

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092425\
 Data File : VL043003.D
 Acq On : 24 Sep 2025 10:47
 Operator : SY/MD
 Sample : VL0924ASL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0924ABS01

Quant Time: Sep 25 01:52:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 23 02:39:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	150936	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	449573	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	405131	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	314184	10.389	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	219688	10.821	ppbv	99
3) Chlorodifluoromethane	1.476	51	255095	10.082	ppbv	97
4) Chloromethane	1.534	50	89265	9.714	ppbv	99
5) Vinyl Chloride	1.583	62	78179	9.411	ppbv	96
6) Bromomethane	1.670	94	29783	10.164	ppbv	94
7) Chloroethane	1.706	64	30943	9.593	ppbv	96
8) Dichlorotetrafluoroethane	1.557	85	180234	10.400	ppbv	90
9) Propene	1.486	41	94701	8.603	ppbv	95
10) Heptane	4.985	43	274374	9.340	ppbv	100
11) Trichlorofluoromethane	1.877	101	221460	11.314	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.140	101	177315	11.186	ppbv	90
13) Ethanol	1.722	45	6747	6.319	ppbv	95
14) Bromoethene	1.784	108	63818	10.649	ppbv	100
15) Acetone	1.835	43	164292	8.357	ppbv	98
16) 1,3-Butadiene	1.609	39	80632	8.695	ppbv	99
17) tert-Butyl alcohol	2.042	59	177016	8.210	ppbv	99
18) 1,1-Dichloroethene	2.036	96	76322	10.402	ppbv	93
19) Isopropyl Alcohol	1.887	45	103468	8.755	ppbv #	39
20) Methylene Chloride	2.062	84	67676	11.658	ppbv	96
21) Allyl Chloride	2.098	41	128489	9.385	ppbv	97
22) trans-1,2-Dichloroethene	2.344	96	87647	10.513	ppbv	92
23) Vinyl Acetate	2.463	43	263532	9.384	ppbv	98
24) 1,1-Dichloroethane	2.411	63	169220	10.350	ppbv	98
25) Ethyl Acetate	2.835	43	479080	9.642	ppbv	99
26) Hexane	2.829	57	212295	9.374	ppbv	99
27) Carbon Disulfide	2.153	76	204686	10.077	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	102709	8.724	ppbv	94
29) Chloroform	2.852	83	327227	11.050	ppbv	100
30) Cyclohexane	3.861	84	181395	9.579	ppbv	97
31) cis-1,2-Dichloroethene	2.722	61	210432	9.918	ppbv	98
32) 1,1,1-Trichloroethane	3.370	97	318480	9.957	ppbv	99
34) 2-Butanone	2.557	43	311605	9.890	ppbv	100
35) Carbon Tetrachloride	3.764	117	349345	11.936	ppbv	98
36) Benzene	3.661	78	428947	10.160	ppbv	99
37) 1,2-Dichloroethane	3.221	62	245698	11.066	ppbv	98
38) Trichloroethene	4.554	130	219940	10.483	ppbv	98
39) 1,2-Dichloropropane	4.315	63	159234	10.332	ppbv	92
40) 1,4-Dioxane	4.586	88	68528	9.562	ppbv #	97
41) Tetrahydrofuran	3.056	42	170739	9.428	ppbv	99
42) Bromodichloromethane	4.493	83	348397	11.267	ppbv #	98
43) Methyl Methacrylate	4.884	69	162155	9.388	ppbv	96
44) 2,2,4-Trimethylpentane	4.645	57	722416	9.907	ppbv	97
45) t-1,3-Dichloropropene	6.418	75	167990	9.119	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092425\
 Data File : VL043003.D
 Acq On : 24 Sep 2025 10:47
 Operator : SY/MD
 Sample : VL09244ASL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

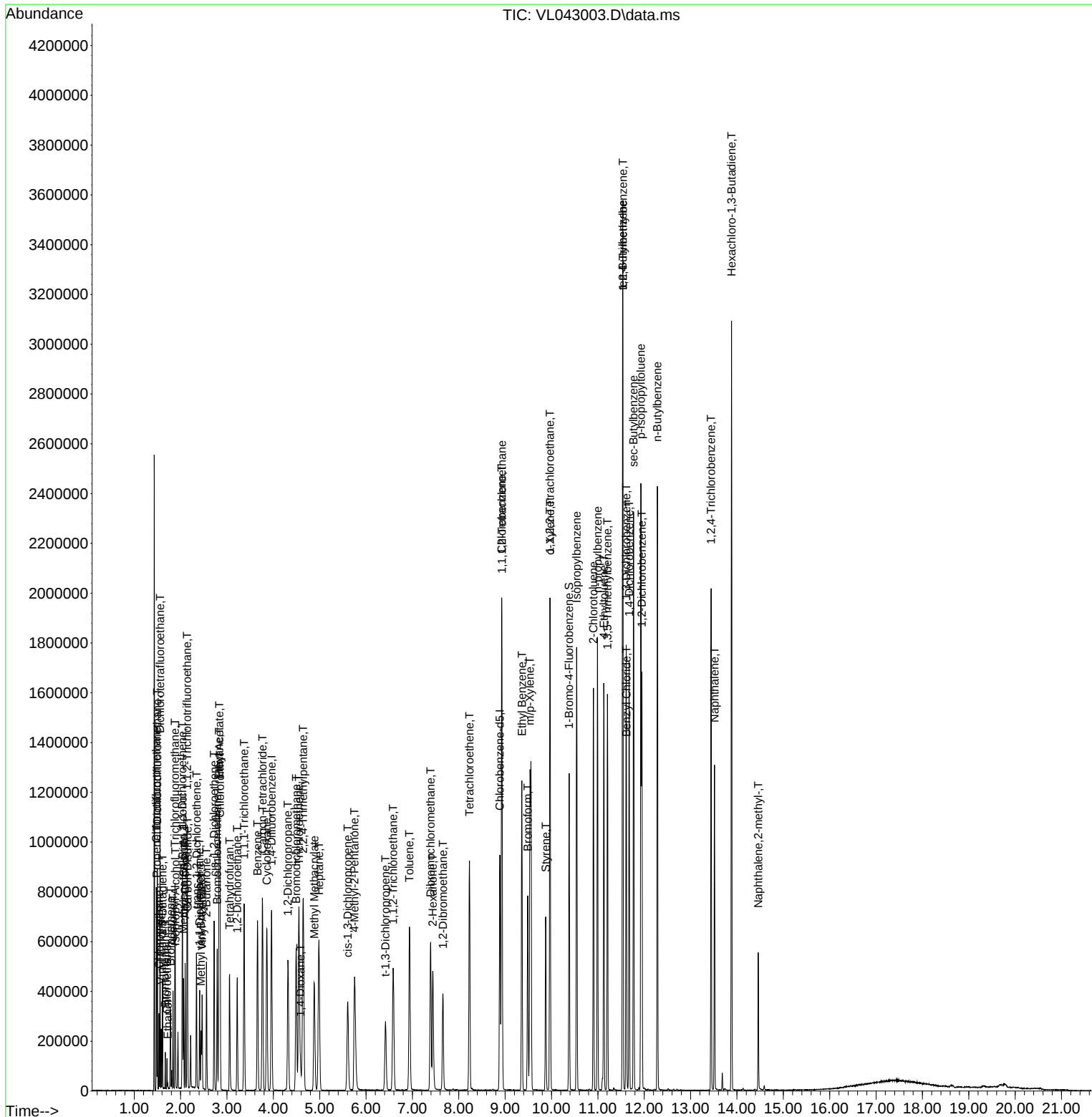
Instrument :
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 ClientSampleId :
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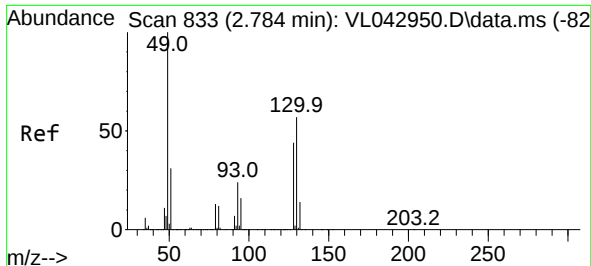
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 23 02:39:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	223077	9.502	ppbv	98
47) 1,1,2-Trichloroethane	6.583	97	174093	10.691	ppbv	96
48) Dibromochloromethane	7.393	129	309350	11.874	ppbv	98
49) Bromoform	9.487	173	279638	12.339	ppbv	99
50) 4-Methyl-2-Pentanone	5.752	43	423045	10.018	ppbv	99
51) 2-Hexanone	7.438	43	331885	9.860	ppbv #	97
52) Tetrachloroethene	8.231	164	177496	10.866	ppbv	93
53) Toluene	6.936	91	493280	9.872	ppbv	99
54) 1,2-Dibromoethane	7.658	107	247778	10.810	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.930	131	230977	11.911	ppbv	100
57) Chlorobenzene	8.927	112	408572	11.047	ppbv	95
58) Ethyl Benzene	9.361	91	688808	10.354	ppbv	99
59) m/p-Xylene	9.535	91	560725	10.691	ppbv #	100
60) o-Xylene	9.969	91	560366	10.690	ppbv	99
61) Styrene	9.875	104	247781	9.993	ppbv	98
62) Isopropylbenzene	10.542	105	830044	10.623	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	292156	10.604	ppbv	100
64) n-propylbenzene	10.992	120	224888	11.015	ppbv	95
65) tert-Butylbenzene	11.536	119	768130	11.053	ppbv	97
66) Benzyl Chloride	11.616	91	44429	6.093	ppbv	99
67) sec-Butylbenzene	11.769	105	1052693	10.871	ppbv	99
69) p-Isopropyltoluene	11.927	119	898046	10.978	ppbv	99
70) n-Butylbenzene	12.283	91	867870	10.867	ppbv	99
71) 2-Chlorotoluene	10.904	91	617343	10.464	ppbv	98
72) 4-Ethyltoluene	11.128	105	705375	10.744	ppbv	100
73) 1,3,5-Trimethylbenzene	11.205	105	584573	10.979	ppbv	99
74) 1,2,4-Trimethylbenzene	11.539	105	654965	11.139	ppbv	95
75) 1,3-Dichlorobenzene	11.610	146	432617	11.863	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	425397	11.746	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	414086	11.935	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	344475	12.694	ppbv	98
79) Naphthalene	13.516	128	607495	11.684	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	153210	9.539	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	354007	12.734	ppbv	99

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

Quant Time: Sep 25 01:52:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
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QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration

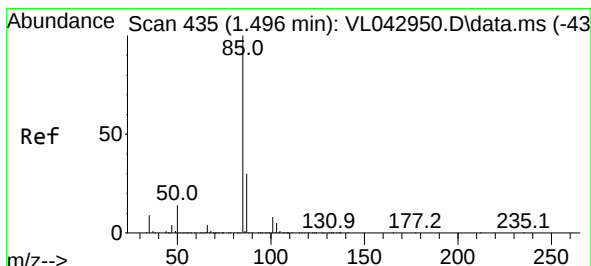
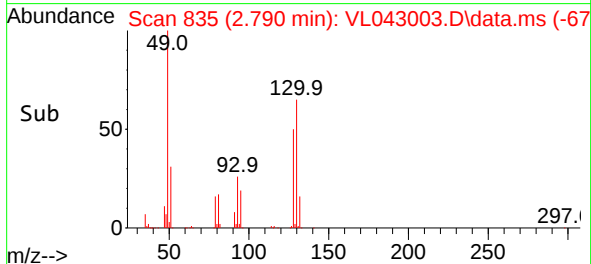
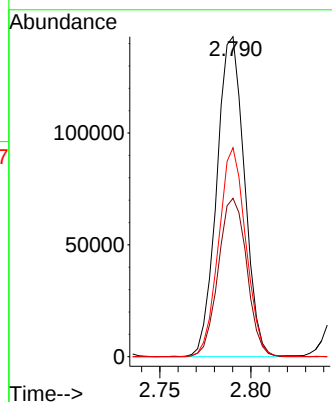
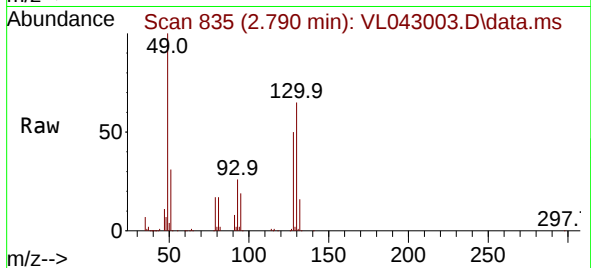




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

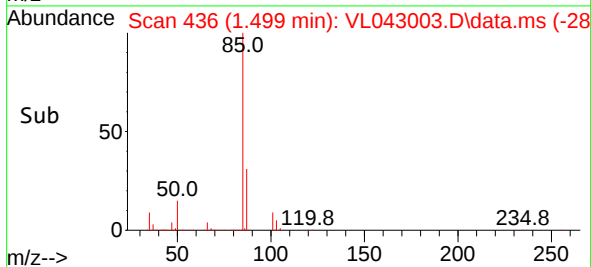
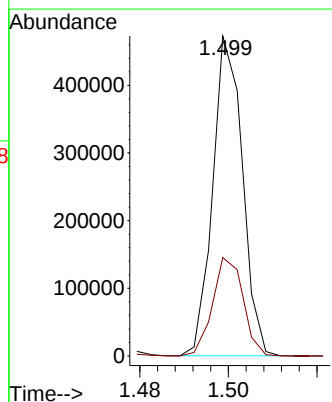
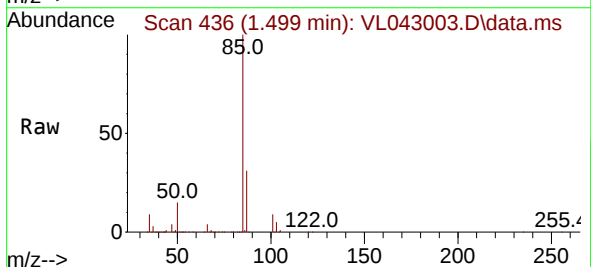
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

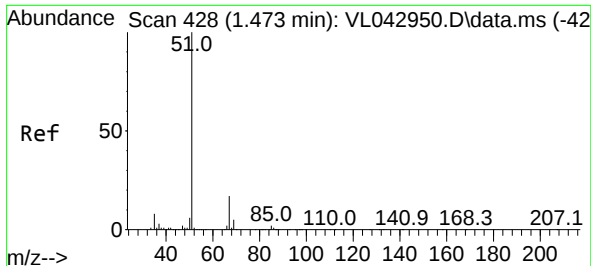
Tgt Ion: 49 Resp: 150936
Ion Ratio Lower Upper
49 100
128 50.8 22.9 68.8
130 64.3 29.1 87.3



#2
Dichlorodifluoromethane
Concen: 10.821 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 85 Resp: 219688
Ion Ratio Lower Upper
85 100
87 30.7 24.3 36.5

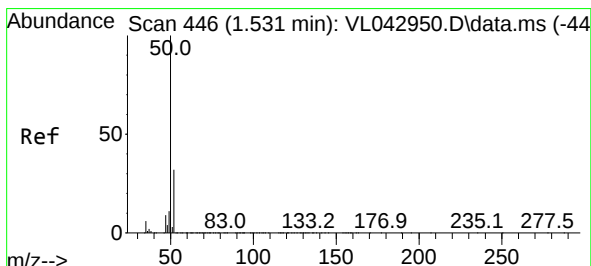
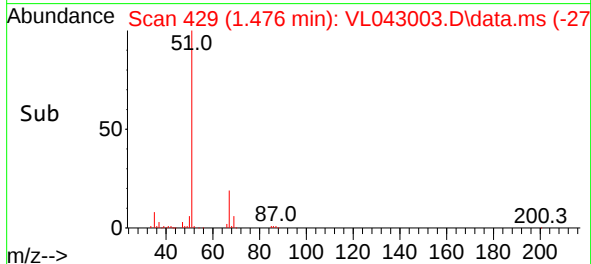
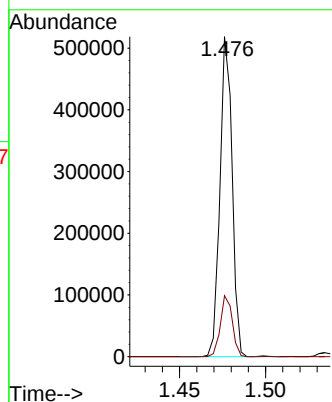
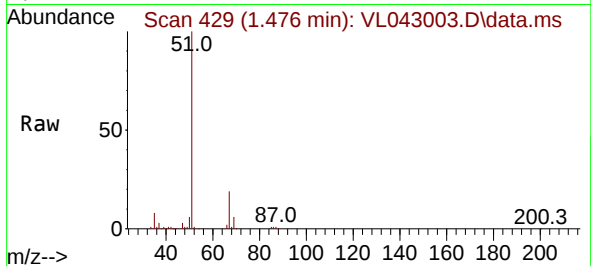




#3
Chlorodifluoromethane
Concen: 10.082 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

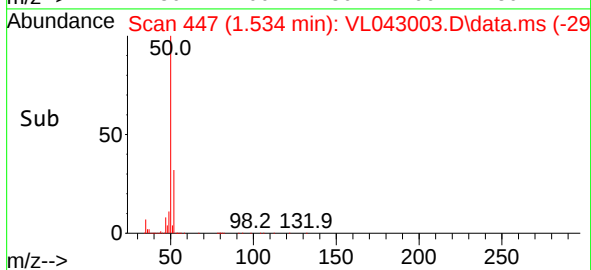
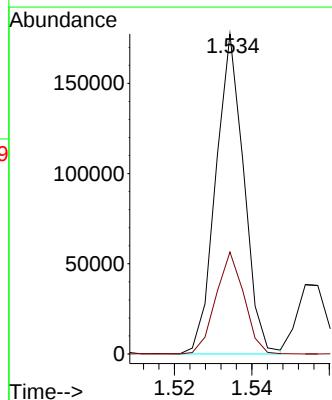
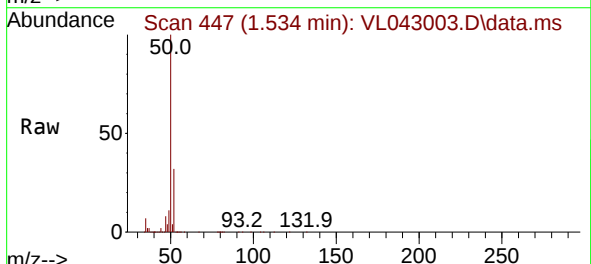
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

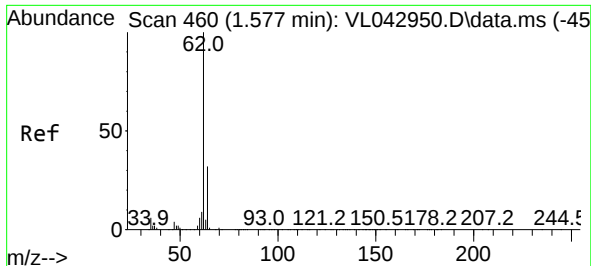
Tgt Ion: 51 Resp: 255095
Ion Ratio Lower Upper
51 100
67 18.8 13.8 20.8



#4
Chloromethane
Concen: 9.714 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 50 Resp: 89265
Ion Ratio Lower Upper
50 100
52 31.9 25.9 38.9

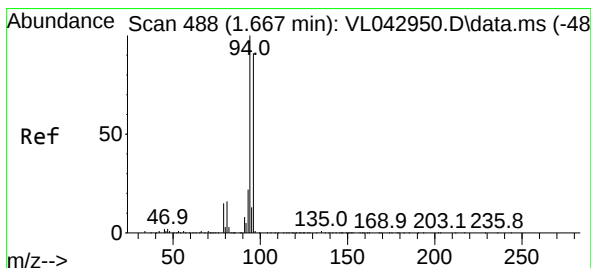
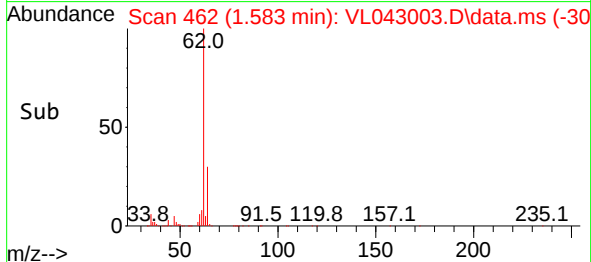
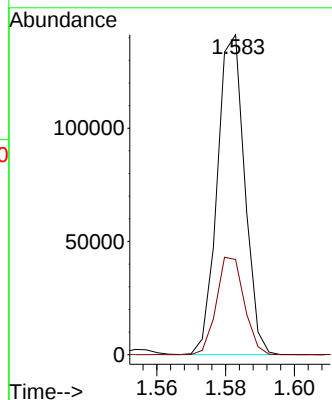
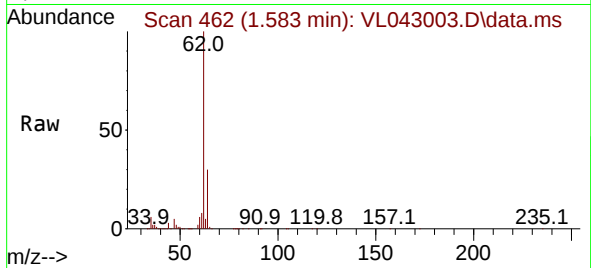




#5
 Vinyl Chloride
 Concen: 9.411 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.006 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

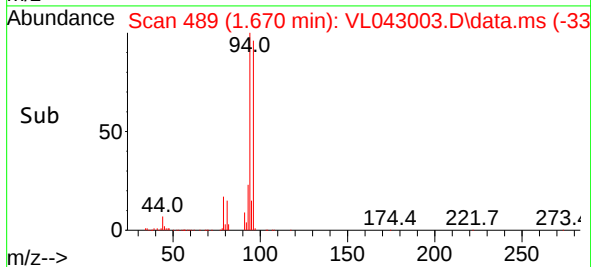
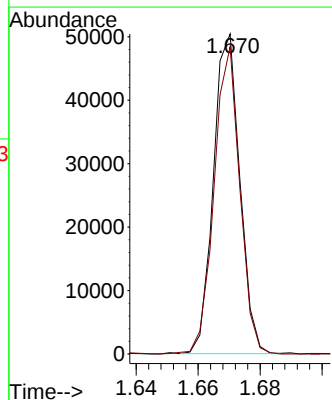
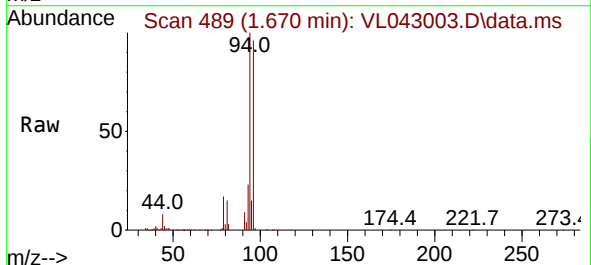
Instrument :
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 ClientSampleId :
 VL0924ABS01

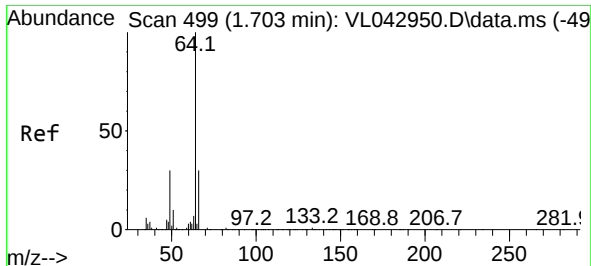
Tgt Ion: 62 Resp: 78179
 Ion Ratio Lower Upper
 62 100
 64 29.7 25.4 38.2



#6
 Bromomethane
 Concen: 10.164 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

Tgt Ion: 94 Resp: 29783
 Ion Ratio Lower Upper
 94 100
 96 96.2 72.6 108.8

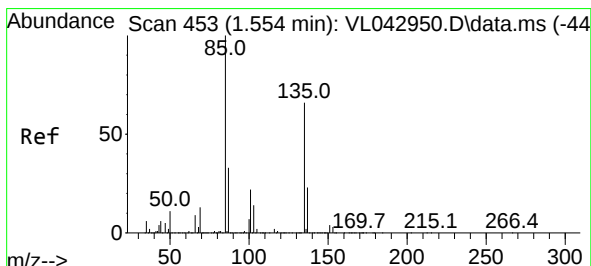
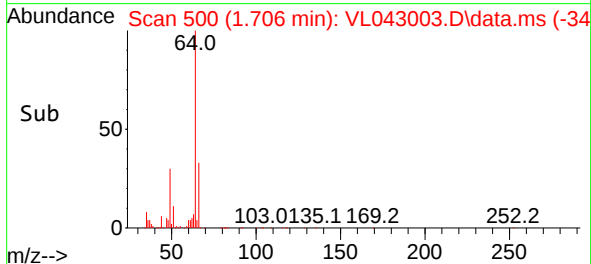
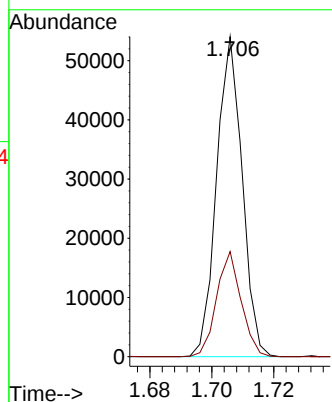
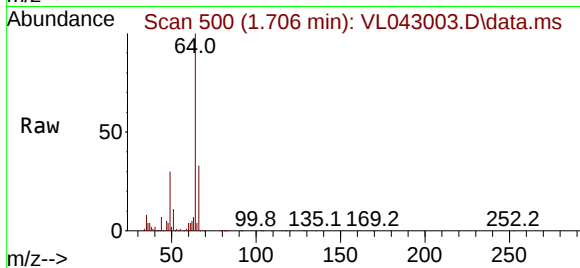




#7
Chloroethane
Concen: 9.593 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

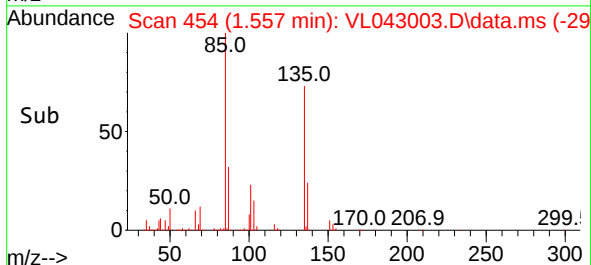
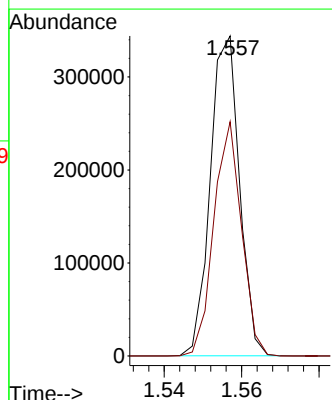
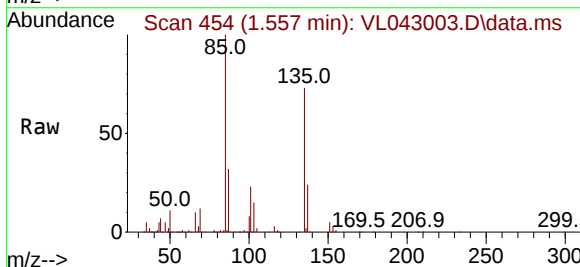
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MSVOA_L
ClientSampleId :
VL0924ABS01

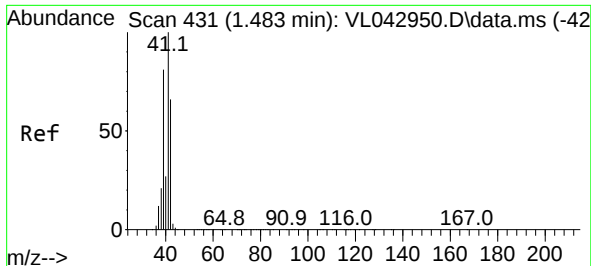
Tgt Ion: 64 Resp: 30943
Ion Ratio Lower Upper
64 100
66 32.8 24.6 36.8



#8
Dichlorotetrafluoroethane
Concen: 10.400 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 85 Resp: 180234
Ion Ratio Lower Upper
85 100
135 69.5 49.7 74.5





#9

Propene

Concen: 8.603 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

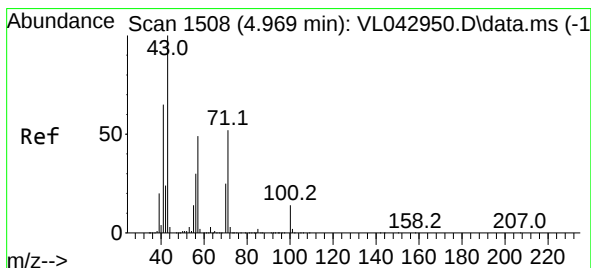
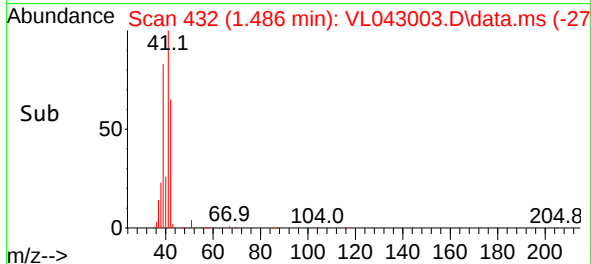
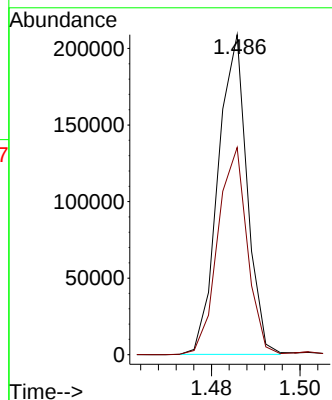
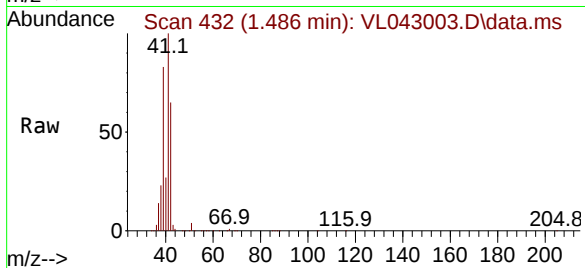
VL0924ABS01

Tgt Ion: 41 Resp: 94701

Ion Ratio Lower Upper

41 100

42 67.2 57.4 86.2



#10

Heptane

Concen: 9.340 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. 0.016 min

Lab File: VL043003.D

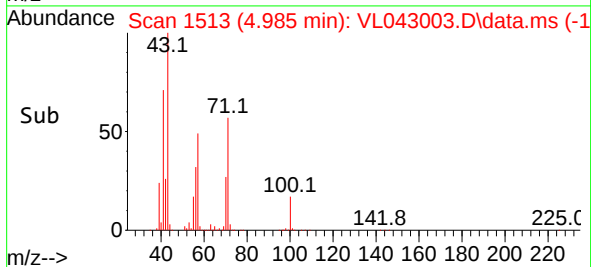
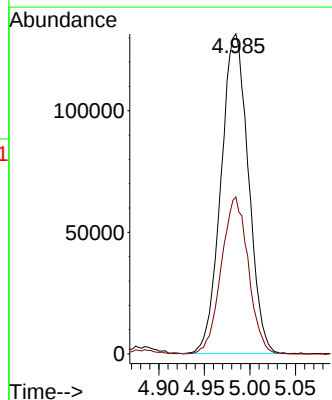
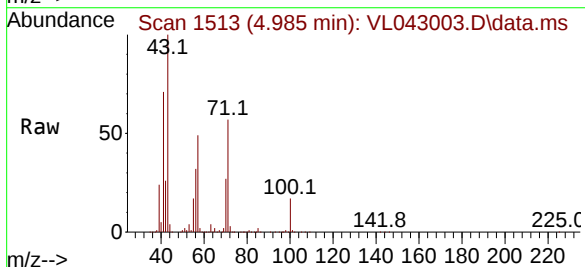
Acq: 24 Sep 2025 10:47

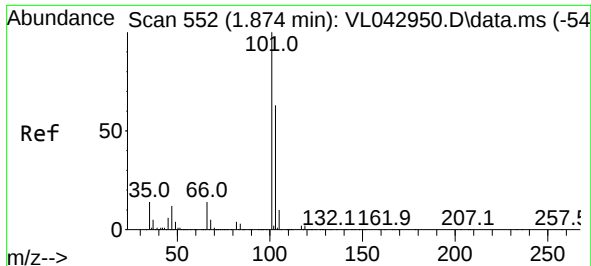
Tgt Ion: 43 Resp: 274374

Ion Ratio Lower Upper

43 100

57 48.4 38.6 57.8

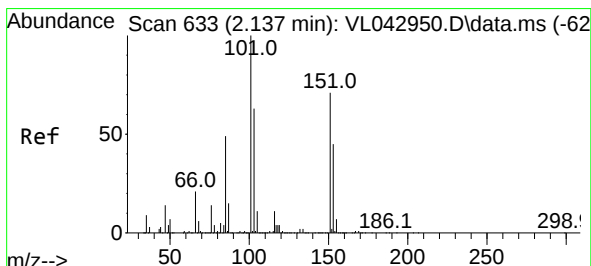
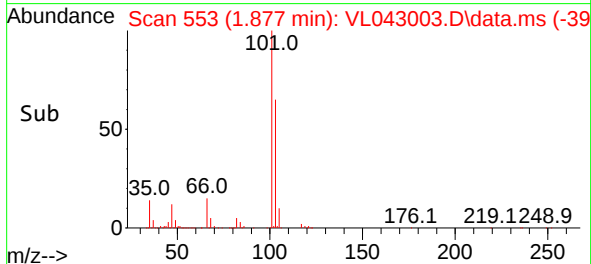
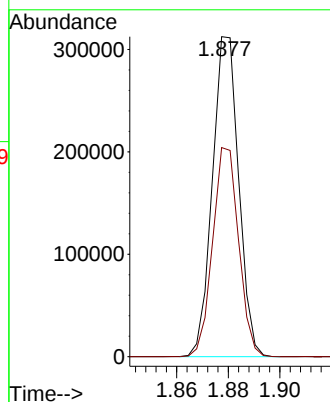
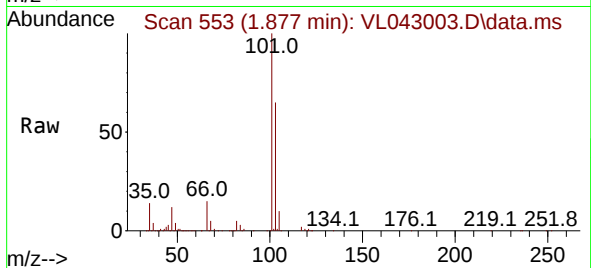




#11
 Trichlorofluoromethane
 Concen: 11.314 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

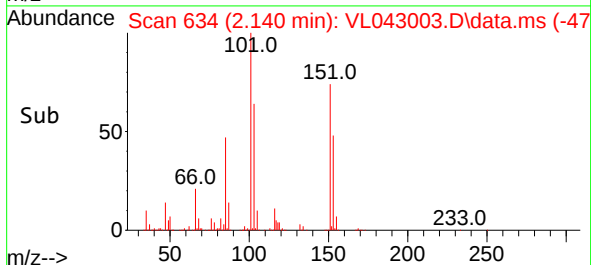
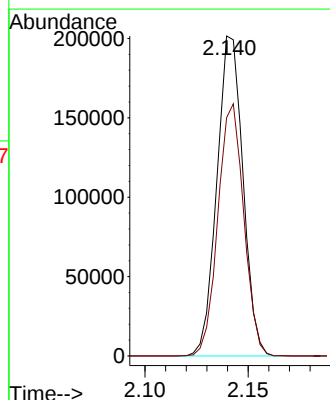
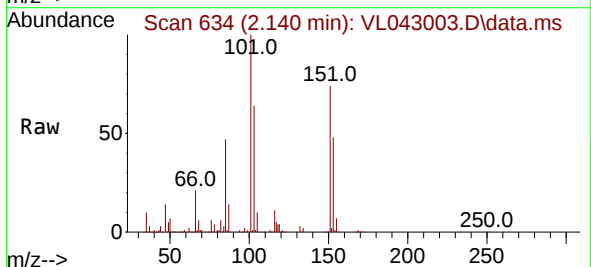
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0924ABS01

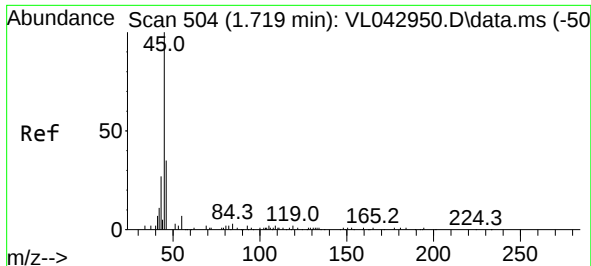
Tgt Ion:101 Resp: 221460
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.1 75.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.186 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

Tgt Ion:101 Resp: 177315
 Ion Ratio Lower Upper
 101 100
 151 78.0 55.7 83.5

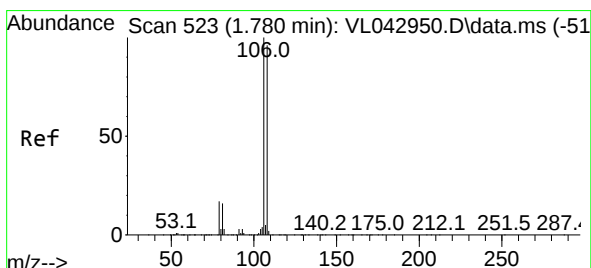
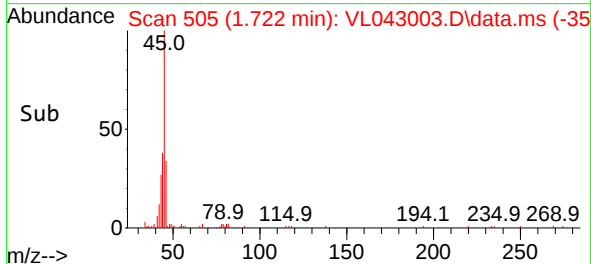
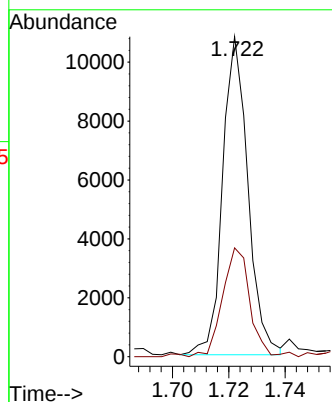
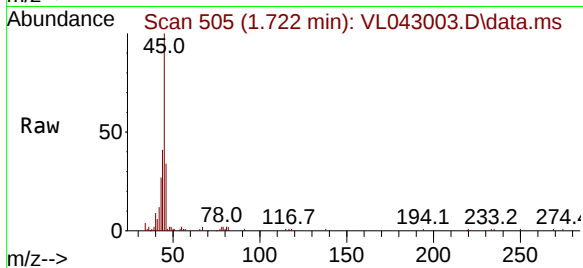




#13
 Ethanol
 Concen: 6.319 ppbv
 RT: 1.722 min Scan# 504
 Delta R.T. 0.003 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

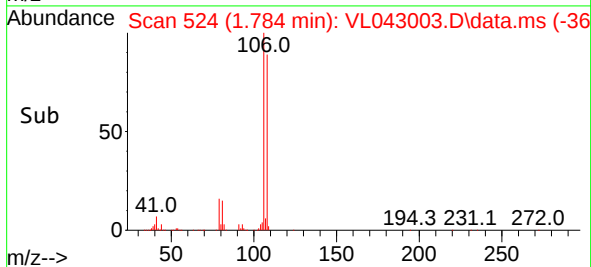
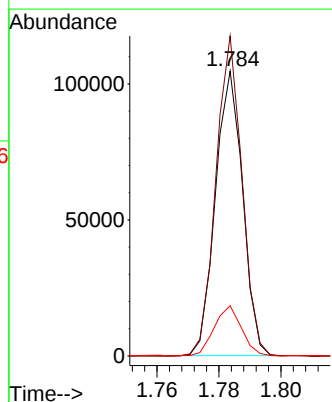
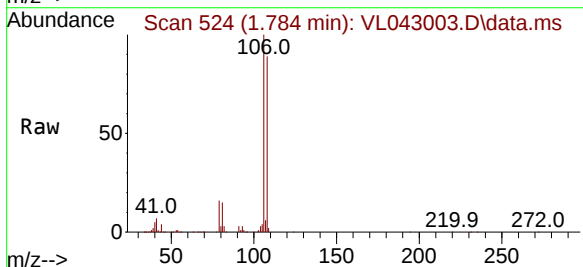
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0924ABS01

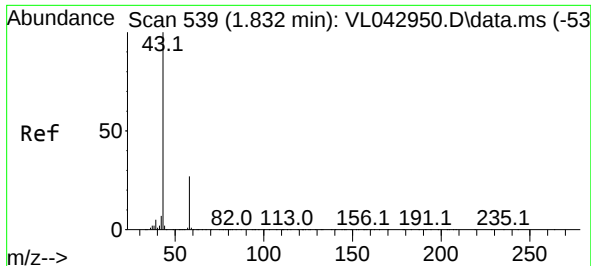
Tgt Ion: 45 Resp: 6747
 Ion Ratio Lower Upper
 45 100
 46 37.4 16.2 64.6



#14
 Bromoethene
 Concen: 10.649 ppbv
 RT: 1.784 min Scan# 524
 Delta R.T. 0.003 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

Tgt Ion: 108 Resp: 63818
 Ion Ratio Lower Upper
 108 100
 106 107.7 86.0 129.0
 79 18.2 14.2 21.2

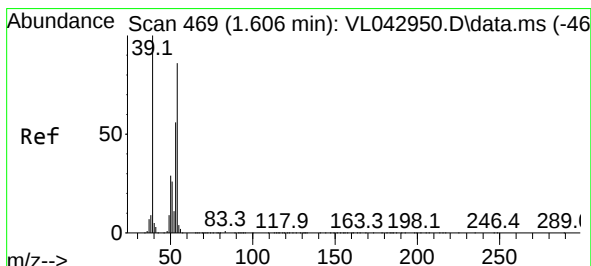
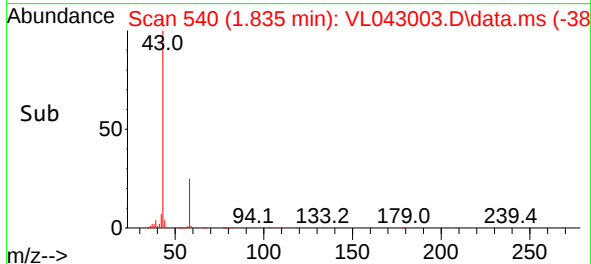
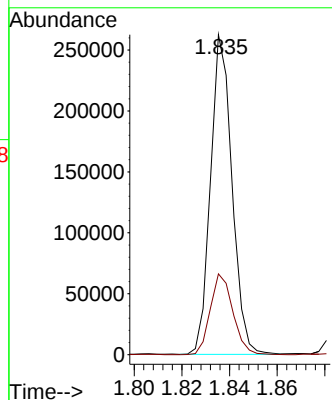
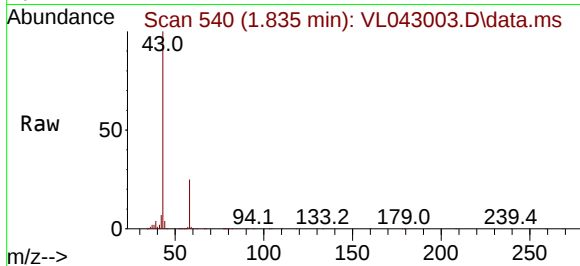




#15
Acetone
Concen: 8.357 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

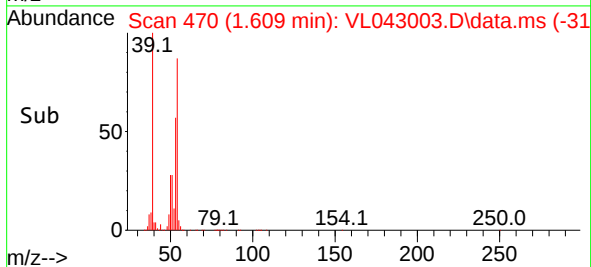
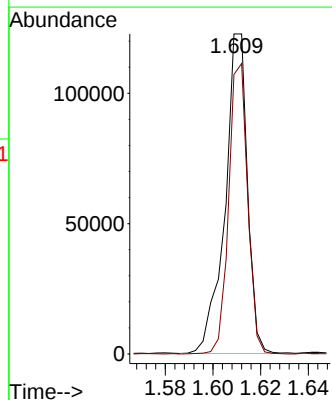
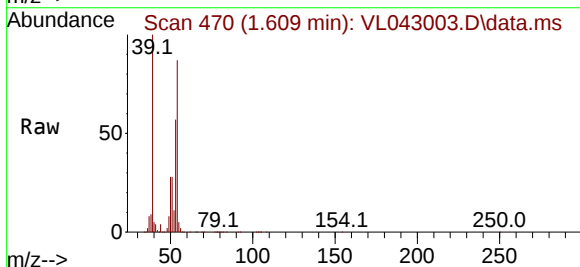
Instrument :
MSVOA_1
ClientSampleId :
VL0924ABS01

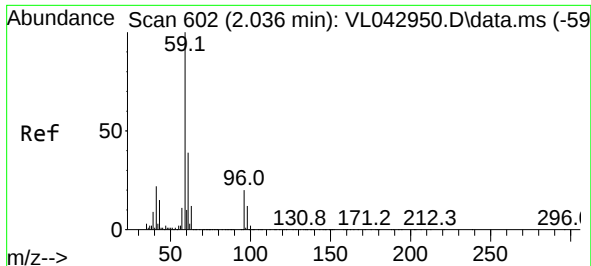
Tgt Ion: 43 Resp: 164292
Ion Ratio Lower Upper
43 100
58 26.7 22.3 33.5



#16
1,3-Butadiene
Concen: 8.695 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 39 Resp: 80632
Ion Ratio Lower Upper
39 100
54 77.0 60.8 91.2





#17

tert-Butyl alcohol

Concen: 8.210 ppbv

RT: 2.042 min Scan# 604

Delta R.T. 0.006 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

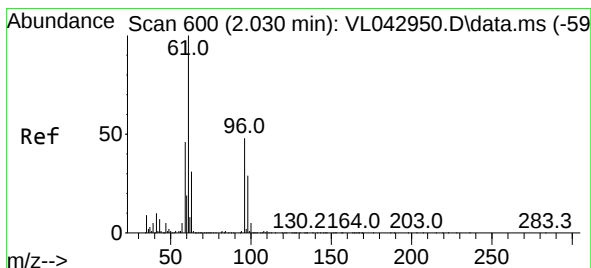
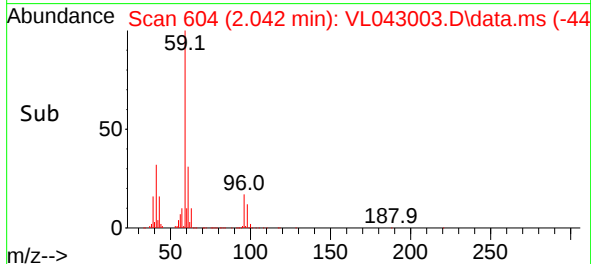
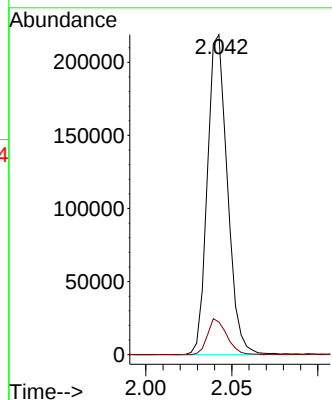
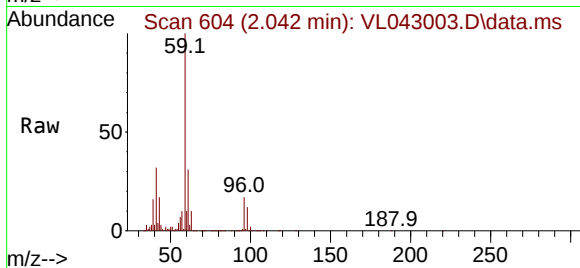
VL0924ABS01

Tgt Ion: 59 Resp: 177016

Ion Ratio Lower Upper

59 100

57 10.9 8.6 12.8



#18

1,1-Dichloroethene

Concen: 10.402 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.006 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

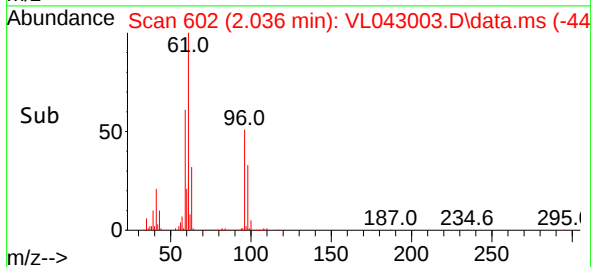
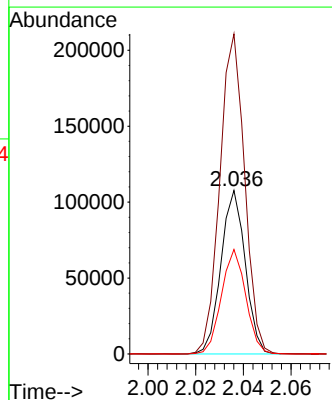
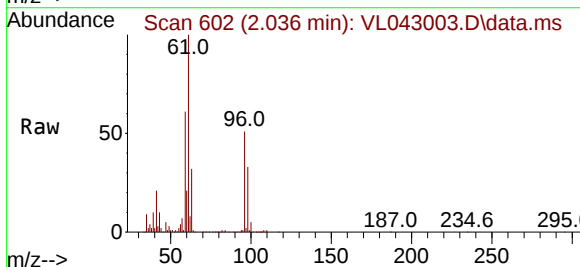
Tgt Ion: 96 Resp: 76322

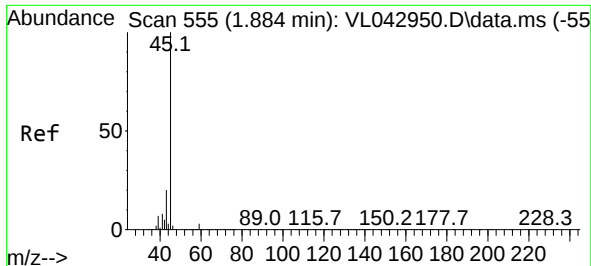
Ion Ratio Lower Upper

96 100

61 195.7 166.2 249.4

98 64.0 48.6 73.0

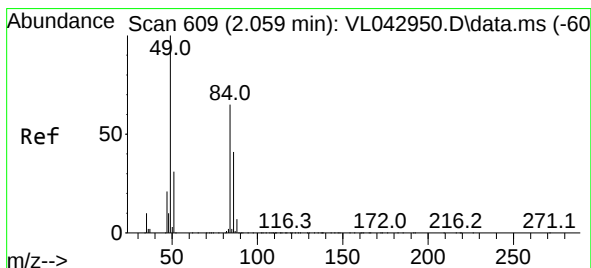
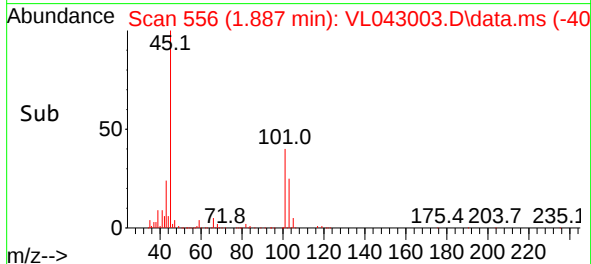
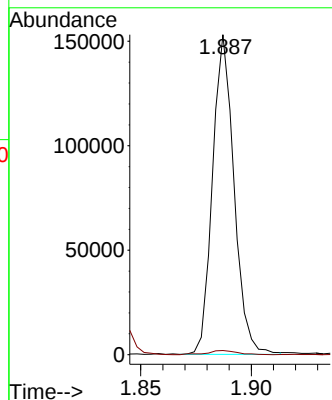
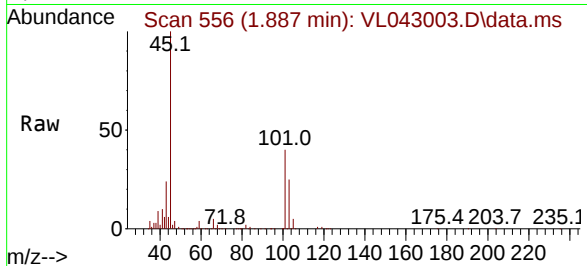




#19
Isopropyl Alcohol
Concen: 8.755 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

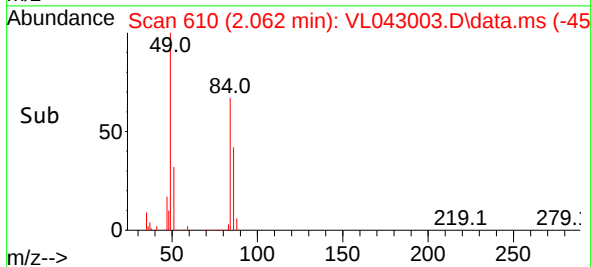
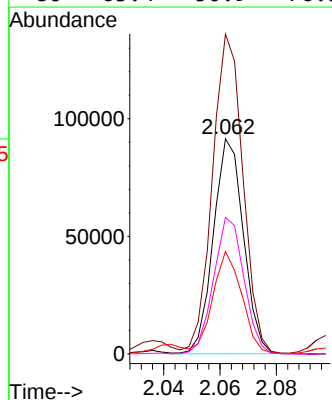
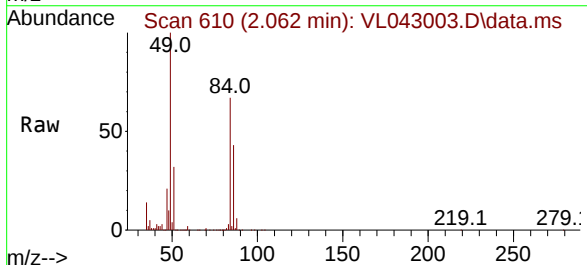
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

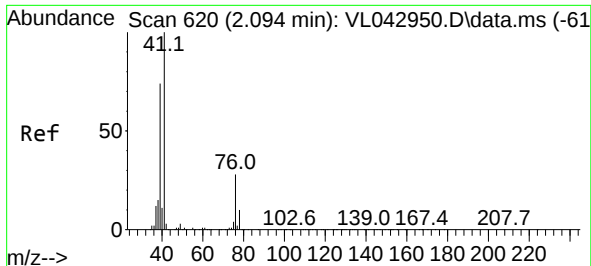
Tgt Ion: 45 Resp: 103468
Ion Ratio Lower Upper
45 100
58 1.9 31.0 46.6#



#20
Methylene Chloride
Concen: 11.658 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 84 Resp: 67676
Ion Ratio Lower Upper
84 100
49 148.4 124.1 186.1
51 47.5 39.8 59.8
86 63.4 50.9 76.3

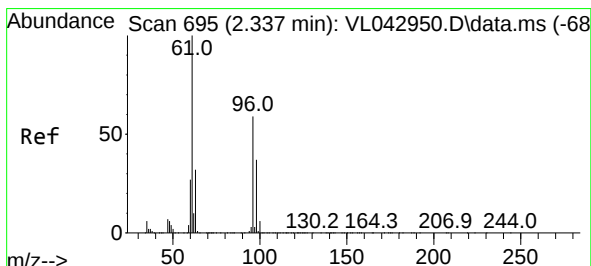
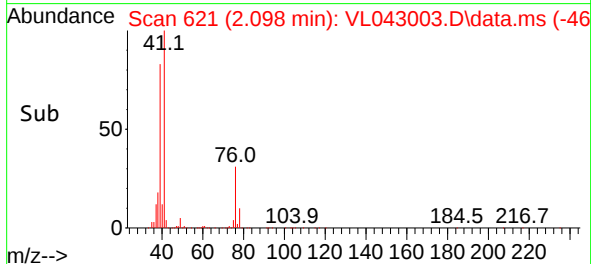
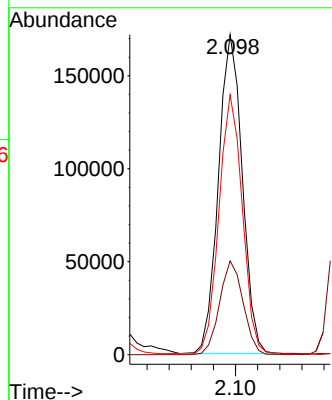
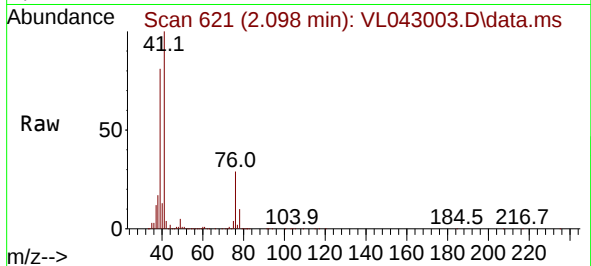




#21
 Allyl Chloride
 Concen: 9.385 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

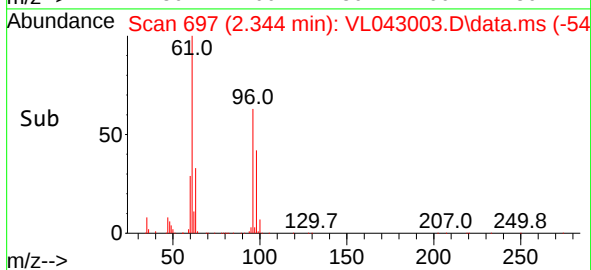
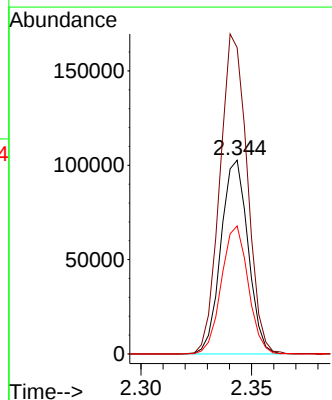
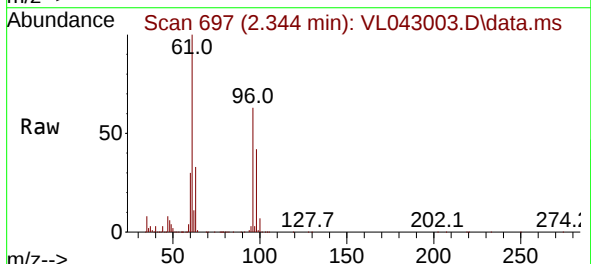
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0924ABS01

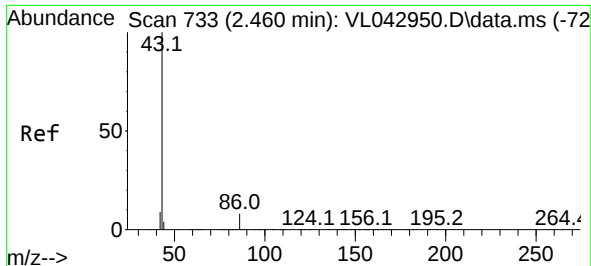
Tgt Ion: 41 Resp: 128489
 Ion Ratio Lower Upper
 41 100
 76 28.9 22.3 33.5
 39 79.5 61.3 91.9



#22
 trans-1,2-Dichloroethene
 Concen: 10.513 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

Tgt Ion: 96 Resp: 87647
 Ion Ratio Lower Upper
 96 100
 61 158.1 136.5 204.7
 98 66.1 50.6 76.0



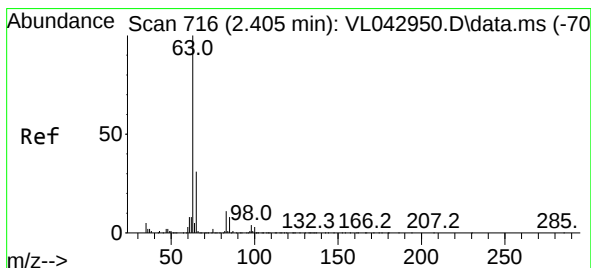
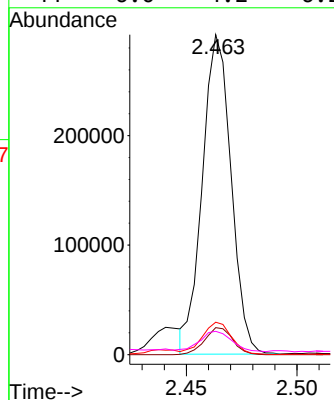
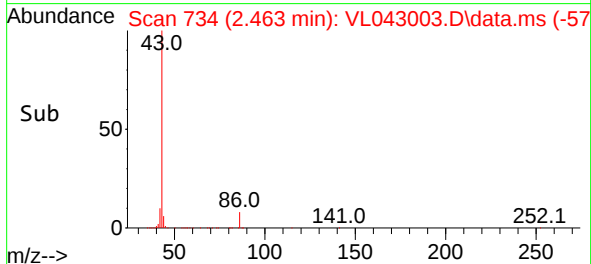
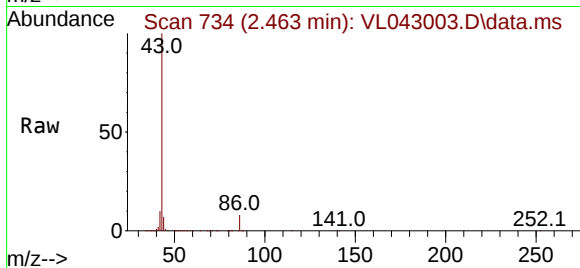


#23
 Vinyl Acetate
 Concen: 9.384 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. 0.003 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0924ABS01

Tgt Ion: 43 Resp: 263532

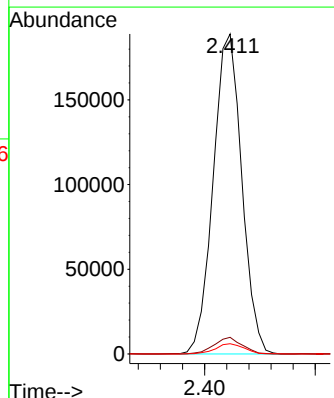
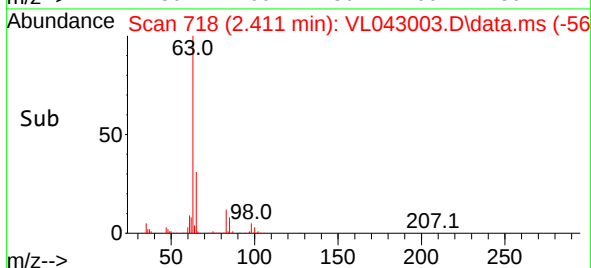
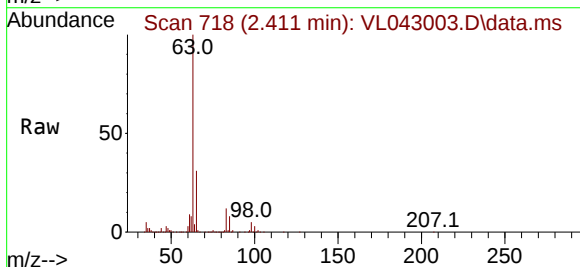
Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.2	9.2
42	10.1	7.4	11.0
44	6.0	4.2	6.2

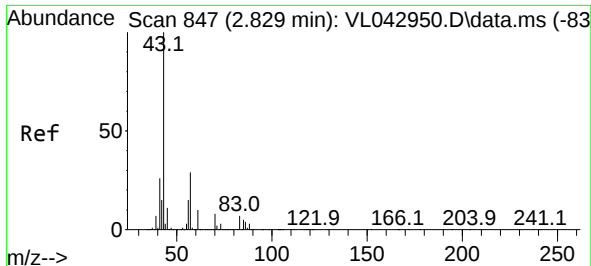


#24
 1,1-Dichloroethane
 Concen: 10.350 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

Tgt Ion: 63 Resp: 169220

Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.2	6.6
100	3.2	1.4	4.0





#25

Ethyl Acetate

Concen: 9.642 ppbv

RT: 2.835 min Scan# 84

Delta R.T. 0.006 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_1

ClientSampleId :

VL0924ABS01

Tgt Ion: 43 Resp: 479080

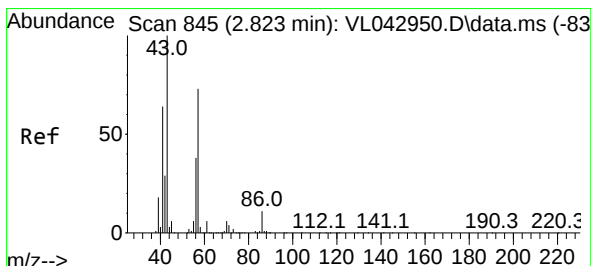
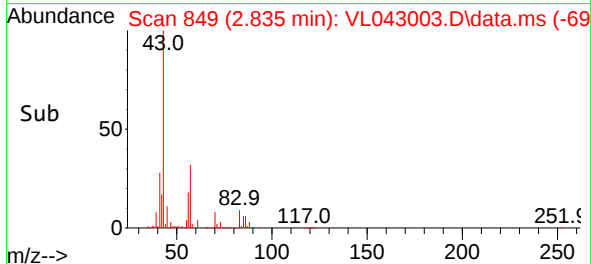
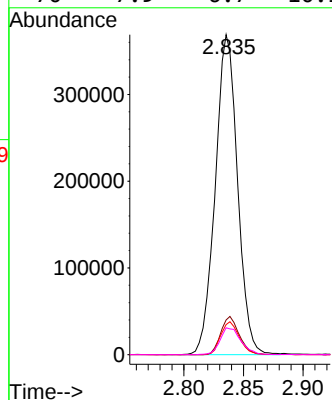
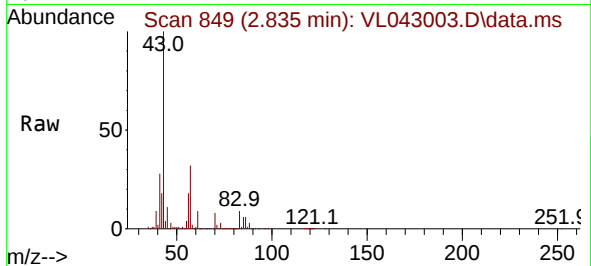
Ion Ratio Lower Upper

43 100

45 9.9 7.7 11.5

61 8.6 7.1 10.7

70 7.9 6.7 10.1



#26

Hexane

Concen: 9.374 ppbv

RT: 2.829 min Scan# 847

Delta R.T. 0.006 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Tgt Ion: 57 Resp: 212295

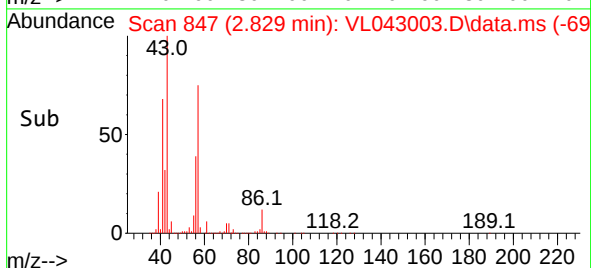
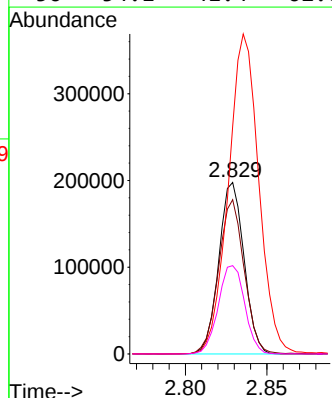
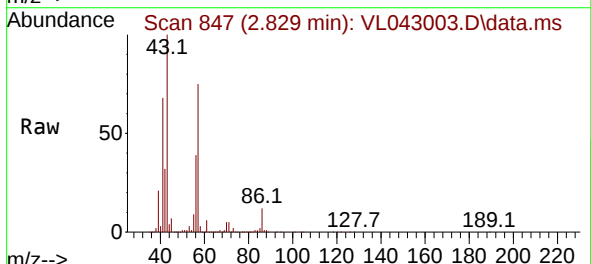
Ion Ratio Lower Upper

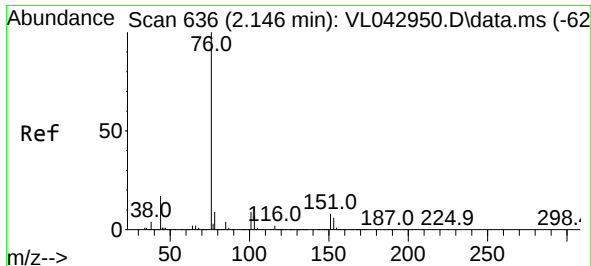
57 100

41 92.4 71.7 107.5

43 226.2 180.8 271.2

56 54.1 41.4 62.0

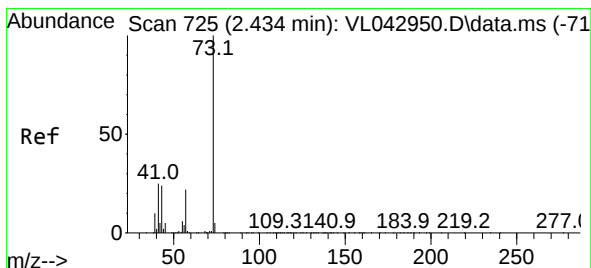
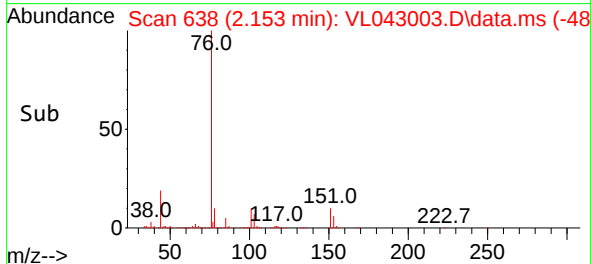
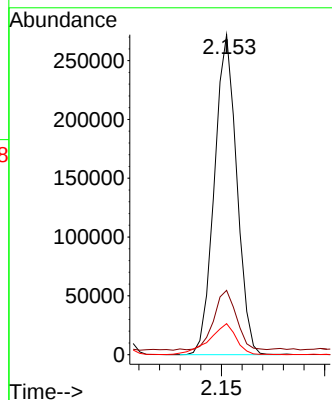
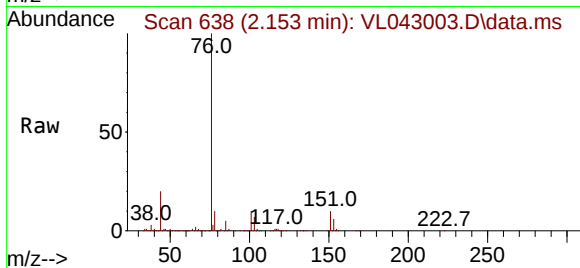




#27
Carbon Disulfide
Concen: 10.077 ppbv
RT: 2.153 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

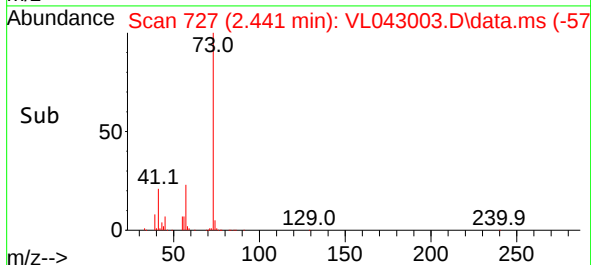
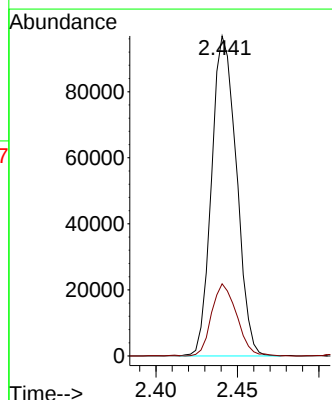
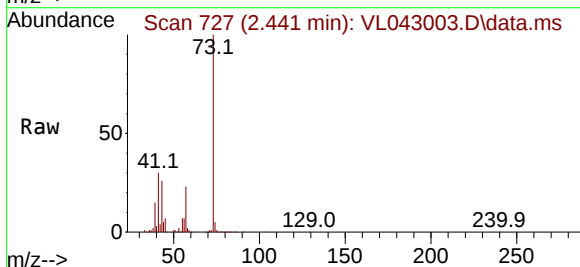
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

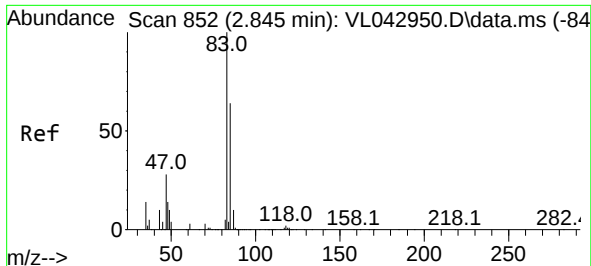
Tgt Ion: 76 Resp: 204686
Ion Ratio Lower Upper
76 100
44 20.5 15.6 23.4
78 11.7 8.9 13.3



#28
Methyl tert-Butyl Ether
Concen: 8.724 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.006 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 73 Resp: 102709
Ion Ratio Lower Upper
73 100
57 23.0 20.6 31.0





#29

Chloroform

Concen: 11.050 ppbv

RT: 2.852 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

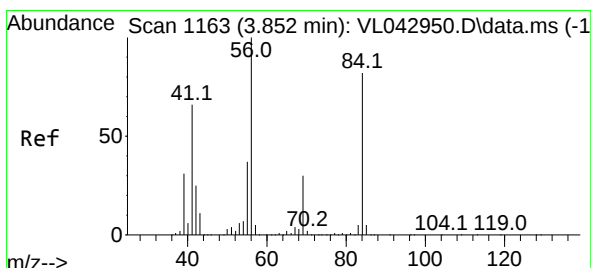
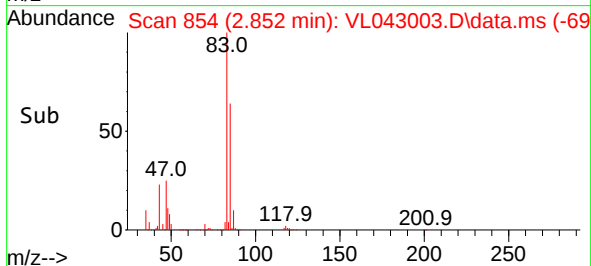
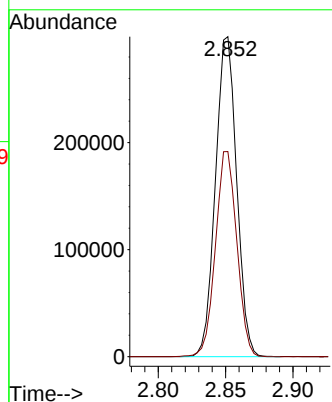
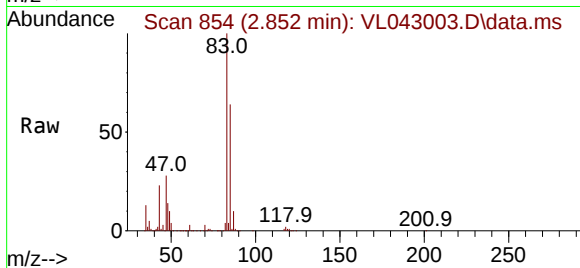
VL0924ABS01

Tgt Ion: 83 Resp: 327227

Ion Ratio Lower Upper

83 100

85 64.1 51.2 76.8



#30

Cyclohexane

Concen: 9.579 ppbv

RT: 3.861 min Scan# 1166

Delta R.T. 0.010 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

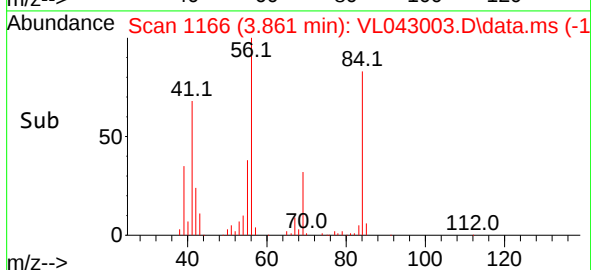
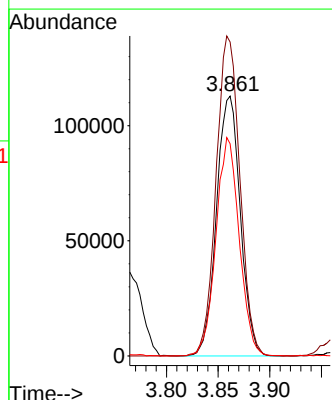
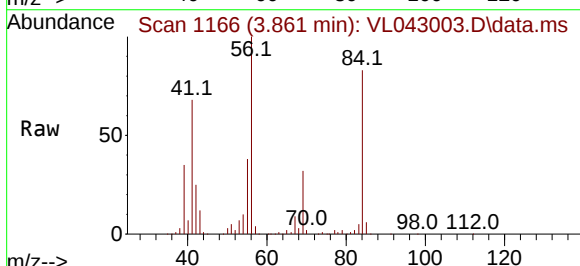
Tgt Ion: 84 Resp: 181395

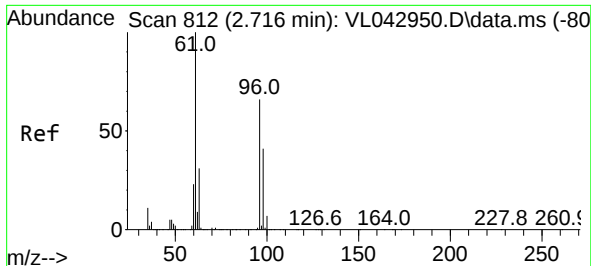
Ion Ratio Lower Upper

84 100

56 122.7 102.2 153.4

41 82.2 65.6 98.4

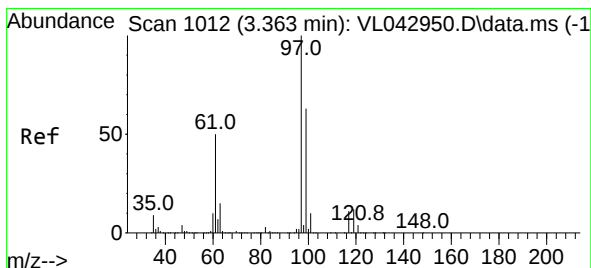
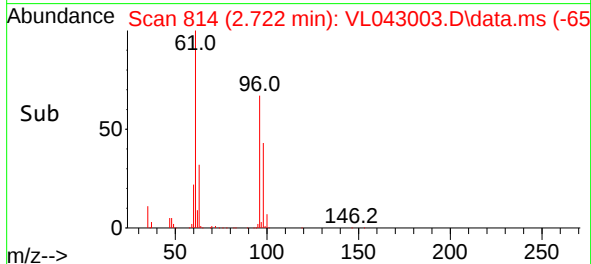
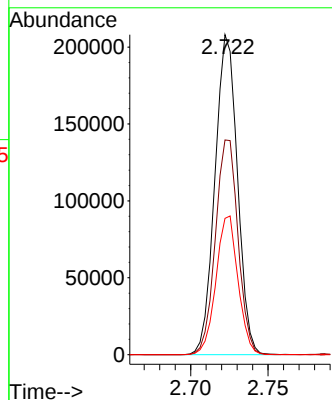
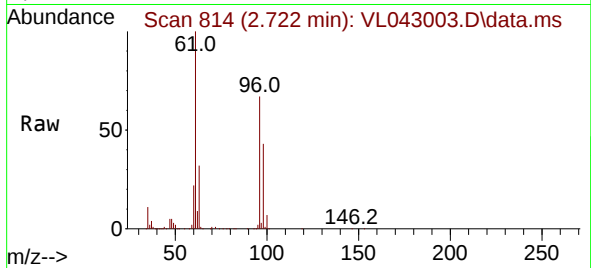




#31
 cis-1,2-Dichloroethene
 Concen: 9.918 ppbv
 RT: 2.722 min Scan# 812
 Delta R.T. 0.006 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

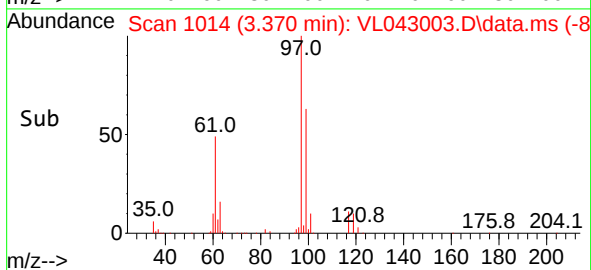
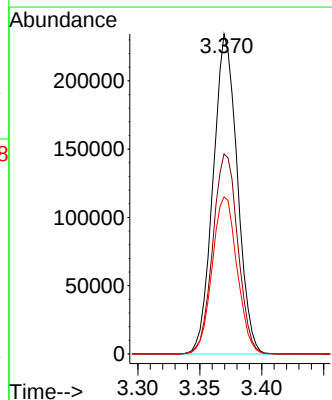
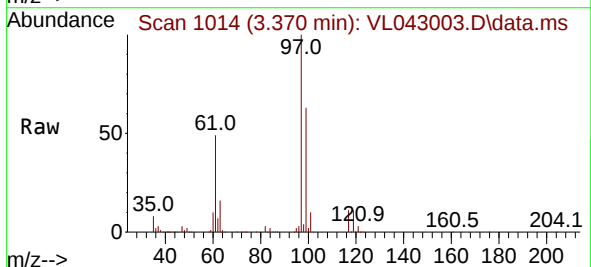
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0924ABS01

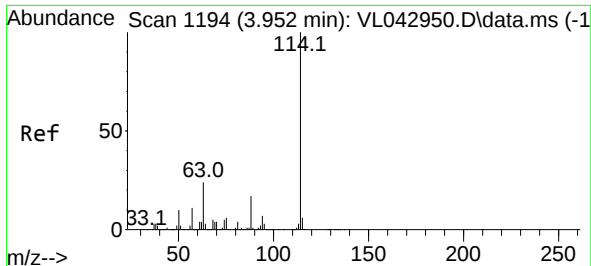
Tgt Ion: 61 Resp: 210432
 Ion Ratio Lower Upper
 61 100
 96 67.1 53.0 79.6
 98 42.6 32.9 49.3



#32
 1,1,1-Trichloroethane
 Concen: 9.957 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. 0.006 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

Tgt Ion: 97 Resp: 318480
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.1 76.7
 61 50.6 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.010 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0924ABS01

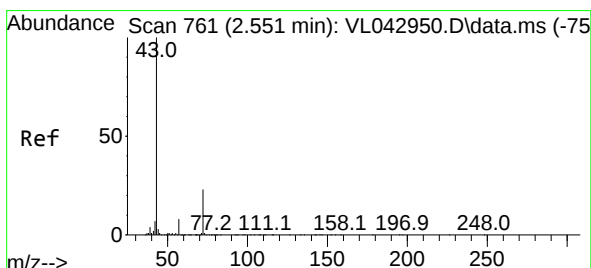
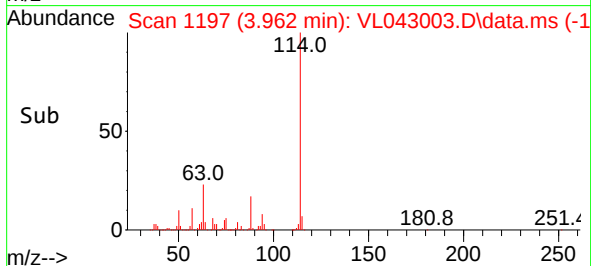
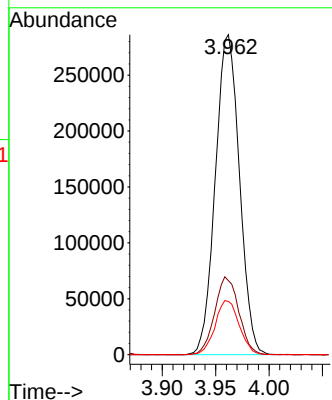
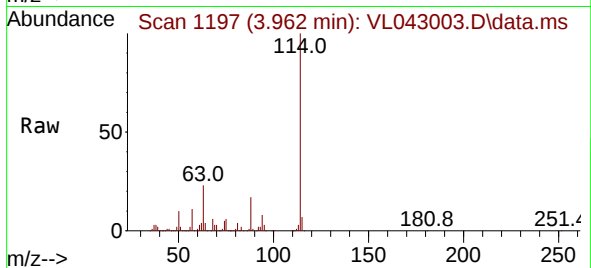
Tgt Ion:114 Resp: 449573

Ion Ratio Lower Upper

114 100

63 24.3 19.4 29.2

88 16.9 14.2 21.2



#34

2-Butanone

Concen: 9.890 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.006 min

Lab File: VL043003.D

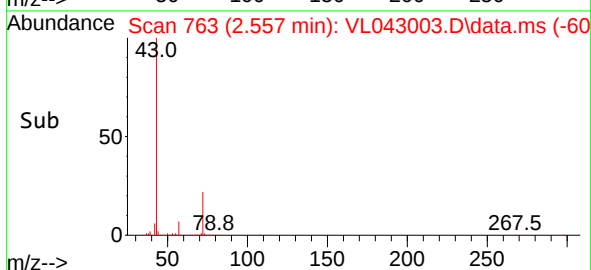
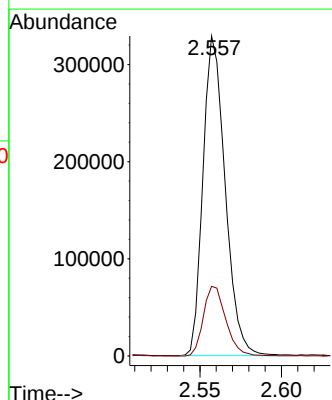
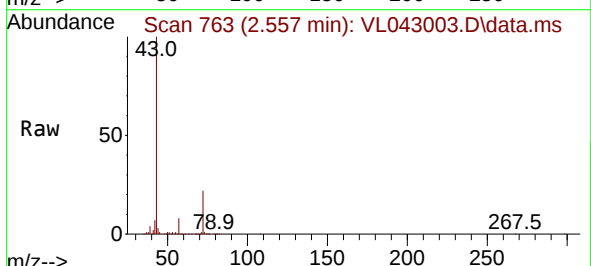
Acq: 24 Sep 2025 10:47

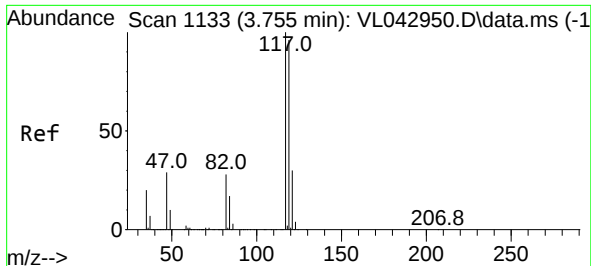
Tgt Ion: 43 Resp: 311605

Ion Ratio Lower Upper

43 100

72 22.2 17.7 26.5

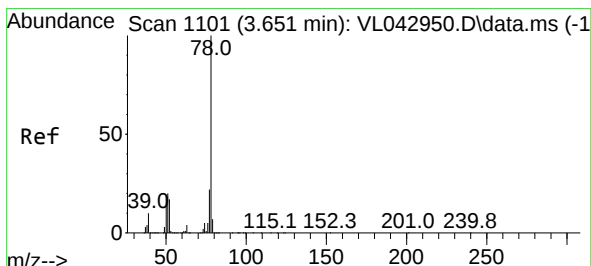
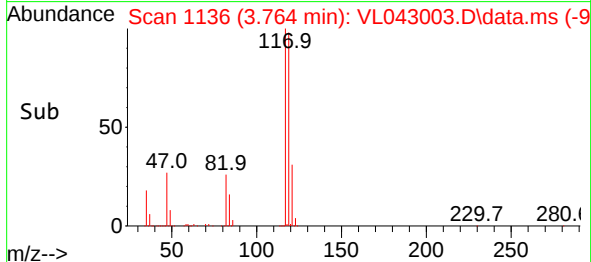
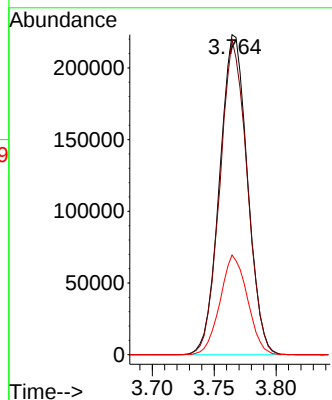
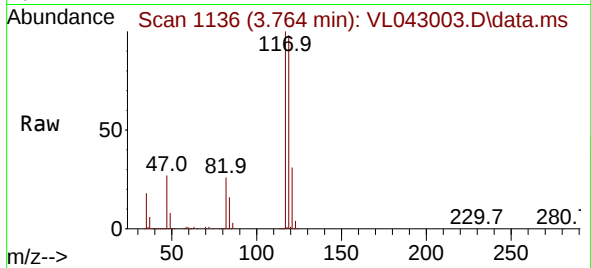




#35
Carbon Tetrachloride
Concen: 11.936 ppbv
RT: 3.764 min Scan# 1136
Delta R.T. 0.010 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

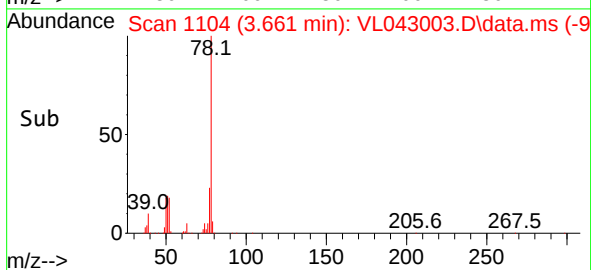
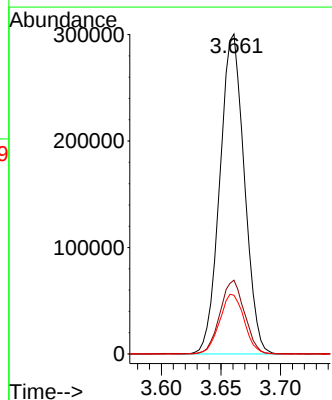
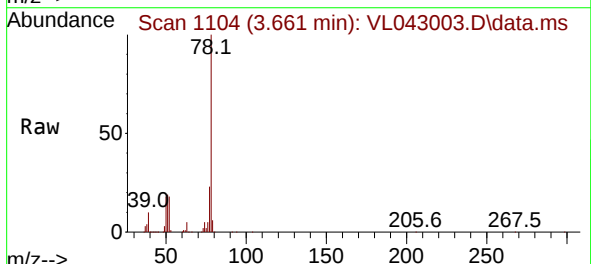
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

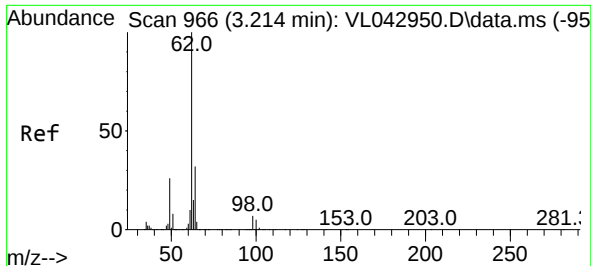
Tgt Ion:117 Resp: 349345
Ion Ratio Lower Upper
117 100
119 98.4 76.9 115.3
121 31.2 23.7 35.5



#36
Benzene
Concen: 10.160 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.010 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 78 Resp: 428947
Ion Ratio Lower Upper
78 100
77 23.0 17.8 26.6
50 18.3 15.0 22.4





#37

1,2-Dichloroethane

Concen: 11.066 ppbv

RT: 3.221 min Scan# 9

Delta R.T. 0.006 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

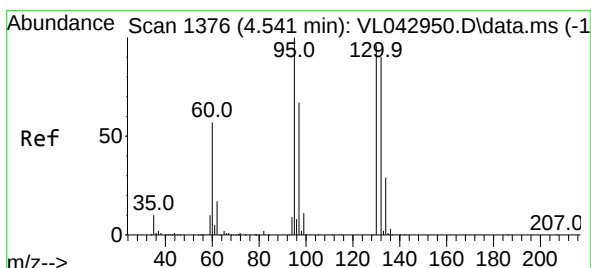
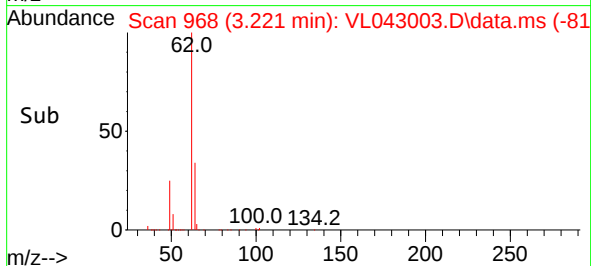
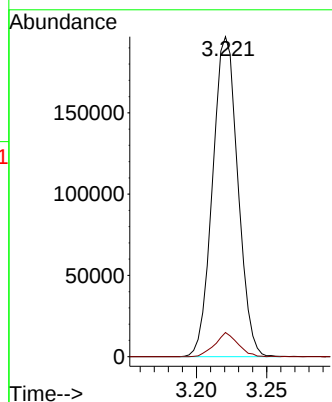
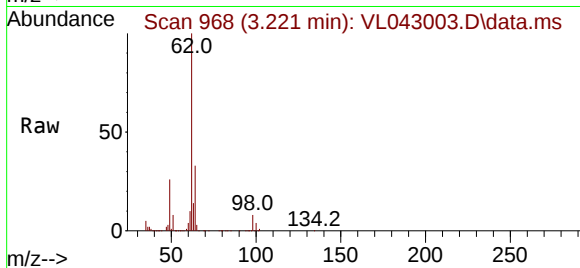
VL0924ABS01

Tgt Ion: 62 Resp: 245698

Ion Ratio Lower Upper

62 100

98 6.9 5.9 8.9



#38

Trichloroethene

Concen: 10.483 ppbv

RT: 4.554 min Scan# 1380

Delta R.T. 0.013 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Tgt Ion:130 Resp: 219940

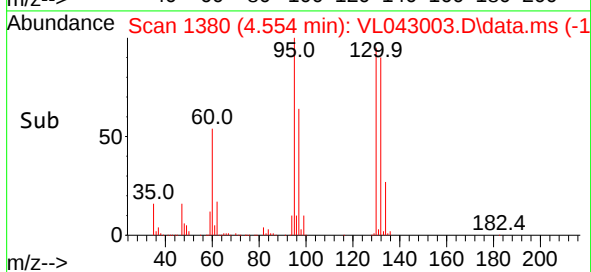
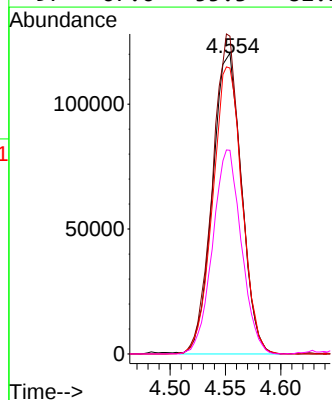
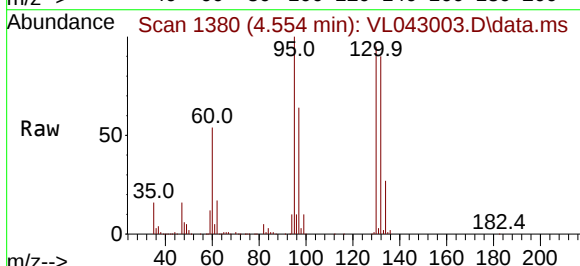
Ion Ratio Lower Upper

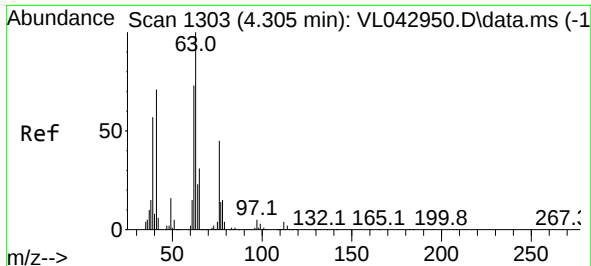
130 100

95 105.5 83.0 124.4

132 95.0 74.6 112.0

97 67.6 55.3 82.9





#39

1,2-Dichloropropane

Concen: 10.332 ppbv

RT: 4.315 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0924ABS01

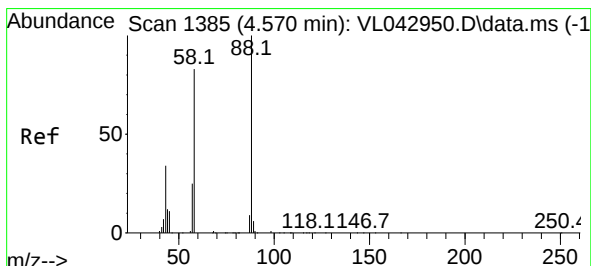
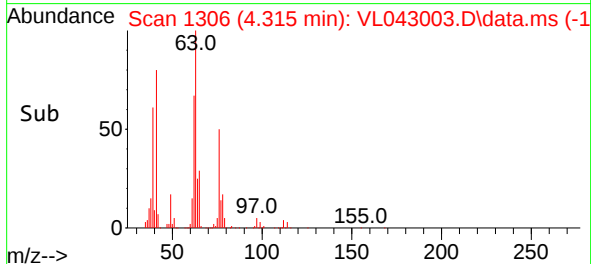
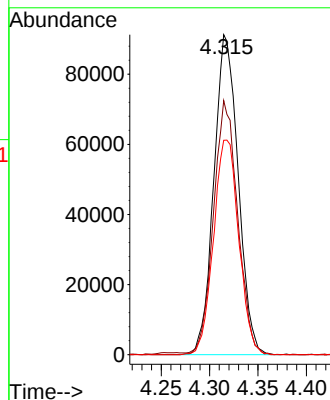
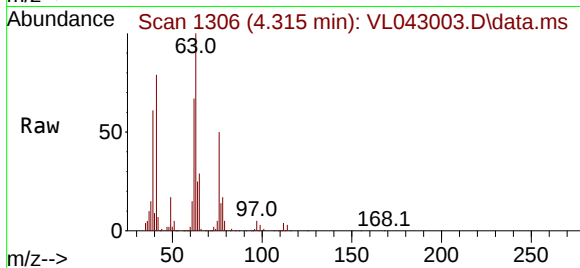
Tgt Ion: 63 Resp: 159234

Ion Ratio Lower Upper

63 100

41 79.4 57.5 86.3

62 67.0 58.5 87.7



#40

1,4-Dioxane

Concen: 9.562 ppbv

RT: 4.586 min Scan# 1390

Delta R.T. 0.016 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Tgt Ion: 88 Resp: 68528

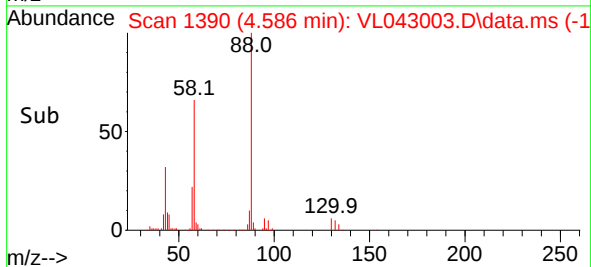
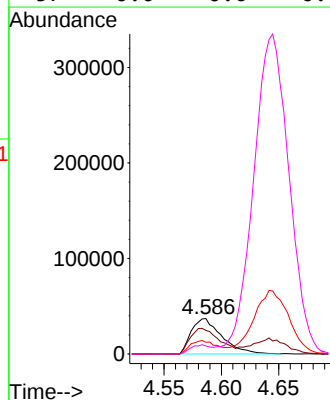
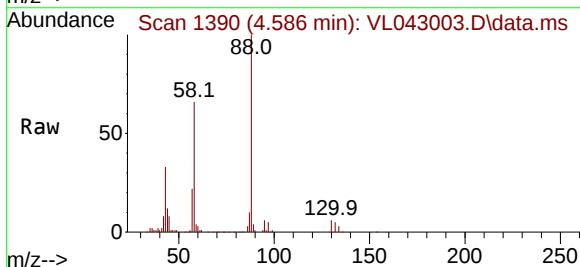
Ion Ratio Lower Upper

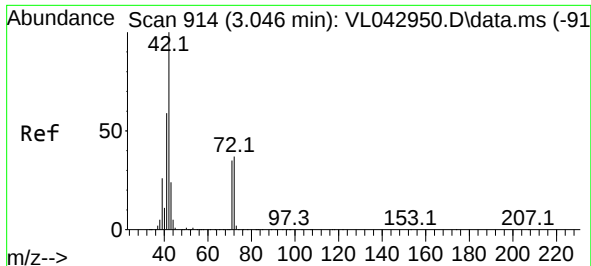
88 100

58 71.4 59.7 89.5

43 34.6 28.9 43.3

57 0.0 0.0 0.0

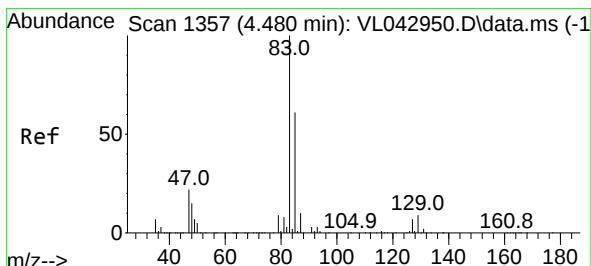
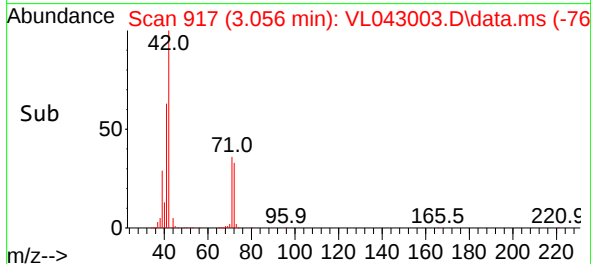
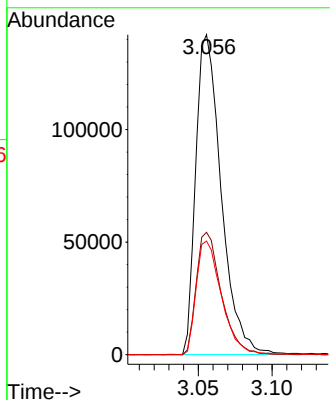
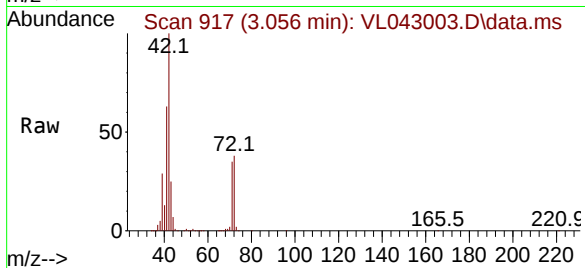




#41
Tetrahydrofuran
Concen: 9.428 ppbv
RT: 3.056 min Scan# 914
Delta R.T. 0.010 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

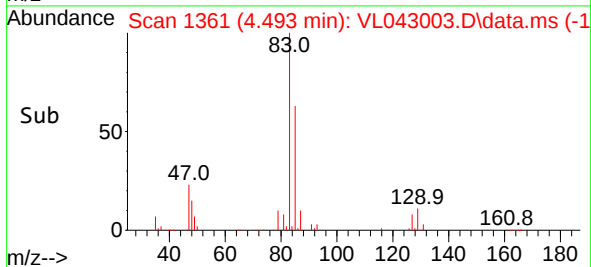
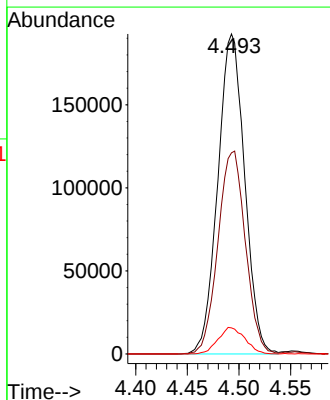
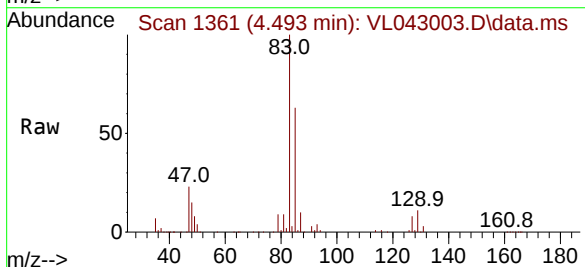
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

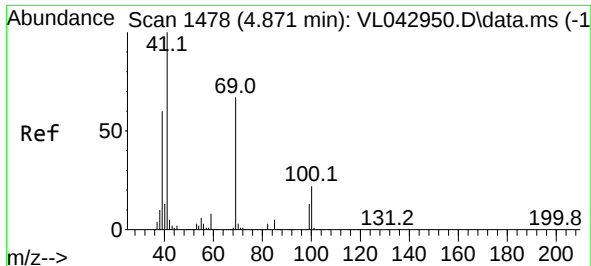
Tgt Ion: 42 Resp: 170739
Ion Ratio Lower Upper
42 100
72 37.6 30.0 45.0
71 35.4 28.8 43.2



#42
Bromodichloromethane
Concen: 11.267 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. 0.013 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 83 Resp: 348397
Ion Ratio Lower Upper
83 100
85 62.9 49.0 73.6
127 8.2 5.3 7.9#

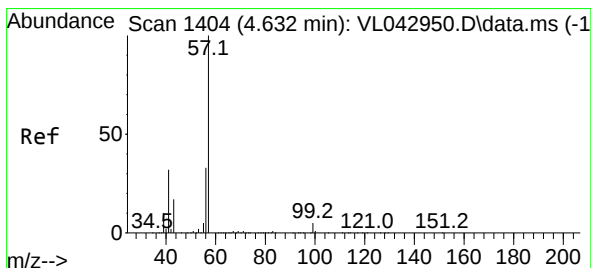
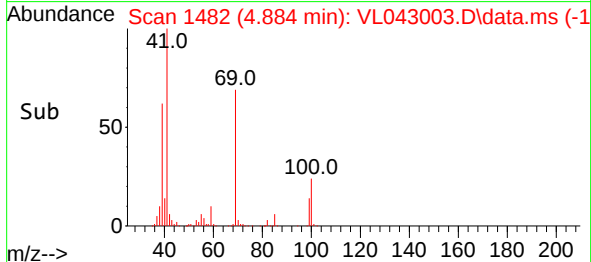
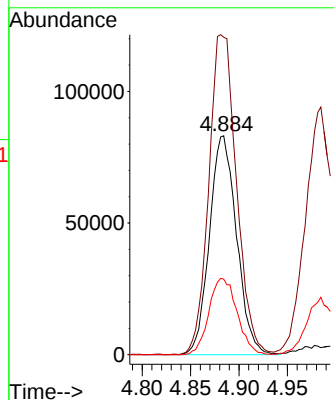
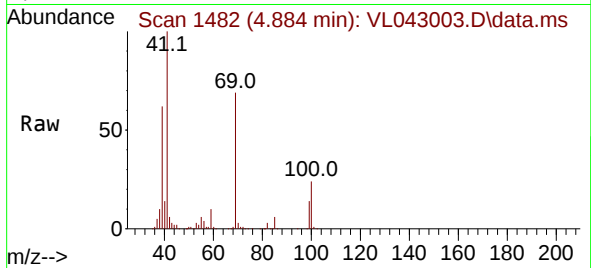




#43
Methyl Methacrylate
Concen: 9.388 ppbv
RT: 4.884 min Scan# 1482
Delta R.T. 0.013 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

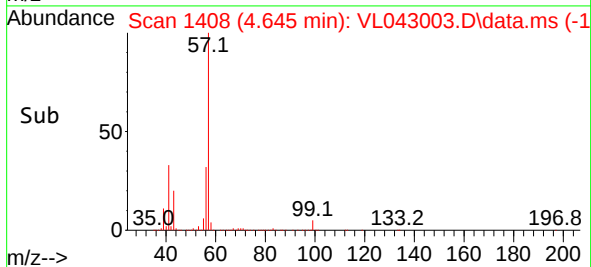
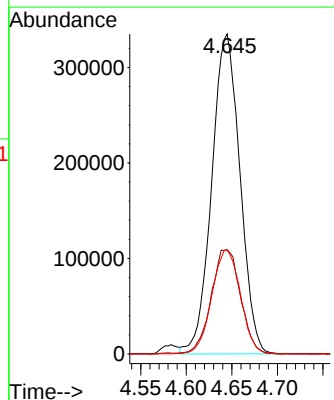
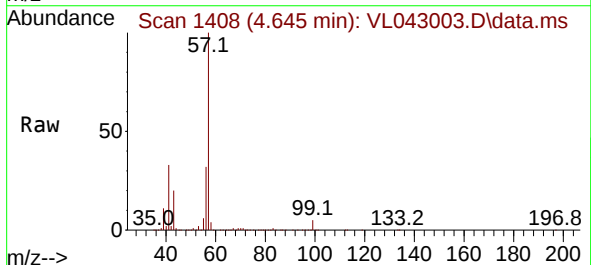
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

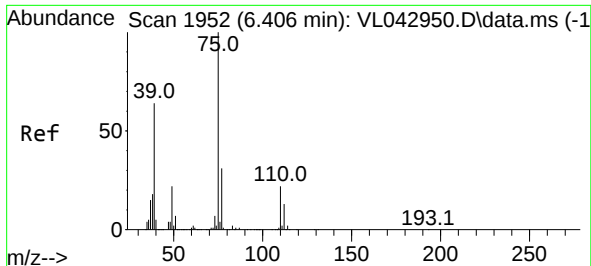
Tgt Ion: 69 Resp: 162155
Ion Ratio Lower Upper
69 100
41 149.0 124.5 186.7
100 36.2 29.0 43.6



#44
2,2,4-Trimethylpentane
Concen: 9.907 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.013 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 57 Resp: 722416
Ion Ratio Lower Upper
57 100
41 34.3 25.5 38.3
56 33.1 25.8 38.8

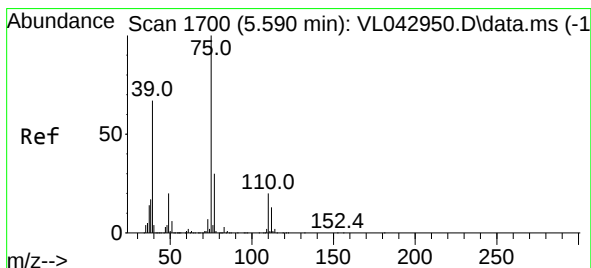
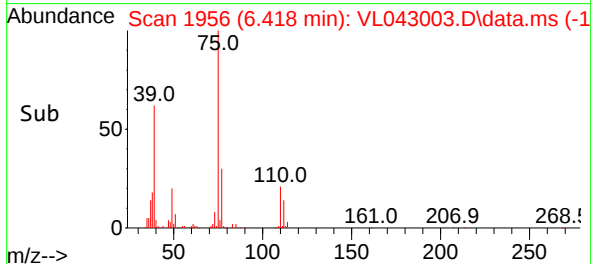
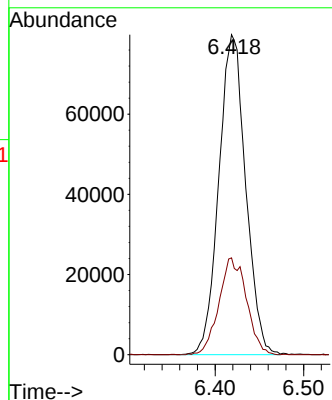
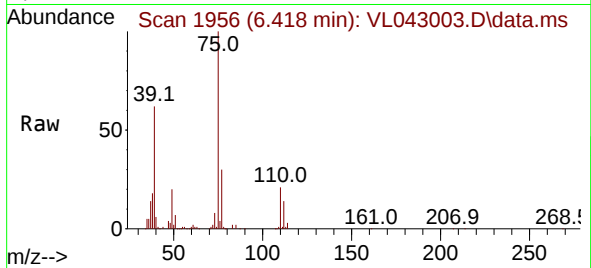




#45
 t-1,3-Dichloropropene
 Concen: 9.119 ppbv
 RT: 6.418 min Scan# 1952
 Delta R.T. 0.013 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

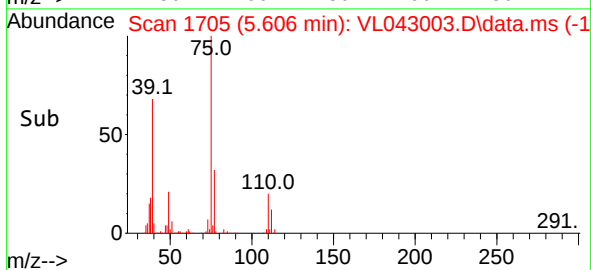
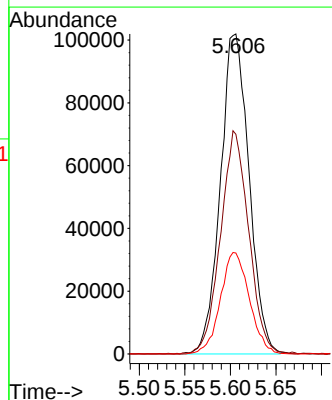
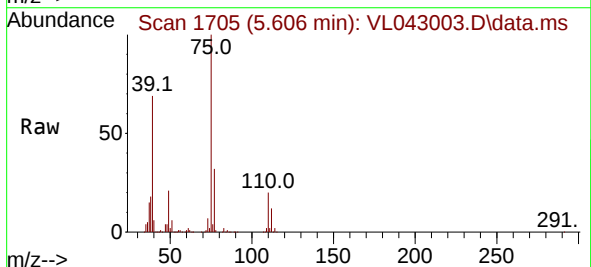
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0924ABS01

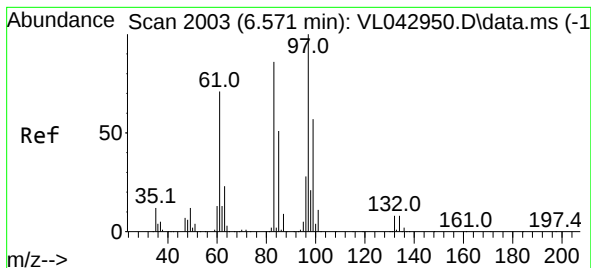
Tgt Ion: 75 Resp: 167990
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.4



#46
 cis-1,3-Dichloropropene
 Concen: 9.502 ppbv
 RT: 5.606 min Scan# 1705
 Delta R.T. 0.016 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

Tgt Ion: 75 Resp: 223077
 Ion Ratio Lower Upper
 75 100
 39 68.7 53.8 80.6
 77 31.5 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 10.691 ppbv

RT: 6.583 min Scan# 2007

Delta R.T. 0.013 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0924ABS01

Tgt Ion: 97 Resp: 174093

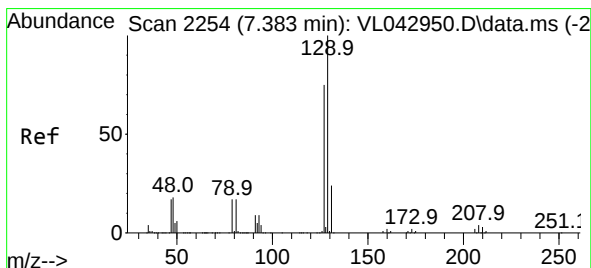
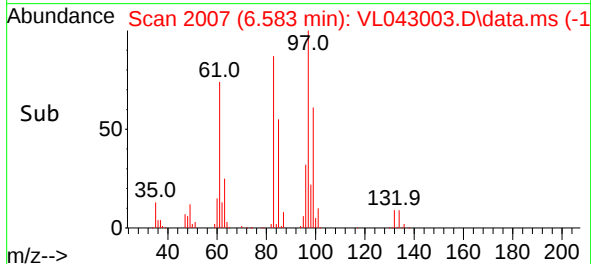
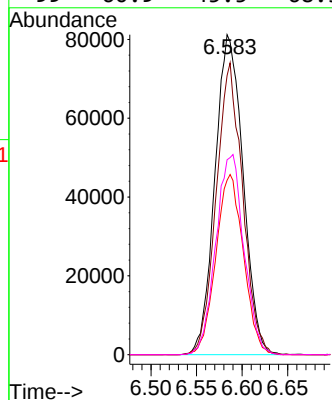
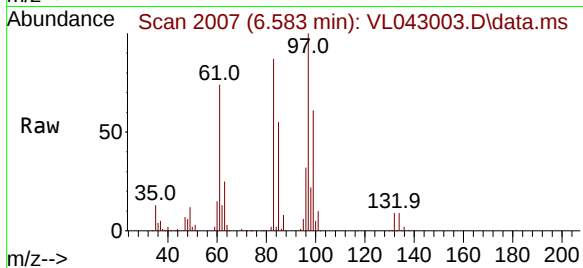
Ion Ratio Lower Upper

97 100

83 87.1 68.7 103.1

85 54.5 40.6 60.8

99 60.9 45.5 68.3



#48

Dibromochloromethane

Concen: 11.874 ppbv

RT: 7.393 min Scan# 2257

Delta R.T. 0.010 min

Lab File: VL043003.D

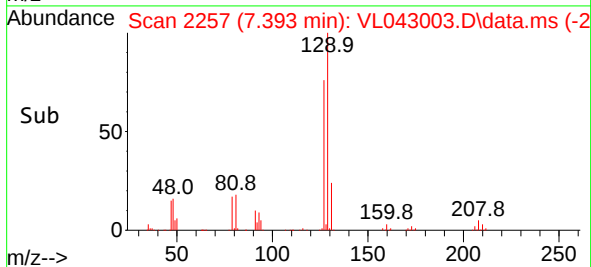
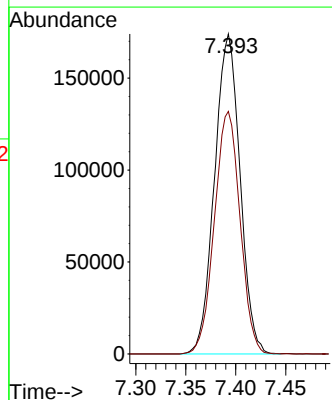
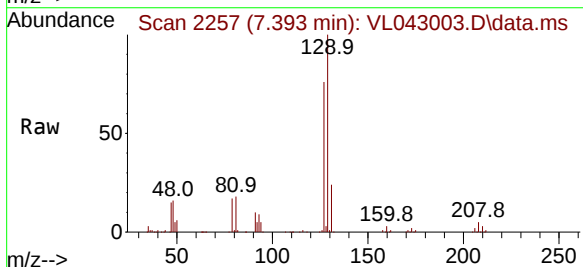
Acq: 24 Sep 2025 10:47

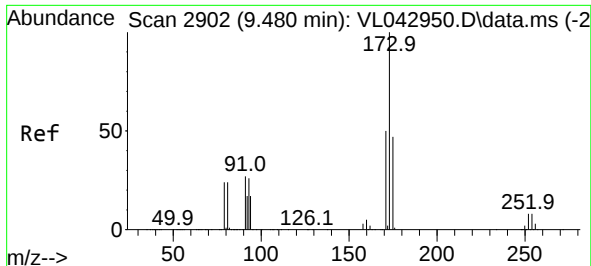
Tgt Ion: 129 Resp: 309350

Ion Ratio Lower Upper

129 100

127 76.2 39.1 117.2

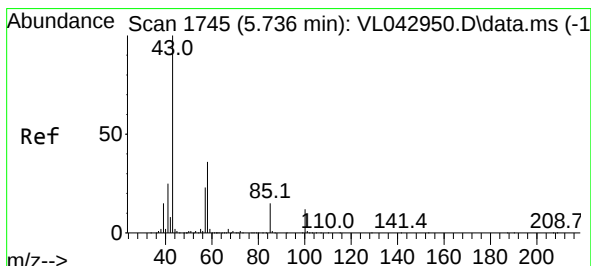
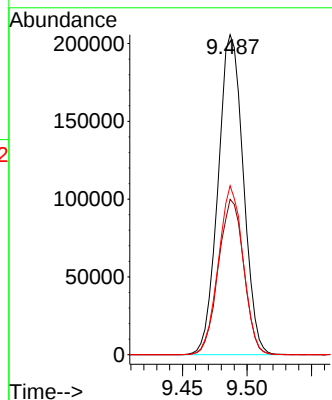
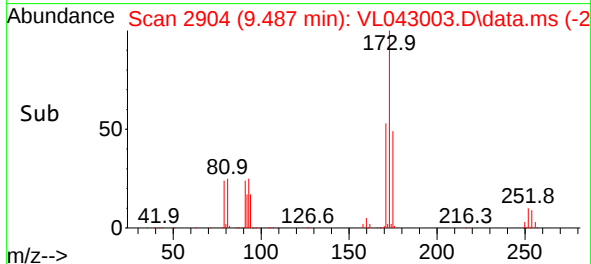
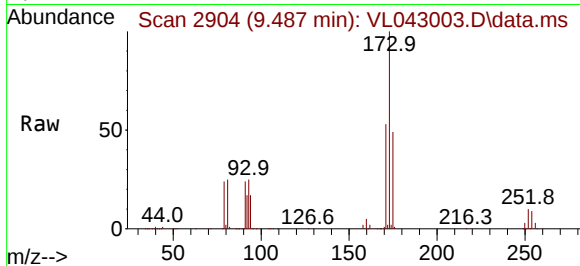




#49
Bromoform
Concen: 12.339 ppbv
RT: 9.487 min Scan# 2904
Delta R.T. 0.006 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

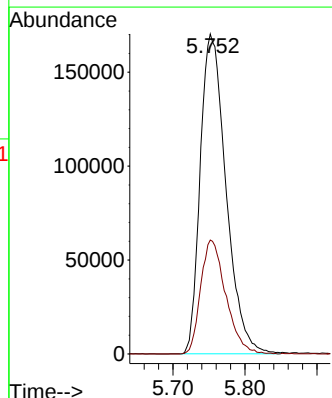
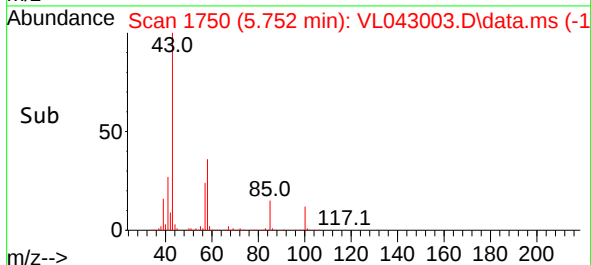
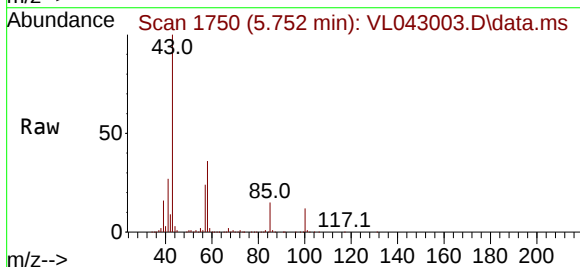
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

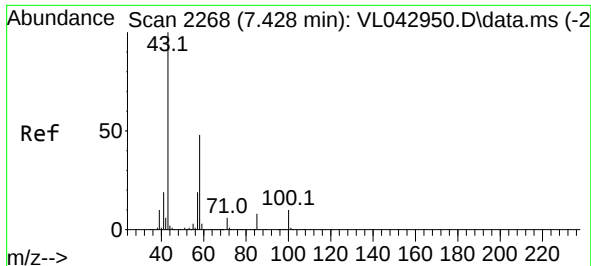
Tgt Ion:173 Resp: 279638
Ion Ratio Lower Upper
173 100
175 48.9 37.9 56.9
171 51.7 41.1 61.7



#50
4-Methyl-2-Pentanone
Concen: 10.018 ppbv
RT: 5.752 min Scan# 1750
Delta R.T. 0.016 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 43 Resp: 423045
Ion Ratio Lower Upper
43 100
58 34.8 28.4 42.6

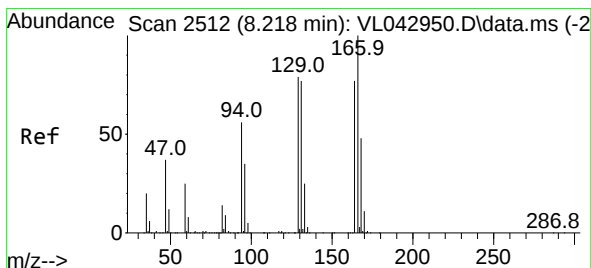
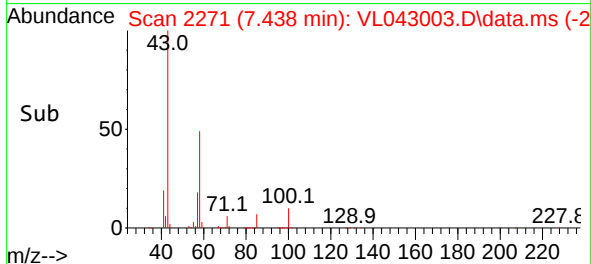
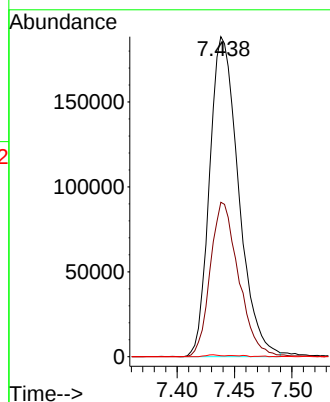
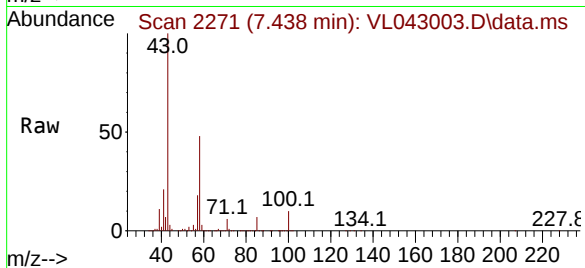




#51
2-Hexanone
Concen: 9.860 ppbv
RT: 7.438 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

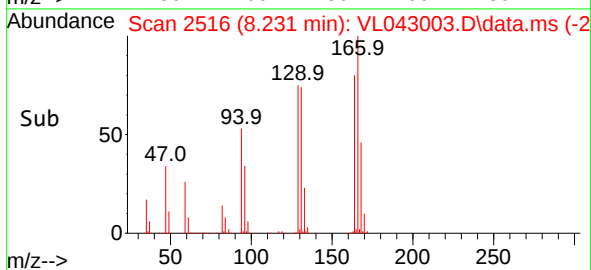
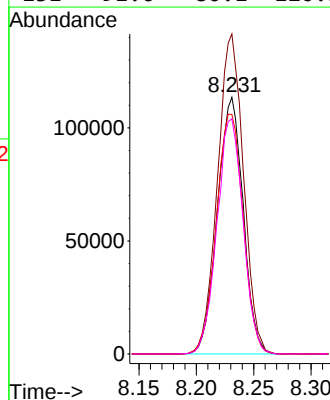
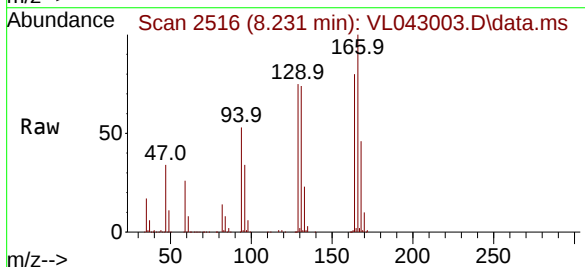
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

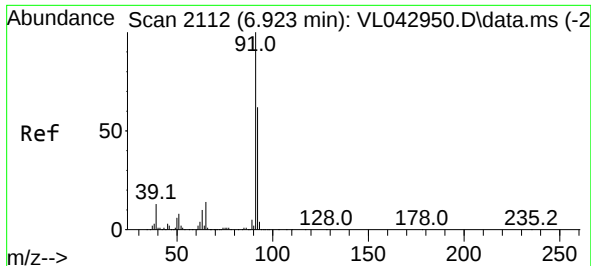
Tgt Ion: 43 Resp: 331885
Ion Ratio Lower Upper
43 100
58 47.3 39.7 59.5
98 0.6 0.1 0.1#



#52
Tetrachloroethene
Concen: 10.866 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.013 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion:164 Resp: 177496
Ion Ratio Lower Upper
164 100
166 124.7 103.5 155.3
129 93.3 82.2 123.4
131 91.6 80.1 120.1

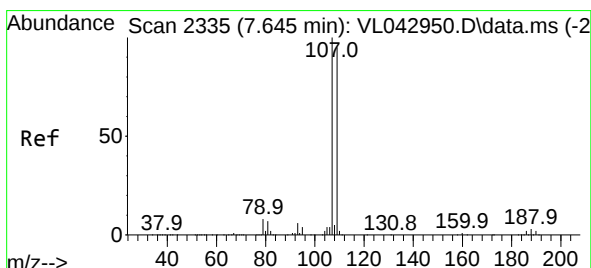
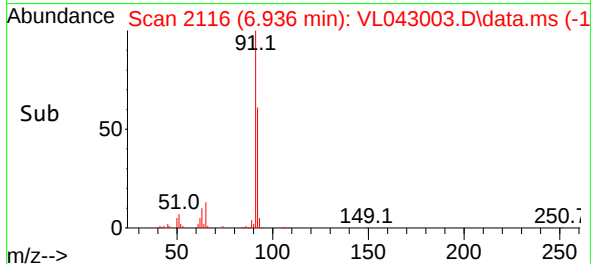
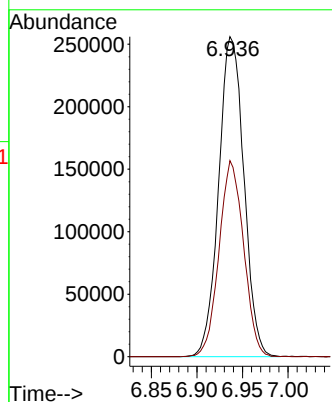
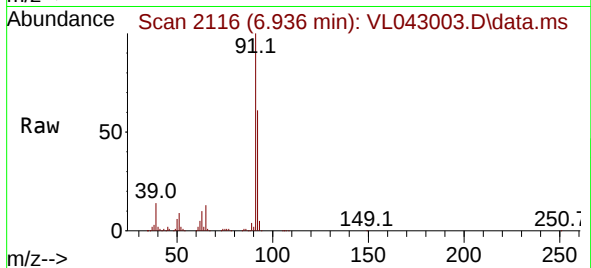




#53
Toluene
Concen: 9.872 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. 0.013 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

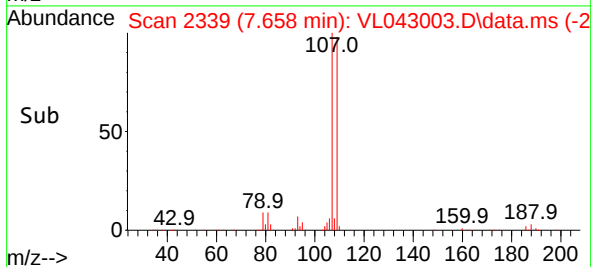
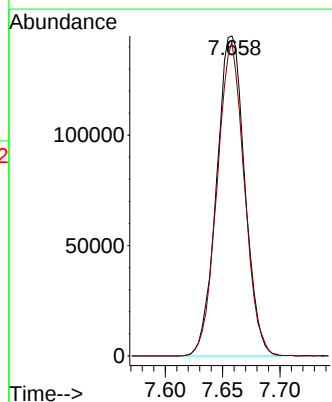
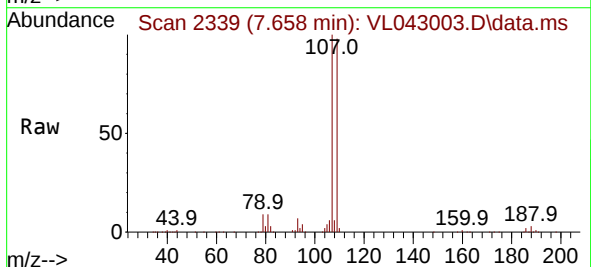
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

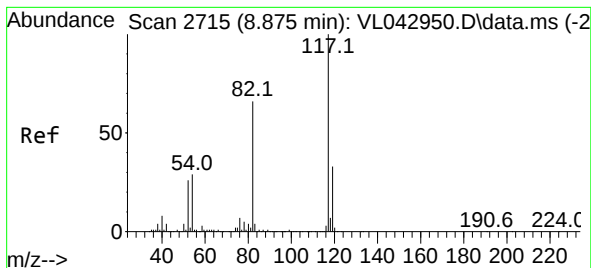
Tgt Ion: 91 Resp: 493280
Ion Ratio Lower Upper
91 100
92 59.7 48.2 72.2



#54
1,2-Dibromoethane
Concen: 10.810 ppbv
RT: 7.658 min Scan# 2339
Delta R.T. 0.013 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 107 Resp: 247778
Ion Ratio Lower Upper
107 100
109 98.0 75.8 113.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0924ABS01

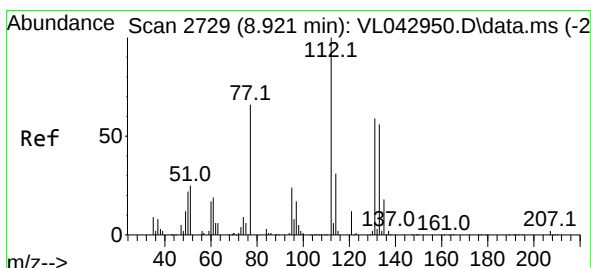
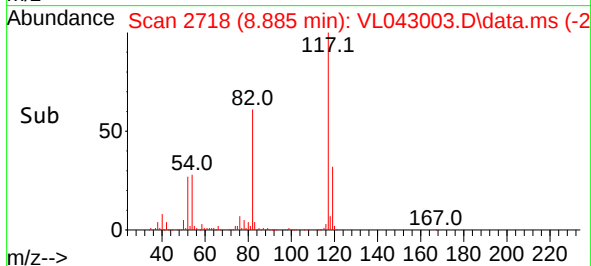
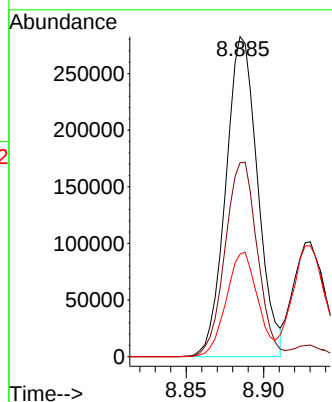
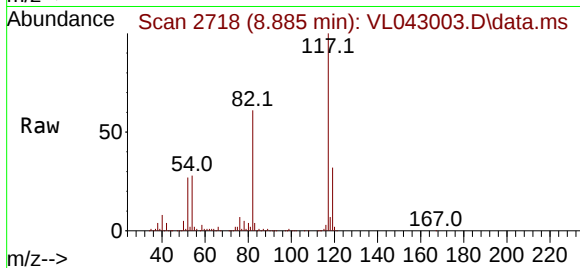
Tgt Ion:117 Resp: 405131

Ion Ratio Lower Upper

117 100

82 64.9 52.8 79.2

119 33.3 26.5 39.7



#56

1,1,1,2-Tetrachloroethane

Concen: 11.911 ppbv

RT: 8.930 min Scan# 2732

Delta R.T. 0.010 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

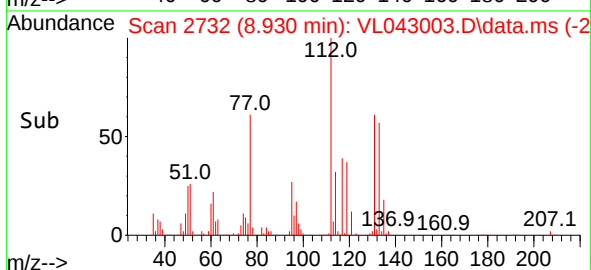
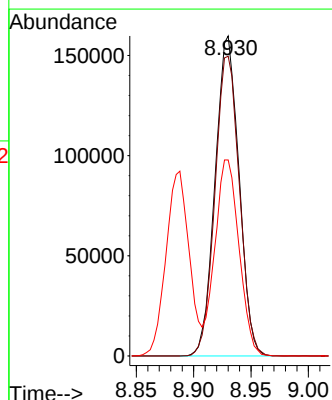
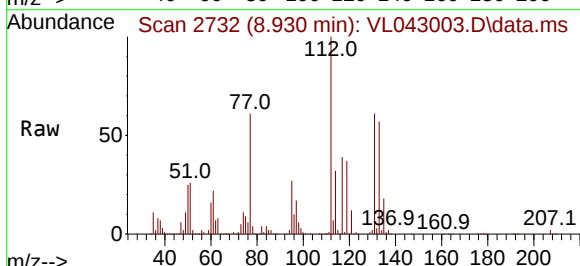
Tgt Ion:131 Resp: 230977

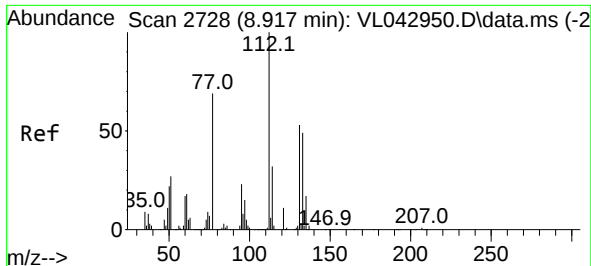
Ion Ratio Lower Upper

131 100

133 95.8 76.6 114.8

119 63.2 49.9 74.9

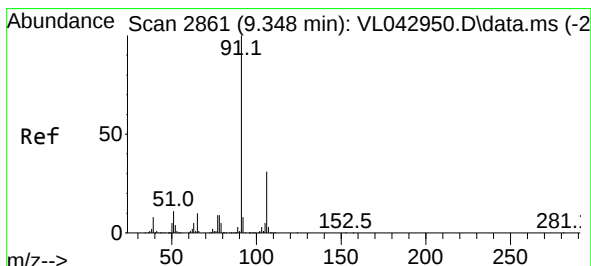
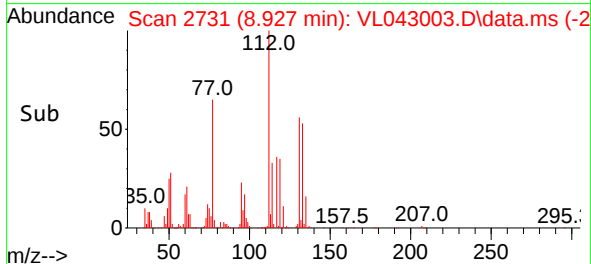
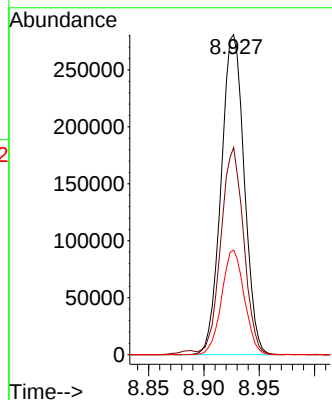
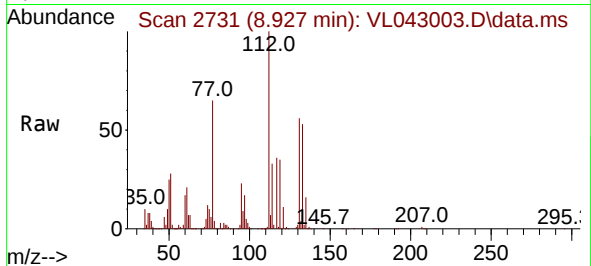




#57
Chlorobenzene
Concen: 11.047 ppbv
RT: 8.927 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

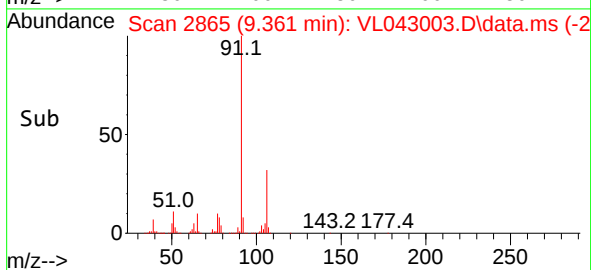
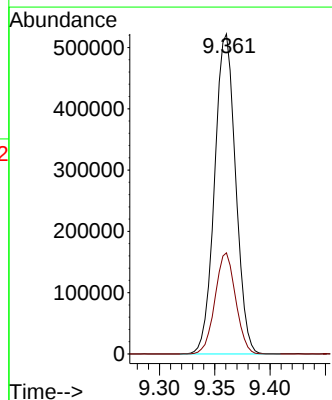
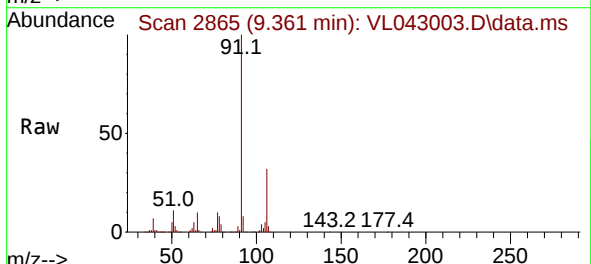
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

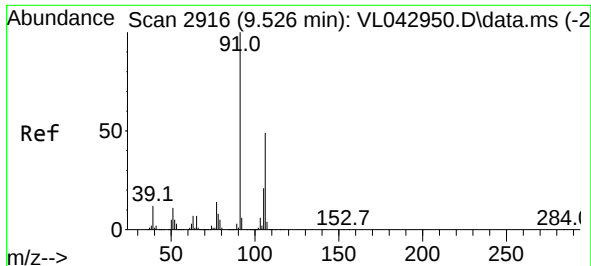
Tgt Ion:112 Resp: 408572
Ion Ratio Lower Upper
112 100
77 64.7 55.7 83.5
114 32.7 28.6 35.0



#58
Ethyl Benzene
Concen: 10.354 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.013 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 91 Resp: 688808
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0





#59

m/p-Xylene

Concen: 10.691 ppbv

RT: 9.535 min Scan# 2916

Delta R.T. 0.010 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

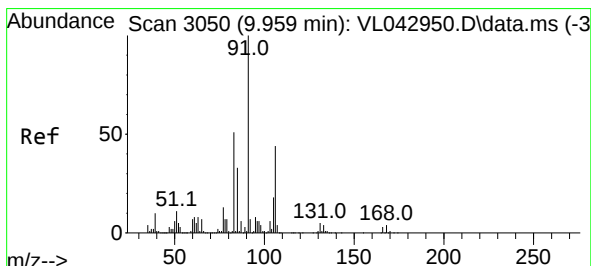
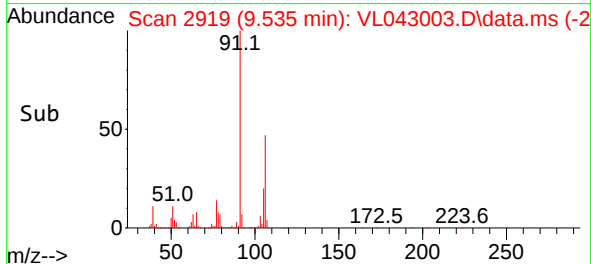
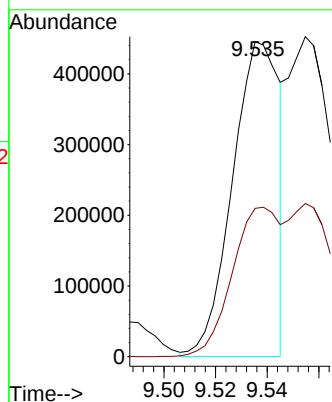
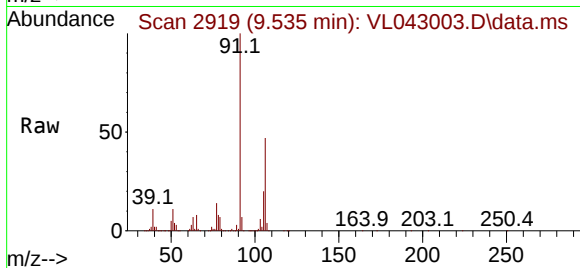
VL0924ABS01

Tgt Ion: 91 Resp: 560725

Ion Ratio Lower Upper

91 100

106 0.0 0.0 0.0



#60

o-Xylene

Concen: 10.690 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.010 min

Lab File: VL043003.D

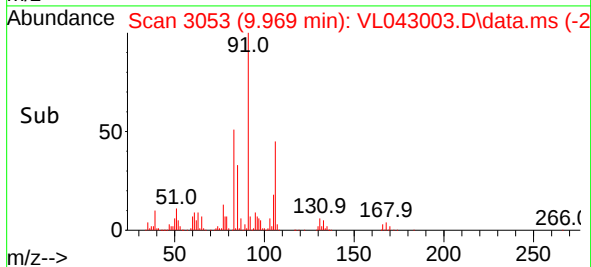
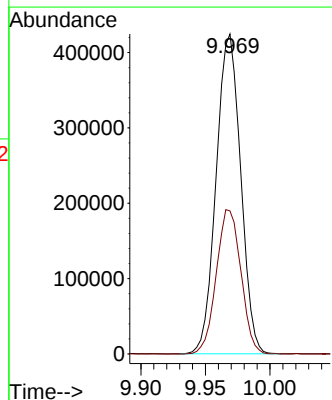
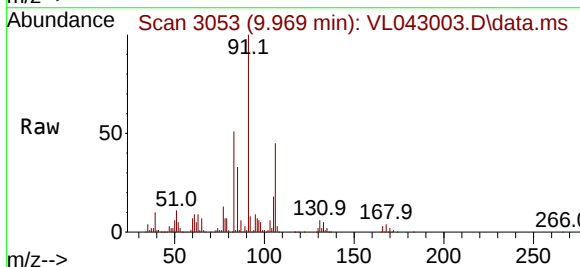
Acq: 24 Sep 2025 10:47

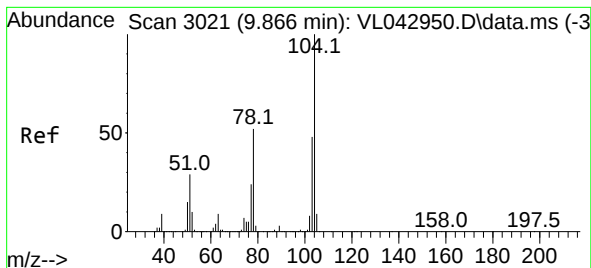
Tgt Ion: 91 Resp: 560366

Ion Ratio Lower Upper

91 100

106 45.4 22.4 67.0





#61

Styrene

Concen: 9.993 ppbv

RT: 9.875 min Scan# 3021

Delta R.T. 0.010 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0924ABS01

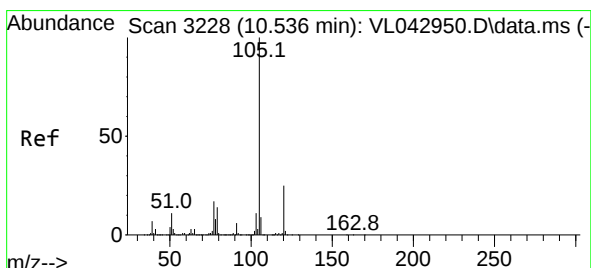
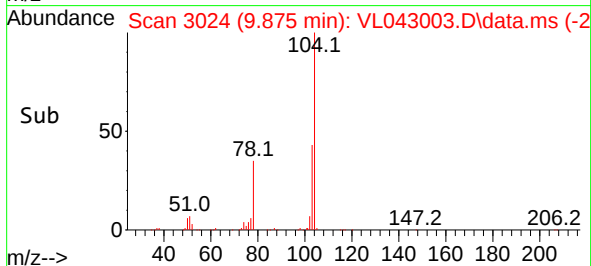
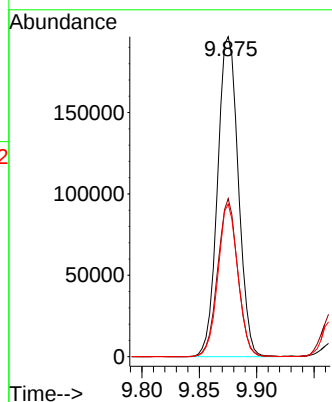
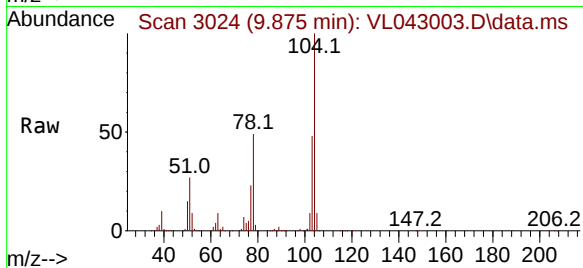
Tgt Ion:104 Resp: 247781

Ion Ratio Lower Upper

104 100

78 47.5 39.9 59.9

103 45.8 36.9 55.3



#62

Isopropylbenzene

Concen: 10.623 ppbv

RT: 10.542 min Scan# 3230

Delta R.T. 0.006 min

Lab File: VL043003.D

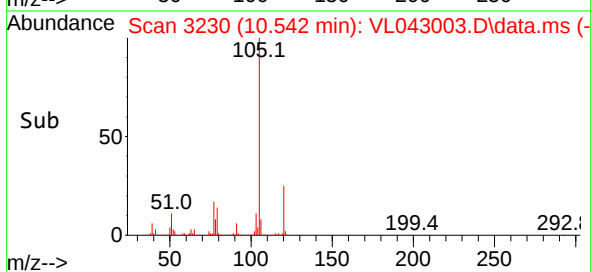
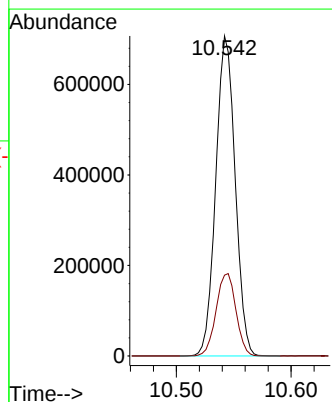
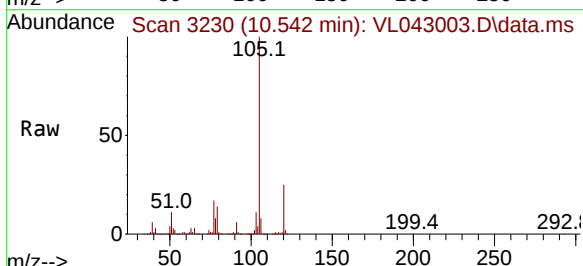
Acq: 24 Sep 2025 10:47

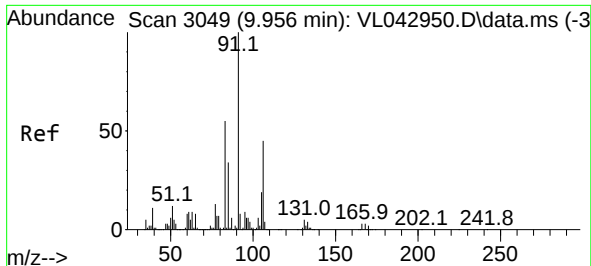
Tgt Ion:105 Resp: 830044

Ion Ratio Lower Upper

105 100

120 26.3 20.6 30.8





#63

1,1,2,2-Tetrachloroethane

Concen: 10.604 ppbv

RT: 9.966 min Scan# 3049

Delta R.T. 0.010 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0924ABS01

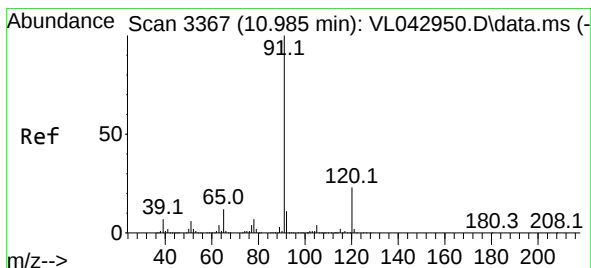
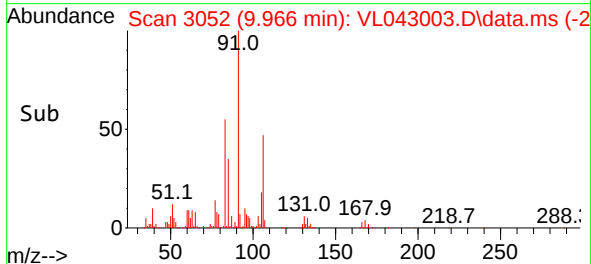
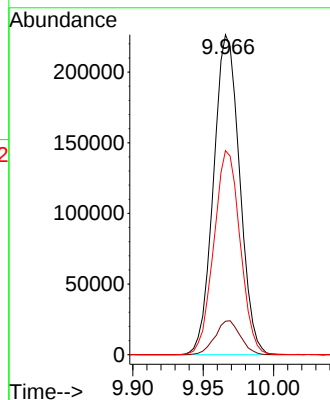
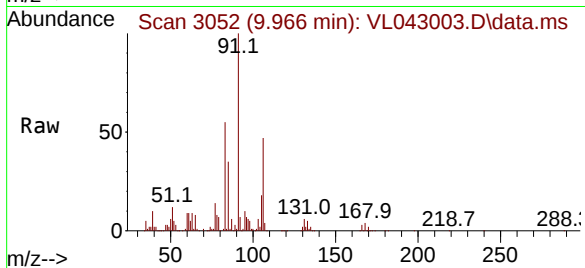
Tgt Ion: 83 Resp: 292156

Ion Ratio Lower Upper

83 100

131 10.3 4.8 14.4

85 64.3 32.2 96.6



#64

n-propylbenzene

Concen: 11.015 ppbv

RT: 10.992 min Scan# 3369

Delta R.T. 0.006 min

Lab File: VL043003.D

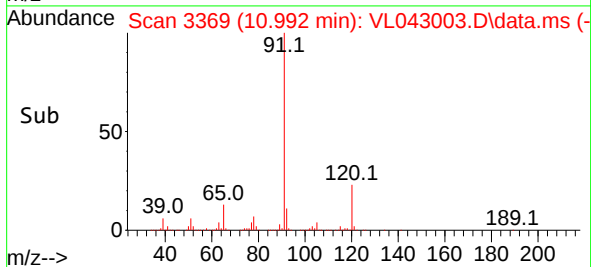
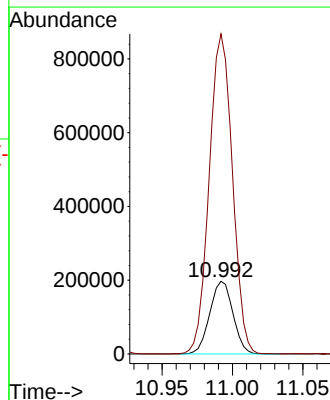
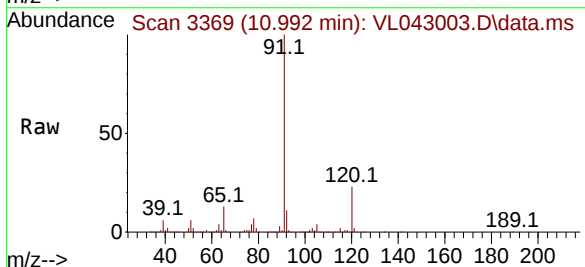
Acq: 24 Sep 2025 10:47

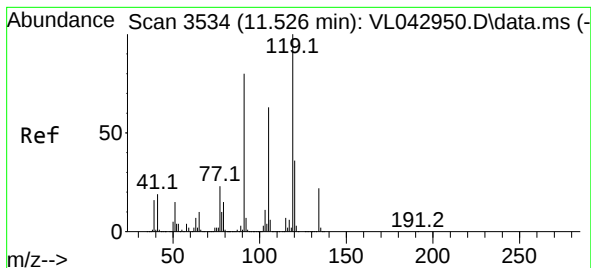
Tgt Ion: 120 Resp: 224888

Ion Ratio Lower Upper

120 100

91 442.5 364.9 547.3





#65

tert-Butylbenzene

Concen: 11.053 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.010 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0924ABS01

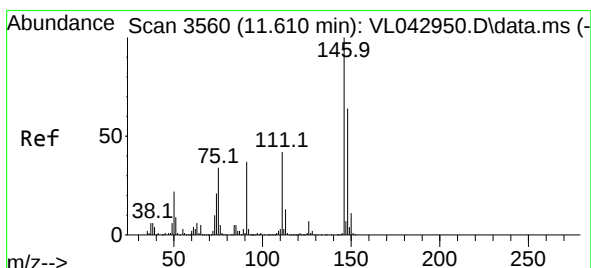
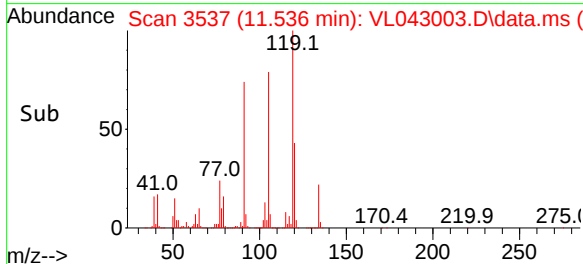
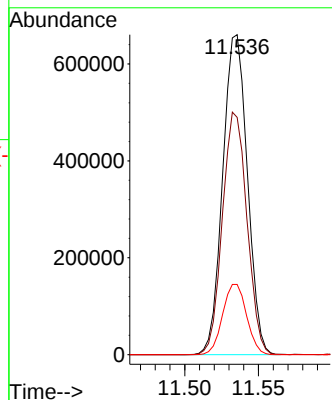
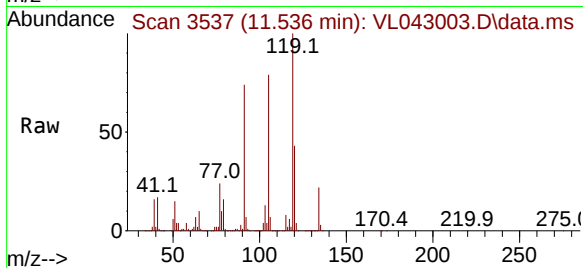
Tgt Ion:119 Resp: 768130

Ion Ratio Lower Upper

119 100

91 75.6 63.1 94.7

134 21.4 17.0 25.6



#66

Benzyl Chloride

Concen: 6.093 ppbv

RT: 11.616 min Scan# 3562

Delta R.T. 0.006 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

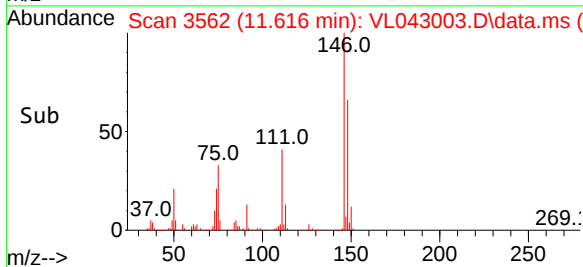
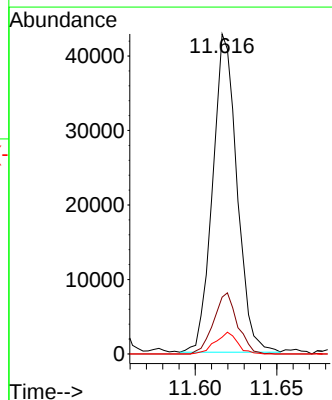
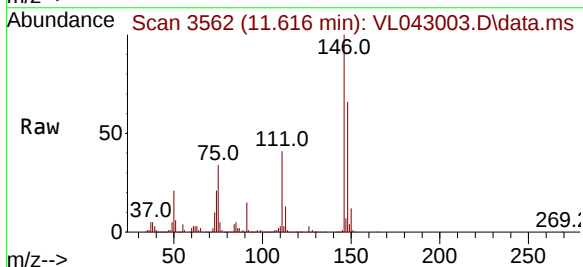
Tgt Ion: 91 Resp: 44429

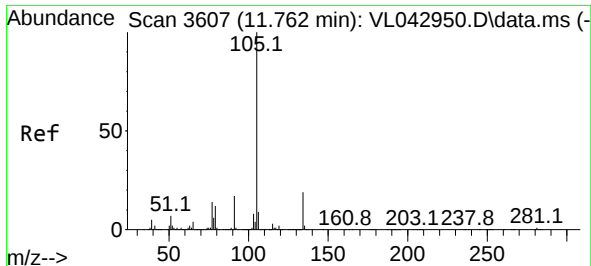
Ion Ratio Lower Upper

91 100

126 18.7 14.6 21.8

128 6.2 5.0 7.4

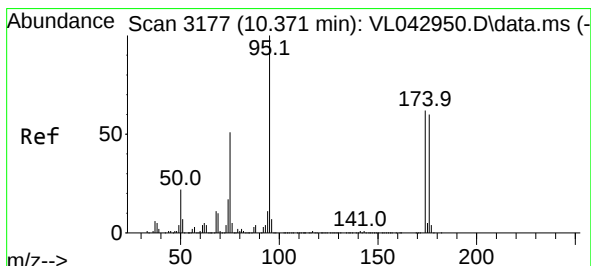
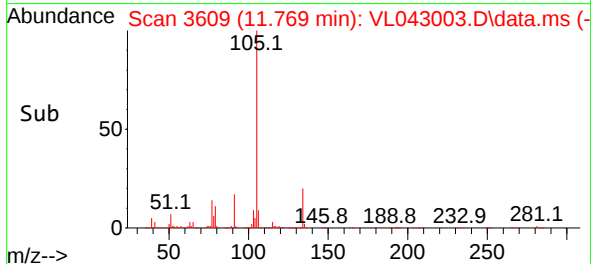
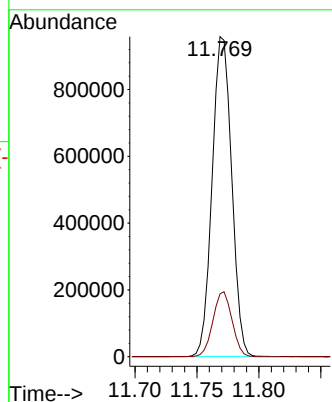
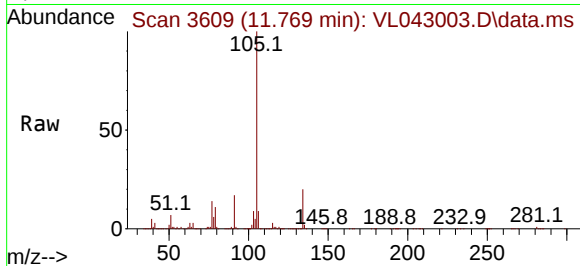




#67
 sec-Butylbenzene
 Concen: 10.871 ppbv
 RT: 11.769 min Scan# 3180
 Delta R.T. 0.006 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

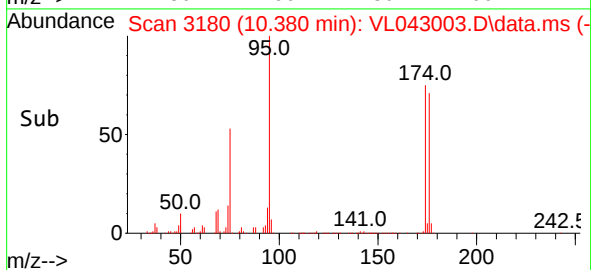
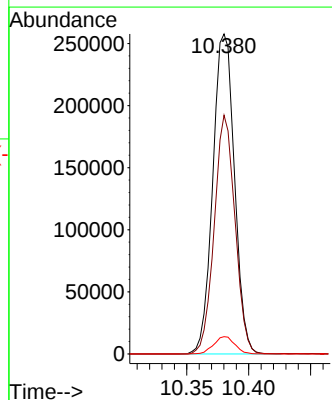
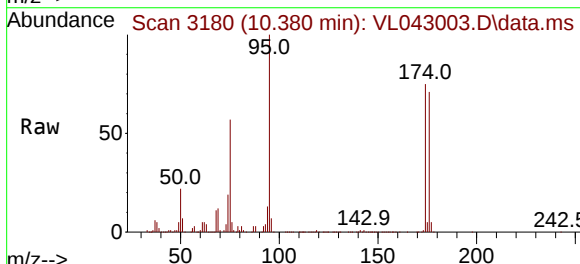
Instrument :
 MSVOA_1
 ClientSampleId :
 VL0924ABS01

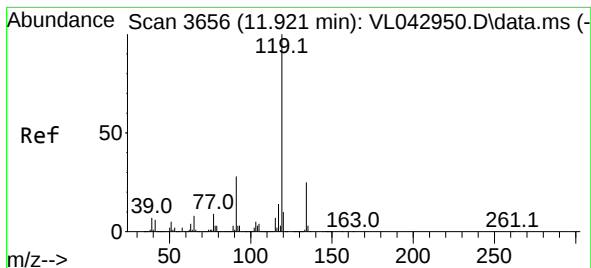
Tgt Ion:105 Resp: 1052693
 Ion Ratio Lower Upper
 105 100
 134 19.8 15.7 23.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.389 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.010 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

Tgt Ion: 95 Resp: 314184
 Ion Ratio Lower Upper
 95 100
 174 71.5 51.4 77.2
 175 5.3 4.0 6.0

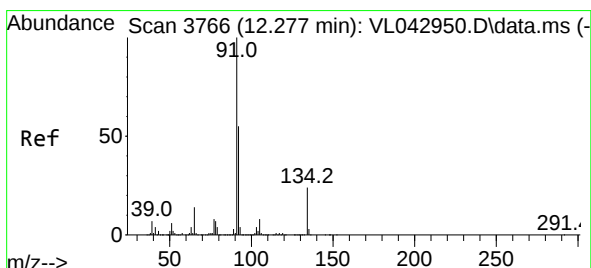
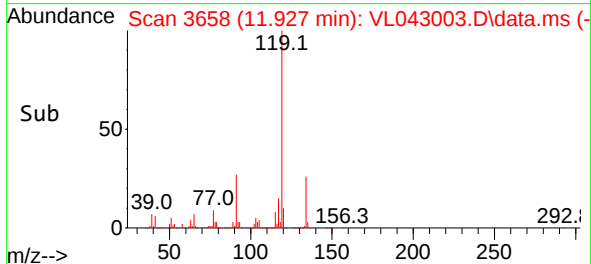
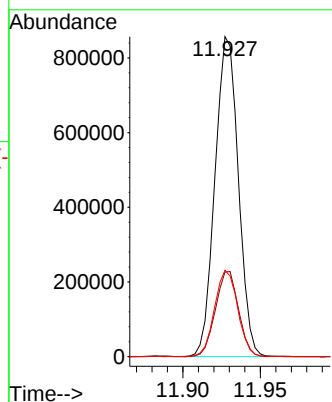
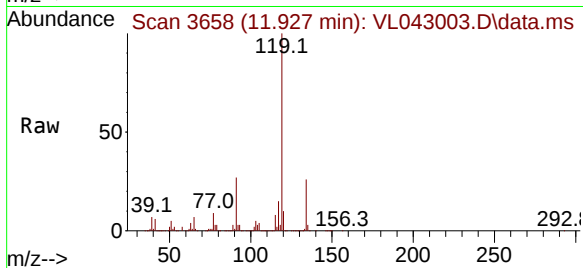




#69
p-Isopropyltoluene
Concen: 10.978 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.006 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

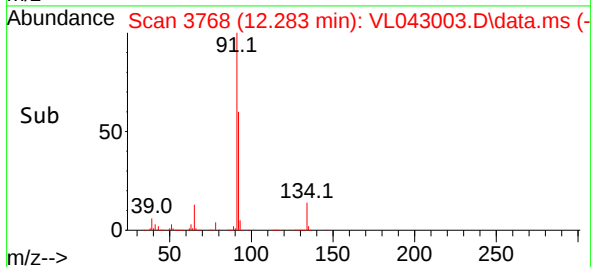
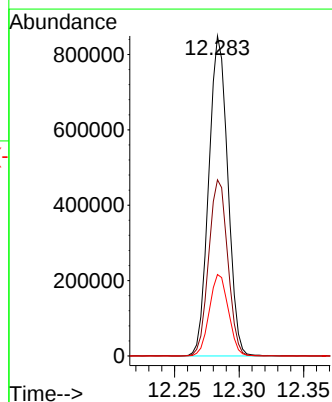
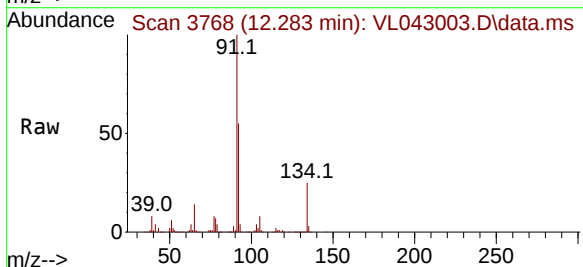
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

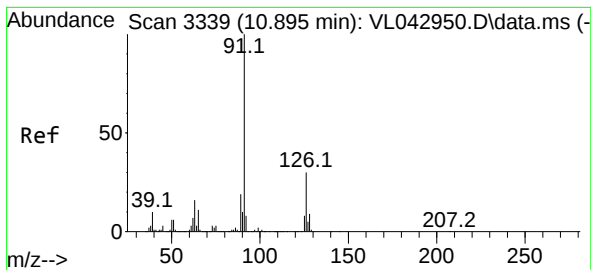
Tgt Ion:119 Resp: 898046
Ion Ratio Lower Upper
119 100
134 26.5 21.0 31.4
91 26.9 22.3 33.5



#70
n-Butylbenzene
Concen: 10.867 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. 0.006 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 91 Resp: 867870
Ion Ratio Lower Upper
91 100
92 55.3 44.0 66.0
134 25.6 19.4 29.2

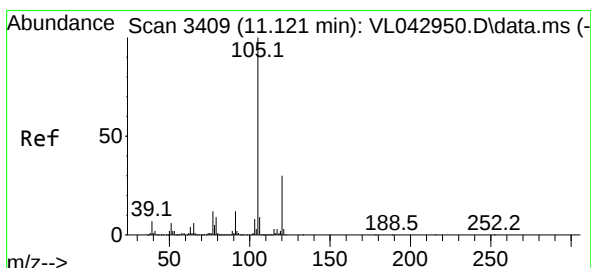
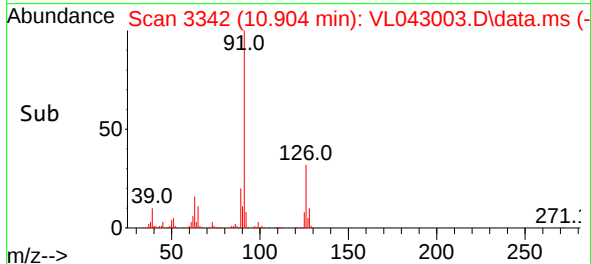
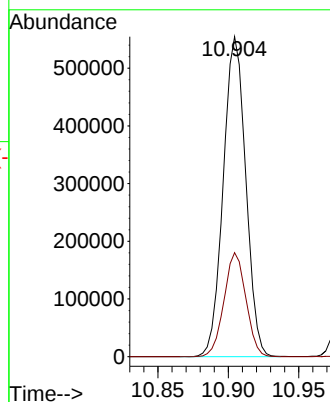
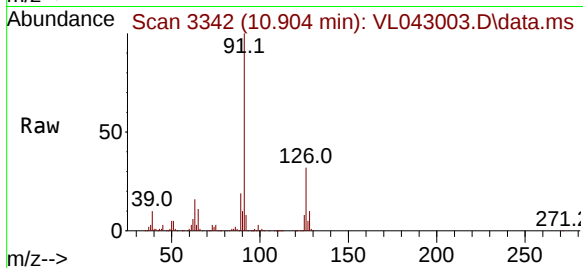




#71
2-Chlorotoluene
Concen: 10.464 ppbv
RT: 10.904 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

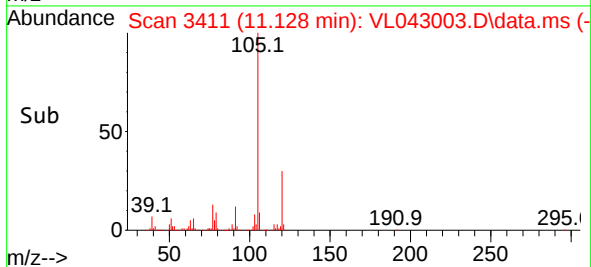
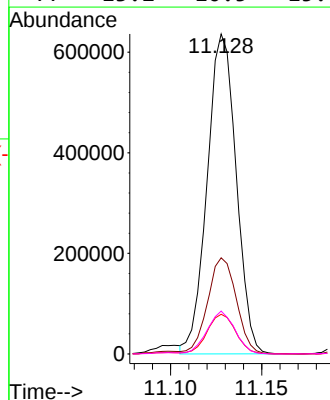
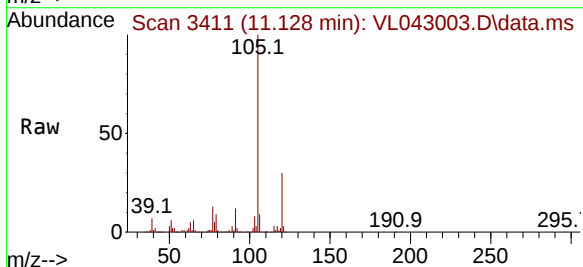
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

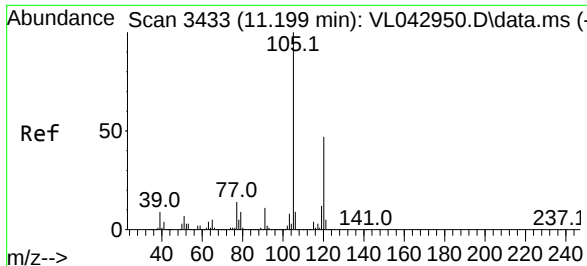
Tgt Ion: 91 Resp: 617343
Ion Ratio Lower Upper
91 100
126 31.6 12.3 49.3



#72
4-Ethyltoluene
Concen: 10.744 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.006 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion: 105 Resp: 705375
Ion Ratio Lower Upper
105 100
120 30.5 24.2 36.2
91 12.6 10.0 15.0
77 13.2 10.5 15.7

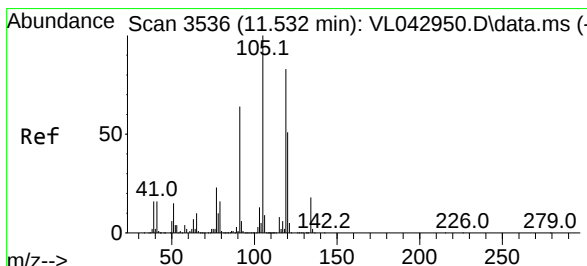
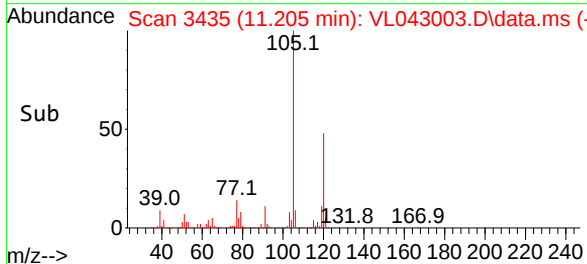
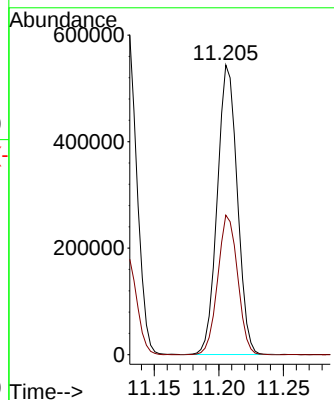
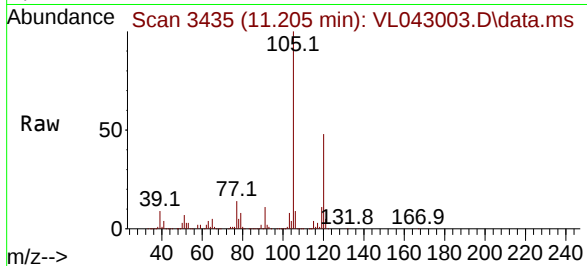




#73
 1,3,5-Trimethylbenzene
 Concen: 10.979 ppbv
 RT: 11.205 min Scan# 3433
 Delta R.T. 0.006 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

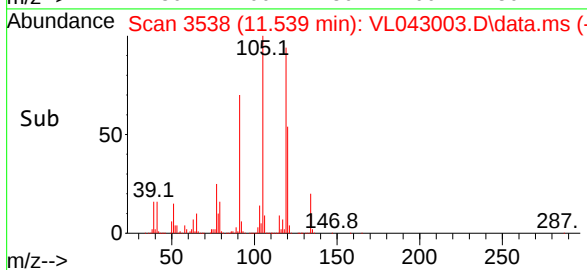
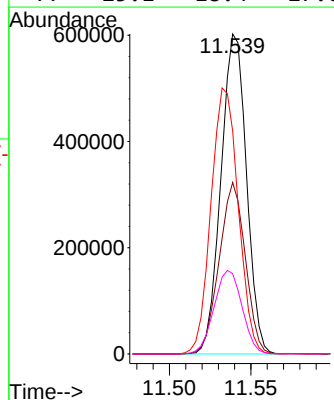
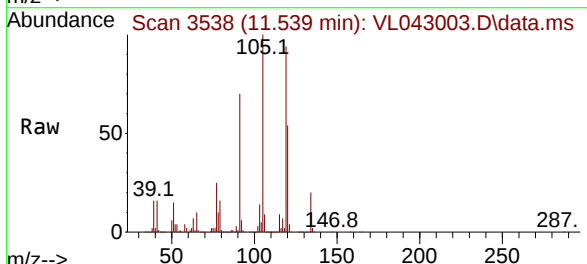
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0924ABS01

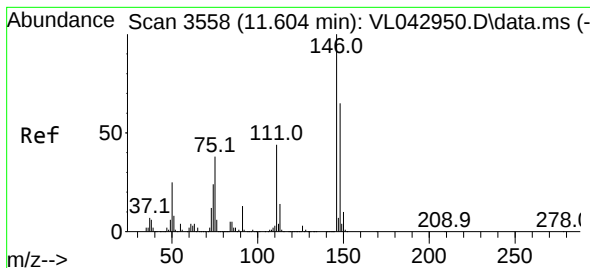
Tgt Ion:105 Resp: 584573
 Ion Ratio Lower Upper
 105 100
 120 48.2 38.0 57.0



#74
 1,2,4-Trimethylbenzene
 Concen: 11.139 ppbv
 RT: 11.539 min Scan# 3538
 Delta R.T. 0.006 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

Tgt Ion:105 Resp: 654965
 Ion Ratio Lower Upper
 105 100
 120 53.6 40.9 61.3
 91 69.6 51.2 76.8
 77 25.1 18.4 27.6





#75

1,3-Dichlorobenzene

Concen: 11.863 ppbv

RT: 11.610 min Scan# 3558

Delta R.T. 0.006 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_1

ClientSampleId :

VL0924ABS01

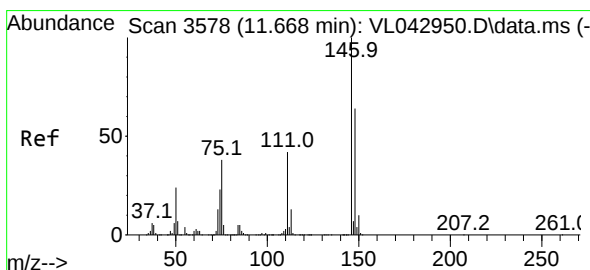
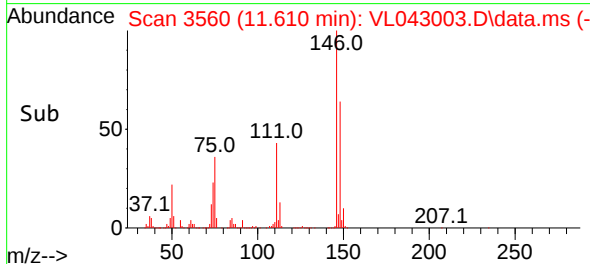
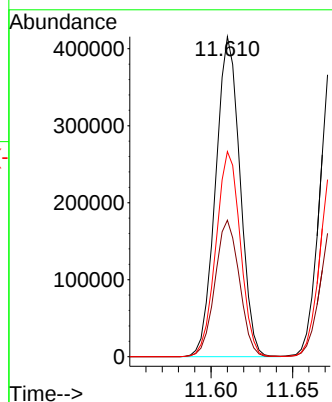
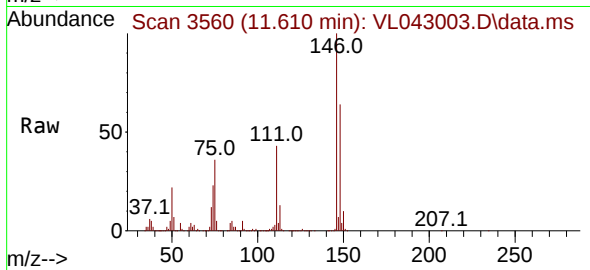
Tgt Ion:146 Resp: 432617

Ion Ratio Lower Upper

146 100

111 42.6 22.3 66.9

148 64.0 31.9 95.5



#76

1,4-Dichlorobenzene

Concen: 11.746 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. 0.006 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

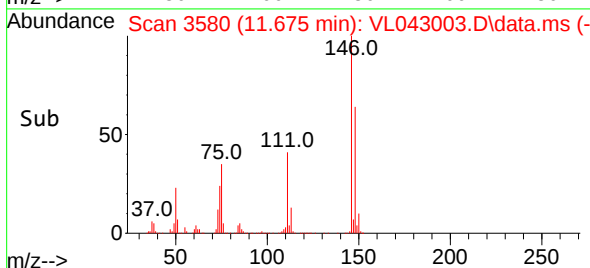
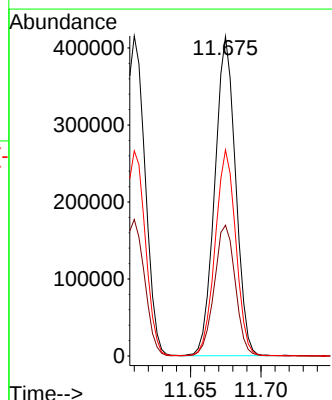
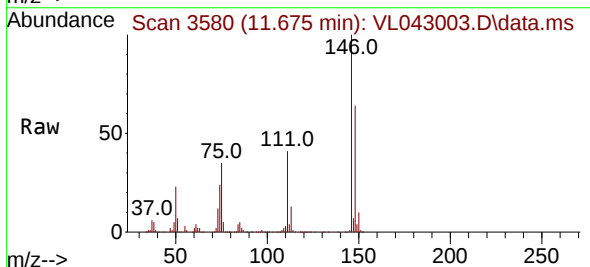
Tgt Ion:146 Resp: 425397

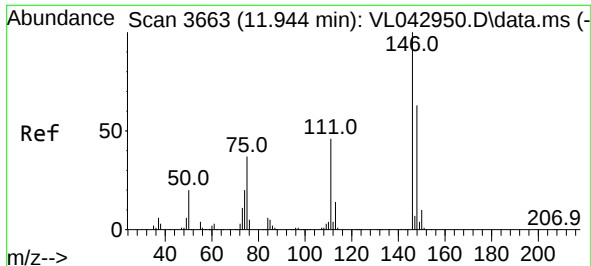
Ion Ratio Lower Upper

146 100

111 41.7 21.5 64.5

148 64.4 31.9 95.5

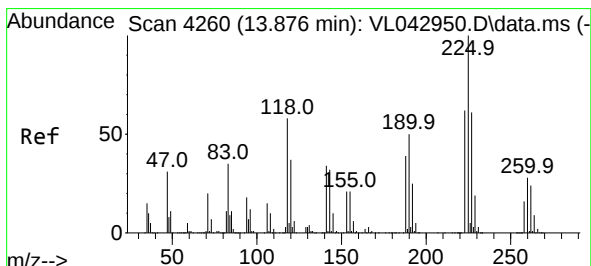
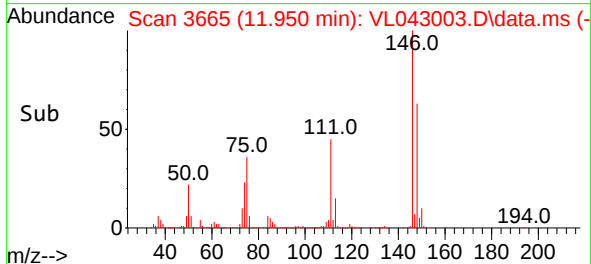
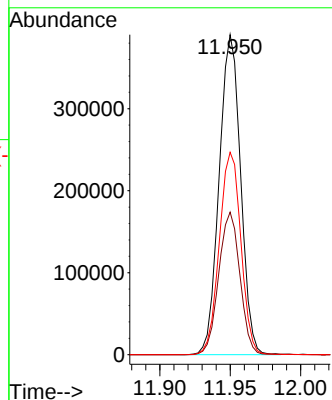
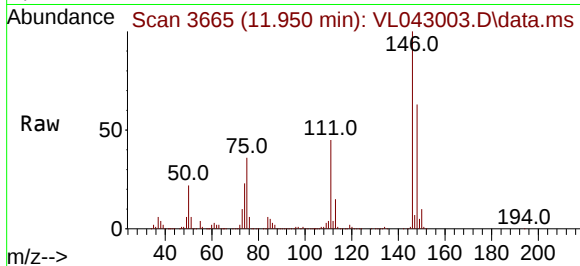




#77
1,2-Dichlorobenzene
Concen: 11.935 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.006 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

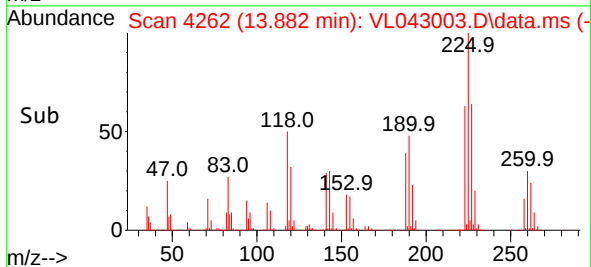
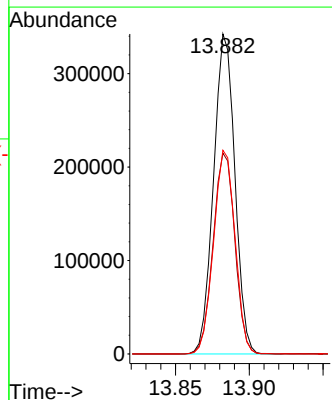
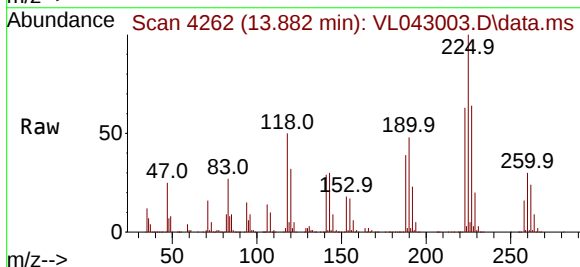
Instrument :
MSVOA_L
ClientSampleId :
VL0924ABS01

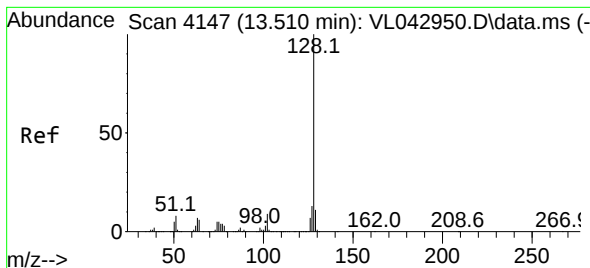
Tgt Ion:146 Resp: 414086
Ion Ratio Lower Upper
146 100
111 44.1 23.1 69.3
148 63.7 32.0 96.0



#78
Hexachloro-1,3-Butadiene
Concen: 12.694 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. 0.006 min
Lab File: VL043003.D
Acq: 24 Sep 2025 10:47

Tgt Ion:225 Resp: 344475
Ion Ratio Lower Upper
225 100
223 64.1 50.1 75.1
227 64.2 50.4 75.6





#79

Naphthalene

Concen: 11.684 ppbv

RT: 13.516 min Scan# 4147

Delta R.T. 0.006 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0924ABS01

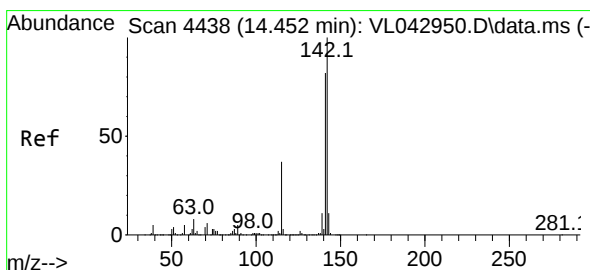
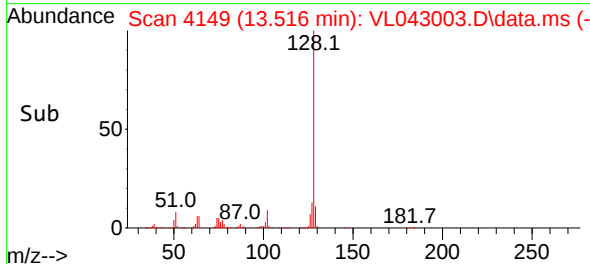
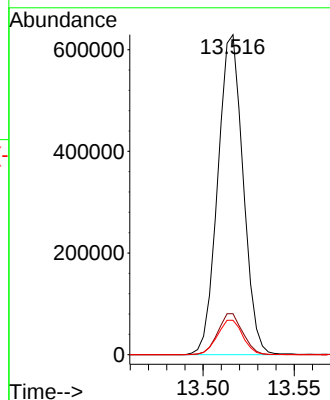
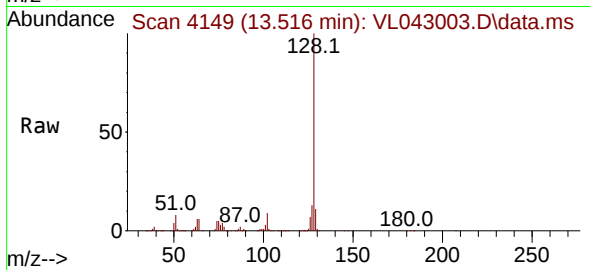
Tgt Ion:128 Resp: 607495

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.8 9.0 13.6



#80

Naphthalene,2-methyl-

Concen: 9.539 ppbv

RT: 14.458 min Scan# 4440

Delta R.T. 0.006 min

Lab File: VL043003.D

Acq: 24 Sep 2025 10:47

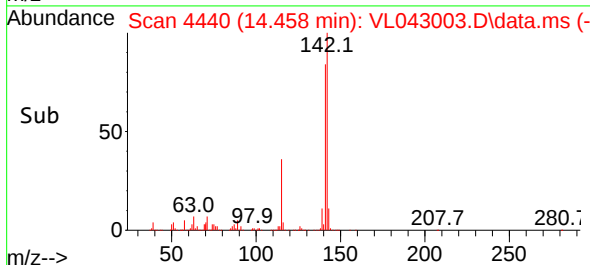
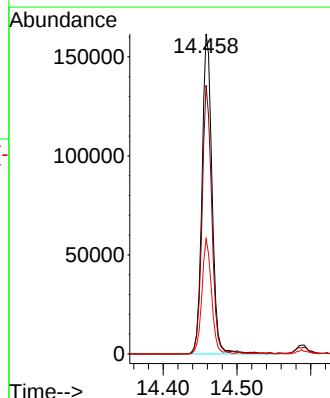
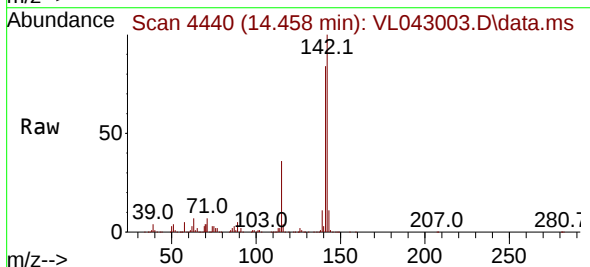
Tgt Ion:142 Resp: 153210

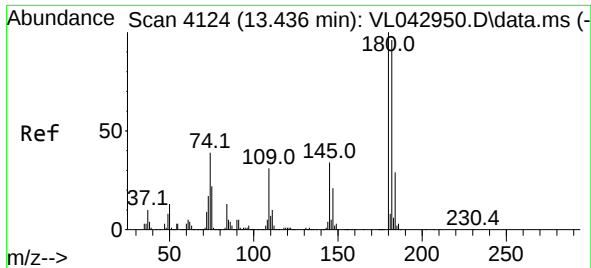
Ion Ratio Lower Upper

142 100

141 82.3 65.1 97.7

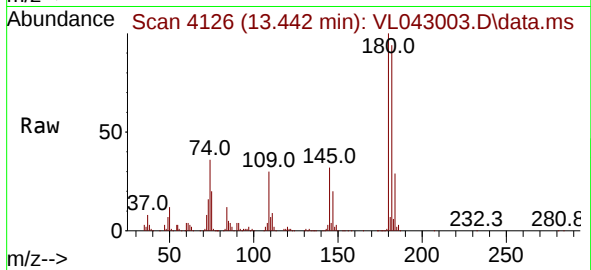
115 35.2 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 12.734 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL043003.D
 Acq: 24 Sep 2025 10:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0924ABS01



Tgt Ion:180 Resp: 354007

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.7	113.5
184	30.0	23.9	35.9

