

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091525\
 Data File : VV039066.D
 Acq On : 15 Sep 2025 08:45
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 01:36:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091525WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 16 01:35:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	347552	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	354004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	144494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	14299	0.506	ug/L	0.00
7) Chloroethane-d5	1.545	69	12707	0.515	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.069	65	6484	0.494	ug/L	0.00
20) 2-Butanone-d5	3.889	46	3060	0.807	ug/L	0.08
24) Chloroform-d	4.262	84	25828	0.482	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.969	65	10477	0.475	ug/L	0.03
32) Benzene-d6	4.969	84	40689	0.410	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.001	67	13577	0.474	ug/L	0.02
41) Toluene-d8	7.246	98	34831	0.391	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	4287	0.403	ug/L	0.02
46) 2-Hexanone-d5	8.040	63	9445	2.847	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.149	84	10421	0.482	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	11832	0.500	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	17698	0.455	ug/L	95
3) Chloromethane	1.227	50	16447	0.429	ug/L	96
5) Vinyl chloride	1.294	62	17469	0.430	ug/L	100
6) Bromomethane	1.500	94	10539	0.467	ug/L	93
8) Chloroethane	1.561	64	11873	0.468	ug/L	99
9) Trichlorofluoromethane	1.725	101	23594	0.426	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	13625	0.401	ug/L #	89
12) 1,1-Dichloroethene	2.082	96	12833	0.415	ug/L	87
13) Acetone	2.146	43	13810	3.747	ug/L	99
14) Carbon disulfide	2.252	76	46946	0.464	ug/L	95
15) Methyl Acetate	2.407	43	2611	0.281	ug/L	98
16) Methylene chloride	2.458	84	17507	0.403	ug/L	93
17) Methyl tert-butyl Ether	2.715	73	19423	0.365	ug/L	98
18) trans-1,2-Dichloroethene	2.709	96	12337	0.395	ug/L	90
19) 1,1-Dichloroethane	3.121	63	24470	0.430	ug/L	97
21) 2-Butanone	3.966	43	4581	1.099	ug/L	79
22) cis-1,2-Dichloroethene	3.834	96	9320	0.311	ug/L	90
23) Bromochloromethane	4.162	128	5594	0.417	ug/L #	81
25) Chloroform	4.294	83	25490	0.428	ug/L	88
27) 1,2-Dichloroethane	5.063	62	10953	0.364	ug/L	94
29) 1,1,1-Trichloroethane	4.516	97	22135	0.403	ug/L #	88
30) Cyclohexane	4.580	56	14291	0.303	ug/L	94
31) Carbon tetrachloride	4.738	117	19815	0.417	ug/L	97
33) Benzene	5.018	78	40405	0.333	ug/L	100
34) Trichloroethene	5.844	95	12018	0.368	ug/L	92
35) Methylcyclohexane	6.043	83	20550	0.410	ug/L #	84
37) 1,2-Dichloropropane	6.104	63	10714	0.358	ug/L	100
38) Bromodichloromethane	6.439	83	15630	0.384	ug/L	97
39) cis-1,3-Dichloropropene	6.966	75	13456	0.332	ug/L	95
40) 4-Methyl-2-pentanone	7.162	43	30910	2.598	ug/L #	96
42) Toluene	7.320	91	38772	0.305	ug/L	97
44) trans-1,3-Dichloropropene	7.606	75	7811	0.229	ug/L	95

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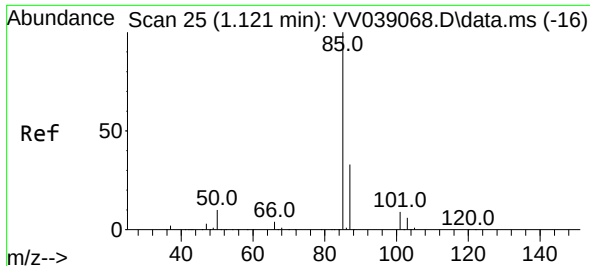
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.776	97	8609	0.402	ug/L	91
47) Tetrachloroethene	7.902	164	9716	0.385	ug/L	95
48) 2-Hexanone	8.088	43	17665	2.251	ug/L #	93
49) Dibromochloromethane	8.175	129	9958	0.388	ug/L	89
50) 1,2-Dibromoethane	8.288	107	6768	0.347	ug/L #	93
51) Chlorobenzene	8.812	112	30495	0.368	ug/L	99
52) Ethylbenzene	8.943	91	41520	0.315	ug/L	94
53) m,p-Xylene	9.072	106	13414	0.263	ug/L	97
54) o-Xylene	9.474	106	12779	0.276	ug/L	100
55) Styrene	9.500	104	19848	0.247	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	9321	0.377	ug/L #	95
59) Bromoform	9.660	173	5188	0.471	ug/L #	93
60) Isopropylbenzene	9.860	105	36846	0.344	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	5449	0.387	ug/L #	88
62) 1,3,5-Trimethylbenzene	10.468	105	28514	0.350	ug/L	96
63) 1,2,4-Trimethylbenzene	10.844	105	25825	0.327	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	19131	0.373	ug/L	95
65) 1,4-Dichlorobenzene	11.197	146	20254	0.384	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	16194	0.355	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.361	75	1122	0.376	ug/L #	90
69) 1,3,5-Trichlorobenzene	12.577	180	13999	0.429	ug/L	93
70) 1,2,4-trichlorobenzene	13.194	180	9884	0.394	ug/L	98
71) Naphthalene	13.435	128	13635	0.351	ug/L	96
72) 1,2,3-Trichlorobenzene	13.670	180	8729	0.390	ug/L	89

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

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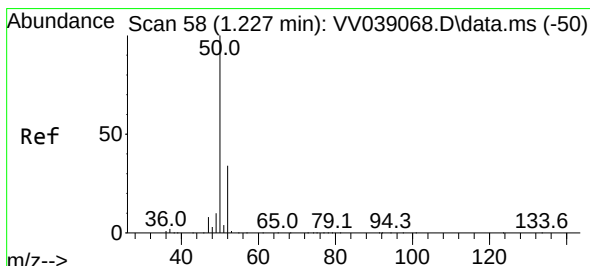
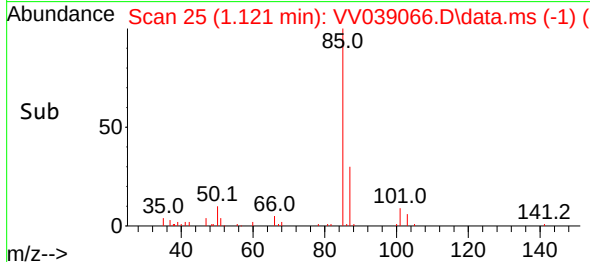
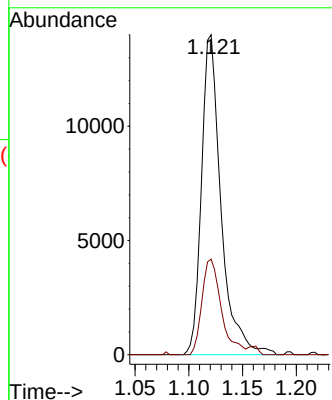
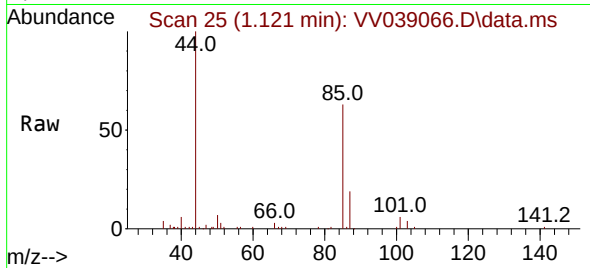




#2
Dichlorodifluoromethane
Concen: 0.455 ug/L
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

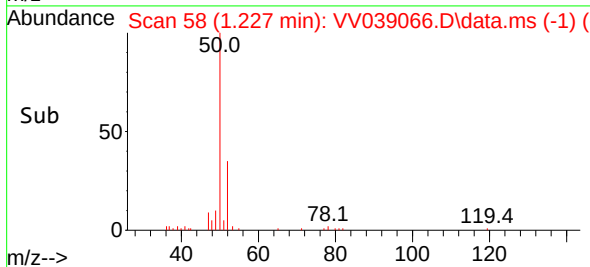
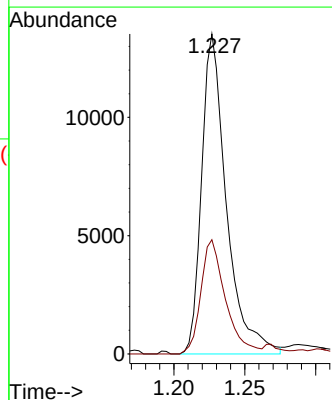
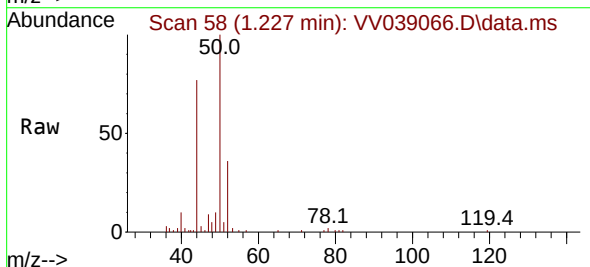
Instrument :
MSVOA_V
ClientSampleId :

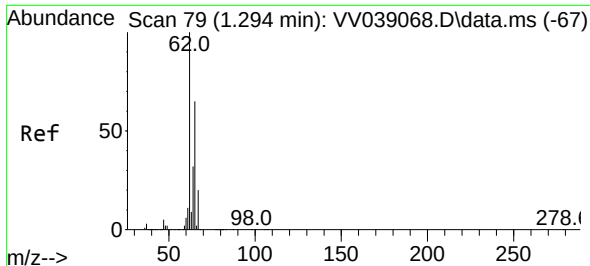
Tgt Ion: 85 Resp: 17698
Ion Ratio Lower Upper
85 100
87 29.7 25.9 38.9



#3
Chloromethane
Concen: 0.429 ug/L
RT: 1.227 min Scan# 58
Delta R.T. 0.000 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion: 50 Resp: 16447
Ion Ratio Lower Upper
50 100
52 35.7 23.4 43.6





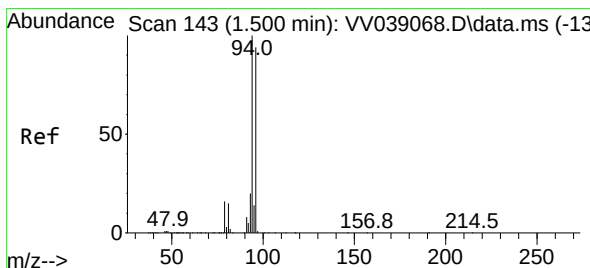
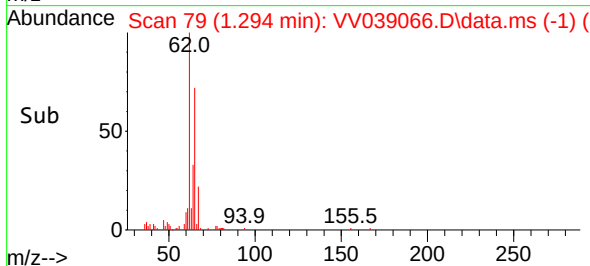
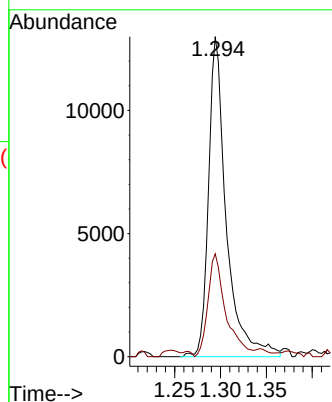
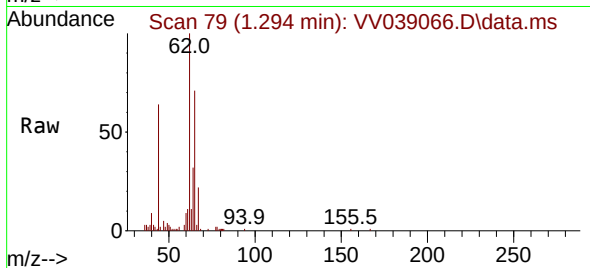
#5
 Vinyl chloride
 Concen: 0.430 ug/L
 RT: 1.294 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VV039066.D
 Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

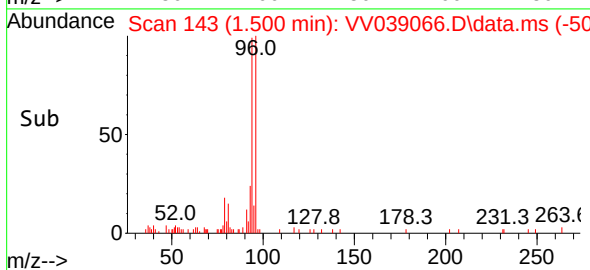
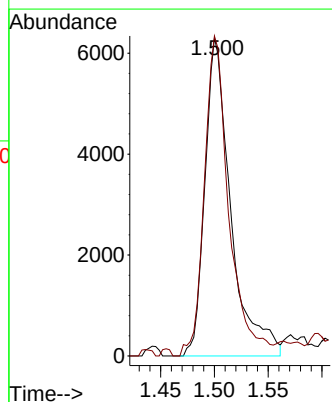
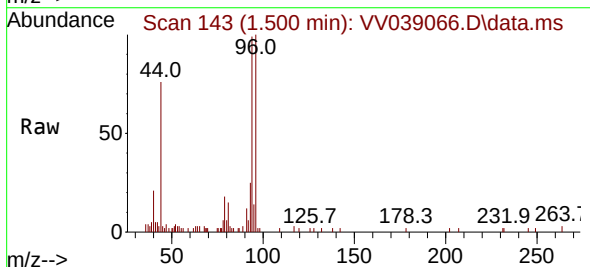
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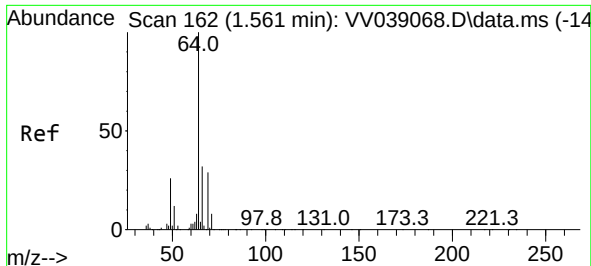
Tgt Ion: 62 Resp: 17469
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.4 41.6



#6
 Bromomethane
 Concen: 0.467 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VV039066.D
 Acq: 15 Sep 2025 08:45

Tgt Ion: 94 Resp: 10539
 Ion Ratio Lower Upper
 94 100
 96 100.6 65.9 122.5

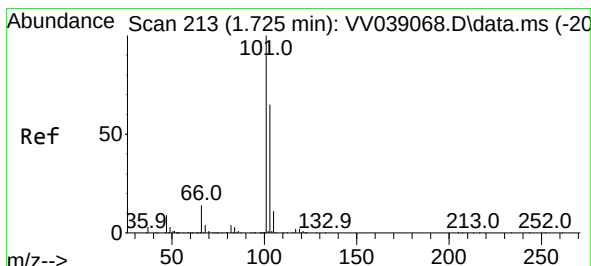
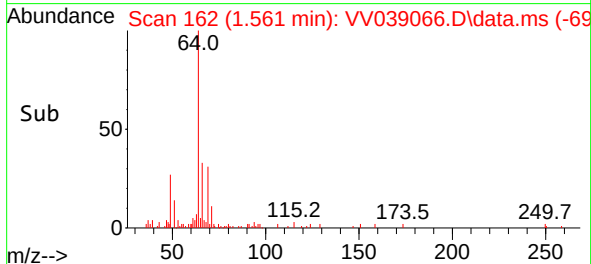
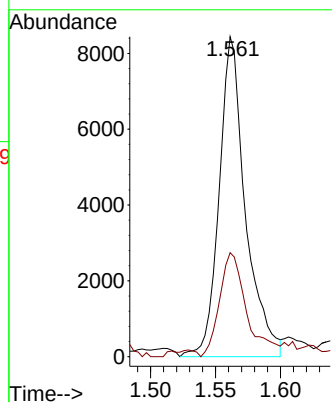
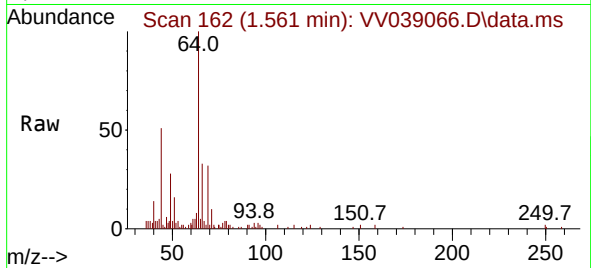




#8
Chloroethane
Concen: 0.468 ug/L
RT: 1.561 min Scan# 162
Delta R.T. 0.000 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

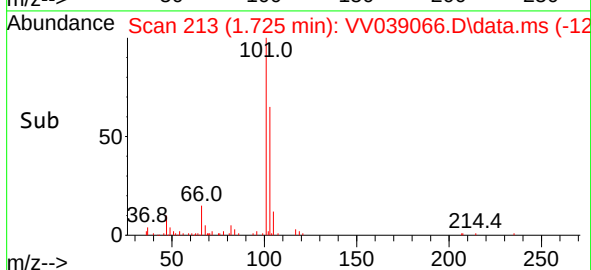
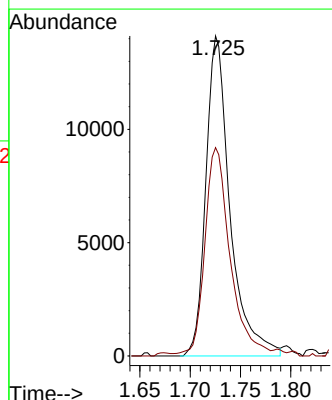
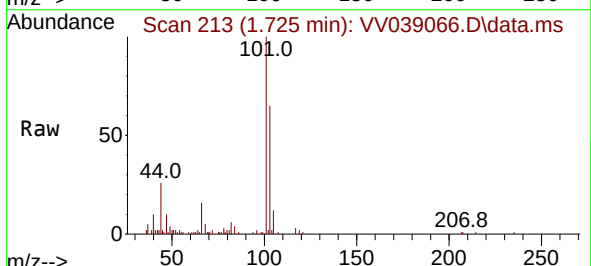
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ClientSampleId :

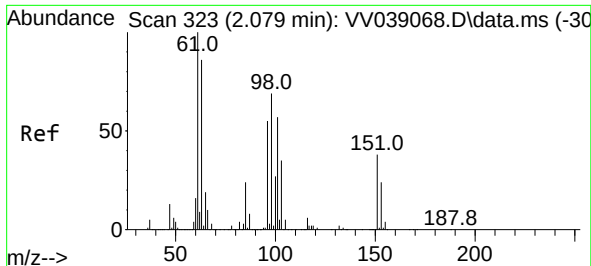
Tgt Ion: 64 Resp: 11873
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 0.426 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion: 101 Resp: 23594
Ion Ratio Lower Upper
101 100
103 65.5 50.7 76.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.401 ug/L

RT: 2.079 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

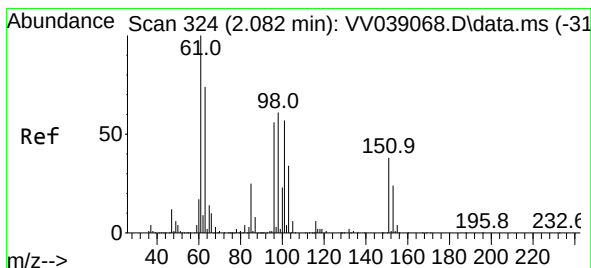
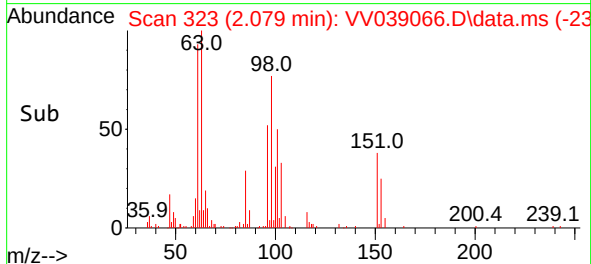
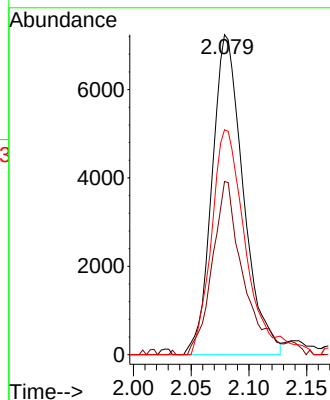
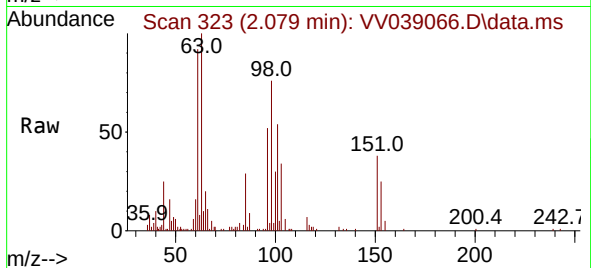
Tgt Ion:101 Resp: 13625

Ion Ratio Lower Upper

101 100

85 53.4 35.4 53.0#

151 77.2 55.4 83.0



#12

1,1-Dichloroethene

Concen: 0.415 ug/L

RT: 2.082 min Scan# 324

Delta R.T. 0.000 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

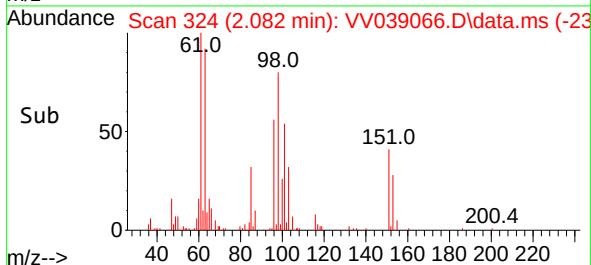
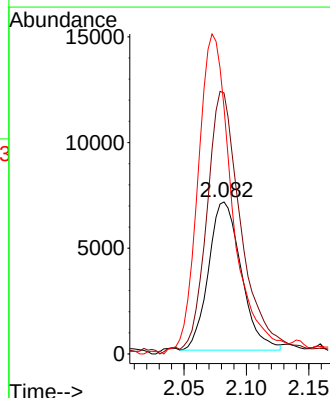
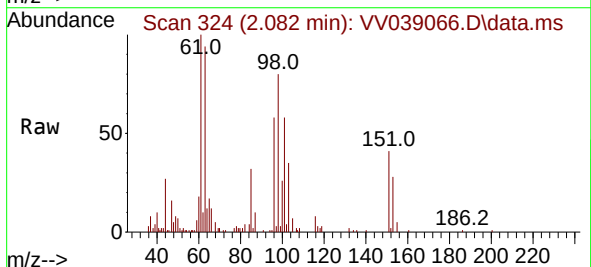
Tgt Ion: 96 Resp: 12833

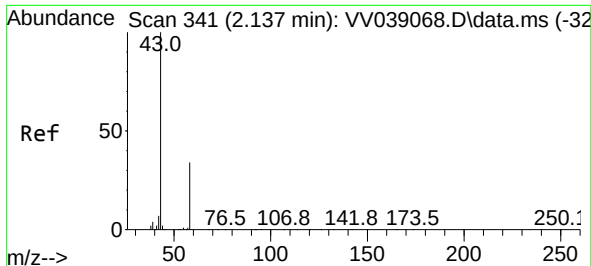
Ion Ratio Lower Upper

96 100

61 171.6 124.7 231.7

63 161.8 93.5 173.7





#13

Acetone

Concen: 3.747 ug/L

RT: 2.146 min Scan# 341

Delta R.T. 0.010 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

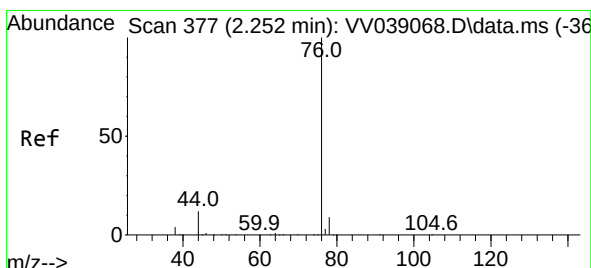
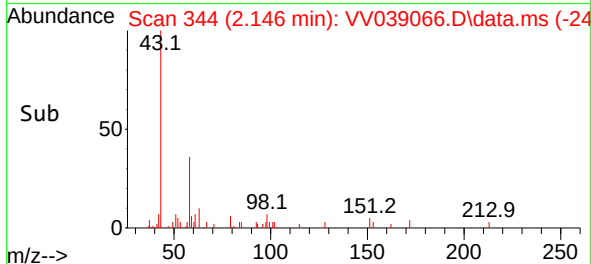
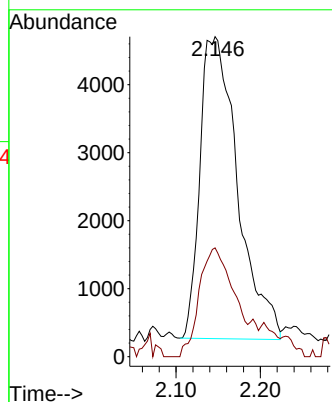
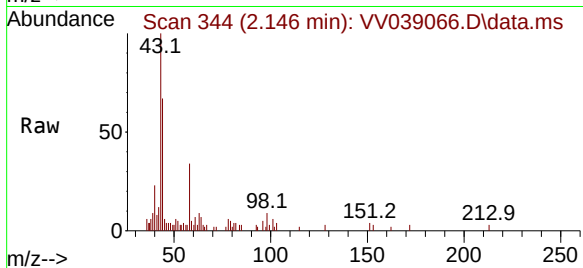
ClientSampleId :

Tgt Ion: 43 Resp: 13810

Ion Ratio Lower Upper

43 100

58 32.7 0.0 64.0



#14

Carbon disulfide

Concen: 0.464 ug/L

RT: 2.252 min Scan# 377

Delta R.T. 0.000 min

Lab File: VV039066.D

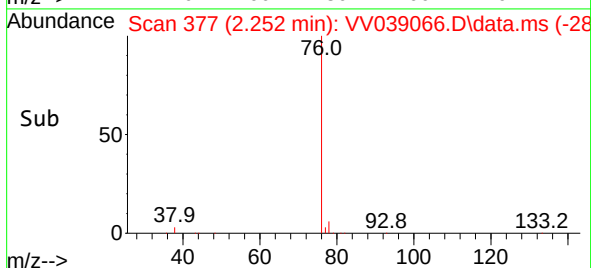
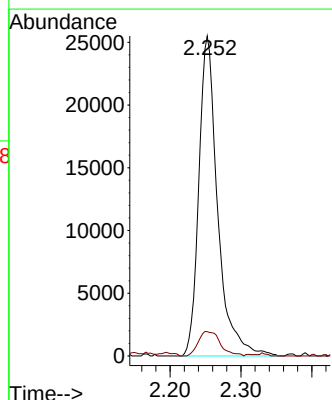
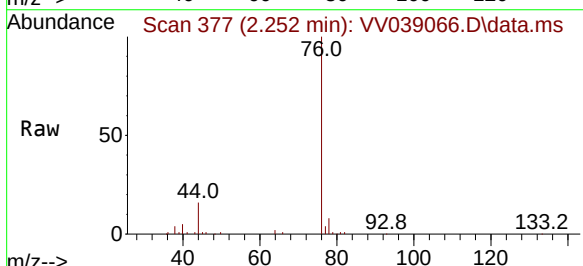
Acq: 15 Sep 2025 08:45

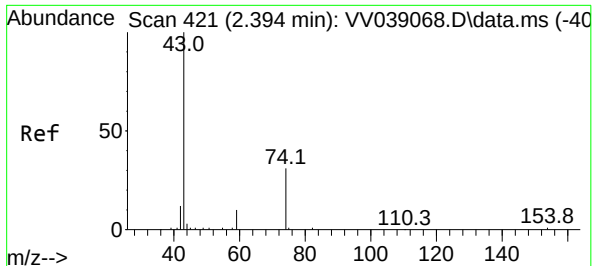
Tgt Ion: 76 Resp: 46946

Ion Ratio Lower Upper

76 100

78 7.6 7.4 11.2

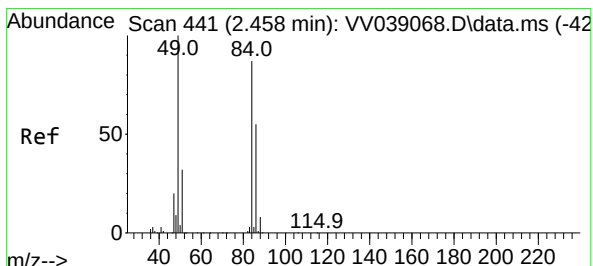
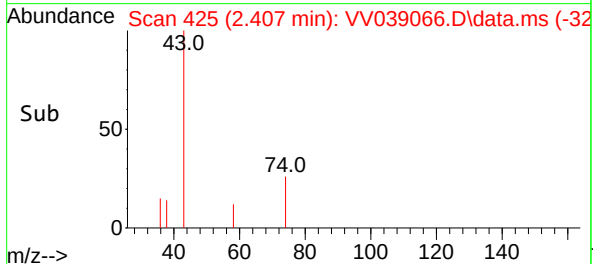
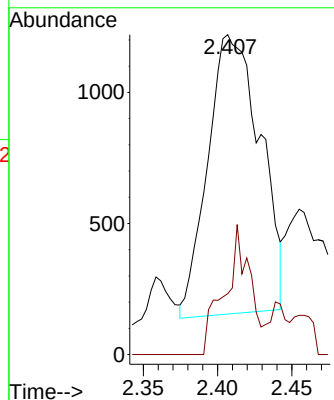
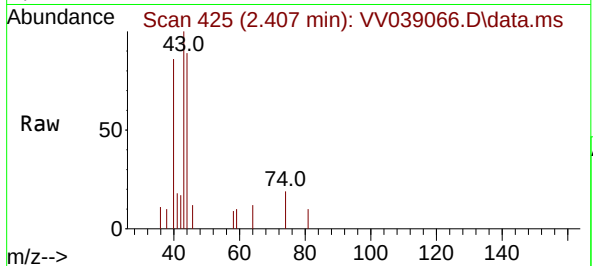




#15
Methyl Acetate
Concen: 0.281 ug/L
RT: 2.407 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

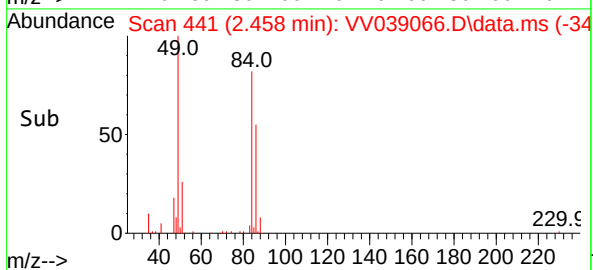
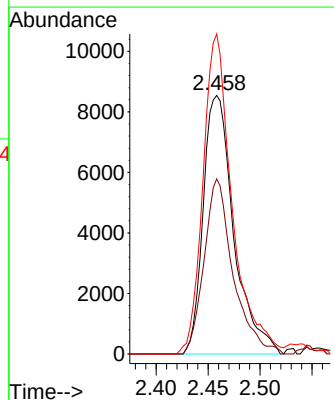
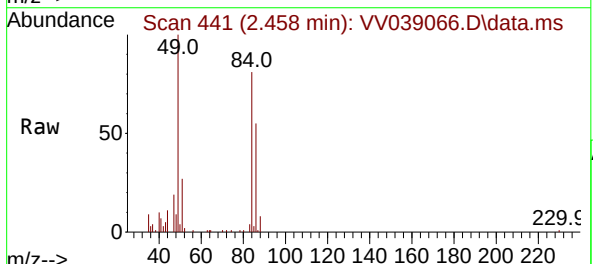
Instrument :
MSVOA_V
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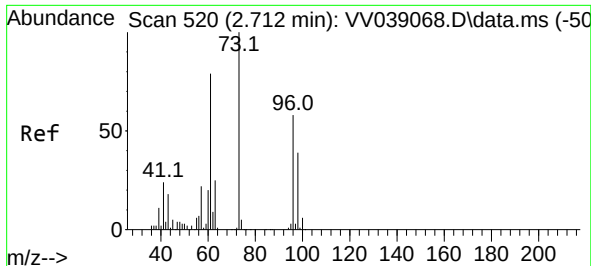
Tgt Ion: 43 Resp: 2611
Ion Ratio Lower Upper
43 100
74 22.4 18.8 28.2



#16
Methylene chloride
Concen: 0.403 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion: 84 Resp: 17507
Ion Ratio Lower Upper
84 100
86 67.7 44.2 82.2
49 123.7 80.6 149.6





#17

Methyl tert-butyl Ether

Concen: 0.365 ug/L

RT: 2.715 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

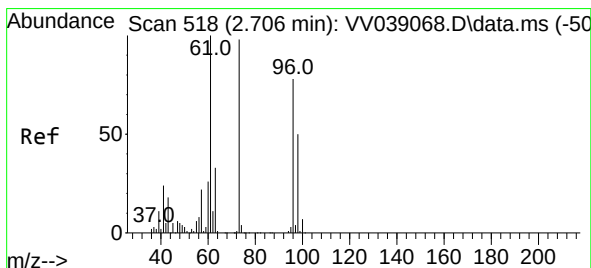
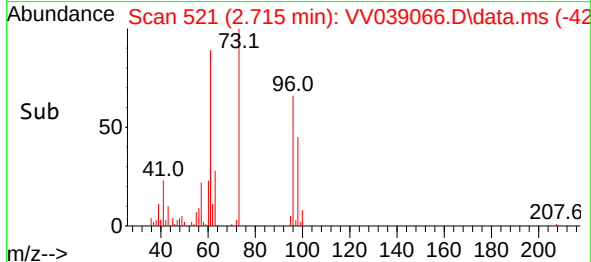
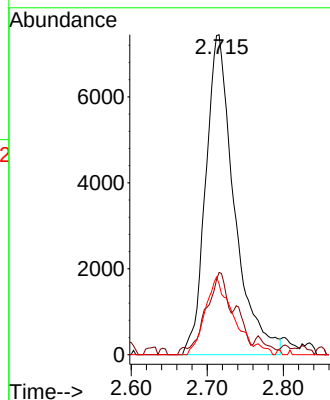
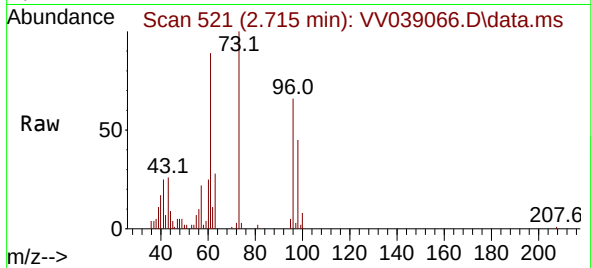
Tgt Ion: 73 Resp: 19423

Ion Ratio Lower Upper

73 100

43 19.7 14.7 22.1

57 23.1 18.0 27.0



#18

trans-1,2-Dichloroethene

Concen: 0.395 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

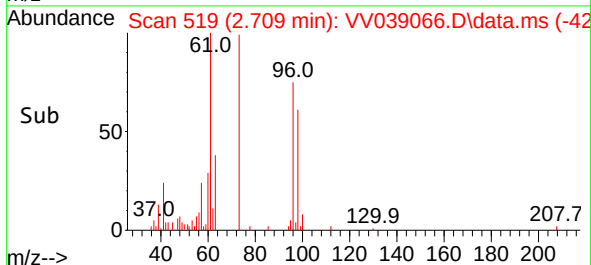
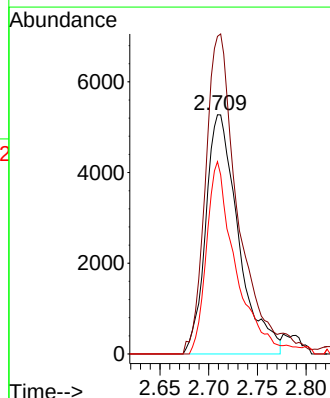
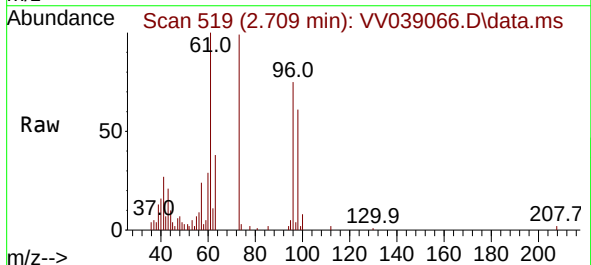
Tgt Ion: 96 Resp: 12337

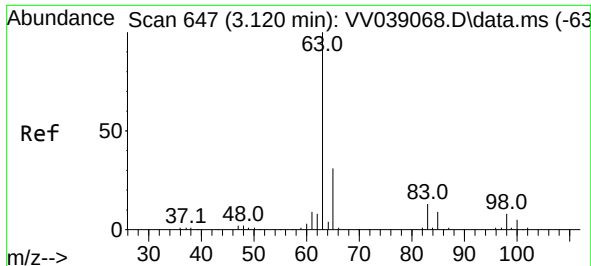
Ion Ratio Lower Upper

96 100

61 132.8 89.7 166.5

98 80.4 44.9 83.3





#19

1,1-Dichloroethane

Concen: 0.430 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.000 min

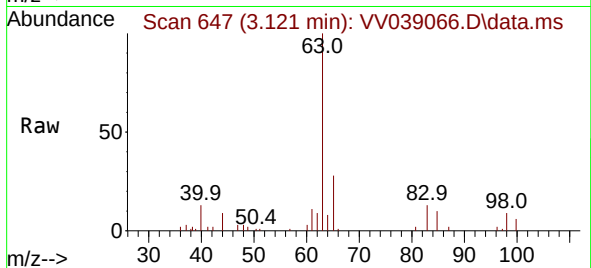
Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :



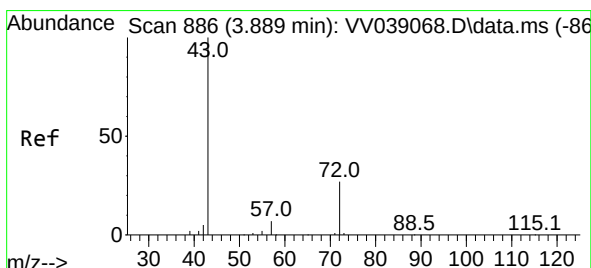
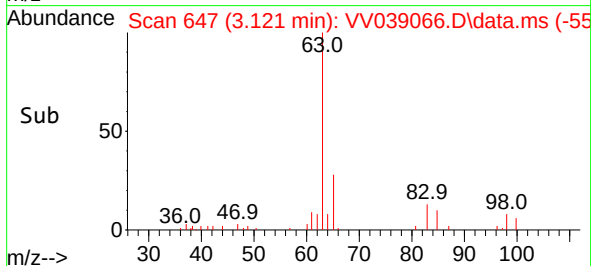
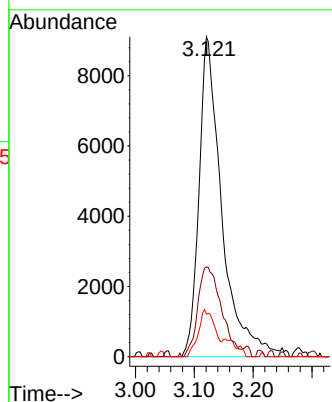
Tgt Ion: 63 Resp: 24470

Ion Ratio Lower Upper

63 100

65 28.1 21.5 39.9

83 13.3 9.2 17.2



#21

2-Butanone

Concen: 1.099 ug/L

RT: 3.966 min Scan# 910

Delta R.T. 0.077 min

Lab File: VV039066.D

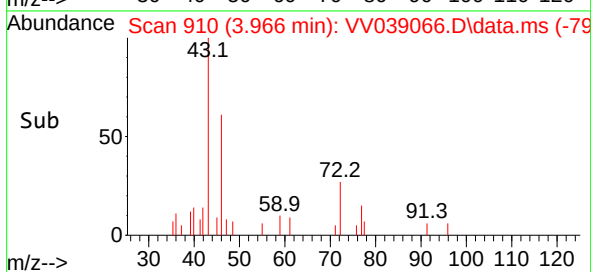
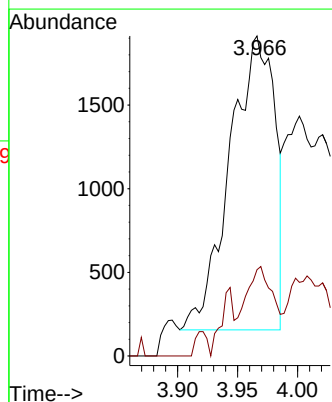
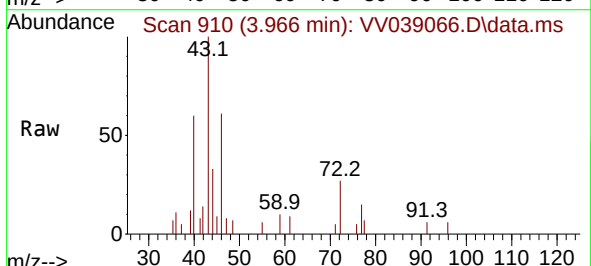
Acq: 15 Sep 2025 08:45

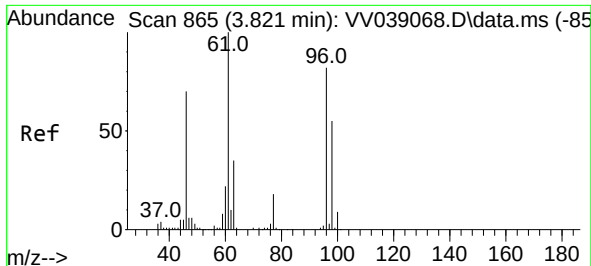
Tgt Ion: 43 Resp: 4581

Ion Ratio Lower Upper

43 100

72 13.7 12.0 36.0

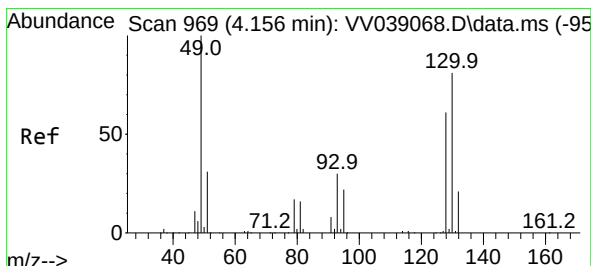
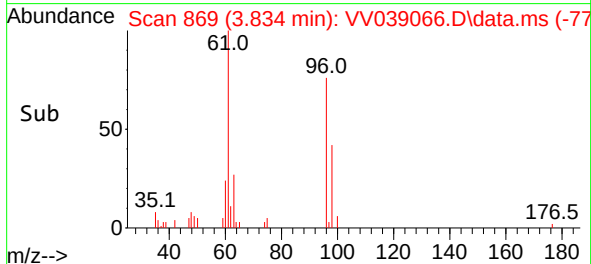
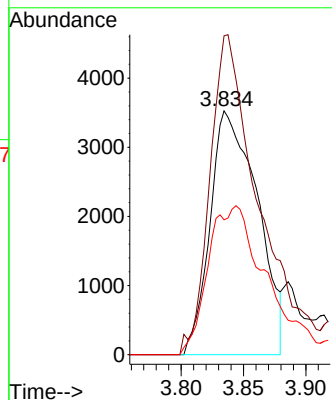
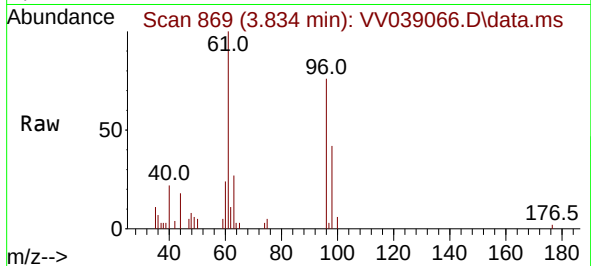




#22
 cis-1,2-Dichloroethene
 Concen: 0.311 ug/L
 RT: 3.834 min Scan# 80
 Delta R.T. 0.013 min
 Lab File: VV039066.D
 Acq: 15 Sep 2025 08:45

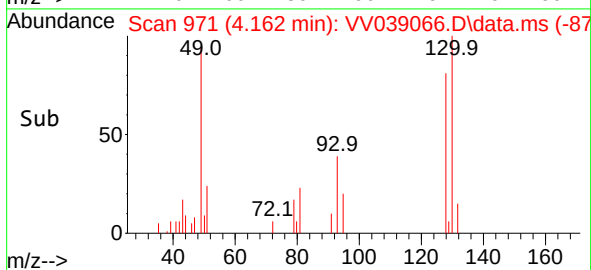
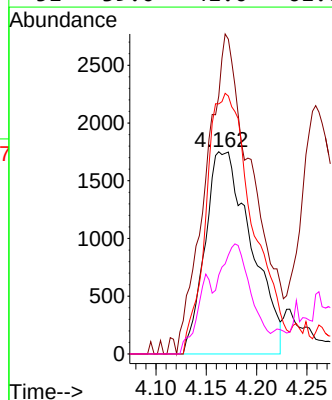
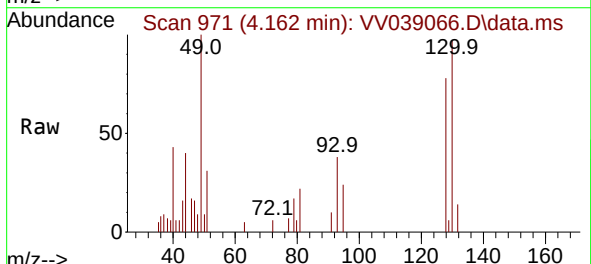
Instrument :
 MSVOA_V
 ClientSampleId :

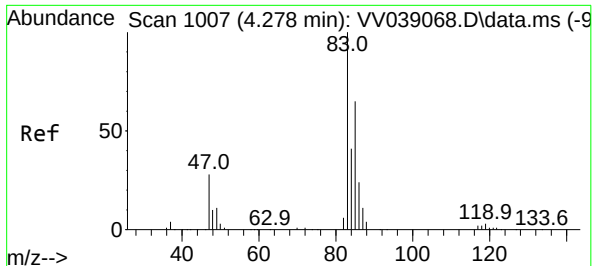
Tgt Ion: 96 Resp: 9320
 Ion Ratio Lower Upper
 96 100
 61 130.8 85.4 158.6
 98 55.3 46.6 86.6



#23
 Bromochloromethane
 Concen: 0.417 ug/L
 RT: 4.162 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VV039066.D
 Acq: 15 Sep 2025 08:45

Tgt Ion:128 Resp: 5594
 Ion Ratio Lower Upper
 128 100
 49 127.5 115.3 214.1
 130 123.7 93.2 173.0
 51 39.0 41.0 61.6#





#25

Chloroform

Concen: 0.428 ug/L

RT: 4.294 min Scan# 1012

Delta R.T. 0.016 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

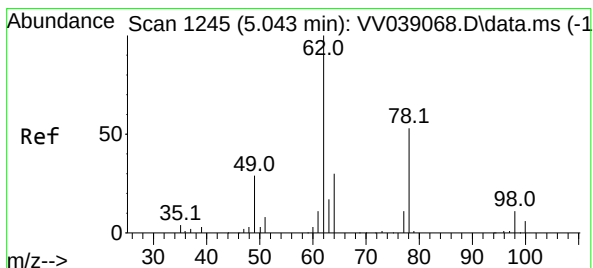
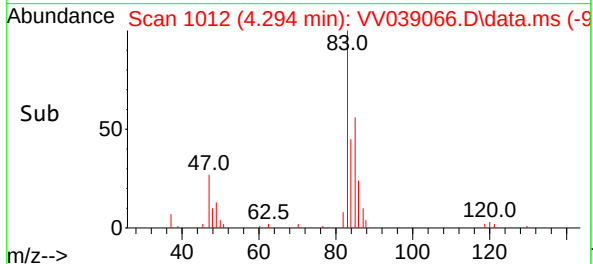
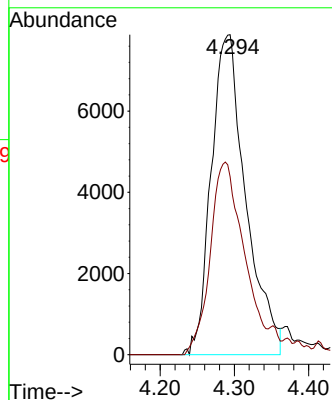
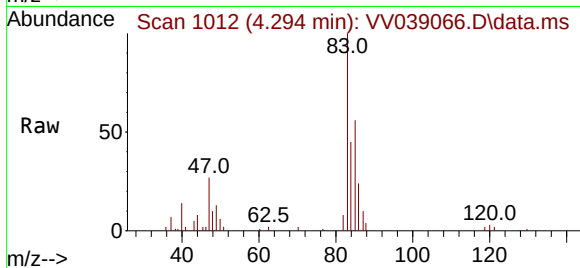
ClientSampleId :

Tgt Ion: 83 Resp: 25490

Ion Ratio Lower Upper

83 100

85 55.6 45.3 84.1



#27

1,2-Dichloroethane

Concen: 0.364 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.019 min

Lab File: VV039066.D

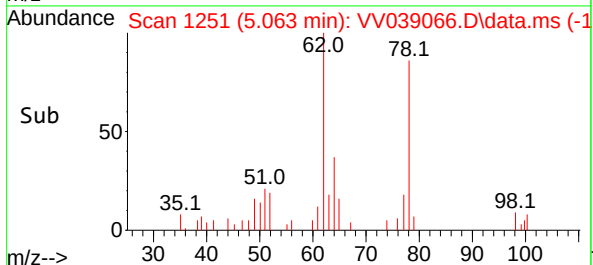
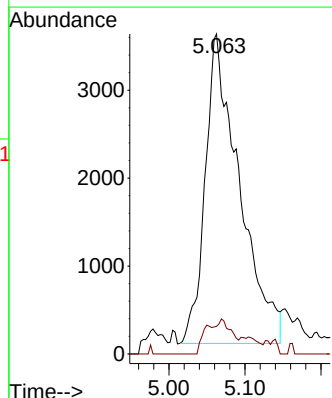
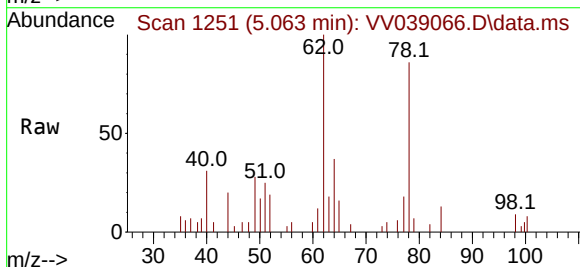
Acq: 15 Sep 2025 08:45

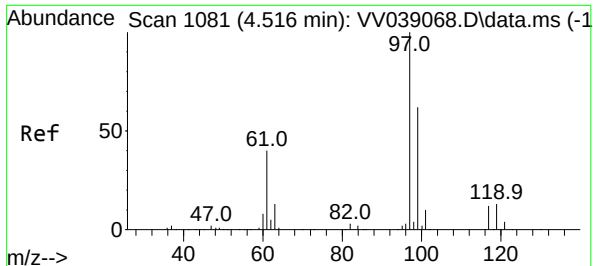
Tgt Ion: 62 Resp: 10953

Ion Ratio Lower Upper

62 100

98 8.6 8.6 12.8





#29

1,1,1-Trichloroethane

Concen: 0.403 ug/L

RT: 4.516 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV039066.D

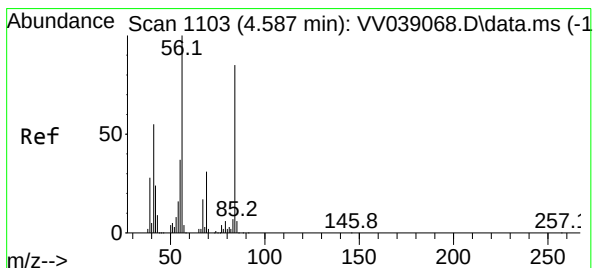
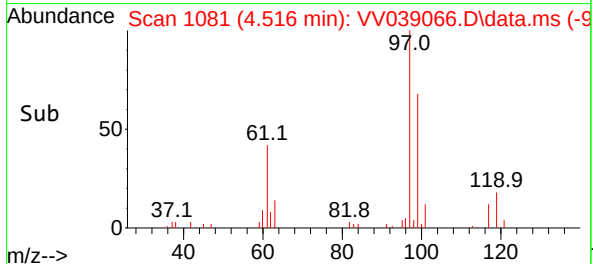
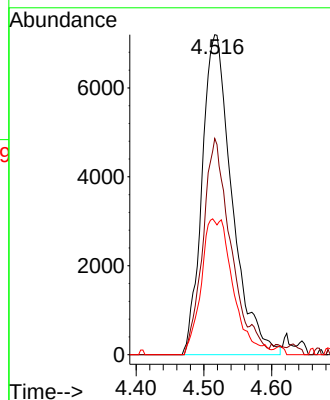
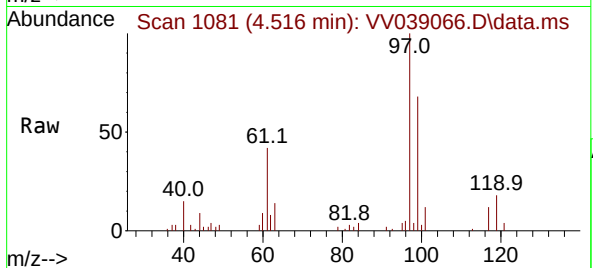
Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	22135
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.1	76.7
61	22.7	32.9	49.3#



#30

Cyclohexane

Concen: 0.303 ug/L

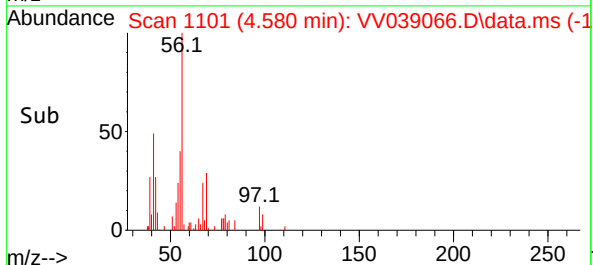
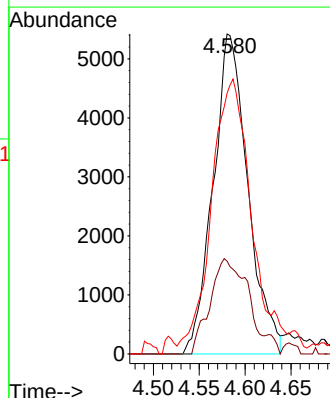
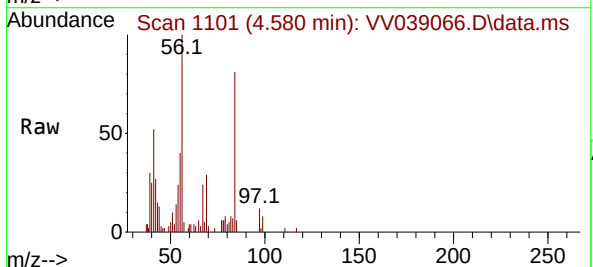
RT: 4.580 min Scan# 1101

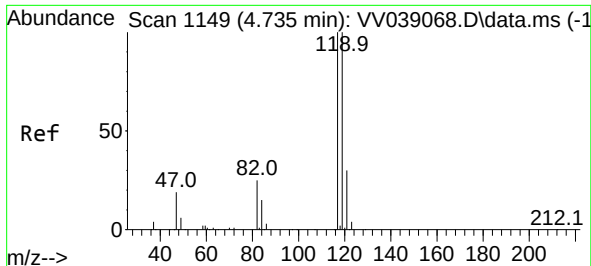
Delta R.T. -0.006 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Tgt Ion:	56	Resp:	14291
Ion	Ratio	Lower	Upper
56	100		
69	33.6	25.0	37.6
84	95.2	71.3	106.9

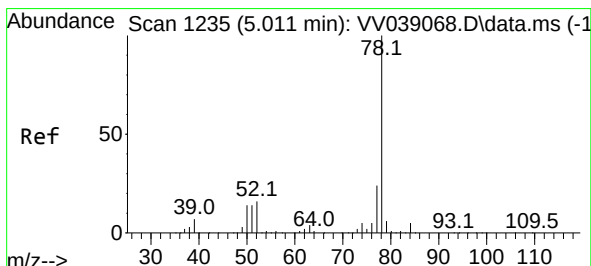
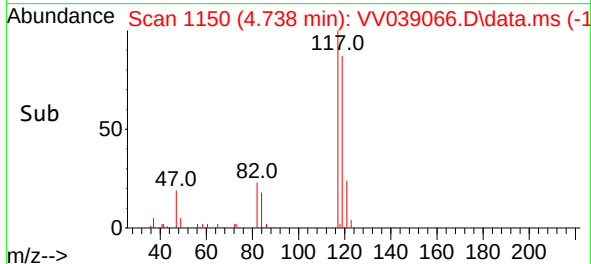
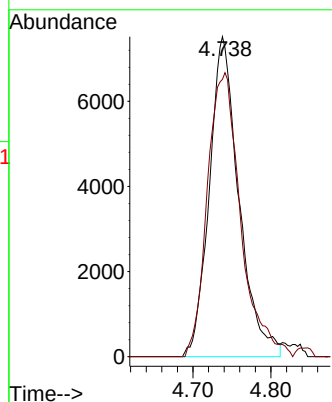
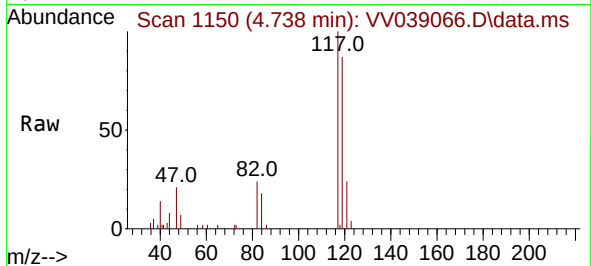




#31
Carbon tetrachloride
Concen: 0.417 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

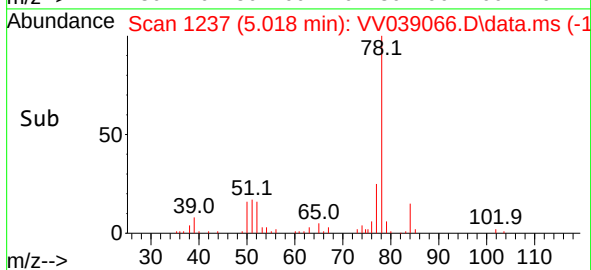
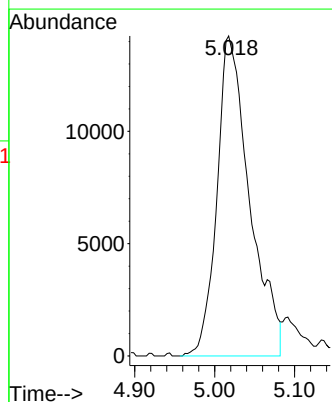
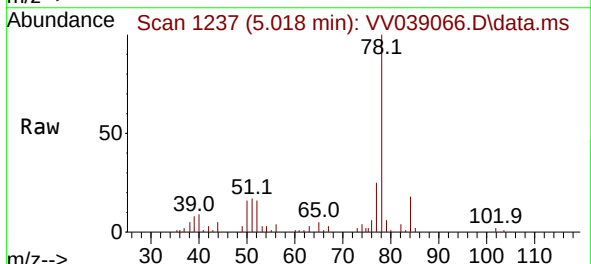
Instrument :
MSVOA_V
ClientSampleId :

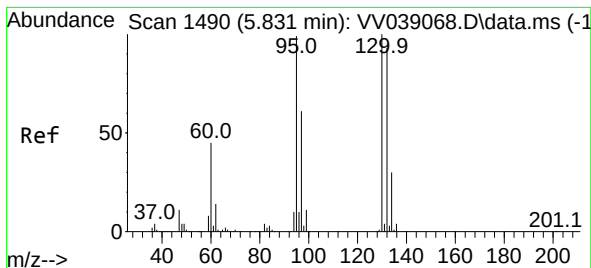
Tgt Ion:117 Resp: 19815
Ion Ratio Lower Upper
117 100
119 99.9 77.4 116.2



#33
Benzene
Concen: 0.333 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion: 78 Resp: 40405





#34

Trichloroethene

Concen: 0.368 ug/L

RT: 5.844 min Scan# 1490

Delta R.T. 0.013 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 12018

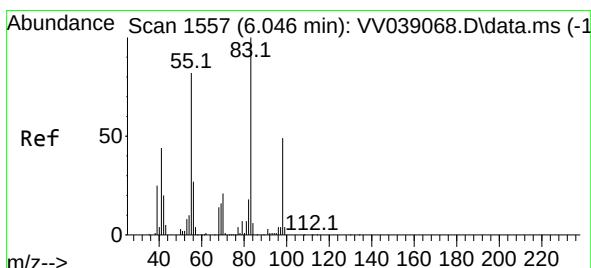
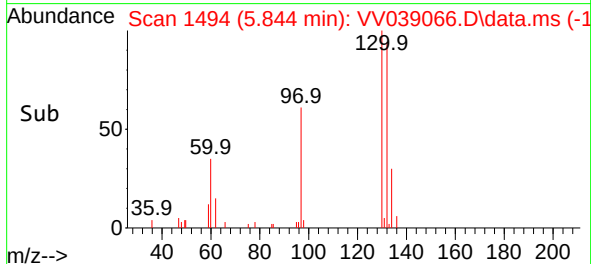
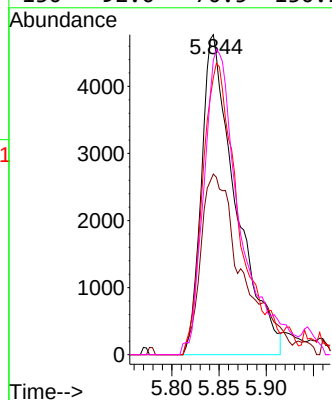
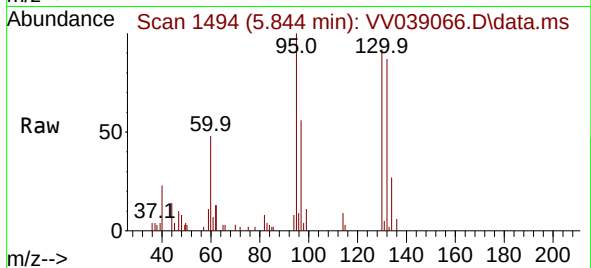
Ion Ratio Lower Upper

95 100

97 56.5 43.3 80.5

132 86.5 65.5 121.7

130 92.0 70.5 130.9



#35

Methylcyclohexane

Concen: 0.410 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

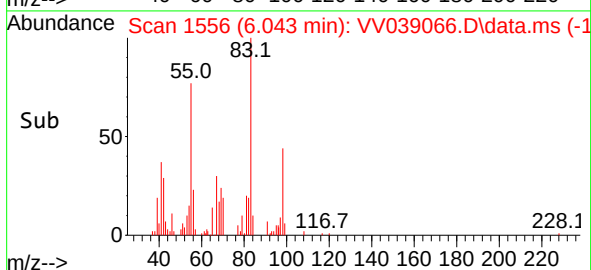
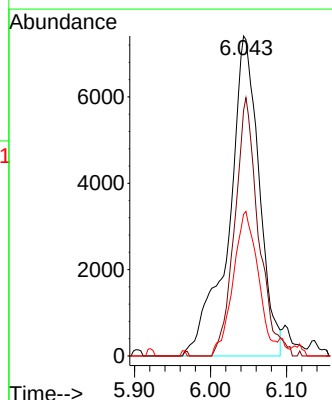
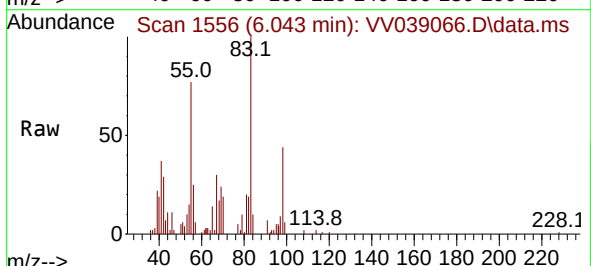
Tgt Ion: 83 Resp: 20550

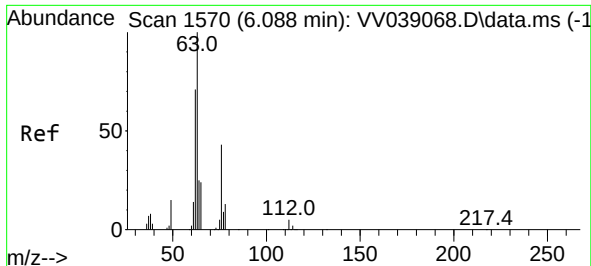
Ion Ratio Lower Upper

83 100

55 63.2 61.4 92.2

98 37.5 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.358 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

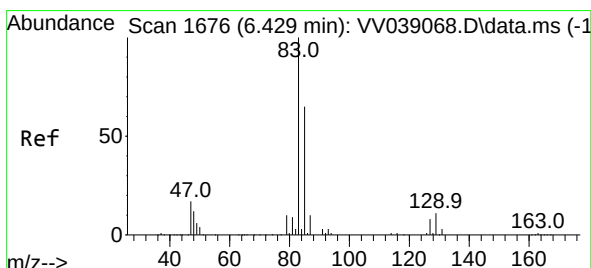
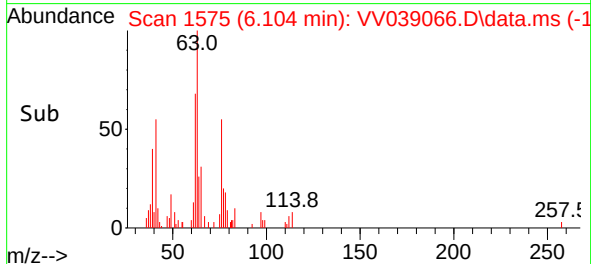
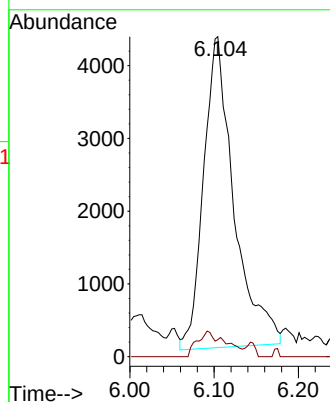
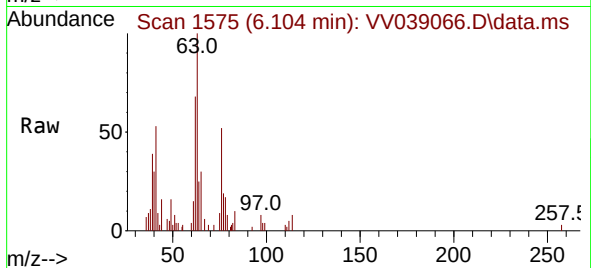
ClientSampleId :

Tgt Ion: 63 Resp: 10714

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 0.384 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.010 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

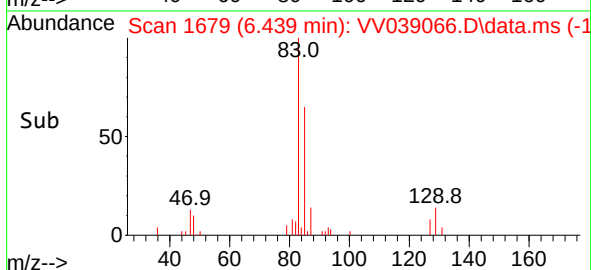
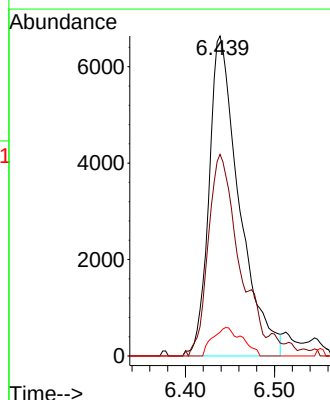
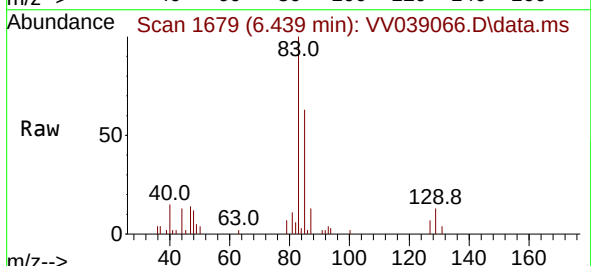
Tgt Ion: 83 Resp: 15630

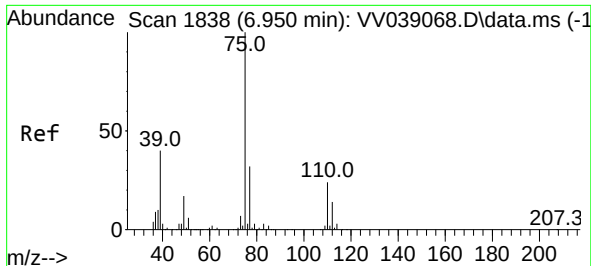
Ion Ratio Lower Upper

83 100

85 63.0 45.8 85.2

127 7.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.332 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

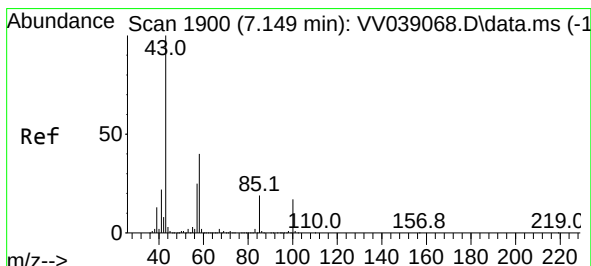
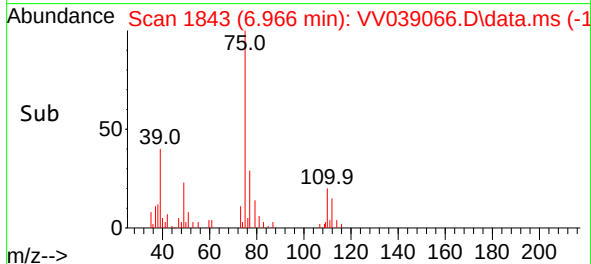
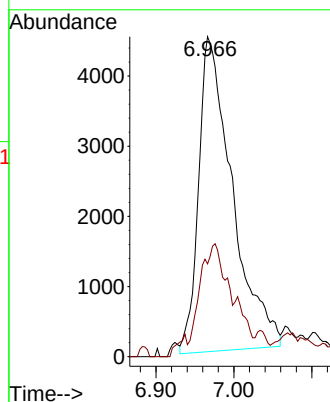
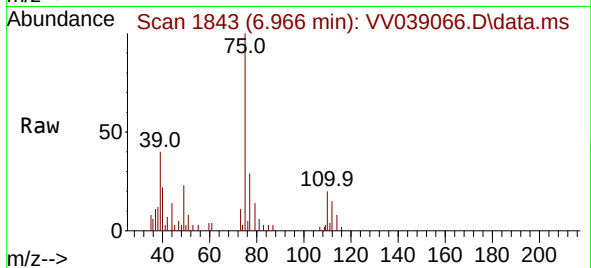
ClientSampleId :

Tgt Ion: 75 Resp: 13456

Ion Ratio Lower Upper

75 100

77 29.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 2.598 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.013 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

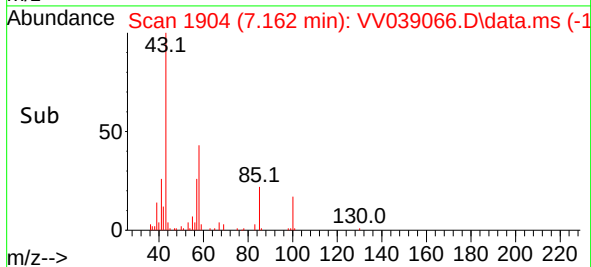
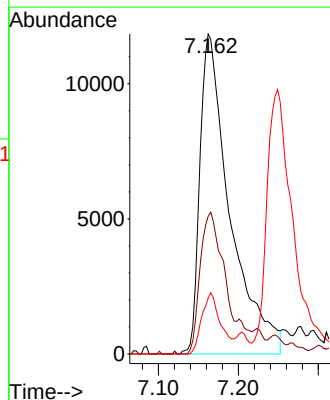
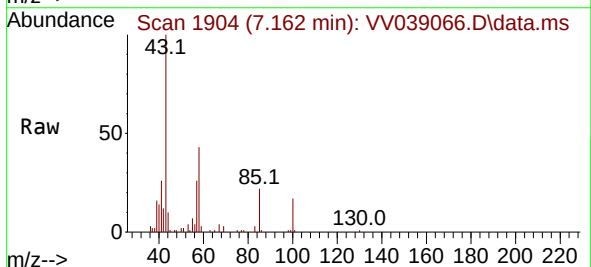
Tgt Ion: 43 Resp: 30910

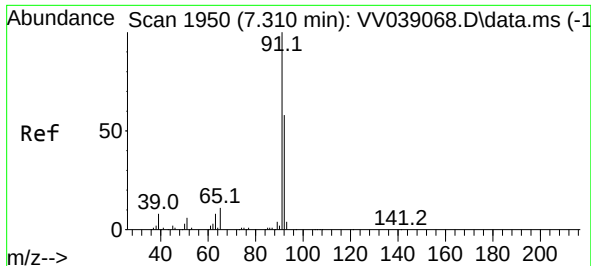
Ion Ratio Lower Upper

43 100

58 38.6 31.7 47.5

100 12.2 13.0 19.4





#42

Toluene

Concen: 0.305 ug/L

RT: 7.320 min Scan# 1950

Delta R.T. 0.010 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

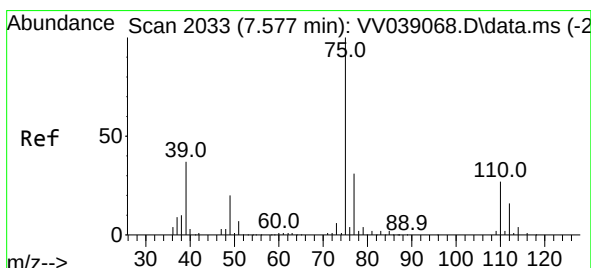
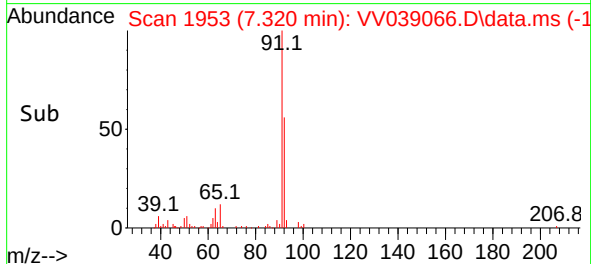
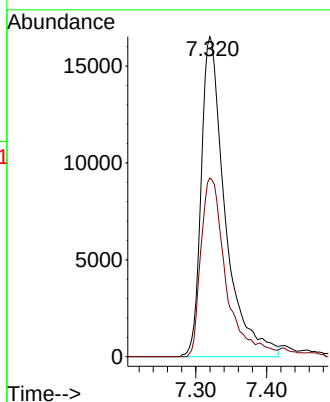
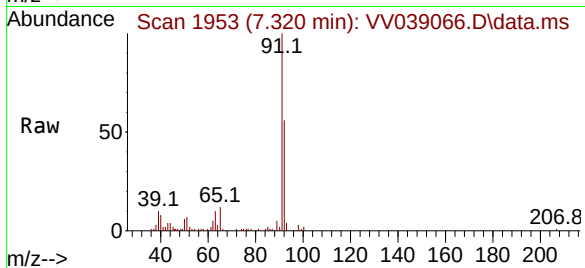
ClientSampleId :

Tgt Ion: 91 Resp: 38772

Ion Ratio Lower Upper

91 100

92 55.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 0.229 ug/L

RT: 7.606 min Scan# 2042

Delta R.T. 0.029 min

Lab File: VV039066.D

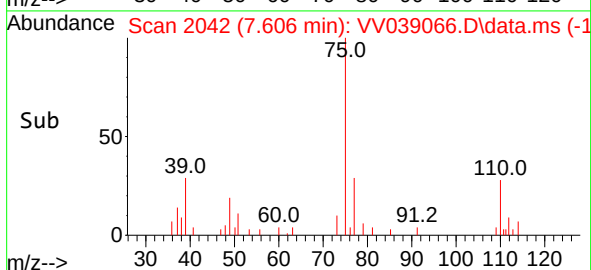
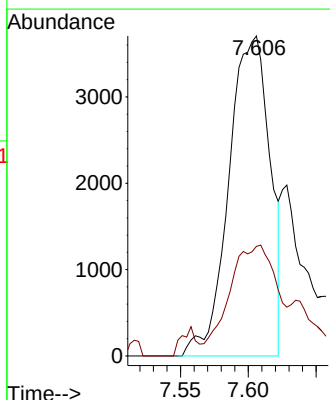
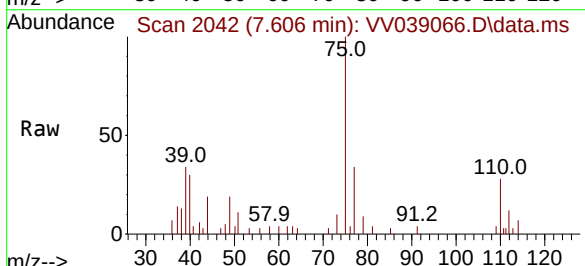
Acq: 15 Sep 2025 08:45

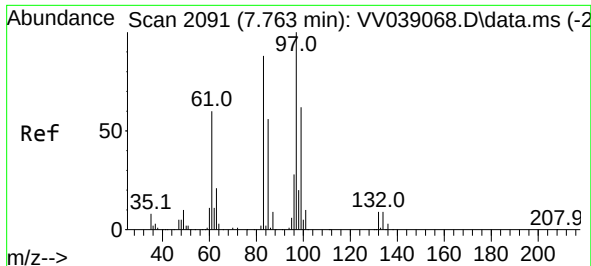
Tgt Ion: 75 Resp: 7811

Ion Ratio Lower Upper

75 100

77 34.2 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 0.402 ug/L

RT: 7.776 min Scan# 2091

Delta R.T. 0.013 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 8609

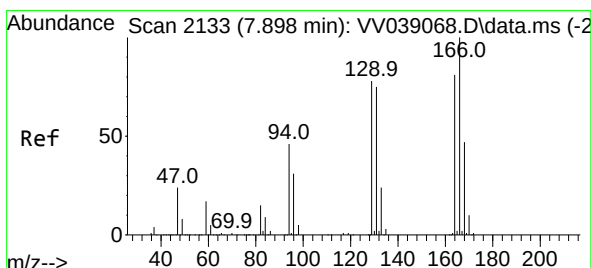
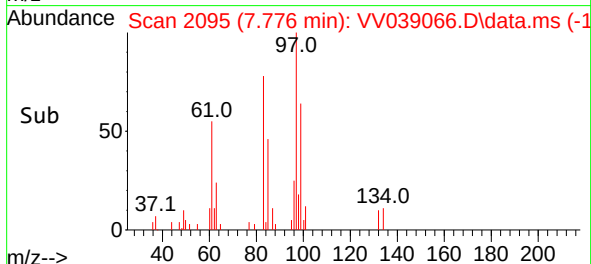
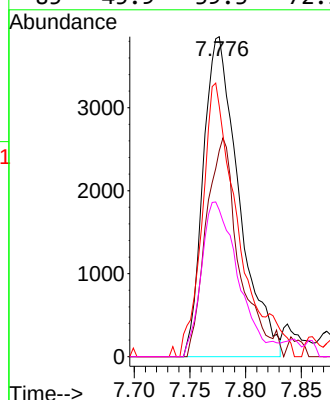
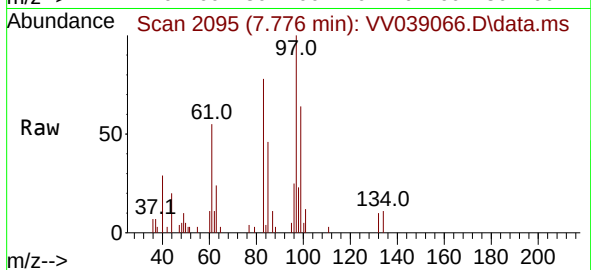
Ion Ratio Lower Upper

97 100

99 64.3 43.3 80.3

83 78.3 61.7 114.7

85 45.9 39.3 72.9



#47

Tetrachloroethene

Concen: 0.385 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Tgt Ion:164 Resp: 9716

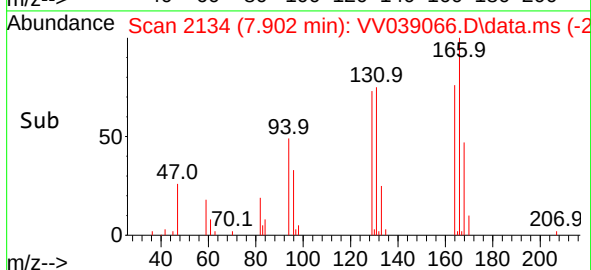
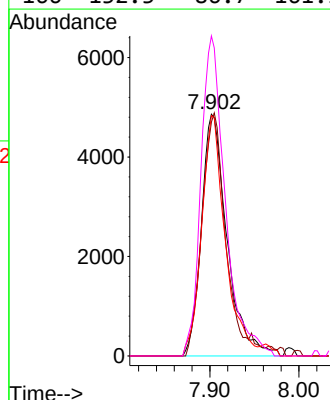
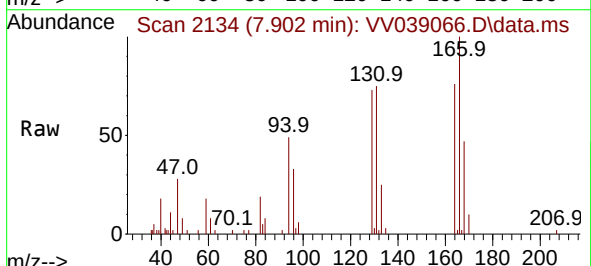
Ion Ratio Lower Upper

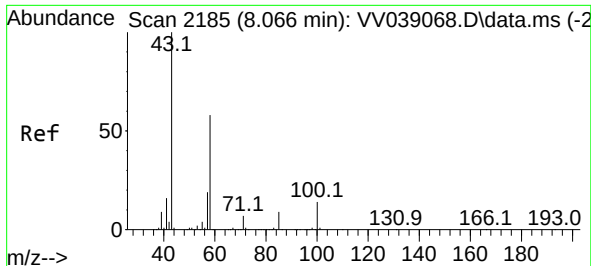
164 100

129 96.7 68.0 126.4

131 99.4 65.4 121.4

166 132.3 86.7 161.1

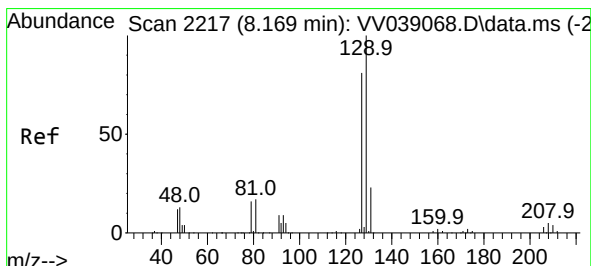
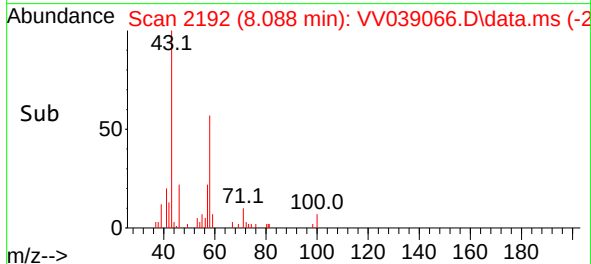
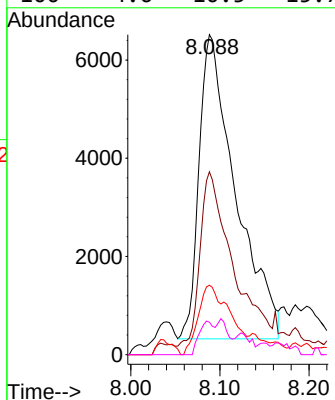
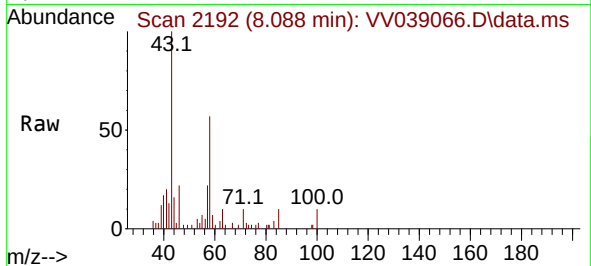




#48
2-Hexanone
Concen: 2.251 ug/L
RT: 8.088 min Scan# 2185
Delta R.T. 0.023 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

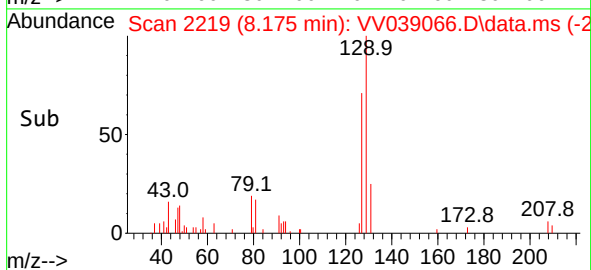
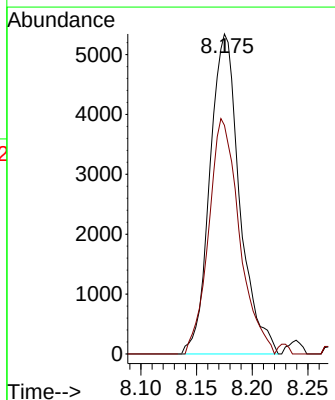
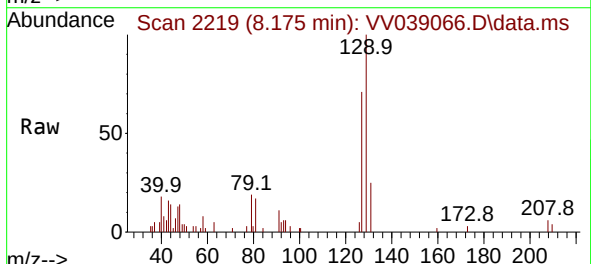
Instrument :
MSVOA_V
ClientSampleId :

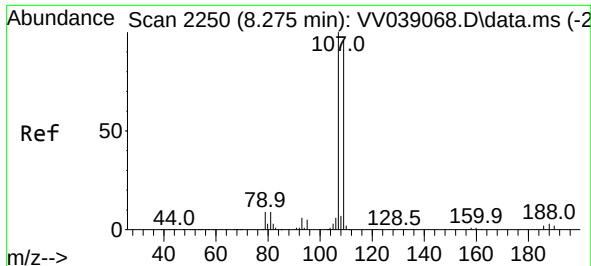
Tgt Ion: 43	Resp: 17665
Ion Ratio	Lower Upper
43 100	
58 52.4	45.6 68.4
57 19.8	15.6 23.4
100 4.6	10.5 15.7#



#49
Dibromochloromethane
Concen: 0.388 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.006 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion:129	Resp:	9958	
Ion	Ratio	Lower	Upper
129	100		
127	71.5	56.7	105.3





#50

1,2-Dibromoethane

Concen: 0.347 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV039066.D

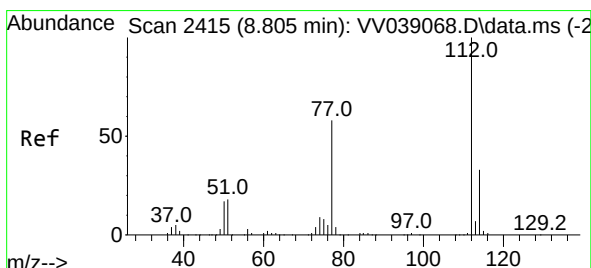
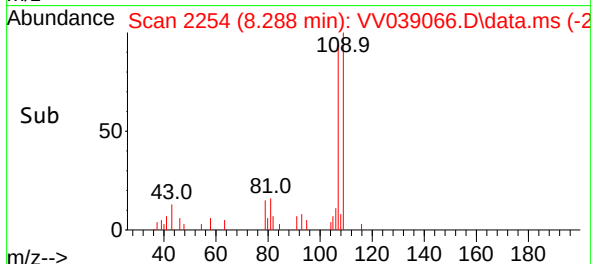
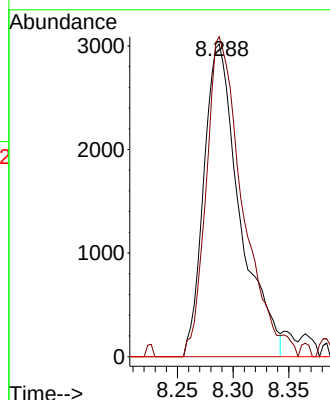
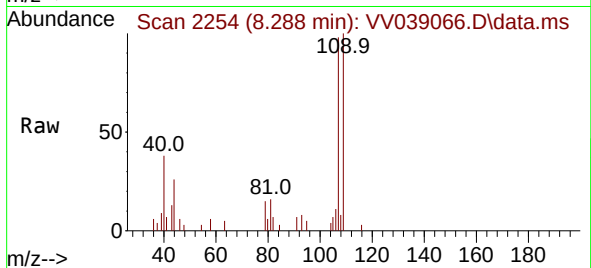
Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	6768
Ion	Ratio	Lower Upper
107	100	
109	102.4	67.1 124.7
188	0.0	2.5 3.7#



#51

Chlorobenzene

Concen: 0.368 ug/L

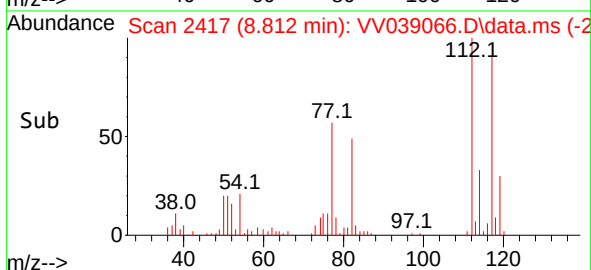
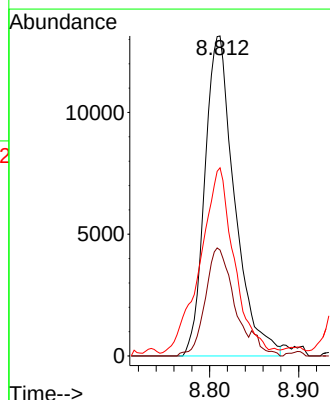
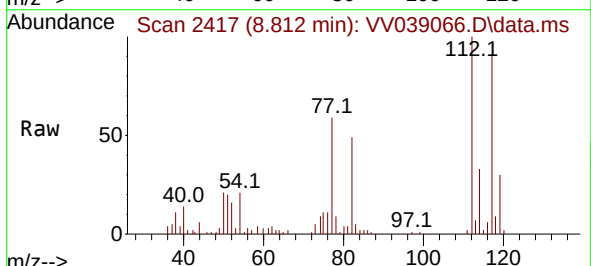
RT: 8.812 min Scan# 2417

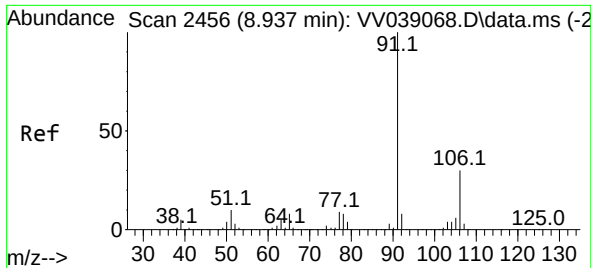
Delta R.T. 0.007 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Tgt Ion:112	Resp:	30495
Ion	Ratio	Lower Upper
112	100	
114	33.1	23.0 42.6
77	58.8	46.6 69.8

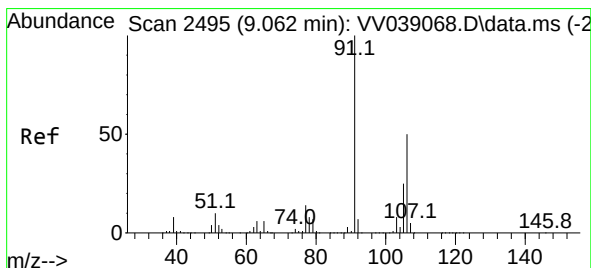
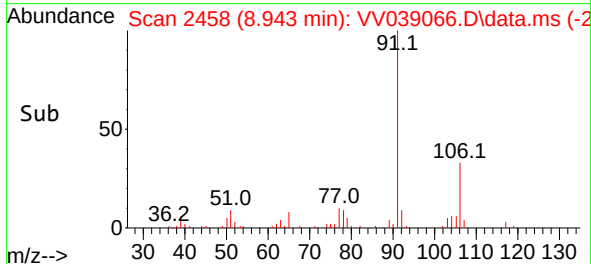
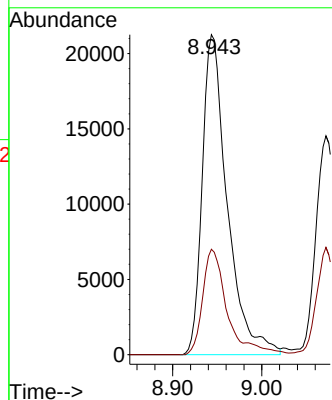
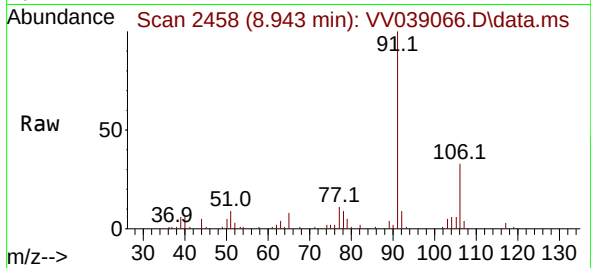




#52
Ethylbenzene
Concen: 0.315 ug/L
RT: 8.943 min Scan# 2456
Delta R.T. 0.006 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

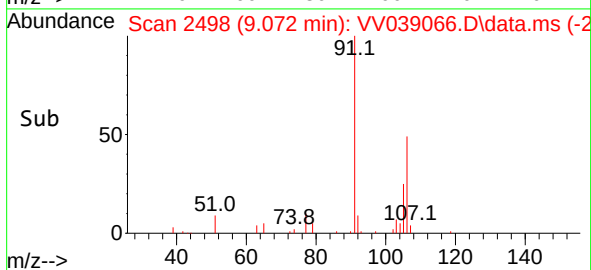
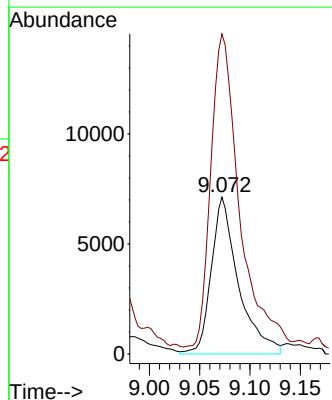
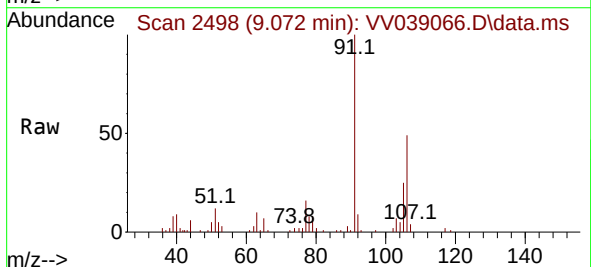
Instrument :
MSVOA_V
ClientSampleId :

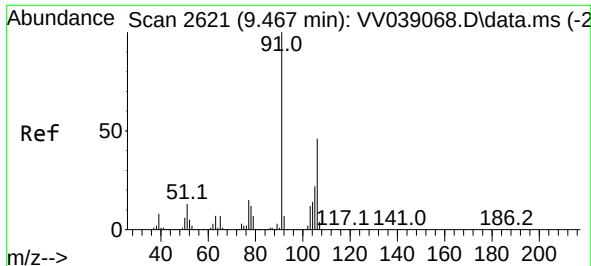
Tgt Ion: 91 Resp: 41520
Ion Ratio Lower Upper
91 100
106 32.9 20.8 38.6



#53
m,p-Xylene
Concen: 0.263 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.010 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion: 106 Resp: 13414
Ion Ratio Lower Upper
106 100
91 204.0 140.1 260.3

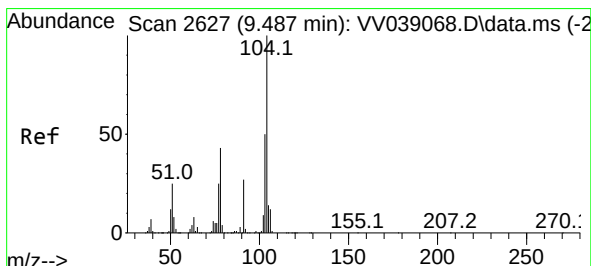
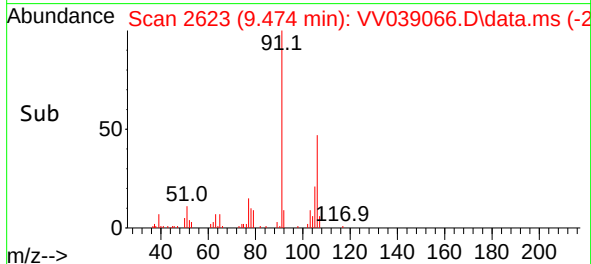
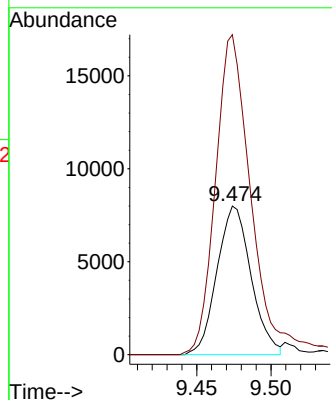
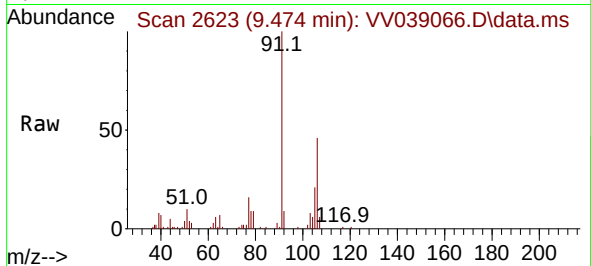




#54
o-Xylene
Concen: 0.276 ug/L
RT: 9.474 min Scan# 2621
Delta R.T. 0.007 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

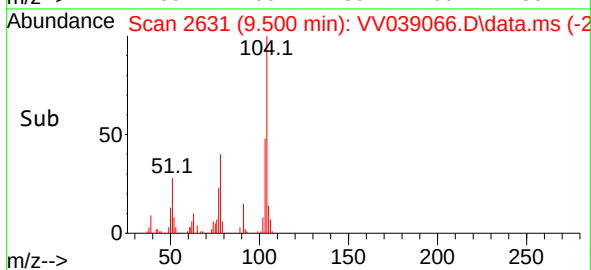
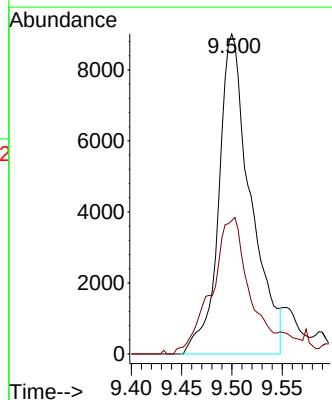
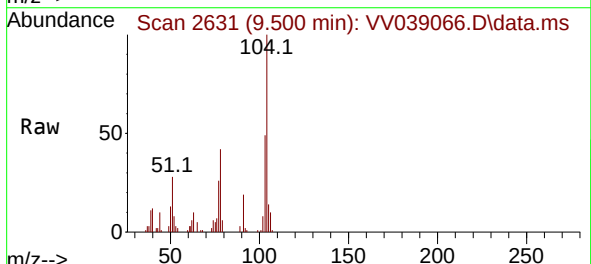
Instrument :
MSVOA_V
ClientSampleId :

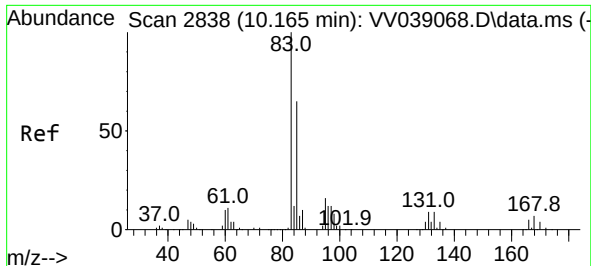
Tgt Ion:106 Resp: 12779
Ion Ratio Lower Upper
106 100
91 215.2 150.7 279.9



#55
Styrene
Concen: 0.247 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.013 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion:104 Resp: 19848
Ion Ratio Lower Upper
104 100
78 41.6 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.377 ug/L

RT: 10.172 min Scan# 2838

Delta R.T. 0.006 min

Lab File: VV039066.D

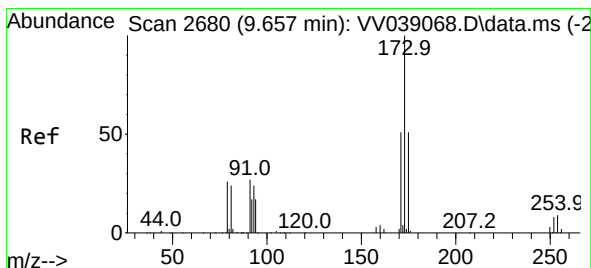
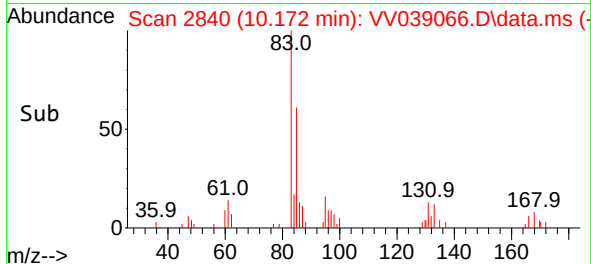
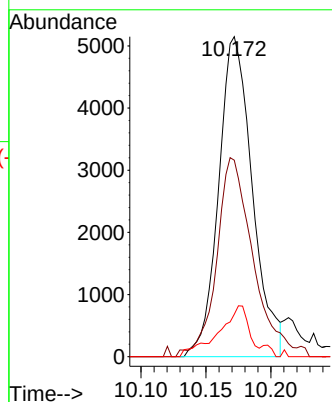
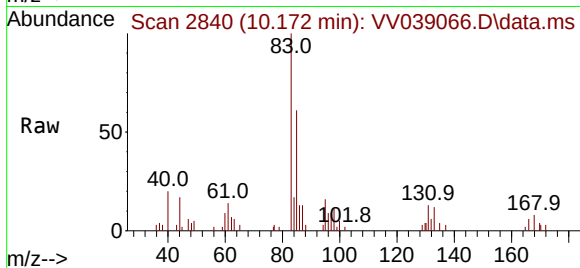
Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	9321
Ion	Ratio	Lower	Upper
83	100		
85	61.4	45.4	84.4
131	13.2	7.2	10.8



#59

Bromoform

Concen: 0.471 ug/L

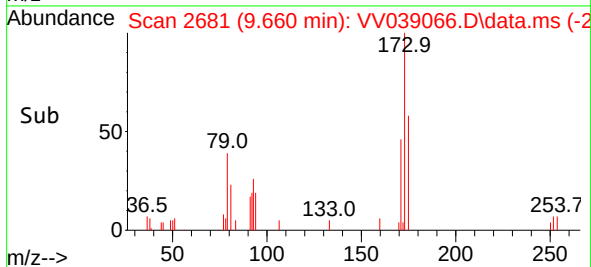
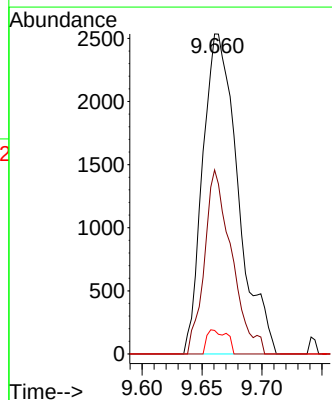
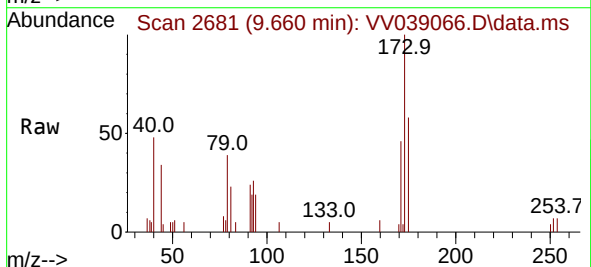
RT: 9.660 min Scan# 2681

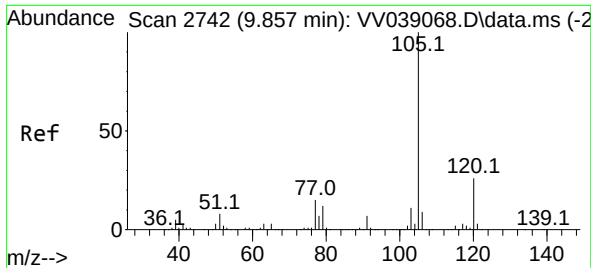
Delta R.T. 0.003 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

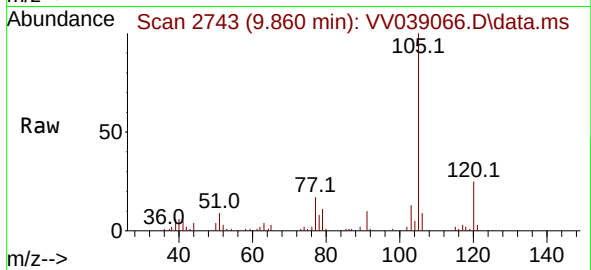
Tgt Ion:	173	Resp:	5188
Ion	Ratio	Lower	Upper
173	100		
175	44.3	38.8	58.2
254	4.2	6.8	10.2



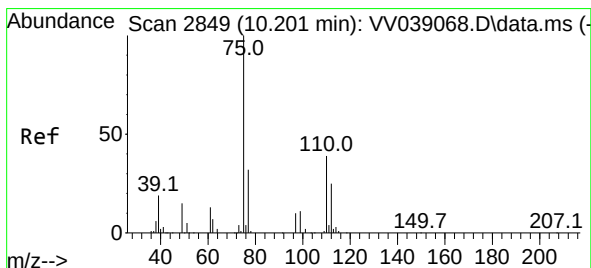
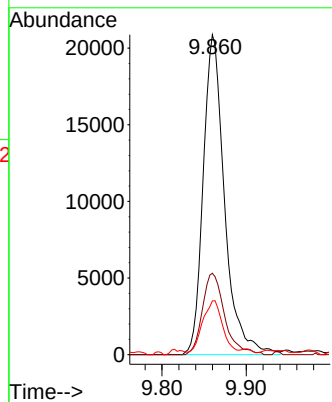
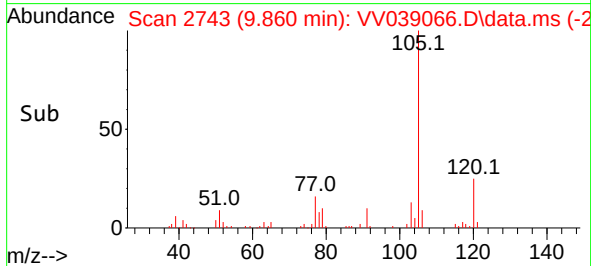


#60
Isopropylbenzene
Concen: 0.344 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

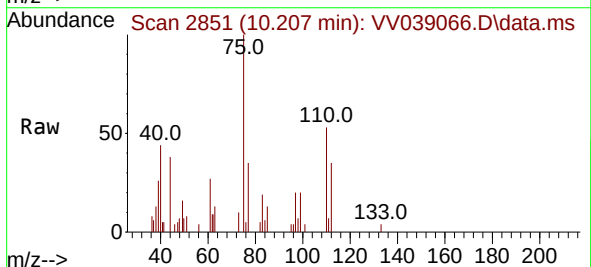
Instrument :
MSVOA_V
ClientSampleId :



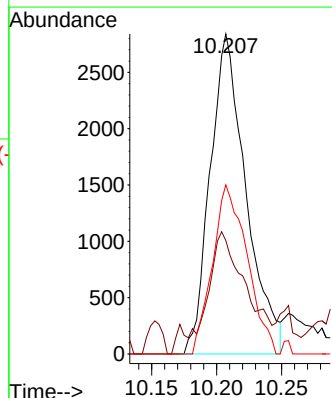
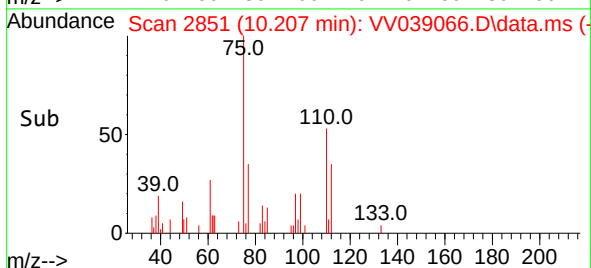
Tgt Ion:105 Resp: 36846
Ion Ratio Lower Upper
105 100
120 26.4 20.8 31.2
77 15.0 12.5 18.7

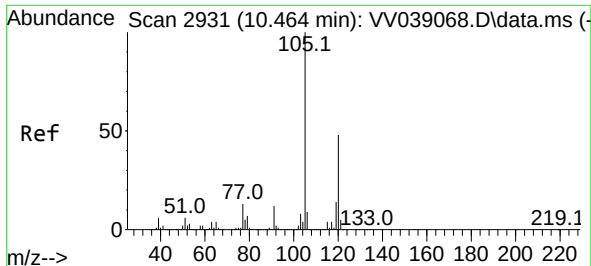


#61
1,2,3-Trichloropropane
Concen: 0.387 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.006 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45



Tgt Ion: 75 Resp: 5449
Ion Ratio Lower Upper
75 100
77 30.3 25.1 37.7
110 50.9 31.0 46.4#

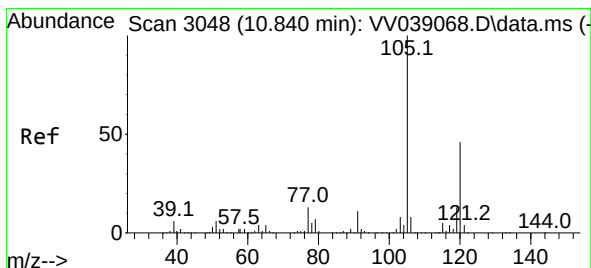
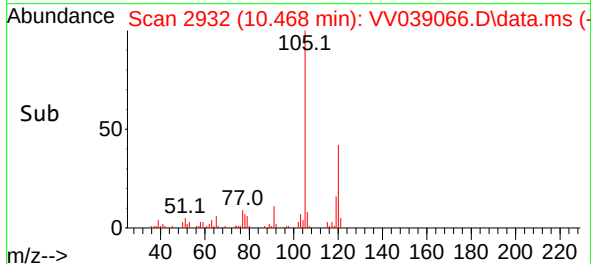
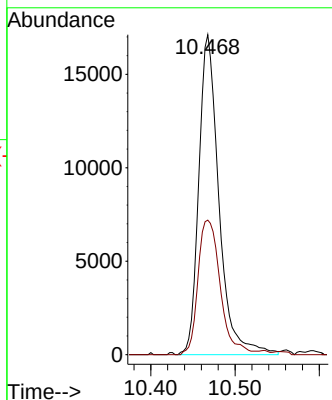
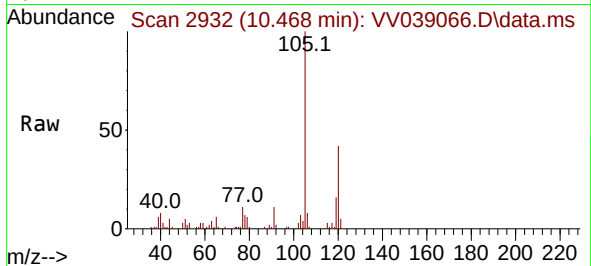




#62
 1,3,5-Trimethylbenzene
 Concen: 0.350 ug/L
 RT: 10.468 min Scan# 2931
 Delta R.T. 0.003 min
 Lab File: VV039066.D
 Acq: 15 Sep 2025 08:45

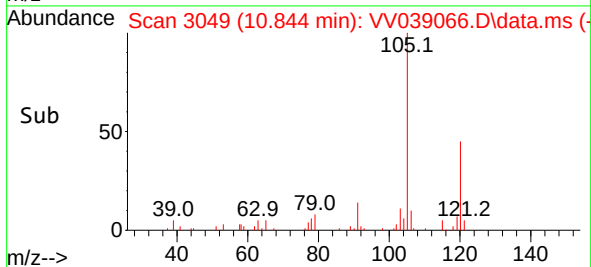
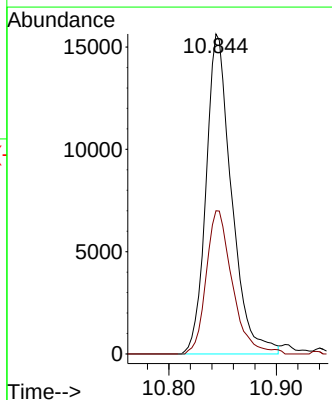
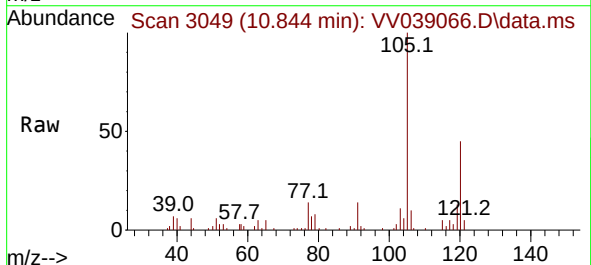
Instrument :
 MSVOA_V
 ClientSampleId :

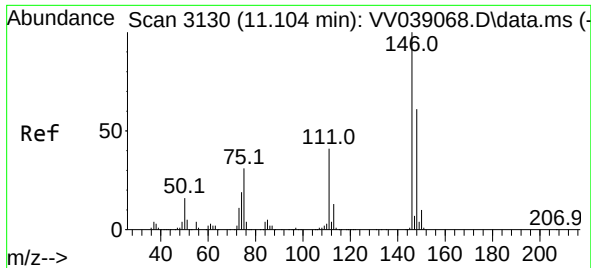
Tgt Ion:105 Resp: 28514
 Ion Ratio Lower Upper
 105 100
 120 46.4 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 0.327 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.003 min
 Lab File: VV039066.D
 Acq: 15 Sep 2025 08:45

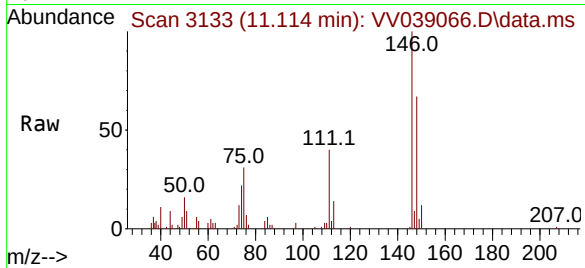
Tgt Ion:105 Resp: 25825
 Ion Ratio Lower Upper
 105 100
 120 45.8 36.6 54.8



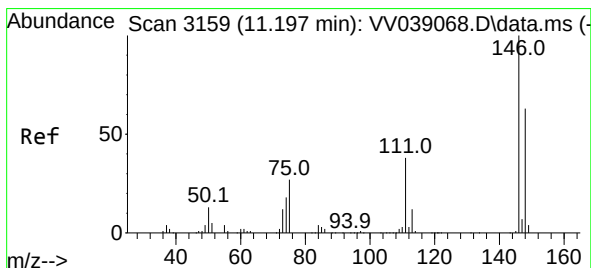
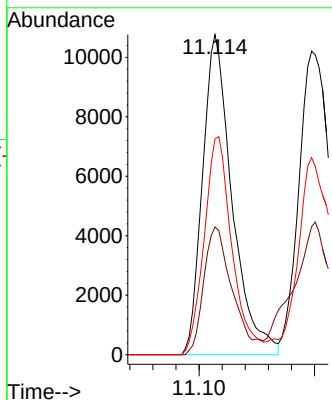
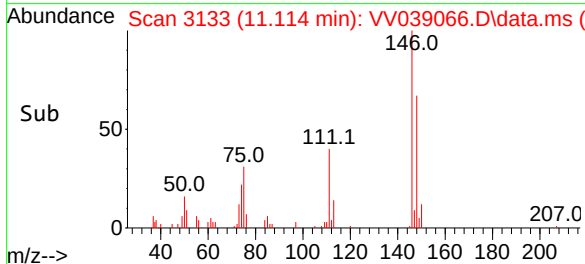


#64
1,3-Dichlorobenzene
Concen: 0.373 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Instrument :
MSVOA_V
ClientSampleId :

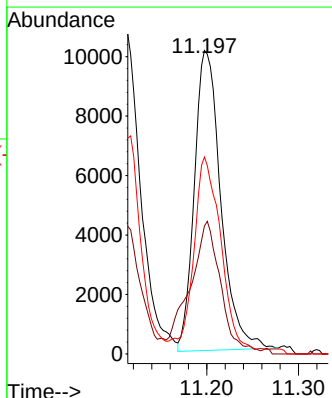
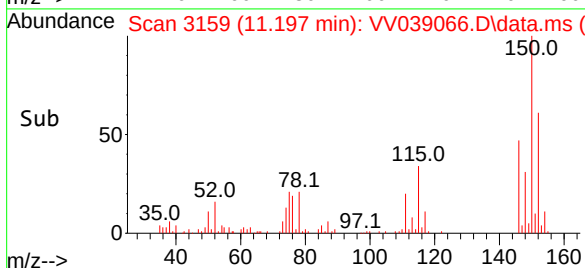
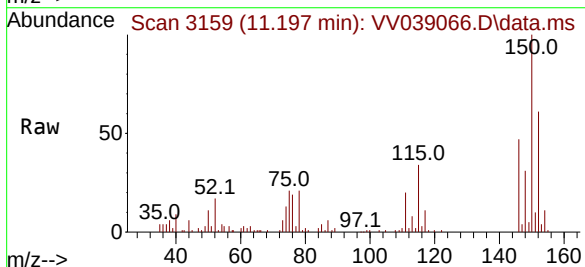


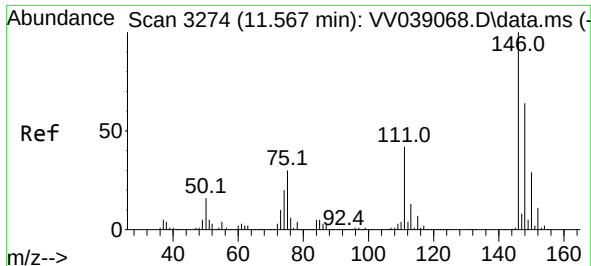
Tgt Ion:146 Resp: 19131
Ion Ratio Lower Upper
146 100
111 39.9 28.3 52.7
148 67.4 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 0.384 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. 0.000 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion:146 Resp: 20254
Ion Ratio Lower Upper
146 100
111 42.2 27.2 50.6
148 64.9 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 0.355 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

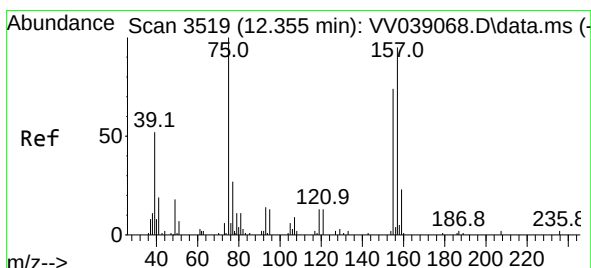
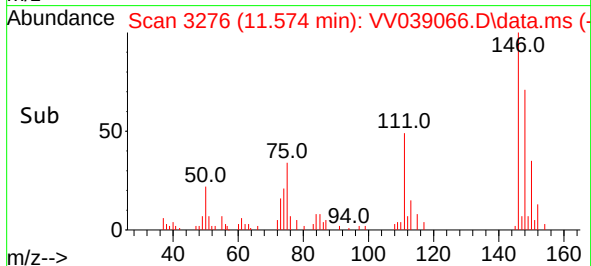
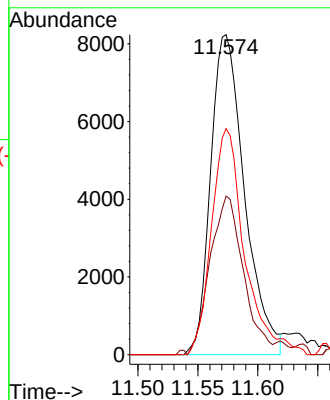
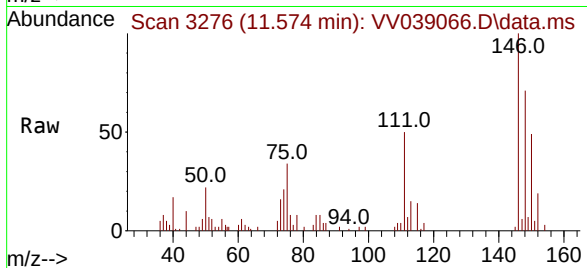
Tgt Ion:146 Resp: 16194

Ion Ratio Lower Upper

146 100

111 49.6 33.4 50.2

148 70.6 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.376 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.006 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

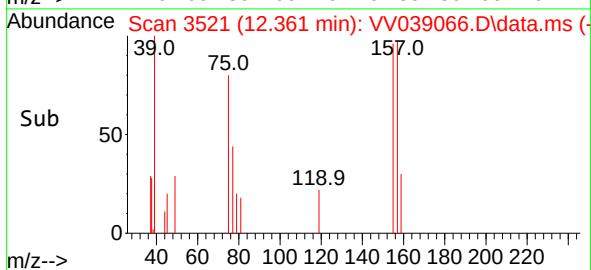
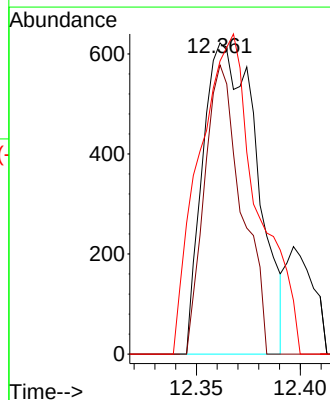
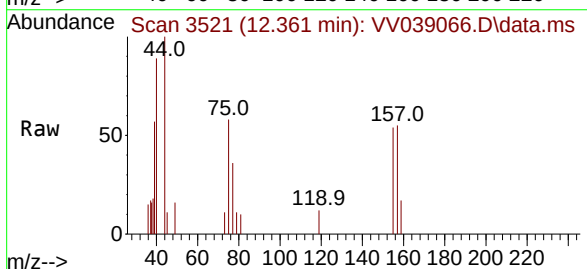
Tgt Ion: 75 Resp: 1122

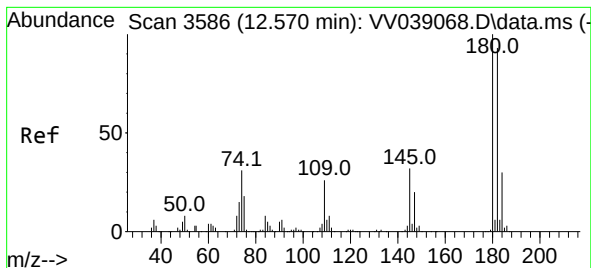
Ion Ratio Lower Upper

75 100

155 92.9 59.4 89.0#

157 94.2 76.2 114.2





#69

1,3,5-Trichlorobenzene

Concen: 0.429 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.006 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 13999

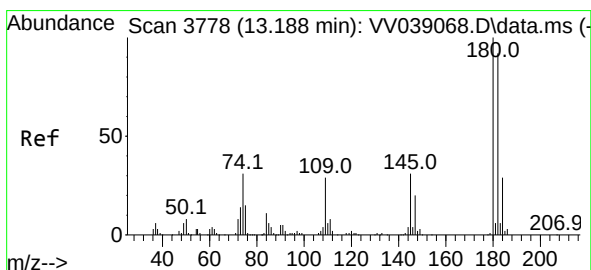
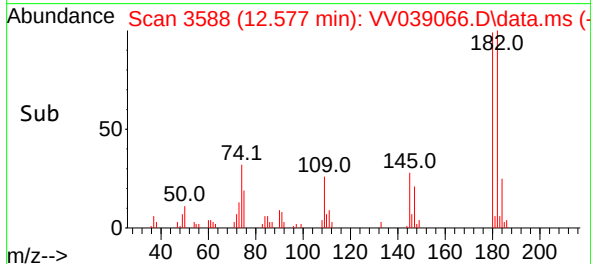
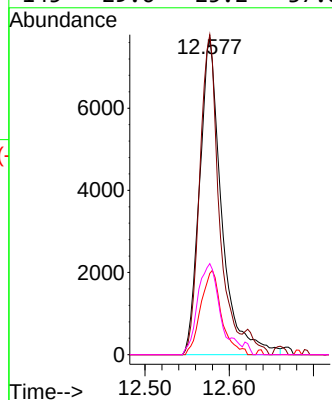
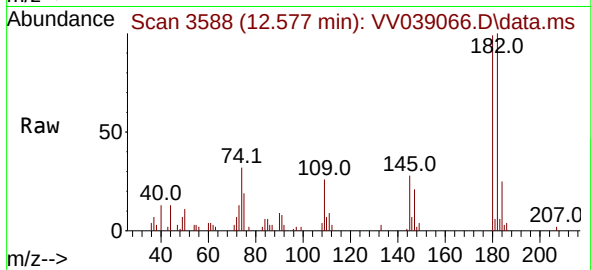
Ion Ratio Lower Upper

180 100

182 88.2 76.3 114.5

184 25.1 24.0 36.0

145 29.6 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 0.394 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.006 min

Lab File: VV039066.D

Acq: 15 Sep 2025 08:45

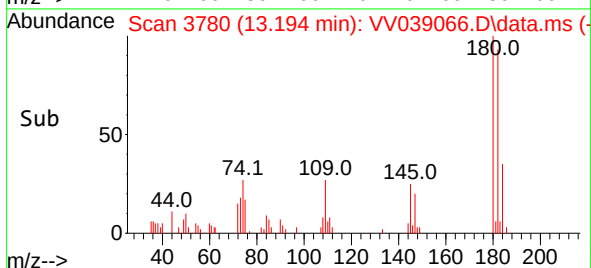
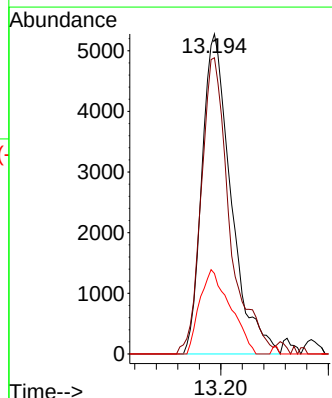
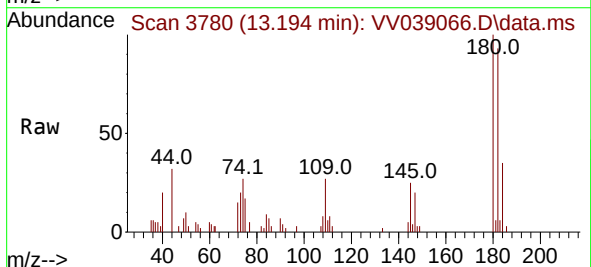
Tgt Ion:180 Resp: 9884

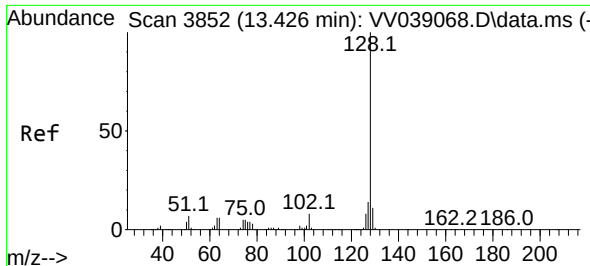
Ion Ratio Lower Upper

180 100

182 90.4 73.2 109.8

145 27.8 25.0 37.4

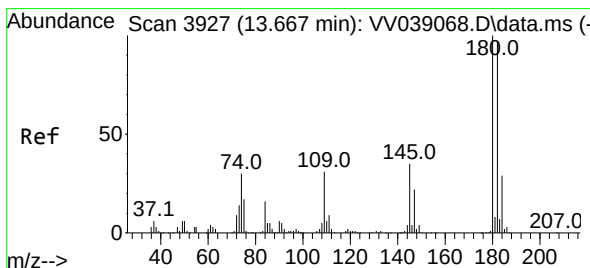
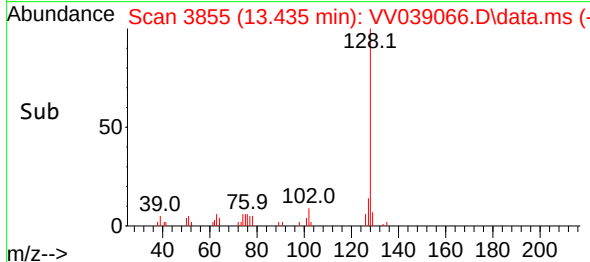
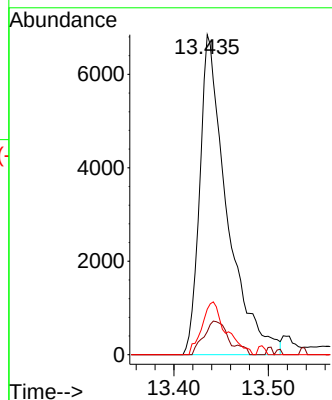
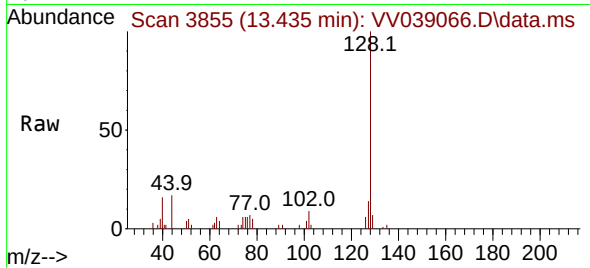




#71
Naphthalene
Concen: 0.351 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.010 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 13635
Ion Ratio Lower Upper
128 100
129 8.8 8.6 12.8
127 14.6 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 0.390 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. 0.003 min
Lab File: VV039066.D
Acq: 15 Sep 2025 08:45

Tgt Ion:180 Resp: 8729
Ion Ratio Lower Upper
180 100
182 84.0 76.6 115.0
145 30.5 27.4 41.2

