

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062725\
 Data File : VL042672.D
 Acq On : 27 Jun 2025 10:01
 Operator : SY/MD
 Sample : VL0627ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01

Quant Time: Jun 27 23:01:28 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	106951	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	276501	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	243742	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 192618 10.542 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	142954	10.876	ppbv	98
3) Chlorodifluoromethane	1.473	51	182823	10.099	ppbv	99
4) Chloromethane	1.531	50	55814	10.723	ppbv	99
5) Vinyl Chloride	1.580	62	50592	9.541	ppbv	100
6) Bromomethane	1.667	94	25688	9.953	ppbv	93
7) Chloroethane	1.703	64	20355	9.880	ppbv	93
8) Dichlorotetrafluoroethane	1.554	85	117162	10.697	ppbv	98
9) Propene	1.483	41	68729	9.427	ppbv	98
10) Heptane	4.972	43	200294	9.747	ppbv	100
11) Trichlorofluoromethane	1.874	101	152075	12.434	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	116870	12.169	ppbv	98
13) Ethanol	1.719	45	5567	6.407	ppbv	94
14) Bromoethene	1.780	108	40511	11.214	ppbv	97
15) Acetone	1.832	43	124984	9.702	ppbv	98
16) 1,3-Butadiene	1.609	39	55918	9.163	ppbv	99
17) tert-Butyl alcohol	2.036	59	140591	10.476	ppbv	99
18) 1,1-Dichloroethene	2.033	96	49315	11.078	ppbv	97
19) Isopropyl Alcohol	1.884	45	79068	10.267	ppbv	96
20) Methylene Chloride	2.059	84	43613	10.259	ppbv	97
21) Allyl Chloride	2.094	41	94866	10.437	ppbv	95
22) trans-1,2-Dichloroethene	2.337	96	57326	11.529	ppbv	96
23) Vinyl Acetate	2.460	43	229055	13.153	ppbv #	98
24) 1,1-Dichloroethane	2.405	63	115251	11.266	ppbv	98
25) Ethyl Acetate	2.829	43	360851	10.235	ppbv	99
26) Hexane	2.823	57	154267	9.630	ppbv	95
27) Carbon Disulfide	2.146	76	142775	11.610	ppbv	94
28) Methyl tert-Butyl Ether	2.438	73	77186	11.874	ppbv	95
29) Chloroform	2.845	83	229951	11.038	ppbv	99
30) Cyclohexane	3.852	84	122977	9.260	ppbv	97
31) cis-1,2-Dichloroethene	2.719	61	149858	10.227	ppbv	97
32) 1,1,1-Trichloroethane	3.363	97	218827	10.281	ppbv	99
34) 2-Butanone	2.554	43	233430	11.838	ppbv	100
35) Carbon Tetrachloride	3.758	117	221442	12.132	ppbv	97
36) Benzene	3.651	78	304476	11.182	ppbv	100
37) 1,2-Dichloroethane	3.214	62	172012	12.711	ppbv	98
38) Trichloroethene	4.545	130	119585	10.333	ppbv	92
39) 1,2-Dichloropropane	4.308	63	113456	11.268	ppbv	96
40) 1,4-Dioxane	4.574	88	51153	11.353	ppbv #	95
41) Tetrahydrofuran	3.049	42	125597	10.881	ppbv	99
42) Bromodichloromethane	4.483	83	239716	12.472	ppbv	98
43) Methyl Methacrylate	4.871	69	114121	10.799	ppbv	99
44) 2,2,4-Trimethylpentane	4.632	57	529719	11.374	ppbv	99
45) t-1,3-Dichloropropene	6.409	75	129839	10.737	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062725\
 Data File : VL042672.D
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 Sample : VL0627ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01

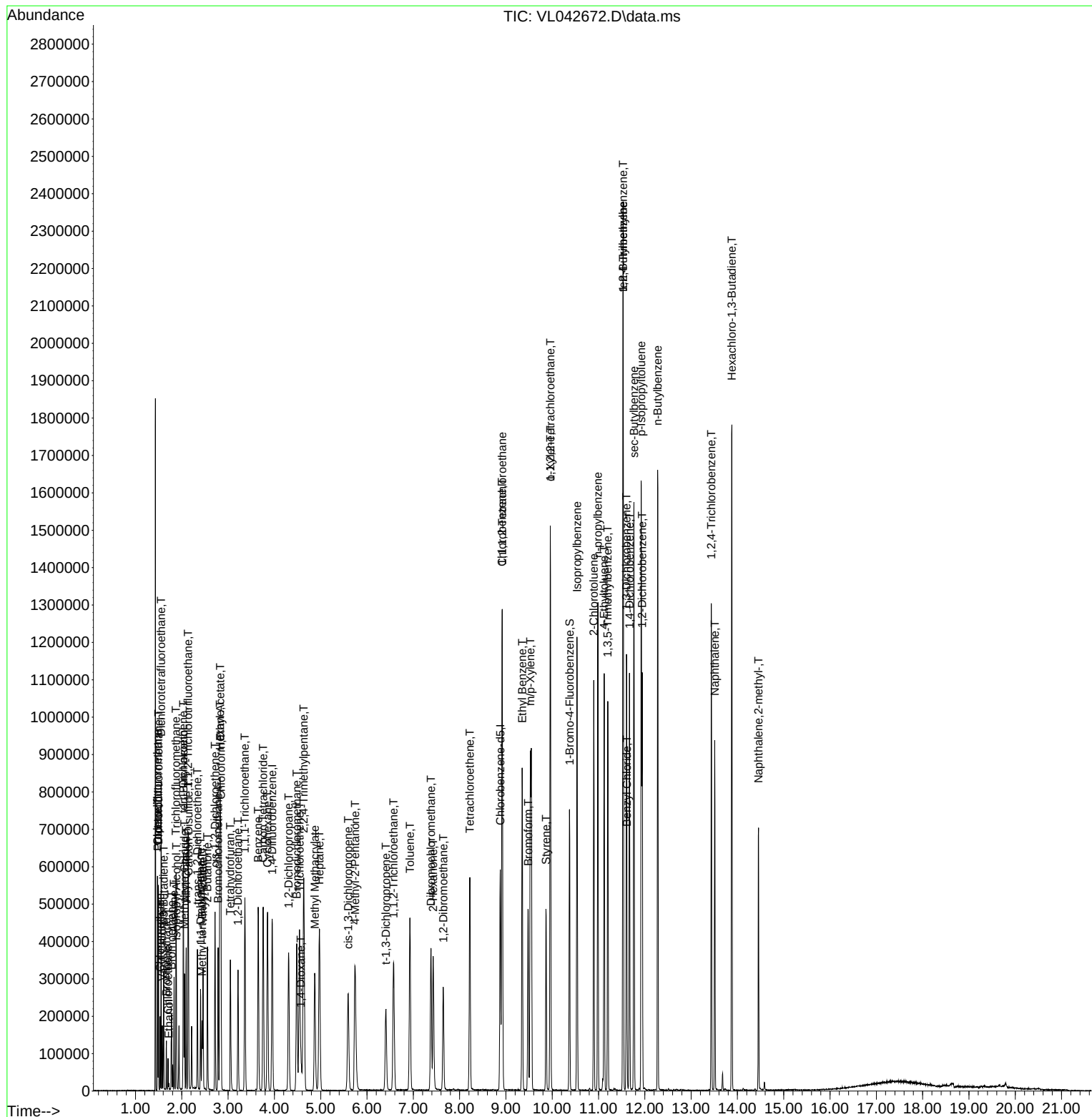
Quant Time: Jun 27 23:01:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

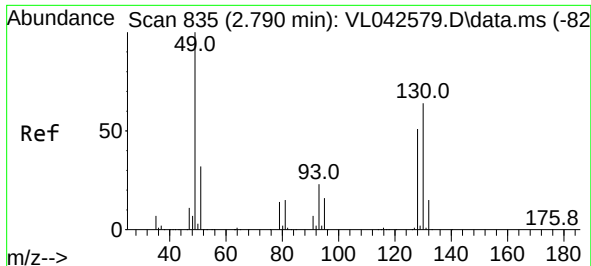
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	165832	10.944	ppbv	98
47) 1,1,2-Trichloroethane	6.574	97	121264	11.634	ppbv	96
48) Dibromochloromethane	7.383	129	190692	11.428	ppbv	99
49) Bromoform	9.480	173	169142	11.748	ppbv	99
50) 4-Methyl-2-Pentanone	5.745	43	310680	11.359	ppbv	98
51) 2-Hexanone	7.428	43	243780	11.239	ppbv #	96
52) Tetrachloroethene	8.221	164	103190	10.142	ppbv	99
53) Toluene	6.927	91	334285	10.622	ppbv	100
54) 1,2-Dibromoethane	7.645	107	177063	11.477	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.921	131	148442	12.112	ppbv	99
57) Chlorobenzene	8.917	112	268876	11.361	ppbv	97
58) Ethyl Benzene	9.351	91	468690	11.336	ppbv	94
59) m/p-Xylene	9.529	91	420784	12.933	ppbv #	29
60) o-Xylene	9.959	91	384191	11.839	ppbv	97
61) Styrene	9.866	104	163212	10.638	ppbv	98
62) Isopropylbenzene	10.536	105	554283	11.562	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.959	83	250663	12.148	ppbv	99
64) n-propylbenzene	10.985	120	146849	11.427	ppbv	94
65) tert-Butylbenzene	11.529	119	486833	11.190	ppbv	96
66) Benzyl Chloride	11.613	91	51531	9.202	ppbv	100
67) sec-Butylbenzene	11.765	105	699608	11.438	ppbv	98
69) p-Isopropyltoluene	11.921	119	578855	11.301	ppbv	98
70) n-Butylbenzene	12.277	91	597699	11.822	ppbv	98
71) 2-Chlorotoluene	10.898	91	422724	11.560	ppbv	95
72) 4-Ethyltoluene	11.121	105	474718	11.734	ppbv	98
73) 1,3,5-Trimethylbenzene	11.199	105	390052	11.649	ppbv	92
74) 1,2,4-Trimethylbenzene	11.532	105	432083	11.628	ppbv #	90
75) 1,3-Dichlorobenzene	11.604	146	271976	11.655	ppbv	99
76) 1,4-Dichlorobenzene	11.668	146	268767	11.548	ppbv	99
77) 1,2-Dichlorobenzene	11.944	146	259764	11.470	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	184563	9.850	ppbv	99
79) Naphthalene	13.510	128	412498	11.777	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	185846	11.744	ppbv	99
81) 1,2,4-Trichlorobenzene	13.436	180	210303	10.756	ppbv	97

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

Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration

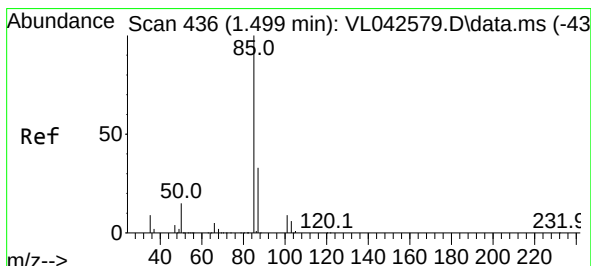
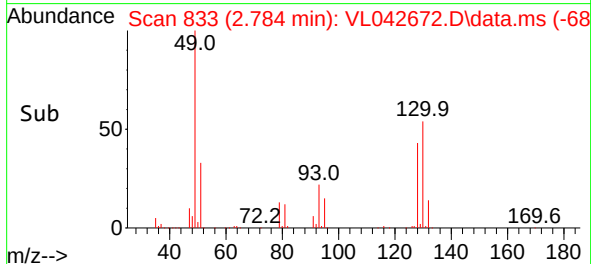
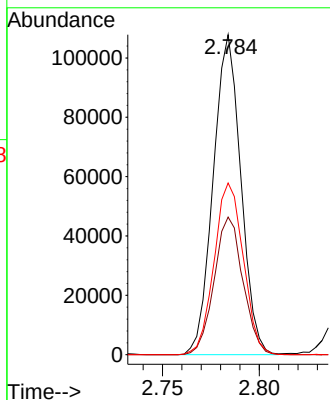
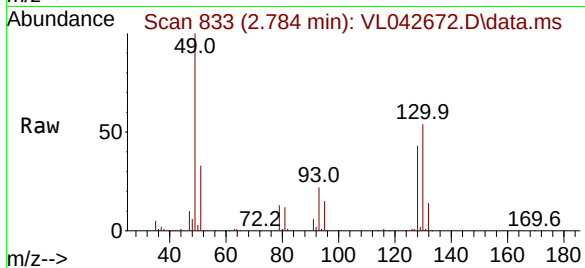




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 835
Delta R.T. -0.006 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

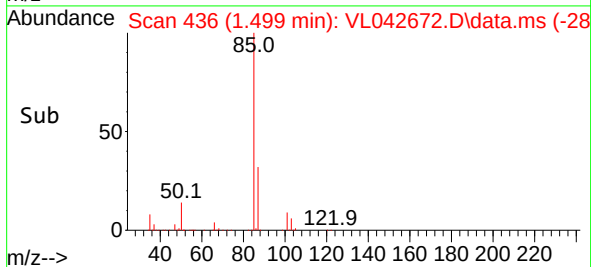
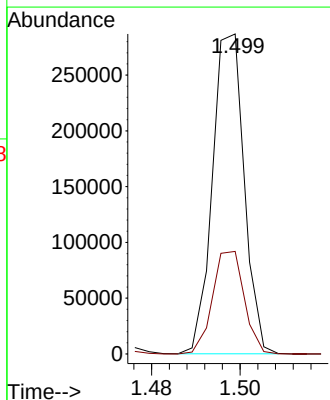
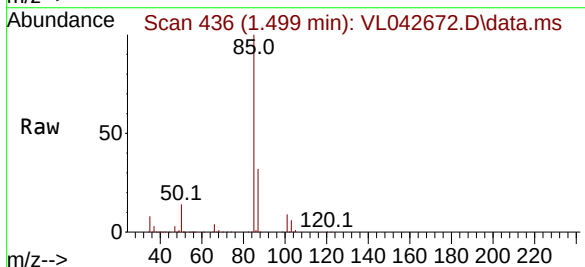
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MSVOA_L
ClientSampleId :
VL0627ABS01

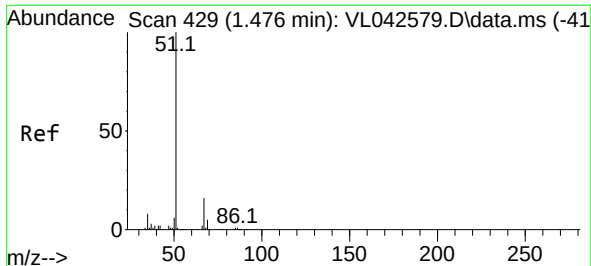
Tgt Ion: 49 Resp: 106951
Ion Ratio Lower Upper
49 100
128 44.8 24.2 72.6
130 56.7 30.4 91.2



#2
Dichlorodifluoromethane
Concen: 10.876 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 85 Resp: 142954
Ion Ratio Lower Upper
85 100
87 32.1 26.6 39.8

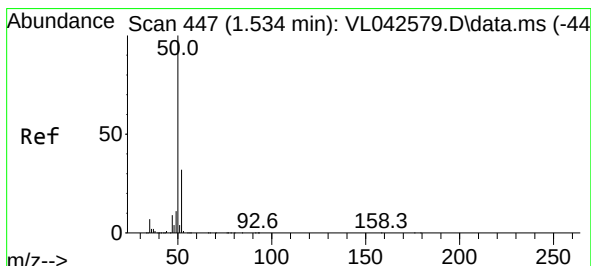
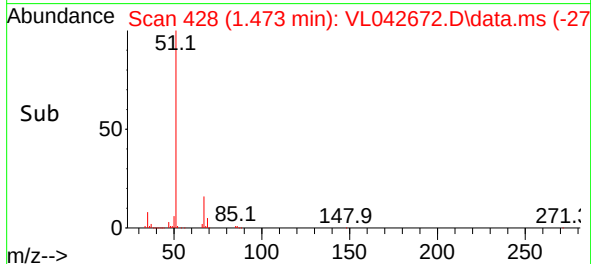
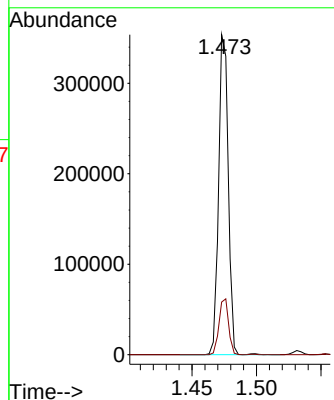
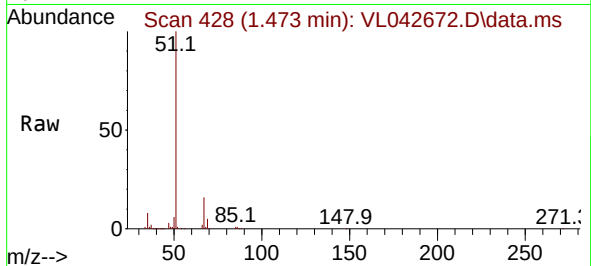




#3
Chlorodifluoromethane
Concen: 10.099 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

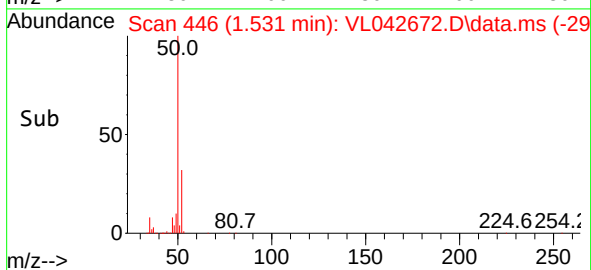
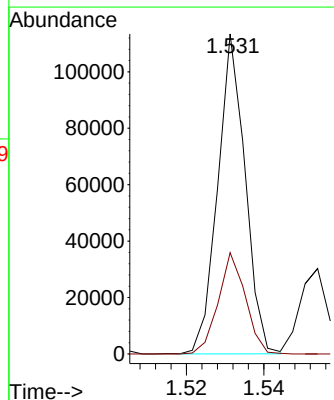
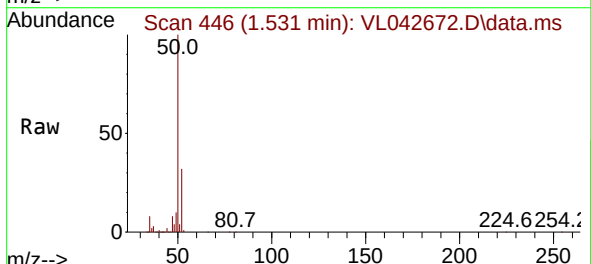
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ClientSampleId :
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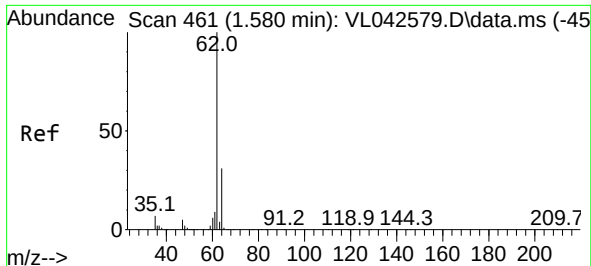
Tgt Ion: 51 Resp: 182823
Ion Ratio Lower Upper
51 100
67 17.4 13.4 20.2



#4
Chloromethane
Concen: 10.723 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 50 Resp: 55814
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.6

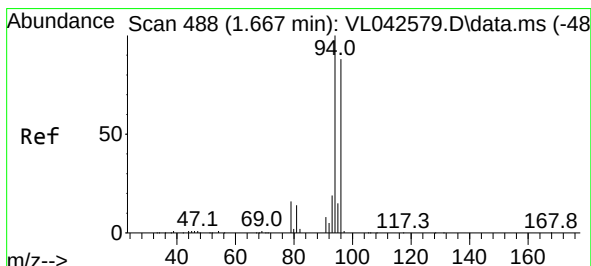
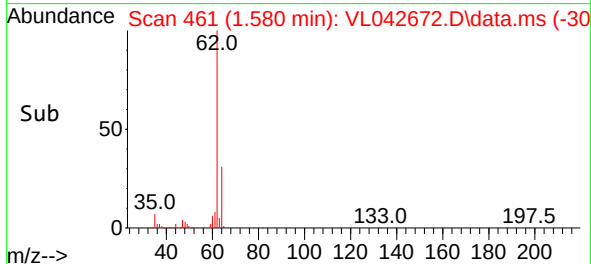
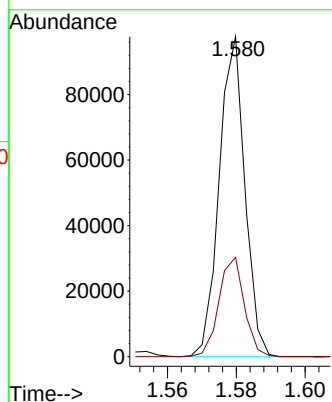
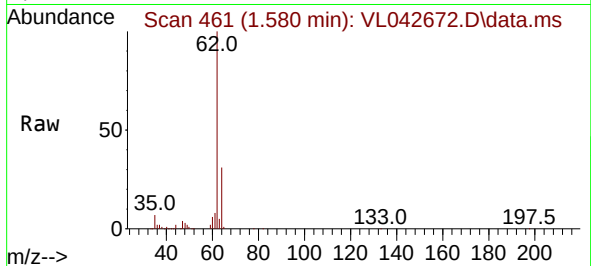




#5
 Vinyl Chloride
 Concen: 9.541 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

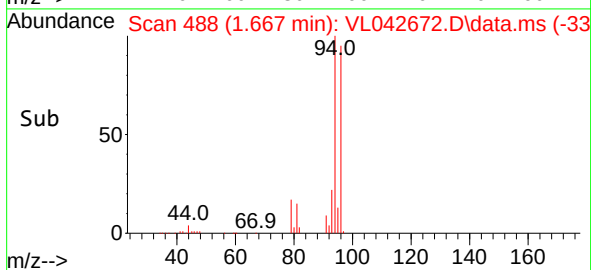
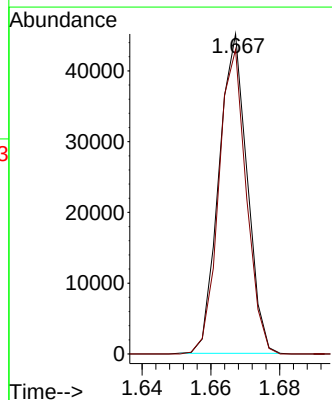
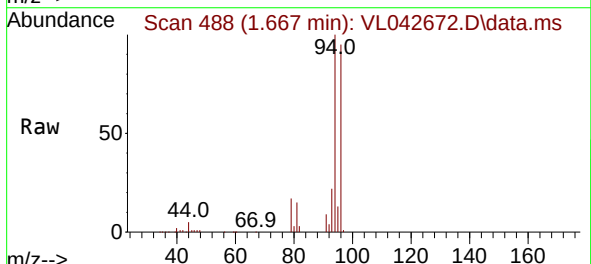
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 MSVOA_1
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 VL0627ABS01

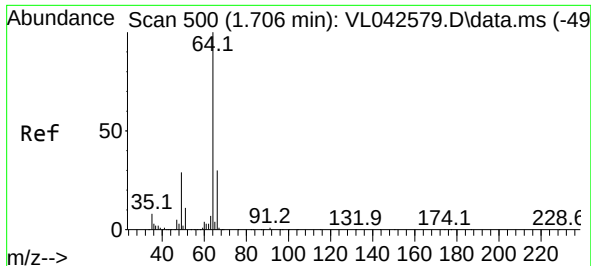
Tgt Ion: 62 Resp: 50592
 Ion Ratio Lower Upper
 62 100
 64 31.0 24.9 37.3



#6
 Bromomethane
 Concen: 9.953 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

Tgt Ion: 94 Resp: 25688
 Ion Ratio Lower Upper
 94 100
 96 95.4 70.7 106.1

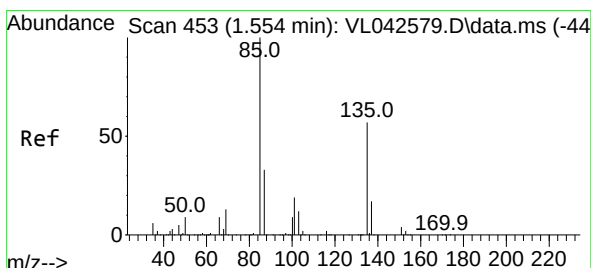
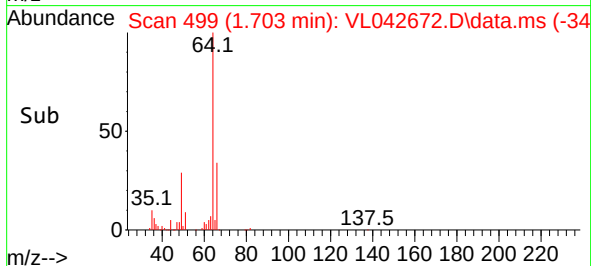
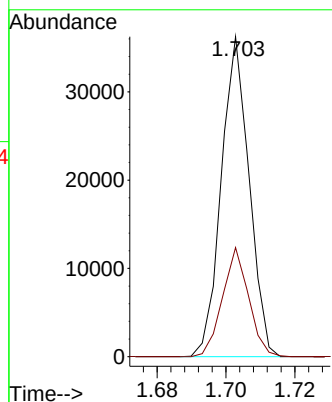
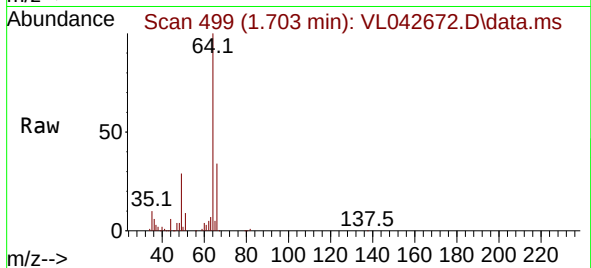




#7
Chloroethane
Concen: 9.880 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

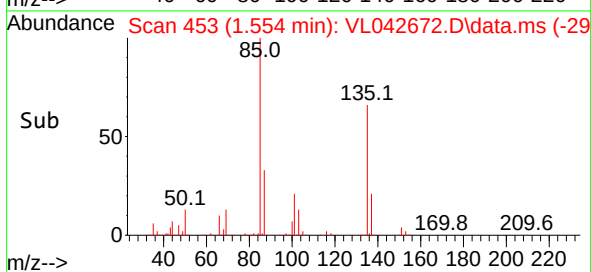
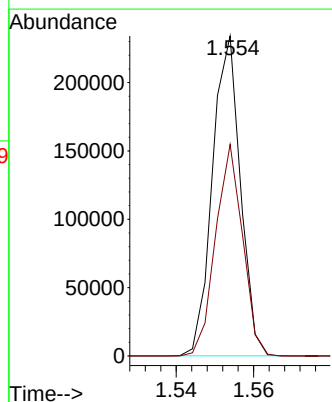
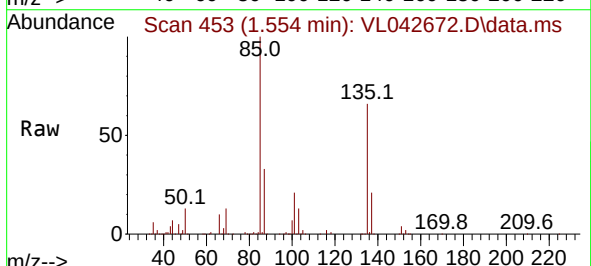
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ClientSampleId :
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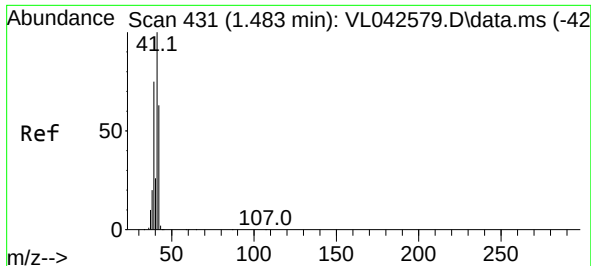
Tgt Ion: 64 Resp: 20355
Ion Ratio Lower Upper
64 100
66 34.1 24.3 36.5



#8
Dichlorotetrafluoroethane
Concen: 10.697 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 85 Resp: 117162
Ion Ratio Lower Upper
85 100
135 64.1 50.2 75.4





#9

Propene

Concen: 9.427 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

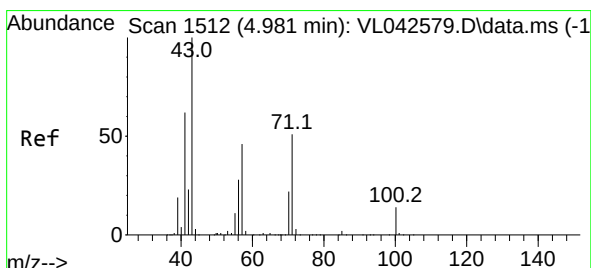
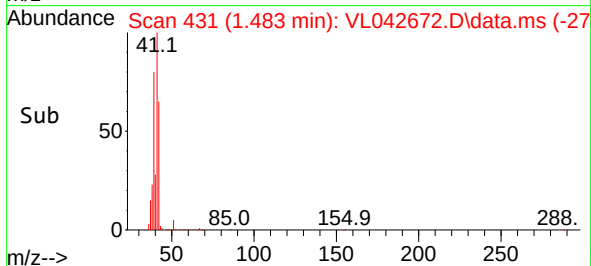
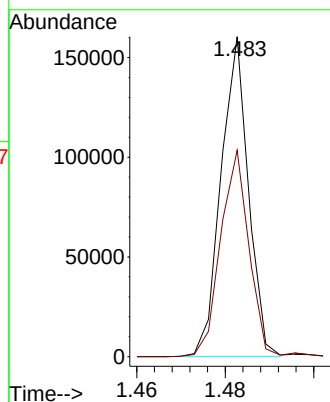
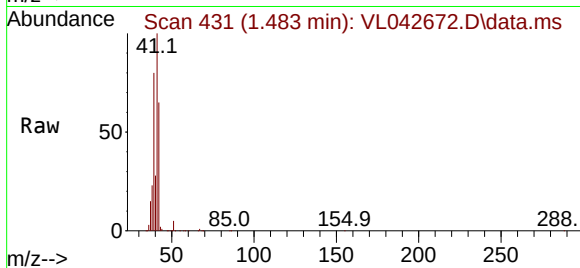
VL0627ABS01

Tgt Ion: 41 Resp: 68729

Ion Ratio Lower Upper

41 100

42 68.1 53.3 79.9



#10

Heptane

Concen: 9.747 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. -0.010 min

Lab File: VL042672.D

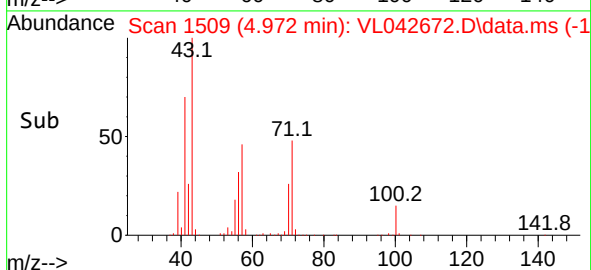
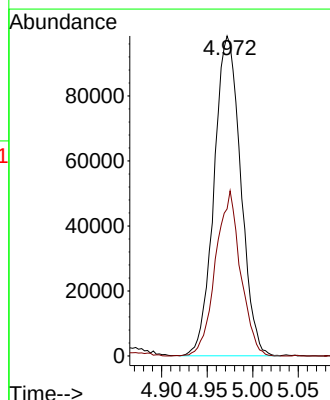
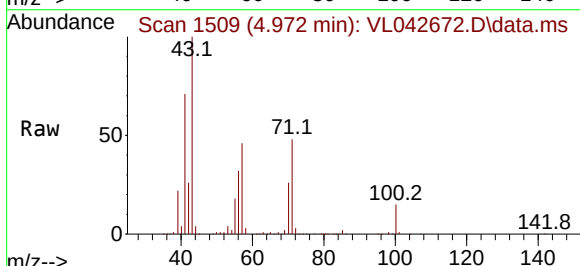
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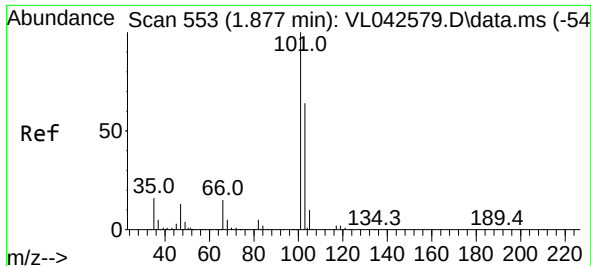
Tgt Ion: 43 Resp: 200294

Ion Ratio Lower Upper

43 100

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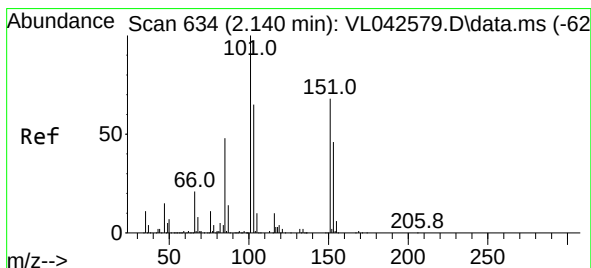
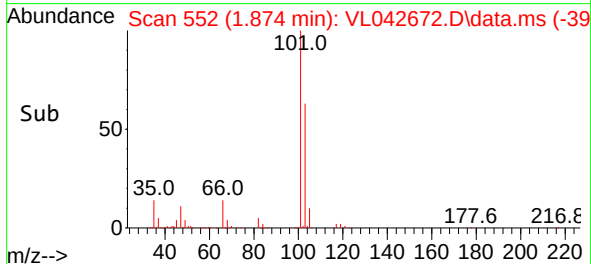
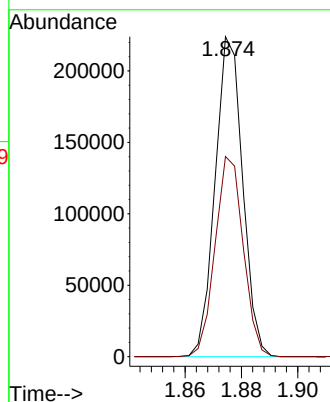
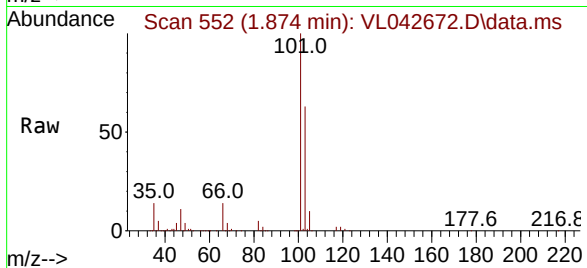




#11
 Trichlorofluoromethane
 Concen: 12.434 ppbv
 RT: 1.874 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

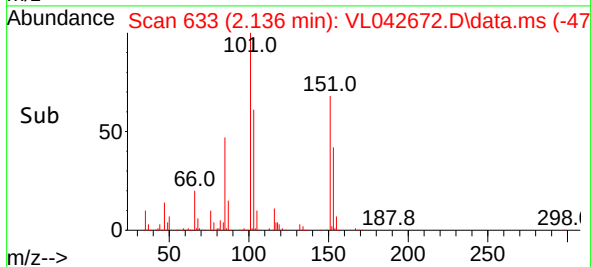
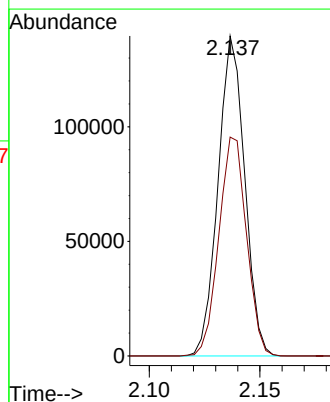
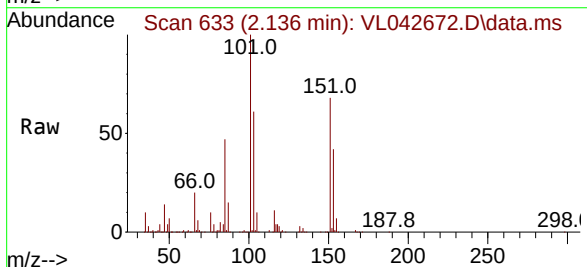
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01

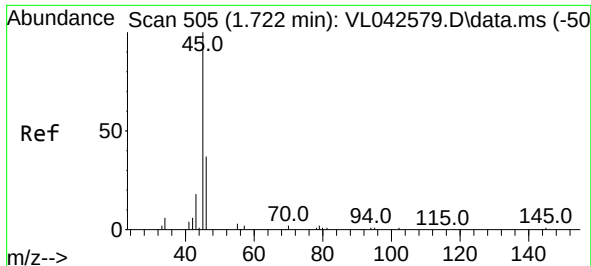
Tgt Ion:101 Resp: 152075
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.169 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.003 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

Tgt Ion:101 Resp: 116870
 Ion Ratio Lower Upper
 101 100
 151 71.1 55.3 82.9

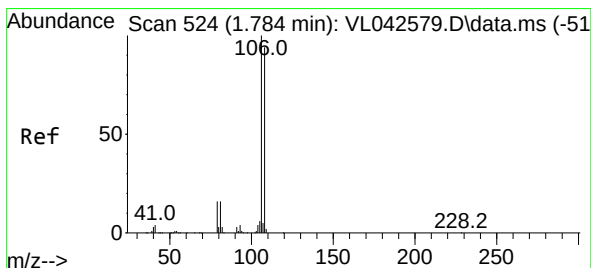
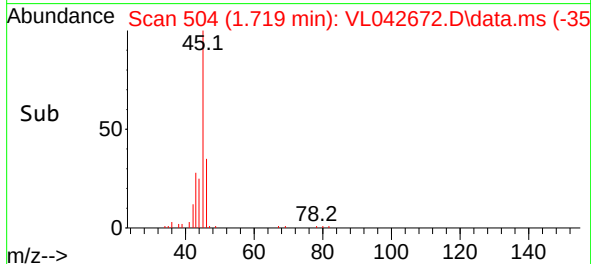
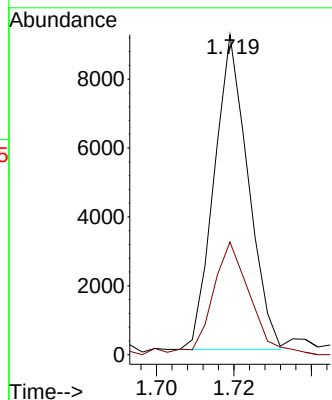
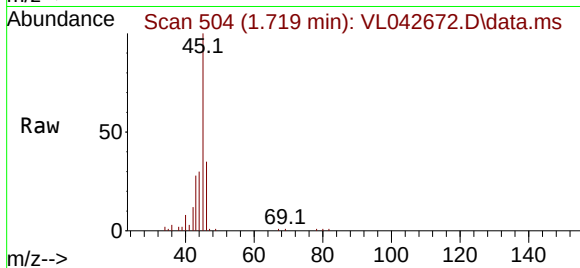




#13
Ethanol
Concen: 6.407 ppbv
RT: 1.719 min Scan# 505
Delta R.T. -0.003 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

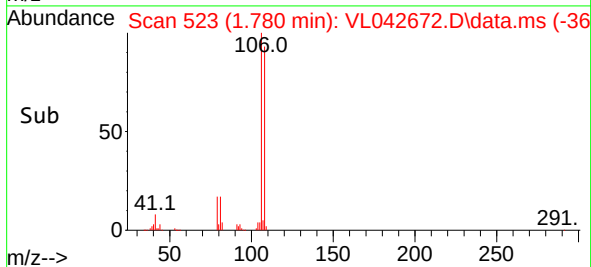
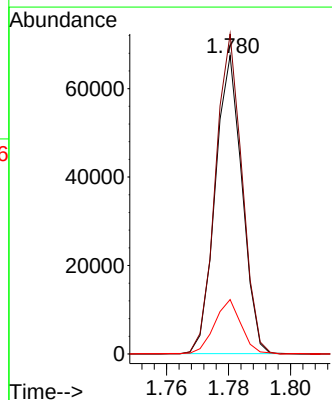
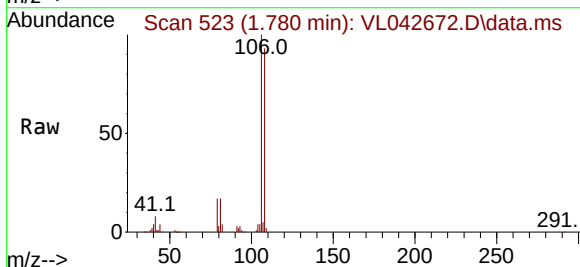
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

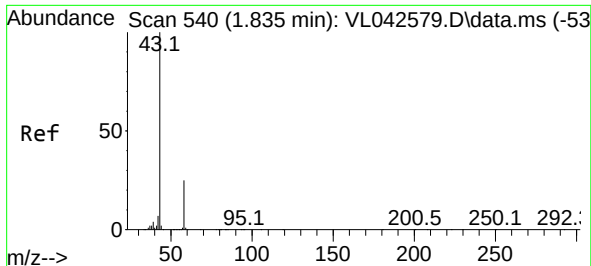
Tgt Ion: 45 Resp: 5567
Ion Ratio Lower Upper
45 100
46 40.1 14.5 58.1



#14
Bromoethene
Concen: 11.214 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion:108 Resp: 40511
Ion Ratio Lower Upper
108 100
106 106.3 87.9 131.9
79 18.5 15.6 23.4

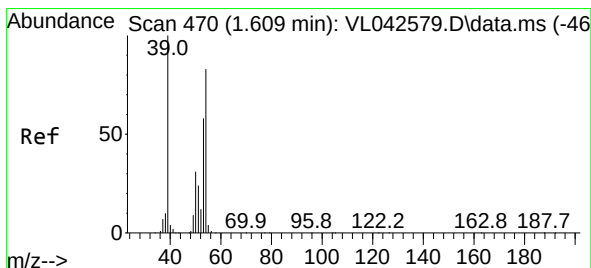
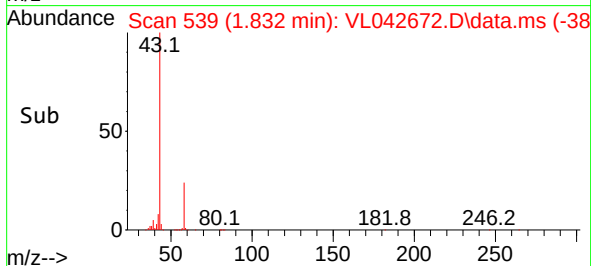
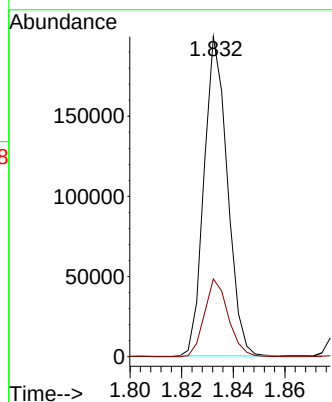
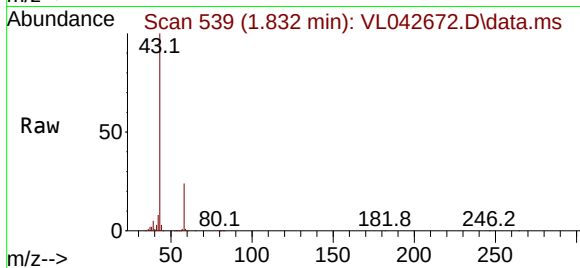




#15
Acetone
Concen: 9.702 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

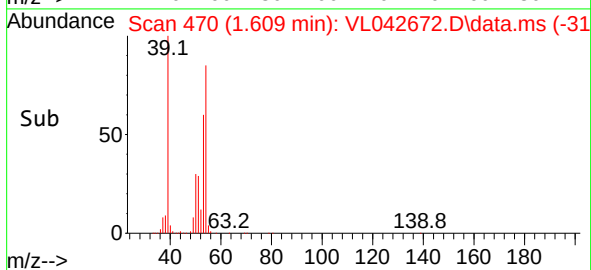
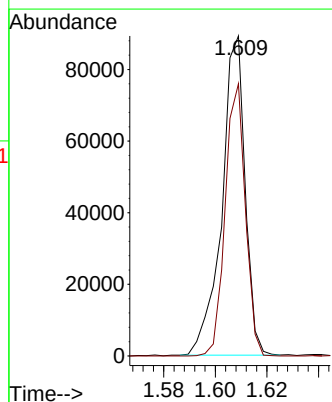
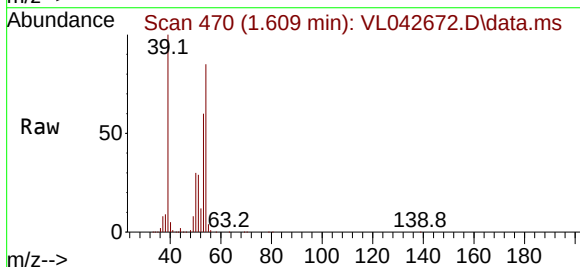
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

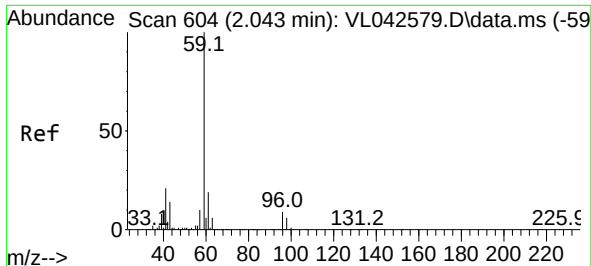
Tgt Ion: 43 Resp: 124984
Ion Ratio Lower Upper
43 100
58 24.9 21.0 31.4



#16
1,3-Butadiene
Concen: 9.163 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 39 Resp: 55918
Ion Ratio Lower Upper
39 100
54 73.5 57.9 86.9





#17

tert-Butyl alcohol

Concen: 10.476 ppbv

RT: 2.036 min Scan# 601

Delta R.T. -0.006 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

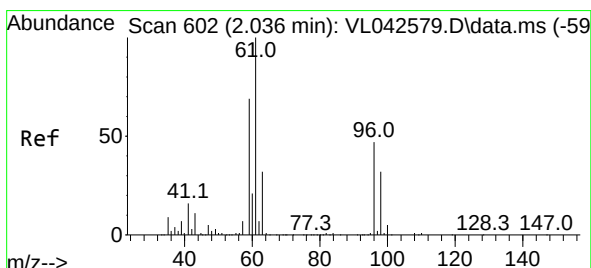
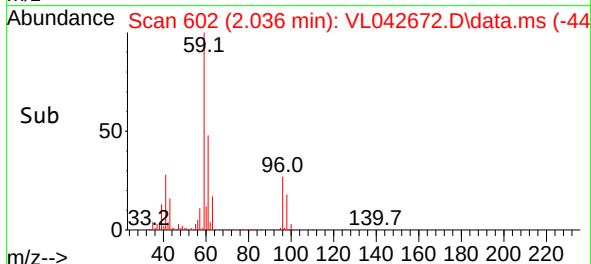
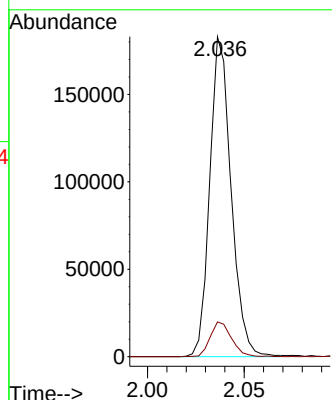
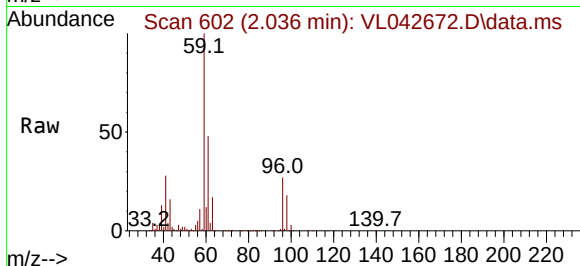
VL0627ABS01

Tgt Ion: 59 Resp: 140591

Ion Ratio Lower Upper

59 100

57 10.9 8.6 12.8



#18

1,1-Dichloroethene

Concen: 11.078 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

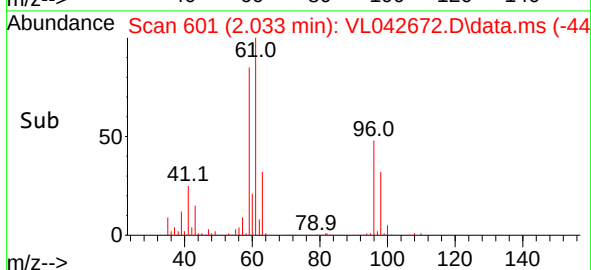
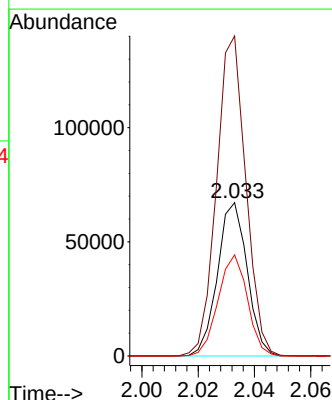
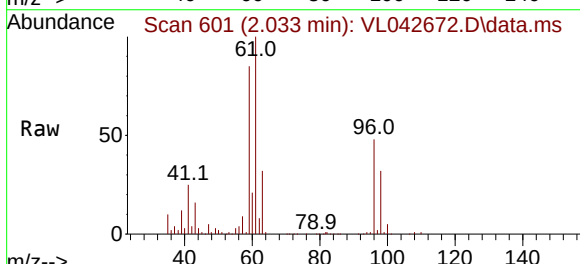
Tgt Ion: 96 Resp: 49315

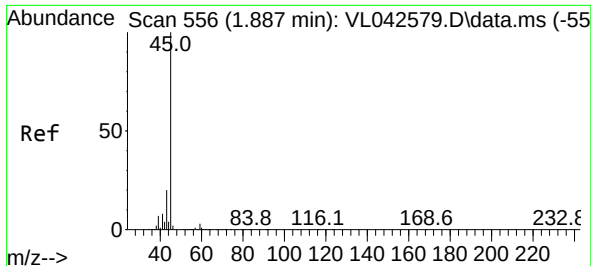
Ion Ratio Lower Upper

96 100

61 208.5 171.1 256.7

98 66.0 54.4 81.6

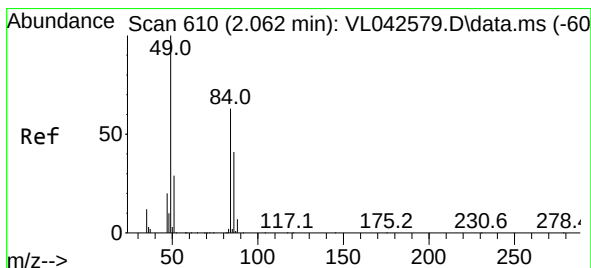
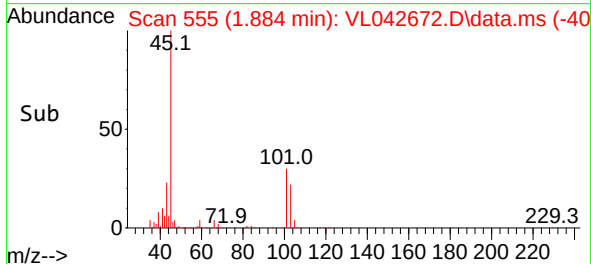
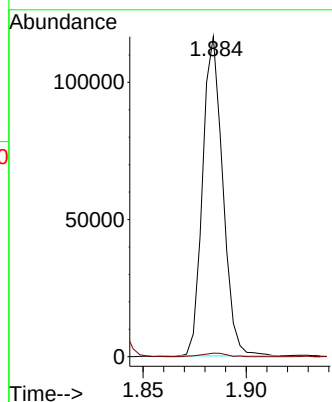
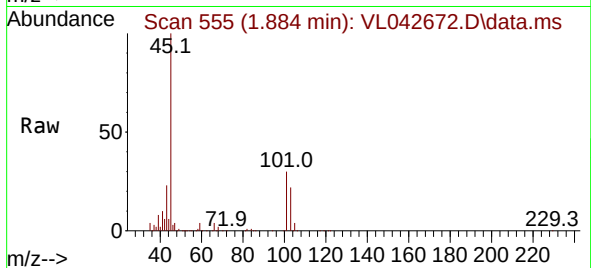




#19
Isopropyl Alcohol
Concen: 10.267 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

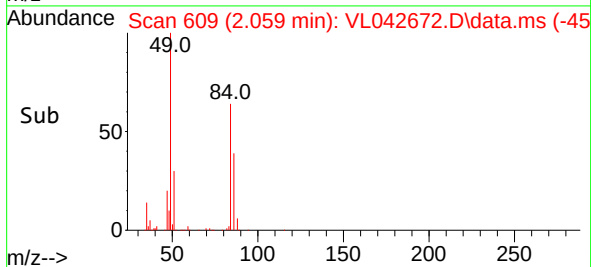
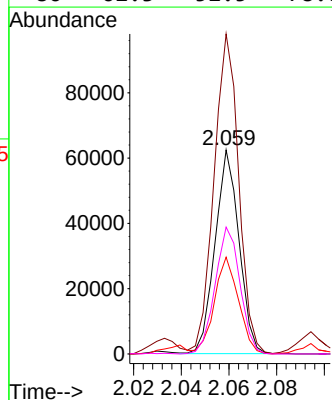
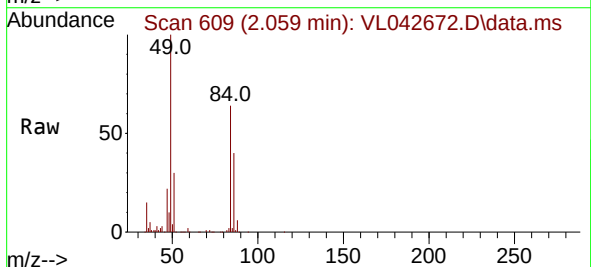
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

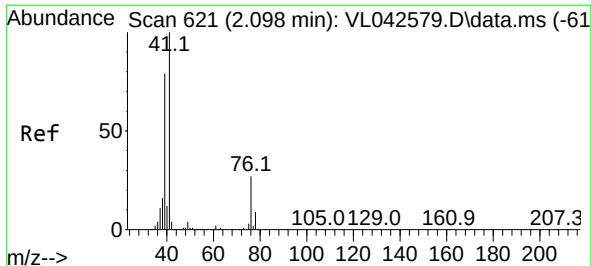
Tgt Ion: 45 Resp: 79068
Ion Ratio Lower Upper
45 100
58 39.4 29.4 44.2



#20
Methylene Chloride
Concen: 10.259 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 84 Resp: 43613
Ion Ratio Lower Upper
84 100
49 156.3 128.8 193.2
51 47.2 38.6 57.8
86 62.3 52.5 78.7





#21

Allyl Chloride

Concen: 10.437 ppbv

RT: 2.094 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

VL0627ABS01

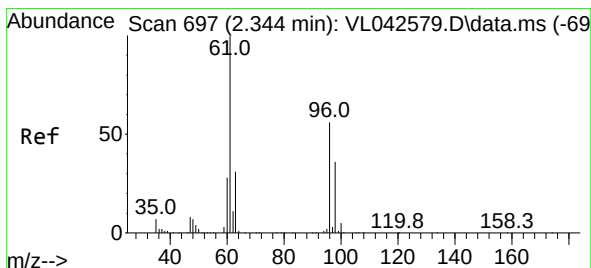
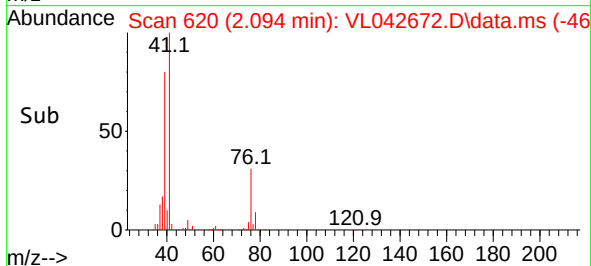
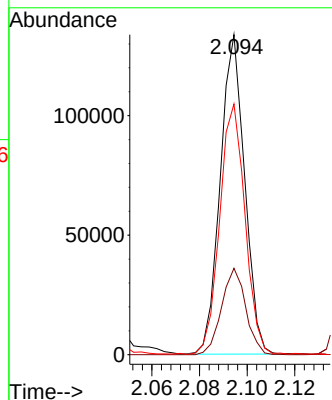
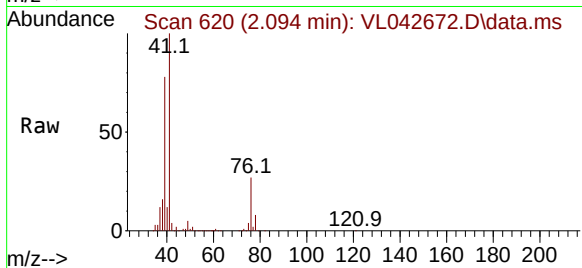
Tgt Ion: 41 Resp: 94866

Ion Ratio Lower Upper

41 100

76 26.8 21.2 31.8

39 81.2 60.9 91.3



#22

trans-1,2-Dichloroethene

Concen: 11.529 ppbv

RT: 2.337 min Scan# 695

Delta R.T. -0.006 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

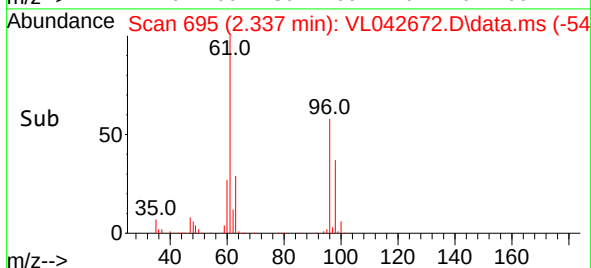
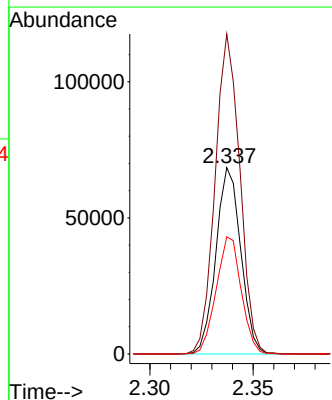
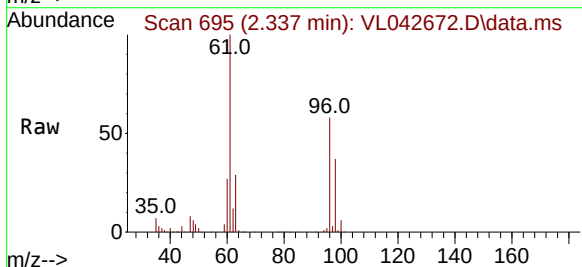
Tgt Ion: 96 Resp: 57326

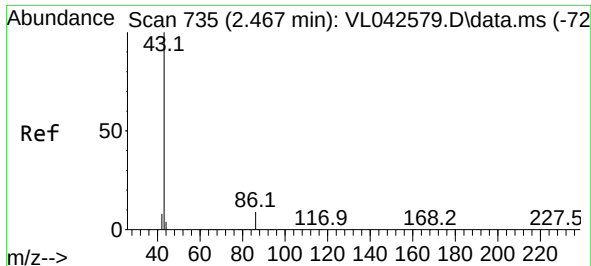
Ion Ratio Lower Upper

96 100

61 171.7 142.6 214.0

98 62.8 51.0 76.4

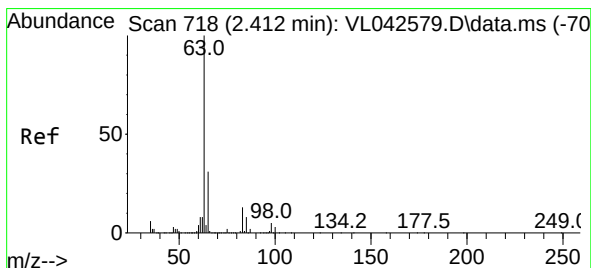
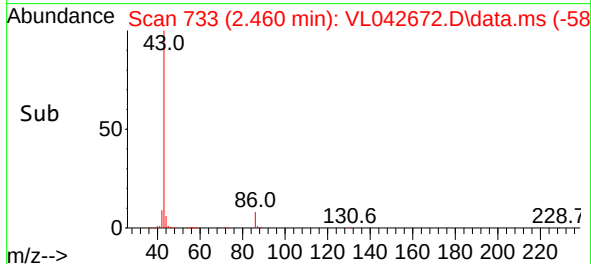
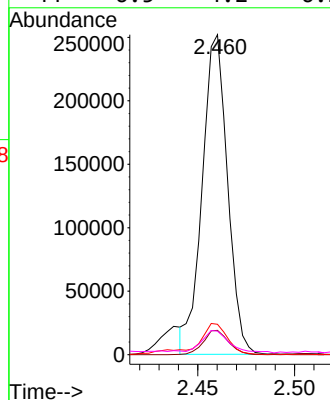
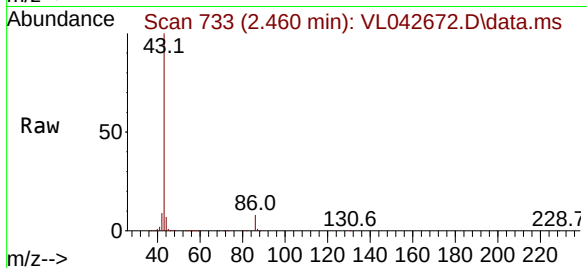




#23
 Vinyl Acetate
 Concen: 13.153 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. -0.006 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

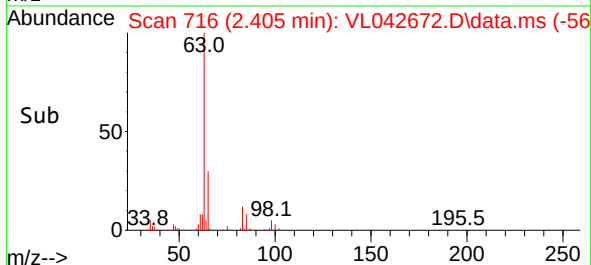
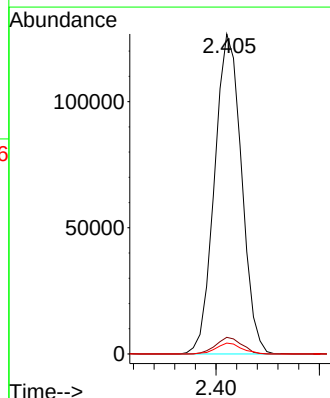
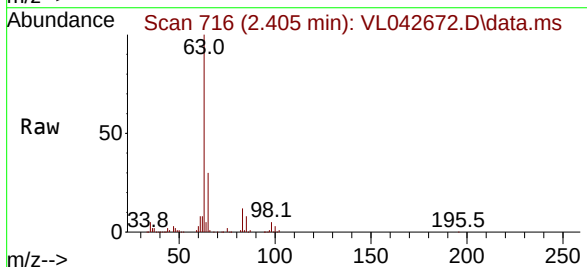
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01

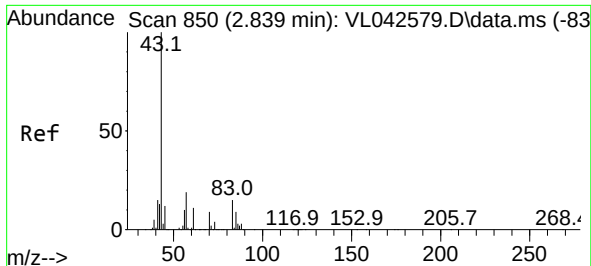
Tgt Ion:	43	Resp:	229055
Ion	Ratio	Lower	Upper
43	100		
86	7.6	6.6	9.8
42	9.4	7.0	10.4
44	6.5	4.2	6.2



#24
 1,1-Dichloroethane
 Concen: 11.266 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.006 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

Tgt Ion:	63	Resp:	115251
Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.4	7.1
100	3.4	1.4	4.0





#25

Ethyl Acetate

Concen: 10.235 ppbv

RT: 2.829 min Scan# 847

Delta R.T. -0.010 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

VL0627ABS01

Tgt Ion: 43 Resp: 360851

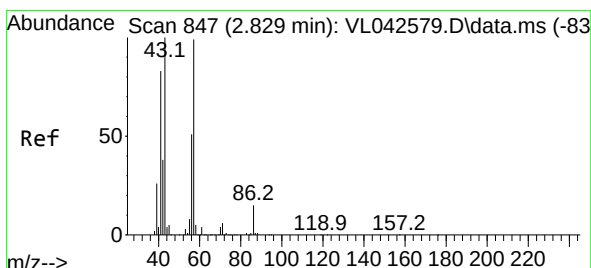
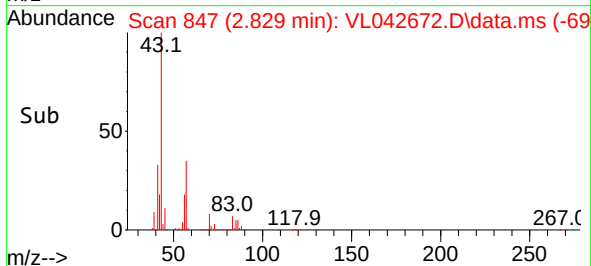
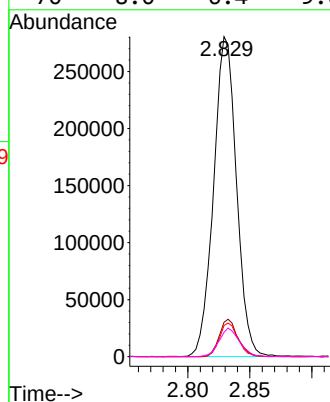
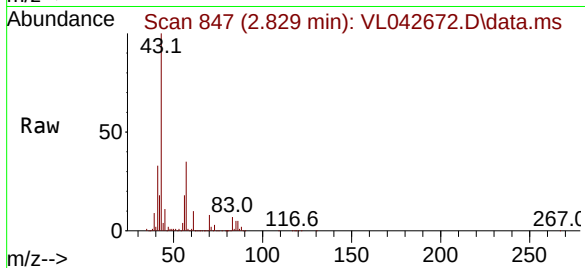
Ion Ratio Lower Upper

43 100

45 9.6 8.2 12.2

61 8.7 7.1 10.7

70 8.0 6.4 9.6



#26

Hexane

Concen: 9.630 ppbv

RT: 2.823 min Scan# 845

Delta R.T. -0.006 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Tgt Ion: 57 Resp: 154267

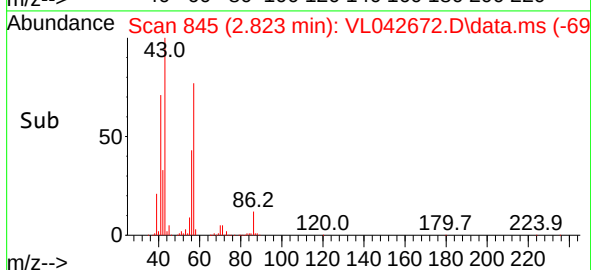
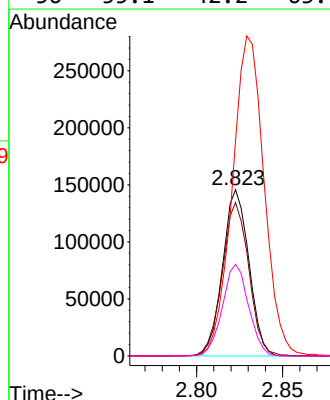
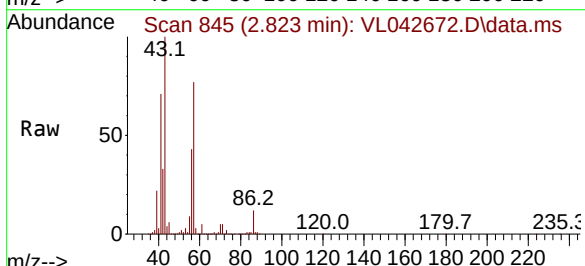
Ion Ratio Lower Upper

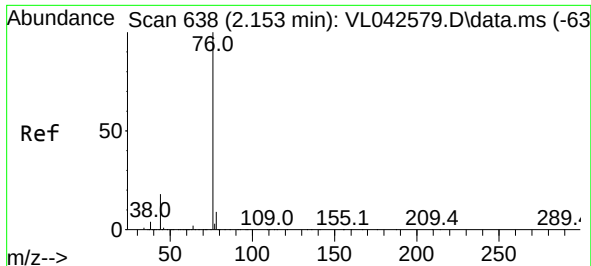
57 100

41 94.4 70.6 106.0

43 235.2 181.1 271.7

56 55.1 42.2 63.4

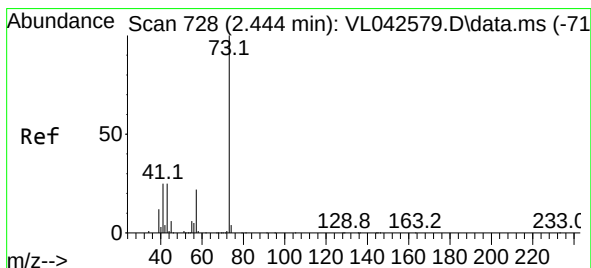
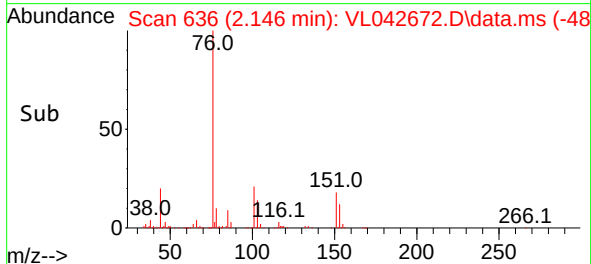
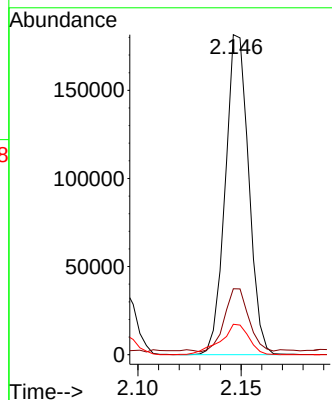
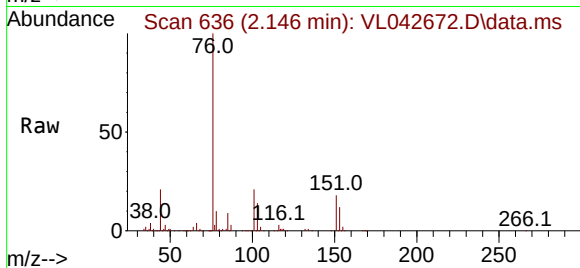




#27
Carbon Disulfide
Concen: 11.610 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

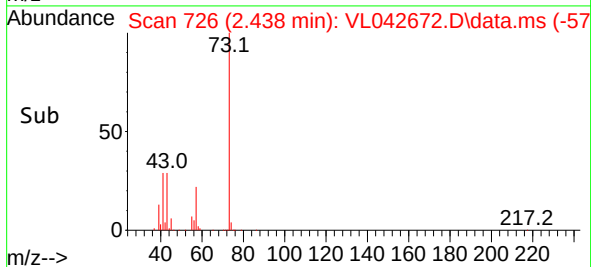
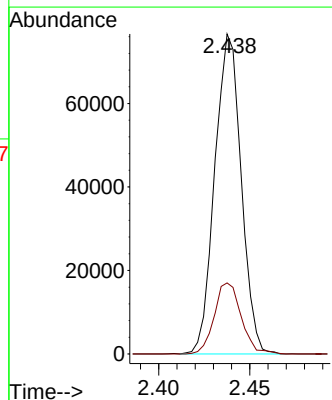
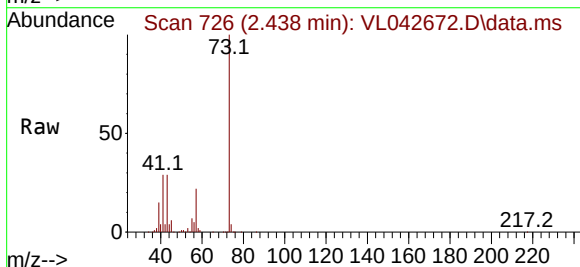
Instrument :
MSVOA_1
ClientSampleId :
VL0627ABS01

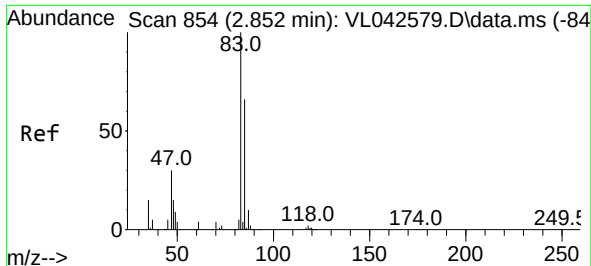
Tgt Ion: 76 Resp: 142775
Ion Ratio Lower Upper
76 100
44 22.0 21.3 31.9
78 11.5 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 11.874 ppbv
RT: 2.438 min Scan# 726
Delta R.T. -0.006 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 73 Resp: 77186
Ion Ratio Lower Upper
73 100
57 22.6 19.9 29.9





#29

Chloroform

Concen: 11.038 ppbv

RT: 2.845 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

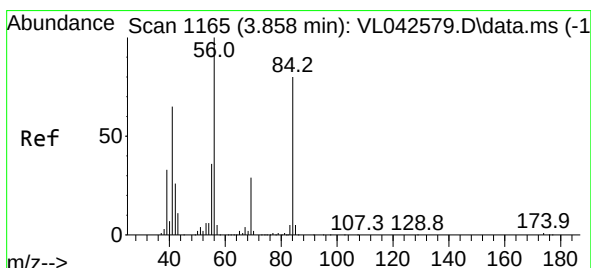
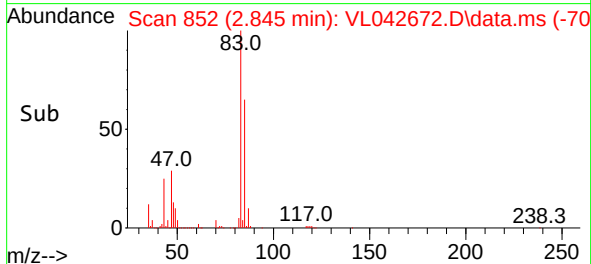
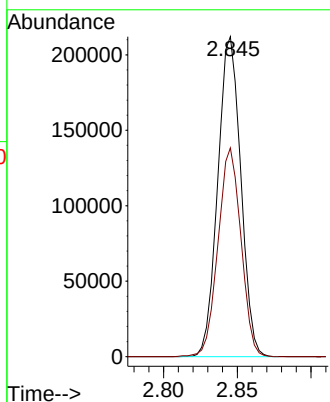
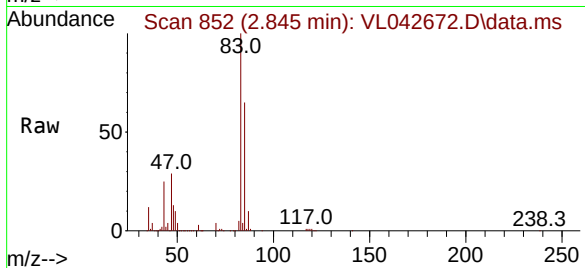
VL0627ABS01

Tgt Ion: 83 Resp: 229951

Ion Ratio Lower Upper

83 100

85 65.2 52.8 79.2



#30

Cyclohexane

Concen: 9.260 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.006 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

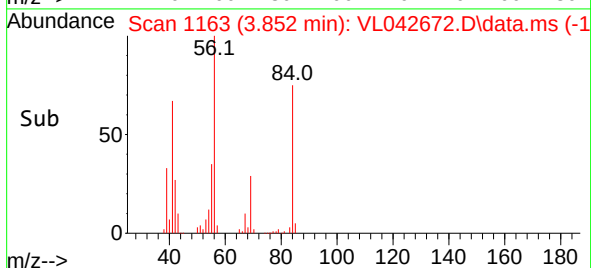
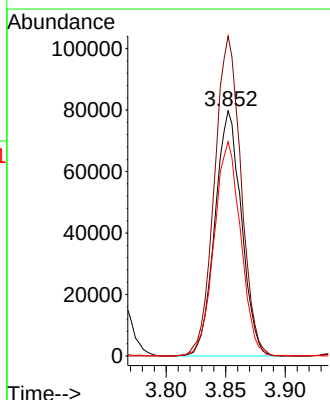
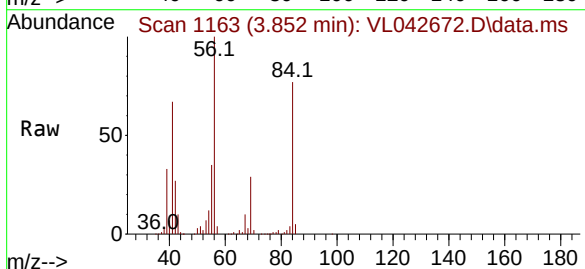
Tgt Ion: 84 Resp: 122977

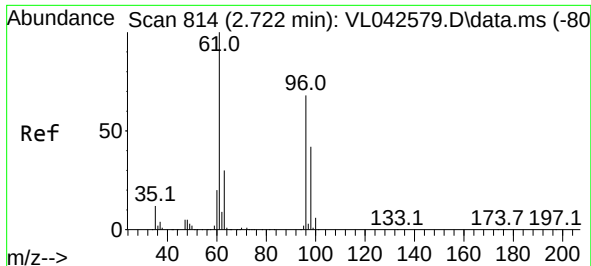
Ion Ratio Lower Upper

84 100

56 131.0 103.7 155.5

41 87.7 65.1 97.7

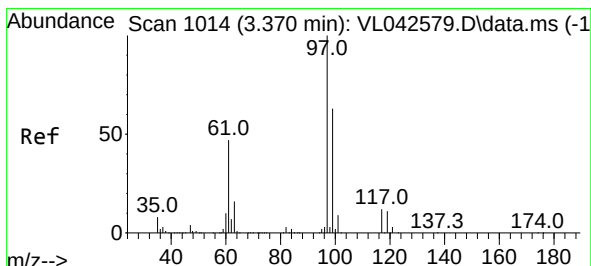
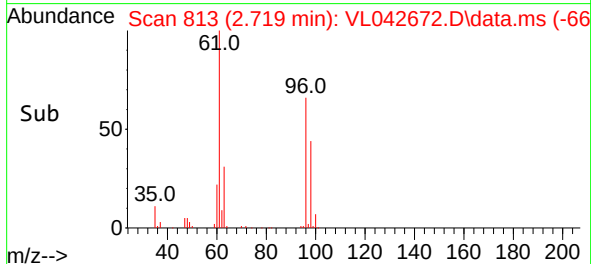
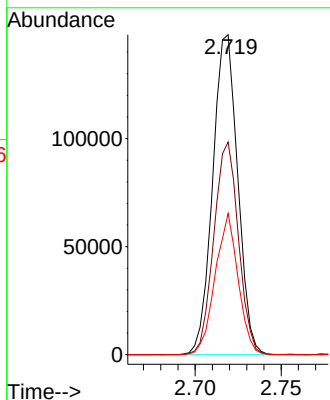
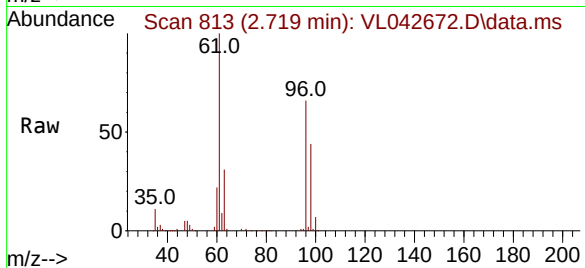




#31
 cis-1,2-Dichloroethene
 Concen: 10.227 ppbv
 RT: 2.719 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

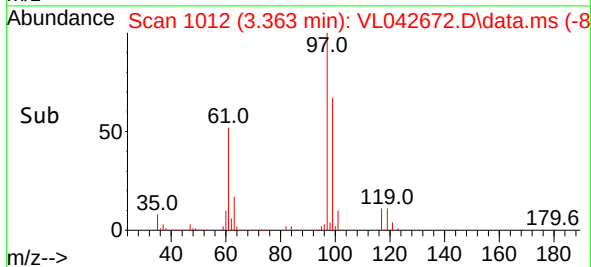
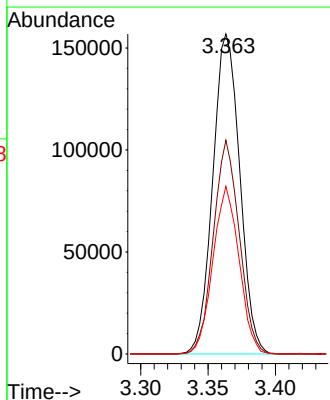
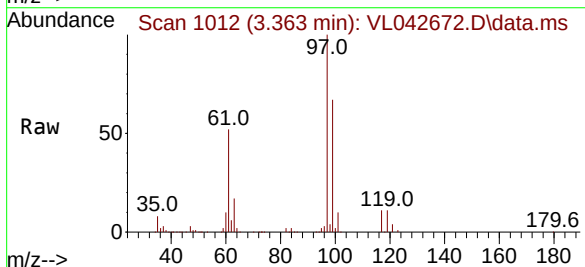
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01

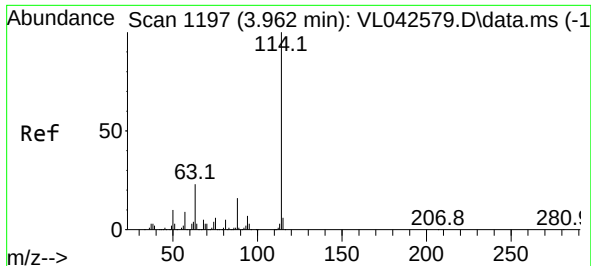
Tgt Ion: 61 Resp: 149858
 Ion Ratio Lower Upper
 61 100
 96 66.5 54.5 81.7
 98 44.2 33.4 50.2



#32
 1,1,1-Trichloroethane
 Concen: 10.281 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.006 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

Tgt Ion: 97 Resp: 218827
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.0 76.6
 61 50.7 39.4 59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.010 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

VL0627ABS01

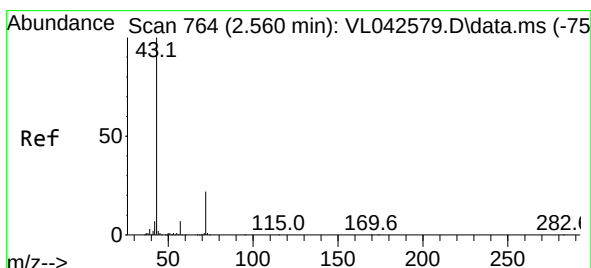
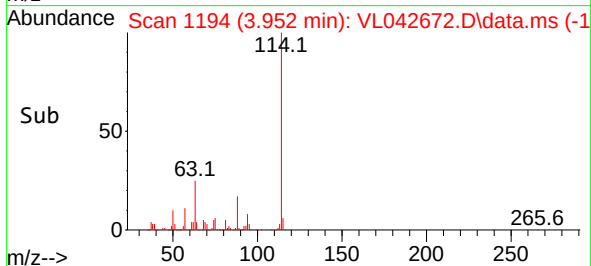
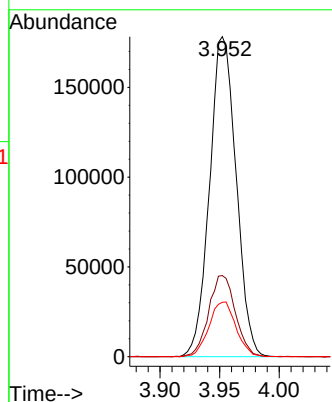
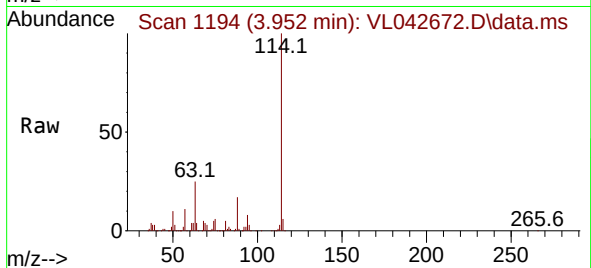
Tgt Ion:114 Resp: 276501

Ion Ratio Lower Upper

114 100

63 25.6 19.0 28.6

88 17.4 13.6 20.4



#34

2-Butanone

Concen: 11.838 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.006 min

Lab File: VL042672.D

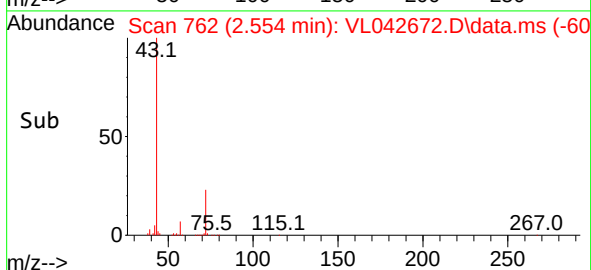
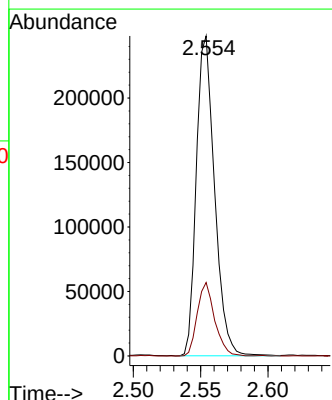
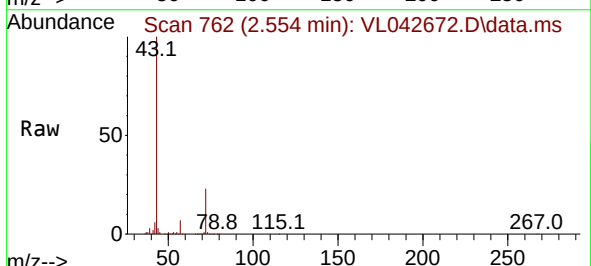
Acq: 27 Jun 2025 10:01

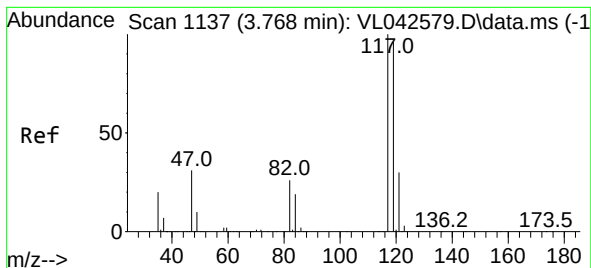
Tgt Ion: 43 Resp: 233430

Ion Ratio Lower Upper

43 100

72 22.1 17.7 26.5





#35

Carbon Tetrachloride

Concen: 12.132 ppbv

RT: 3.758 min Scan# 1137

Delta R.T. -0.010 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

VL0627ABS01

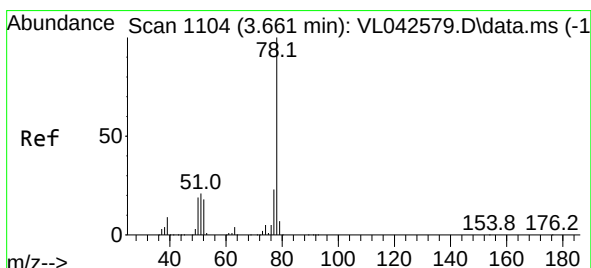
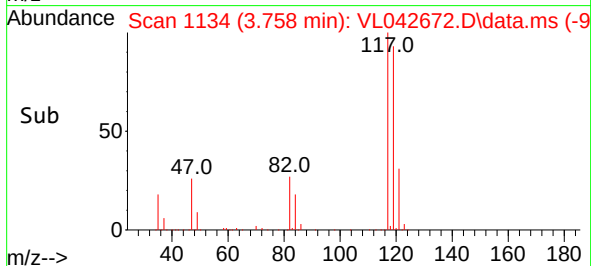
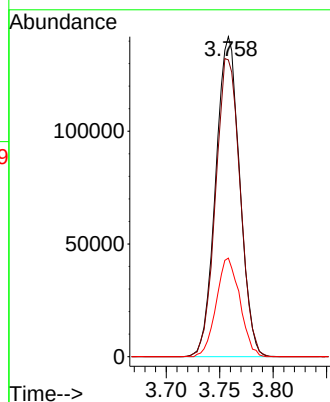
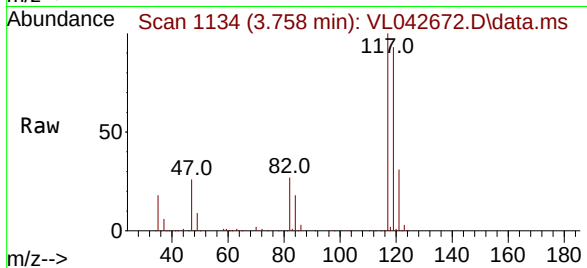
Tgt Ion:117 Resp: 221442

Ion Ratio Lower Upper

117 100

119 92.7 76.8 115.2

121 30.8 24.3 36.5



#36

Benzene

Concen: 11.182 ppbv

RT: 3.651 min Scan# 1101

Delta R.T. -0.010 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

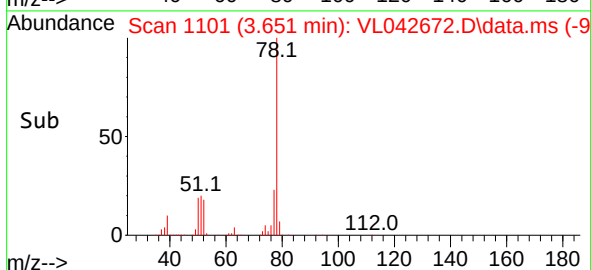
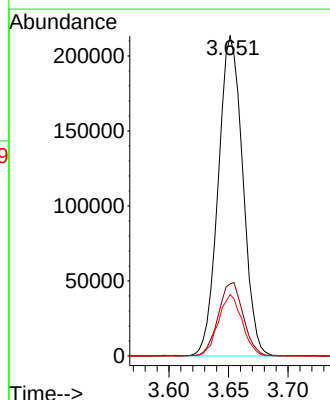
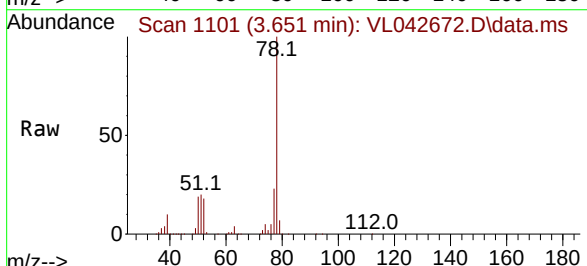
Tgt Ion: 78 Resp: 304476

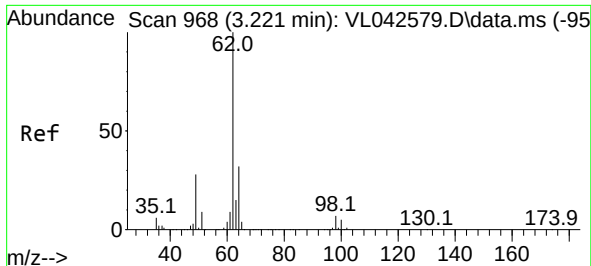
Ion Ratio Lower Upper

78 100

77 22.5 18.2 27.2

50 19.2 15.2 22.8

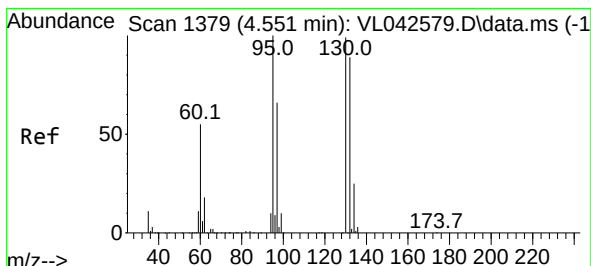
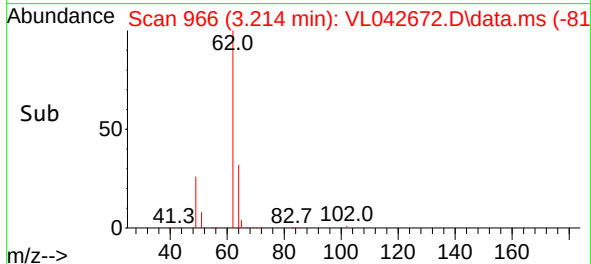
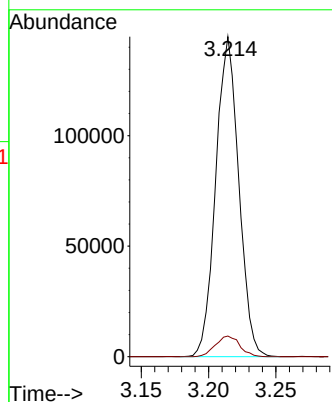
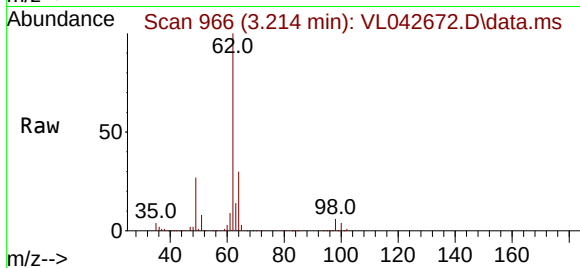




#37
1,2-Dichloroethane
Concen: 12.711 ppbv
RT: 3.214 min Scan# 966
Delta R.T. -0.006 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

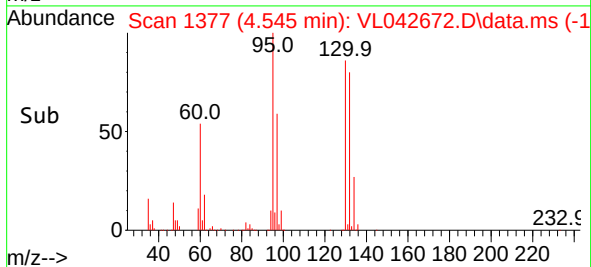
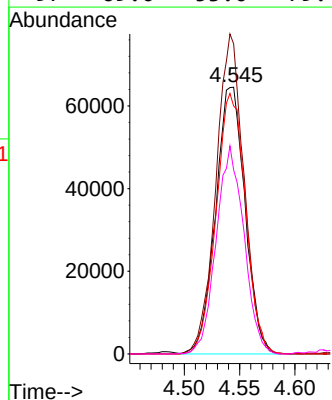
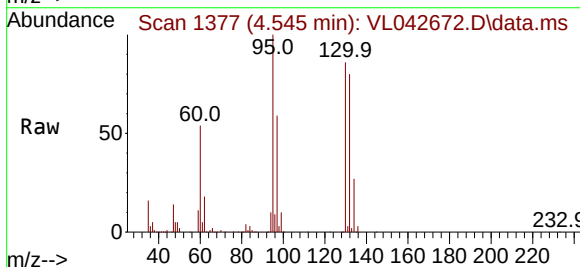
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

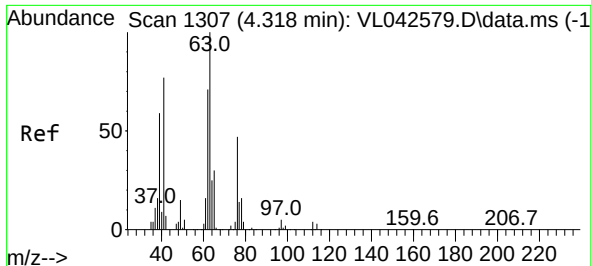
Tgt Ion: 62 Resp: 172012
Ion Ratio Lower Upper
62 100
98 6.8 6.1 9.1



#38
Trichloroethene
Concen: 10.333 ppbv
RT: 4.545 min Scan# 1377
Delta R.T. -0.006 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion:130 Resp: 119585
Ion Ratio Lower Upper
130 100
95 116.3 80.6 121.0
132 93.0 71.8 107.6
97 69.0 53.0 79.4





#39

1,2-Dichloropropane

Concen: 11.268 ppbv

RT: 4.308 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

VL0627ABS01

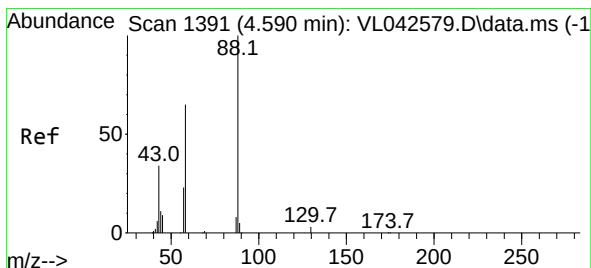
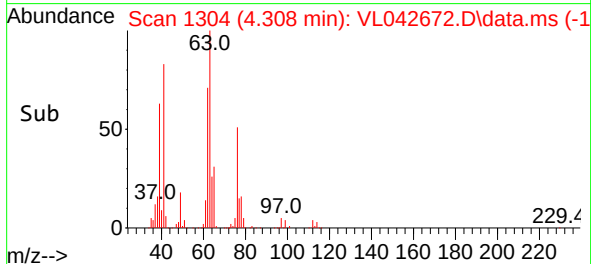
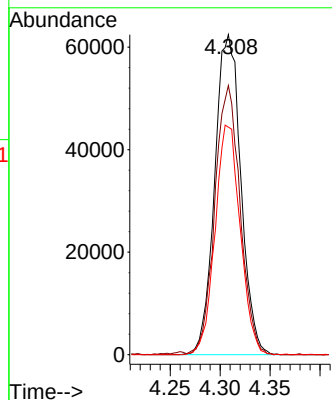
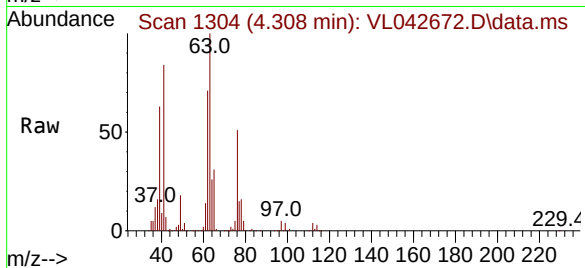
Tgt Ion: 63 Resp: 113456

Ion Ratio Lower Upper

63 100

41 84.1 61.8 92.6

62 71.1 56.6 85.0



#40

1,4-Dioxane

Concen: 11.353 ppbv

RT: 4.574 min Scan# 1386

Delta R.T. -0.016 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Tgt Ion: 88 Resp: 51153

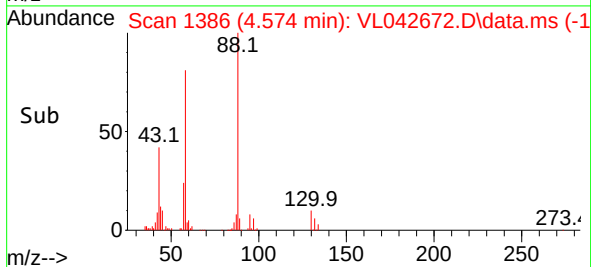
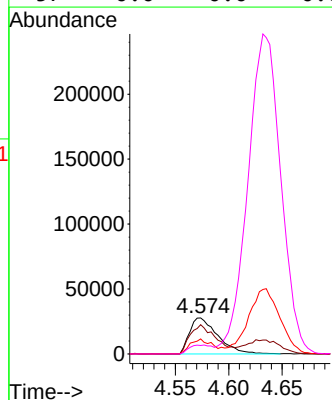
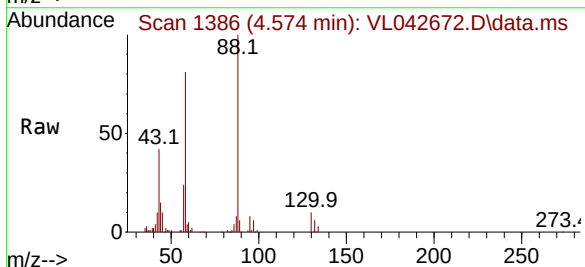
Ion Ratio Lower Upper

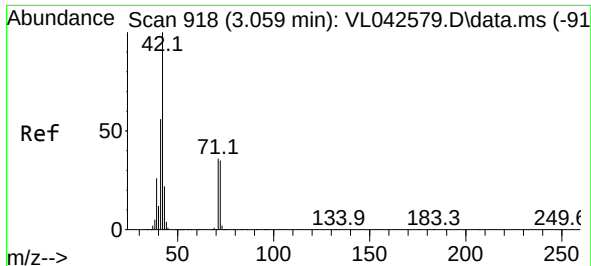
88 100

58 73.8 55.8 83.8

43 33.7 24.8 37.2

57 0.0 0.0 0.0

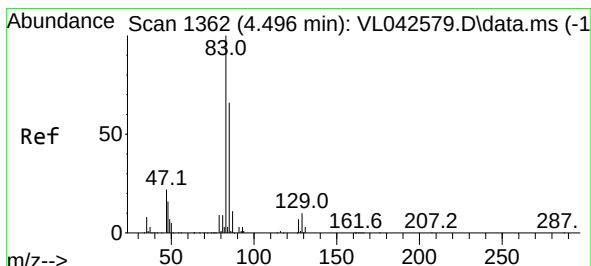
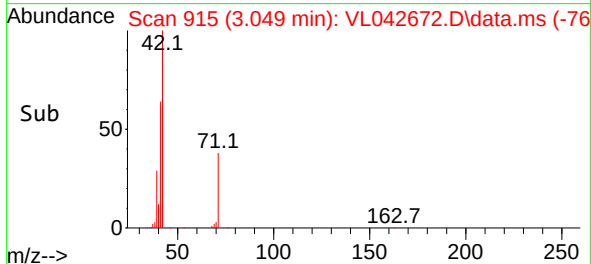
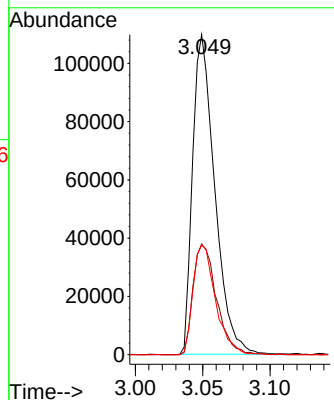
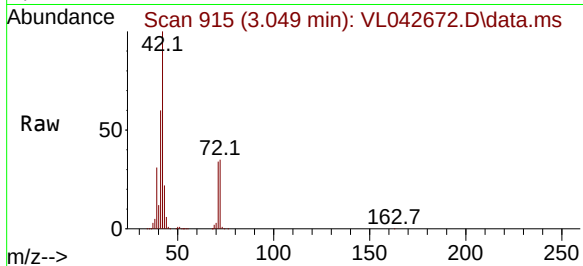




#41
Tetrahydrofuran
Concen: 10.881 ppbv
RT: 3.049 min Scan# 918
Delta R.T. -0.010 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

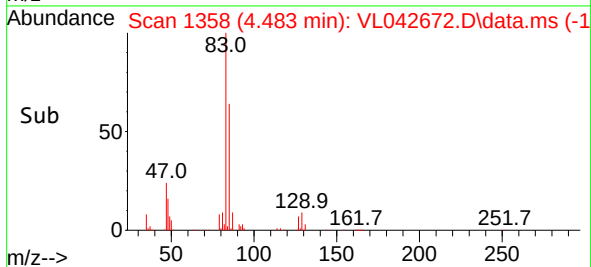
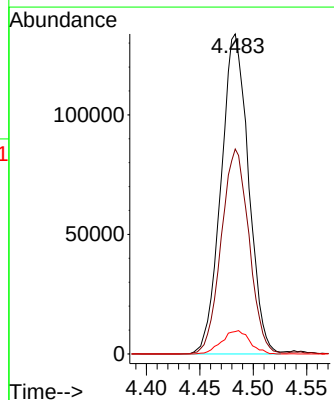
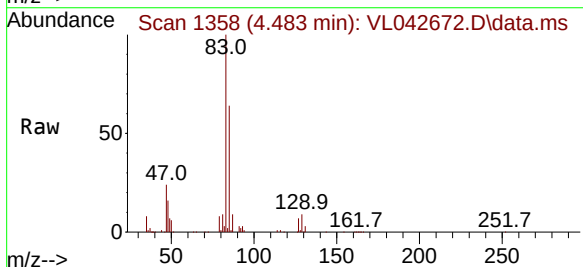
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

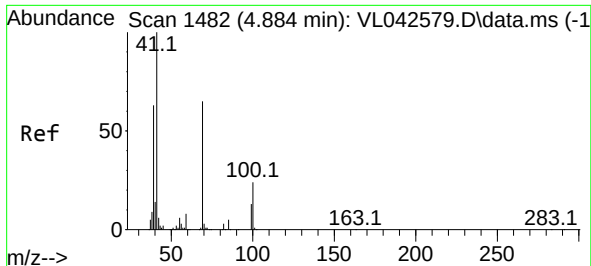
Tgt Ion:	42	Resp:	125597
Ion	Ratio	Lower	Upper
42	100		
72	36.6	28.9	43.3
71	34.8	28.5	42.7



#42
Bromodichloromethane
Concen: 12.472 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. -0.013 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion:	83	Resp:	239716
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.7	79.1
127	7.0	5.8	8.6

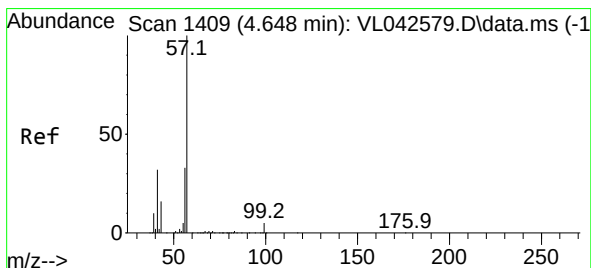
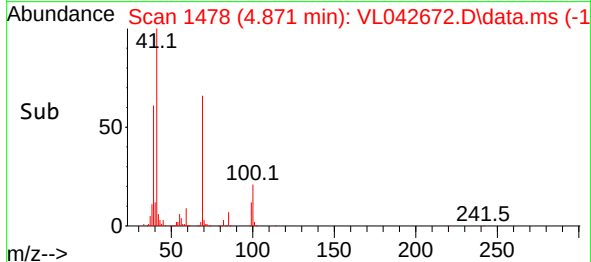
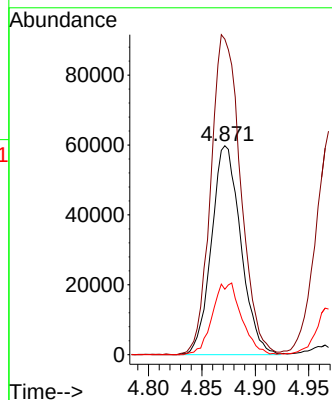
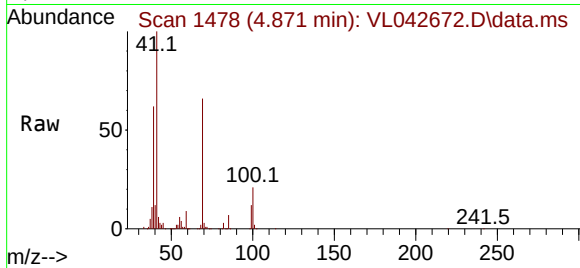




#43
Methyl Methacrylate
Concen: 10.799 ppbv
RT: 4.871 min Scan# 1482
Delta R.T. -0.013 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

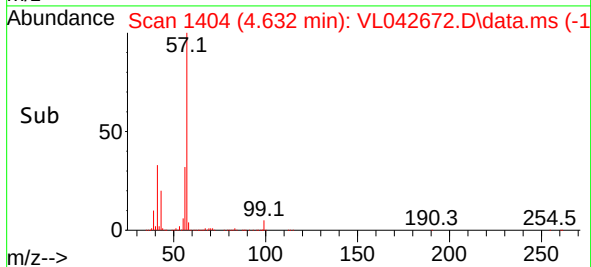
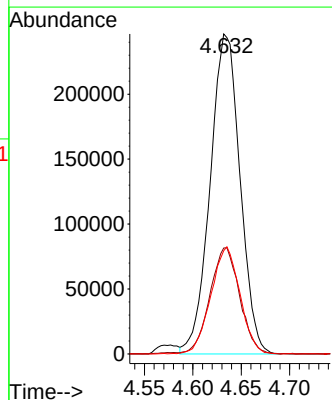
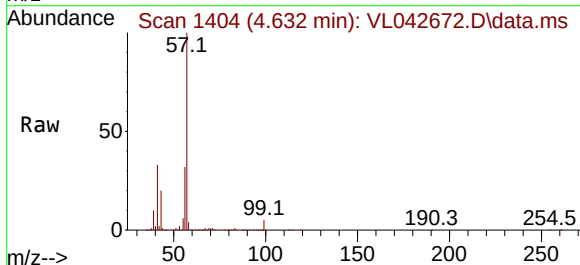
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

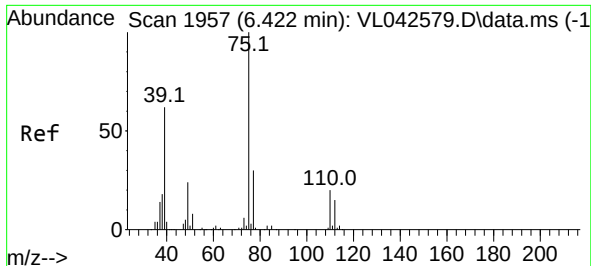
Tgt Ion: 69 Resp: 114121
Ion Ratio Lower Upper
69 100
41 155.6 124.6 187.0
100 34.3 29.9 44.9



#44
2,2,4-Trimethylpentane
Concen: 11.374 ppbv
RT: 4.632 min Scan# 1404
Delta R.T. -0.016 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 57 Resp: 529719
Ion Ratio Lower Upper
57 100
41 33.2 26.1 39.1
56 32.6 25.9 38.9

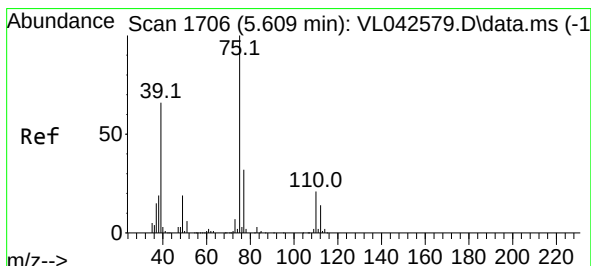
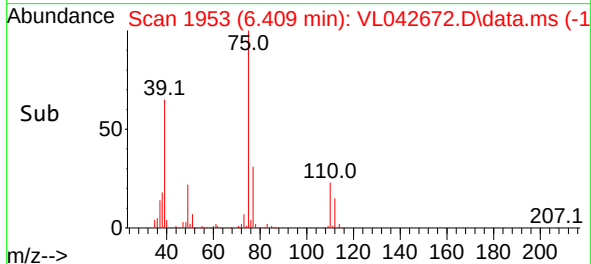
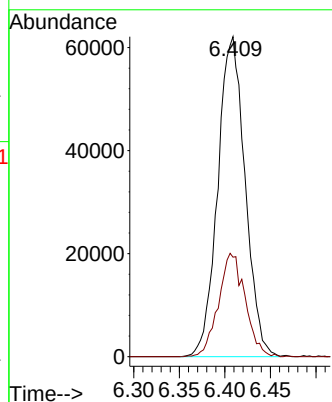
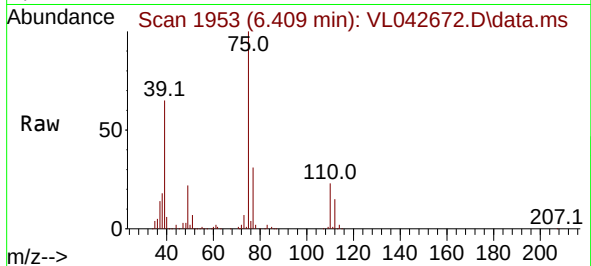




#45
t-1,3-Dichloropropene
Concen: 10.737 ppbv
RT: 6.409 min Scan# 1953
Delta R.T. -0.013 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

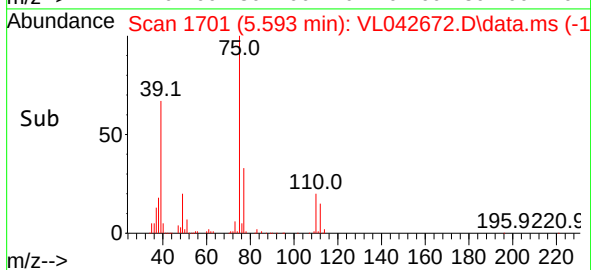
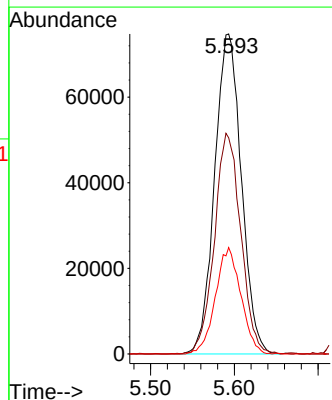
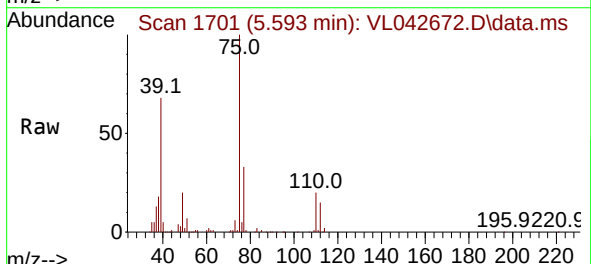
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

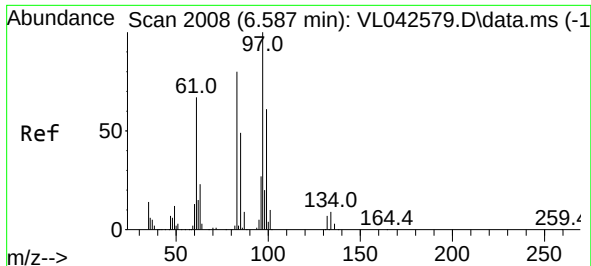
Tgt Ion: 75 Resp: 129839
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.2



#46
cis-1,3-Dichloropropene
Concen: 10.944 ppbv
RT: 5.593 min Scan# 1701
Delta R.T. -0.016 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 75 Resp: 165832
Ion Ratio Lower Upper
75 100
39 67.5 52.7 79.1
77 33.3 25.8 38.8

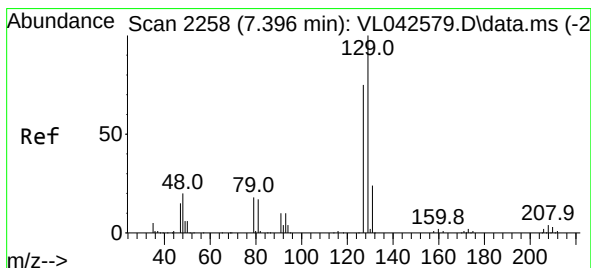
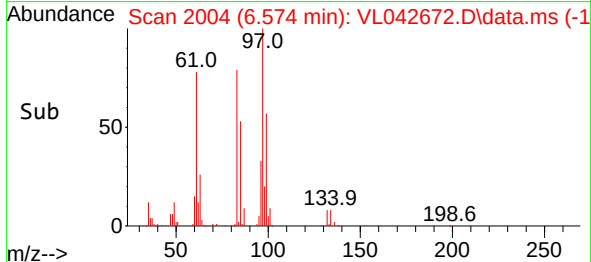
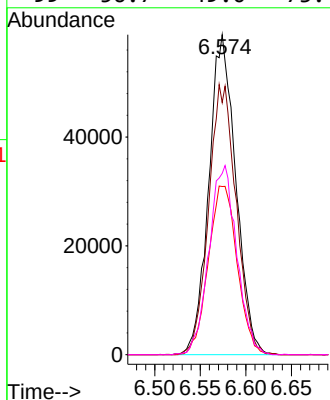
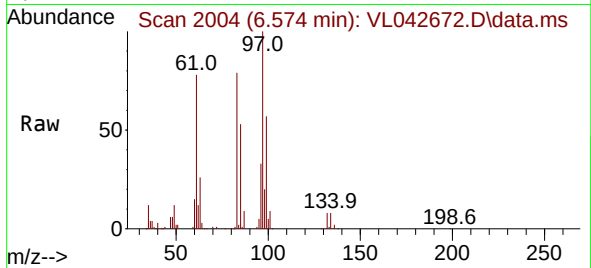




#47
 1,1,2-Trichloroethane
 Concen: 11.634 ppbv
 RT: 6.574 min Scan# 2004
 Delta R.T. -0.013 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

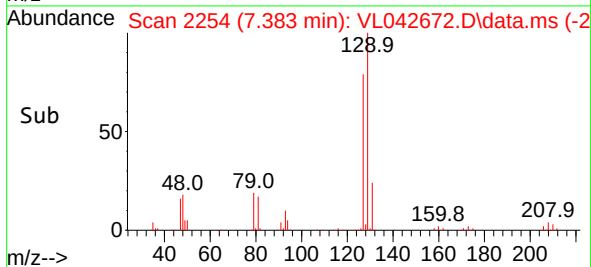
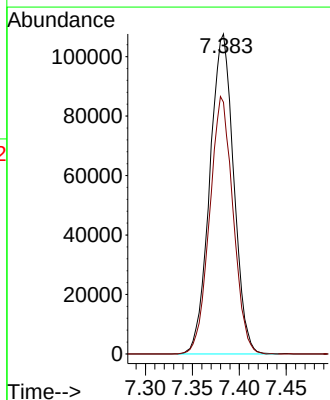
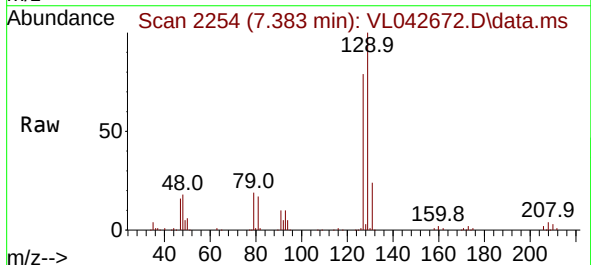
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01

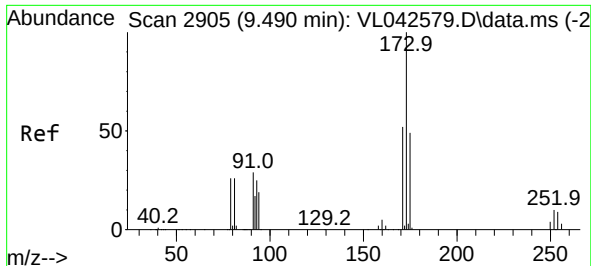
Tgt Ion: 97	Resp: 121264
Ion Ratio	Lower Upper
97 100	
83 78.7	63.9 95.9
85 52.6	39.2 58.8
99 56.7	49.0 73.4



#48
 Dibromochloromethane
 Concen: 11.428 ppbv
 RT: 7.383 min Scan# 2254
 Delta R.T. -0.013 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

Tgt Ion:129	Resp: 190692
Ion Ratio	Lower Upper
129 100	
127 78.8	39.0 116.9

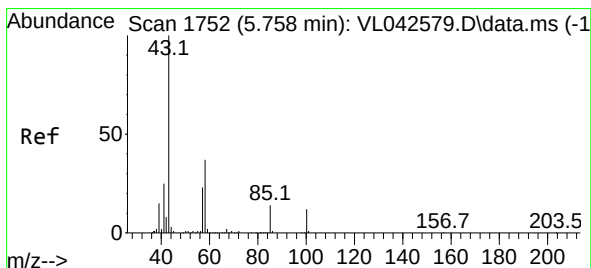
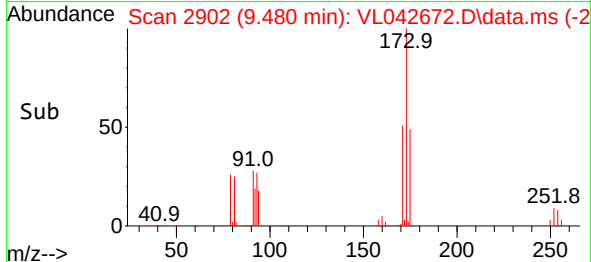
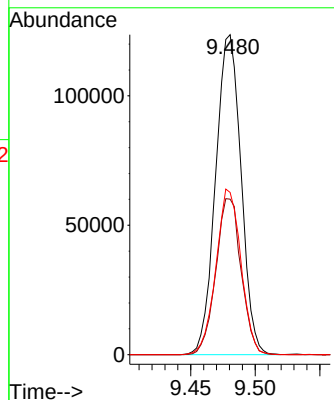
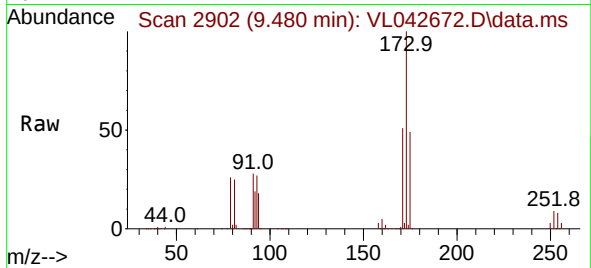




#49
Bromoform
Concen: 11.748 ppbv
RT: 9.480 min Scan# 2905
Delta R.T. -0.010 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

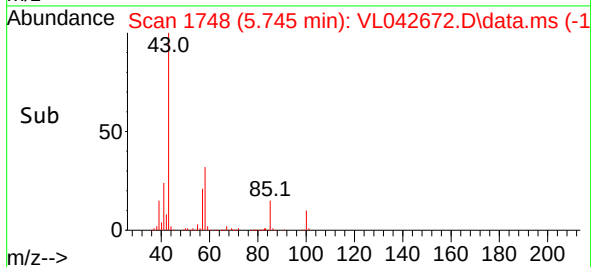
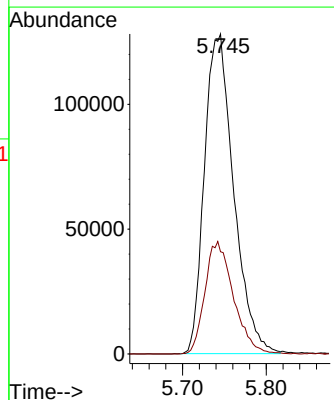
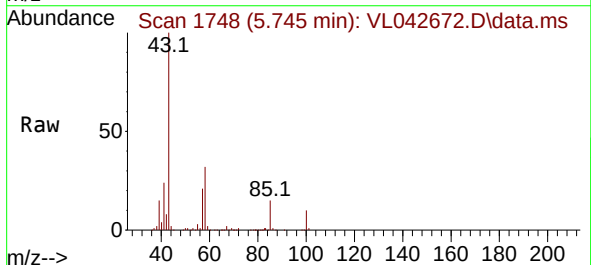
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

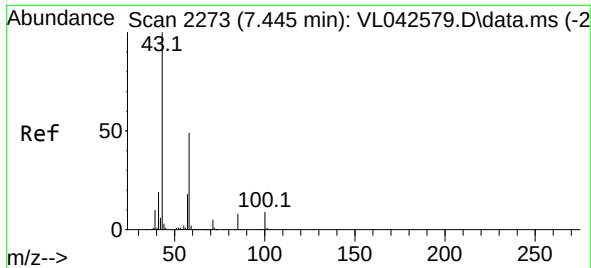
Tgt Ion:173 Resp: 169142
Ion Ratio Lower Upper
173 100
175 48.5 38.7 58.1
171 50.8 41.2 61.8



#50
4-Methyl-2-Pentanone
Concen: 11.359 ppbv
RT: 5.745 min Scan# 1748
Delta R.T. -0.013 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 43 Resp: 310680
Ion Ratio Lower Upper
43 100
58 34.3 28.3 42.5

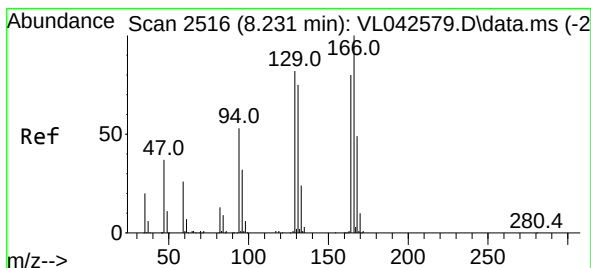
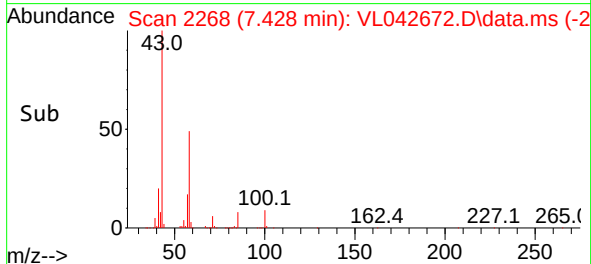
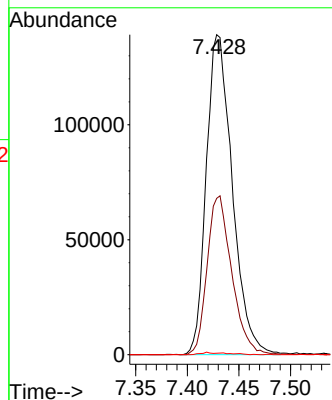
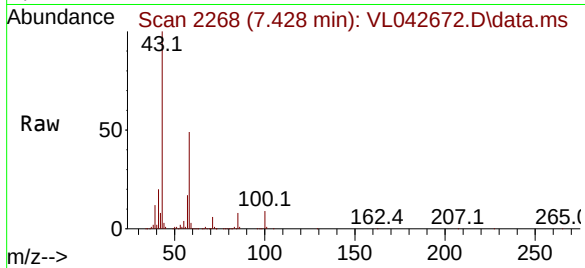




#51
2-Hexanone
Concen: 11.239 ppbv
RT: 7.428 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

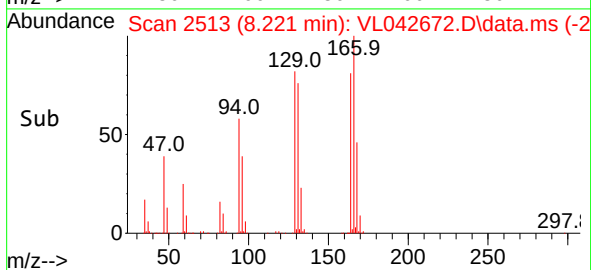
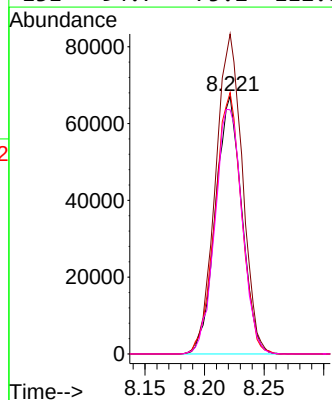
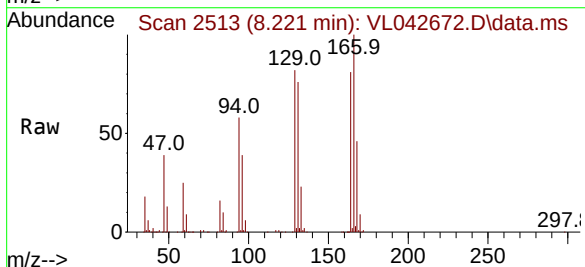
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

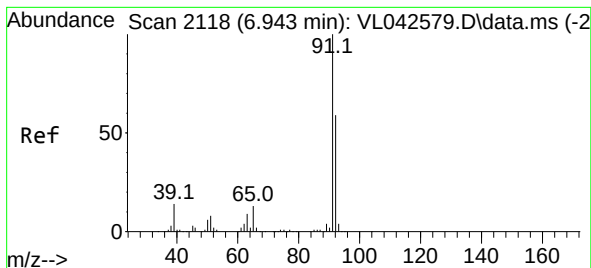
Tgt Ion: 43 Resp: 243780
Ion Ratio Lower Upper
43 100
58 47.1 39.9 59.9
98 0.7 0.1 0.1#



#52
Tetrachloroethene
Concen: 10.142 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.010 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion:164 Resp: 103190
Ion Ratio Lower Upper
164 100
166 124.2 100.0 150.0
129 101.4 82.2 123.4
131 94.7 75.2 112.8





#53

Toluene

Concen: 10.622 ppbv

RT: 6.927 min Scan# 2113

Delta R.T. -0.016 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

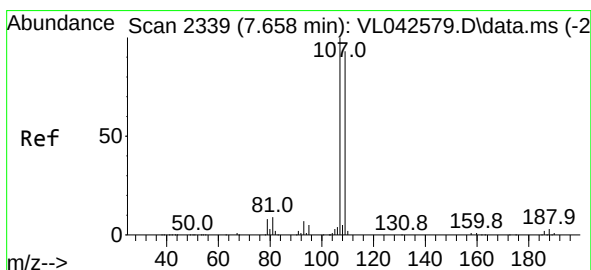
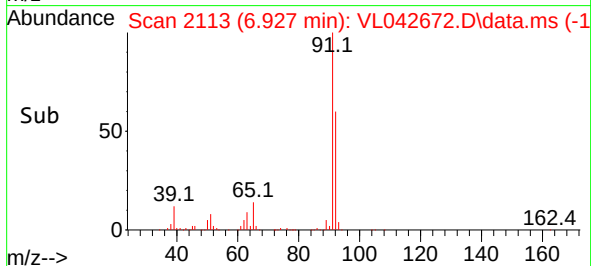
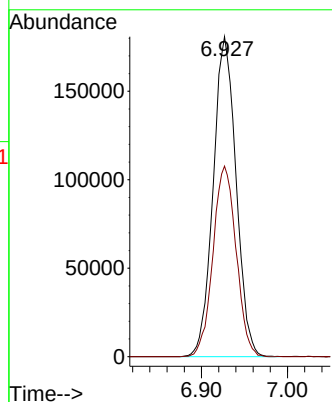
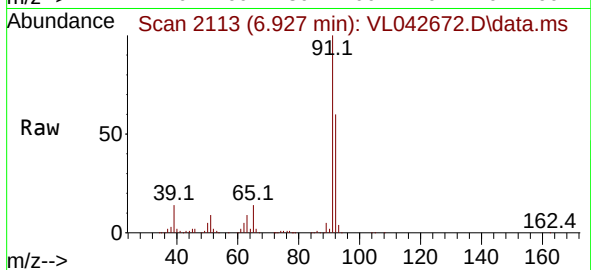
VL0627ABS01

Tgt Ion: 91 Resp: 334285

Ion Ratio Lower Upper

91 100

92 60.2 48.2 72.4



#54

1,2-Dibromoethane

Concen: 11.477 ppbv

RT: 7.645 min Scan# 2335

Delta R.T. -0.013 min

Lab File: VL042672.D

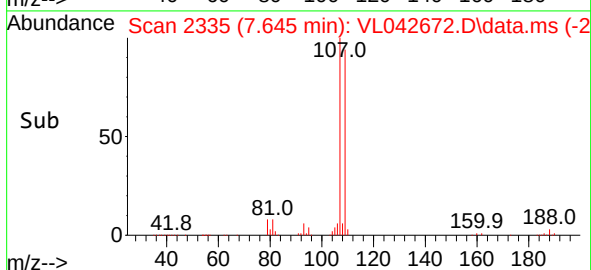
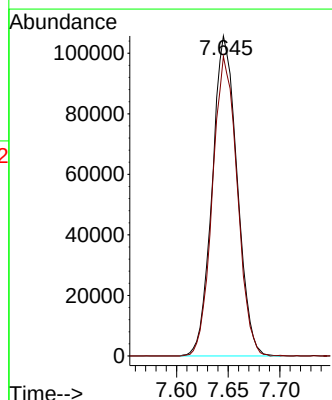
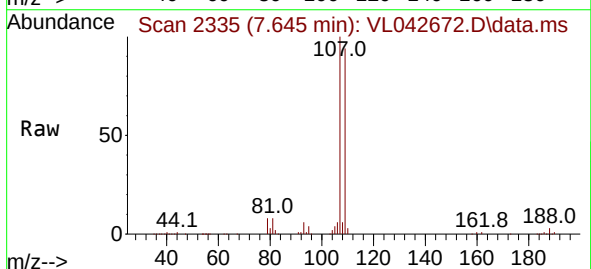
Acq: 27 Jun 2025 10:01

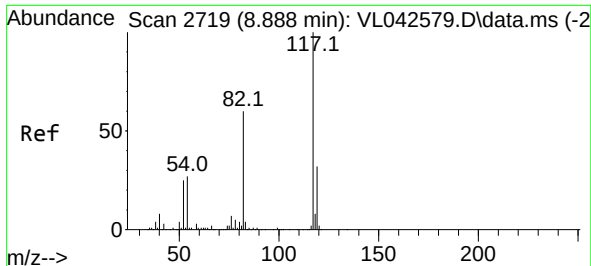
Tgt Ion: 107 Resp: 177063

Ion Ratio Lower Upper

107 100

109 93.6 74.3 111.5

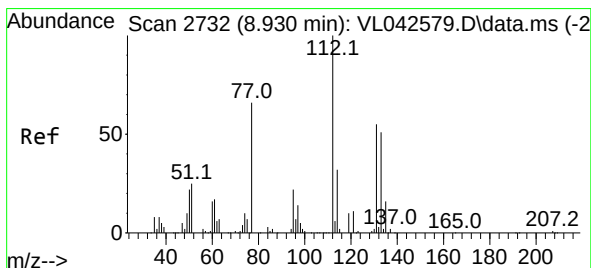
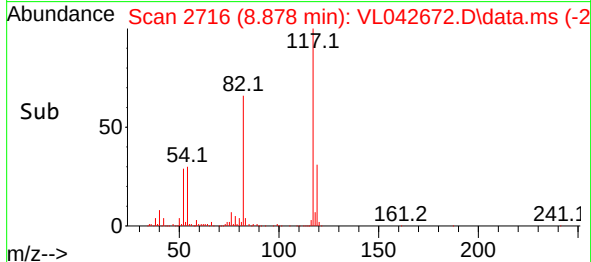
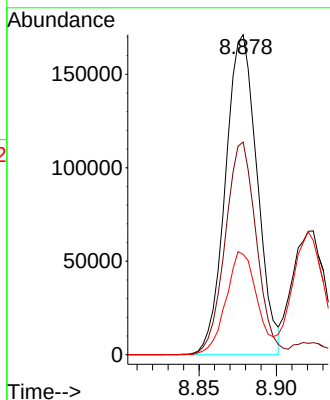
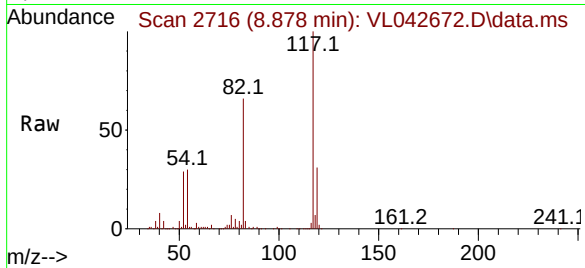




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2719
Delta R.T. -0.010 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

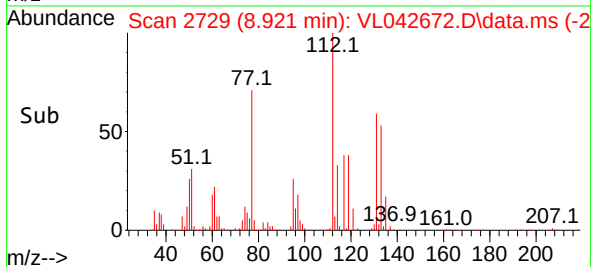
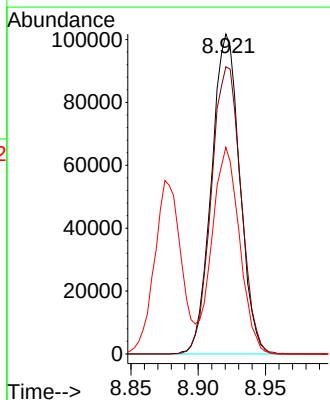
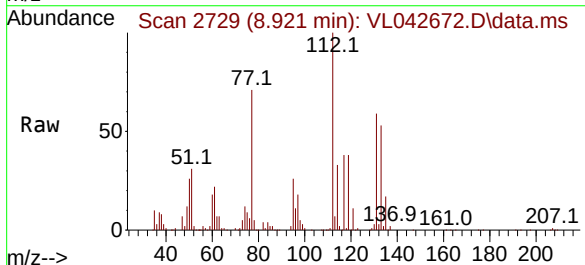
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

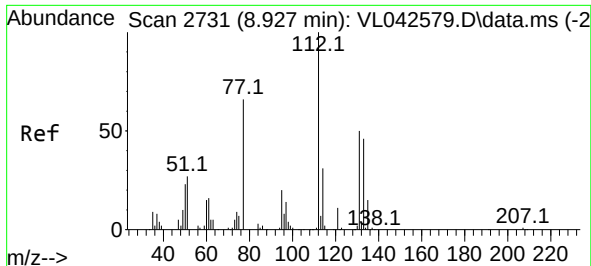
Tgt Ion:117 Resp: 243742
Ion Ratio Lower Upper
117 100
82 69.1 51.2 76.8
119 32.3 26.3 39.5



#56
1,1,1,2-Tetrachloroethane
Concen: 12.112 ppbv
RT: 8.921 min Scan# 2729
Delta R.T. -0.010 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion:131 Resp: 148442
Ion Ratio Lower Upper
131 100
133 94.4 75.0 112.6
119 63.1 50.8 76.2

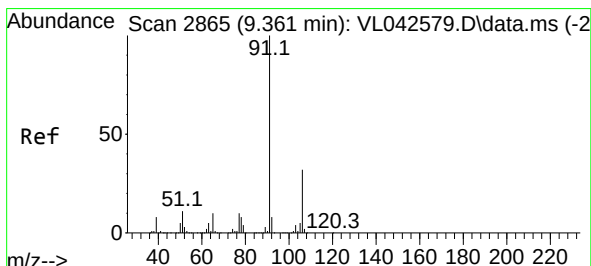
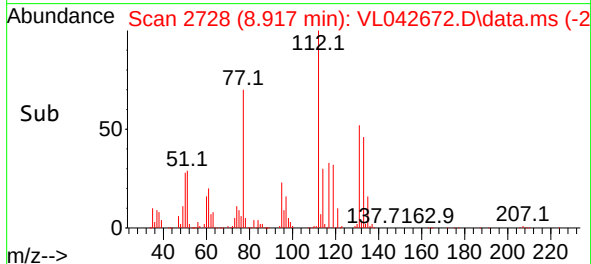
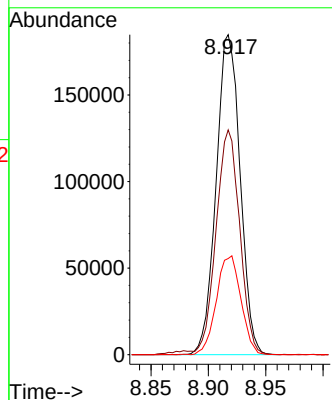
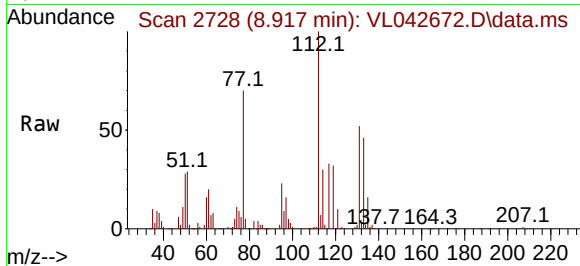




#57
Chlorobenzene
Concen: 11.361 ppbv
RT: 8.917 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

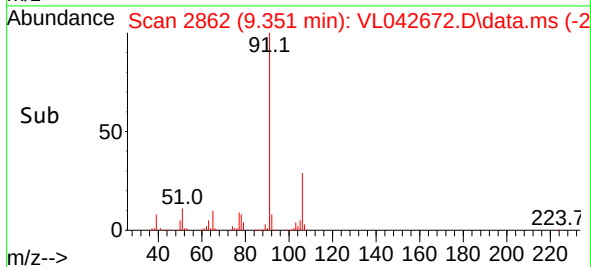
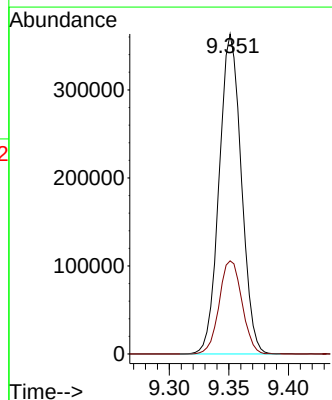
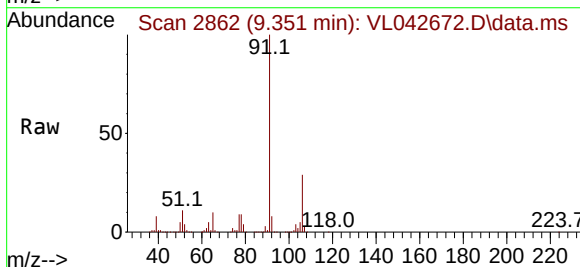
Instrument :
MSVOA_1
ClientSampleId :
VL0627ABS01

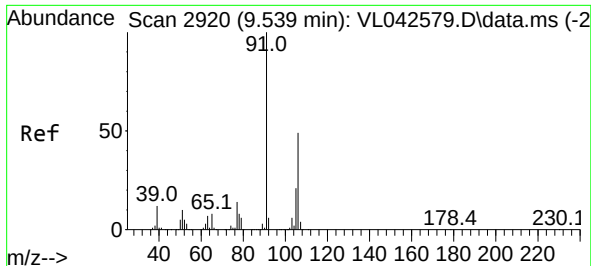
Tgt Ion:112 Resp: 268876
Ion Ratio Lower Upper
112 100
77 70.2 53.5 80.3
114 30.1 27.8 34.0



#58
Ethyl Benzene
Concen: 11.336 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.010 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 91 Resp: 468690
Ion Ratio Lower Upper
91 100
106 29.1 25.9 38.9





#59

m/p-Xylene

Concen: 12.933 ppbv

RT: 9.529 min Scan# 2917

Delta R.T. -0.010 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

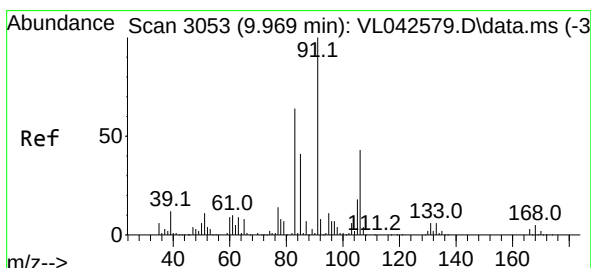
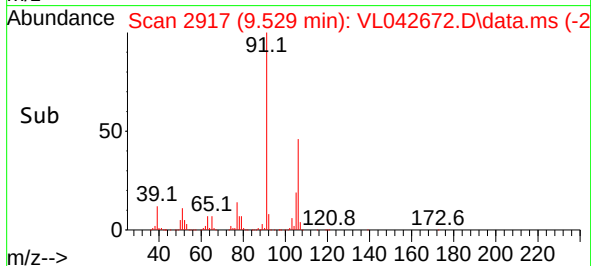
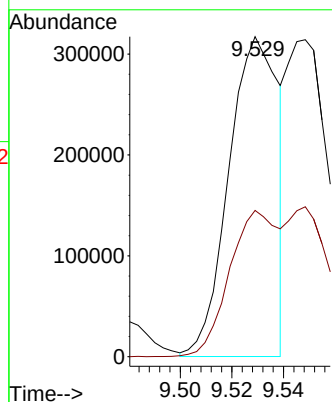
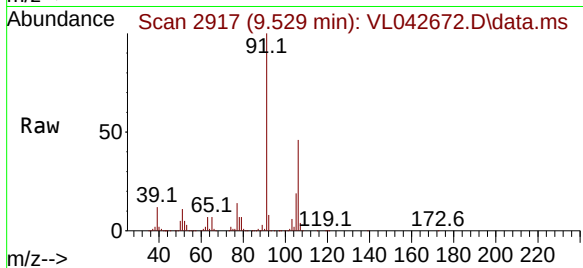
VL0627ABS01

Tgt Ion: 91 Resp: 420784

Ion Ratio Lower Upper

91 100

106 0.0 38.8 58.2#



#60

o-Xylene

Concen: 11.839 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.010 min

Lab File: VL042672.D

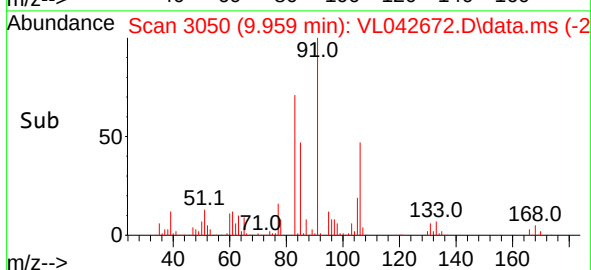
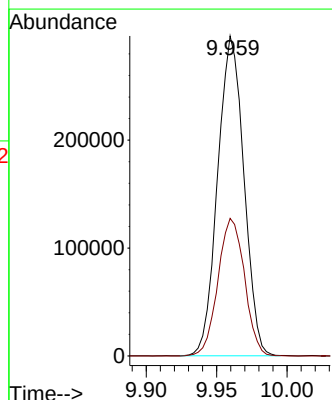
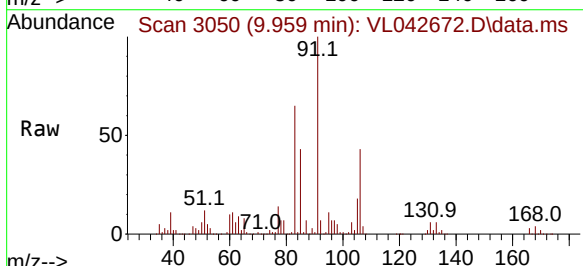
Acq: 27 Jun 2025 10:01

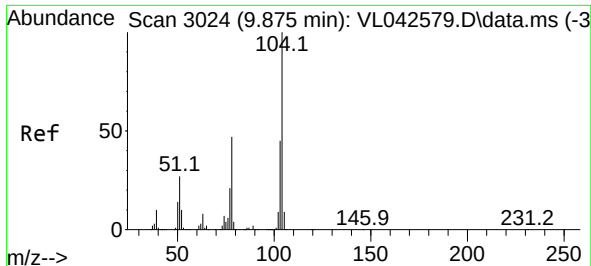
Tgt Ion: 91 Resp: 384191

Ion Ratio Lower Upper

91 100

106 43.6 22.9 68.5

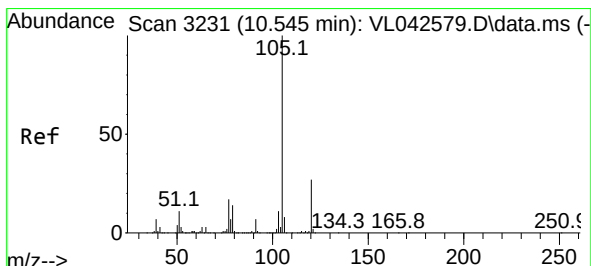
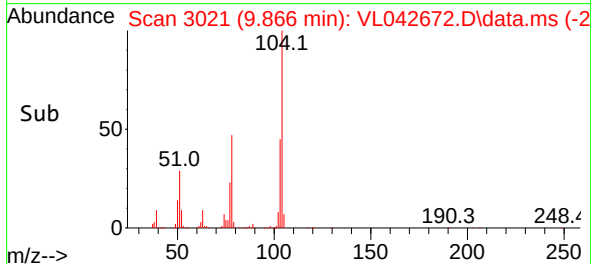
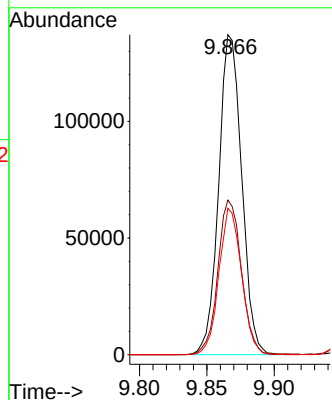
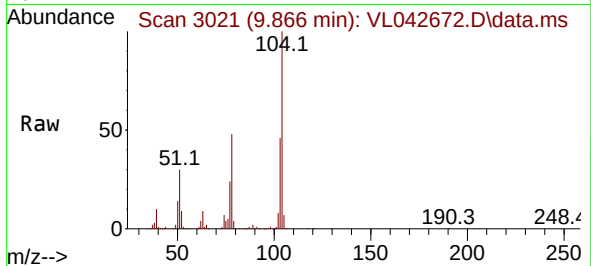




#61
Styrene
Concen: 10.638 ppbv
RT: 9.866 min Scan# 3024
Delta R.T. -0.010 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

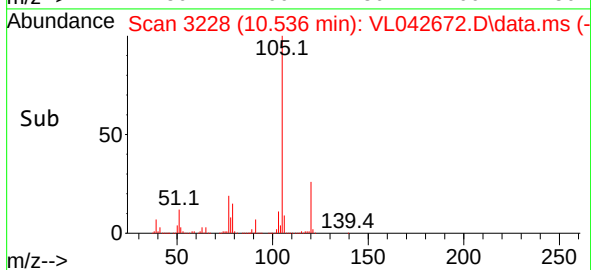
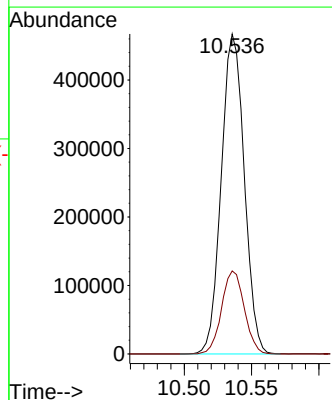
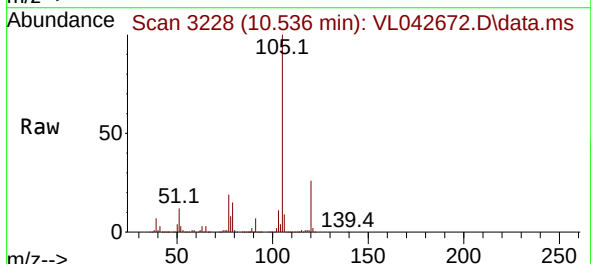
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

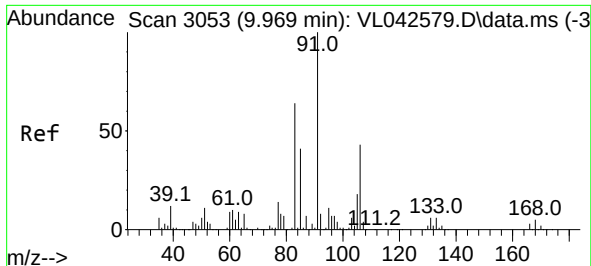
Tgt Ion:104 Resp: 163212
Ion Ratio Lower Upper
104 100
78 49.2 38.2 57.4
103 45.0 36.7 55.1



#62
Isopropylbenzene
Concen: 11.562 ppbv
RT: 10.536 min Scan# 3228
Delta R.T. -0.010 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion:105 Resp: 554283
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3

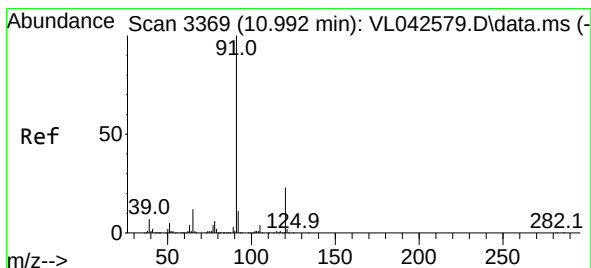
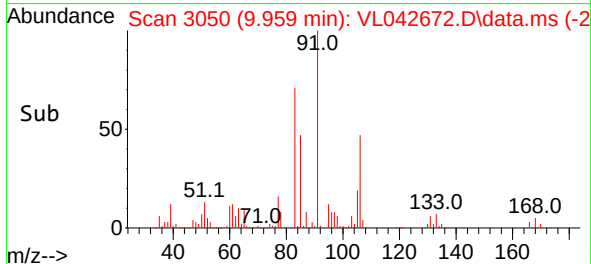
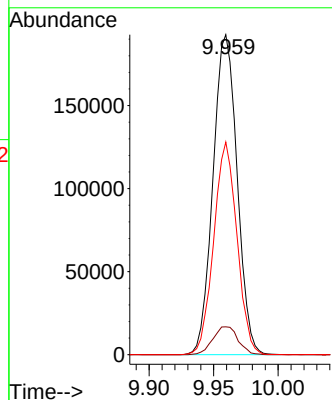
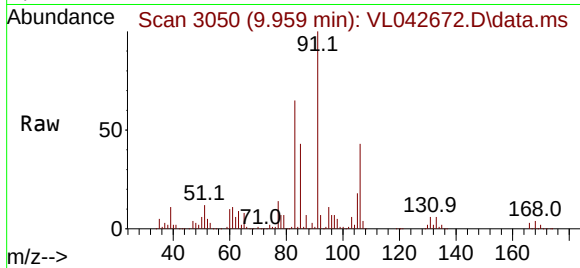




#63
 1,1,2-Tetrachloroethane
 Concen: 12.148 ppbv
 RT: 9.959 min Scan# 3053
 Delta R.T. -0.010 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

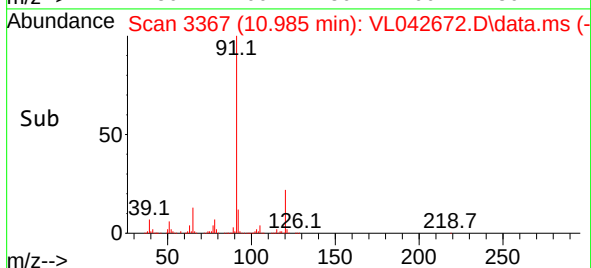
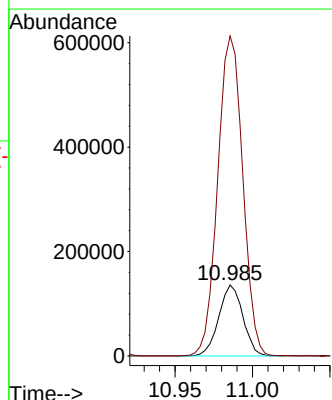
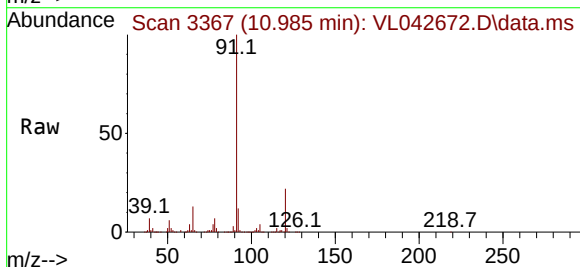
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01

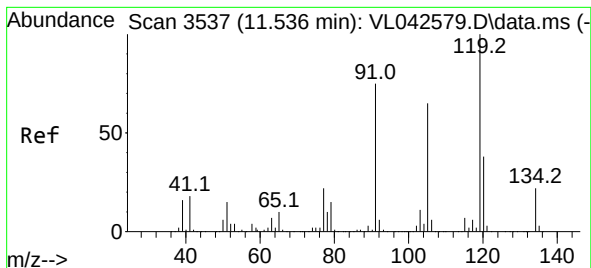
Tgt Ion: 83 Resp: 250663
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.8 14.4
 85 64.0 32.5 97.4



#64
 n-propylbenzene
 Concen: 11.427 ppbv
 RT: 10.985 min Scan# 3367
 Delta R.T. -0.006 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

Tgt Ion:120 Resp: 146849
 Ion Ratio Lower Upper
 120 100
 91 469.3 363.0 544.6





#65

tert-Butylbenzene

Concen: 11.190 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. -0.006 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

VL0627ABS01

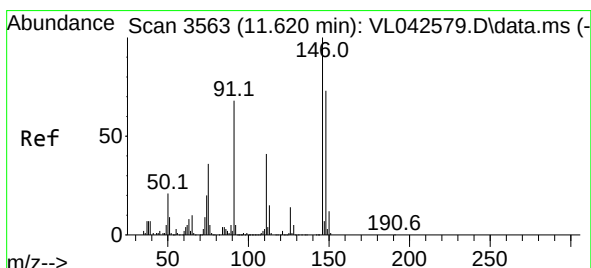
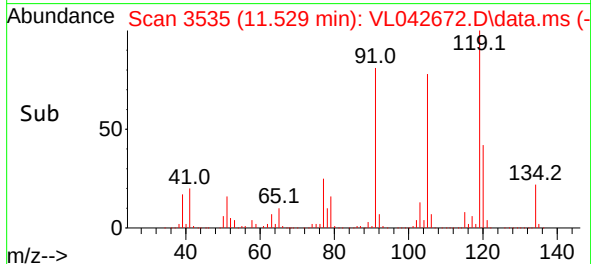
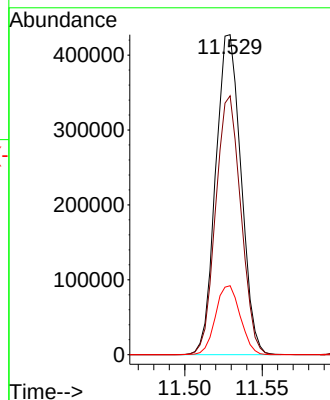
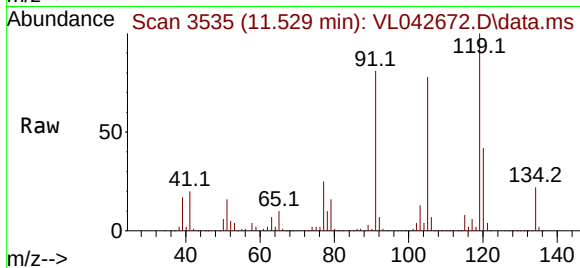
Tgt Ion:119 Resp: 486833

Ion Ratio Lower Upper

119 100

91 80.4 61.1 91.7

134 21.0 17.4 26.2



#66

Benzyl Chloride

Concen: 9.202 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. -0.006 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

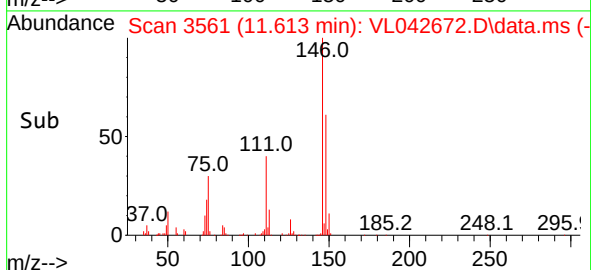
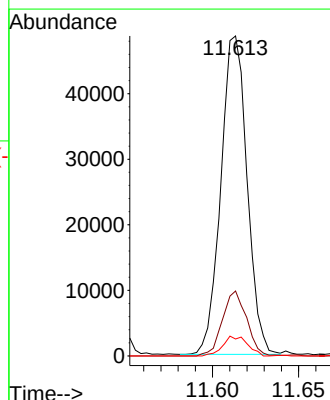
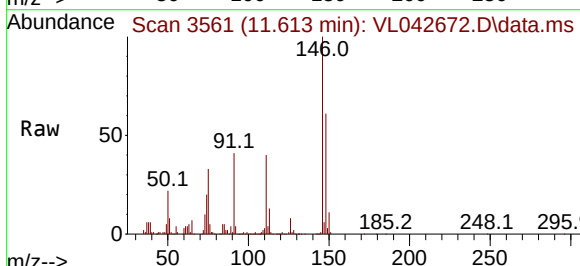
Tgt Ion: 91 Resp: 51531

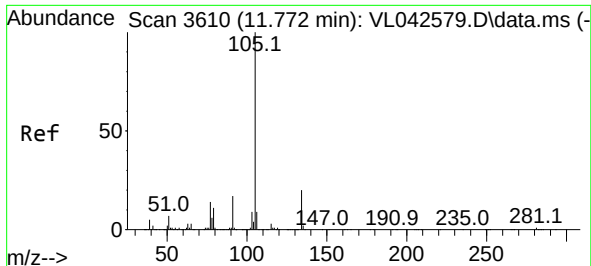
Ion Ratio Lower Upper

91 100

126 19.0 15.1 22.7

128 6.0 5.0 7.6

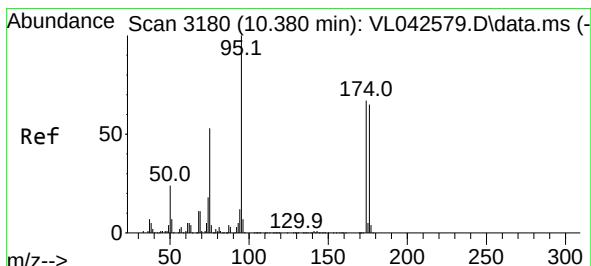
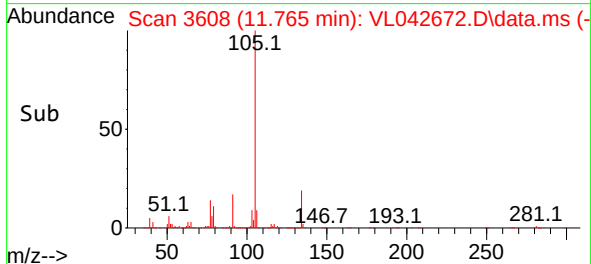
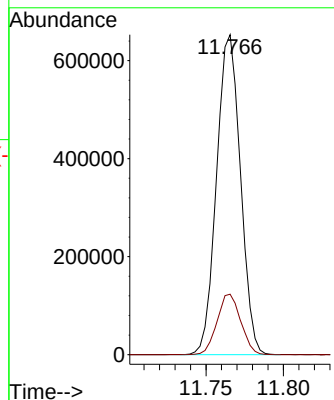
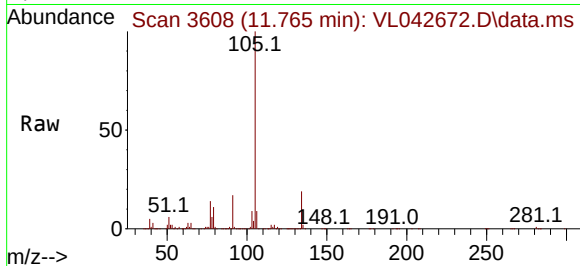




#67
 sec-Butylbenzene
 Concen: 11.438 ppbv
 RT: 11.765 min Scan# 3608
 Delta R.T. -0.006 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

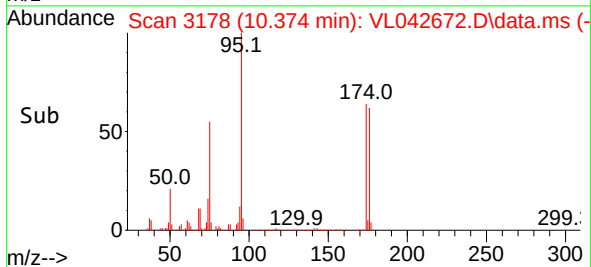
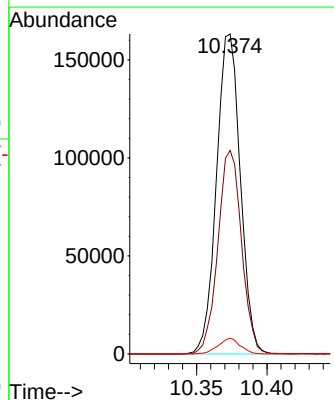
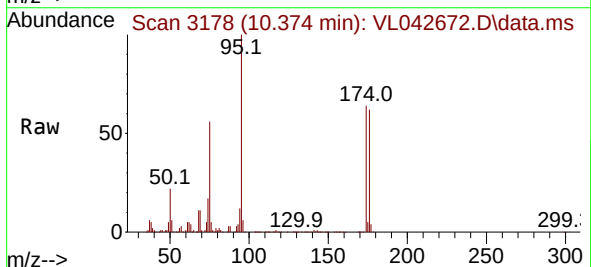
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0627ABS01

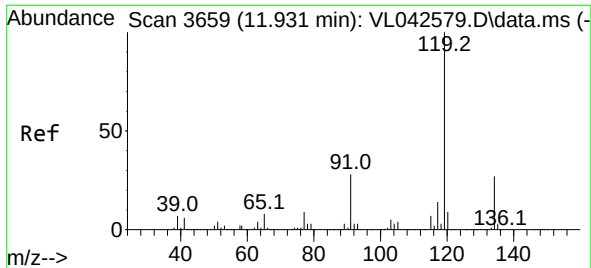
Tgt Ion:105 Resp: 699608
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.8 23.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.542 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. -0.006 min
 Lab File: VL042672.D
 Acq: 27 Jun 2025 10:01

Tgt Ion: 95 Resp: 192618
 Ion Ratio Lower Upper
 95 100
 174 63.2 53.1 79.7
 175 4.6 4.2 6.2

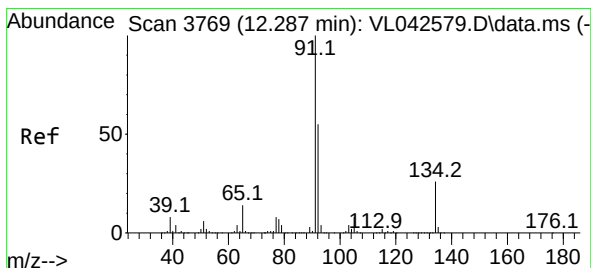
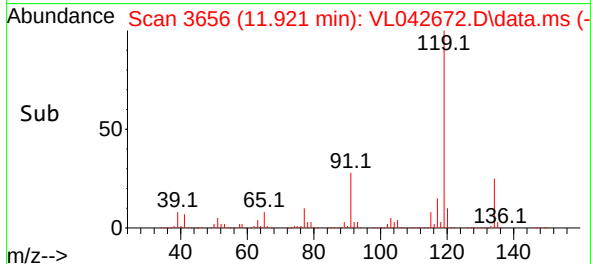
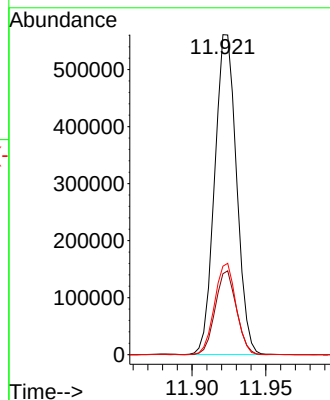
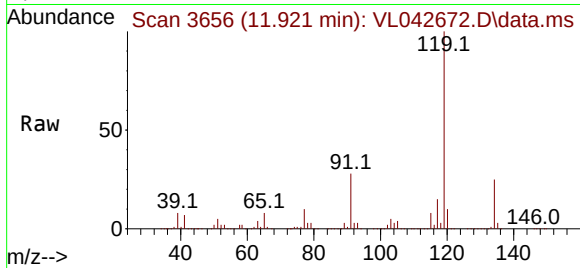




#69
p-Isopropyltoluene
Concen: 11.301 ppbv
RT: 11.921 min Scan# 3656
Delta R.T. -0.010 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

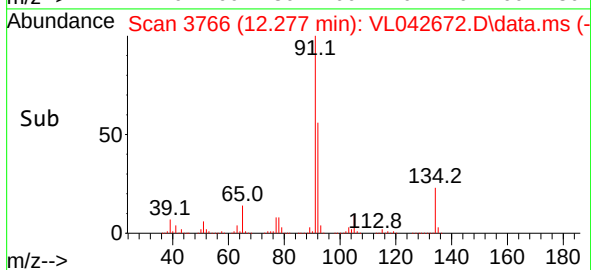
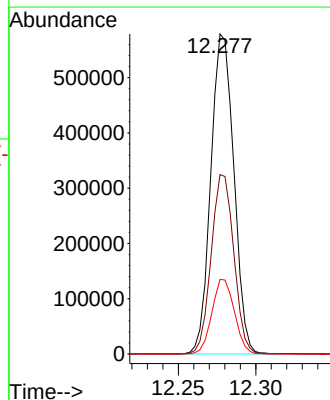
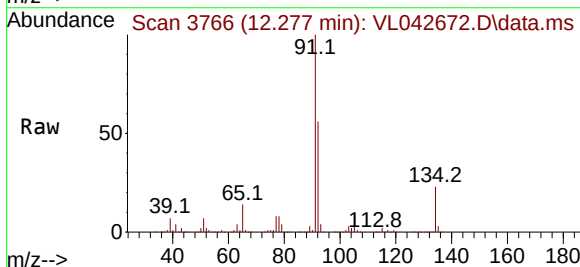
Instrument :
MSVOA_1
ClientSampleId :
VL0627ABS01

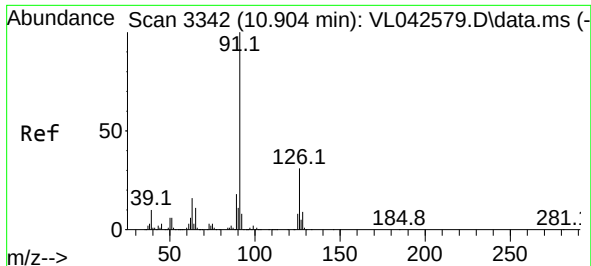
Tgt Ion:119 Resp: 578855
Ion Ratio Lower Upper
119 100
134 25.5 21.1 31.7
91 28.1 21.9 32.9



#70
n-Butylbenzene
Concen: 11.822 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. -0.010 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 91 Resp: 597699
Ion Ratio Lower Upper
91 100
92 55.1 44.4 66.6
134 22.7 20.1 30.1

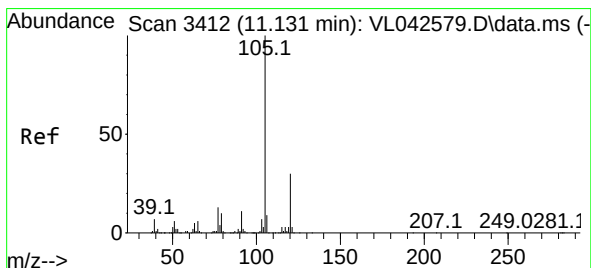
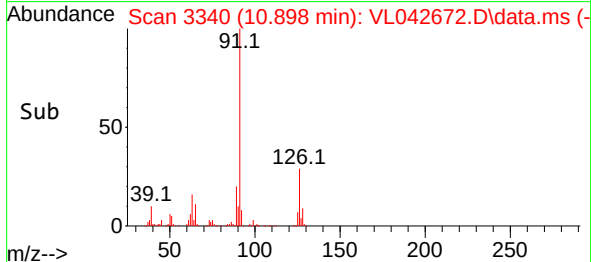
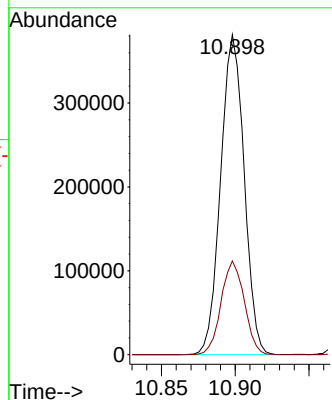
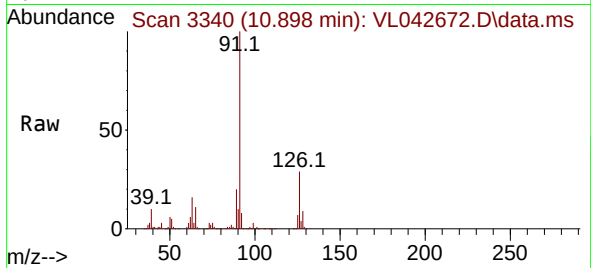




#71
2-Chlorotoluene
Concen: 11.560 ppbv
RT: 10.898 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

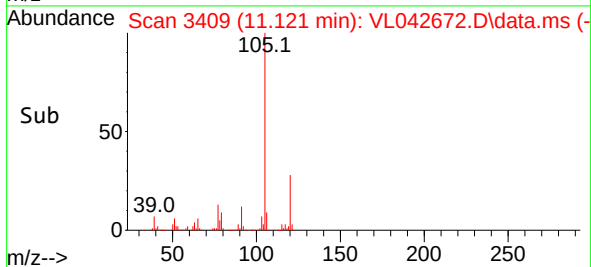
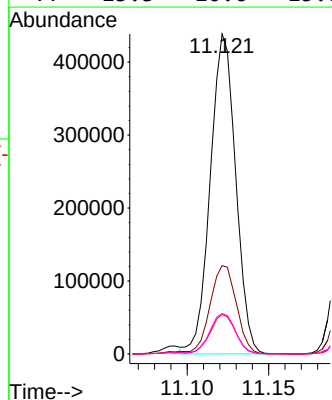
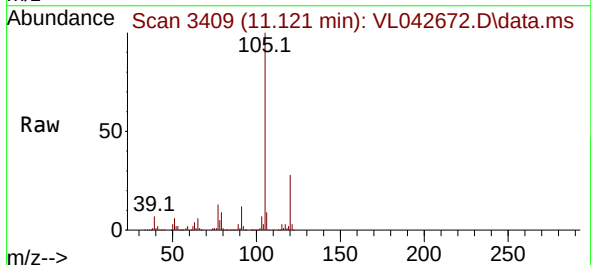
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

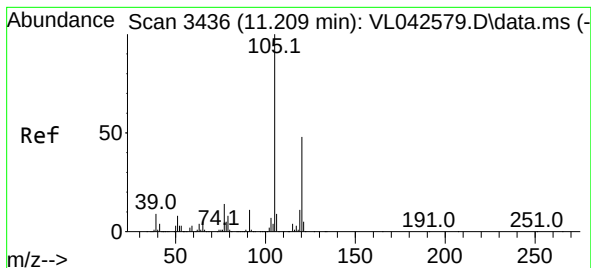
Tgt Ion: 91 Resp: 422724
Ion Ratio Lower Upper
91 100
126 28.9 12.6 50.4



#72
4-Ethyltoluene
Concen: 11.734 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.010 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 105 Resp: 474718
Ion Ratio Lower Upper
105 100
120 29.2 24.6 36.8
91 12.8 9.6 14.4
77 13.3 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 11.649 ppbv

RT: 11.199 min Scan# 3436

Delta R.T. -0.010 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_1

ClientSampleId :

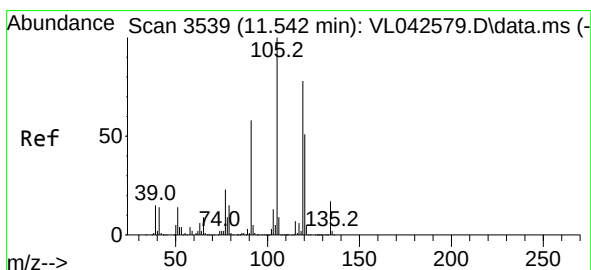
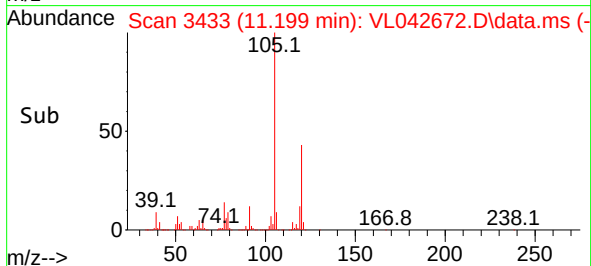
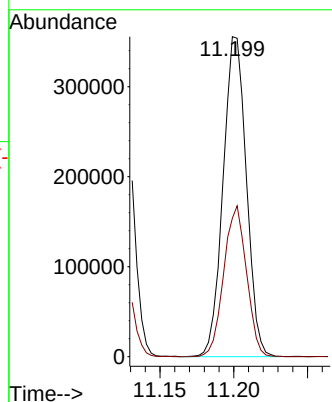
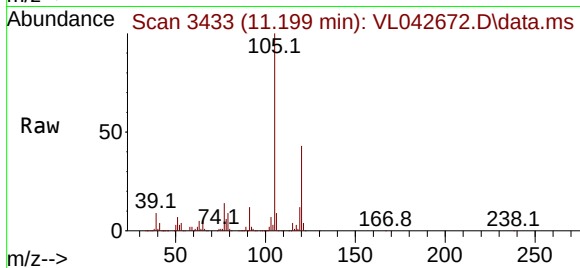
VL0627ABS01

Tgt Ion:105 Resp: 390052

Ion Ratio Lower Upper

105 100

120 43.2 38.8 58.2



#74

1,2,4-Trimethylbenzene

Concen: 11.628 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.010 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Tgt Ion:105 Resp: 432083

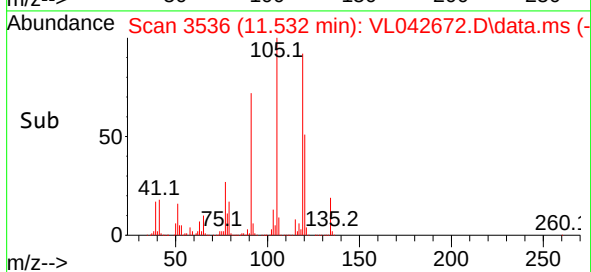
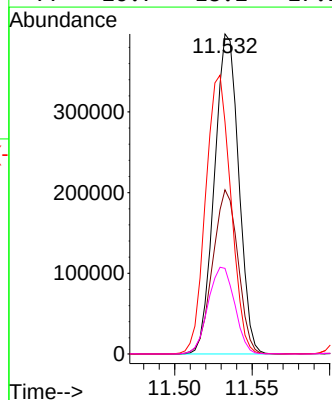
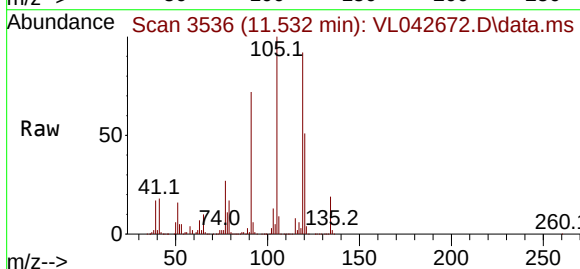
Ion Ratio Lower Upper

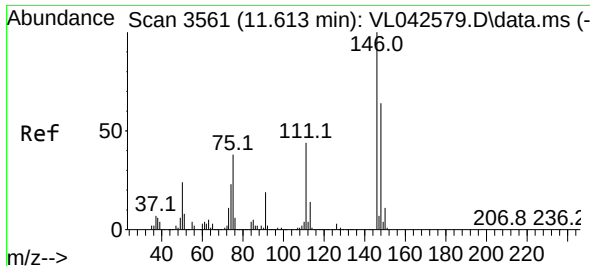
105 100

120 51.3 40.8 61.2

91 72.4 46.8 70.2#

77 26.7 18.2 27.2

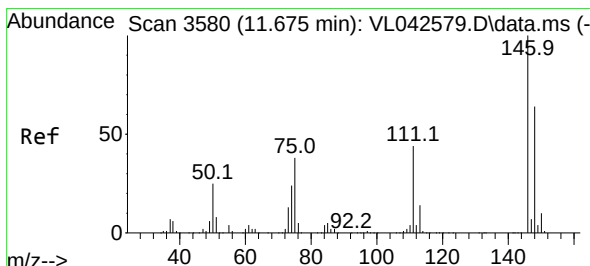
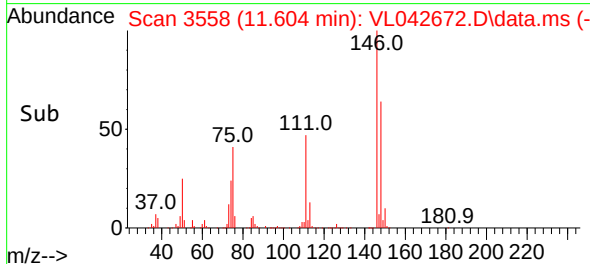
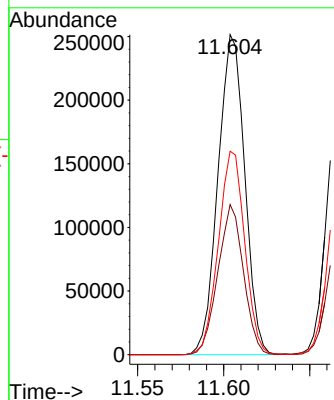
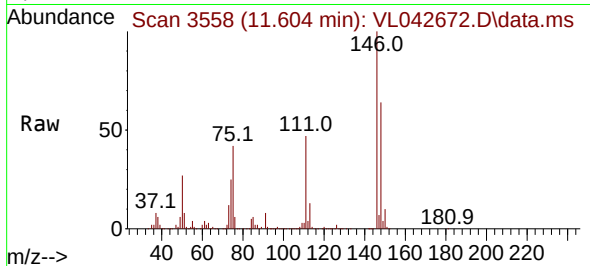




#75
1,3-Dichlorobenzene
Concen: 11.655 ppbv
RT: 11.604 min Scan# 3558
Delta R.T. -0.010 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

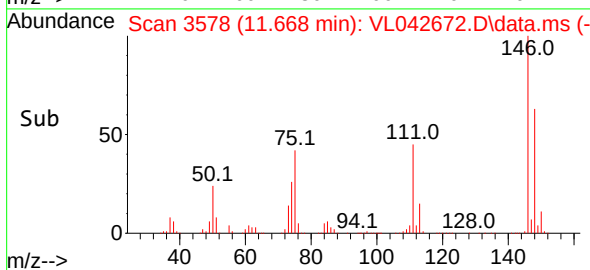
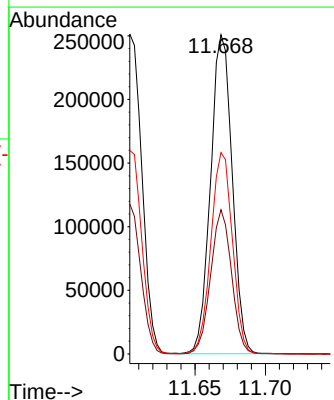
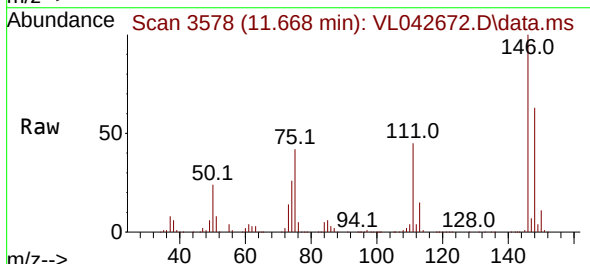
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

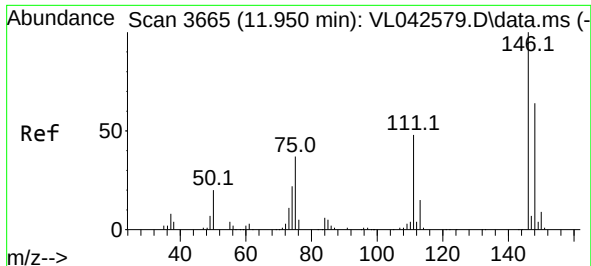
Tgt Ion:146 Resp: 271976
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.3
148 62.8 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 11.548 ppbv
RT: 11.668 min Scan# 3578
Delta R.T. -0.006 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion:146 Resp: 268767
Ion Ratio Lower Upper
146 100
111 43.6 21.6 64.8
148 63.0 32.1 96.5

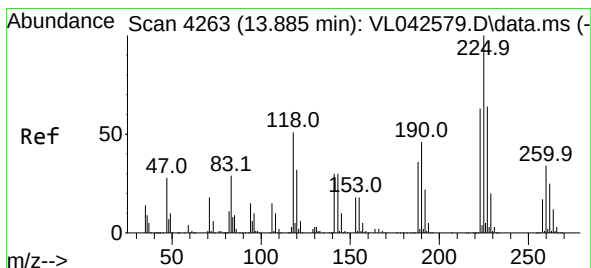
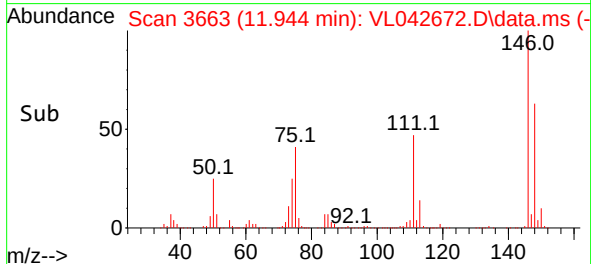
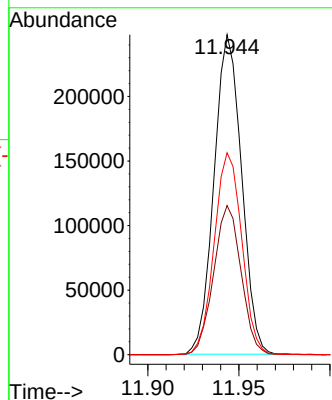
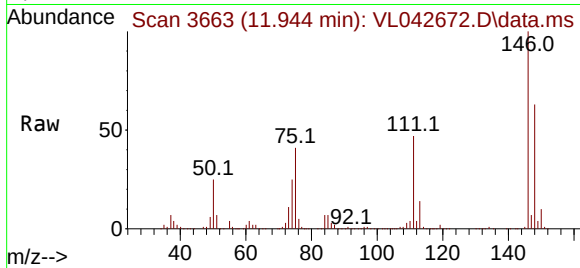




#77
1,2-Dichlorobenzene
Concen: 11.470 ppbv
RT: 11.944 min Scan# 3663
Delta R.T. -0.006 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

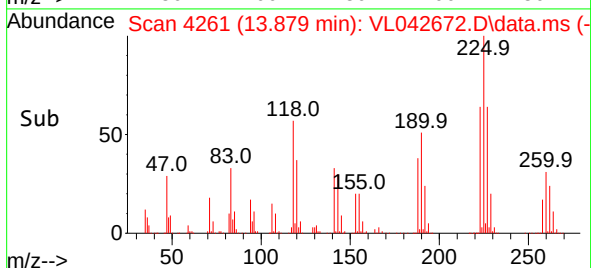
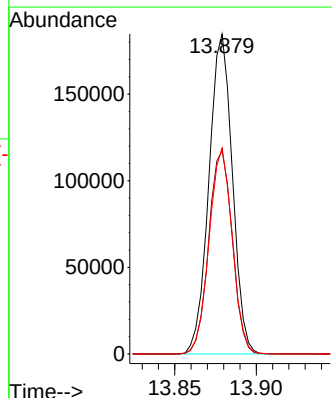
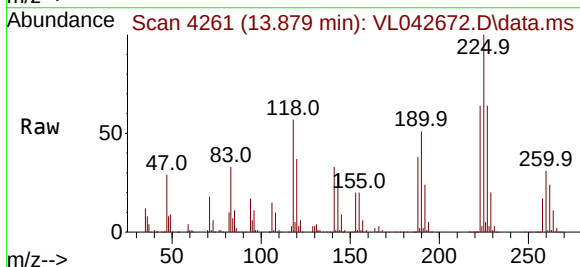
Instrument :
MSVOA_1
ClientSampleId :
VL0627ABS01

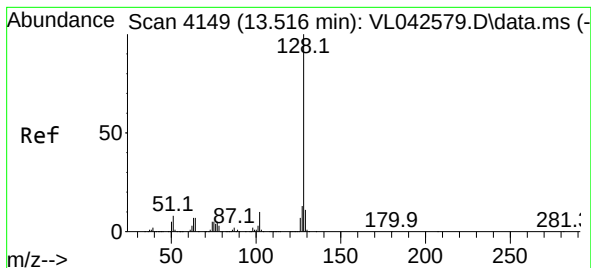
Tgt Ion:146 Resp: 259764
Ion Ratio Lower Upper
146 100
111 46.6 23.1 69.3
148 63.5 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 9.850 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.006 min
Lab File: VL042672.D
Acq: 27 Jun 2025 10:01

Tgt Ion:225 Resp: 184563
Ion Ratio Lower Upper
225 100
223 63.9 50.2 75.4
227 63.5 51.1 76.7





#79

Naphthalene

Concen: 11.777 ppbv

RT: 13.510 min Scan# 4149

Delta R.T. -0.006 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

VL0627ABS01

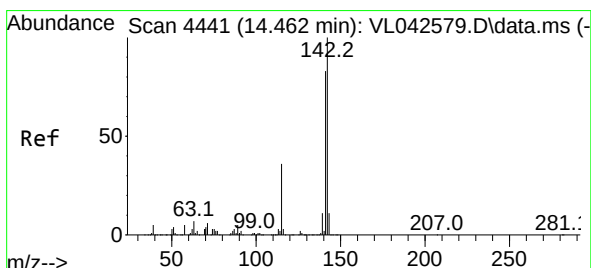
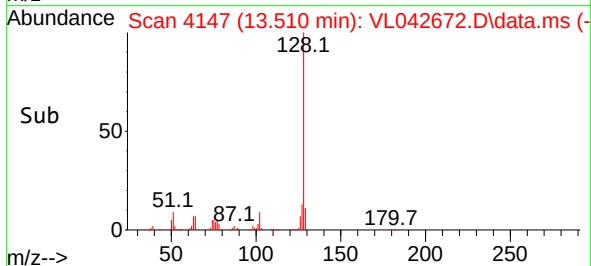
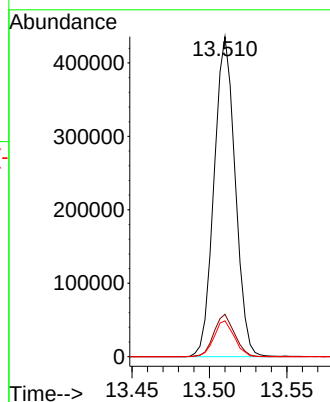
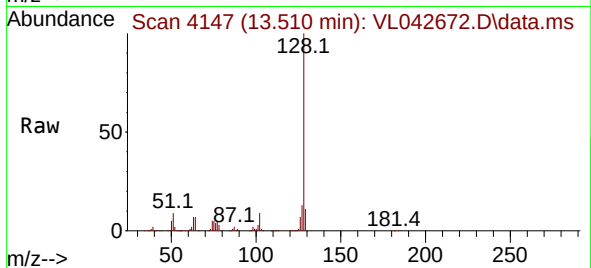
Tgt Ion:128 Resp: 412498

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.2 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 11.744 ppbv

RT: 14.455 min Scan# 4439

Delta R.T. -0.006 min

Lab File: VL042672.D

Acq: 27 Jun 2025 10:01

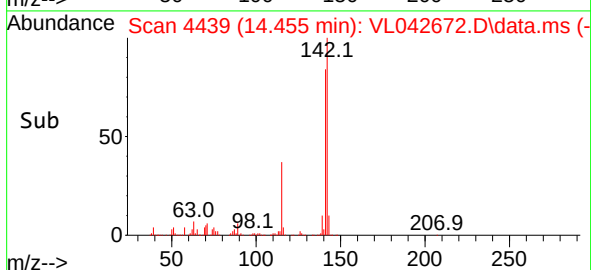
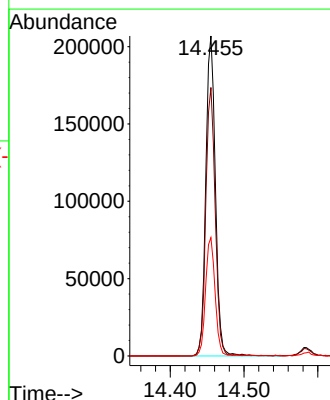
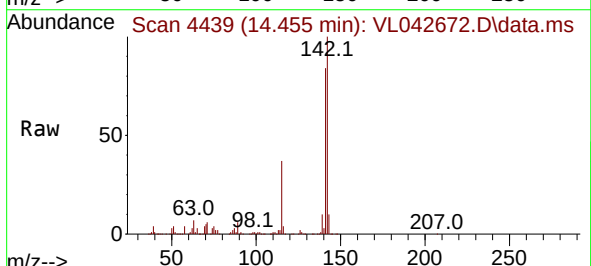
Tgt Ion:142 Resp: 185846

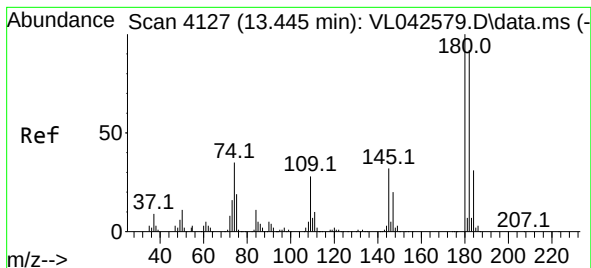
Ion Ratio Lower Upper

142 100

141 83.4 66.2 99.4

115 37.2 28.3 42.5





#81

1,2,4-Trichlorobenzene

Concen: 10.756 ppbv

RT: 13.436 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL042672.D

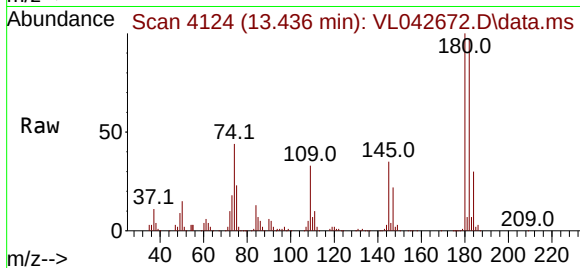
Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_L

ClientSampleId :

VL0627ABS01



Tgt Ion:180 Resp: 210303

Ion Ratio Lower Upper

180 100

182 96.9 75.0 112.4

184 30.0 24.6 36.8

