

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091725\
 Data File : VL042934.D
 Acq On : 17 Sep 2025 13:07
 Operator : SY/MD
 Sample : VSTDIC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 18 02:31:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Sep 18 02:25:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.787	49	151993	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	373216	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	318402	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	236647	9.509	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	1010	0.047	ppbv	92
3) Chlorodifluoromethane	1.476	51	1060	0.046	ppbv #	91
4) Chloromethane	1.535	50	508	0.058	ppbv #	84
5) Vinyl Chloride	1.583	62	305	0.037	ppbv	93
6) Bromomethane	1.667	94	196	0.069	ppbv #	74
7) Chloroethane	1.703	64	92	0.030	ppbv #	35
8) Dichlorotetrafluoroethane	1.554	85	775	0.045	ppbv	93
9) Propene	1.486	41	516	0.062	ppbv	99
10) Heptane	4.985	43	55	0.003	ppbv #	28
11) Trichlorofluoromethane	1.881	101	1172	0.055	ppbv #	79
12) 1,1,2-Trichlorotrifluo...	2.140	101	676	0.040	ppbv	94
13) Ethanol	1.887	45	827	0.972	ppbv #	34
14) Bromoethene	1.784	108	188	0.031	ppbv #	46
15) Acetone	1.836	43	2632	0.141	ppbv	92
16) 1,3-Butadiene	1.612	39	467	0.060	ppbv #	59
17) tert-Butyl alcohol	2.043	59	859	0.048	ppbv #	94
18) 1,1-Dichloroethene	2.033	96	434	0.059	ppbv #	65
19) Isopropyl Alcohol	1.887	45	827	0.083	ppbv #	1
20) Methylene Chloride	2.062	84	2545	0.313	ppbv #	92
21) Allyl Chloride	2.094	41	653	0.052	ppbv #	68
22) trans-1,2-Dichloroethene	2.337	96	602	0.072	ppbv #	55
23) Vinyl Acetate	2.463	43	503	0.023	ppbv #	1
24) 1,1-Dichloroethane	2.412	63	270	0.016	ppbv #	85
25) Ethyl Acetate	2.832	43	653	0.016	ppbv #	75
26) Hexane	2.829	57	690	0.040	ppbv #	87
27) Carbon Disulfide	2.149	76	871	0.041	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	419	0.045	ppbv #	85
29) Chloroform	2.852	83	485	0.017	ppbv	88
30) Cyclohexane	3.858	84	330	0.026	ppbv #	54
31) cis-1,2-Dichloroethene	2.722	61	451	0.027	ppbv	100
32) 1,1,1-Trichloroethane	3.363	97	365	0.014	ppbv #	1
34) 2-Butanone	2.567	43	930	0.038	ppbv	94
35) Carbon Tetrachloride	3.765	117	317	0.012	ppbv #	1
36) Benzene	3.658	78	648	0.020	ppbv #	86
37) 1,2-Dichloroethane	3.214	62	962	0.049	ppbv #	80
38) Trichloroethene	4.551	130	446	0.030	ppbv #	75
39) 1,2-Dichloropropane	3.959	63	100476	7.639	ppbv #	21
40) 1,4-Dioxane	4.625	88	99	0.021	ppbv #	23
41) Tetrahydrofuran	3.062	42	87	0.007	ppbv #	38
42) Bromodichloromethane	4.490	83	709	0.025	ppbv #	63
43) Methyl Methacrylate	4.881	69	74	0.007	ppbv #	1
44) 2,2,4-Trimethylpentane	4.645	57	307	0.006	ppbv #	1
45) t-1,3-Dichloropropene	6.409	75	90	0.008	ppbv #	45

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091725\
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 Sample : VSTDIC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

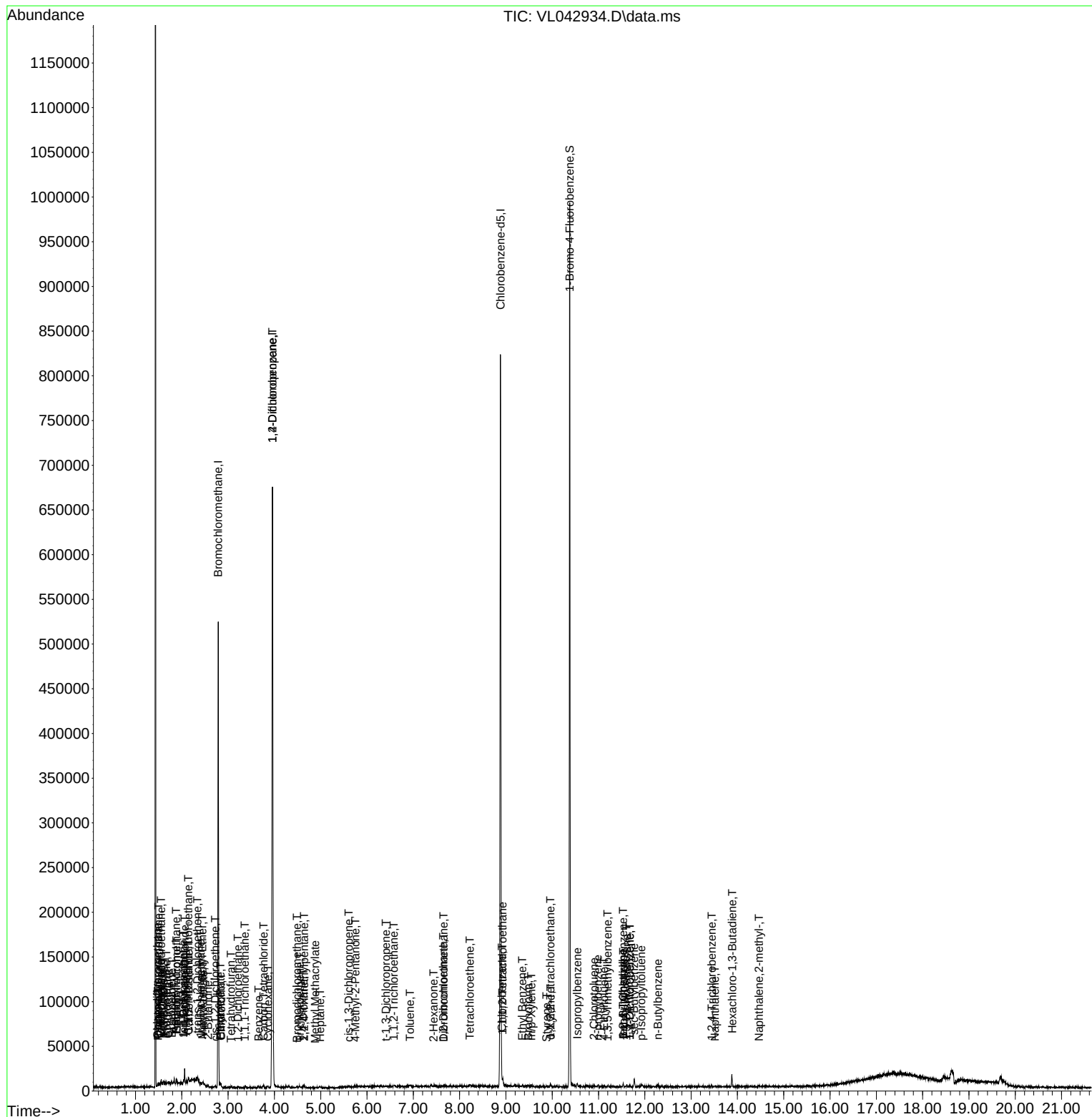
Quant Time: Sep 18 02:31:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Sep 18 02:25:28 2025
 Response via : Initial Calibration

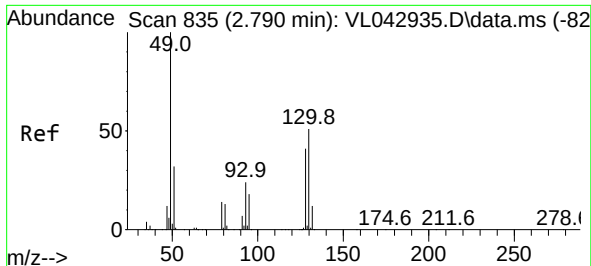
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.603	75	156	0.010	ppbv	#	28
47) 1,1,2-Trichloroethane	6.577	97	94	0.007	ppbv	#	34
48) Dibromochloromethane	7.655	129	47	0.002	ppbv		77
49) Bromoform	9.484	173	447	0.027	ppbv		91
50) 4-Methyl-2-Pentanone	5.752	43	20	0.001	ppbv	#	40
51) 2-Hexanone	7.438	43	64	0.003	ppbv	#	31
52) Tetrachloroethene	8.221	164	222	0.022	ppbv	#	23
53) Toluene	6.930	91	344	0.011	ppbv	#	1
54) 1,2-Dibromoethane	7.645	107	182	0.011	ppbv		88
56) 1,1,1,2-Tetrachloroethane	8.927	131	326	0.020	ppbv	#	1
57) Chlorobenzene	8.914	112	616	0.021	ppbv	#	42
58) Ethyl Benzene	9.354	91	836	0.020	ppbv	#	70
59) m/p-Xylene	9.548	91	207	0.006	ppbv	#	30
60) o-Xylene	9.966	91	589	0.017	ppbv	#	60
61) Styrene	9.879	104	132	0.548	ppbv		93
62) Isopropylbenzene	10.542	105	1319	0.026	ppbv		94
63) 1,1,2,2-Tetrachloroethane	9.963	83	855	0.034	ppbv		99
64) n-propylbenzene	10.985	120	160	0.012	ppbv	#	1
65) tert-Butylbenzene	11.532	119	712	0.017	ppbv	#	81
66) Benzyl Chloride	11.536	91	393	0.099	ppbv	#	66
67) sec-Butylbenzene	11.769	105	679	0.010	ppbv	#	24
69) p-Isopropyltoluene	11.924	119	599	0.012	ppbv	#	85
70) n-Butylbenzene	12.283	91	700	0.312	ppbv		94
71) 2-Chlorotoluene	10.901	91	729	0.020	ppbv		87
72) 4-Ethyltoluene	11.121	105	297	0.367	ppbv	#	56
73) 1,3,5-Trimethylbenzene	11.199	105	291	0.009	ppbv	#	47
74) 1,2,4-Trimethylbenzene	11.532	105	265	0.007	ppbv	#	61
75) 1,3-Dichlorobenzene	11.604	146	228	0.009	ppbv	#	23
76) 1,4-Dichlorobenzene	11.672	146	496	0.020	ppbv		94
77) 1,2-Dichlorobenzene	11.672	146	496	0.019	ppbv		97
78) Hexachloro-1,3-Butadiene	13.886	225	1096	0.067	ppbv		95
79) Naphthalene	13.513	128	666	0.378	ppbv	#	84
80) Naphthalene,2-methyl-	14.468	142	672	0.806	ppbv	#	85
81) 1,2,4-Trichlorobenzene	13.445	180	197	0.434	ppbv	#	74

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

Instrument :
MSVOA_L
ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Sep 18 02:25:28 2025
Response via : Initial Calibration

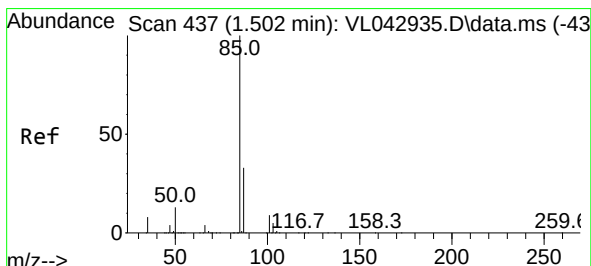
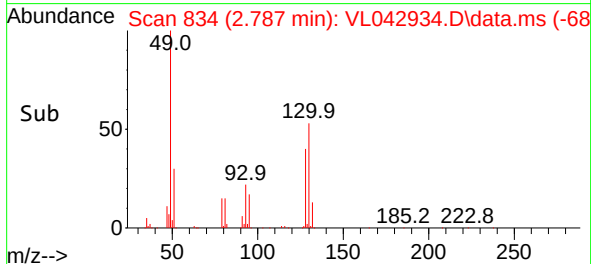
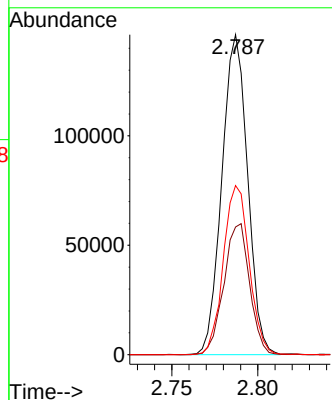
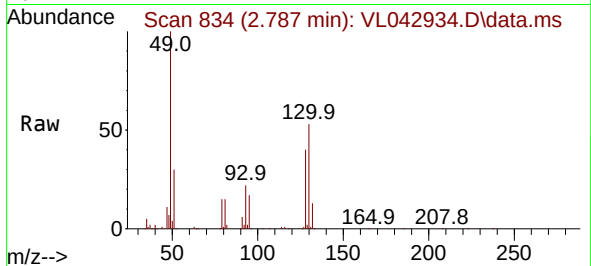




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

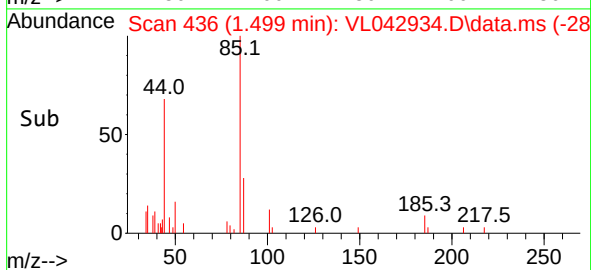
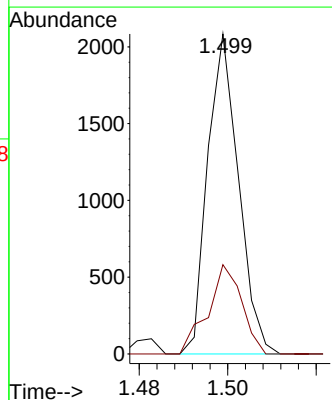
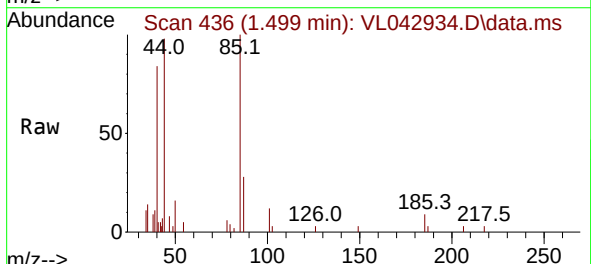
Instrument :
MSVOA_L
ClientSampleId :

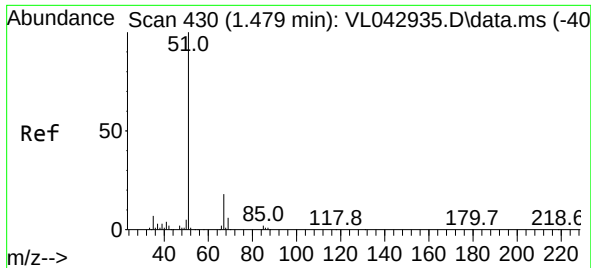
Tgt Ion: 49 Resp: 151993
Ion Ratio Lower Upper
49 100
128 41.0 21.1 63.4
130 53.2 26.4 79.2



#2
Dichlorodifluoromethane
Concen: 0.047 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion: 85 Resp: 1010
Ion Ratio Lower Upper
85 100
87 27.9 26.1 39.1

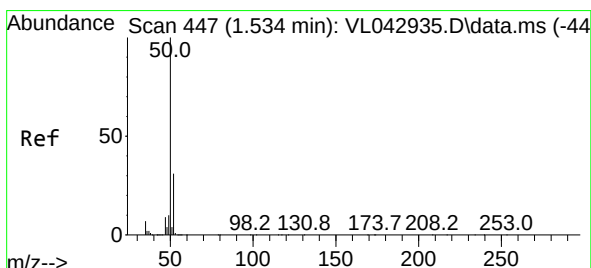
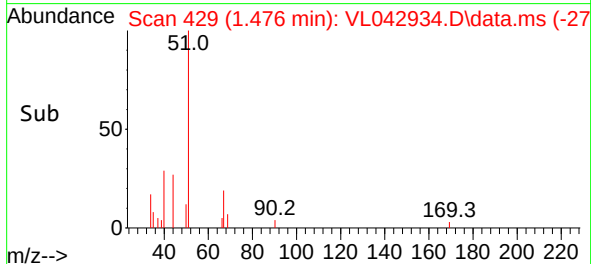
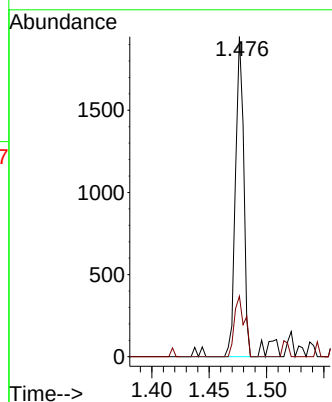
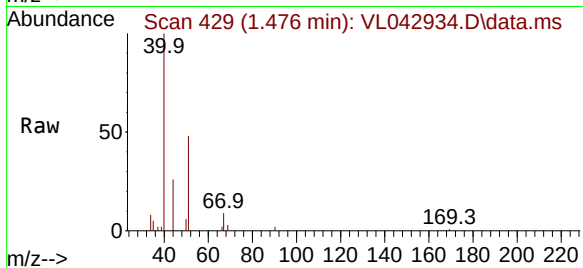




#3
Chlorodifluoromethane
Concen: 0.046 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

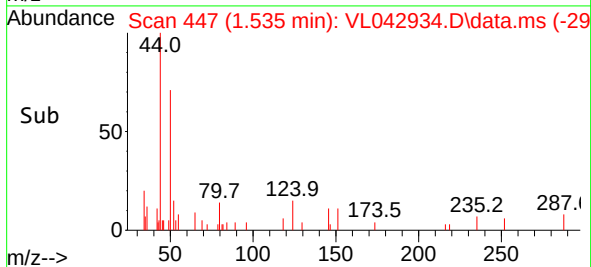
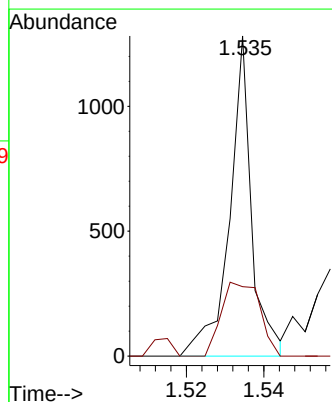
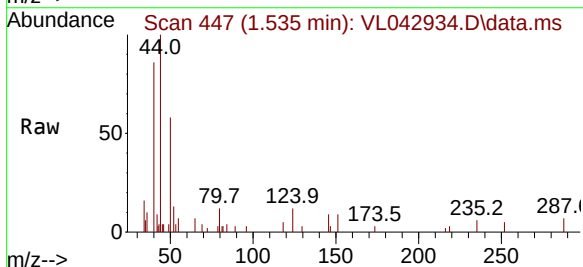
Instrument :
MSVOA_L
ClientSampleId :

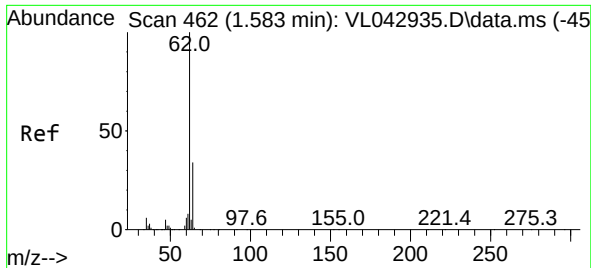
Tgt Ion: 51 Resp: 1060
Ion Ratio Lower Upper
51 100
67 21.6 14.1 21.1#



#4
Chloromethane
Concen: 0.058 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion: 50 Resp: 508
Ion Ratio Lower Upper
50 100
52 21.7 24.6 36.8#

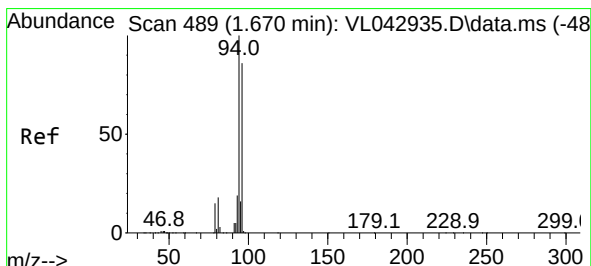
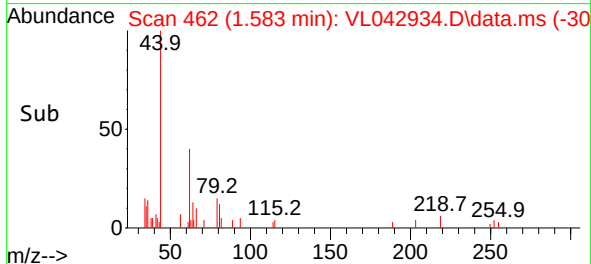
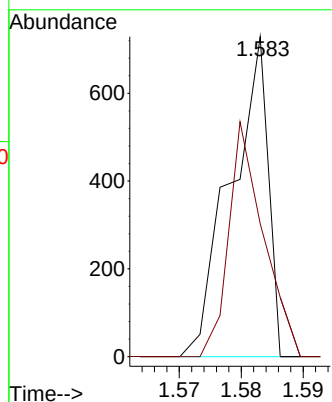
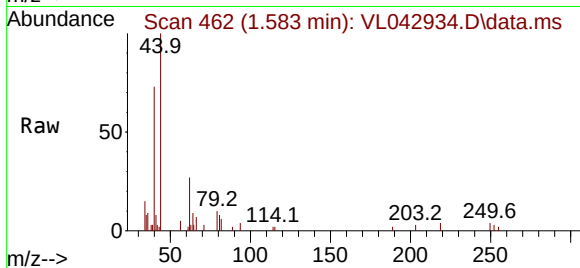




#5
 Vinyl Chloride
 Concen: 0.037 ppbv
 RT: 1.583 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

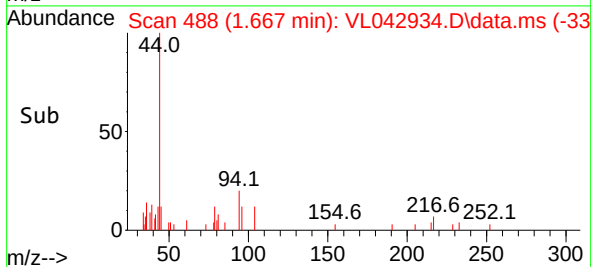
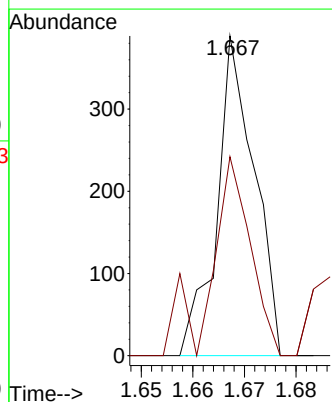
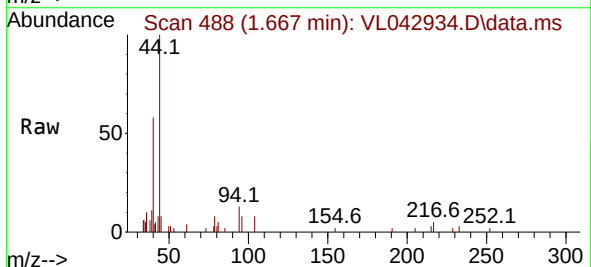
Instrument :
 MSVOA_L
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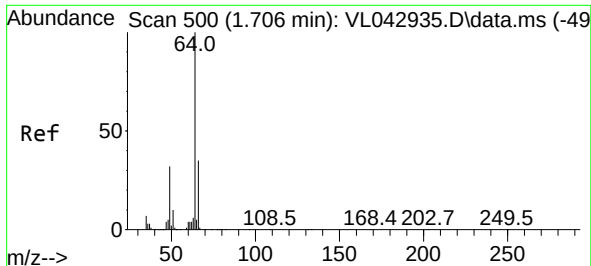
Tgt Ion: 62 Resp: 305
 Ion Ratio Lower Upper
 62 100
 64 38.0 27.0 40.6



#6
 Bromomethane
 Concen: 0.069 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.003 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

Tgt Ion: 94 Resp: 196
 Ion Ratio Lower Upper
 94 100
 96 62.2 68.6 103.0#

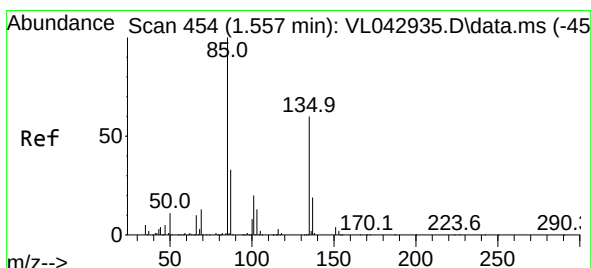
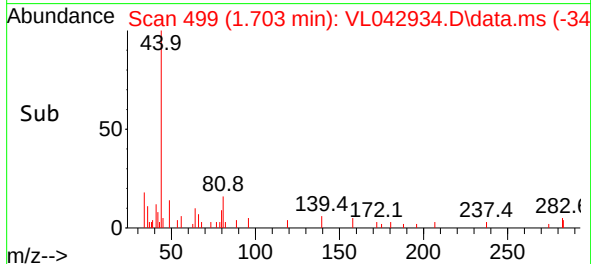
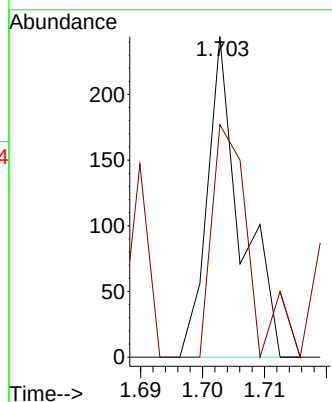
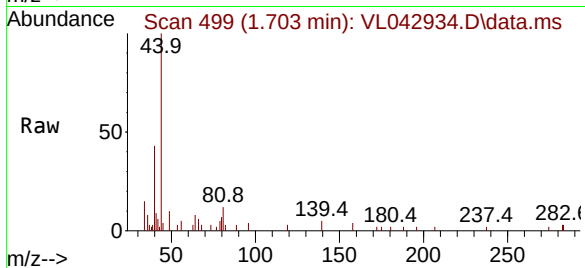




#7
Chloroethane
Concen: 0.030 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

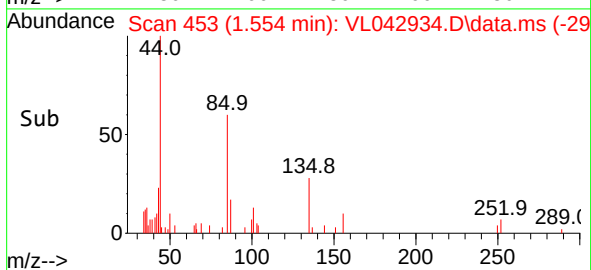
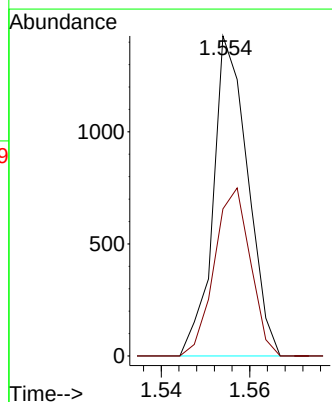
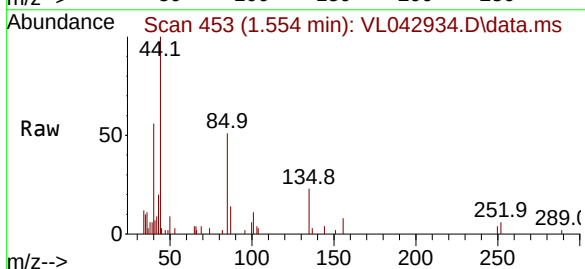
Instrument :
MSVOA_L
ClientSampleId :

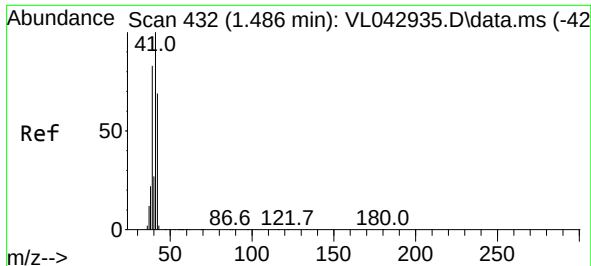
Tgt Ion: 64 Resp: 92
Ion Ratio Lower Upper
64 100
66 72.5 27.9 41.9#



#8
Dichlorotetrafluoroethane
Concen: 0.045 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion: 85 Resp: 775
Ion Ratio Lower Upper
85 100
135 54.7 48.1 72.1





#9

Propene

Concen: 0.062 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

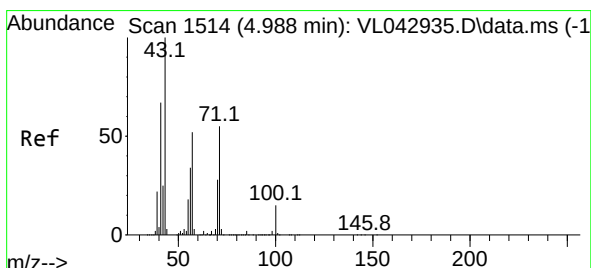
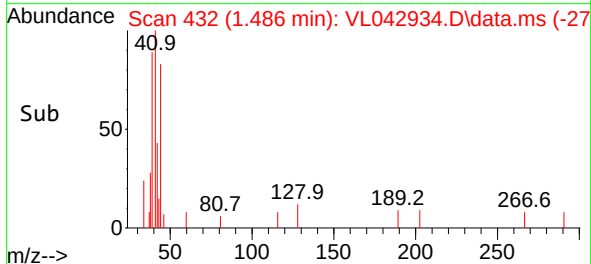
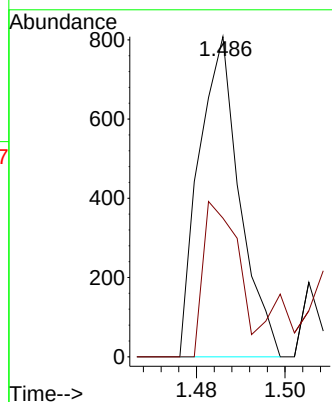
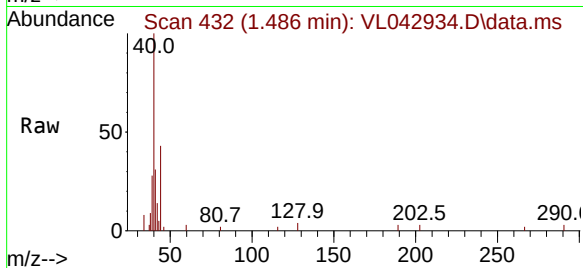
ClientSampleId :

Tgt Ion: 41 Resp: 516

Ion Ratio Lower Upper

41 100

42 69.2 55.0 82.4



#10

Heptane

Concen: 0.003 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. -0.003 min

Lab File: VL042934.D

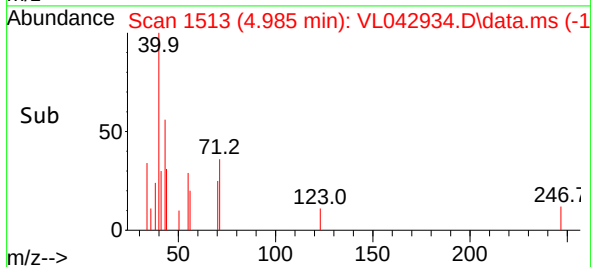
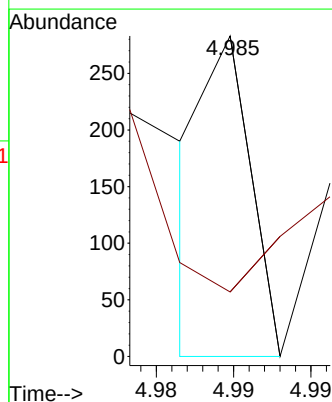
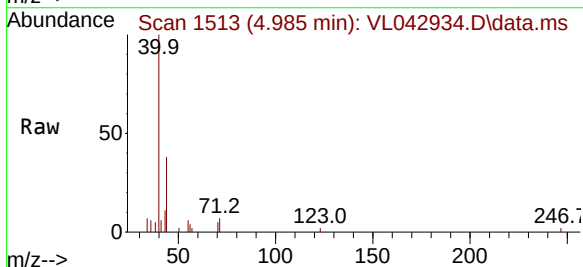
Acq: 17 Sep 2025 13:07

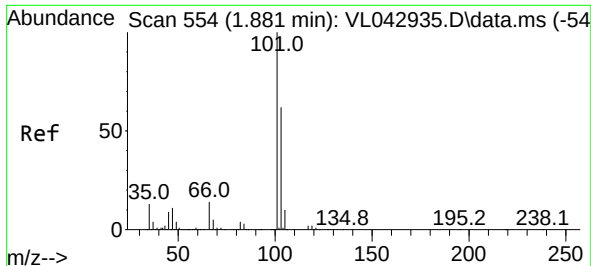
Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

57 0.0 39.8 59.8#

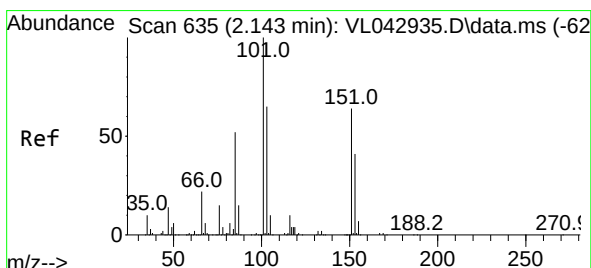
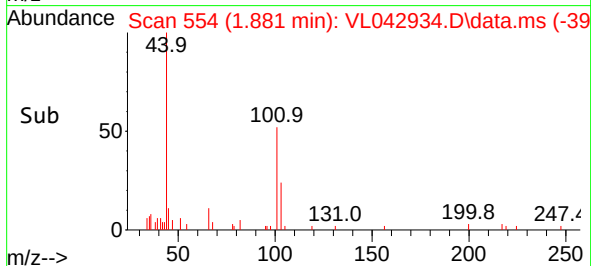
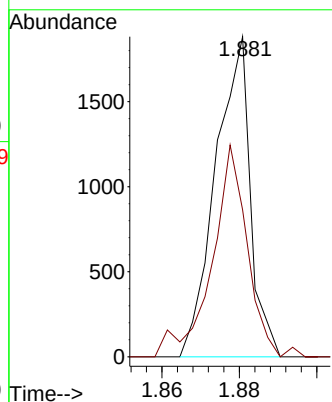
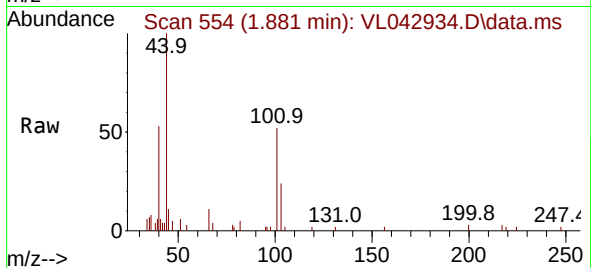




#11
 Trichlorofluoromethane
 Concen: 0.055 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

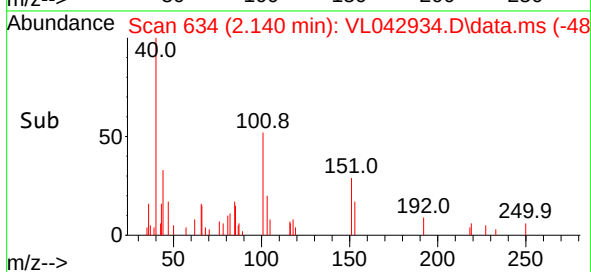
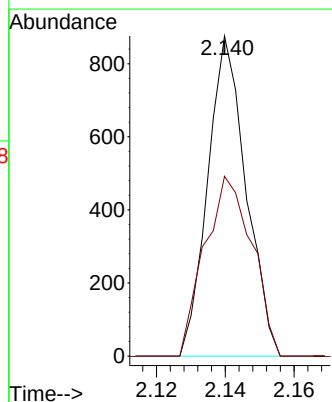
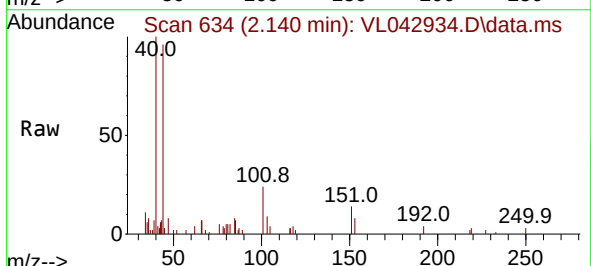
Instrument :
 MSVOA_L
 ClientSampleId :

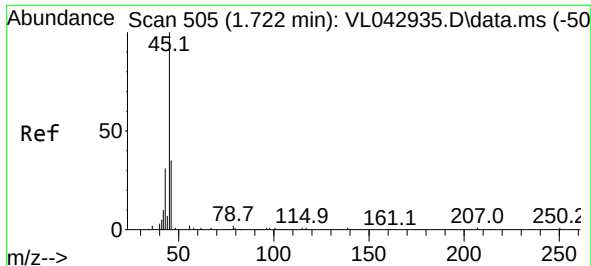
Tgt Ion:101 Resp: 1172
 Ion Ratio Lower Upper
 101 100
 103 45.9 49.6 74.4#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.040 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.003 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

Tgt Ion:101 Resp: 676
 Ion Ratio Lower Upper
 101 100
 151 69.5 51.9 77.9

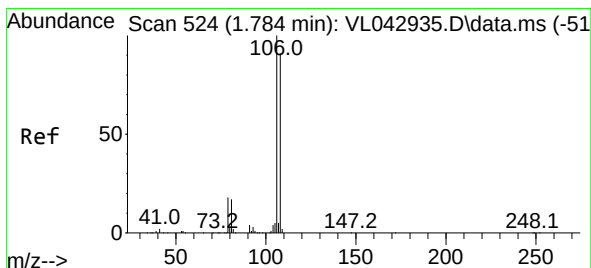
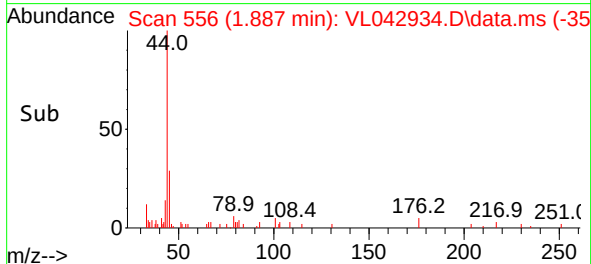
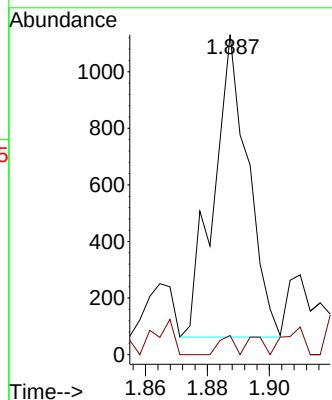
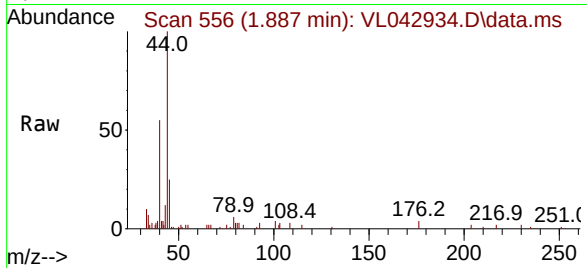




#13
 Ethanol
 Concen: 0.972 ppbv
 RT: 1.887 min Scan# 51
 Delta R.T. 0.165 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

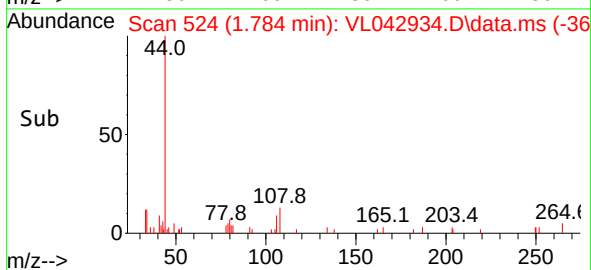
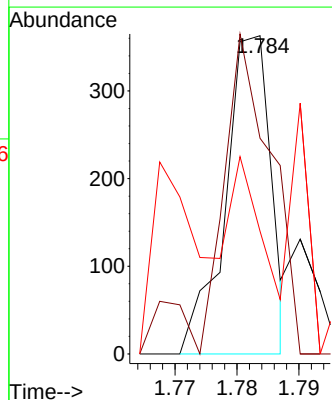
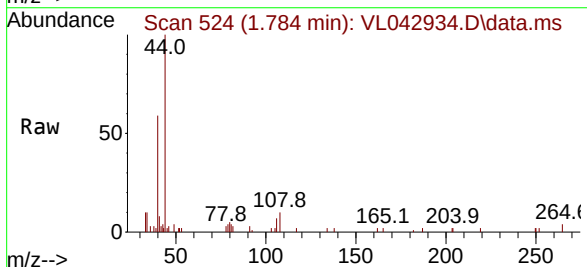
Instrument :
 MSVOA_L
 ClientSampleId :

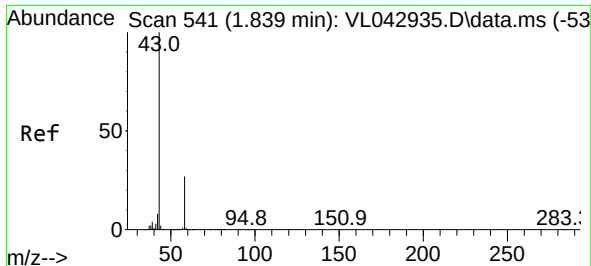
Tgt Ion: 45 Resp: 827
 Ion Ratio Lower Upper
 45 100
 46 0.0 16.5 66.1#



#14
 Bromoethene
 Concen: 0.031 ppbv
 RT: 1.784 min Scan# 524
 Delta R.T. 0.000 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

Tgt Ion: 108 Resp: 188
 Ion Ratio Lower Upper
 108 100
 106 113.3 86.0 129.0
 79 161.7 17.2 25.8#

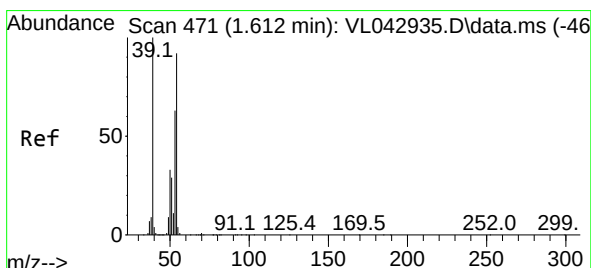
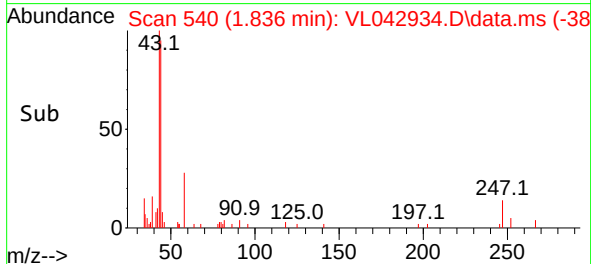
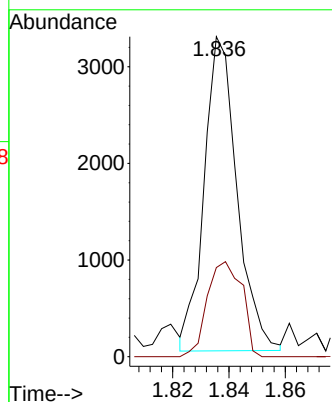
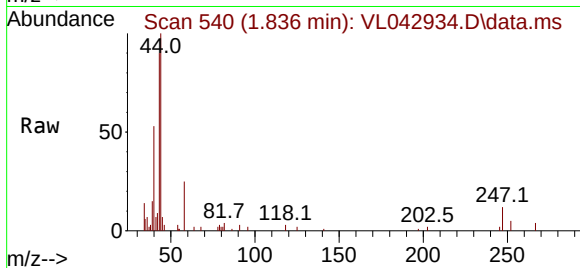




#15
Acetone
Concen: 0.141 ppbv
RT: 1.836 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

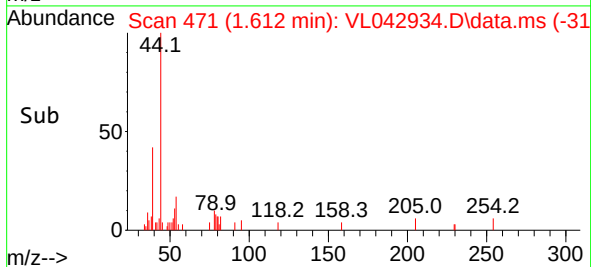
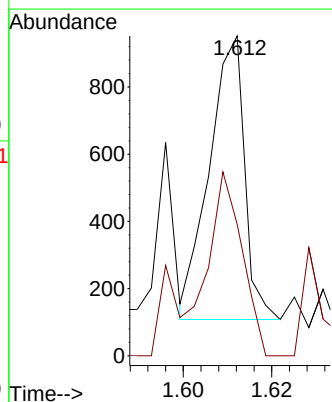
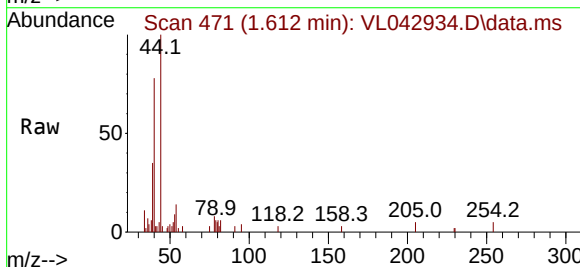
Instrument :
MSVOA_L
ClientSampleId :

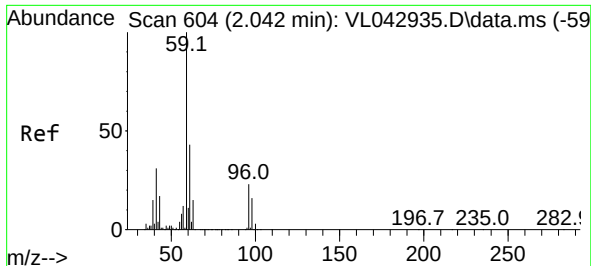
Tgt Ion: 43 Resp: 2632
Ion Ratio Lower Upper
43 100
58 32.0 22.2 33.2



#16
1,3-Butadiene
Concen: 0.060 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion: 39 Resp: 467
Ion Ratio Lower Upper
39 100
54 113.1 62.2 93.4#





#17

tert-Butyl alcohol

Concen: 0.048 ppbv

RT: 2.043 min Scan# 604

Delta R.T. 0.000 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

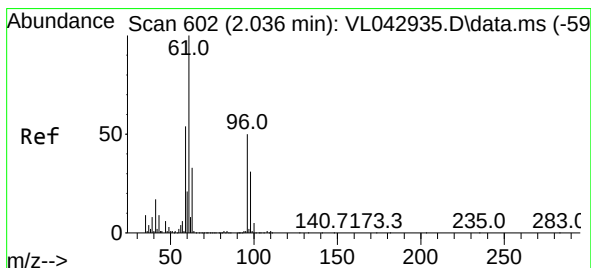
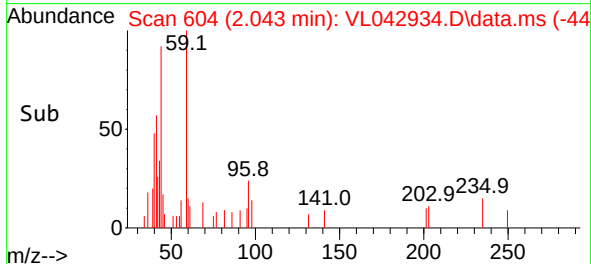
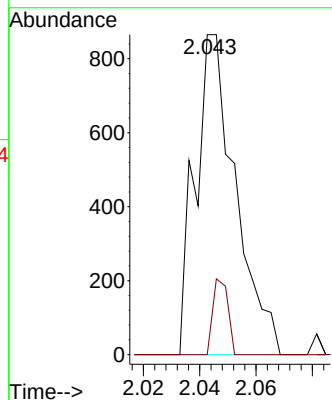
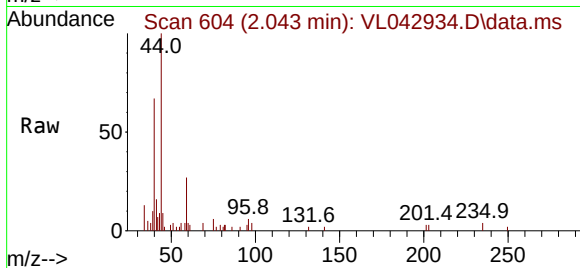
ClientSampleId :

Tgt Ion: 59 Resp: 859

Ion Ratio Lower Upper

59 100

57 8.8 9.0 13.6#



#18

1,1-Dichloroethene

Concen: 0.059 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

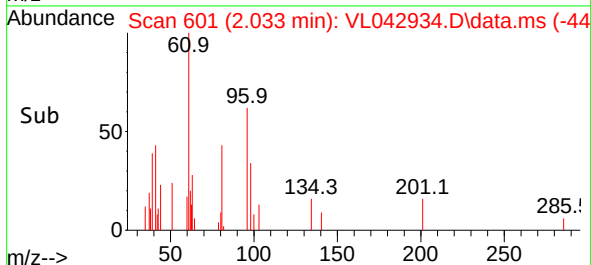
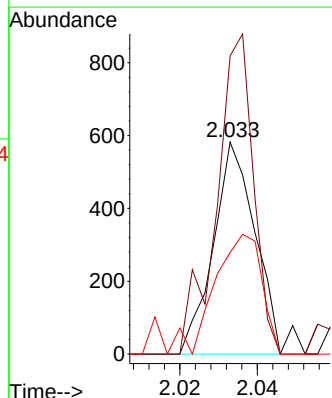
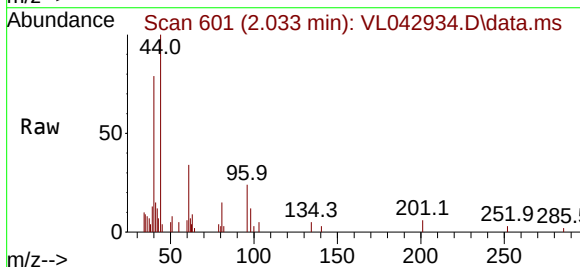
Tgt Ion: 96 Resp: 434

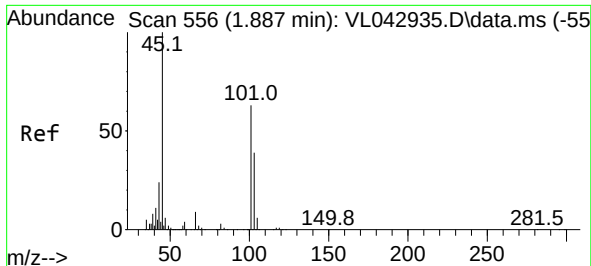
Ion Ratio Lower Upper

96 100

61 140.7 161.1 241.7#

98 47.9 50.7 76.1#

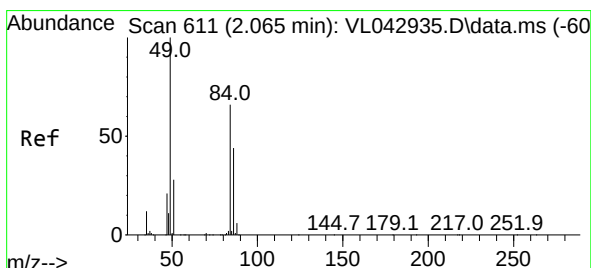
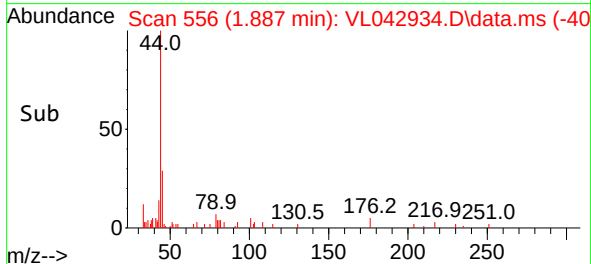
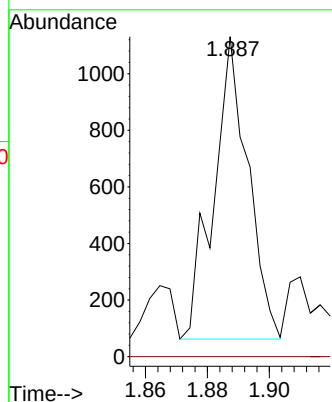
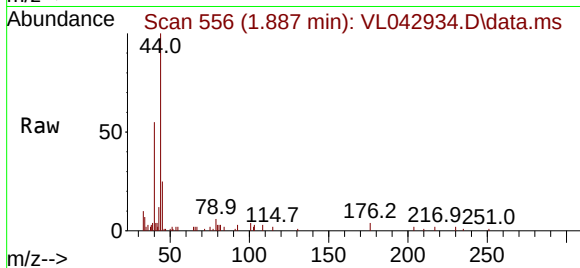




#19
Isopropyl Alcohol
Concen: 0.083 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

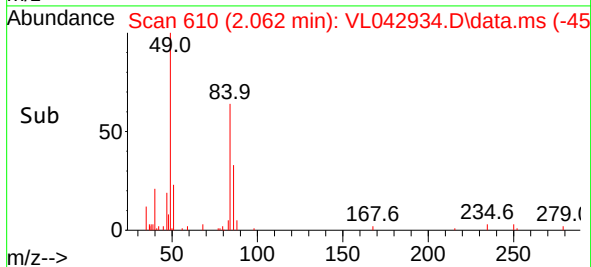
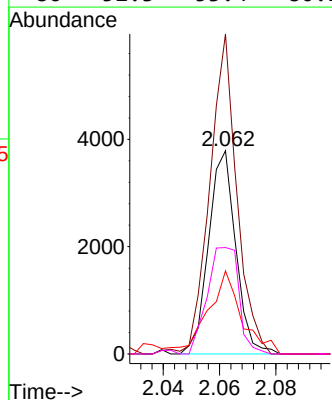
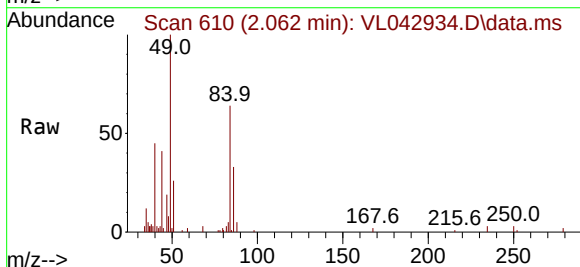
Instrument :
MSVOA_L
ClientSampleId :

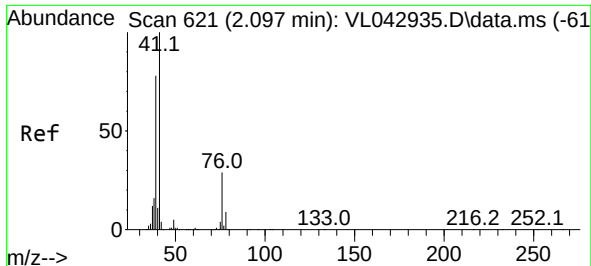
Tgt Ion: 45 Resp: 827
Ion Ratio Lower Upper
45 100
58 101.8 2.0 3.0#



#20
Methylene Chloride
Concen: 0.313 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

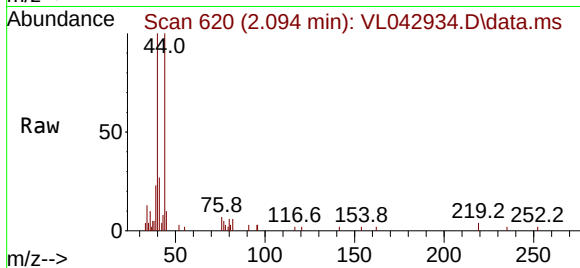
Tgt Ion: 84 Resp: 2545
Ion Ratio Lower Upper
84 100
49 157.5 121.8 182.6
51 40.9 35.6 53.4
86 52.3 53.4 80.2#



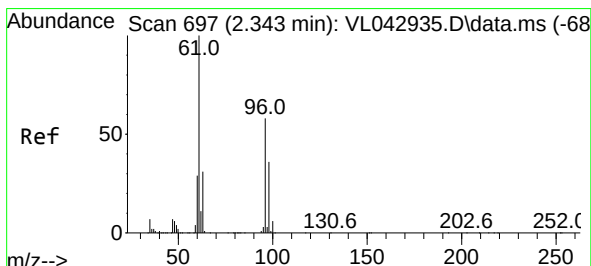
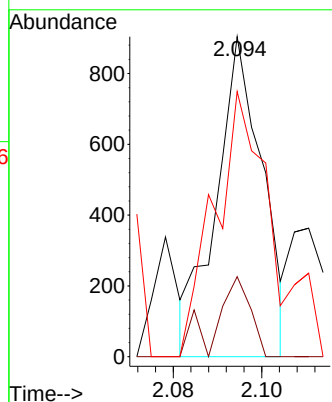
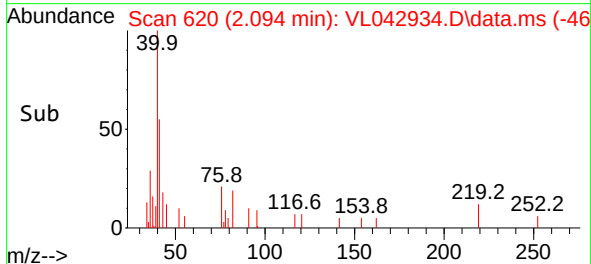


#21
 Allyl Chloride
 Concen: 0.052 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

Instrument :
 MSVOA_L
 ClientSampleId :

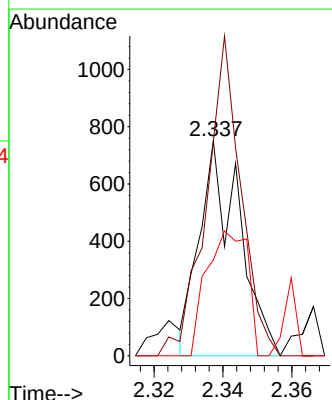
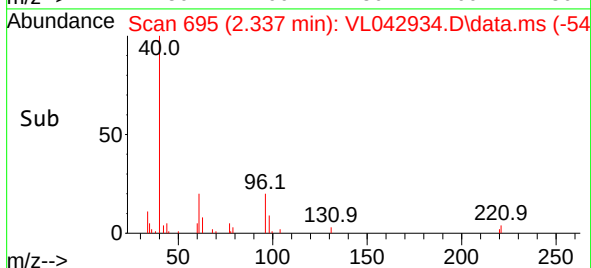
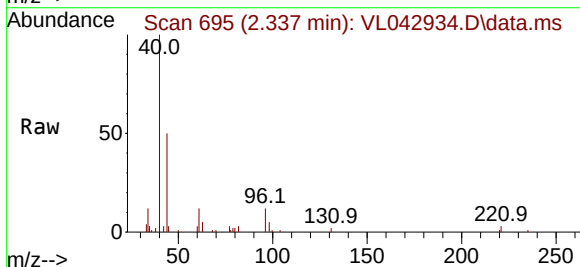


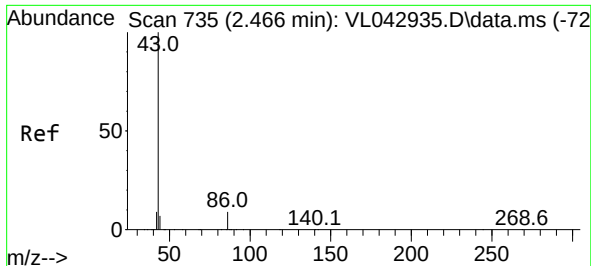
Tgt Ion: 41 Resp: 653
 Ion Ratio Lower Upper
 41 100
 76 18.8 23.8 35.6#
 39 110.7 63.2 94.8#



#22
 trans-1,2-Dichloroethene
 Concen: 0.072 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

Tgt Ion: 96 Resp: 602
 Ion Ratio Lower Upper
 96 100
 61 99.5 139.0 208.6#
 98 44.5 49.4 74.2#

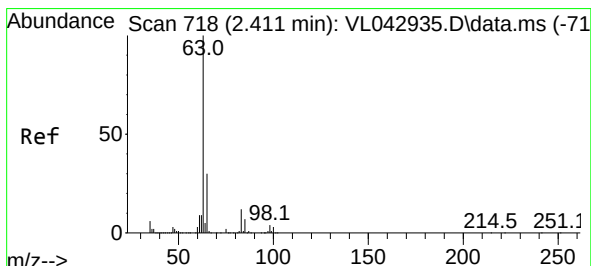
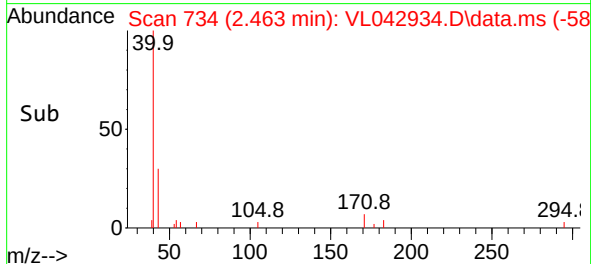
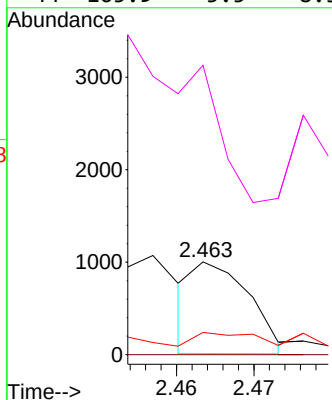
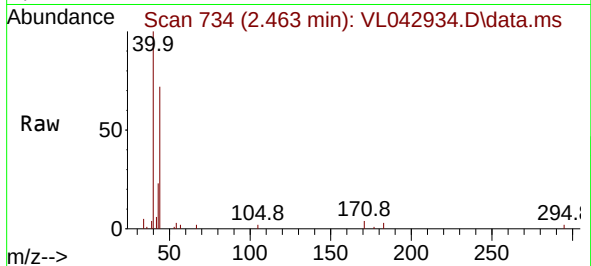




#23
 Vinyl Acetate
 Concen: 0.023 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

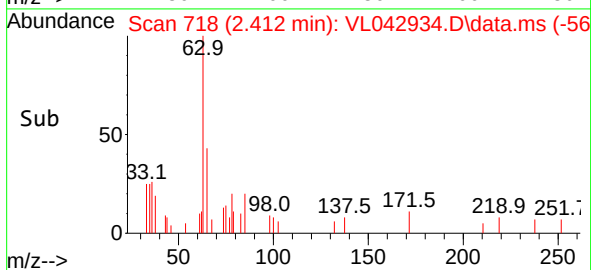
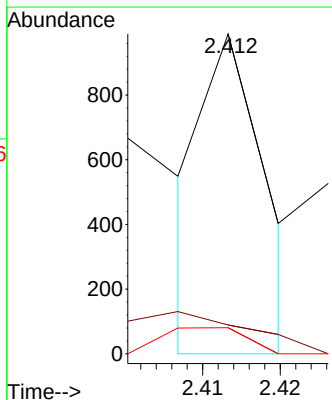
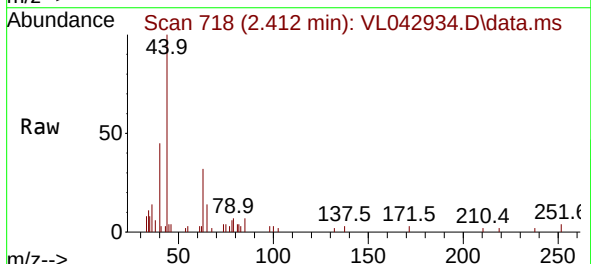
Instrument :
 MSVOA_L
 ClientSampleId :

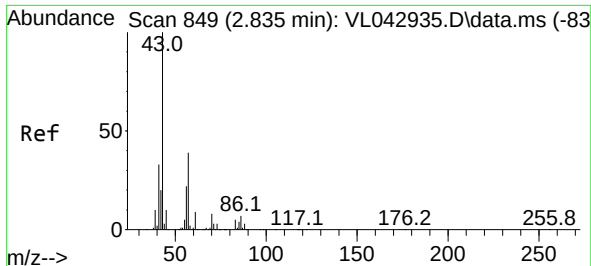
Tgt Ion: 43	Resp: 503
Ion Ratio	Lower Upper
43 100	
86 0.0	6.4 9.6#
42 17.1	7.5 11.3#
44 165.9	5.5 8.3#



#24
 1,1-Dichloroethane
 Concen: 0.016 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

Tgt Ion: 63	Resp: 270
Ion Ratio	Lower Upper
63 100	
98 4.9	2.2 6.6
100 13.8	1.7 5.1#



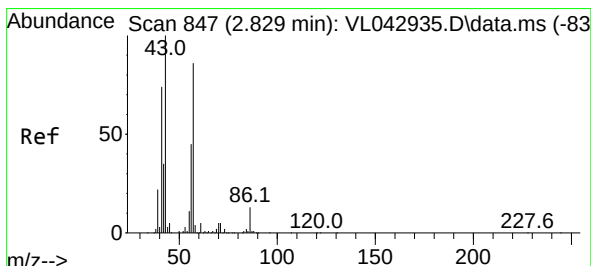
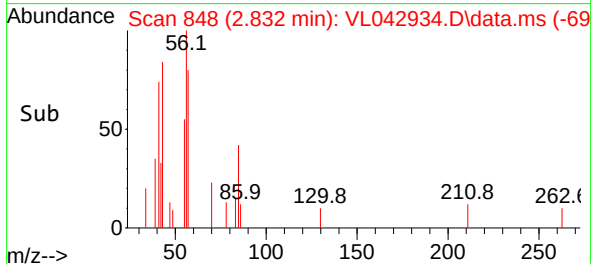
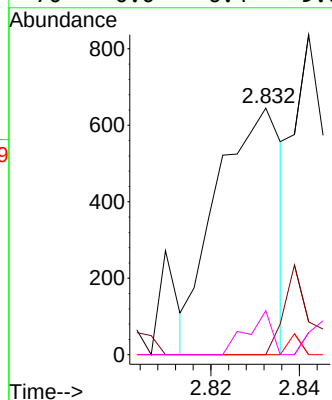
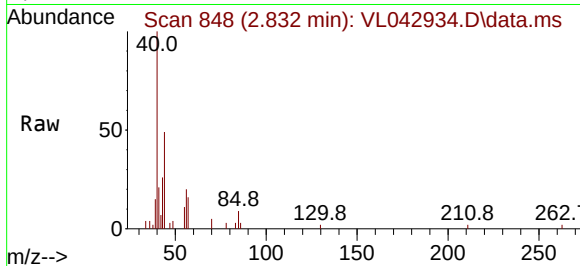


#25
Ethyl Acetate
Concen: 0.016 ppbv
RT: 2.832 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 653

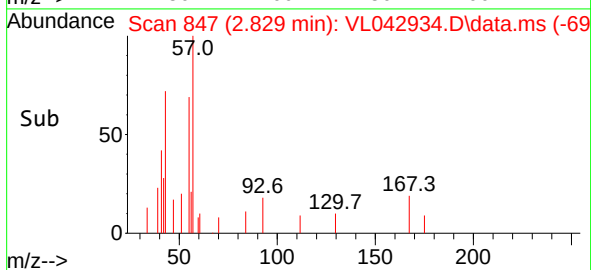
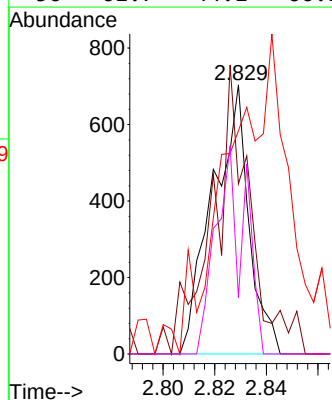
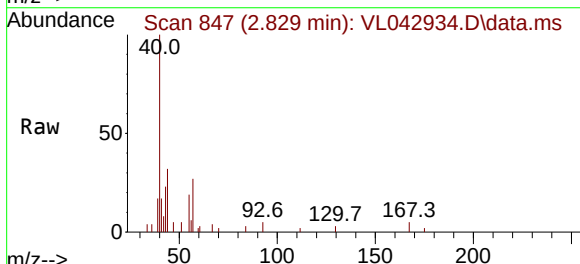
Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.8	11.8#
61	0.0	7.2	10.8#
70	0.0	6.4	9.6#

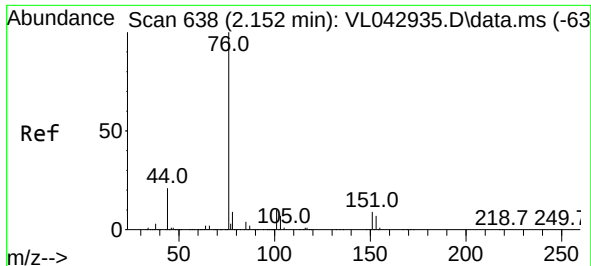


#26
Hexane
Concen: 0.040 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion: 57 Resp: 690

Ion	Ratio	Lower	Upper
57	100		
41	112.2	71.3	106.9#
43	214.1	183.9	275.9
56	61.7	44.1	66.1





#27

Carbon Disulfide

Concen: 0.041 ppbv

RT: 2.149 min Scan# 61

Delta R.T. -0.003 min

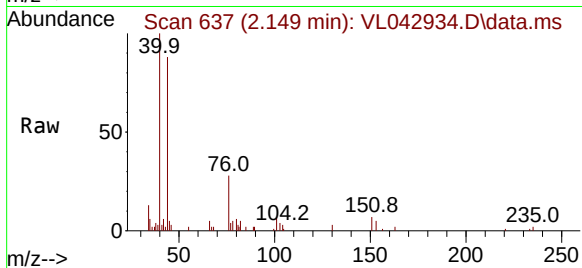
Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :



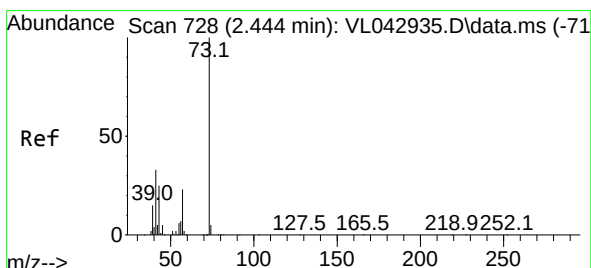
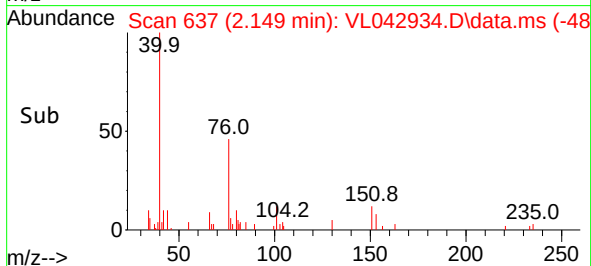
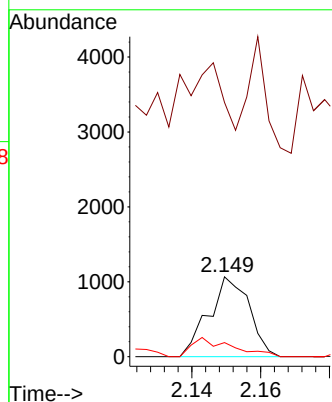
Tgt Ion: 76 Resp: 871

Ion Ratio Lower Upper

76 100

44 457.3 15.4 23.0#

78 29.3 9.1 13.7#



#28

Methyl tert-Butyl Ether

Concen: 0.045 ppbv

RT: 2.444 min Scan# 728

Delta R.T. 0.000 min

Lab File: VL042934.D

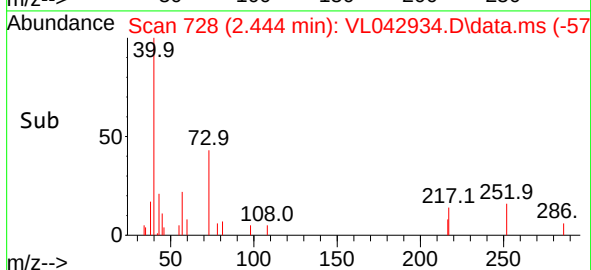
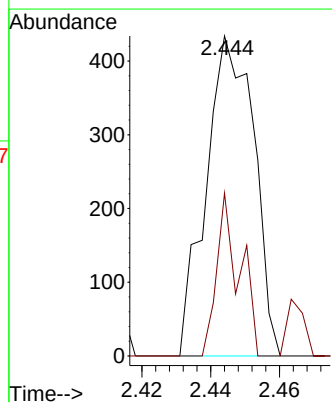
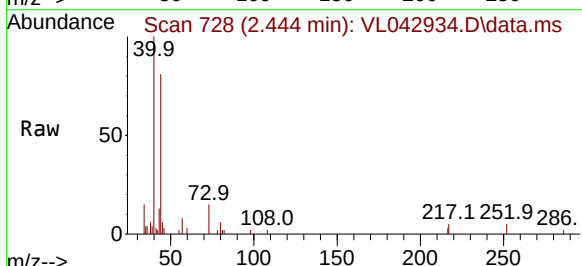
Acq: 17 Sep 2025 13:07

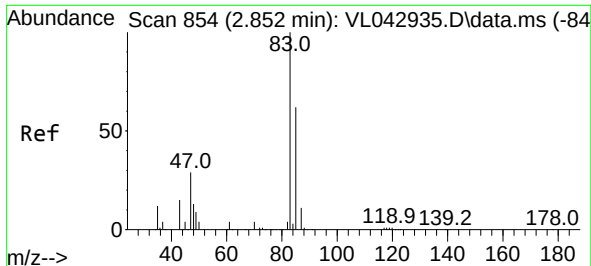
Tgt Ion: 73 Resp: 419

Ion Ratio Lower Upper

73 100

57 30.8 18.6 28.0#





#29

Chloroform

Concen: 0.017 ppbv

RT: 2.852 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

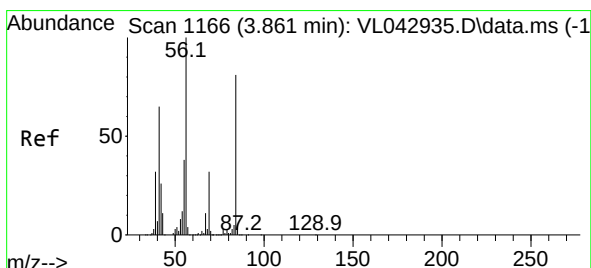
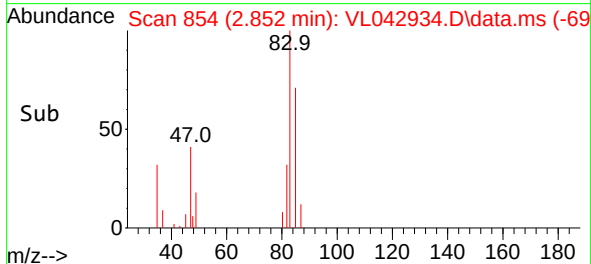
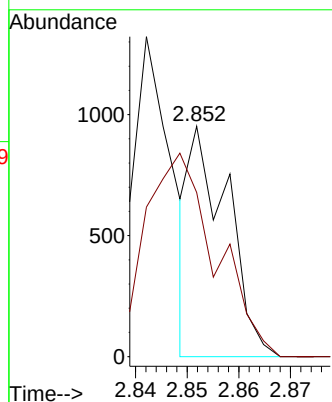
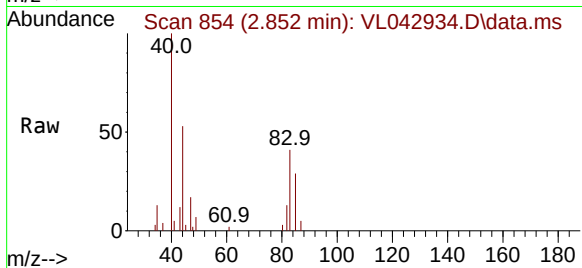
ClientSampleId :

Tgt Ion: 83 Resp: 485

Ion Ratio Lower Upper

83 100

85 71.2 49.7 74.5



#30

Cyclohexane

Concen: 0.026 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

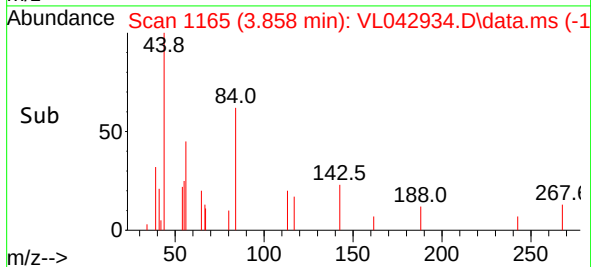
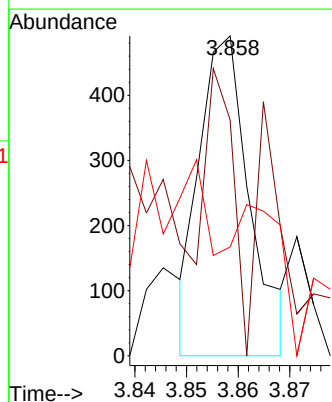
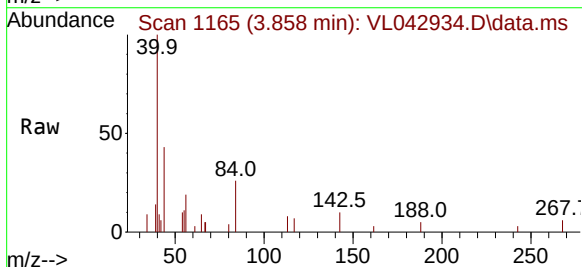
Tgt Ion: 84 Resp: 330

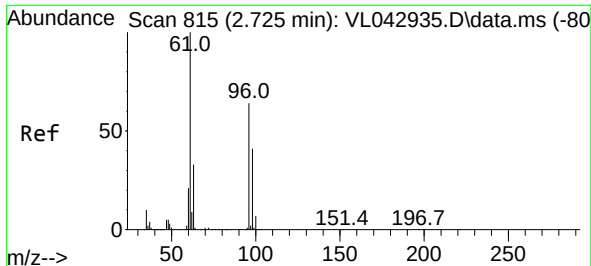
Ion Ratio Lower Upper

84 100

56 164.5 100.6 150.8#

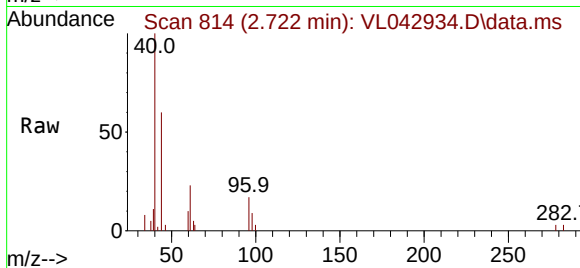
41 139.1 65.4 98.0#



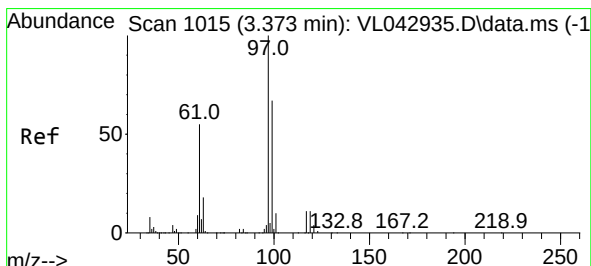
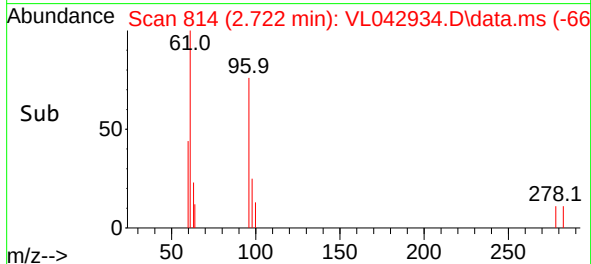
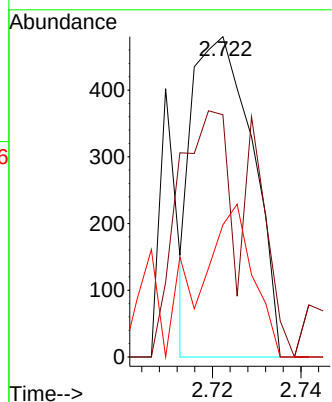


#31
 cis-1,2-Dichloroethene
 Concen: 0.027 ppbv
 RT: 2.722 min Scan# 815
 Delta R.T. -0.003 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

Instrument :
 MSVOA_L
 ClientSampleId :

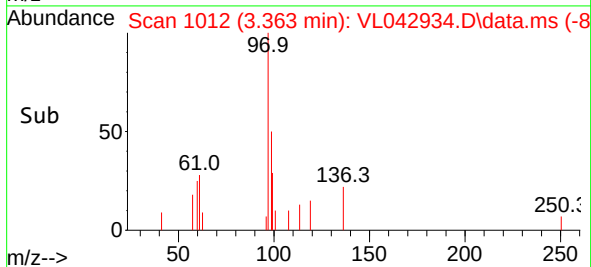
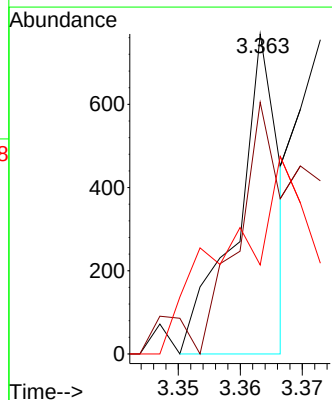
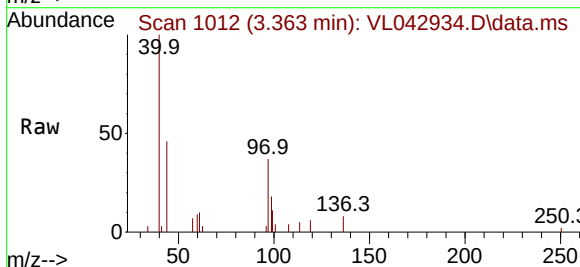


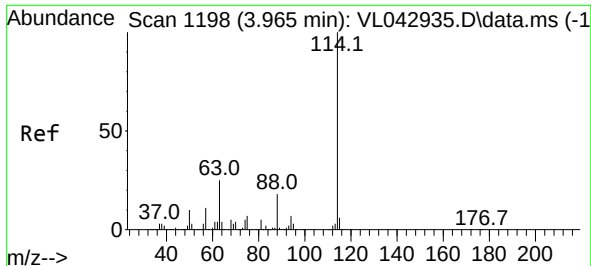
Tgt Ion: 61 Resp: 451
 Ion Ratio Lower Upper
 61 100
 96 64.4 51.4 77.2
 98 41.3 32.8 49.2



#32
 1,1,1-Trichloroethane
 Concen: 0.014 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.010 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

Tgt Ion: 97 Resp: 365
 Ion Ratio Lower Upper
 97 100
 99 168.2 51.0 76.4#
 61 131.2 43.2 64.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.006 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

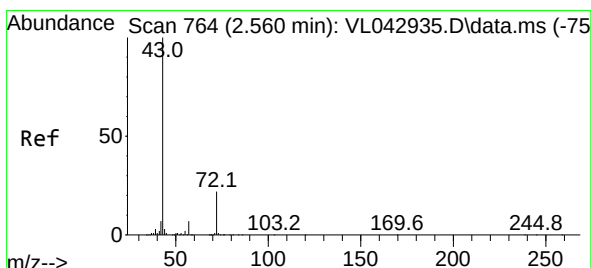
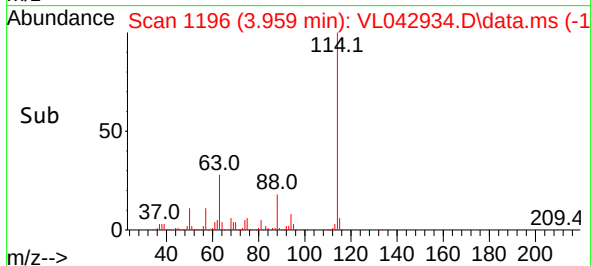
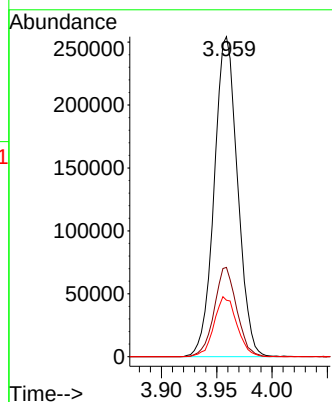
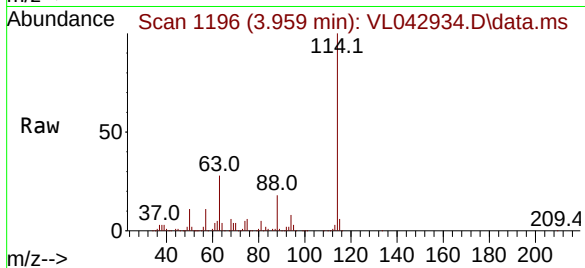
Tgt Ion:114 Resp: 373216

Ion Ratio Lower Upper

114 100

63 26.9 21.1 31.7

88 18.3 14.6 22.0



#34

2-Butanone

Concen: 0.038 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.007 min

Lab File: VL042934.D

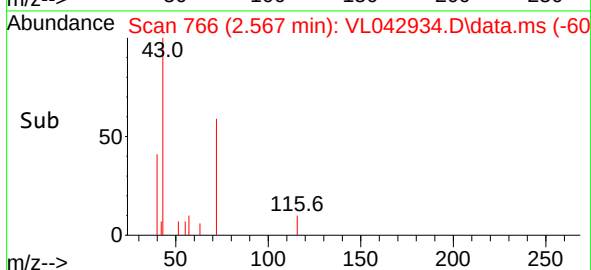
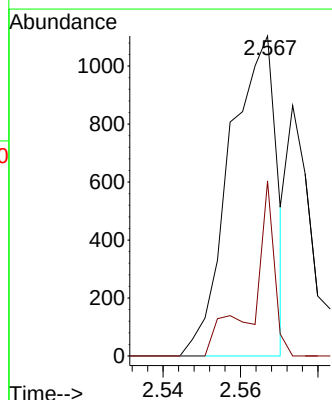
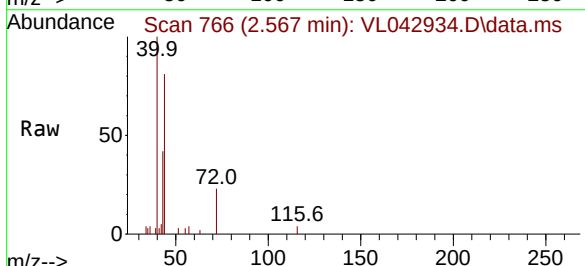
Acq: 17 Sep 2025 13:07

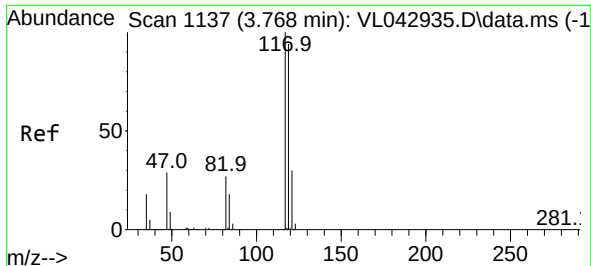
Tgt Ion: 43 Resp: 930

Ion Ratio Lower Upper

43 100

72 24.5 17.2 25.8

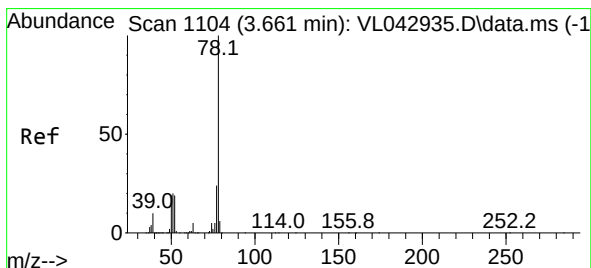
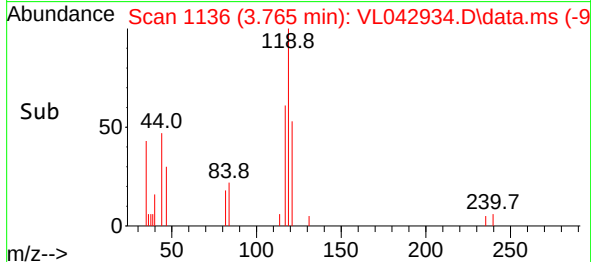
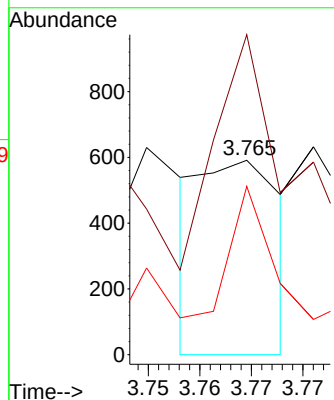
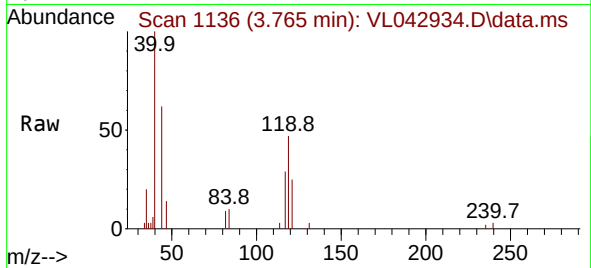




#35
Carbon Tetrachloride
Concen: 0.012 ppbv
RT: 3.765 min Scan# 1136
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

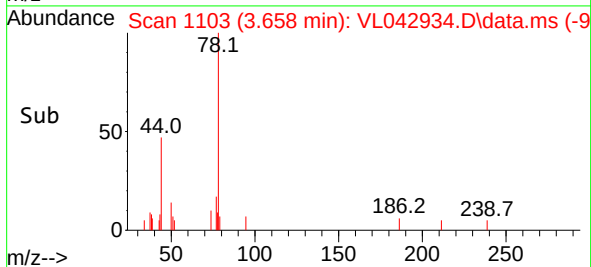
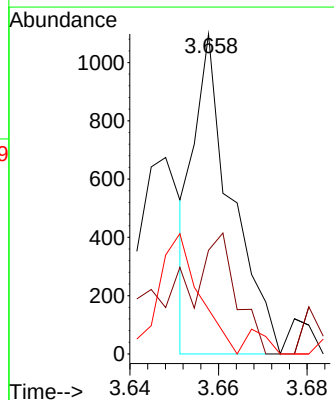
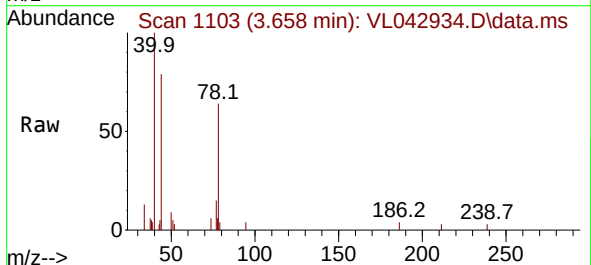
Instrument :
MSVOA_L
ClientSampleId :

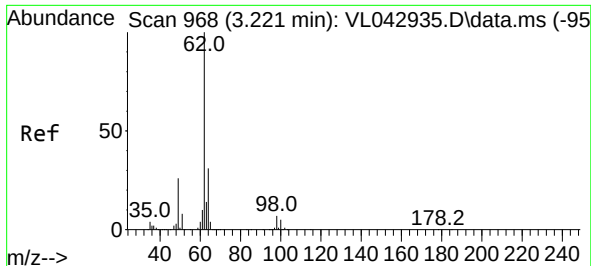
Tgt Ion:117 Resp: 317
Ion Ratio Lower Upper
117 100
119 688.5 74.9 112.3#
121 384.6 24.0 36.0#



#36
Benzene
Concen: 0.020 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion: 78 Resp: 648
Ion Ratio Lower Upper
78 100
77 32.4 19.2 28.8#
50 13.9 14.8 22.2#

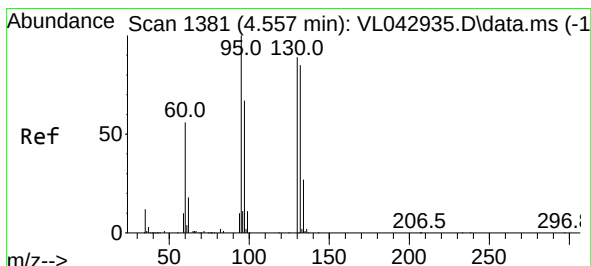
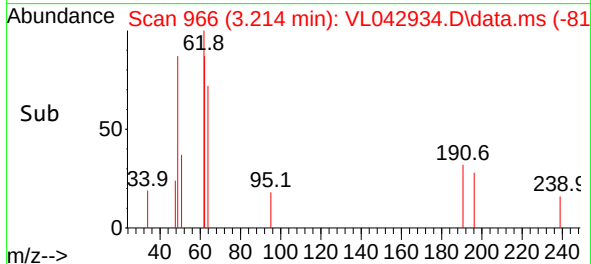
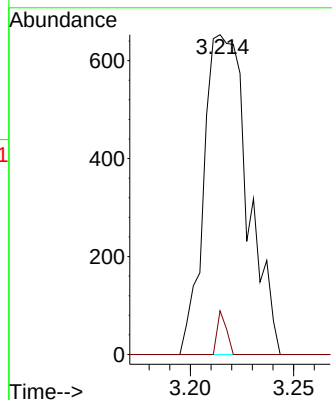
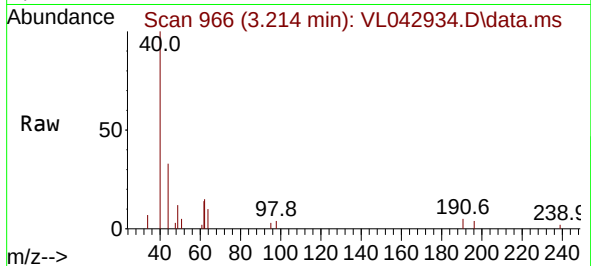




#37
1,2-Dichloroethane
Concen: 0.049 ppbv
RT: 3.214 min Scan# 966
Delta R.T. -0.006 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

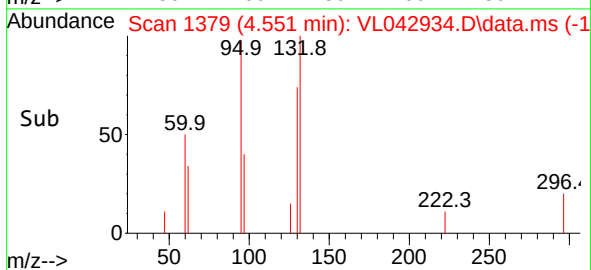
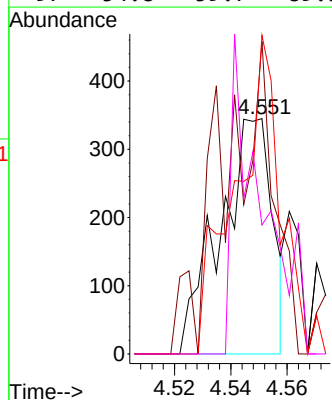
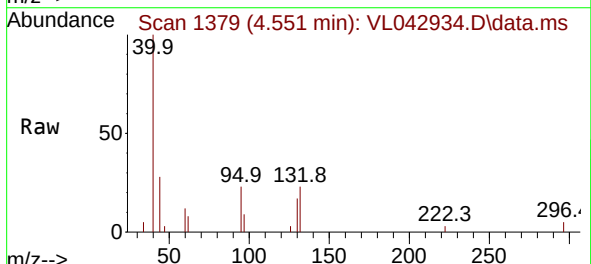
Instrument :
MSVOA_L
ClientSampleId :

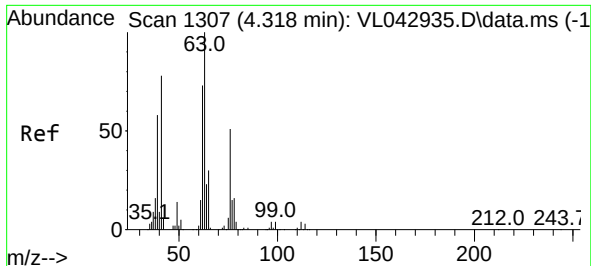
Tgt Ion: 62 Resp: 962
Ion Ratio Lower Upper
62 100
98 0.0 5.5 8.3#



#38
Trichloroethene
Concen: 0.030 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. -0.006 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion:130 Resp: 446
Ion Ratio Lower Upper
130 100
95 100.0 89.8 134.6
132 135.4 76.3 114.5#
97 54.8 59.7 89.5#





#39

1,2-Dichloropropane

Concen: 7.639 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.359 min

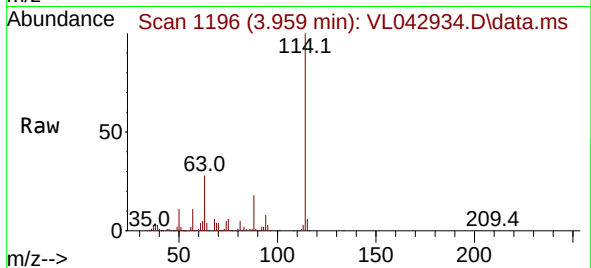
Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :



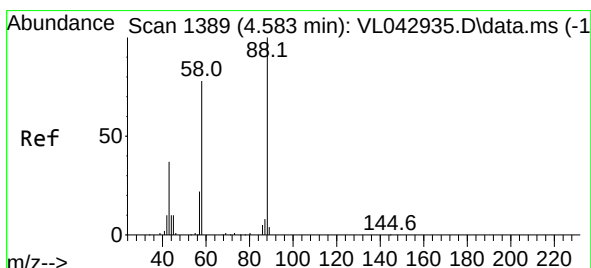
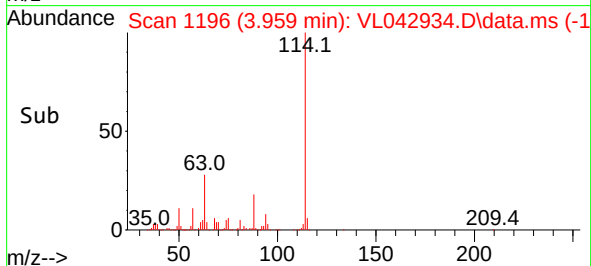
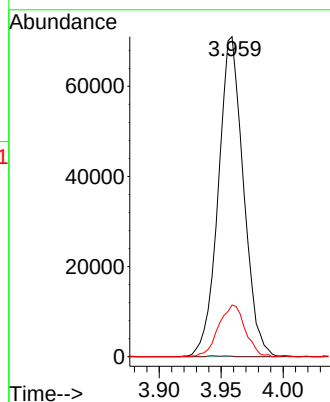
Tgt Ion: 63 Resp: 100476

Ion Ratio Lower Upper

63 100

41 0.4 62.7 94.1#

62 16.1 58.4 87.6#



#40

1,4-Dioxane

Concen: 0.021 ppbv

RT: 4.625 min Scan# 1402

Delta R.T. 0.042 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Tgt Ion: 88 Resp: 99

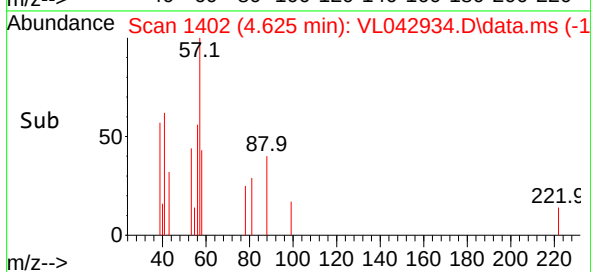
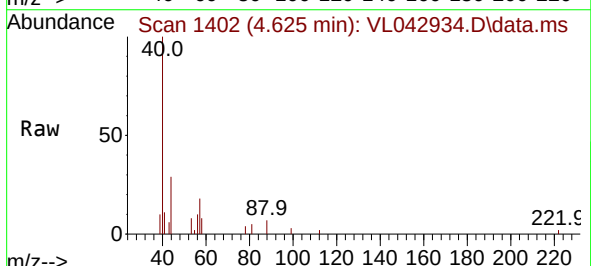
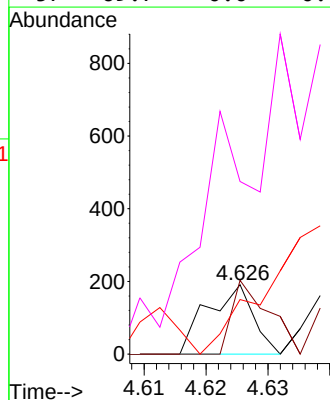
Ion Ratio Lower Upper

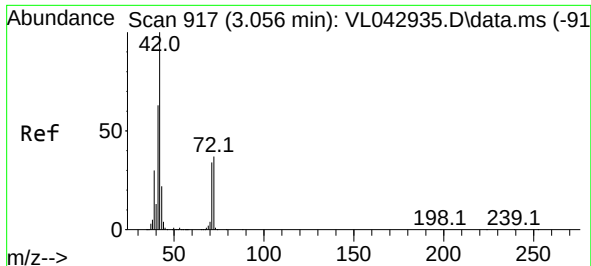
88 100

58 149.5 61.5 92.3#

43 0.0 28.3 42.5#

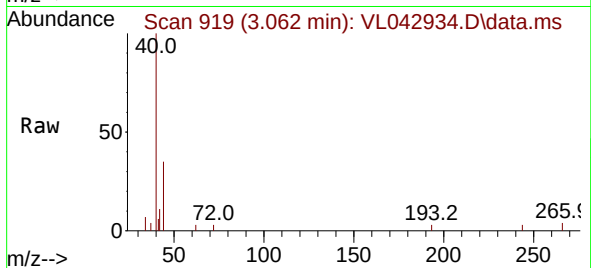
57 69.7 0.0 0.0#



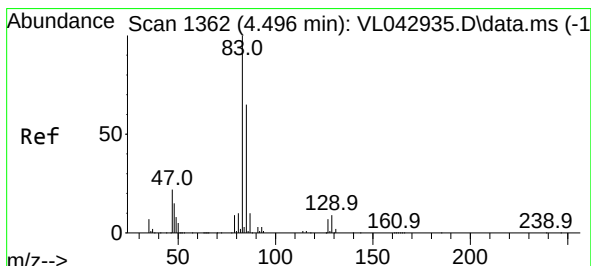
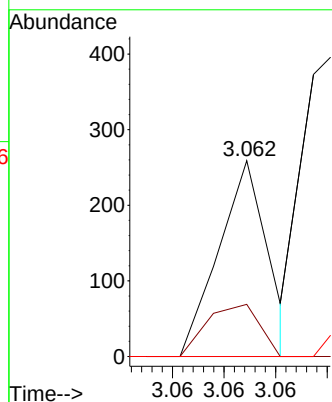
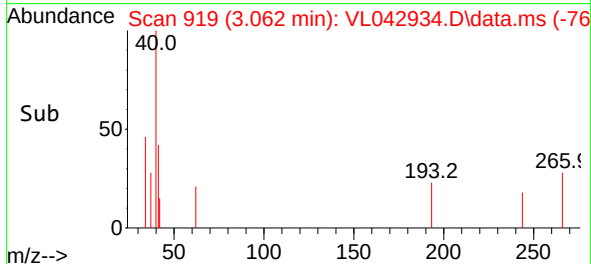


#41
Tetrahydrofuran
Concen: 0.007 ppbv
RT: 3.062 min Scan# 917
Delta R.T. 0.007 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

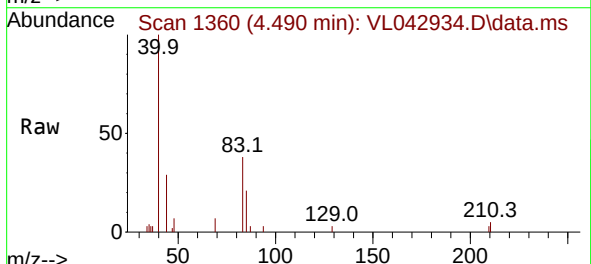
Instrument :
MSVOA_L
ClientSampleId :



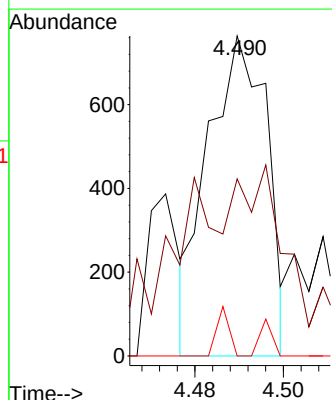
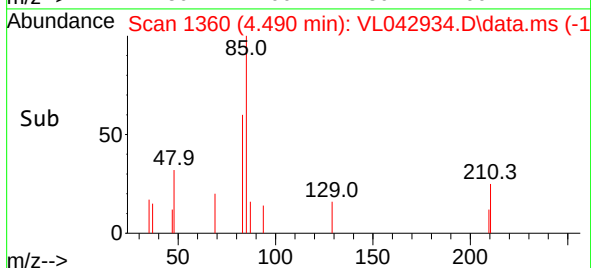
Tgt Ion: 42 Resp: 87
Ion Ratio Lower Upper
42 100
72 0.0 30.4 45.6#
71 0.0 28.3 42.5#

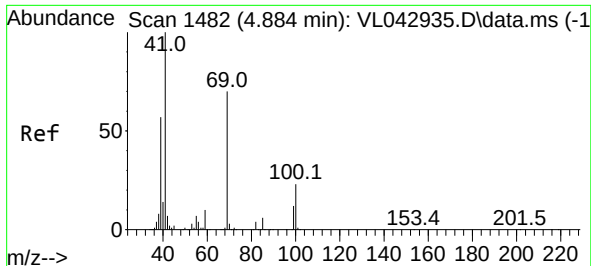


#42
Bromodichloromethane
Concen: 0.025 ppbv
RT: 4.490 min Scan# 1360
Delta R.T. -0.006 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07



Tgt Ion: 83 Resp: 709
Ion Ratio Lower Upper
83 100
85 34.4 52.1 78.1#
127 0.0 6.0 9.0#





#43

Methyl Methacrylate

Concen: 0.007 ppbv

RT: 4.881 min Scan# 1481

Delta R.T. -0.003 min

Lab File: VL042934.D

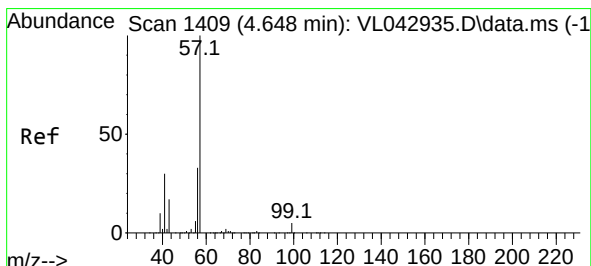
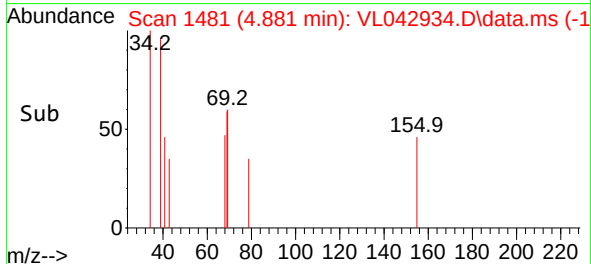
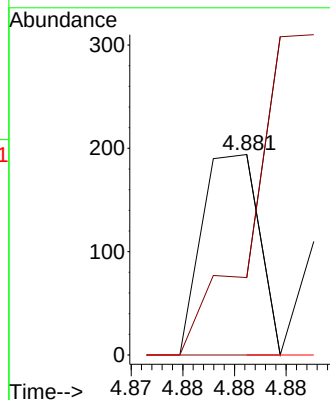
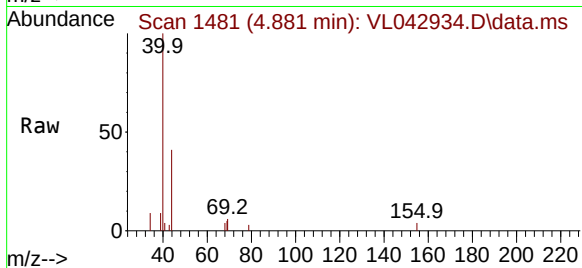
Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 69	Resp: 74
Ion Ratio	Lower Upper
69	100
41	0.0 118.6 178.0#
100	0.0 26.2 39.4#



#44

2,2,4-Trimethylpentane

Concen: 0.006 ppbv

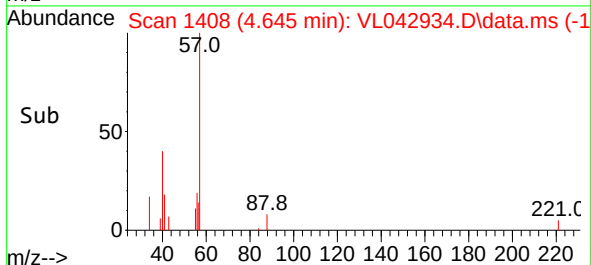
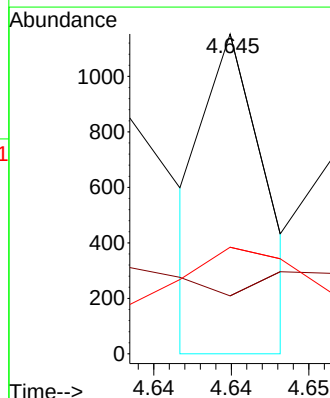
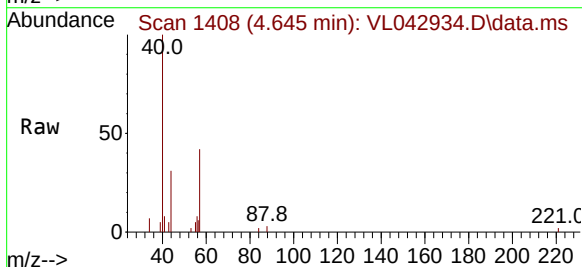
RT: 4.645 min Scan# 1408

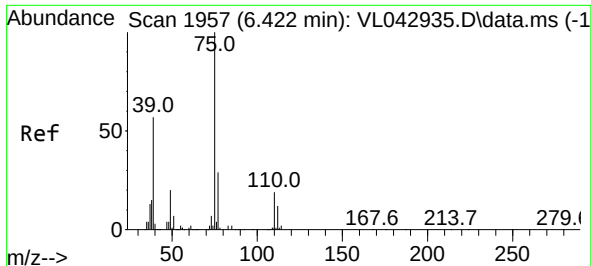
Delta R.T. -0.003 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Tgt Ion: 57	Resp: 307
Ion Ratio	Lower Upper
57	100
41	0.0 25.8 38.6#
56	173.9 26.2 39.4#





#45

t-1,3-Dichloropropene

Concen: 0.008 ppbv

RT: 6.409 min Scan# 1953

Delta R.T. -0.013 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

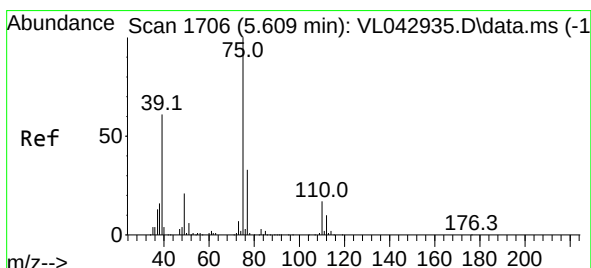
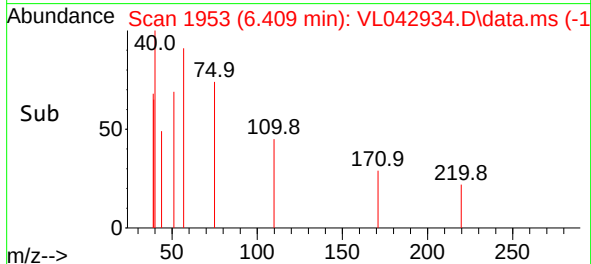
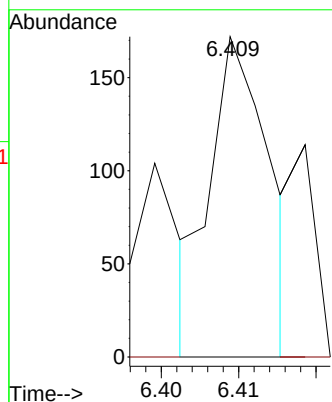
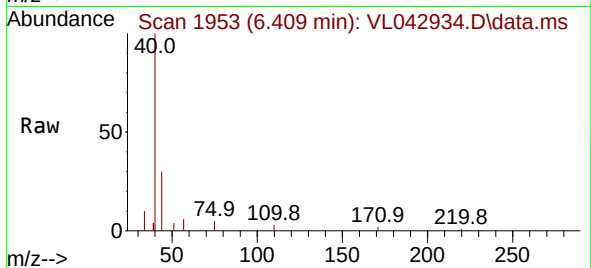
ClientSampleId :

Tgt Ion: 75 Resp: 90

Ion Ratio Lower Upper

75 100

77 0.0 23.5 35.3#



#46

cis-1,3-Dichloropropene

Concen: 0.010 ppbv

RT: 5.603 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

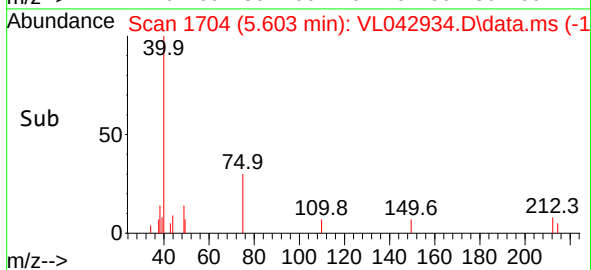
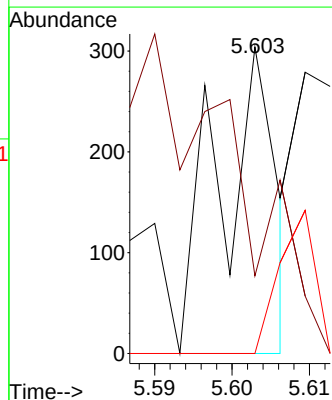
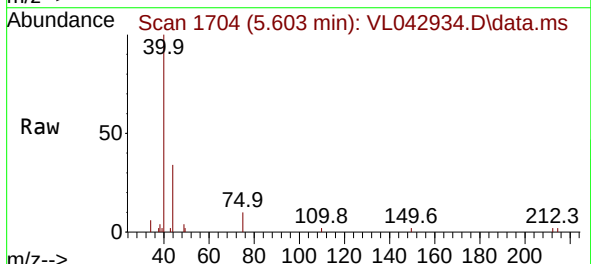
Tgt Ion: 75 Resp: 156

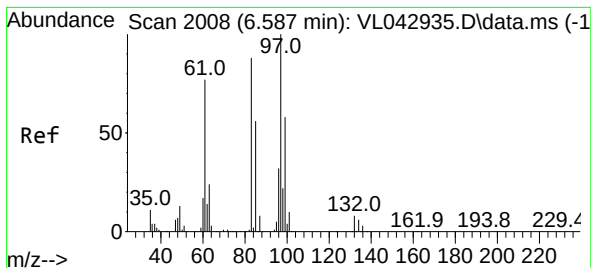
Ion Ratio Lower Upper

75 100

39 0.0 49.0 73.4#

77 0.0 26.2 39.2#





#47

1,1,2-Trichloroethane

Concen: 0.007 ppbv

RT: 6.577 min Scan# 20

Delta R.T. -0.010 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 94

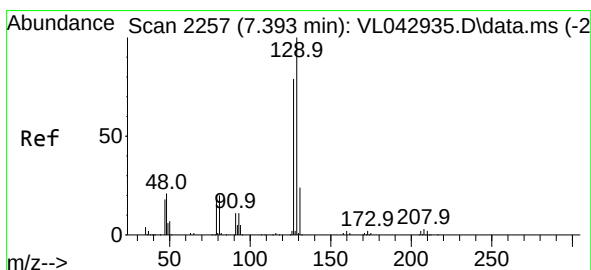
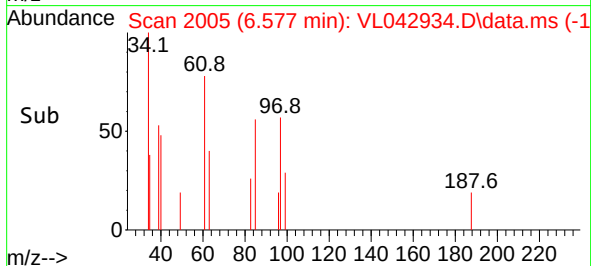
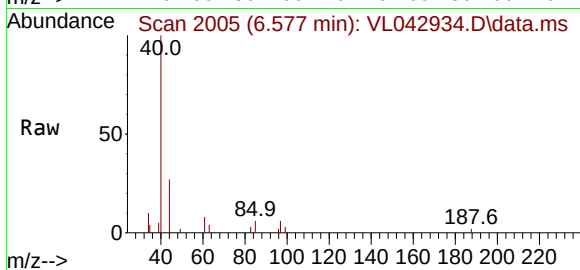
Ion Ratio Lower Upper

97 100

83 8.3 70.6 106.0#

85 72.7 44.9 67.3#

99 0.0 46.2 69.2#



#48

Dibromochloromethane

Concen: 0.002 ppbv

RT: 7.655 min Scan# 2338

Delta R.T. 0.262 min

Lab File: VL042934.D

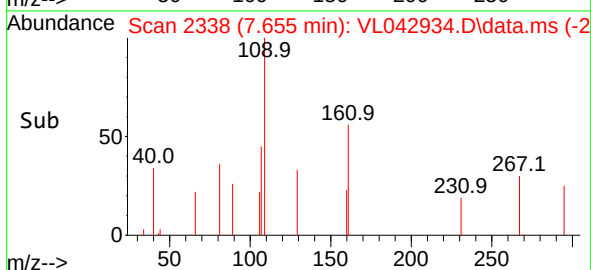
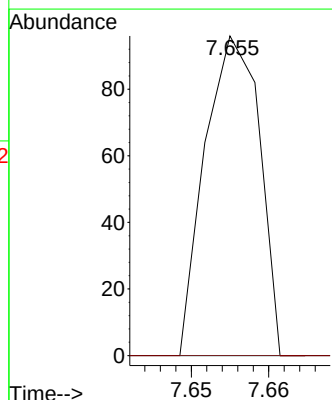
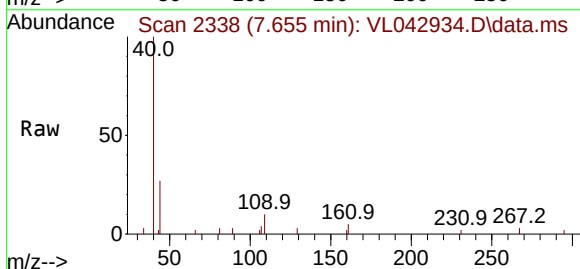
Acq: 17 Sep 2025 13:07

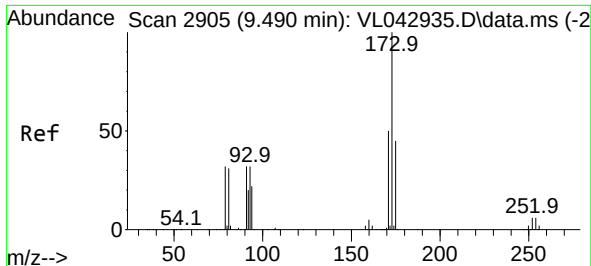
Tgt Ion: 129 Resp: 47

Ion Ratio Lower Upper

129 100

127 57.4 38.8 116.3





#49

Bromoform

Concen: 0.027 ppbv

RT: 9.484 min Scan# 2905

Delta R.T. -0.006 min

Lab File: VL042934.D

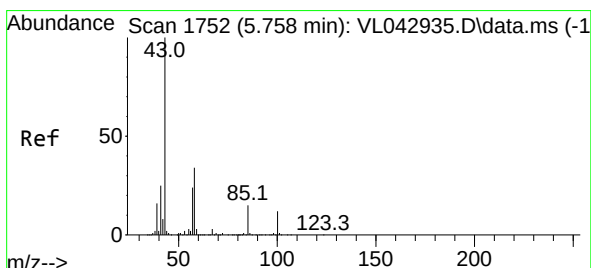
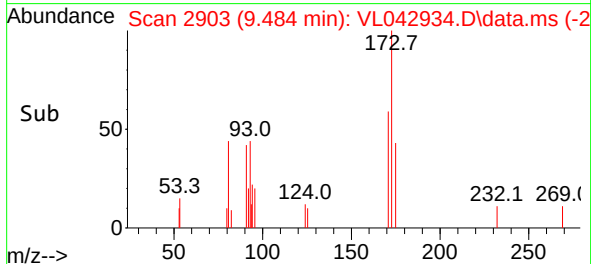
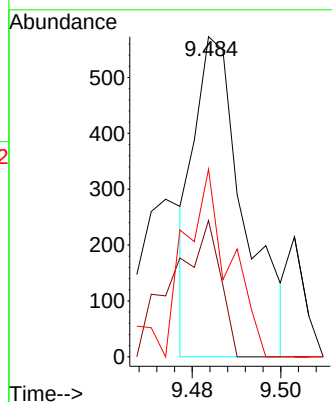
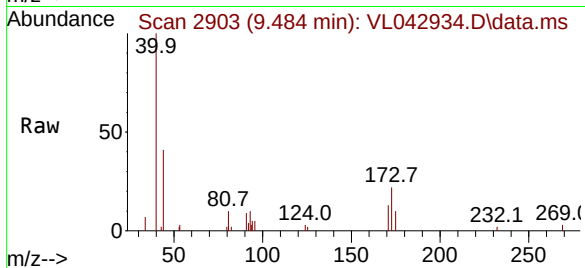
Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:173	Resp:	447
Ion	Ratio	Lower Upper
173	100	
175	40.5	38.6 58.0
171	56.2	41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 0.001 ppbv

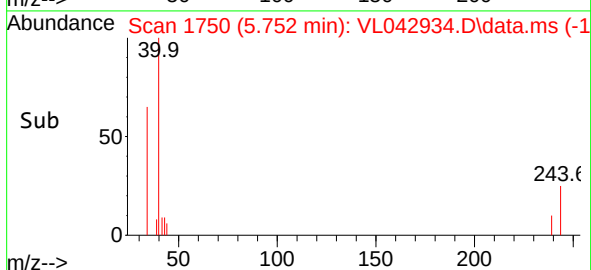
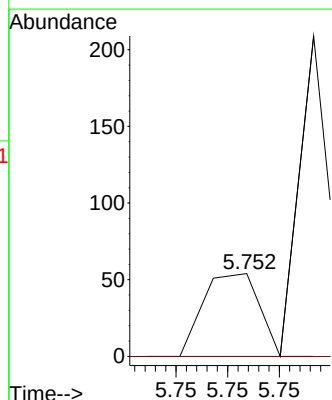
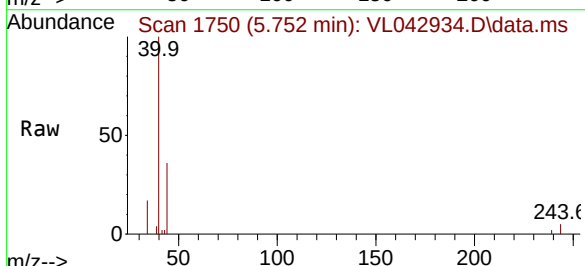
RT: 5.752 min Scan# 1750

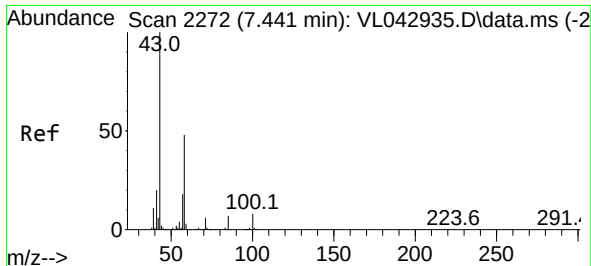
Delta R.T. -0.006 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Tgt Ion: 43	Resp:	20
Ion	Ratio	Lower Upper
43	100	
58	0.0	27.5 41.3#

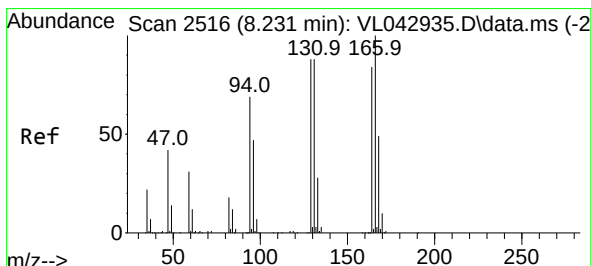
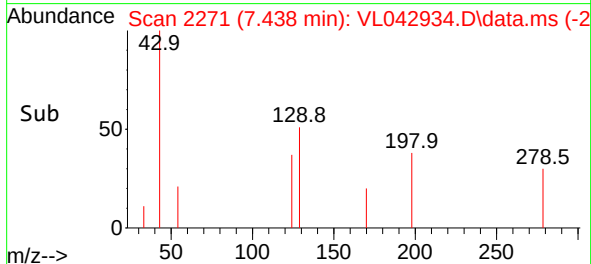
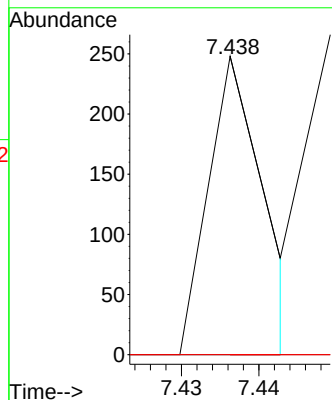
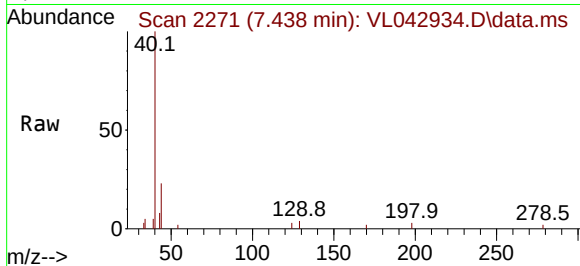




#51
2-Hexanone
Concen: 0.003 ppbv
RT: 7.438 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

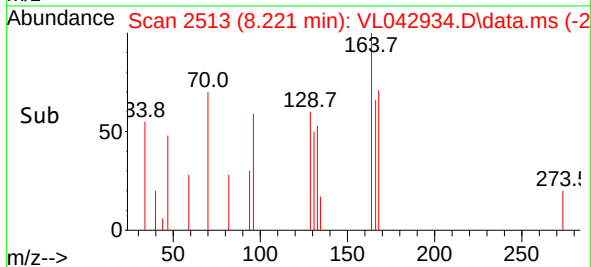
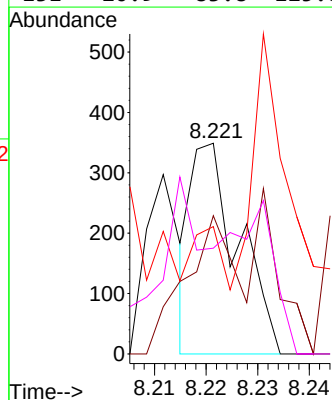
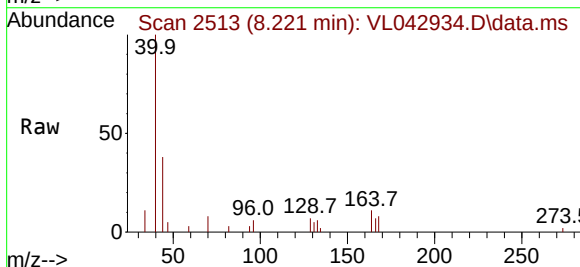
Instrument :
MSVOA_L
ClientSampleId :

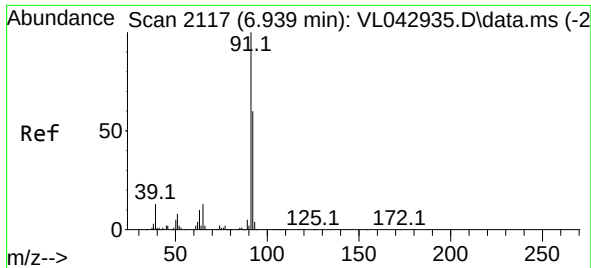
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
58 0.0 37.9 56.9#
98 0.0 0.7 1.1#



#52
Tetrachloroethene
Concen: 0.022 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.010 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion: 164 Resp: 222
Ion Ratio Lower Upper
164 100
166 39.8 95.4 143.0#
129 25.8 84.0 126.0#
131 20.9 83.8 125.8#

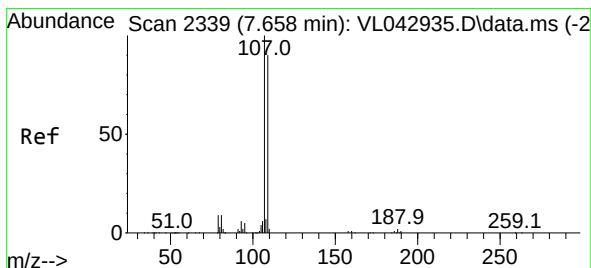
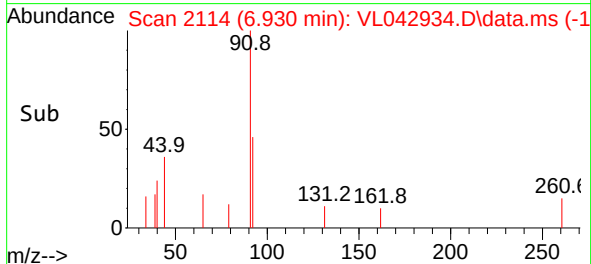
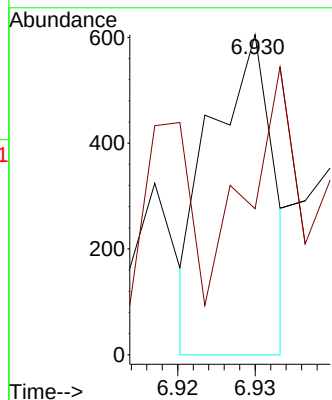
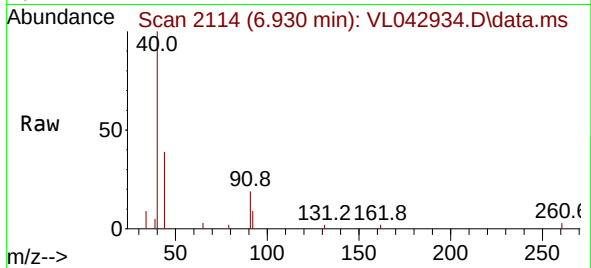




#53
Toluene
Concen: 0.011 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. -0.010 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

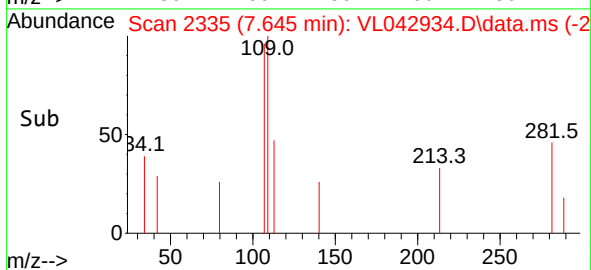
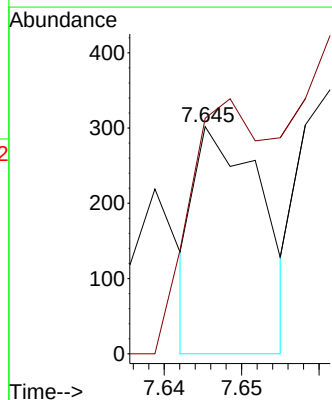
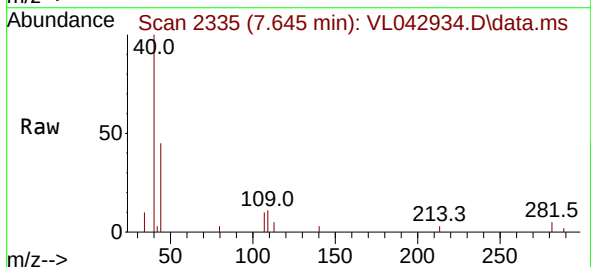
Instrument :
MSVOA_L
ClientSampleId :

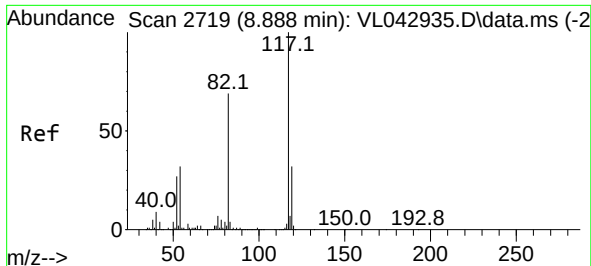
Tgt Ion: 91 Resp: 344
Ion Ratio Lower Upper
91 100
92 201.7 47.4 71.2#



#54
1,2-Dibromoethane
Concen: 0.011 ppbv
RT: 7.645 min Scan# 2335
Delta R.T. -0.013 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion: 107 Resp: 182
Ion Ratio Lower Upper
107 100
109 100.6 71.8 107.6

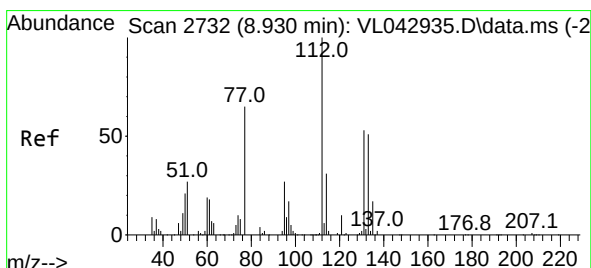
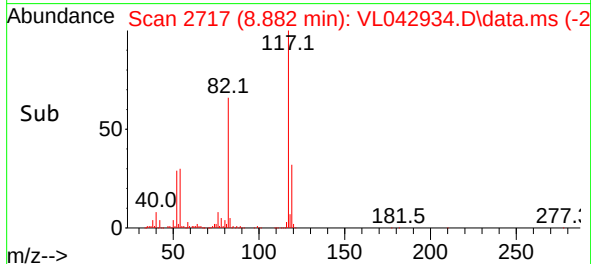
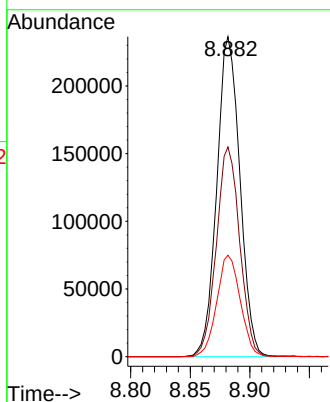
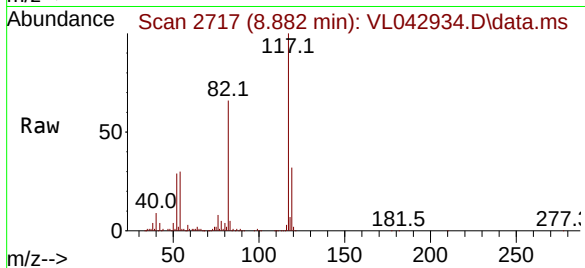




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

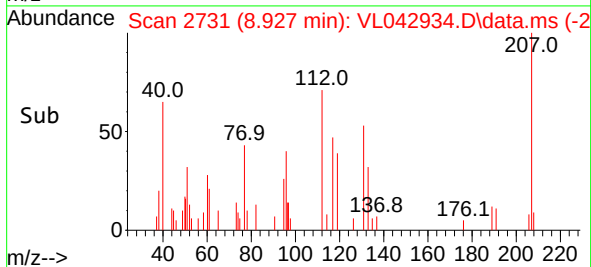
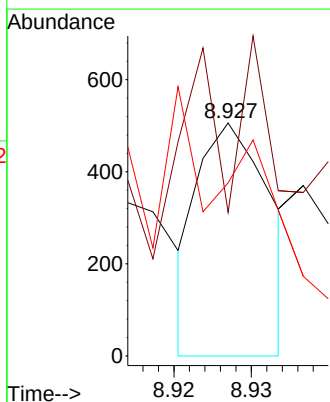
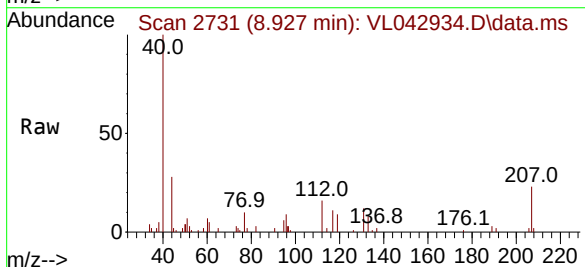
Instrument :
MSVOA_L
ClientSampleId :

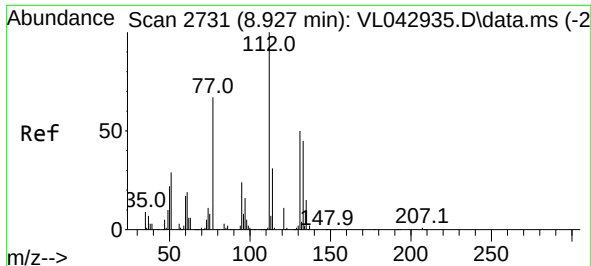
Tgt Ion:117 Resp: 318402
Ion Ratio Lower Upper
117 100
82 66.3 56.1 84.1
119 32.4 25.8 38.8



#56
1,1,1,2-Tetrachloroethane
Concen: 0.020 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion:131 Resp: 326
Ion Ratio Lower Upper
131 100
133 270.2 76.1 114.1#
119 0.0 53.4 80.2#





#57

Chlorobenzene

Concen: 0.021 ppbv

RT: 8.914 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL042934.D

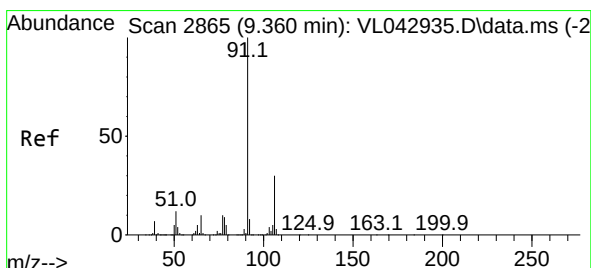
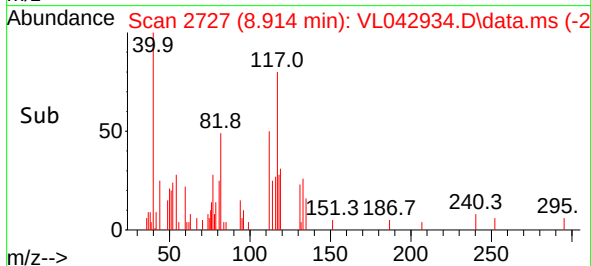
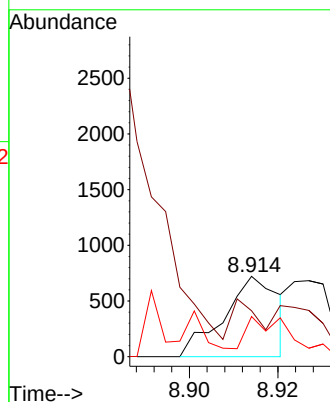
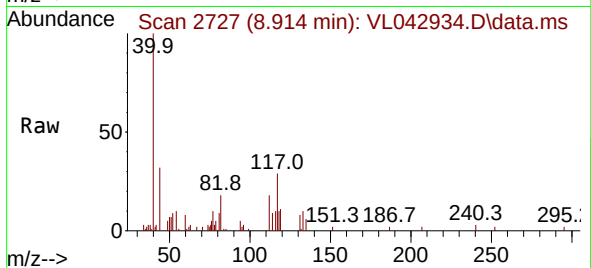
Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	112	Resp:	616
Ion Ratio	Lower	Upper	
112	100		
77	0.0	54.8	82.2#
114	30.7	28.2	34.4



#58

Ethyl Benzene

Concen: 0.020 ppbv

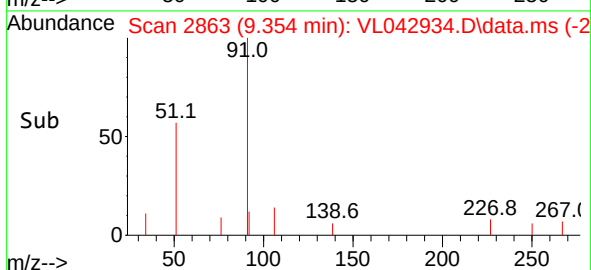
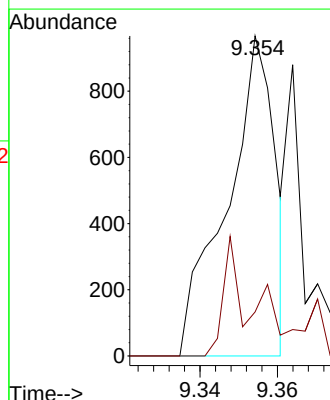
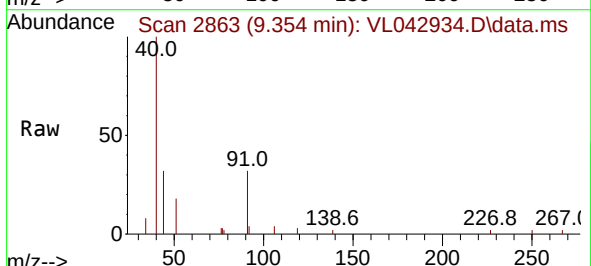
RT: 9.354 min Scan# 2863

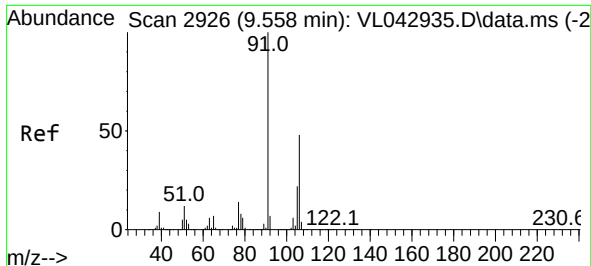
Delta R.T. -0.006 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Tgt Ion:	91	Resp:	836
Ion Ratio	Lower	Upper	
91	100		
106	13.8	24.2	36.4#





#59

m/p-Xylene

Concen: 0.006 ppbv

RT: 9.548 min Scan# 2926

Delta R.T. -0.010 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

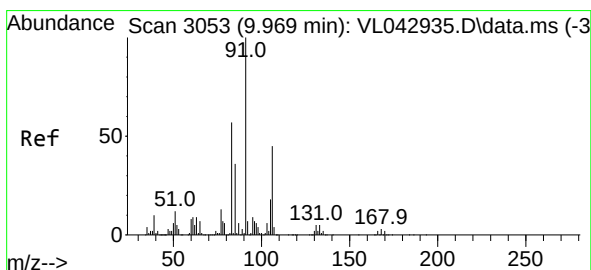
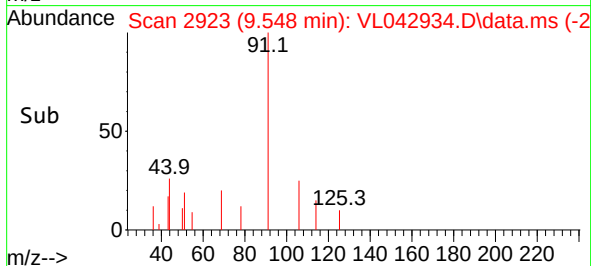
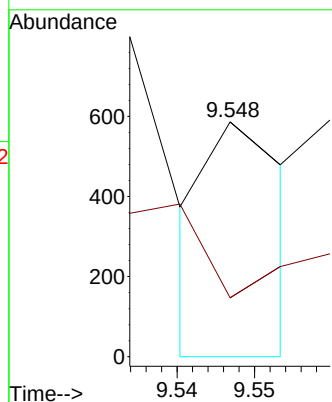
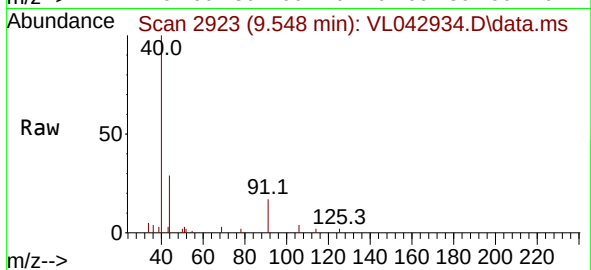
ClientSampleId :

Tgt Ion: 91 Resp: 207

Ion Ratio Lower Upper

91 100

106 0.0 37.4 56.0#



#60

o-Xylene

Concen: 0.017 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VL042934.D

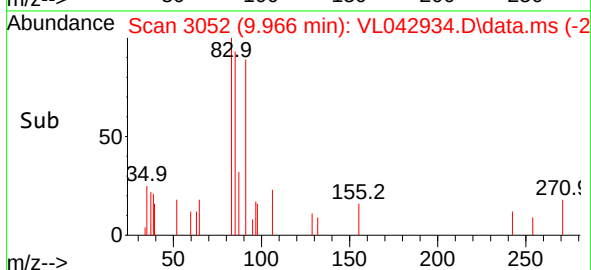
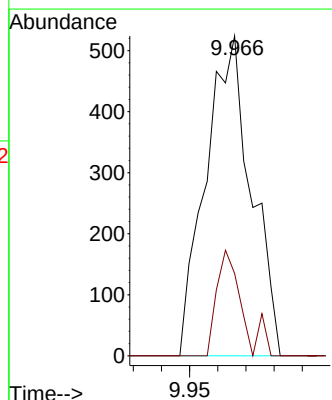
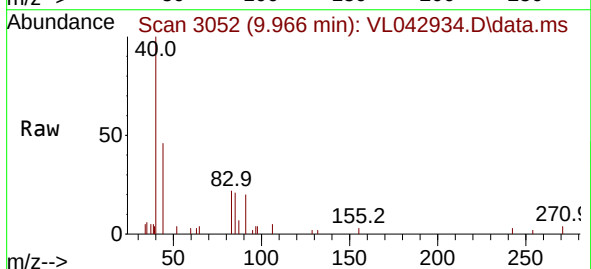
Acq: 17 Sep 2025 13:07

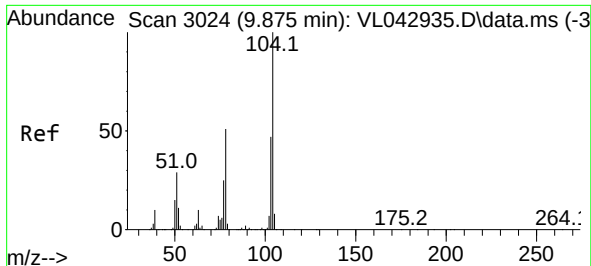
Tgt Ion: 91 Resp: 589

Ion Ratio Lower Upper

91 100

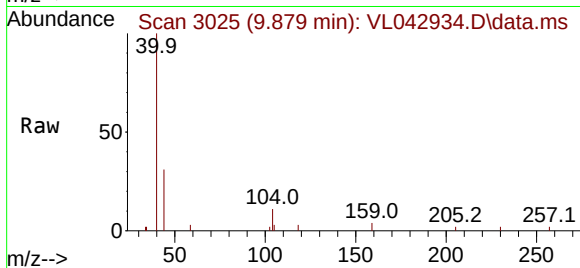
106 18.2 22.1 66.5#



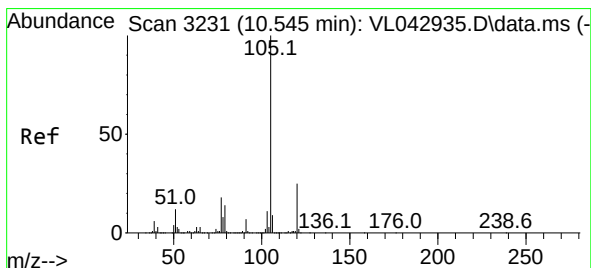
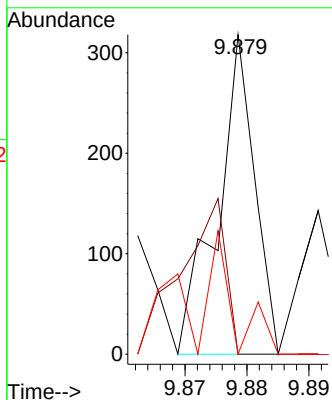
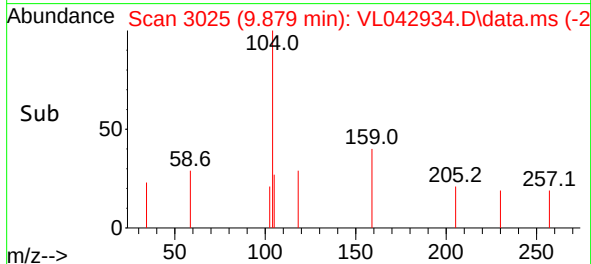


#61
Styrene
Concen: 0.548 ppbv
RT: 9.879 min Scan# 3024
Delta R.T. 0.004 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Instrument :
MSVOA_L
ClientSampleId :

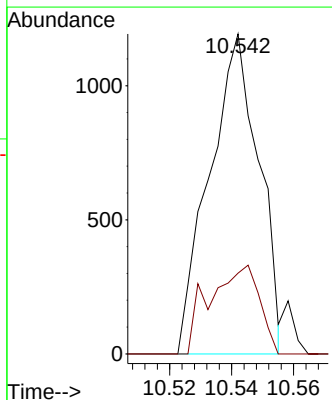
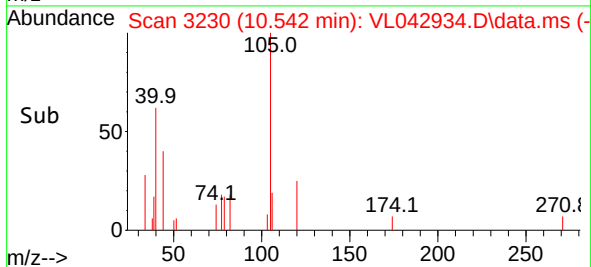
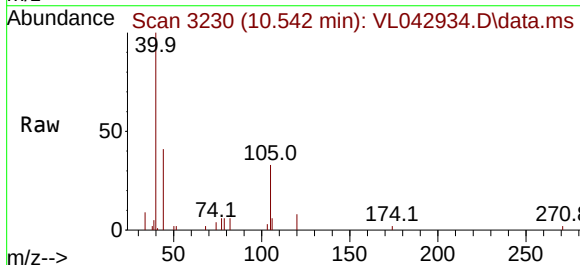


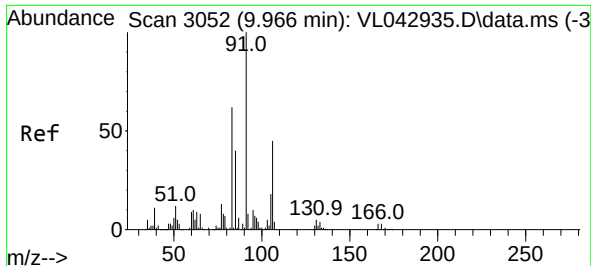
Tgt Ion:104 Resp: 132
Ion Ratio Lower Upper
104 100
78 58.3 40.2 60.2
103 47.0 36.8 55.2



#62
Isopropylbenzene
Concen: 0.026 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion:105 Resp: 1319
Ion Ratio Lower Upper
105 100
120 27.9 20.0 30.0





#63

1,1,2,2-Tetrachloroethane

Concen: 0.034 ppbv

RT: 9.963 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VL042934.D

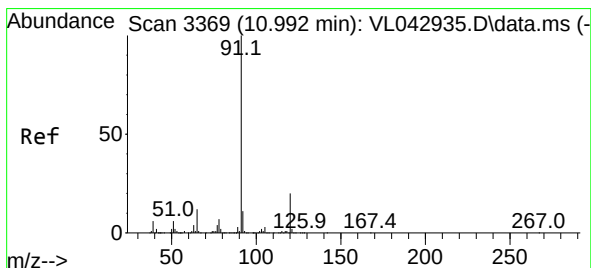
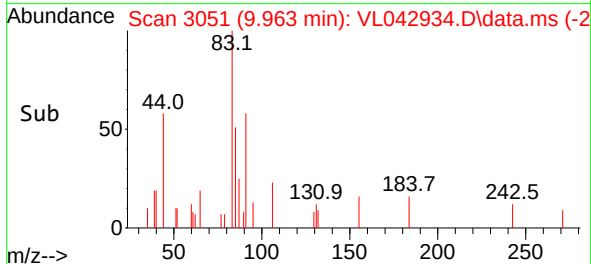
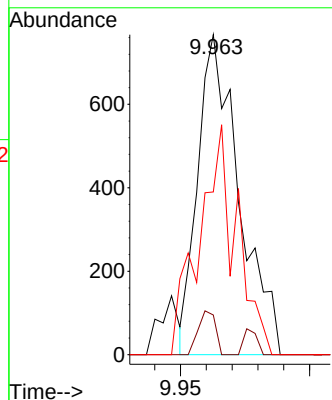
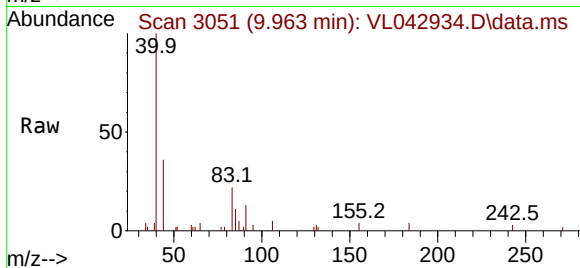
Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	83	Resp:	855
Ion	Ratio	Lower	Upper
83	100		
131	8.3	4.2	12.6
85	64.4	32.6	98.0



#64

n-propylbenzene

Concen: 0.012 ppbv

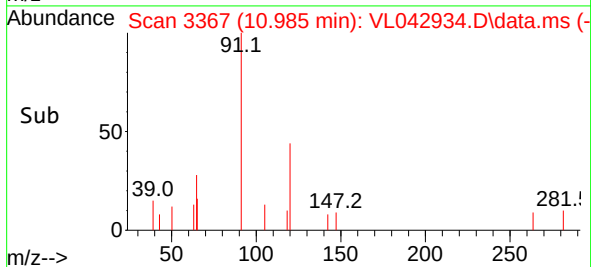
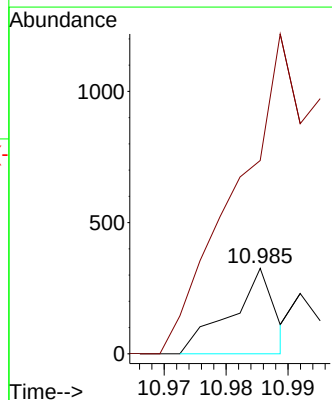
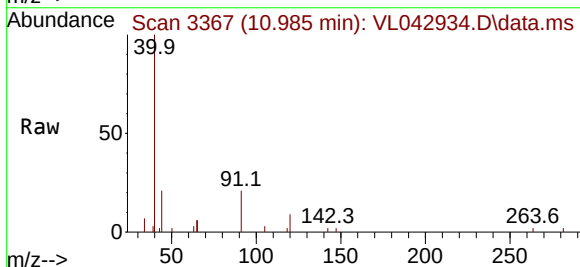
RT: 10.985 min Scan# 3367

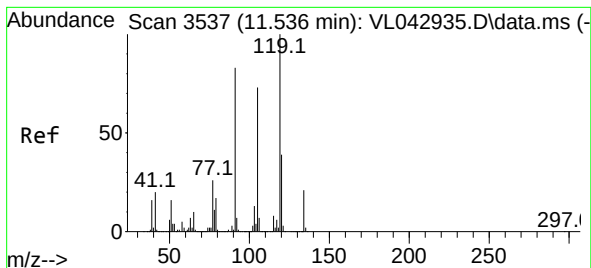
Delta R.T. -0.006 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Tgt Ion:	120	Resp:	160
Ion	Ratio	Lower	Upper
120	100		
91	912.5	394.6	591.8#

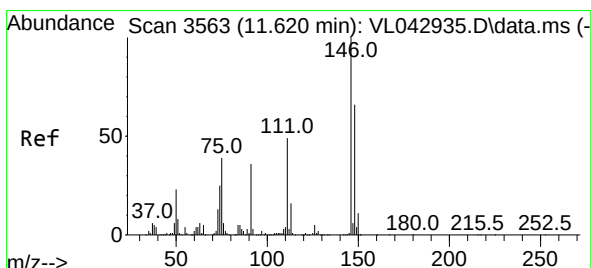
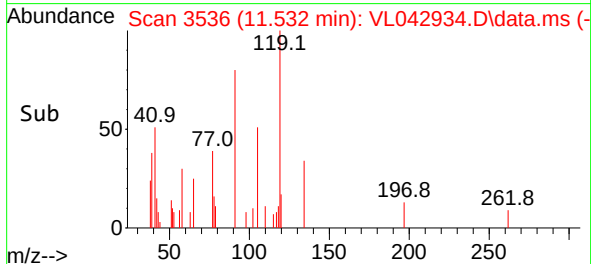
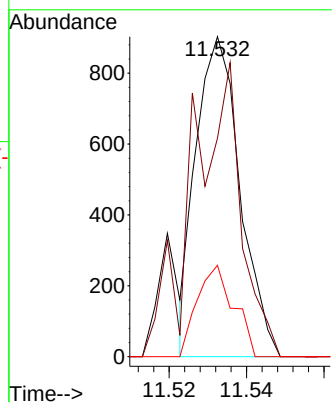
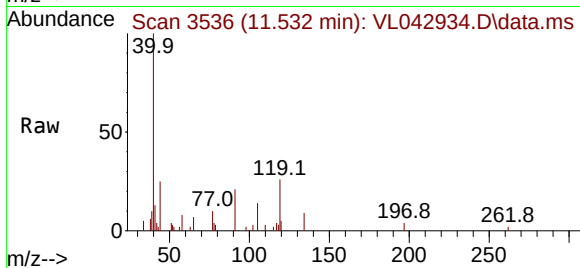




#65
tert-Butylbenzene
Concen: 0.017 ppbv
RT: 11.532 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

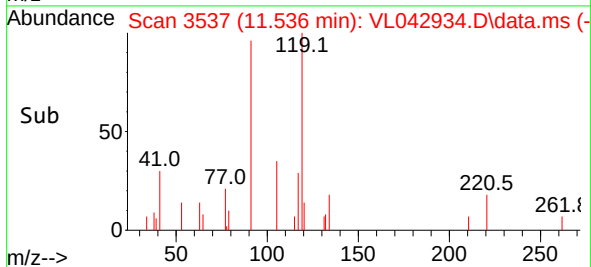
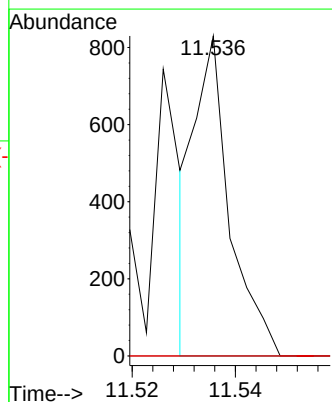
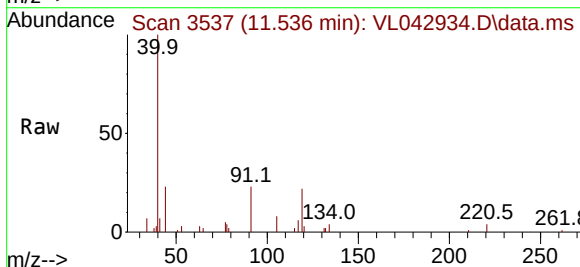
Instrument :
MSVOA_L
ClientSampleId :

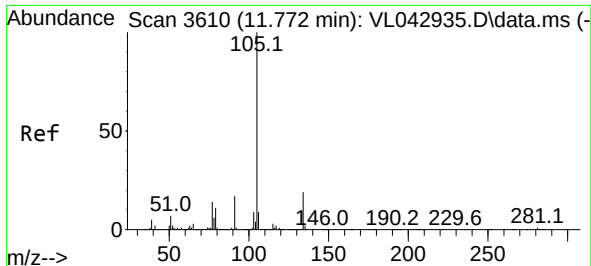
Tgt Ion	Ratio	Lower	Upper
119	100		
91	102.1	66.0	99.0#
134	23.7	16.8	25.2



#66
Benzyl Chloride
Concen: 0.099 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.084 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.9	20.9#
128	0.0	4.9	7.3#

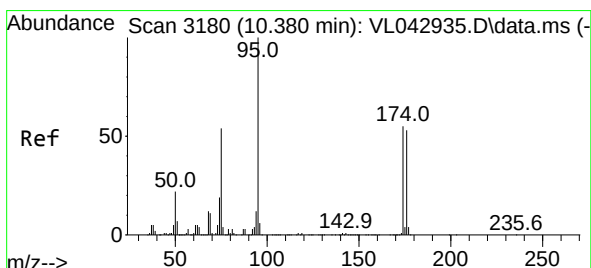
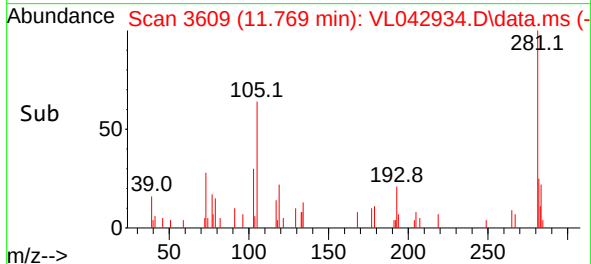
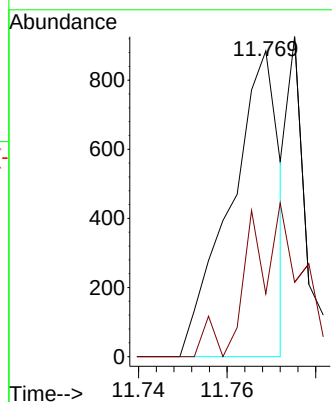
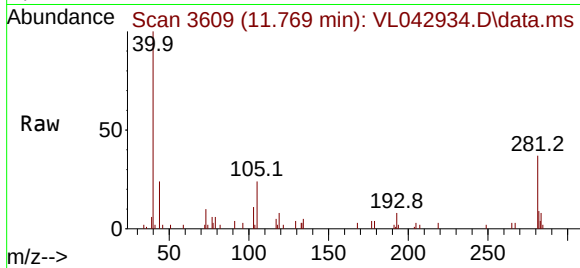




#67
 sec-Butylbenzene
 Concen: 0.010 ppbv
 RT: 11.769 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

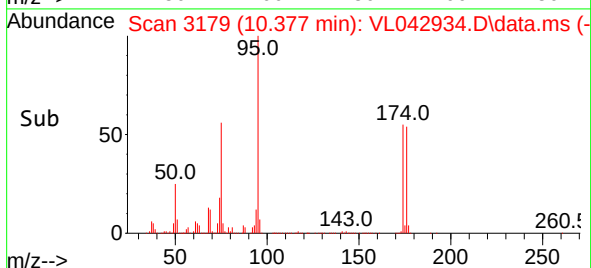
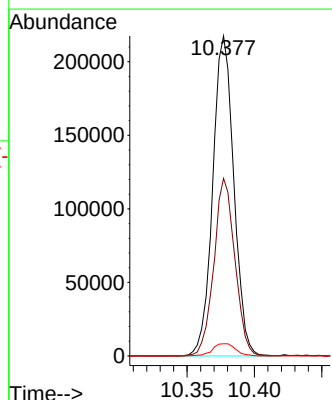
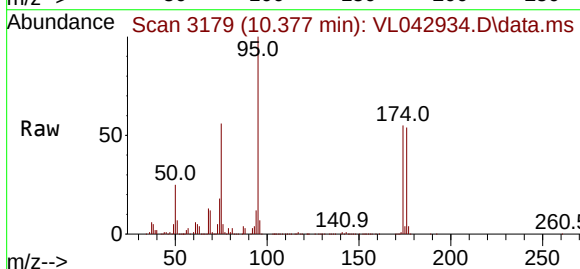
Instrument :
 MSVOA_L
 ClientSampleId :

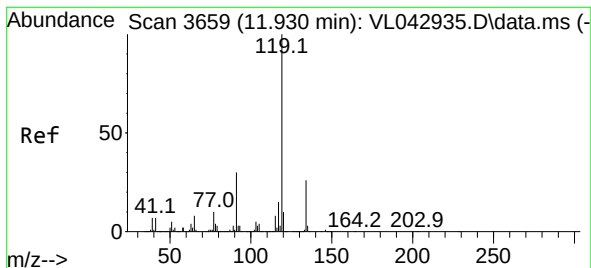
Tgt Ion:105 Resp: 679
 Ion Ratio Lower Upper
 105 100
 134 51.3 14.3 21.5#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.509 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

Tgt Ion: 95 Resp: 236647
 Ion Ratio Lower Upper
 95 100
 174 55.5 44.9 67.3
 175 4.2 3.3 4.9





#69

p-Isopropyltoluene

Concen: 0.012 ppbv

RT: 11.924 min Scan# 3657

Delta R.T. -0.006 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

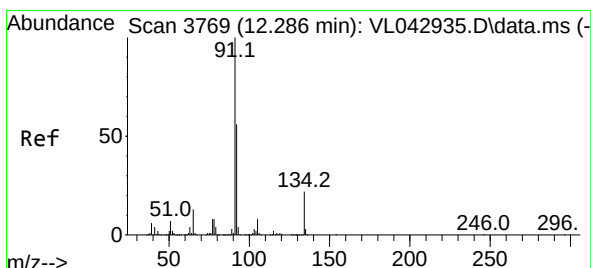
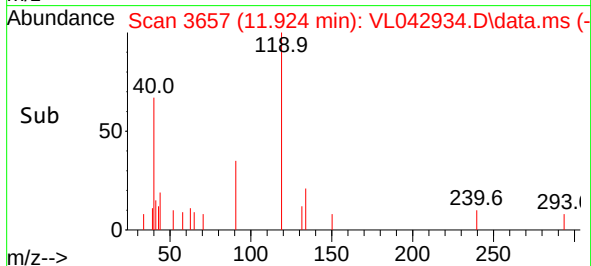
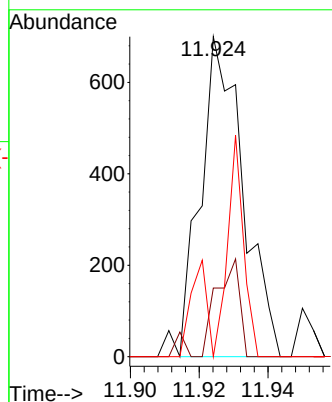
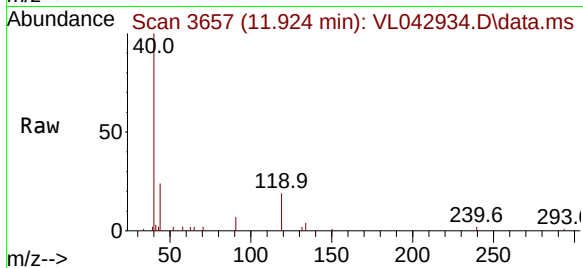
Tgt Ion:119 Resp: 599

Ion Ratio Lower Upper

119 100

134 18.4 20.5 30.7#

91 37.2 23.2 34.8#



#70

n-Butylbenzene

Concen: 0.312 ppbv

RT: 12.283 min Scan# 3768

Delta R.T. -0.003 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

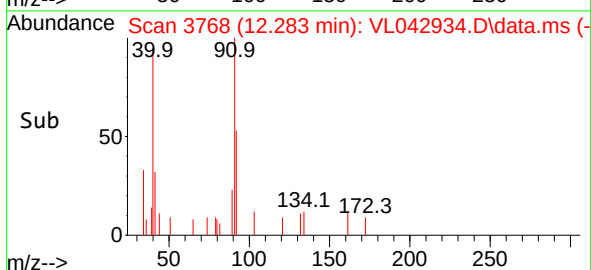
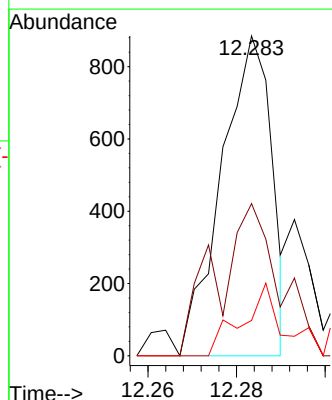
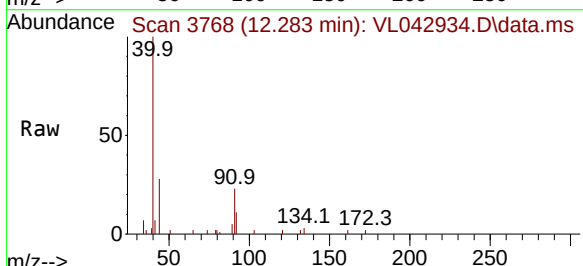
Tgt Ion: 91 Resp: 700

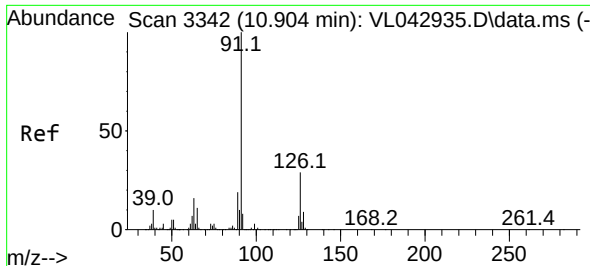
Ion Ratio Lower Upper

91 100

92 59.3 43.8 65.8

134 24.9 17.3 25.9

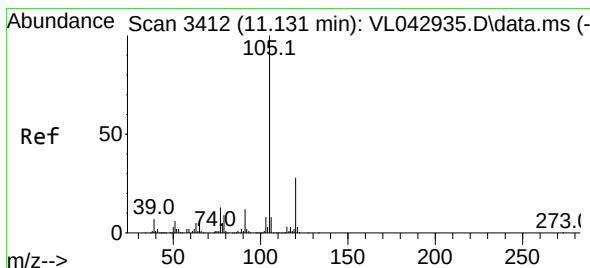
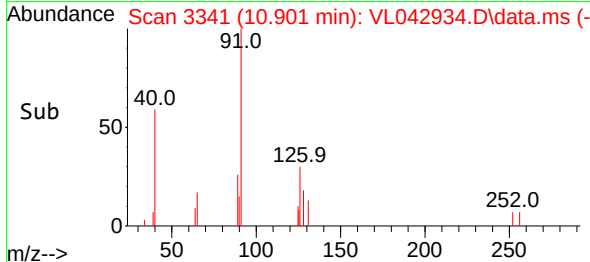
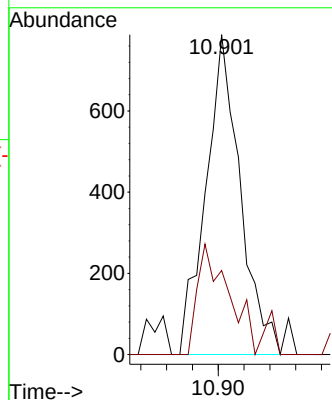
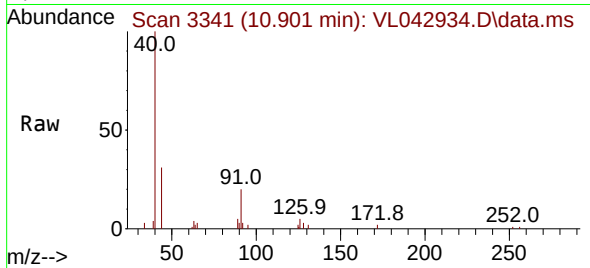




#71
2-Chlorotoluene
Concen: 0.020 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

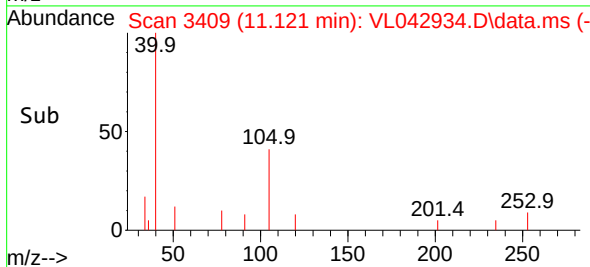
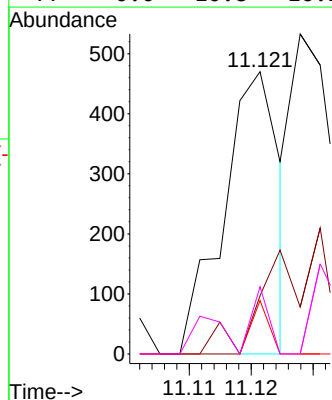
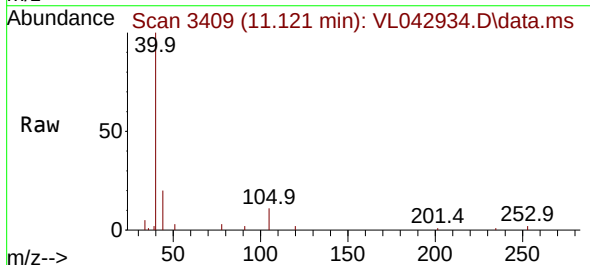
Instrument :
MSVOA_L
ClientSampleId :

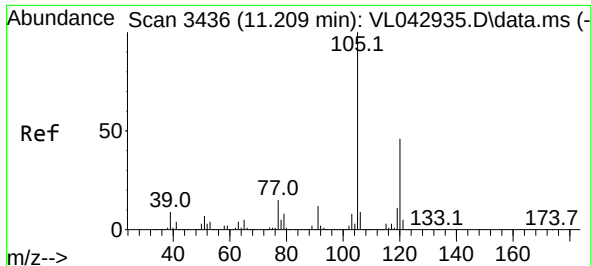
Tgt Ion: 91 Resp: 729
Ion Ratio Lower Upper
91 100
126 35.5 11.5 45.9



#72
4-Ethyltoluene
Concen: 0.367 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.010 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion: 105 Resp: 297
Ion Ratio Lower Upper
105 100
120 0.0 23.1 34.7#
91 0.0 10.4 15.6#
77 0.0 10.8 16.2#

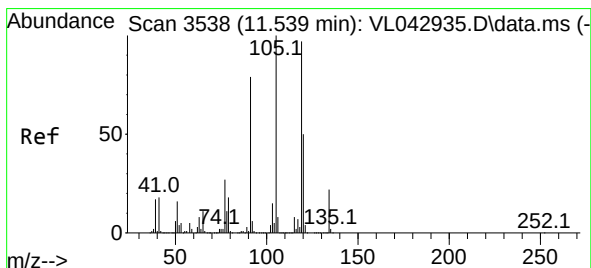
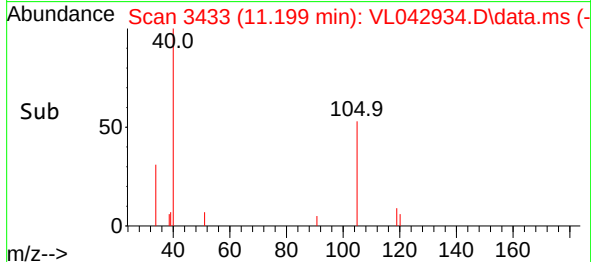
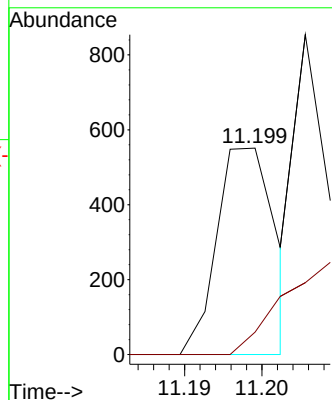
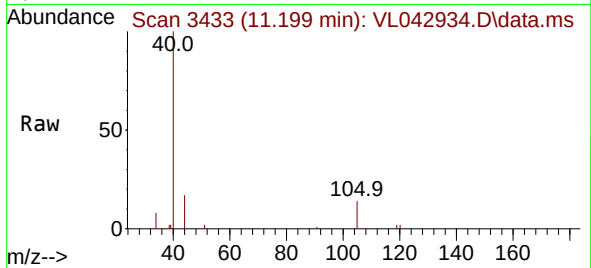




#73
 1,3,5-Trimethylbenzene
 Concen: 0.009 ppbv
 RT: 11.199 min Scan# 3433
 Delta R.T. -0.010 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

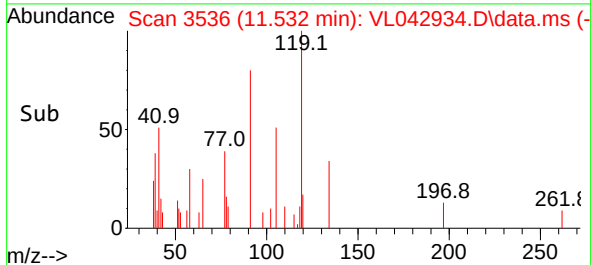
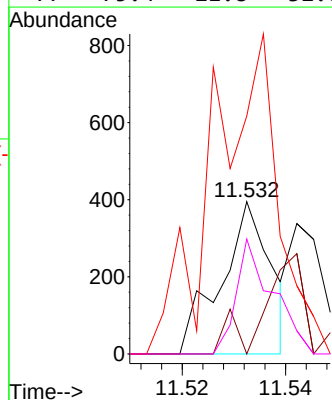
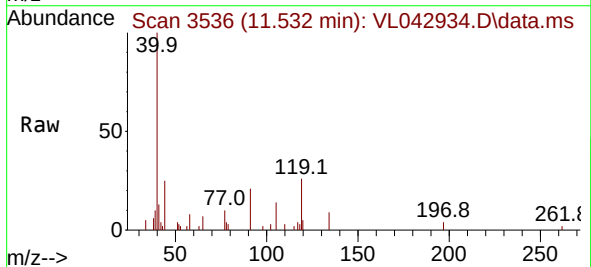
Instrument :
 MSVOA_L
 ClientSampleId :

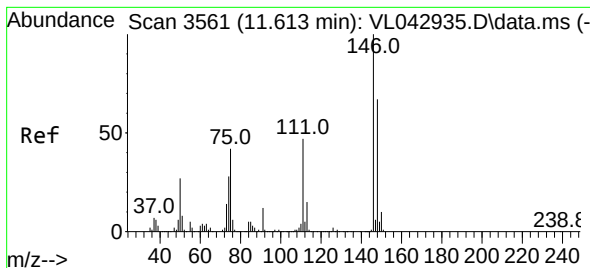
Tgt Ion:105 Resp: 291
 Ion Ratio Lower Upper
 105 100
 120 10.9 37.0 55.6#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.007 ppbv
 RT: 11.532 min Scan# 3536
 Delta R.T. -0.006 min
 Lab File: VL042934.D
 Acq: 17 Sep 2025 13:07

Tgt Ion:105 Resp: 265
 Ion Ratio Lower Upper
 105 100
 120 0.0 39.8 59.6#
 91 79.0 63.1 94.7
 77 75.4 21.8 32.6#





#75

1,3-Dichlorobenzene

Concen: 0.009 ppbv

RT: 11.604 min Scan# 3558

Delta R.T. -0.010 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

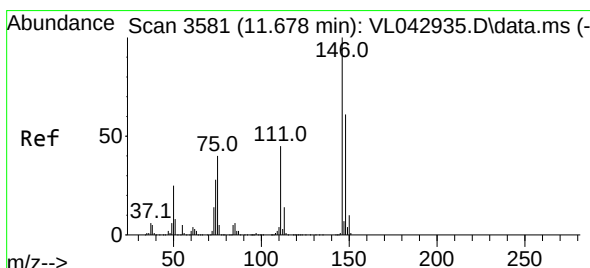
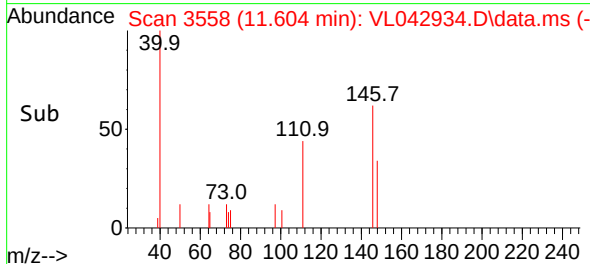
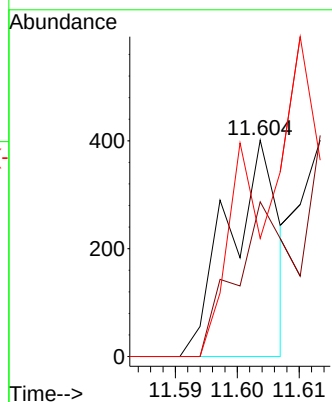
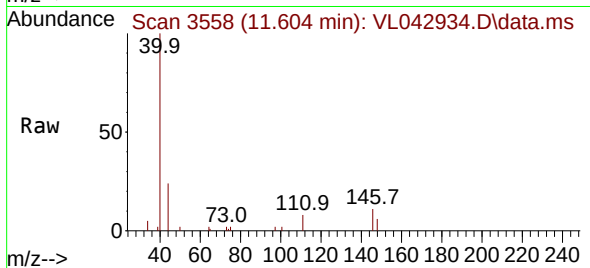
Tgt Ion:146 Resp: 228

Ion Ratio Lower Upper

146 100

111 0.0 24.1 72.2#

148 0.0 31.8 95.3#



#76

1,4-Dichlorobenzene

Concen: 0.020 ppbv

RT: 11.672 min Scan# 3579

Delta R.T. -0.006 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

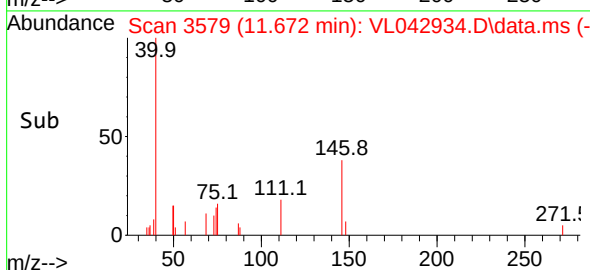
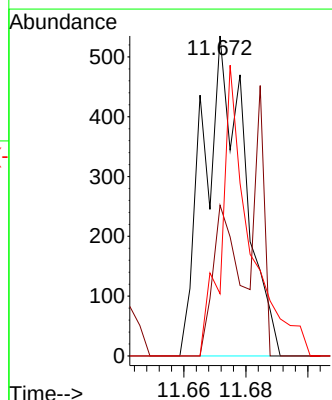
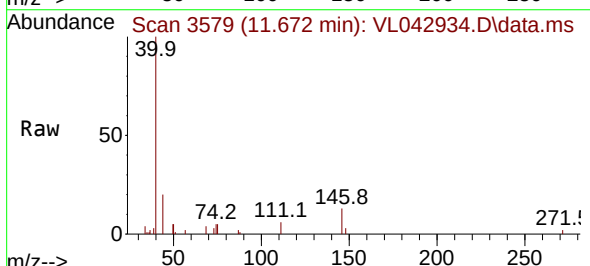
Tgt Ion:146 Resp: 496

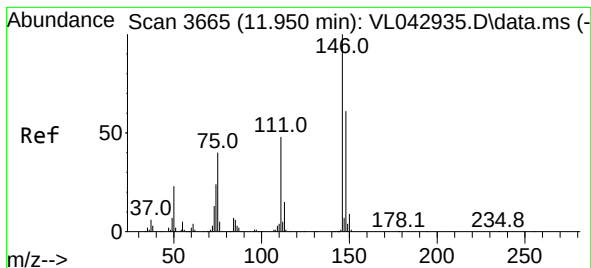
Ion Ratio Lower Upper

146 100

111 53.2 23.0 69.0

148 62.1 31.8 95.4





#77

1,2-Dichlorobenzene

Concen: 0.019 ppbv

RT: 11.672 min Scan# 3

Delta R.T. -0.278 min

Lab File: VL042934.D

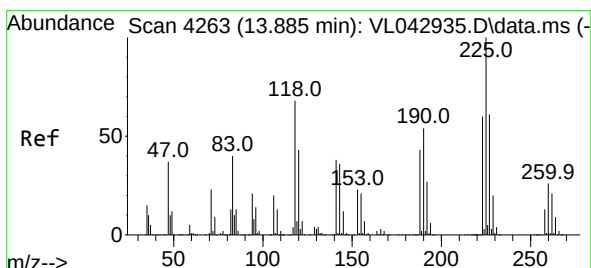
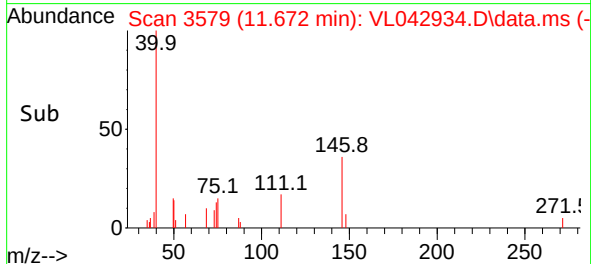
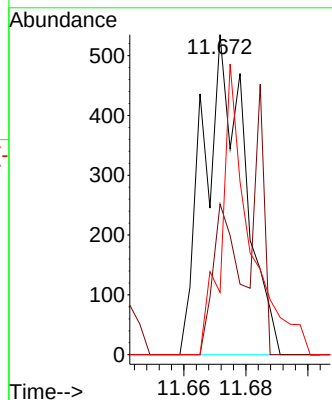
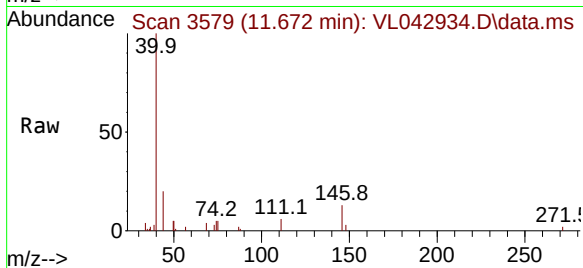
Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:146	Resp:	496
Ion Ratio	Lower	Upper
146	100	
111	53.2	24.6 73.8
148	62.1	31.4 94.2



#78

Hexachloro-1,3-Butadiene

Concen: 0.067 ppbv

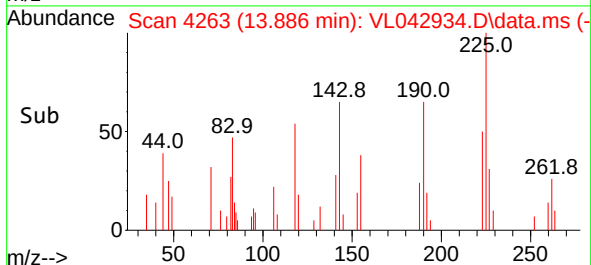
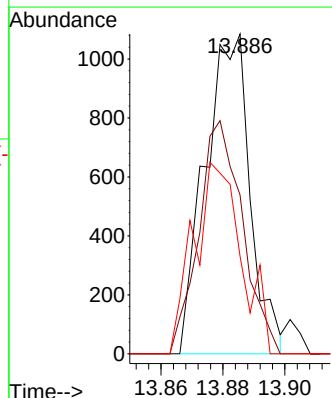
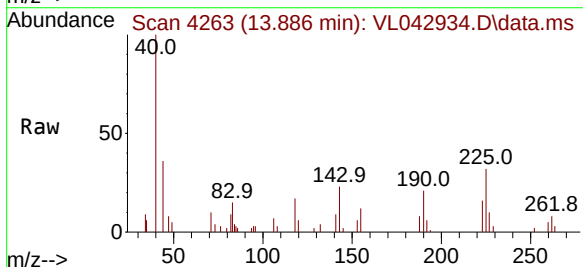
RT: 13.886 min Scan# 4263

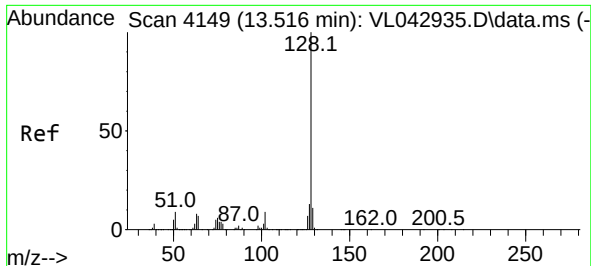
Delta R.T. 0.000 min

Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Tgt Ion:225	Resp:	1096
Ion Ratio	Lower	Upper
225	100	
223	70.4	50.6 76.0
227	62.9	50.5 75.7

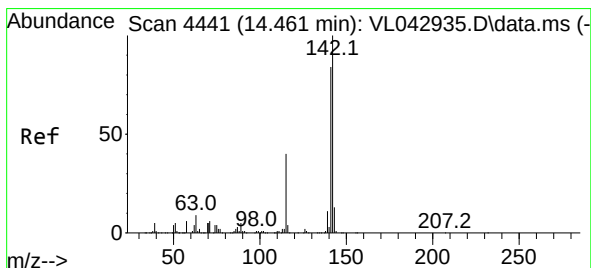
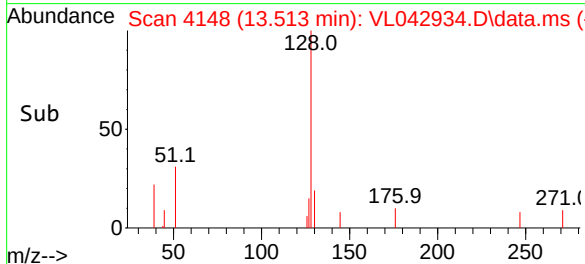
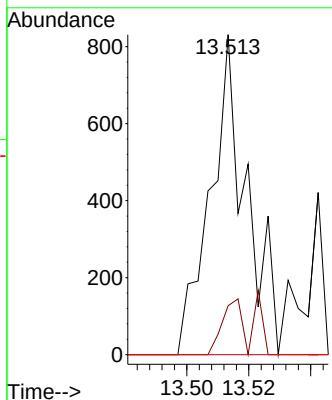
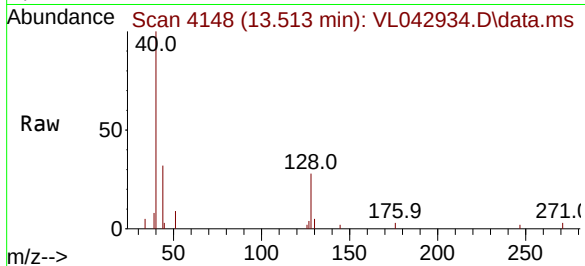




#79
Naphthalene
Concen: 0.378 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. -0.003 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

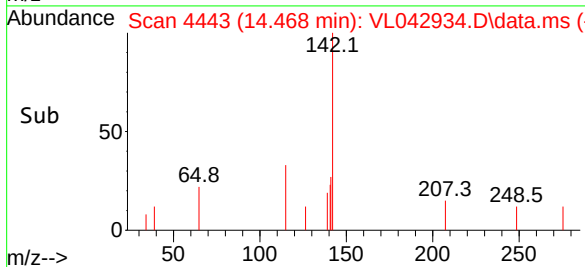
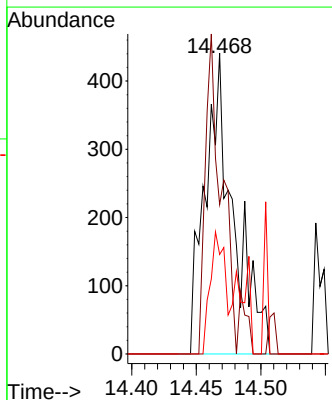
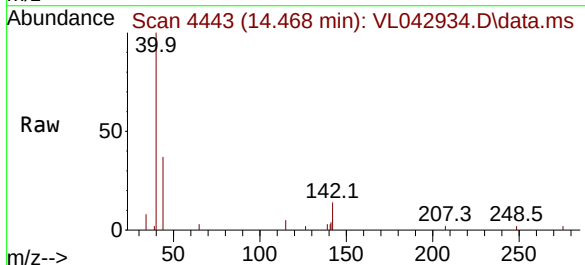
Instrument :
MSVOA_L
ClientSampleId :

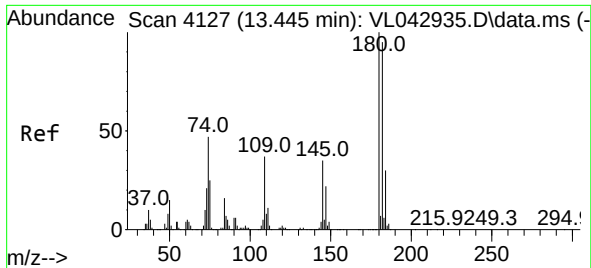
Tgt Ion:128 Resp: 666
Ion Ratio Lower Upper
128 100
127 15.3 10.3 15.5
129 0.0 8.7 13.1#



#80
Naphthalene,2-methyl-
Concen: 0.806 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. 0.007 min
Lab File: VL042934.D
Acq: 17 Sep 2025 13:07

Tgt Ion:142 Resp: 672
Ion Ratio Lower Upper
142 100
141 66.7 67.0 100.6#
115 35.1 32.0 48.0





#81

1,2,4-Trichlorobenzene

Concen: 0.434 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.000 min

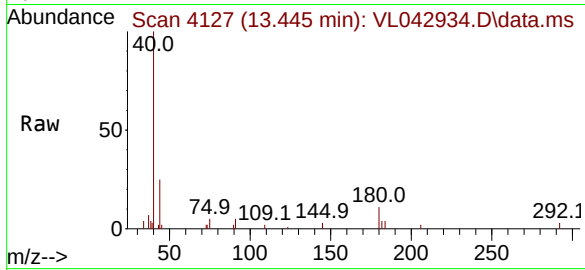
Lab File: VL042934.D

Acq: 17 Sep 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 197

Ion Ratio Lower Upper

180 100

182 117.3 75.5 113.3#

184 48.7 24.6 37.0#

