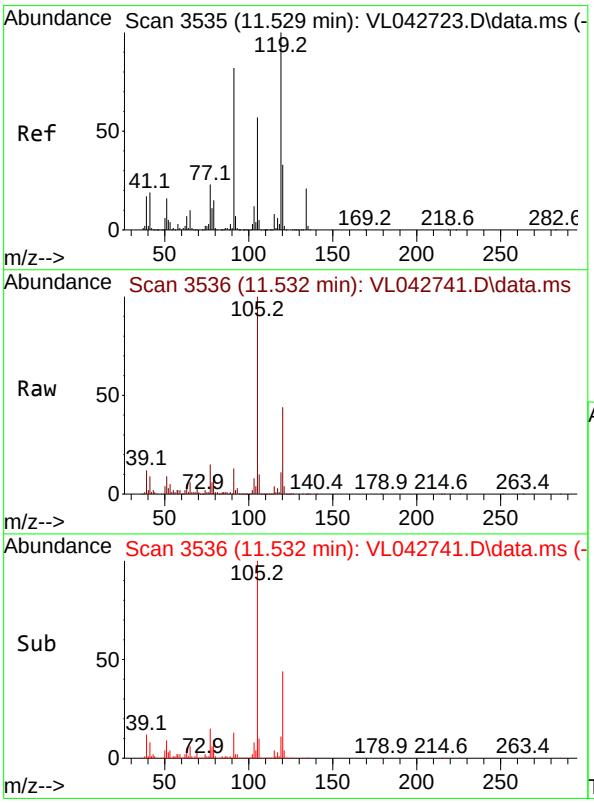
#64
n-propylbenzene
Concen: 1.413 ppbv
RT: 10.985 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 20910

Ion	Ratio	Lower	Upper
120	100		
91	461.6	377.4	566.0

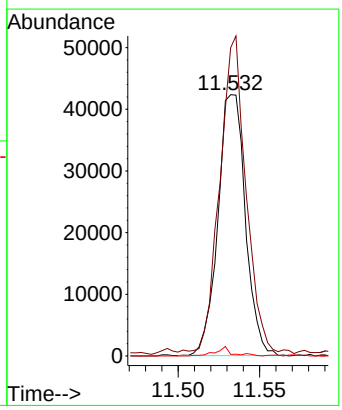


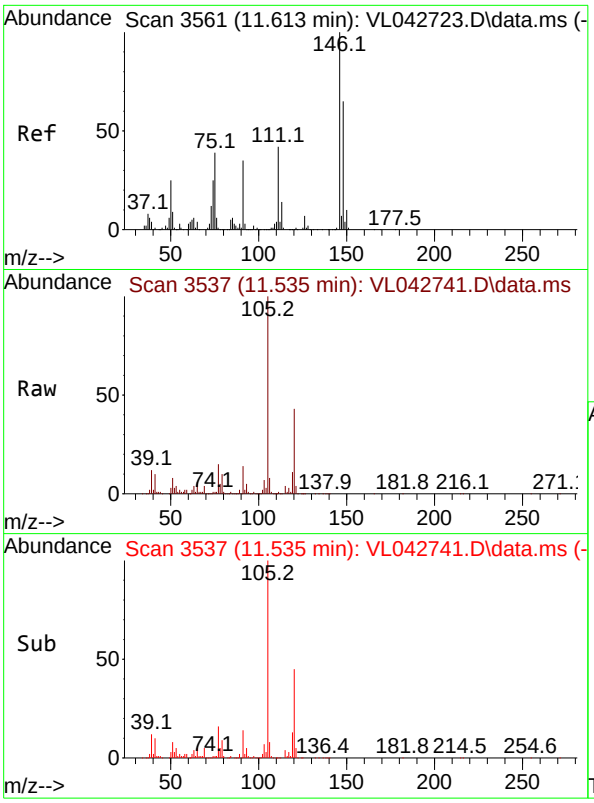


#65
tert-Butylbenzene
Concen: 0.945 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. 0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion:119 Resp: 49628

Ion	Ratio	Lower	Upper
119	100		
91	123.9	66.5	99.7#
134	2.1	16.7	25.1#



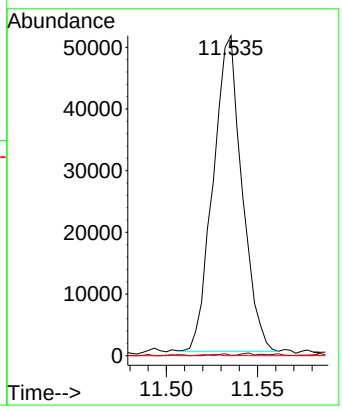


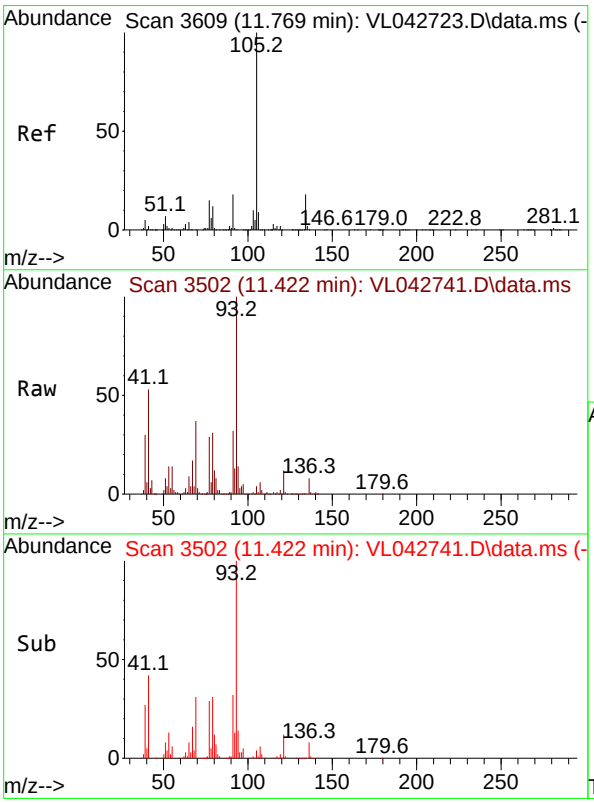
#66
Benzyl Chloride
Concen: 11.292 ppbv
RT: 11.535 min Scan# 3
Delta R.T. -0.078 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 56400

Ion	Ratio	Lower	Upper
91	100		
126	0.9	15.0	22.4#
128	0.3	5.0	7.6#

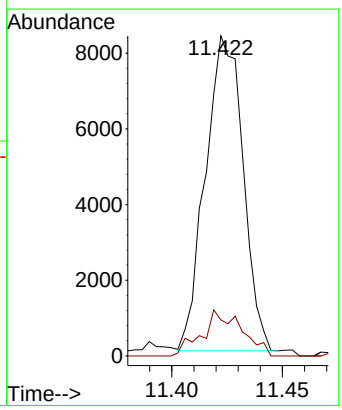


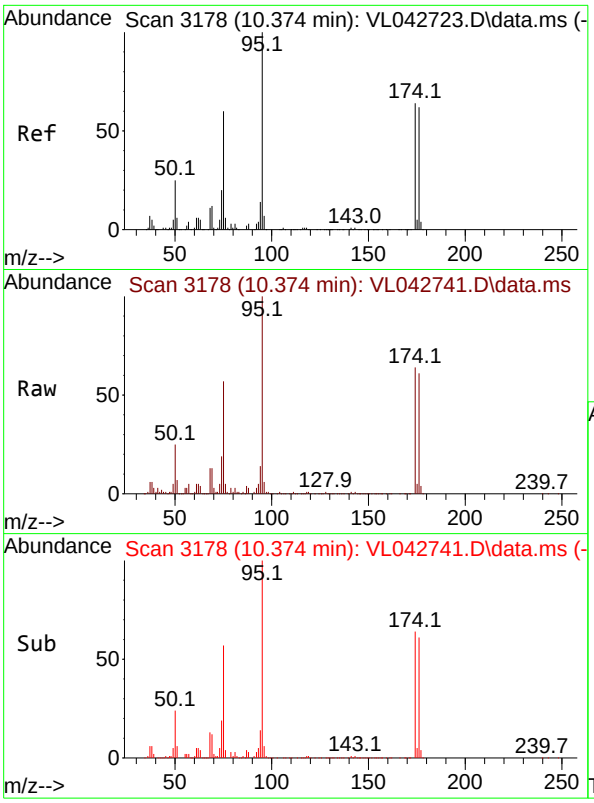


#67
sec-Butylbenzene
Concen: 0.136 ppbv
RT: 11.422 min Scan# 3502
Delta R.T. -0.346 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion:105 Resp: 9845

Ion	Ratio	Lower	Upper
105	100		
134	15.3	15.0	22.4



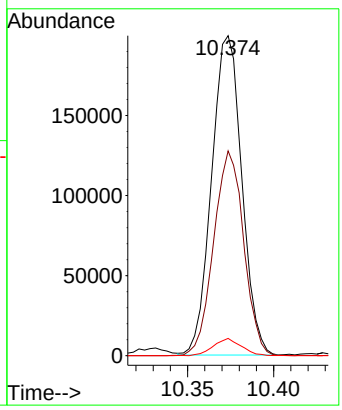


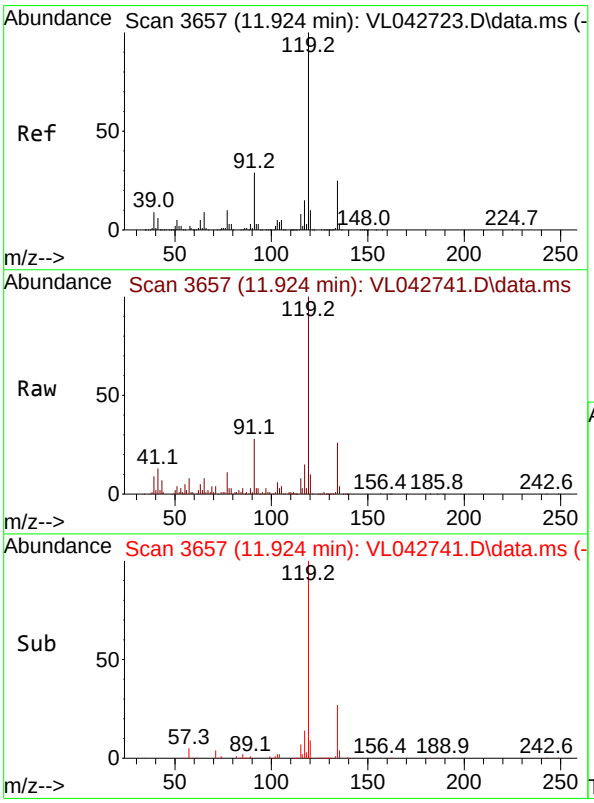
#68
1-Bromo-4-Fluorobenzene
Concen: 10.298 ppbv
RT: 10.374 min Scan# 3
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 243485

Ion	Ratio	Lower	Upper
95	100		
174	63.8	51.4	77.2
175	5.0	4.2	6.4

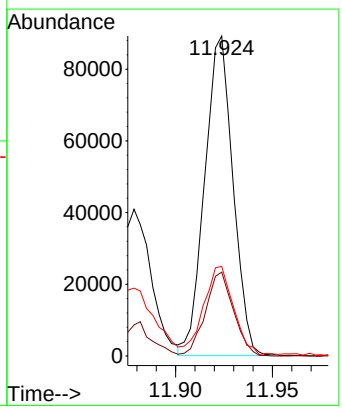


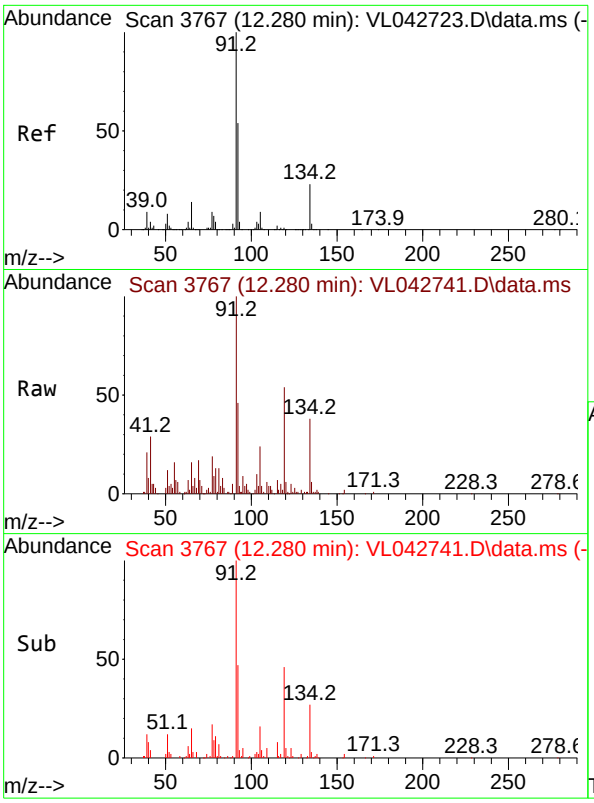


#69
p-Isopropyltoluene
Concen: 1.502 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion:119 Resp: 90731

Ion	Ratio	Lower	Upper
119	100		
134	25.9	19.8	29.6
91	30.2	23.9	35.9



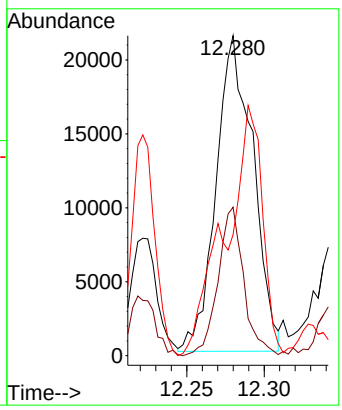


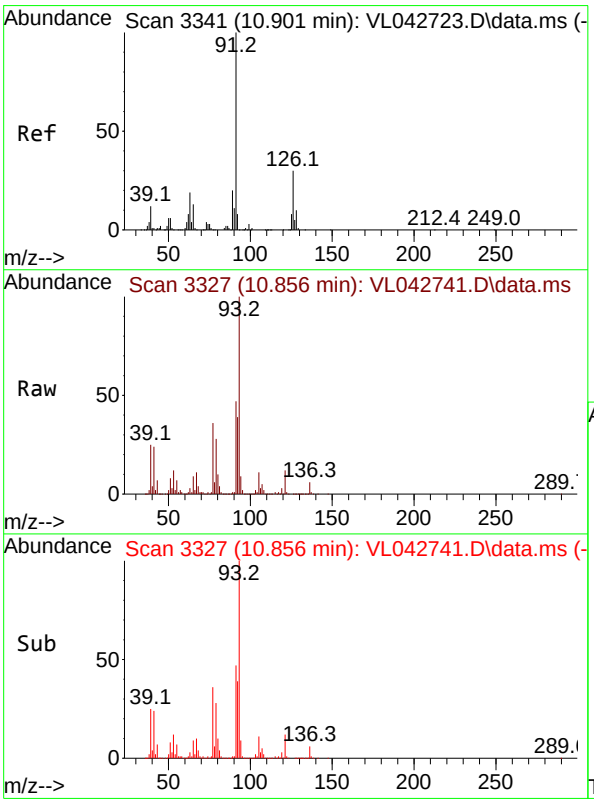
#70
n-Butylbenzene
Concen: 0.613 ppbv
RT: 12.280 min Scan# 3
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 35372

Ion	Ratio	Lower	Upper
91	100		
92	32.7	43.2	64.8#
134	79.8	19.0	28.6#

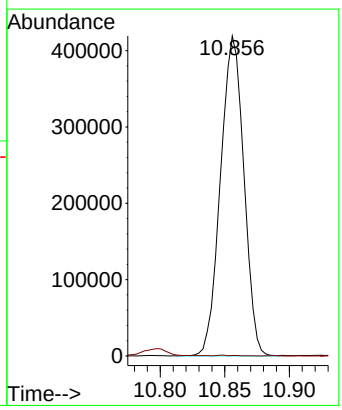


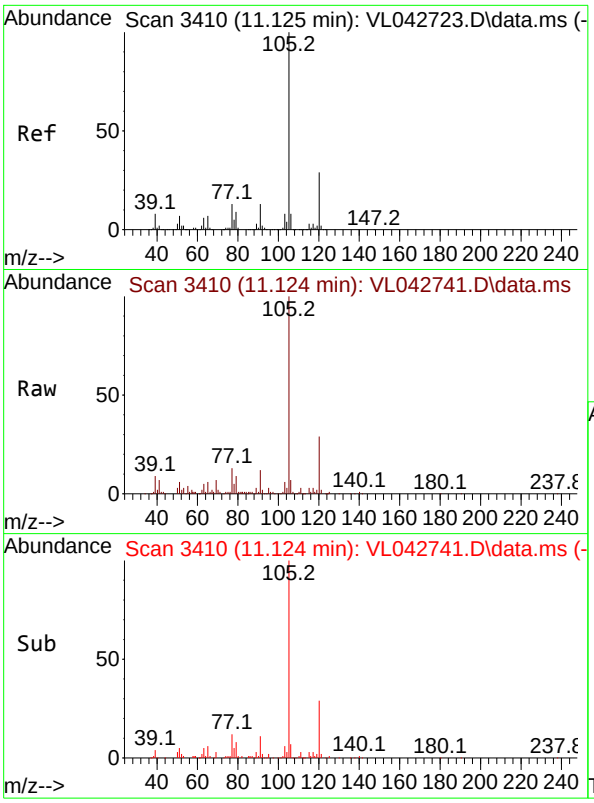


#71
2-Chlorotoluene
Concen: 11.856 ppbv
RT: 10.856 min Scan# 3327
Delta R.T. -0.045 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 91 Resp: 527388

Ion	Ratio	Lower	Upper
91	100		
126	0.1	11.6	46.4#



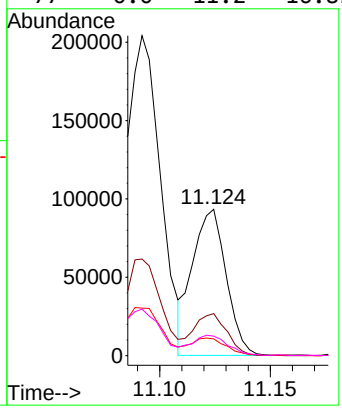


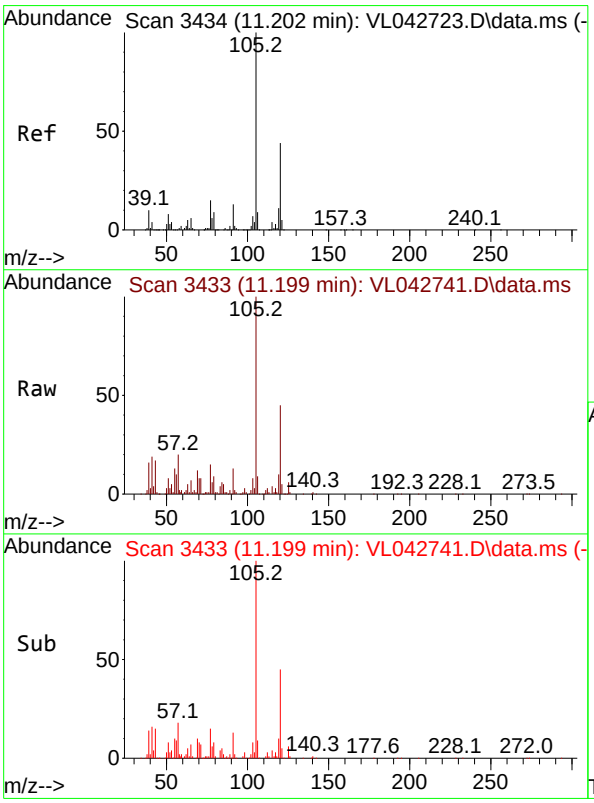
#72
4-Ethyltoluene
Concen: 2.105 ppbv
RT: 11.124 min Scan# 34
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 99089

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.4	35.0#
91	0.0	10.6	15.8#
77	0.0	11.2	16.8#

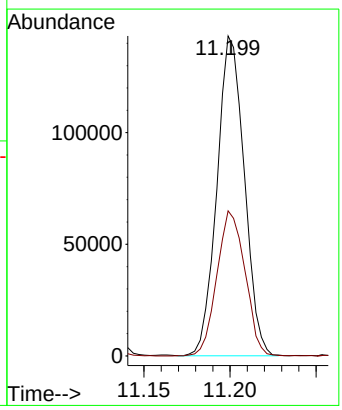


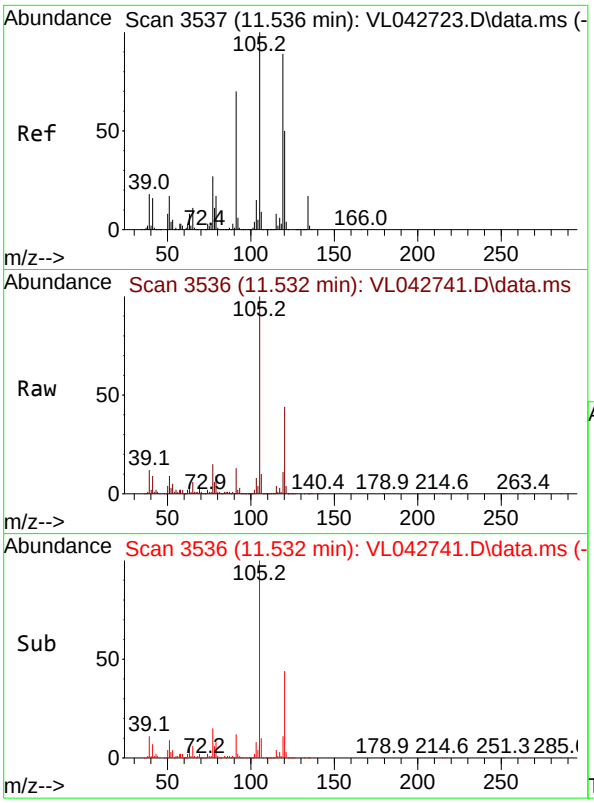


#73
1,3,5-Trimethylbenzene
Concen: 4.068 ppbv
RT: 11.199 min Scan# 3433
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion:105 Resp: 158369

Ion	Ratio	Lower	Upper
105	100		
120	45.3	35.2	52.8



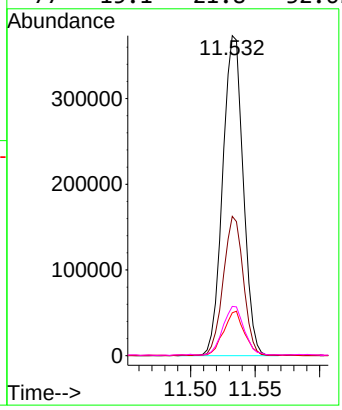


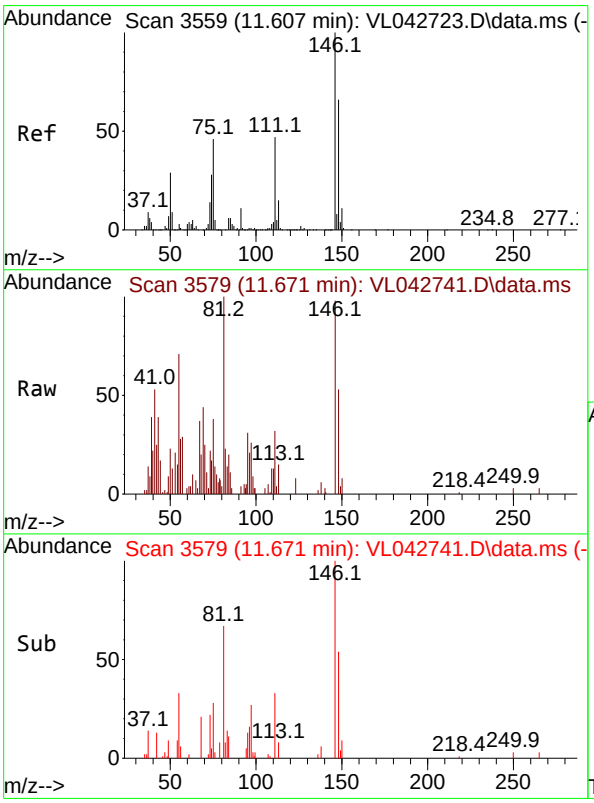
#74
1,2,4-Trimethylbenzene
Concen: 9.639 ppbv
RT: 11.532 min Scan# 3
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 411701

Ion	Ratio	Lower	Upper
105	100		
120	43.5	39.9	59.9
91	13.2	56.5	84.7#
77	15.1	21.8	32.6#

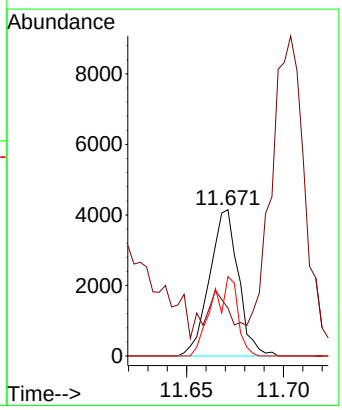


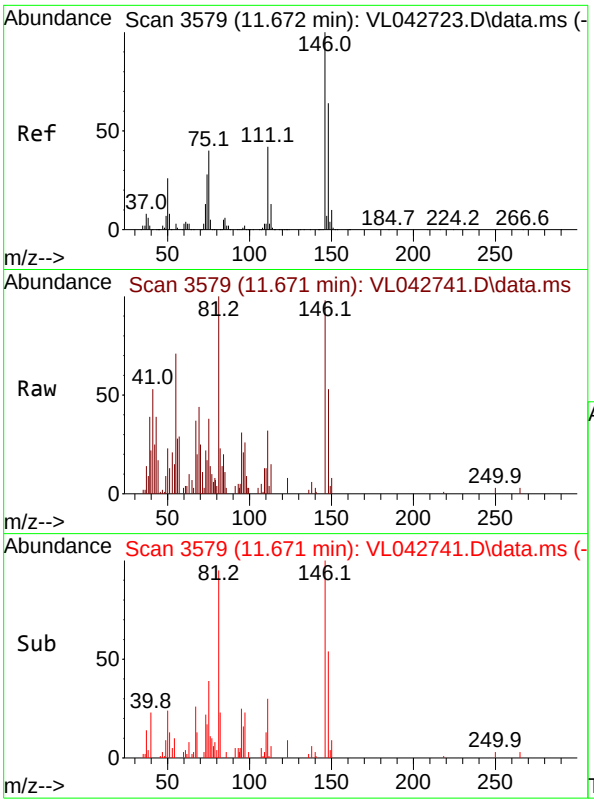


#75
1,3-Dichlorobenzene
Concen: 0.151 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. 0.065 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion:146 Resp: 4302

Ion	Ratio	Lower	Upper
146	100		
111	250.0	23.5	70.5#
148	48.2	32.6	98.0



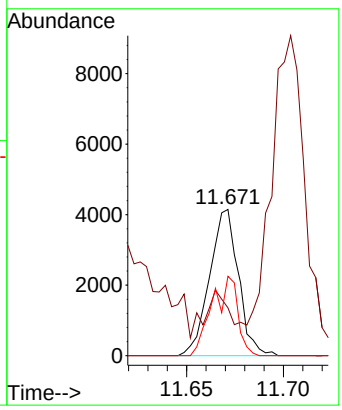


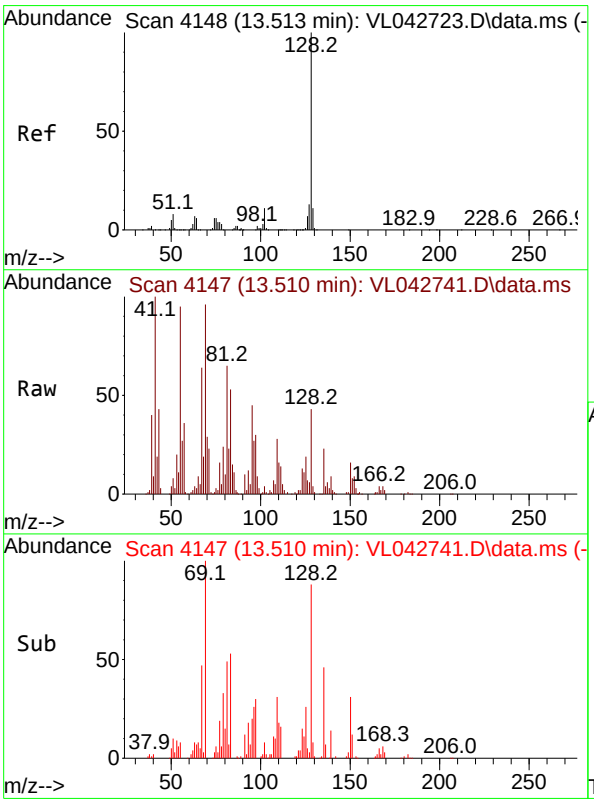
#76
1,4-Dichlorobenzene
Concen: 0.156 ppbv
RT: 11.671 min Scan# 3
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 4302

Ion	Ratio	Lower	Upper
146	100		
111	276.5	22.1	66.1#
148	48.2	32.1	96.5

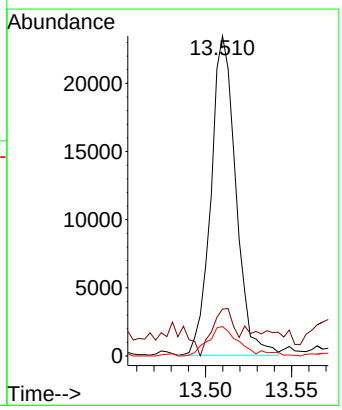


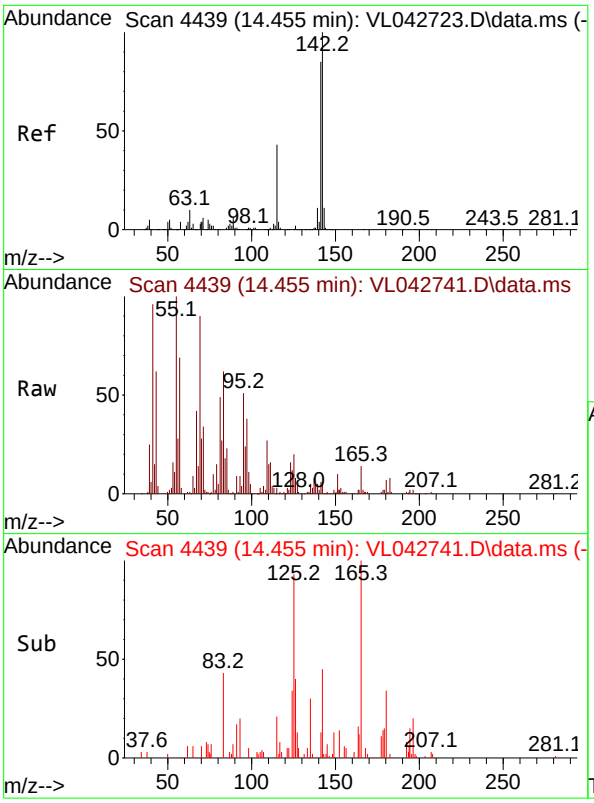


#79
Naphthalene
Concen: 0.738 ppbv
RT: 13.510 min Scan# 4147
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion:128 Resp: 23579

Ion	Ratio	Lower	Upper
128	100		
127	8.7	10.3	15.5#
129	9.2	8.6	13.0





#80
Naphthalene,2-methyl-
Concen: 0.302 ppbv
RT: 14.455 min Scan# 44
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 3179

Ion	Ratio	Lower	Upper
142	100		
141	108.6	65.6	98.4#
115	44.8	31.7	47.5