

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
 Data File : VL043056.D
 Acq On : 08 Oct 2025 10:23
 Operator : SY/MD
 Sample : VL1008ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

Quant Time: Oct 09 01:13:58 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Fri Oct 03 08:23:34 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	180769	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.965	114	507280	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.888	117	420006	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 311409 10.292 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	298862	9.809	ppbv	99
3) Chlorodifluoromethane	1.479	51	287792	9.765	ppbv	99
4) Chloromethane	1.534	50	109383	9.829	ppbv	99
5) Vinyl Chloride	1.583	62	100664	9.531	ppbv	98
6) Bromomethane	1.670	94	47728	10.057	ppbv	94
7) Chloroethane	1.706	64	41972	9.524	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	241906	9.690	ppbv	100
9) Propene	1.486	41	112680	9.482	ppbv	97
10) Heptane	4.988	43	320232	10.961	ppbv	99
11) Trichlorofluoromethane	1.881	101	303354	9.689	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.143	101	236959	9.609	ppbv	98
13) Ethanol	1.725	45	5047	10.450	ppbv	96
14) Bromoethene	1.784	108	85960	9.723	ppbv	100
15) Acetone	1.839	43	214418	8.471	ppbv	99
16) 1,3-Butadiene	1.612	39	99577	9.542	ppbv	99
17) tert-Butyl alcohol	2.043	59	257752	9.627	ppbv	99
18) 1,1-Dichloroethene	2.036	96	103392	9.565	ppbv	99
19) Isopropyl Alcohol	1.887	45	112050	9.240	ppbv	98
20) Methylene Chloride	2.065	84	91977	8.325	ppbv	97
21) Allyl Chloride	2.101	41	157994	9.743	ppbv	99
22) trans-1,2-Dichloroethene	2.344	96	116408	9.485	ppbv	96
23) Vinyl Acetate	2.463	43	42601	7.928	ppbv #	97
24) 1,1-Dichloroethane	2.412	63	224330	9.643	ppbv	98
25) Ethyl Acetate	2.839	43	649598	10.231	ppbv	100
26) Hexane	2.832	57	257052	10.524	ppbv	99
27) Carbon Disulfide	2.153	76	282182	9.786	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	141448	9.254	ppbv	100
29) Chloroform	2.852	83	402846	9.674	ppbv	99
30) Cyclohexane	3.865	84	209844	10.455	ppbv	98
31) cis-1,2-Dichloroethene	2.726	61	240044	9.560	ppbv	99
32) 1,1,1-Trichloroethane	3.373	97	388607	9.602	ppbv	99
34) 2-Butanone	2.560	43	346409	10.064	ppbv	99
35) Carbon Tetrachloride	3.768	117	414085	9.922	ppbv	97
36) Benzene	3.664	78	505655	10.433	ppbv	99
37) 1,2-Dichloroethane	3.224	62	295335	10.289	ppbv	99
38) Trichloroethene	4.558	130	214599	10.629	ppbv	100
39) 1,2-Dichloropropane	4.321	63	184414	10.265	ppbv	96
40) 1,4-Dioxane	4.587	88	80666	10.469	ppbv #	98
41) Tetrahydrofuran	3.056	42	196371	11.038	ppbv	99
42) Bromodichloromethane	4.496	83	421840	10.407	ppbv	98
43) Methyl Methacrylate	4.888	69	177306	11.020	ppbv	98
44) 2,2,4-Trimethylpentane	4.648	57	876882	11.275	ppbv	99
45) t-1,3-Dichloropropene	6.425	75	149657	10.165	ppbv	98

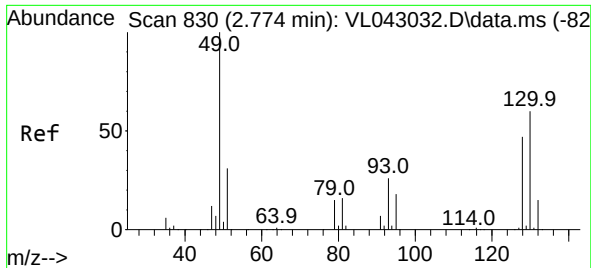
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
 Data File : VL043056.D
 Acq On : 08 Oct 2025 10:23
 Operator : SY/MD
 Sample : VL1008ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

Quant Time: Oct 09 01:13:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 08:23:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	219390	10.576	ppbv	98
47) 1,1,2-Trichloroethane	6.593	97	202692	10.143	ppbv	93
48) Dibromochloromethane	7.396	129	335227	10.279	ppbv	100
49) Bromoform	9.490	173	277184	10.177	ppbv	100
50) 4-Methyl-2-Pentanone	5.755	43	479434	11.422	ppbv	99
51) 2-Hexanone	7.441	43	357341	11.961	ppbv #	97
52) Tetrachloroethene	8.234	164	174823	9.742	ppbv	98
53) Toluene	6.943	91	550580	11.253	ppbv	100
54) 1,2-Dibromoethane	7.661	107	244672	10.331	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.933	131	268030	10.469	ppbv	99
57) Chlorobenzene	8.930	112	454755	10.242	ppbv	98
58) Ethyl Benzene	9.361	91	751984	11.557	ppbv	100
59) m/p-Xylene	9.558	91	613801	11.184	ppbv #	30
60) o-Xylene	9.972	91	629102	11.507	ppbv	98
61) Styrene	9.879	104	264798	11.562	ppbv	99
62) Isopropylbenzene	10.545	105	934426	11.134	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	378183	9.643	ppbv	100
64) n-propylbenzene	10.995	120	244470	11.388	ppbv	99
65) tert-Butylbenzene	11.536	119	831489	11.133	ppbv	99
66) Benzyl Chloride	11.620	91	27741	9.718	ppbv	99
67) sec-Butylbenzene	11.772	105	1135694	10.896	ppbv	100
69) p-Isopropyltoluene	11.931	119	948994	11.193	ppbv	99
70) n-Butylbenzene	12.287	91	917717	11.241	ppbv	100
71) 2-Chlorotoluene	10.908	91	667532	10.990	ppbv	100
72) 4-Ethyltoluene	11.131	105	744358	11.439	ppbv	100
73) 1,3,5-Trimethylbenzene	11.209	105	624701	11.098	ppbv	99
74) 1,2,4-Trimethylbenzene	11.542	105	697335	10.976	ppbv	96
75) 1,3-Dichlorobenzene	11.613	146	408885	9.895	ppbv	100
76) 1,4-Dichlorobenzene	11.678	146	405222	10.285	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	395362	9.606	ppbv	100
78) Hexachloro-1,3-Butadiene	13.885	225	294735	10.277	ppbv	99
79) Naphthalene	13.517	128	540252	10.024	ppbv	100
80) Naphthalene,2-methyl-	14.462	142	208159	8.390	ppbv	99
81) 1,2,4-Trichlorobenzene	13.445	180	311481	12.721	ppbv	98

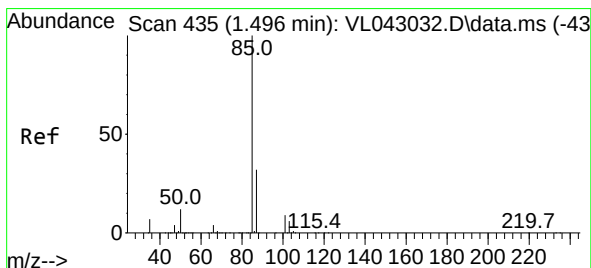
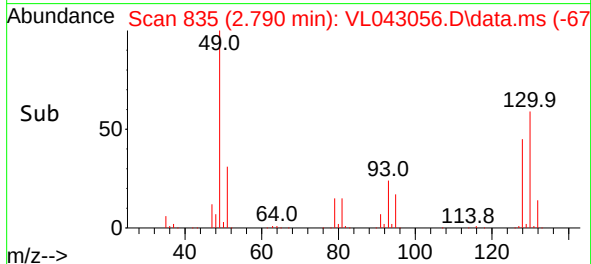
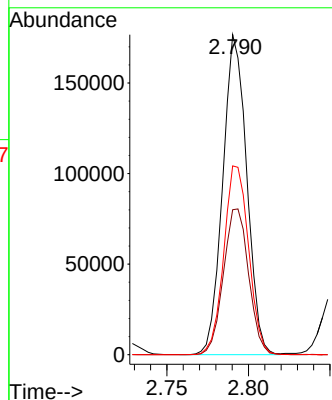
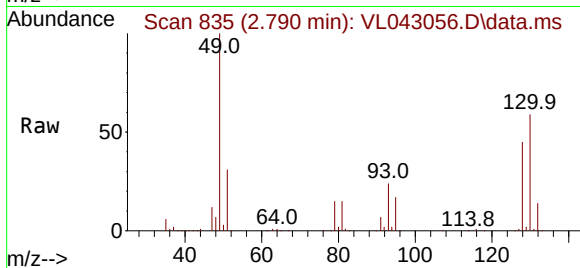
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.790 min Scan# 81
 Delta R.T. 0.016 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

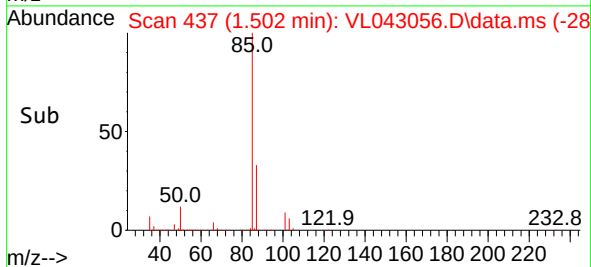
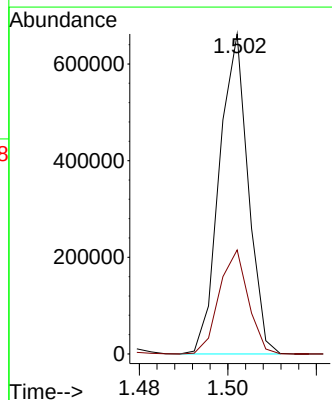
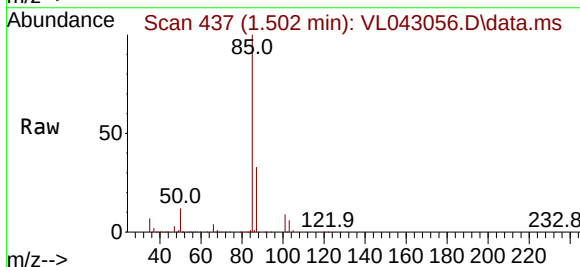
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

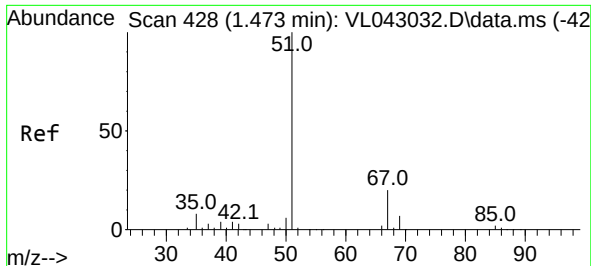
Tgt Ion: 49 Resp: 180769
 Ion Ratio Lower Upper
 49 100
 128 47.9 24.1 72.2
 130 61.1 31.4 94.3



#2
 Dichlorodifluoromethane
 Concen: 9.809 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.007 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Tgt Ion: 85 Resp: 298862
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6

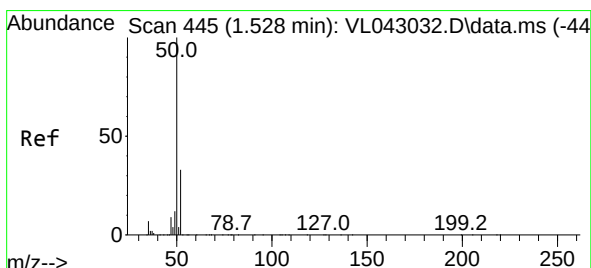
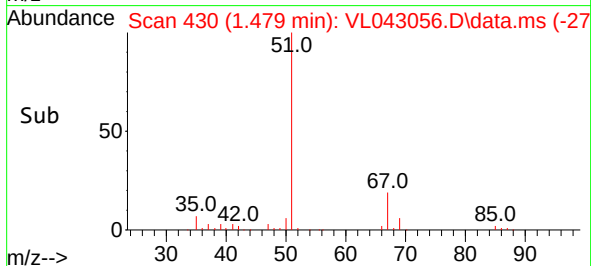
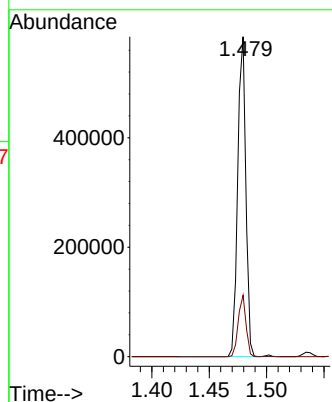
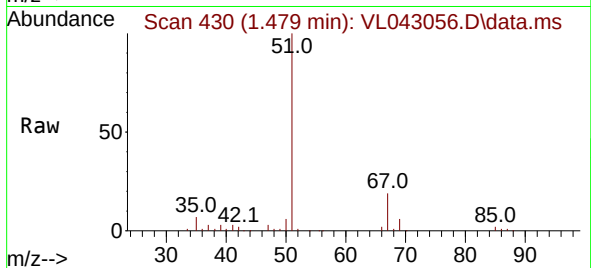




#3
Chlorodifluoromethane
Concen: 9.765 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

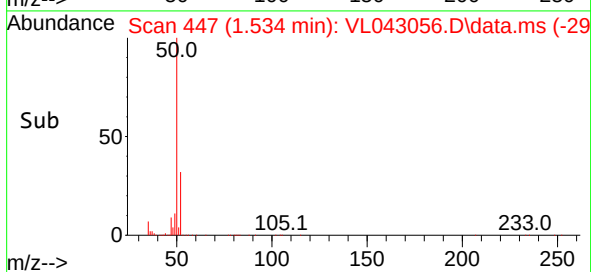
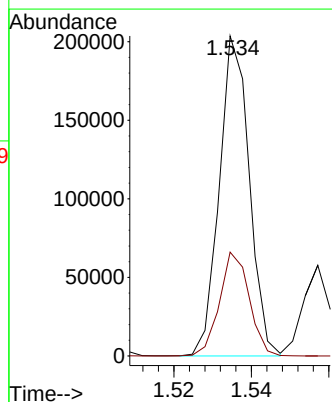
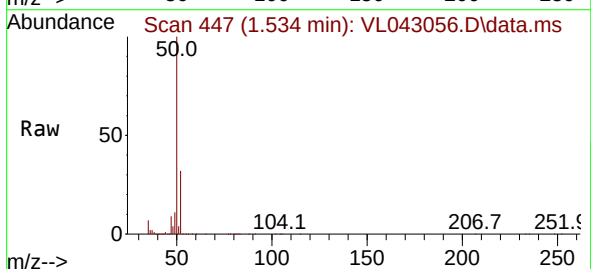
Instrument :
MSVOA_1
ClientSampleId :
VL1008ABS01

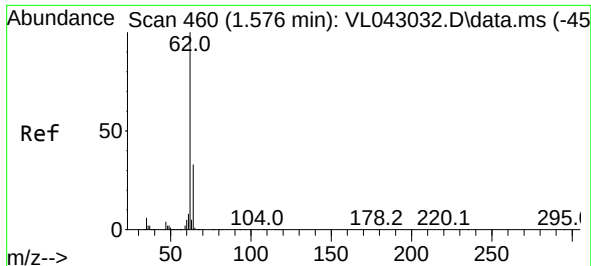
Tgt Ion: 51 Resp: 287792
Ion Ratio Lower Upper
51 100
67 18.5 15.1 22.7



#4
Chloromethane
Concen: 9.829 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 50 Resp: 109383
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.2

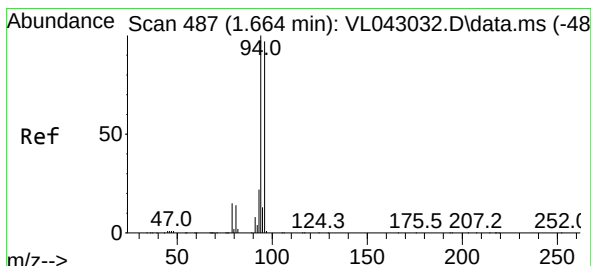
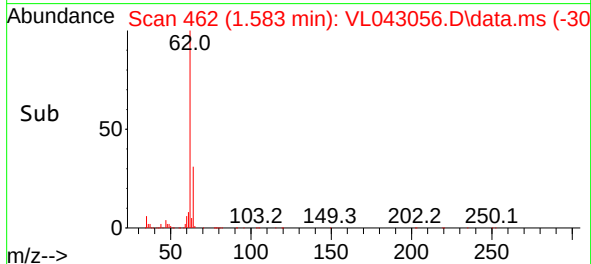
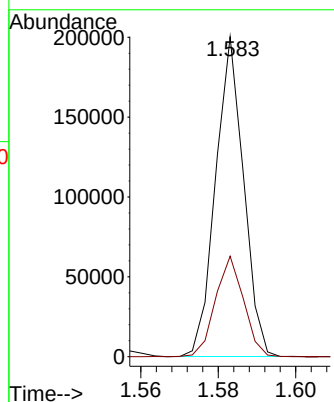
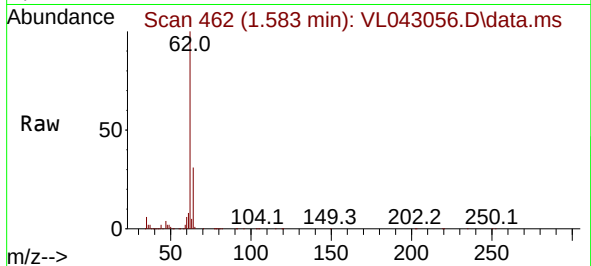




#5
 Vinyl Chloride
 Concen: 9.531 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.007 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

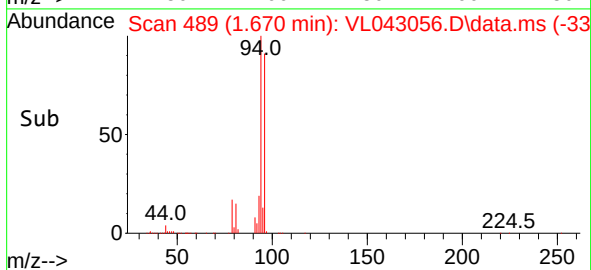
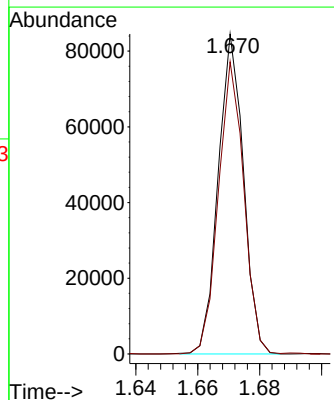
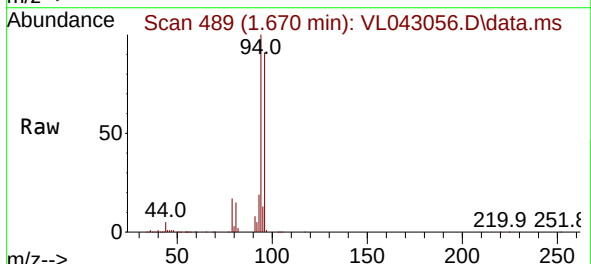
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1008ABS01

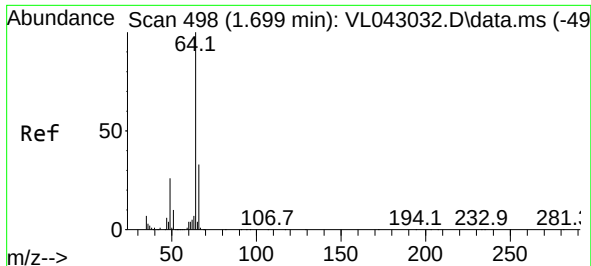
Tgt Ion: 62 Resp: 100664
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.2 39.2



#6
 Bromomethane
 Concen: 10.057 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.007 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Tgt Ion: 94 Resp: 47728
 Ion Ratio Lower Upper
 94 100
 96 91.2 77.6 116.4

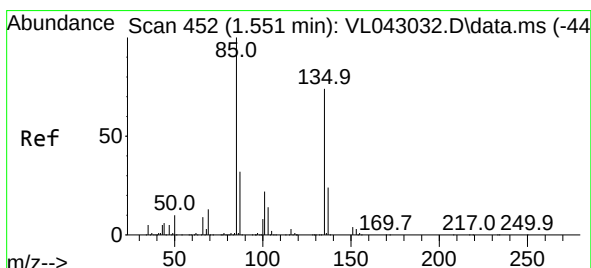
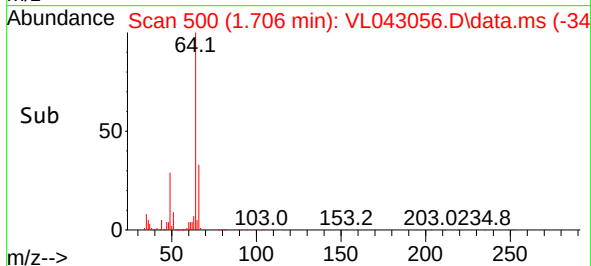
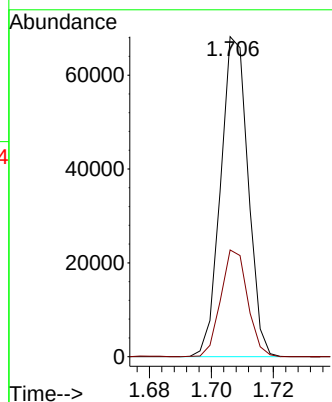
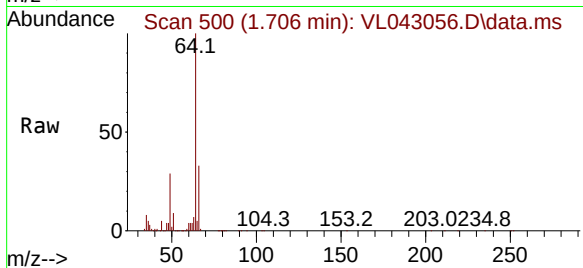




#7
Chloroethane
Concen: 9.524 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

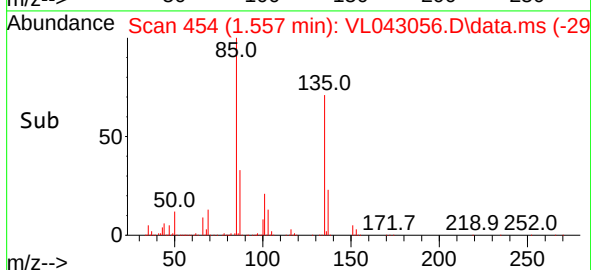
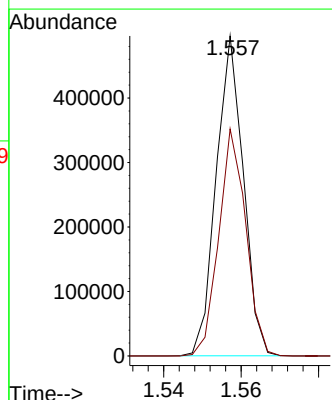
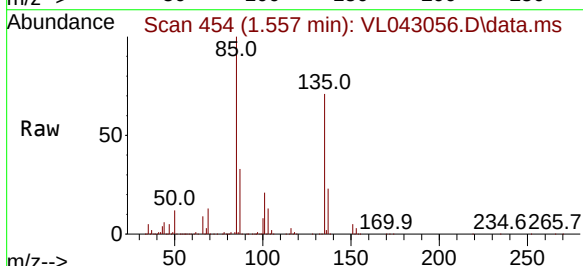
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

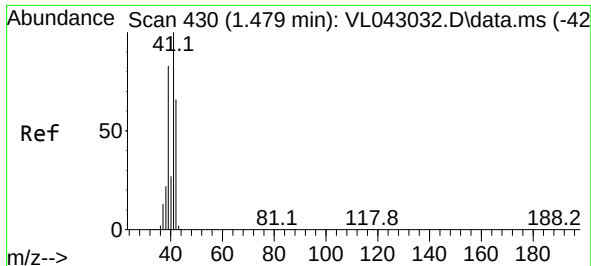
Tgt Ion: 64 Resp: 41972
Ion Ratio Lower Upper
64 100
66 33.3 26.6 39.8



#8
Dichlorotetrafluoroethane
Concen: 9.690 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 85 Resp: 241906
Ion Ratio Lower Upper
85 100
135 70.7 56.3 84.5





#9

Propene

Concen: 9.482 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

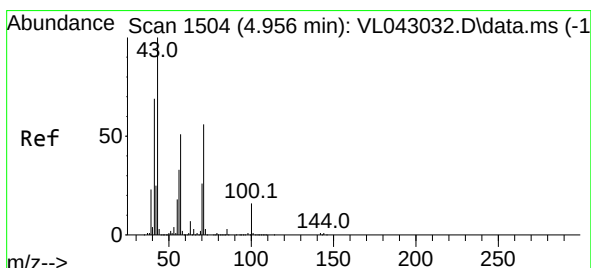
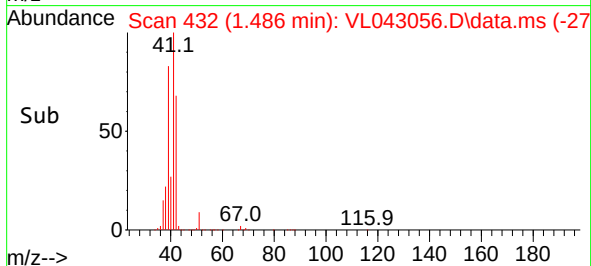
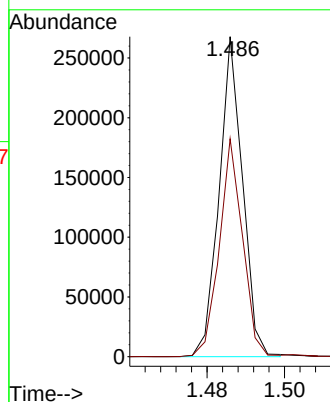
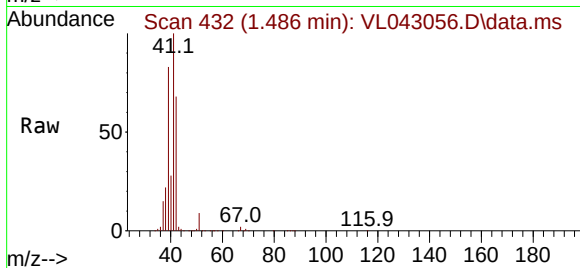
VL1008ABS01

Tgt Ion: 41 Resp: 112680

Ion Ratio Lower Upper

41 100

42 68.6 53.3 79.9



#10

Heptane

Concen: 10.961 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.032 min

Lab File: VL043056.D

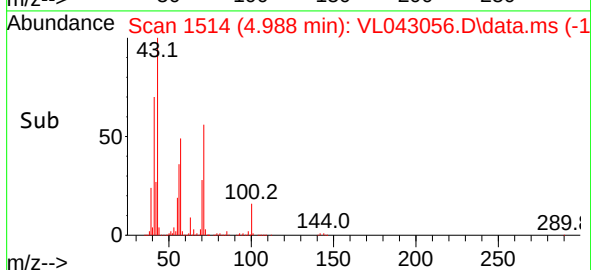
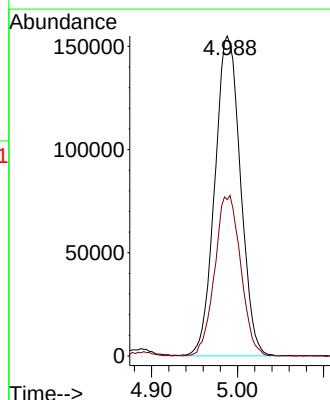
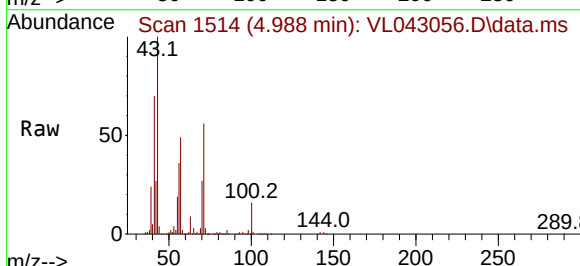
Acq: 08 Oct 2025 10:23

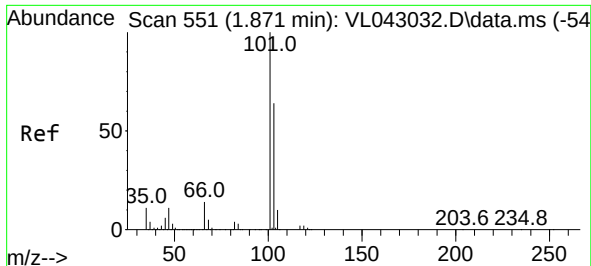
Tgt Ion: 43 Resp: 320232

Ion Ratio Lower Upper

43 100

57 51.0 40.3 60.5

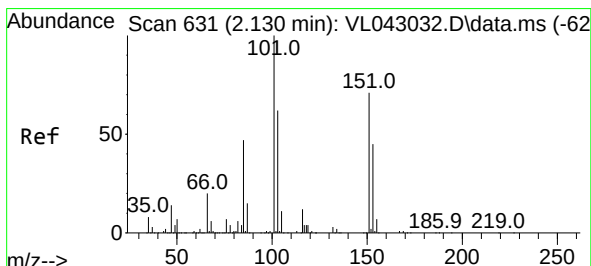
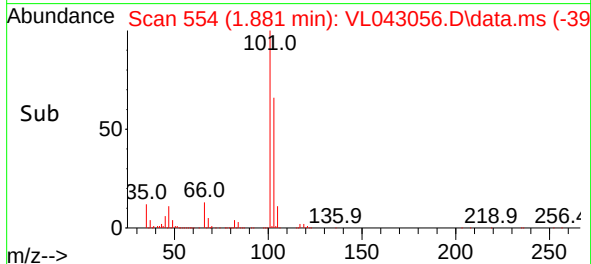
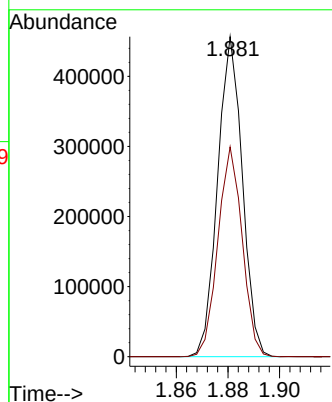
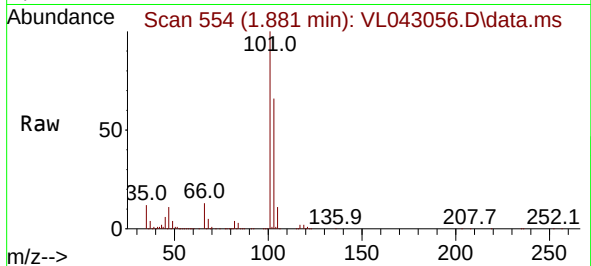




#11
 Trichlorofluoromethane
 Concen: 9.689 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. 0.010 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

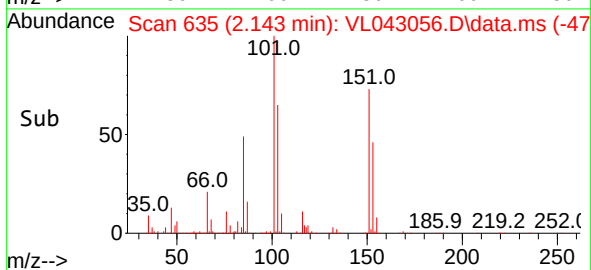
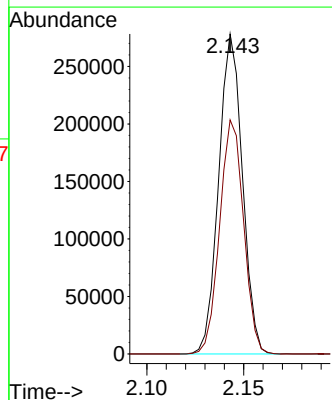
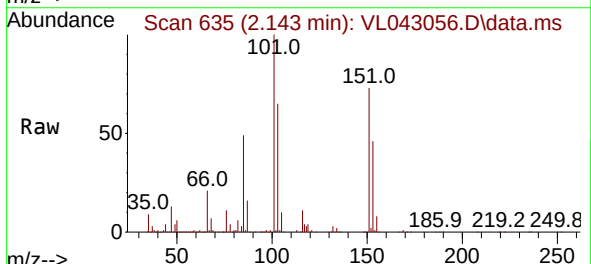
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

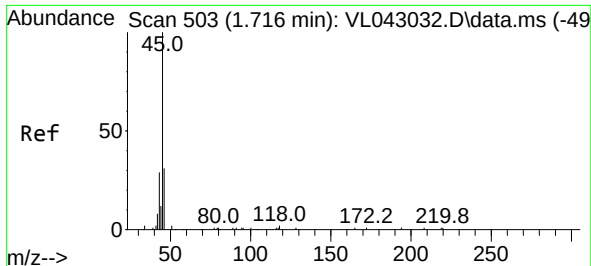
Tgt Ion:101 Resp: 303354
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.1 76.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.609 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.013 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Tgt Ion:101 Resp: 236959
 Ion Ratio Lower Upper
 101 100
 151 73.9 58.1 87.1

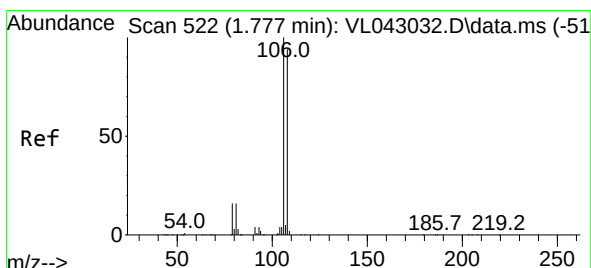
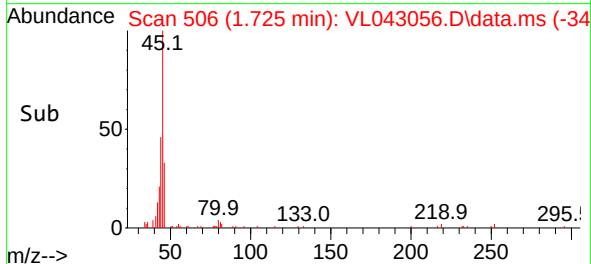
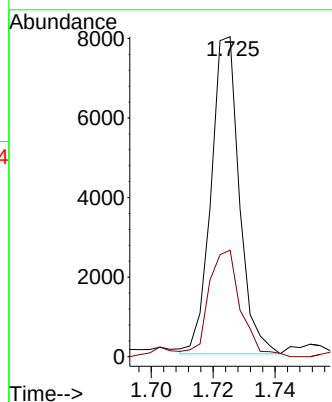
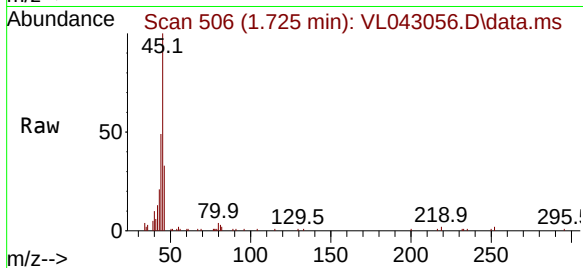




#13
Ethanol
Concen: 10.450 ppbv
RT: 1.725 min Scan# 503
Delta R.T. 0.009 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

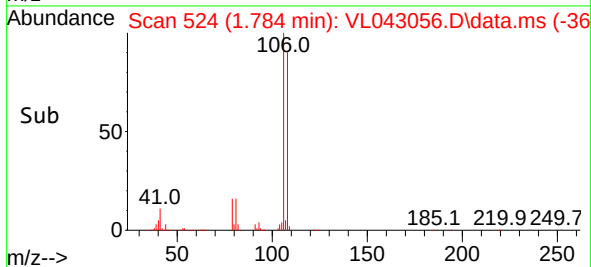
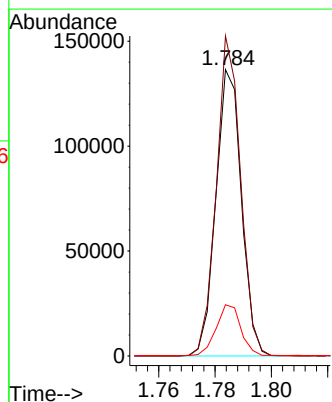
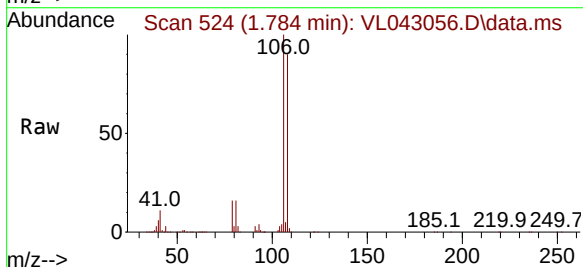
Instrument :
MSVOA_1
ClientSampleId :
VL1008ABS01

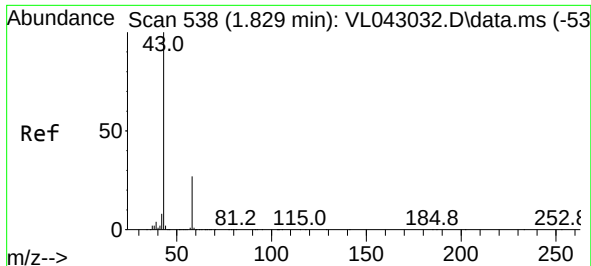
Tgt Ion: 45 Resp: 5047
Ion Ratio Lower Upper
45 100
46 41.7 17.8 71.4



#14
Bromoethene
Concen: 9.723 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 108 Resp: 85960
Ion Ratio Lower Upper
108 100
106 106.4 85.2 127.8
79 17.4 14.8 22.2

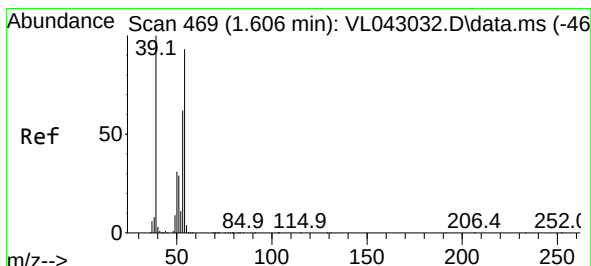
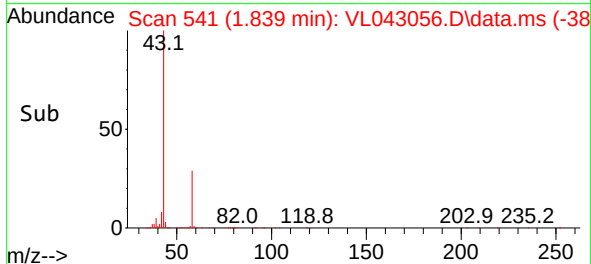
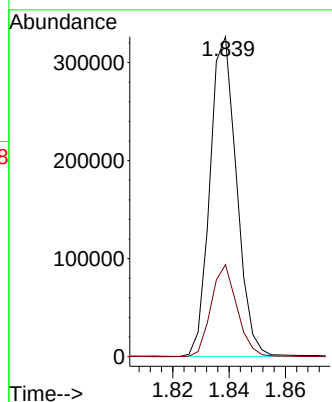
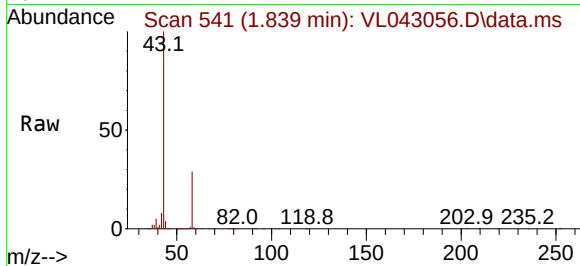




#15
Acetone
Concen: 8.471 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.010 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

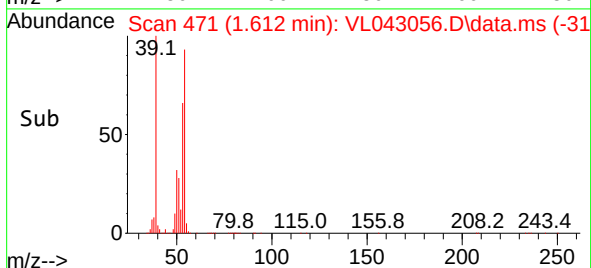
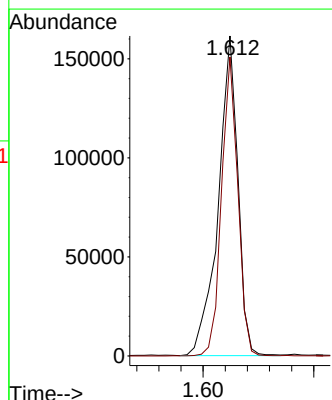
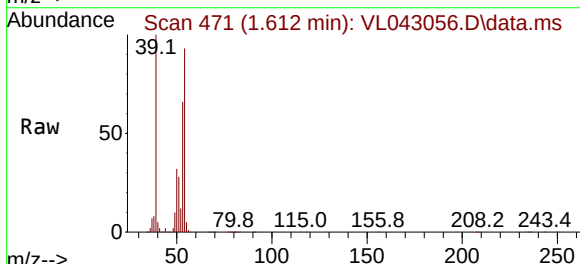
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

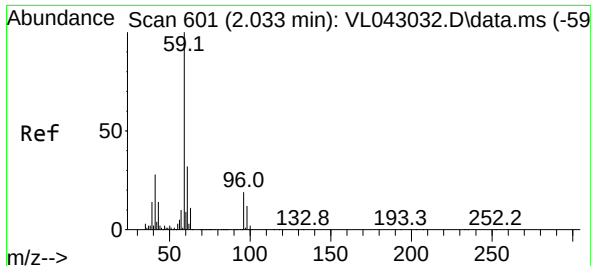
Tgt Ion: 43 Resp: 214418
Ion Ratio Lower Upper
43 100
58 28.2 22.2 33.4



#16
1,3-Butadiene
Concen: 9.542 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 39 Resp: 99577
Ion Ratio Lower Upper
39 100
54 77.9 61.4 92.2





#17

tert-Butyl alcohol

Concen: 9.627 ppbv

RT: 2.043 min Scan# 601

Delta R.T. 0.010 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

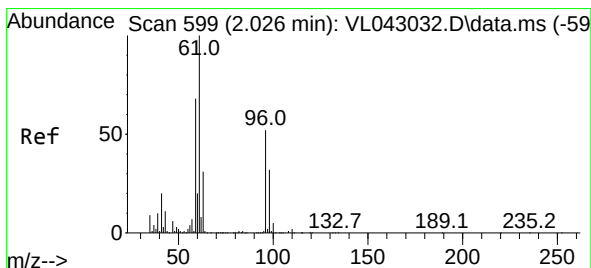
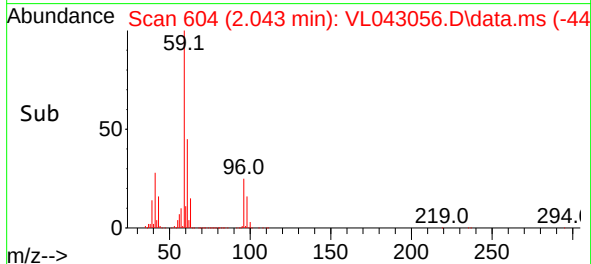
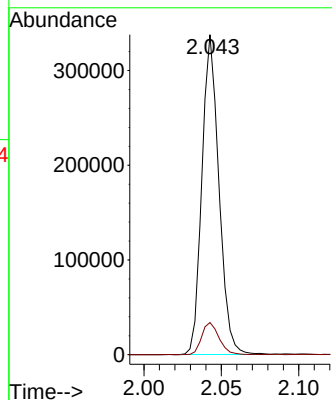
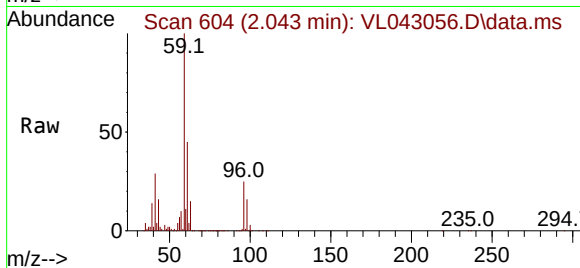
VL1008ABS01

Tgt Ion: 59 Resp: 257752

Ion Ratio Lower Upper

59 100

57 10.3 8.5 12.7



#18

1,1-Dichloroethene

Concen: 9.565 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.010 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

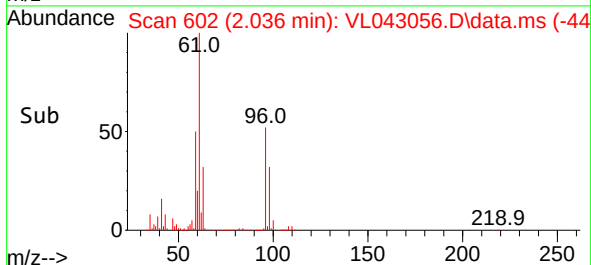
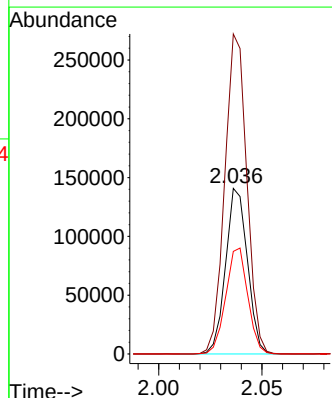
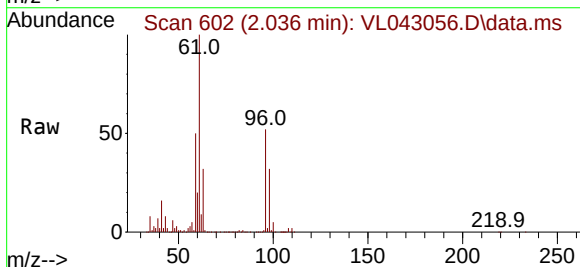
Tgt Ion: 96 Resp: 103392

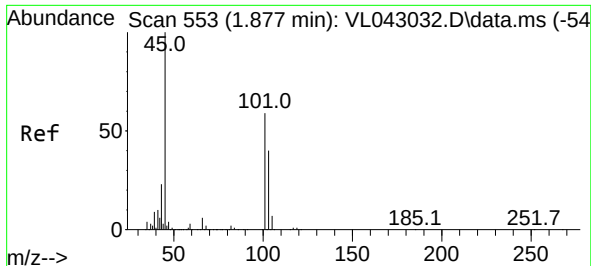
Ion Ratio Lower Upper

96 100

61 193.2 153.0 229.6

98 61.9 48.8 73.2

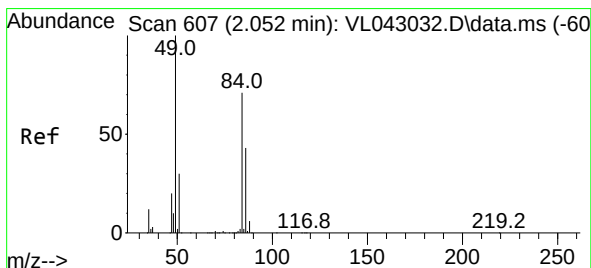
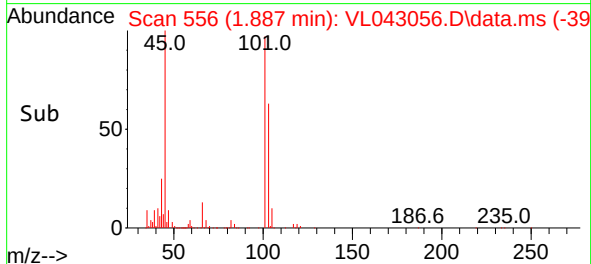
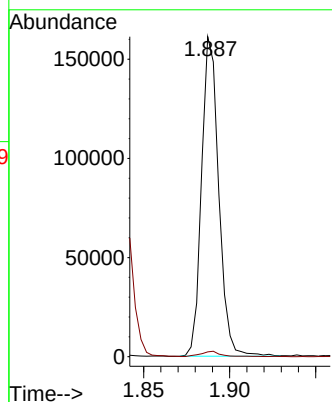
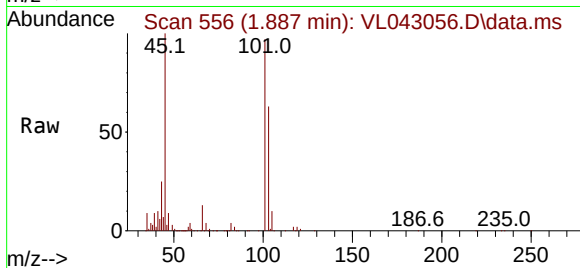




#19
Isopropyl Alcohol
Concen: 9.240 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

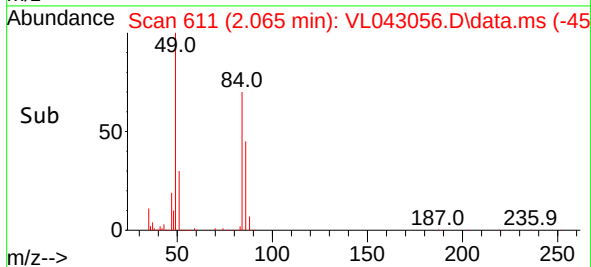
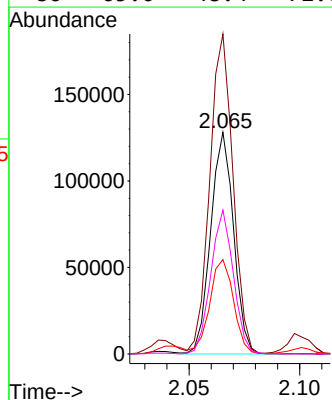
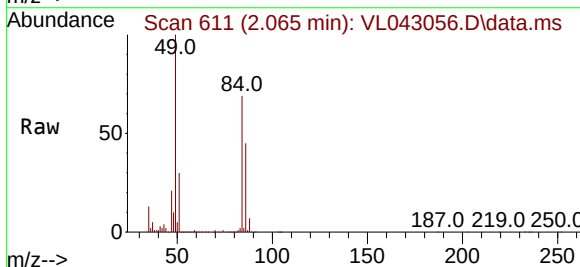
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

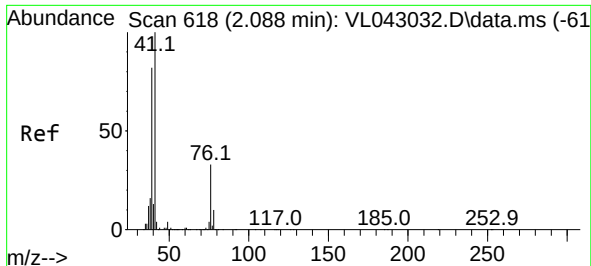
Tgt Ion: 45 Resp: 112050
Ion Ratio Lower Upper
45 100
58 54.0 42.3 63.5



#20
Methylene Chloride
Concen: 8.325 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.013 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 84 Resp: 91977
Ion Ratio Lower Upper
84 100
49 142.6 112.5 168.7
51 41.9 34.2 51.2
86 65.0 48.4 72.6

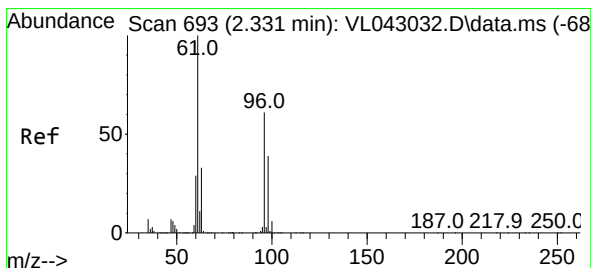
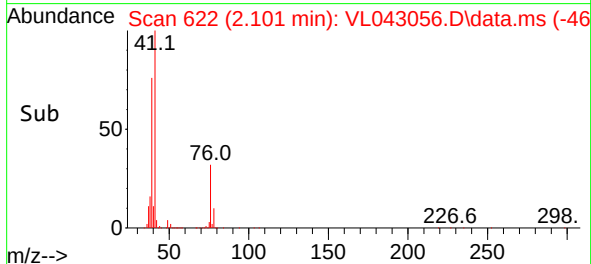
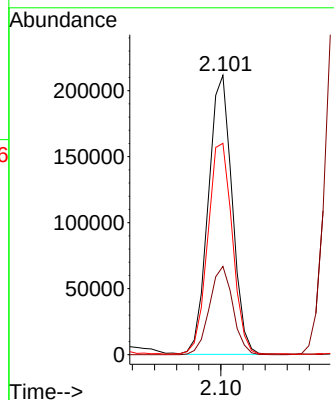
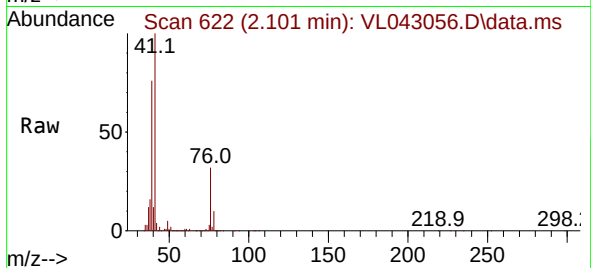




#21
 Allyl Chloride
 Concen: 9.743 ppbv
 RT: 2.101 min Scan# 618
 Delta R.T. 0.013 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

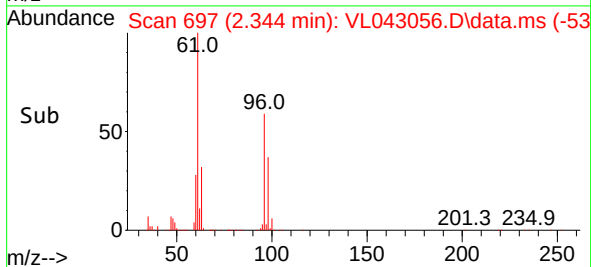
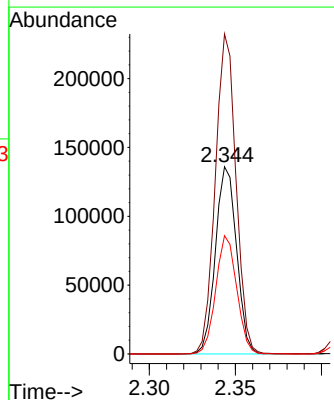
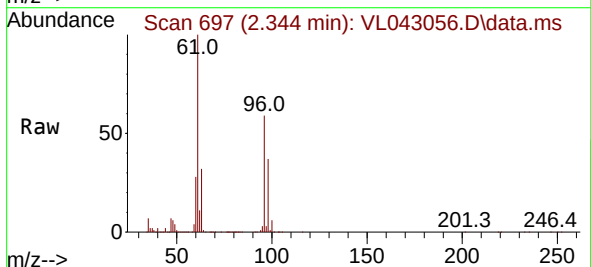
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

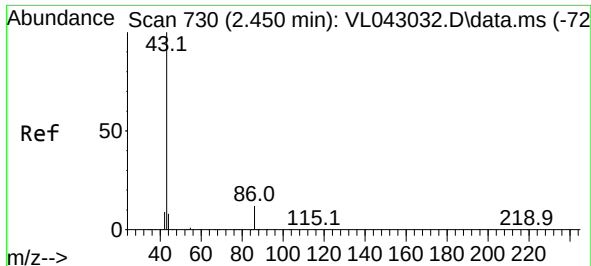
Tgt Ion: 41 Resp: 157994
 Ion Ratio Lower Upper
 41 100
 76 31.0 25.9 38.9
 39 78.0 63.0 94.4



#22
 trans-1,2-Dichloroethene
 Concen: 9.485 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.013 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Tgt Ion: 96 Resp: 116408
 Ion Ratio Lower Upper
 96 100
 61 170.9 131.9 197.9
 98 63.2 52.1 78.1

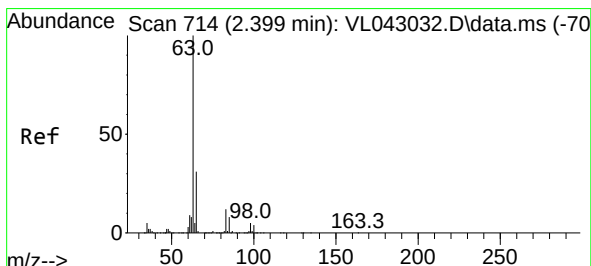
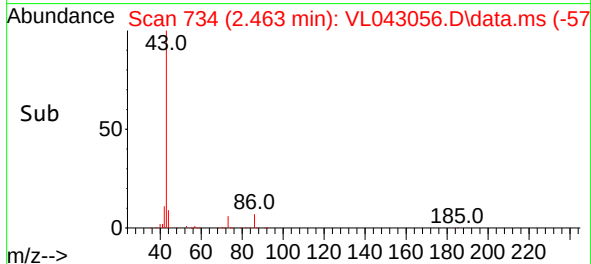
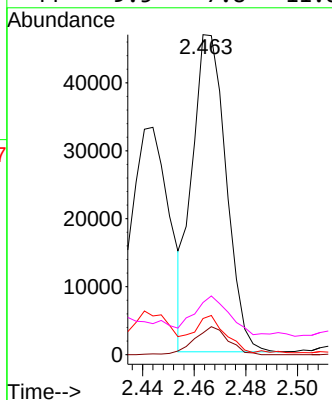
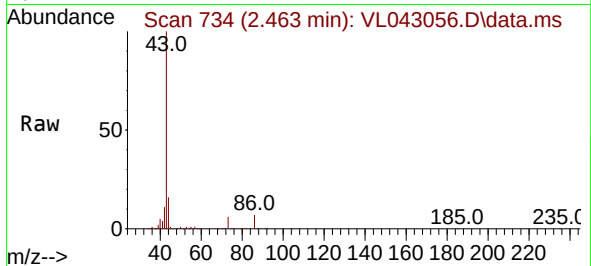




#23
 Vinyl Acetate
 Concen: 7.928 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. 0.013 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

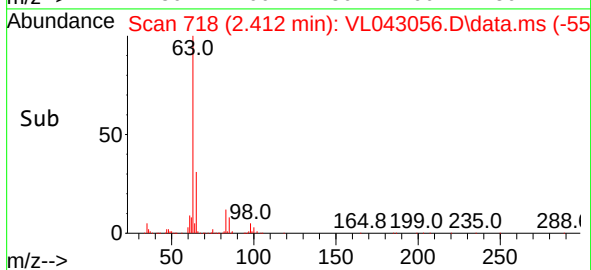
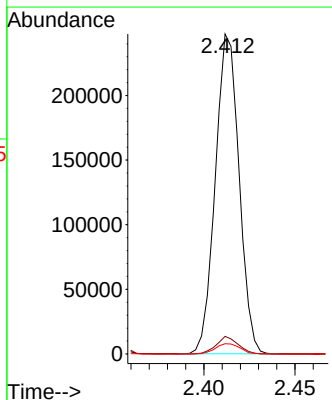
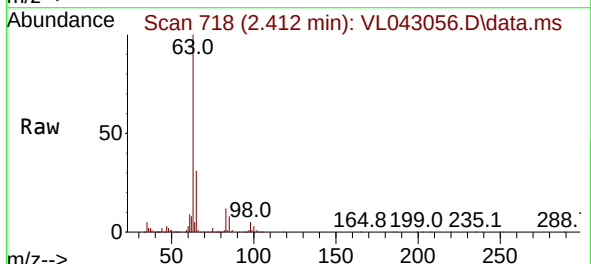
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1008ABS01

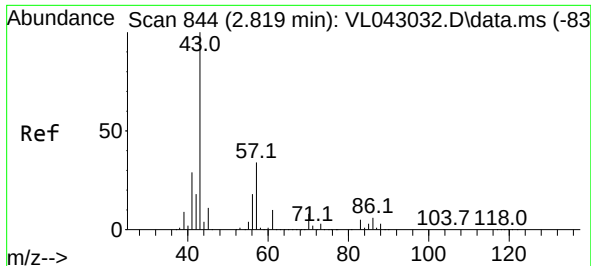
Tgt Ion:	43	Resp:	42601
Ion	Ratio	Lower	Upper
43	100		
86	6.9	7.5	11.3#
42	10.3	8.4	12.6
44	9.5	7.8	11.8



#24
 1,1-Dichloroethane
 Concen: 9.643 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.013 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Tgt Ion:	63	Resp:	224330
Ion	Ratio	Lower	Upper
63	100		
98	5.5	2.5	7.4
100	3.2	1.8	5.4



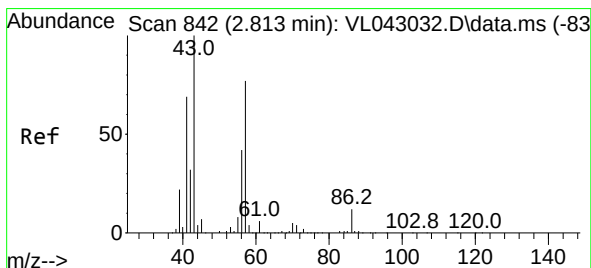
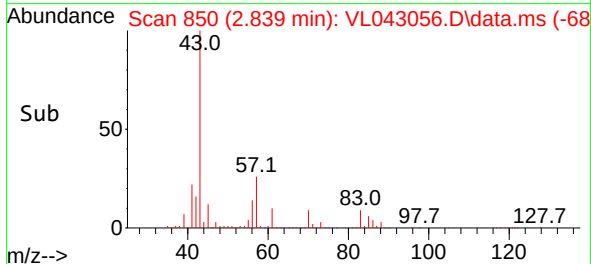
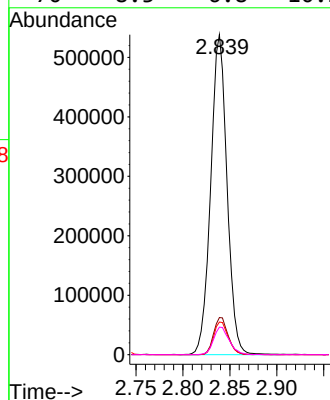
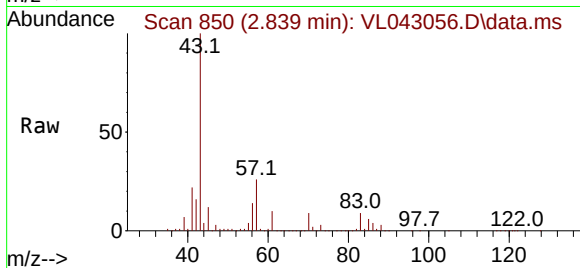


#25
Ethyl Acetate
Concen: 10.231 ppbv
RT: 2.839 min Scan# 81
Delta R.T. 0.020 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

Tgt Ion: 43 Resp: 649598

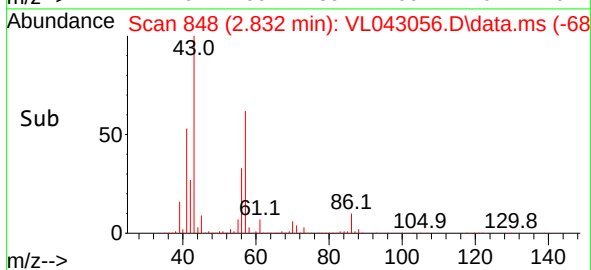
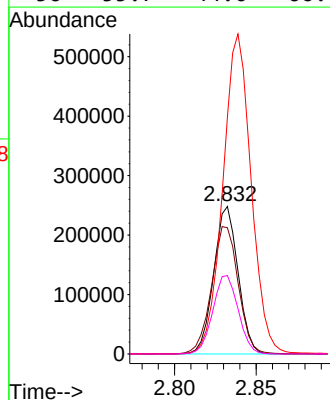
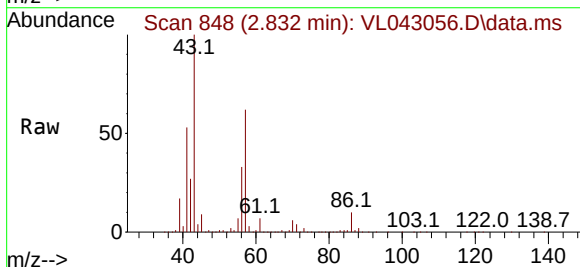
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.3	12.5
61	9.2	7.5	11.3
70	8.3	6.8	10.2

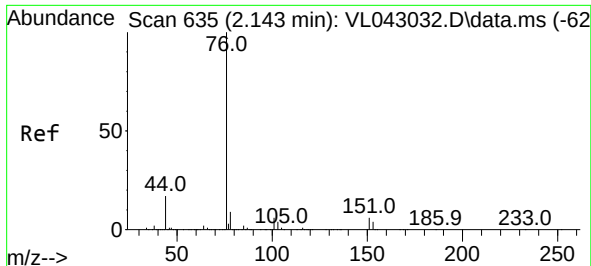


#26
Hexane
Concen: 10.524 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.019 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 57 Resp: 257052

Ion	Ratio	Lower	Upper
57	100		
41	95.3	76.1	114.1
43	253.1	201.4	302.0
56	55.7	44.0	66.0

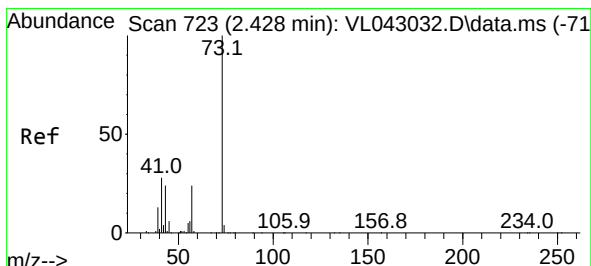
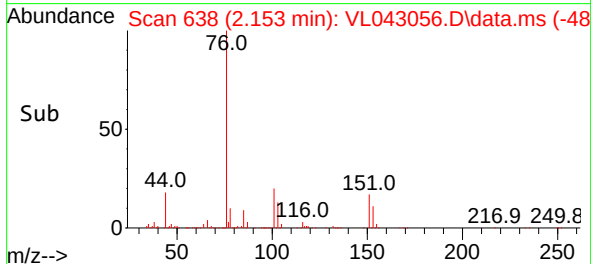
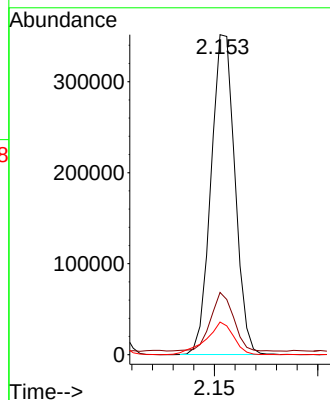
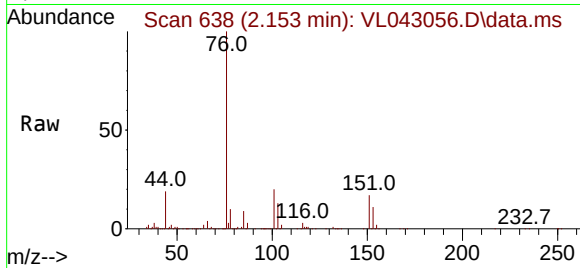




#27
Carbon Disulfide
Concen: 9.786 ppbv
RT: 2.153 min Scan# 611
Delta R.T. 0.010 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

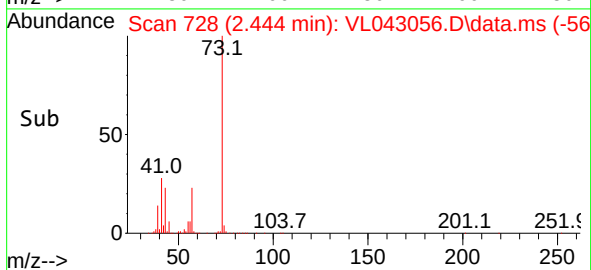
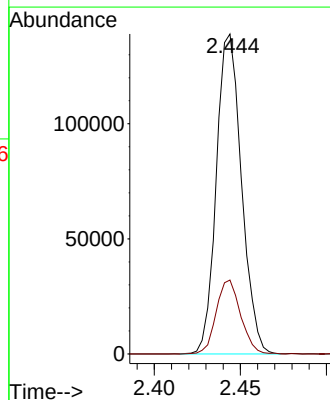
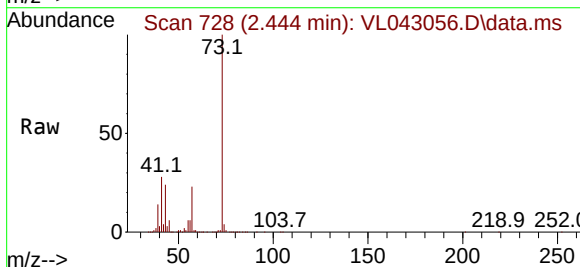
Instrument :
MSVOA_1
ClientSampleId :
VL1008ABS01

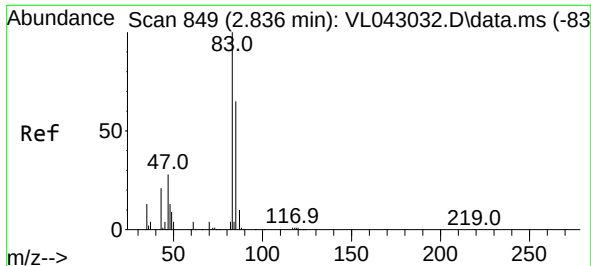
Tgt Ion: 76 Resp: 282182
Ion Ratio Lower Upper
76 100
44 18.2 14.0 21.0
78 11.8 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 9.254 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.016 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 73 Resp: 141448
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.8





#29

Chloroform

Concen: 9.674 ppbv

RT: 2.852 min Scan# 81

Delta R.T. 0.016 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

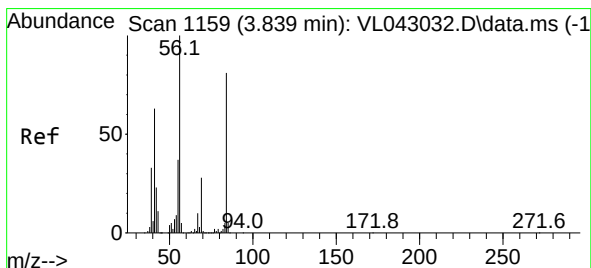
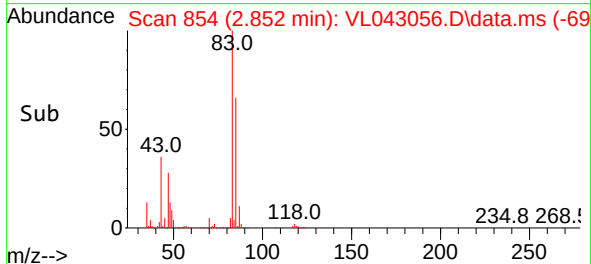
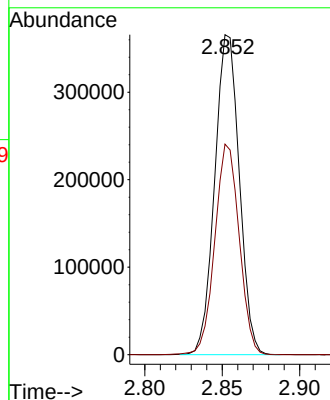
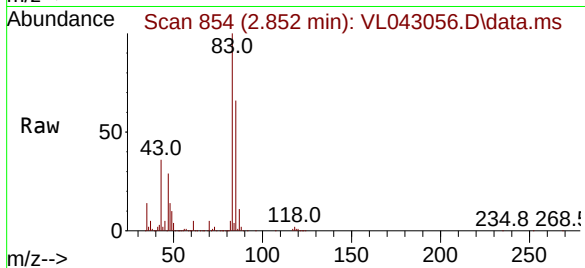
VL1008ABS01

Tgt Ion: 83 Resp: 402846

Ion Ratio Lower Upper

83 100

85 65.8 52.0 78.0



#30

Cyclohexane

Concen: 10.455 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.026 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

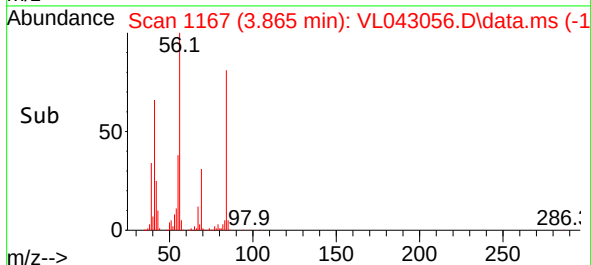
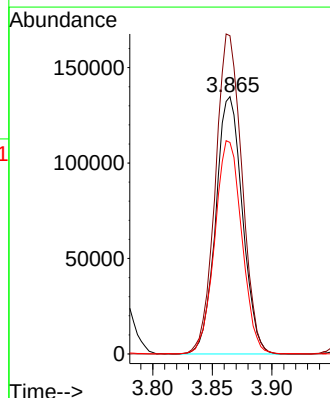
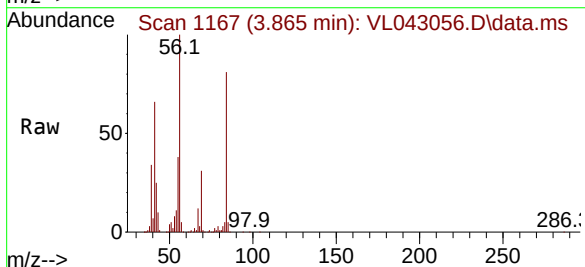
Tgt Ion: 84 Resp: 209844

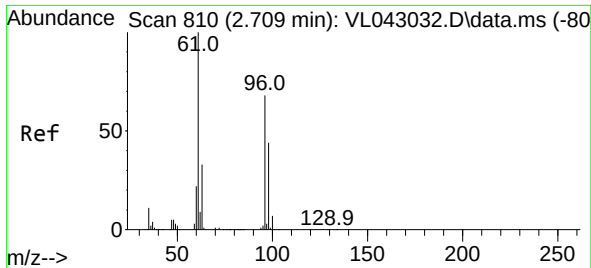
Ion Ratio Lower Upper

84 100

56 123.8 99.9 149.9

41 84.1 64.2 96.4

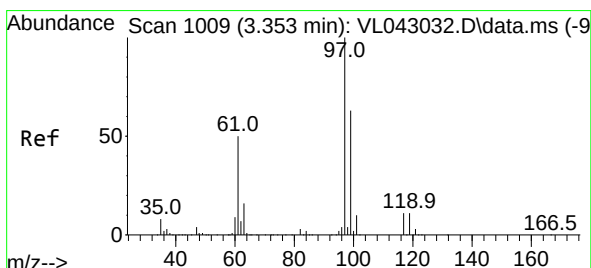
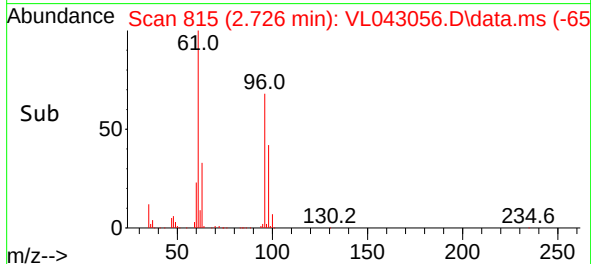
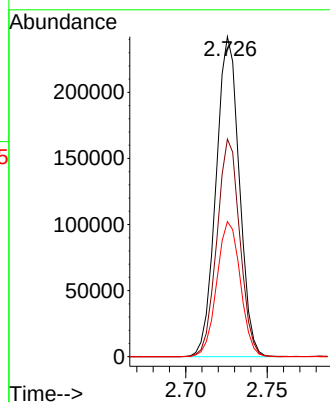
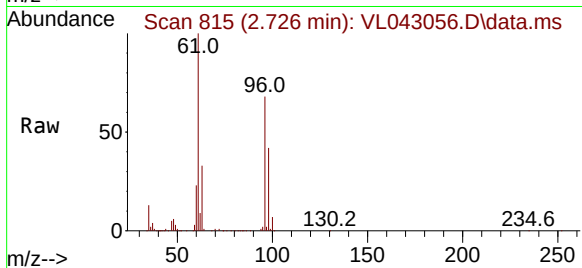




#31
 cis-1,2-Dichloroethene
 Concen: 9.560 ppbv
 RT: 2.726 min Scan# 810
 Delta R.T. 0.016 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

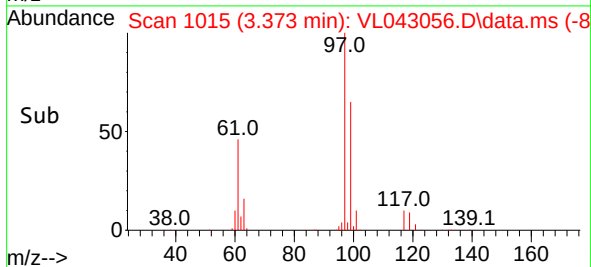
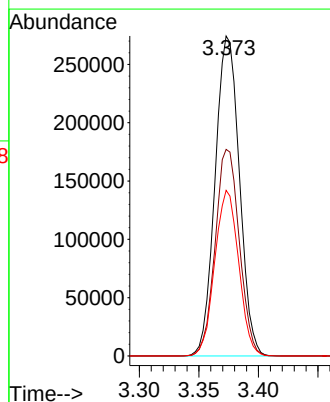
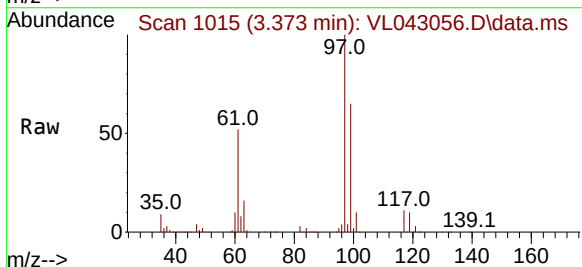
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

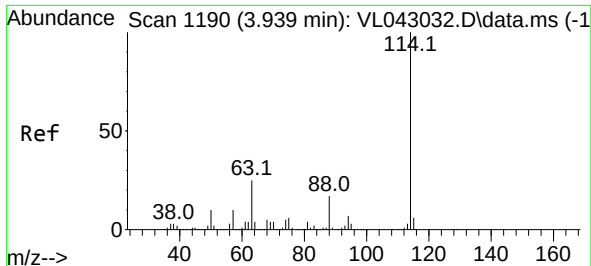
Tgt Ion: 61 Resp: 240044
 Ion Ratio Lower Upper
 61 100
 96 68.0 54.6 82.0
 98 42.2 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 9.602 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.019 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Tgt Ion: 97 Resp: 388607
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.2 76.8
 61 51.1 40.1 60.1

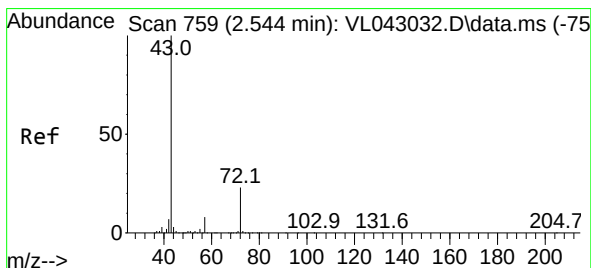
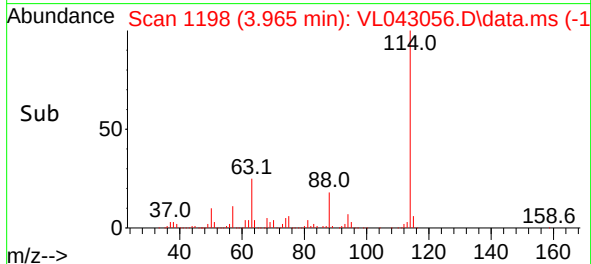
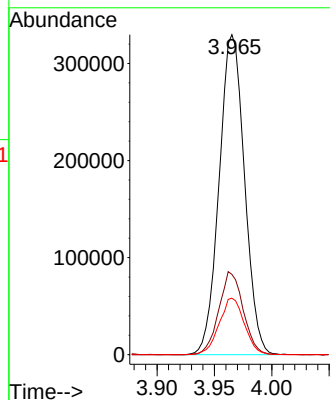
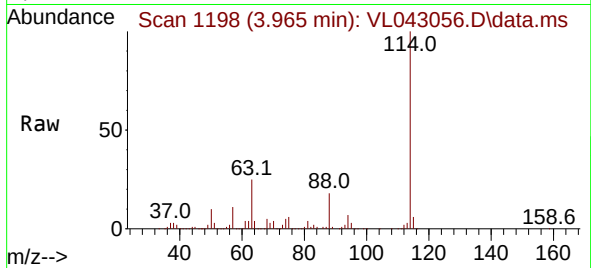




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.965 min Scan# 1190
 Delta R.T. 0.026 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

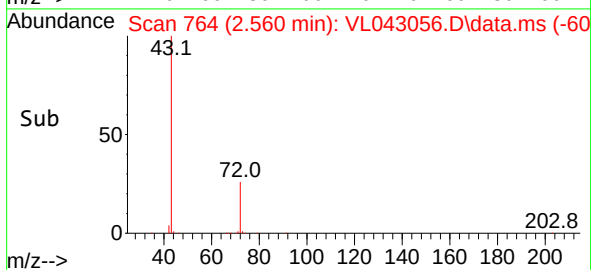
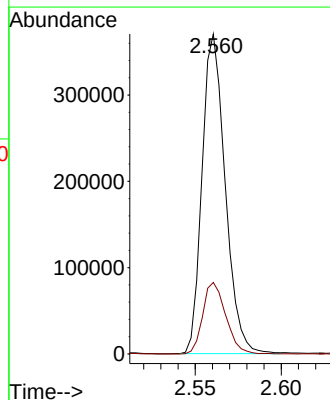
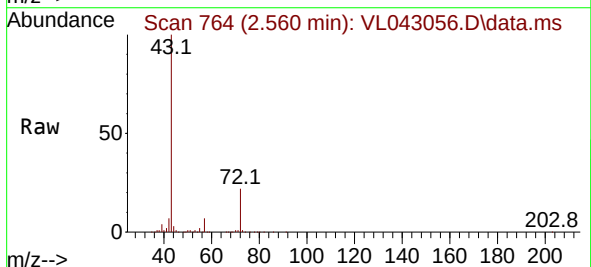
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

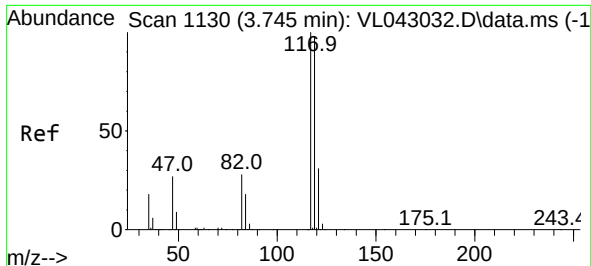
Tgt Ion:114 Resp: 507280
 Ion Ratio Lower Upper
 114 100
 63 24.9 19.4 29.2
 88 17.5 13.9 20.9



#34
 2-Butanone
 Concen: 10.064 ppbv
 RT: 2.560 min Scan# 764
 Delta R.T. 0.016 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Tgt Ion: 43 Resp: 346409
 Ion Ratio Lower Upper
 43 100
 72 22.4 18.4 27.6

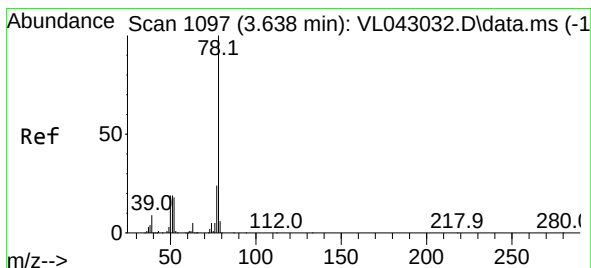
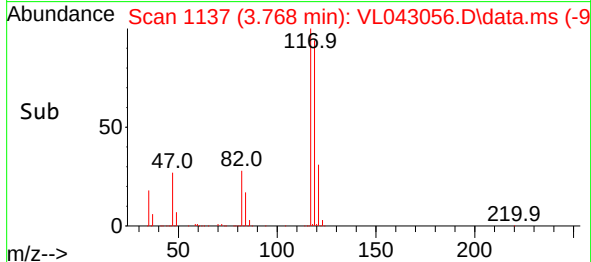
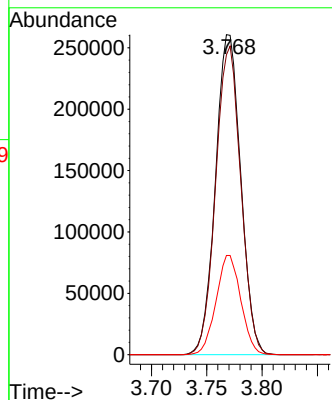
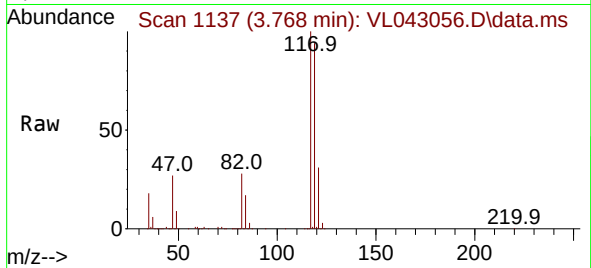




#35
Carbon Tetrachloride
Concen: 9.922 ppbv
RT: 3.768 min Scan# 1130
Delta R.T. 0.023 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

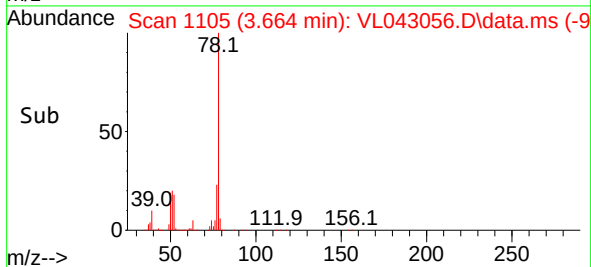
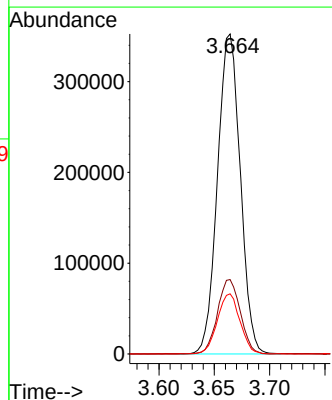
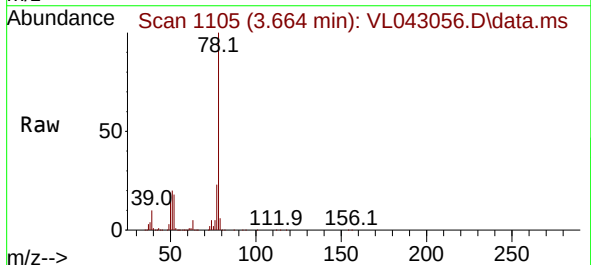
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

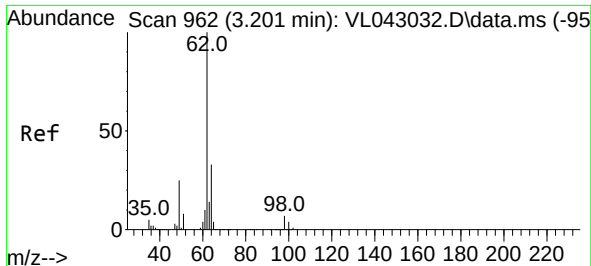
Tgt Ion:117 Resp: 414085
Ion Ratio Lower Upper
117 100
119 93.7 78.2 117.4
121 31.0 24.8 37.2



#36
Benzene
Concen: 10.433 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.026 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 78 Resp: 505655
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8
50 18.8 14.9 22.3





#37

1,2-Dichloroethane

Concen: 10.289 ppbv

RT: 3.224 min Scan# 9

Delta R.T. 0.023 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

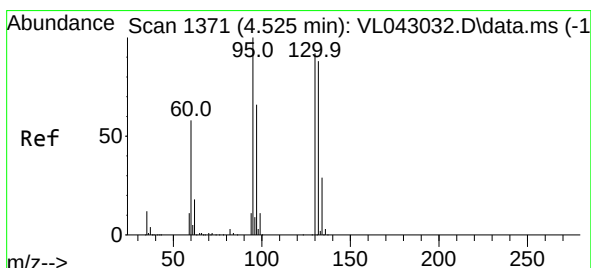
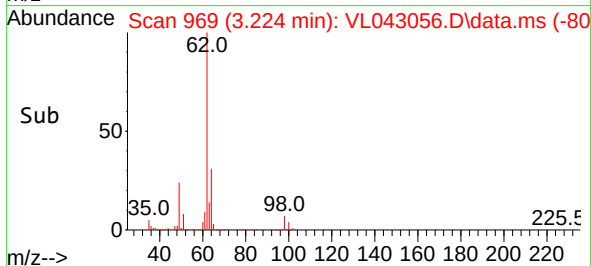
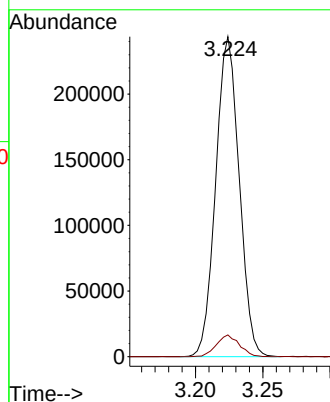
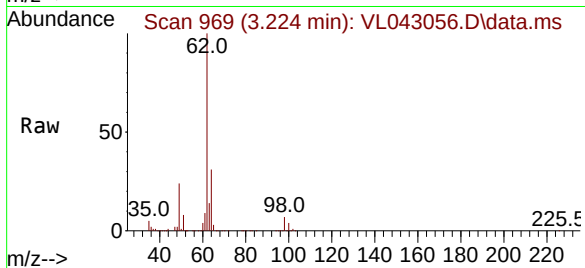
VL1008ABS01

Tgt Ion: 62 Resp: 295335

Ion Ratio Lower Upper

62 100

98 6.7 5.6 8.4



#38

Trichloroethene

Concen: 10.629 ppbv

RT: 4.558 min Scan# 1381

Delta R.T. 0.032 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Tgt Ion:130 Resp: 214599

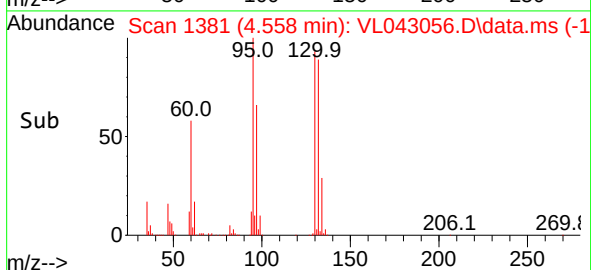
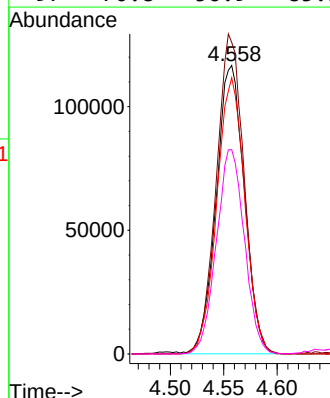
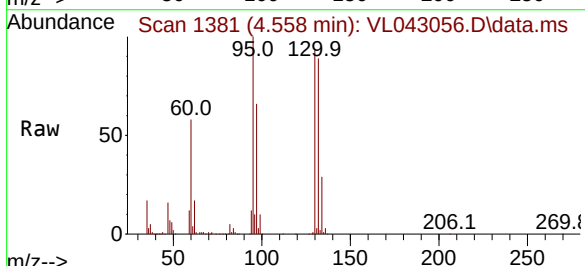
Ion Ratio Lower Upper

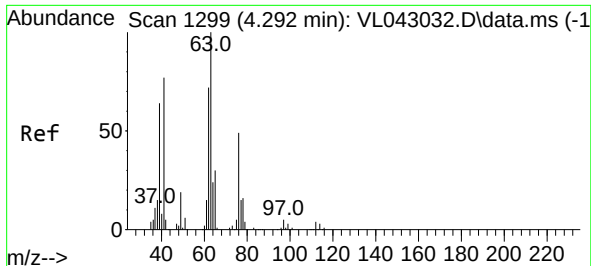
130 100

95 108.0 86.4 129.6

132 95.7 75.7 113.5

97 70.8 56.9 85.3





#39

1,2-Dichloropropane

Concen: 10.265 ppbv

RT: 4.321 min Scan# 11

Delta R.T. 0.029 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VL1008ABS01

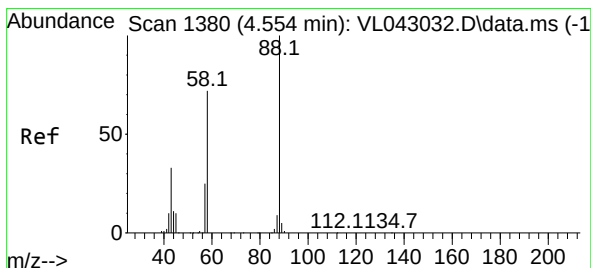
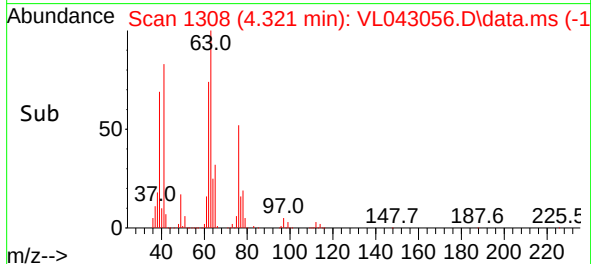
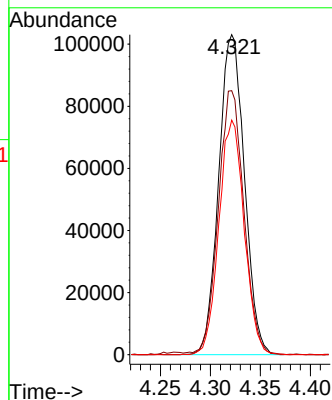
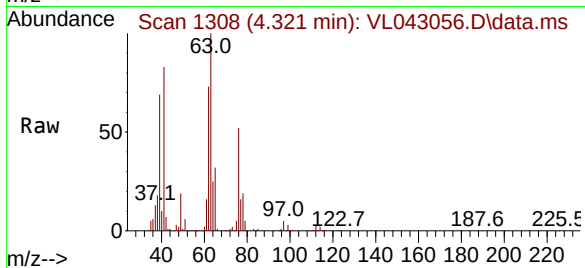
Tgt Ion: 63 Resp: 184414

Ion Ratio Lower Upper

63 100

41 82.4 61.6 92.4

62 73.3 58.1 87.1



#40

1,4-Dioxane

Concen: 10.469 ppbv

RT: 4.587 min Scan# 1390

Delta R.T. 0.032 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Tgt Ion: 88 Resp: 80666

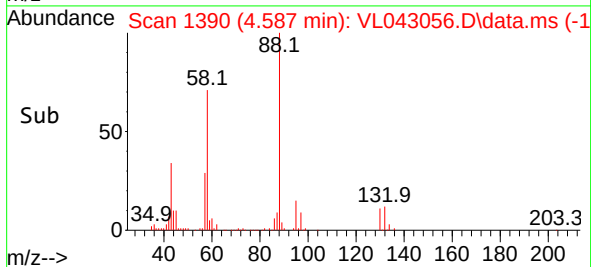
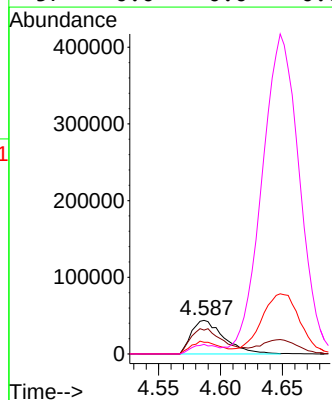
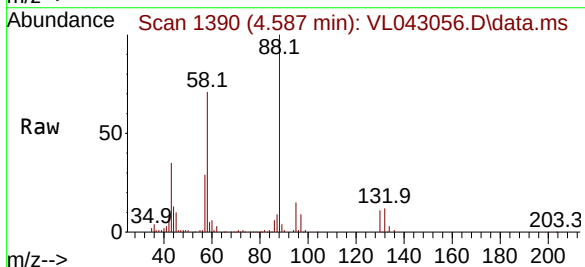
Ion Ratio Lower Upper

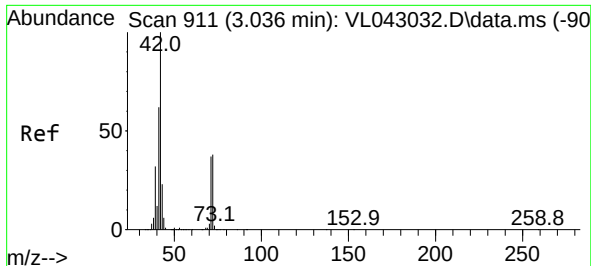
88 100

58 72.8 56.2 84.2

43 32.1 25.7 38.5

57 0.0 0.0 0.0

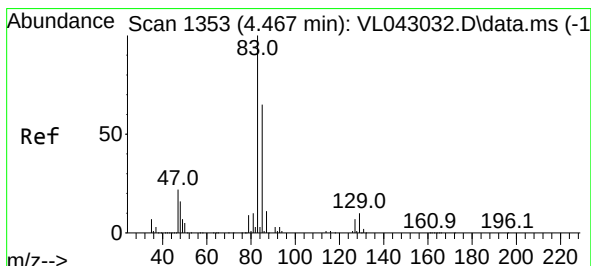
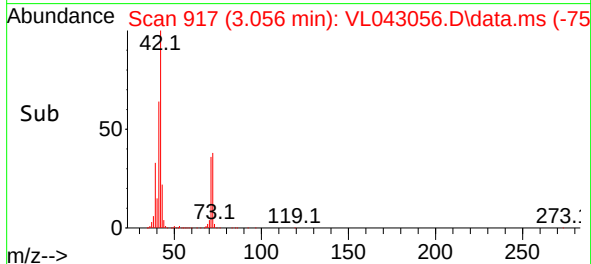
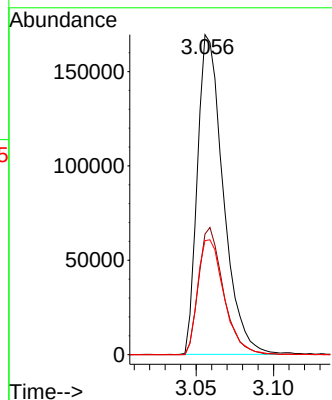
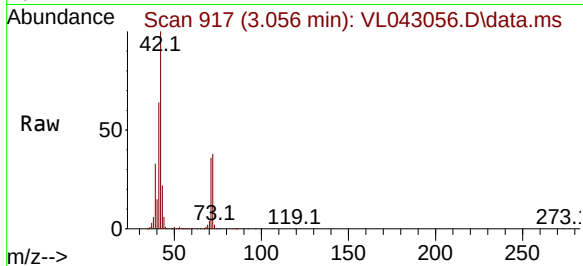




#41
Tetrahydrofuran
Concen: 11.038 ppbv
RT: 3.056 min Scan# 911
Delta R.T. 0.019 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

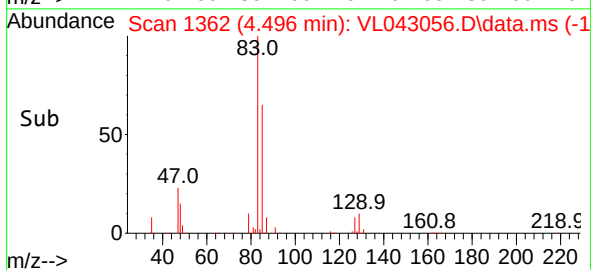
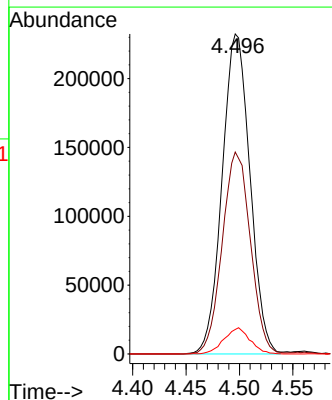
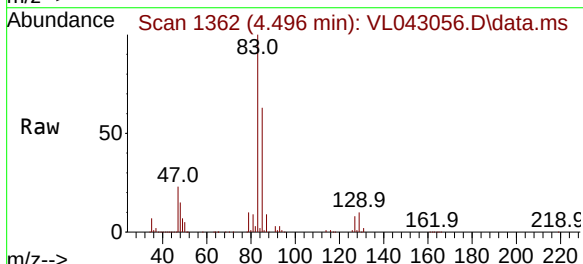
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

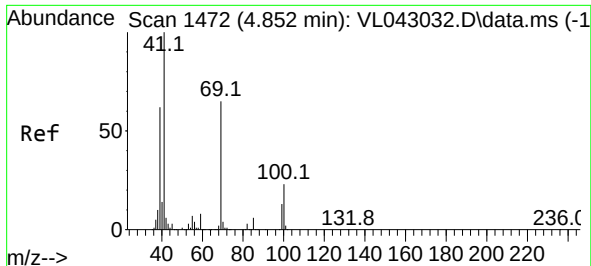
Tgt Ion:	42	Resp:	196371
Ion	Ratio	Lower	Upper
42	100		
72	38.3	31.0	46.6
71	36.9	29.8	44.6



#42
Bromodichloromethane
Concen: 10.407 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.029 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion:	83	Resp:	421840
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.8
127	7.7	5.9	8.9

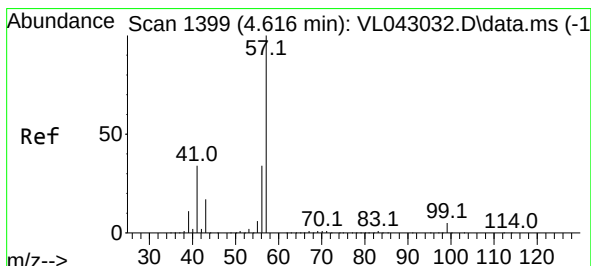
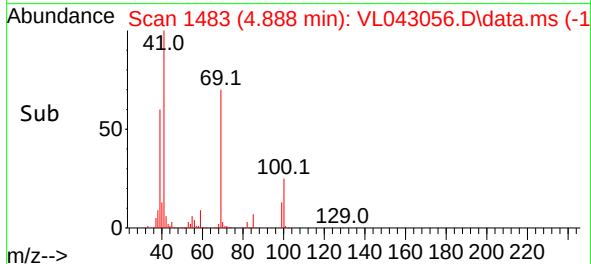
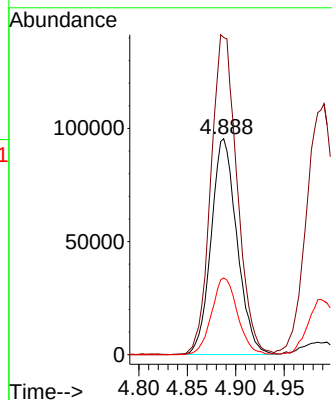
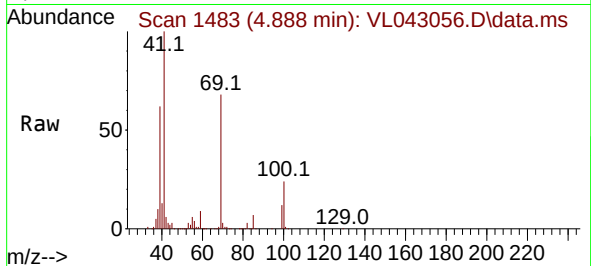




#43
Methyl Methacrylate
Concen: 11.020 ppbv
RT: 4.888 min Scan# 1472
Delta R.T. 0.036 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

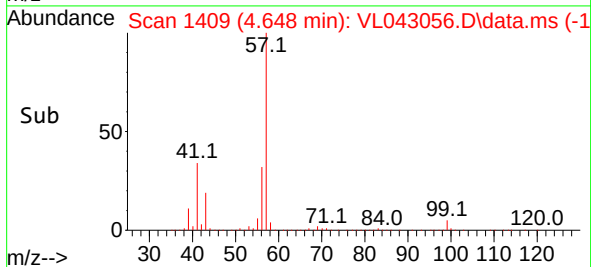
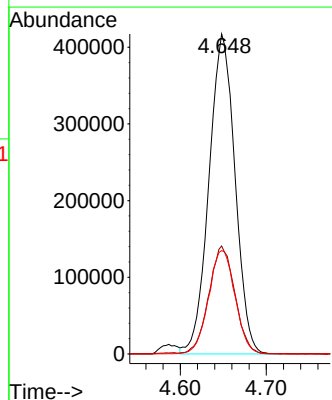
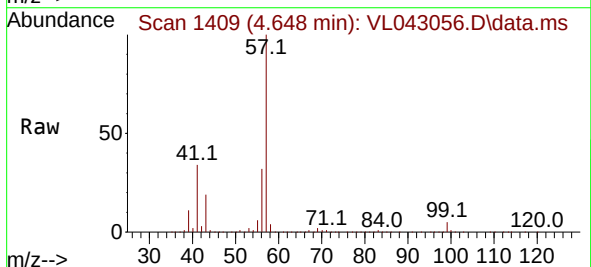
Instrument :
MSVOA_1
ClientSampleId :
VL1008ABS01

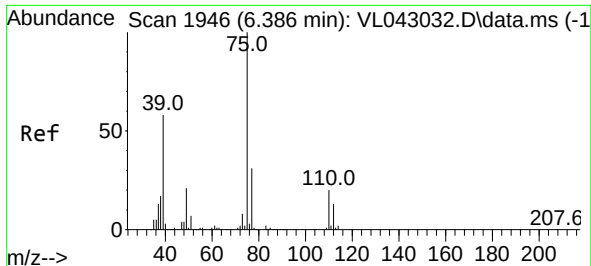
Tgt Ion: 69 Resp: 177306
Ion Ratio Lower Upper
69 100
41 150.0 118.0 177.0
100 35.7 28.3 42.5



#44
2,2,4-Trimethylpentane
Concen: 11.275 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.032 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 57 Resp: 876882
Ion Ratio Lower Upper
57 100
41 34.3 27.0 40.4
56 33.0 26.0 39.0

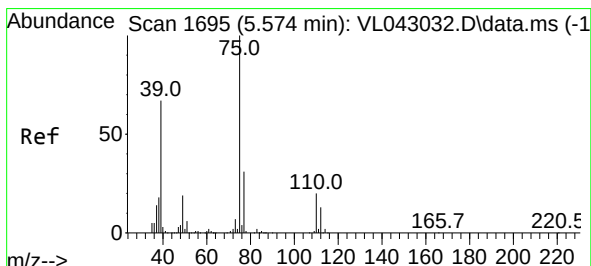
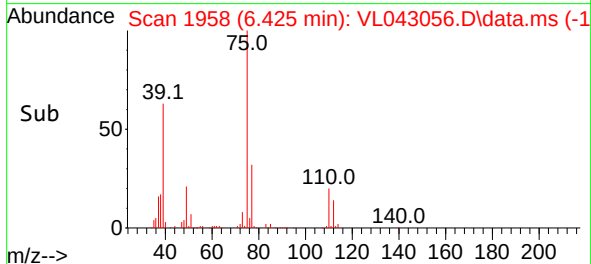
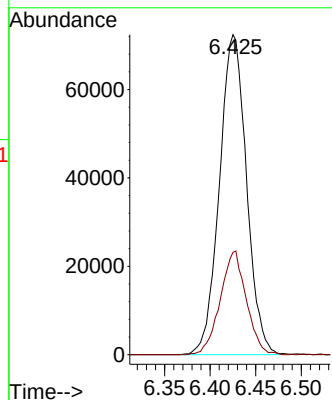
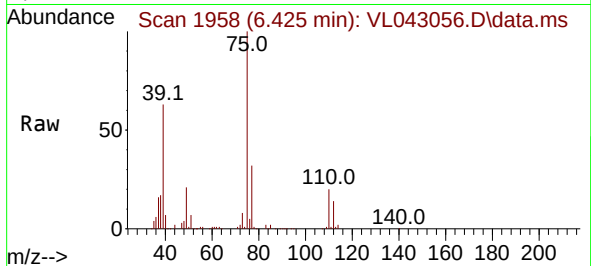




#45
 t-1,3-Dichloropropene
 Concen: 10.165 ppbv
 RT: 6.425 min Scan# 11
 Delta R.T. 0.039 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

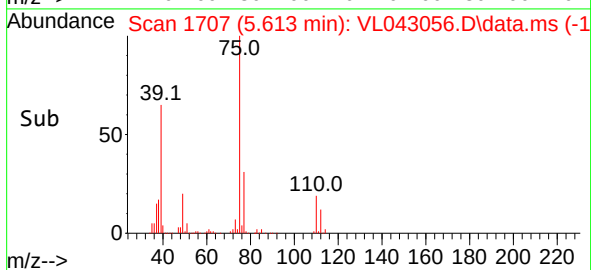
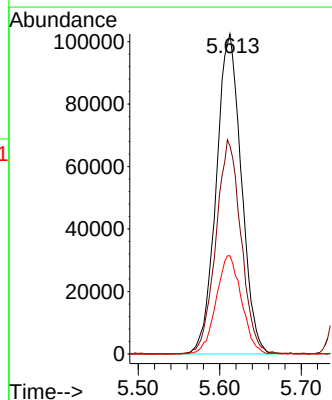
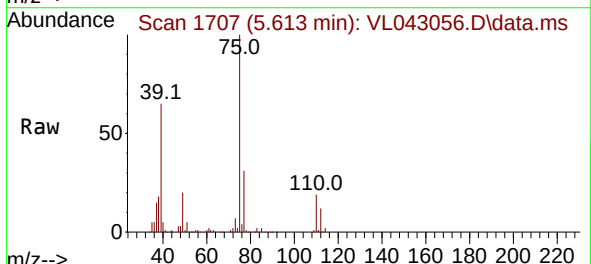
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

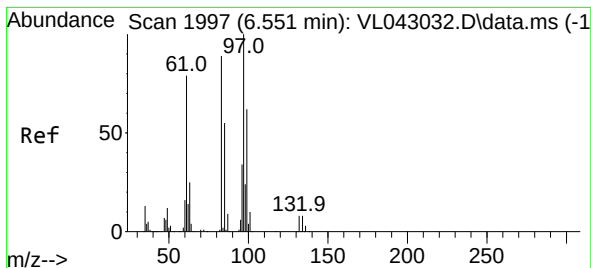
Tgt Ion: 75 Resp: 149657
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.7 37.1



#46
 cis-1,3-Dichloropropene
 Concen: 10.576 ppbv
 RT: 5.613 min Scan# 1707
 Delta R.T. 0.039 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Tgt Ion: 75 Resp: 219390
 Ion Ratio Lower Upper
 75 100
 39 64.8 53.4 80.0
 77 30.7 25.0 37.4





#47

1,1,2-Trichloroethane

Concen: 10.143 ppbv

RT: 6.593 min Scan# 2010

Delta R.T. 0.042 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VL1008ABS01

Tgt Ion: 97 Resp: 202692

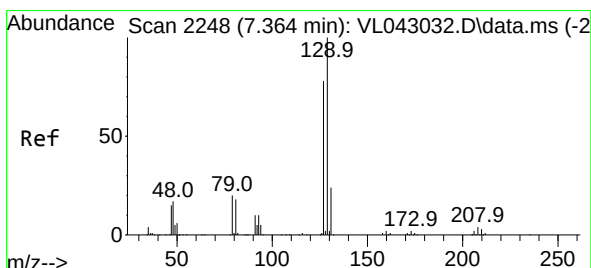
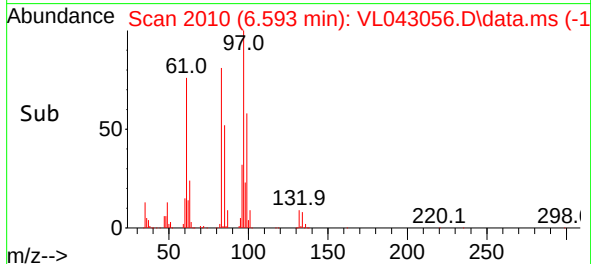
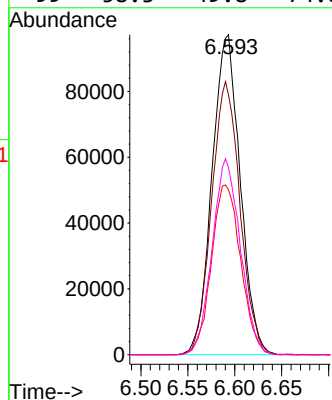
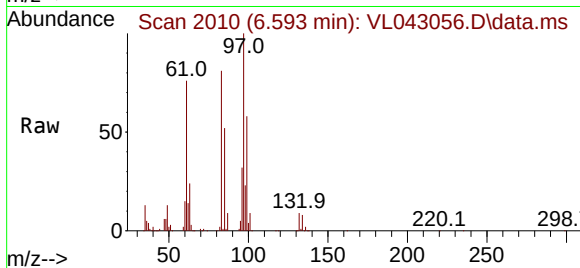
Ion Ratio Lower Upper

97 100

83 81.0 71.1 106.7

85 51.6 44.3 66.5

99 58.3 49.8 74.8



#48

Dibromochloromethane

Concen: 10.279 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. 0.032 min

Lab File: VL043056.D

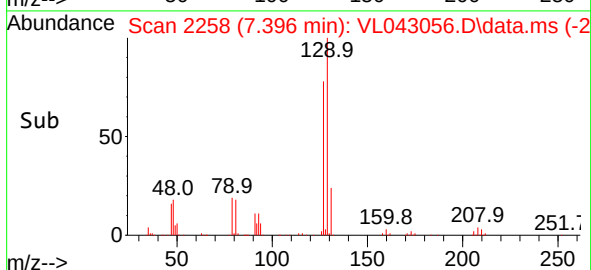
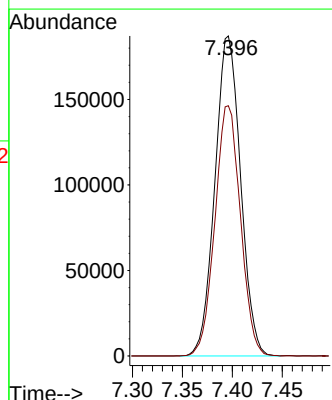
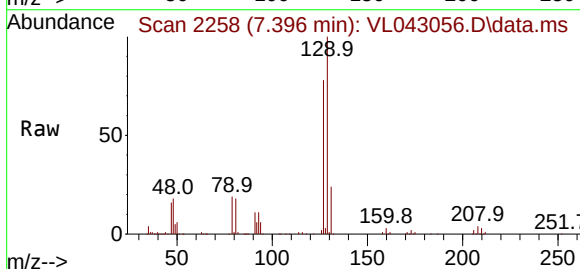
Acq: 08 Oct 2025 10:23

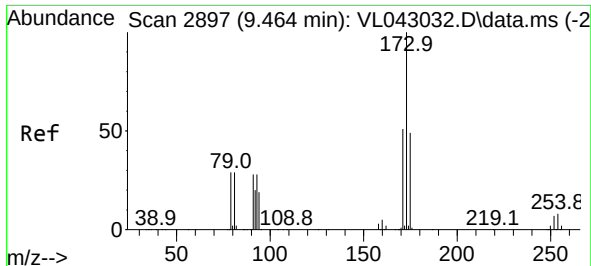
Tgt Ion: 129 Resp: 335227

Ion Ratio Lower Upper

129 100

127 77.7 38.6 116.0

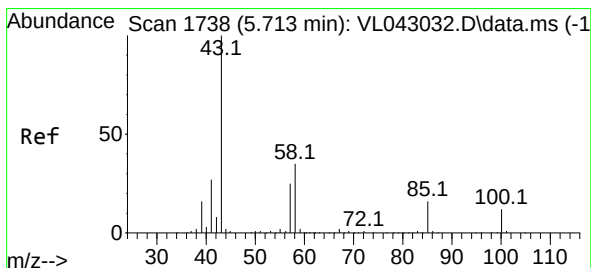
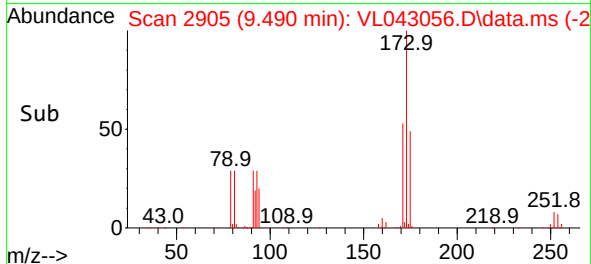
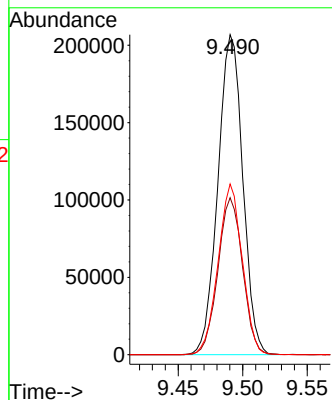
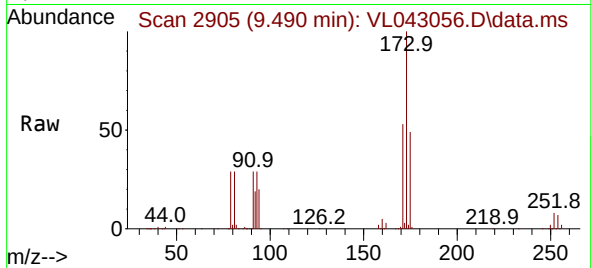




#49
Bromoform
Concen: 10.177 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. 0.026 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

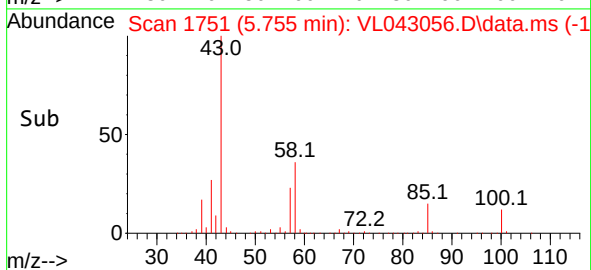
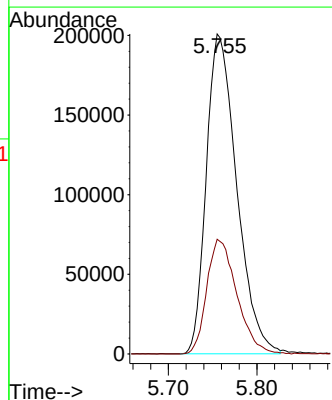
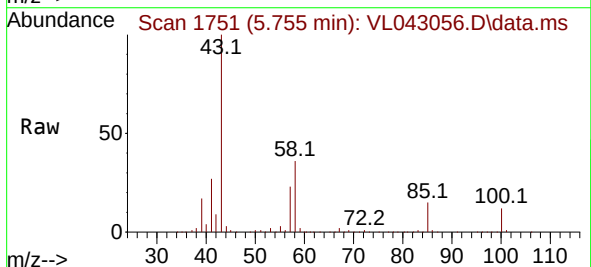
Instrument :
MSVOA_1
ClientSampleId :
VL1008ABS01

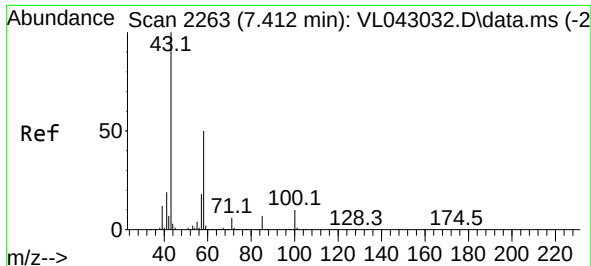
Tgt Ion:173 Resp: 277184
Ion Ratio Lower Upper
173 100
175 48.6 39.1 58.7
171 51.7 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 11.422 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. 0.042 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 43 Resp: 479434
Ion Ratio Lower Upper
43 100
58 35.4 28.7 43.1

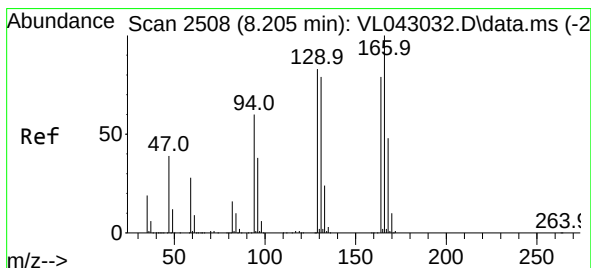
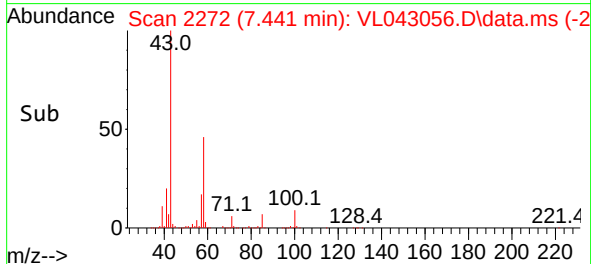
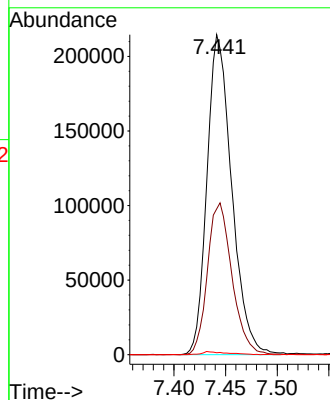
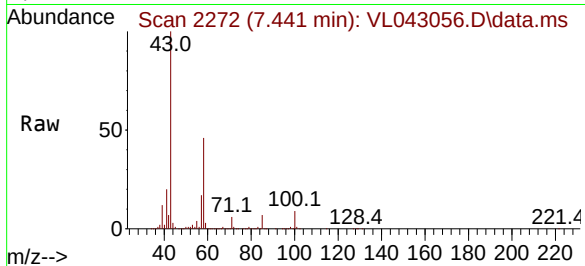




#51
2-Hexanone
Concen: 11.961 ppbv
RT: 7.441 min Scan# 2117
Delta R.T. 0.029 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

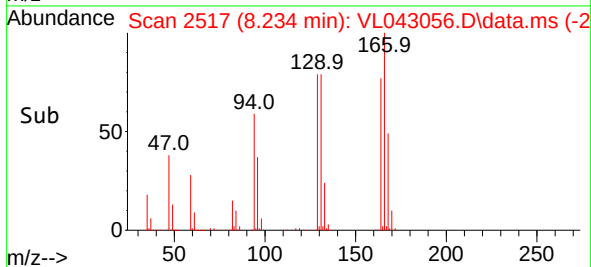
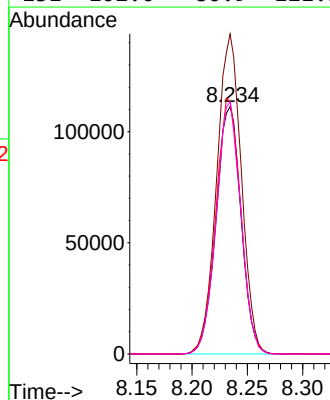
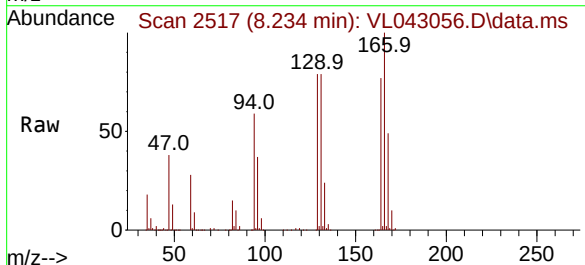
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

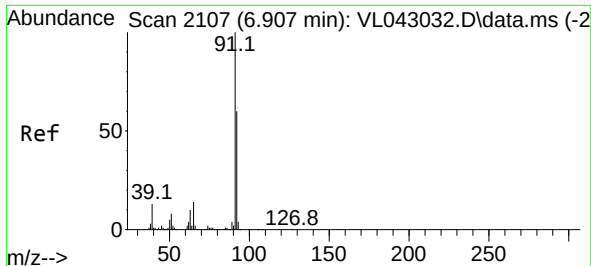
Tgt Ion: 43 Resp: 357341
Ion Ratio Lower Upper
43 100
58 47.1 39.1 58.7
98 1.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 9.742 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.029 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 164 Resp: 174823
Ion Ratio Lower Upper
164 100
166 129.3 101.8 152.8
129 102.1 84.5 126.7
131 102.0 80.9 121.3

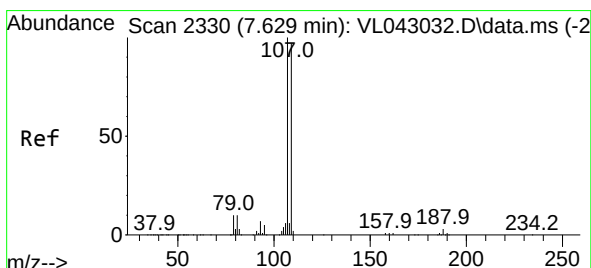
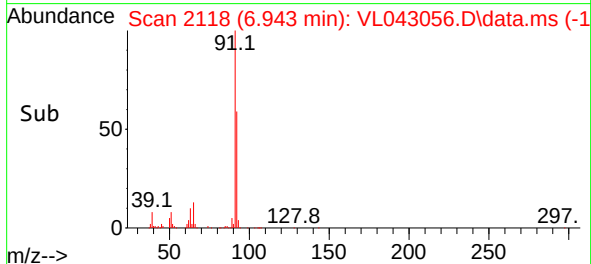
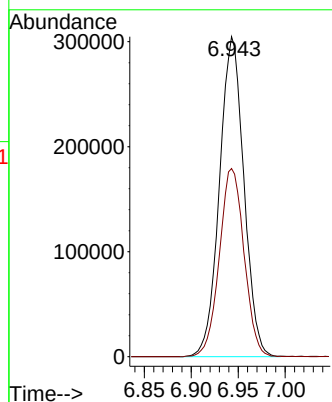
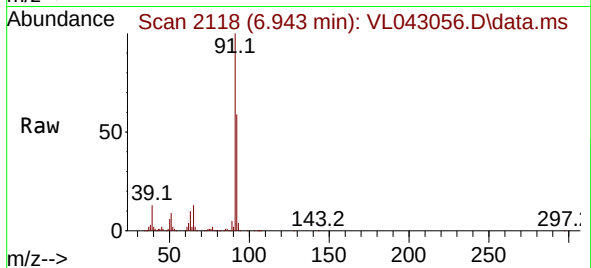




#53
Toluene
Concen: 11.253 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. 0.036 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

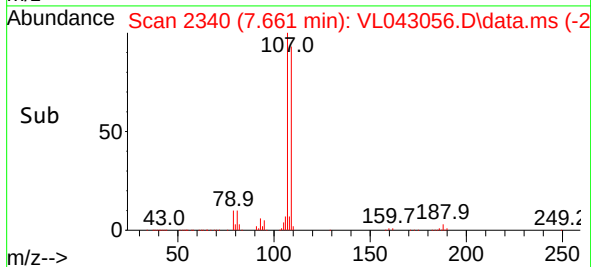
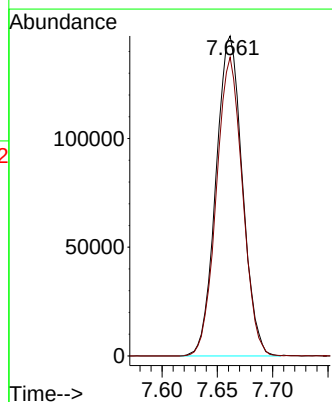
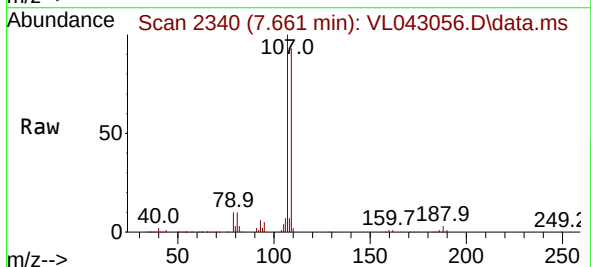
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

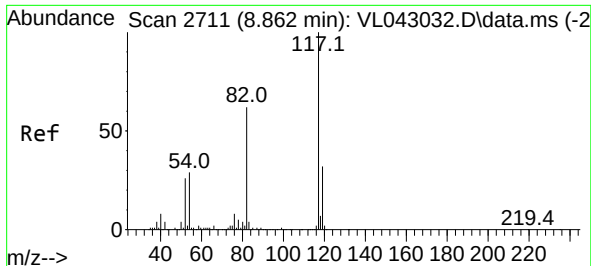
Tgt Ion: 91 Resp: 550580
Ion Ratio Lower Upper
91 100
92 59.6 47.8 71.6



#54
1,2-Dibromoethane
Concen: 10.331 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. 0.032 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 107 Resp: 244672
Ion Ratio Lower Upper
107 100
109 93.3 77.4 116.0

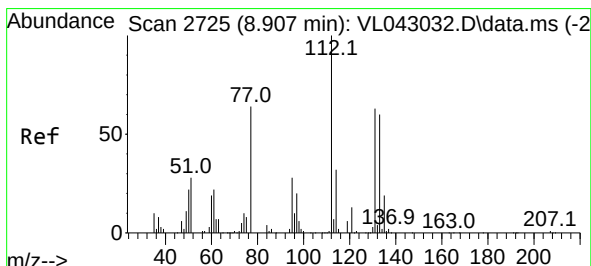
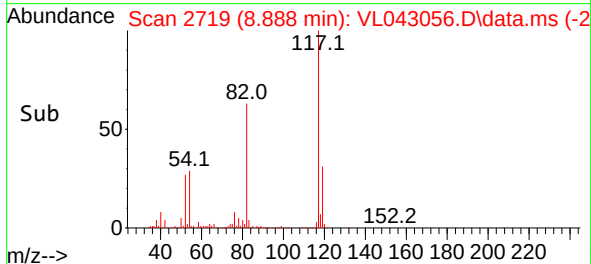
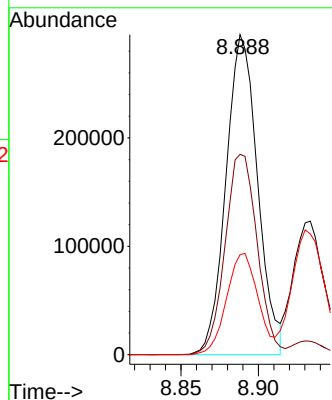
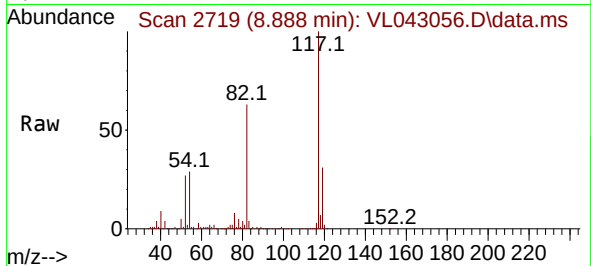




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.026 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

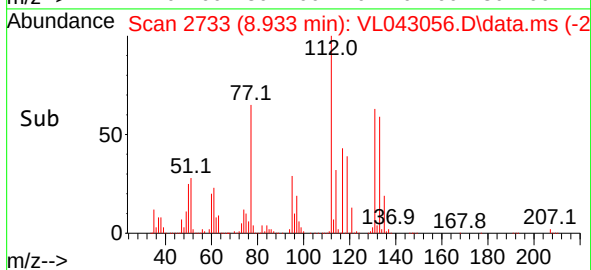
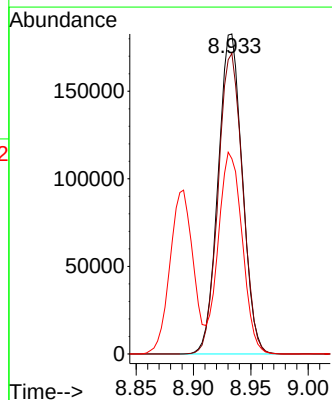
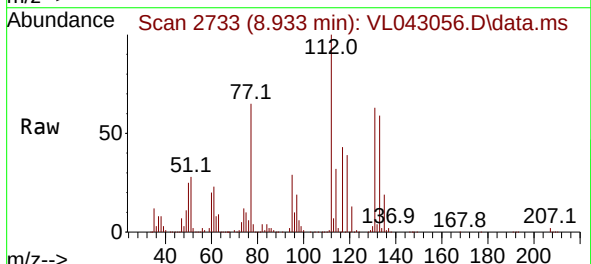
Instrument :
MSVOA_1
ClientSampleId :
VL1008ABS01

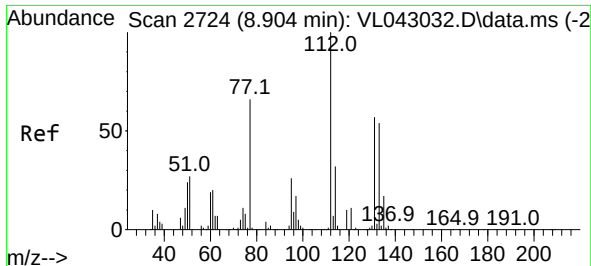
Tgt Ion:117 Resp: 420006
Ion Ratio Lower Upper
117 100
82 68.1 53.0 79.6
119 32.8 25.4 38.2



#56
1,1,1,2-Tetrachloroethane
Concen: 10.469 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.026 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion:131 Resp: 268030
Ion Ratio Lower Upper
131 100
133 95.0 76.2 114.4
119 63.3 49.4 74.2

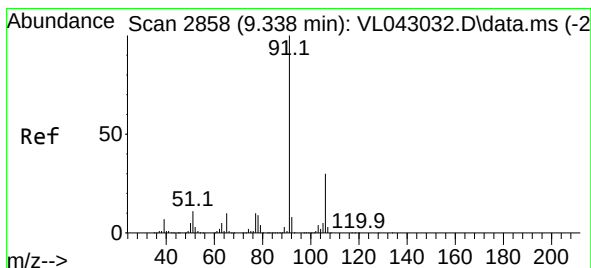
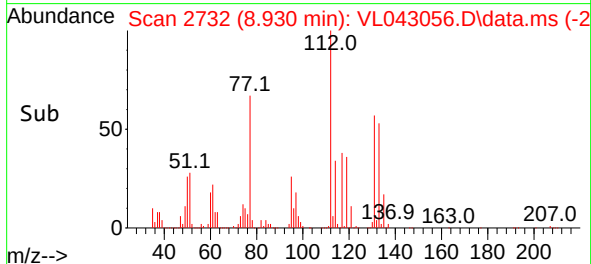
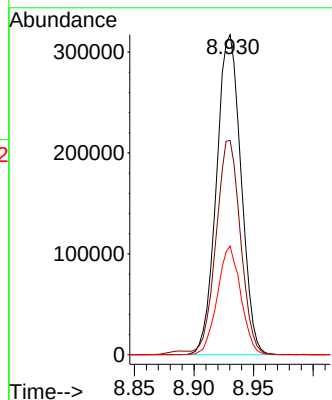
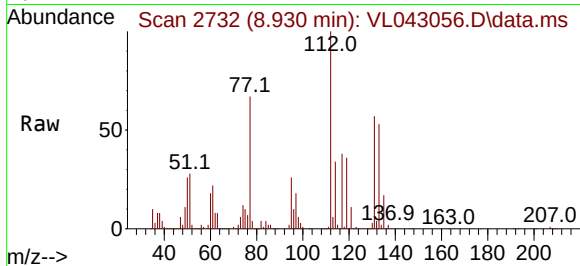




#57
Chlorobenzene
Concen: 10.242 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

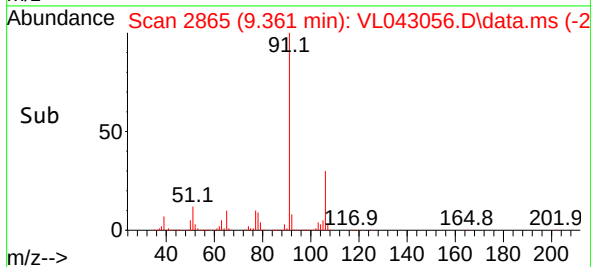
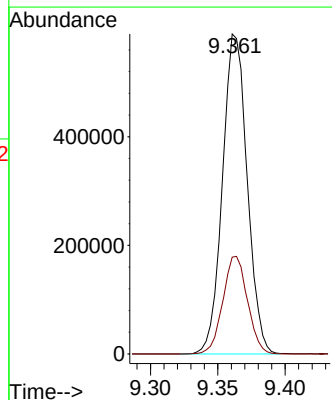
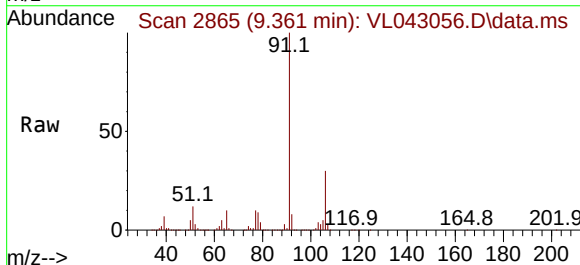
Instrument :
MSVOA_1
ClientSampleId :
VL1008ABS01

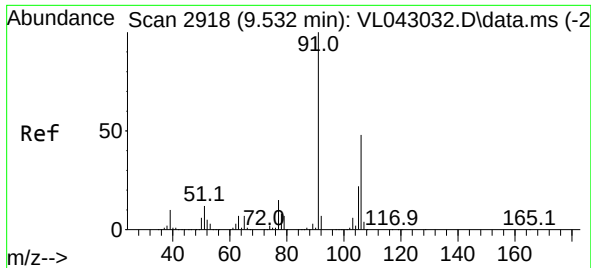
Tgt Ion:112 Resp: 454755
Ion Ratio Lower Upper
112 100
77 66.9 53.2 79.8
114 33.9 28.6 35.0



#58
Ethyl Benzene
Concen: 11.557 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.023 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 91 Resp: 751984
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1

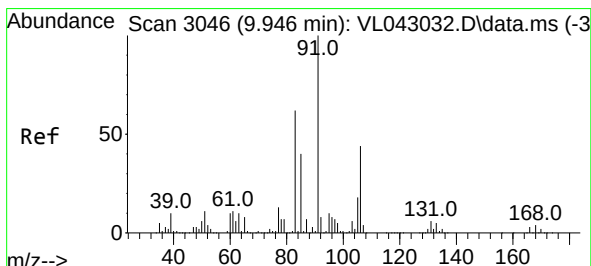
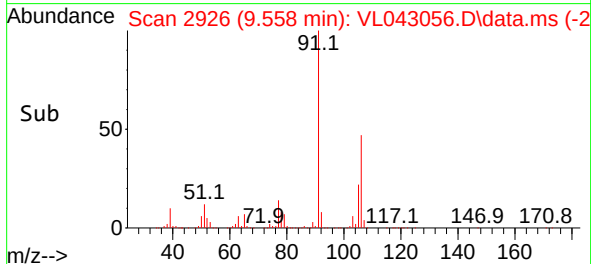
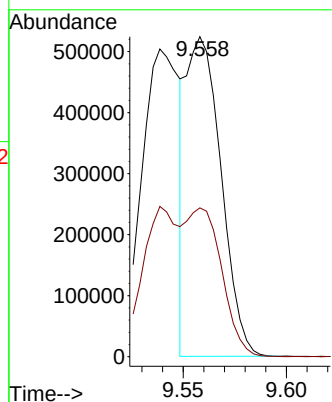
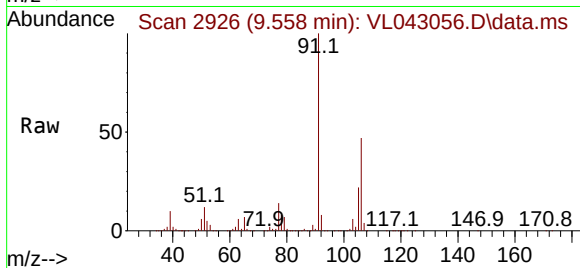




#59
m/p-Xylene
Concen: 11.184 ppbv
RT: 9.558 min Scan# 2918
Delta R.T. 0.026 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

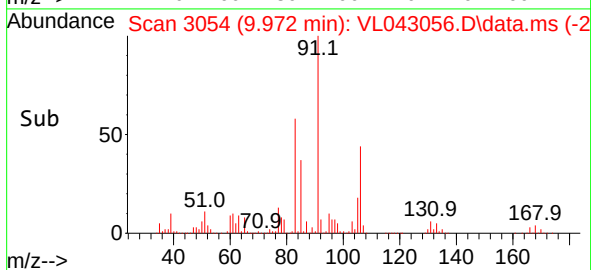
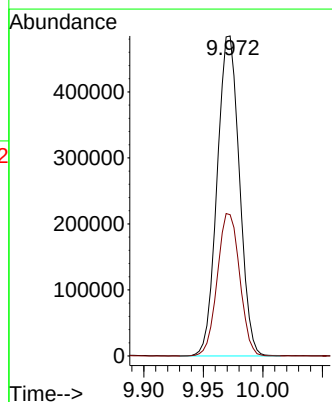
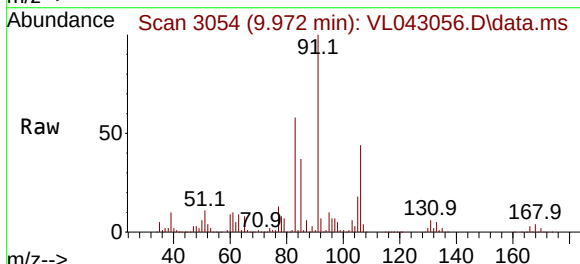
Instrument :
MSVOA_1
ClientSampleId :
VL1008ABS01

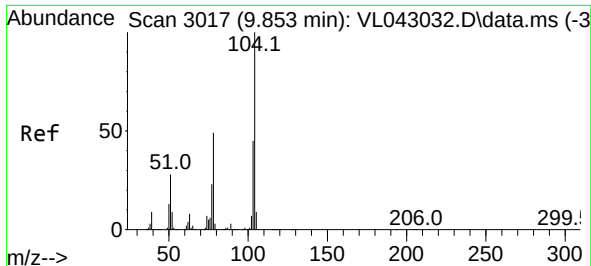
Tgt Ion: 91 Resp: 613801
Ion Ratio Lower Upper
91 100
106 0.0 37.5 56.3#



#60
o-Xylene
Concen: 11.507 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.026 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 91 Resp: 629102
Ion Ratio Lower Upper
91 100
106 44.7 21.9 65.5

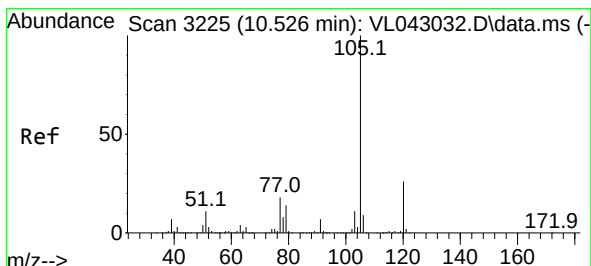
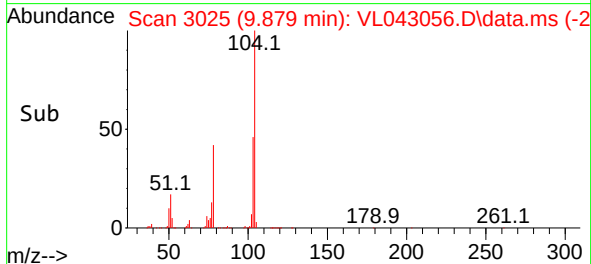
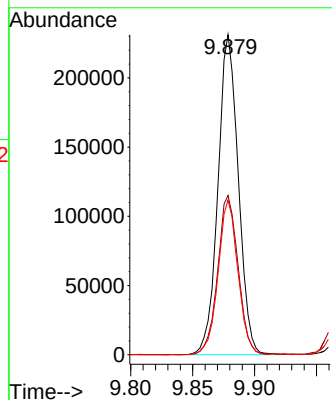
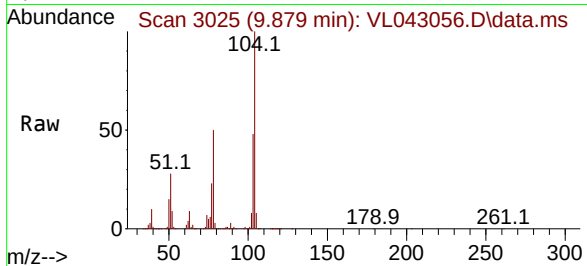




#61
Styrene
Concen: 11.562 ppbv
RT: 9.879 min Scan# 3017
Delta R.T. 0.026 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

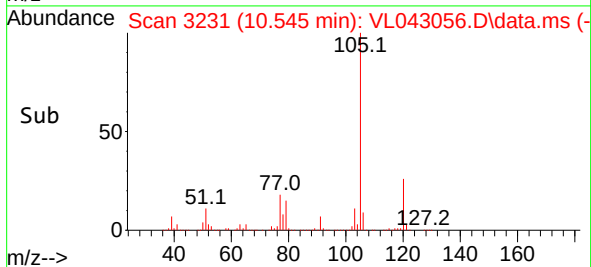
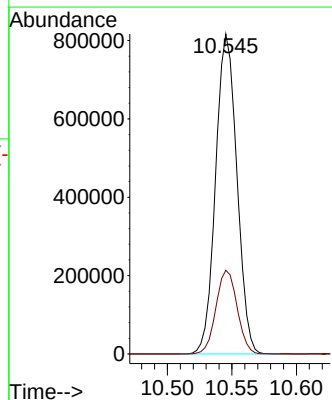
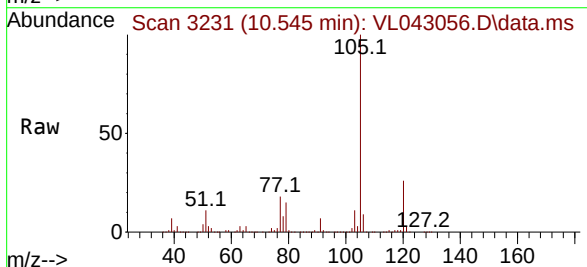
Instrument :
MSVOA_1
ClientSampleId :
VL1008ABS01

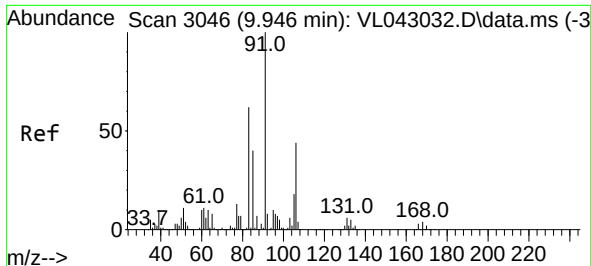
Tgt Ion:104 Resp: 264798
Ion Ratio Lower Upper
104 100
78 50.1 39.7 59.5
103 47.3 37.6 56.4



#62
Isopropylbenzene
Concen: 11.134 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.020 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion:105 Resp: 934426
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0

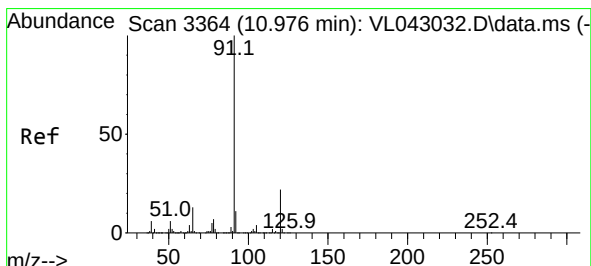
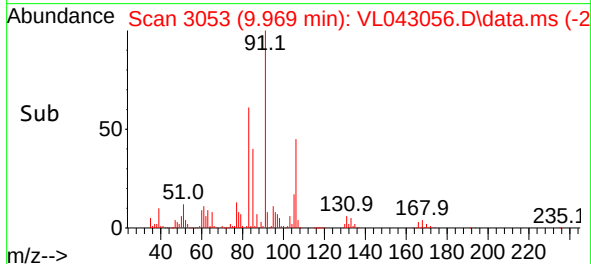
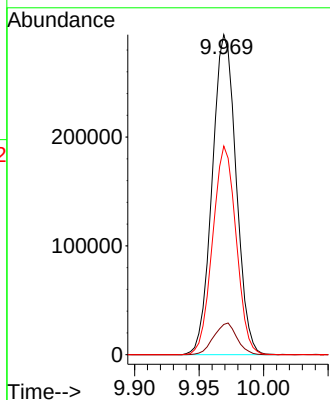
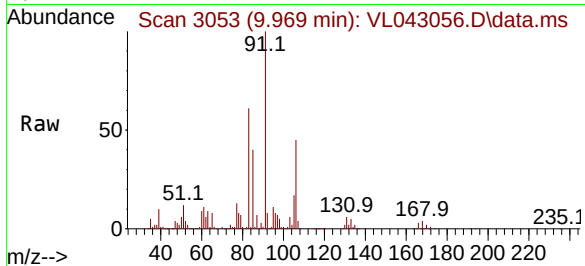




#63
1,1,2,2-Tetrachloroethane
Concen: 9.643 ppbv
RT: 9.969 min Scan# 3046
Delta R.T. 0.023 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

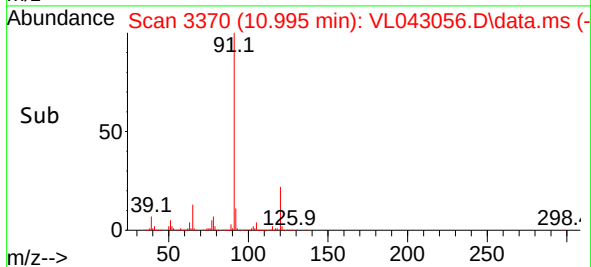
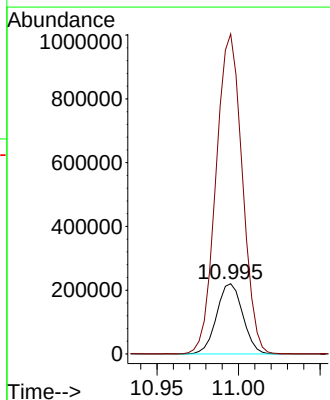
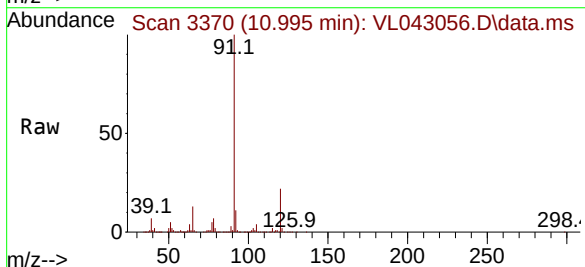
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

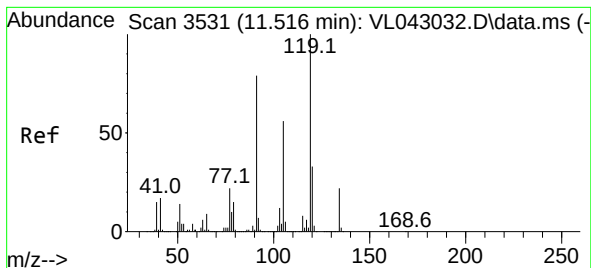
Tgt Ion: 83 Resp: 378183
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 64.1 32.0 96.2



#64
n-propylbenzene
Concen: 11.388 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.019 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion:120 Resp: 244470
Ion Ratio Lower Upper
120 100
91 461.2 367.0 550.4





#65

tert-Butylbenzene

Concen: 11.133 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.019 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_1

ClientSampleId :

VL1008ABS01

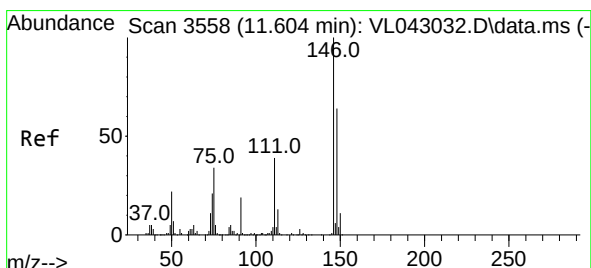
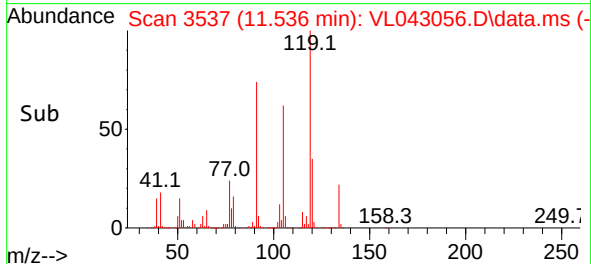
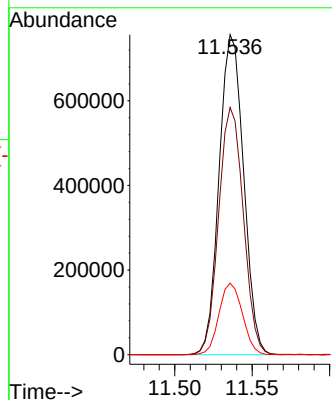
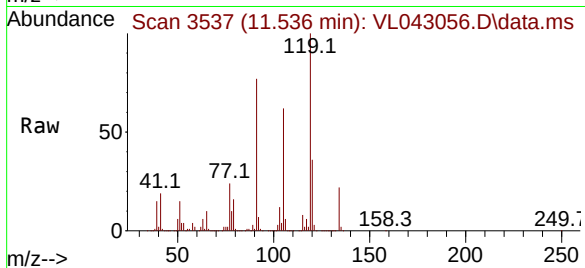
Tgt Ion:119 Resp: 831489

Ion Ratio Lower Upper

119 100

91 77.9 63.1 94.7

134 21.4 16.9 25.3



#66

Benzyl Chloride

Concen: 9.718 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.016 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

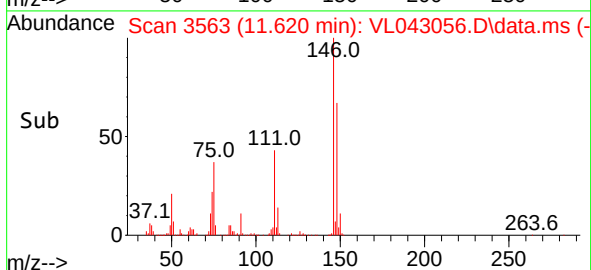
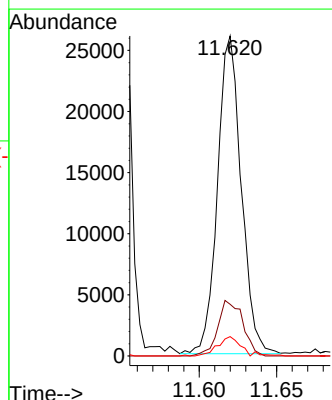
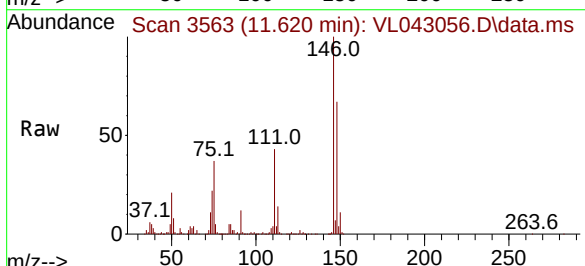
Tgt Ion: 91 Resp: 27741

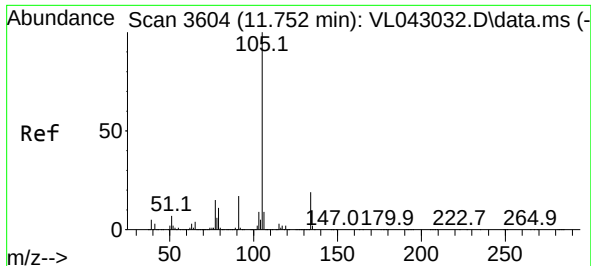
Ion Ratio Lower Upper

91 100

126 18.4 14.2 21.4

128 6.2 4.8 7.2





#67

sec-Butylbenzene

Concen: 10.896 ppbv

RT: 11.772 min Scan# 3110

Delta R.T. 0.019 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_1

ClientSampleId :

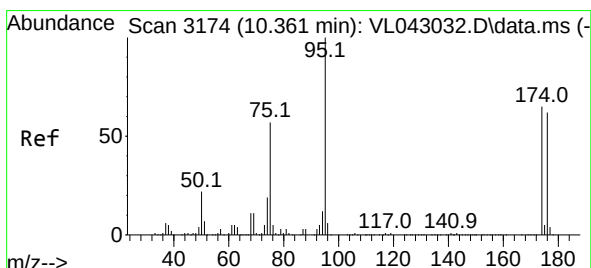
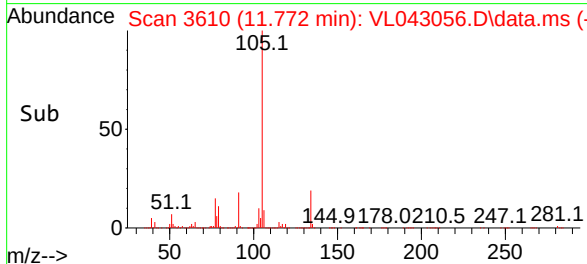
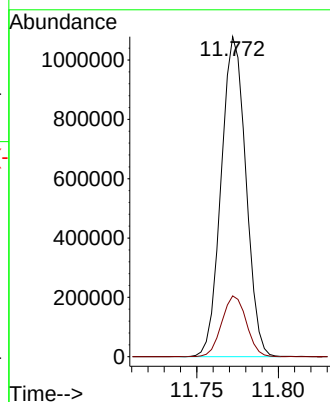
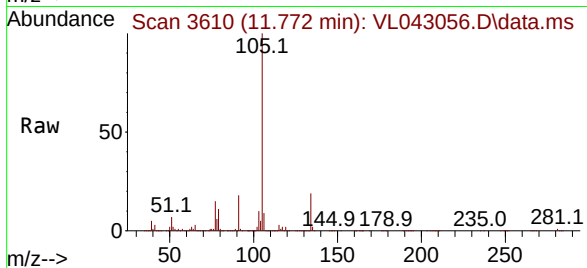
VL1008ABS01

Tgt Ion:105 Resp: 1135694

Ion Ratio Lower Upper

105 100

134 19.0 15.2 22.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.292 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.023 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

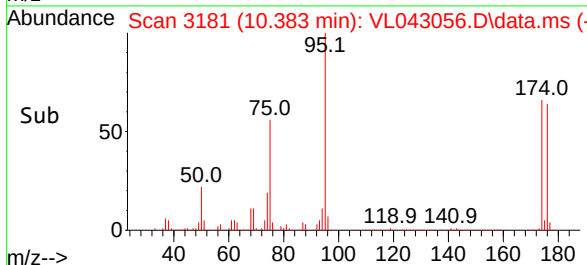
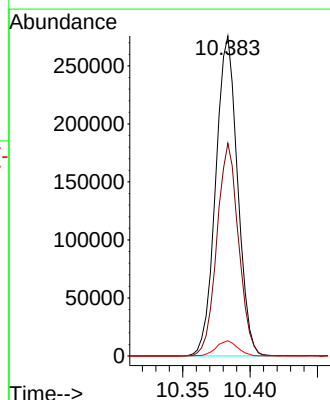
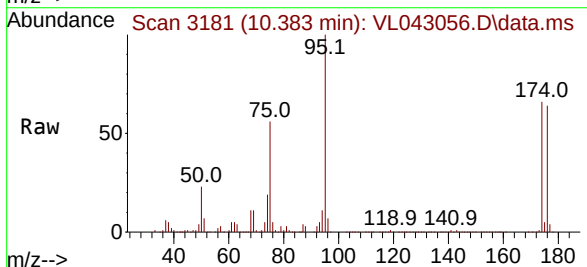
Tgt Ion: 95 Resp: 311409

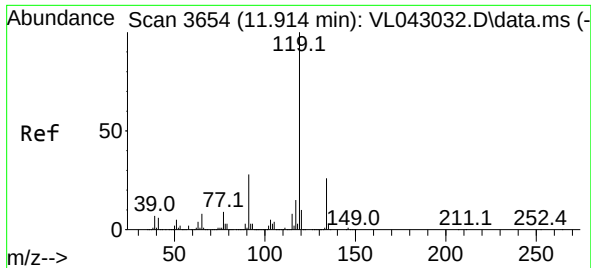
Ion Ratio Lower Upper

95 100

174 66.0 52.3 78.5

175 4.7 3.8 5.8

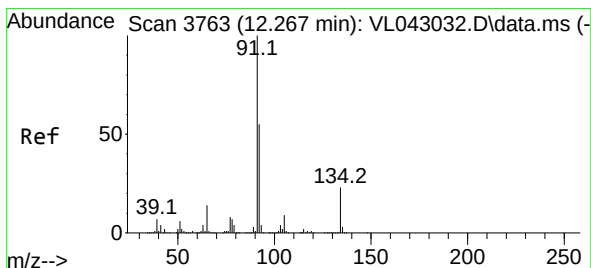
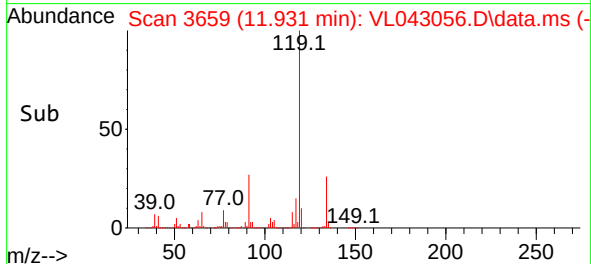
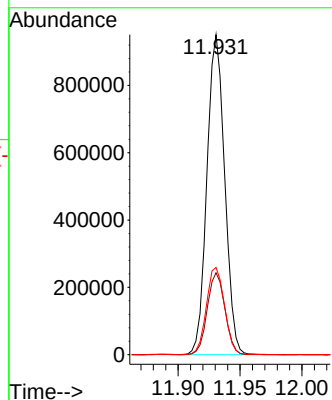
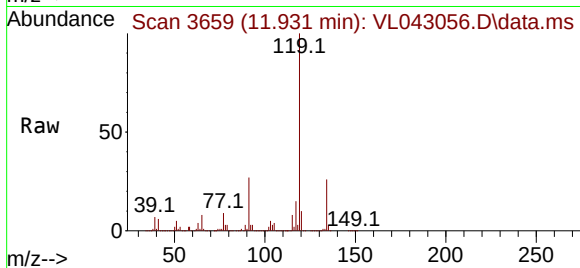




#69
p-Isopropyltoluene
Concen: 11.193 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.016 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

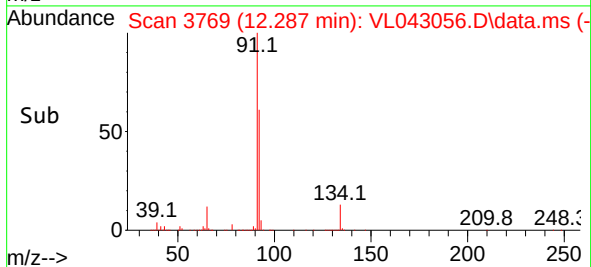
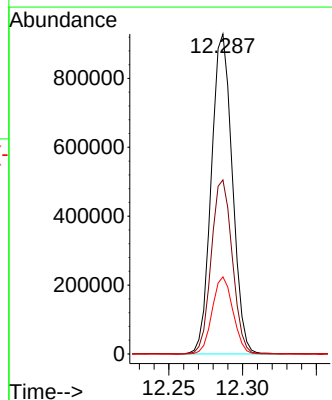
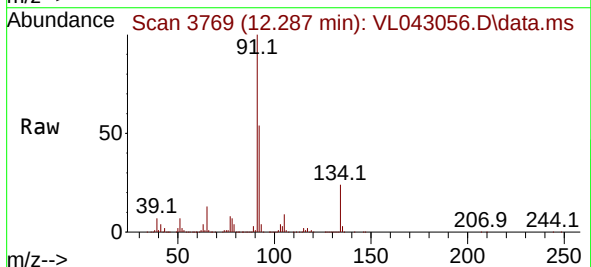
Instrument :
MSVOA_1
ClientSampleId :
VL1008ABS01

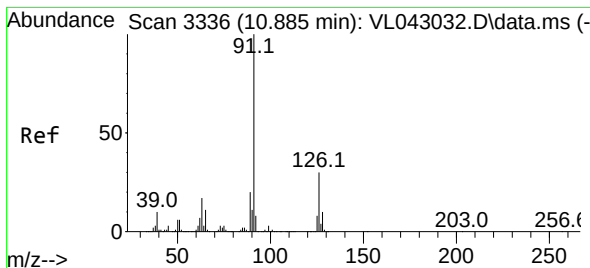
Tgt Ion:119 Resp: 948994
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 27.8 22.6 33.8



#70
n-Butylbenzene
Concen: 11.241 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.019 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 91 Resp: 917717
Ion Ratio Lower Upper
91 100
92 54.7 43.9 65.9
134 23.8 18.9 28.3





#71

2-Chlorotoluene

Concen: 10.990 ppbv

RT: 10.908 min Scan# 31

Delta R.T. 0.023 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

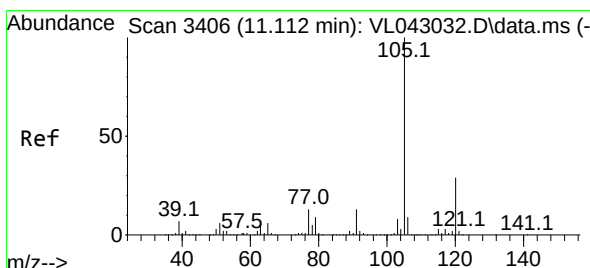
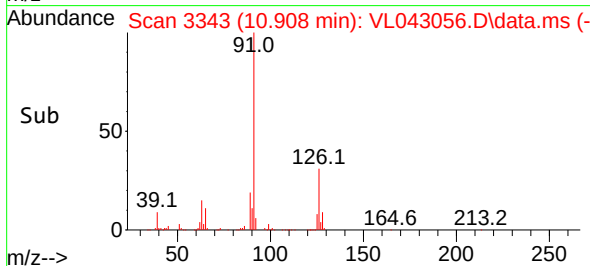
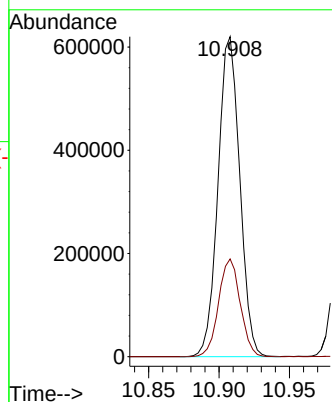
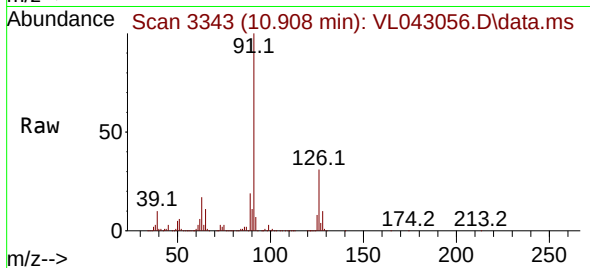
VL1008ABS01

Tgt Ion: 91 Resp: 667532

Ion Ratio Lower Upper

91 100

126 30.4 12.2 48.6



#72

4-Ethyltoluene

Concen: 11.439 ppbv

RT: 11.131 min Scan# 3412

Delta R.T. 0.020 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Tgt Ion: 105 Resp: 744358

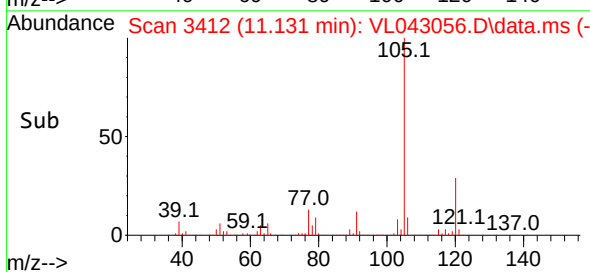
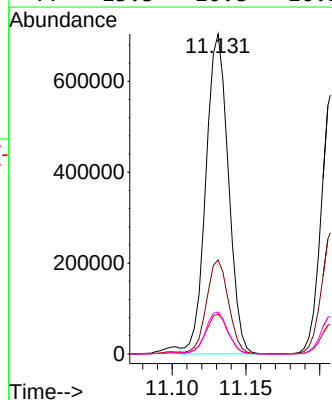
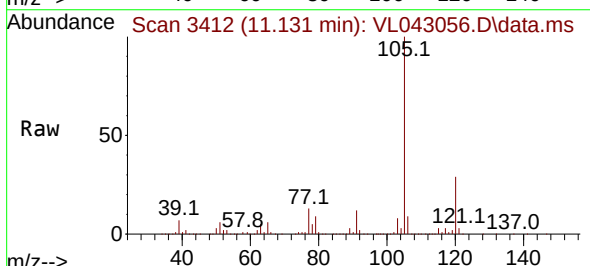
Ion Ratio Lower Upper

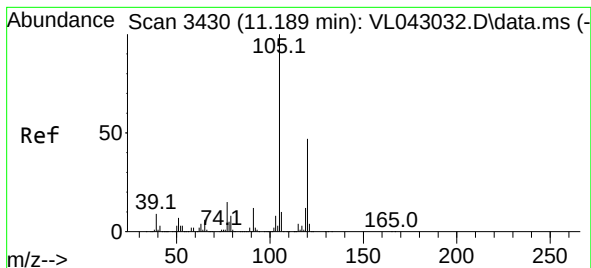
105 100

120 29.6 23.5 35.3

91 12.9 10.4 15.6

77 13.3 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 11.098 ppbv

RT: 11.209 min Scan# 34

Delta R.T. 0.019 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_1

ClientSampleId :

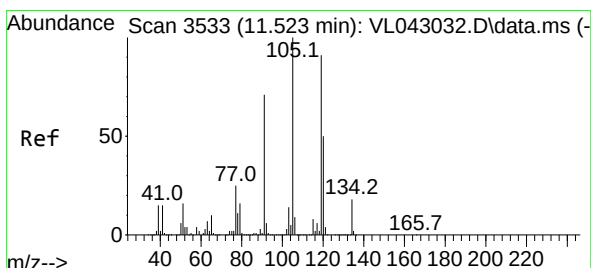
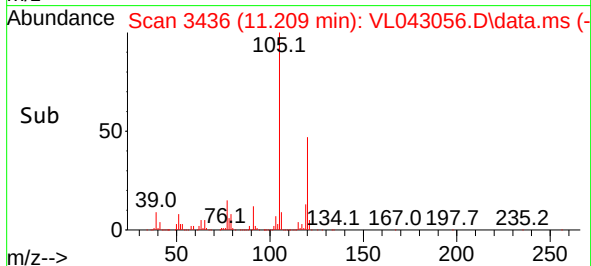
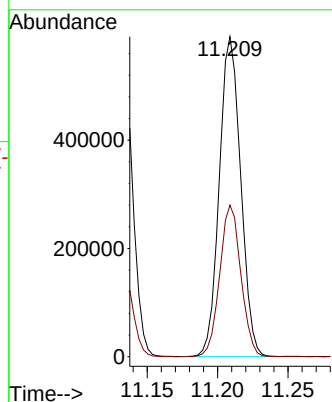
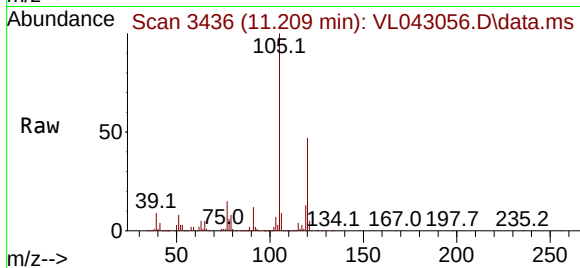
VL1008ABS01

Tgt Ion:105 Resp: 624701

Ion Ratio Lower Upper

105 100

120 47.3 37.5 56.3



#74

1,2,4-Trimethylbenzene

Concen: 10.976 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.020 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Tgt Ion:105 Resp: 697335

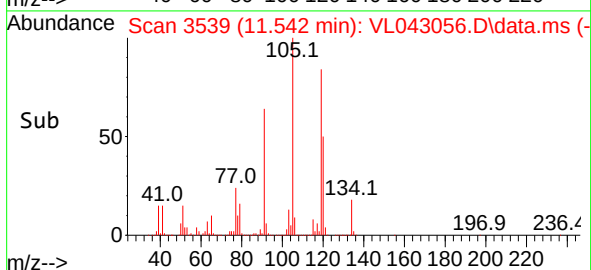
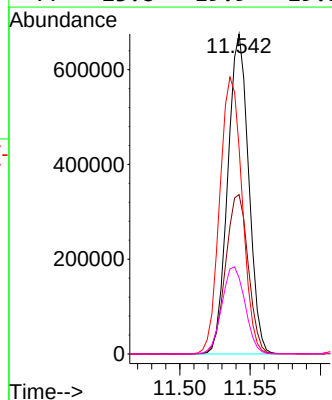
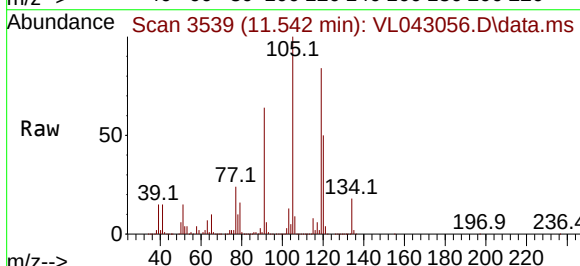
Ion Ratio Lower Upper

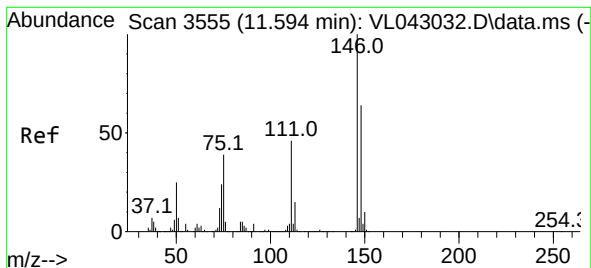
105 100

120 49.8 39.7 59.5

91 64.4 56.5 84.7

77 23.8 19.9 29.9





#75

1,3-Dichlorobenzene

Concen: 9.895 ppbv

RT: 11.613 min Scan# 3555

Delta R.T. 0.019 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VL1008ABS01

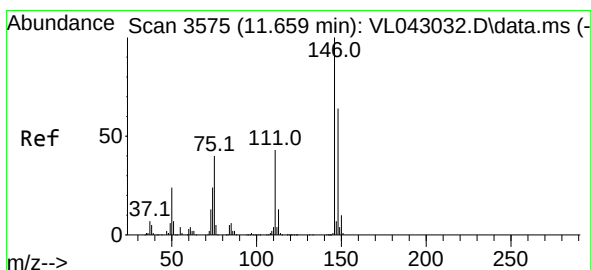
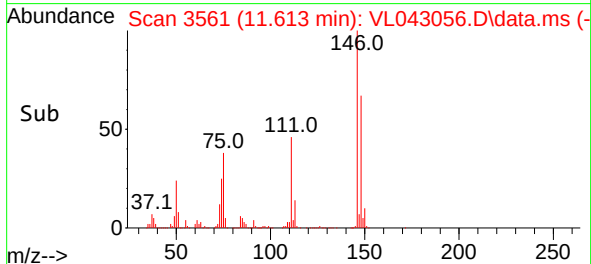
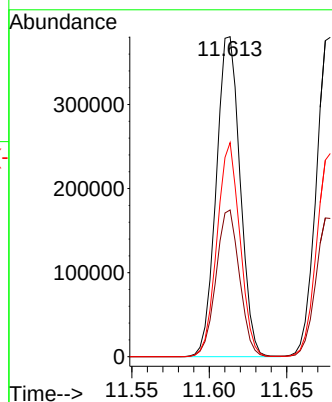
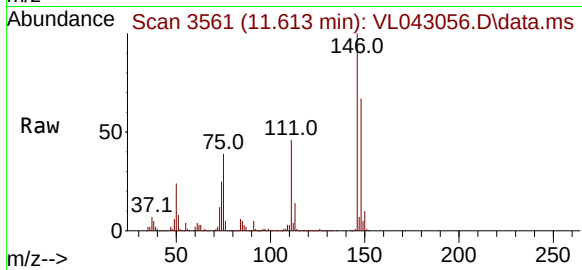
Tgt Ion:146 Resp: 408885

Ion Ratio Lower Upper

146 100

111 45.1 22.6 67.7

148 64.1 31.9 95.7



#76

1,4-Dichlorobenzene

Concen: 10.285 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.020 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

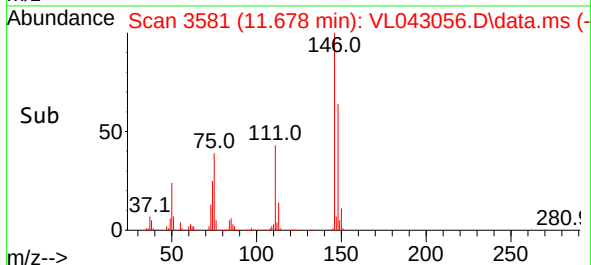
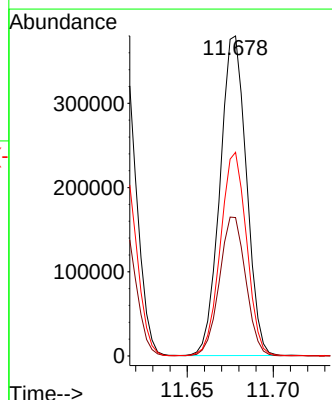
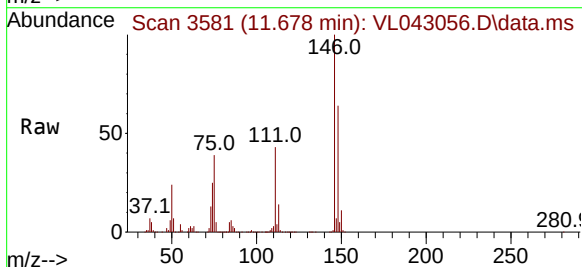
Tgt Ion:146 Resp: 405222

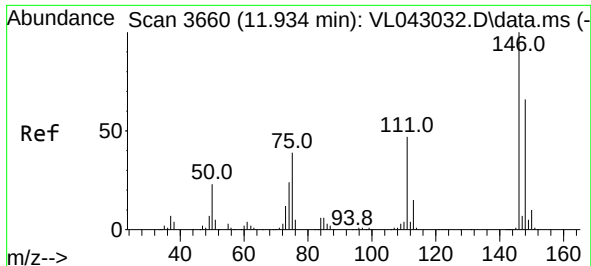
Ion Ratio Lower Upper

146 100

111 43.5 21.7 65.1

148 63.3 32.1 96.3

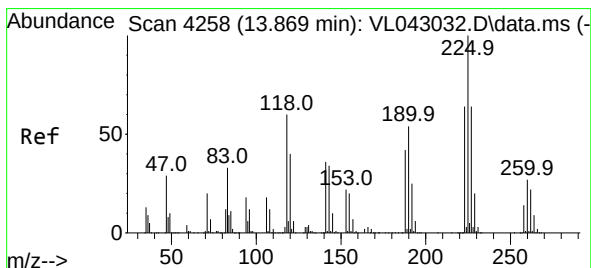
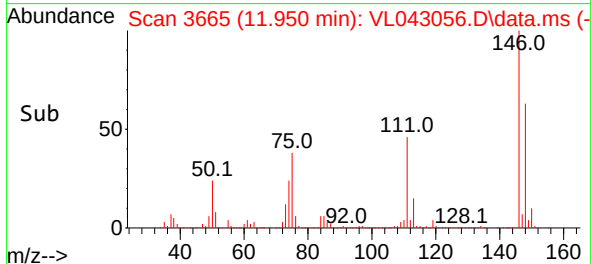
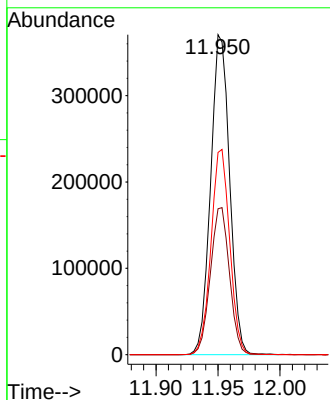
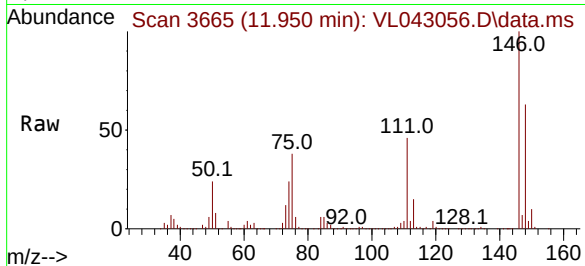




#77
1,2-Dichlorobenzene
Concen: 9.606 ppbv
RT: 11.950 min Scan# 3
Delta R.T. 0.016 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

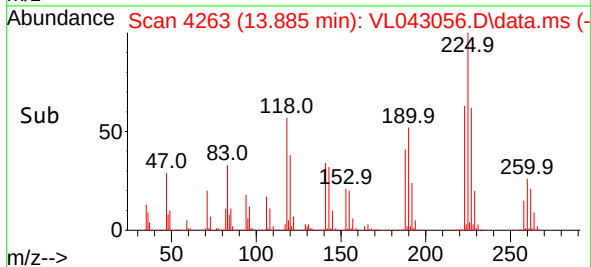
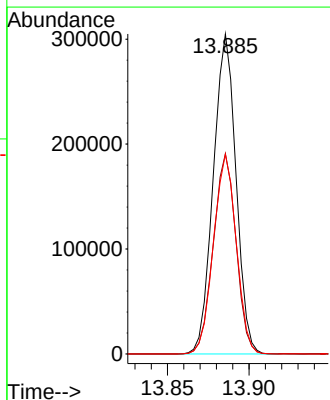
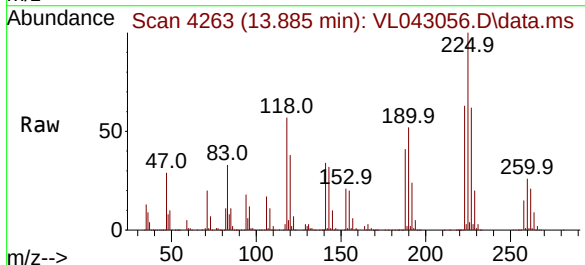
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

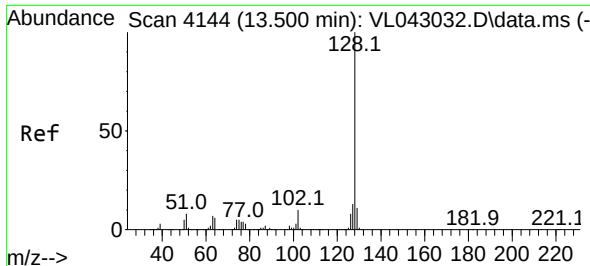
Tgt Ion:146 Resp: 395362
Ion Ratio Lower Upper
146 100
111 46.4 23.2 69.5
148 63.3 31.9 95.7



#78
Hexachloro-1,3-Butadiene
Concen: 10.277 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.016 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion:225 Resp: 294735
Ion Ratio Lower Upper
225 100
223 62.6 50.9 76.3
227 62.8 50.9 76.3

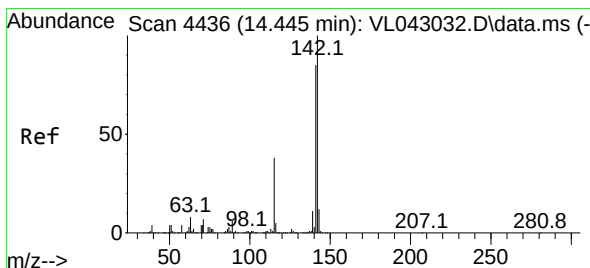
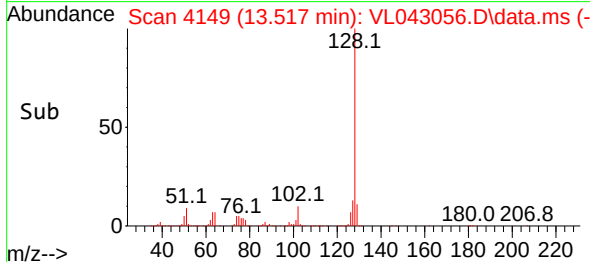
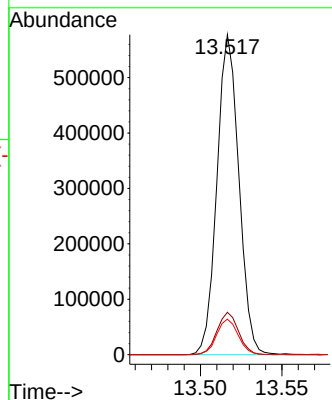
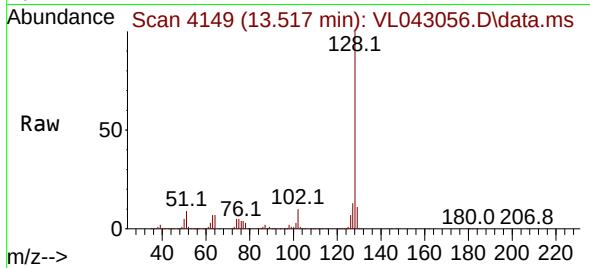




#79
Naphthalene
Concen: 10.024 ppbv
RT: 13.517 min Scan# 4149
Delta R.T. 0.017 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

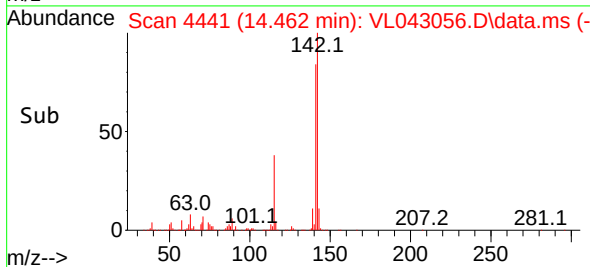
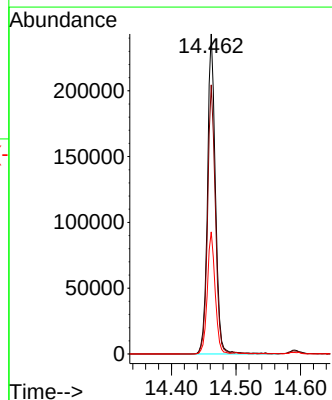
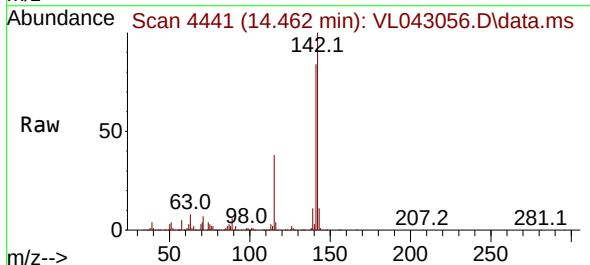
Instrument :
MSVOA_1
ClientSampleId :
VL1008ABS01

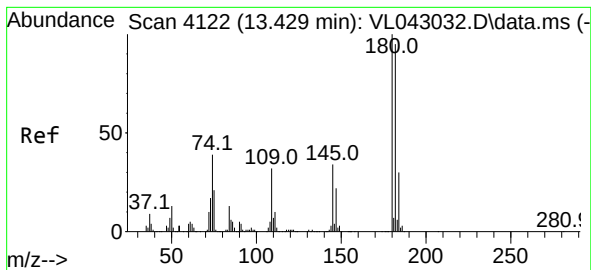
Tgt Ion:128 Resp: 540252
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.1 8.8 13.2



#80
Naphthalene,2-methyl-
Concen: 8.390 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.017 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion:142 Resp: 208159
Ion Ratio Lower Upper
142 100
141 83.8 66.6 100.0
115 38.2 30.1 45.1





#81
 1,2,4-Trichlorobenzene
 Concen: 12.721 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

Tgt Ion:180 Resp: 311481
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.9 115.3
 184 30.5 23.9 35.9

