

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
 Data File : VL042605.D
 Acq On : 03 Jun 2025 11:37
 Operator : SY/MD
 Sample : VL0603ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01

Quant Time: Jun 04 01:37:46 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	100195	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	273130	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	248555	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	196000	10.519	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	116805	9.486	ppbv	100
3) Chlorodifluoromethane	1.476	51	154832	9.129	ppbv	98
4) Chloromethane	1.531	50	45976	9.428	ppbv	96
5) Vinyl Chloride	1.580	62	42781	8.612	ppbv	99
6) Bromomethane	1.667	94	21096	8.725	ppbv	97
7) Chloroethane	1.703	64	17444	9.038	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	96987	9.452	ppbv	99
9) Propene	1.483	41	60785	8.900	ppbv	96
10) Heptane	4.978	43	171372	8.901	ppbv	97
11) Trichlorofluoromethane	1.877	101	113591	9.914	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.140	101	86692	9.636	ppbv	98
13) Ethanol	1.722	45	4768	5.858	ppbv	90
14) Bromoethene	1.780	108	32127	9.493	ppbv	98
15) Acetone	1.835	43	95882	7.945	ppbv	96
16) 1,3-Butadiene	1.609	39	49157	8.598	ppbv	98
17) tert-Butyl alcohol	2.039	59	115511	9.187	ppbv	100
18) 1,1-Dichloroethene	2.033	96	38203	9.161	ppbv	88
19) Isopropyl Alcohol	1.884	45	65850	9.127	ppbv	97
20) Methylene Chloride	2.062	84	32684	8.206	ppbv	98
21) Allyl Chloride	2.094	41	75668	8.886	ppbv	97
22) trans-1,2-Dichloroethene	2.340	96	42509	9.126	ppbv	97
23) Vinyl Acetate	2.463	43	143695	8.808	ppbv	99
24) 1,1-Dichloroethane	2.408	63	86917	9.069	ppbv	100
25) Ethyl Acetate	2.836	43	311377	9.428	ppbv	99
26) Hexane	2.826	57	135168	9.007	ppbv	98
27) Carbon Disulfide	2.149	76	105834	9.186	ppbv	93
28) Methyl tert-Butyl Ether	2.437	73	51782	8.503	ppbv	98
29) Chloroform	2.848	83	189363	9.703	ppbv	99
30) Cyclohexane	3.855	84	112253	9.022	ppbv	98
31) cis-1,2-Dichloroethene	2.719	61	130702	9.521	ppbv	98
32) 1,1,1-Trichloroethane	3.366	97	189715	9.514	ppbv	98
34) 2-Butanone	2.557	43	205036	10.526	ppbv	99
35) Carbon Tetrachloride	3.761	117	188194	10.438	ppbv	96
36) Benzene	3.654	78	271225	10.084	ppbv	99
37) 1,2-Dichloroethane	3.217	62	148310	11.095	ppbv	99
38) Trichloroethene	4.548	130	110830	9.694	ppbv	95
39) 1,2-Dichloropropane	4.315	63	97258	9.778	ppbv	96
40) 1,4-Dioxane	4.583	88	43068	9.677	ppbv #	95
41) Tetrahydrofuran	3.052	42	112130	9.835	ppbv	99
42) Bromodichloromethane	4.489	83	207854	10.948	ppbv	96
43) Methyl Methacrylate	4.878	69	105026	10.061	ppbv	98
44) 2,2,4-Trimethylpentane	4.638	57	456755	9.928	ppbv	99
45) t-1,3-Dichloropropene	6.415	75	120977	10.127	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
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 Sample : VL0603ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01

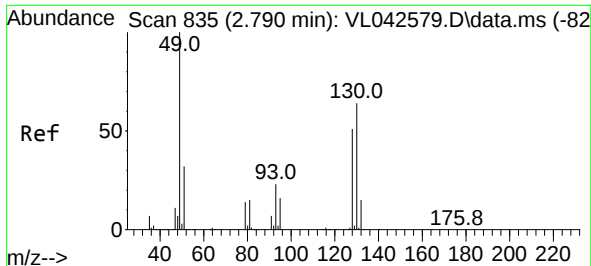
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 30 02:01:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	152793	10.208	ppbv	93
47) 1,1,2-Trichloroethane	6.580	97	103931	10.094	ppbv	97
48) Dibromochloromethane	7.386	129	168395	10.217	ppbv	99
49) Bromoform	9.484	173	148548	10.445	ppbv	99
50) 4-Methyl-2-Pentanone	5.752	43	273665	10.129	ppbv	99
51) 2-Hexanone	7.435	43	222080	10.364	ppbv #	97
52) Tetrachloroethene	8.225	164	93572	9.310	ppbv	97
53) Toluene	6.933	91	306074	9.846	ppbv	100
54) 1,2-Dibromoethane	7.655	107	154672	10.149	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.924	131	128470	10.279	ppbv	99
57) Chlorobenzene	8.924	112	236463	9.798	ppbv	99
58) Ethyl Benzene	9.357	91	424631	10.072	ppbv	95
59) m/p-Xylene	9.532	91	351575	10.596	ppbv #	29
60) o-Xylene	9.966	91	333639	10.082	ppbv	98
61) Styrene	9.872	104	152652	9.757	ppbv	98
62) Isopropylbenzene	10.542	105	494485	10.115	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.963	83	209295	9.947	ppbv	99
64) n-propylbenzene	10.989	120	129678	9.896	ppbv	94
65) tert-Butylbenzene	11.532	119	425244	9.585	ppbv	96
66) Benzyl Chloride	11.617	91	54337	9.515	ppbv	99
67) sec-Butylbenzene	11.769	105	614188	9.847	ppbv	98
69) p-Isopropyltoluene	11.927	119	514415	9.849	ppbv	99
70) n-Butylbenzene	12.283	91	525707	10.196	ppbv	99
71) 2-Chlorotoluene	10.901	91	371727	9.969	ppbv	98
72) 4-Ethyltoluene	11.125	105	417062	10.109	ppbv	98
73) 1,3,5-Trimethylbenzene	11.205	105	343506	10.060	ppbv	99
74) 1,2,4-Trimethylbenzene	11.539	105	377755	9.969	ppbv	98
75) 1,3-Dichlorobenzene	11.610	146	234893	9.871	ppbv	100
76) 1,4-Dichlorobenzene	11.672	146	236748	9.976	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	225623	9.769	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	168601	8.823	ppbv	99
79) Naphthalene	13.513	128	367068	10.277	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	182507	11.310	ppbv	98
81) 1,2,4-Trichlorobenzene	13.442	180	194387	9.749	ppbv	99

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

Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

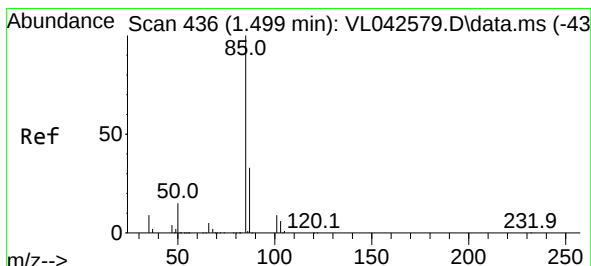
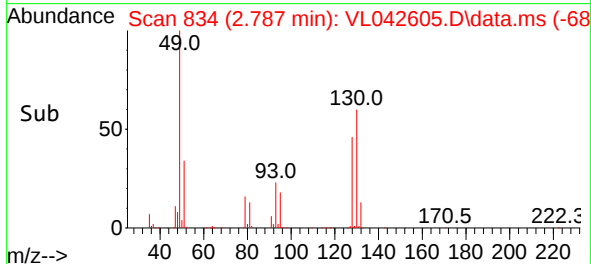
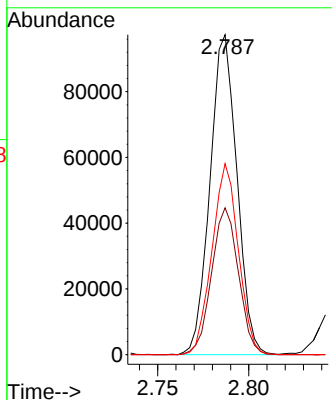
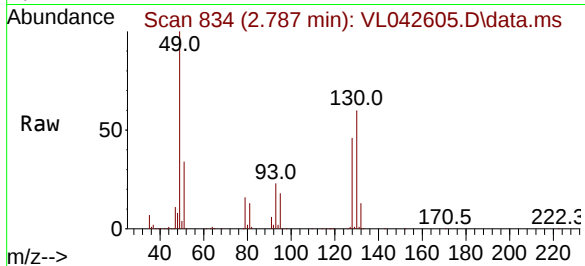
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

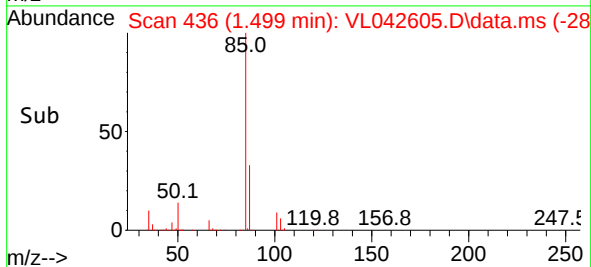
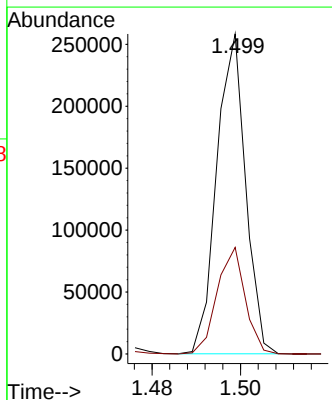
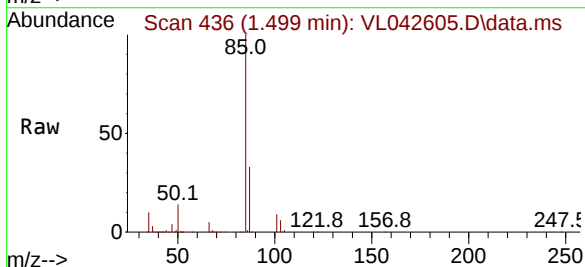
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ClientSampleId :
VL0603ABS01

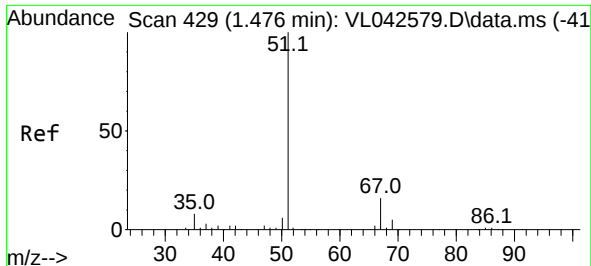
Tgt Ion: 49 Resp: 100195
Ion Ratio Lower Upper
49 100
128 45.8 24.2 72.6
130 58.4 30.4 91.2



#2
Dichlorodifluoromethane
Concen: 9.486 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 85 Resp: 116805
Ion Ratio Lower Upper
85 100
87 33.3 26.6 39.8

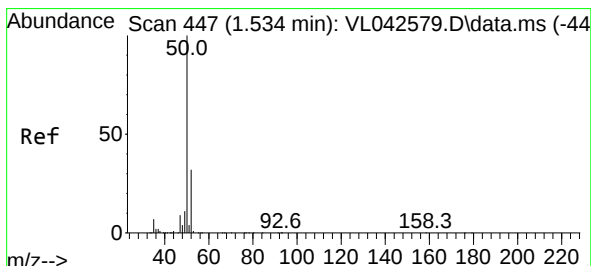
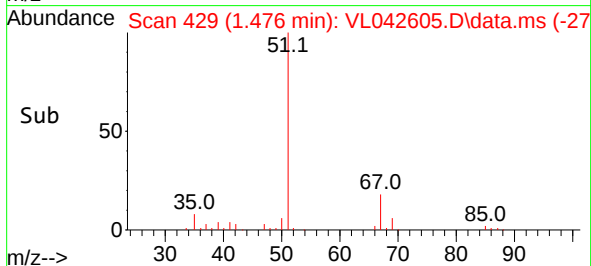
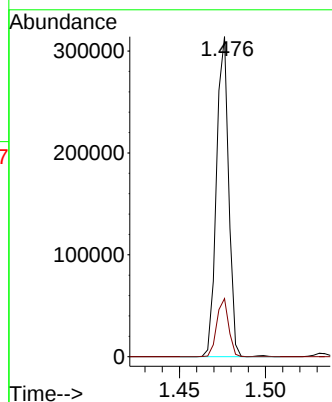
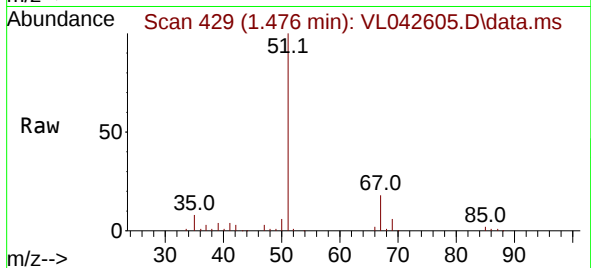




#3
Chlorodifluoromethane
Concen: 9.129 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

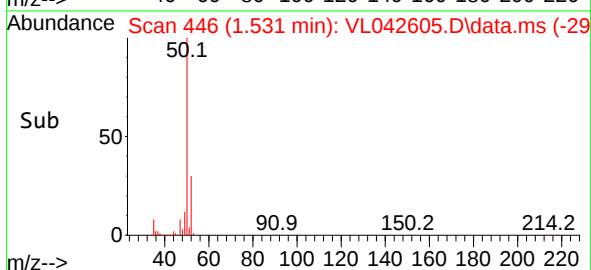
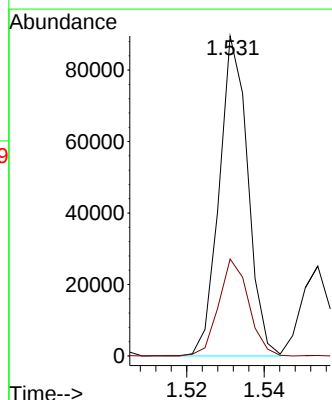
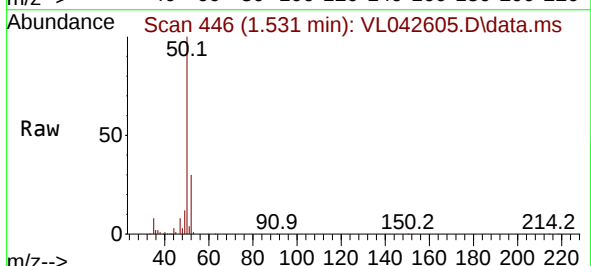
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ClientSampleId :
VL0603ABS01

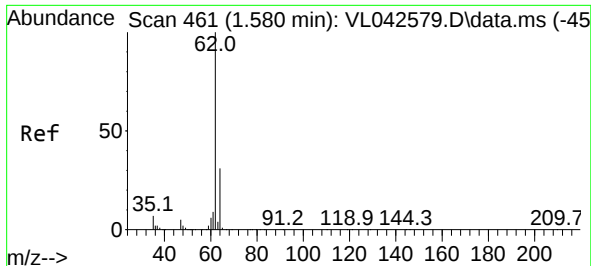
Tgt Ion: 51 Resp: 154832
Ion Ratio Lower Upper
51 100
67 17.7 13.4 20.2



#4
Chloromethane
Concen: 9.428 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 50 Resp: 45976
Ion Ratio Lower Upper
50 100
52 30.2 25.8 38.6

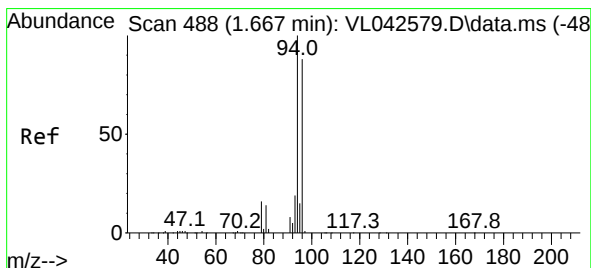
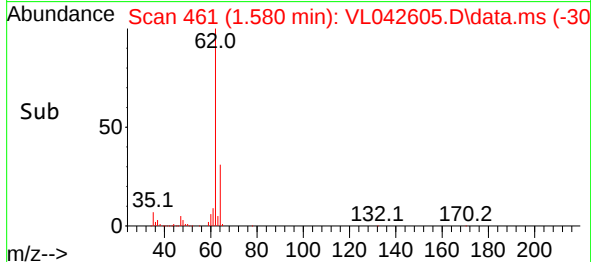
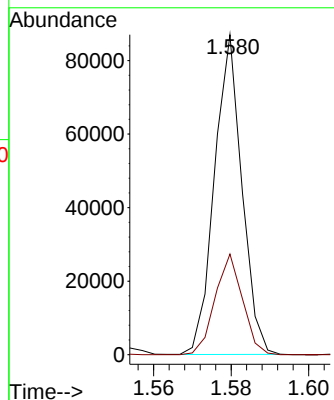
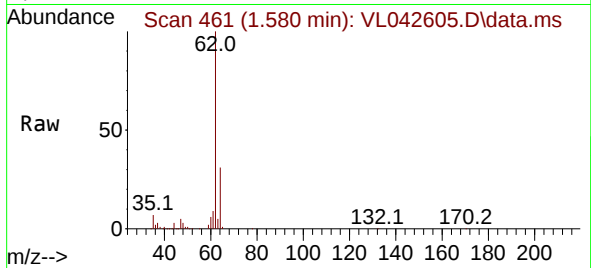




#5
 Vinyl Chloride
 Concen: 8.612 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

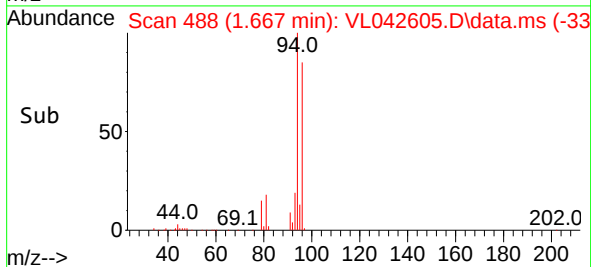
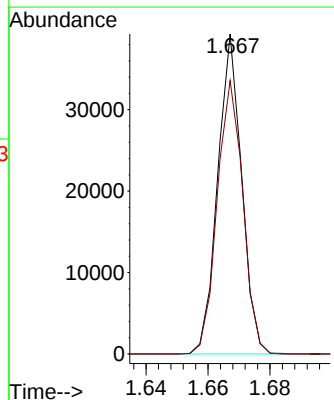
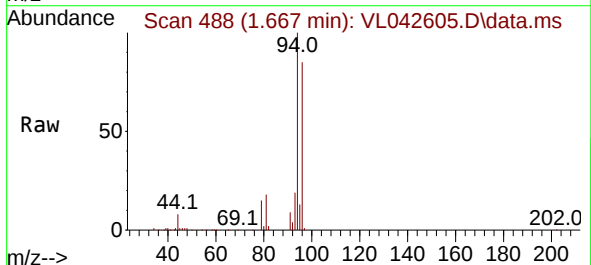
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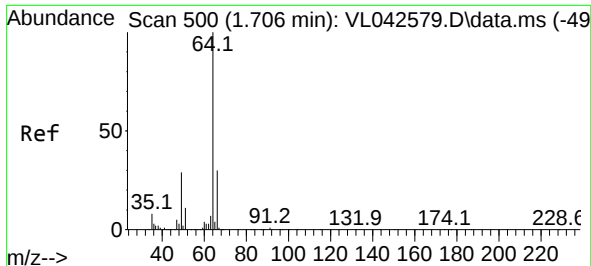
Tgt Ion: 62 Resp: 42781
 Ion Ratio Lower Upper
 62 100
 64 31.5 24.9 37.3



#6
 Bromomethane
 Concen: 8.725 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

Tgt Ion: 94 Resp: 21096
 Ion Ratio Lower Upper
 94 100
 96 85.4 70.7 106.1

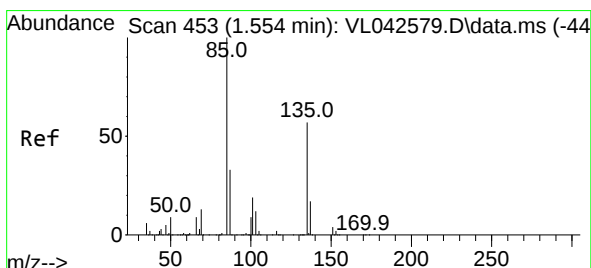
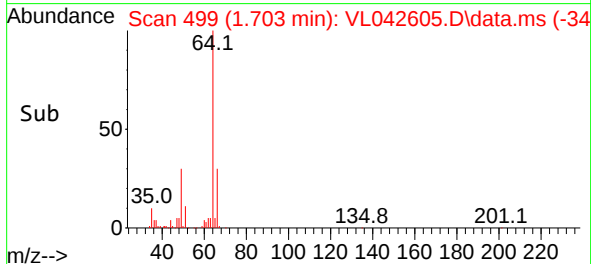
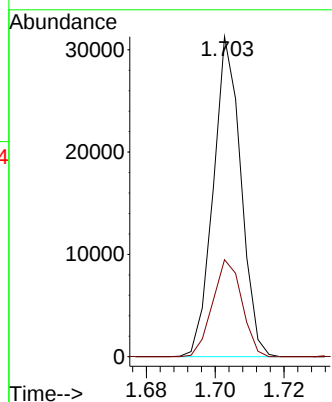
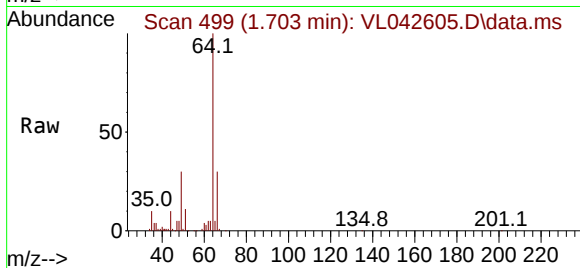




#7
Chloroethane
Concen: 9.038 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

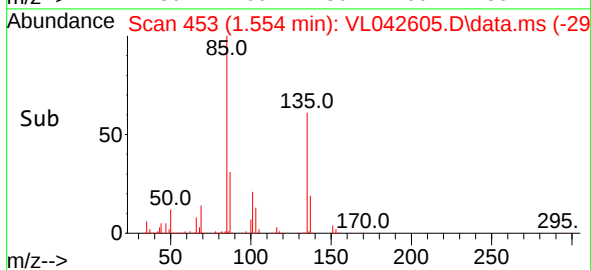
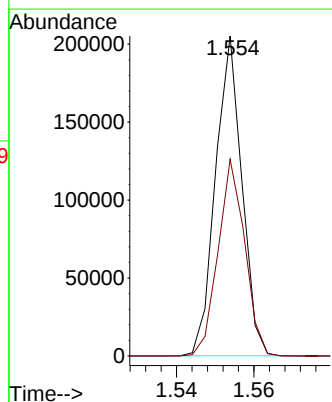
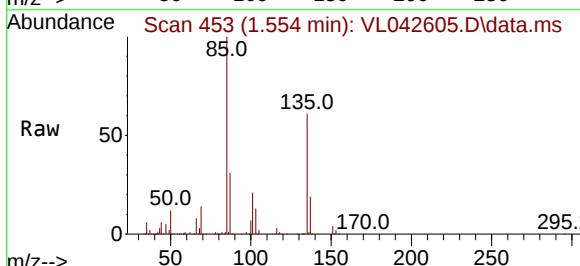
Instrument :
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ClientSampleId :
VL0603ABS01

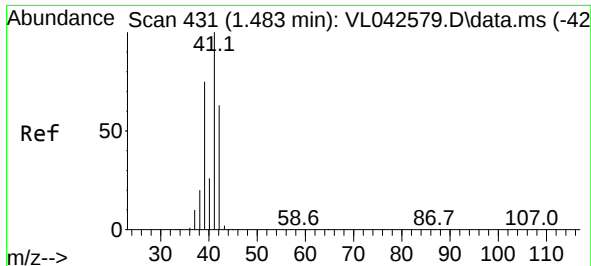
Tgt Ion: 64 Resp: 17444
Ion Ratio Lower Upper
64 100
66 30.3 24.3 36.5



#8
Dichlorotetrafluoroethane
Concen: 9.452 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 85 Resp: 96987
Ion Ratio Lower Upper
85 100
135 62.3 50.2 75.4





#9

Propene

Concen: 8.900 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

Instrument :

MSVOA_L

ClientSampleId :

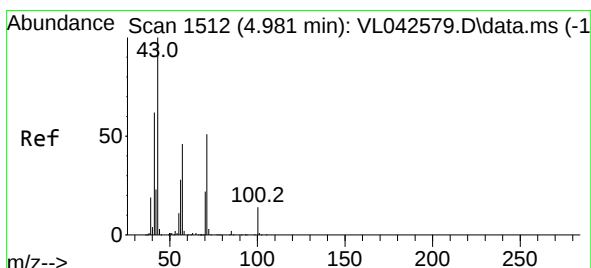
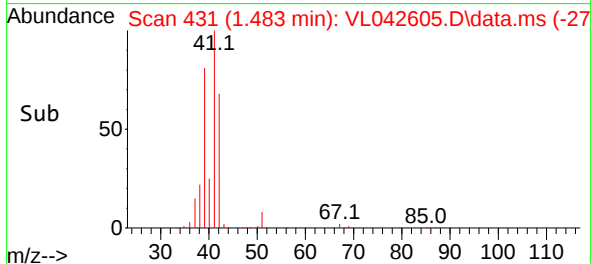
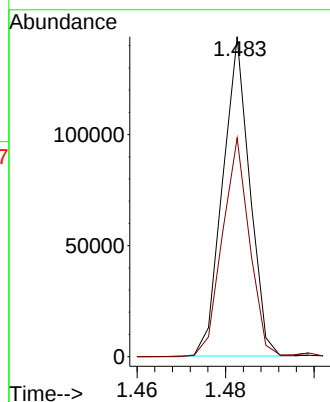
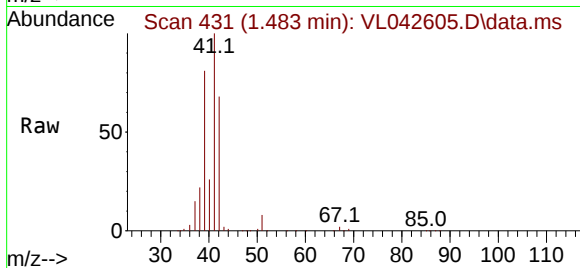
VL0603ABS01

Tgt Ion: 41 Resp: 60785

Ion Ratio Lower Upper

41 100

42 69.8 53.3 79.9



#10

Heptane

Concen: 8.901 ppbv

RT: 4.978 min Scan# 1511

Delta R.T. -0.003 min

Lab File: VL042605.D

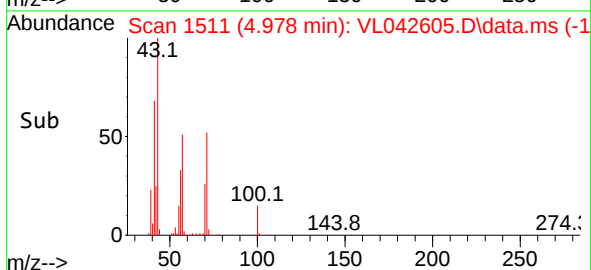
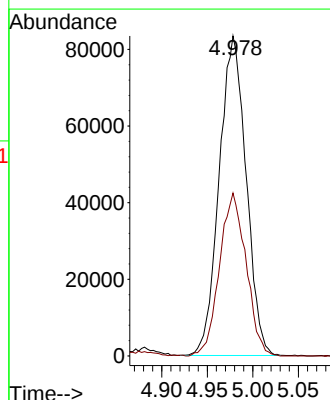
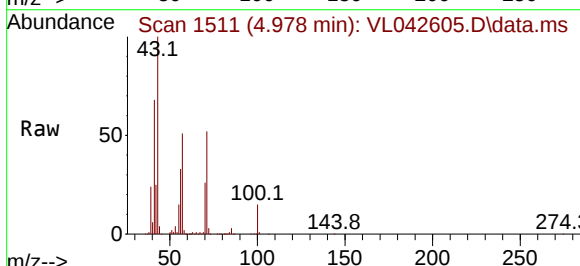
Acq: 03 Jun 2025 11:37

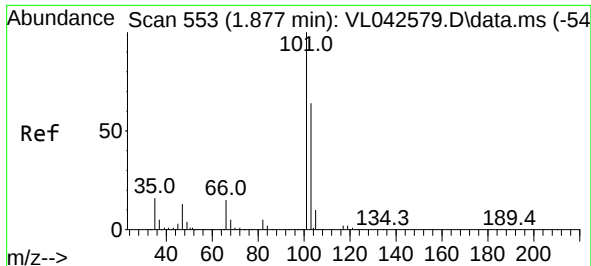
Tgt Ion: 43 Resp: 171372

Ion Ratio Lower Upper

43 100

57 50.4 38.9 58.3

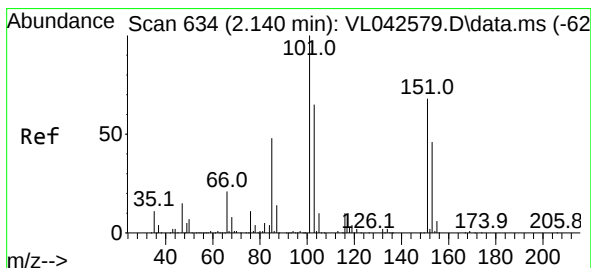
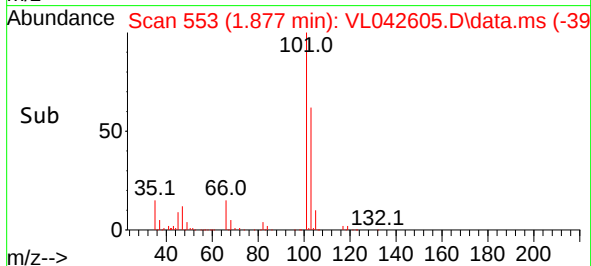
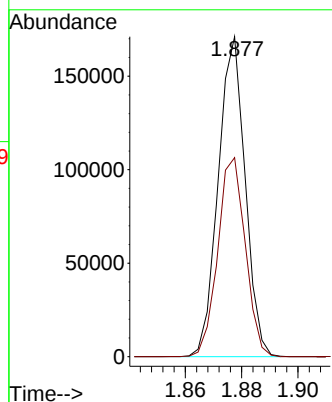
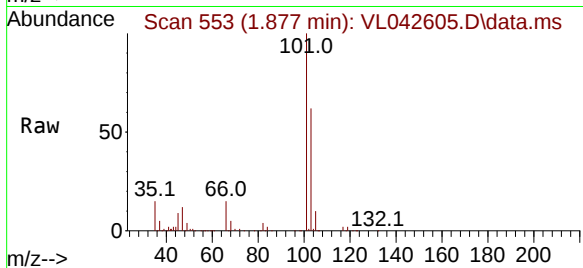




#11
 Trichlorofluoromethane
 Concen: 9.914 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

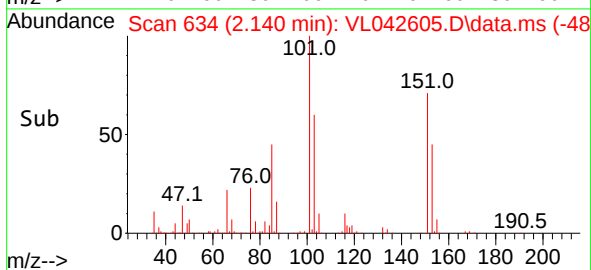
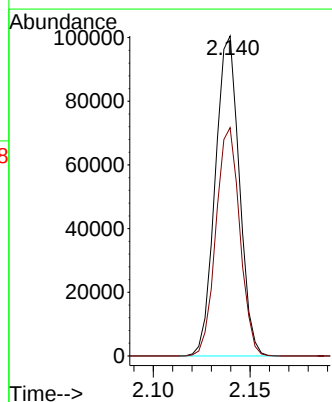
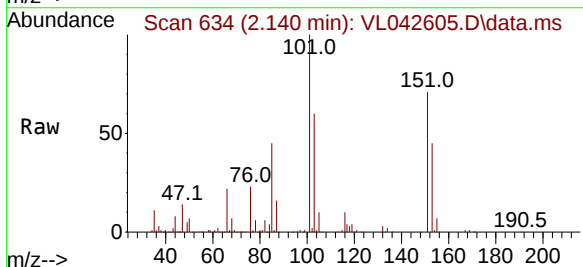
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01

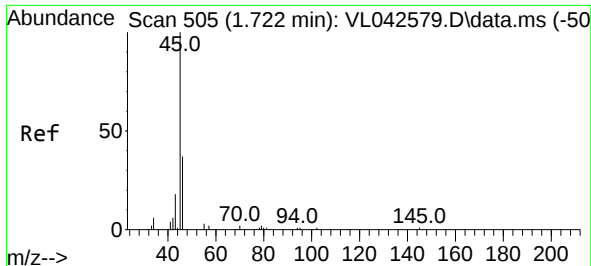
Tgt Ion:101 Resp: 113591
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.636 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.000 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

Tgt Ion:101 Resp: 86692
 Ion Ratio Lower Upper
 101 100
 151 70.8 55.3 82.9

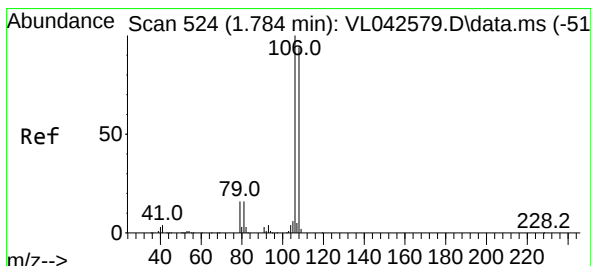
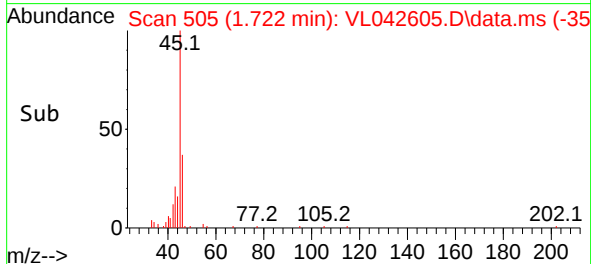
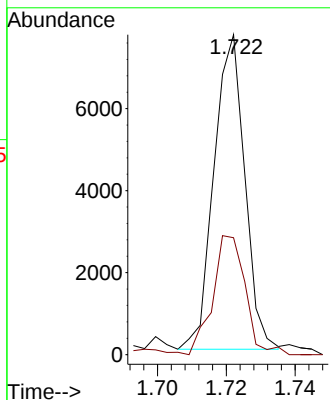
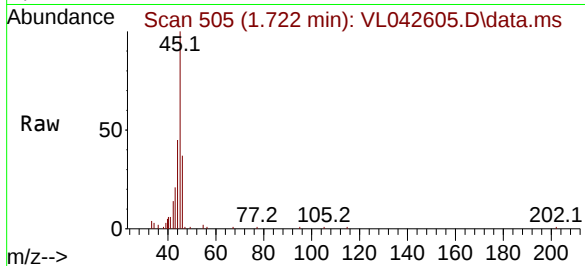




#13
 Ethanol
 Concen: 5.858 ppbv
 RT: 1.722 min Scan# 505
 Delta R.T. -0.000 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

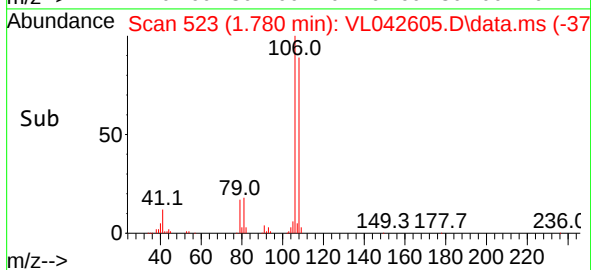
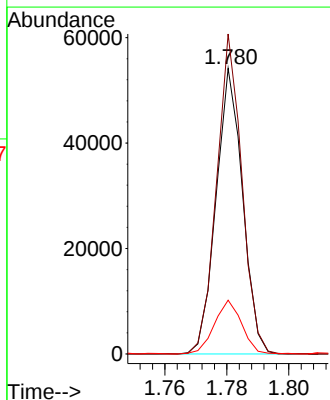
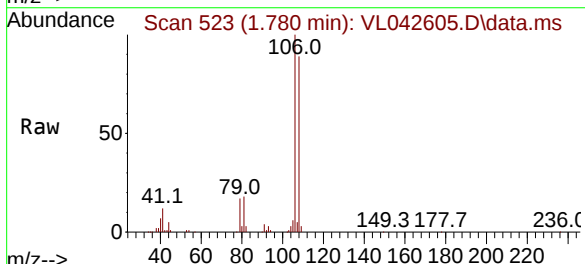
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01

Tgt Ion: 45 Resp: 4768
 Ion Ratio Lower Upper
 45 100
 46 42.3 14.5 58.1



#14
 Bromoethene
 Concen: 9.493 ppbv
 RT: 1.780 min Scan# 523
 Delta R.T. -0.003 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

Tgt Ion: 108 Resp: 32127
 Ion Ratio Lower Upper
 108 100
 106 107.1 87.9 131.9
 79 19.8 15.6 23.4

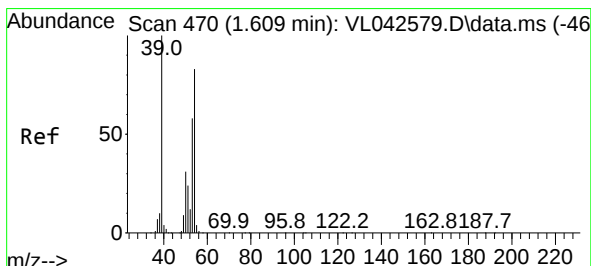
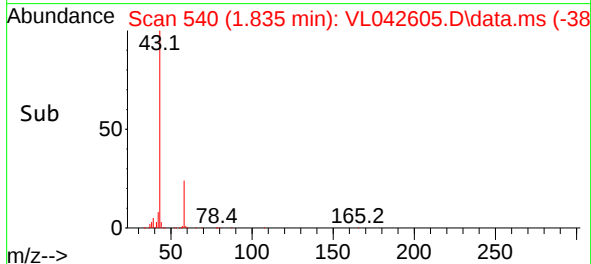
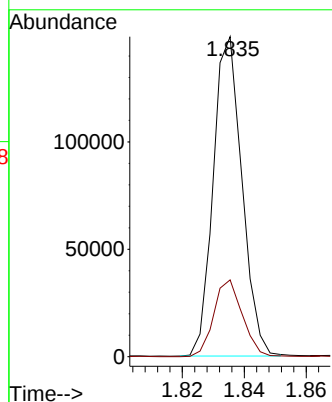
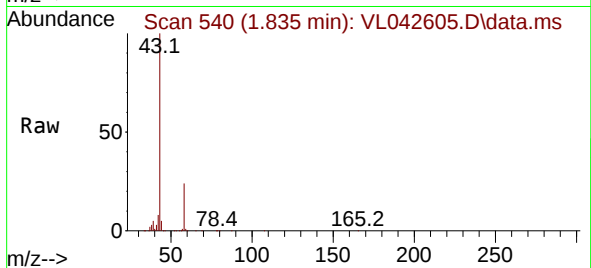




#15
Acetone
Concen: 7.945 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

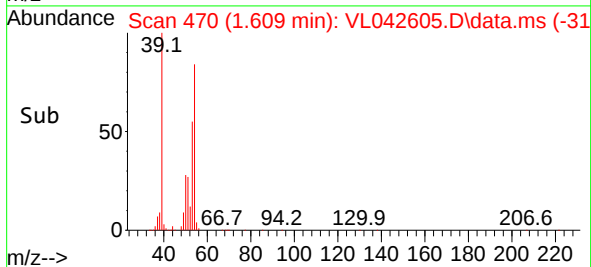
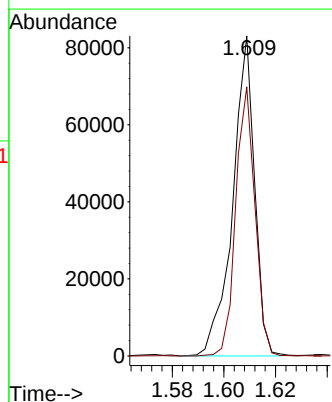
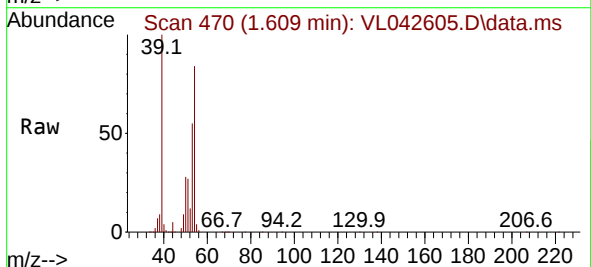
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

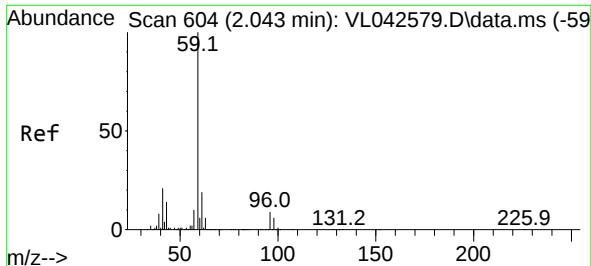
Tgt Ion: 43 Resp: 95882
Ion Ratio Lower Upper
43 100
58 24.2 21.0 31.4



#16
1,3-Butadiene
Concen: 8.598 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 39 Resp: 49157
Ion Ratio Lower Upper
39 100
54 73.9 57.9 86.9





#17

tert-Butyl alcohol

Concen: 9.187 ppbv

RT: 2.039 min Scan# 60

Delta R.T. -0.003 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

Instrument :

MSVOA_L

ClientSampleId :

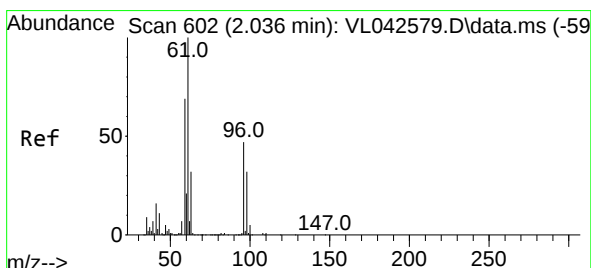
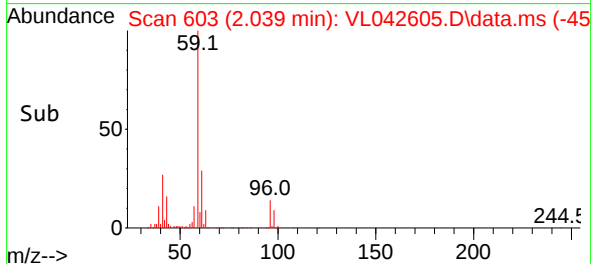
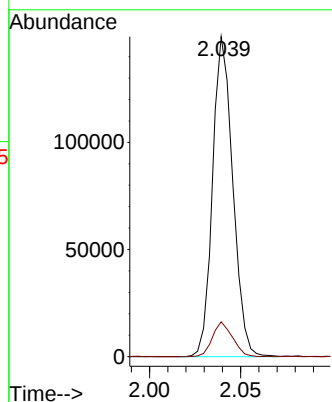
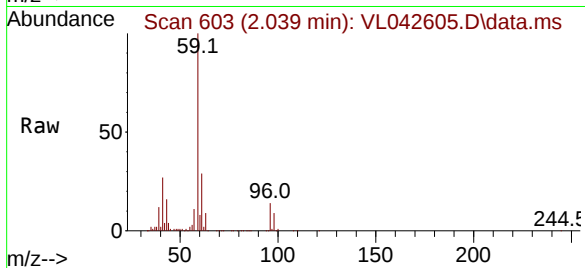
VL0603ABS01

Tgt Ion: 59 Resp: 115511

Ion Ratio Lower Upper

59 100

57 10.9 8.6 12.8



#18

1,1-Dichloroethene

Concen: 9.161 ppbv

RT: 2.033 min Scan# 601

Delta R.T. -0.003 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

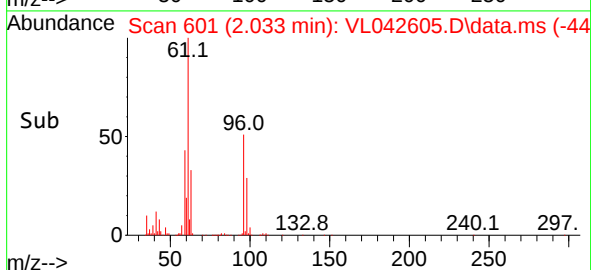
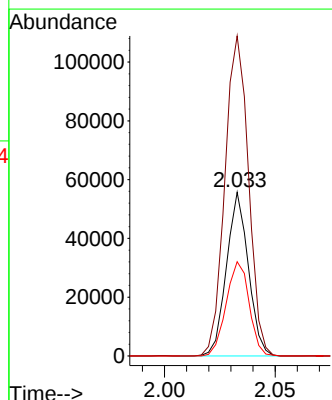
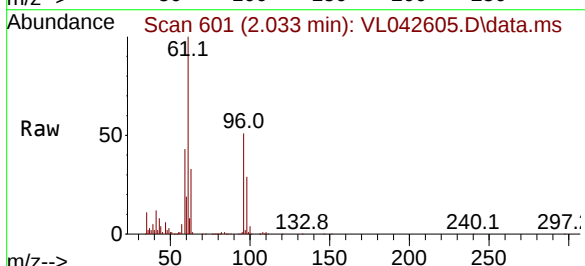
Tgt Ion: 96 Resp: 38203

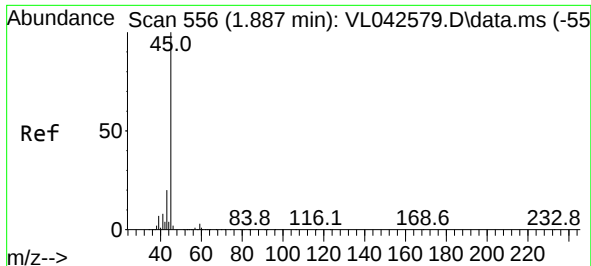
Ion Ratio Lower Upper

96 100

61 195.4 171.1 256.7

98 57.6 54.4 81.6

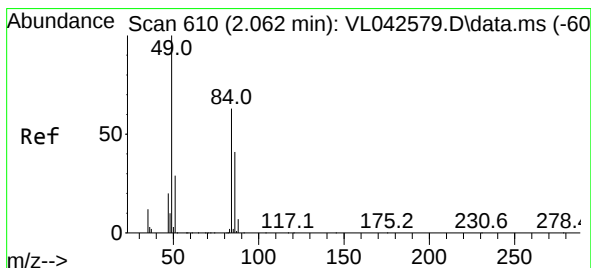
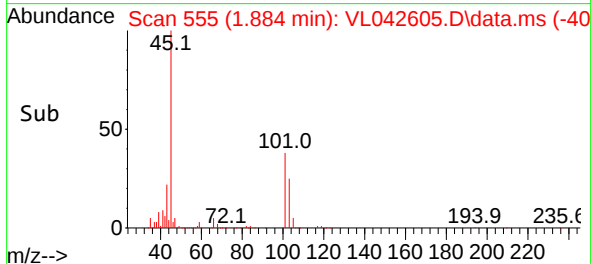
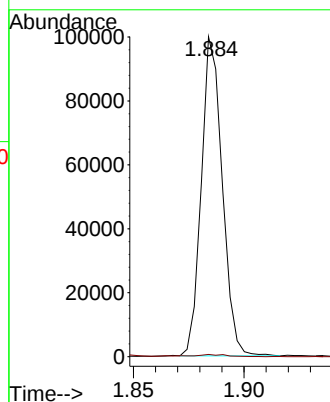
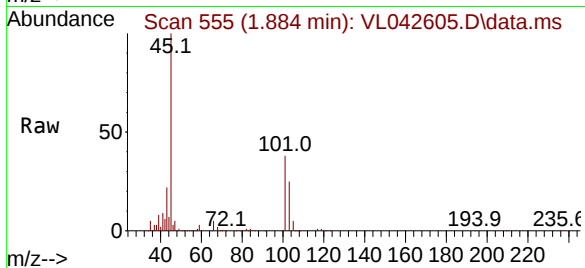




#19
Isopropyl Alcohol
Concen: 9.127 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

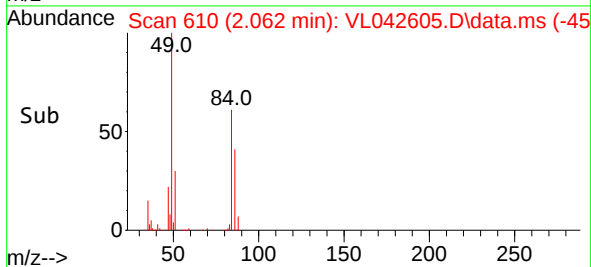
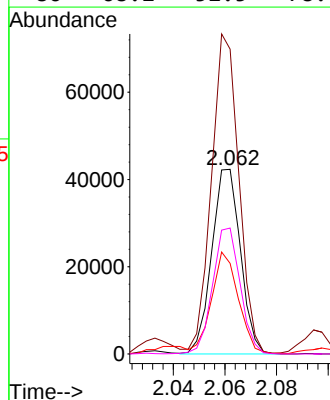
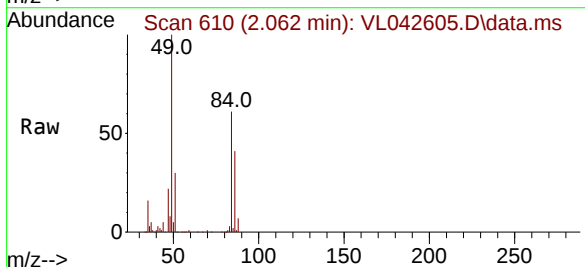
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

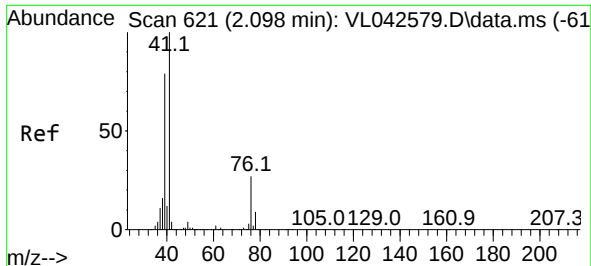
Tgt Ion: 45 Resp: 65850
Ion Ratio Lower Upper
45 100
58 35.2 29.4 44.2



#20
Methylene Chloride
Concen: 8.206 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 84 Resp: 32684
Ion Ratio Lower Upper
84 100
49 164.6 128.8 193.2
51 48.6 38.6 57.8
86 68.2 52.5 78.7

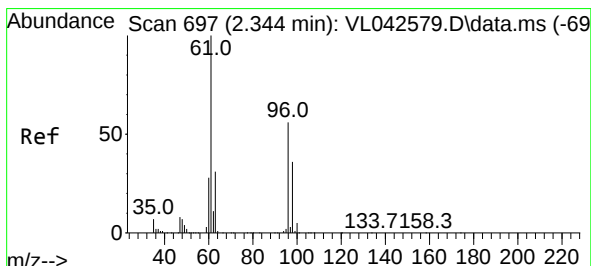
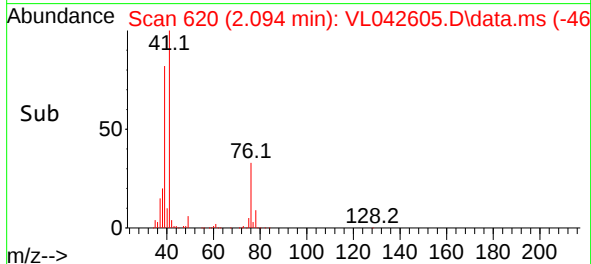
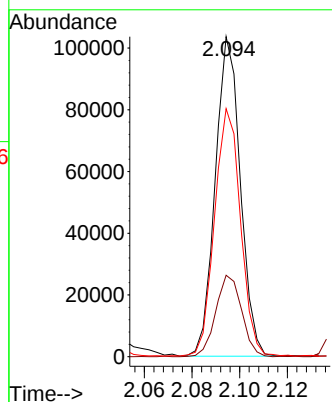
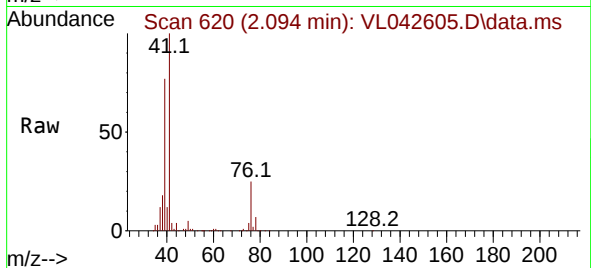




#21
 Allyl Chloride
 Concen: 8.886 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

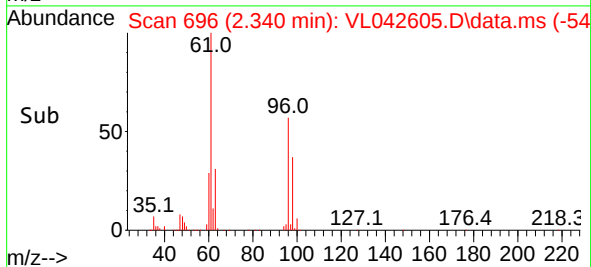
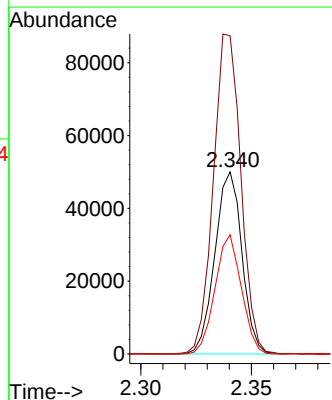
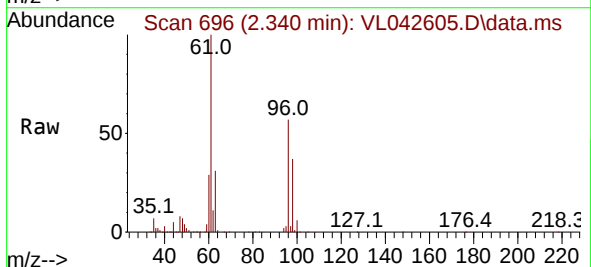
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01

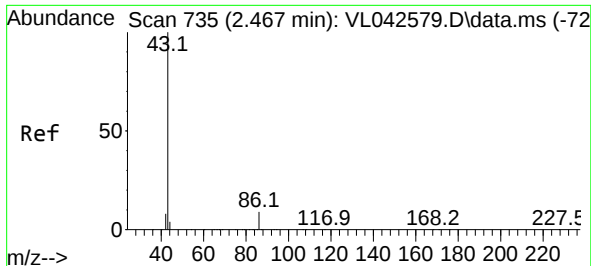
Tgt Ion: 41 Resp: 75668
 Ion Ratio Lower Upper
 41 100
 76 26.4 21.2 31.8
 39 79.8 60.9 91.3



#22
 trans-1,2-Dichloroethene
 Concen: 9.126 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.003 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

Tgt Ion: 96 Resp: 42509
 Ion Ratio Lower Upper
 96 100
 61 174.7 142.6 214.0
 98 65.5 51.0 76.4



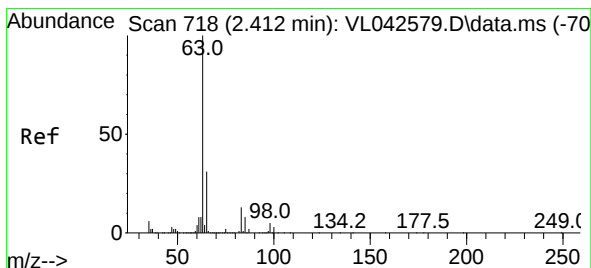
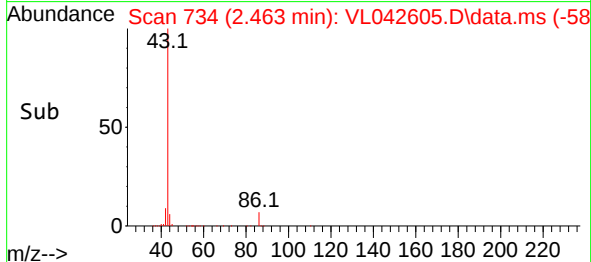
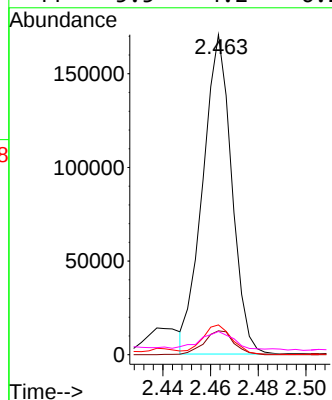
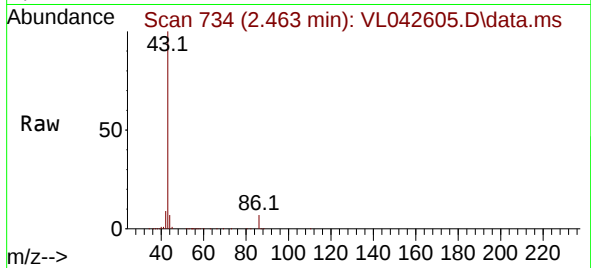


#23
 Vinyl Acetate
 Concen: 8.808 ppbv
 RT: 2.463 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

Instrument :
 MSVOA_1
 ClientSampleId :
 VL0603ABS01

Tgt Ion: 43 Resp: 143695

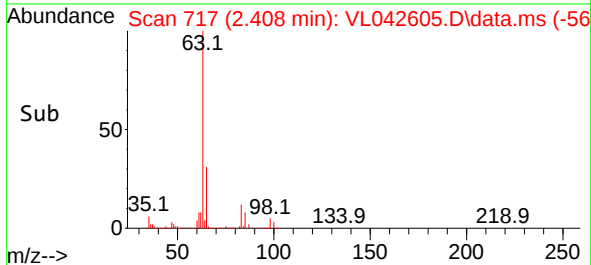
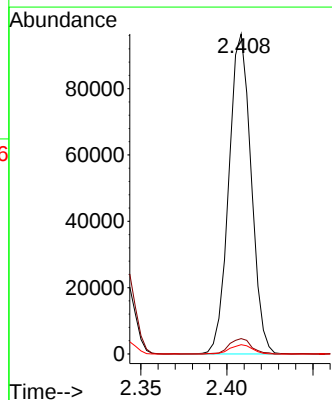
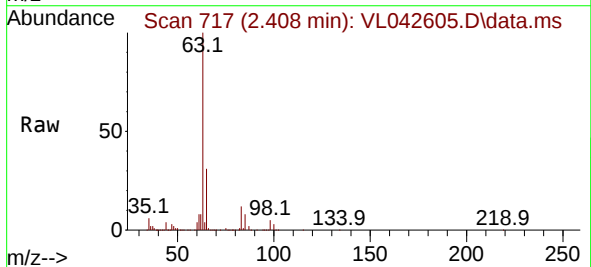
Ion	Ratio	Lower	Upper
43	100		
86	7.5	6.6	9.8
42	9.2	7.0	10.4
44	5.5	4.2	6.2

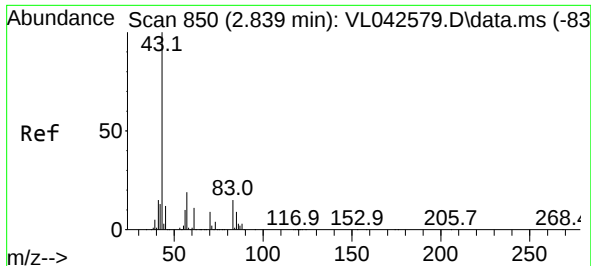


#24
 1,1-Dichloroethane
 Concen: 9.069 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

Tgt Ion: 63 Resp: 86917

Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.4	7.1
100	2.9	1.4	4.0



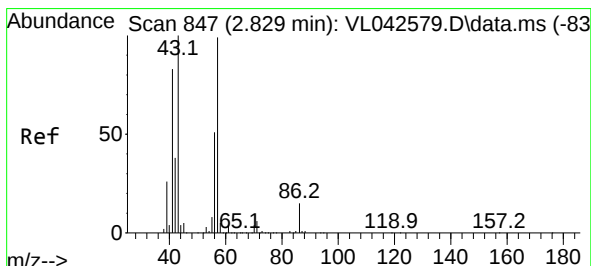
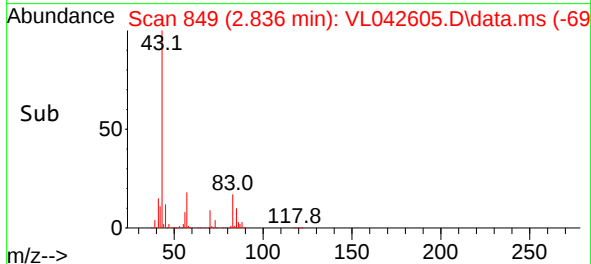
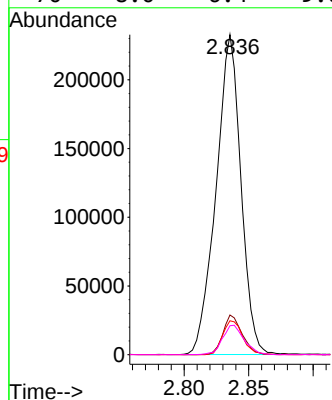
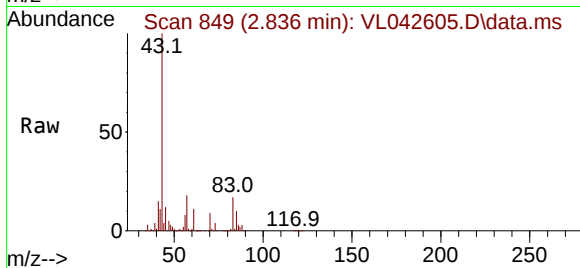


#25
Ethyl Acetate
Concen: 9.428 ppbv
RT: 2.836 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

Tgt Ion: 43 Resp: 311377

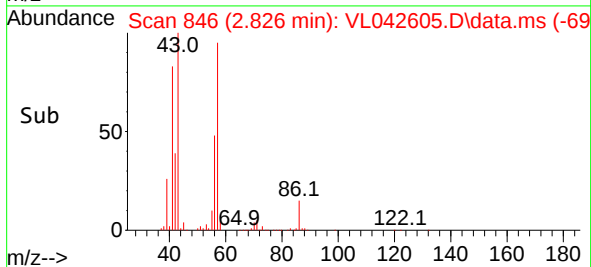
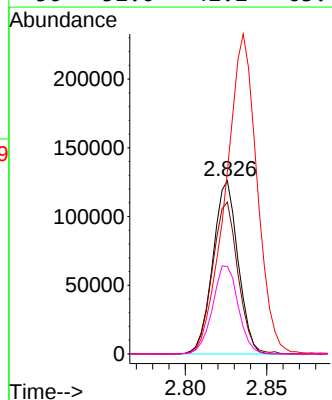
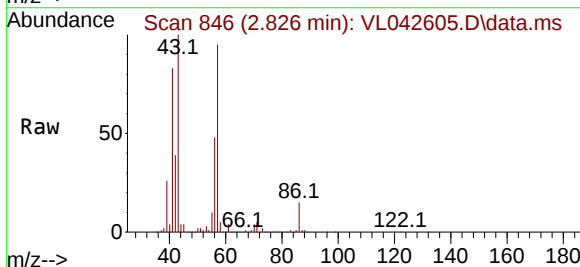
Ion	Ratio	Lower	Upper
43	100		
45	9.7	8.2	12.2
61	8.6	7.1	10.7
70	8.0	6.4	9.6

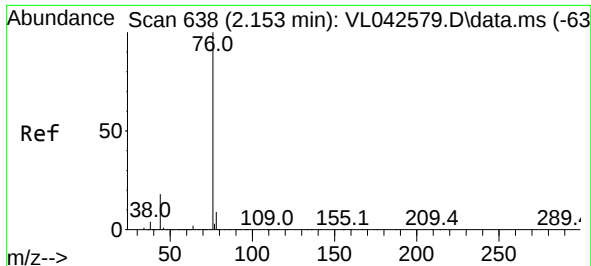


#26
Hexane
Concen: 9.007 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 57 Resp: 135168

Ion	Ratio	Lower	Upper
57	100		
41	89.8	70.6	106.0
43	231.4	181.1	271.7
56	52.0	42.2	63.4

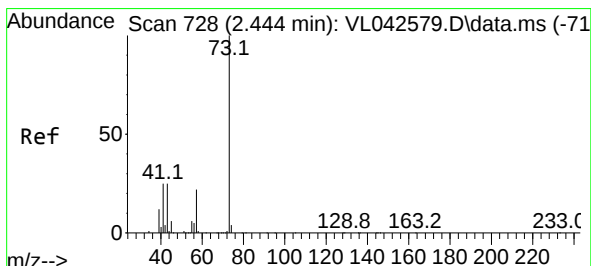
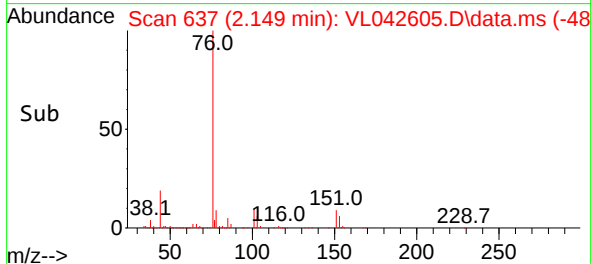
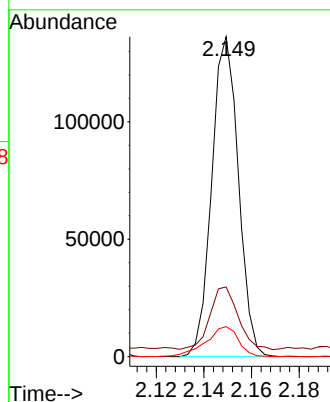
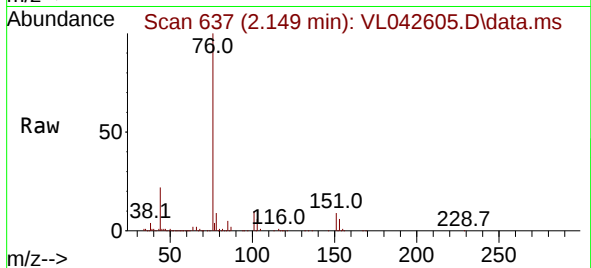




#27
Carbon Disulfide
Concen: 9.186 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

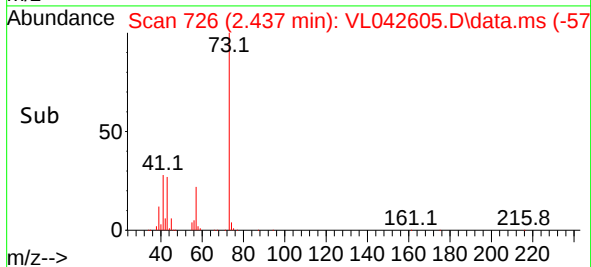
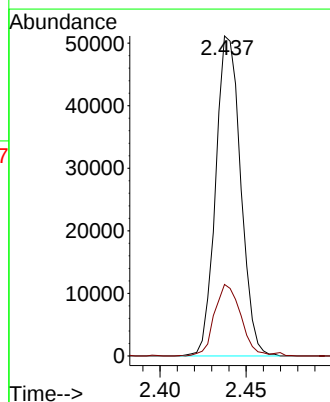
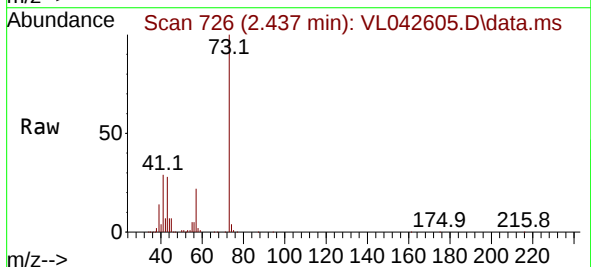
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

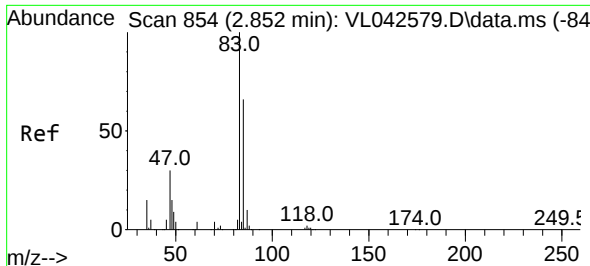
Tgt Ion: 76 Resp: 105834
Ion Ratio Lower Upper
76 100
44 21.4 21.3 31.9
78 11.7 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 8.503 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.006 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 73 Resp: 51782
Ion Ratio Lower Upper
73 100
57 23.9 19.9 29.9





#29

Chloroform

Concen: 9.703 ppbv

RT: 2.848 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

Instrument :

MSVOA_L

ClientSampleId :

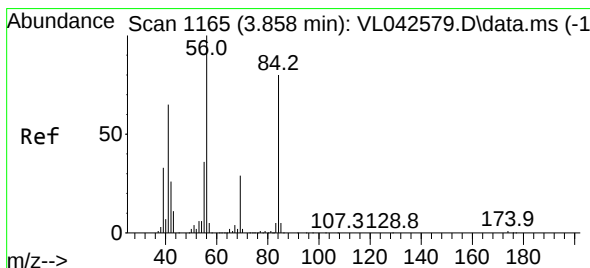
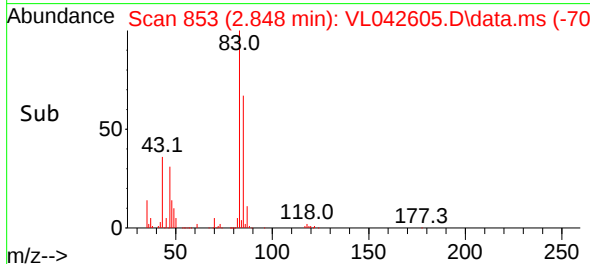
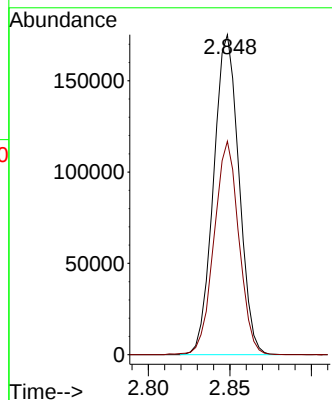
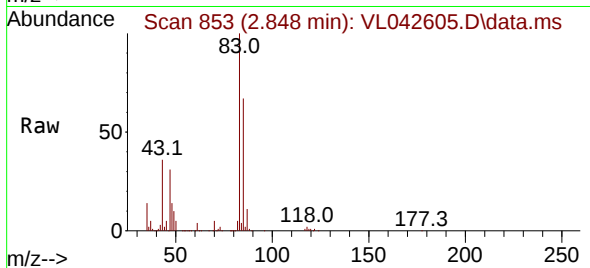
VL0603ABS01

Tgt Ion: 83 Resp: 189363

Ion Ratio Lower Upper

83 100

85 66.7 52.8 79.2



#30

Cyclohexane

Concen: 9.022 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

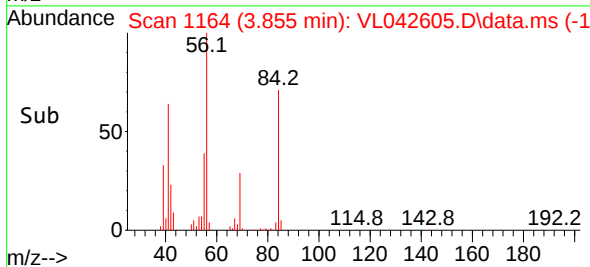
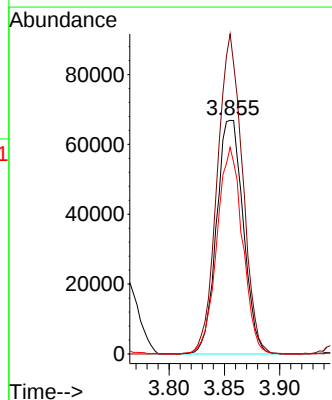
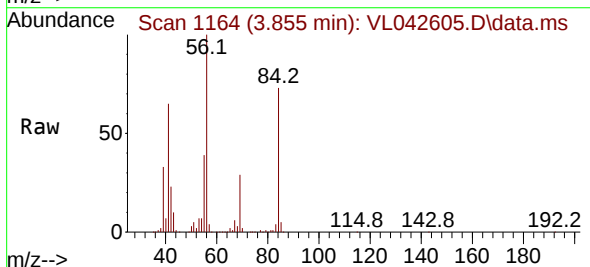
Tgt Ion: 84 Resp: 112253

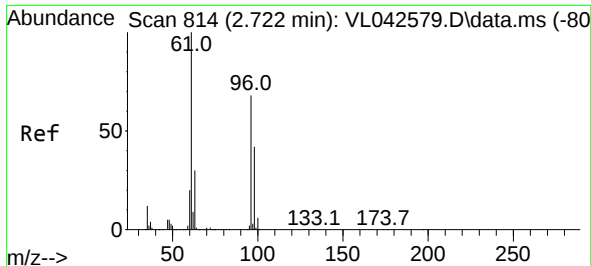
Ion Ratio Lower Upper

84 100

56 129.3 103.7 155.5

41 84.8 65.1 97.7

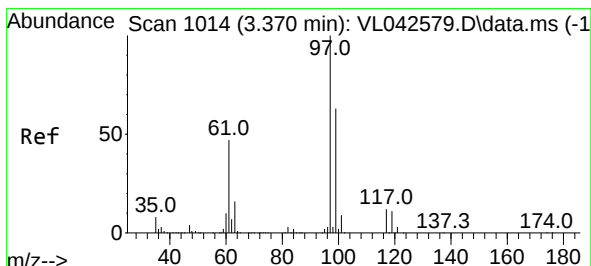
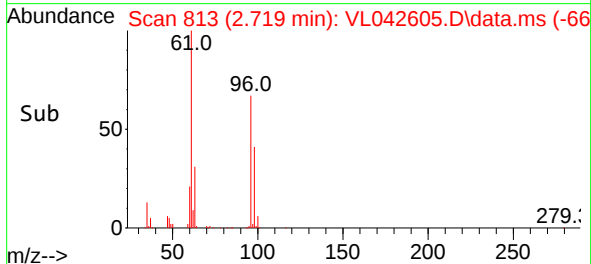
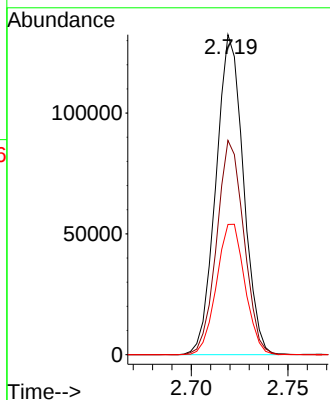
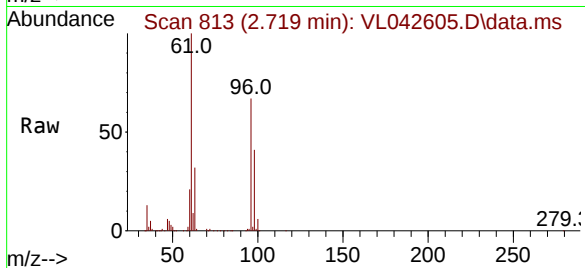




#31
 cis-1,2-Dichloroethene
 Concen: 9.521 ppbv
 RT: 2.719 min Scan# 814
 Delta R.T. -0.003 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

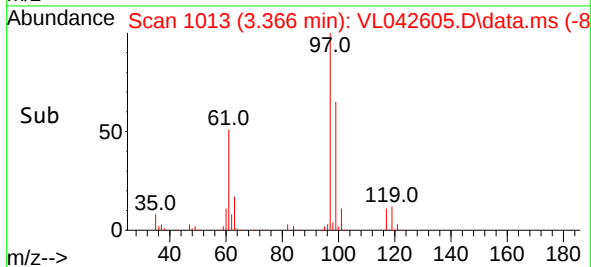
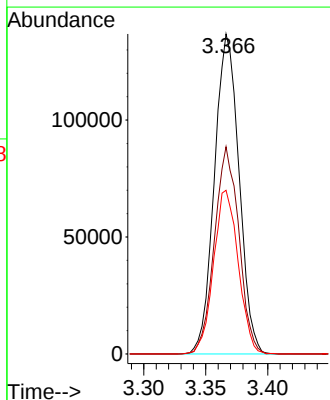
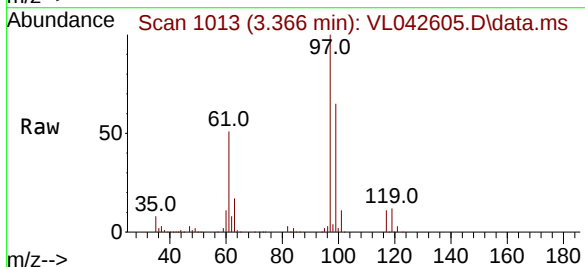
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01

Tgt Ion: 61 Resp: 130702
 Ion Ratio Lower Upper
 61 100
 96 67.0 54.5 81.7
 98 40.7 33.4 50.2



#32
 1,1,1-Trichloroethane
 Concen: 9.514 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.003 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

Tgt Ion: 97 Resp: 189715
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.0 76.6
 61 51.4 39.4 59.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.003 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

Instrument :

MSVOA_L

ClientSampleId :

VL0603ABS01

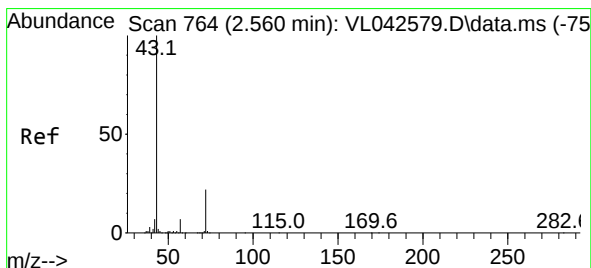
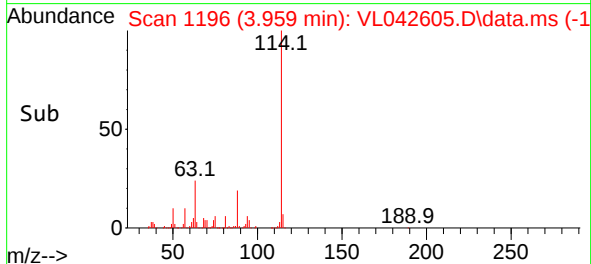
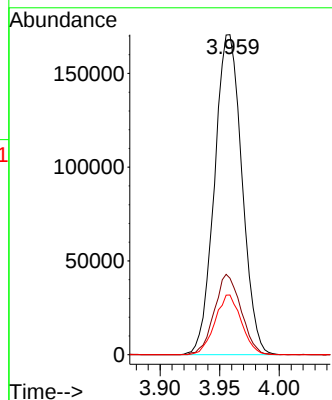
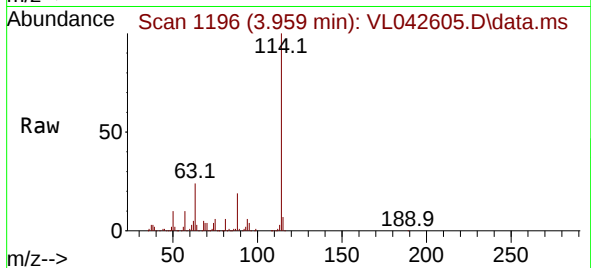
Tgt Ion:114 Resp: 273130

Ion Ratio Lower Upper

114 100

63 24.5 19.0 28.6

88 17.9 13.6 20.4



#34

2-Butanone

Concen: 10.526 ppbv

RT: 2.557 min Scan# 763

Delta R.T. -0.003 min

Lab File: VL042605.D

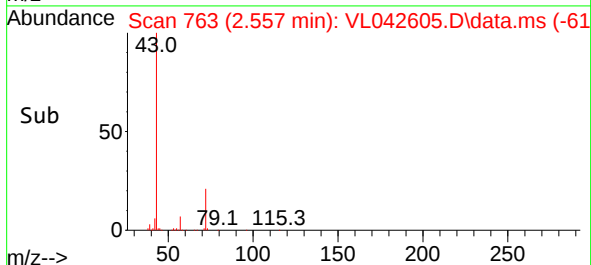
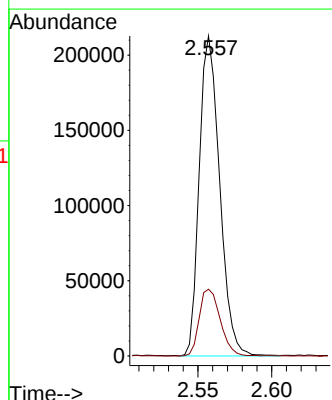
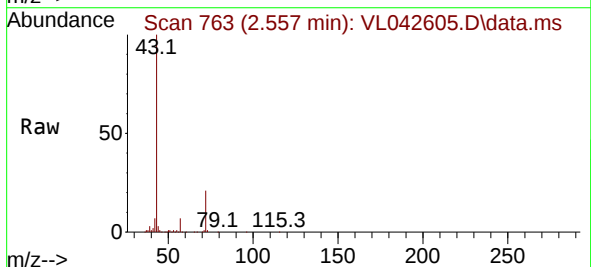
Acq: 03 Jun 2025 11:37

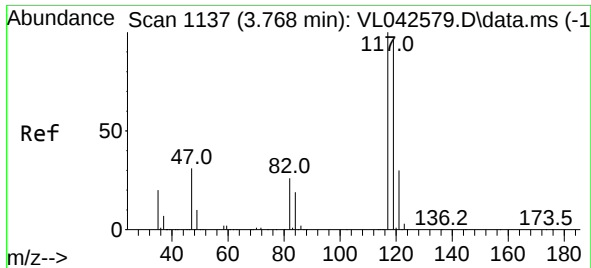
Tgt Ion: 43 Resp: 205036

Ion Ratio Lower Upper

43 100

72 21.5 17.7 26.5

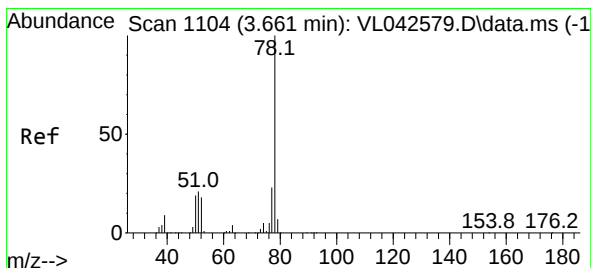
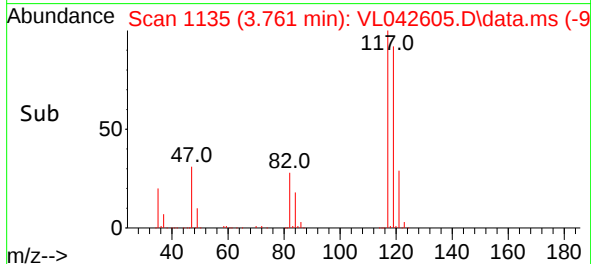
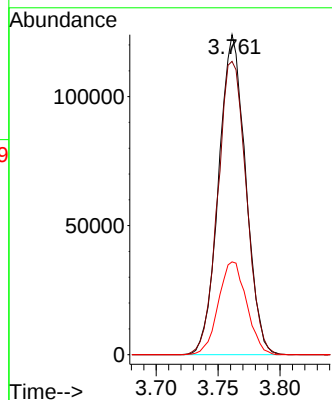
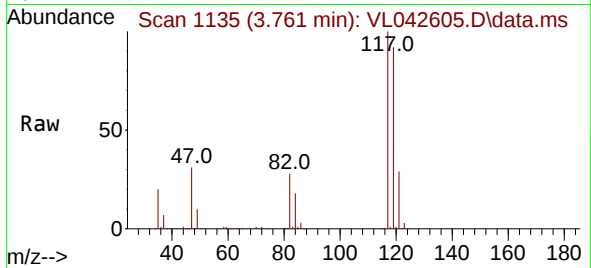




#35
Carbon Tetrachloride
Concen: 10.438 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.006 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

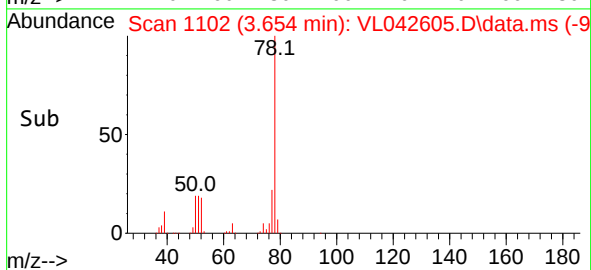
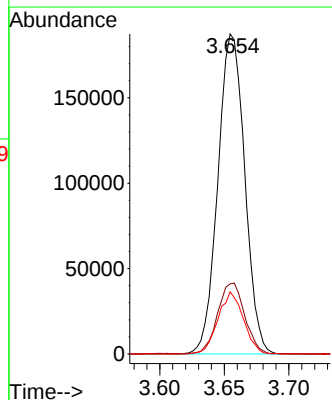
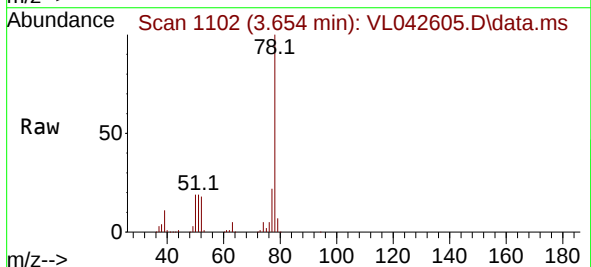
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

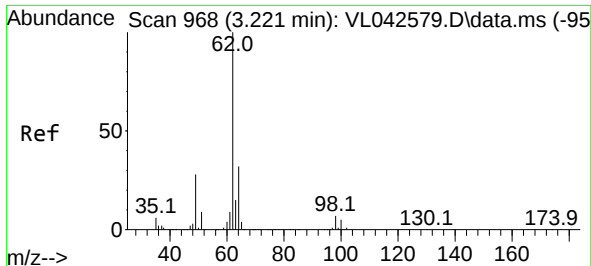
Tgt Ion:117 Resp: 188194
Ion Ratio Lower Upper
117 100
119 91.7 76.8 115.2
121 29.0 24.3 36.5



#36
Benzene
Concen: 10.084 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 78 Resp: 271225
Ion Ratio Lower Upper
78 100
77 21.9 18.2 27.2
50 19.4 15.2 22.8

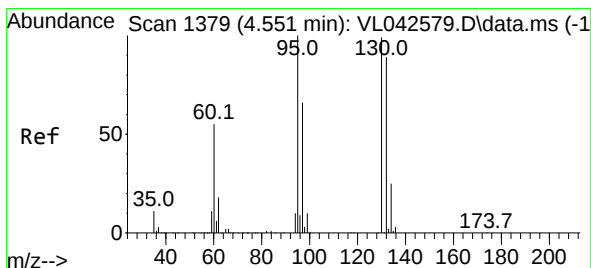
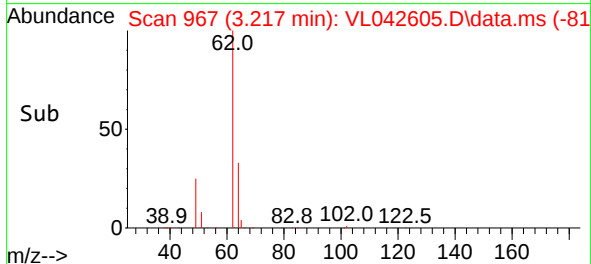
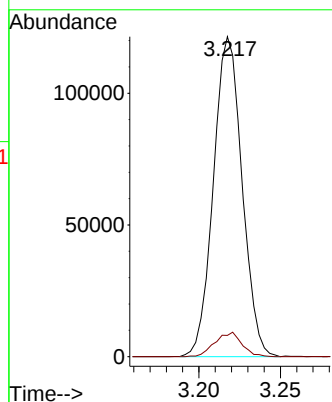
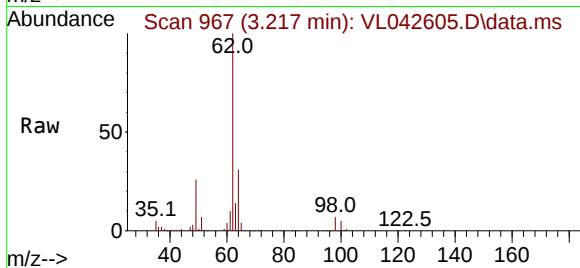




#37
1,2-Dichloroethane
Concen: 11.095 ppbv
RT: 3.217 min Scan# 967
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

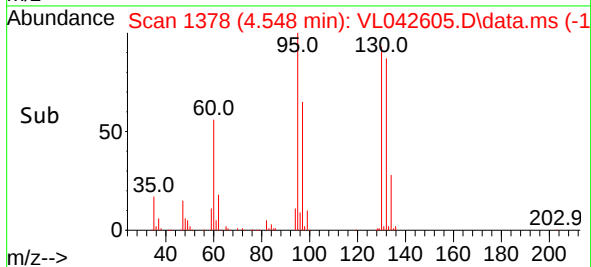
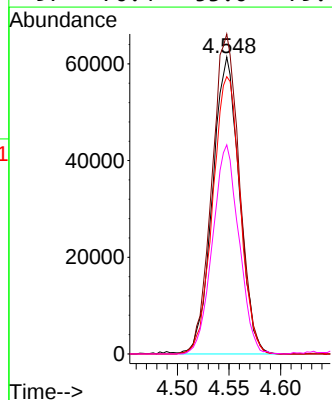
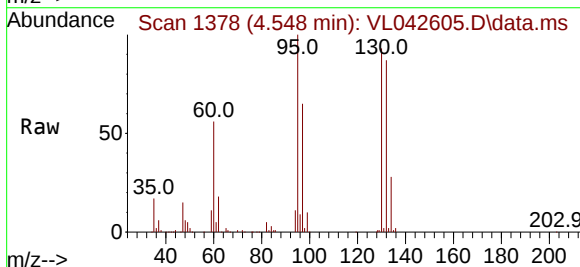
Instrument :
MSVOA_1
ClientSampleId :
VL0603ABS01

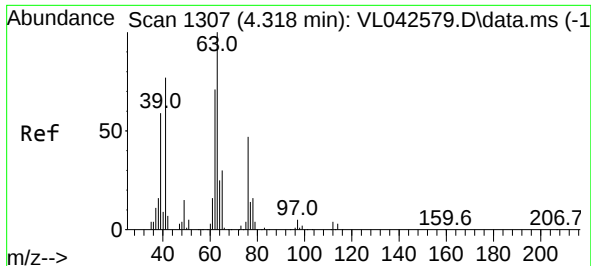
Tgt Ion: 62 Resp: 148310
Ion Ratio Lower Upper
62 100
98 7.2 6.1 9.1



#38
Trichloroethene
Concen: 9.694 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion:130 Resp: 110830
Ion Ratio Lower Upper
130 100
95 107.7 80.6 121.0
132 93.4 71.8 107.6
97 70.4 53.0 79.4





#39

1,2-Dichloropropane

Concen: 9.778 ppbv

RT: 4.315 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

Instrument :

MSVOA_L

ClientSampleId :

VL0603ABS01

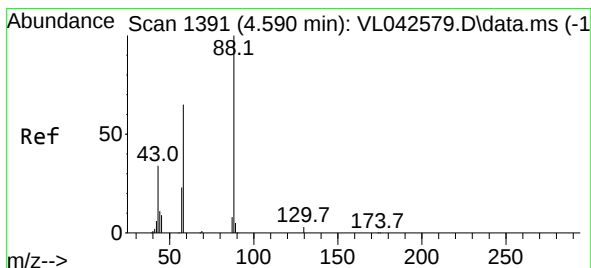
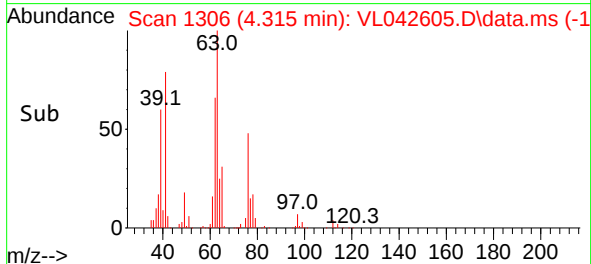
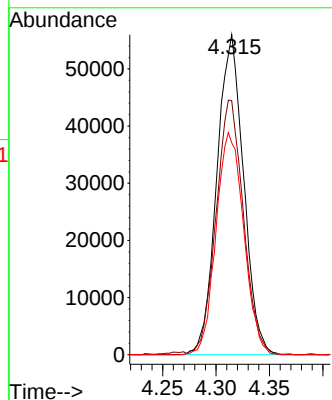
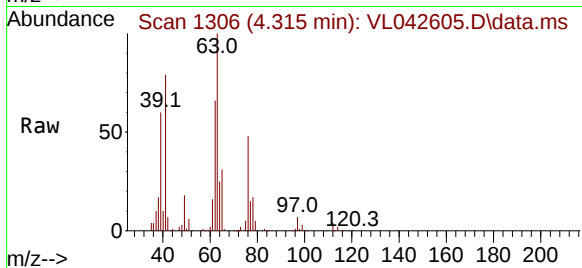
Tgt Ion: 63 Resp: 97258

Ion Ratio Lower Upper

63 100

41 79.2 61.8 92.6

62 66.2 56.6 85.0



#40

1,4-Dioxane

Concen: 9.677 ppbv

RT: 4.583 min Scan# 1389

Delta R.T. -0.006 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

Tgt Ion: 88 Resp: 43068

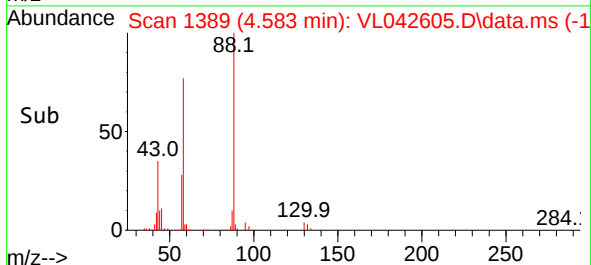
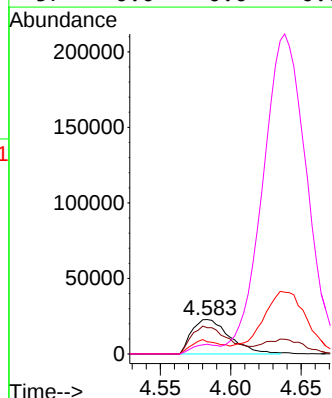
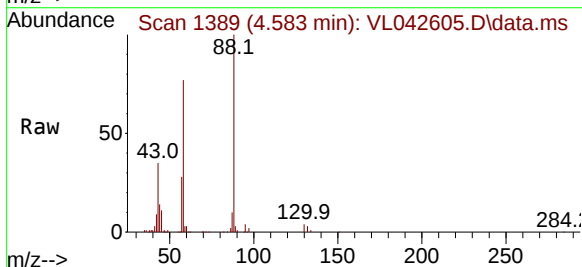
Ion Ratio Lower Upper

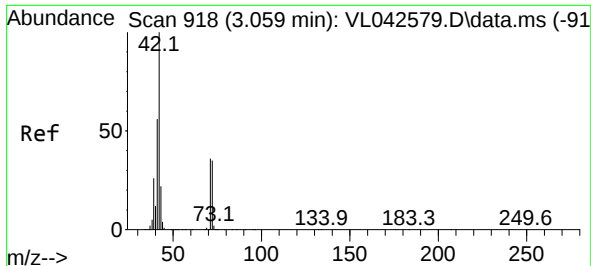
88 100

58 74.7 55.8 83.8

43 31.9 24.8 37.2

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.835 ppbv

RT: 3.052 min Scan# 916

Delta R.T. -0.006 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

Instrument :

MSVOA_L

ClientSampleId :

VL0603ABS01

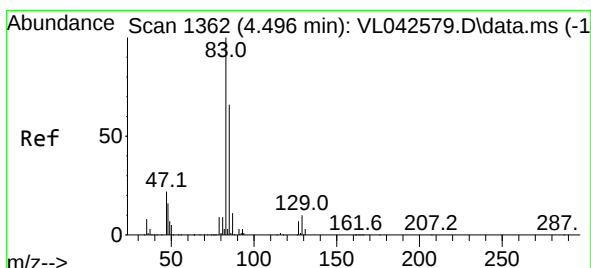
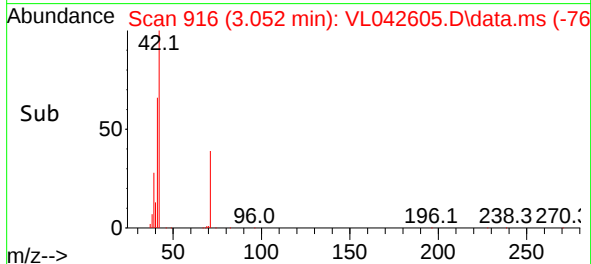
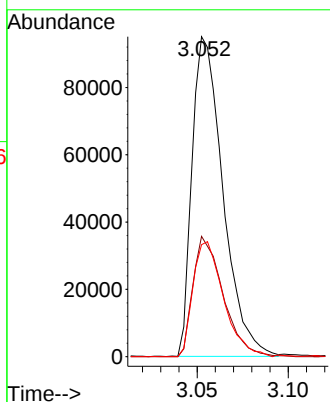
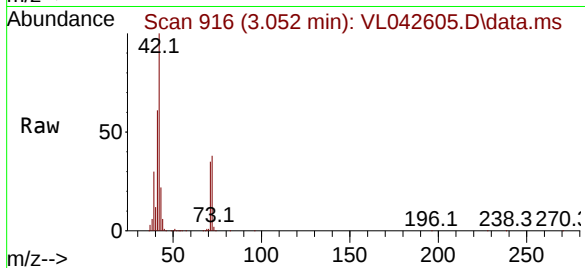
Tgt Ion: 42 Resp: 112130

Ion Ratio Lower Upper

42 100

72 36.7 28.9 43.3

71 36.0 28.5 42.7



#42

Bromodichloromethane

Concen: 10.948 ppbv

RT: 4.489 min Scan# 1360

Delta R.T. -0.006 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

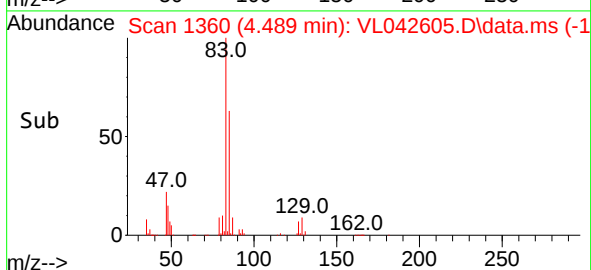
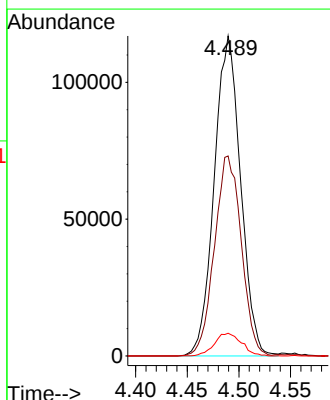
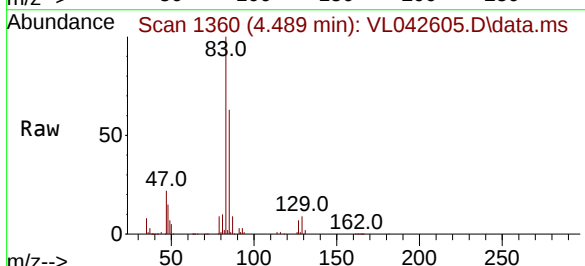
Tgt Ion: 83 Resp: 207854

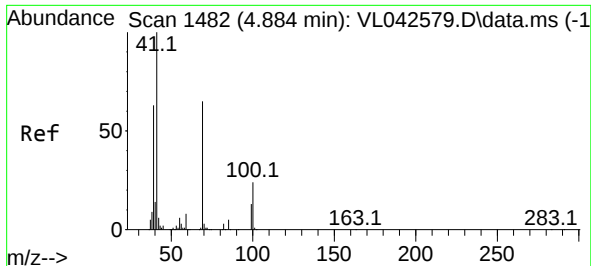
Ion Ratio Lower Upper

83 100

85 62.5 52.7 79.1

127 7.1 5.8 8.6

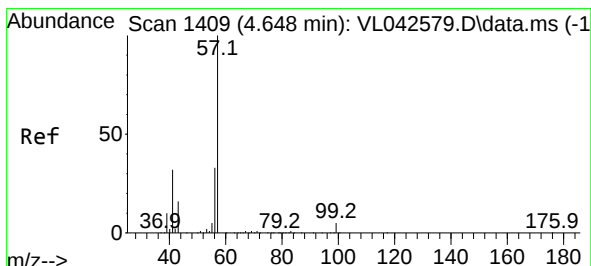
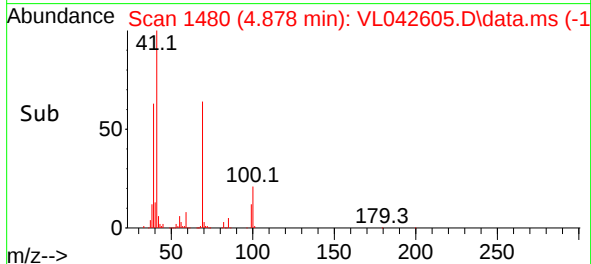
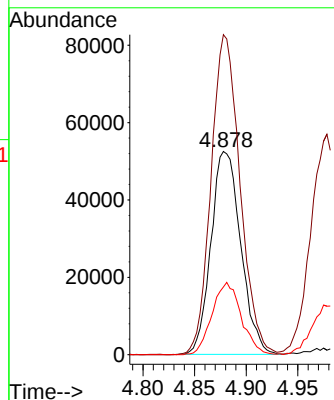
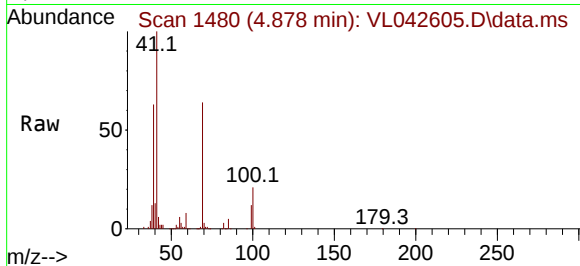




#43
Methyl Methacrylate
Concen: 10.061 ppbv
RT: 4.878 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

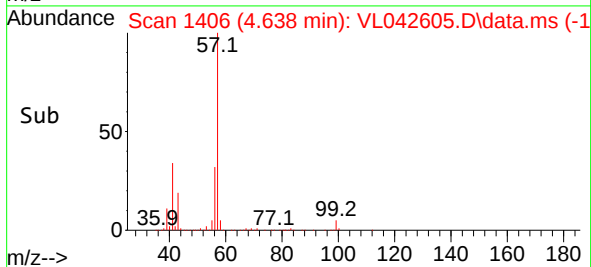
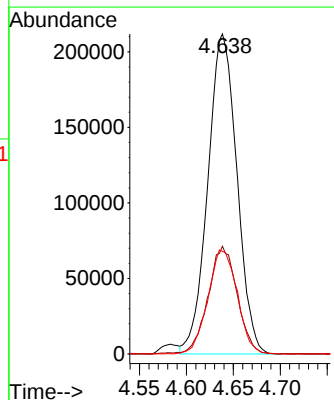
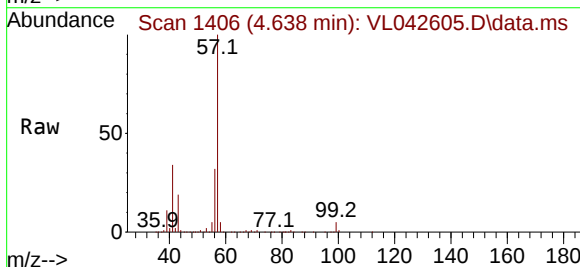
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

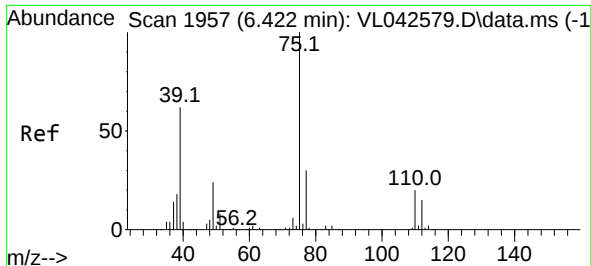
Tgt Ion: 69 Resp: 105026
Ion Ratio Lower Upper
69 100
41 153.9 124.6 187.0
100 35.0 29.9 44.9



#44
2,2,4-Trimethylpentane
Concen: 9.928 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.010 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 57 Resp: 456755
Ion Ratio Lower Upper
57 100
41 33.6 26.1 39.1
56 32.8 25.9 38.9

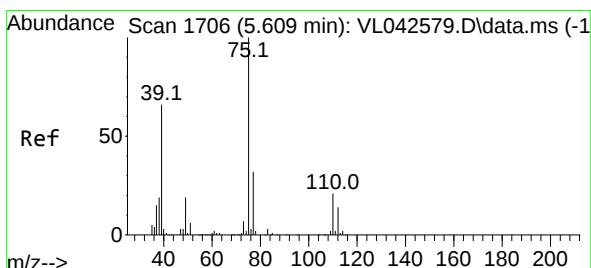
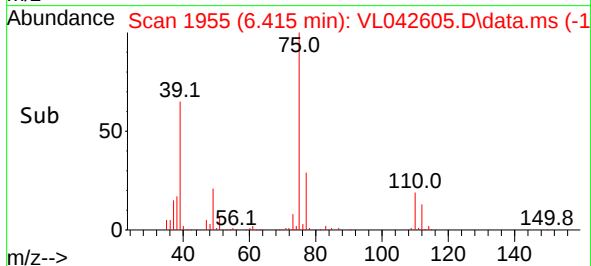
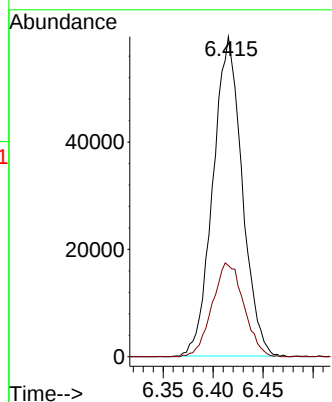
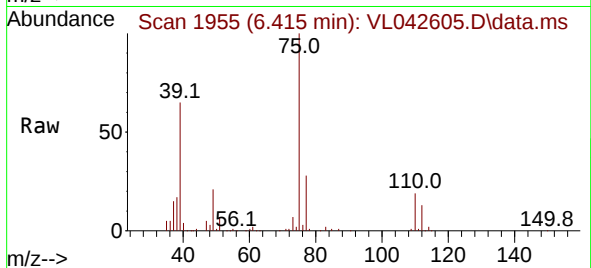




#45
t-1,3-Dichloropropene
Concen: 10.127 ppbv
RT: 6.415 min Scan# 1957
Delta R.T. -0.006 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

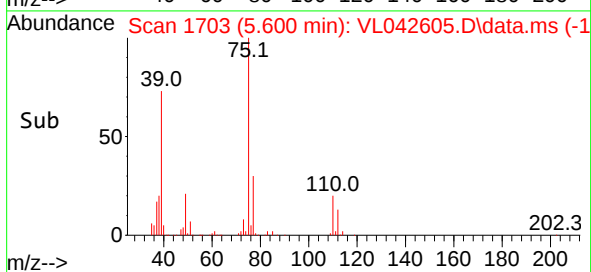
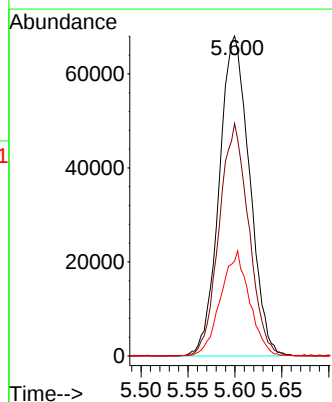
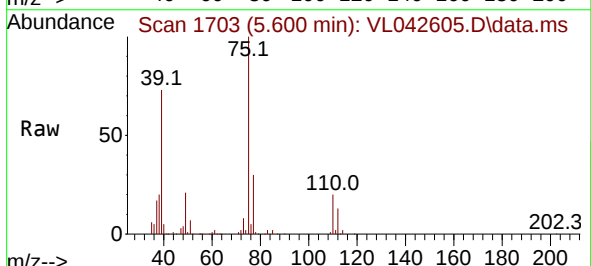
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

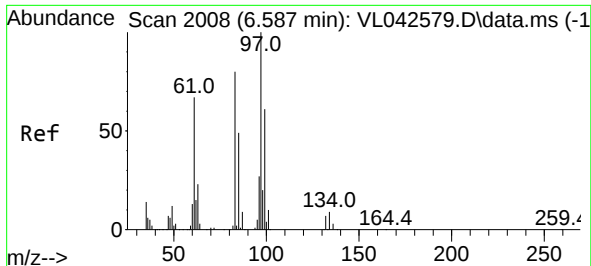
Tgt Ion: 75 Resp: 120977
Ion Ratio Lower Upper
75 100
77 28.5 24.2 36.2



#46
cis-1,3-Dichloropropene
Concen: 10.208 ppbv
RT: 5.600 min Scan# 1703
Delta R.T. -0.010 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 75 Resp: 152793
Ion Ratio Lower Upper
75 100
39 72.5 52.7 79.1
77 29.6 25.8 38.8

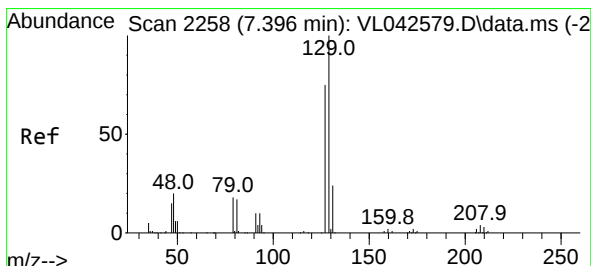
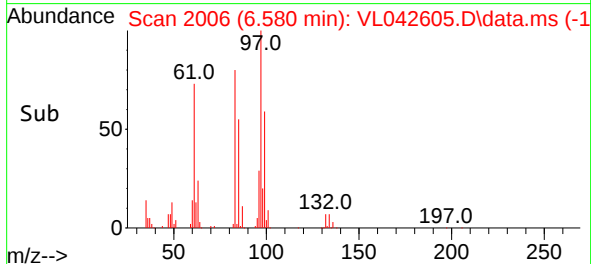
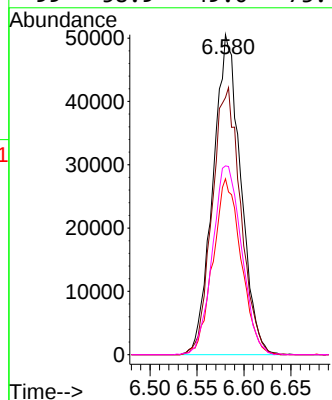
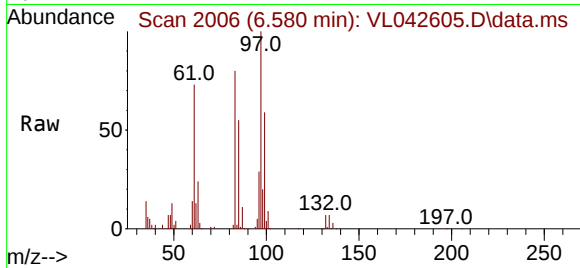




#47
 1,1,2-Trichloroethane
 Concen: 10.094 ppbv
 RT: 6.580 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

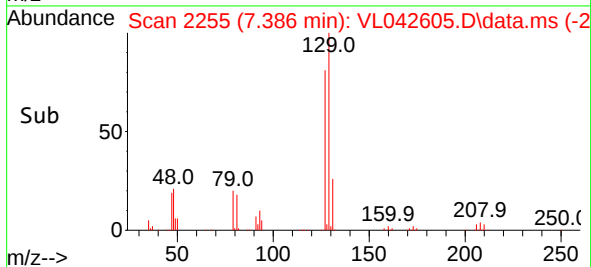
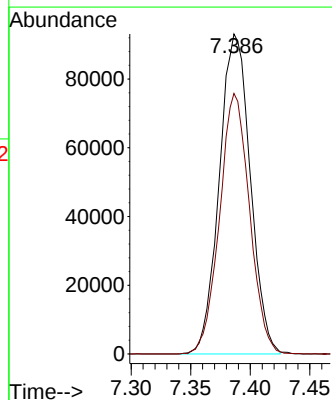
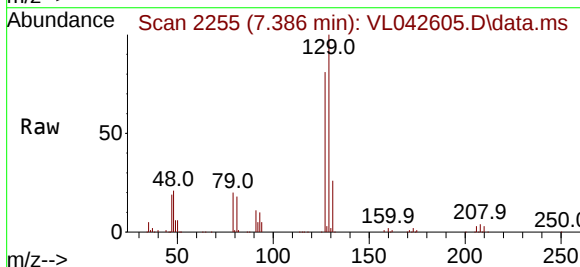
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01

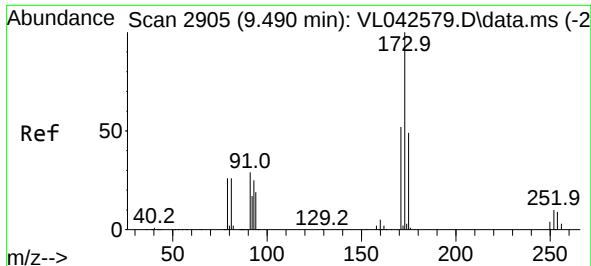
Tgt Ion: 97	Resp: 103931
Ion Ratio	Lower Upper
97 100	
83 80.3	63.9 95.9
85 55.0	39.2 58.8
99 58.9	49.0 73.4



#48
 Dibromochloromethane
 Concen: 10.217 ppbv
 RT: 7.386 min Scan# 2255
 Delta R.T. -0.010 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

Tgt Ion:129	Resp: 168395
Ion Ratio	Lower Upper
129 100	
127 78.8	39.0 116.9

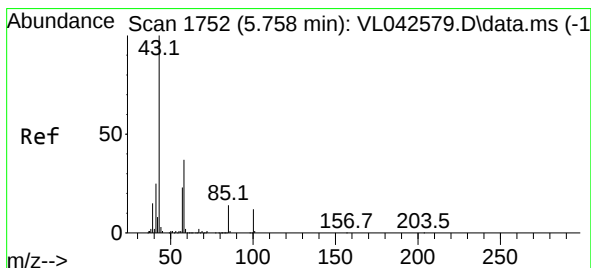
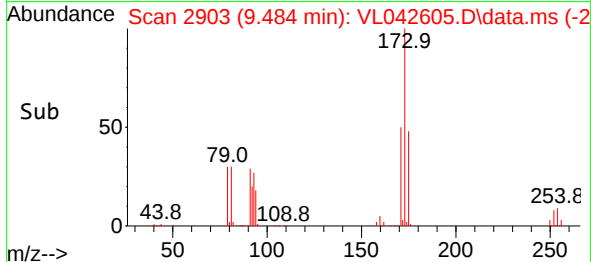
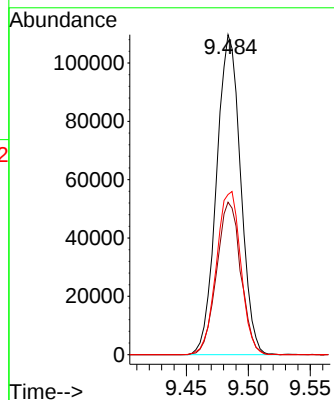
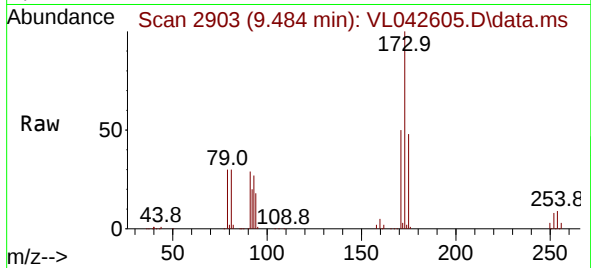




#49
Bromoform
Concen: 10.445 ppbv
RT: 9.484 min Scan# 2903
Delta R.T. -0.006 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

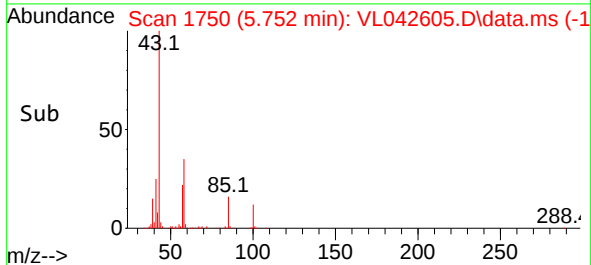
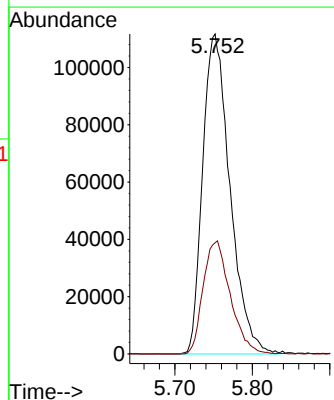
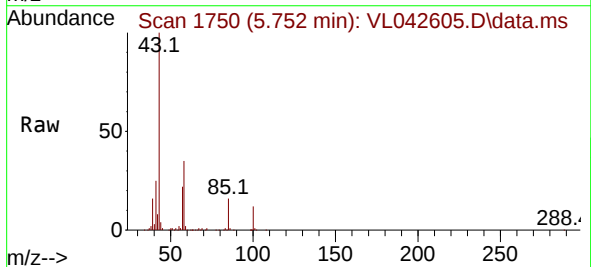
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

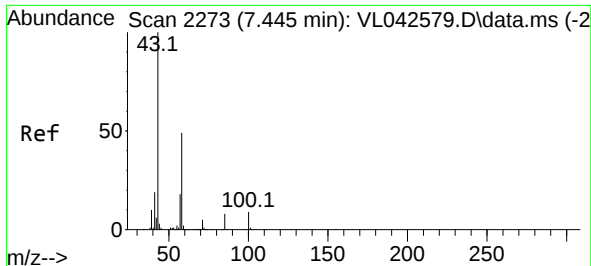
Tgt Ion:173 Resp: 148548
Ion Ratio Lower Upper
173 100
175 48.0 38.7 58.1
171 51.9 41.2 61.8



#50
4-Methyl-2-Pentanone
Concen: 10.129 ppbv
RT: 5.752 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 43 Resp: 273665
Ion Ratio Lower Upper
43 100
58 35.1 28.3 42.5

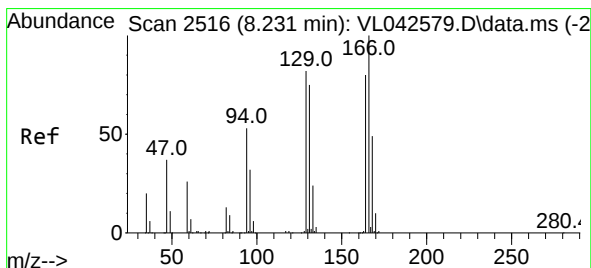
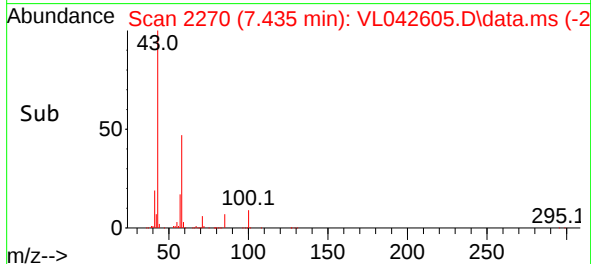
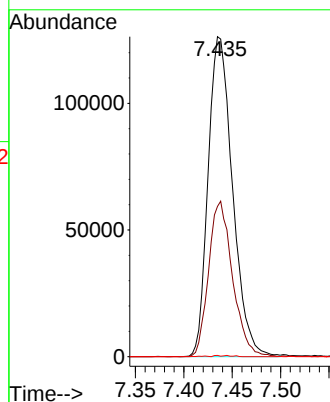
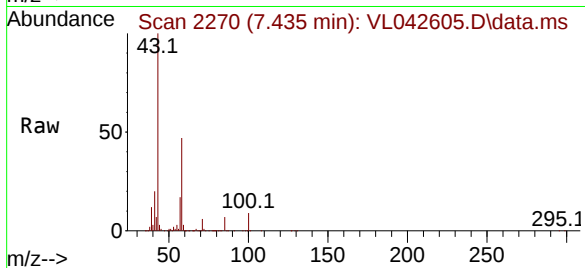




#51
2-Hexanone
Concen: 10.364 ppbv
RT: 7.435 min Scan# 211
Delta R.T. -0.010 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

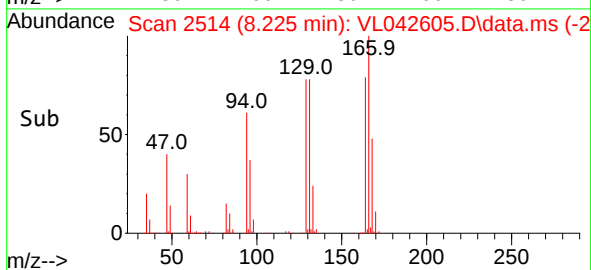
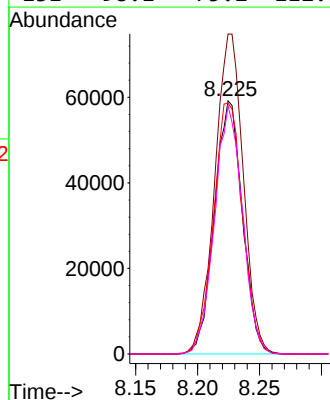
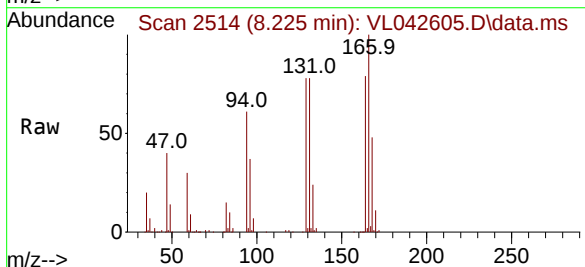
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

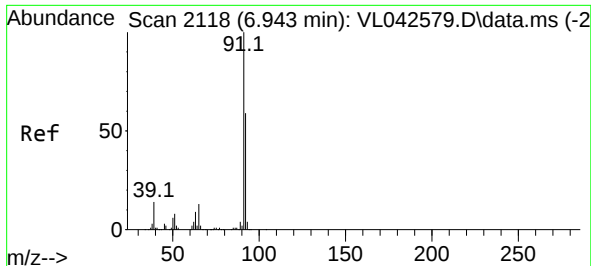
Tgt Ion: 43 Resp: 222080
Ion Ratio Lower Upper
43 100
58 47.7 39.9 59.9
98 0.3 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.310 ppbv
RT: 8.225 min Scan# 2514
Delta R.T. -0.006 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion:164 Resp: 93572
Ion Ratio Lower Upper
164 100
166 126.3 100.0 150.0
129 99.1 82.2 123.4
131 98.1 75.2 112.8

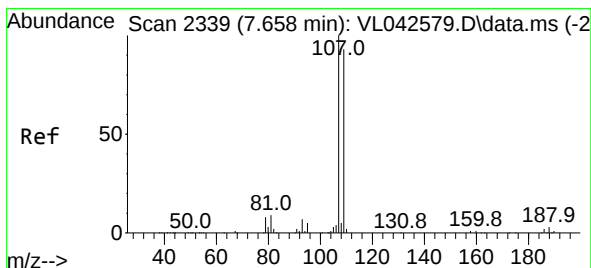
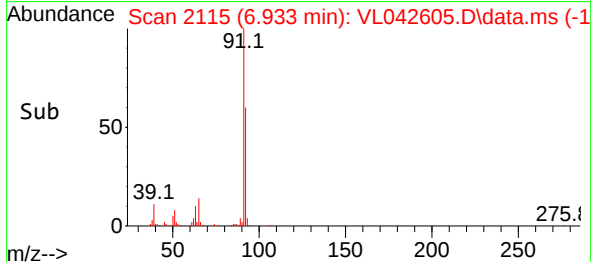
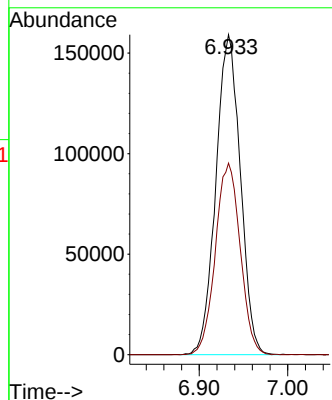
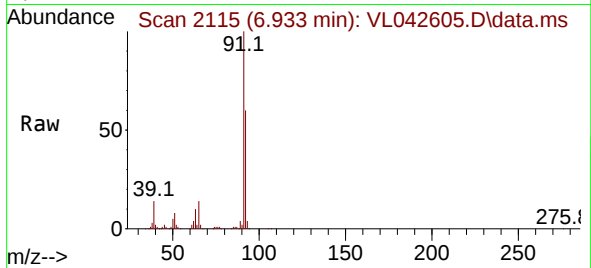




#53
Toluene
Concen: 9.846 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.010 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

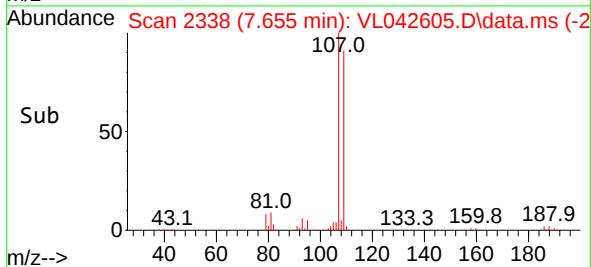
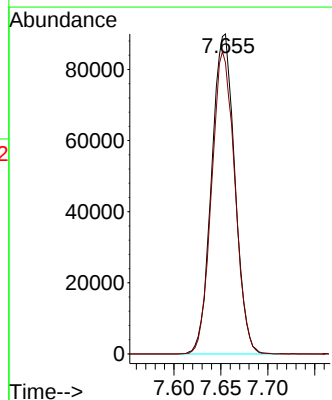
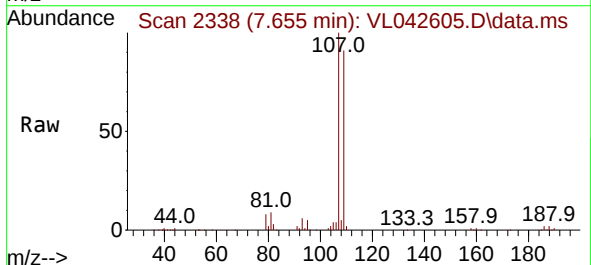
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

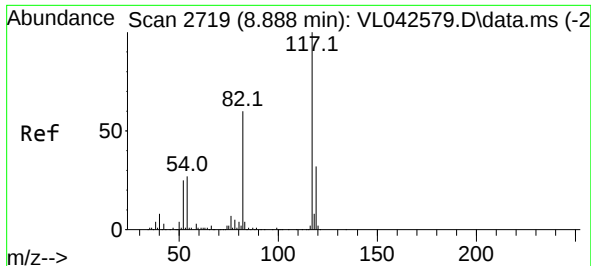
Tgt Ion: 91 Resp: 306074
Ion Ratio Lower Upper
91 100
92 60.6 48.2 72.4



#54
1,2-Dibromoethane
Concen: 10.149 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 107 Resp: 154672
Ion Ratio Lower Upper
107 100
109 90.9 74.3 111.5

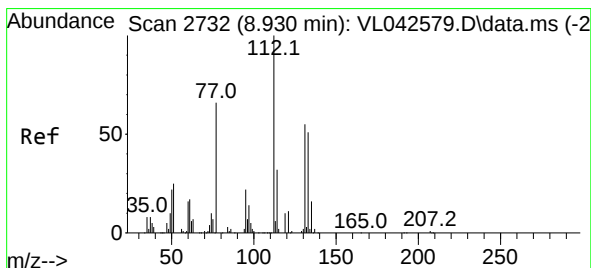
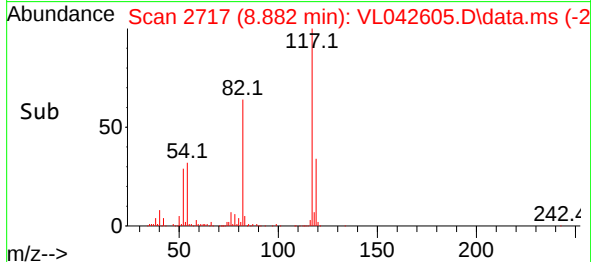
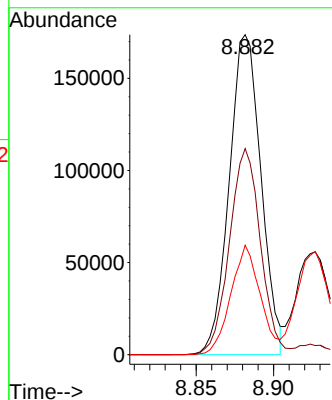
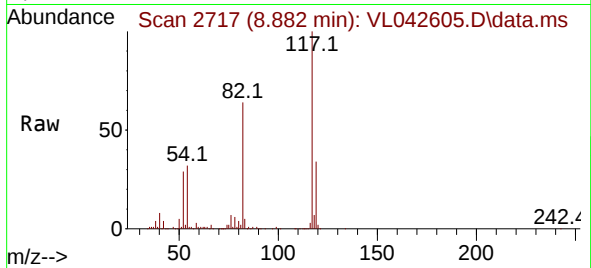




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

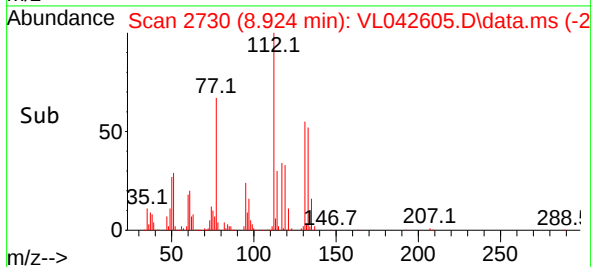
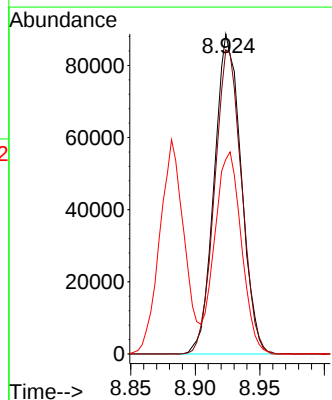
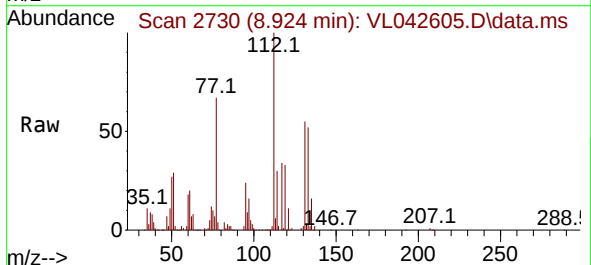
Instrument :
MSVOA_1
ClientSampleId :
VL0603ABS01

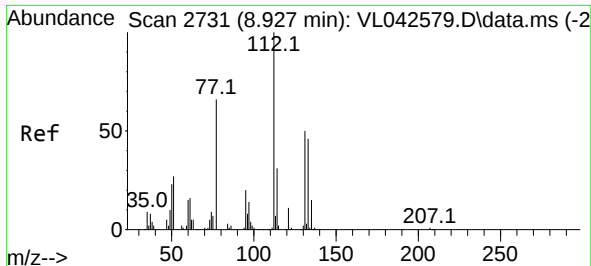
Tgt Ion:117 Resp: 248555
Ion Ratio Lower Upper
117 100
82 66.1 51.2 76.8
119 31.9 26.3 39.5



#56
1,1,1,2-Tetrachloroethane
Concen: 10.279 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. -0.007 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion:131 Resp: 128470
Ion Ratio Lower Upper
131 100
133 95.5 75.0 112.6
119 63.9 50.8 76.2

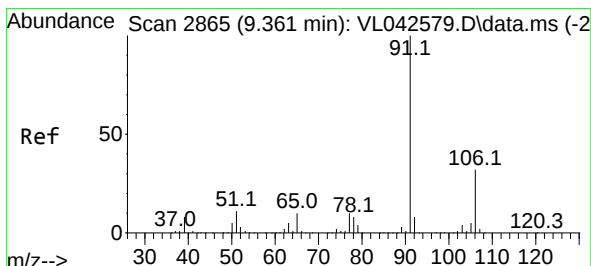
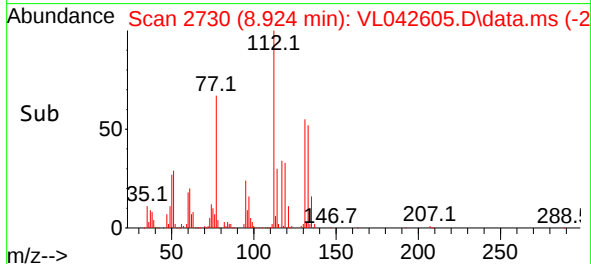
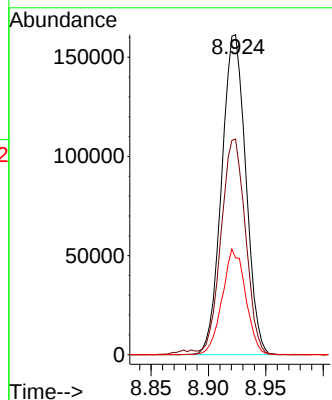
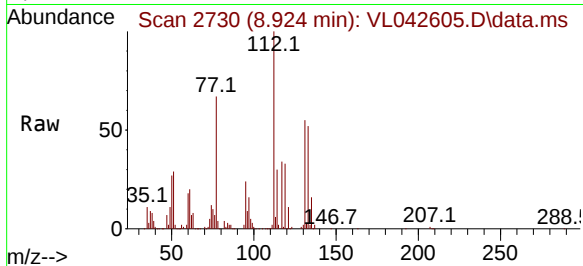




#57
Chlorobenzene
Concen: 9.798 ppbv
RT: 8.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

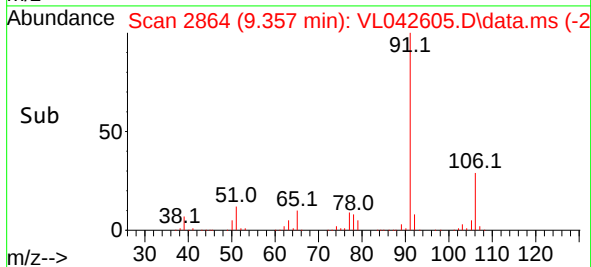
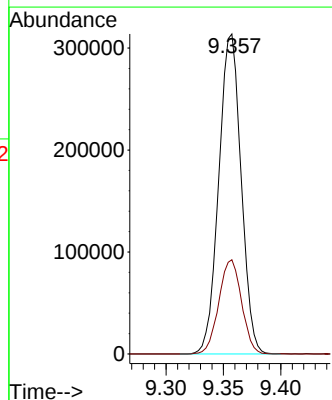
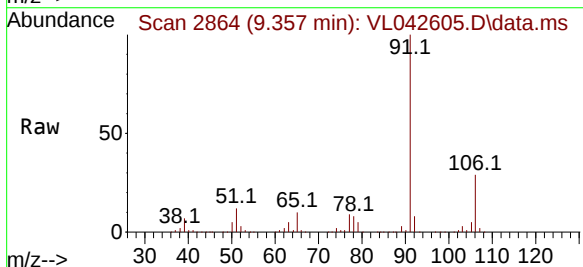
Instrument :
MSVOA_1
ClientSampleId :
VL0603ABS01

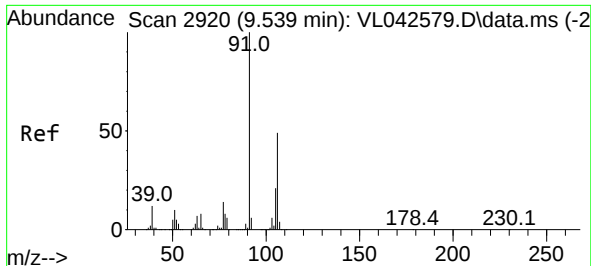
Tgt Ion:112 Resp: 236463
Ion Ratio Lower Upper
112 100
77 67.4 53.5 80.3
114 30.3 27.8 34.0



#58
Ethyl Benzene
Concen: 10.072 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 91 Resp: 424631
Ion Ratio Lower Upper
91 100
106 29.5 25.9 38.9





#59

m/p-Xylene

Concen: 10.596 ppbv

RT: 9.532 min Scan# 2918

Delta R.T. -0.006 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

Instrument :

MSVOA_1

ClientSampleId :

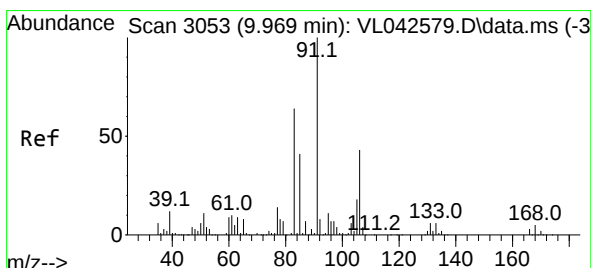
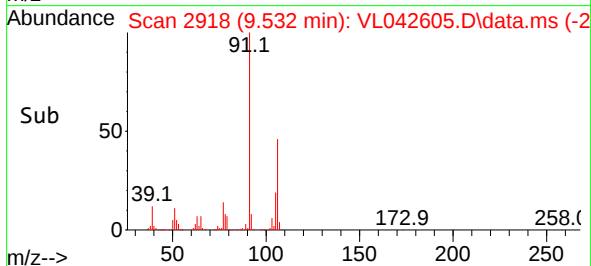
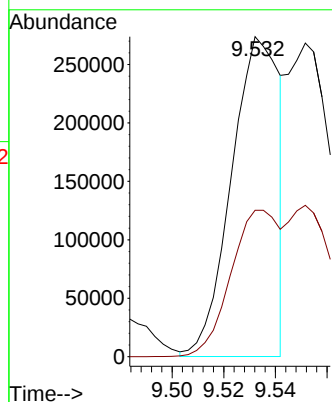
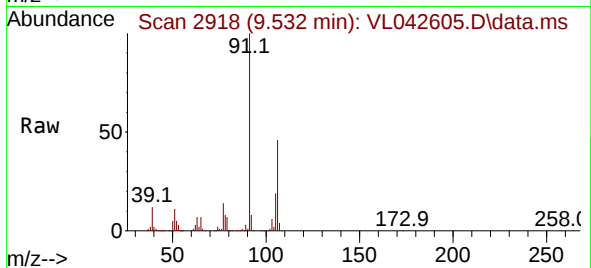
VL0603ABS01

Tgt Ion: 91 Resp: 351575

Ion Ratio Lower Upper

91 100

106 0.0 38.8 58.2#



#60

o-Xylene

Concen: 10.082 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.003 min

Lab File: VL042605.D

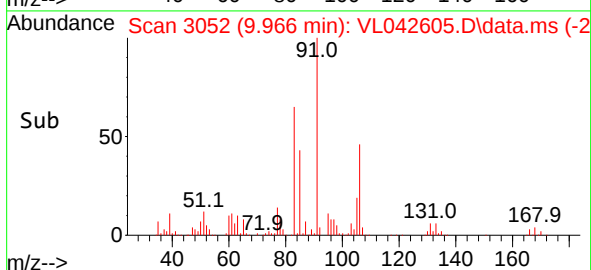
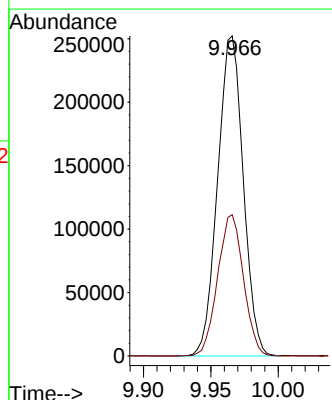
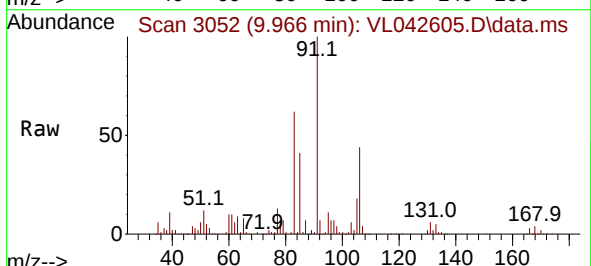
Acq: 03 Jun 2025 11:37

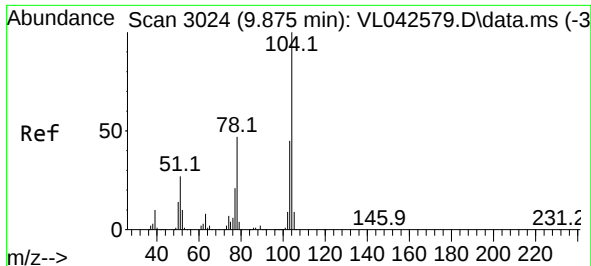
Tgt Ion: 91 Resp: 333639

Ion Ratio Lower Upper

91 100

106 44.5 22.9 68.5

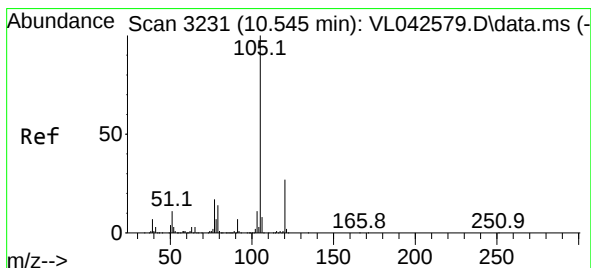
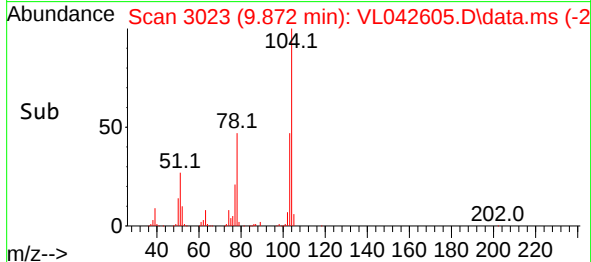
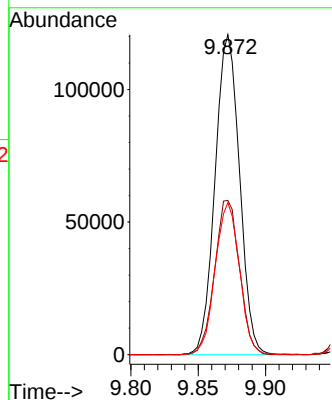
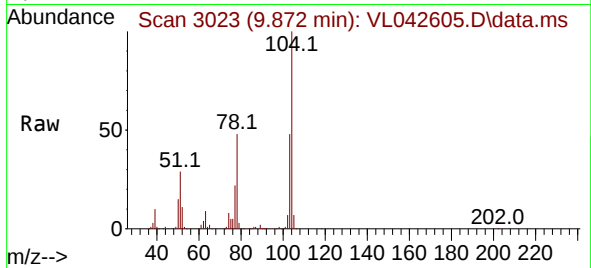




#61
Styrene
Concen: 9.757 ppbv
RT: 9.872 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

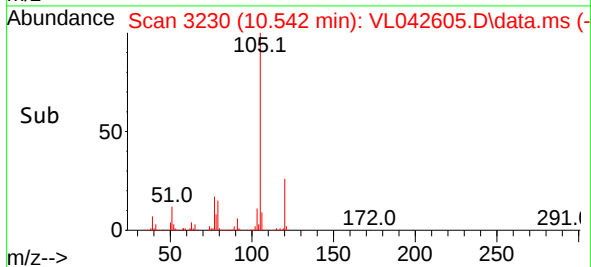
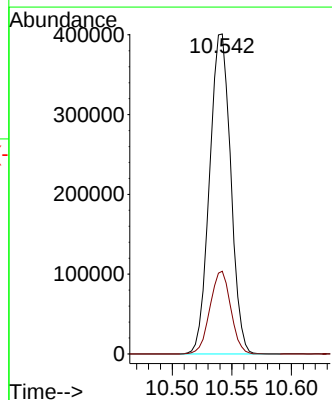
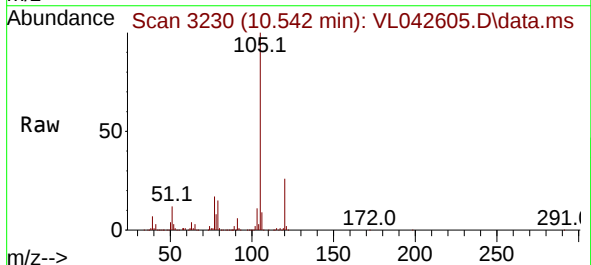
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

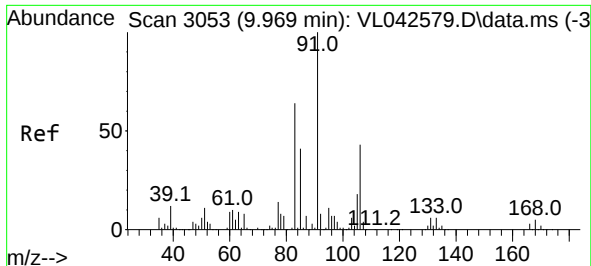
Tgt Ion:104 Resp: 152652
Ion Ratio Lower Upper
104 100
78 49.0 38.2 57.4
103 47.2 36.7 55.1



#62
Isopropylbenzene
Concen: 10.115 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion:105 Resp: 494485
Ion Ratio Lower Upper
105 100
120 25.4 20.9 31.3

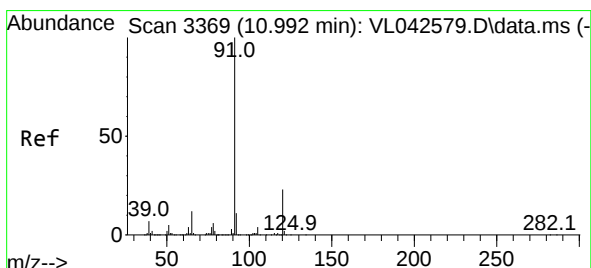
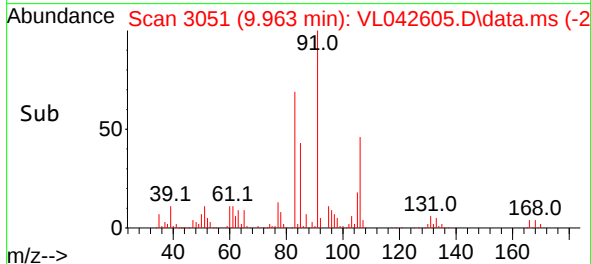
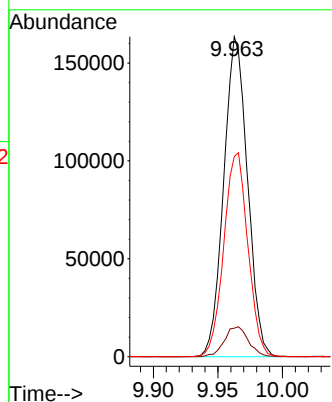
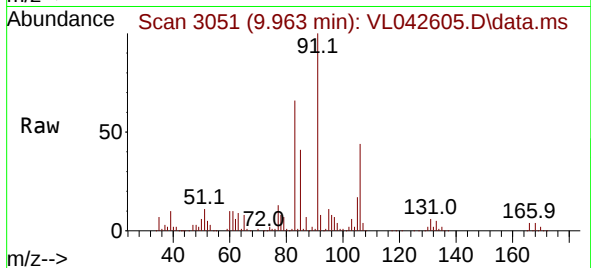




#63
1,1,2,2-Tetrachloroethane
Concen: 9.947 ppbv
RT: 9.963 min Scan# 3053
Delta R.T. -0.006 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

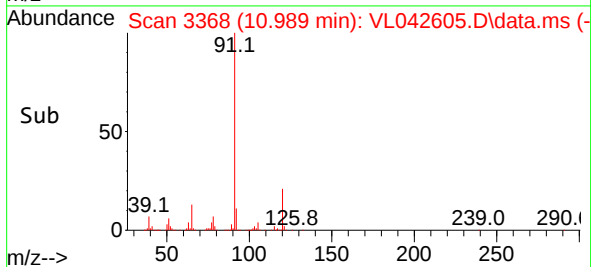
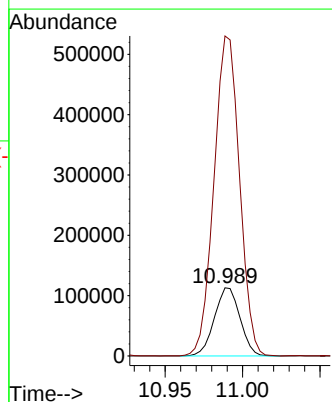
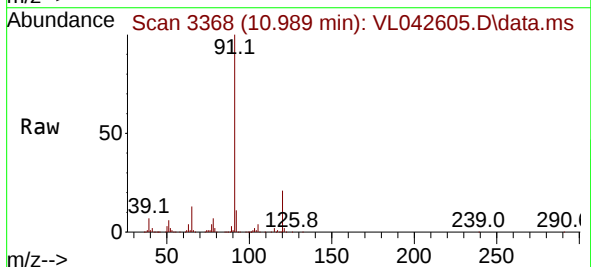
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

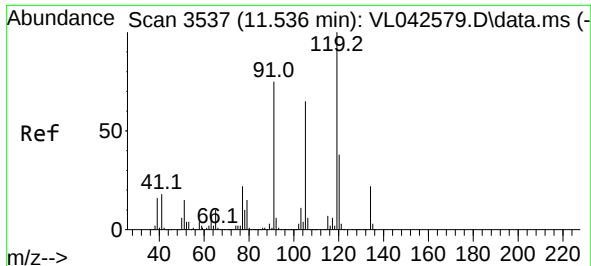
Tgt Ion: 83 Resp: 209295
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 64.4 32.5 97.4



#64
n-propylbenzene
Concen: 9.896 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 120 Resp: 129678
Ion Ratio Lower Upper
120 100
91 470.5 363.0 544.6

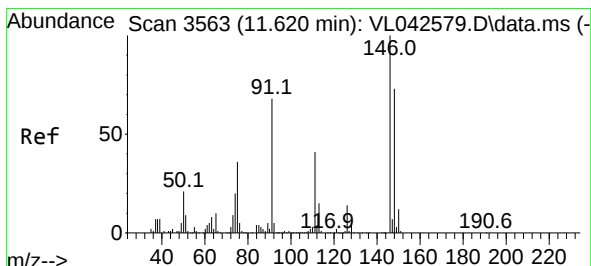
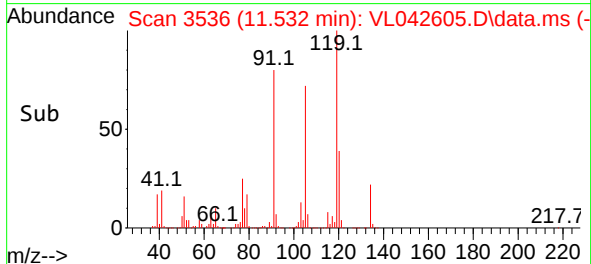
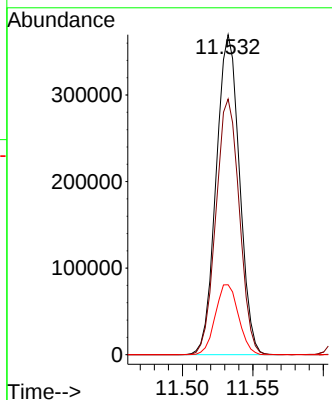
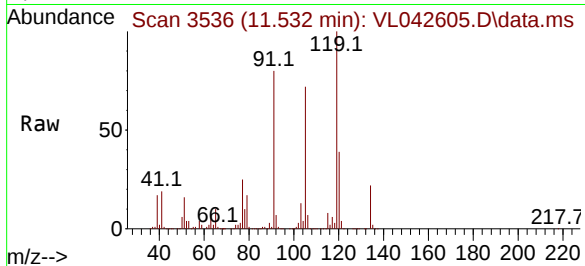




#65
tert-Butylbenzene
Concen: 9.585 ppbv
RT: 11.532 min Scan# 3537
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

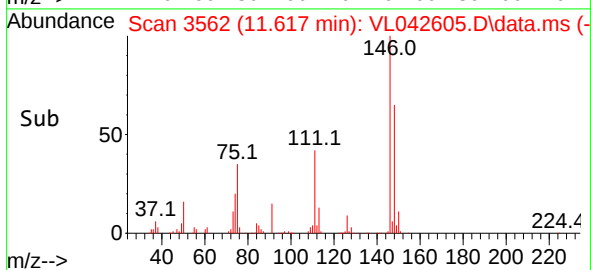
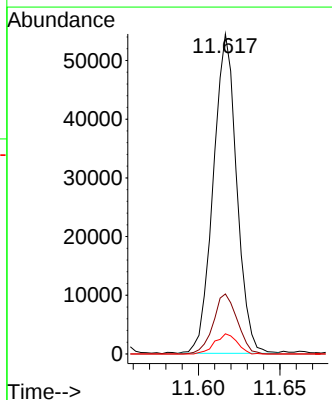
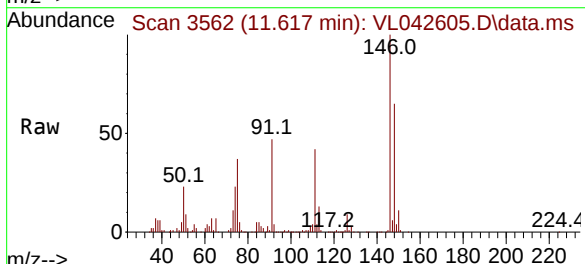
Instrument :
MSVOA_1
ClientSampleId :
VL0603ABS01

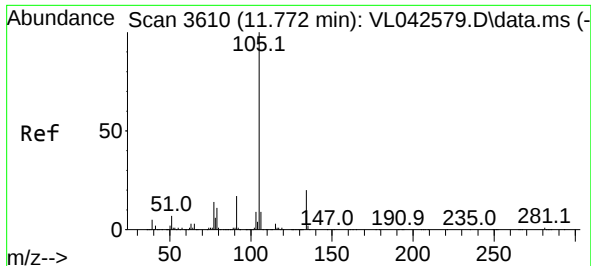
Tgt Ion:119 Resp: 425244
Ion Ratio Lower Upper
119 100
91 80.3 61.1 91.7
134 21.8 17.4 26.2



#66
Benzyl Chloride
Concen: 9.515 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 91 Resp: 54337
Ion Ratio Lower Upper
91 100
126 19.2 15.1 22.7
128 6.0 5.0 7.6

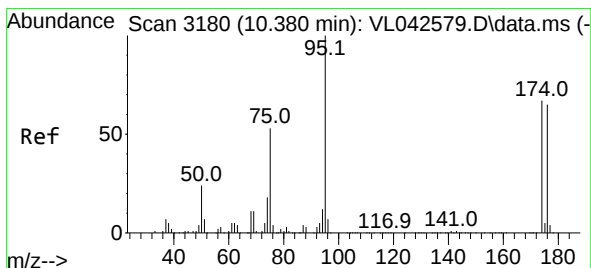
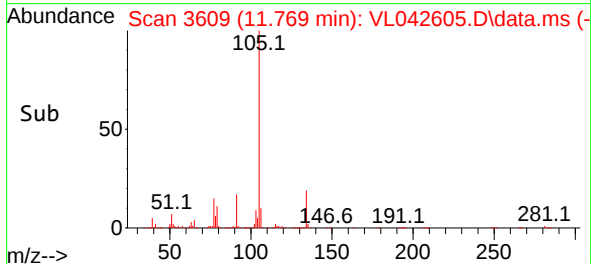
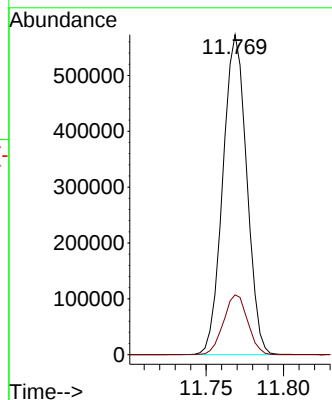
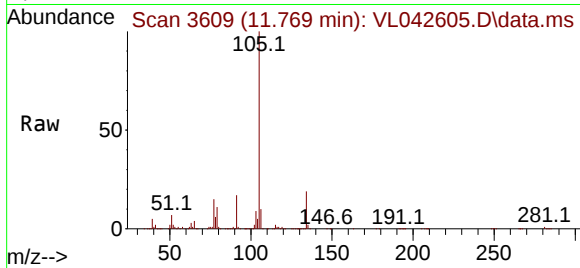




#67
 sec-Butylbenzene
 Concen: 9.847 ppbv
 RT: 11.769 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

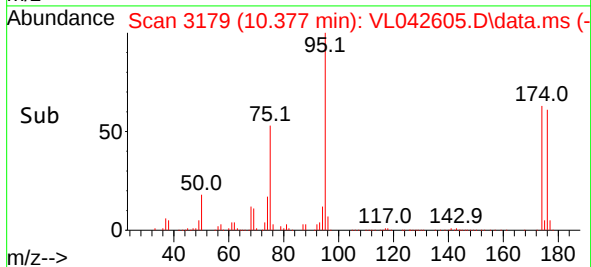
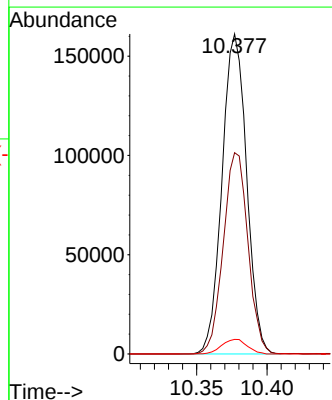
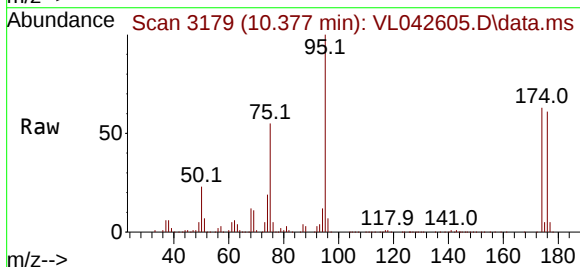
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01

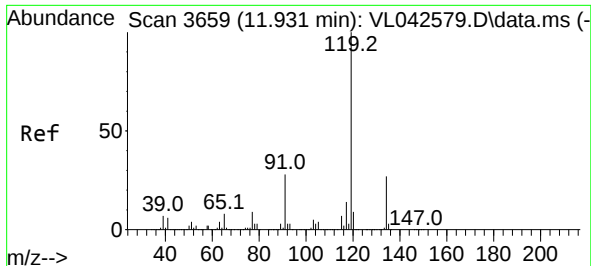
Tgt Ion:105 Resp: 614188
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.8 23.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.519 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

Tgt Ion: 95 Resp: 196000
 Ion Ratio Lower Upper
 95 100
 174 63.2 53.1 79.7
 175 4.7 4.2 6.2

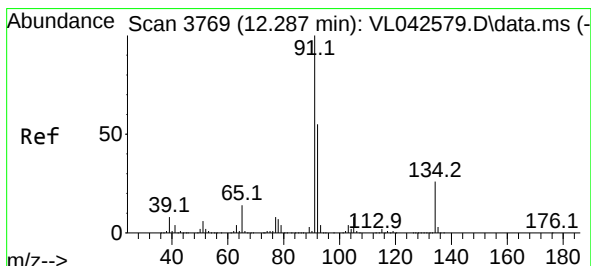
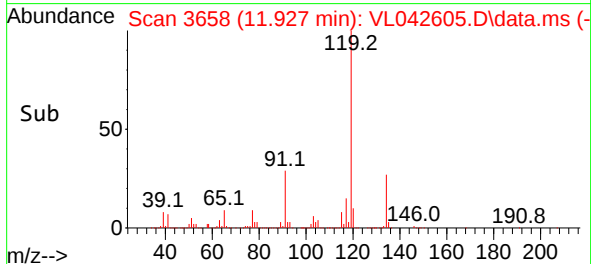
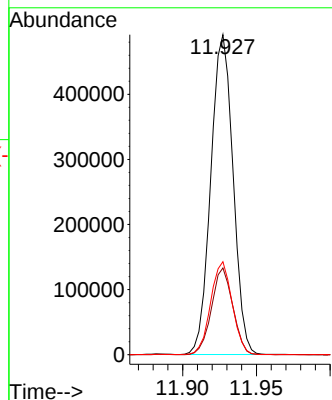
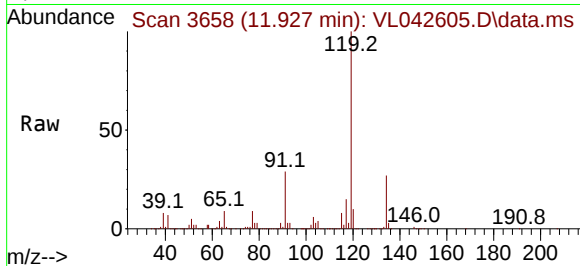




#69
p-Isopropyltoluene
Concen: 9.849 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

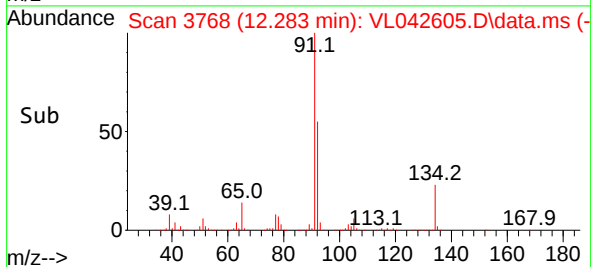
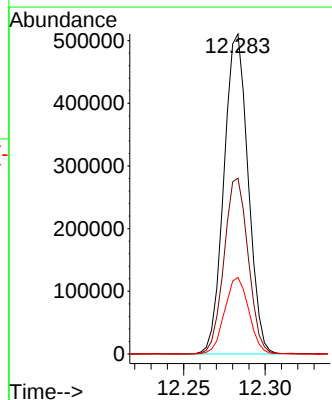
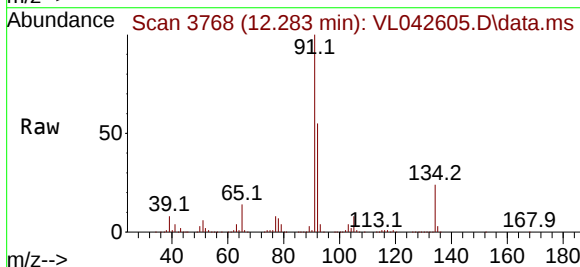
Instrument :
MSVOA_1
ClientSampleId :
VL0603ABS01

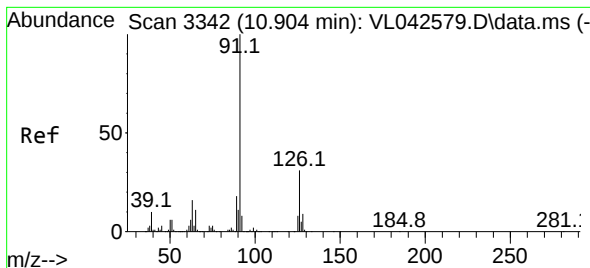
Tgt Ion:119 Resp: 514415
Ion Ratio Lower Upper
119 100
134 26.1 21.1 31.7
91 28.4 21.9 32.9



#70
n-Butylbenzene
Concen: 10.196 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 91 Resp: 525707
Ion Ratio Lower Upper
91 100
92 55.1 44.4 66.6
134 23.9 20.1 30.1

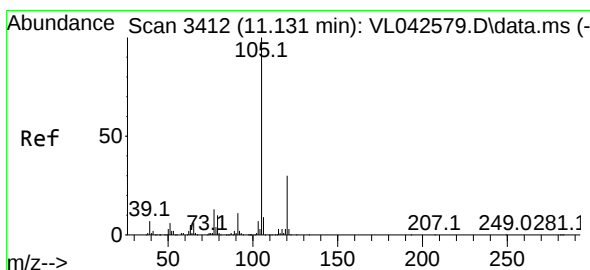
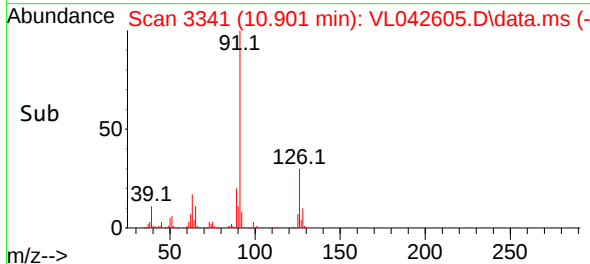
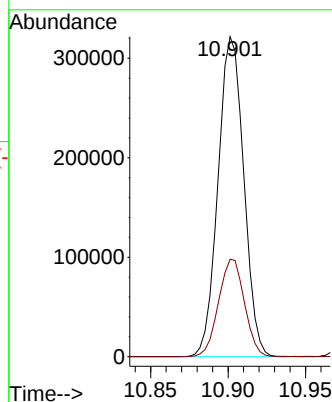
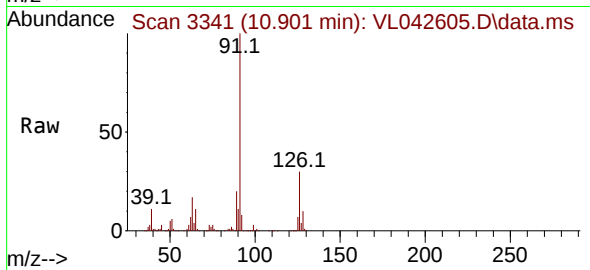




#71
2-Chlorotoluene
Concen: 9.969 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

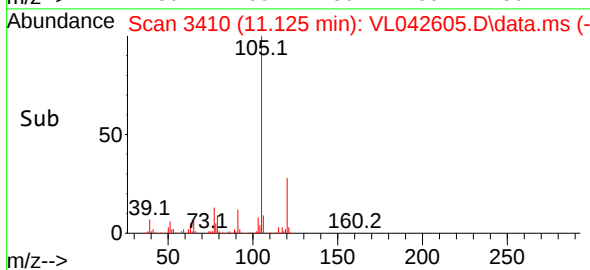
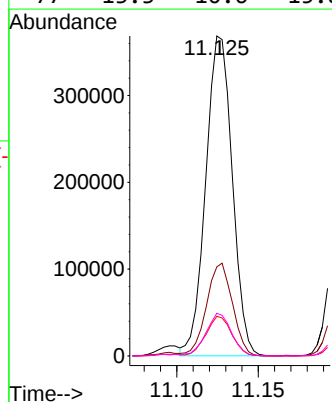
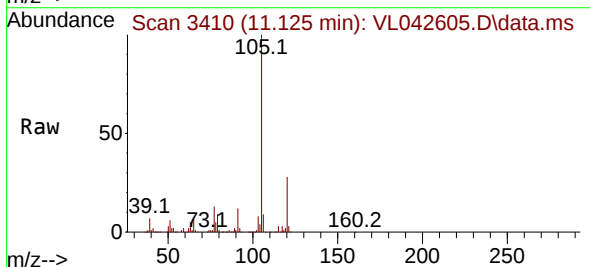
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

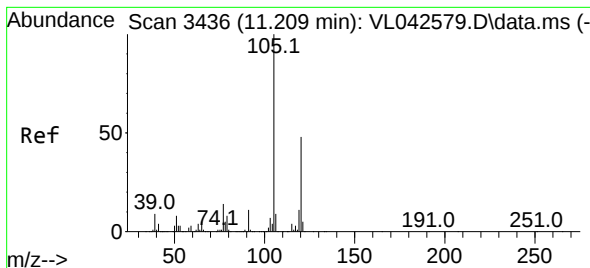
Tgt Ion: 91 Resp: 371727
Ion Ratio Lower Upper
91 100
126 30.6 12.6 50.4



#72
4-Ethyltoluene
Concen: 10.109 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. -0.007 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion: 105 Resp: 417062
Ion Ratio Lower Upper
105 100
120 29.3 24.6 36.8
91 12.7 9.6 14.4
77 13.3 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 10.060 ppbv

RT: 11.205 min Scan# 3435

Delta R.T. -0.003 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

Instrument :

MSVOA_L

ClientSampleId :

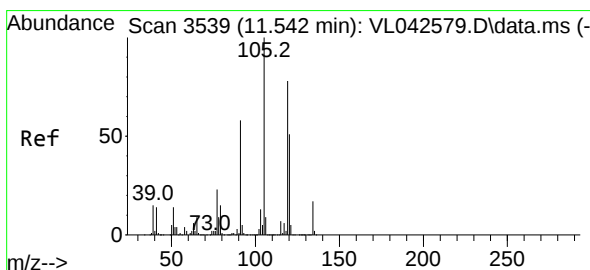
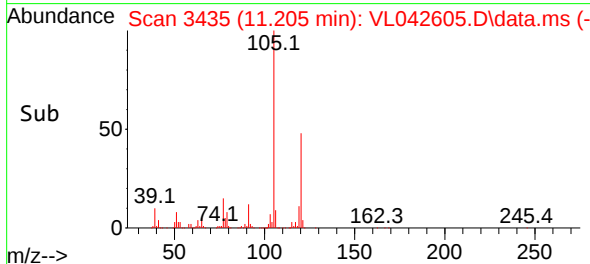
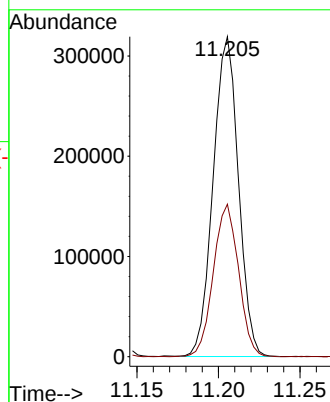
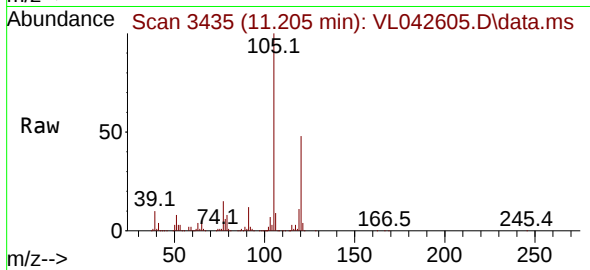
VL0603ABS01

Tgt Ion:105 Resp: 343506

Ion Ratio Lower Upper

105 100

120 47.7 38.8 58.2



#74

1,2,4-Trimethylbenzene

Concen: 9.969 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.003 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

Tgt Ion:105 Resp: 377755

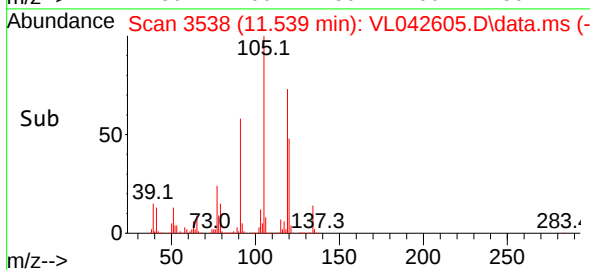
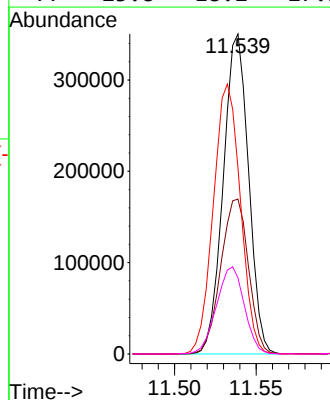
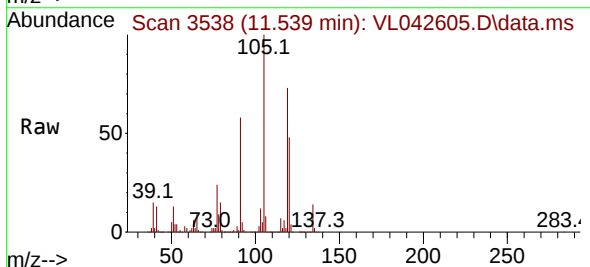
Ion Ratio Lower Upper

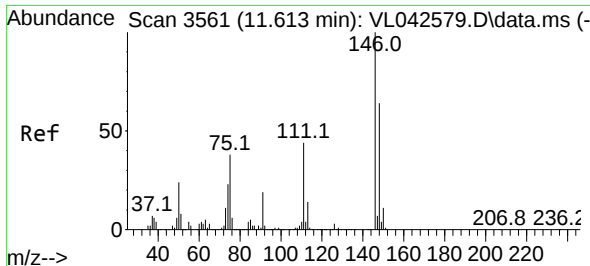
105 100

120 48.4 40.8 61.2

91 58.1 46.8 70.2

77 23.8 18.2 27.2

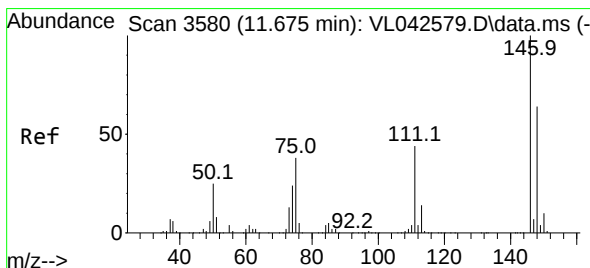
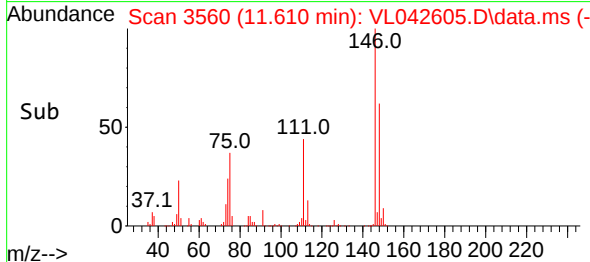
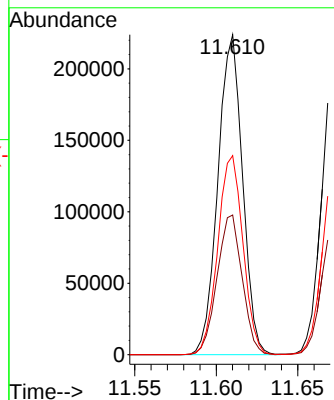
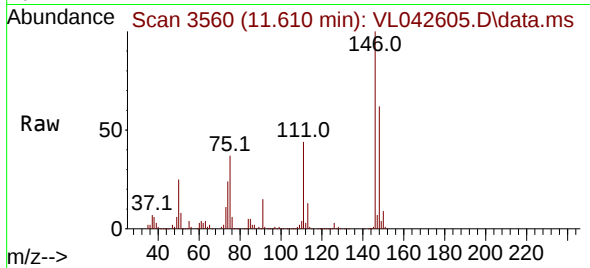




#75
1,3-Dichlorobenzene
Concen: 9.871 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

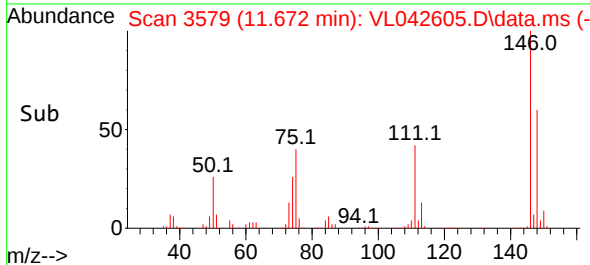
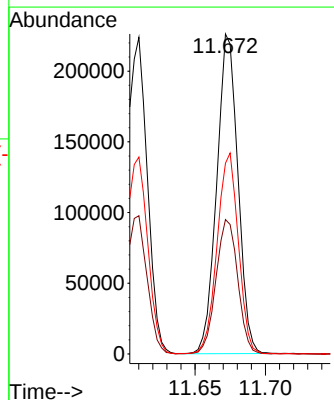
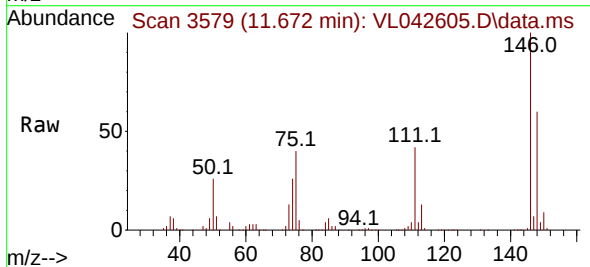
Instrument :
MSVOA_1
ClientSampleId :
VL0603ABS01

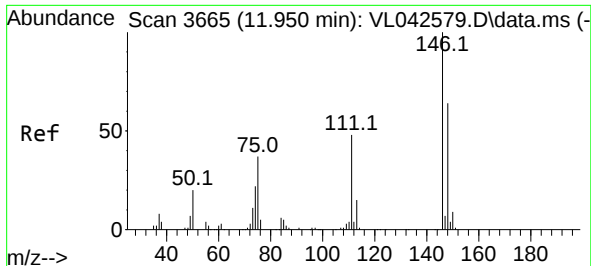
Tgt Ion:146 Resp: 234893
Ion Ratio Lower Upper
146 100
111 44.6 22.4 67.3
148 63.8 32.0 96.2



#76
1,4-Dichlorobenzene
Concen: 9.976 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion:146 Resp: 236748
Ion Ratio Lower Upper
146 100
111 43.4 21.6 64.8
148 63.2 32.1 96.5

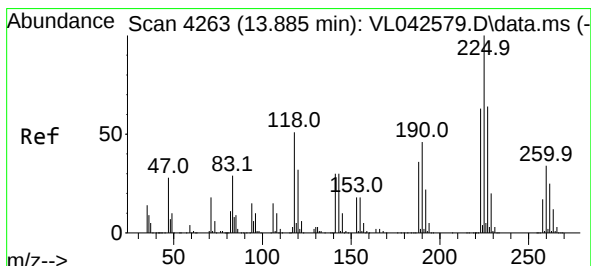
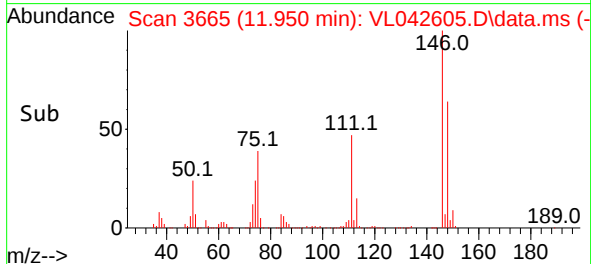
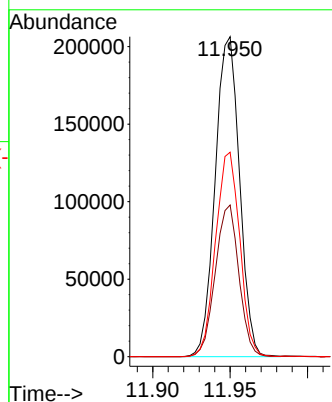
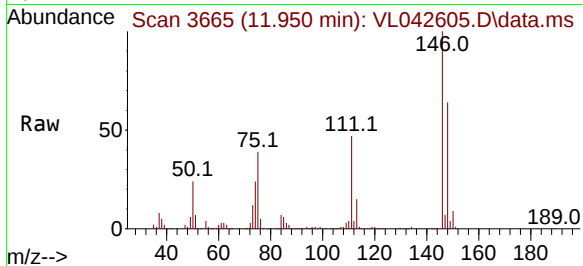




#77
1,2-Dichlorobenzene
Concen: 9.769 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. -0.000 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

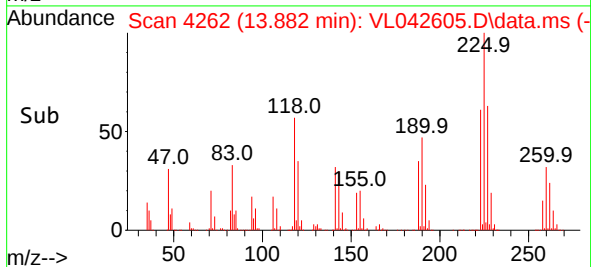
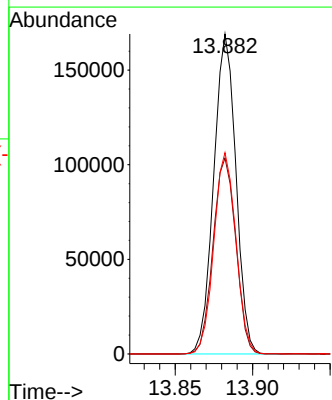
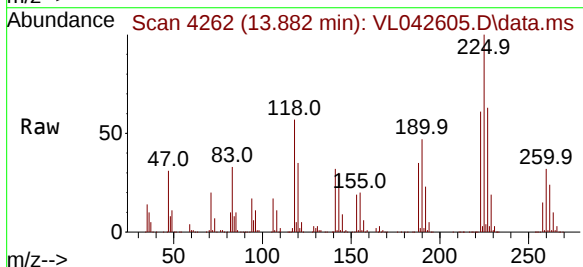
Instrument :
MSVOA_L
ClientSampleId :
VL0603ABS01

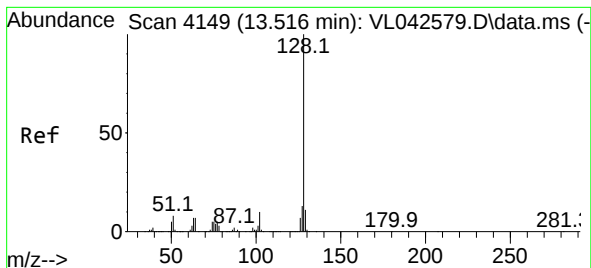
Tgt Ion:146 Resp: 225623
Ion Ratio Lower Upper
146 100
111 46.0 23.1 69.3
148 63.5 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 8.823 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042605.D
Acq: 03 Jun 2025 11:37

Tgt Ion:225 Resp: 168601
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.4
227 62.7 51.1 76.7





#79

Naphthalene

Concen: 10.277 ppbv

RT: 13.513 min Scan# 4149

Delta R.T. -0.003 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

Instrument :

MSVOA_L

ClientSampleId :

VL0603ABS01

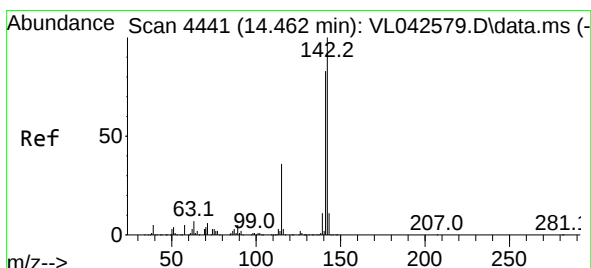
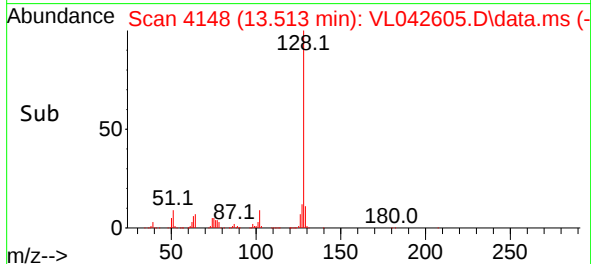
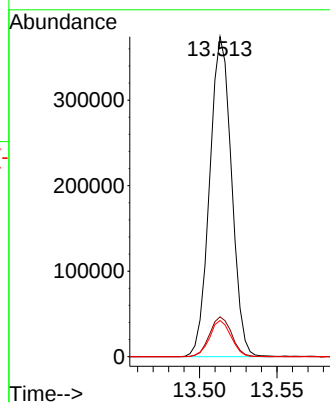
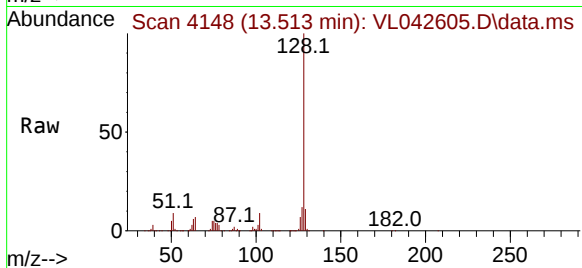
Tgt Ion:128 Resp: 367068

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 11.3 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 11.310 ppbv

RT: 14.458 min Scan# 4440

Delta R.T. -0.003 min

Lab File: VL042605.D

Acq: 03 Jun 2025 11:37

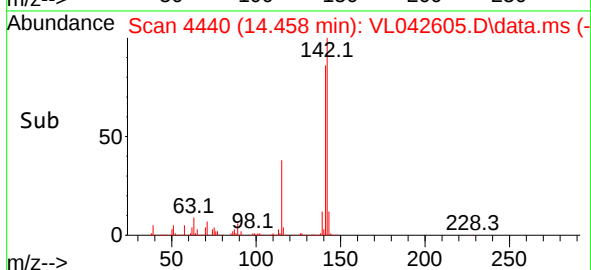
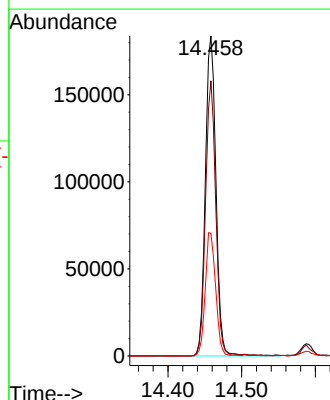
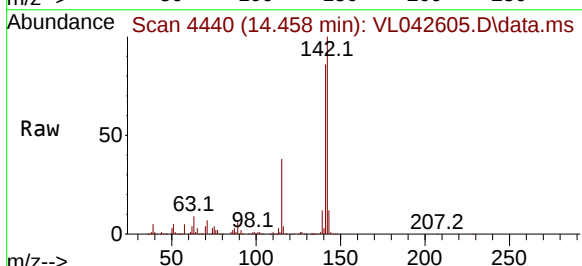
Tgt Ion:142 Resp: 182507

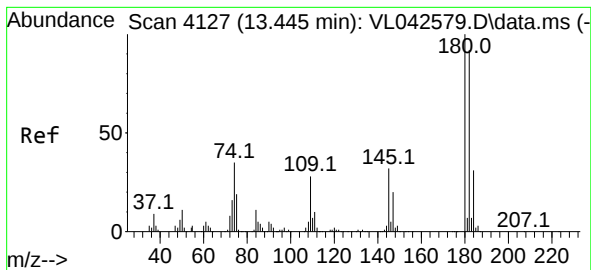
Ion Ratio Lower Upper

142 100

141 84.1 66.2 99.4

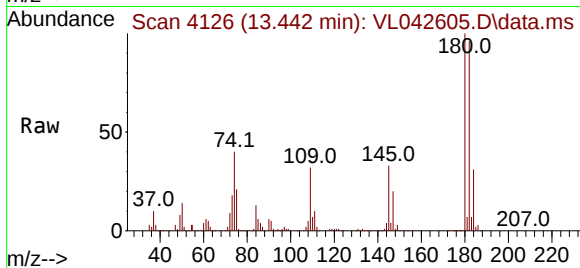
115 38.0 28.3 42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 9.749 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042605.D
 Acq: 03 Jun 2025 11:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0603ABS01



Tgt Ion:180 Resp: 194387
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.0 112.4
 184 30.0 24.6 36.8

