

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061625\
 Data File : VL042622.D
 Acq On : 16 Jun 2025 08:54
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jun 17 03:02:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	107738	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	288897	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	262507	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	204239	10.379	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	134876	10.186	ppbv	99
3) Chlorodifluoromethane	1.476	51	175470	9.622	ppbv	99
4) Chloromethane	1.531	50	50995	9.725	ppbv	99
5) Vinyl Chloride	1.580	62	47957	8.978	ppbv	99
6) Bromomethane	1.667	94	23512	9.044	ppbv	96
7) Chloroethane	1.703	64	19501	9.396	ppbv	90
8) Dichlorotetrafluoroethane	1.554	85	110938	10.055	ppbv	99
9) Propene	1.483	41	68245	9.292	ppbv	98
10) Heptane	4.975	43	194603	9.400	ppbv	99
11) Trichlorofluoromethane	1.877	101	138650	11.254	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.140	101	107550	11.117	ppbv	97
13) Ethanol	1.719	45	5413	6.185	ppbv	89
14) Bromoethene	1.780	108	38645	10.620	ppbv	97
15) Acetone	1.835	43	116520	8.979	ppbv	97
16) 1,3-Butadiene	1.609	39	57252	9.313	ppbv	96
17) tert-Butyl alcohol	2.039	59	139063	10.286	ppbv	100
18) 1,1-Dichloroethene	2.033	96	47387	10.568	ppbv	96
19) Isopropyl Alcohol	1.884	45	73508	9.475	ppbv	97
20) Methylene Chloride	2.062	84	39938	9.326	ppbv	95
21) Allyl Chloride	2.094	41	91238	9.964	ppbv	96
22) trans-1,2-Dichloroethene	2.340	96	52863	10.554	ppbv	99
23) Vinyl Acetate	2.460	43	215190	12.267	ppbv #	98
24) 1,1-Dichloroethane	2.408	63	107798	10.460	ppbv	99
25) Ethyl Acetate	2.832	43	347073	9.773	ppbv	99
26) Hexane	2.823	57	150675	9.337	ppbv	97
27) Carbon Disulfide	2.149	76	135326	10.923	ppbv #	91
28) Methyl tert-Butyl Ether	2.437	73	67524	10.311	ppbv	97
29) Chloroform	2.848	83	215284	10.259	ppbv	99
30) Cyclohexane	3.855	84	122368	9.147	ppbv	97
31) cis-1,2-Dichloroethene	2.719	61	146273	9.909	ppbv	97
32) 1,1,1-Trichloroethane	3.366	97	210503	9.818	ppbv	98
34) 2-Butanone	2.554	43	228811	11.106	ppbv	100
35) Carbon Tetrachloride	3.761	117	212075	11.120	ppbv	100
36) Benzene	3.654	78	301626	10.602	ppbv	99
37) 1,2-Dichloroethane	3.217	62	164738	11.651	ppbv	98
38) Trichloroethene	4.544	130	121690	10.063	ppbv	94
39) 1,2-Dichloropropane	4.311	63	109074	10.368	ppbv	97
40) 1,4-Dioxane	4.577	88	48153	10.229	ppbv #	98
41) Tetrahydrofuran	3.052	42	125788	10.430	ppbv	99
42) Bromodichloromethane	4.486	83	236809	11.792	ppbv	98
43) Methyl Methacrylate	4.875	69	115983	10.504	ppbv	98
44) 2,2,4-Trimethylpentane	4.638	57	508749	10.455	ppbv	98
45) t-1,3-Dichloropropene	6.412	75	133838	10.592	ppbv	95

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 Data File : VL042622.D
 Acq On : 16 Jun 2025 08:54
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

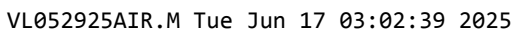
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

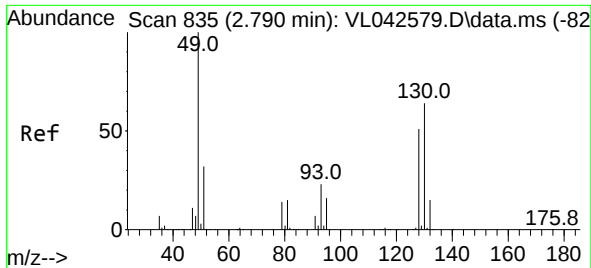
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.596	75	168729	10.657	ppbv	94
47) 1,1,2-Trichloroethane	6.577	97	117073	10.750	ppbv	93
48) Dibromochloromethane	7.383	129	189133	10.848	ppbv	99
49) Bromoform	9.484	173	162032	10.771	ppbv	99
50) 4-Methyl-2-Pentanone	5.745	43	305302	10.684	ppbv	100
51) 2-Hexanone	7.432	43	244283	10.778	ppbv #	97
52) Tetrachloroethene	8.221	164	103159	9.704	ppbv	98
53) Toluene	6.930	91	337532	10.265	ppbv	99
54) 1,2-Dibromoethane	7.652	107	173642	10.772	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.924	131	140969	10.680	ppbv	96
57) Chlorobenzene	8.920	112	257844	10.116	ppbv	95
58) Ethyl Benzene	9.354	91	465413	10.452	ppbv	96
59) m/p-Xylene	9.532	91	400220	11.421	ppbv #	29
60) o-Xylene	9.963	91	368739	10.551	ppbv	98
61) Styrene	9.872	104	167379	10.130	ppbv	99
62) Isopropylbenzene	10.539	105	537202	10.405	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	234954	10.572	ppbv	99
64) n-propylbenzene	10.989	120	141307	10.210	ppbv	94
65) tert-Butylbenzene	11.532	119	469685	10.024	ppbv	96
66) Benzyl Chloride	11.617	91	58077	9.630	ppbv	98
67) sec-Butylbenzene	11.769	105	670092	10.172	ppbv	98
69) p-Isopropyltoluene	11.924	119	553909	10.041	ppbv	99
70) n-Butylbenzene	12.280	91	570539	10.478	ppbv	98
71) 2-Chlorotoluene	10.901	91	410506	10.423	ppbv	98
72) 4-Ethyltoluene	11.125	105	453022	10.397	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	375736	10.419	ppbv	98
74) 1,2,4-Trimethylbenzene	11.536	105	410308	10.253	ppbv #	90
75) 1,3-Dichlorobenzene	11.607	146	255878	10.182	ppbv	100
76) 1,4-Dichlorobenzene	11.672	146	256373	10.228	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	239527	9.820	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	181205	8.979	ppbv	99
79) Naphthalene	13.513	128	404699	10.728	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	199431	11.702	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	209155	9.932	ppbv	98

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

Quant Time: Jun 17 03:02:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M
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QLast Update : Fri May 30 02:01:56 2025
Response via : Initial Calibration

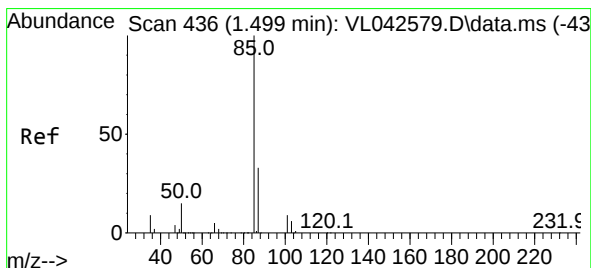
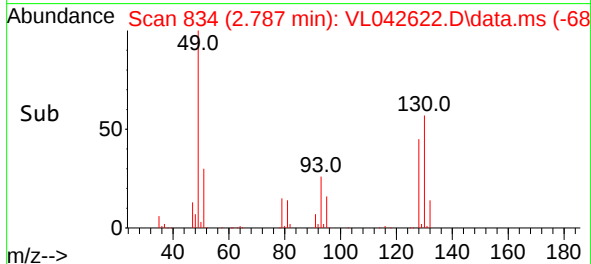
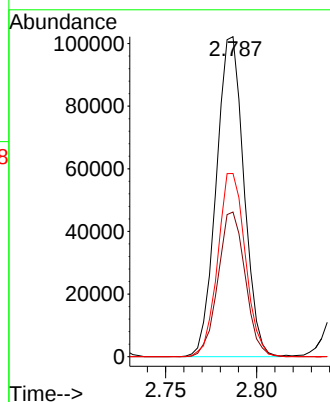
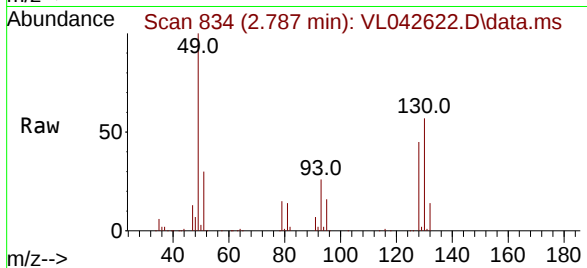




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 835
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

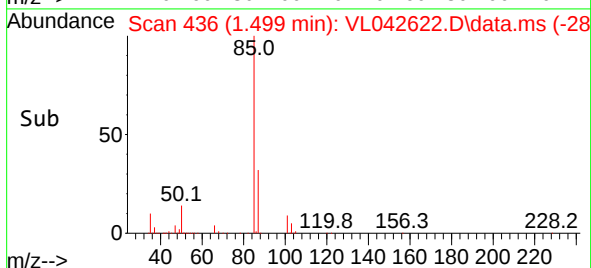
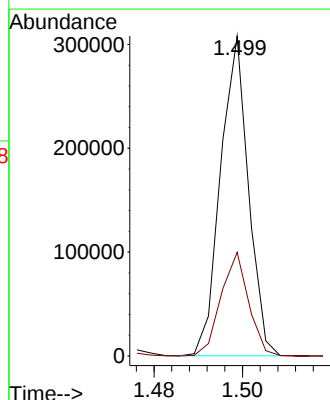
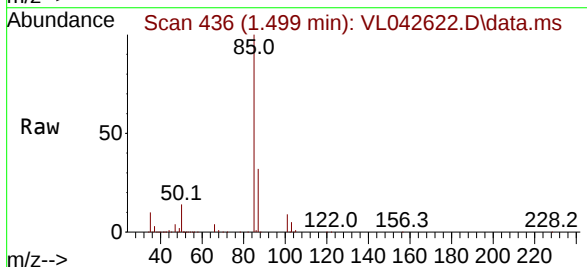
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

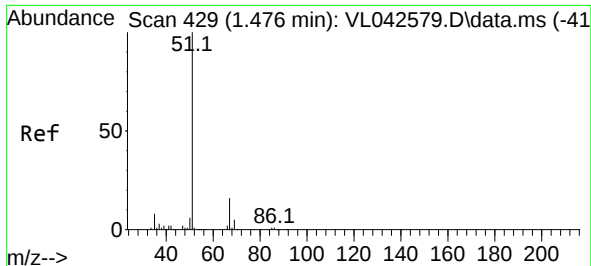
Tgt Ion: 49 Resp: 107738
Ion Ratio Lower Upper
49 100
128 44.5 24.2 72.6
130 57.1 30.4 91.2



#2
Dichlorodifluoromethane
Concen: 10.186 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 85 Resp: 134876
Ion Ratio Lower Upper
85 100
87 32.4 26.6 39.8

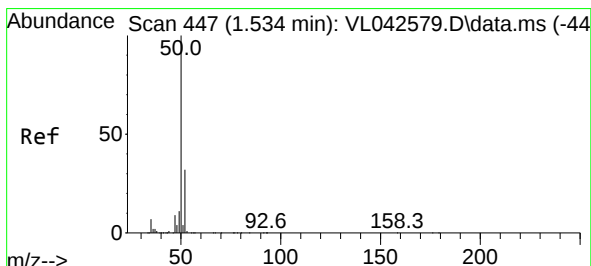
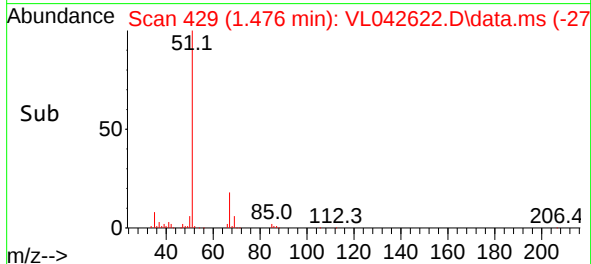
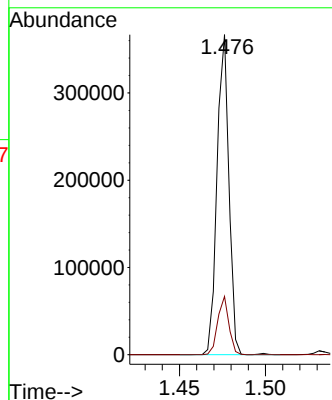
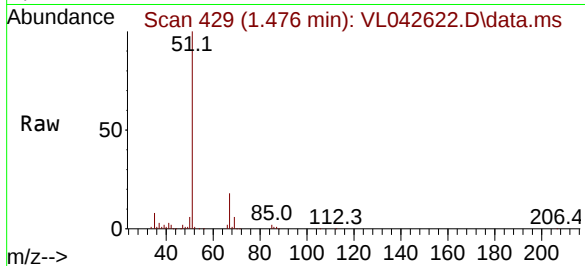




#3
Chlorodifluoromethane
Concen: 9.622 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

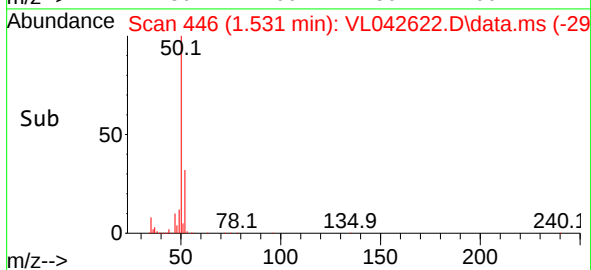
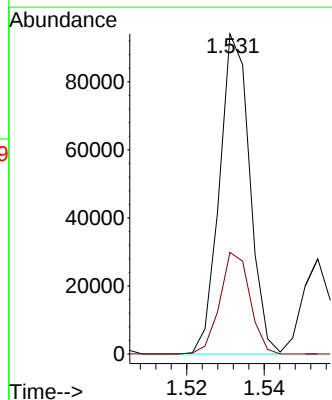
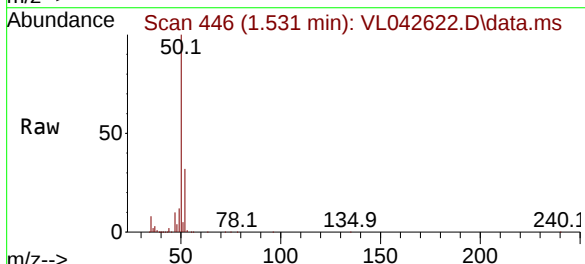
Instrument :
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ClientSampleId :
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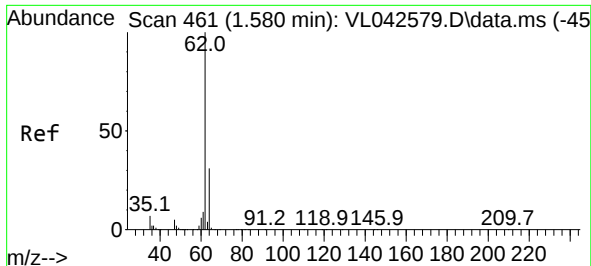
Tgt Ion: 51 Resp: 175470
Ion Ratio Lower Upper
51 100
67 17.1 13.4 20.2



#4
Chloromethane
Concen: 9.725 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 50 Resp: 50995
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.6

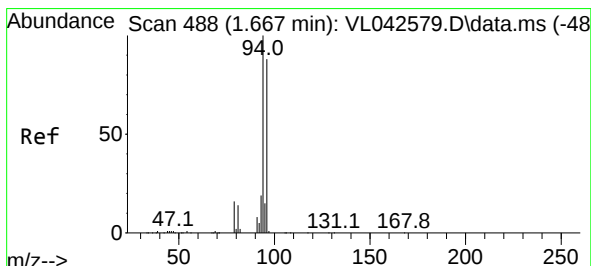
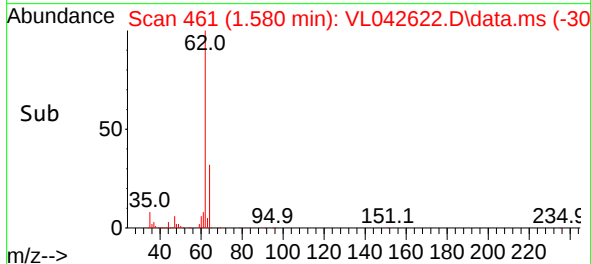
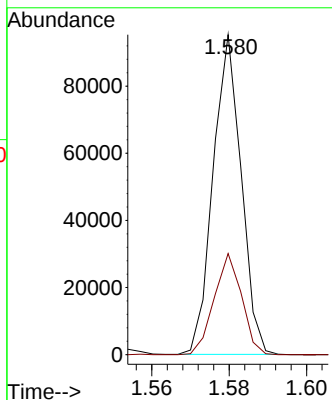
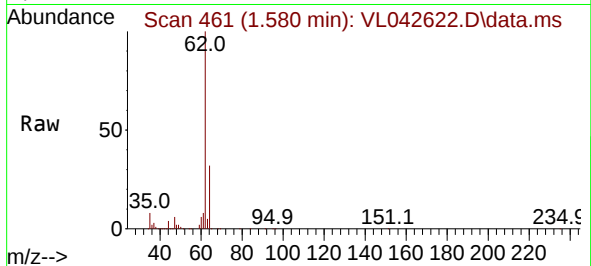




#5
 Vinyl Chloride
 Concen: 8.978 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

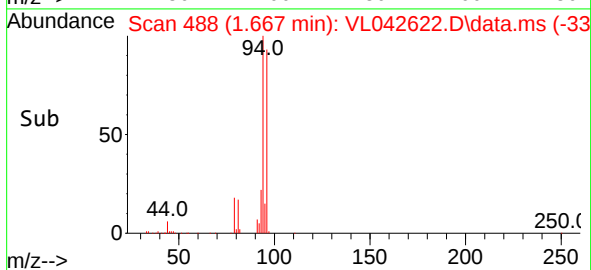
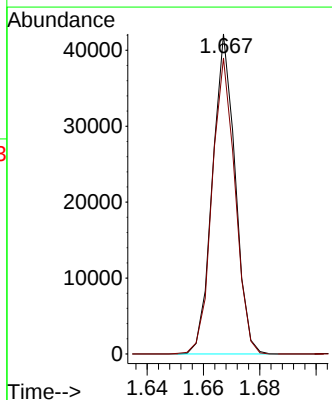
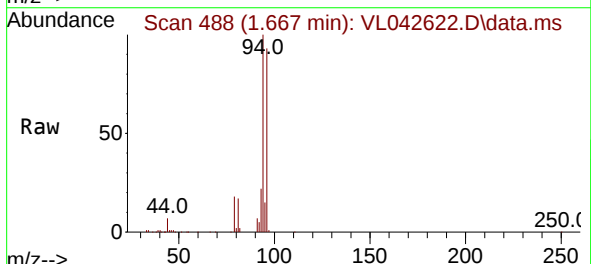
Instrument :
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 ClientSampleId :
 VSTDCCC010

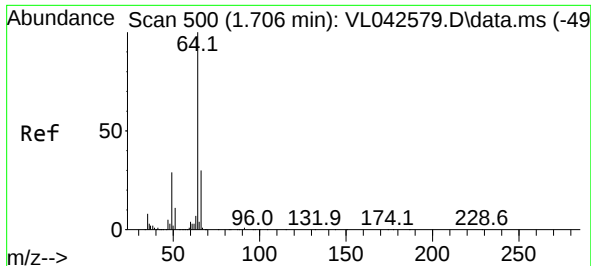
Tgt Ion: 62 Resp: 47957
 Ion Ratio Lower Upper
 62 100
 64 31.6 24.9 37.3



#6
 Bromomethane
 Concen: 9.044 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

Tgt Ion: 94 Resp: 23512
 Ion Ratio Lower Upper
 94 100
 96 92.5 70.7 106.1

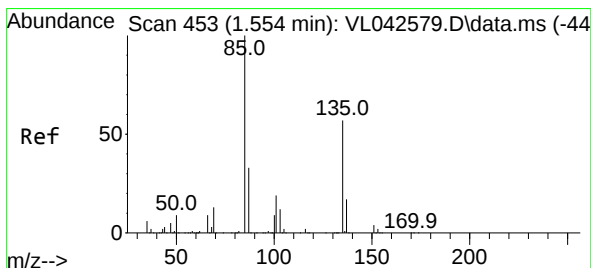
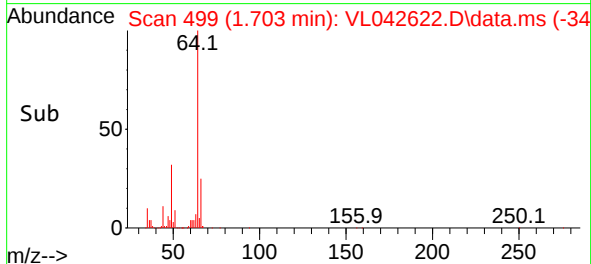
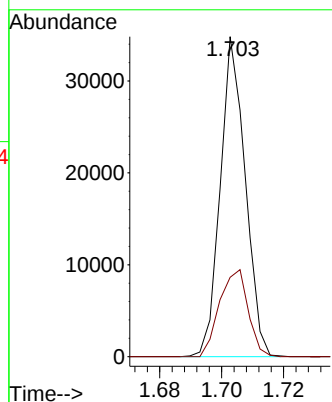
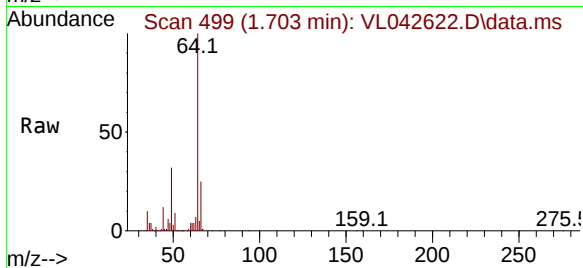




#7
Chloroethane
Concen: 9.396 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

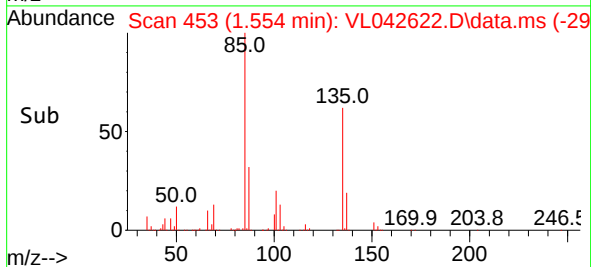
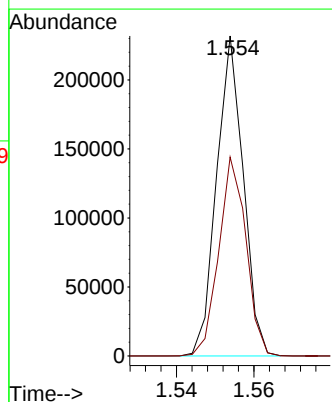
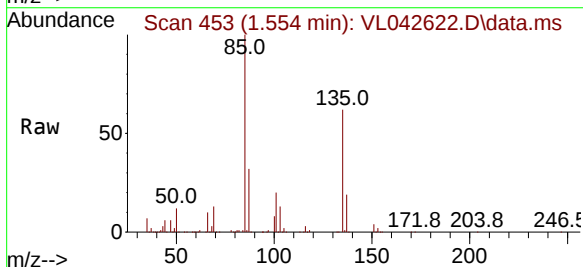
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MSVOA_L
ClientSampleId :
VSTDCCC010

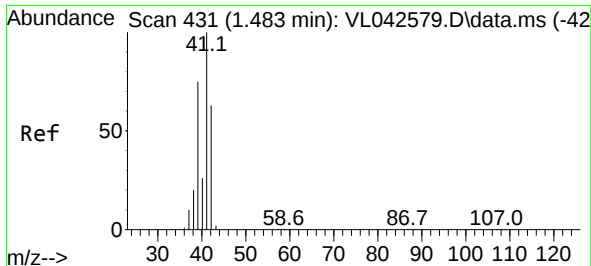
Tgt Ion: 64 Resp: 19501
Ion Ratio Lower Upper
64 100
66 24.8 24.3 36.5



#8
Dichlorotetrafluoroethane
Concen: 10.055 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 85 Resp: 110938
Ion Ratio Lower Upper
85 100
135 63.5 50.2 75.4





#9

Propene

Concen: 9.292 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

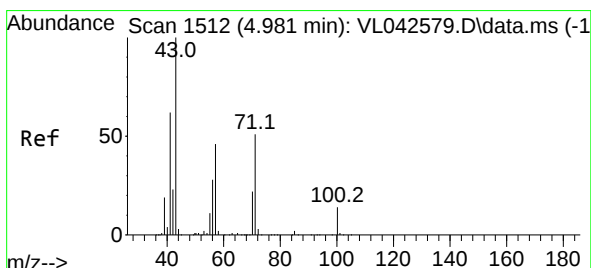
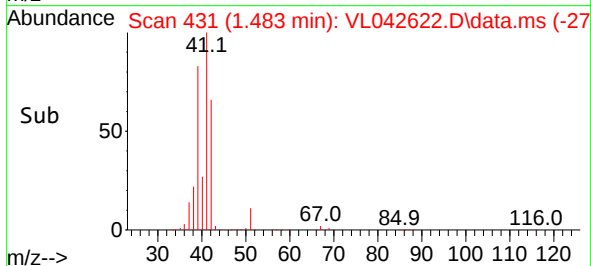
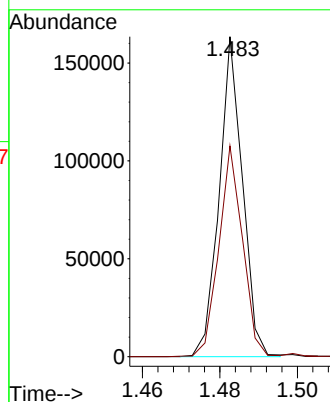
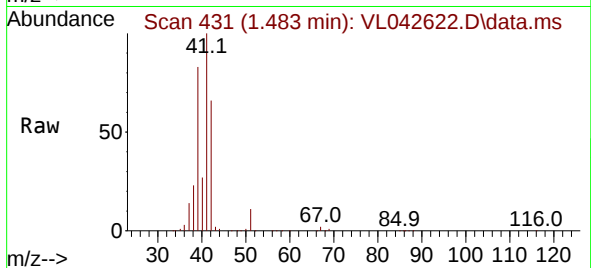
VSTDCCC010

Tgt Ion: 41 Resp: 68245

Ion Ratio Lower Upper

41 100

42 68.0 53.3 79.9



#10

Heptane

Concen: 9.400 ppbv

RT: 4.975 min Scan# 1510

Delta R.T. -0.006 min

Lab File: VL042622.D

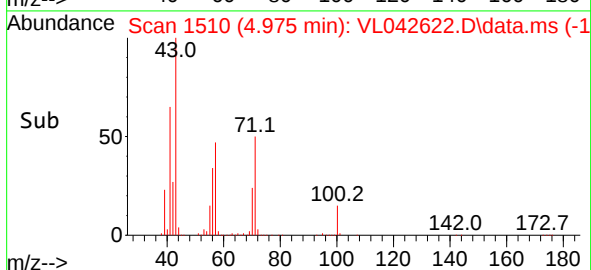
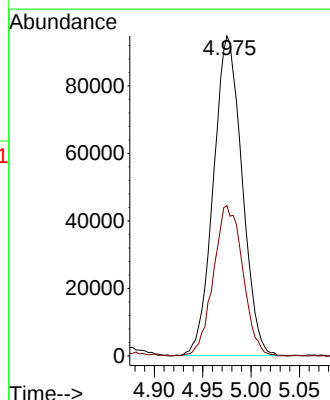
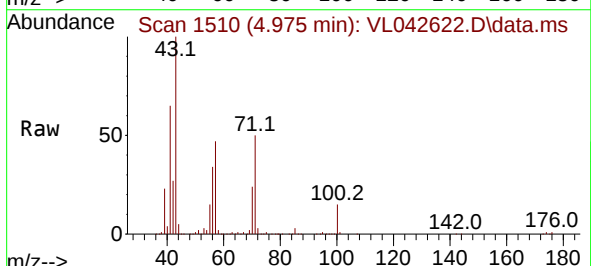
Acq: 16 Jun 2025 08:54

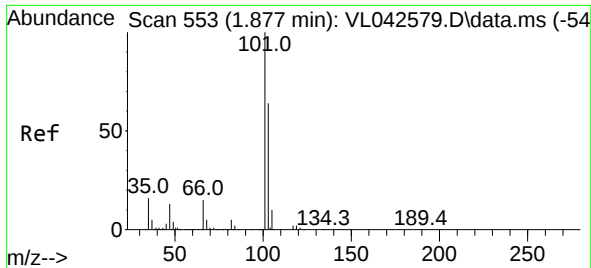
Tgt Ion: 43 Resp: 194603

Ion Ratio Lower Upper

43 100

57 48.3 38.9 58.3

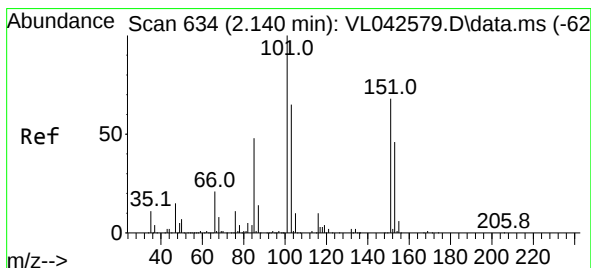
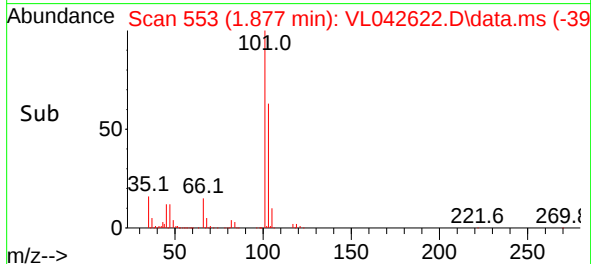
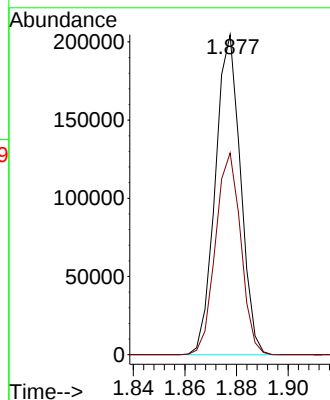
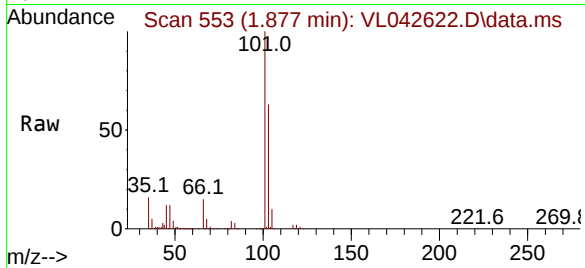




#11
 Trichlorofluoromethane
 Concen: 11.254 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

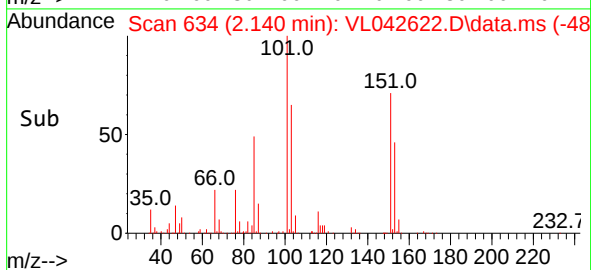
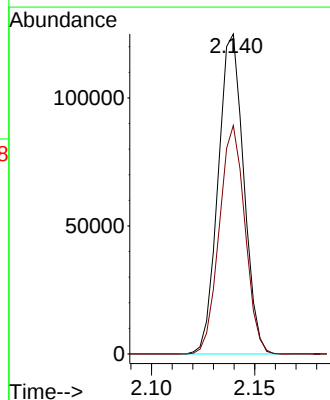
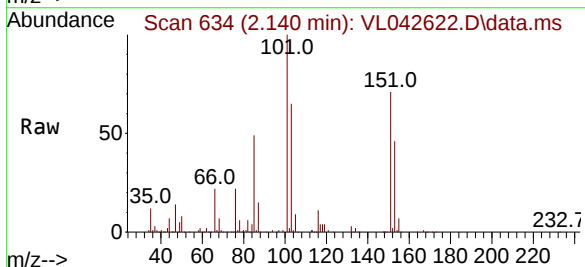
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

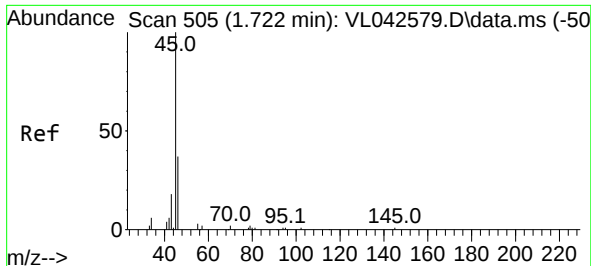
Tgt Ion:101 Resp: 138650
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.117 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.000 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

Tgt Ion:101 Resp: 107550
 Ion Ratio Lower Upper
 101 100
 151 71.6 55.3 82.9

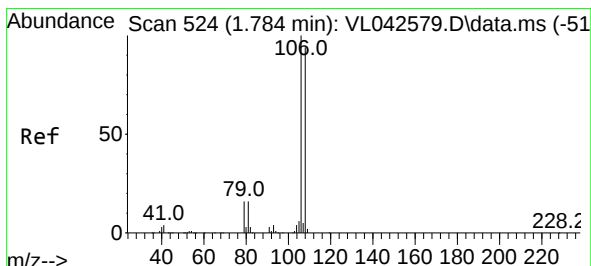
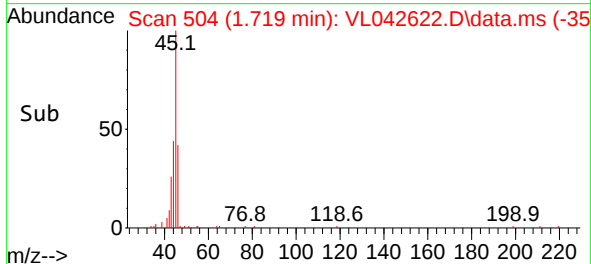
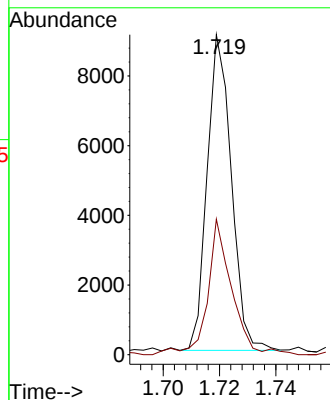
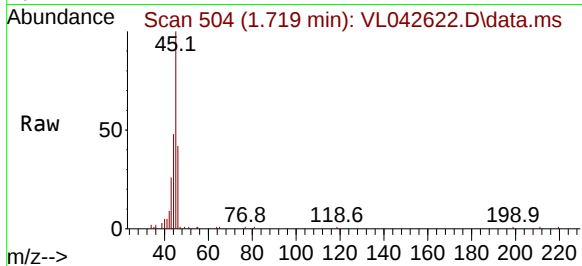




#13
Ethanol
Concen: 6.185 ppbv
RT: 1.719 min Scan# 505
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

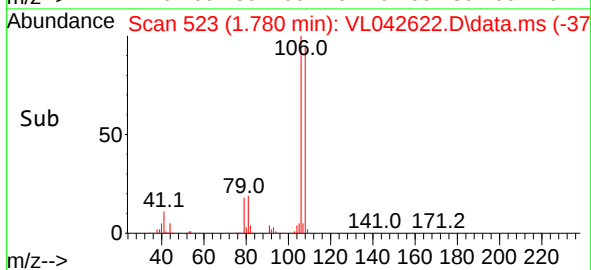
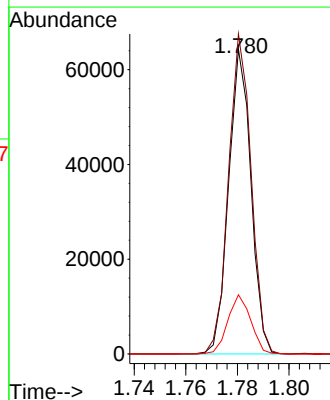
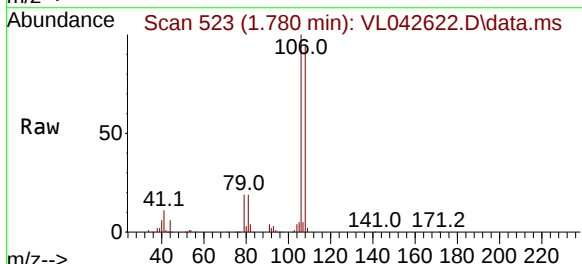
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

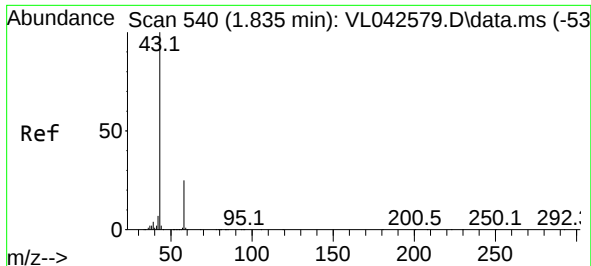
Tgt Ion: 45 Resp: 5413
Ion Ratio Lower Upper
45 100
46 43.0 14.5 58.1



#14
Bromoethene
Concen: 10.620 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 108 Resp: 38645
Ion Ratio Lower Upper
108 100
106 106.1 87.9 131.9
79 19.9 15.6 23.4

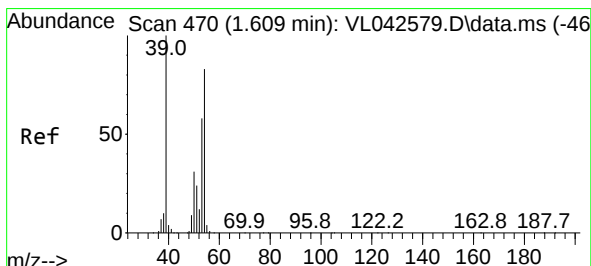
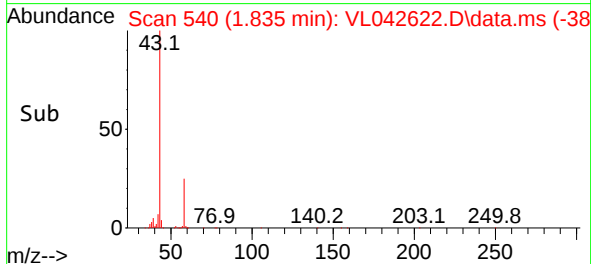
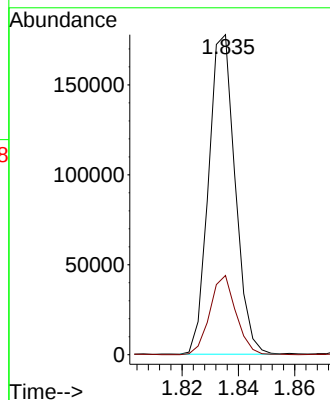
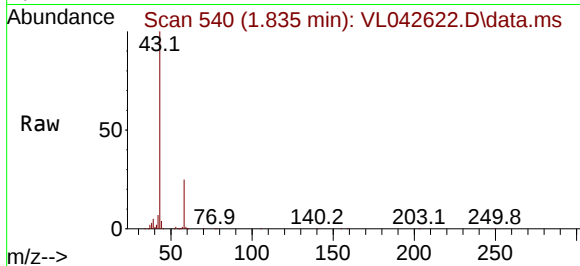




#15
Acetone
Concen: 8.979 ppbv
RT: 1.835 min Scan# 54
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

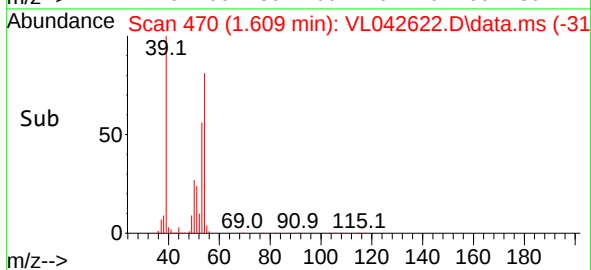
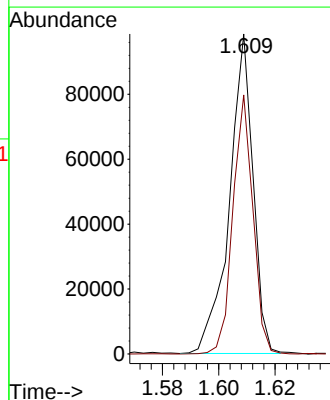
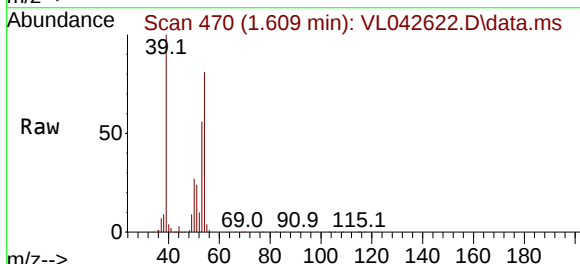
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

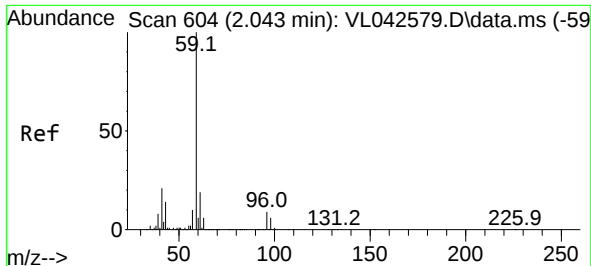
Tgt Ion: 43 Resp: 116520
Ion Ratio Lower Upper
43 100
58 24.5 21.0 31.4



#16
1,3-Butadiene
Concen: 9.313 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 39 Resp: 57252
Ion Ratio Lower Upper
39 100
54 69.0 57.9 86.9





#17

tert-Butyl alcohol

Concen: 10.286 ppbv

RT: 2.039 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

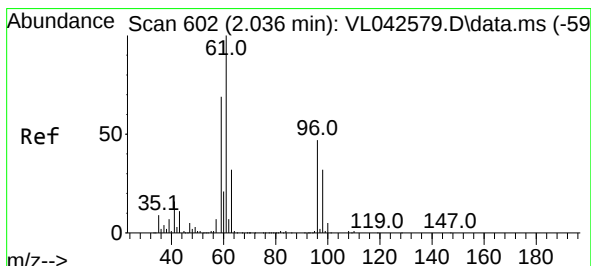
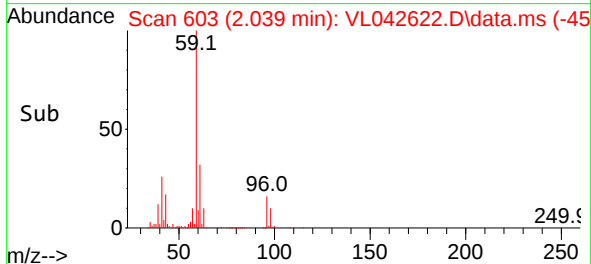
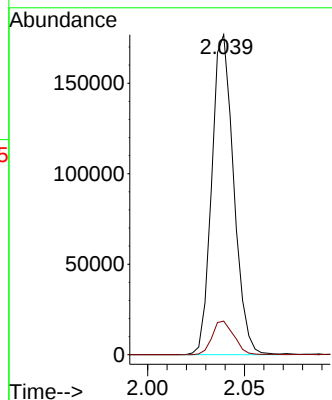
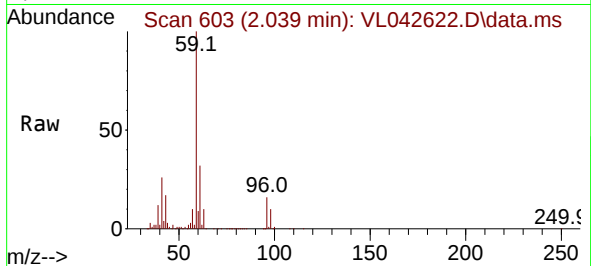
VSTDCCC010

Tgt Ion: 59 Resp: 139063

Ion Ratio Lower Upper

59 100

57 10.7 8.6 12.8



#18

1,1-Dichloroethene

Concen: 10.568 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

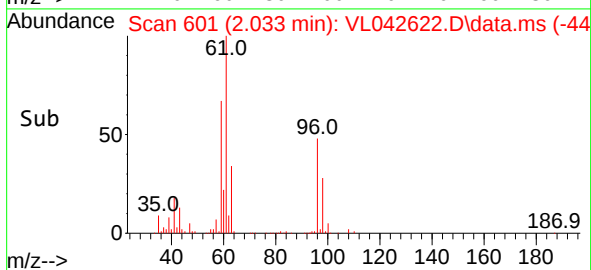
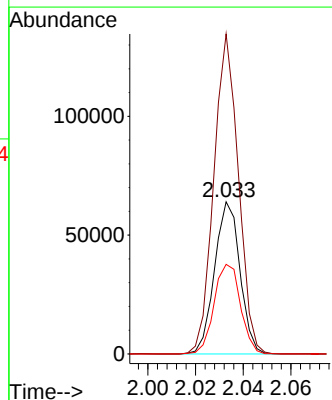
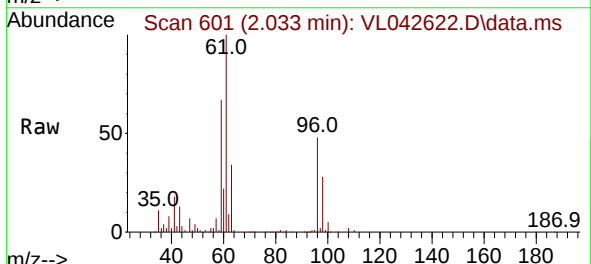
Tgt Ion: 96 Resp: 47387

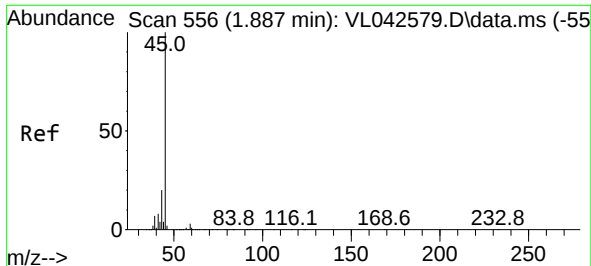
Ion Ratio Lower Upper

96 100

61 210.4 171.1 256.7

98 59.0 54.4 81.6

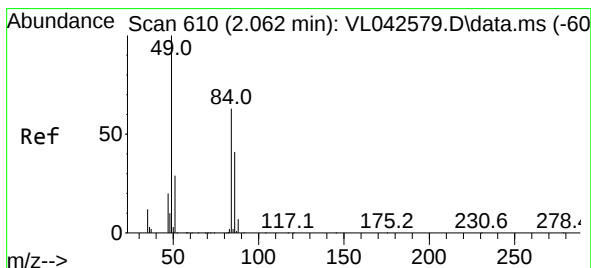
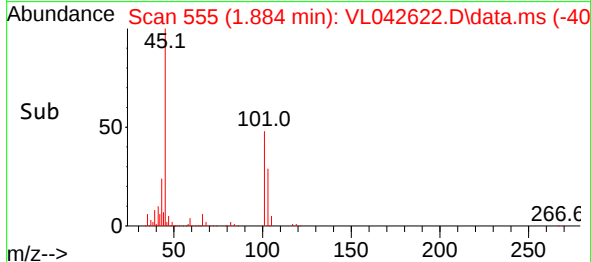
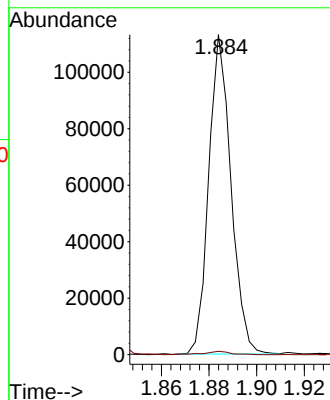
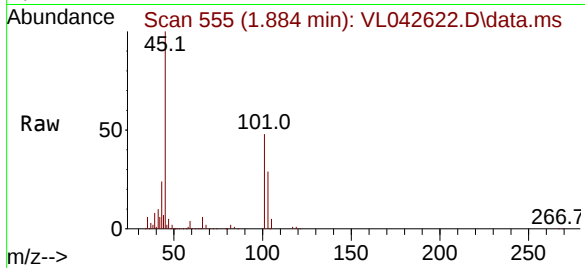




#19
Isopropyl Alcohol
Concen: 9.475 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

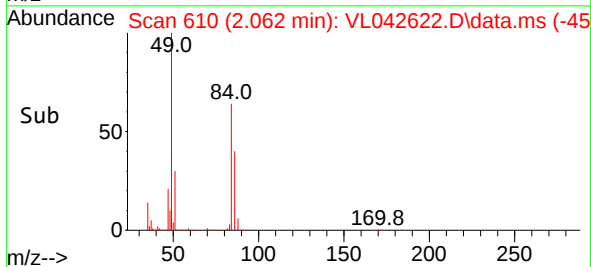
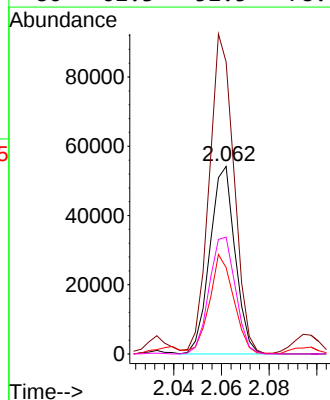
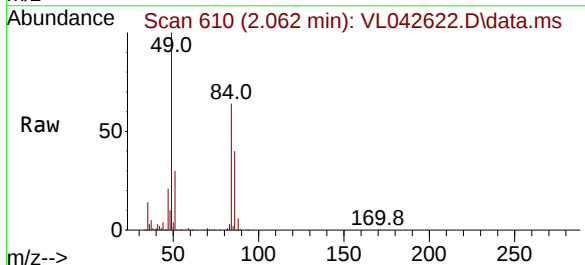
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

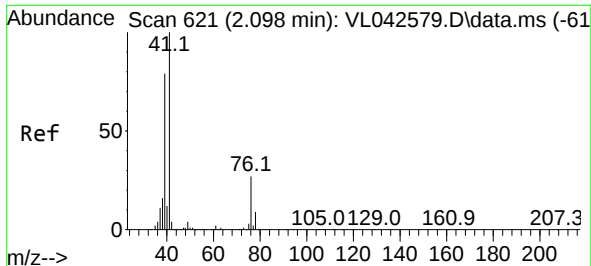
Tgt Ion: 45 Resp: 73508
Ion Ratio Lower Upper
45 100
58 38.9 29.4 44.2



#20
Methylene Chloride
Concen: 9.326 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 84 Resp: 39938
Ion Ratio Lower Upper
84 100
49 154.3 128.8 193.2
51 45.8 38.6 57.8
86 62.3 52.5 78.7

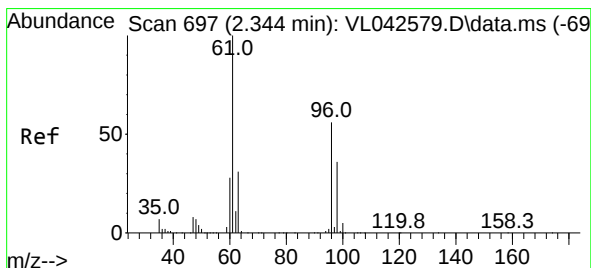
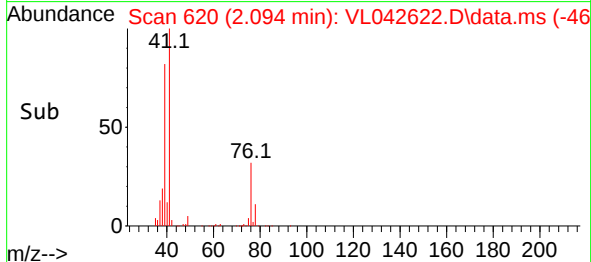
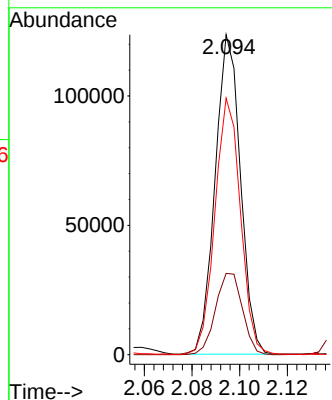
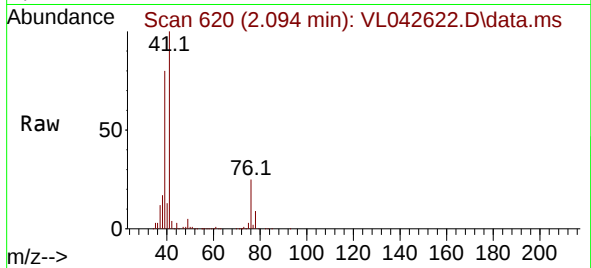




#21
 Allyl Chloride
 Concen: 9.964 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

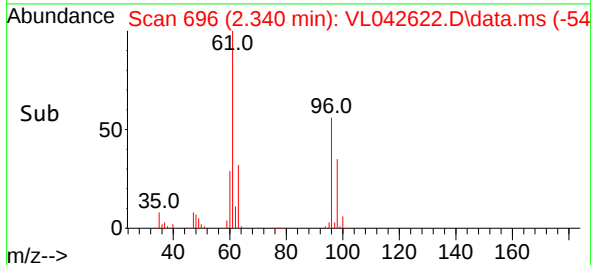
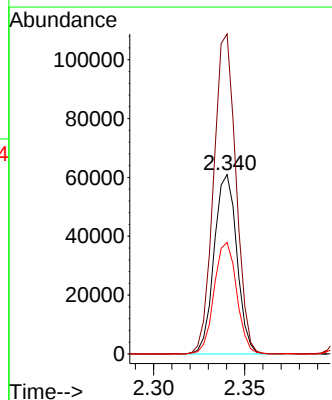
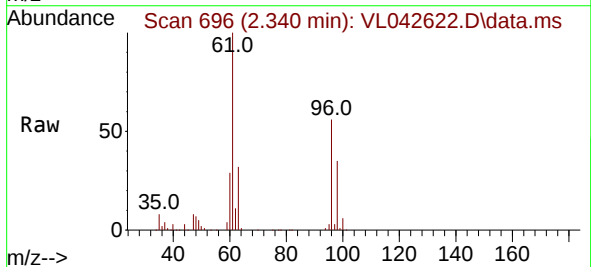
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

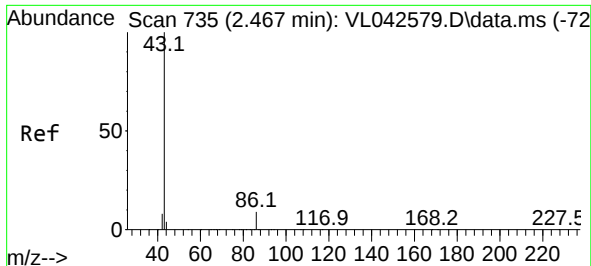
Tgt Ion: 41 Resp: 91238
 Ion Ratio Lower Upper
 41 100
 76 27.0 21.2 31.8
 39 80.7 60.9 91.3



#22
 trans-1,2-Dichloroethene
 Concen: 10.554 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.003 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

Tgt Ion: 96 Resp: 52863
 Ion Ratio Lower Upper
 96 100
 61 178.4 142.6 214.0
 98 62.2 51.0 76.4



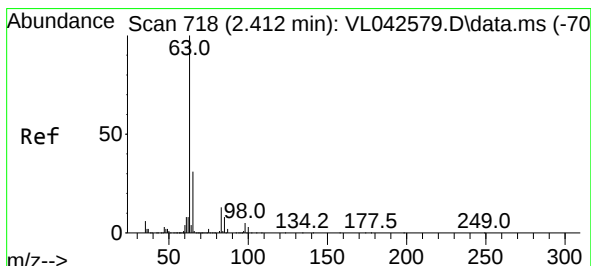
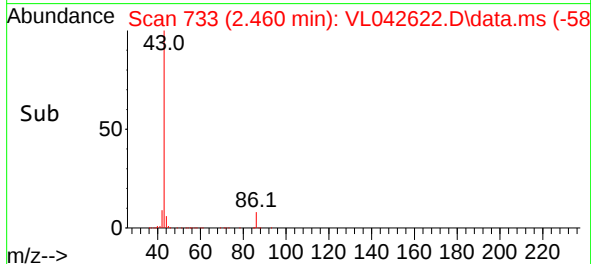
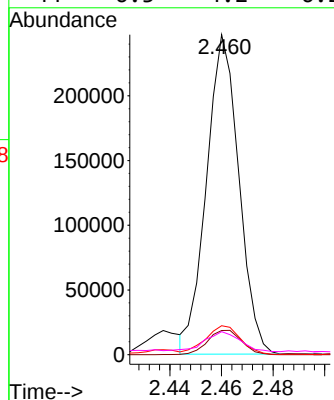
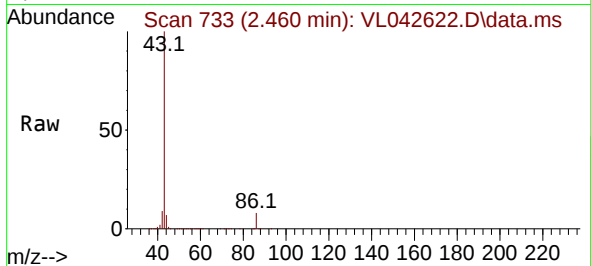


#23
 Vinyl Acetate
 Concen: 12.267 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. -0.006 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 215190

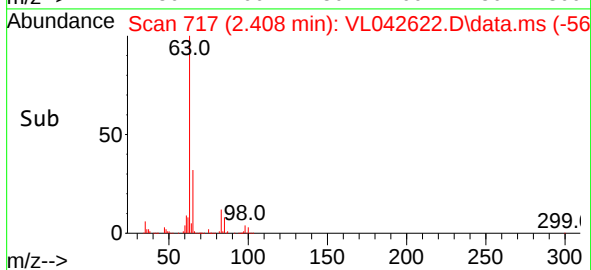
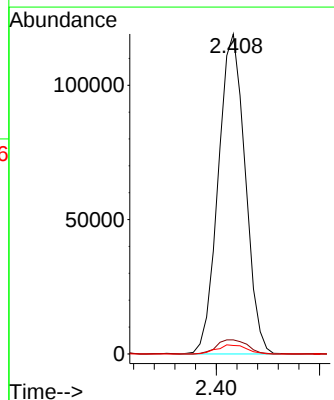
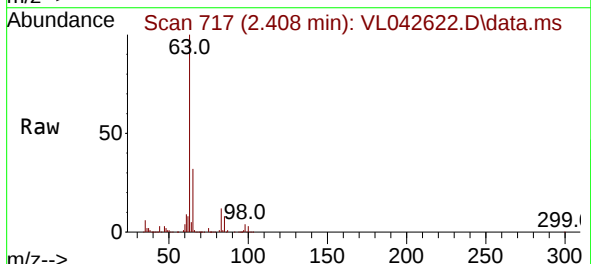
Ion	Ratio	Lower	Upper
43	100		
86	7.6	6.6	9.8
42	9.0	7.0	10.4
44	6.3	4.2	6.2

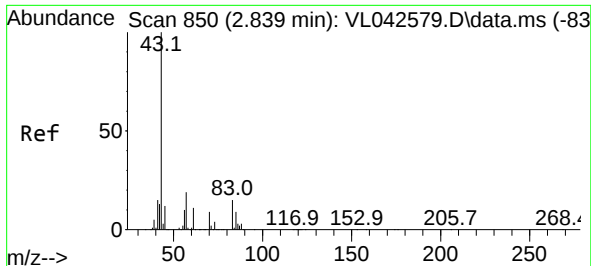


#24
 1,1-Dichloroethane
 Concen: 10.460 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

Tgt Ion: 63 Resp: 107798

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.4	7.1
100	2.7	1.4	4.0



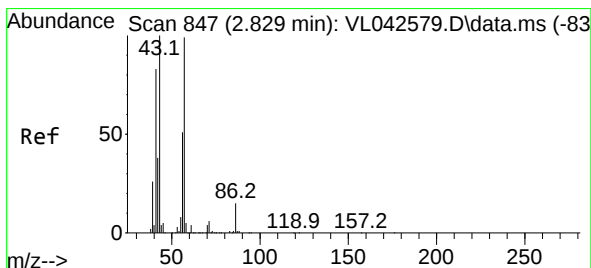
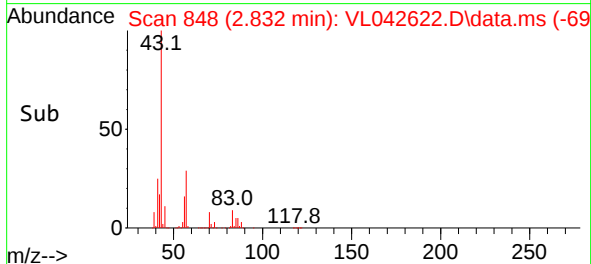
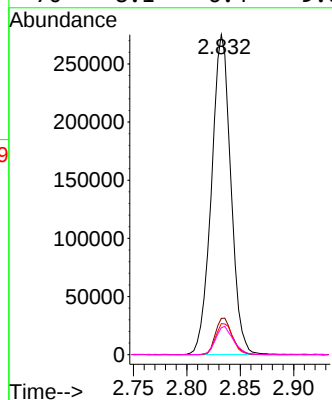
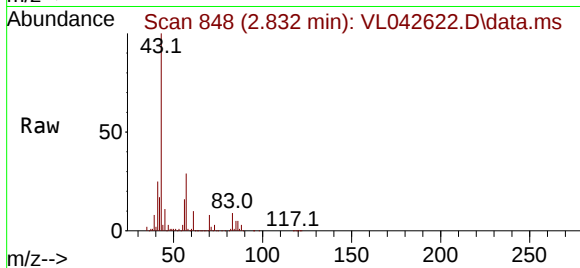


#25
Ethyl Acetate
Concen: 9.773 ppbv
RT: 2.832 min Scan# 84
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 347073

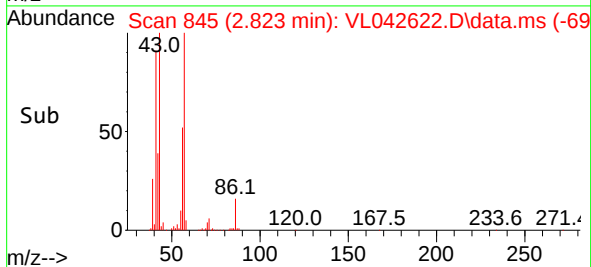
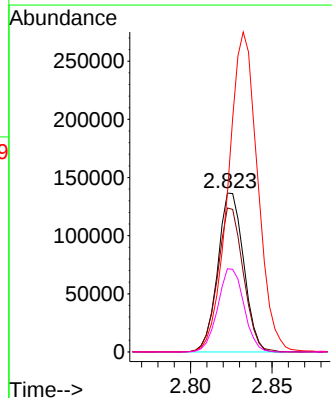
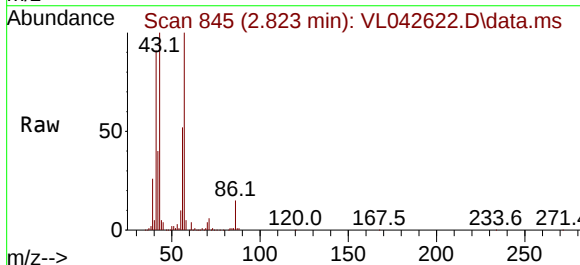
Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.2	12.2
61	8.7	7.1	10.7
70	8.1	6.4	9.6

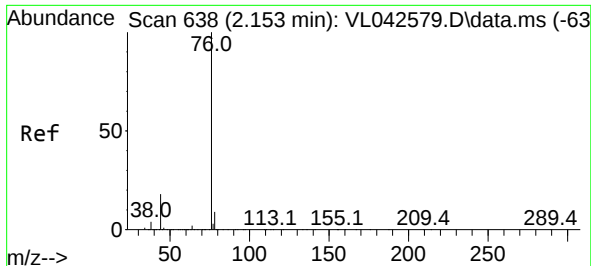


#26
Hexane
Concen: 9.337 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.007 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 57 Resp: 150675

Ion	Ratio	Lower	Upper
57	100		
41	90.9	70.6	106.0
43	231.5	181.1	271.7
56	52.9	42.2	63.4





#27

Carbon Disulfide

Concen: 10.923 ppbv

RT: 2.149 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

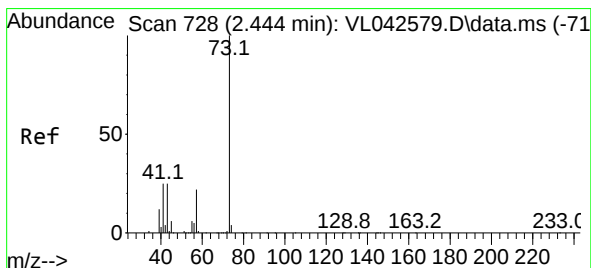
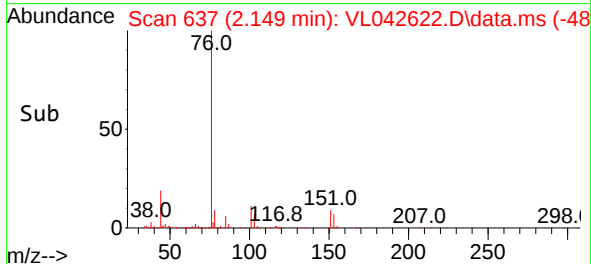
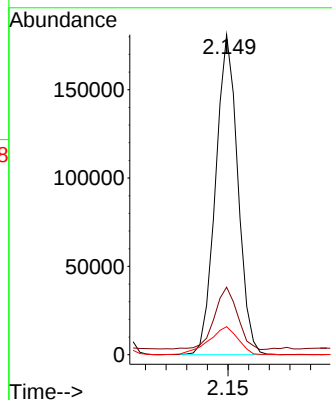
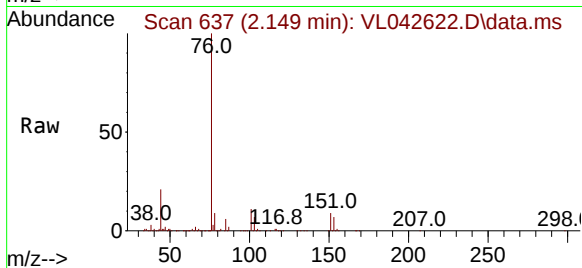
Tgt Ion: 76 Resp: 135326

Ion Ratio Lower Upper

76 100

44 20.1 21.3 31.9#

78 11.5 9.4 14.0



#28

Methyl tert-Butyl Ether

Concen: 10.311 ppbv

RT: 2.437 min Scan# 726

Delta R.T. -0.006 min

Lab File: VL042622.D

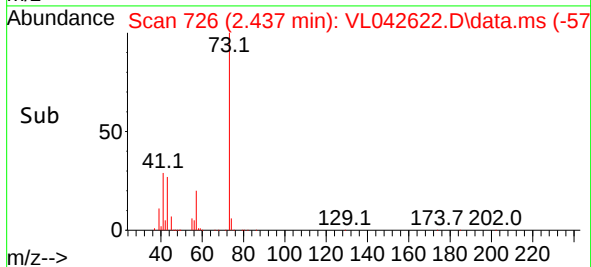
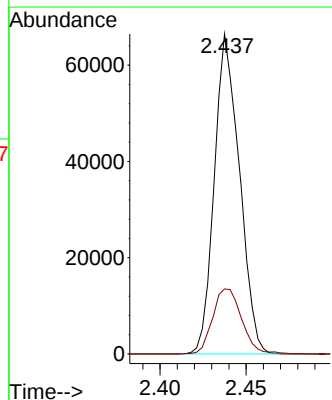
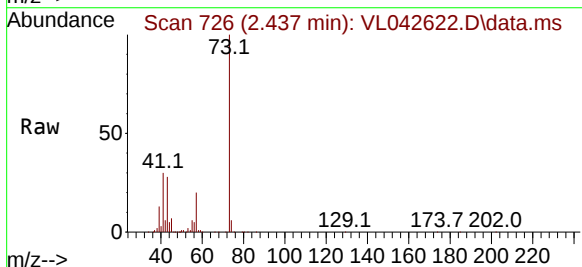
Acq: 16 Jun 2025 08:54

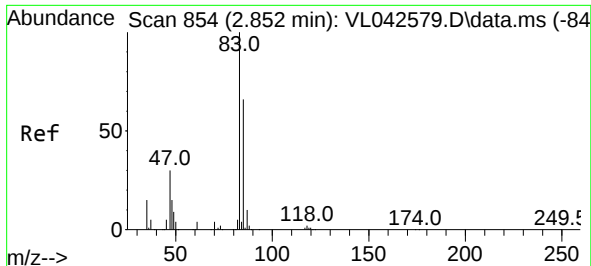
Tgt Ion: 73 Resp: 67524

Ion Ratio Lower Upper

73 100

57 23.5 19.9 29.9





#29

Chloroform

Concen: 10.259 ppbv

RT: 2.848 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

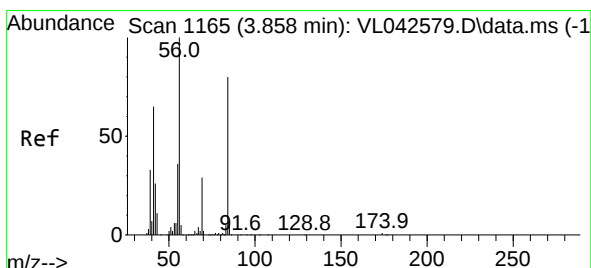
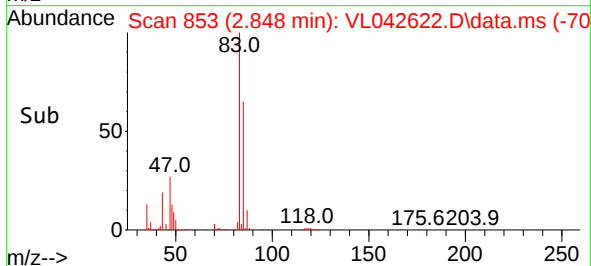
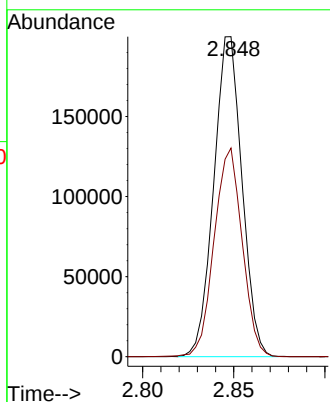
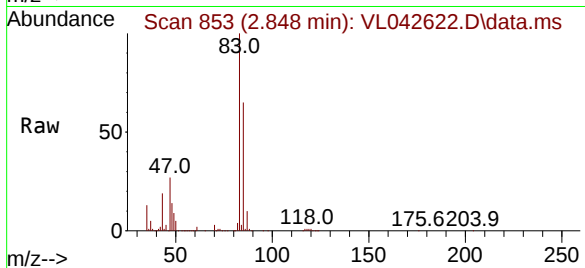
VSTDCCC010

Tgt Ion: 83 Resp: 215284

Ion Ratio Lower Upper

83 100

85 65.1 52.8 79.2



#30

Cyclohexane

Concen: 9.147 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

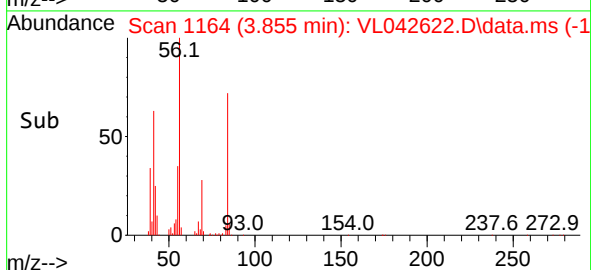
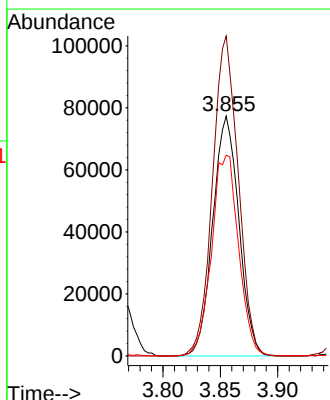
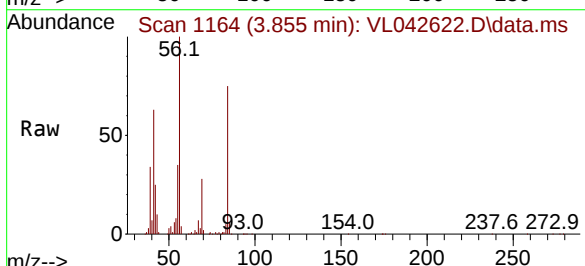
Tgt Ion: 84 Resp: 122368

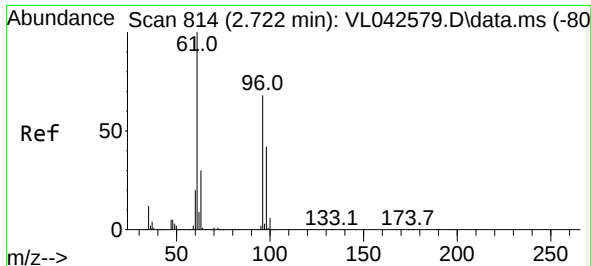
Ion Ratio Lower Upper

84 100

56 131.0 103.7 155.5

41 86.5 65.1 97.7

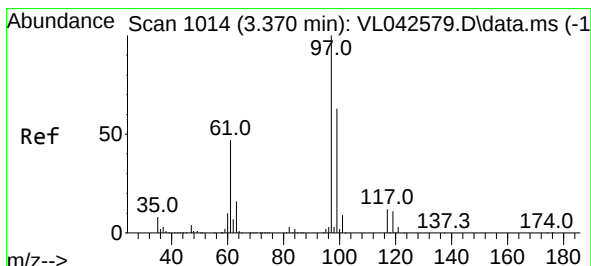
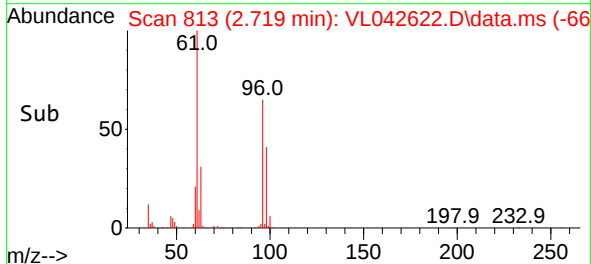
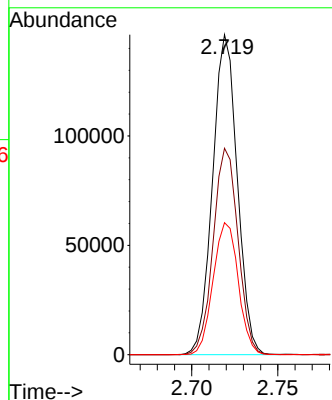
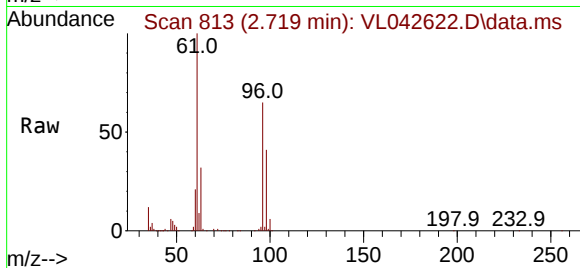




#31
 cis-1,2-Dichloroethene
 Concen: 9.909 ppbv
 RT: 2.719 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

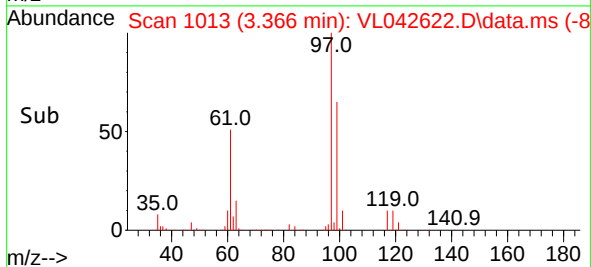
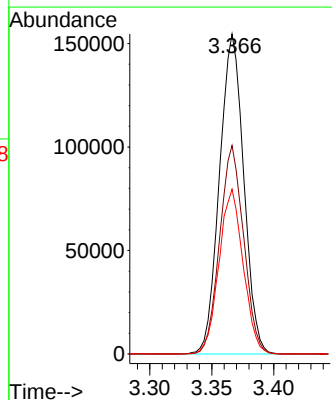
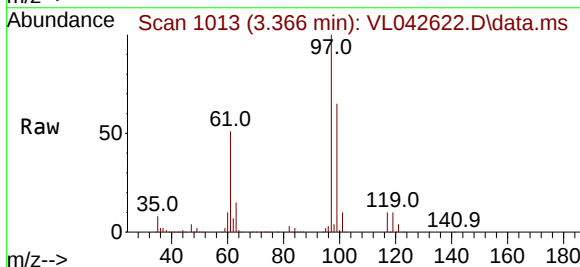
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

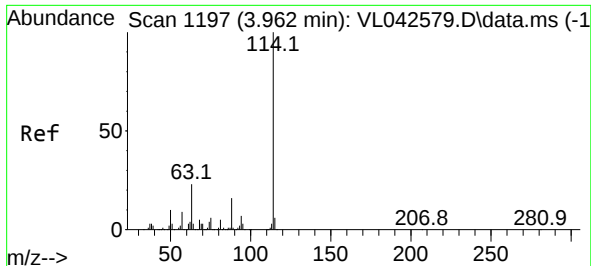
Tgt Ion: 61 Resp: 146273
 Ion Ratio Lower Upper
 61 100
 96 64.5 54.5 81.7
 98 41.3 33.4 50.2



#32
 1,1,1-Trichloroethane
 Concen: 9.818 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.003 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

Tgt Ion: 97 Resp: 210503
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.0 76.6
 61 51.5 39.4 59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.006 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

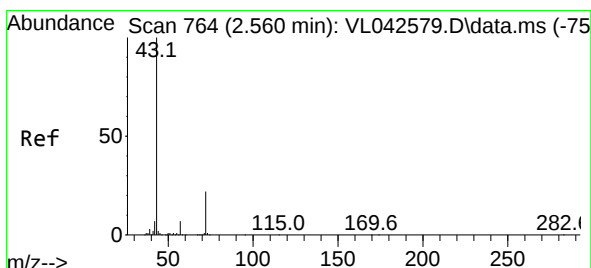
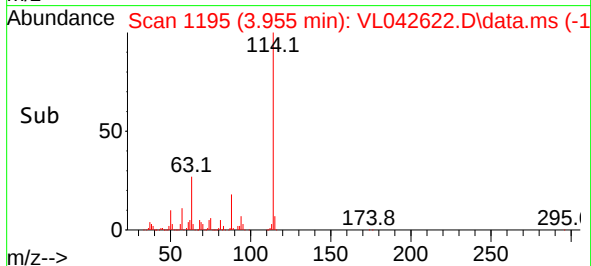
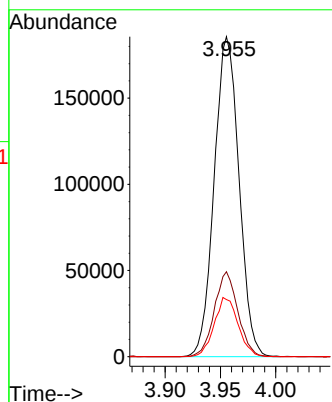
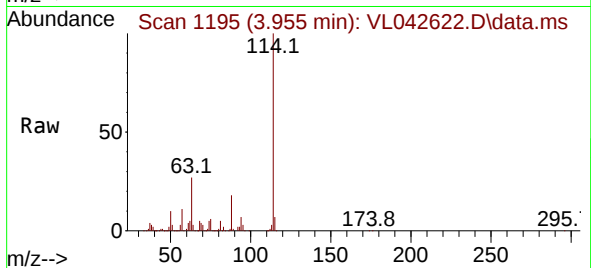
Tgt Ion:114 Resp: 288897

Ion Ratio Lower Upper

114 100

63 25.2 19.0 28.6

88 17.9 13.6 20.4



#34

2-Butanone

Concen: 11.106 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.006 min

Lab File: VL042622.D

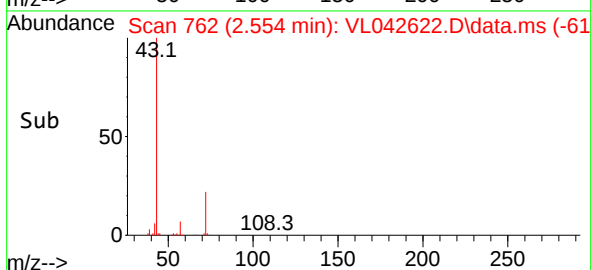
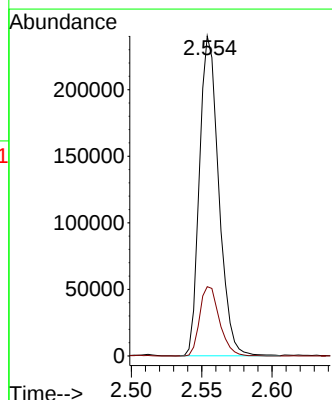
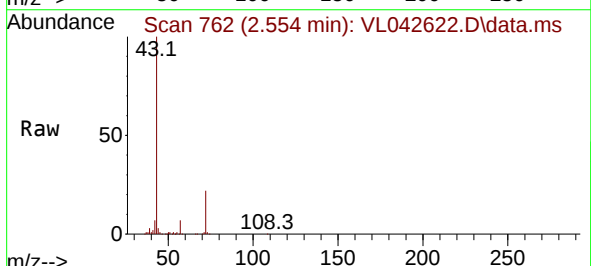
Acq: 16 Jun 2025 08:54

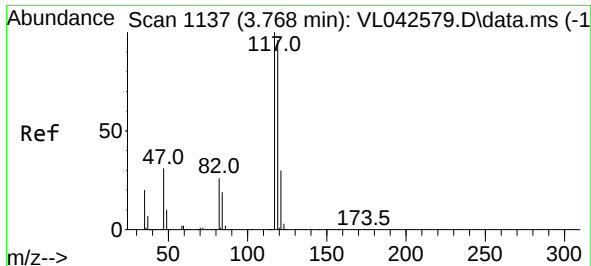
Tgt Ion: 43 Resp: 228811

Ion Ratio Lower Upper

43 100

72 22.2 17.7 26.5

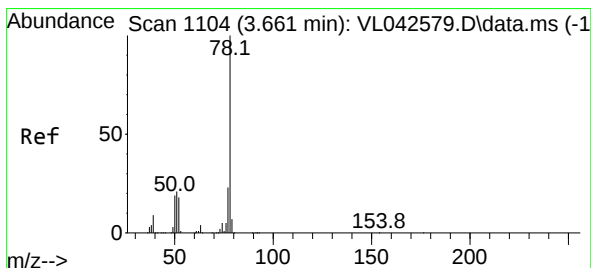
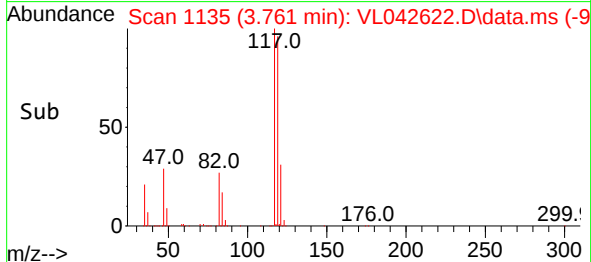
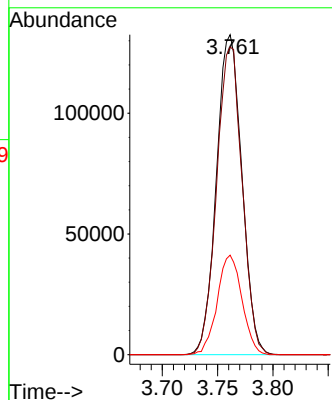
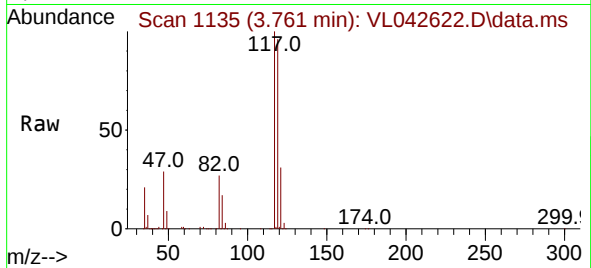




#35
Carbon Tetrachloride
Concen: 11.120 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

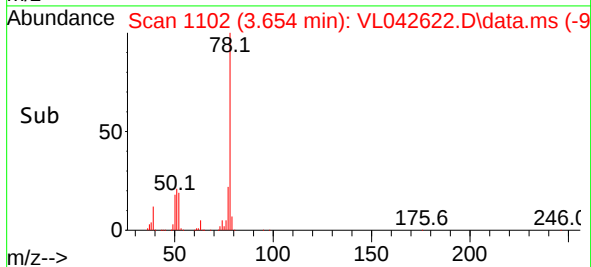
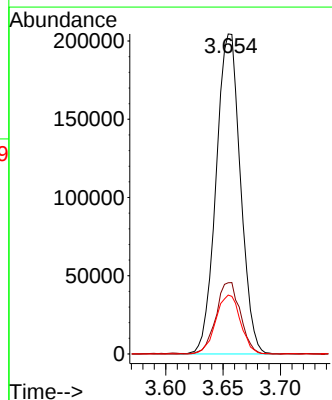
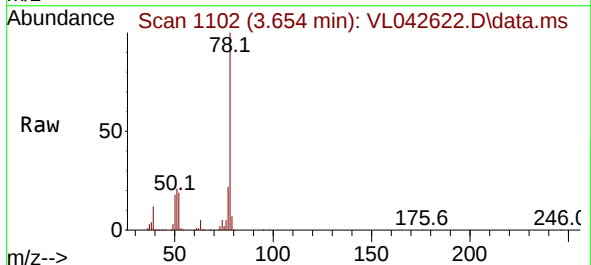
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

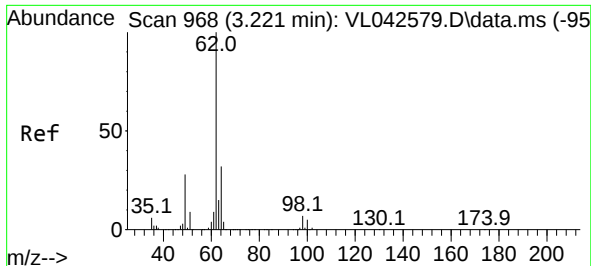
Tgt Ion:117 Resp: 212075
Ion Ratio Lower Upper
117 100
119 96.1 76.8 115.2
121 31.1 24.3 36.5



#36
Benzene
Concen: 10.602 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 78 Resp: 301626
Ion Ratio Lower Upper
78 100
77 22.2 18.2 27.2
50 18.4 15.2 22.8





#37

1,2-Dichloroethane

Concen: 11.651 ppbv

RT: 3.217 min Scan# 9

Delta R.T. -0.003 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

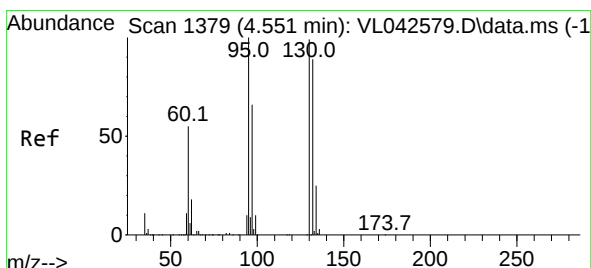
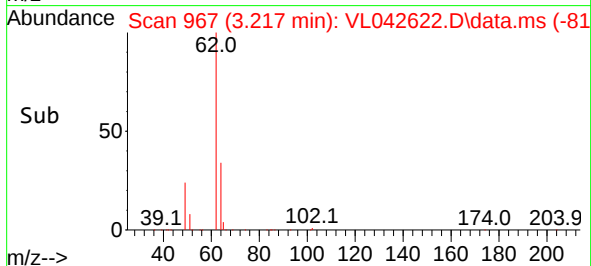
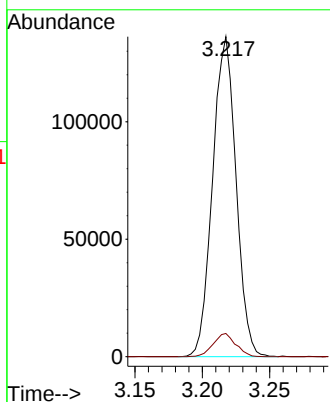
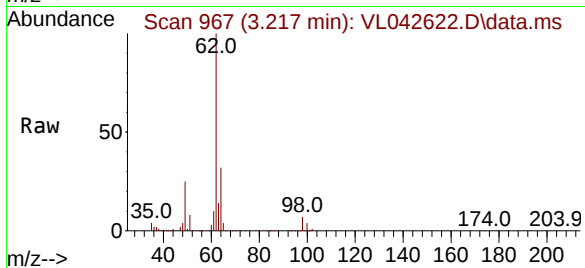
VSTDCCC010

Tgt Ion: 62 Resp: 164738

Ion Ratio Lower Upper

62 100

98 7.0 6.1 9.1



#38

Trichloroethene

Concen: 10.063 ppbv

RT: 4.544 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Tgt Ion:130 Resp: 121690

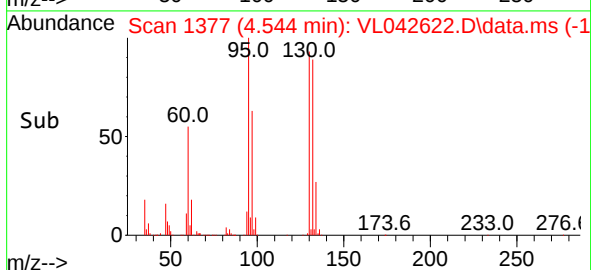
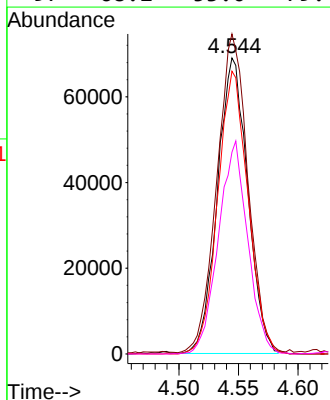
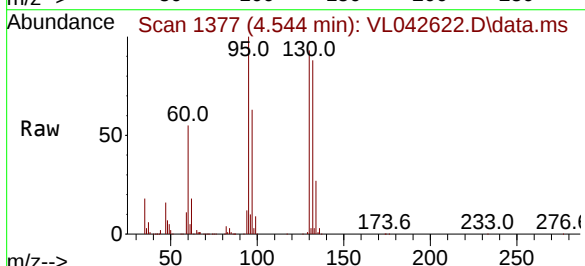
Ion Ratio Lower Upper

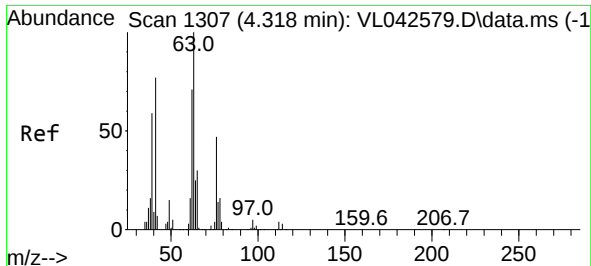
130 100

95 107.8 80.6 121.0

132 95.7 71.8 107.6

97 68.2 53.0 79.4





#39

1,2-Dichloropropane

Concen: 10.368 ppbv

RT: 4.311 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

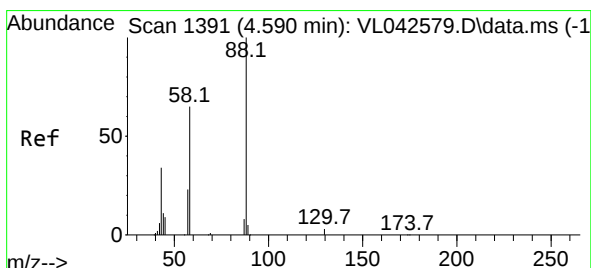
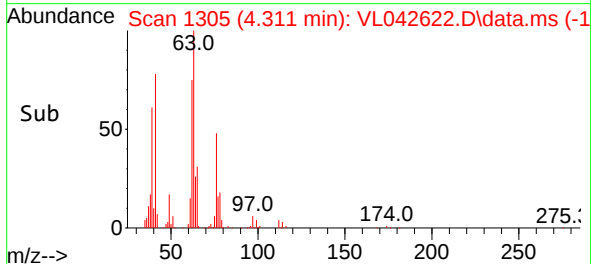
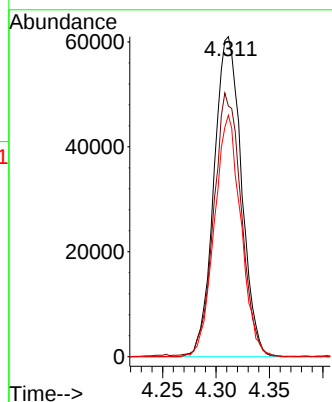
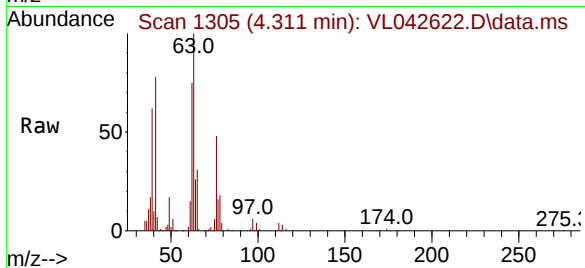
Tgt Ion: 63 Resp: 109074

Ion Ratio Lower Upper

63 100

41 78.1 61.8 92.6

62 75.5 56.6 85.0



#40

1,4-Dioxane

Concen: 10.229 ppbv

RT: 4.577 min Scan# 1387

Delta R.T. -0.013 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Tgt Ion: 88 Resp: 48153

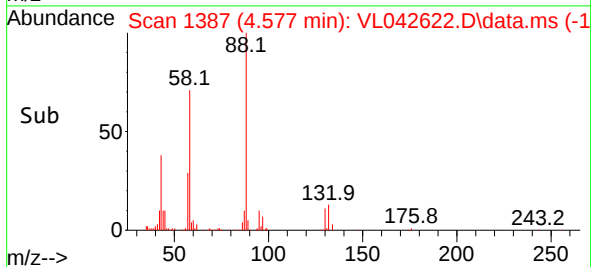
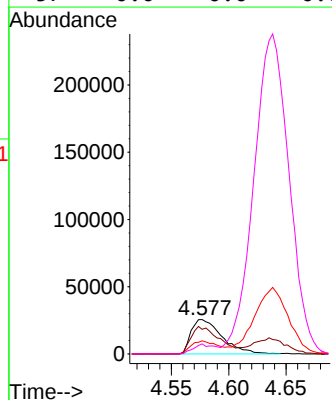
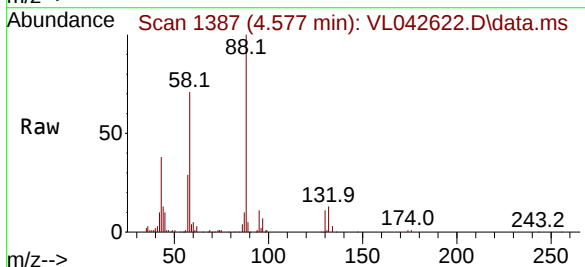
Ion Ratio Lower Upper

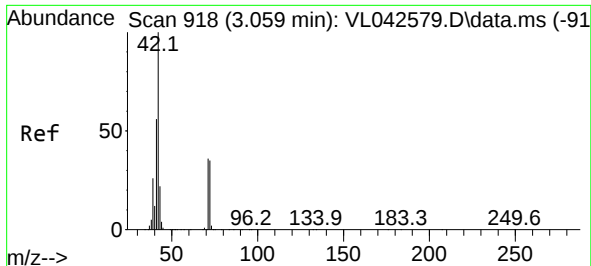
88 100

58 71.3 55.8 83.8

43 33.2 24.8 37.2

57 0.0 0.0 0.0

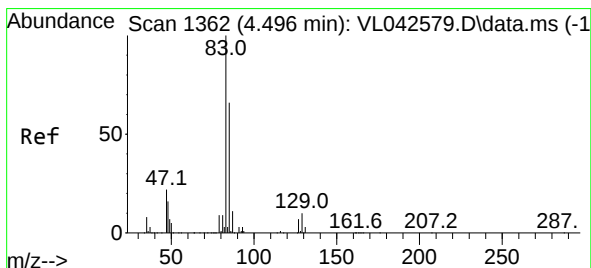
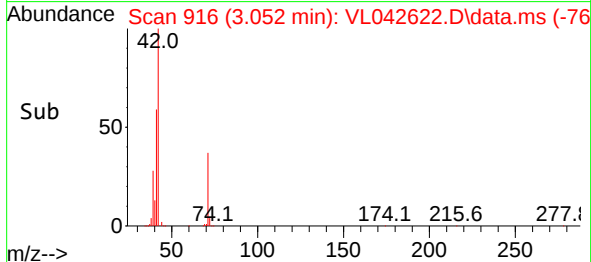
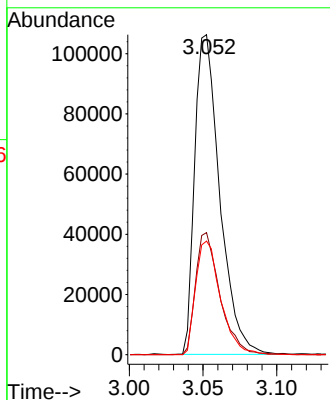
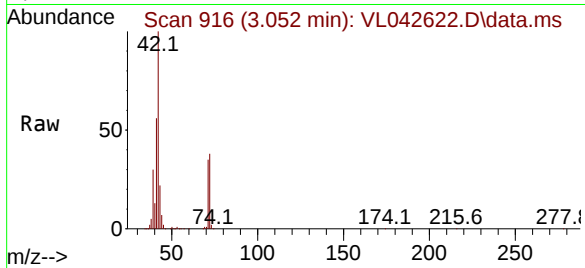




#41
Tetrahydrofuran
Concen: 10.430 ppbv
RT: 3.052 min Scan# 918
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

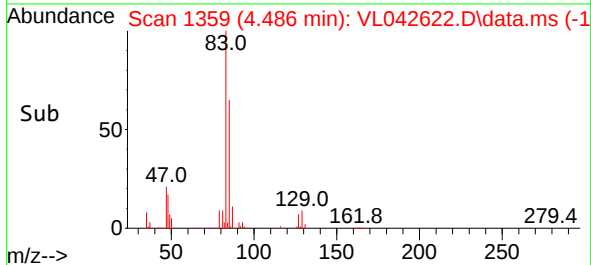
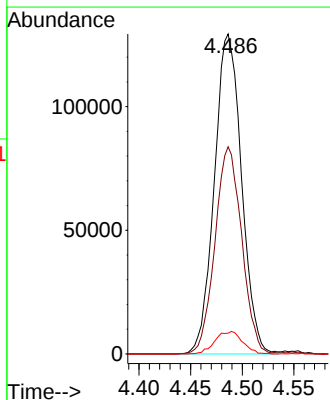
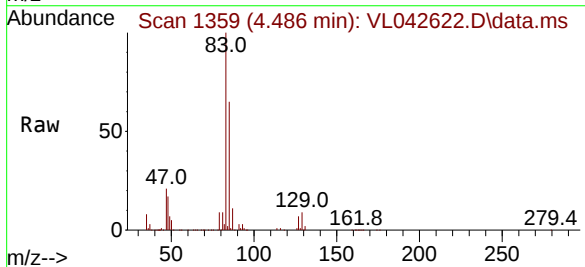
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

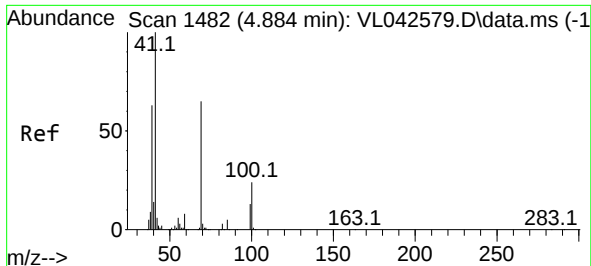
Tgt Ion: 42 Resp: 125788
Ion Ratio Lower Upper
42 100
72 37.1 28.9 43.3
71 35.4 28.5 42.7



#42
Bromodichloromethane
Concen: 11.792 ppbv
RT: 4.486 min Scan# 1359
Delta R.T. -0.010 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 83 Resp: 236809
Ion Ratio Lower Upper
83 100
85 64.7 52.7 79.1
127 6.5 5.8 8.6

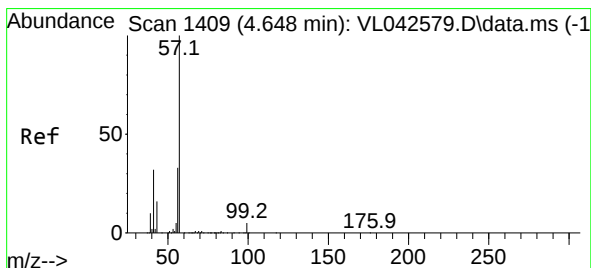
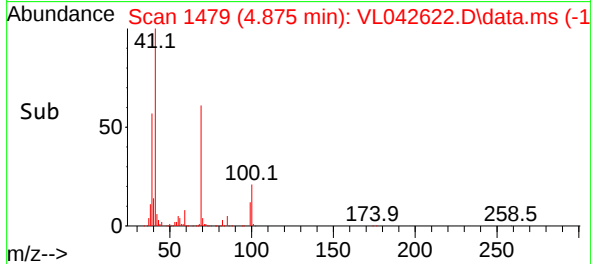
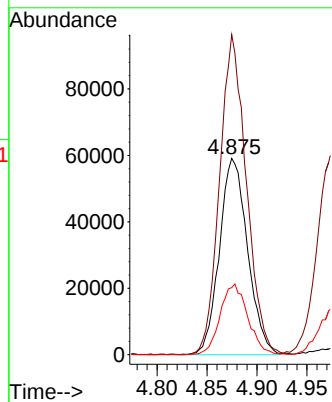
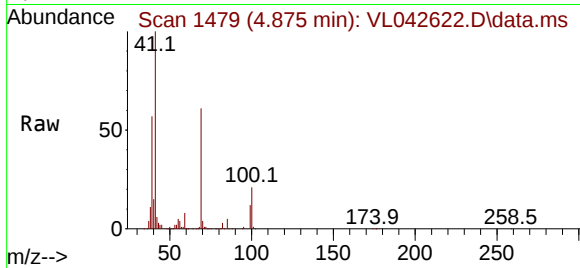




#43
Methyl Methacrylate
Concen: 10.504 ppbv
RT: 4.875 min Scan# 1479
Delta R.T. -0.010 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

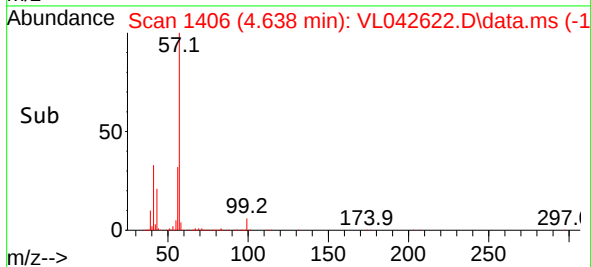
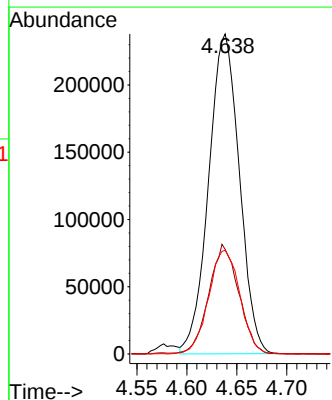
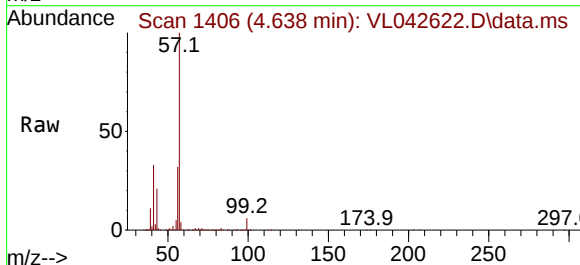
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

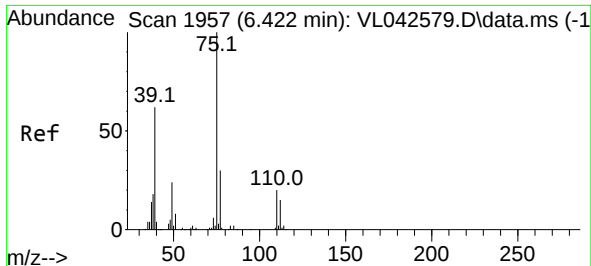
Tgt Ion: 69 Resp: 115983
Ion Ratio Lower Upper
69 100
41 154.3 124.6 187.0
100 35.3 29.9 44.9



#44
2,2,4-Trimethylpentane
Concen: 10.455 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.010 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 57 Resp: 508749
Ion Ratio Lower Upper
57 100
41 33.7 26.1 39.1
56 33.1 25.9 38.9

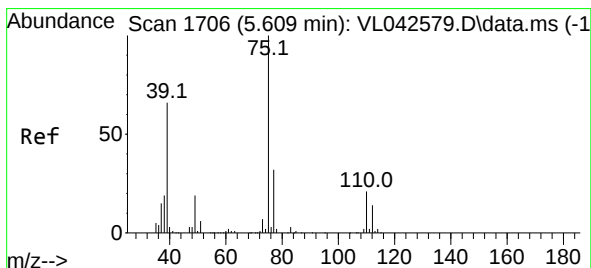
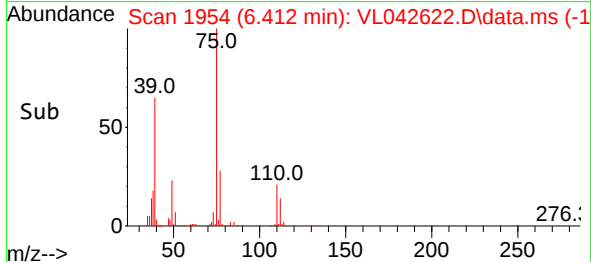
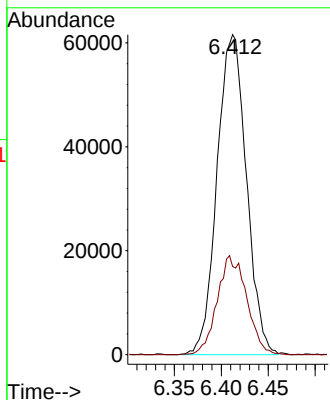
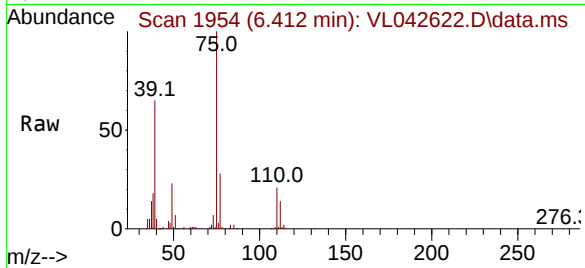




#45
t-1,3-Dichloropropene
Concen: 10.592 ppbv
RT: 6.412 min Scan# 1957
Delta R.T. -0.010 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

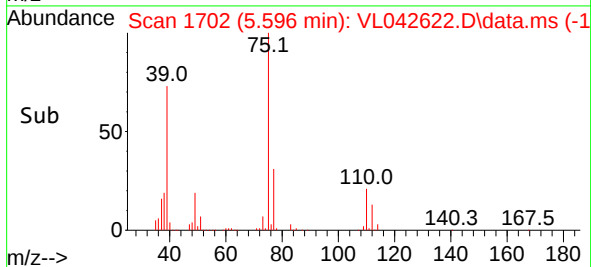
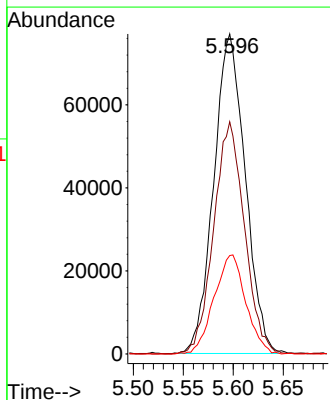
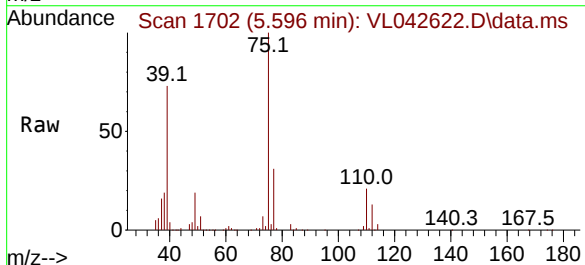
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

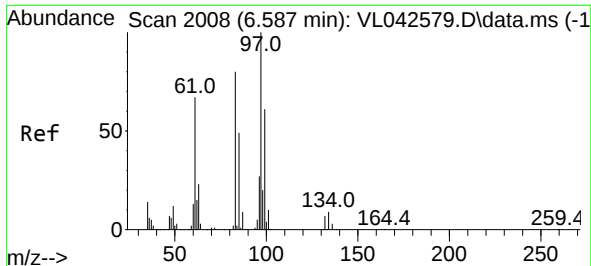
Tgt Ion: 75 Resp: 133838
Ion Ratio Lower Upper
75 100
77 27.5 24.2 36.2



#46
cis-1,3-Dichloropropene
Concen: 10.657 ppbv
RT: 5.596 min Scan# 1702
Delta R.T. -0.013 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 75 Resp: 168729
Ion Ratio Lower Upper
75 100
39 72.4 52.7 79.1
77 30.6 25.8 38.8

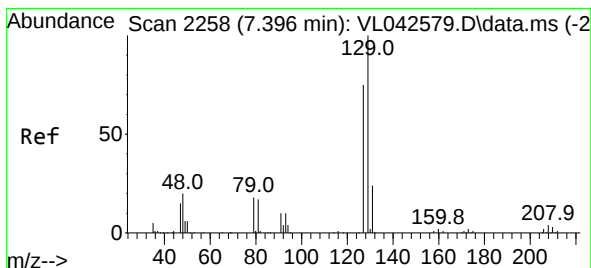
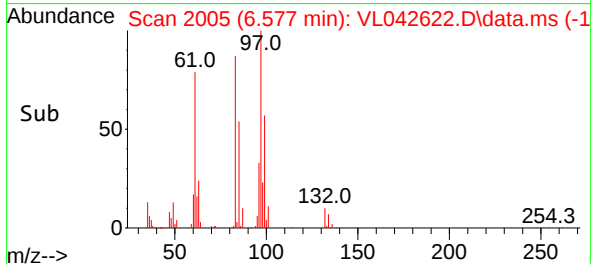
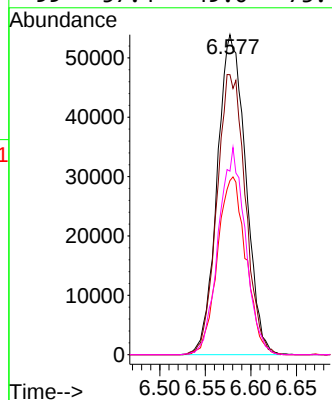
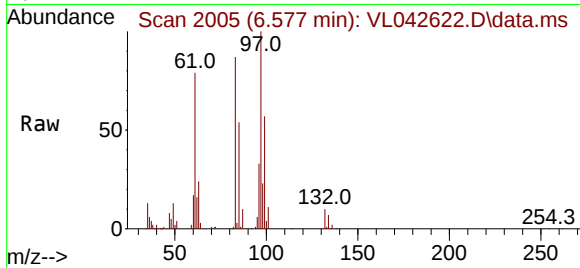




#47
 1,1,2-Trichloroethane
 Concen: 10.750 ppbv
 RT: 6.577 min Scan# 2008
 Delta R.T. -0.010 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

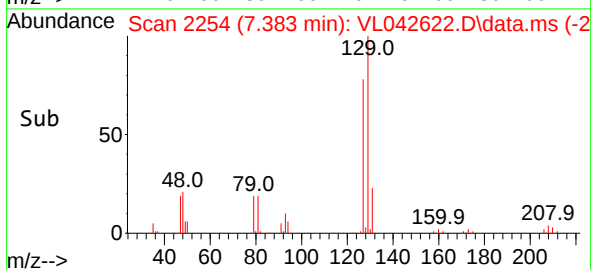
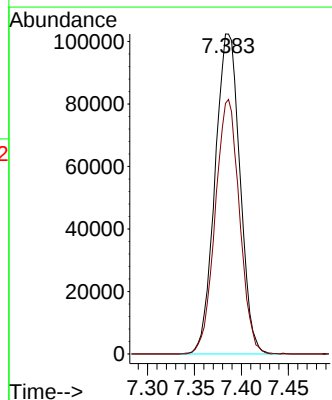
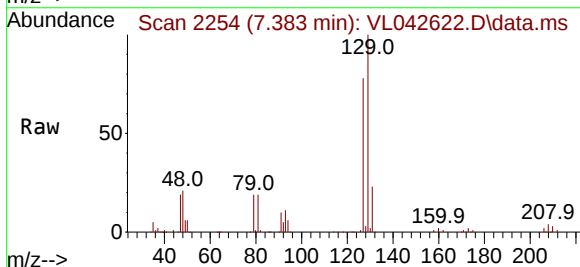
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

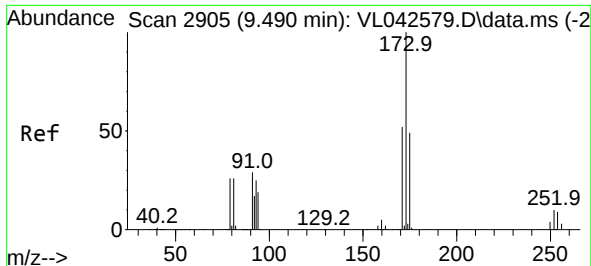
Tgt Ion: 97	Resp: 117073
Ion Ratio	Lower Upper
97 100	
83 87.5	63.9 95.9
85 54.4	39.2 58.8
99 57.4	49.0 73.4



#48
 Dibromochloromethane
 Concen: 10.848 ppbv
 RT: 7.383 min Scan# 2254
 Delta R.T. -0.013 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

Tgt Ion:129	Resp: 189133
Ion Ratio	Lower Upper
129 100	
127 77.4	39.0 116.9

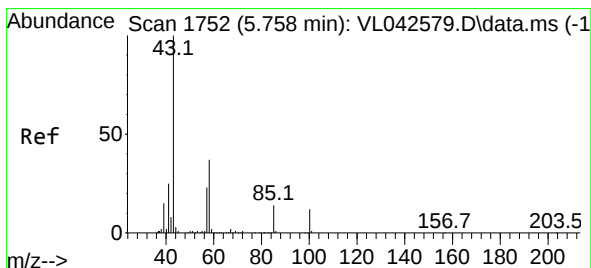
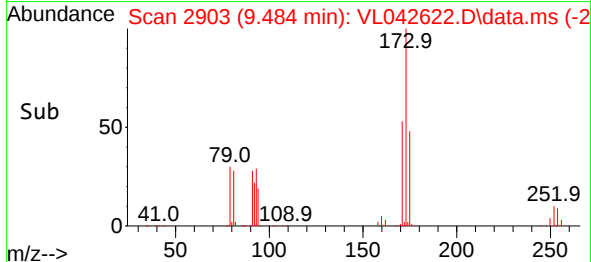
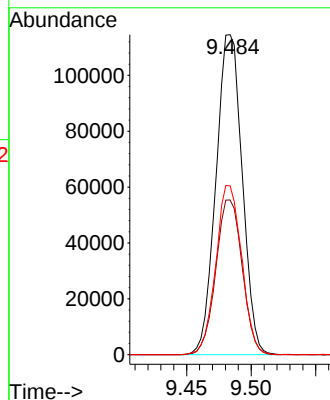
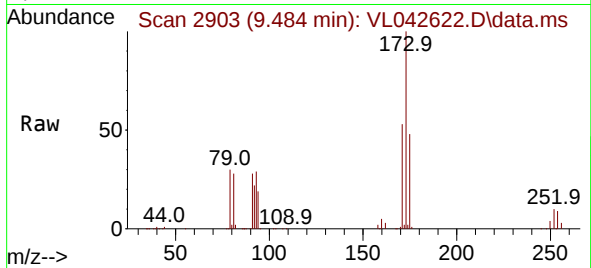




#49
Bromoform
Concen: 10.771 ppbv
RT: 9.484 min Scan# 2905
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

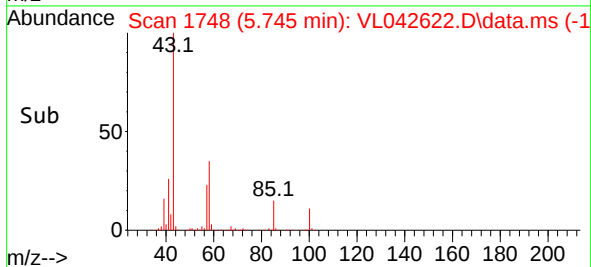
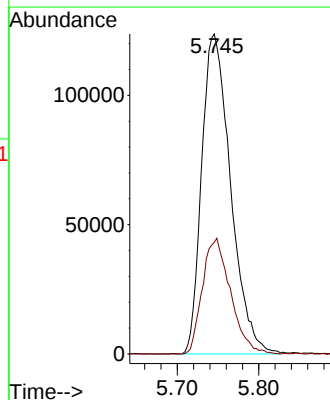
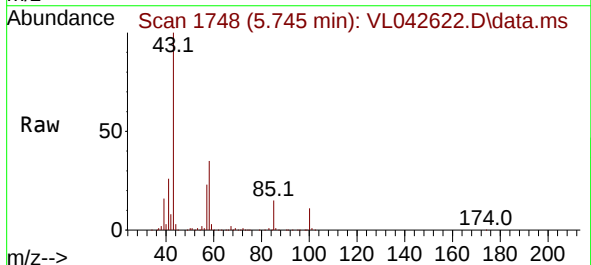
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

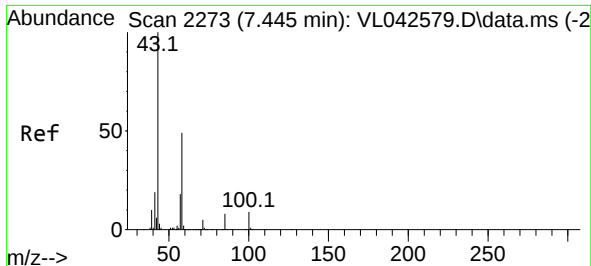
Tgt Ion:173 Resp: 162032
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
171 52.1 41.2 61.8



#50
4-Methyl-2-Pentanone
Concen: 10.684 ppbv
RT: 5.745 min Scan# 1748
Delta R.T. -0.013 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 43 Resp: 305302
Ion Ratio Lower Upper
43 100
58 35.2 28.3 42.5

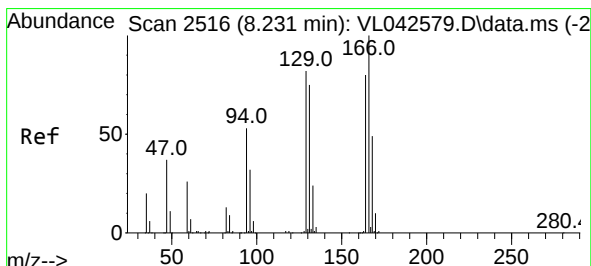
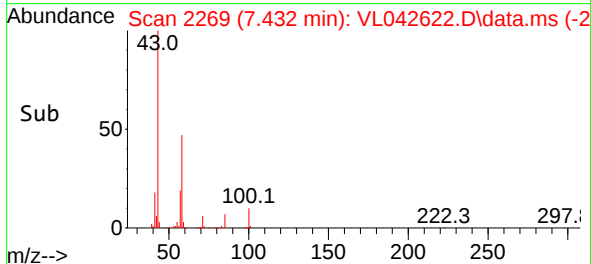
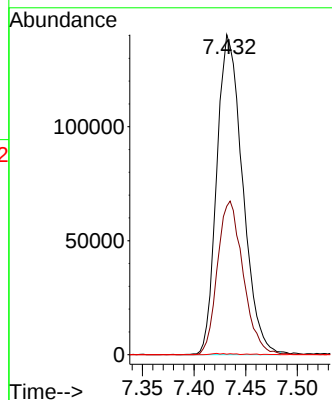
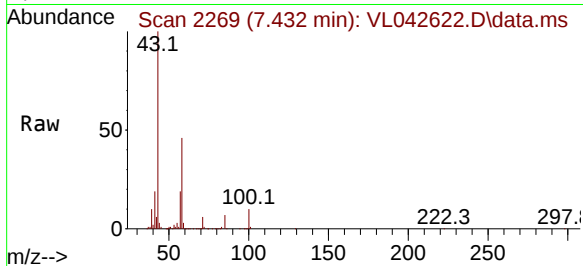




#51
2-Hexanone
Concen: 10.778 ppbv
RT: 7.432 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

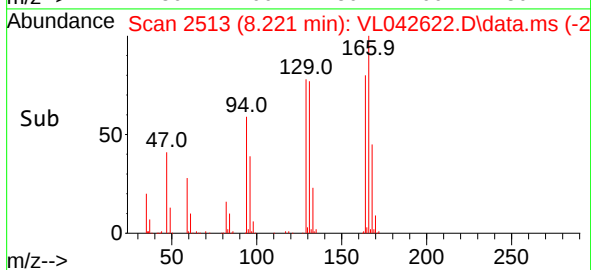
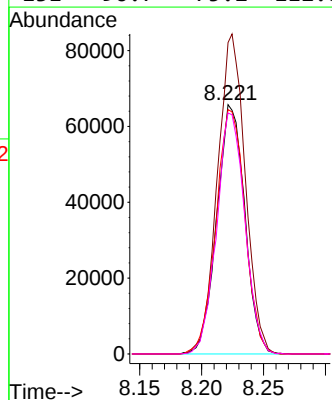
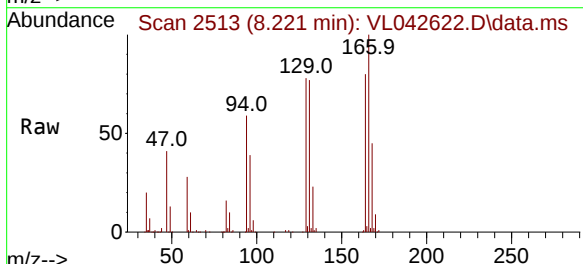
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

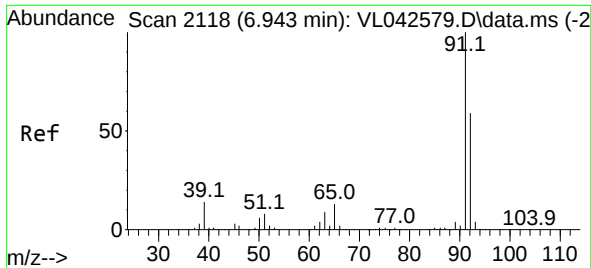
Tgt Ion: 43 Resp: 244283
Ion Ratio Lower Upper
43 100
58 47.9 39.9 59.9
98 0.4 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.704 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.010 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 164 Resp: 103159
Ion Ratio Lower Upper
164 100
166 124.9 100.0 150.0
129 98.0 82.2 123.4
131 96.7 75.2 112.8

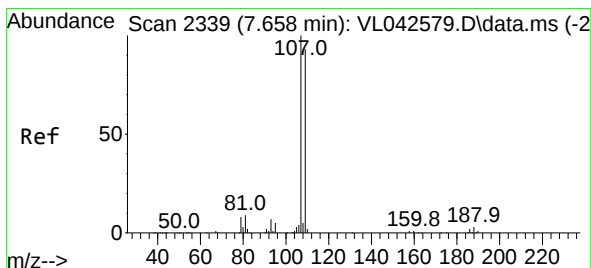
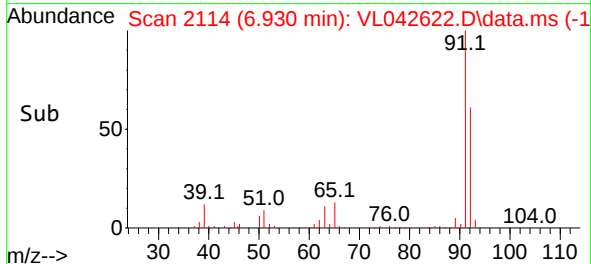
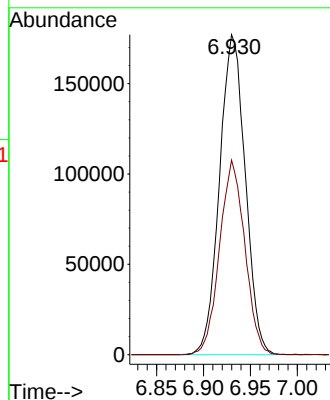
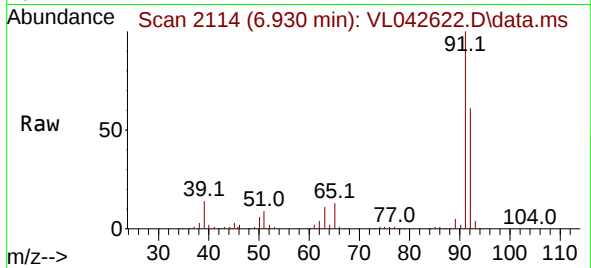




#53
Toluene
Concen: 10.265 ppbv
RT: 6.930 min Scan# 2118
Delta R.T. -0.013 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

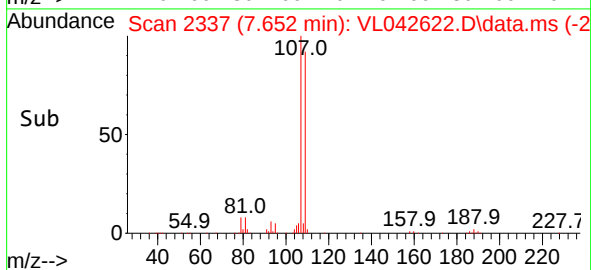
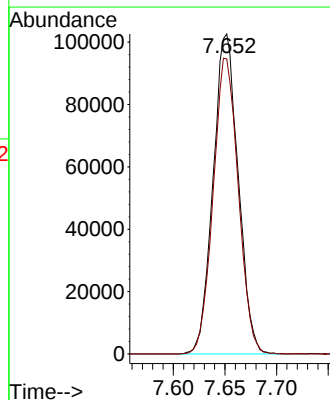
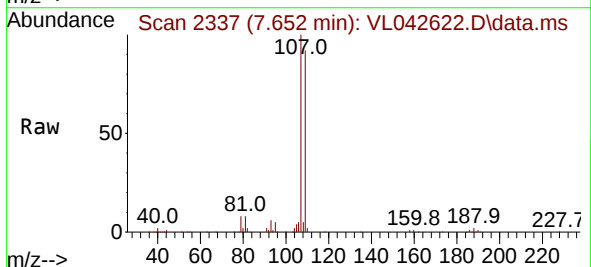
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

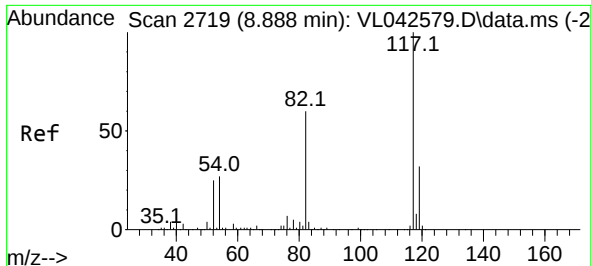
Tgt Ion: 91 Resp: 337532
Ion Ratio Lower Upper
91 100
92 59.7 48.2 72.4



#54
1,2-Dibromoethane
Concen: 10.772 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 107 Resp: 173642
Ion Ratio Lower Upper
107 100
109 92.2 74.3 111.5

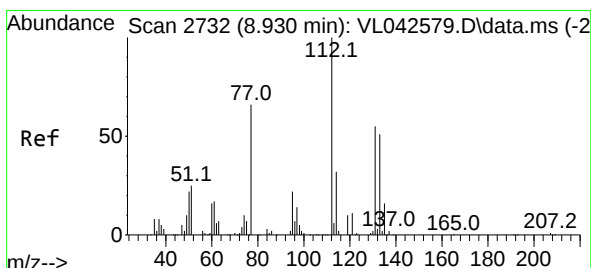
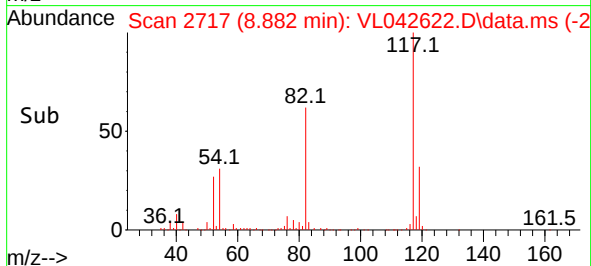
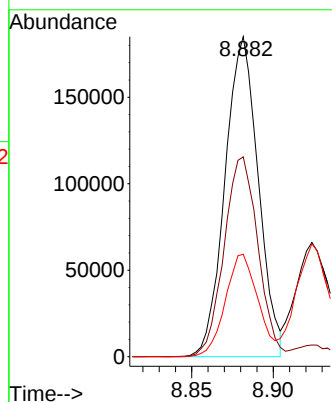
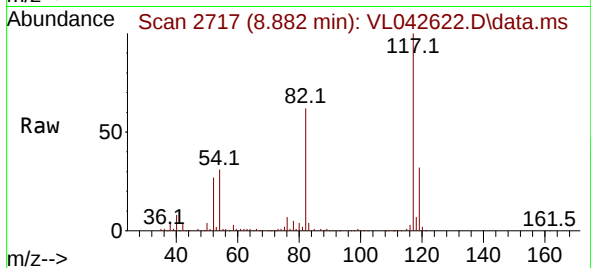




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

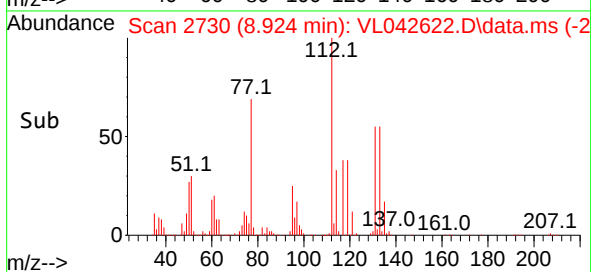
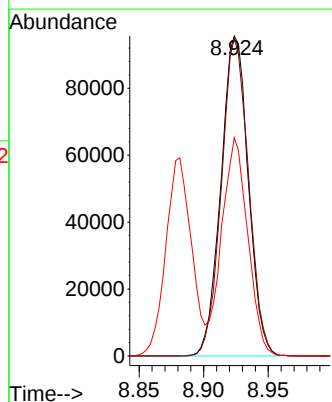
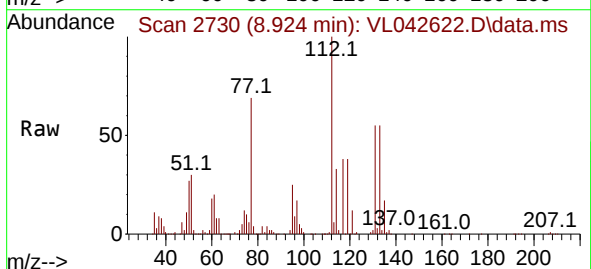
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

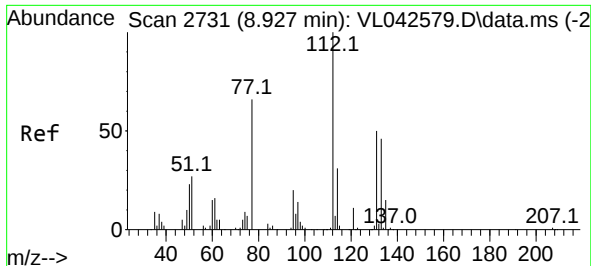
Tgt Ion:117 Resp: 262507
Ion Ratio Lower Upper
117 100
82 67.3 51.2 76.8
119 30.6 26.3 39.5



#56
1,1,1,2-Tetrachloroethane
Concen: 10.680 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. -0.007 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion:131 Resp: 140969
Ion Ratio Lower Upper
131 100
133 98.2 75.0 112.6
119 65.3 50.8 76.2

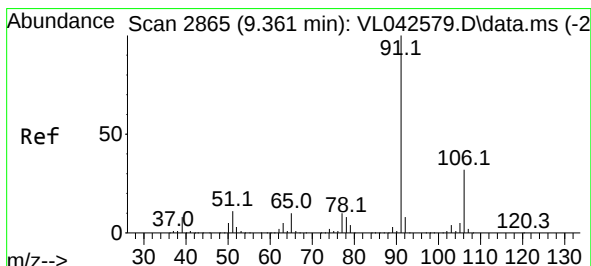
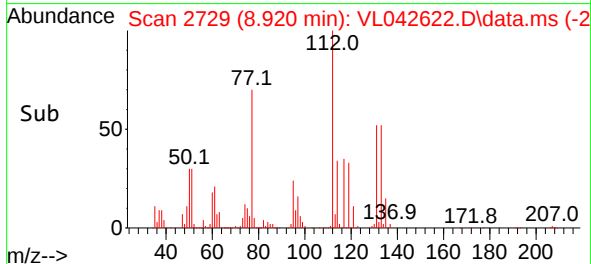
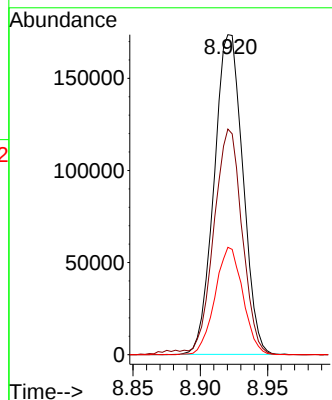
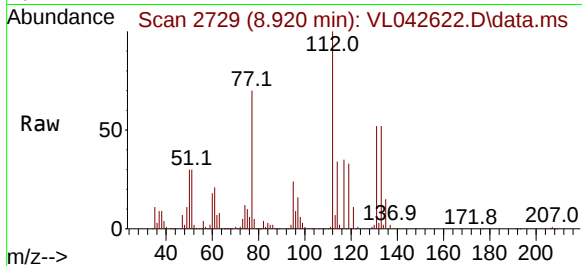




#57
Chlorobenzene
Concen: 10.116 ppbv
RT: 8.920 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

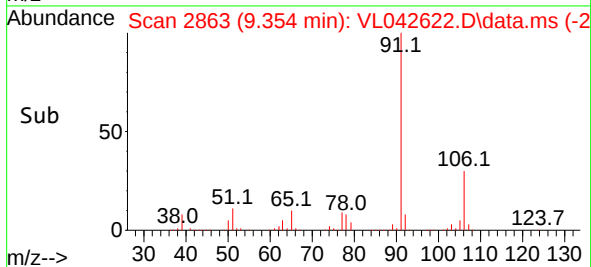
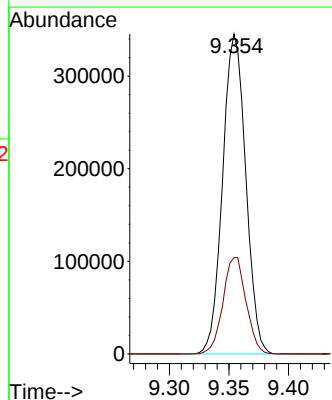
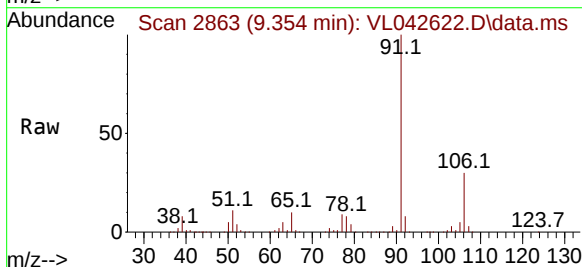
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

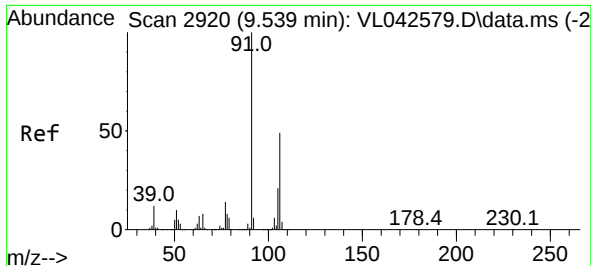
Tgt Ion:112 Resp: 257844
Ion Ratio Lower Upper
112 100
77 70.5 53.5 80.3
114 33.5 27.8 34.0



#58
Ethyl Benzene
Concen: 10.452 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 91 Resp: 465413
Ion Ratio Lower Upper
91 100
106 30.1 25.9 38.9





#59

m/p-Xylene

Concen: 11.421 ppbv

RT: 9.532 min Scan# 2918

Delta R.T. -0.006 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_1

ClientSampleId :

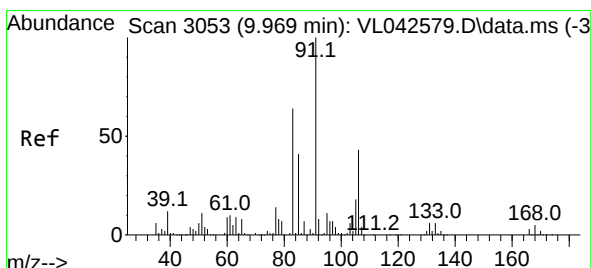
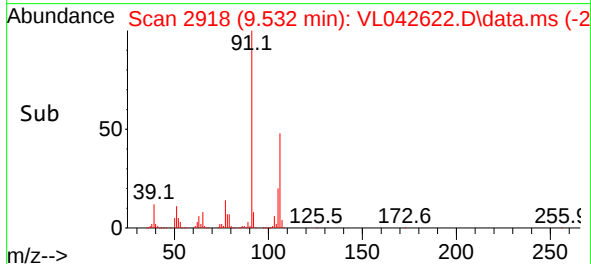
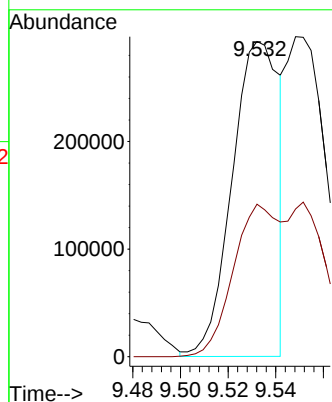
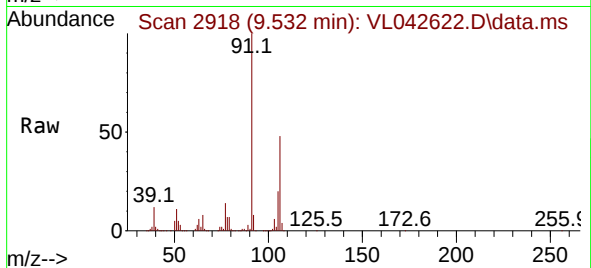
VSTDCCC010

Tgt Ion: 91 Resp: 400220

Ion Ratio Lower Upper

91 100

106 0.0 38.8 58.2#



#60

o-Xylene

Concen: 10.551 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. -0.006 min

Lab File: VL042622.D

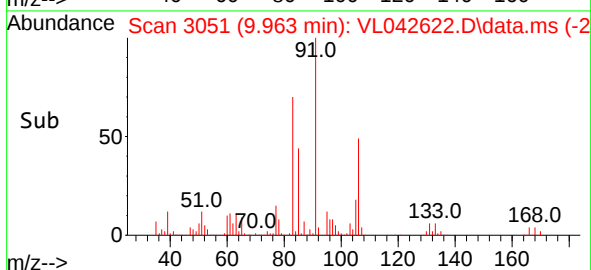
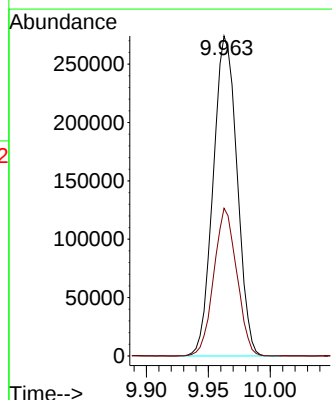
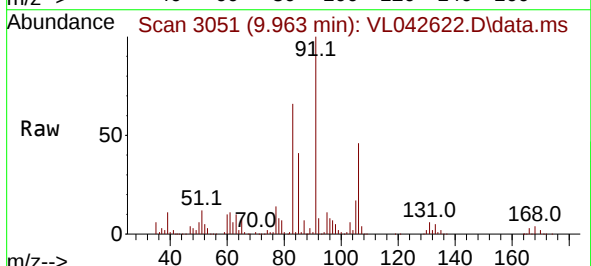
Acq: 16 Jun 2025 08:54

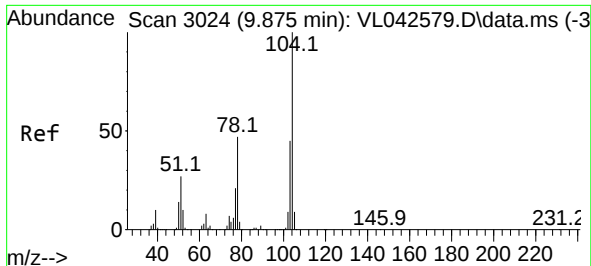
Tgt Ion: 91 Resp: 368739

Ion Ratio Lower Upper

91 100

106 44.5 22.9 68.5

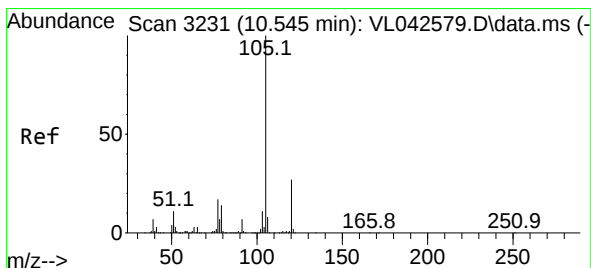
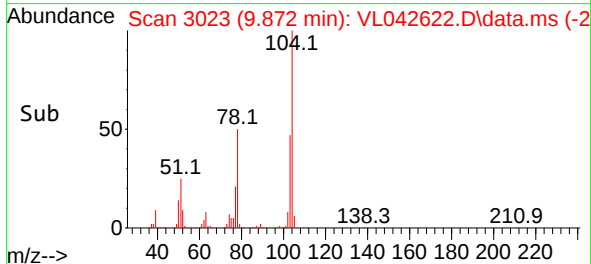
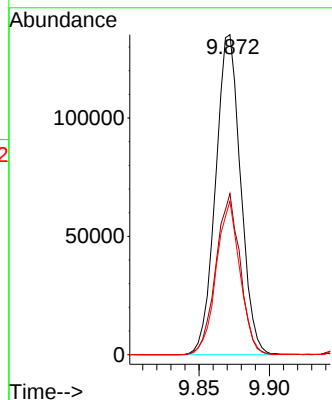
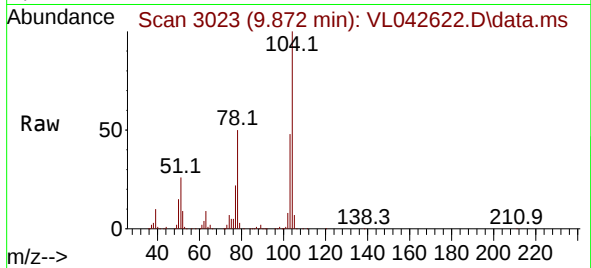




#61
Styrene
Concen: 10.130 ppbv
RT: 9.872 min Scan# 3024
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

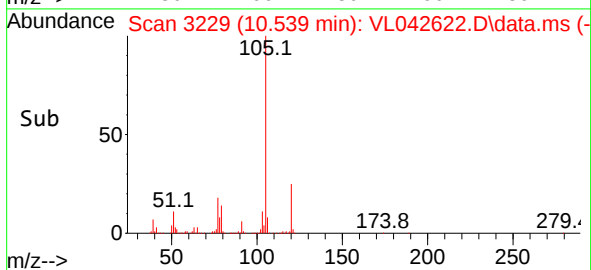
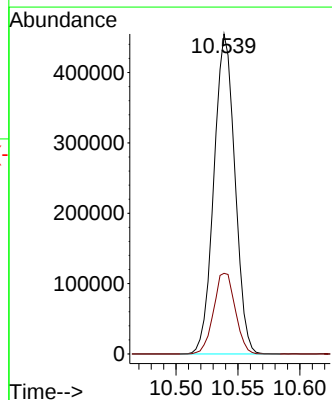
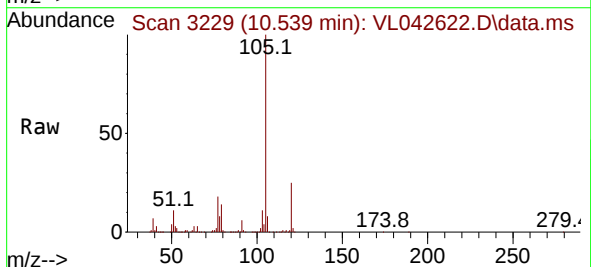
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

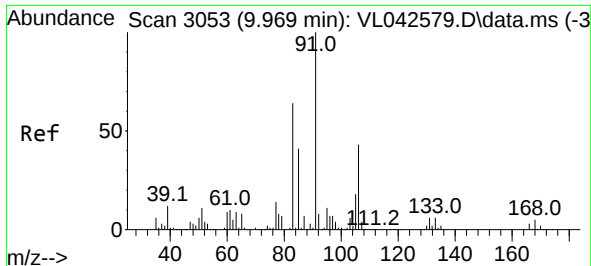
Tgt Ion:104 Resp: 167379
Ion Ratio Lower Upper
104 100
78 48.9 38.2 57.4
103 45.7 36.7 55.1



#62
Isopropylbenzene
Concen: 10.405 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.007 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion:105 Resp: 537202
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3





#63

1,1,2,2-Tetrachloroethane

Concen: 10.572 ppbv

RT: 9.963 min Scan# 3053

Delta R.T. -0.006 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

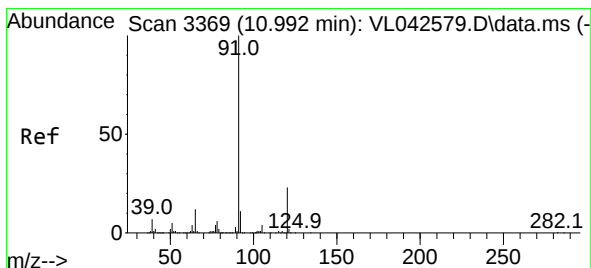
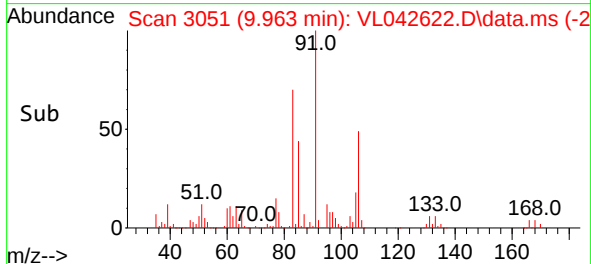
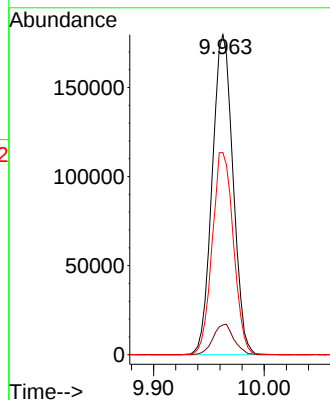
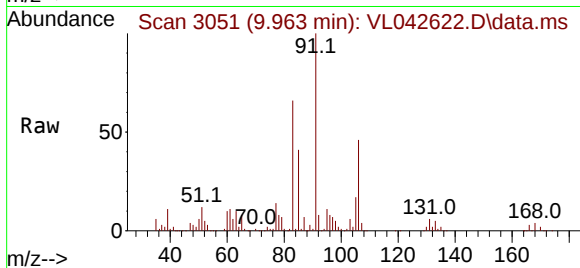
Tgt Ion: 83 Resp: 234954

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

85 64.4 32.5 97.4



#64

n-propylbenzene

Concen: 10.210 ppbv

RT: 10.989 min Scan# 3368

Delta R.T. -0.003 min

Lab File: VL042622.D

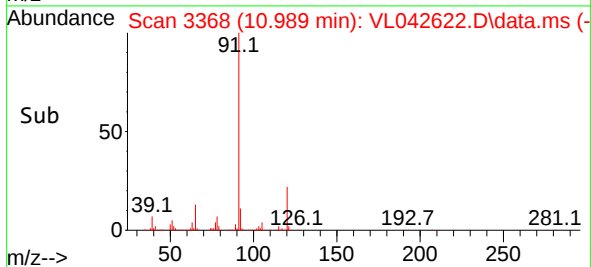
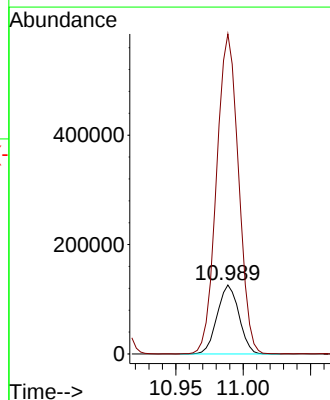
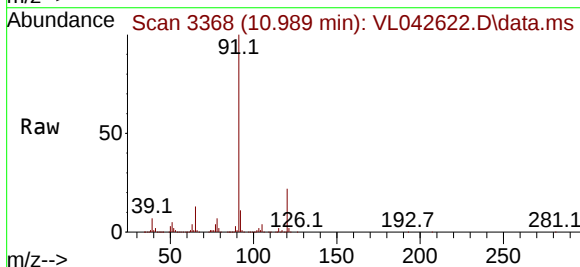
Acq: 16 Jun 2025 08:54

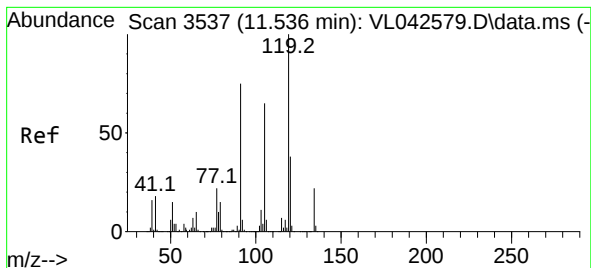
Tgt Ion: 120 Resp: 141307

Ion Ratio Lower Upper

120 100

91 469.4 363.0 544.6

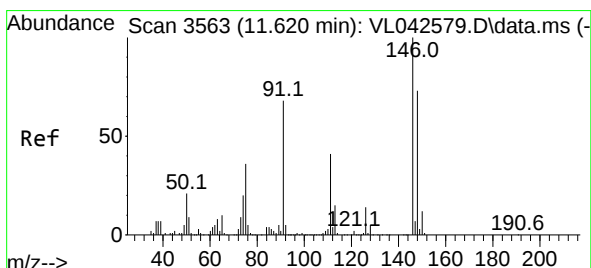
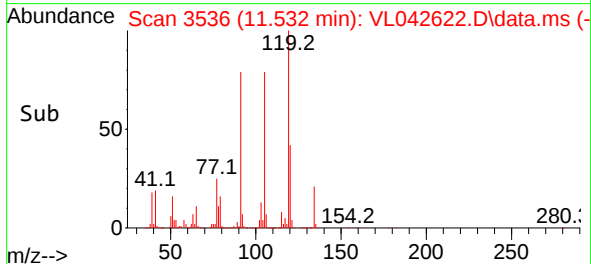
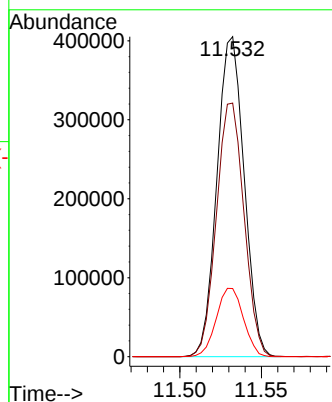
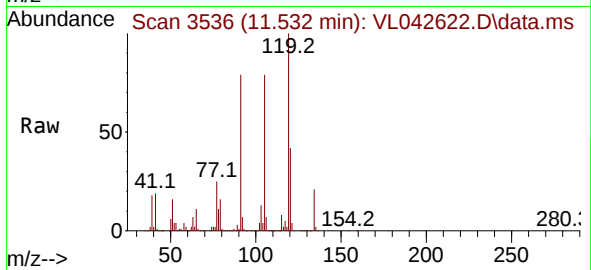




#65
tert-Butylbenzene
Concen: 10.024 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

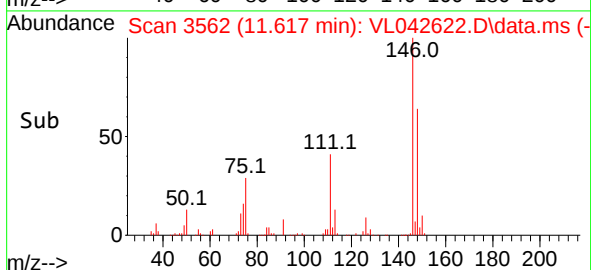
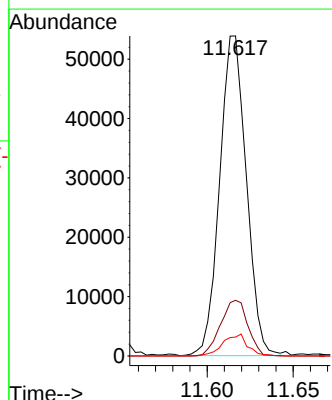
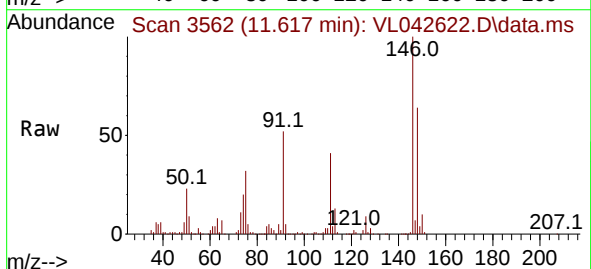
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

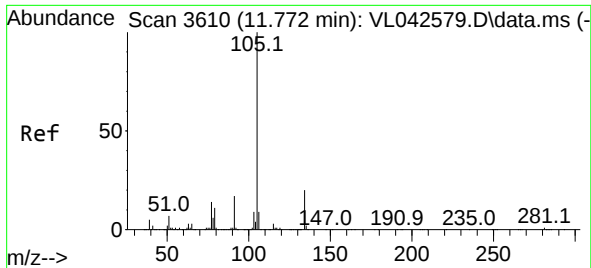
Tgt Ion:119 Resp: 469685
Ion Ratio Lower Upper
119 100
91 80.6 61.1 91.7
134 21.3 17.4 26.2



#66
Benzyl Chloride
Concen: 9.630 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 91 Resp: 58077
Ion Ratio Lower Upper
91 100
126 17.8 15.1 22.7
128 6.3 5.0 7.6

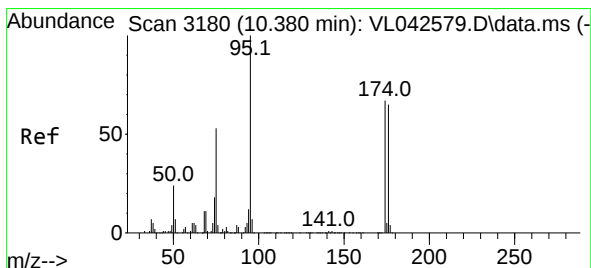
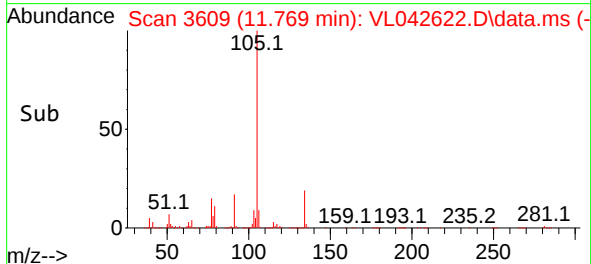
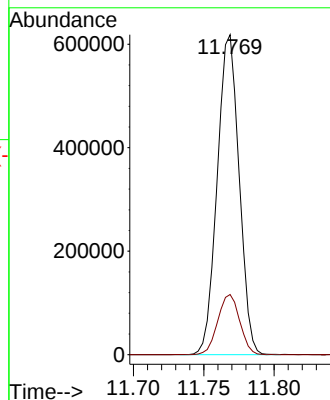
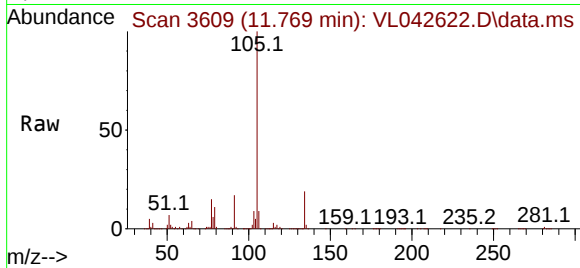




#67
 sec-Butylbenzene
 Concen: 10.172 ppbv
 RT: 11.769 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

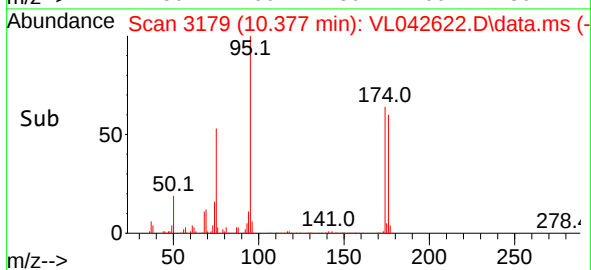
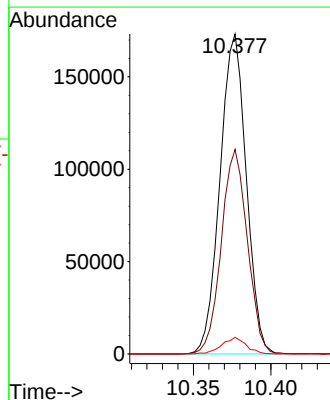
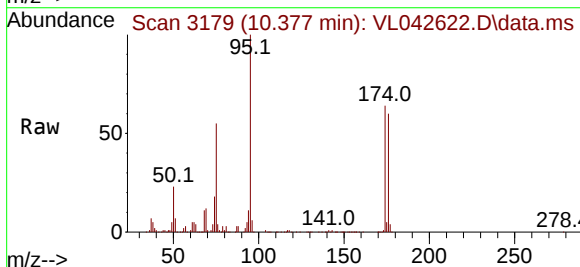
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

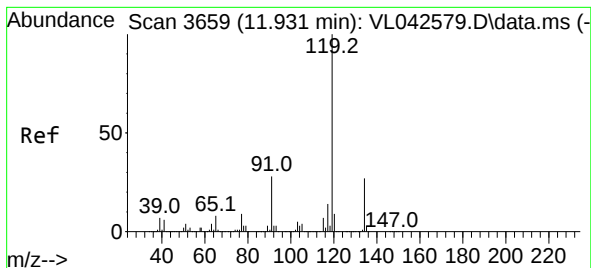
Tgt Ion:105 Resp: 670092
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.8 23.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.379 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

Tgt Ion: 95 Resp: 204239
 Ion Ratio Lower Upper
 95 100
 174 63.5 53.1 79.7
 175 4.8 4.2 6.2

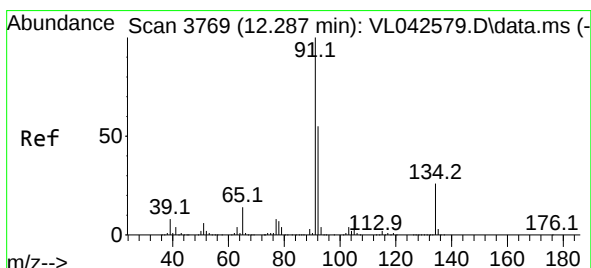
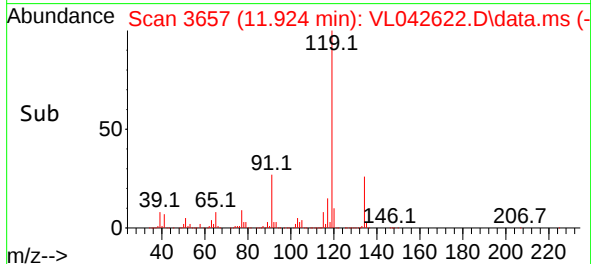
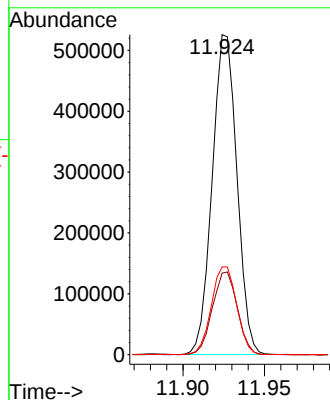
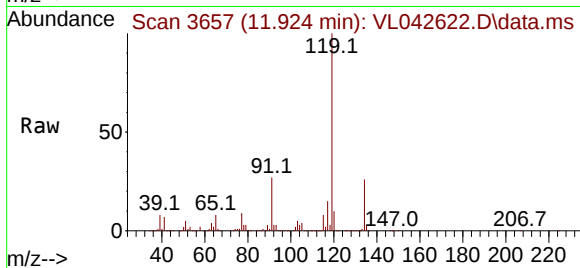




#69
p-Isopropyltoluene
Concen: 10.041 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.007 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

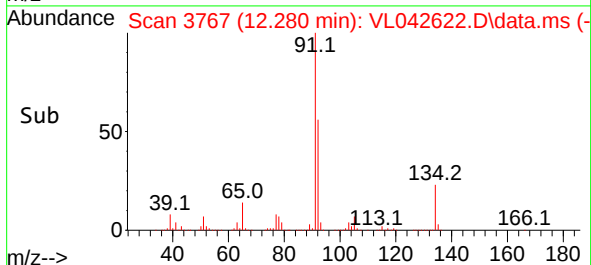
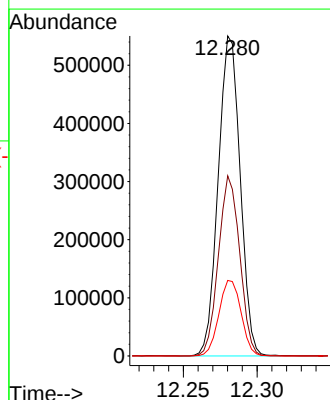
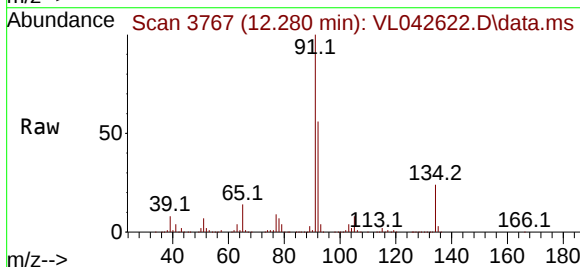
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

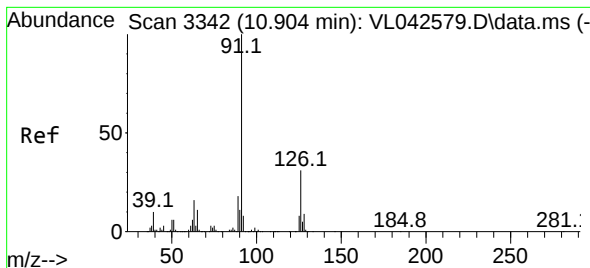
Tgt Ion:119 Resp: 553909
Ion Ratio Lower Upper
119 100
134 26.2 21.1 31.7
91 28.4 21.9 32.9



#70
n-Butylbenzene
Concen: 10.478 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 91 Resp: 570539
Ion Ratio Lower Upper
91 100
92 54.6 44.4 66.6
134 23.9 20.1 30.1

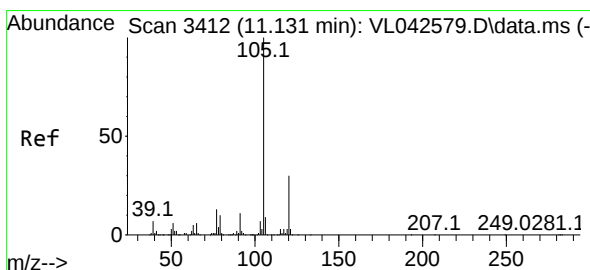
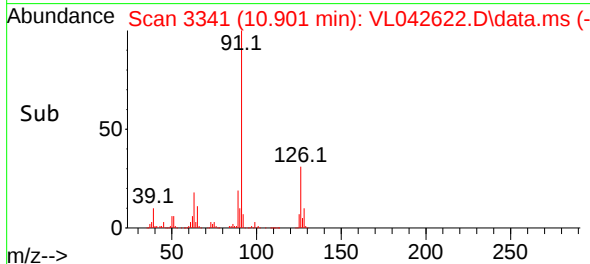
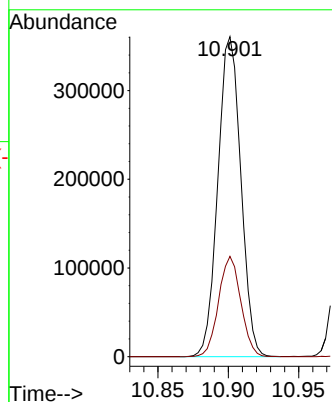
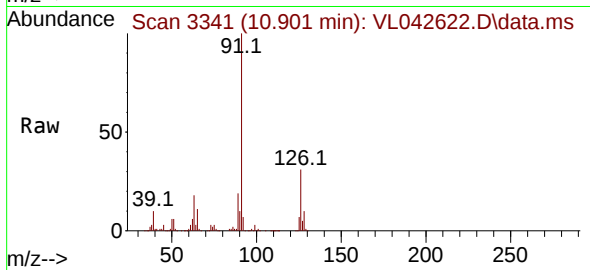




#71
2-Chlorotoluene
Concen: 10.423 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

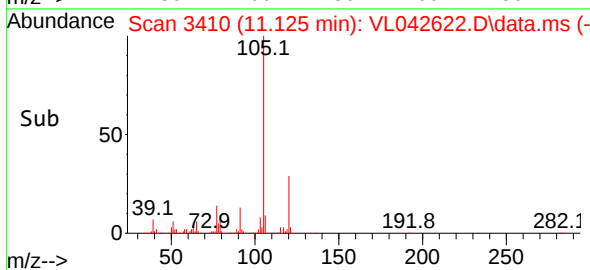
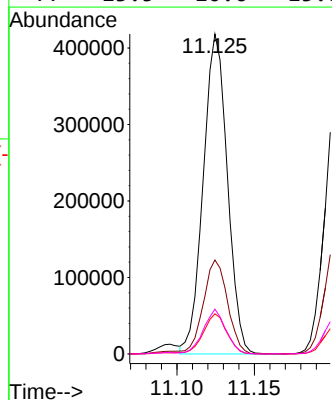
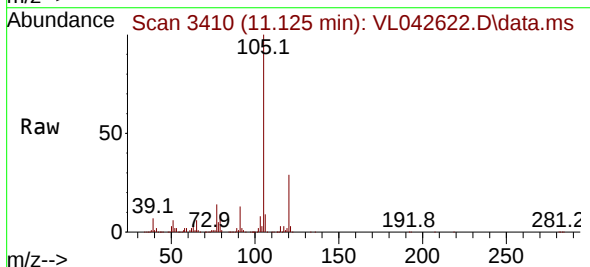
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

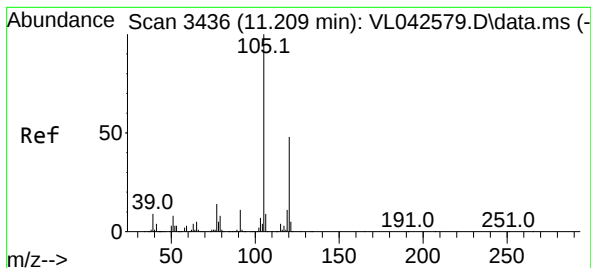
Tgt Ion: 91 Resp: 410506
Ion Ratio Lower Upper
91 100
126 30.3 12.6 50.4



#72
4-Ethyltoluene
Concen: 10.397 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. -0.007 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 105 Resp: 453022
Ion Ratio Lower Upper
105 100
120 30.2 24.6 36.8
91 12.6 9.6 14.4
77 13.5 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 10.419 ppbv

RT: 11.205 min Scan# 3436

Delta R.T. -0.003 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

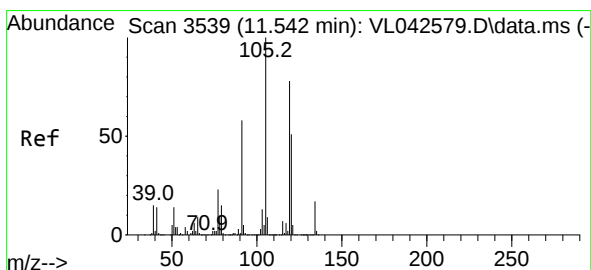
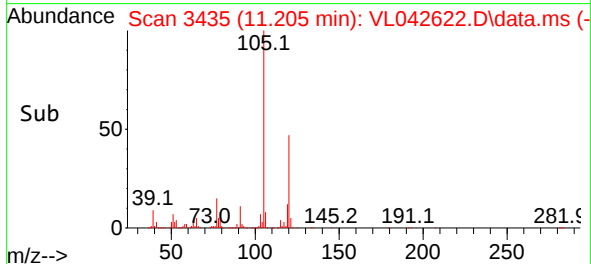
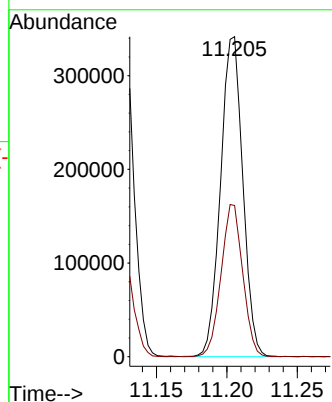
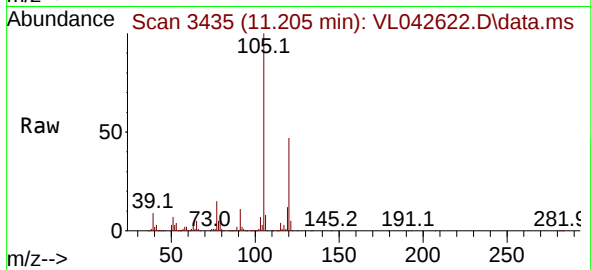
VSTDCCC010

Tgt Ion:105 Resp: 375736

Ion Ratio Lower Upper

105 100

120 47.2 38.8 58.2



#74

1,2,4-Trimethylbenzene

Concen: 10.253 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. -0.006 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Tgt Ion:105 Resp: 410308

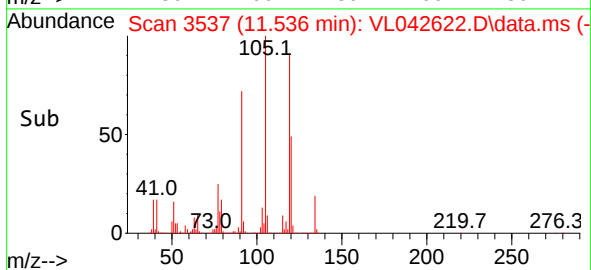
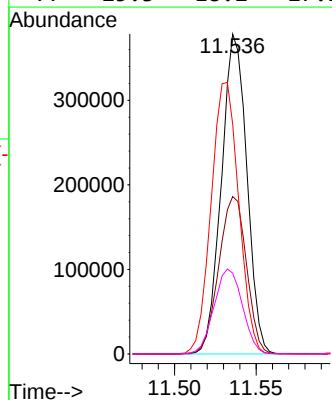
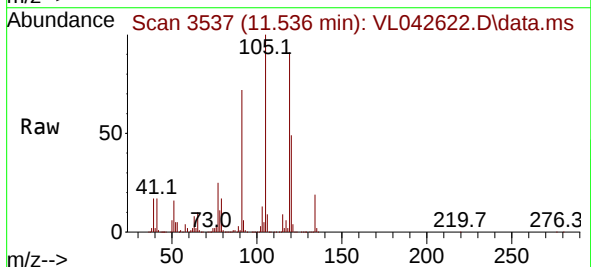
Ion Ratio Lower Upper

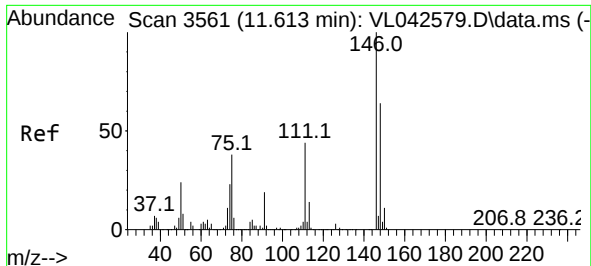
105 100

120 49.2 40.8 61.2

91 71.8 46.8 70.2#

77 25.3 18.2 27.2

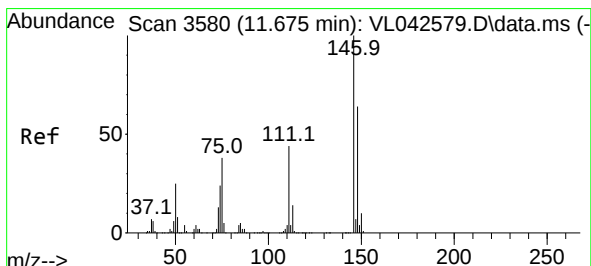
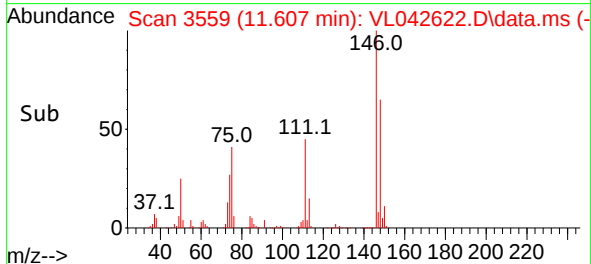
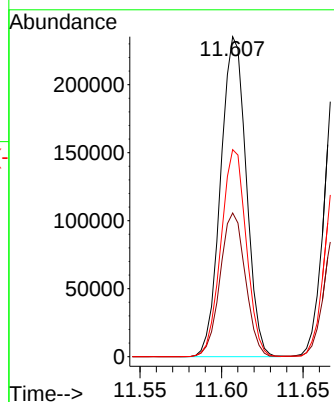
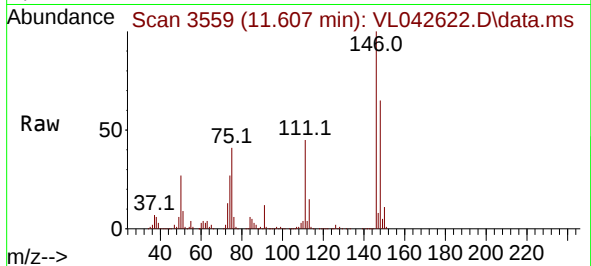




#75
1,3-Dichlorobenzene
Concen: 10.182 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

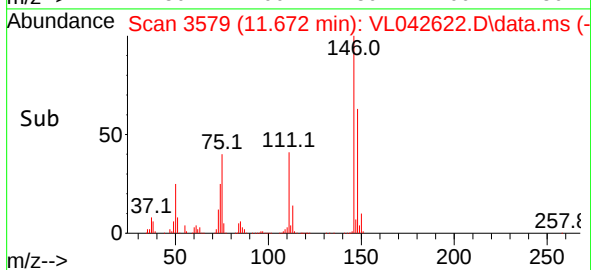
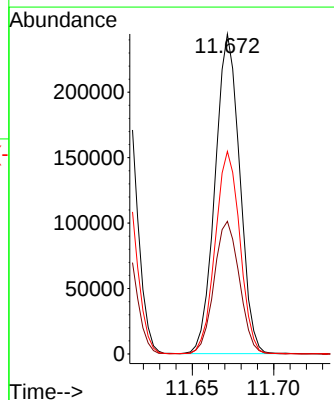
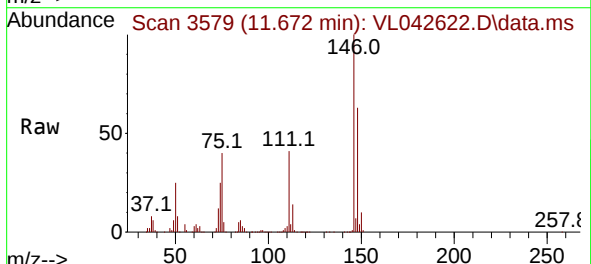
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

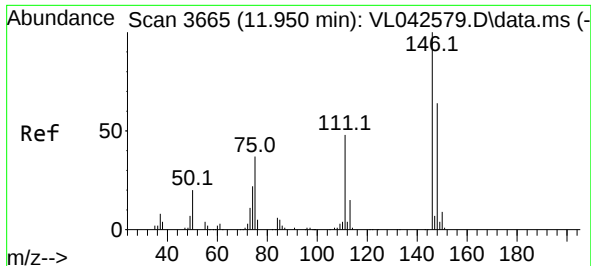
Tgt Ion:146 Resp: 255878
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.3
148 64.1 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 10.228 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion:146 Resp: 256373
Ion Ratio Lower Upper
146 100
111 42.8 21.6 64.8
148 63.6 32.1 96.5

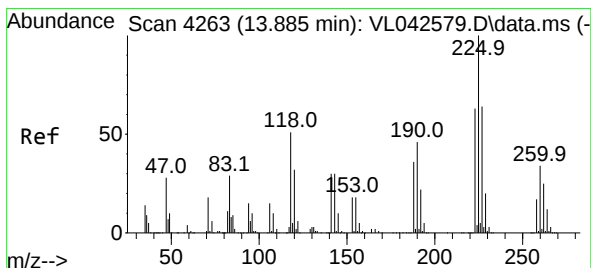
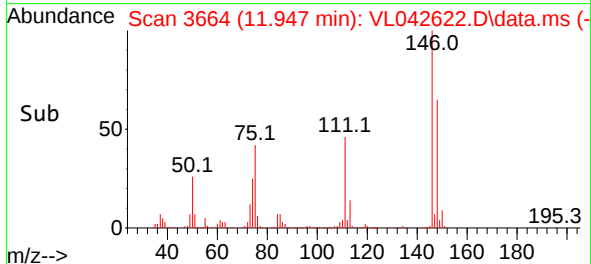
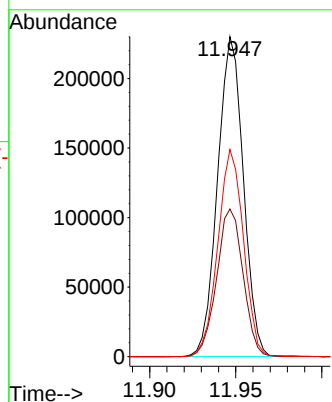
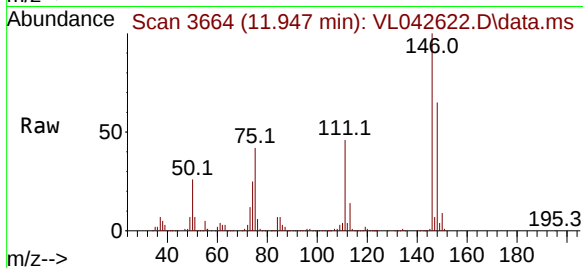




#77
1,2-Dichlorobenzene
Concen: 9.820 ppbv
RT: 11.947 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

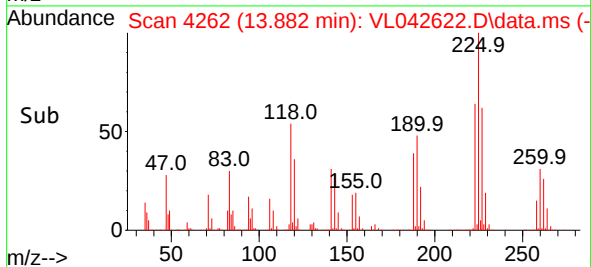
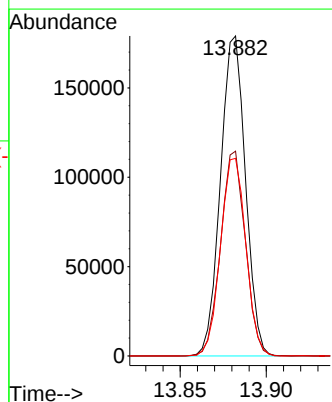
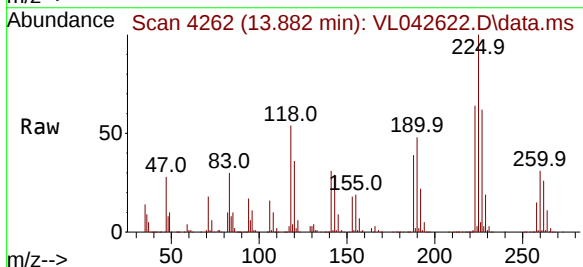
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

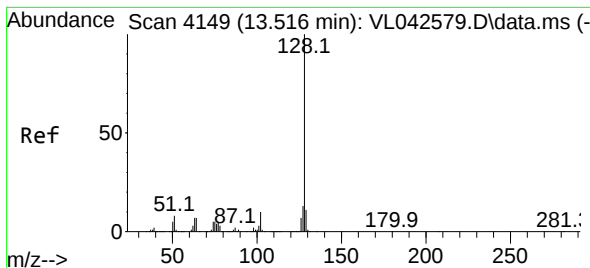
Tgt Ion:146 Resp: 239527
Ion Ratio Lower Upper
146 100
111 47.4 23.1 69.3
148 64.6 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 8.979 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion:225 Resp: 181205
Ion Ratio Lower Upper
225 100
223 63.3 50.2 75.4
227 62.7 51.1 76.7





#79

Naphthalene

Concen: 10.728 ppbv

RT: 13.513 min Scan# 4149

Delta R.T. -0.003 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

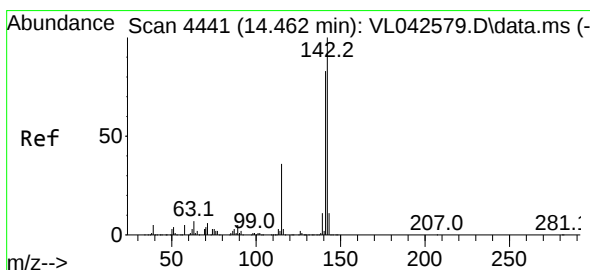
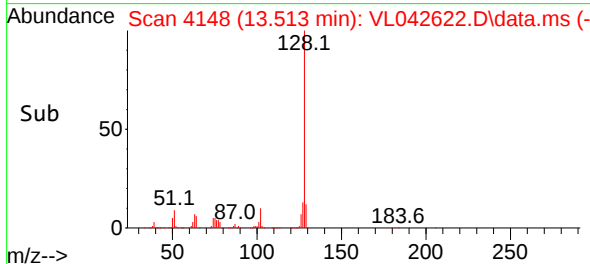
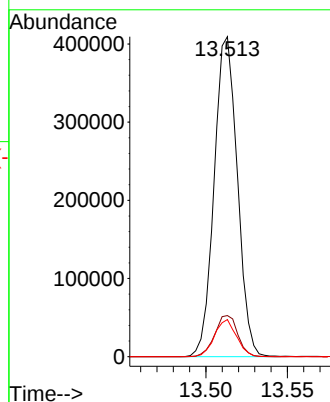
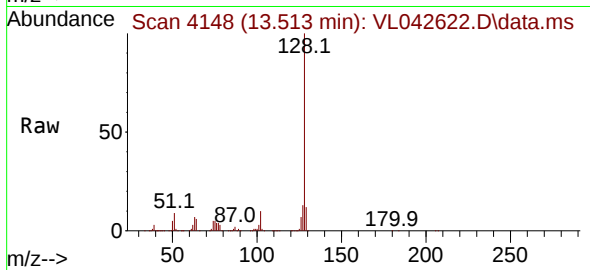
Tgt Ion:128 Resp: 404699

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.6 8.8 13.2



#80

Naphthalene, 2-methyl-

Concen: 11.702 ppbv

RT: 14.455 min Scan# 4439

Delta R.T. -0.007 min

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Acq: 16 Jun 2025 08:54

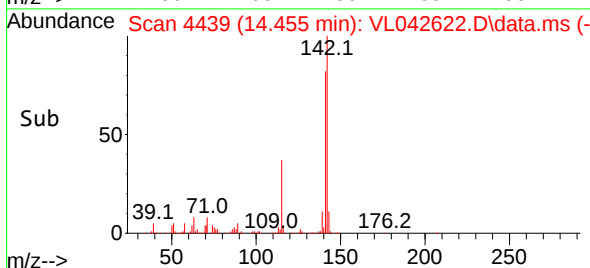
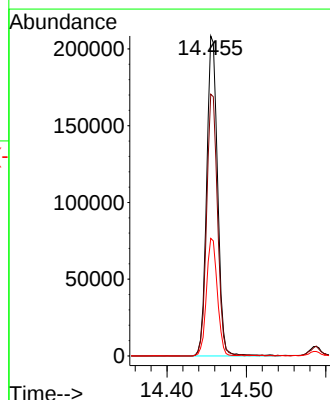
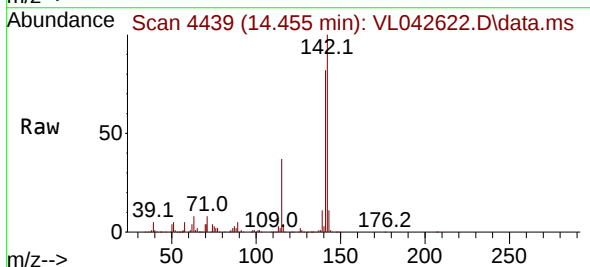
Tgt Ion:142 Resp: 199431

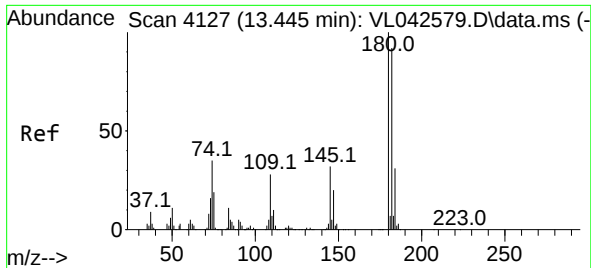
Ion Ratio Lower Upper

142 100

141 82.6 66.2 99.4

115 37.1 28.3 42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 9.932 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 209155
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.0 112.4
 184 30.2 24.6 36.8

