

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072925\
 Data File : VL042773.D
 Acq On : 29 Jul 2025 08:28
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Jul 30 01:05:29 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	2.787	49	145476	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	401016	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	363840	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 291247 10.108 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	181155	9.418	ppbv	98
3) Chlorodifluoromethane	1.476	51	251592	10.041	ppbv	99
4) Chloromethane	1.534	50	73723	9.474	ppbv	98
5) Vinyl Chloride	1.580	62	65522	8.522	ppbv	96
6) Bromomethane	1.667	94	27694	9.318	ppbv	94
7) Chloroethane	1.706	64	27329	9.200	ppbv	93
8) Dichlorotetrafluoroethane	1.554	85	150558	9.518	ppbv	99
9) Propene	1.482	41	88480	9.716	ppbv	96
10) Heptane	4.984	43	251985	10.262	ppbv	98
11) Trichlorofluoromethane	1.877	101	183526	9.256	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.139	101	140976	9.357	ppbv	98
13) Ethanol	1.722	45	8199	11.213	ppbv	92
14) Bromoethene	1.783	108	51955	9.739	ppbv	96
15) Acetone	1.835	43	156397	7.786	ppbv	99
16) 1,3-Butadiene	1.609	39	76605	8.940	ppbv	100
17) tert-Butyl alcohol	2.039	59	168866	9.321	ppbv	99
18) 1,1-Dichloroethene	2.036	96	61443	9.025	ppbv	95
19) Isopropyl Alcohol	1.887	45	97689	9.151	ppbv	97
20) Methylene Chloride	2.062	84	54464	8.604	ppbv	97
21) Allyl Chloride	2.097	41	120881	9.764	ppbv	97
22) trans-1,2-Dichloroethene	2.340	96	69760	9.526	ppbv	97
23) Vinyl Acetate	2.463	43	281244	11.548	ppbv	98
24) 1,1-Dichloroethane	2.408	63	140141	9.323	ppbv	98
25) Ethyl Acetate	2.835	43	451618	10.157	ppbv	99
26) Hexane	2.826	57	194029	9.947	ppbv	98
27) Carbon Disulfide	2.152	76	174164	10.430	ppbv #	92
28) Methyl tert-Butyl Ether	2.441	73	103653	11.249	ppbv	97
29) Chloroform	2.848	83	303505	10.070	ppbv	98
30) Cyclohexane	3.858	84	161614	9.770	ppbv	96
31) cis-1,2-Dichloroethene	2.722	61	196176	9.787	ppbv	96
32) 1,1,1-Trichloroethane	3.369	97	301986	9.619	ppbv	99
34) 2-Butanone	2.557	43	298973	10.525	ppbv	100
35) Carbon Tetrachloride	3.768	117	315663	10.597	ppbv	96
36) Benzene	3.657	78	394734	10.386	ppbv	99
37) 1,2-Dichloroethane	3.217	62	238496	10.417	ppbv	100
38) Trichloroethene	4.554	130	176737	9.680	ppbv	95
39) 1,2-Dichloropropane	4.315	63	142961	10.190	ppbv	95
40) 1,4-Dioxane	4.583	88	63605	9.727	ppbv #	93
41) Tetrahydrofuran	3.055	42	157177	10.874	ppbv	98
42) Bromodichloromethane	4.493	83	327576	10.986	ppbv	98
43) Methyl Methacrylate	4.881	69	151353	11.204	ppbv	99
44) 2,2,4-Trimethylpentane	4.645	57	665750	10.747	ppbv	99
45) t-1,3-Dichloropropene	6.415	75	171240	11.304	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072925\
 Data File : VL042773.D
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 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jul 30 01:05:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

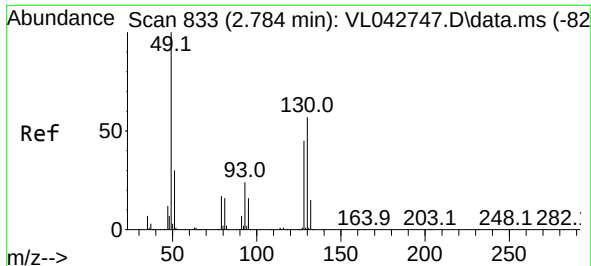
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	211694	11.028	ppbv	95
47) 1,1,2-Trichloroethane	6.580	97	151959	10.161	ppbv	98
48) Dibromochloromethane	7.389	129	269997	11.373	ppbv	100
49) Bromoform	9.487	173	236181	11.409	ppbv	99
50) 4-Methyl-2-Pentanone	5.755	43	396599	10.839	ppbv	99
51) 2-Hexanone	7.441	43	322404	11.660	ppbv #	99
52) Tetrachloroethene	8.228	164	148349	9.417	ppbv	96
53) Toluene	6.936	91	437014	10.708	ppbv	100
54) 1,2-Dibromoethane	7.655	107	227138	10.750	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.930	131	199954	10.570	ppbv	99
57) Chlorobenzene	8.927	112	356427	10.122	ppbv	99
58) Ethyl Benzene	9.357	91	613946	10.685	ppbv	97
59) m/p-Xylene	9.555	91	497089	10.825	ppbv #	30
60) o-Xylene	9.969	91	501341	10.926	ppbv	99
61) Styrene	9.875	104	212719	11.021	ppbv	98
62) Isopropylbenzene	10.542	105	730477	10.793	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	294522	9.998	ppbv	100
64) n-propylbenzene	10.992	120	196430	11.132	ppbv	98
65) tert-Butylbenzene	11.532	119	653373	10.868	ppbv	99
66) Benzyl Chloride	11.616	91	63028	12.771	ppbv	99
67) sec-Butylbenzene	11.768	105	917197	10.727	ppbv	100
69) p-Isopropyltoluene	11.927	119	784325	11.249	ppbv	100
70) n-Butylbenzene	12.283	91	803938	11.937	ppbv	100
71) 2-Chlorotoluene	10.904	91	558173	10.755	ppbv	99
72) 4-Ethyltoluene	11.128	105	625088	11.407	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	519009	11.504	ppbv	97
74) 1,2,4-Trimethylbenzene	11.539	105	573490	11.651	ppbv	98
75) 1,3-Dichlorobenzene	11.610	146	371336	10.761	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	367182	10.874	ppbv	100
77) 1,2-Dichlorobenzene	11.950	146	355188	10.473	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	292858	9.540	ppbv	100
79) Naphthalene	13.513	128	570905	10.659	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	257656	9.687	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	323672	10.749	ppbv	99

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

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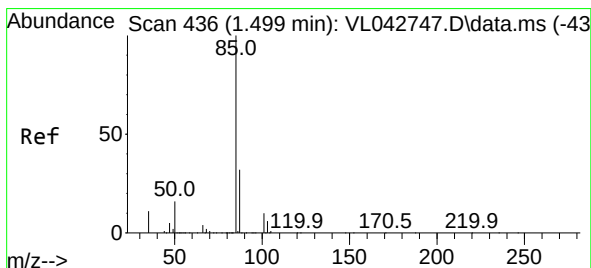
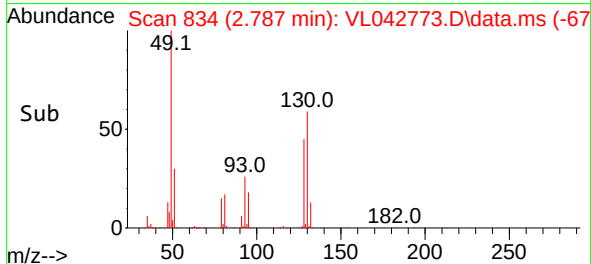
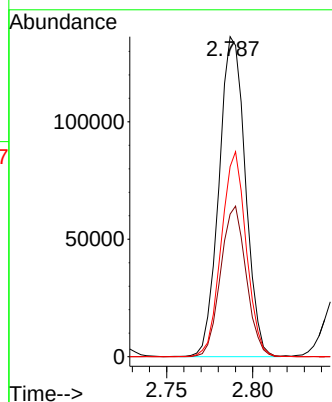
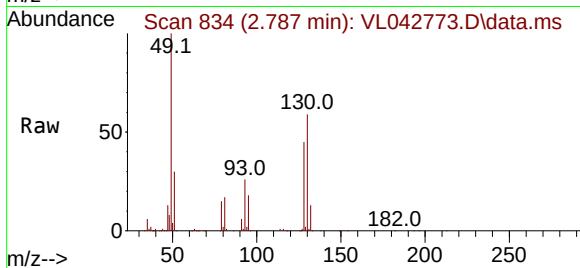




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.787 min Scan# 834
 Delta R.T. 0.003 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

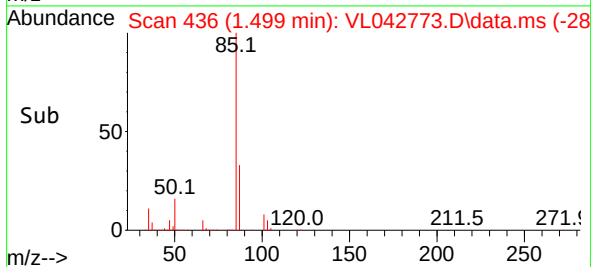
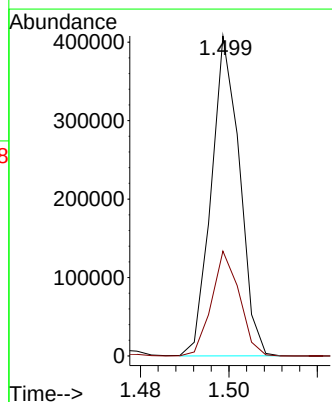
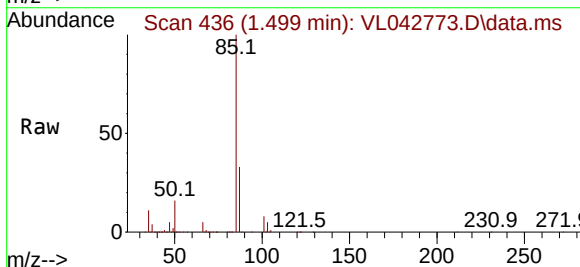
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

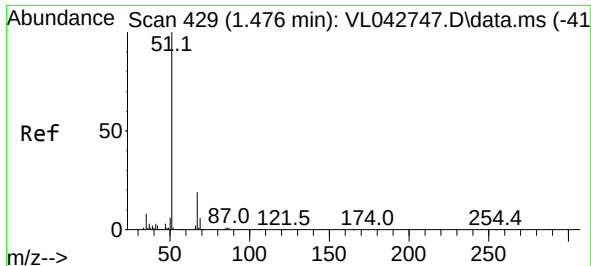
Tgt Ion: 49 Resp: 145476
 Ion Ratio Lower Upper
 49 100
 128 45.4 23.6 71.0
 130 60.5 30.3 90.8



#2
 Dichlorodifluoromethane
 Concen: 9.418 ppbv
 RT: 1.499 min Scan# 436
 Delta R.T. -0.000 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

Tgt Ion: 85 Resp: 181155
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.4 38.2

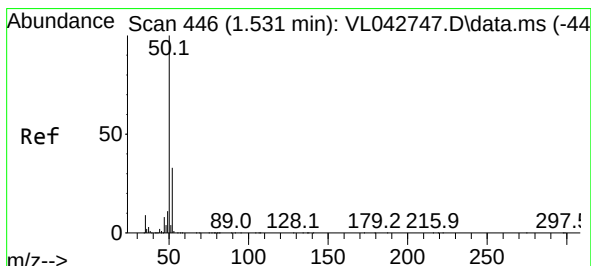
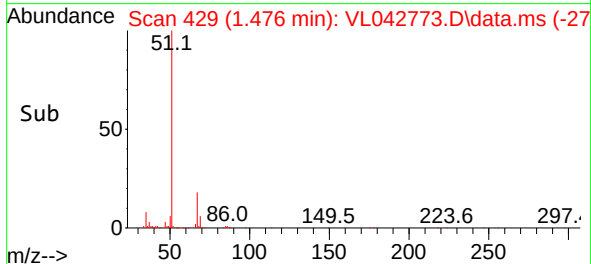
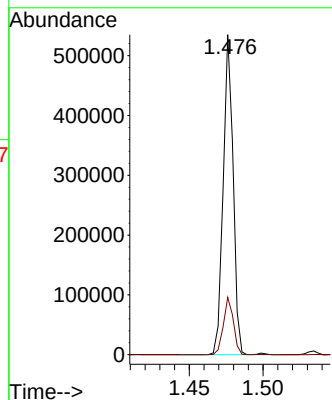
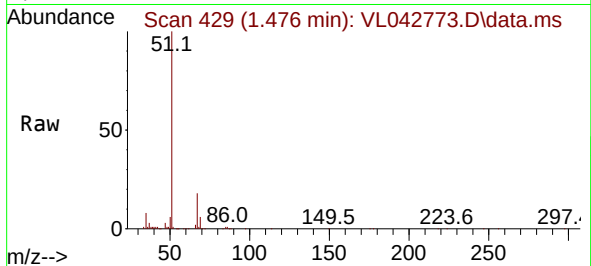




#3
Chlorodifluoromethane
Concen: 10.041 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

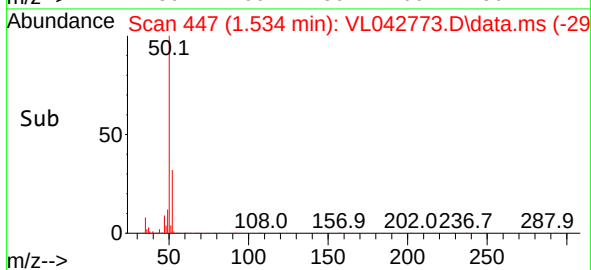
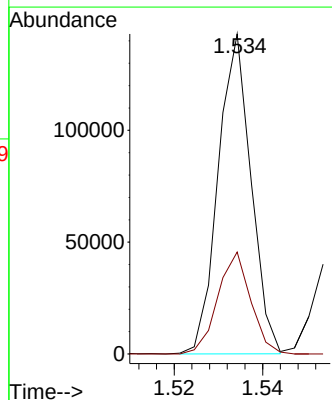
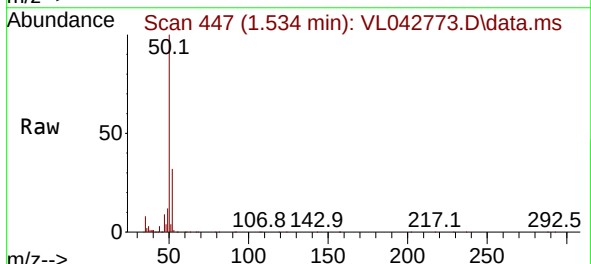
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MSVOA_L
ClientSampleId :
VSTDCCC010

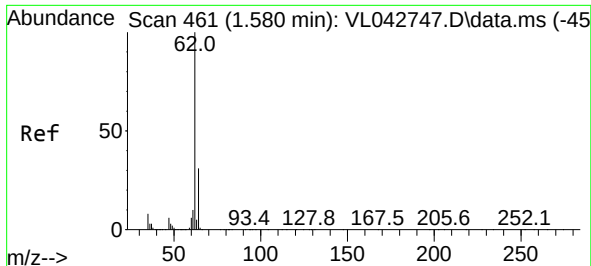
Tgt Ion: 51 Resp: 251592
Ion Ratio Lower Upper
51 100
67 18.1 15.0 22.6



#4
Chloromethane
Concen: 9.474 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 50 Resp: 73723
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0

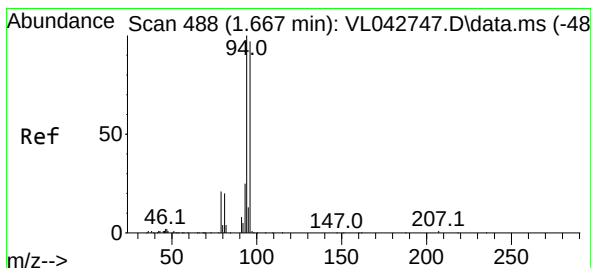
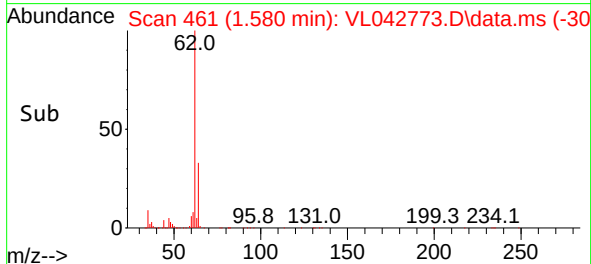
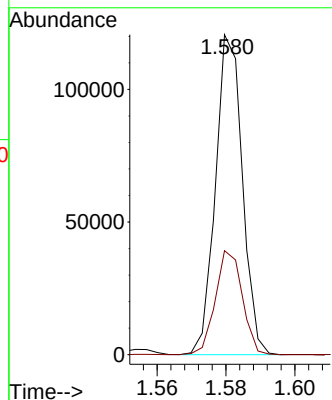
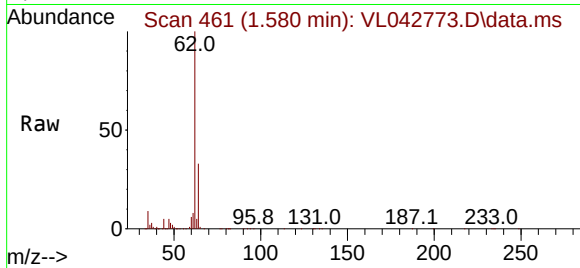




#5
 Vinyl Chloride
 Concen: 8.522 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

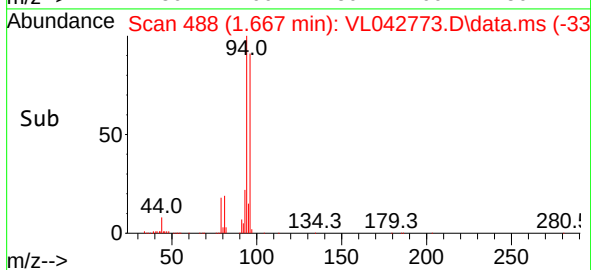
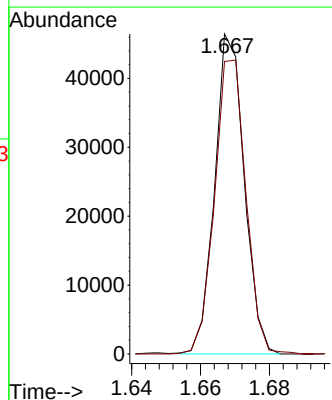
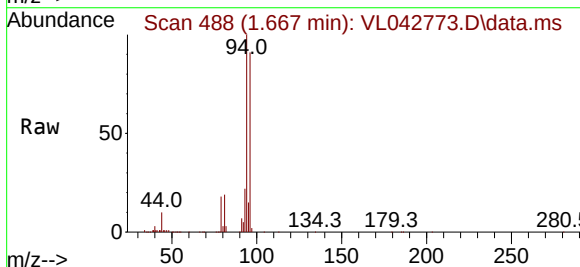
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 ClientSampleId :
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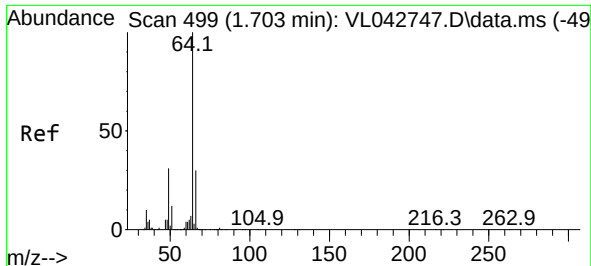
Tgt Ion: 62 Resp: 65522
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.5 36.7



#6
 Bromomethane
 Concen: 9.318 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

Tgt Ion: 94 Resp: 27694
 Ion Ratio Lower Upper
 94 100
 96 91.2 77.6 116.4

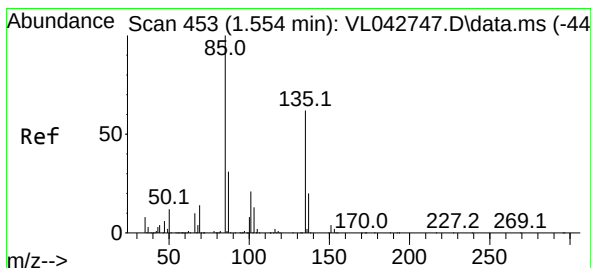
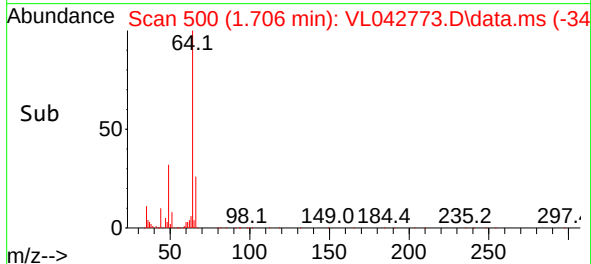
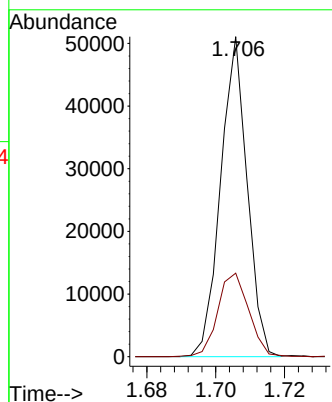
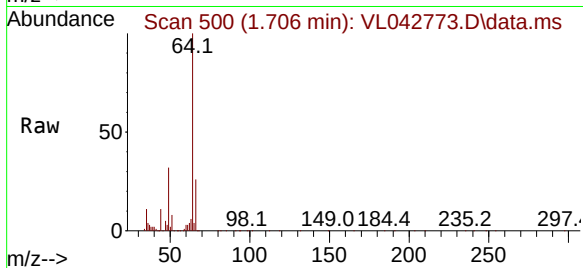




#7
Chloroethane
Concen: 9.200 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

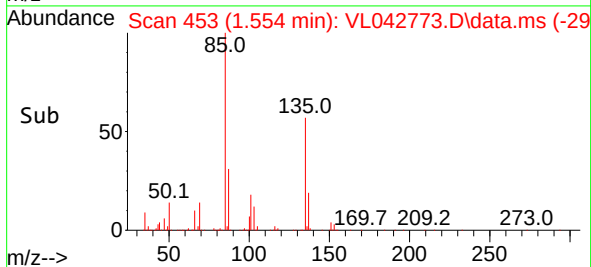
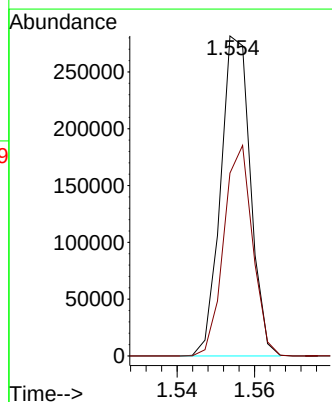
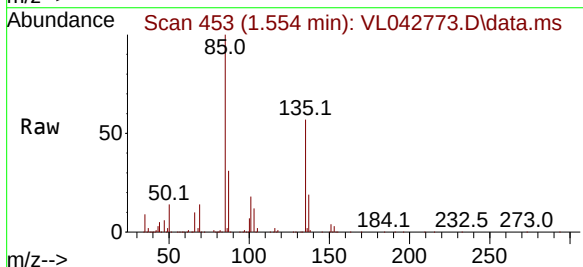
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MSVOA_1
ClientSampleId :
VSTDCCC010

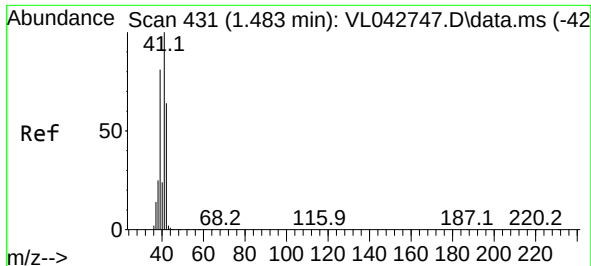
Tgt Ion: 64 Resp: 27329
Ion Ratio Lower Upper
64 100
66 26.1 24.1 36.1



#8
Dichlorotetrafluoroethane
Concen: 9.518 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 85 Resp: 150558
Ion Ratio Lower Upper
85 100
135 63.7 50.6 76.0

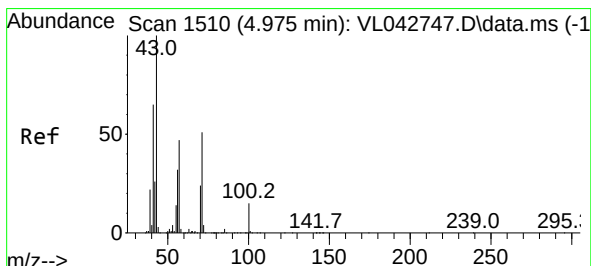
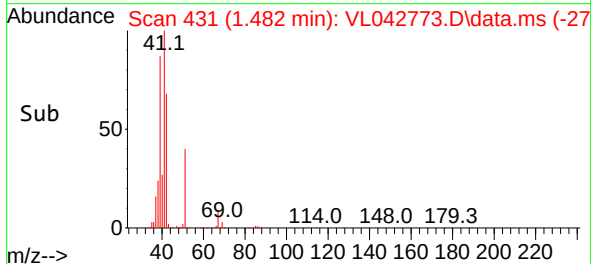
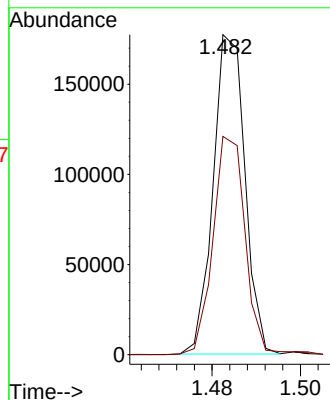
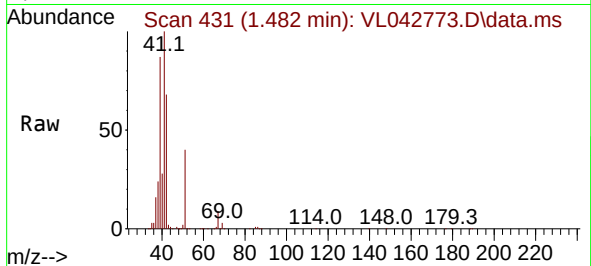




#9
 Propene
 Concen: 9.716 ppbv
 RT: 1.482 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

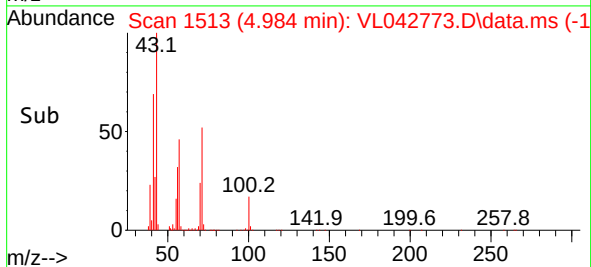
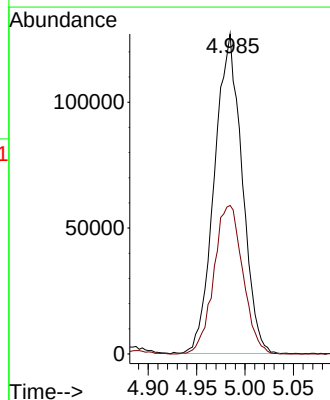
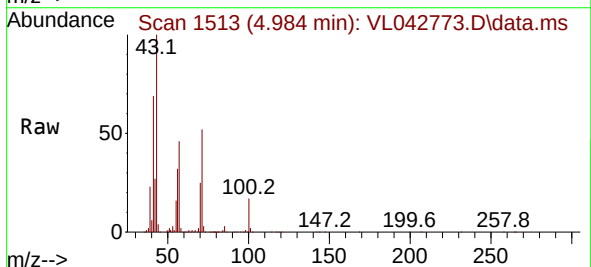
Instrument :
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 ClientSampleId :
 VSTDCCC010

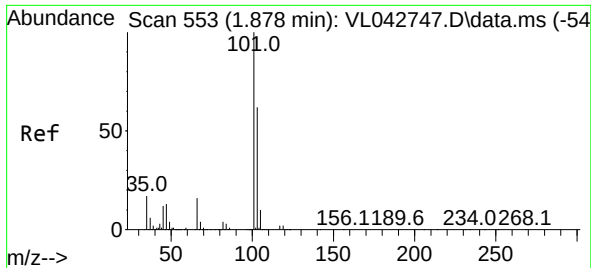
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 Ion Ratio Lower Upper
 41 100
 42 70.0 53.2 79.8



#10
 Heptane
 Concen: 10.262 ppbv
 RT: 4.984 min Scan# 1513
 Delta R.T. 0.010 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

Tgt Ion: 43 Resp: 251985
 Ion Ratio Lower Upper
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 57 48.8 39.9 59.9

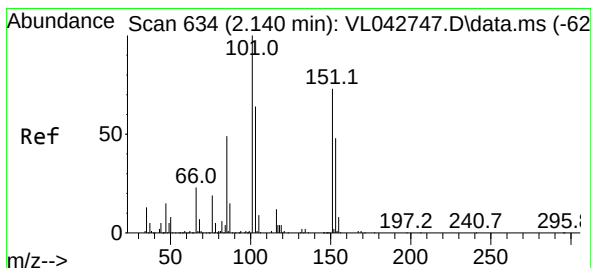
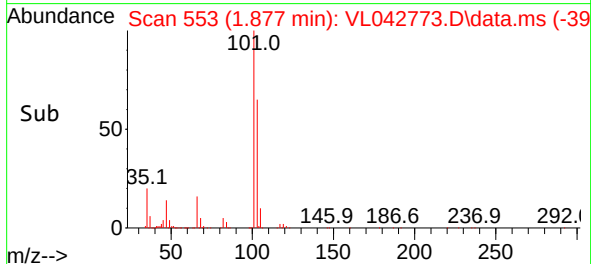
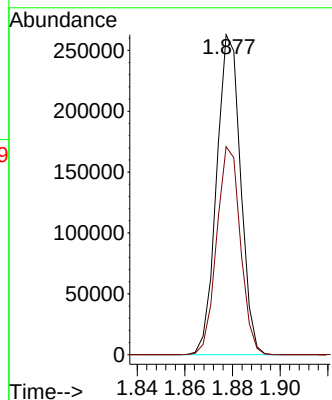
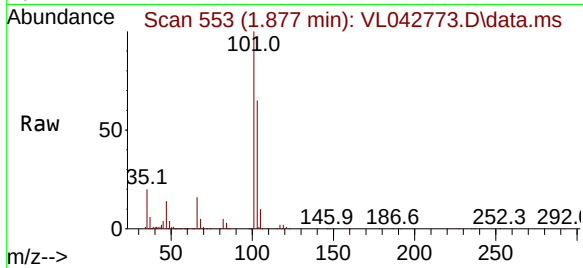




#11
 Trichlorofluoromethane
 Concen: 9.256 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

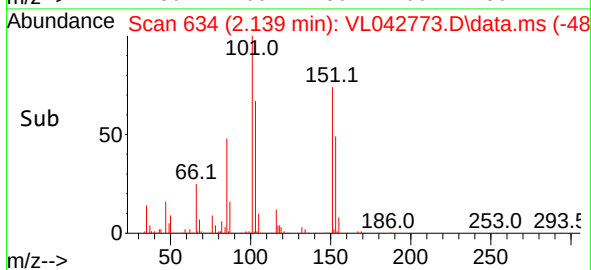
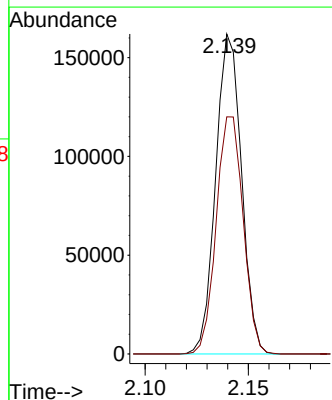
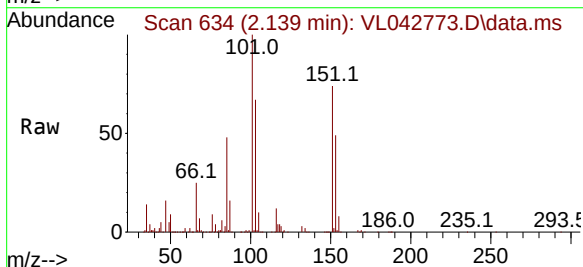
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

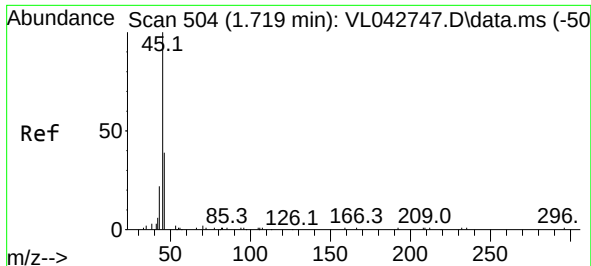
Tgt Ion:101 Resp: 183526
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.6 74.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.357 ppbv
 RT: 2.139 min Scan# 634
 Delta R.T. -0.000 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

Tgt Ion:101 Resp: 140976
 Ion Ratio Lower Upper
 101 100
 151 77.4 60.5 90.7

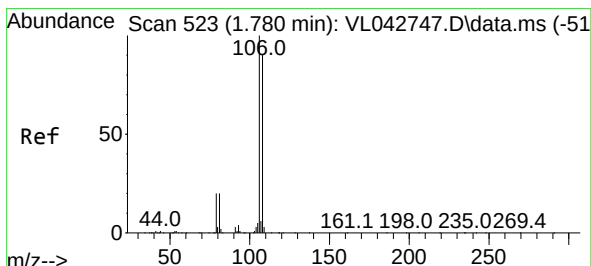
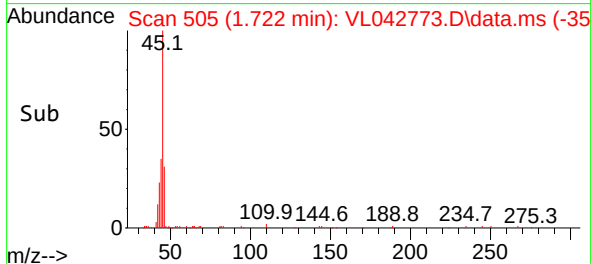
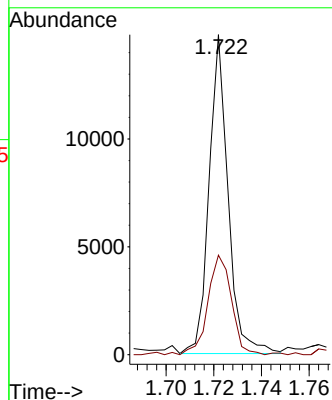
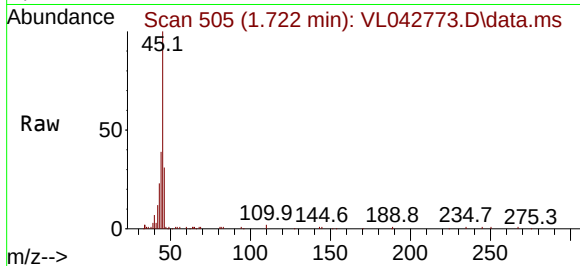




#13
Ethanol
Concen: 11.213 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

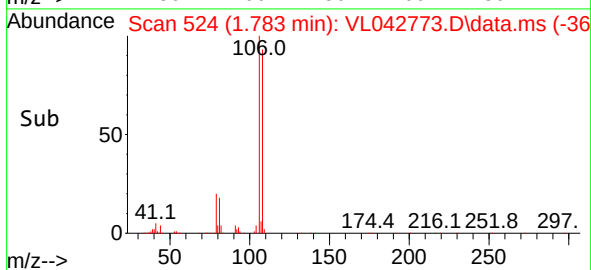
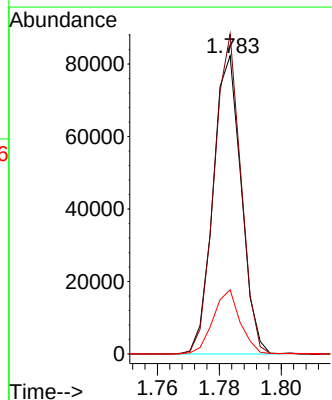
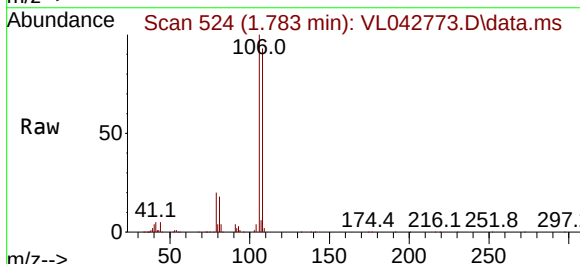
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

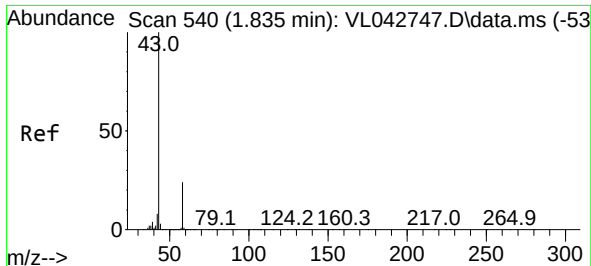
Tgt Ion: 45 Resp: 8199
Ion Ratio Lower Upper
45 100
46 39.2 17.8 71.4



#14
Bromoethene
Concen: 9.739 ppbv
RT: 1.783 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 108 Resp: 51955
Ion Ratio Lower Upper
108 100
106 101.4 84.7 127.1
79 21.2 17.4 26.2

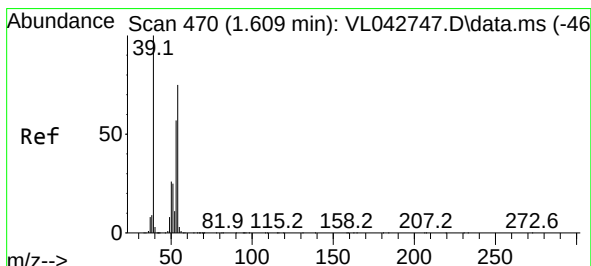
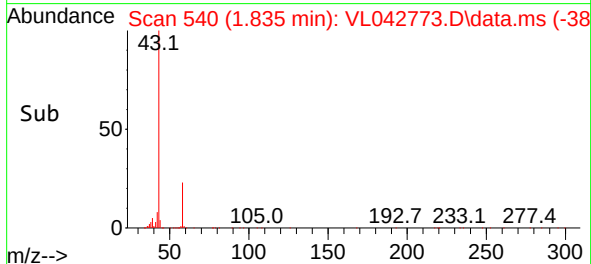
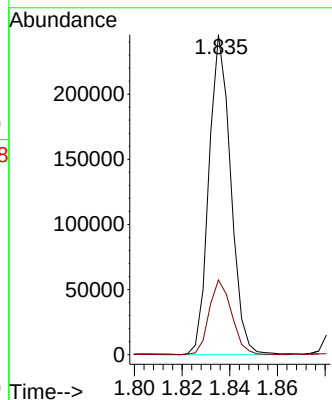
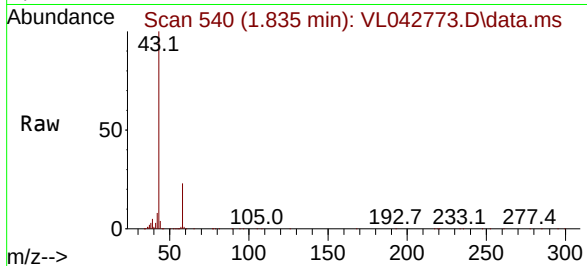




#15
Acetone
Concen: 7.786 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

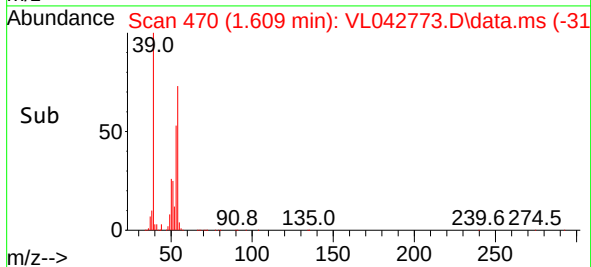
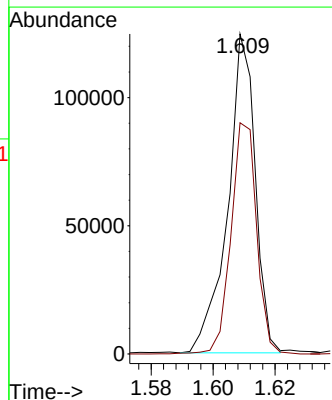
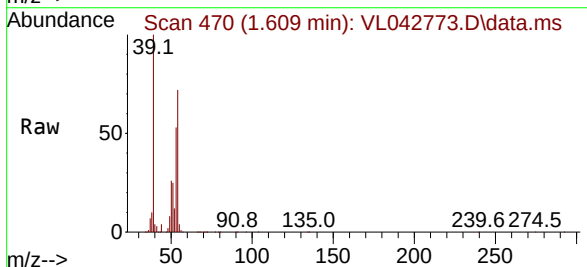
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

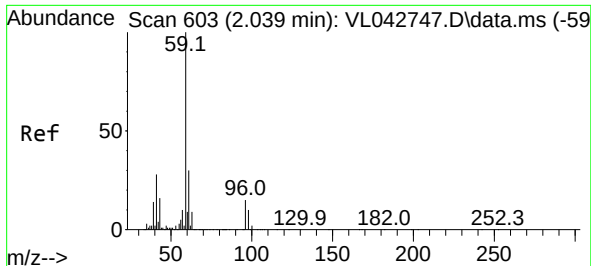
Tgt Ion: 43 Resp: 156397
Ion Ratio Lower Upper
43 100
58 24.4 19.8 29.8



#16
1,3-Butadiene
Concen: 8.940 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 39 Resp: 76605
Ion Ratio Lower Upper
39 100
54 67.8 54.5 81.7





#17

tert-Butyl alcohol

Concen: 9.321 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.000 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_1

ClientSampleId :

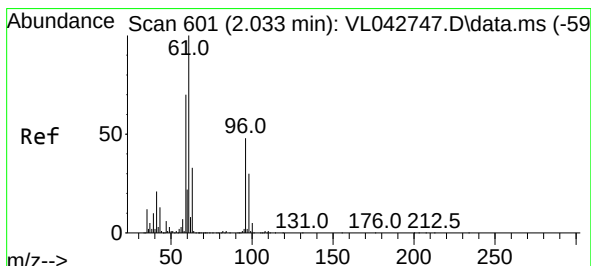
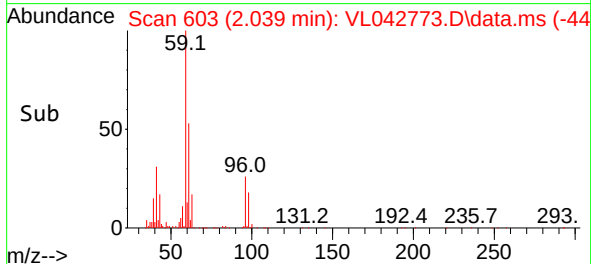
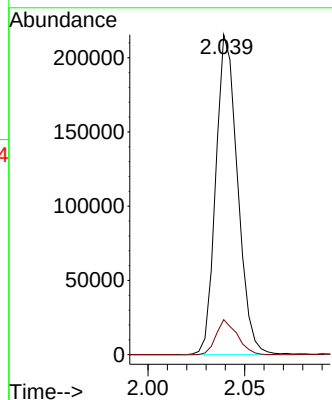
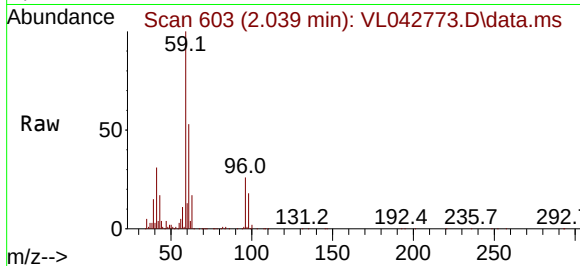
VSTDCCC010

Tgt Ion: 59 Resp: 168866

Ion Ratio Lower Upper

59 100

57 10.6 8.3 12.5



#18

1,1-Dichloroethene

Concen: 9.025 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

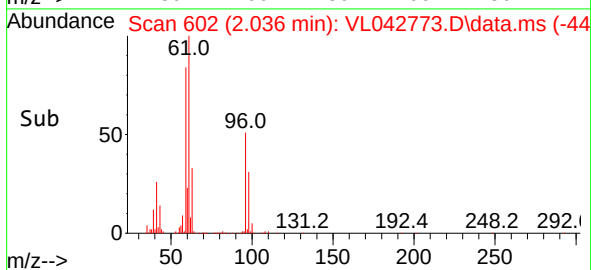
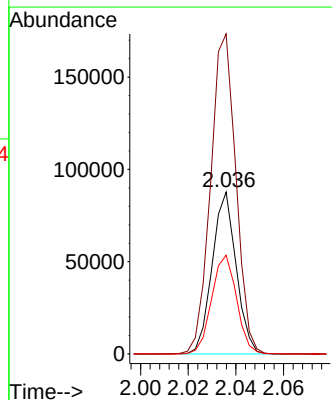
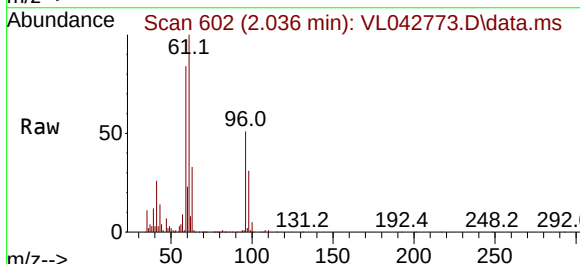
Tgt Ion: 96 Resp: 61443

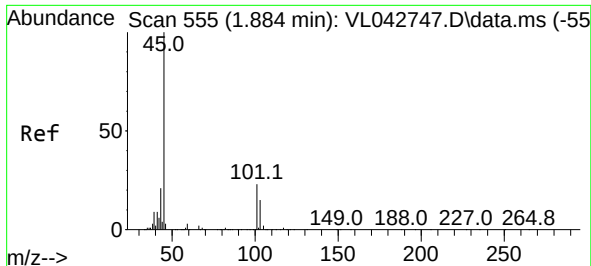
Ion Ratio Lower Upper

96 100

61 197.6 165.8 248.6

98 61.0 49.9 74.9





#19

Isopropyl Alcohol

Concen: 9.151 ppbv

RT: 1.887 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_1

ClientSampleId :

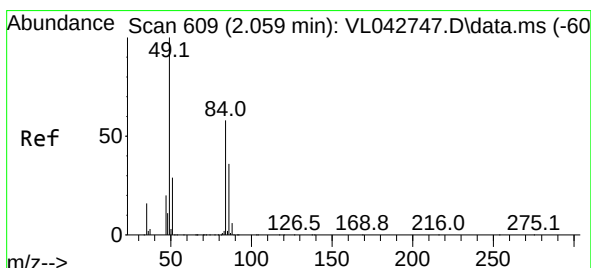
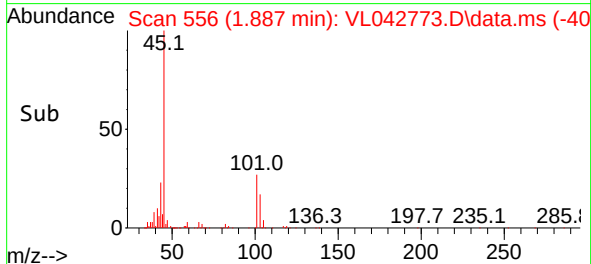
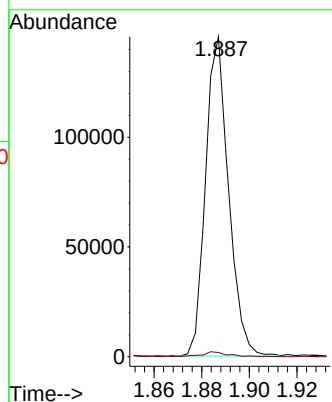
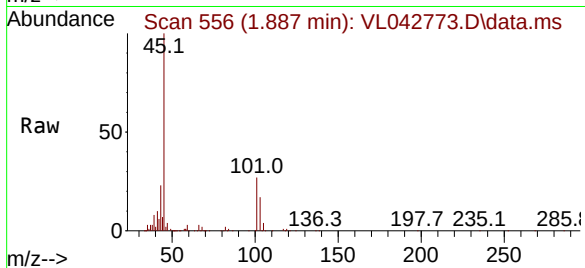
VSTDCCC010

Tgt Ion: 45 Resp: 97689

Ion Ratio Lower Upper

45 100

58 39.0 30.0 45.0



#20

Methylene Chloride

Concen: 8.604 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Tgt Ion: 84 Resp: 54464

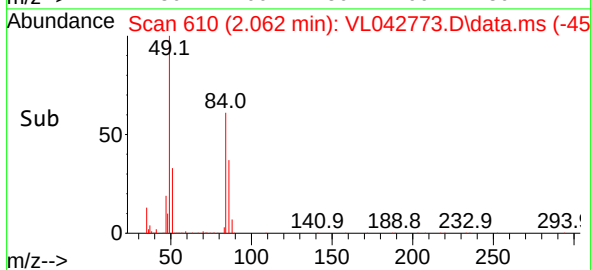
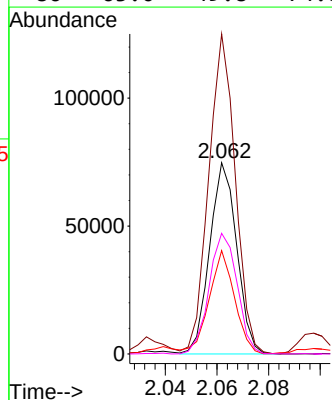
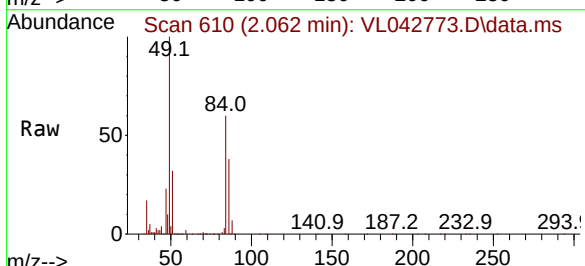
Ion Ratio Lower Upper

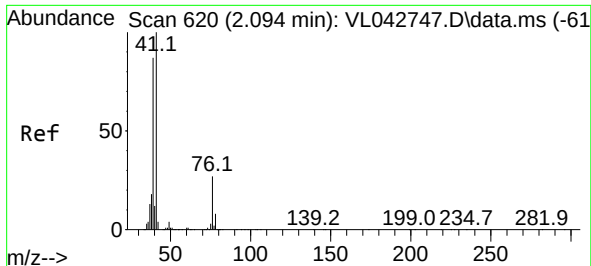
84 100

49 167.3 138.6 208.0

51 53.3 40.6 61.0

86 63.0 49.8 74.8

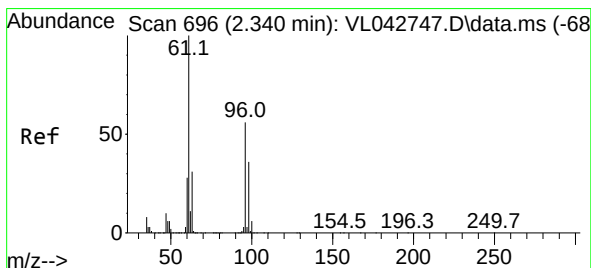
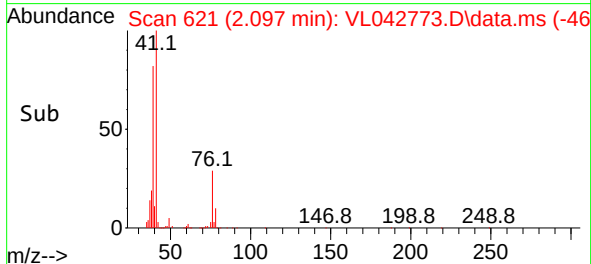
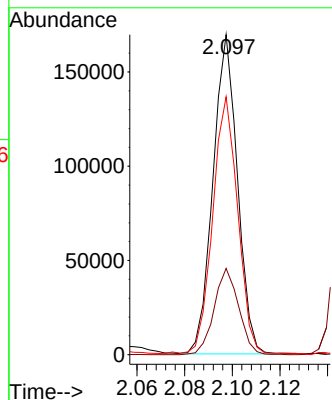
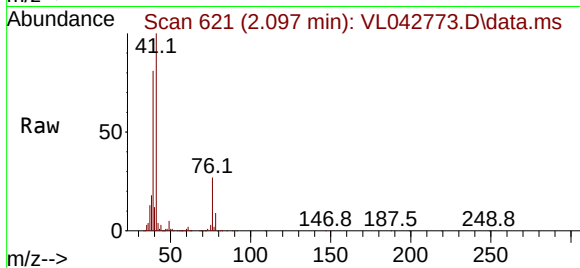




#21
 Allyl Chloride
 Concen: 9.764 ppbv
 RT: 2.097 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

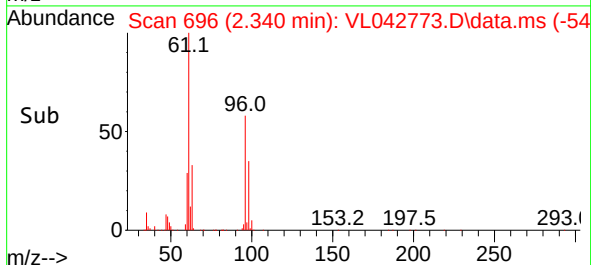
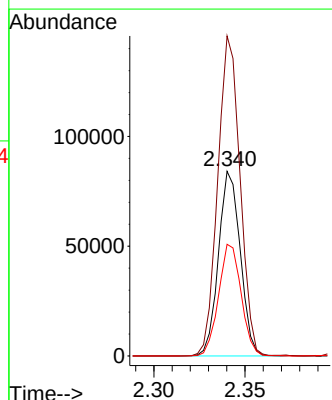
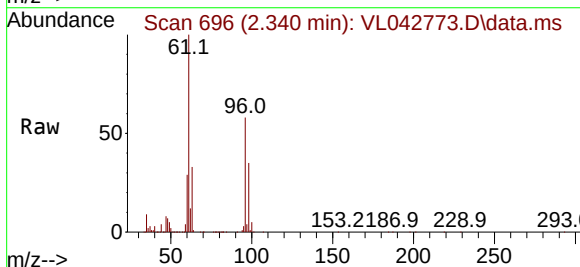
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

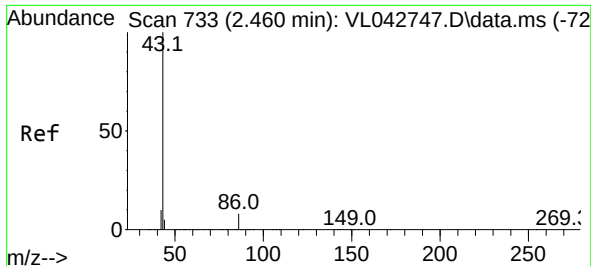
Tgt Ion: 41 Resp: 120881
 Ion Ratio Lower Upper
 41 100
 76 27.1 21.1 31.7
 39 82.1 68.3 102.5



#22
 trans-1,2-Dichloroethene
 Concen: 9.526 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

Tgt Ion: 96 Resp: 69760
 Ion Ratio Lower Upper
 96 100
 61 173.3 142.3 213.5
 98 60.5 50.6 76.0

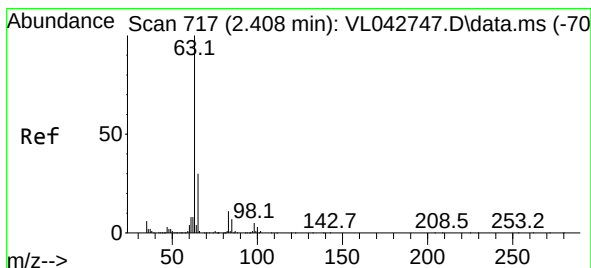
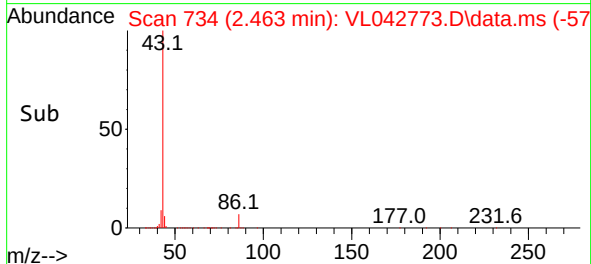
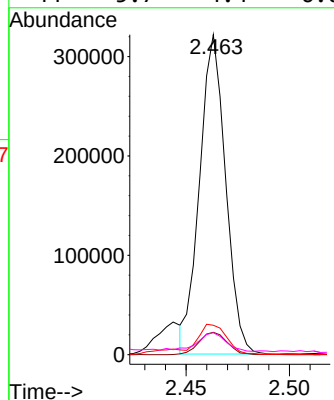
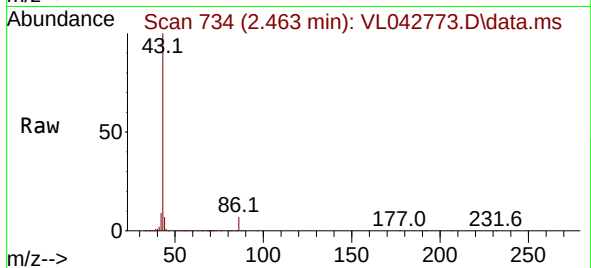




#23
 Vinyl Acetate
 Concen: 11.548 ppbv
 RT: 2.463 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

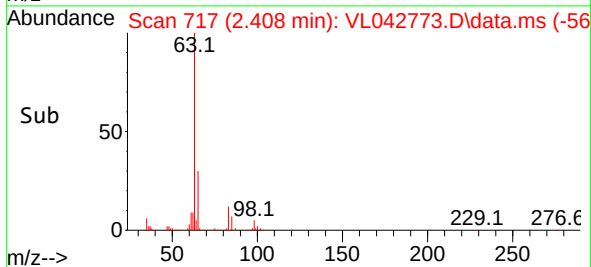
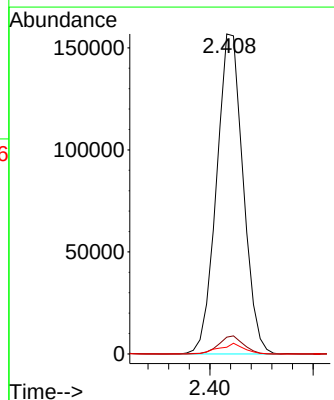
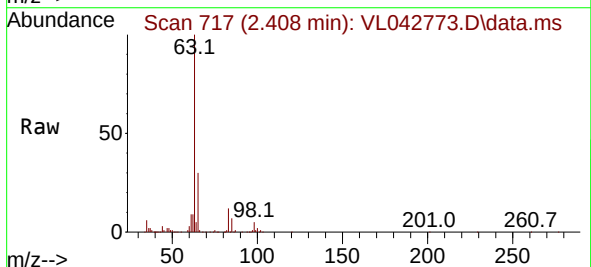
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

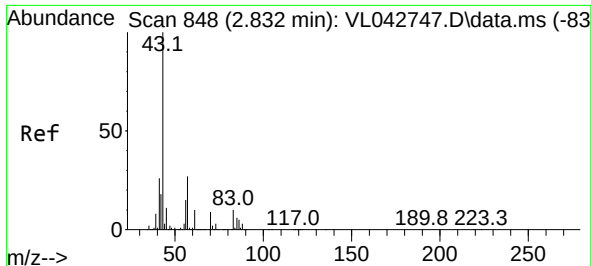
Tgt Ion:	43	Resp:	281244
Ion	Ratio	Lower	Upper
43	100		
86	7.0	6.1	9.1
42	9.1	7.8	11.8
44	5.7	4.4	6.6



#24
 1,1-Dichloroethane
 Concen: 9.323 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

Tgt Ion:	63	Resp:	140141
Ion	Ratio	Lower	Upper
63	100		
98	5.3	2.5	7.4
100	2.1	1.6	4.8

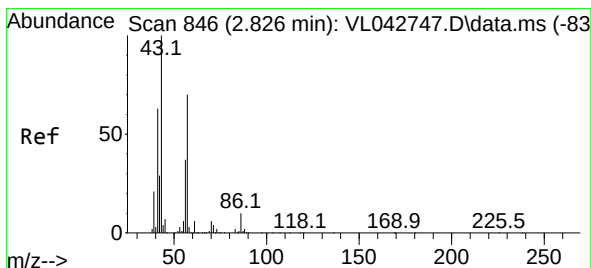
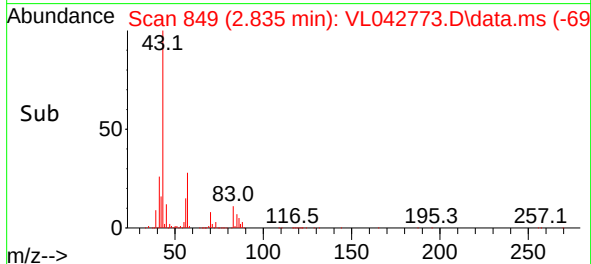
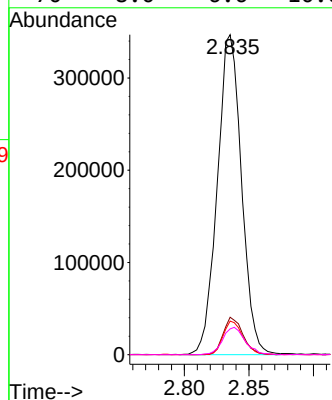
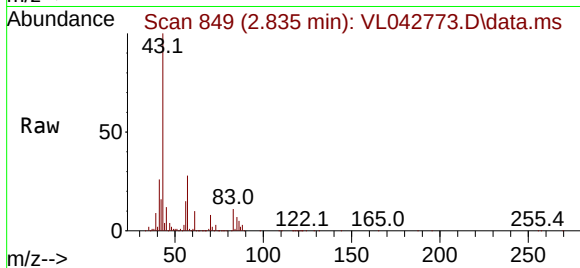




#25
Ethyl Acetate
Concen: 10.157 ppbv
RT: 2.835 min Scan# 848
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

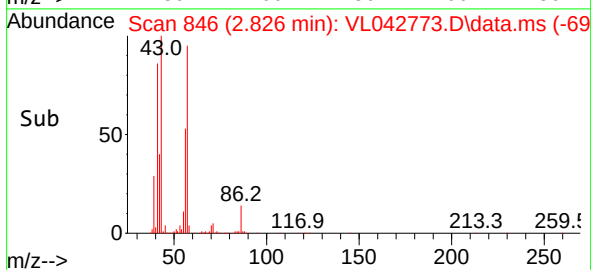
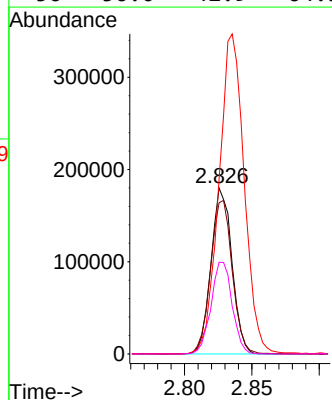
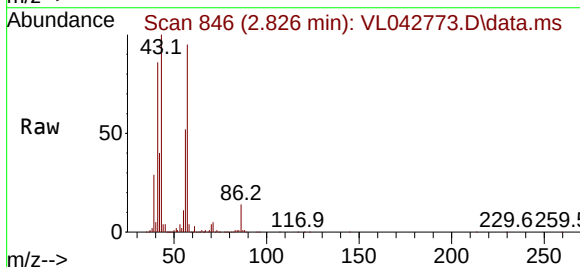
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

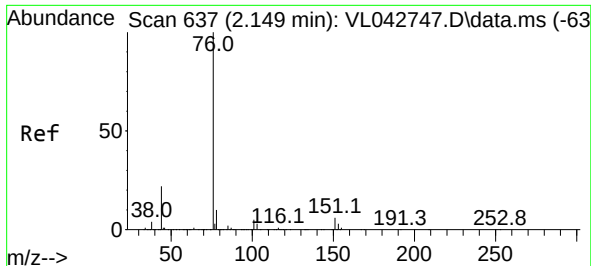
Tgt Ion: 43	Resp: 451618
Ion Ratio	Lower Upper
43 100	
45 9.7	7.8 11.6
61 8.7	6.7 10.1
70 8.0	6.6 10.0



#26
Hexane
Concen: 9.947 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 57	Resp: 194029
Ion Ratio	Lower Upper
57 100	
41 96.4	75.4 113.2
43 234.4	185.0 277.6
56 56.0	42.9 64.3

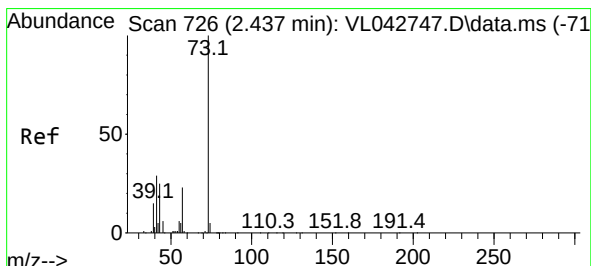
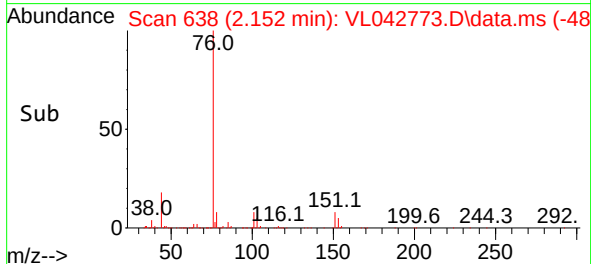
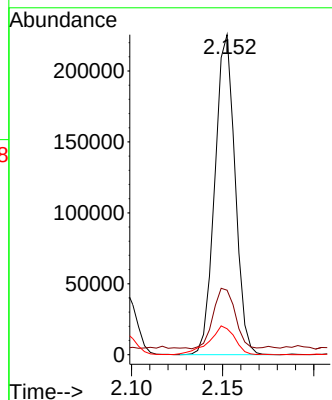
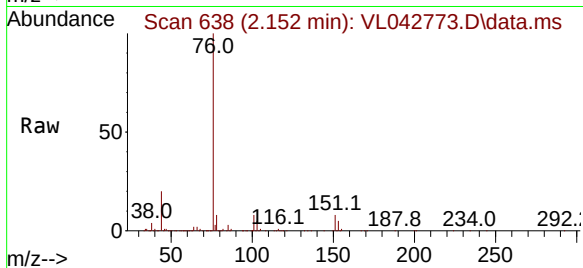




#27
Carbon Disulfide
Concen: 10.430 ppbv
RT: 2.152 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

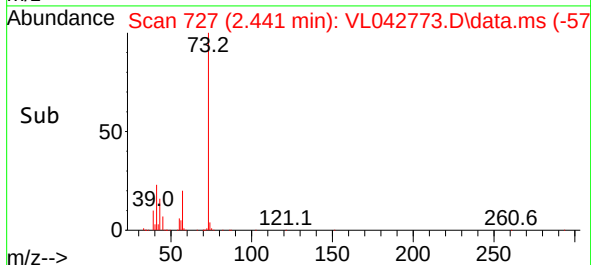
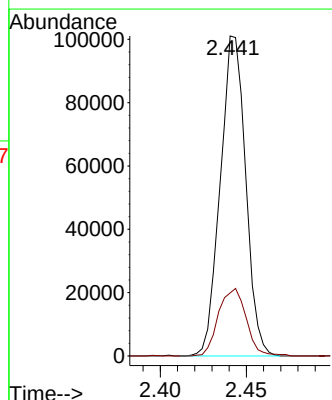
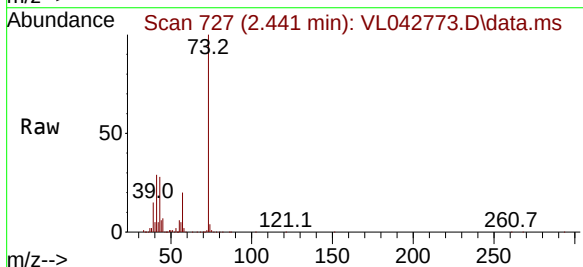
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

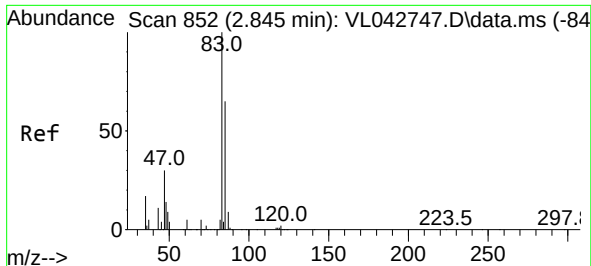
Tgt Ion: 76 Resp: 174164
Ion Ratio Lower Upper
76 100
44 29.5 19.3 28.9#
78 11.4 9.9 14.9



#28
Methyl tert-Butyl Ether
Concen: 11.249 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 73 Resp: 103653
Ion Ratio Lower Upper
73 100
57 23.1 19.8 29.8

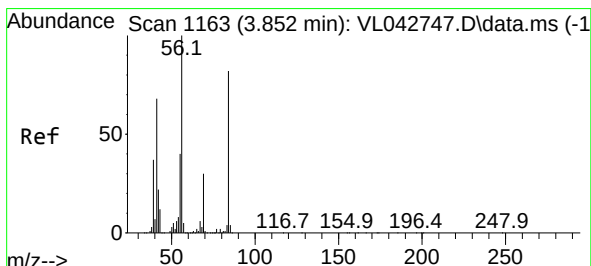
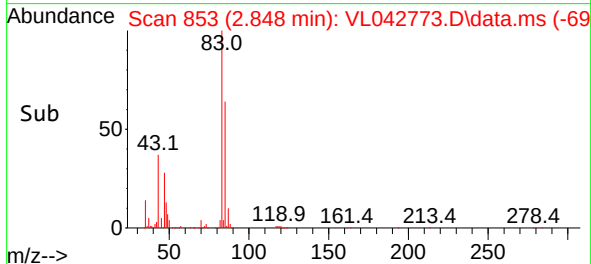
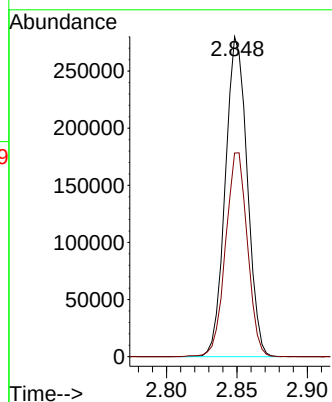
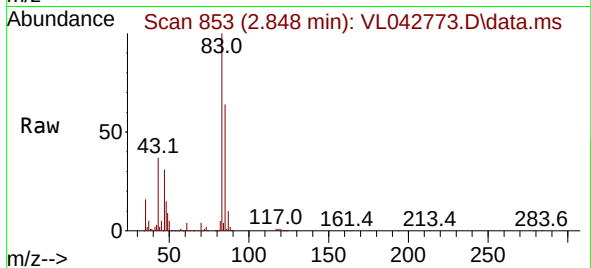




#29
Chloroform
Concen: 10.070 ppbv
RT: 2.848 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

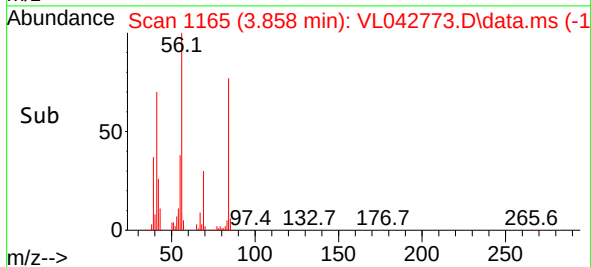
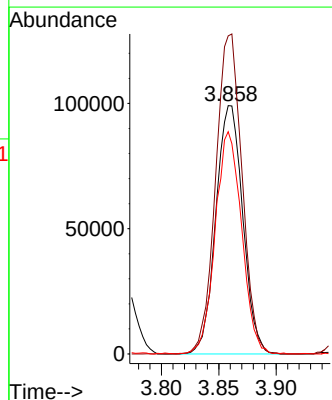
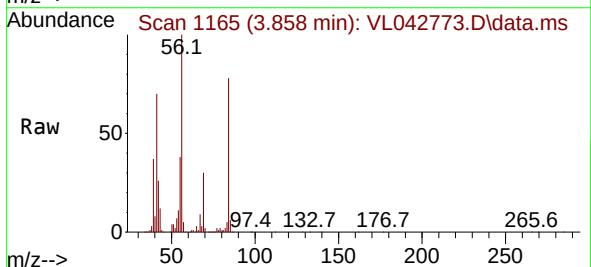
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

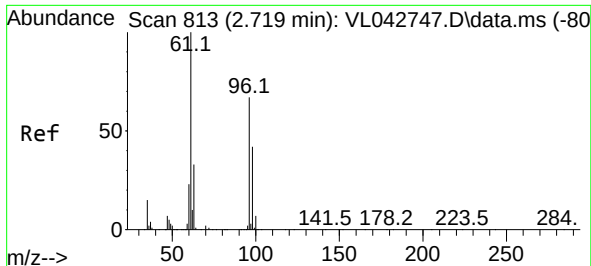
Tgt Ion: 83 Resp: 303505
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.2



#30
Cyclohexane
Concen: 9.770 ppbv
RT: 3.858 min Scan# 1165
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 84 Resp: 161614
Ion Ratio Lower Upper
84 100
56 126.5 97.5 146.3
41 88.1 67.2 100.8

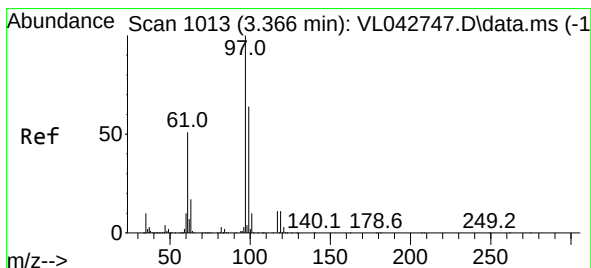
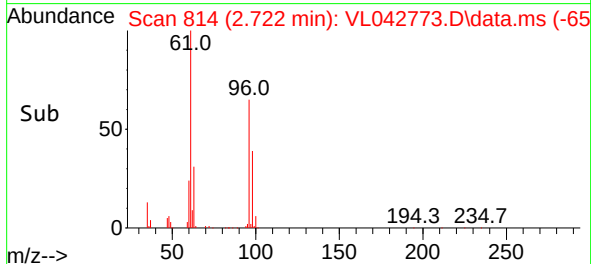
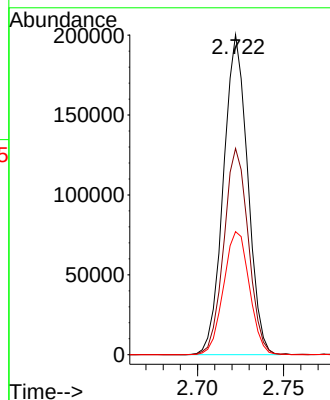
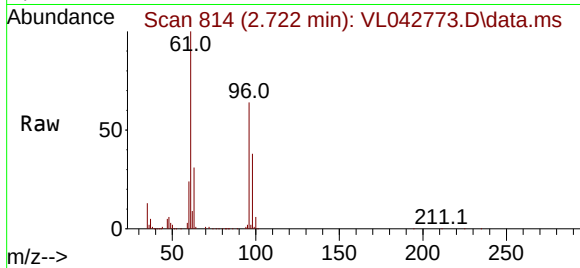




#31
 cis-1,2-Dichloroethene
 Concen: 9.787 ppbv
 RT: 2.722 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

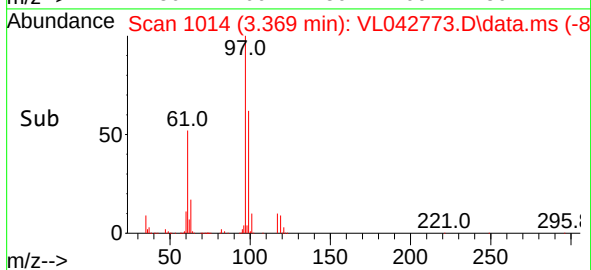
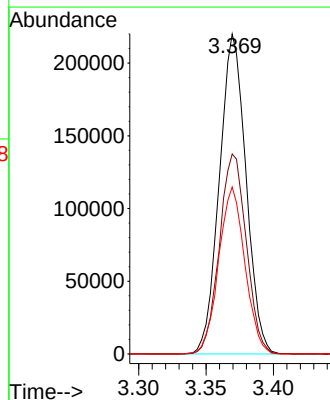
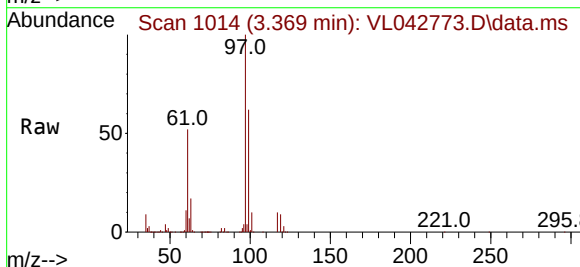
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

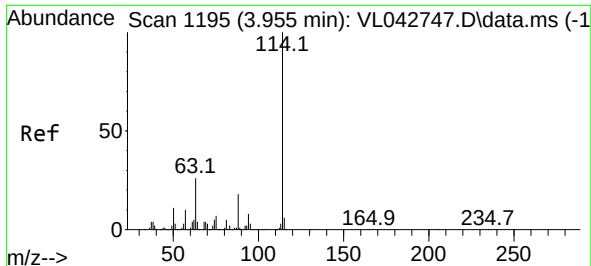
Tgt Ion: 61 Resp: 196176
 Ion Ratio Lower Upper
 61 100
 96 64.4 53.5 80.3
 98 38.5 33.6 50.4



#32
 1,1,1-Trichloroethane
 Concen: 9.619 ppbv
 RT: 3.369 min Scan# 1014
 Delta R.T. 0.003 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

Tgt Ion: 97 Resp: 301986
 Ion Ratio Lower Upper
 97 100
 99 63.2 51.0 76.6
 61 51.4 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.006 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

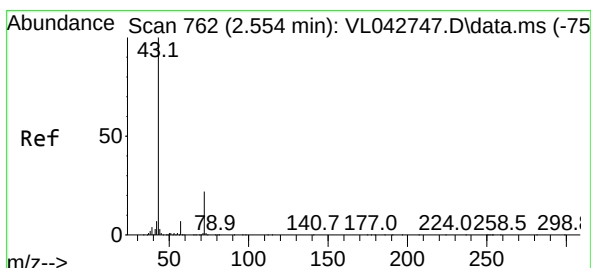
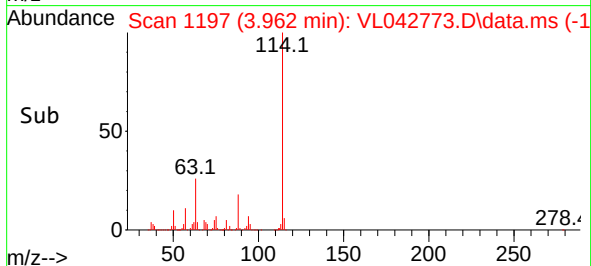
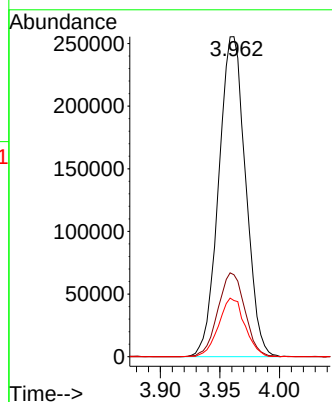
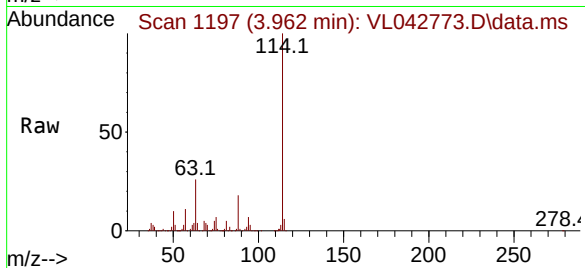
Tgt Ion:114 Resp: 401016

Ion Ratio Lower Upper

114 100

63 26.3 20.5 30.7

88 17.9 14.0 21.0



#34

2-Butanone

Concen: 10.525 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.003 min

Lab File: VL042773.D

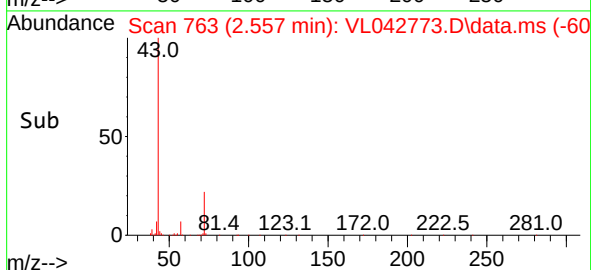
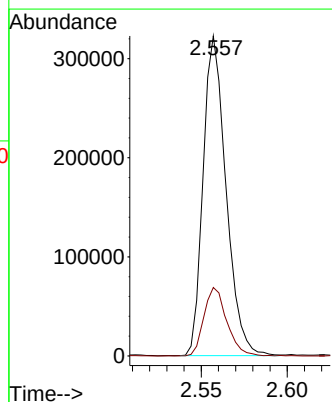
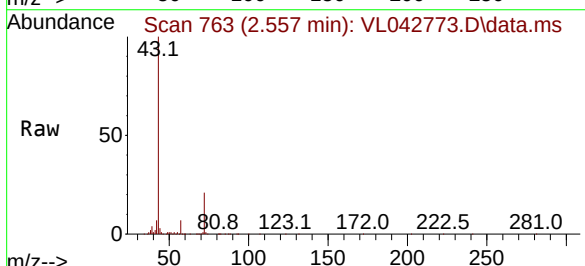
Acq: 29 Jul 2025 08:28

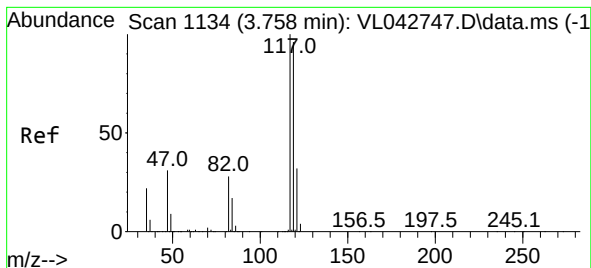
Tgt Ion: 43 Resp: 298973

Ion Ratio Lower Upper

43 100

72 21.5 17.4 26.0





#35

Carbon Tetrachloride

Concen: 10.597 ppbv

RT: 3.768 min Scan# 1134

Delta R.T. 0.010 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

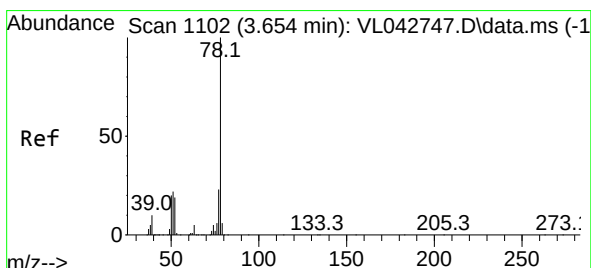
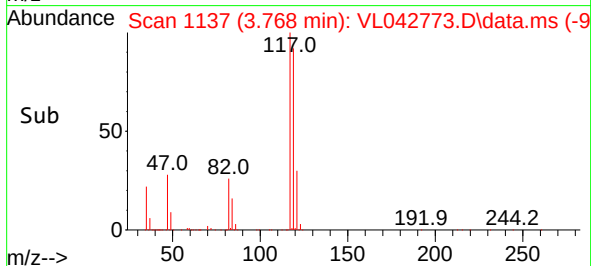
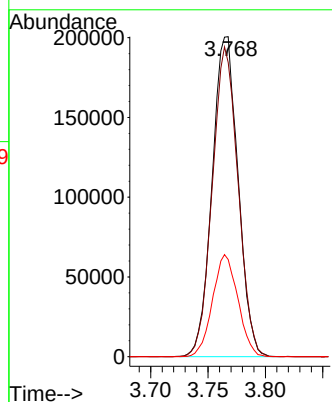
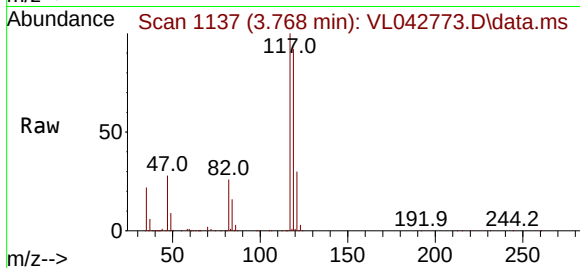
Tgt Ion:117 Resp: 315663

Ion Ratio Lower Upper

117 100

119 91.9 77.1 115.7

121 30.3 25.5 38.3



#36

Benzene

Concen: 10.386 ppbv

RT: 3.657 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

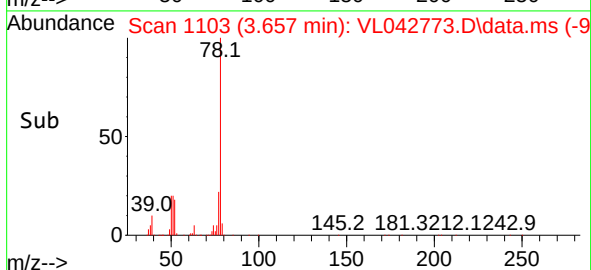
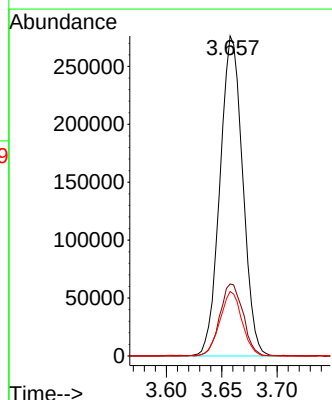
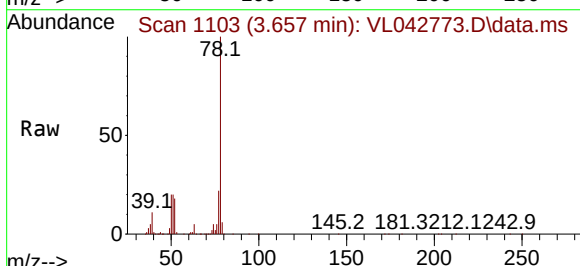
Tgt Ion: 78 Resp: 394734

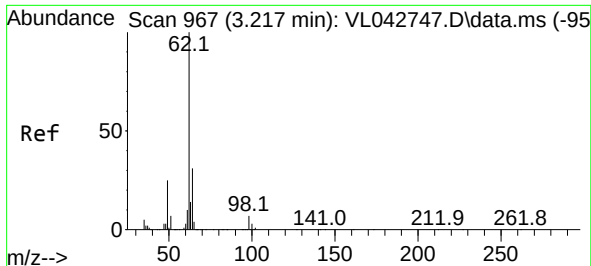
Ion Ratio Lower Upper

78 100

77 22.5 18.5 27.7

50 20.2 16.2 24.2





#37

1,2-Dichloroethane

Concen: 10.417 ppbv

RT: 3.217 min Scan# 9

Delta R.T. -0.000 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

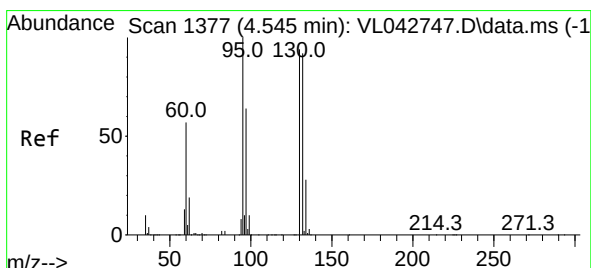
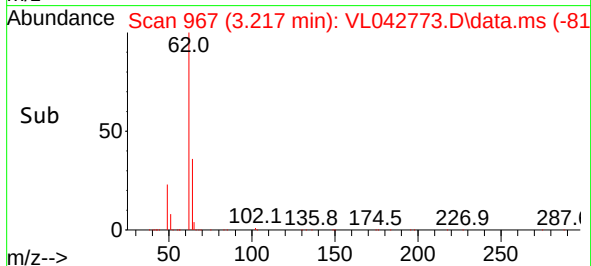
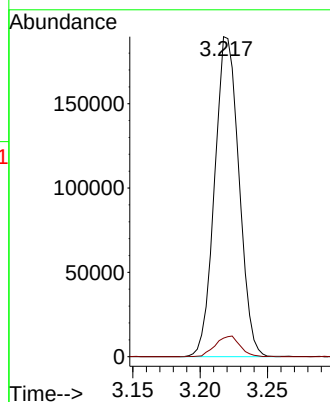
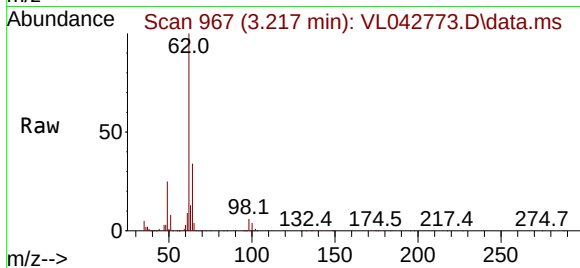
VSTDCCC010

Tgt Ion: 62 Resp: 238496

Ion Ratio Lower Upper

62 100

98 6.5 5.2 7.8



#38

Trichloroethene

Concen: 9.680 ppbv

RT: 4.554 min Scan# 1380

Delta R.T. 0.009 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Tgt Ion:130 Resp: 176737

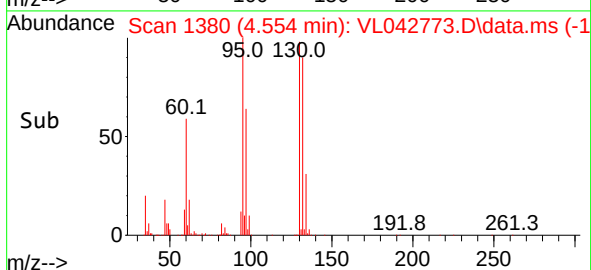
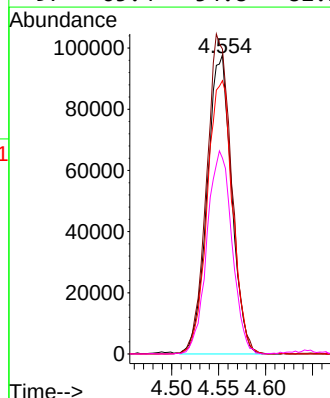
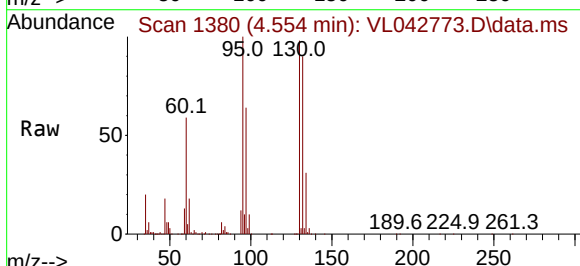
Ion Ratio Lower Upper

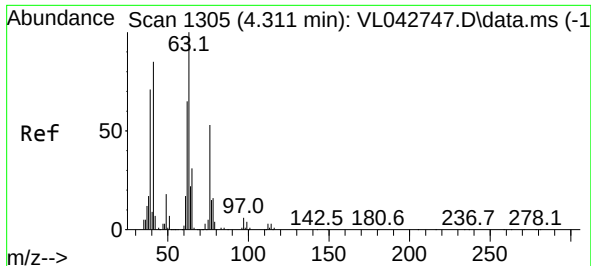
130 100

95 102.0 85.4 128.2

132 91.3 78.2 117.2

97 65.4 54.8 82.2





#39

1,2-Dichloropropane

Concen: 10.190 ppbv

RT: 4.315 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

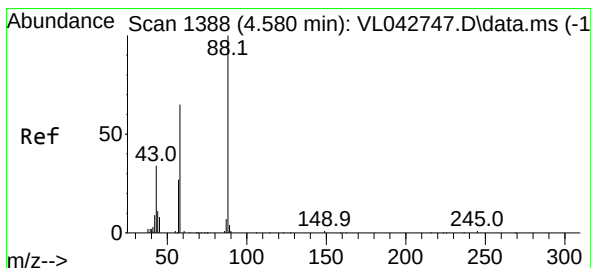
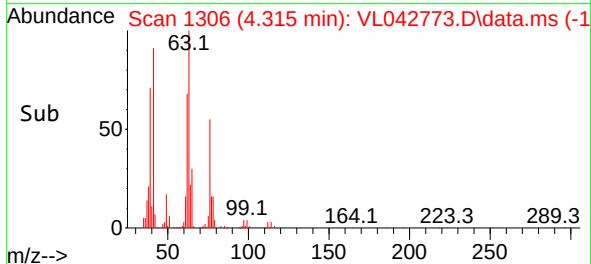
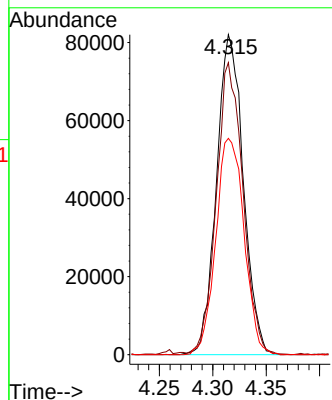
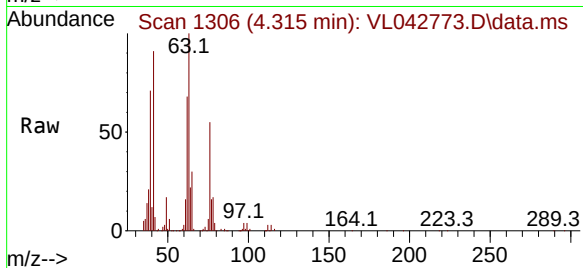
Tgt Ion: 63 Resp: 142961

Ion Ratio Lower Upper

63 100

41 91.0 68.2 102.4

62 67.6 52.0 78.0



#40

1,4-Dioxane

Concen: 9.727 ppbv

RT: 4.583 min Scan# 1389

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Tgt Ion: 88 Resp: 63605

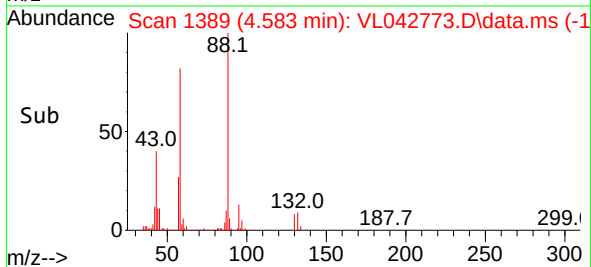
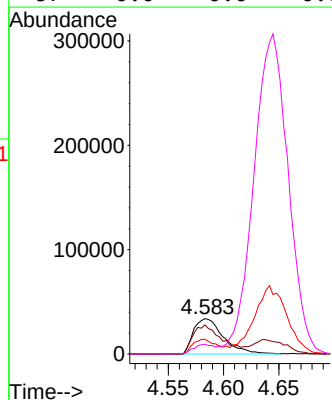
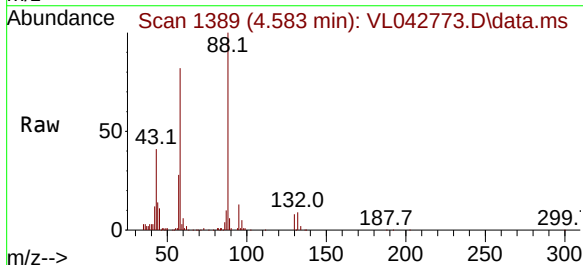
Ion Ratio Lower Upper

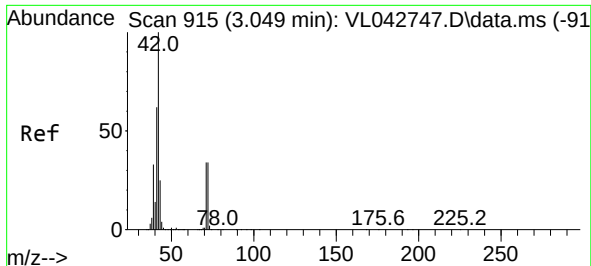
88 100

58 82.3 58.8 88.2

43 36.2 28.9 43.3

57 0.0 0.0 0.0

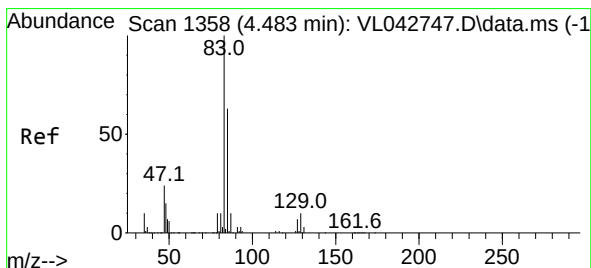
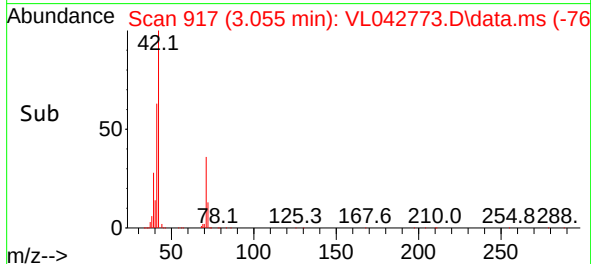
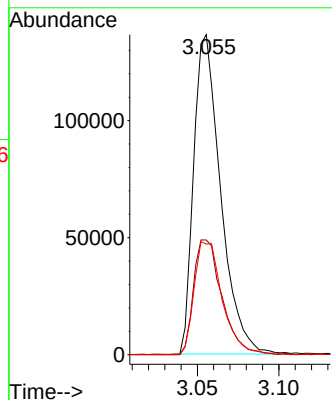
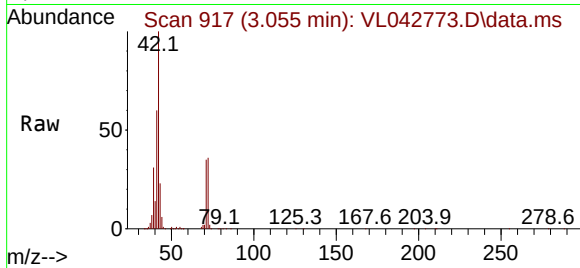




#41
Tetrahydrofuran
Concen: 10.874 ppbv
RT: 3.055 min Scan# 915
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

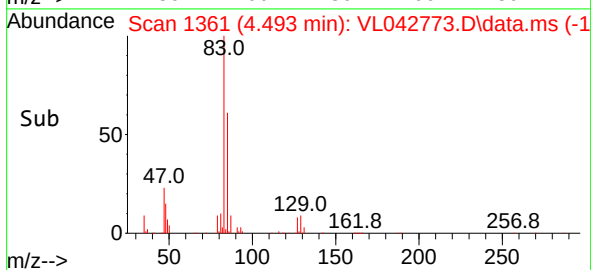
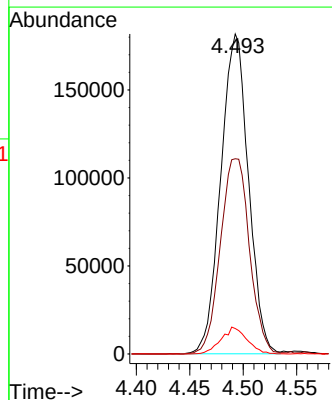
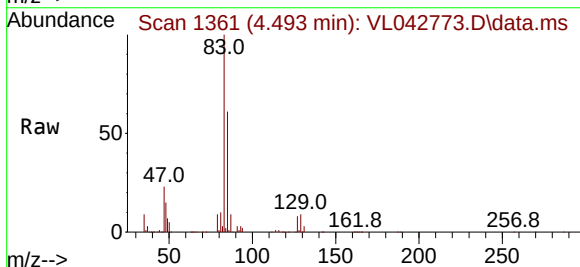
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

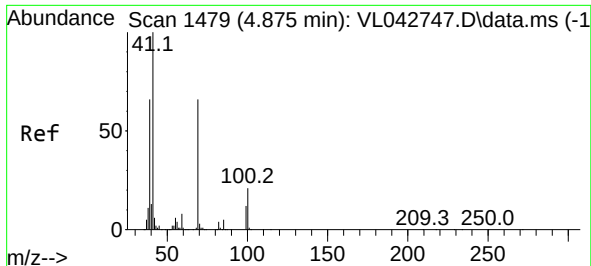
Tgt Ion: 42 Resp: 157177
Ion Ratio Lower Upper
42 100
72 37.9 30.9 46.3
71 37.1 28.6 43.0



#42
Bromodichloromethane
Concen: 10.986 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. 0.009 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 83 Resp: 327576
Ion Ratio Lower Upper
83 100
85 61.0 50.2 75.4
127 8.0 5.4 8.2

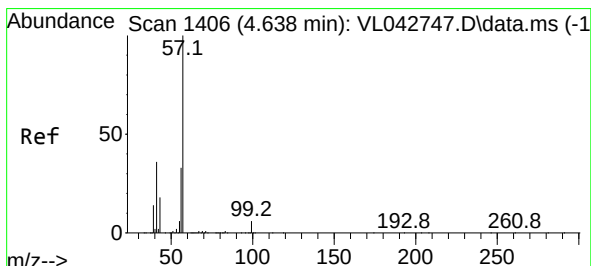
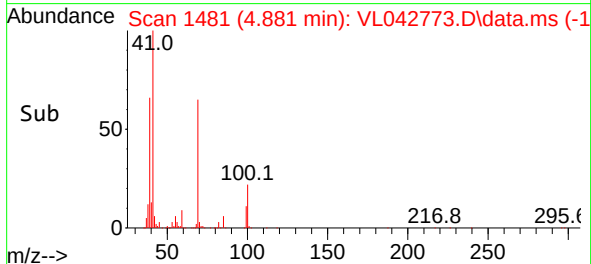
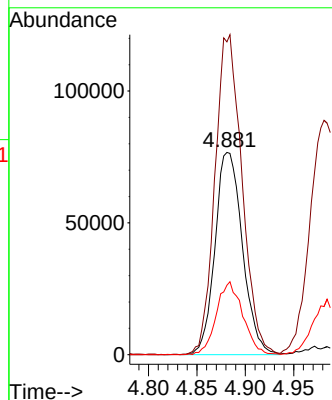
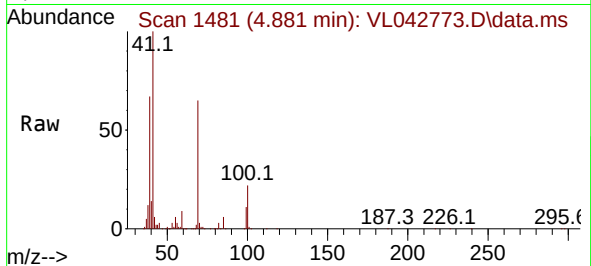




#43
Methyl Methacrylate
Concen: 11.204 ppbv
RT: 4.881 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

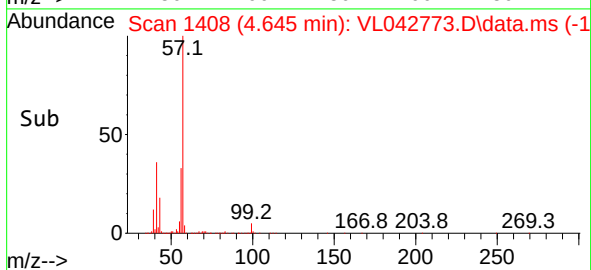
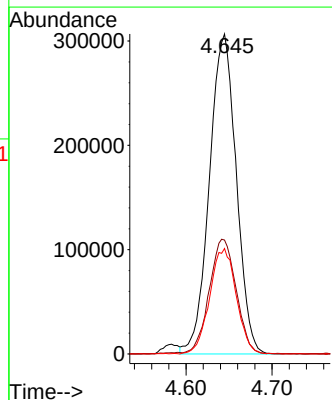
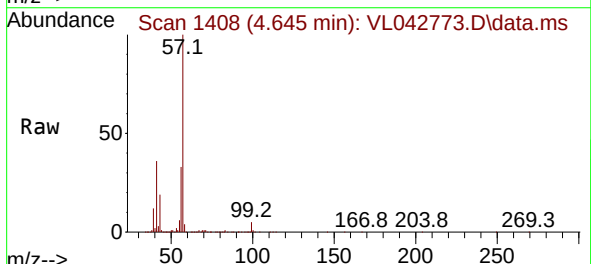
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

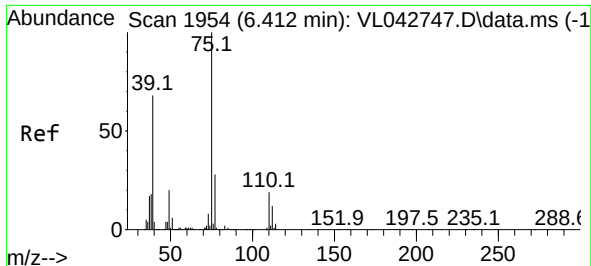
Tgt Ion: 69 Resp: 151353
Ion Ratio Lower Upper
69 100
41 156.2 125.7 188.5
100 34.8 28.6 42.8



#44
2,2,4-Trimethylpentane
Concen: 10.747 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 57 Resp: 665750
Ion Ratio Lower Upper
57 100
41 36.4 28.3 42.5
56 32.7 25.8 38.6

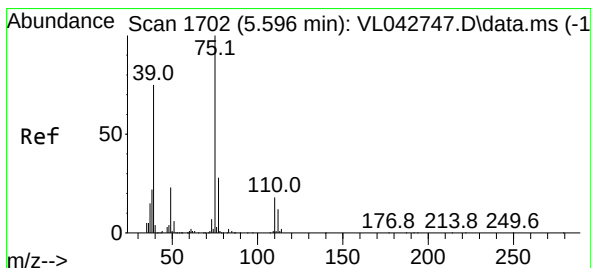
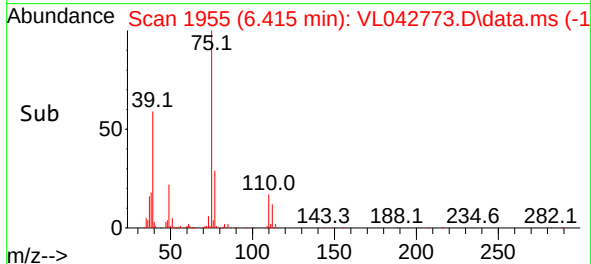
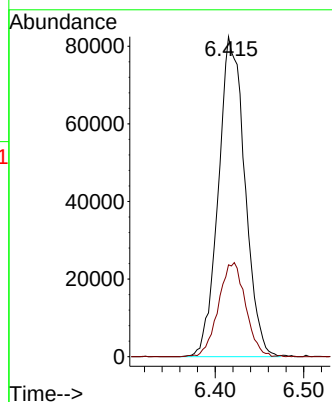
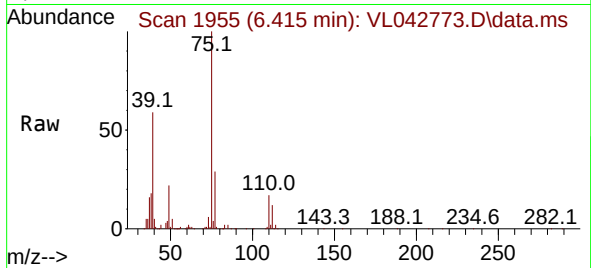




#45
 t-1,3-Dichloropropene
 Concen: 11.304 ppbv
 RT: 6.415 min Scan# 1954
 Delta R.T. 0.003 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

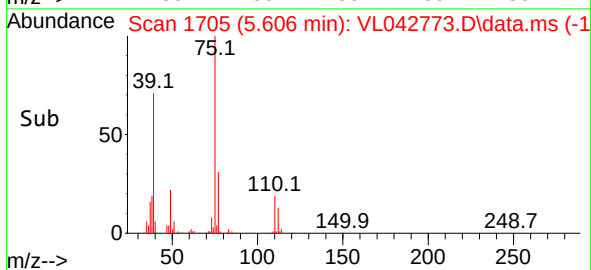
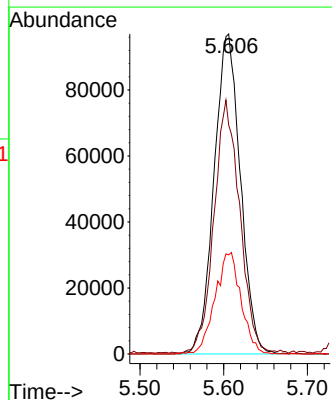
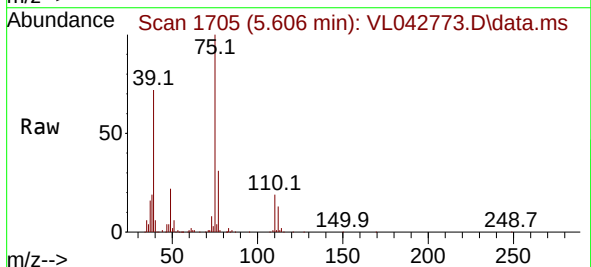
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

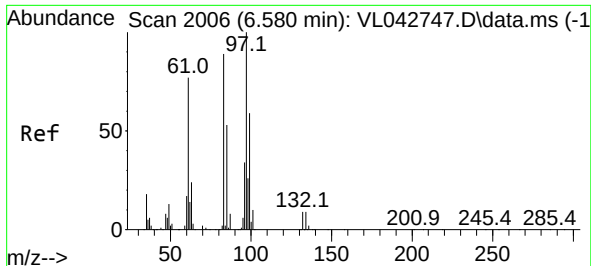
Tgt Ion: 75 Resp: 171240
 Ion Ratio Lower Upper
 75 100
 77 28.7 22.4 33.6



#46
 cis-1,3-Dichloropropene
 Concen: 11.028 ppbv
 RT: 5.606 min Scan# 1705
 Delta R.T. 0.010 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

Tgt Ion: 75 Resp: 211694
 Ion Ratio Lower Upper
 75 100
 39 71.2 60.2 90.2
 77 30.9 22.6 34.0

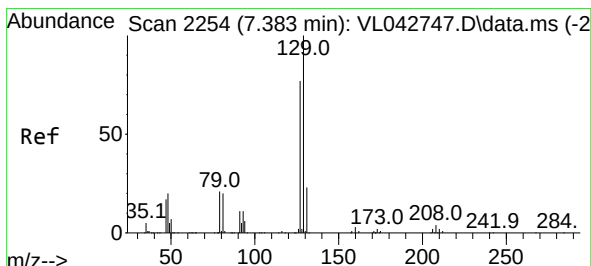
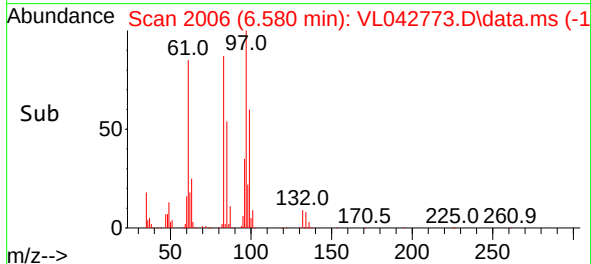
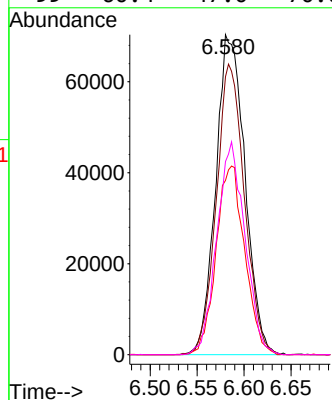
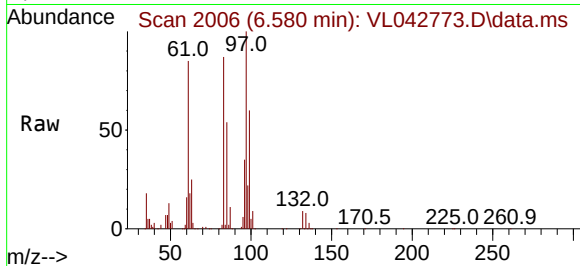




#47
1,1,2-Trichloroethane
Concen: 10.161 ppbv
RT: 6.580 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

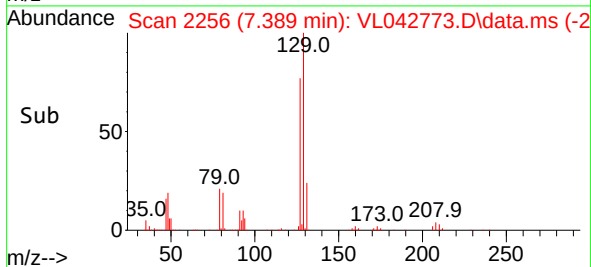
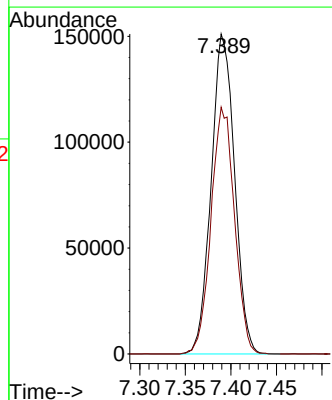
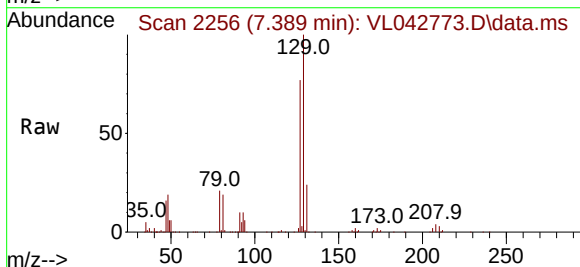
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

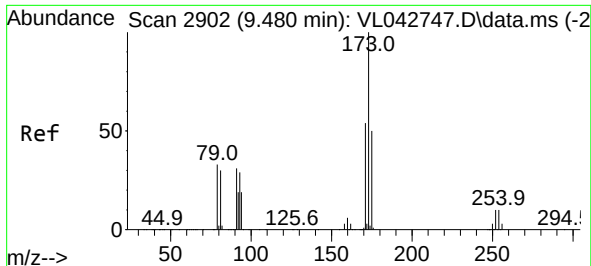
Tgt Ion: 97 Resp: 151959
Ion Ratio Lower Upper
97 100
83 86.8 71.1 106.7
85 54.5 43.0 64.4
99 60.4 47.0 70.6



#48
Dibromochloromethane
Concen: 11.373 ppbv
RT: 7.389 min Scan# 2256
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 129 Resp: 269997
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1





#49

Bromoform

Concen: 11.409 ppbv

RT: 9.487 min Scan# 2902

Delta R.T. 0.006 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

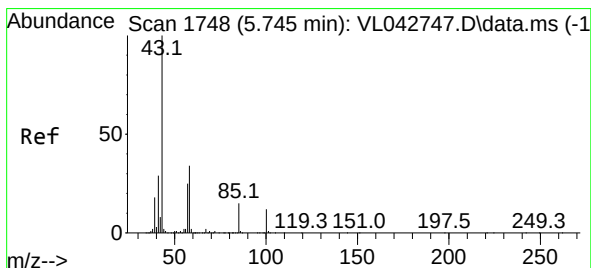
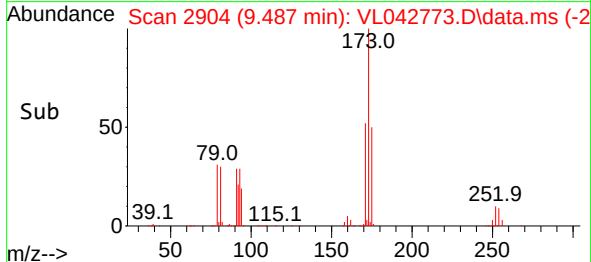
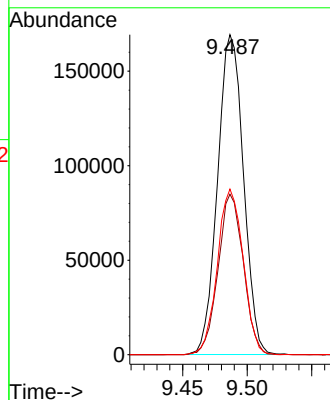
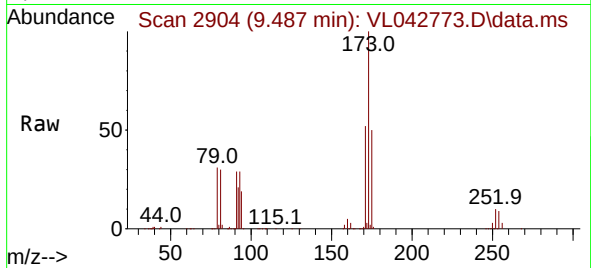
Tgt Ion:173 Resp: 236181

Ion Ratio Lower Upper

173 100

175 48.9 38.4 57.6

171 51.5 40.9 61.3



#50

4-Methyl-2-Pentanone

Concen: 10.839 ppbv

RT: 5.755 min Scan# 1751

Delta R.T. 0.010 min

Lab File: VL042773.D

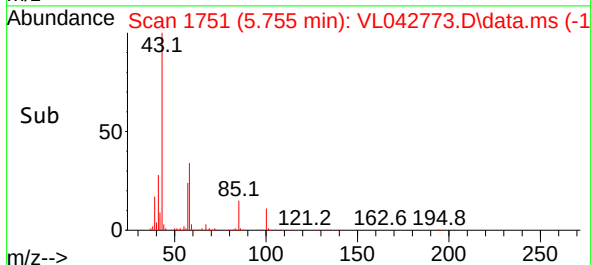
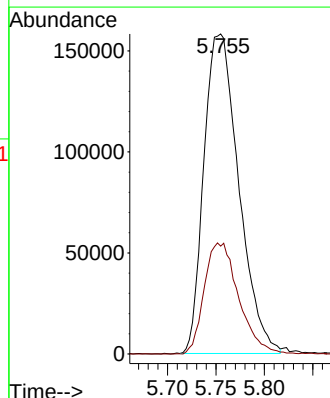
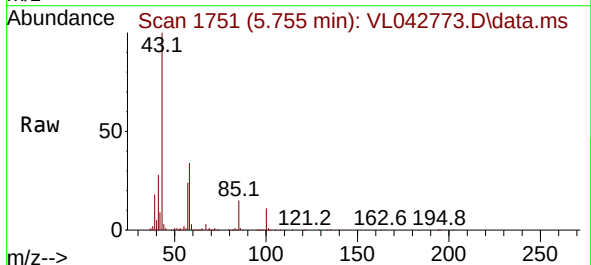
Acq: 29 Jul 2025 08:28

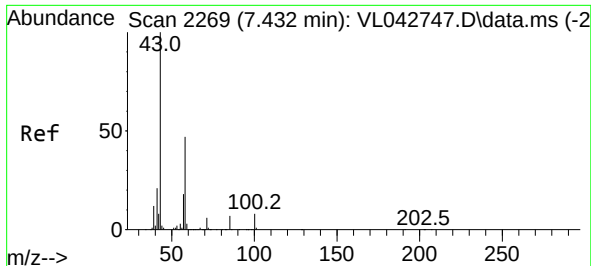
Tgt Ion: 43 Resp: 396599

Ion Ratio Lower Upper

43 100

58 34.4 27.8 41.8

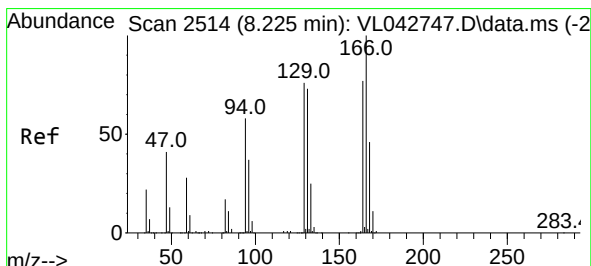
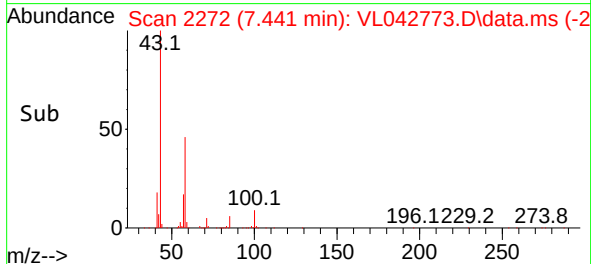
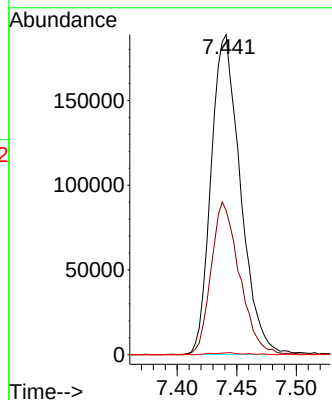
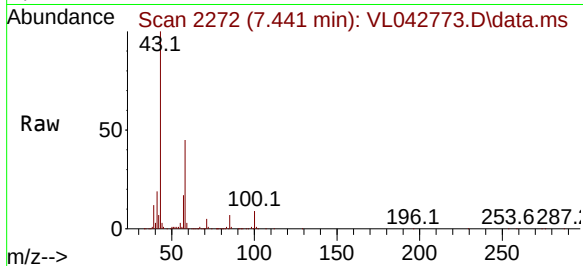




#51
2-Hexanone
Concen: 11.660 ppbv
RT: 7.441 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

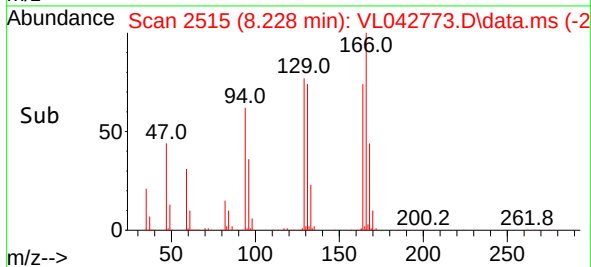
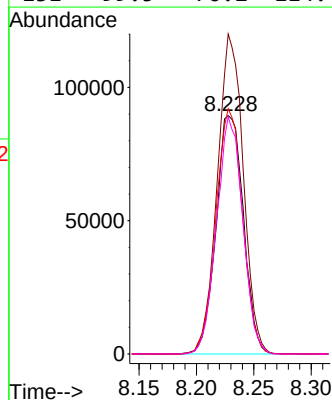
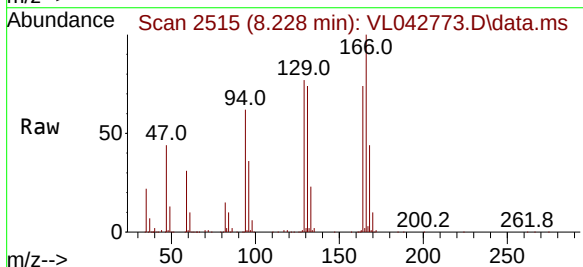
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

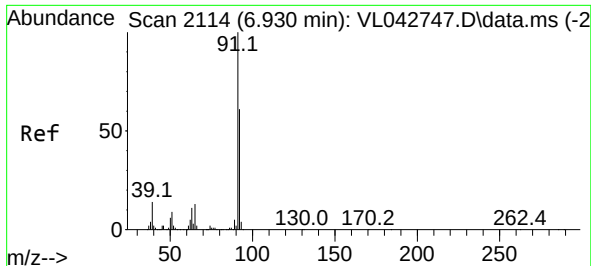
Tgt Ion: 43 Resp: 322404
Ion Ratio Lower Upper
43 100
58 46.8 38.0 57.0
98 0.7 0.2 0.4#



#52
Tetrachloroethene
Concen: 9.417 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 164 Resp: 148349
Ion Ratio Lower Upper
164 100
166 134.3 104.0 156.0
129 102.9 79.2 118.8
131 99.5 76.2 114.4

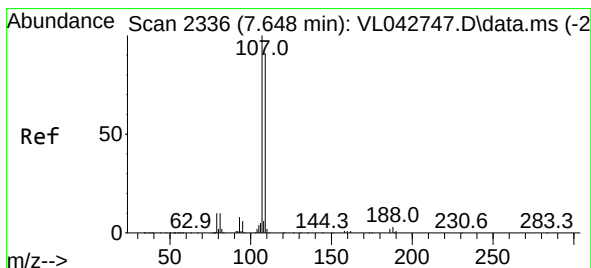
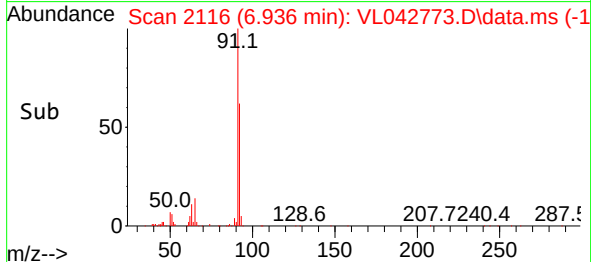
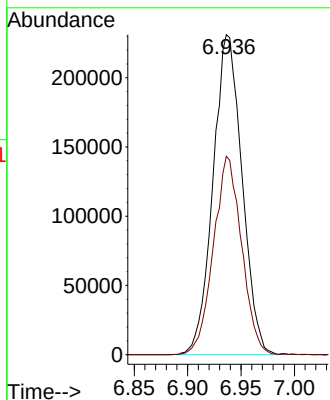
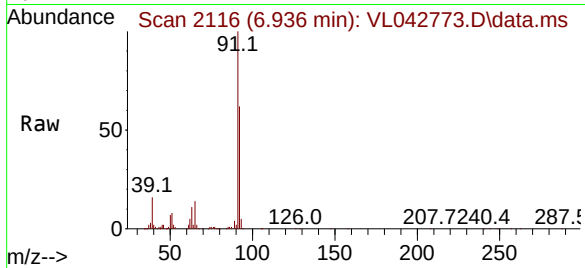




#53
Toluene
Concen: 10.708 ppbv
RT: 6.936 min Scan# 2114
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

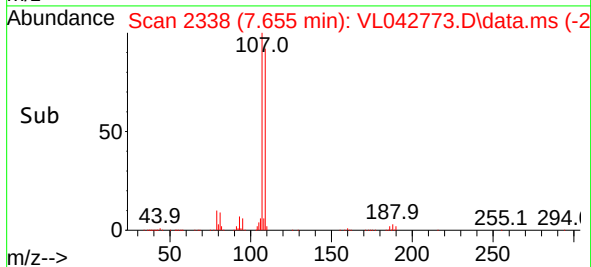
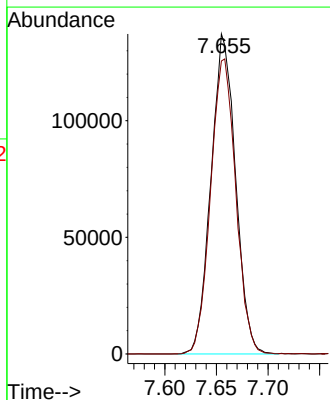
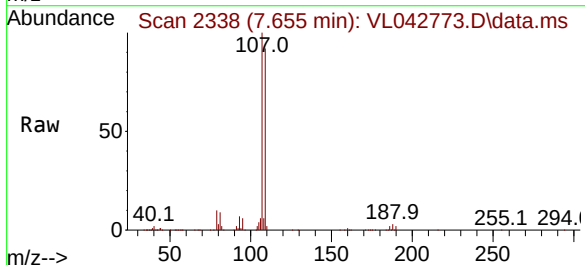
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

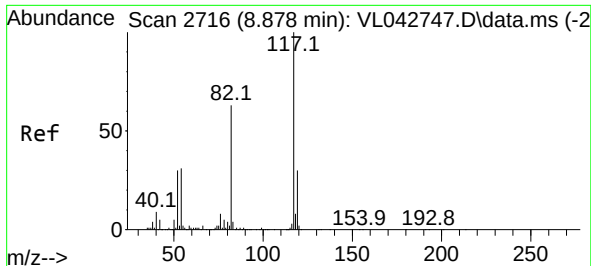
Tgt Ion: 91 Resp: 437014
Ion Ratio Lower Upper
91 100
92 60.2 48.0 72.0



#54
1,2-Dibromoethane
Concen: 10.750 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 107 Resp: 227138
Ion Ratio Lower Upper
107 100
109 91.5 72.7 109.1

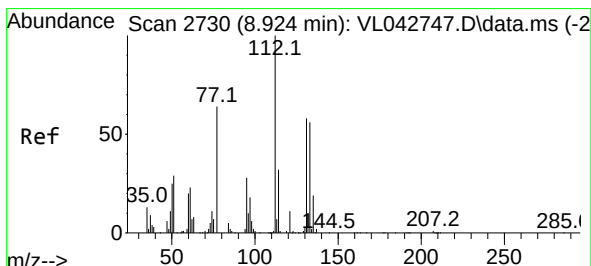
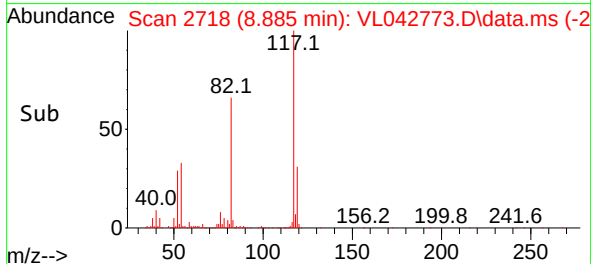
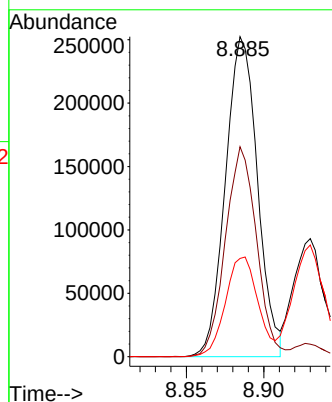
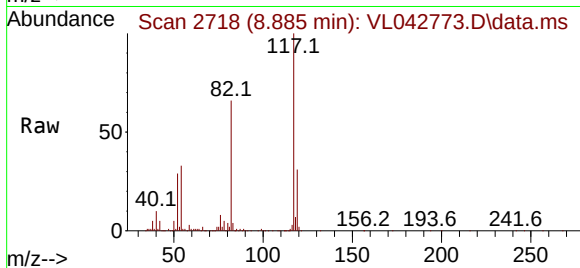




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

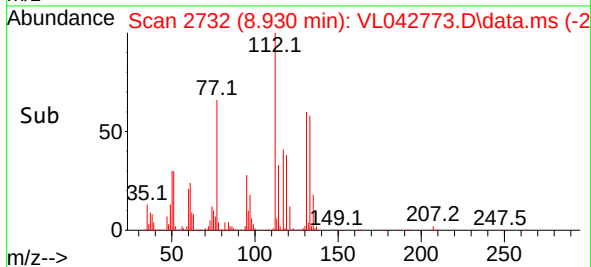
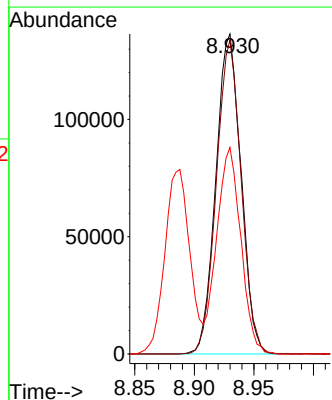
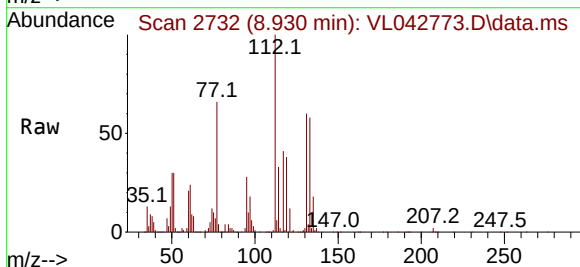
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

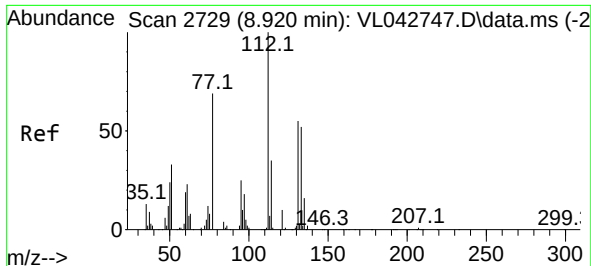
Tgt Ion:117 Resp: 363840
Ion Ratio Lower Upper
117 100
82 67.6 53.3 79.9
119 31.8 25.8 38.6



#56
1,1,1,2-Tetrachloroethane
Concen: 10.570 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion:131 Resp: 199954
Ion Ratio Lower Upper
131 100
133 96.4 76.8 115.2
119 63.2 49.7 74.5

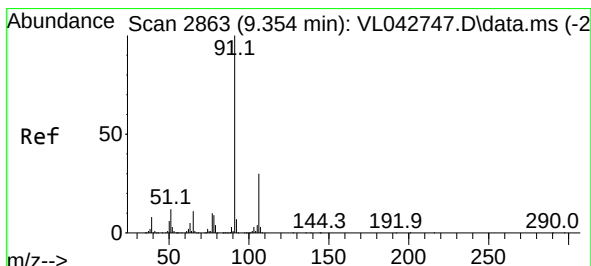
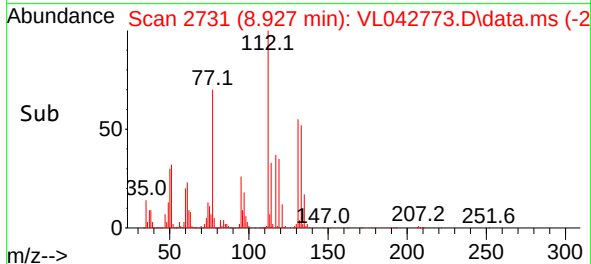
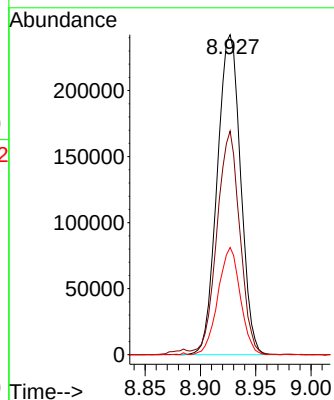
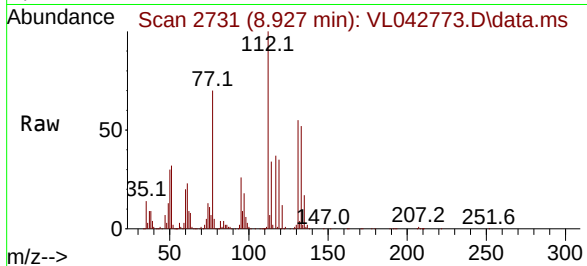




#57
Chlorobenzene
Concen: 10.122 ppbv
RT: 8.927 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

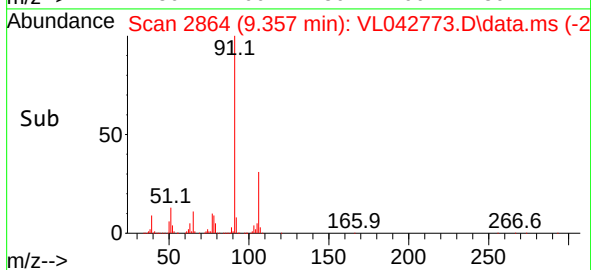
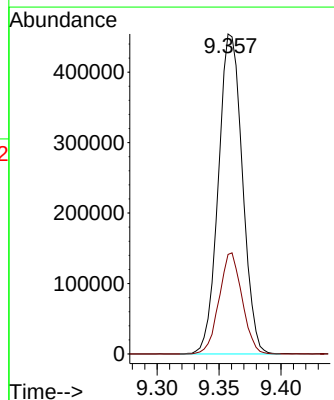
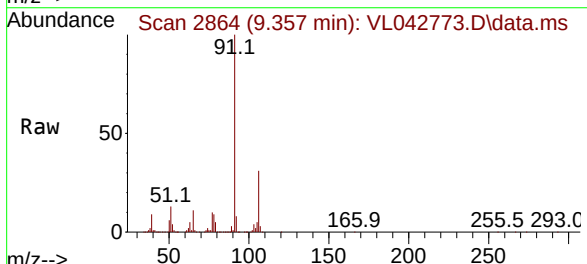
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

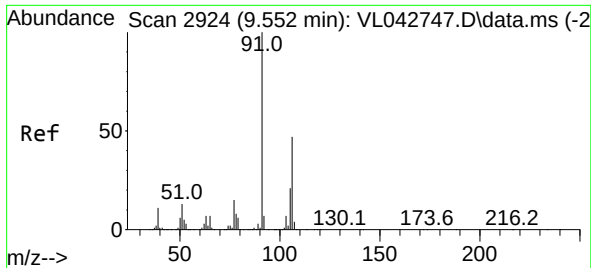
Tgt Ion:112 Resp: 356427
Ion Ratio Lower Upper
112 100
77 69.9 56.4 84.6
114 33.5 31.2 38.2



#58
Ethyl Benzene
Concen: 10.685 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 91 Resp: 613946
Ion Ratio Lower Upper
91 100
106 31.1 23.8 35.6





#59

m/p-Xylene

Concen: 10.825 ppbv

RT: 9.555 min Scan# 2924

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_1

ClientSampleId :

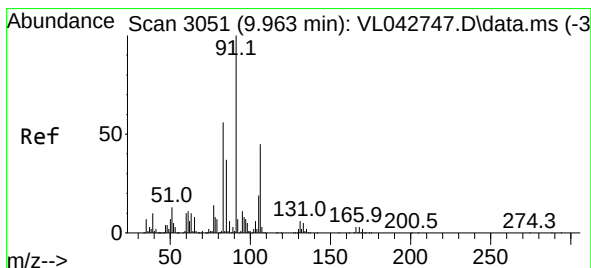
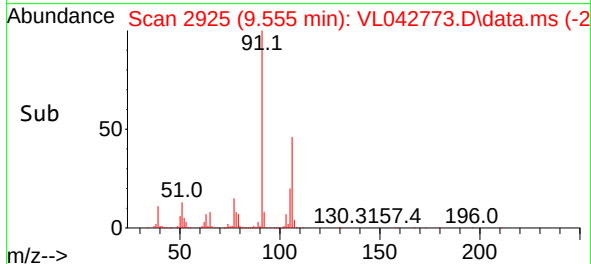
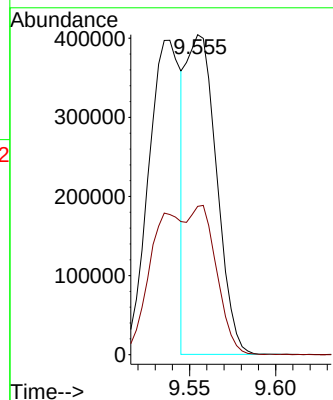
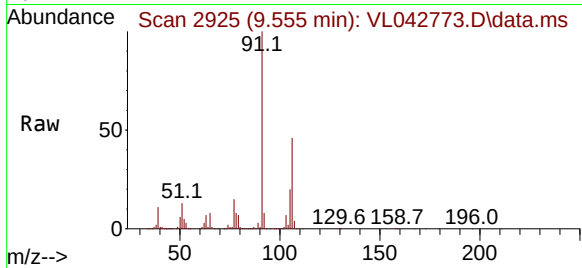
VSTDCCC010

Tgt Ion: 91 Resp: 497089

Ion Ratio Lower Upper

91 100

106 93.7 37.4 56.2#



#60

o-Xylene

Concen: 10.926 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VL042773.D

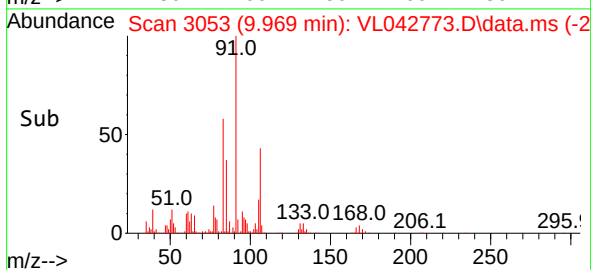
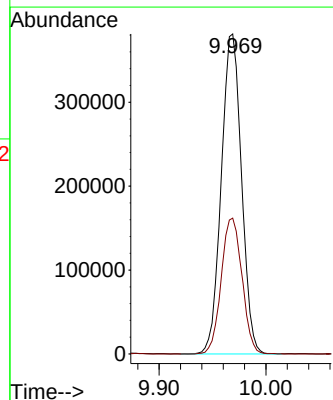
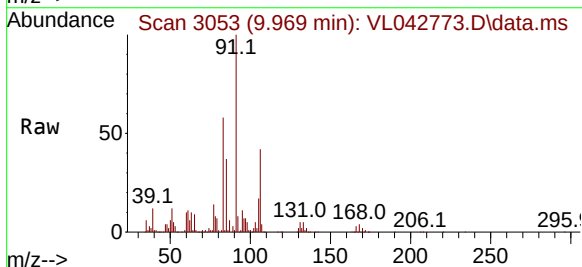
Acq: 29 Jul 2025 08:28

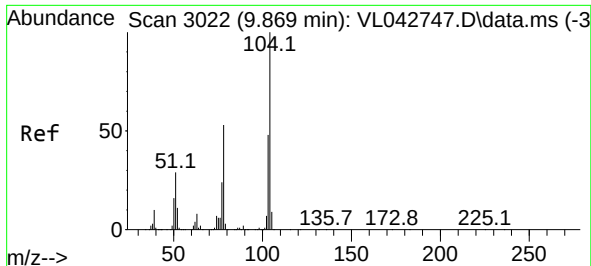
Tgt Ion: 91 Resp: 501341

Ion Ratio Lower Upper

91 100

106 43.6 22.0 66.0

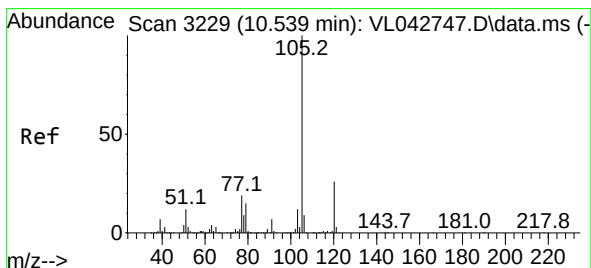
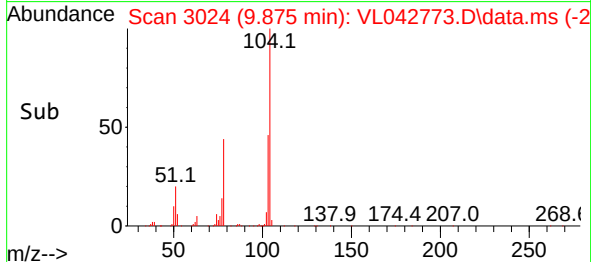
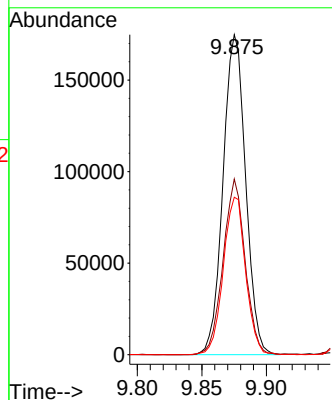
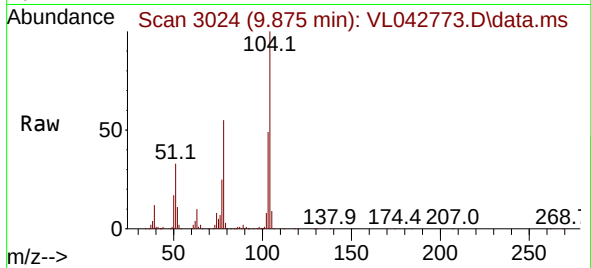




#61
Styrene
Concen: 11.021 ppbv
RT: 9.875 min Scan# 3022
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

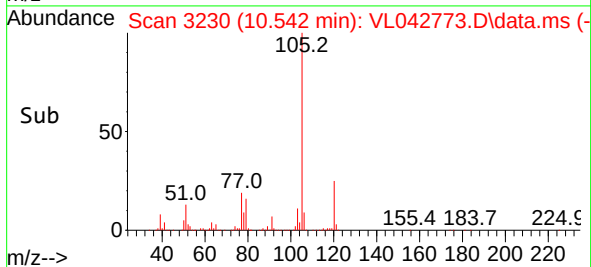
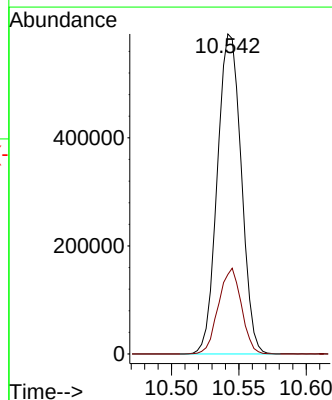
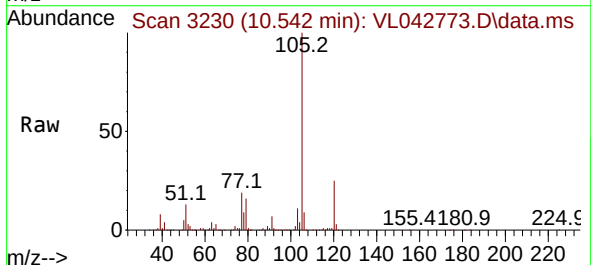
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

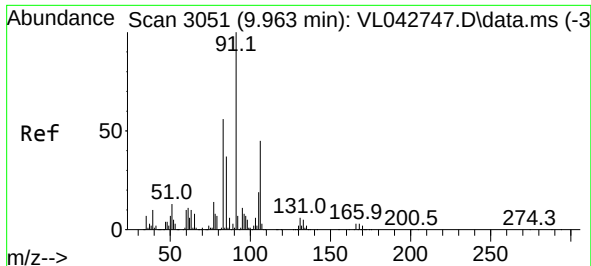
Tgt Ion:104 Resp: 212719
Ion Ratio Lower Upper
104 100
78 53.5 41.5 62.3
103 48.6 37.5 56.3



#62
Isopropylbenzene
Concen: 10.793 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion:105 Resp: 730477
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7

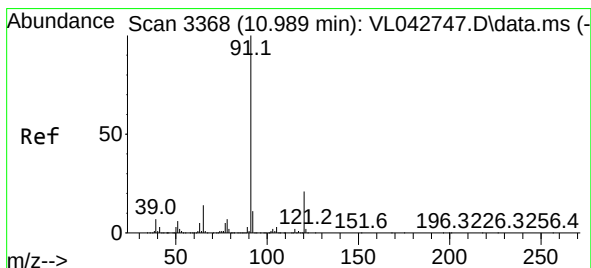
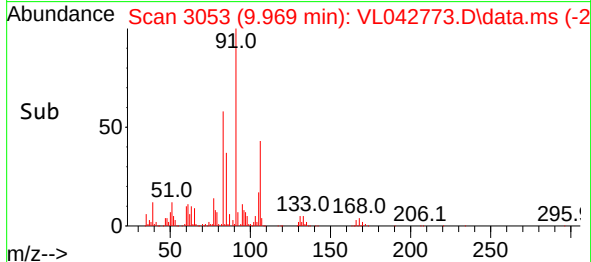
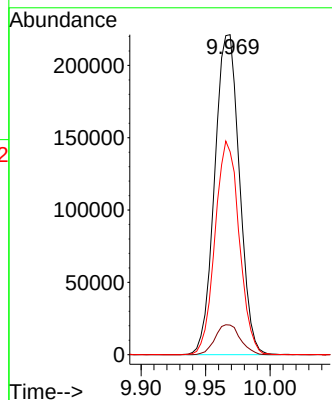
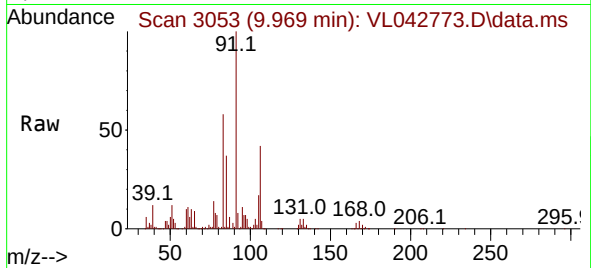




#63
 1,1,2-Tetrachloroethane
 Concen: 9.998 ppbv
 RT: 9.969 min Scan# 3051
 Delta R.T. 0.006 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

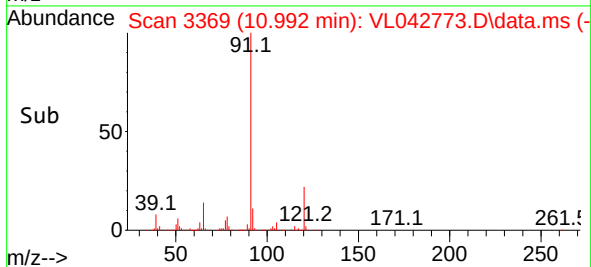
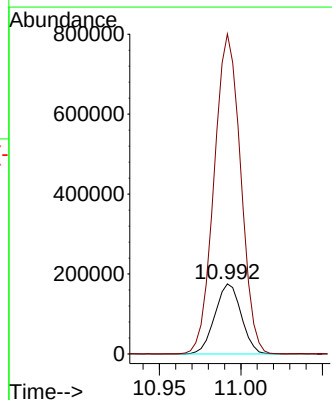
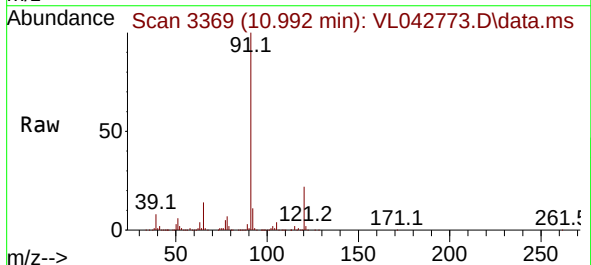
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

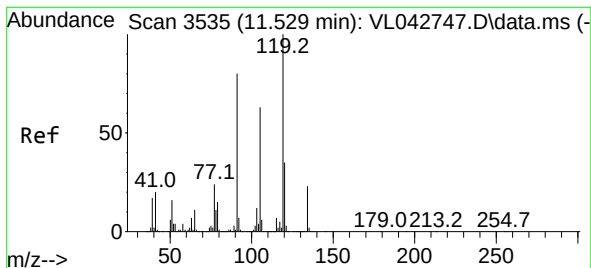
Tgt Ion: 83 Resp: 294522
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.0 15.0
 85 65.1 32.6 97.7



#64
 n-propylbenzene
 Concen: 11.132 ppbv
 RT: 10.992 min Scan# 3369
 Delta R.T. 0.003 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

Tgt Ion: 120 Resp: 196430
 Ion Ratio Lower Upper
 120 100
 91 461.9 372.7 559.1

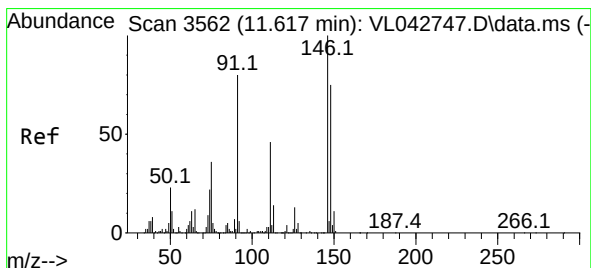
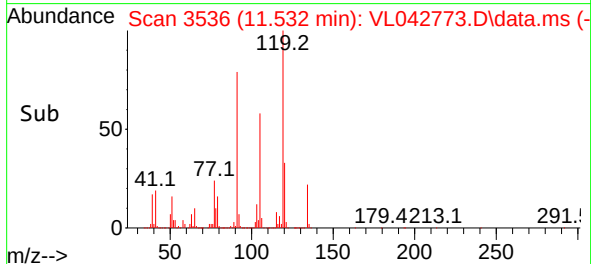
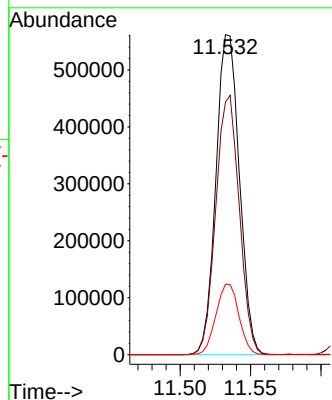
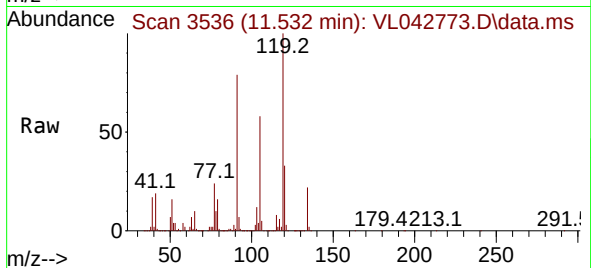




#65
tert-Butylbenzene
Concen: 10.868 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

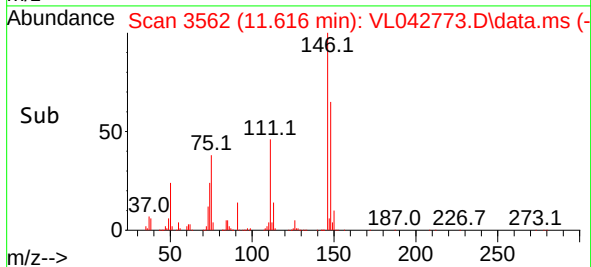
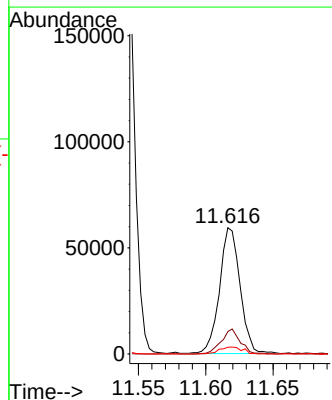
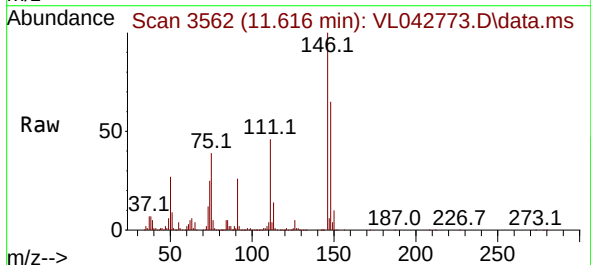
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

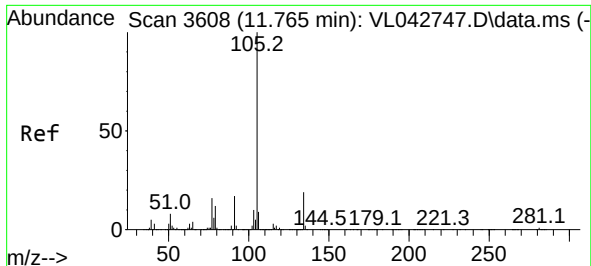
Tgt Ion:119 Resp: 653373
Ion Ratio Lower Upper
119 100
91 81.1 64.0 96.0
134 21.5 17.3 25.9



#66
Benzyl Chloride
Concen: 12.771 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 91 Resp: 63028
Ion Ratio Lower Upper
91 100
126 18.5 14.4 21.6
128 6.2 5.2 7.8

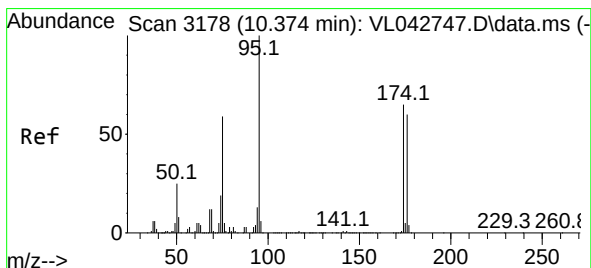
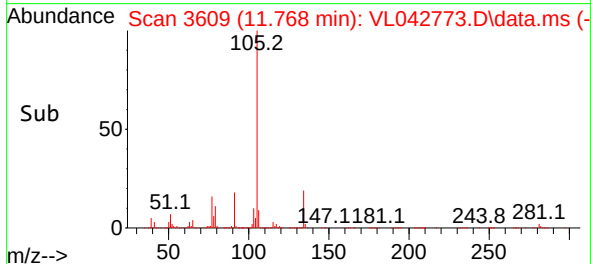
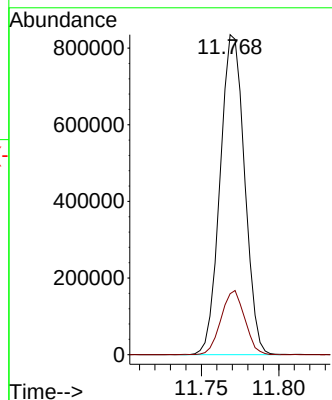
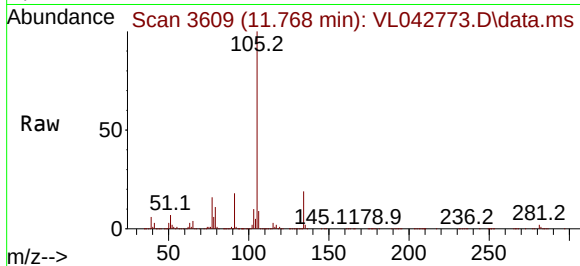




#67
 sec-Butylbenzene
 Concen: 10.727 ppbv
 RT: 11.768 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

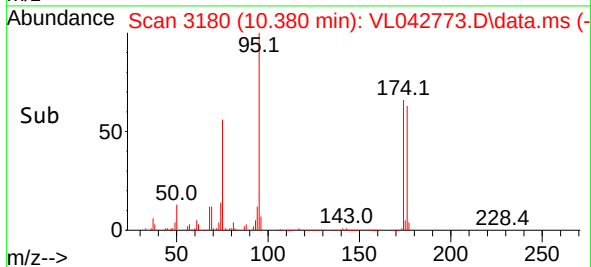
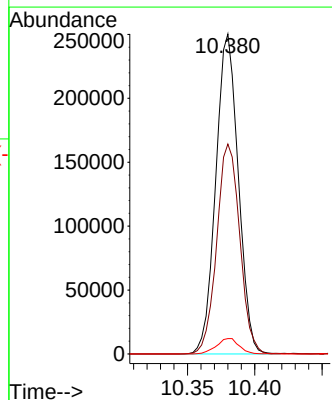
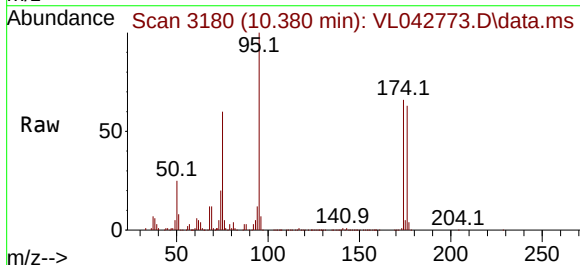
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

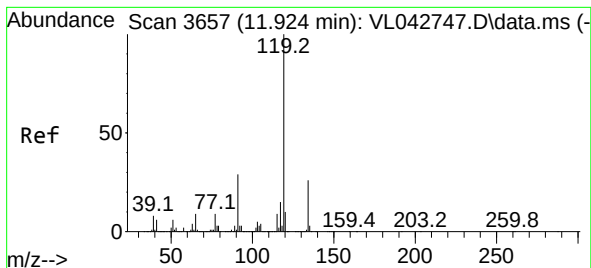
Tgt Ion:105 Resp: 917197
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.108 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.006 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

Tgt Ion: 95 Resp: 291247
 Ion Ratio Lower Upper
 95 100
 174 67.2 53.8 80.6
 175 4.9 4.0 6.0





#69

p-Isopropyltoluene

Concen: 11.249 ppbv

RT: 11.927 min Scan# 3657

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

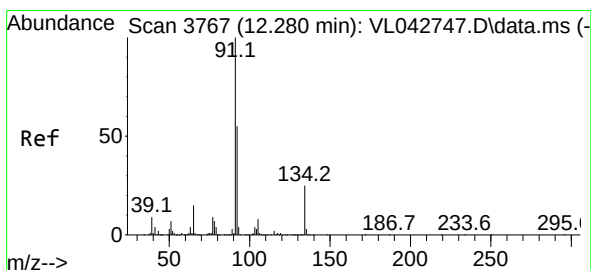
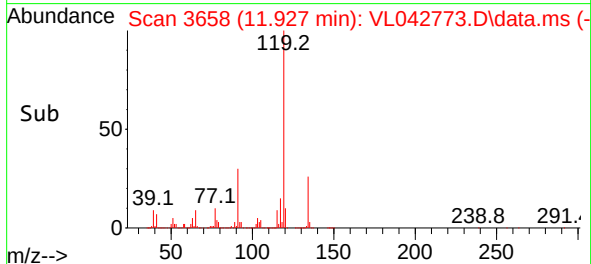
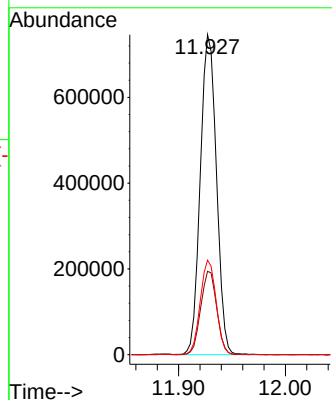
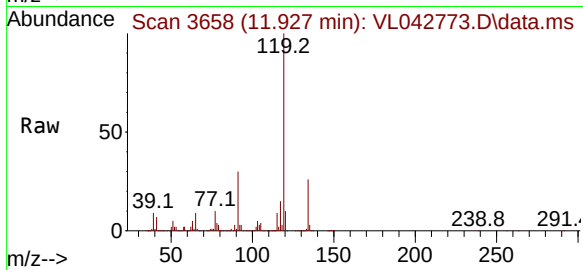
Tgt Ion:119 Resp: 784325

Ion Ratio Lower Upper

119 100

134 25.8 20.6 31.0

91 29.1 23.2 34.8



#70

n-Butylbenzene

Concen: 11.937 ppbv

RT: 12.283 min Scan# 3768

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

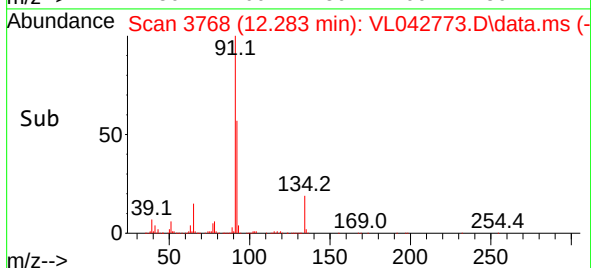
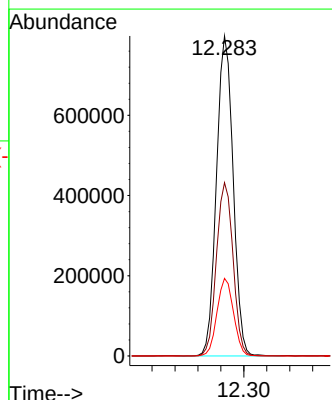
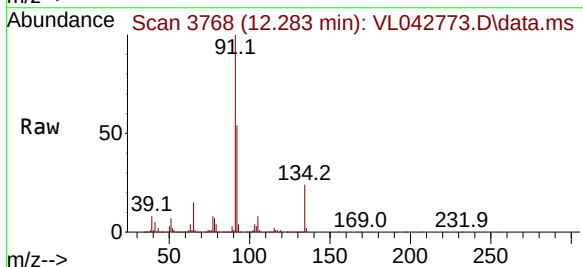
Tgt Ion: 91 Resp: 803938

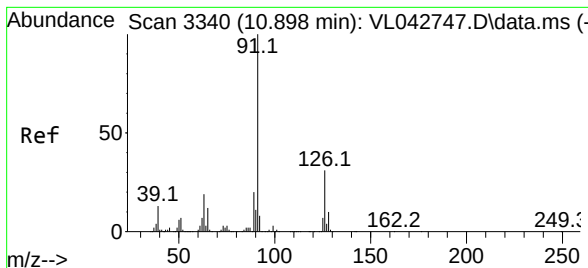
Ion Ratio Lower Upper

91 100

92 54.2 43.4 65.2

134 24.1 19.6 29.4

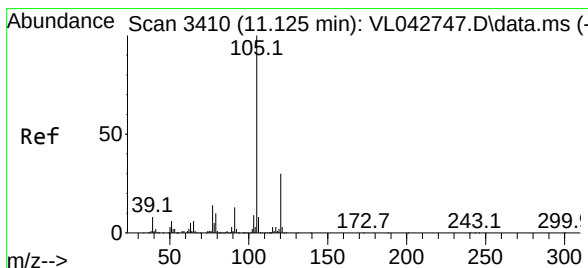
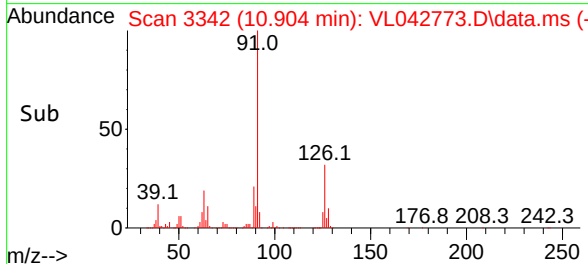
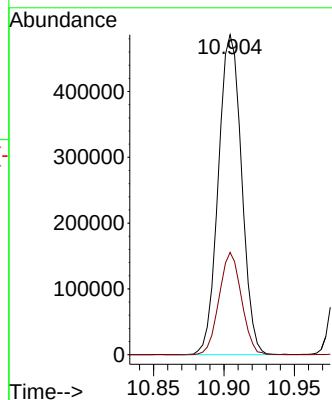
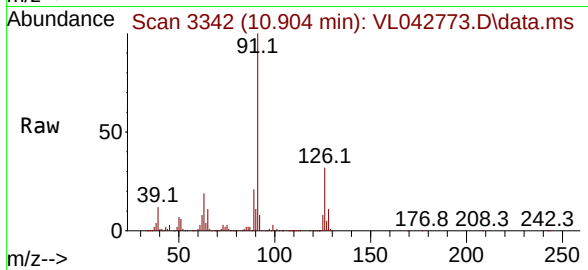




#71
2-Chlorotoluene
Concen: 10.755 ppbv
RT: 10.904 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

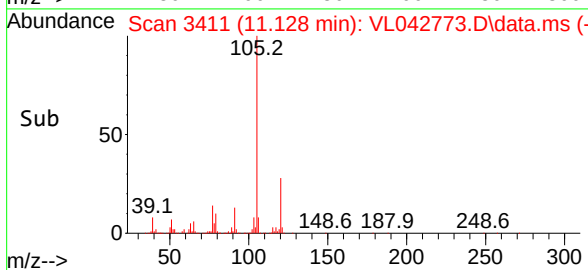
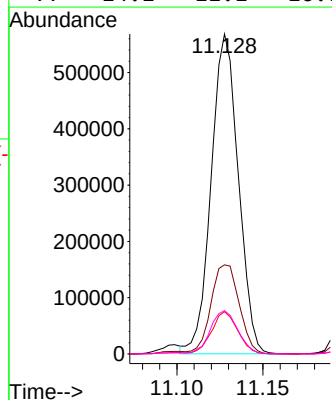
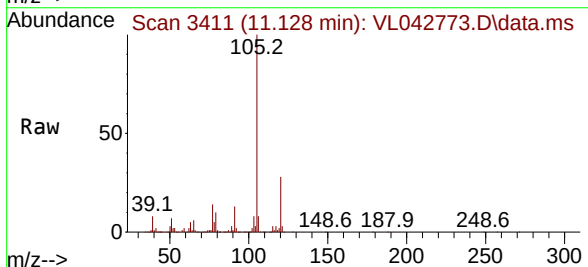
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

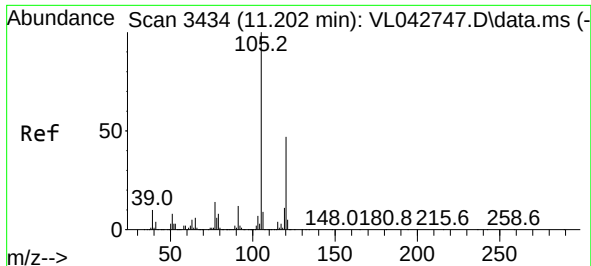
Tgt Ion: 91 Resp: 558173
Ion Ratio Lower Upper
91 100
126 30.7 12.0 48.2



#72
4-Ethyltoluene
Concen: 11.407 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 105 Resp: 625088
Ion Ratio Lower Upper
105 100
120 29.7 24.4 36.6
91 13.1 10.6 15.8
77 14.1 11.1 16.7

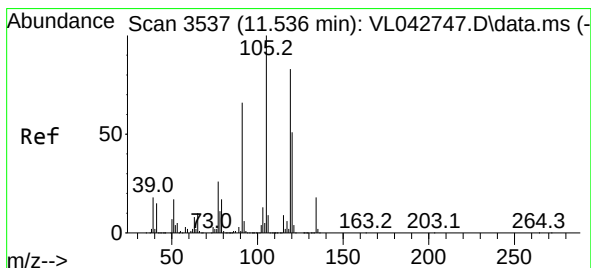
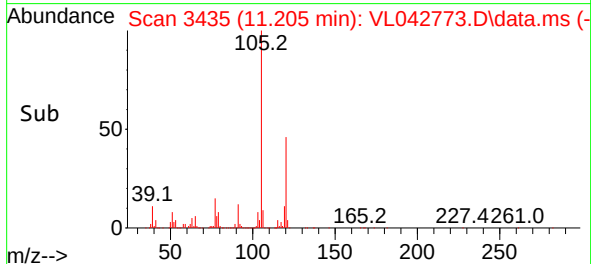
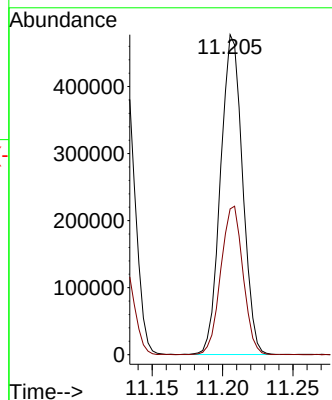
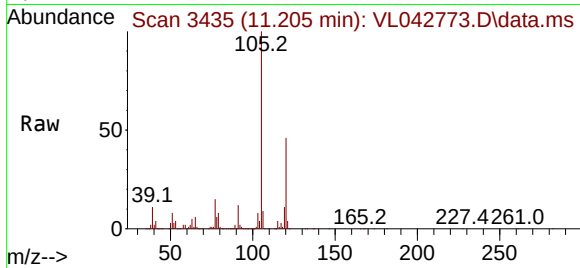




#73
1,3,5-Trimethylbenzene
Concen: 11.504 ppbv
RT: 11.205 min Scan# 34
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

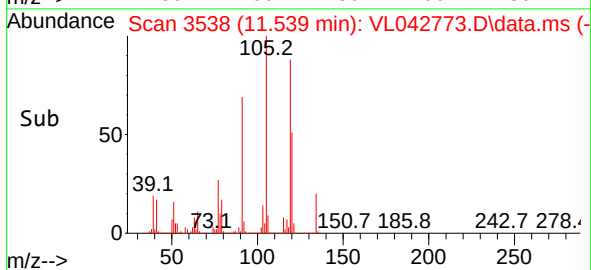
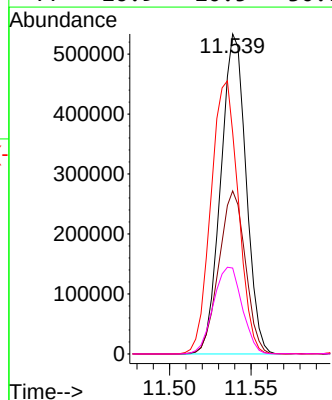
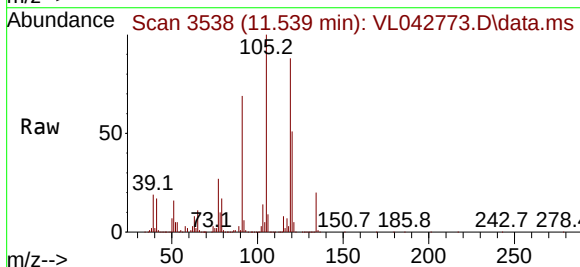
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

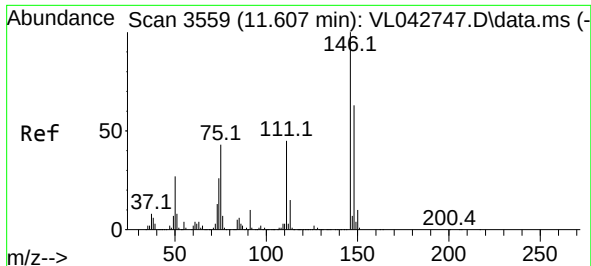
Tgt Ion:105 Resp: 519009
Ion Ratio Lower Upper
105 100
120 45.5 37.8 56.8



#74
1,2,4-Trimethylbenzene
Concen: 11.651 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion:105 Resp: 573490
Ion Ratio Lower Upper
105 100
120 50.9 40.8 61.2
91 69.1 53.0 79.4
77 26.9 20.5 30.7

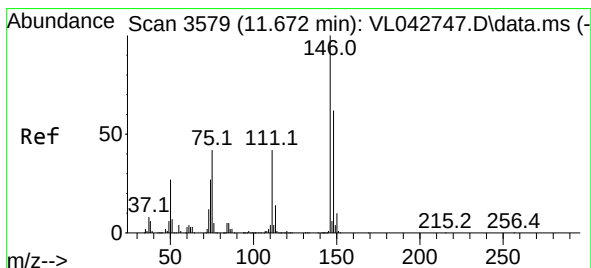
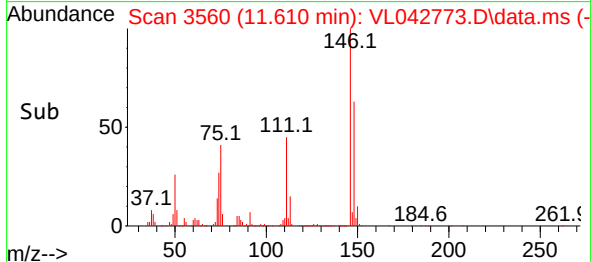
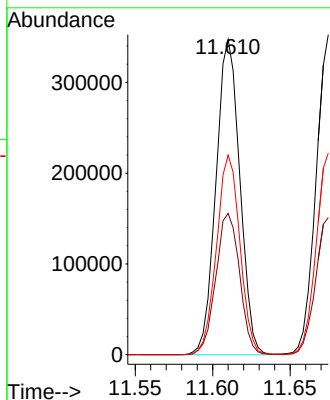
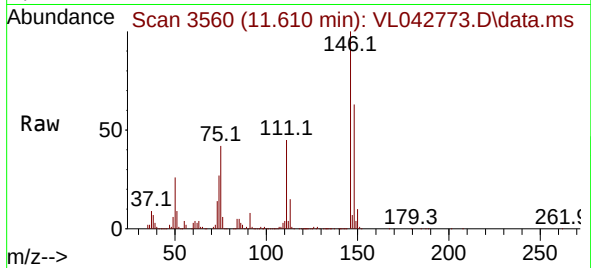




#75
1,3-Dichlorobenzene
Concen: 10.761 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

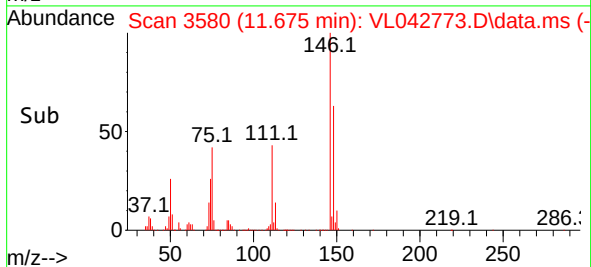
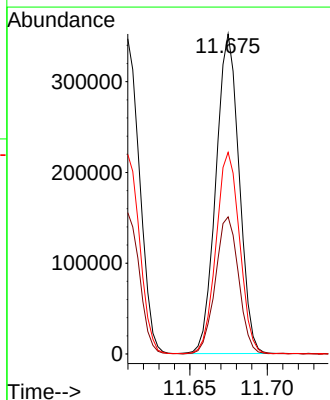
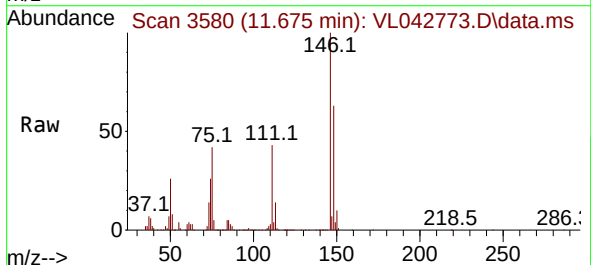
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

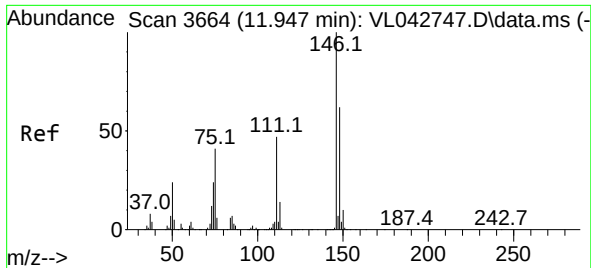
Tgt Ion:146 Resp: 371336
Ion Ratio Lower Upper
146 100
111 44.9 22.7 68.0
148 62.1 31.9 95.5



#76
1,4-Dichlorobenzene
Concen: 10.874 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion:146 Resp: 367182
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.2
148 64.3 32.1 96.3





#77

1,2-Dichlorobenzene

Concen: 10.473 ppbv

RT: 11.950 min Scan# 3

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

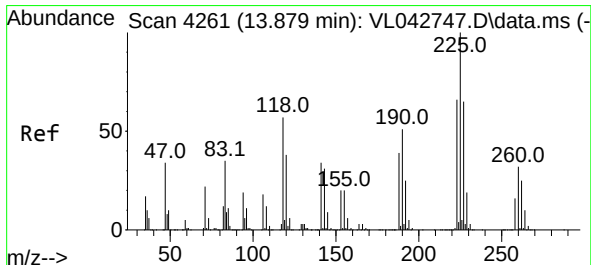
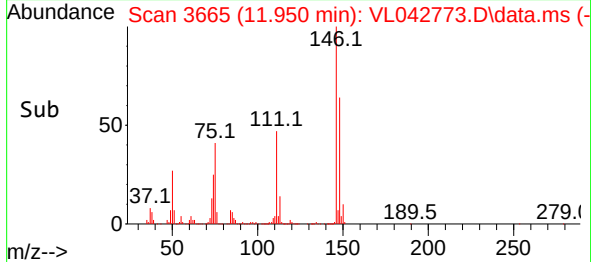
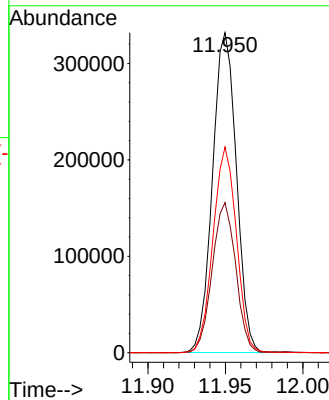
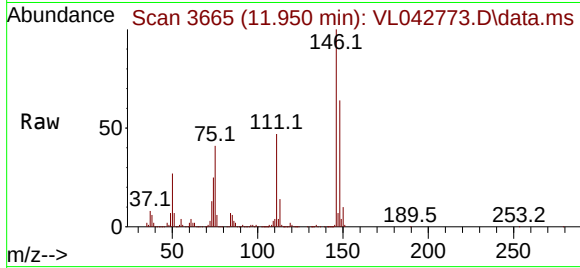
Tgt Ion:146 Resp: 355188

Ion Ratio Lower Upper

146 100

111 46.4 23.7 71.1

148 63.4 32.6 97.7



#78

Hexachloro-1,3-Butadiene

Concen: 9.540 ppbv

RT: 13.882 min Scan# 4262

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

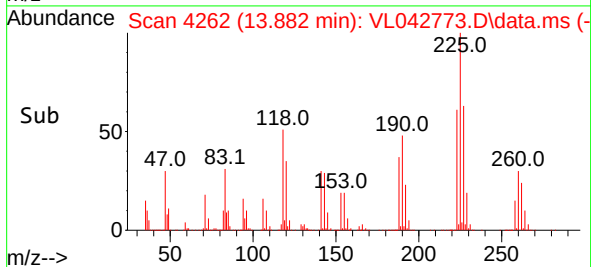
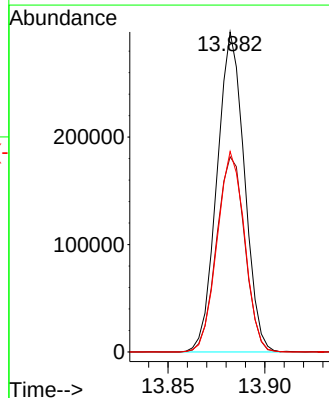
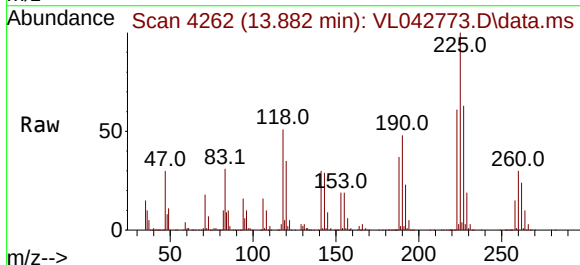
Tgt Ion:225 Resp: 292858

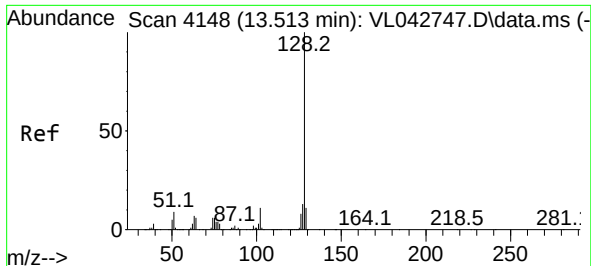
Ion Ratio Lower Upper

225 100

223 63.2 50.7 76.1

227 62.9 50.5 75.7

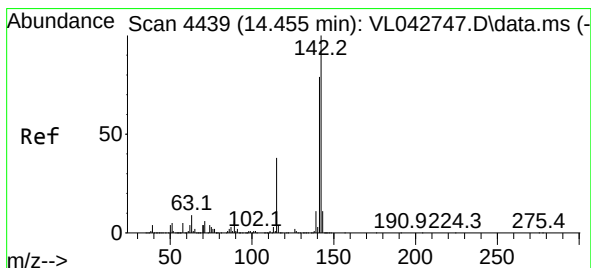
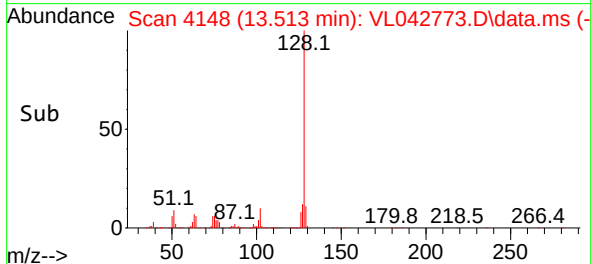
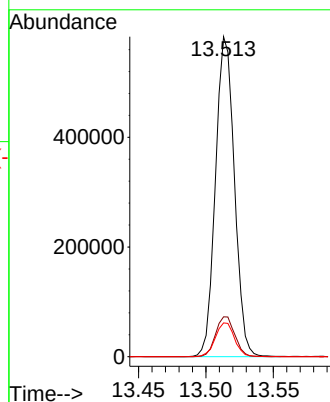
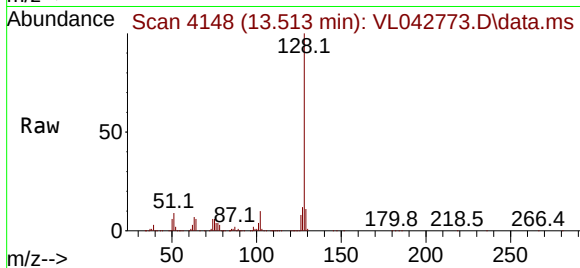




#79
Naphthalene
Concen: 10.659 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

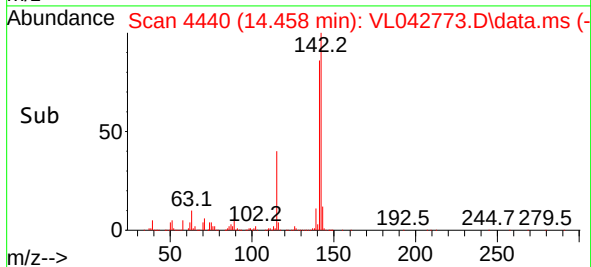
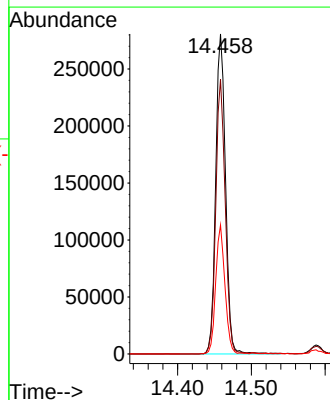
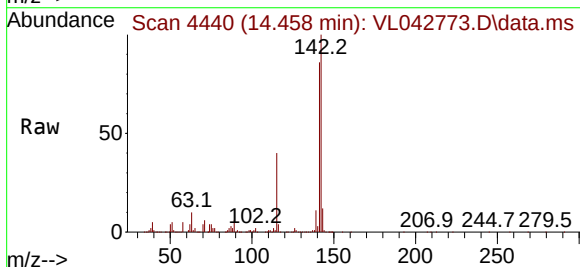
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

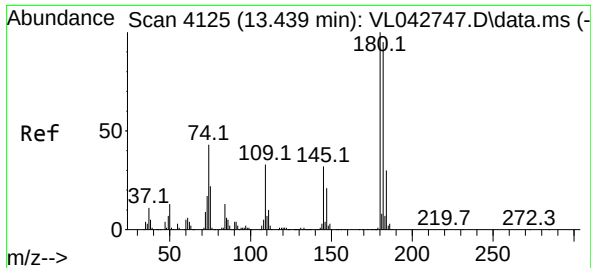
Tgt Ion:128 Resp: 570905
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.5 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 9.687 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion:142 Resp: 257656
Ion Ratio Lower Upper
142 100
141 83.2 65.8 98.8
115 38.1 31.2 46.8





#81

1,2,4-Trichlorobenzene

Concen: 10.749 ppbv

RT: 13.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042773.D

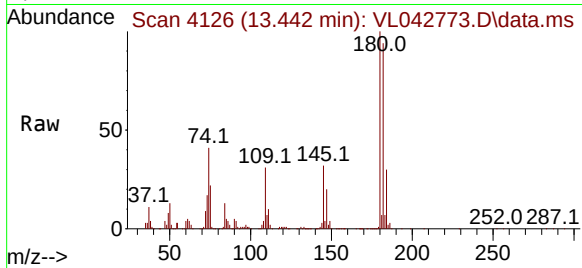
Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 323672

Ion Ratio Lower Upper

180 100

182 94.3 76.2 114.2

184 30.2 24.8 37.2

