

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042824.D
 Acq On : 07 Aug 2025 08:27
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Aug 08 01:12:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.780	49	152875	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	409968	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	350615	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	289682	10.433	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.495	85	198002	9.796	ppbv	99
3) Chlorodifluoromethane	1.473	51	259636	9.861	ppbv	99
4) Chloromethane	1.531	50	81057	9.913	ppbv	99
5) Vinyl Chloride	1.576	62	69415	8.592	ppbv	97
6) Bromomethane	1.664	94	29967	9.594	ppbv	100
7) Chloroethane	1.703	64	29394	9.416	ppbv	97
8) Dichlorotetrafluoroethane	1.550	85	160036	9.627	ppbv	99
9) Propene	1.482	41	84574	8.838	ppbv	100
10) Heptane	4.965	43	266506	10.328	ppbv	99
11) Trichlorofluoromethane	1.874	101	202046	9.697	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	154906	9.784	ppbv	99
13) Ethanol	1.719	45	6698	8.461	ppbv	96
14) Bromoethene	1.777	108	54097	9.650	ppbv	99
15) Acetone	1.832	43	168703	7.992	ppbv	98
16) 1,3-Butadiene	1.605	39	83330	9.255	ppbv	99
17) tert-Butyl alcohol	2.036	59	172327	9.051	ppbv	98
18) 1,1-Dichloroethene	2.029	96	64871	9.068	ppbv	99
19) Isopropyl Alcohol	1.881	45	103955	9.267	ppbv	98
20) Methylene Chloride	2.055	84	58299	8.764	ppbv	97
21) Allyl Chloride	2.091	41	127987	9.837	ppbv	99
22) trans-1,2-Dichloroethene	2.337	96	75249	9.778	ppbv	92
23) Vinyl Acetate	2.457	43	276849	10.818	ppbv	99
24) 1,1-Dichloroethane	2.405	63	157224	9.953	ppbv	100
25) Ethyl Acetate	2.829	43	470307	10.065	ppbv	99
26) Hexane	2.819	57	199330	9.725	ppbv	96
27) Carbon Disulfide	2.146	76	181651	10.352	ppbv	97
28) Methyl tert-Butyl Ether	2.437	73	96685	9.985	ppbv	99
29) Chloroform	2.842	83	325268	10.269	ppbv	96
30) Cyclohexane	3.845	84	162874	9.369	ppbv	94
31) cis-1,2-Dichloroethene	2.712	61	193169	9.171	ppbv	94
32) 1,1,1-Trichloroethane	3.360	97	310277	9.404	ppbv	99
34) 2-Butanone	2.551	43	304692	10.492	ppbv	99
35) Carbon Tetrachloride	3.751	117	332414	10.916	ppbv	98
36) Benzene	3.648	78	396745	10.211	ppbv	98
37) 1,2-Dichloroethane	3.211	62	246983	10.552	ppbv	99
38) Trichloroethene	4.538	130	179403	9.611	ppbv	95
39) 1,2-Dichloropropane	4.298	63	147118	10.258	ppbv	99
40) 1,4-Dioxane	4.564	88	63053	9.432	ppbv #	93
41) Tetrahydrofuran	3.046	42	159238	10.776	ppbv	96
42) Bromodichloromethane	4.476	83	338249	11.096	ppbv	95
43) Methyl Methacrylate	4.868	69	144407	10.456	ppbv	98
44) 2,2,4-Trimethylpentane	4.628	57	693154	10.945	ppbv	98
45) t-1,3-Dichloropropene	6.399	75	156600	10.112	ppbv #	89

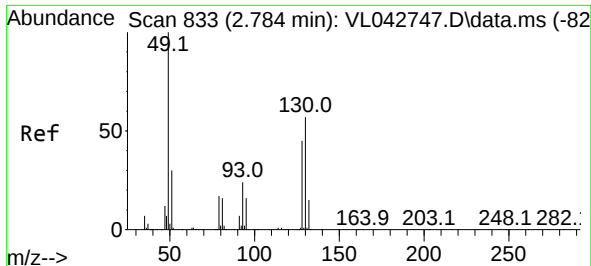
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080725\
 Data File : VL042824.D
 Acq On : 07 Aug 2025 08:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Aug 08 01:12:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.587	75	202323	10.309	ppbv	98
47) 1,1,2-Trichloroethane	6.567	97	159326	10.421	ppbv	96
48) Dibromochloromethane	7.376	129	272360	11.222	ppbv	99
49) Bromoform	9.474	173	244228	11.540	ppbv	99
50) 4-Methyl-2-Pentanone	5.735	43	407716	10.899	ppbv	97
51) 2-Hexanone	7.425	43	326255	11.541	ppbv #	96
52) Tetrachloroethene	8.215	164	145788	9.052	ppbv	98
53) Toluene	7.376	91	28490	0.683	ppbv #	68
54) 1,2-Dibromoethane	7.642	107	233457	10.808	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.917	131	211408	11.597	ppbv	99
57) Chlorobenzene	8.914	112	371449	10.947	ppbv	97
58) Ethyl Benzene	9.348	91	615869	11.123	ppbv	98
59) m/p-Xylene	9.542	91	478338	10.810	ppbv #	17
60) o-Xylene	9.956	91	524632	11.865	ppbv	100
61) Styrene	9.865	104	207723	11.168	ppbv	99
62) Isopropylbenzene	10.532	105	750824	11.512	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.956	83	318926	11.235	ppbv	99
64) n-propylbenzene	10.982	120	203161	11.948	ppbv	99
65) tert-Butylbenzene	11.526	119	685288	11.829	ppbv	99
66) Benzyl Chloride	11.610	91	67529	14.199	ppbv	98
67) sec-Butylbenzene	11.762	105	963413	11.692	ppbv	99
69) p-Isopropyltoluene	11.921	119	822590	12.243	ppbv	100
70) n-Butylbenzene	12.277	91	841132	12.960	ppbv	99
71) 2-Chlorotoluene	10.895	91	575639	11.510	ppbv	99
72) 4-Ethyltoluene	11.118	105	644350	12.202	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	541834	12.462	ppbv	100
74) 1,2,4-Trimethylbenzene	11.532	105	608776	12.834	ppbv	92
75) 1,3-Dichlorobenzene	11.600	146	386529	11.624	ppbv	99
76) 1,4-Dichlorobenzene	11.665	146	391456	12.030	ppbv	99
77) 1,2-Dichlorobenzene	11.940	146	380829	11.653	ppbv	99
78) Hexachloro-1,3-Butadiene	13.876	225	302640	10.231	ppbv	99
79) Naphthalene	13.507	128	563249	10.903	ppbv	100
80) Naphthalene,2-methyl-	14.452	142	203706	8.150	ppbv	98
81) 1,2,4-Trichlorobenzene	13.435	180	313518	10.802	ppbv	100

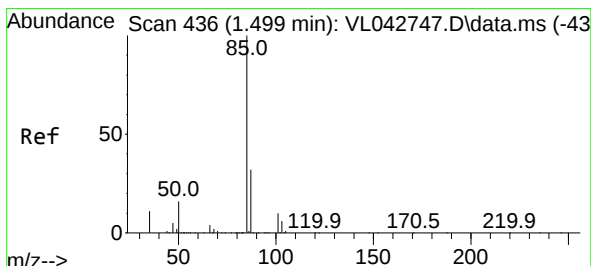
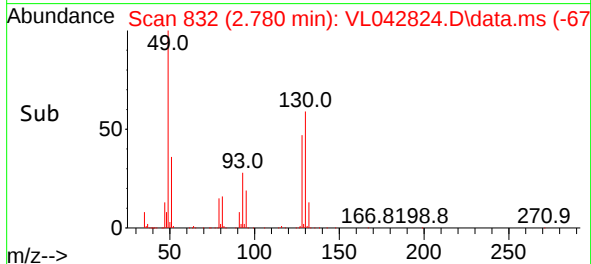
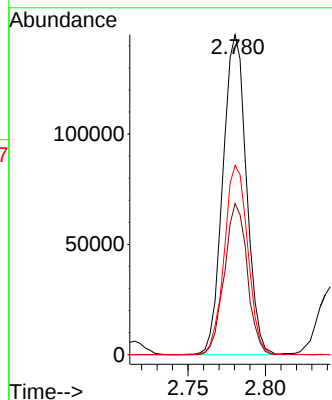
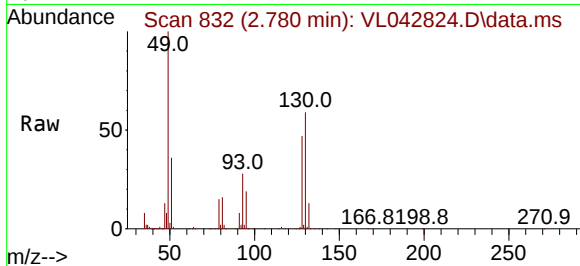
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.780 min Scan# 81
 Delta R.T. -0.004 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

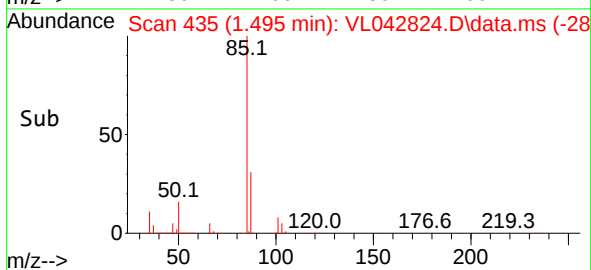
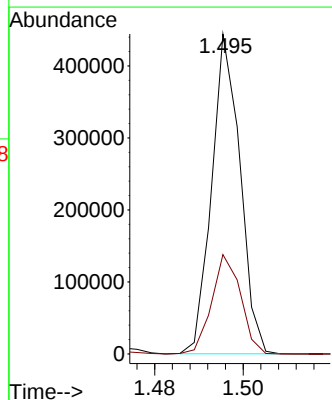
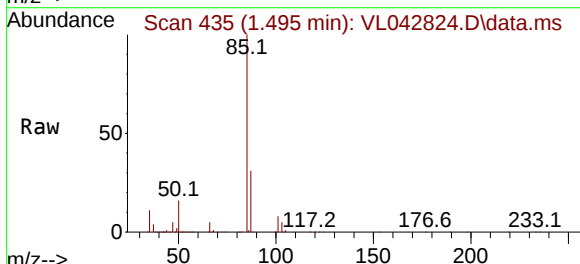
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

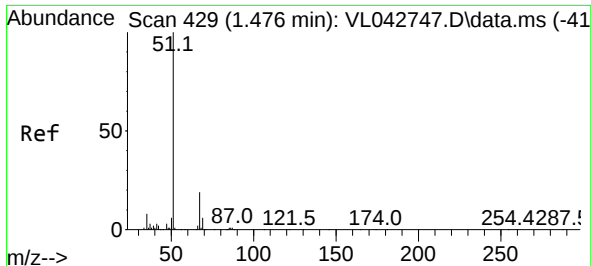
Tgt Ion: 49 Resp: 152875
 Ion Ratio Lower Upper
 49 100
 128 46.0 23.6 71.0
 130 59.2 30.3 90.8



#2
 Dichlorodifluoromethane
 Concen: 9.796 ppbv
 RT: 1.495 min Scan# 435
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

Tgt Ion: 85 Resp: 198002
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.4 38.2

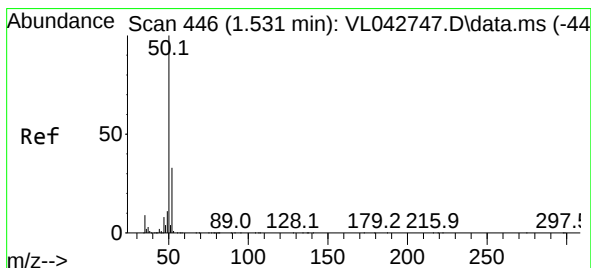
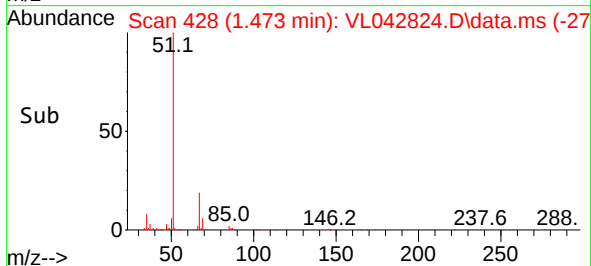
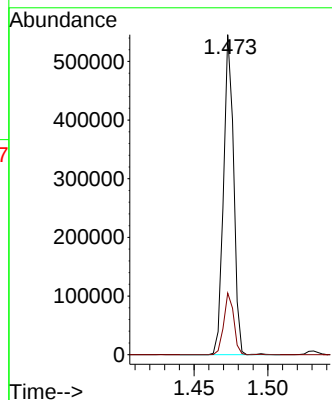
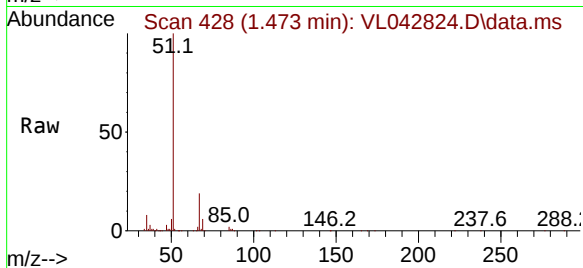




#3
Chlorodifluoromethane
Concen: 9.861 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

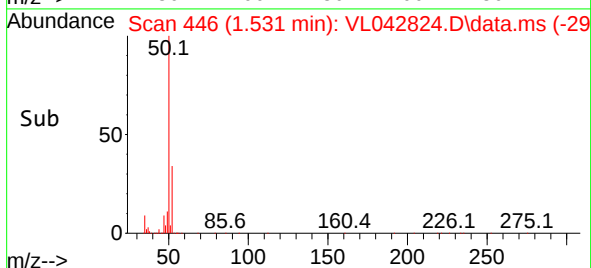
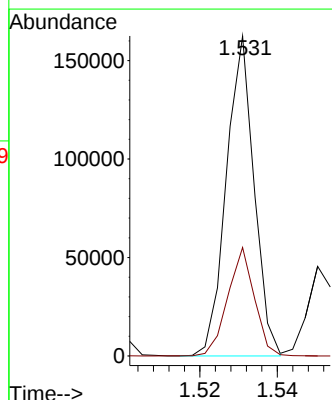
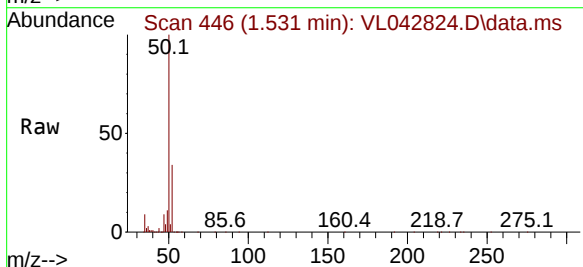
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

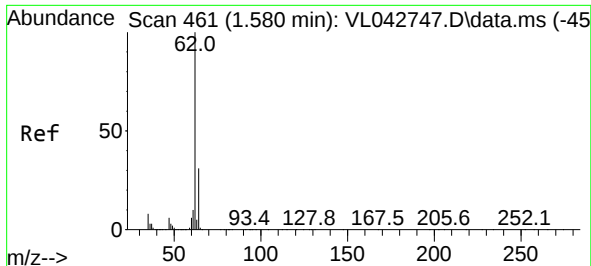
Tgt Ion: 51 Resp: 259636
Ion Ratio Lower Upper
51 100
67 19.1 15.0 22.6



#4
Chloromethane
Concen: 9.913 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 50 Resp: 81057
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0

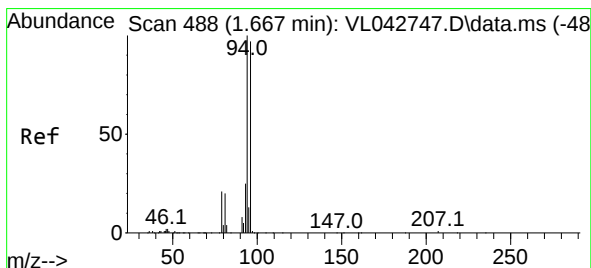
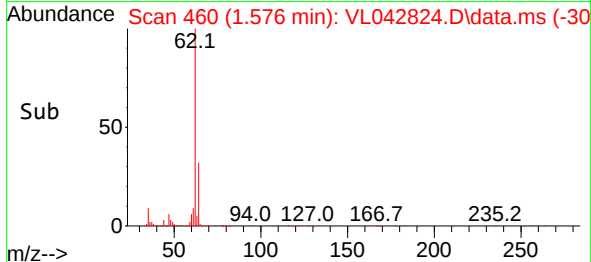
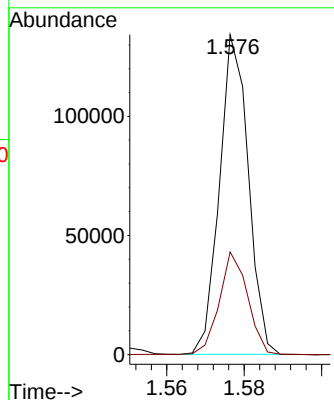
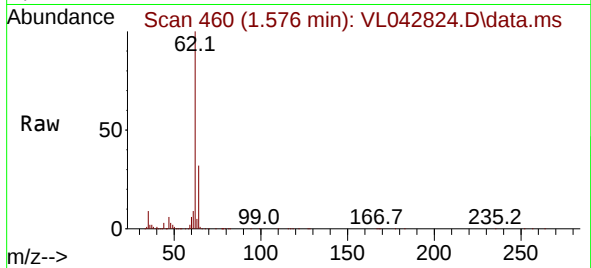




#5
 Vinyl Chloride
 Concen: 8.592 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

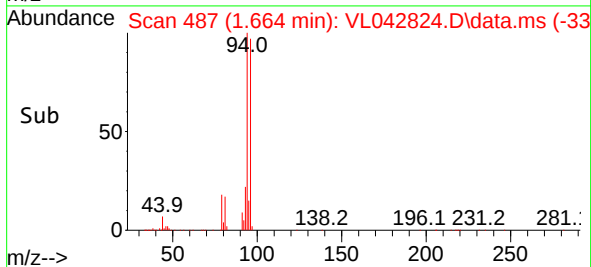
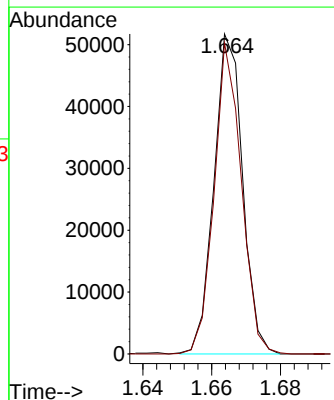
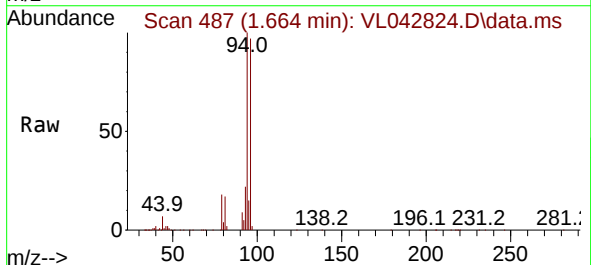
Instrument :
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 ClientSampleId :
 VSTDCCC010

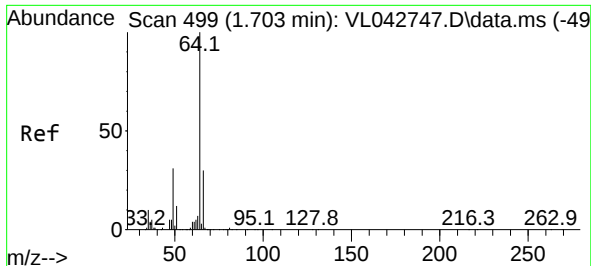
Tgt Ion: 62 Resp: 69415
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.5 36.7



#6
 Bromomethane
 Concen: 9.594 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

Tgt Ion: 94 Resp: 29967
 Ion Ratio Lower Upper
 94 100
 96 97.0 77.6 116.4

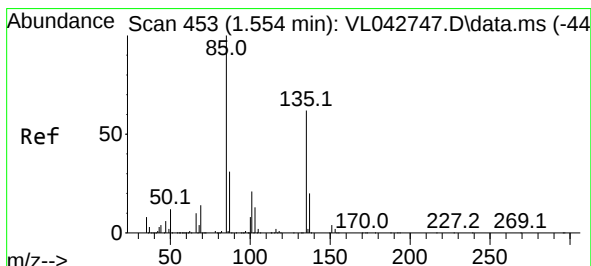
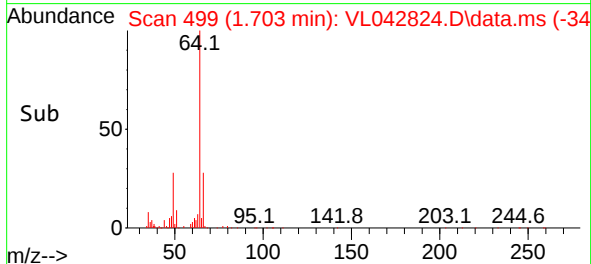
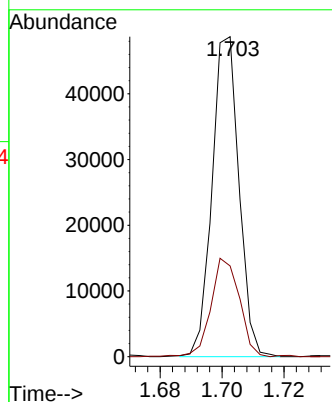
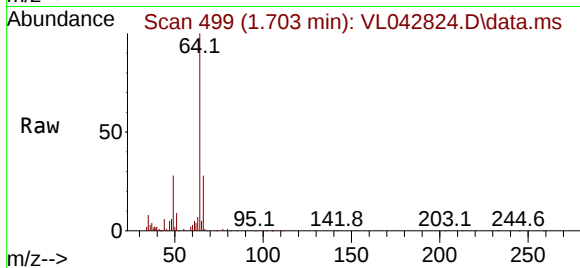




#7
Chloroethane
Concen: 9.416 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

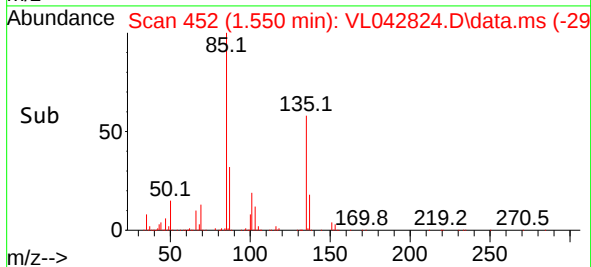
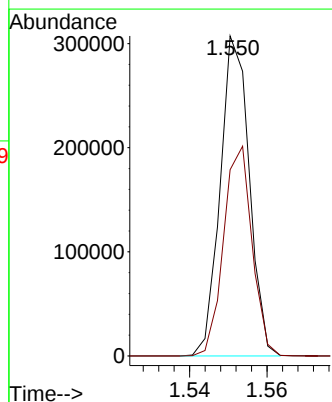
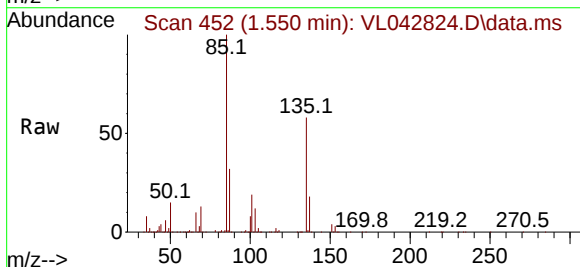
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

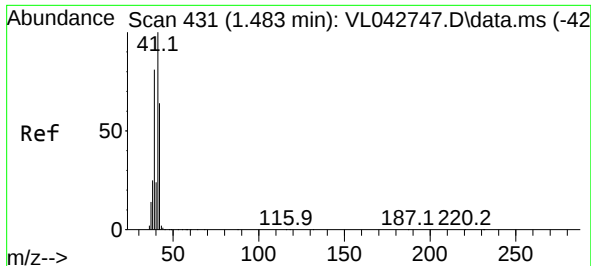
Tgt Ion: 64 Resp: 29394
Ion Ratio Lower Upper
64 100
66 28.4 24.1 36.1



#8
Dichlorotetrafluoroethane
Concen: 9.627 ppbv
RT: 1.550 min Scan# 452
Delta R.T. -0.003 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 85 Resp: 160036
Ion Ratio Lower Upper
85 100
135 64.3 50.6 76.0





#9

Propene

Concen: 8.838 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_L

ClientSampleId :

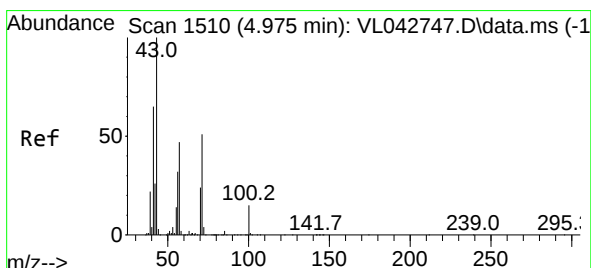
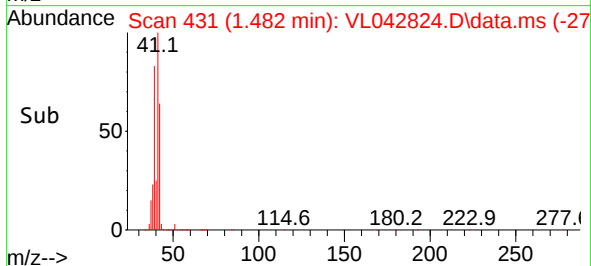
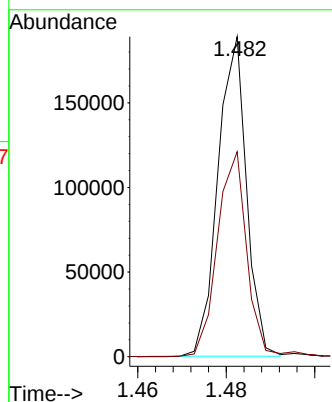
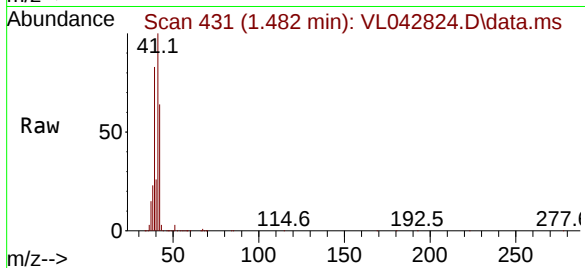
VSTDCCC010

Tgt Ion: 41 Resp: 84574

Ion Ratio Lower Upper

41 100

42 66.9 53.2 79.8



#10

Heptane

Concen: 10.328 ppbv

RT: 4.965 min Scan# 1507

Delta R.T. -0.010 min

Lab File: VL042824.D

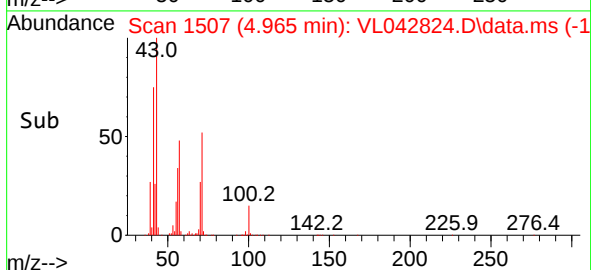
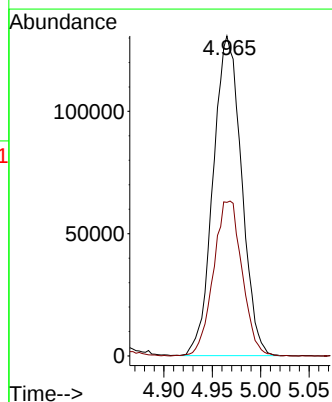
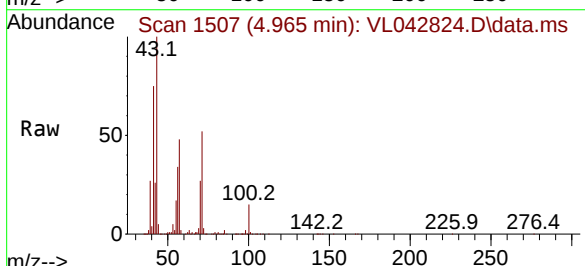
Acq: 07 Aug 2025 08:27

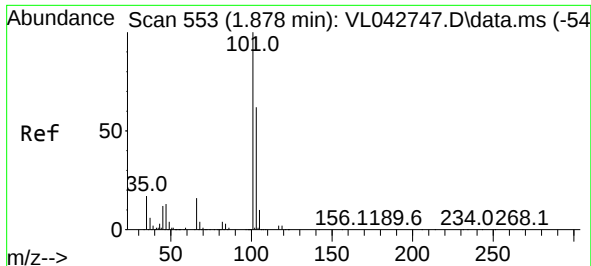
Tgt Ion: 43 Resp: 266506

Ion Ratio Lower Upper

43 100

57 48.9 39.9 59.9





#11

Trichlorofluoromethane

Concen: 9.697 ppbv

RT: 1.874 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_L

ClientSampleId :

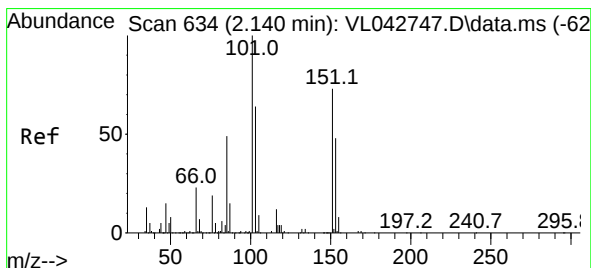
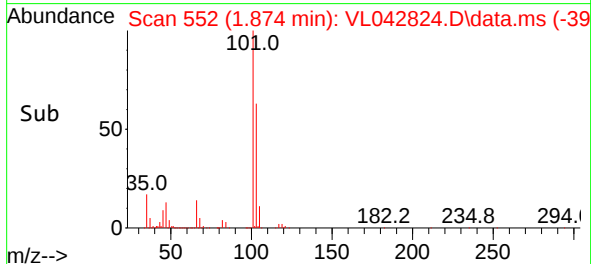
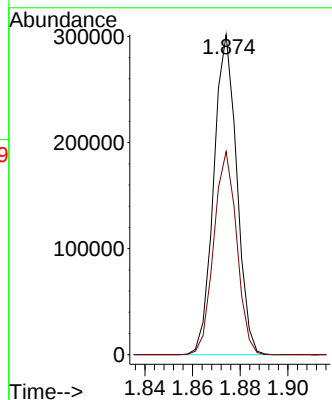
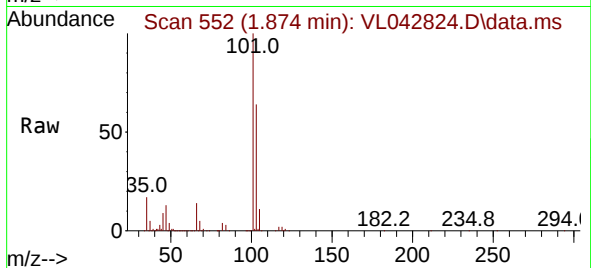
VSTDCCC010

Tgt Ion:101 Resp: 202046

Ion Ratio Lower Upper

101 100

103 63.5 49.6 74.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.784 ppbv

RT: 2.136 min Scan# 633

Delta R.T. -0.003 min

Lab File: VL042824.D

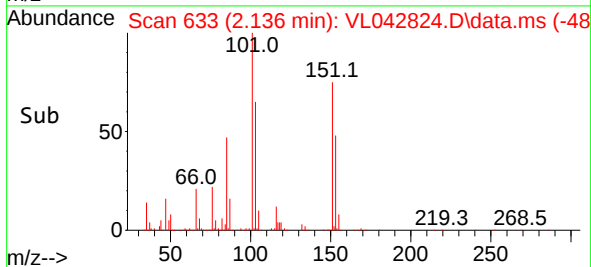
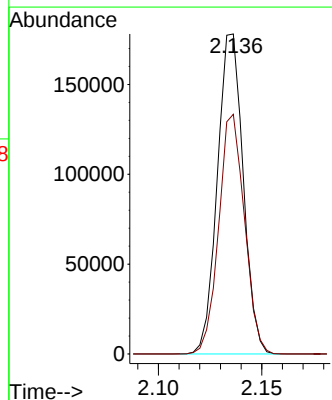
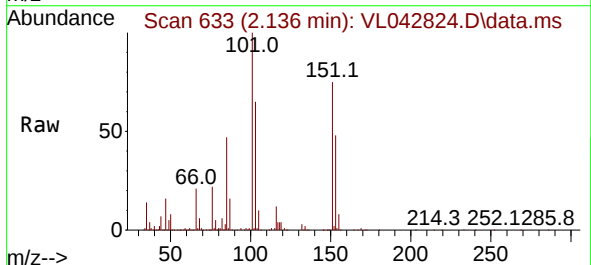
Acq: 07 Aug 2025 08:27

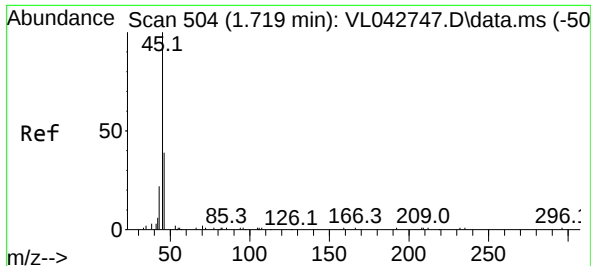
Tgt Ion:101 Resp: 154906

Ion Ratio Lower Upper

101 100

151 74.6 60.5 90.7

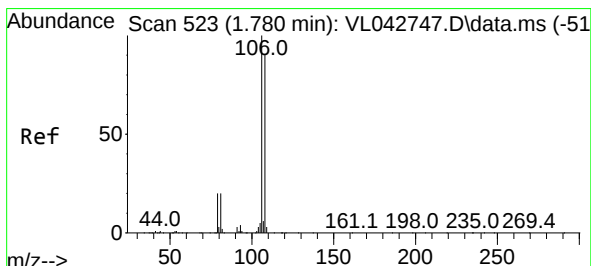
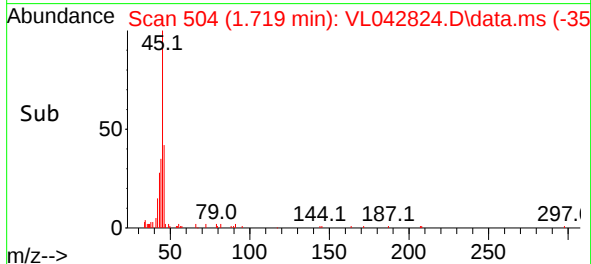
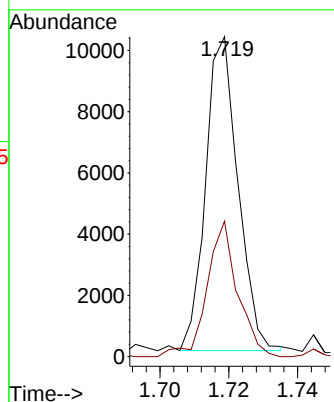
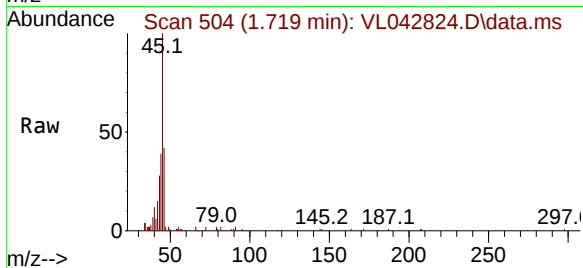




#13
Ethanol
Concen: 8.461 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

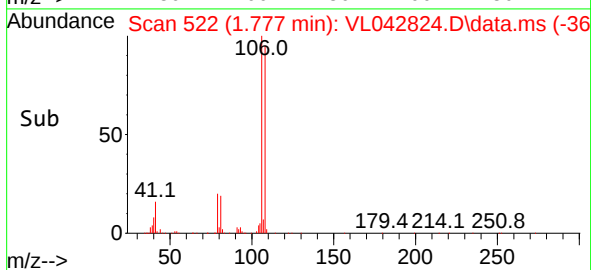
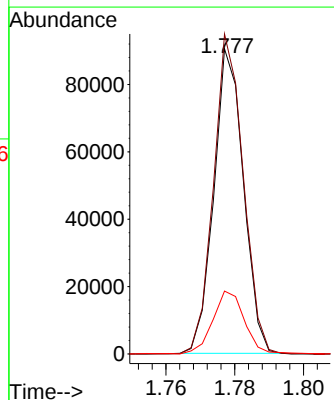
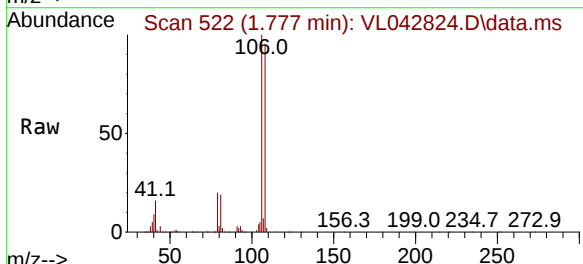
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

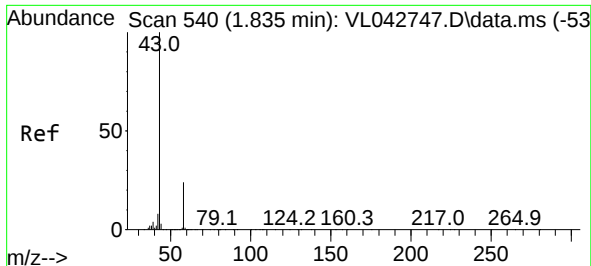
Tgt Ion: 45 Resp: 6698
Ion Ratio Lower Upper
45 100
46 41.8 17.8 71.4



#14
Bromoethene
Concen: 9.650 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.003 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 108 Resp: 54097
Ion Ratio Lower Upper
108 100
106 105.4 84.7 127.1
79 22.4 17.4 26.2

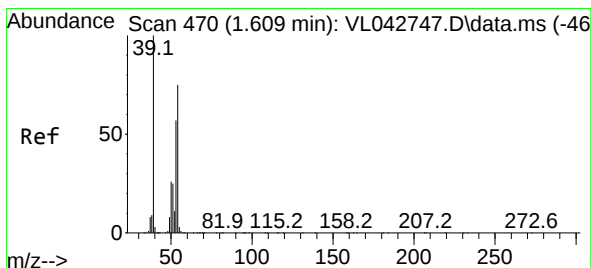
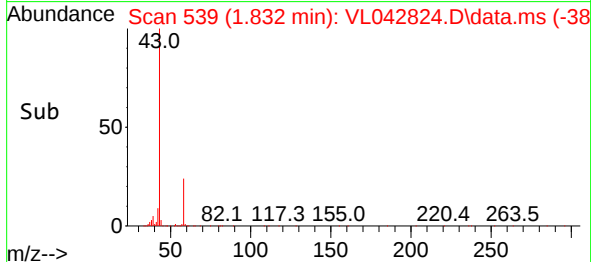
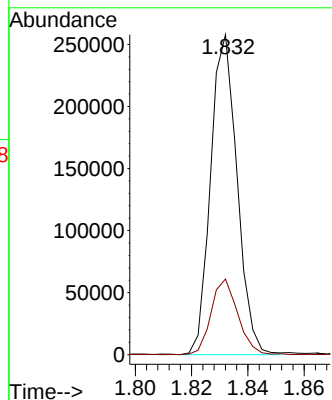
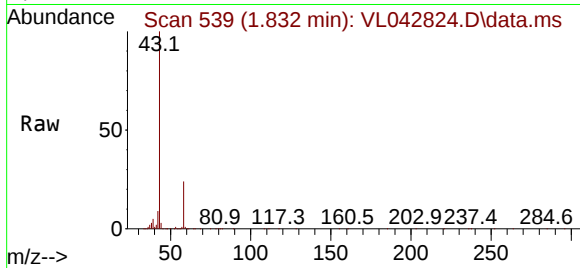




#15
Acetone
Concen: 7.992 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

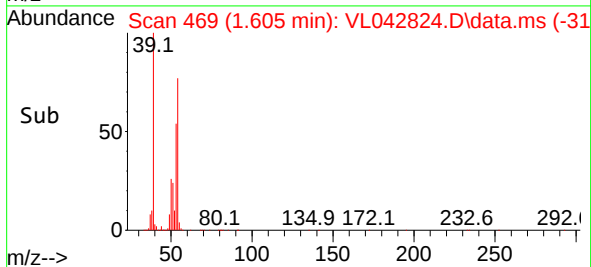
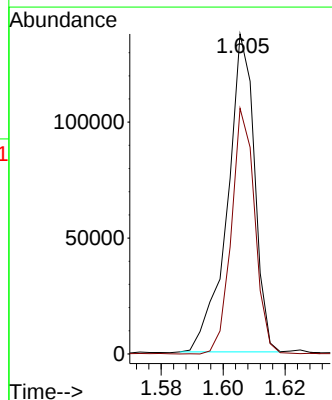
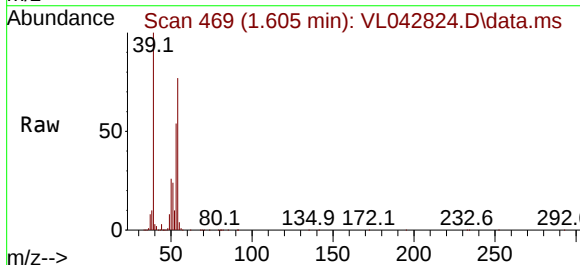
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

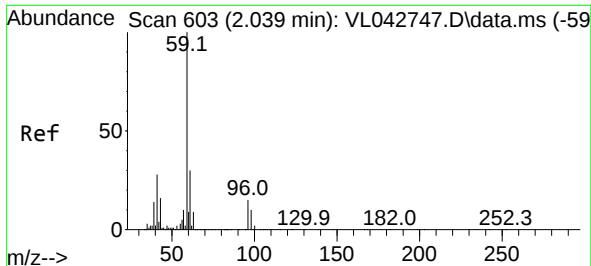
Tgt Ion: 43 Resp: 168703
Ion Ratio Lower Upper
43 100
58 24.0 19.8 29.8



#16
1,3-Butadiene
Concen: 9.255 ppbv
RT: 1.605 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 39 Resp: 83330
Ion Ratio Lower Upper
39 100
54 66.9 54.5 81.7





#17

tert-Butyl alcohol

Concen: 9.051 ppbv

RT: 2.036 min Scan# 603

Delta R.T. -0.003 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_L

ClientSampleId :

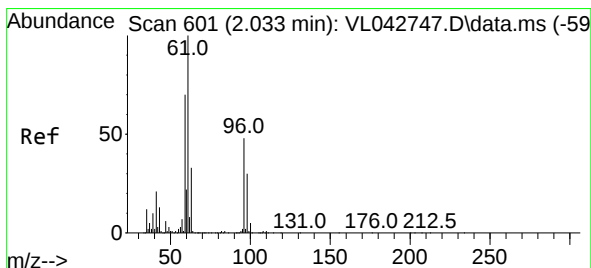
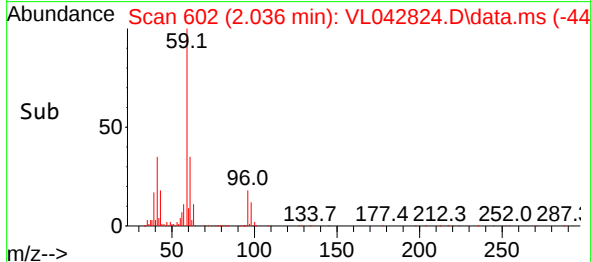
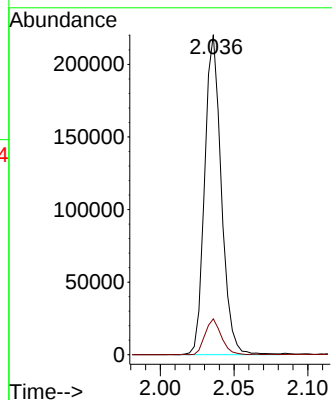
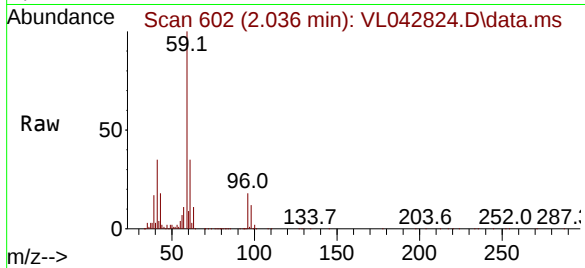
VSTDCCC010

Tgt Ion: 59 Resp: 172327

Ion Ratio Lower Upper

59 100

57 11.0 8.3 12.5



#18

1,1-Dichloroethene

Concen: 9.068 ppbv

RT: 2.029 min Scan# 600

Delta R.T. -0.003 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

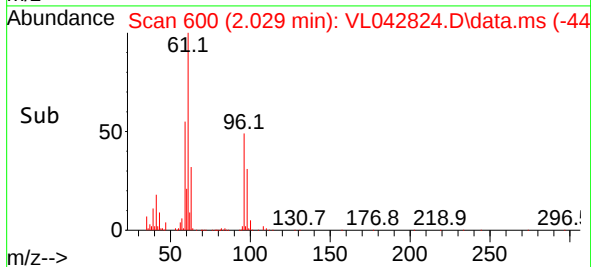
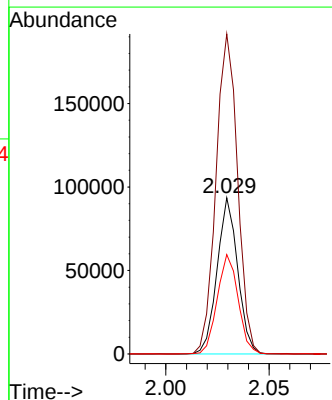
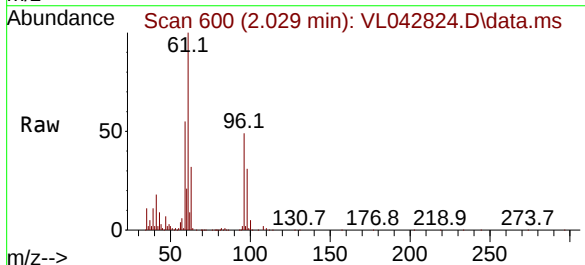
Tgt Ion: 96 Resp: 64871

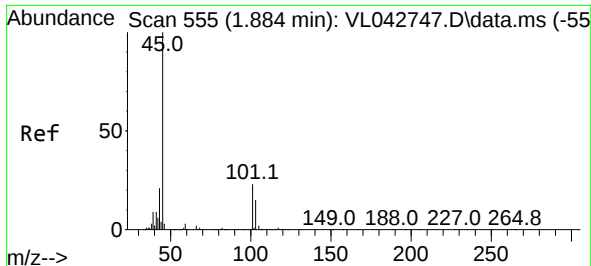
Ion Ratio Lower Upper

96 100

61 205.0 165.8 248.6

98 63.6 49.9 74.9





#19

Isopropyl Alcohol

Concen: 9.267 ppbv

RT: 1.881 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_L

ClientSampleId :

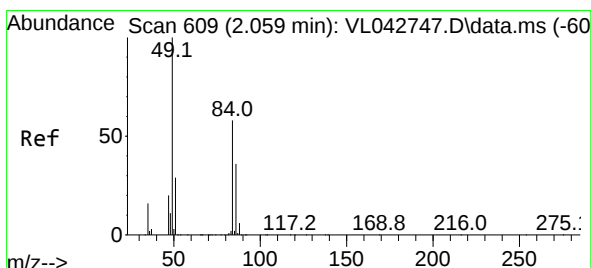
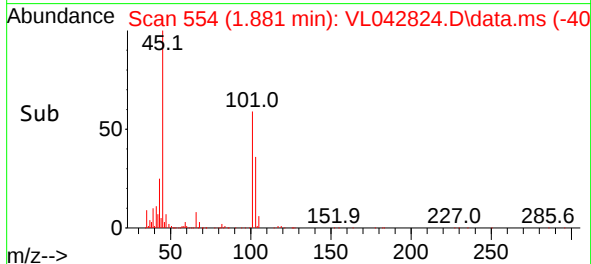
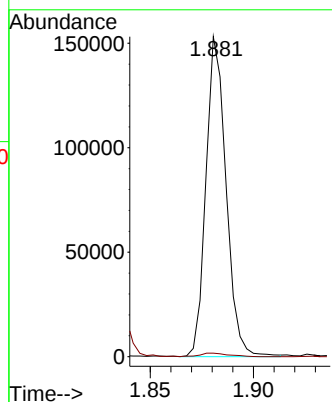
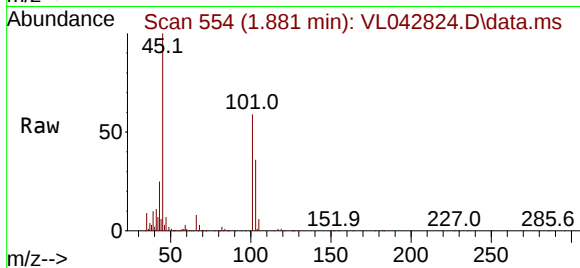
VSTDCCC010

Tgt Ion: 45 Resp: 103955

Ion Ratio Lower Upper

45 100

58 39.0 30.0 45.0



#20

Methylene Chloride

Concen: 8.764 ppbv

RT: 2.055 min Scan# 608

Delta R.T. -0.003 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Tgt Ion: 84 Resp: 58299

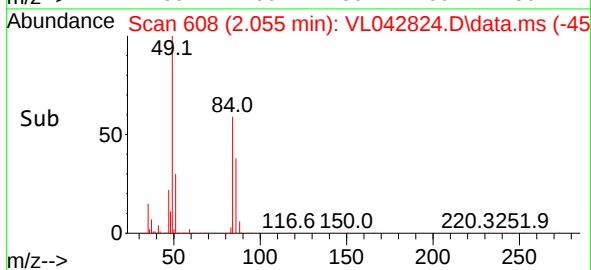
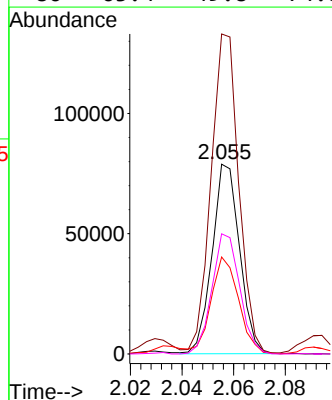
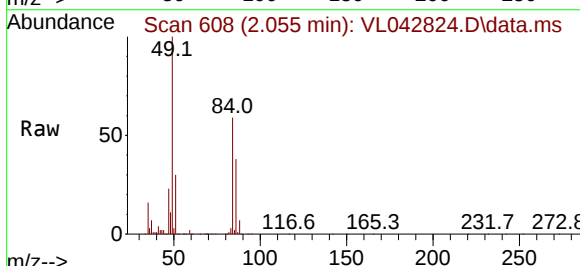
Ion Ratio Lower Upper

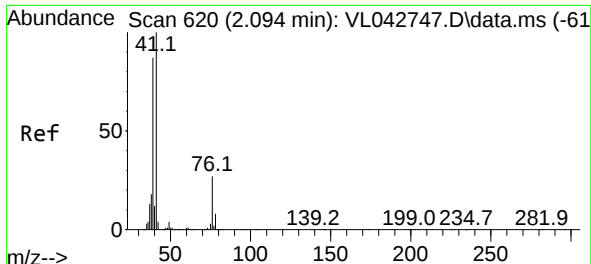
84 100

49 168.3 138.6 208.0

51 51.0 40.6 61.0

86 63.4 49.8 74.8

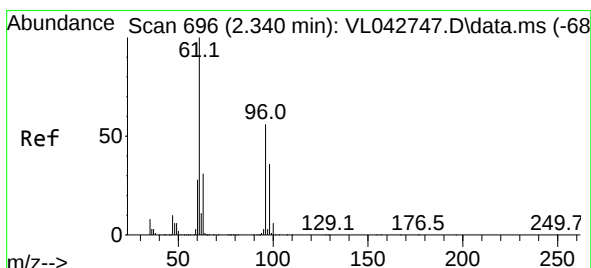
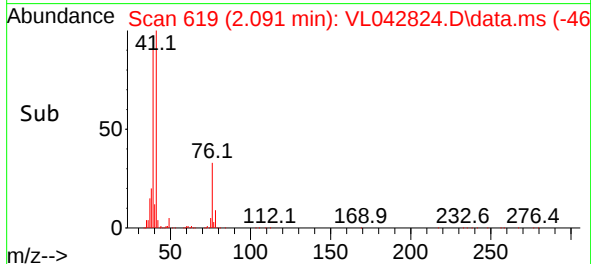
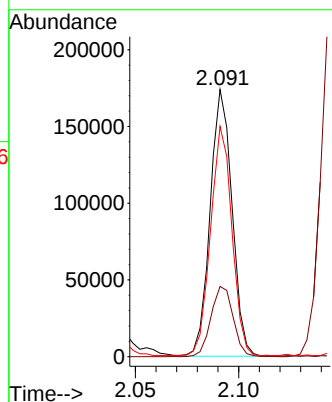
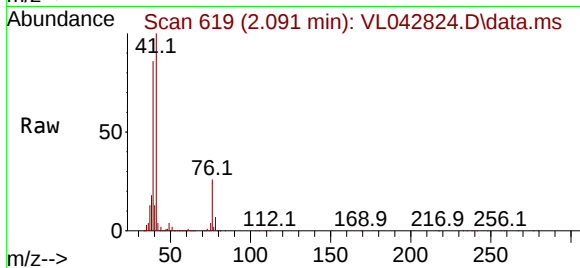




#21
 Allyl Chloride
 Concen: 9.837 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

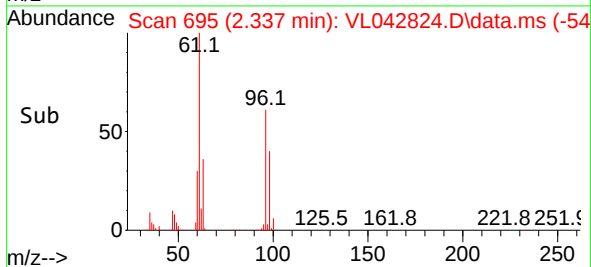
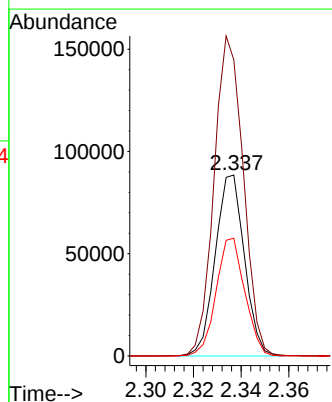
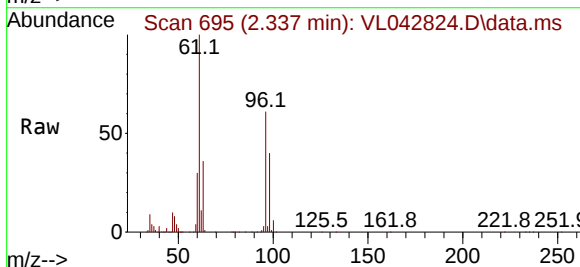
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

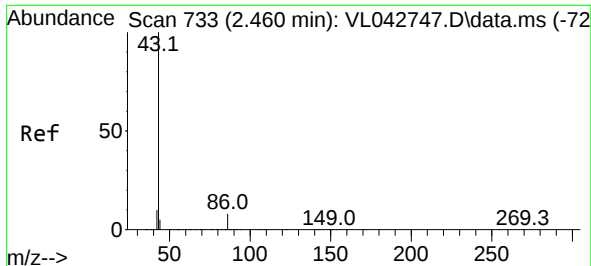
Tgt Ion: 41 Resp: 127987
 Ion Ratio Lower Upper
 41 100
 76 26.7 21.1 31.7
 39 84.0 68.3 102.5



#22
 trans-1,2-Dichloroethene
 Concen: 9.778 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

Tgt Ion: 96 Resp: 75249
 Ion Ratio Lower Upper
 96 100
 61 163.4 142.3 213.5
 98 64.9 50.6 76.0



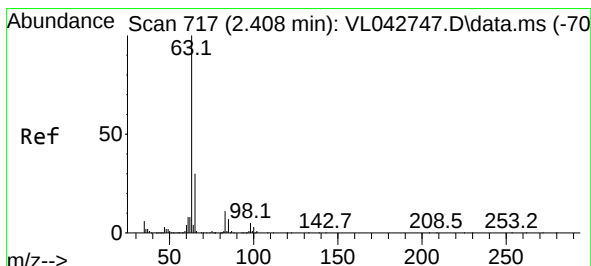
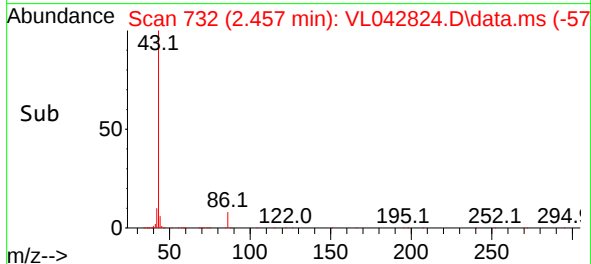
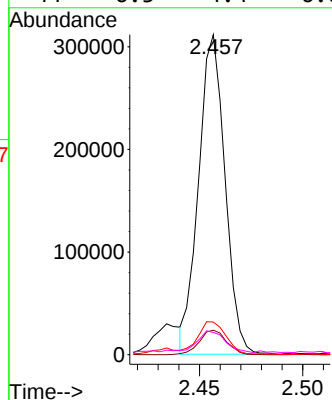
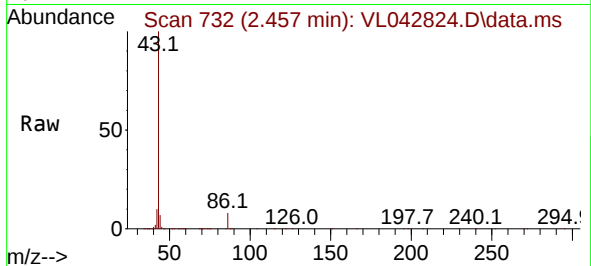


#23
 Vinyl Acetate
 Concen: 10.818 ppbv
 RT: 2.457 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 276849

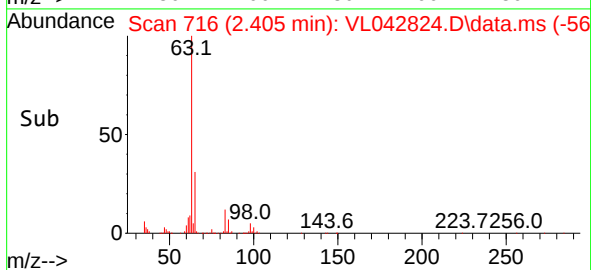
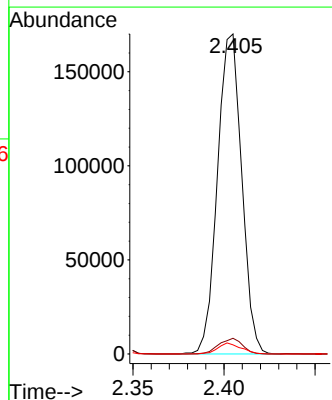
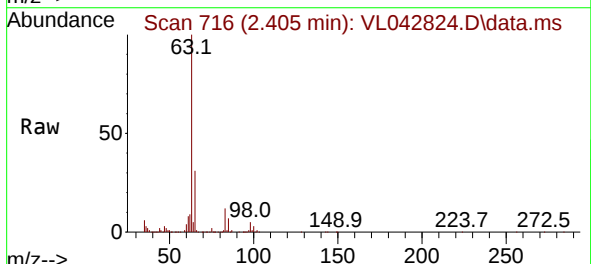
Ion	Ratio	Lower	Upper
43	100		
86	7.7	6.1	9.1
42	10.2	7.8	11.8
44	6.3	4.4	6.6

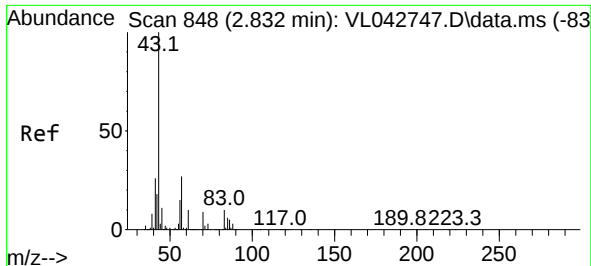


#24
 1,1-Dichloroethane
 Concen: 9.953 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

Tgt Ion: 63 Resp: 157224

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.5	7.4
100	2.8	1.6	4.8



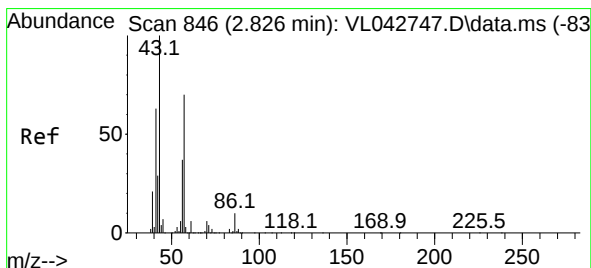
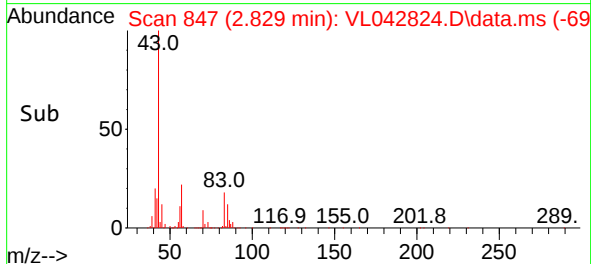
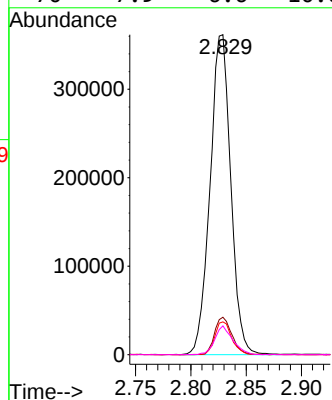
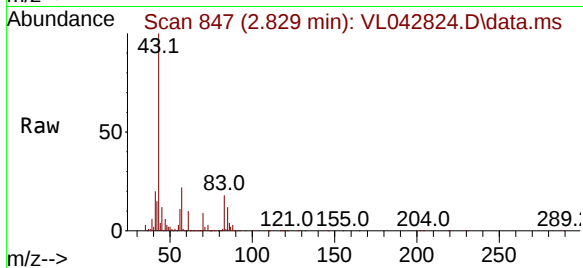


#25
Ethyl Acetate
Concen: 10.065 ppbv
RT: 2.829 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 470307

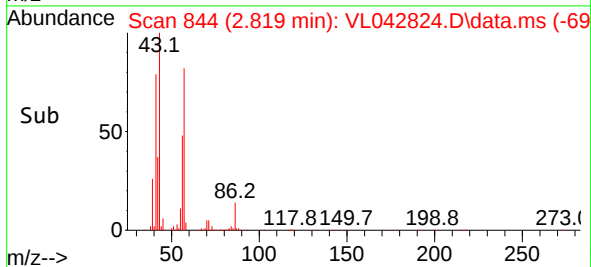
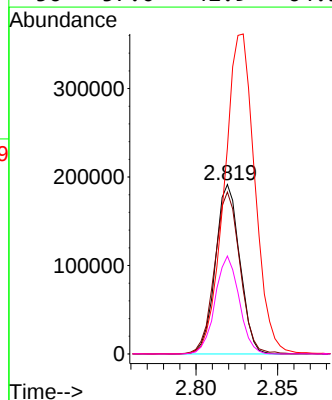
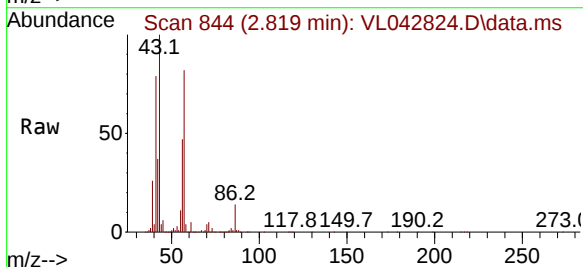
Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.8	11.6
61	8.5	6.7	10.1
70	7.9	6.6	10.0

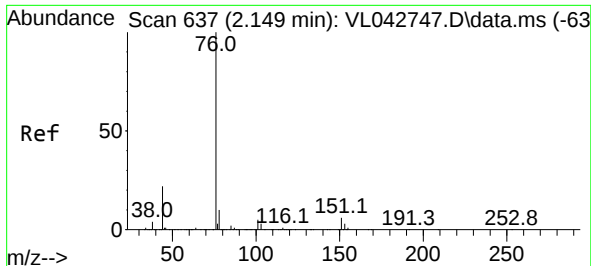


#26
Hexane
Concen: 9.725 ppbv
RT: 2.819 min Scan# 844
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 57 Resp: 199330

Ion	Ratio	Lower	Upper
57	100		
41	99.5	75.4	113.2
43	236.8	185.0	277.6
56	57.0	42.9	64.3

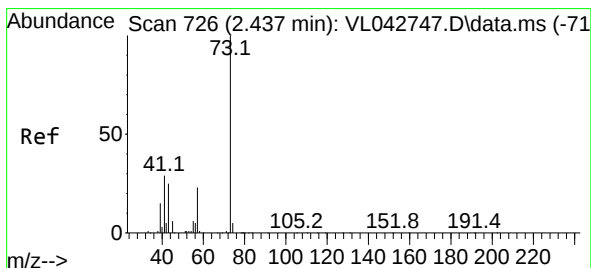
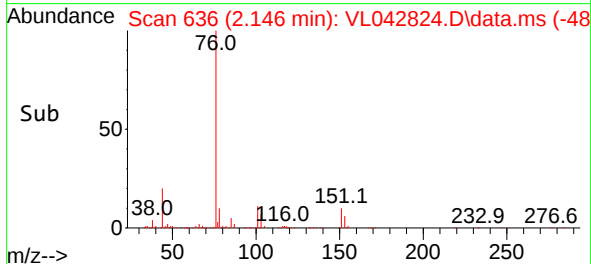
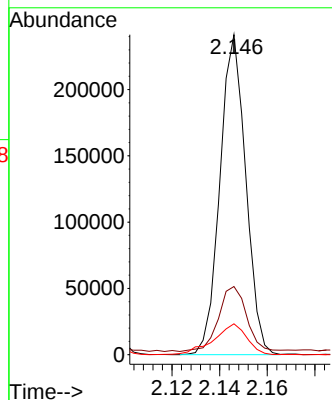
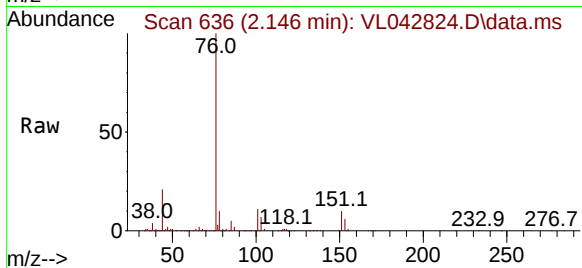




#27
Carbon Disulfide
Concen: 10.352 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

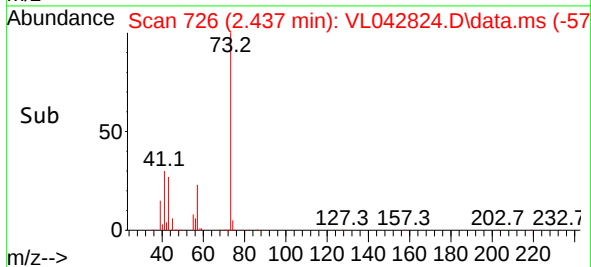
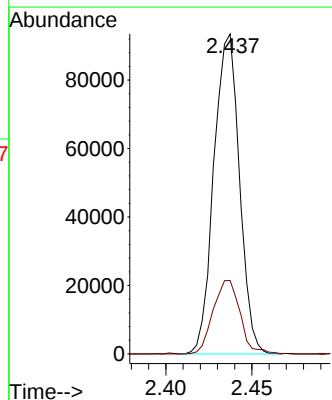
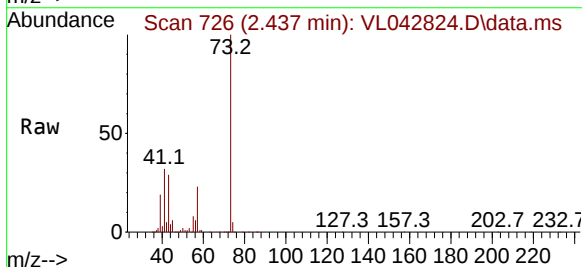
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

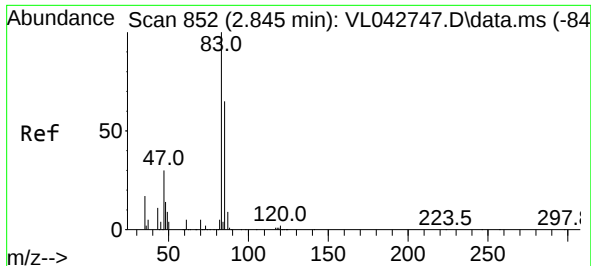
Tgt Ion: 76 Resp: 181651
Ion Ratio Lower Upper
76 100
44 21.7 19.3 28.9
78 12.4 9.9 14.9



#28
Methyl tert-Butyl Ether
Concen: 9.985 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.000 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 73 Resp: 96685
Ion Ratio Lower Upper
73 100
57 24.3 19.8 29.8





#29

Chloroform

Concen: 10.269 ppbv

RT: 2.842 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_L

ClientSampleId :

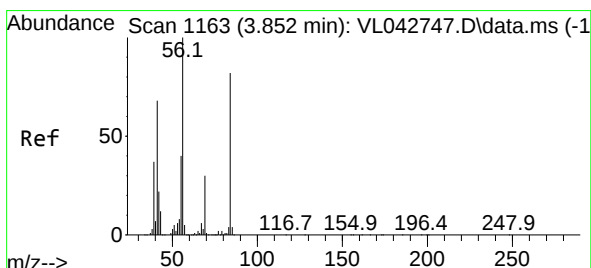
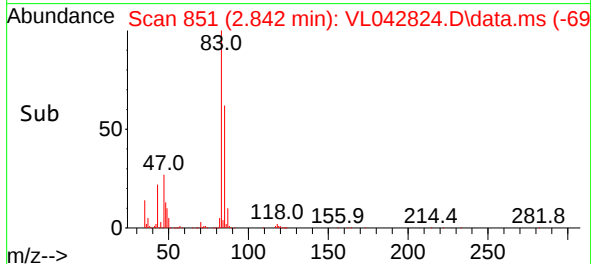
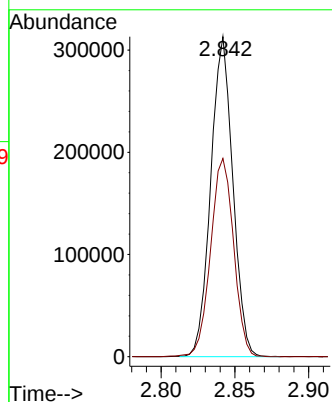
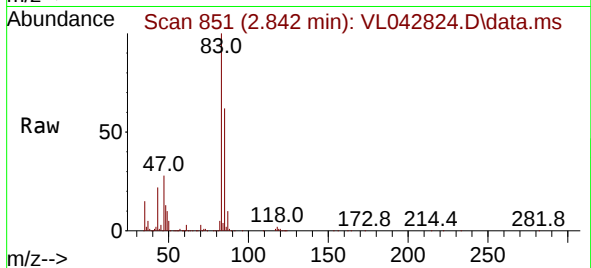
VSTDCCC010

Tgt Ion: 83 Resp: 325268

Ion Ratio Lower Upper

83 100

85 62.0 52.2 78.2



#30

Cyclohexane

Concen: 9.369 ppbv

RT: 3.845 min Scan# 1161

Delta R.T. -0.007 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

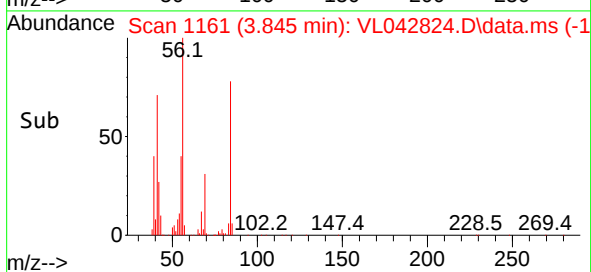
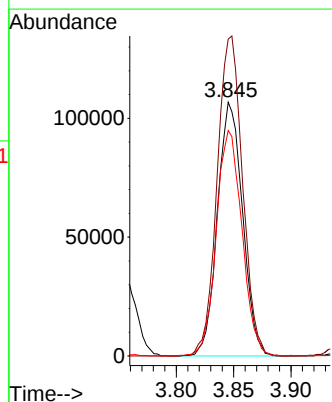
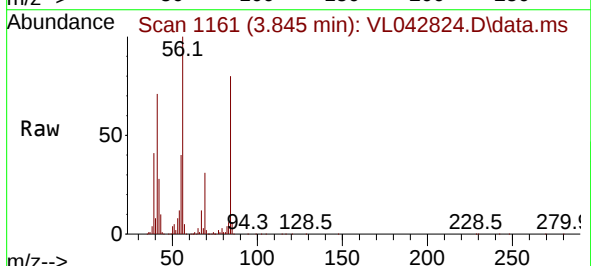
Tgt Ion: 84 Resp: 162874

Ion Ratio Lower Upper

84 100

56 127.3 97.5 146.3

41 90.6 67.2 100.8

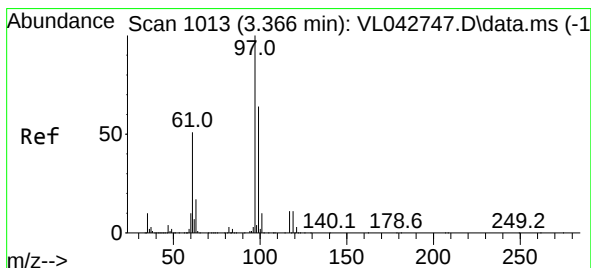
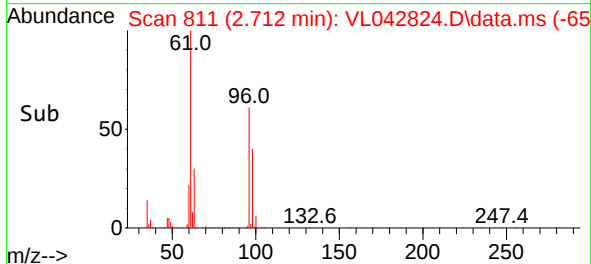
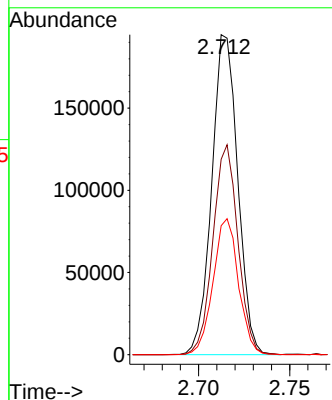
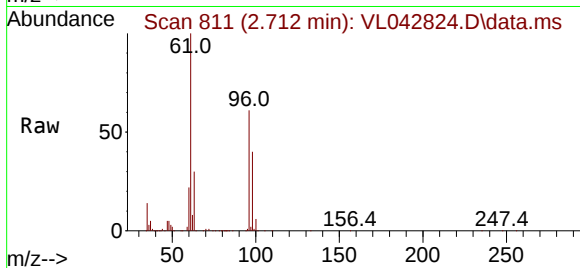




#31
 cis-1,2-Dichloroethene
 Concen: 9.171 ppbv
 RT: 2.712 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

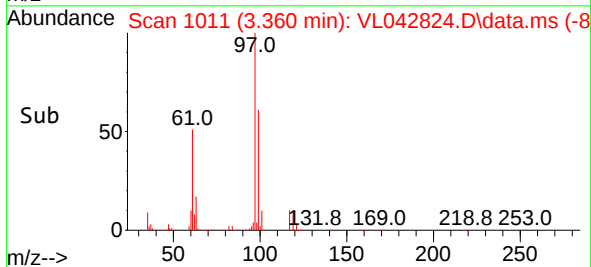
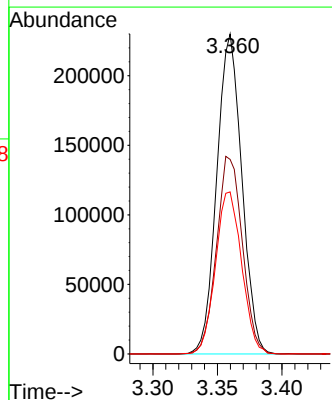
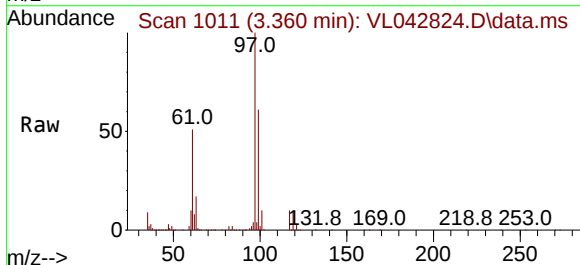
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

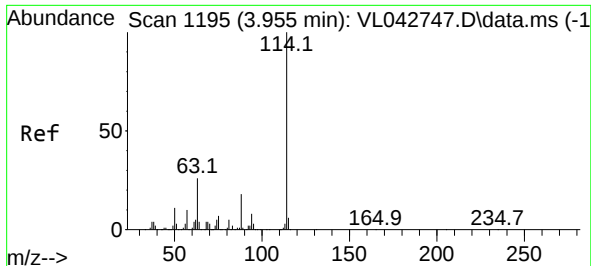
Tgt Ion: 61 Resp: 193169
 Ion Ratio Lower Upper
 61 100
 96 61.0 53.5 80.3
 98 40.3 33.6 50.4



#32
 1,1,1-Trichloroethane
 Concen: 9.404 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. -0.007 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

Tgt Ion: 97 Resp: 310277
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.0 76.6
 61 52.9 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.949 min Scan# 1193

Delta R.T. -0.007 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

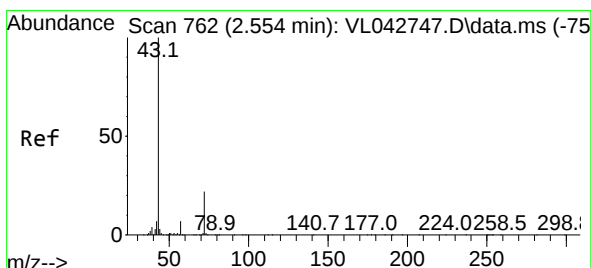
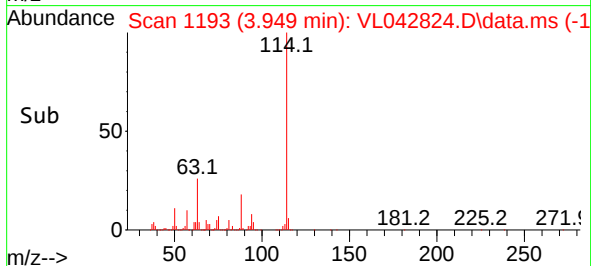
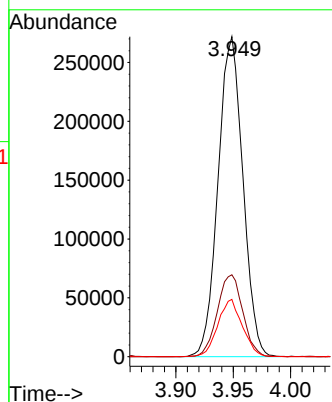
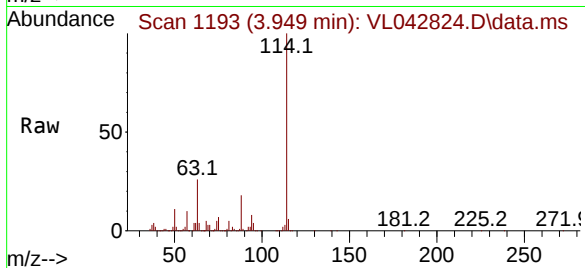
Tgt Ion:114 Resp: 409968

Ion Ratio Lower Upper

114 100

63 26.2 20.5 30.7

88 17.7 14.0 21.0



#34

2-Butanone

Concen: 10.492 ppbv

RT: 2.551 min Scan# 761

Delta R.T. -0.003 min

Lab File: VL042824.D

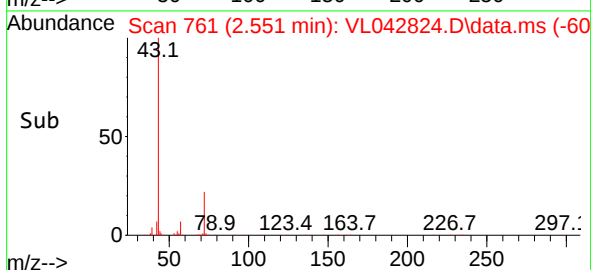
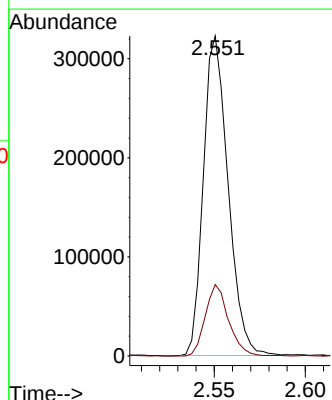
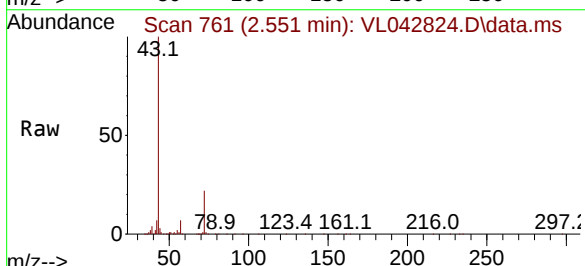
Acq: 07 Aug 2025 08:27

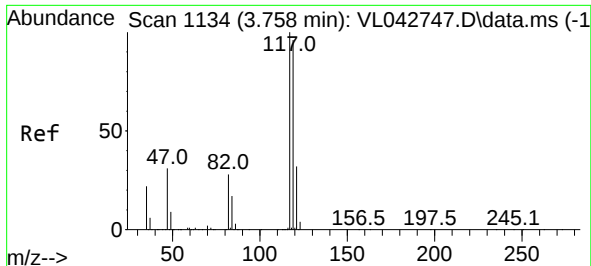
Tgt Ion: 43 Resp: 304692

Ion Ratio Lower Upper

43 100

72 21.3 17.4 26.0

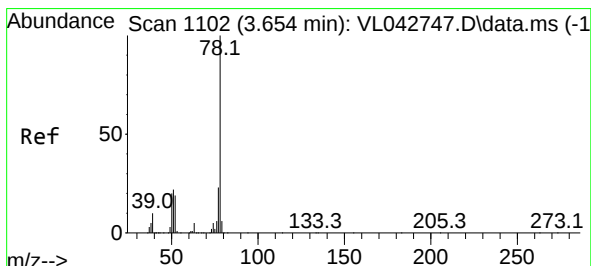
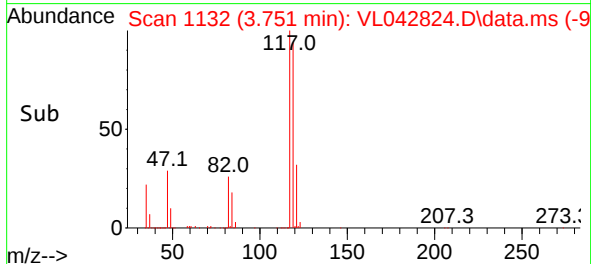
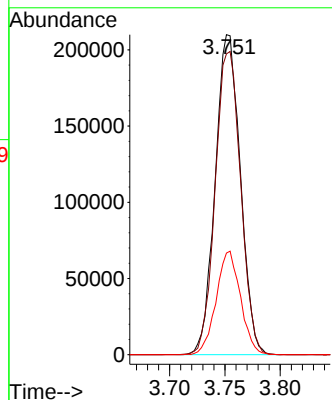
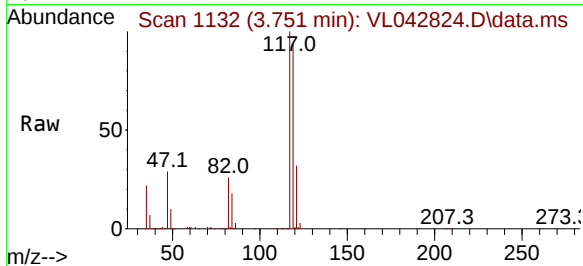




#35
Carbon Tetrachloride
Concen: 10.916 ppbv
RT: 3.751 min Scan# 1132
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

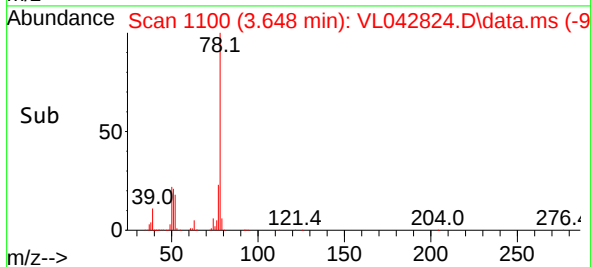
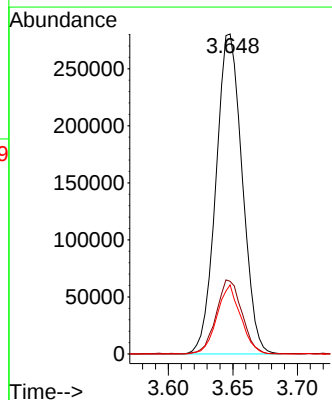
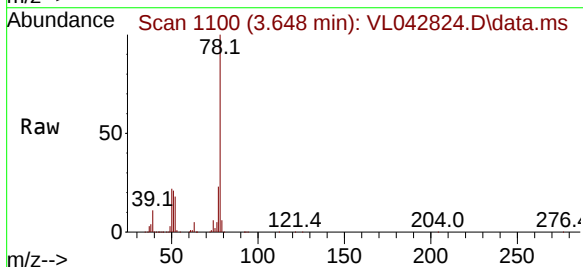
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

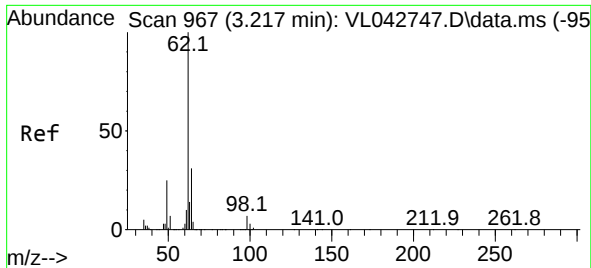
Tgt Ion:117 Resp: 332414
Ion Ratio Lower Upper
117 100
119 94.0 77.1 115.7
121 31.8 25.5 38.3



#36
Benzene
Concen: 10.211 ppbv
RT: 3.648 min Scan# 1100
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 78 Resp: 396745
Ion Ratio Lower Upper
78 100
77 22.6 18.5 27.7
50 21.5 16.2 24.2





#37

1,2-Dichloroethane

Concen: 10.552 ppbv

RT: 3.211 min Scan# 9

Delta R.T. -0.007 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_L

ClientSampleId :

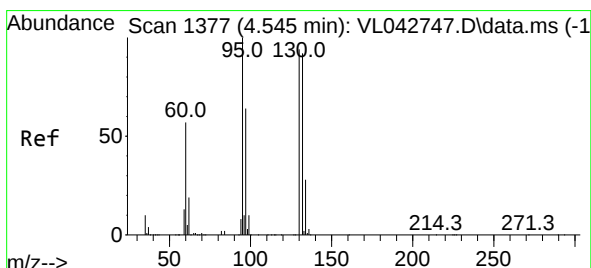
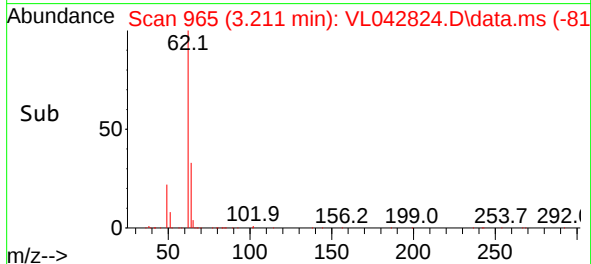
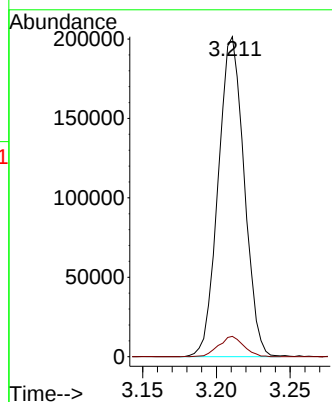
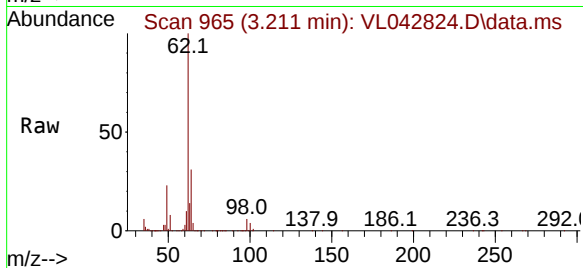
VSTDCCC010

Tgt Ion: 62 Resp: 246983

Ion Ratio Lower Upper

62 100

98 6.1 5.2 7.8



#38

Trichloroethene

Concen: 9.611 ppbv

RT: 4.538 min Scan# 1375

Delta R.T. -0.007 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Tgt Ion:130 Resp: 179403

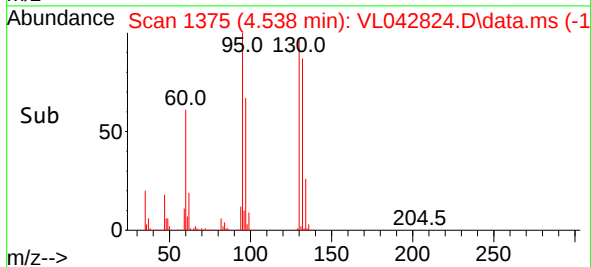
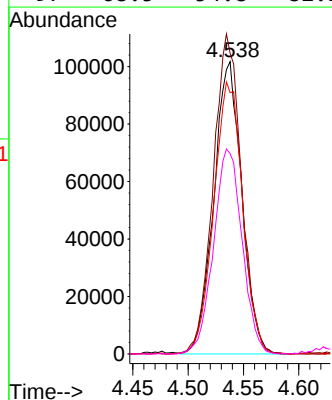
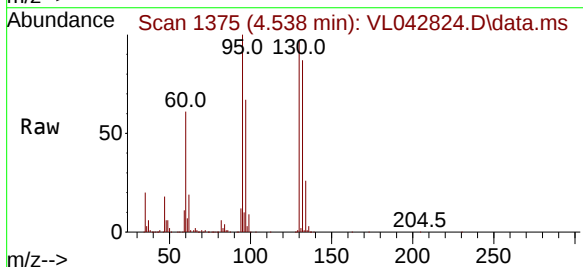
Ion Ratio Lower Upper

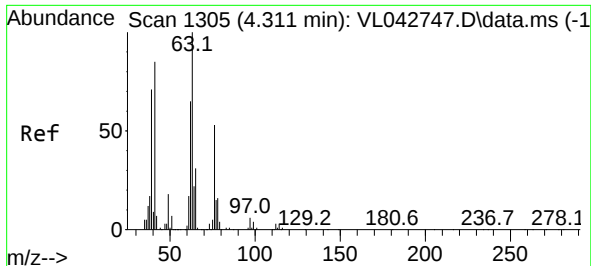
130 100

95 102.5 85.4 128.2

132 89.2 78.2 117.2

97 68.5 54.8 82.2





#39

1,2-Dichloropropane

Concen: 10.258 ppbv

RT: 4.298 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

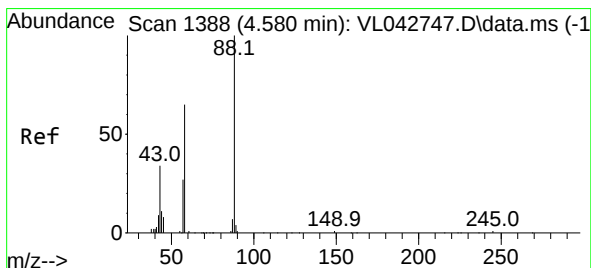
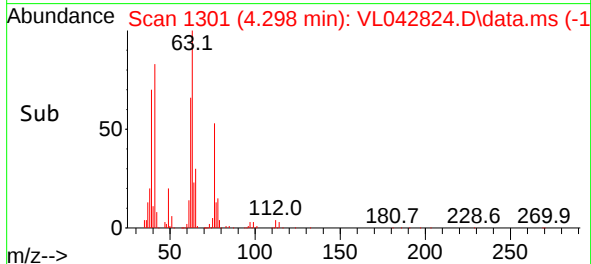
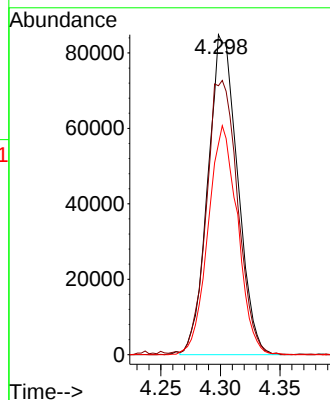
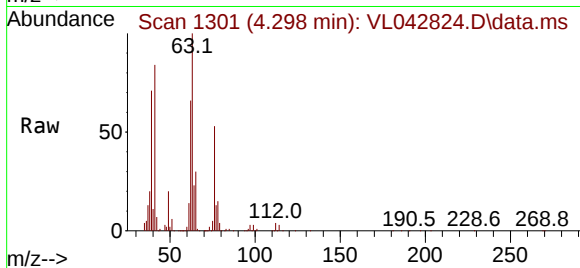
Tgt Ion: 63 Resp: 147118

Ion Ratio Lower Upper

63 100

41 83.9 68.2 102.4

62 65.5 52.0 78.0



#40

1,4-Dioxane

Concen: 9.432 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. -0.016 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Tgt Ion: 88 Resp: 63053

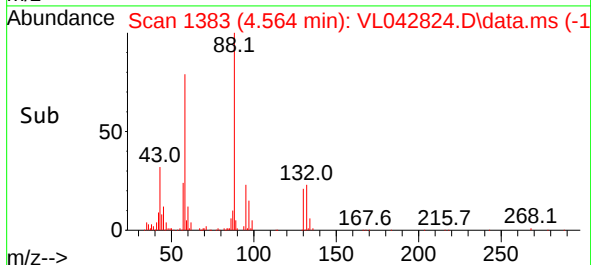
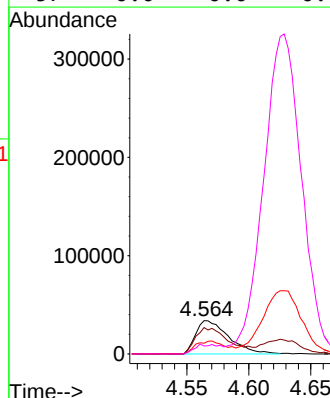
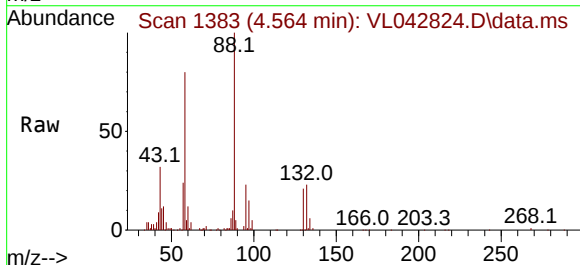
Ion Ratio Lower Upper

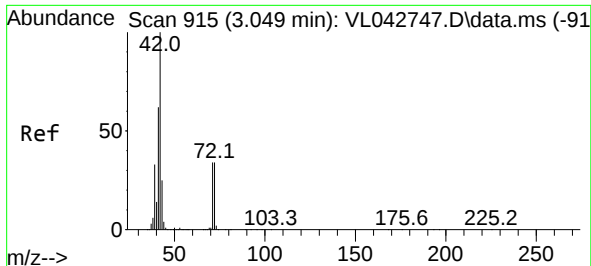
88 100

58 81.2 58.8 88.2

43 34.4 28.9 43.3

57 0.0 0.0 0.0

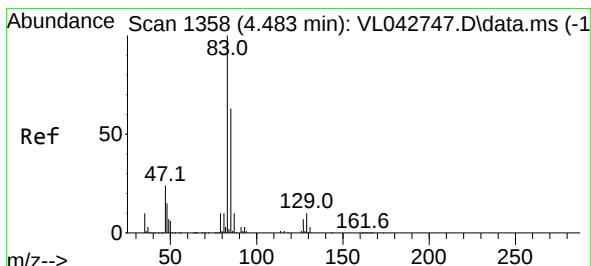
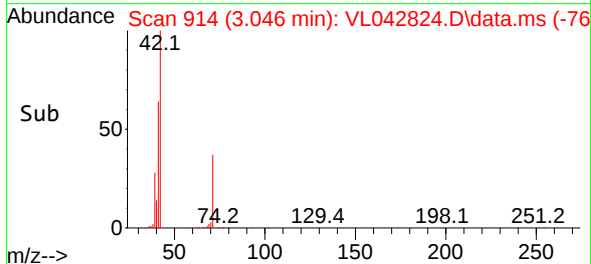
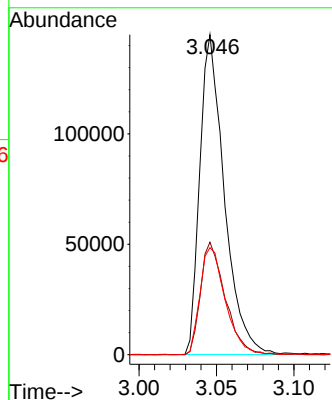
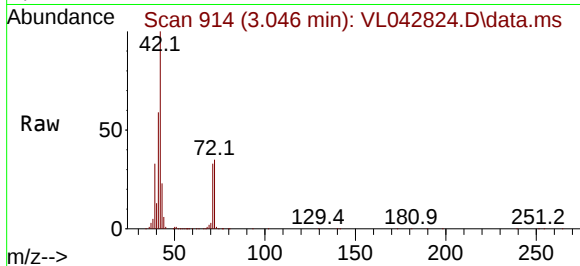




#41
Tetrahydrofuran
Concen: 10.776 ppbv
RT: 3.046 min Scan# 915
Delta R.T. -0.003 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

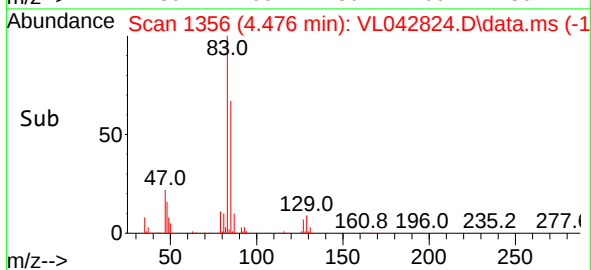
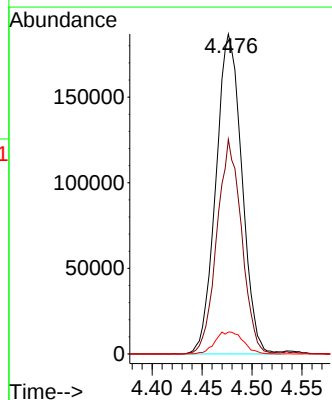
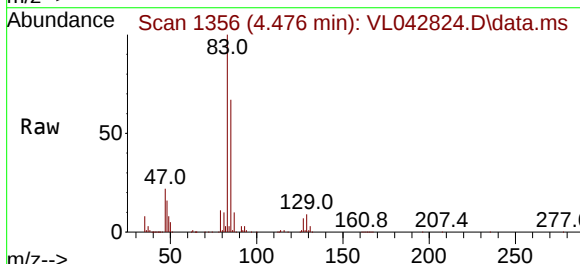
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

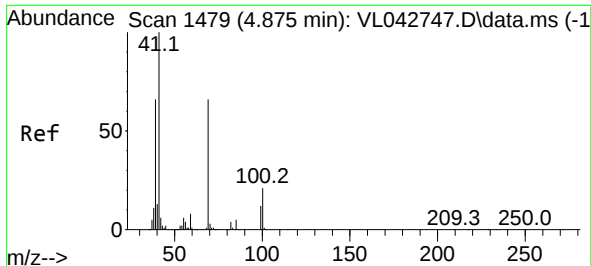
Tgt Ion: 42 Resp: 159238
Ion Ratio Lower Upper
42 100
72 35.4 30.9 46.3
71 34.8 28.6 43.0



#42
Bromodichloromethane
Concen: 11.096 ppbv
RT: 4.476 min Scan# 1356
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 83 Resp: 338249
Ion Ratio Lower Upper
83 100
85 67.1 50.2 75.4
127 6.9 5.4 8.2

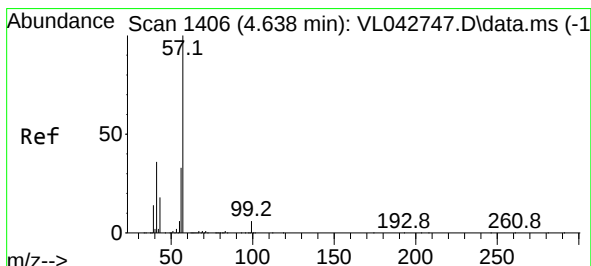
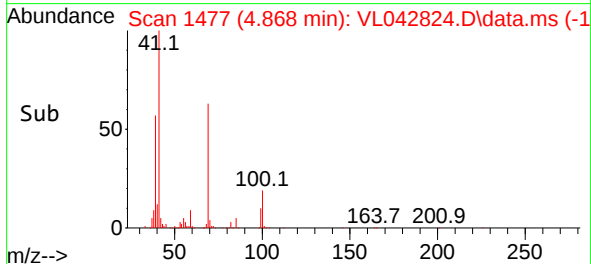
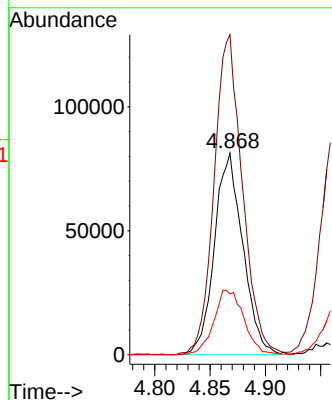
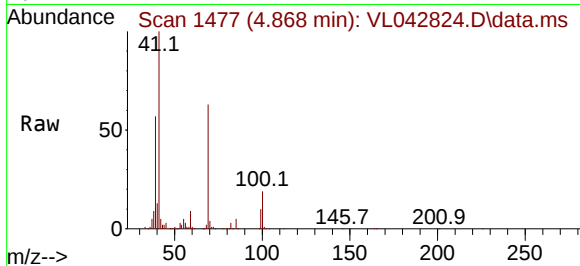




#43
Methyl Methacrylate
Concen: 10.456 ppbv
RT: 4.868 min Scan# 1479
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

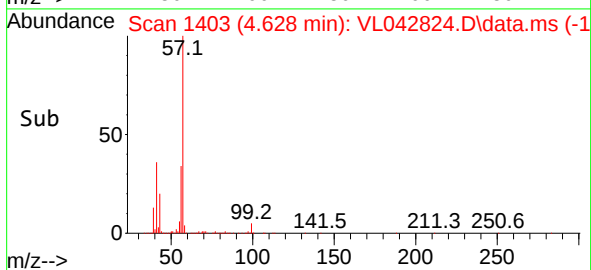
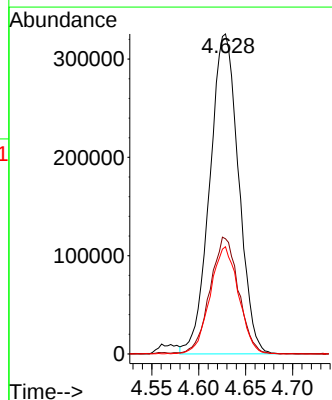
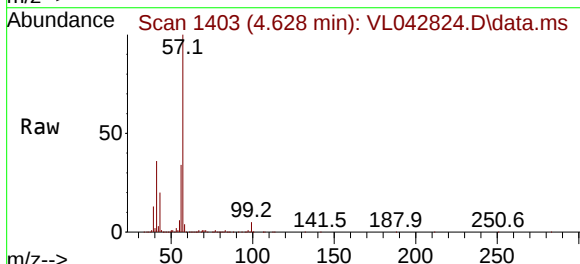
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

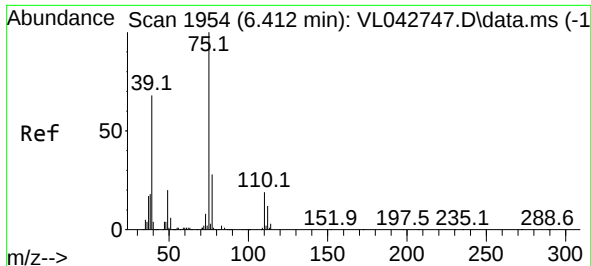
Tgt Ion: 69 Resp: 144407
Ion Ratio Lower Upper
69 100
41 158.7 125.7 188.5
100 34.1 28.6 42.8



#44
2,2,4-Trimethylpentane
Concen: 10.945 ppbv
RT: 4.628 min Scan# 1403
Delta R.T. -0.010 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 57 Resp: 693154
Ion Ratio Lower Upper
57 100
41 36.9 28.3 42.5
56 33.3 25.8 38.6





#45

t-1,3-Dichloropropene

Concen: 10.112 ppbv

RT: 6.399 min Scan# 1954

Delta R.T. -0.013 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_1

ClientSampleId :

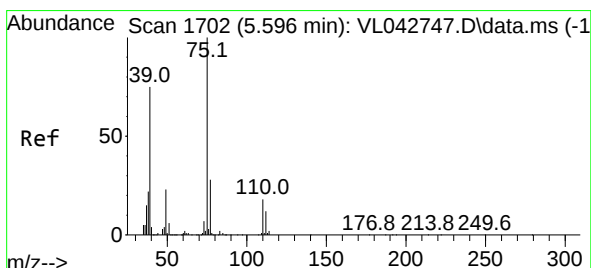
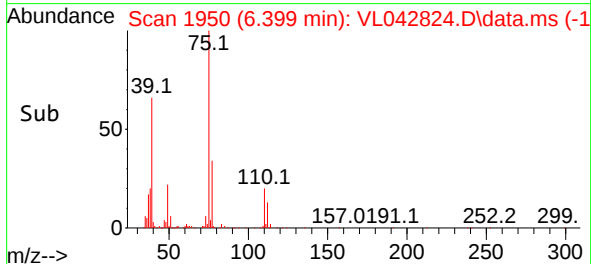
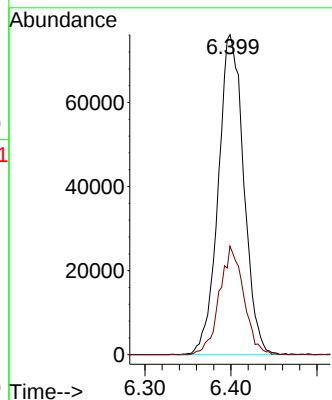
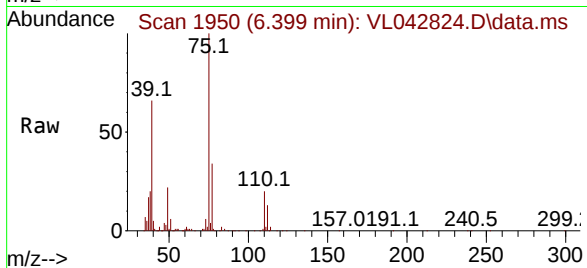
VSTDCCC010

Tgt Ion: 75 Resp: 156600

Ion Ratio Lower Upper

75 100

77 33.9 22.4 33.6#



#46

cis-1,3-Dichloropropene

Concen: 10.309 ppbv

RT: 5.587 min Scan# 1699

Delta R.T. -0.010 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

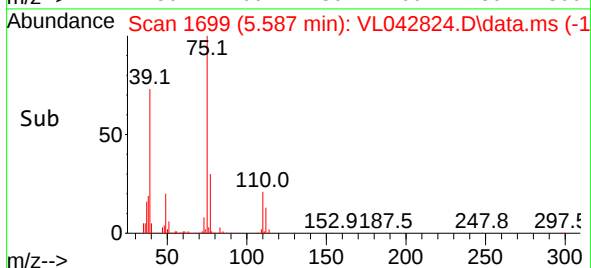
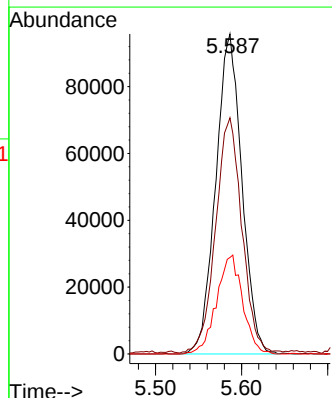
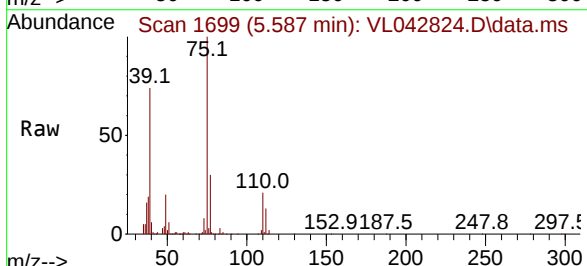
Tgt Ion: 75 Resp: 202323

Ion Ratio Lower Upper

75 100

39 73.5 60.2 90.2

77 30.1 22.6 34.0

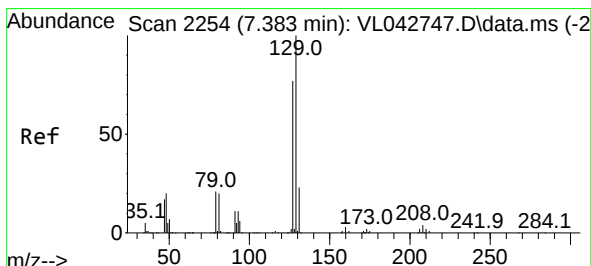
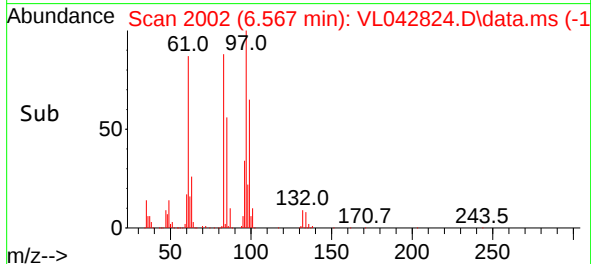
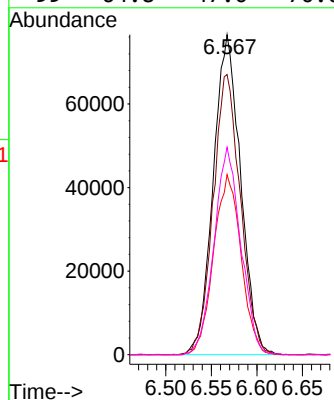
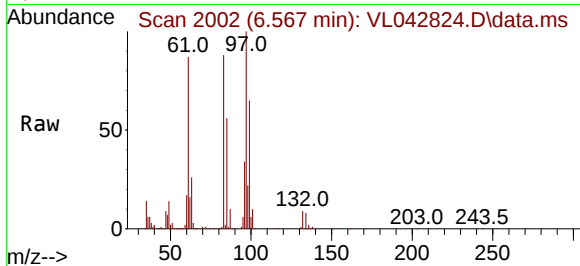




#47
 1,1,2-Trichloroethane
 Concen: 10.421 ppbv
 RT: 6.567 min Scan# 2006
 Delta R.T. -0.013 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

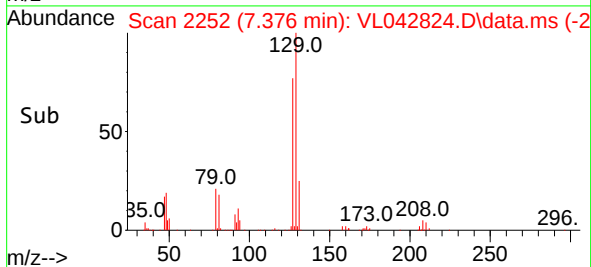
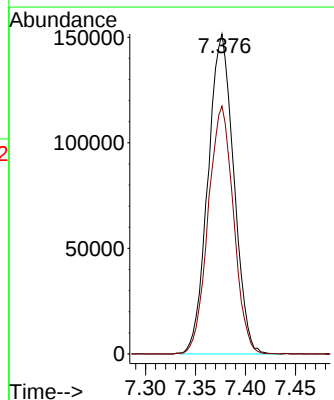
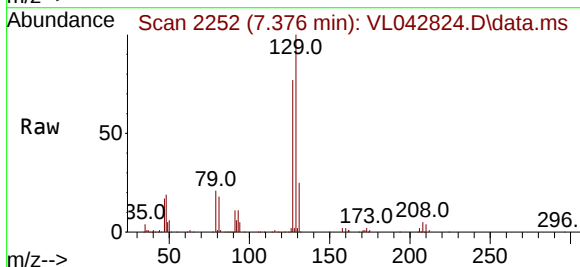
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

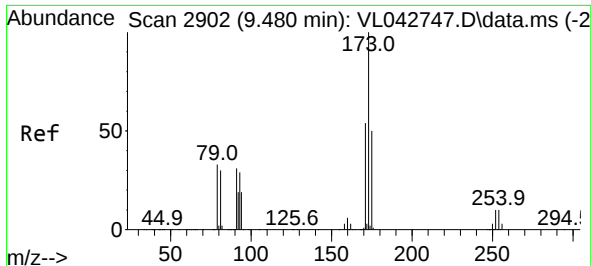
Tgt Ion: 97 Resp: 159326
 Ion Ratio Lower Upper
 97 100
 83 87.4 71.1 106.7
 85 56.2 43.0 64.4
 99 64.8 47.0 70.6



#48
 Dibromochloromethane
 Concen: 11.222 ppbv
 RT: 7.376 min Scan# 2252
 Delta R.T. -0.007 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

Tgt Ion: 129 Resp: 272360
 Ion Ratio Lower Upper
 129 100
 127 76.1 38.7 116.1

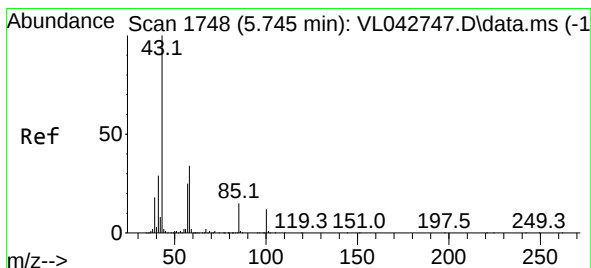
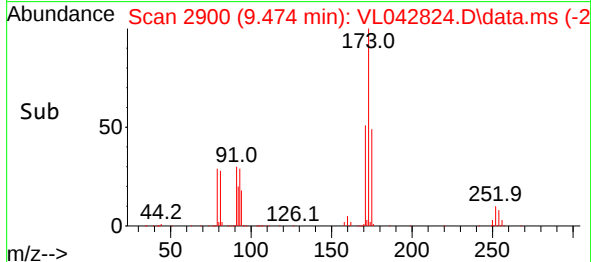
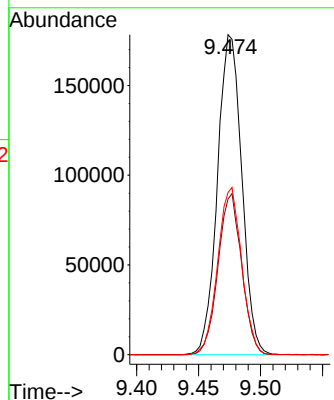
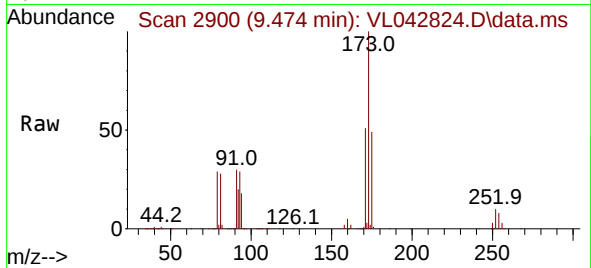




#49
Bromoform
Concen: 11.540 ppbv
RT: 9.474 min Scan# 2900
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

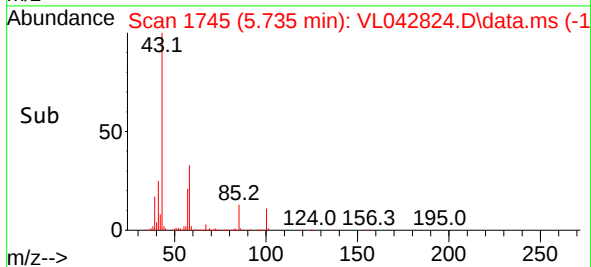
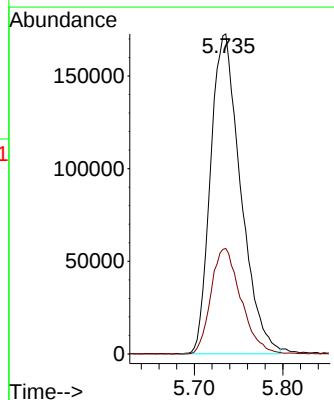
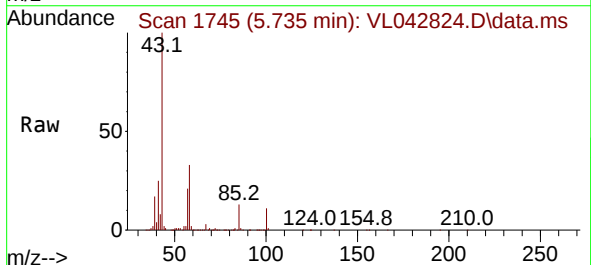
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

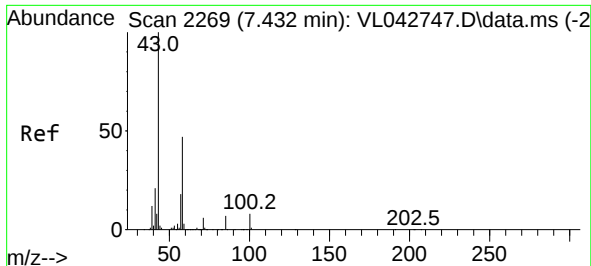
Tgt Ion:173 Resp: 244228
Ion Ratio Lower Upper
173 100
175 48.8 38.4 57.6
171 51.4 40.9 61.3



#50
4-Methyl-2-Pentanone
Concen: 10.899 ppbv
RT: 5.735 min Scan# 1745
Delta R.T. -0.010 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 43 Resp: 407716
Ion Ratio Lower Upper
43 100
58 33.0 27.8 41.8

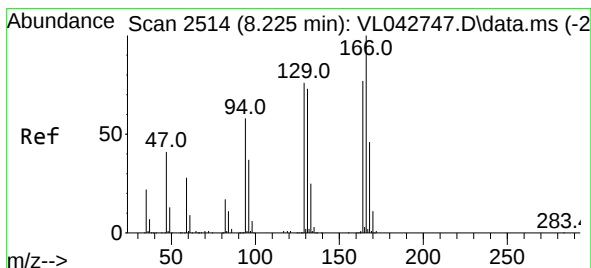
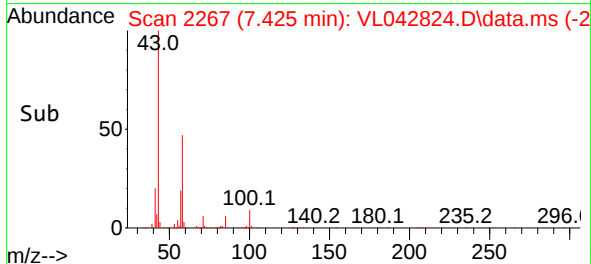
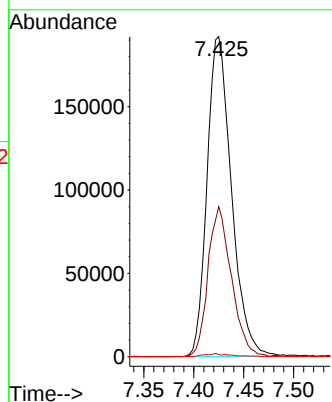
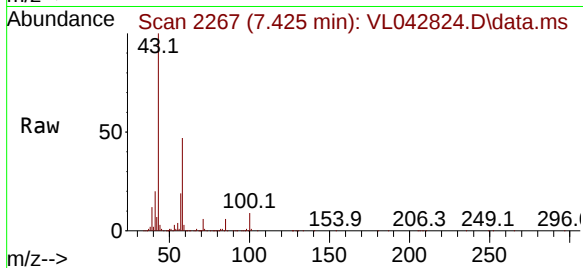




#51
2-Hexanone
Concen: 11.541 ppbv
RT: 7.425 min Scan# 2111
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

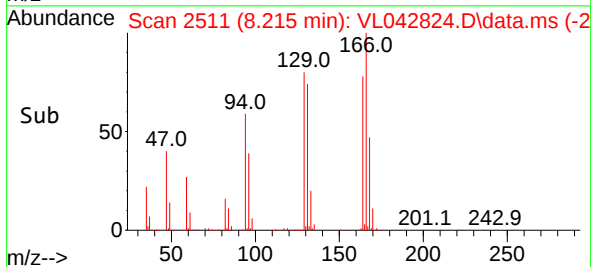
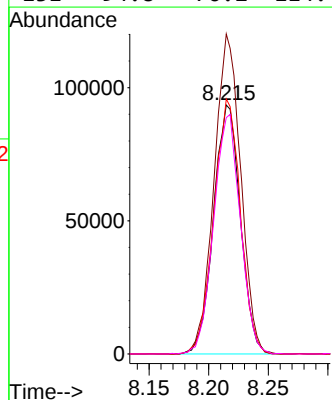
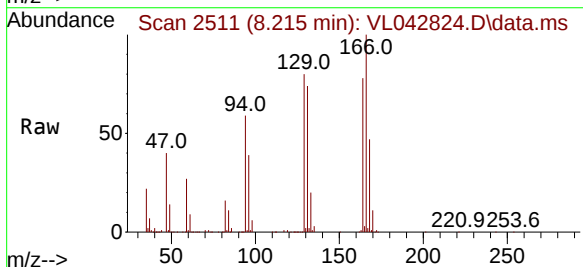
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

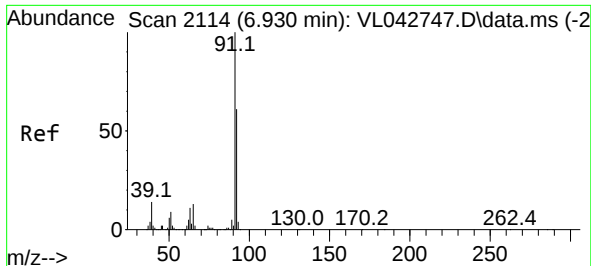
Tgt Ion: 43 Resp: 326255
Ion Ratio Lower Upper
43 100
58 45.0 38.0 57.0
98 1.1 0.2 0.4#



#52
Tetrachloroethene
Concen: 9.052 ppbv
RT: 8.215 min Scan# 2511
Delta R.T. -0.010 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 164 Resp: 145788
Ion Ratio Lower Upper
164 100
166 128.5 104.0 156.0
129 102.4 79.2 118.8
131 94.8 76.2 114.4





#53

Toluene

Concen: 0.683 ppbv

RT: 7.376 min Scan# 2114

Delta R.T. 0.446 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_L

ClientSampleId :

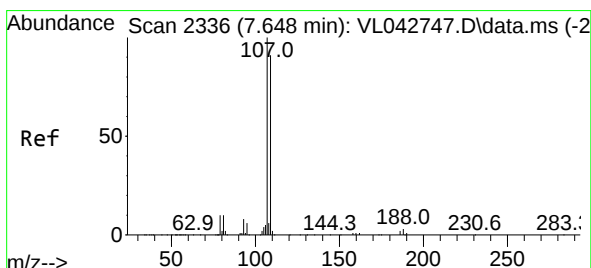
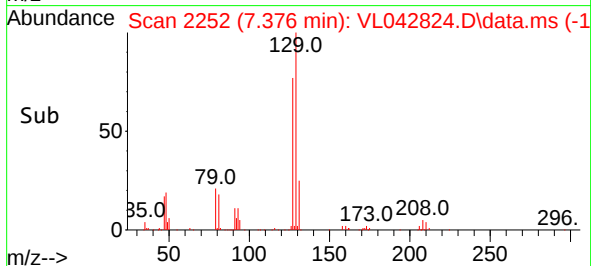
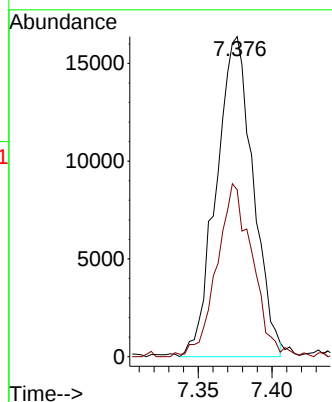
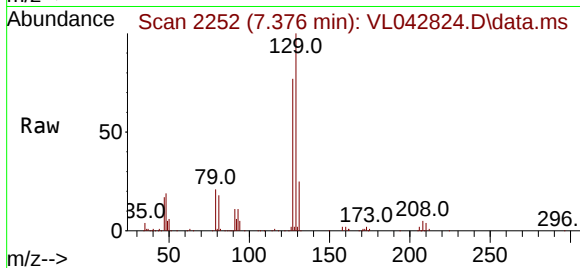
VSTDCCC010

Tgt Ion: 91 Resp: 28490

Ion Ratio Lower Upper

91 100

92 36.2 48.0 72.0#



#54

1,2-Dibromoethane

Concen: 10.808 ppbv

RT: 7.642 min Scan# 2334

Delta R.T. -0.007 min

Lab File: VL042824.D

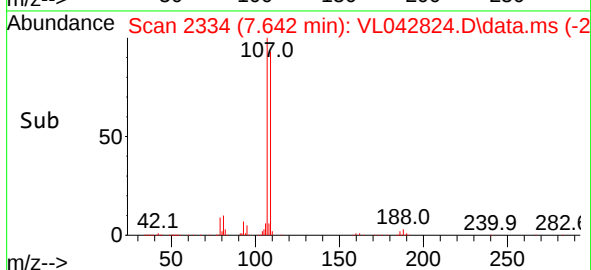
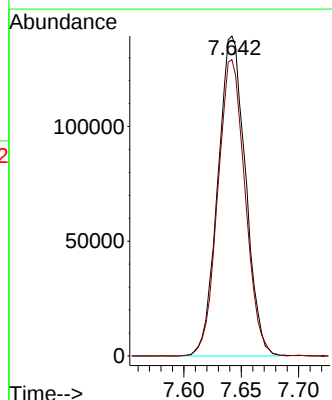
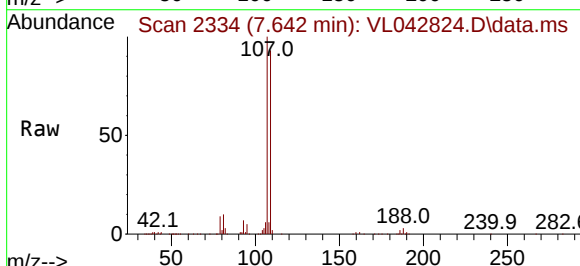
Acq: 07 Aug 2025 08:27

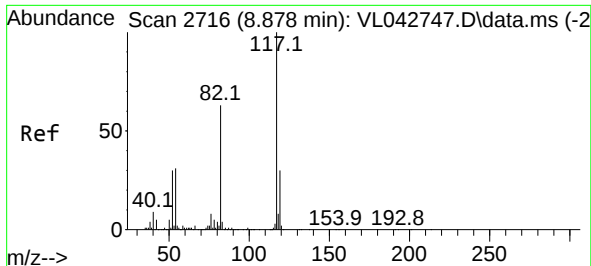
Tgt Ion: 107 Resp: 233457

Ion Ratio Lower Upper

107 100

109 92.5 72.7 109.1

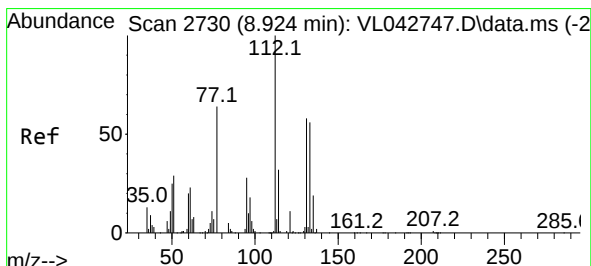
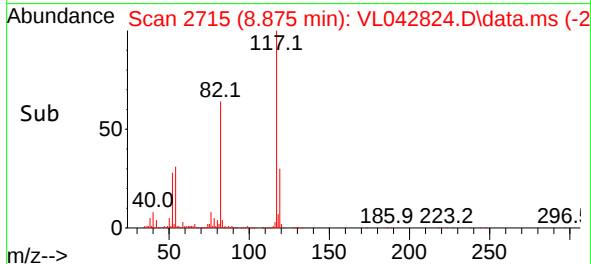
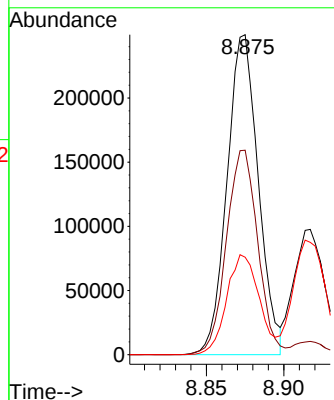
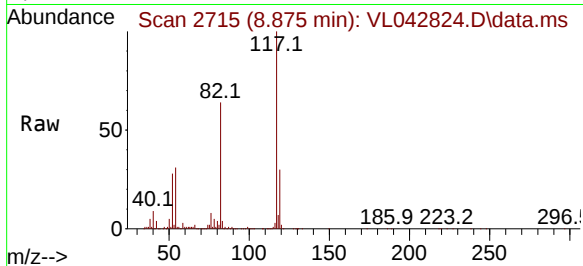




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

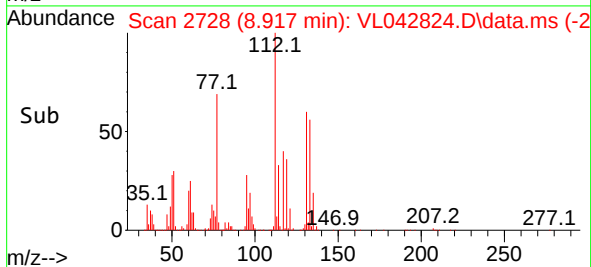
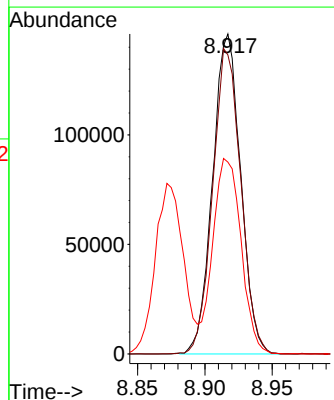
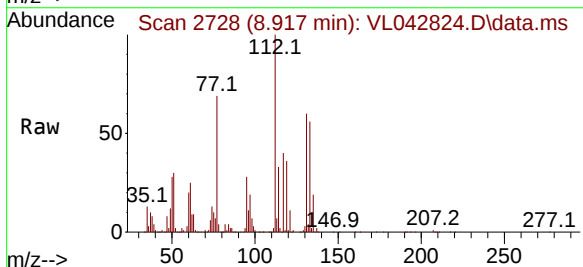
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

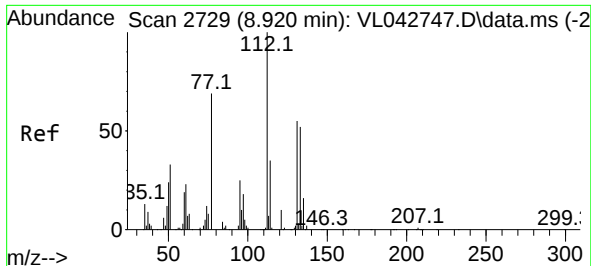
Tgt Ion:117 Resp: 350615
Ion Ratio Lower Upper
117 100
82 68.3 53.3 79.9
119 33.2 25.8 38.6



#56
1,1,1,2-Tetrachloroethane
Concen: 11.597 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion:131 Resp: 211408
Ion Ratio Lower Upper
131 100
133 95.7 76.8 115.2
119 60.6 49.7 74.5

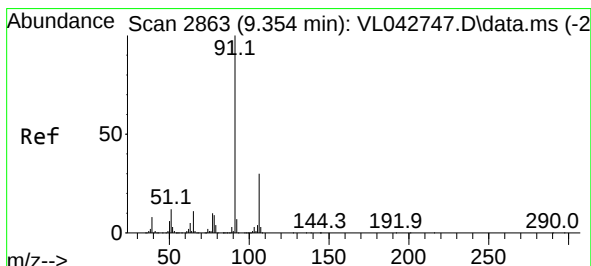
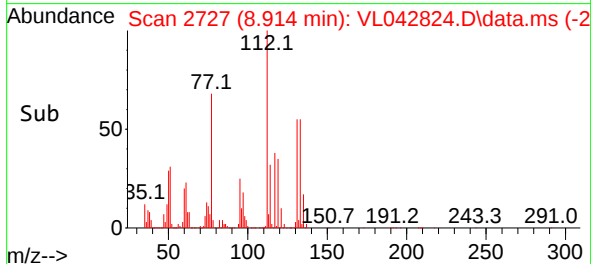
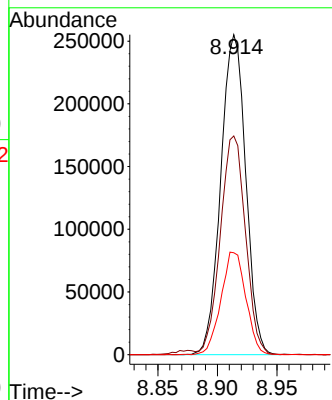
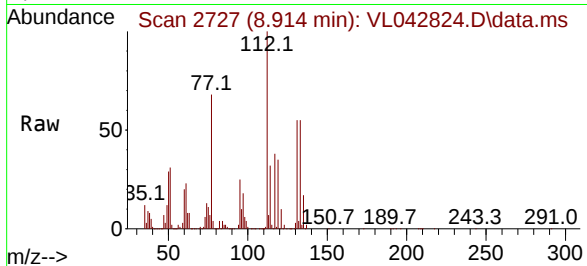




#57
Chlorobenzene
Concen: 10.947 ppbv
RT: 8.914 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

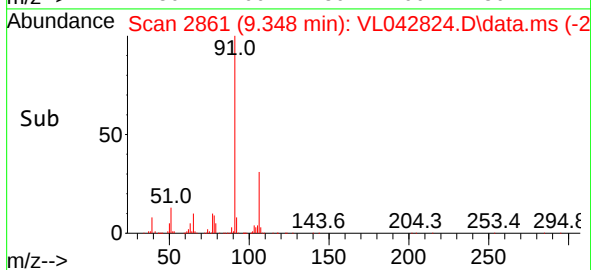
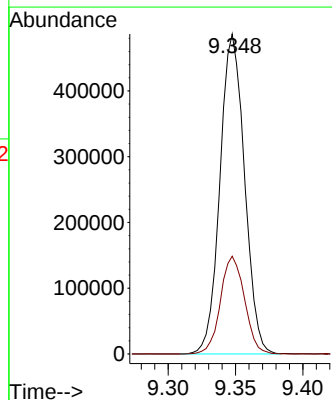
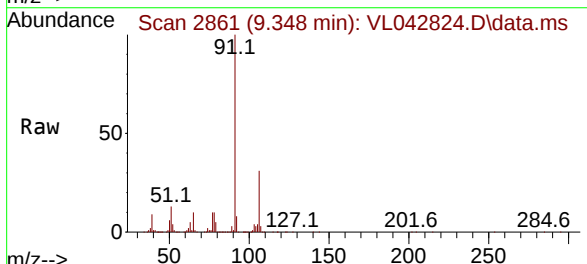
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

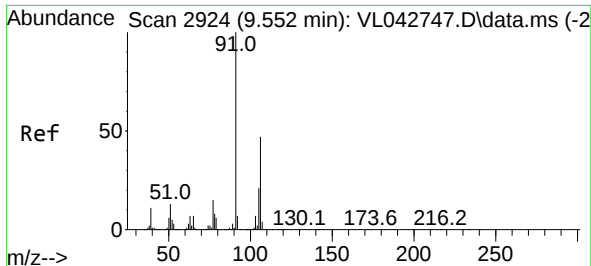
Tgt Ion:112 Resp: 371449
Ion Ratio Lower Upper
112 100
77 68.3 56.4 84.6
114 31.8 31.2 38.2



#58
Ethyl Benzene
Concen: 11.123 ppbv
RT: 9.348 min Scan# 2861
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 91 Resp: 615869
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6





#59

m/p-Xylene

Concen: 10.810 ppbv

RT: 9.542 min Scan# 29

Delta R.T. -0.010 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_L

ClientSampleId :

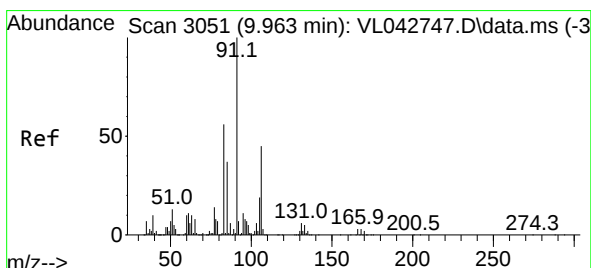
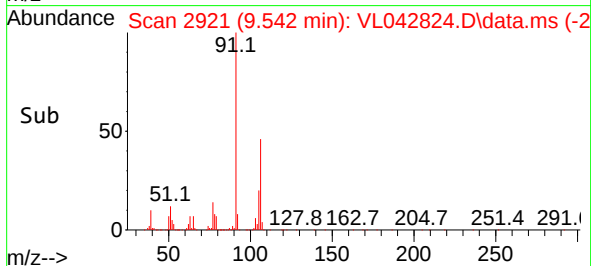
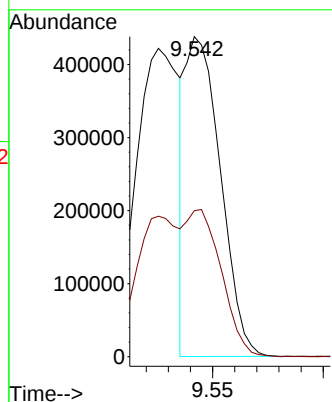
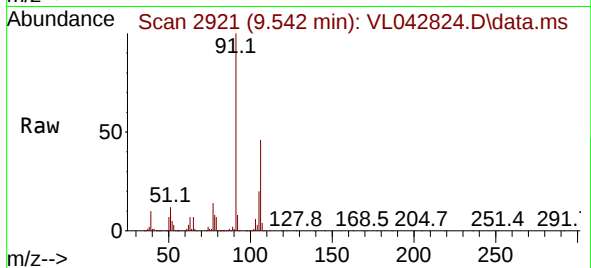
VSTDCCC010

Tgt Ion: 91 Resp: 478338

Ion Ratio Lower Upper

91 100

106 102.4 37.4 56.2#



#60

o-Xylene

Concen: 11.865 ppbv

RT: 9.956 min Scan# 3049

Delta R.T. -0.007 min

Lab File: VL042824.D

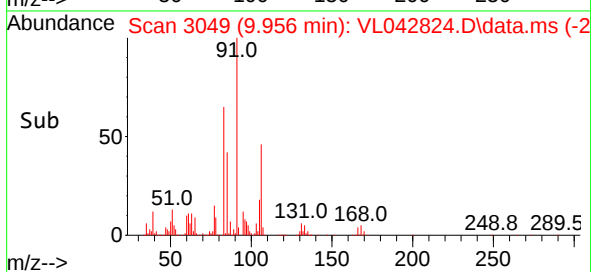
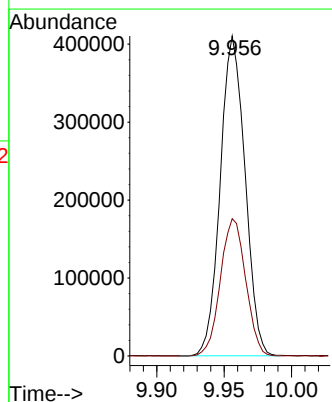
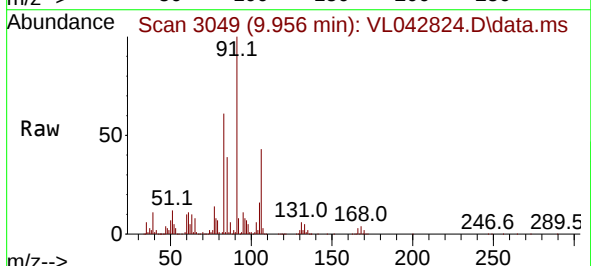
Acq: 07 Aug 2025 08:27

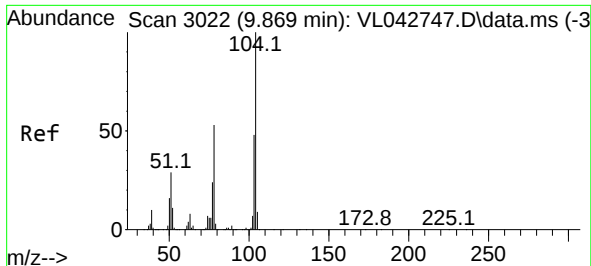
Tgt Ion: 91 Resp: 524632

Ion Ratio Lower Upper

91 100

106 43.8 22.0 66.0

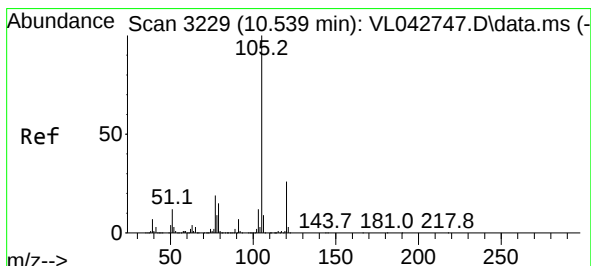
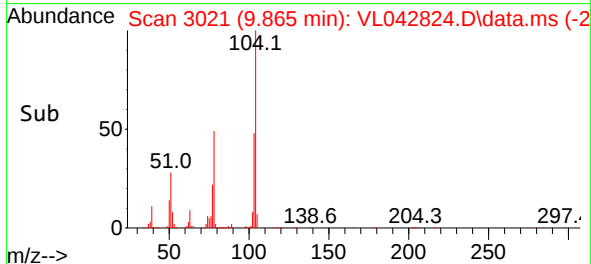
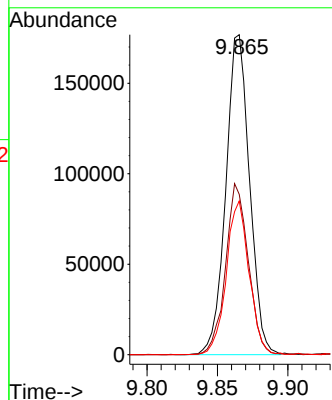
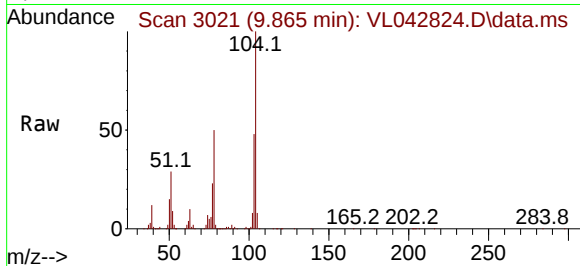




#61
Styrene
Concen: 11.168 ppbv
RT: 9.865 min Scan# 3022
Delta R.T. -0.003 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

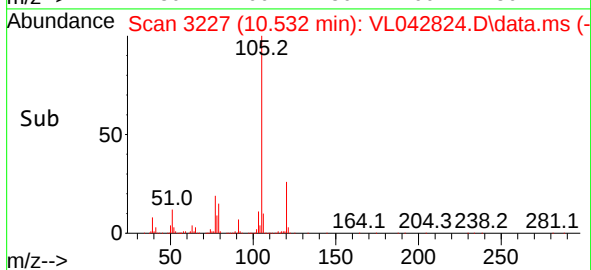
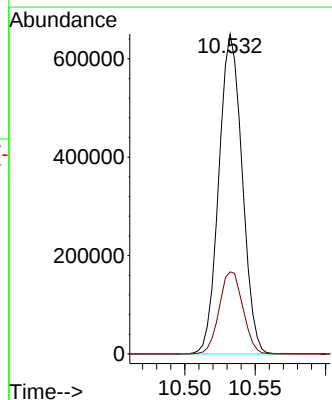
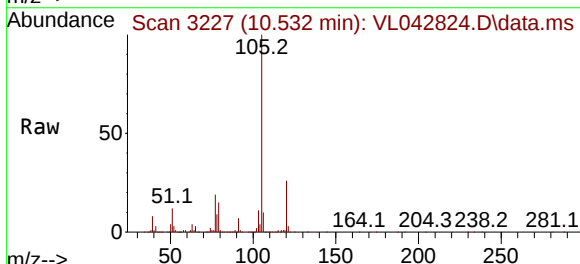
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

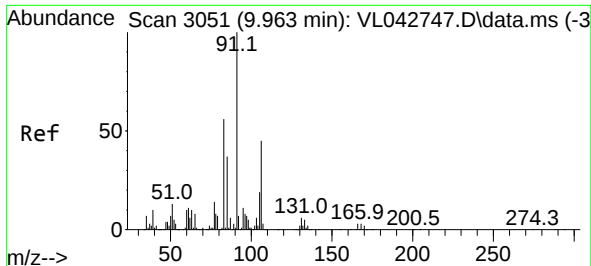
Tgt Ion:104 Resp: 207723
Ion Ratio Lower Upper
104 100
78 51.4 41.5 62.3
103 46.5 37.5 56.3



#62
Isopropylbenzene
Concen: 11.512 ppbv
RT: 10.532 min Scan# 3227
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion:105 Resp: 750824
Ion Ratio Lower Upper
105 100
120 26.1 20.5 30.7





#63

1,1,2-Tetrachloroethane

Concen: 11.235 ppbv

RT: 9.956 min Scan# 3051

Delta R.T. -0.007 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

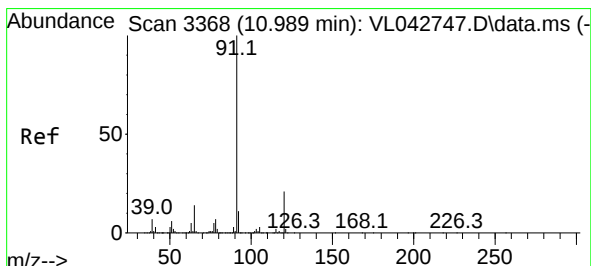
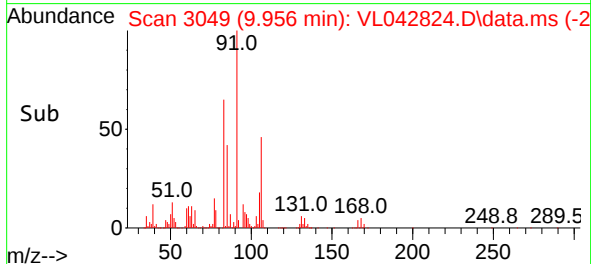
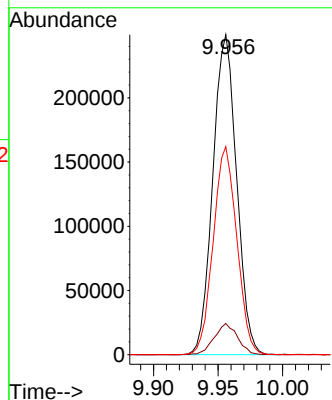
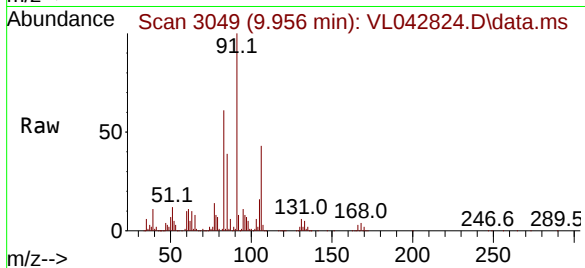
Tgt Ion: 83 Resp: 318926

Ion Ratio Lower Upper

83 100

131 9.6 5.0 15.0

85 64.7 32.6 97.7



#64

n-propylbenzene

Concen: 11.948 ppbv

RT: 10.982 min Scan# 3366

Delta R.T. -0.007 min

Lab File: VL042824.D

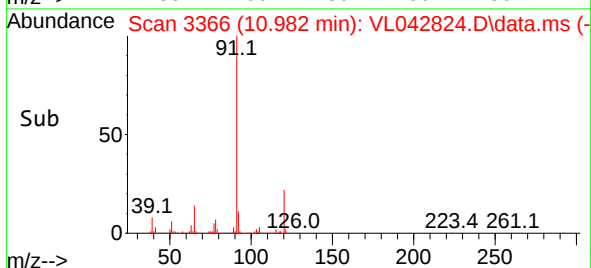
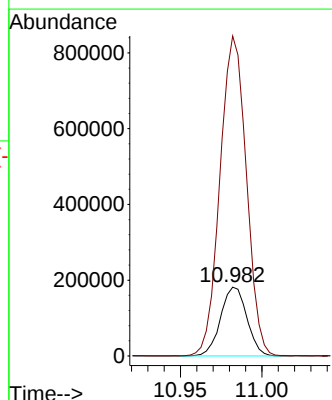
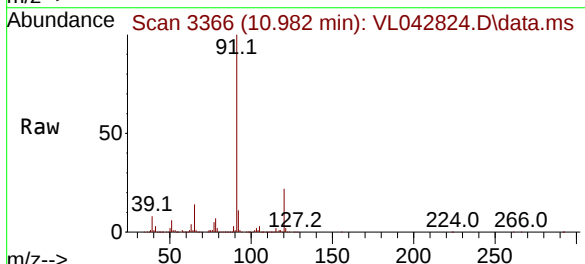
Acq: 07 Aug 2025 08:27

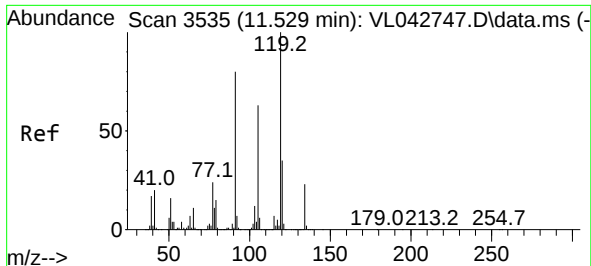
Tgt Ion: 120 Resp: 203161

Ion Ratio Lower Upper

120 100

91 468.9 372.7 559.1

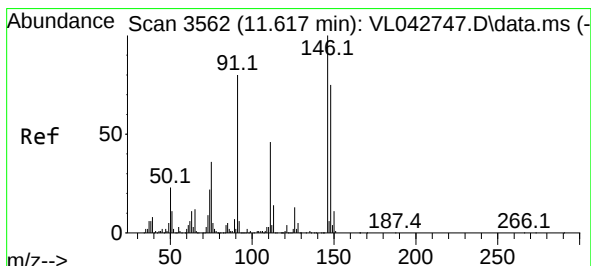
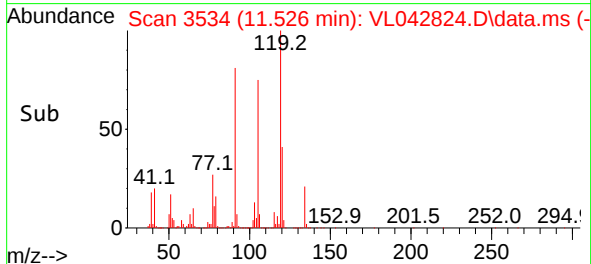
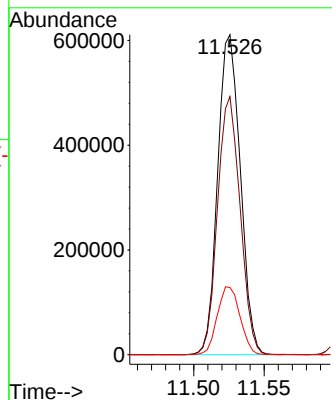
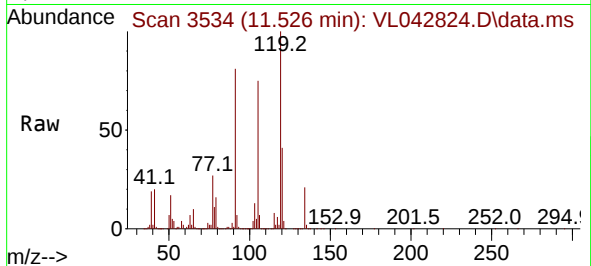




#65
tert-Butylbenzene
Concen: 11.829 ppbv
RT: 11.526 min Scan# 3534
Delta R.T. -0.003 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

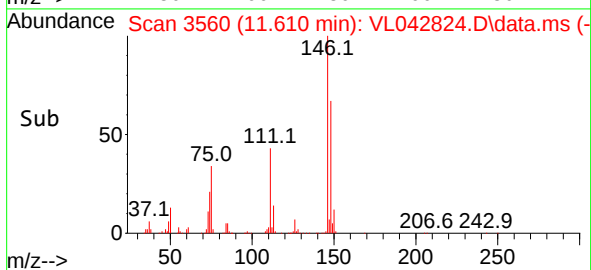
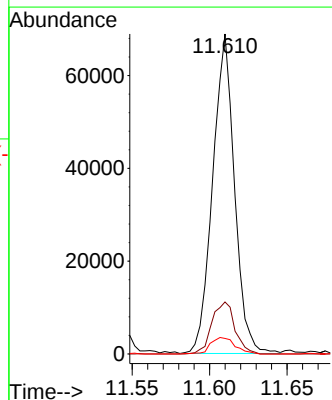
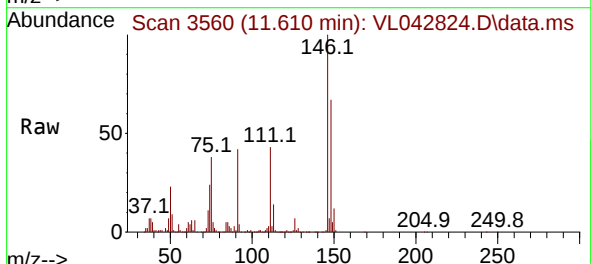
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

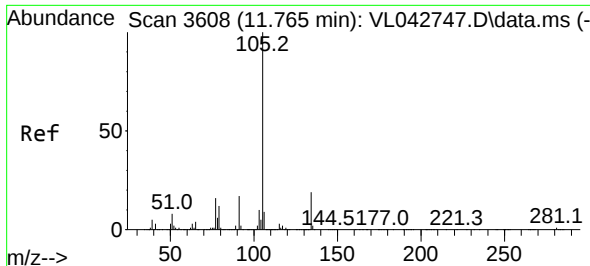
Tgt Ion:119 Resp: 685288
Ion Ratio Lower Upper
119 100
91 80.5 64.0 96.0
134 21.3 17.3 25.9



#66
Benzyl Chloride
Concen: 14.199 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 91 Resp: 67529
Ion Ratio Lower Upper
91 100
126 17.1 14.4 21.6
128 5.8 5.2 7.8

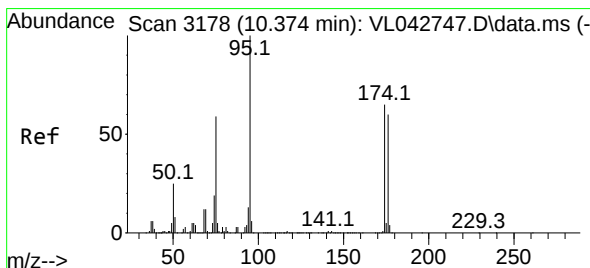
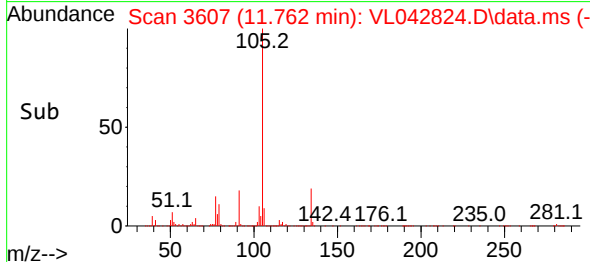
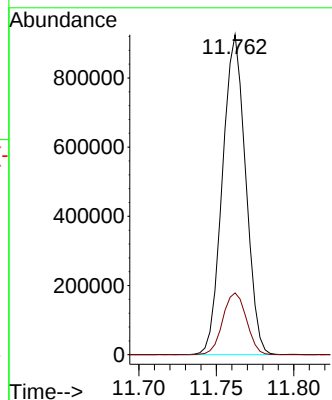
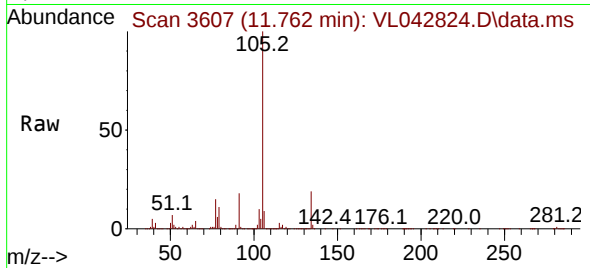




#67
 sec-Butylbenzene
 Concen: 11.692 ppbv
 RT: 11.762 min Scan# 3607
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

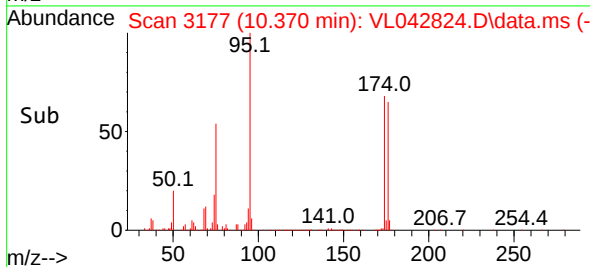
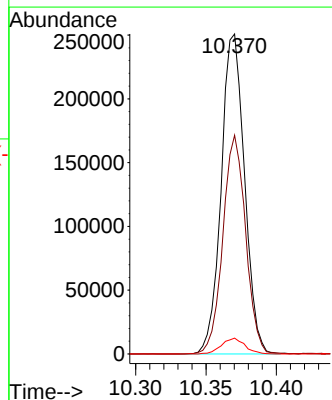
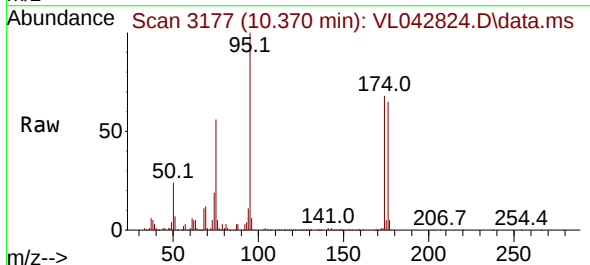
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

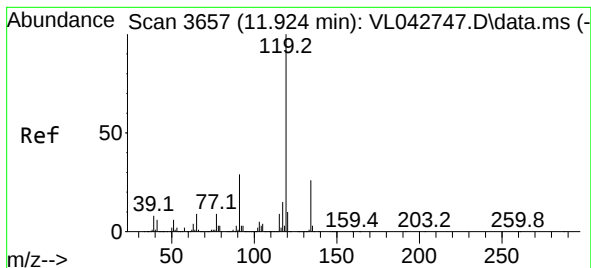
Tgt Ion:105 Resp: 963413
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.433 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

Tgt Ion: 95 Resp: 289682
 Ion Ratio Lower Upper
 95 100
 174 66.9 53.8 80.6
 175 5.0 4.0 6.0

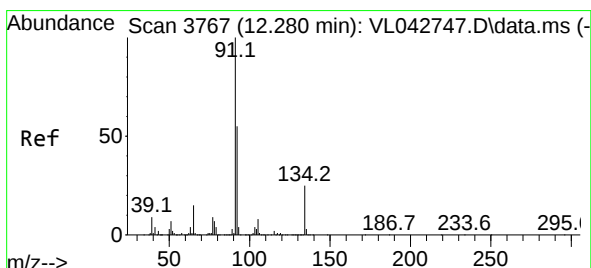
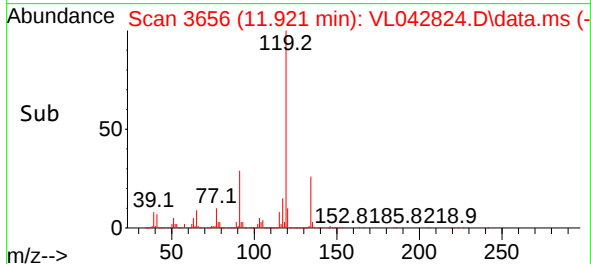
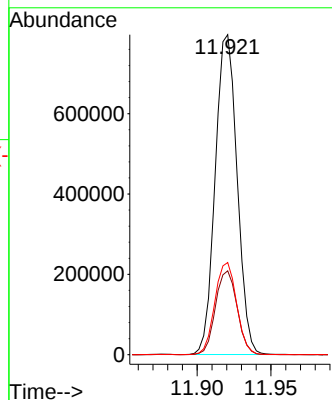
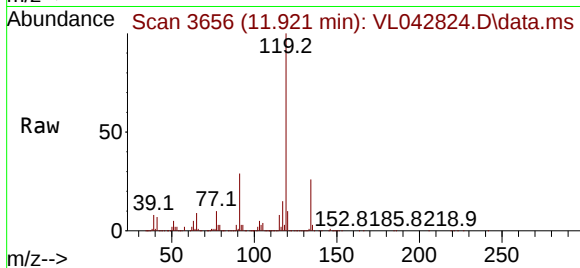




#69
 p-Isopropyltoluene
 Concen: 12.243 ppbv
 RT: 11.921 min Scan# 3656
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

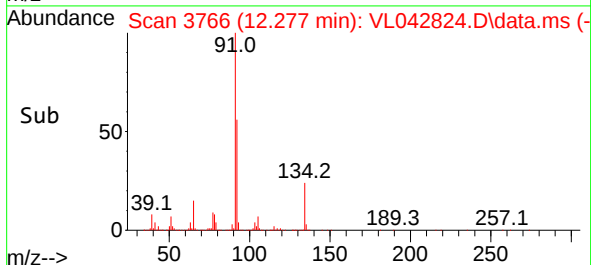
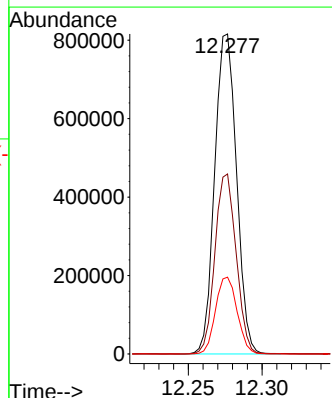
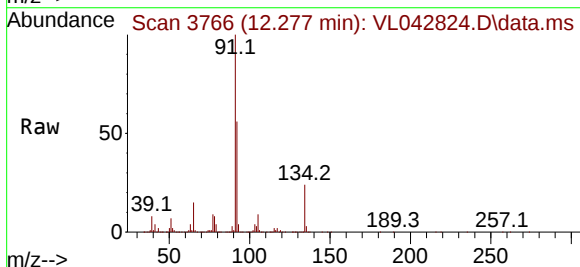
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

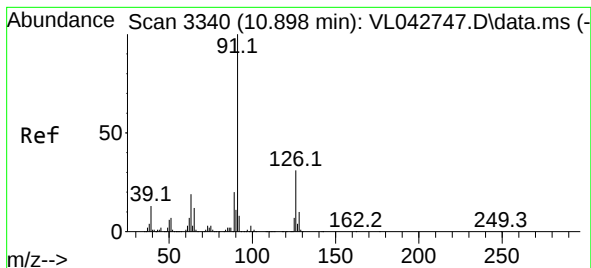
Tgt Ion:119 Resp: 822590
 Ion Ratio Lower Upper
 119 100
 134 26.0 20.6 31.0
 91 28.8 23.2 34.8



#70
 n-Butylbenzene
 Concen: 12.960 ppbv
 RT: 12.277 min Scan# 3766
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

Tgt Ion: 91 Resp: 841132
 Ion Ratio Lower Upper
 91 100
 92 54.8 43.4 65.2
 134 23.7 19.6 29.4

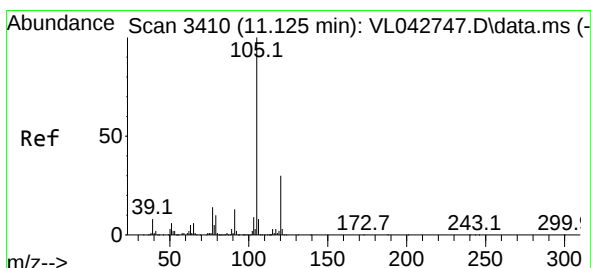
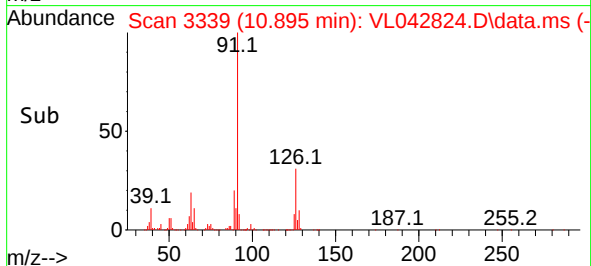
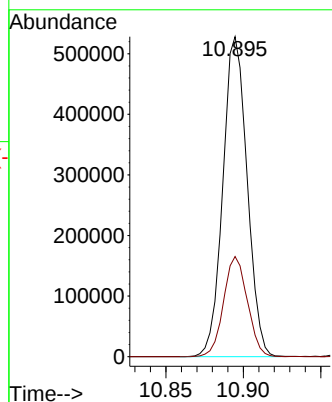
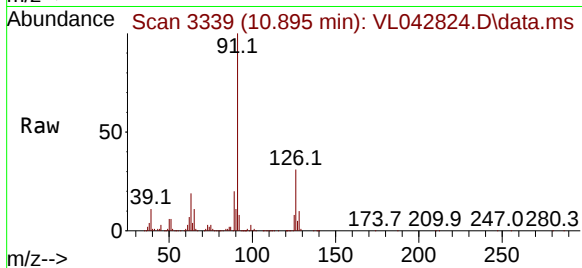




#71
2-Chlorotoluene
Concen: 11.510 ppbv
RT: 10.895 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

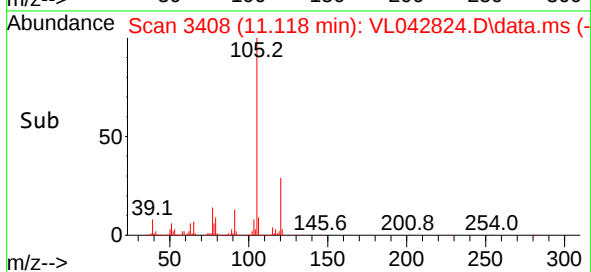
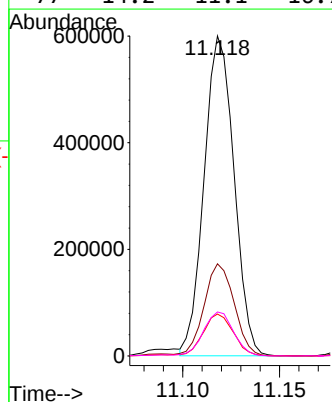
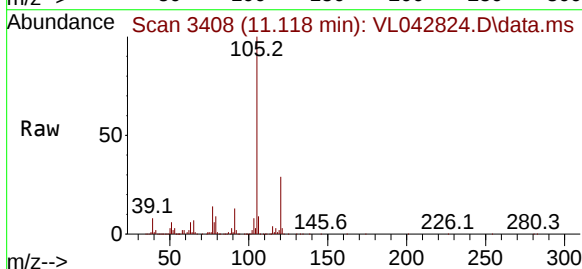
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

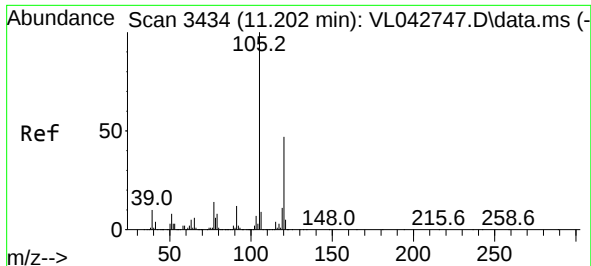
Tgt Ion: 91 Resp: 575639
Ion Ratio Lower Upper
91 100
126 30.7 12.0 48.2



#72
4-Ethyltoluene
Concen: 12.202 ppbv
RT: 11.118 min Scan# 3408
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion: 105 Resp: 644350
Ion Ratio Lower Upper
105 100
120 29.6 24.4 36.6
91 13.7 10.6 15.8
77 14.2 11.1 16.7

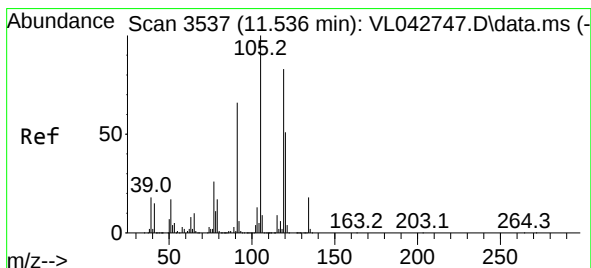
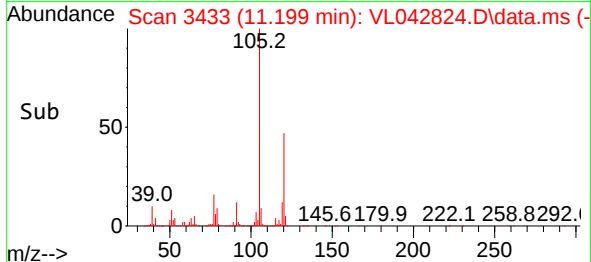
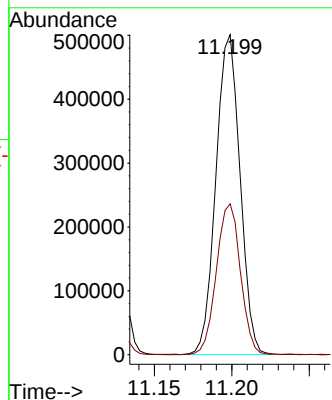
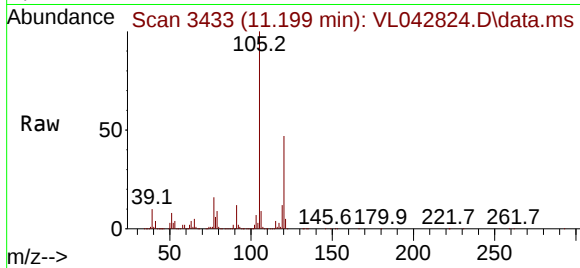




#73
 1,3,5-Trimethylbenzene
 Concen: 12.462 ppbv
 RT: 11.199 min Scan# 3433
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

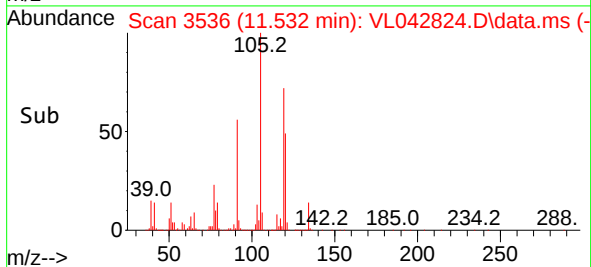
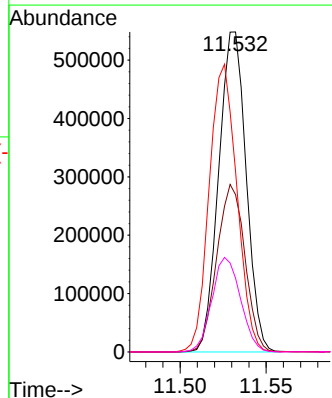
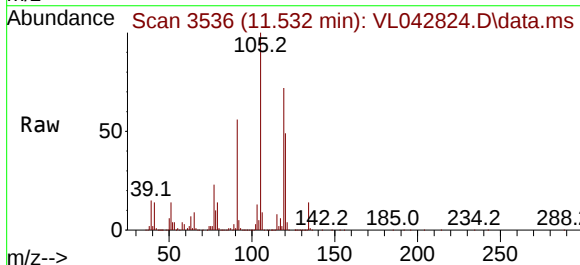
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

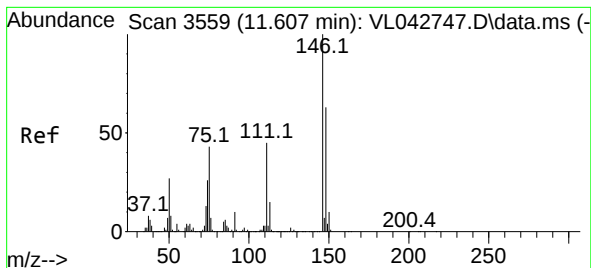
Tgt Ion:105 Resp: 541834
 Ion Ratio Lower Upper
 105 100
 120 47.2 37.8 56.8



#74
 1,2,4-Trimethylbenzene
 Concen: 12.834 ppbv
 RT: 11.532 min Scan# 3536
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

Tgt Ion:105 Resp: 608776
 Ion Ratio Lower Upper
 105 100
 120 49.1 40.8 61.2
 91 56.3 53.0 79.4
 77 23.0 20.5 30.7





#75

1,3-Dichlorobenzene

Concen: 11.624 ppbv

RT: 11.600 min Scan# 3559

Delta R.T. -0.007 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

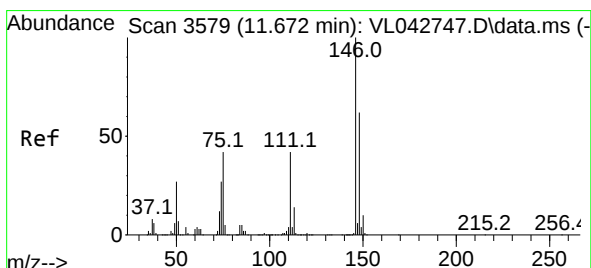
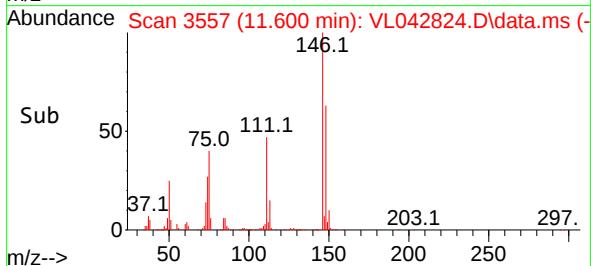
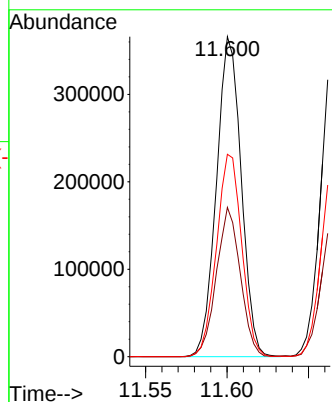
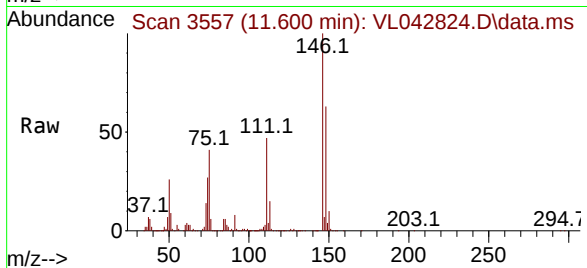
Tgt Ion:146 Resp: 386529

Ion Ratio Lower Upper

146 100

111 45.1 22.7 68.0

148 64.4 31.9 95.5



#76

1,4-Dichlorobenzene

Concen: 12.030 ppbv

RT: 11.665 min Scan# 3577

Delta R.T. -0.007 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

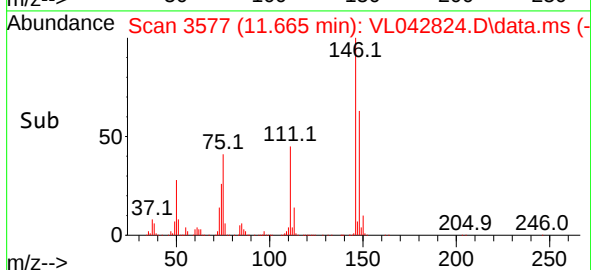
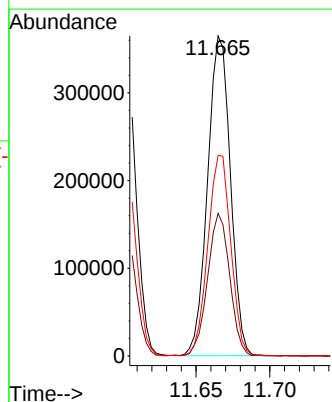
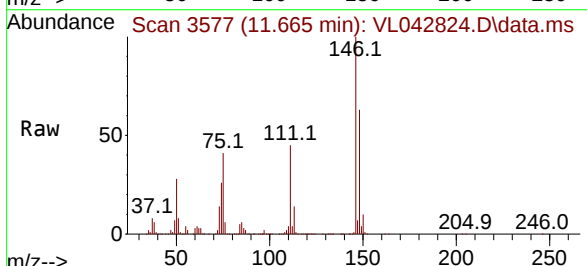
Tgt Ion:146 Resp: 391456

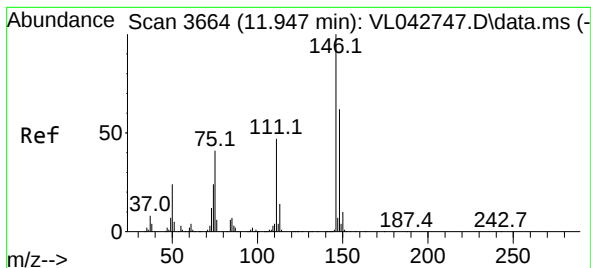
Ion Ratio Lower Upper

146 100

111 43.3 21.4 64.2

148 63.3 32.1 96.3





#77

1,2-Dichlorobenzene

Concen: 11.653 ppbv

RT: 11.940 min Scan# 3

Delta R.T. -0.007 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

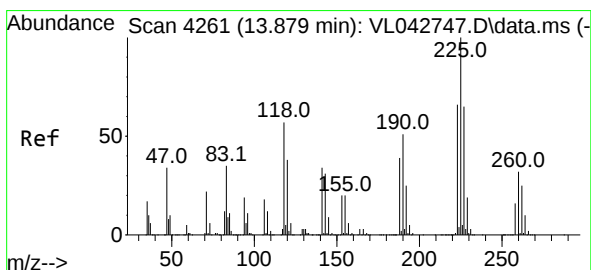
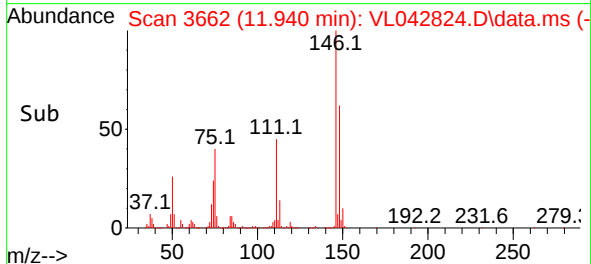
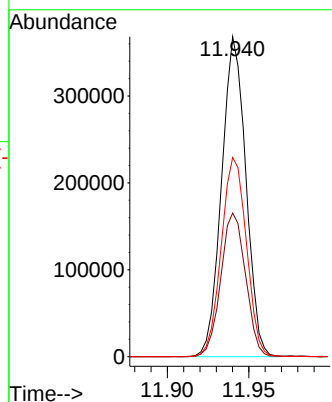
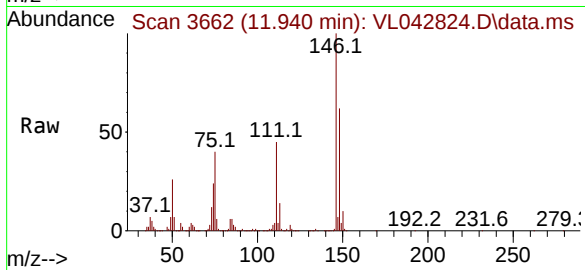
Tgt Ion:146 Resp: 380829

Ion Ratio Lower Upper

146 100

111 45.9 23.7 71.1

148 64.6 32.6 97.7



#78

Hexachloro-1,3-Butadiene

Concen: 10.231 ppbv

RT: 13.876 min Scan# 4260

Delta R.T. -0.003 min

Lab File: VL042824.D

Acq: 07 Aug 2025 08:27

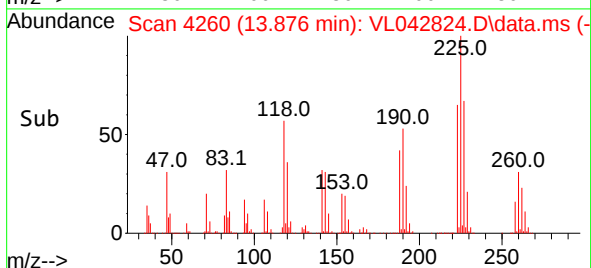
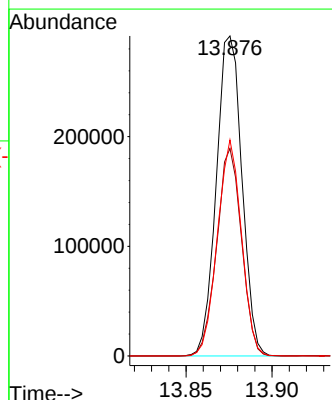
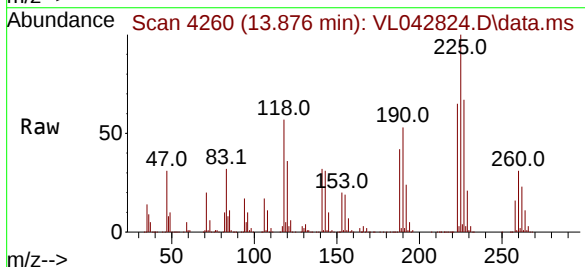
Tgt Ion:225 Resp: 302640

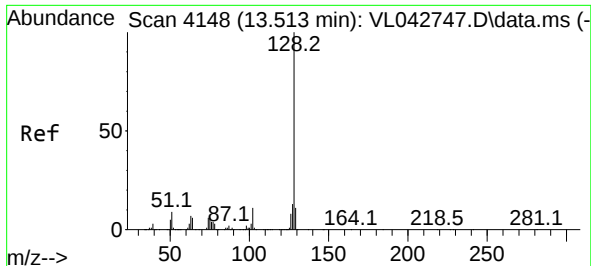
Ion Ratio Lower Upper

225 100

223 62.6 50.7 76.1

227 63.4 50.5 75.7

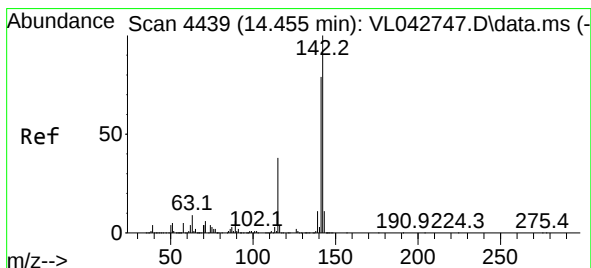
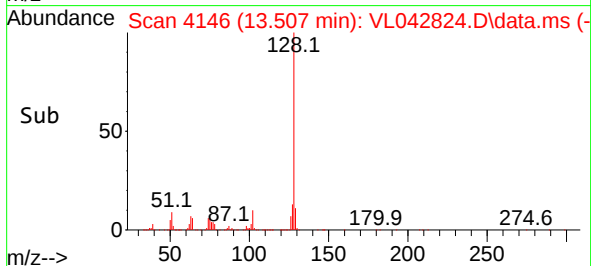
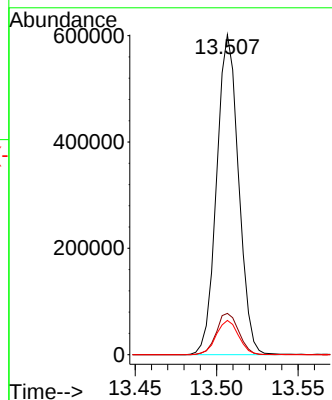
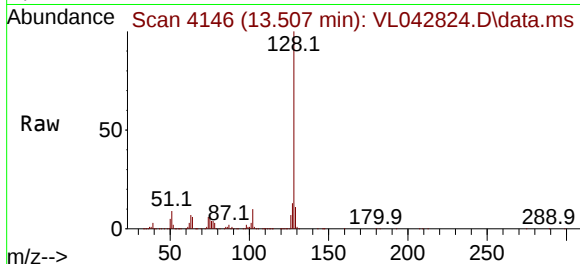




#79
Naphthalene
Concen: 10.903 ppbv
RT: 13.507 min Scan# 4146
Delta R.T. -0.007 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

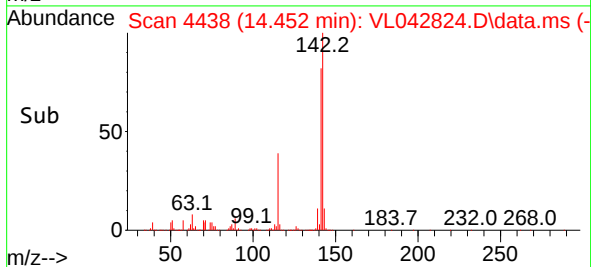
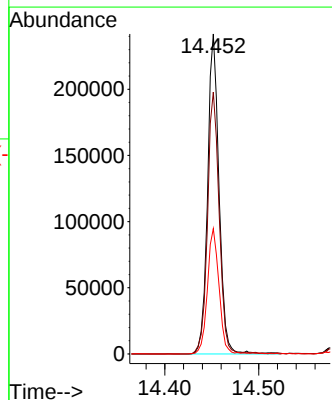
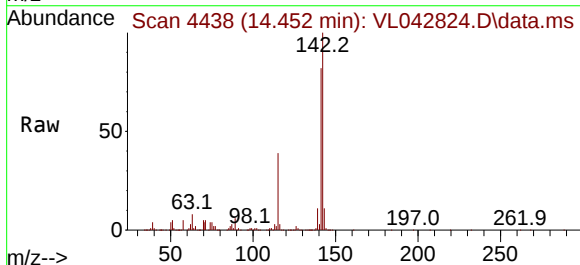
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

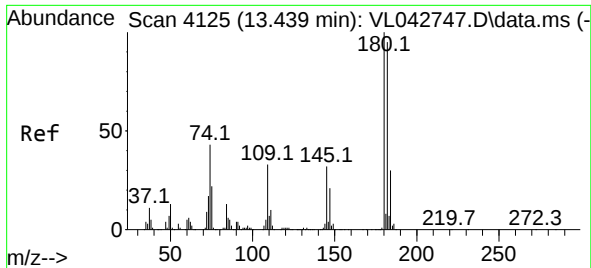
Tgt Ion:128 Resp: 563249
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.7 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 8.150 ppbv
RT: 14.452 min Scan# 4438
Delta R.T. -0.003 min
Lab File: VL042824.D
Acq: 07 Aug 2025 08:27

Tgt Ion:142 Resp: 203706
Ion Ratio Lower Upper
142 100
141 84.5 65.8 98.8
115 40.2 31.2 46.8





#81
 1,2,4-Trichlorobenzene
 Concen: 10.802 ppbv
 RT: 13.435 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042824.D
 Acq: 07 Aug 2025 08:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 313518
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.2 114.2
 184 30.9 24.8 37.2

