

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111725\
 Data File : VV039387.D
 Acq On : 17 Nov 2025 12:30
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050233

Quant Time: Nov 18 01:02:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 18 01:01:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	1141553	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	1146549	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	680957	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	566048	56.762	ug/L	0.00
7) Chloroethane-d5	1.545	69	417652	47.751	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.072	65	230050	48.510	ug/L	0.00
21) 2-Butanone-d5	3.783	46	587067	82.986	ug/L	0.00
24) Chloroform-d	4.249	84	939729	46.600	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	574705	48.788	ug/L	0.00
32) Benzene-d6	4.956	84	1814951	50.240	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	545691	46.013	ug/L	0.00
41) Toluene-d8	7.233	98	1706705	53.078	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.542	79	276059	52.331	ug/L	0.00
47) 2-Hexanone-d5	8.011	63	430432	90.424	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.136	84	792543	45.176	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.545	152	666135	49.742	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	394532	31.474	ug/L	100
3) Chloromethane	1.230	50	418859	32.770	ug/L	100
5) Vinyl chloride	1.297	62	473400	35.545	ug/L	100
6) Bromomethane	1.500	94	256821	38.335	ug/L	100
8) Chloroethane	1.561	64	310774	38.315	ug/L	100
9) Trichlorofluoromethane	1.725	101	766655	42.210	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.082	101	466468	43.028	ug/L	100
12) 1,1-Dichloroethene	2.082	96	402855	41.594	ug/L	100
13) Acetone	2.117	43	703921	130.396	ug/L	100
14) Carbon disulfide	2.252	76	1136501	39.017	ug/L	100
15) Methyl Acetate	2.378	43	517954	40.449	ug/L	100
16) Methylene chloride	2.455	84	466206	41.517	ug/L	100
17) trans-1,2-Dichloroethene	2.703	96	435301	44.519	ug/L	100
18) Methyl tert-butyl Ether	2.709	73	1350991	45.811	ug/L	100
19) 1,1-Dichloroethane	3.117	63	838690	41.631	ug/L	100
20) cis-1,2-Dichloroethene	3.818	96	475793	45.375	ug/L	100
22) 2-Butanone	3.860	43	754133	97.336	ug/L	100
23) Bromochloromethane	4.146	128	271856	47.854	ug/L	100
25) Chloroform	4.275	83	900352	44.759	ug/L	100
27) 1,2-Dichloroethane	5.037	62	686134	45.232	ug/L	100
29) Cyclohexane	4.584	56	707119	44.540	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	789089	46.866	ug/L	100
31) Carbon tetrachloride	4.735	117	726061	49.056	ug/L	100
33) Benzene	5.005	78	1832093	46.129	ug/L	100
34) Trichloroethene	5.828	95	483414	45.671	ug/L	100
35) Methylcyclohexane	6.043	83	735371	44.972	ug/L	100
37) 1,2-Dichloropropane	6.085	63	504360	44.200	ug/L	100
38) Bromodichloromethane	6.426	83	691529	46.088	ug/L	100
39) cis-1,3-Dichloropropene	6.944	75	794287	48.202	ug/L	100
40) 4-Methyl-2-pentanone	7.143	43	1382633	90.488	ug/L	100
42) Toluene	7.304	91	2004374	48.698	ug/L	100
44) trans-1,3-Dichloropropene	7.571	75	778934	48.740	ug/L	100

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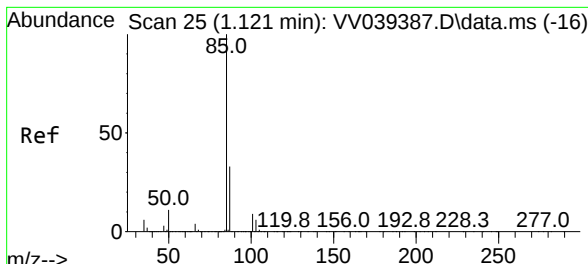
Quant Time: Nov 18 01:02:49 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.757	97	514899	45.492	ug/L	100
46) Tetrachloroethene	7.895	164	440726	54.289	ug/L	100
48) 2-Hexanone	8.059	43	1123415	99.070	ug/L	100
49) Dibromochloromethane	8.165	129	580990	49.642	ug/L	100
50) 1,2-Dibromoethane	8.268	107	547942	46.999	ug/L	100
51) Chlorobenzene	8.802	112	1329448	47.425	ug/L	100
52) Ethylbenzene	8.934	91	2163850	48.674	ug/L	100
53) m,p-Xylene	9.059	106	850241	51.834	ug/L	100
54) o-Xylene	9.464	106	798306	50.314	ug/L	100
55) Styrene	9.484	104	1482080	53.657	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.162	83	825161	44.530	ug/L	100
59) Bromoform	9.651	173	495363	50.809	ug/L	100
60) Isopropylbenzene	9.853	105	2170040	45.671	ug/L	100
61) 1,2,3-Trichloropropane	10.194	75	637597	39.468	ug/L	100
62) 1,3,5-Trimethylbenzene	10.464	105	1731314	46.710	ug/L	100
63) 1,2,4-Trimethylbenzene	10.837	105	1721387	47.191	ug/L	100
64) 1,3-Dichlorobenzene	11.104	146	1135743	48.813	ug/L	100
65) 1,4-Dichlorobenzene	11.194	146	1188099	47.491	ug/L	100
67) 1,2-Dichlorobenzene	11.564	146	1128347	48.013	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.348	75	176573	38.301	ug/L	100
69) 1,3,5-Trichlorobenzene	12.567	180	802732	51.164	ug/L	100
70) 1,2,4-trichlorobenzene	13.184	180	701142	52.248	ug/L	100
71) Naphthalene	13.422	128	2121079	46.536	ug/L	100
72) 1,2,3-Trichlorobenzene	13.664	180	756230	54.010	ug/L	100

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

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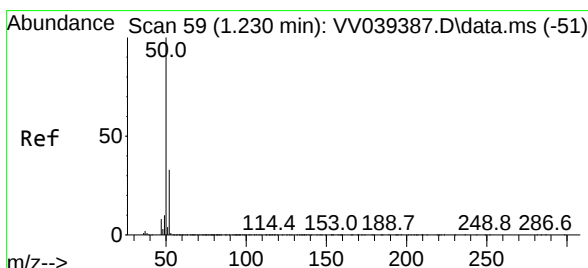
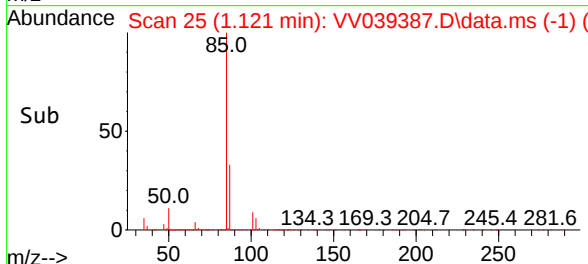
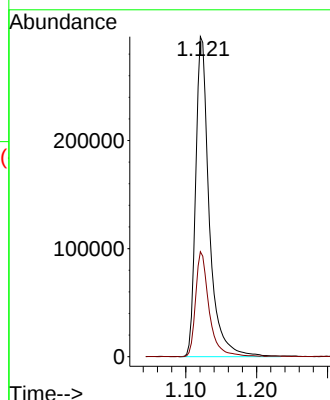
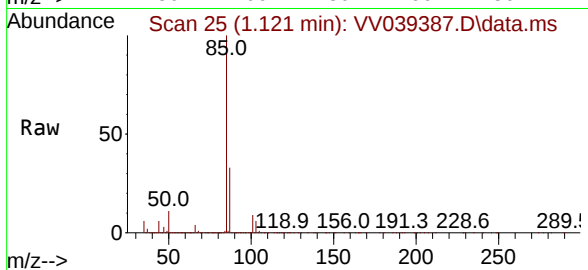




#2
 Dichlorodifluoromethane
 Concen: 31.474 ug/L
 RT: 1.121 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: VV039387.D
 Acq: 17 Nov 2025 12:30

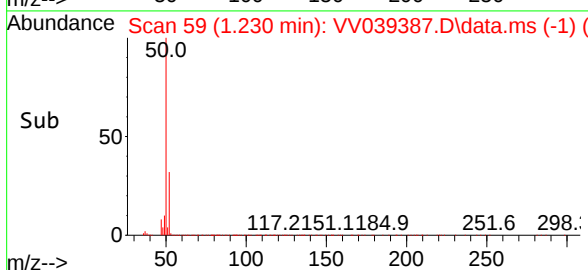
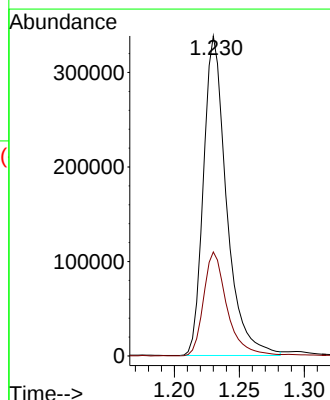
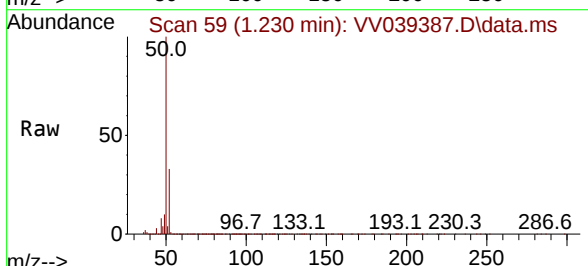
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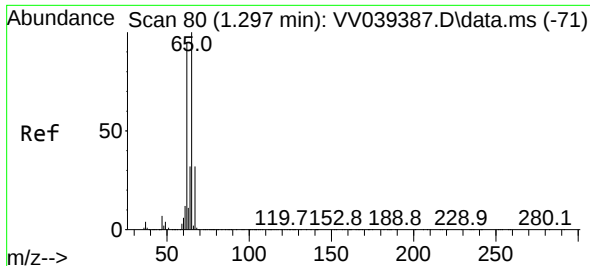
Tgt Ion: 85 Resp: 394532
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 32.770 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VV039387.D
 Acq: 17 Nov 2025 12:30

Tgt Ion: 50 Resp: 418859
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.7 42.3

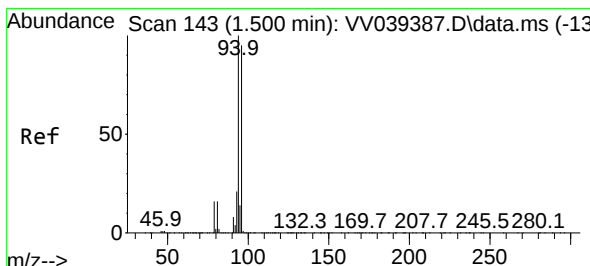
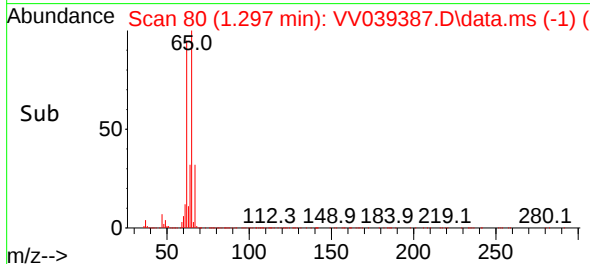
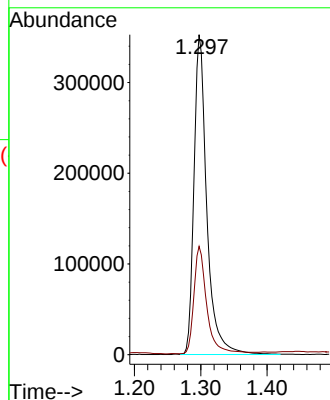
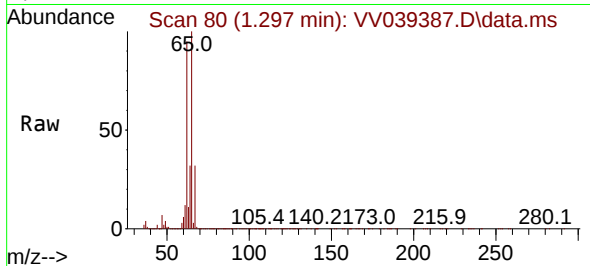




#5
 Vinyl chloride
 Concen: 35.545 ug/L
 RT: 1.297 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV039387.D
 Acq: 17 Nov 2025 12:30

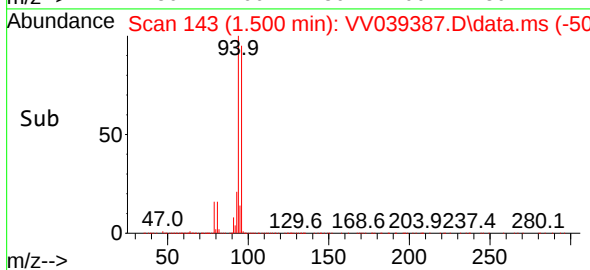
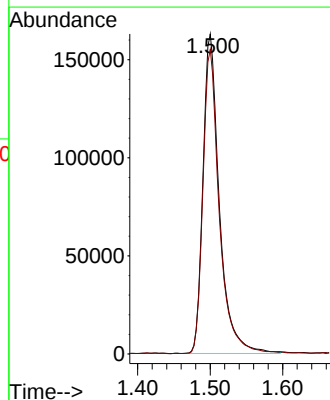
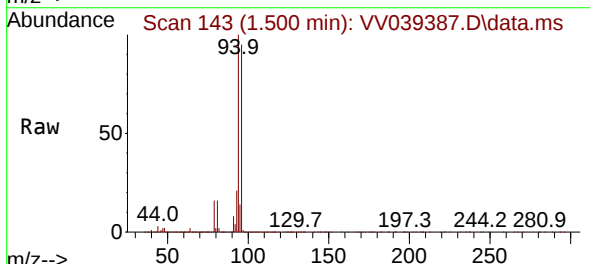
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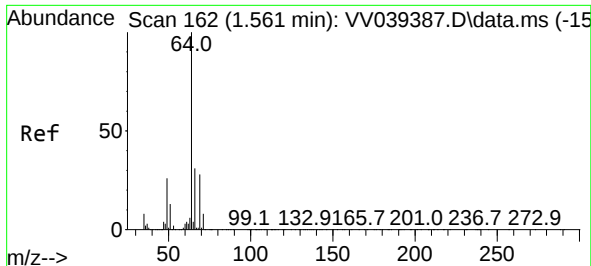
Tgt Ion: 62 Resp: 473400
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.7 44.1



#6
 Bromomethane
 Concen: 38.335 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VV039387.D
 Acq: 17 Nov 2025 12:30

Tgt Ion: 94 Resp: 256821
 Ion Ratio Lower Upper
 94 100
 96 95.2 66.6 123.8

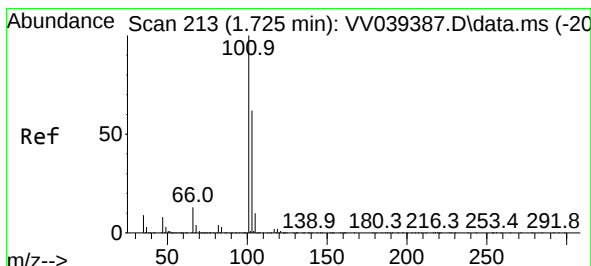
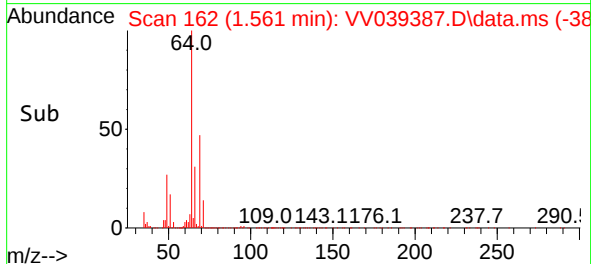
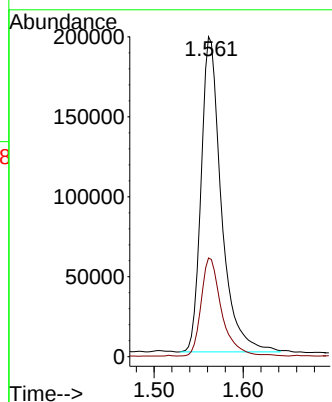
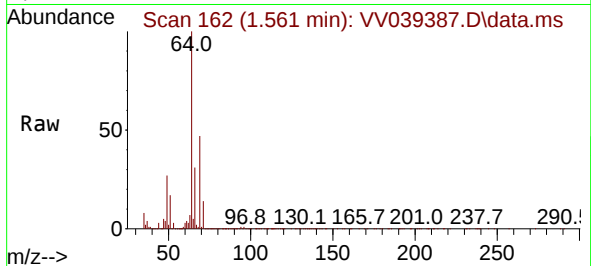




#8
Chloroethane
Concen: 38.315 ug/L
RT: 1.561 min Scan# 162
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

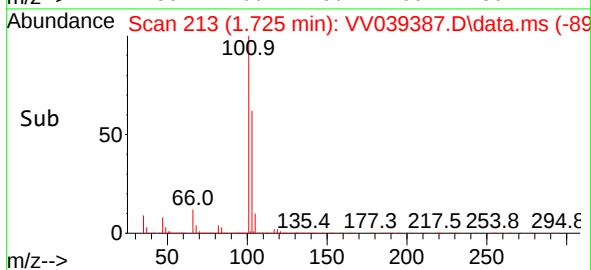
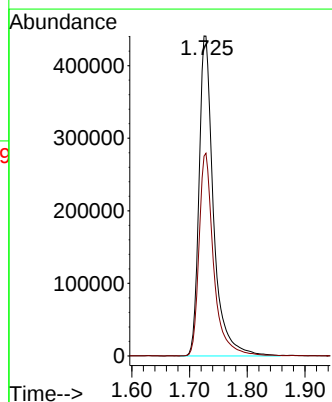
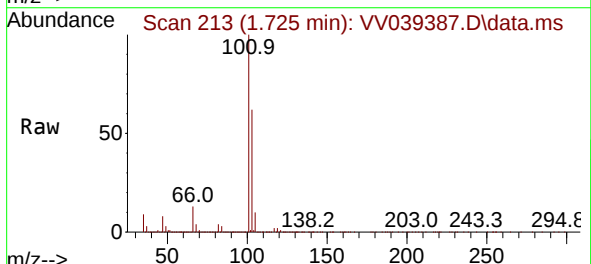
Instrument :
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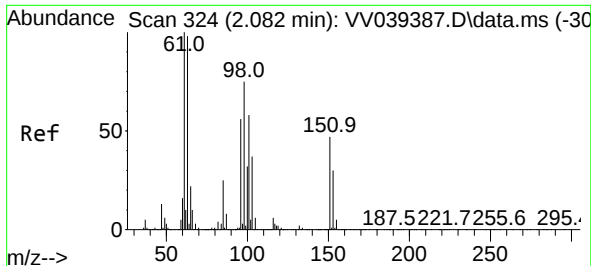
Tgt Ion: 64 Resp: 310774
Ion Ratio Lower Upper
64 100
66 30.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 42.210 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion: 101 Resp: 766655
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6

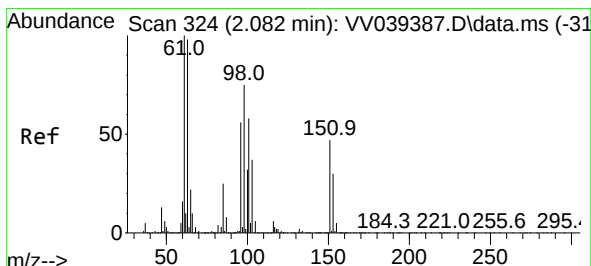
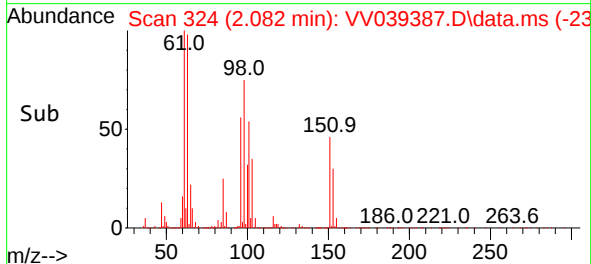
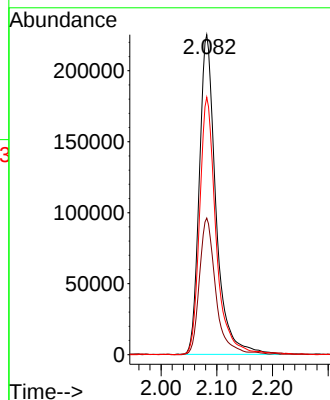
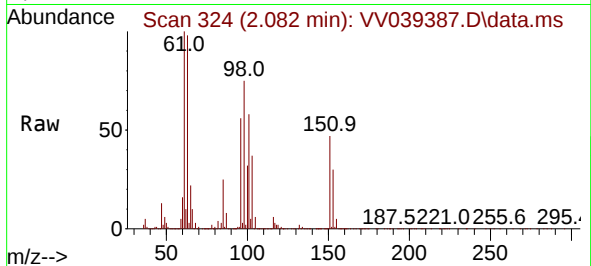




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.028 ug/L
RT: 2.082 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

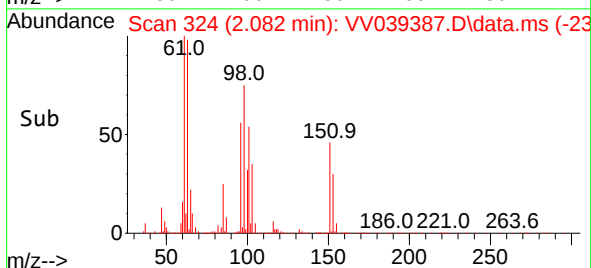
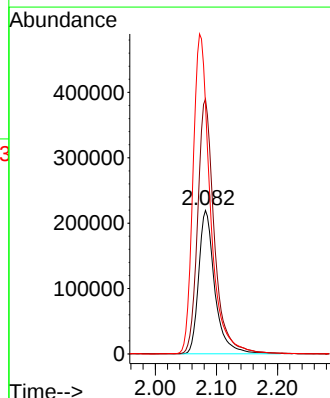
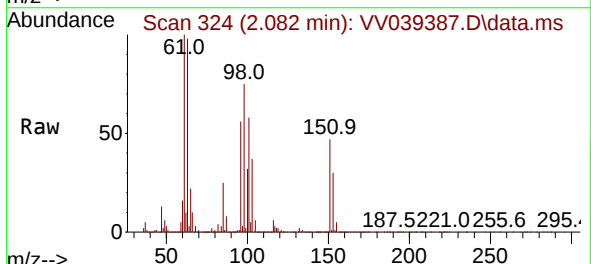
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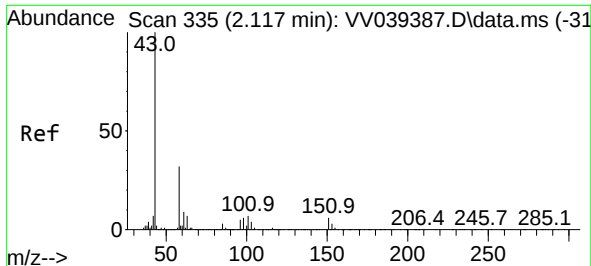
Tgt Ion:101 Resp: 466468
Ion Ratio Lower Upper
101 100
85 42.1 33.7 50.5
151 79.5 63.6 95.4



#12
1,1-Dichloroethene
Concen: 41.594 ug/L
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion: 96 Resp: 402855
Ion Ratio Lower Upper
96 100
61 177.5 124.3 230.8
63 174.0 121.8 226.2

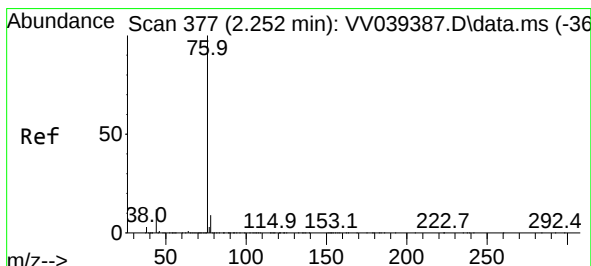
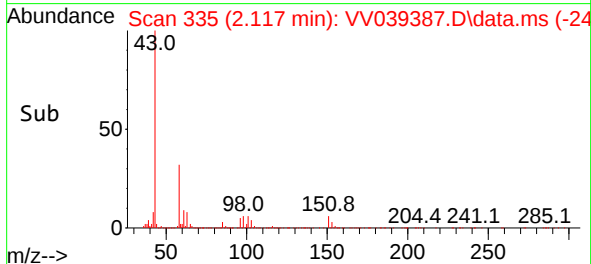
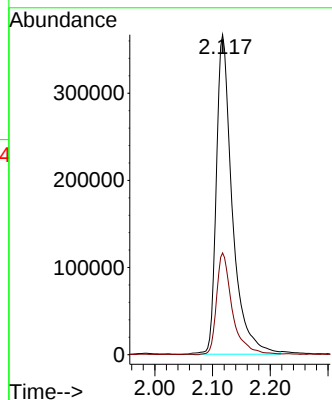
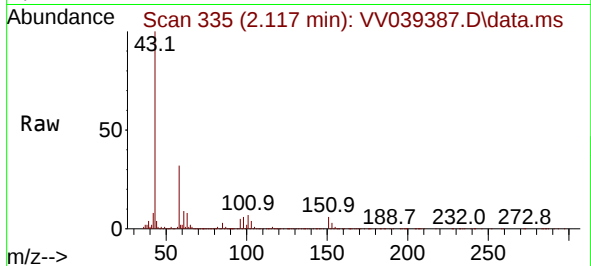




#13
Acetone
Concen: 130.396 ug/L
RT: 2.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV039387.D
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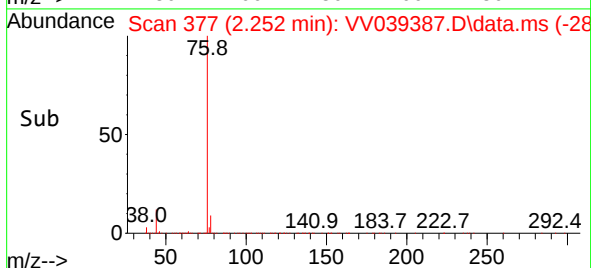
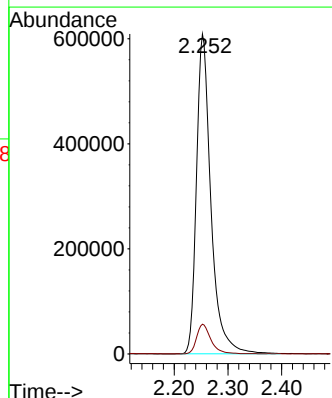
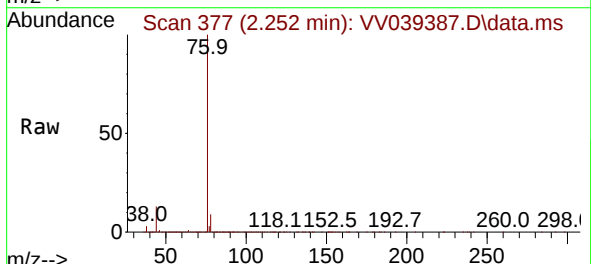
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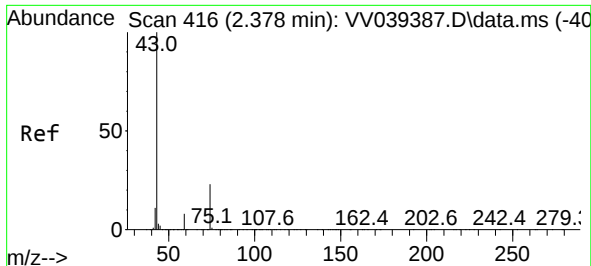
Tgt Ion: 43 Resp: 703921
Ion Ratio Lower Upper
43 100
58 31.6 0.0 63.2



#14
Carbon disulfide
Concen: 39.017 ug/L
RT: 2.252 min Scan# 377
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion: 76 Resp: 1136501
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

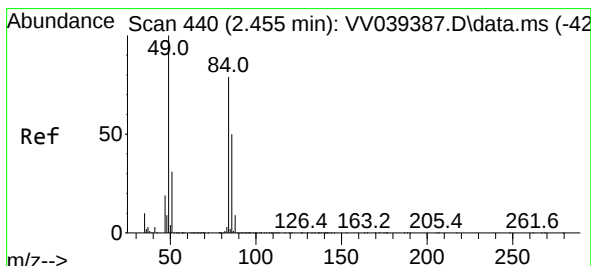
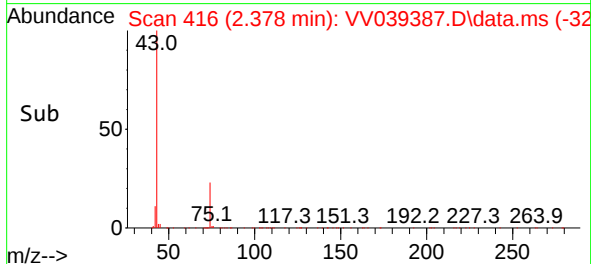
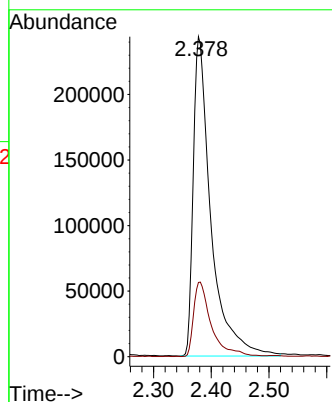
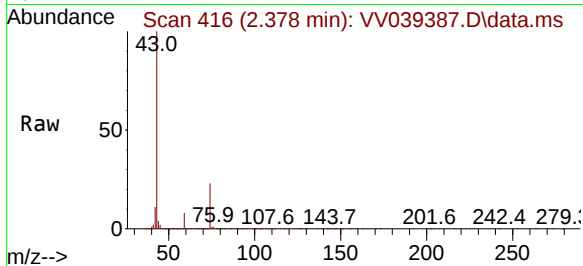




#15
Methyl Acetate
Concen: 40.449 ug/L
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

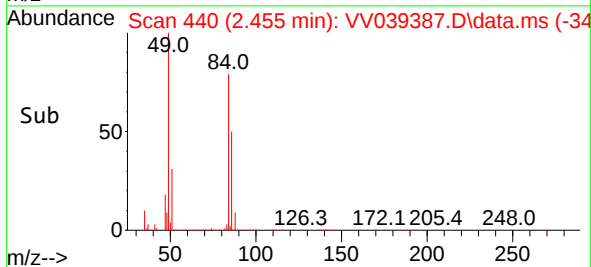
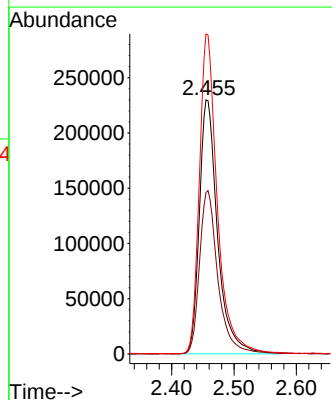
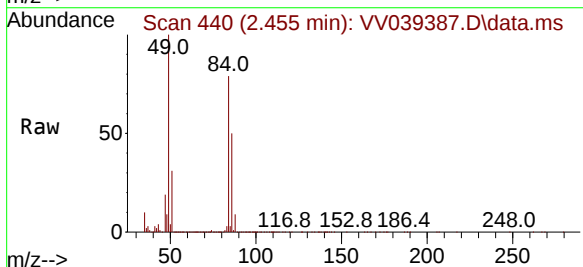
Instrument :
MSVOA_V
ClientSampleId :
VSTD050233

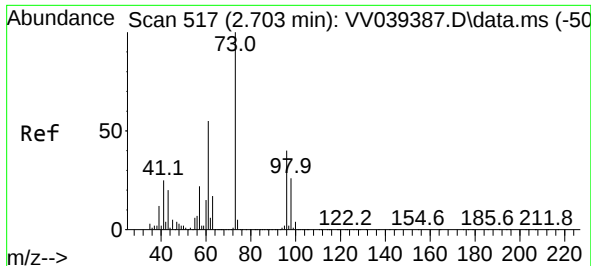
Tgt Ion: 43 Resp: 517954
Ion Ratio Lower Upper
43 100
74 23.4 18.7 28.1



#16
Methylene chloride
Concen: 41.517 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion: 84 Resp: 466206
Ion Ratio Lower Upper
84 100
86 63.5 44.4 82.5
49 126.0 88.2 163.8

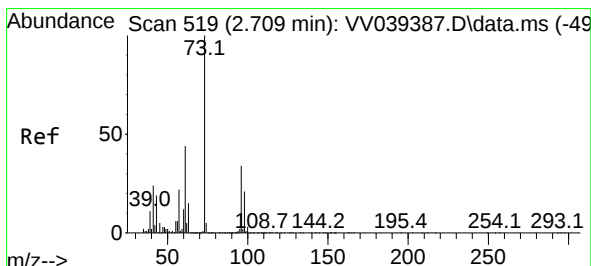
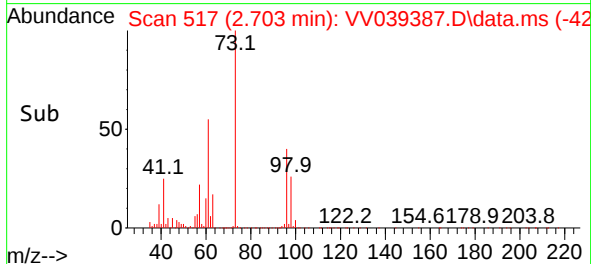
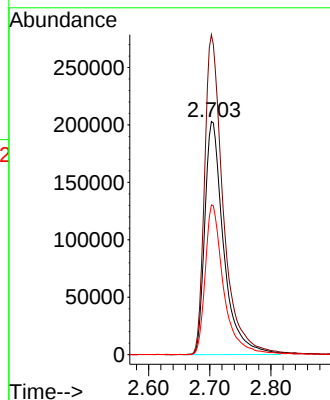
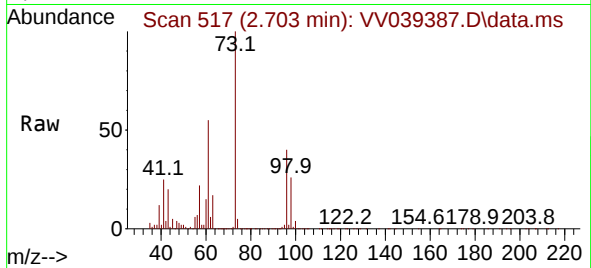




#17
trans-1,2-Dichloroethene
Concen: 44.519 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

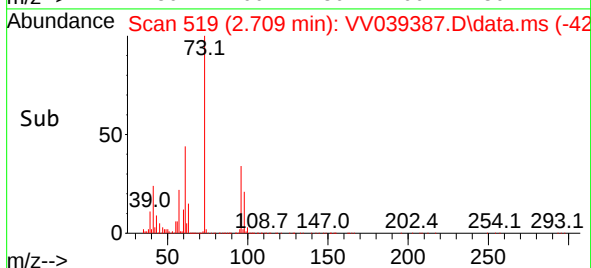
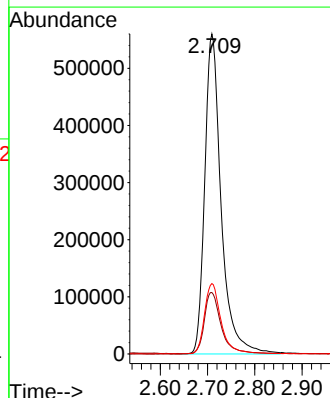
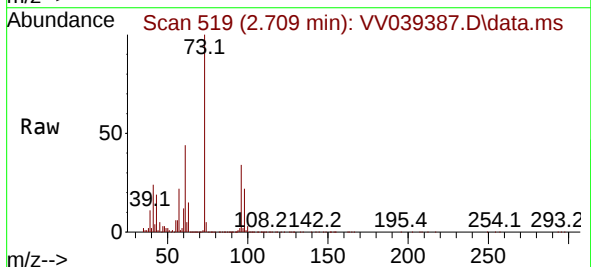
Instrument :
MSVOA_V
ClientSampleId :
VSTD050233

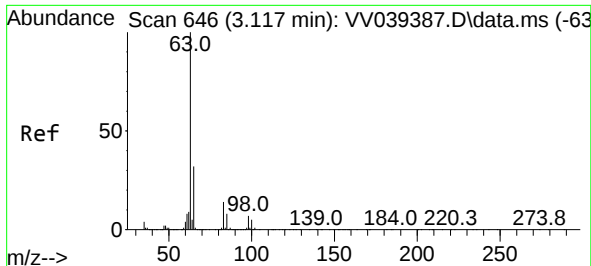
Tgt Ion: 96 Resp: 435301
Ion Ratio Lower Upper
96 100
61 137.3 96.1 178.5
98 64.3 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 45.811 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion: 73 Resp: 1350991
Ion Ratio Lower Upper
73 100
43 19.3 15.4 23.2
57 22.0 17.6 26.4

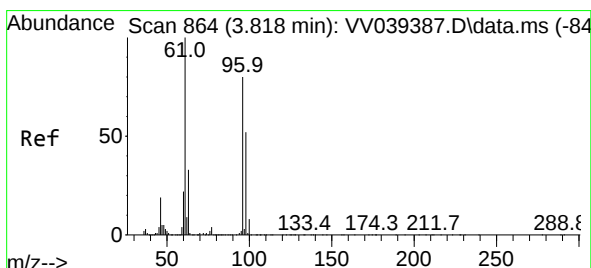
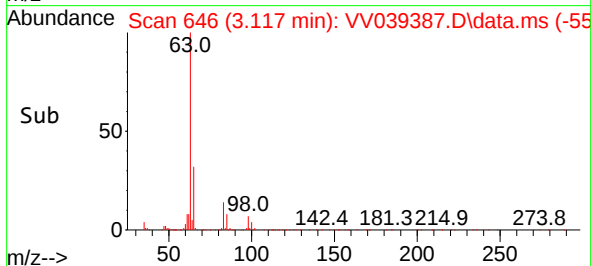
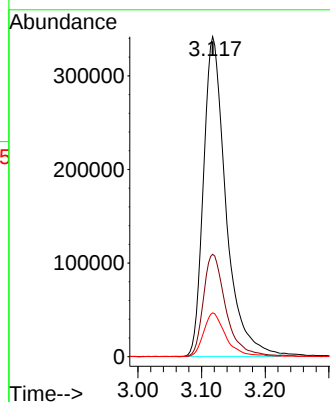
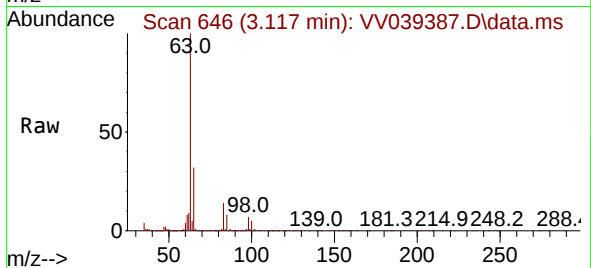




#19
1,1-Dichloroethane
Concen: 41.631 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

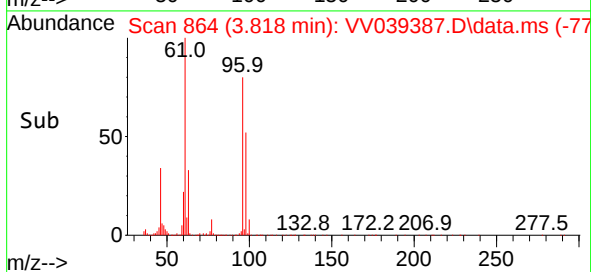
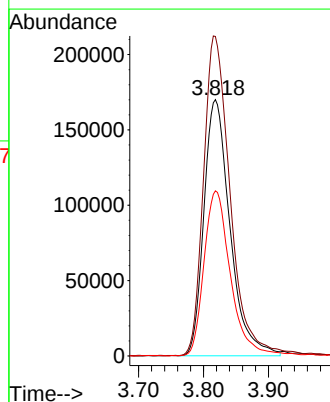
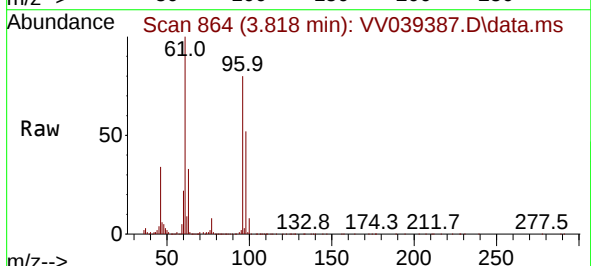
Instrument :
MSVOA_V
ClientSampleId :
VSTD050233

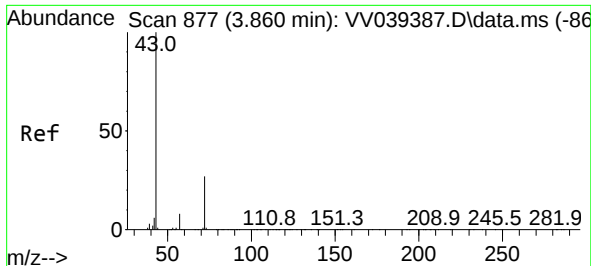
Tgt Ion:	63	Resp:	838690
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.4	41.6
83	13.7	9.6	17.8



#20
cis-1,2-Dichloroethene
Concen: 45.375 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion:	96	Resp:	475793
Ion	Ratio	Lower	Upper
96	100		
61	124.7	87.3	162.1
98	64.4	45.1	83.7

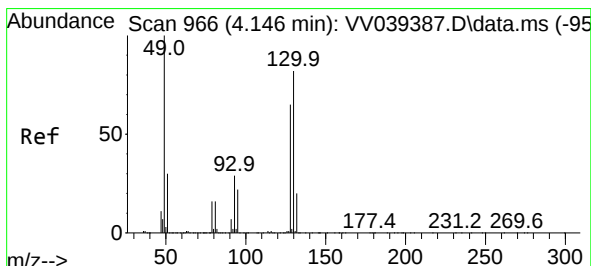
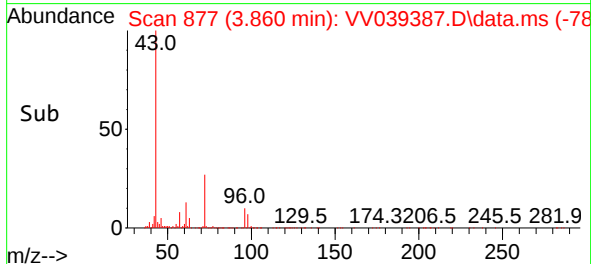
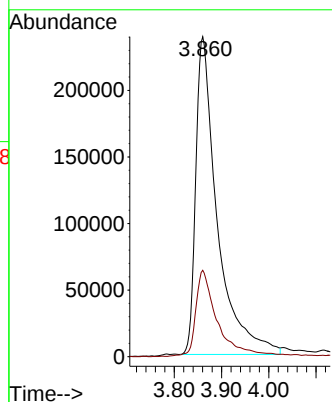
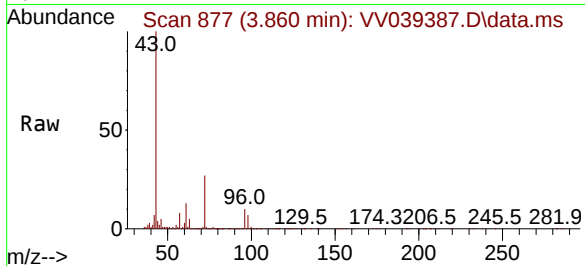




#22
2-Butanone
Concen: 97.336 ug/L
RT: 3.860 min Scan# 877
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

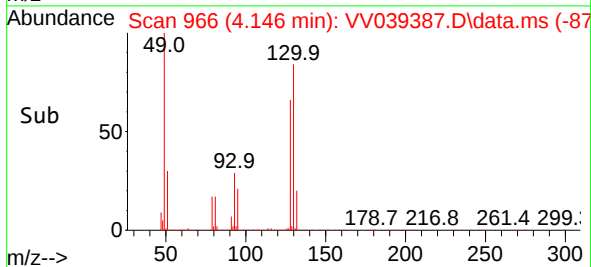
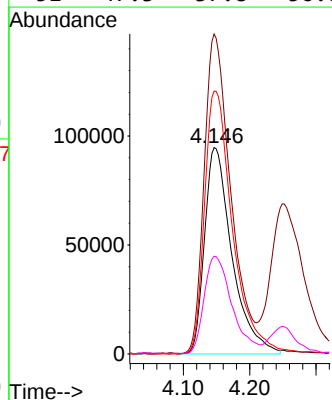
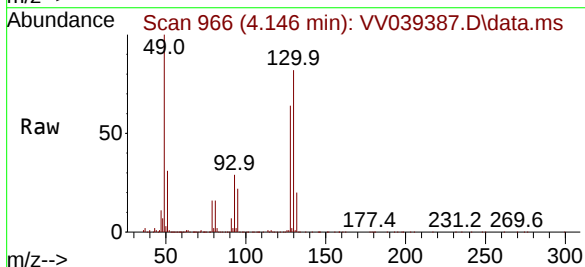
Instrument :
MSVOA_V
ClientSampleId :
VSTD050233

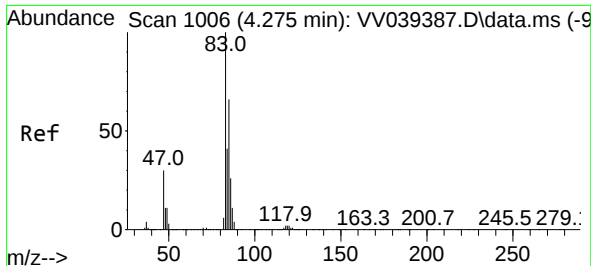
Tgt Ion: 43 Resp: 754133
Ion Ratio Lower Upper
43 100
72 26.6 13.3 39.9



#23
Bromochloromethane
Concen: 47.854 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion: 128 Resp: 271856
Ion Ratio Lower Upper
128 100
49 155.1 108.6 201.6
130 127.4 89.2 165.6
51 47.3 37.8 56.8

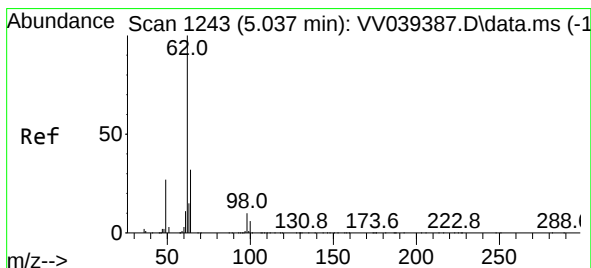
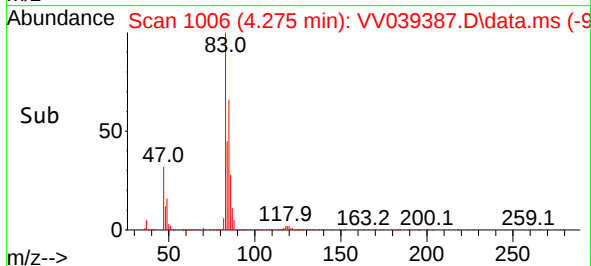
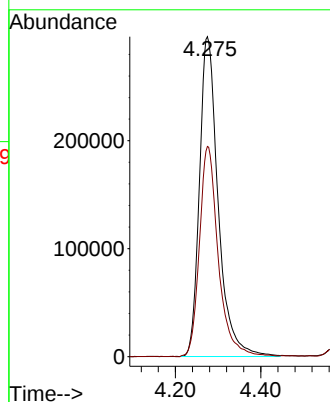
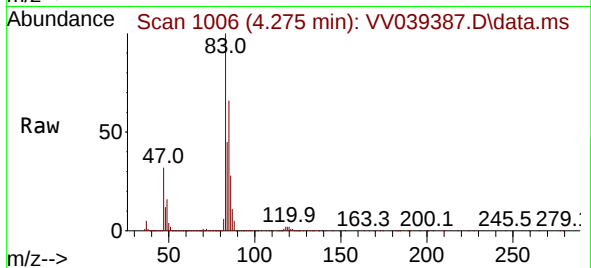




#25
Chloroform
Concen: 44.759 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

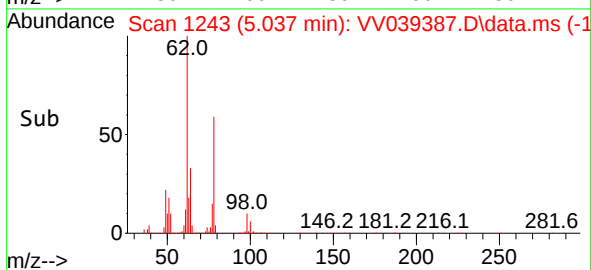
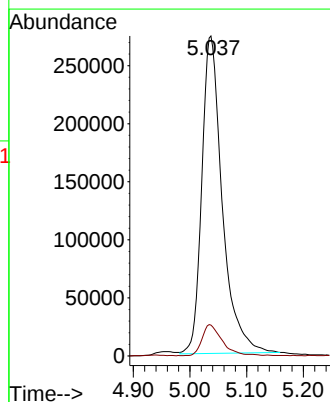
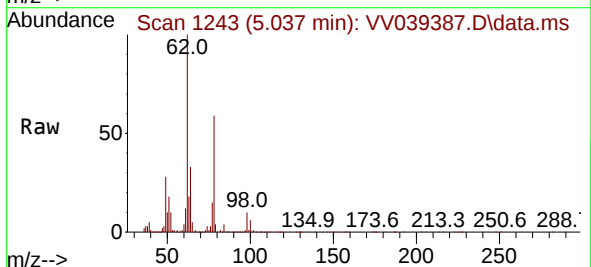
Instrument :
MSVOA_V
ClientSampleId :
VSTD050233

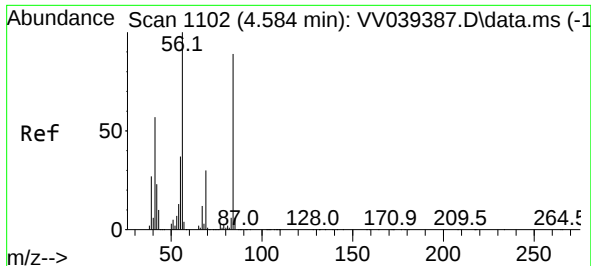
Tgt Ion: 83 Resp: 900352
Ion Ratio Lower Upper
83 100
85 65.7 46.0 85.4



#27
1,2-Dichloroethane
Concen: 45.232 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion: 62 Resp: 686134
Ion Ratio Lower Upper
62 100
98 9.6 7.7 11.5





#29

Cyclohexane

Concen: 44.540 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD050233

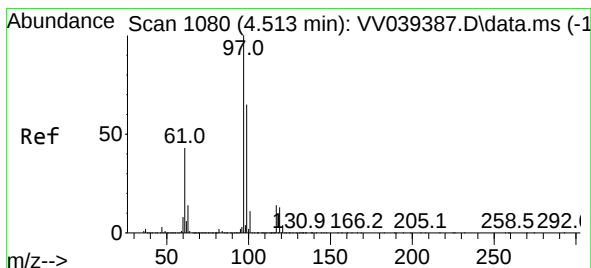
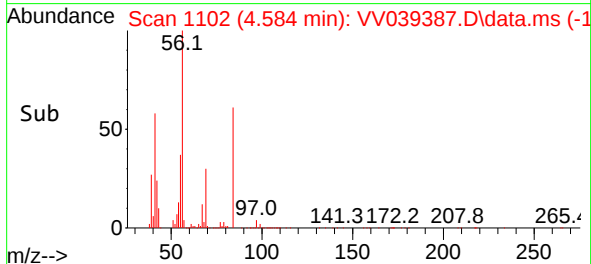
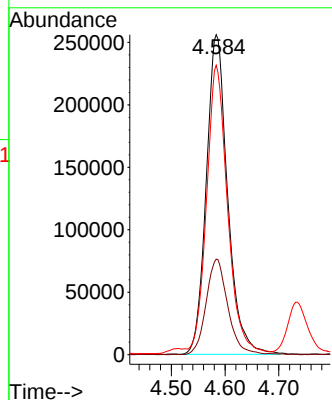
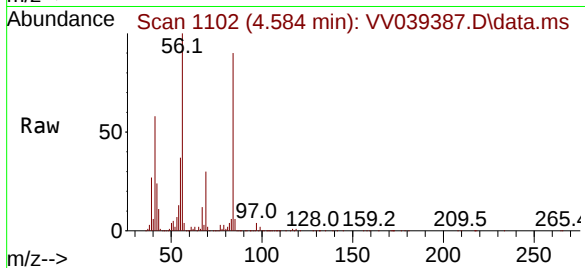
Tgt Ion: 56 Resp: 707119

Ion Ratio Lower Upper

56 100

69 30.1 24.1 36.1

84 88.4 70.7 106.1



#30

1,1,1-Trichloroethane

Concen: 46.866 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

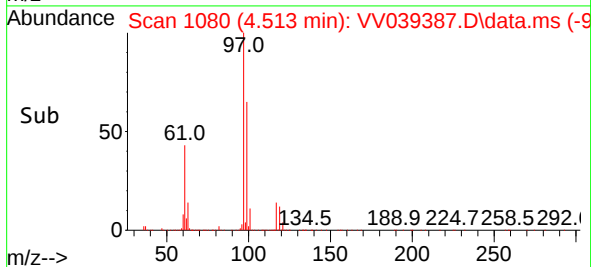
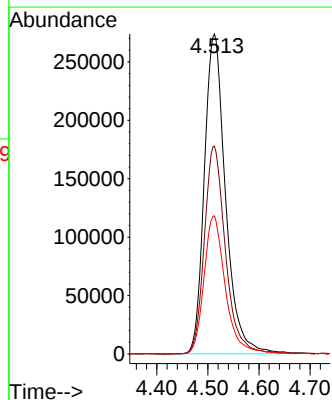
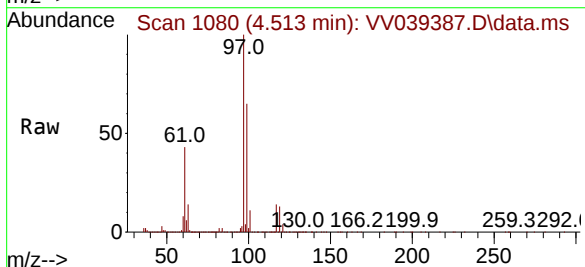
Tgt Ion: 97 Resp: 789089

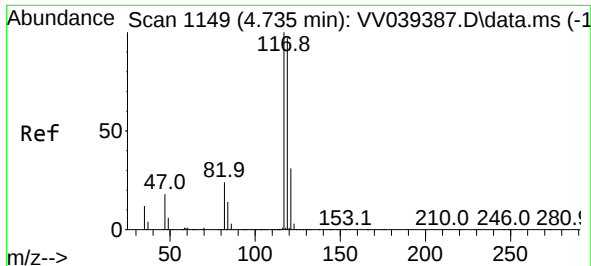
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 43.1 34.5 51.7

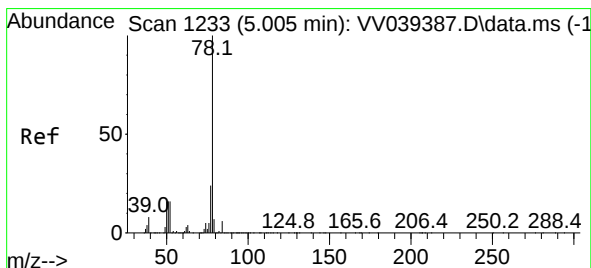
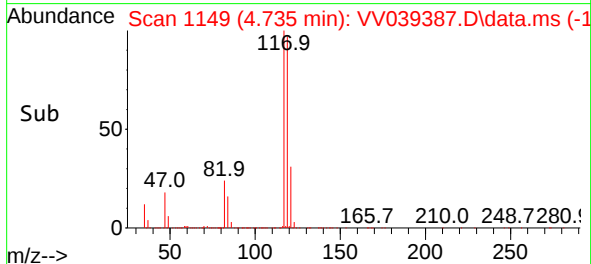
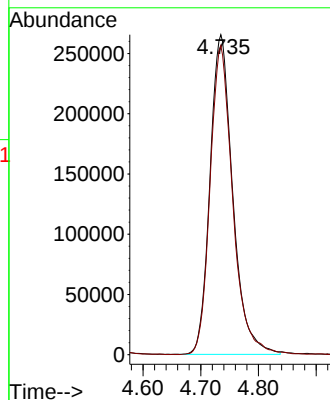
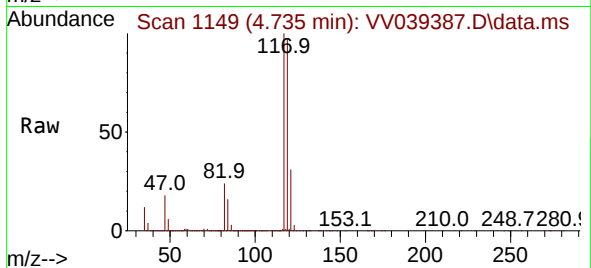




#31
Carbon tetrachloride
Concen: 49.056 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

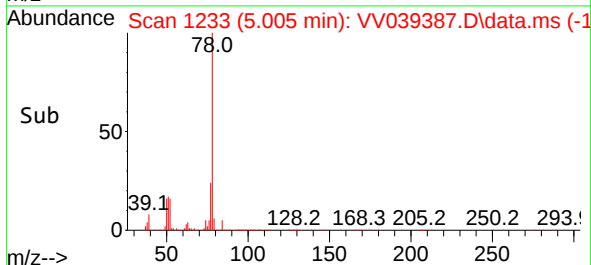
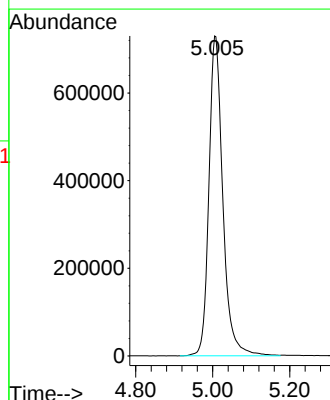
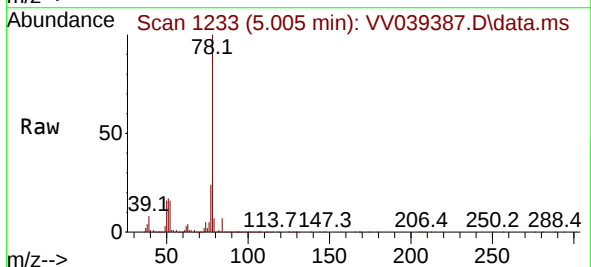
Instrument :
MSVOA_V
ClientSampleId :
VSTD050233

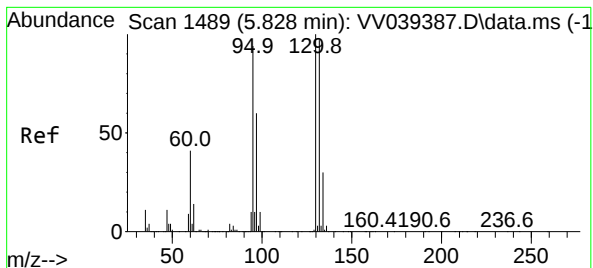
Tgt Ion:117 Resp: 726061
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1



#33
Benzene
Concen: 46.129 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion: 78 Resp: 1832093





#34

Trichloroethene

Concen: 45.671 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD050233

Tgt Ion: 95 Resp: 483414

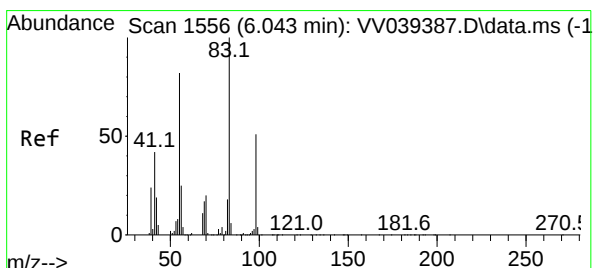
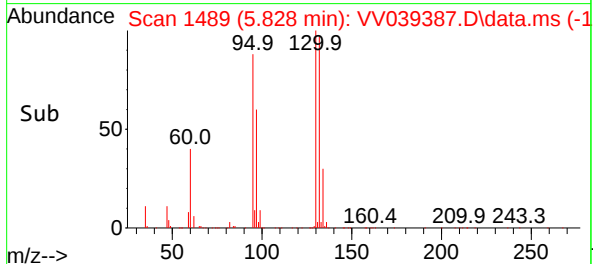
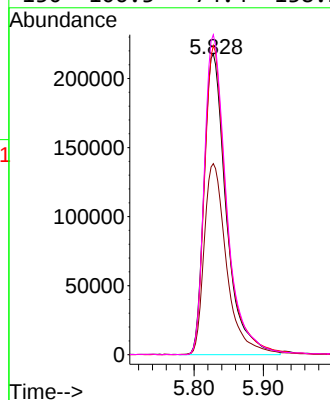
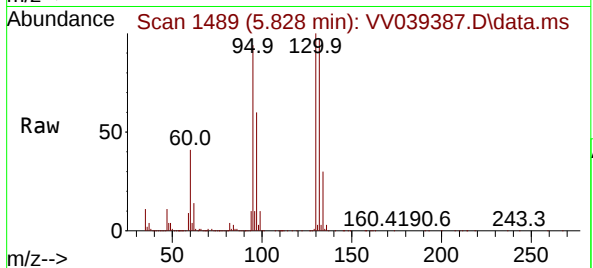
Ion Ratio Lower Upper

95 100

97 63.5 44.4 82.5

132 102.7 71.9 133.5

130 106.3 74.4 138.2



#35

Methylcyclohexane

Concen: 44.972 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

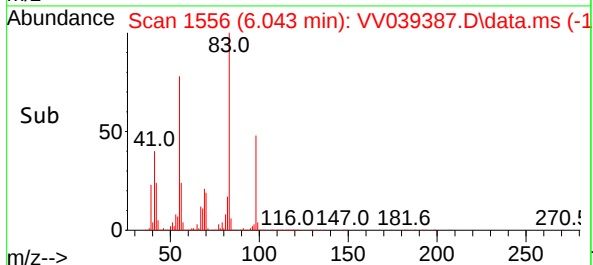
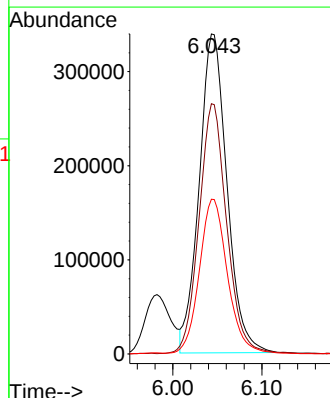
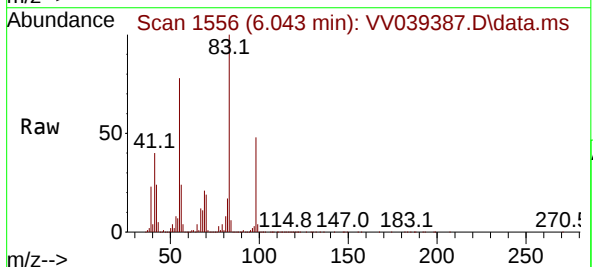
Tgt Ion: 83 Resp: 735371

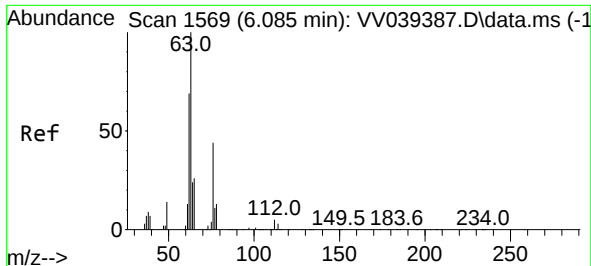
Ion Ratio Lower Upper

83 100

55 78.2 62.5 93.7

98 49.0 39.2 58.8





#37

1,2-Dichloropropane

Concen: 44.200 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

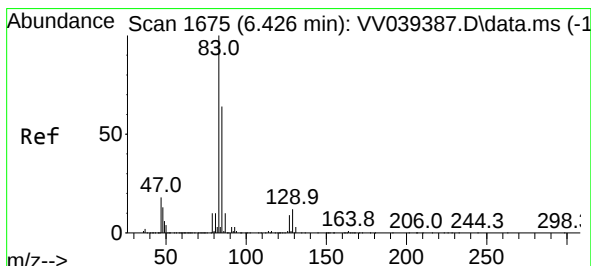
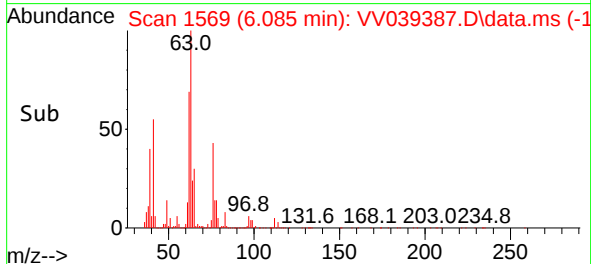
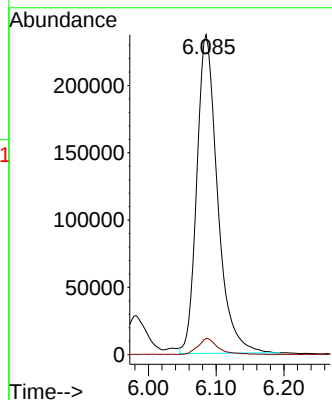
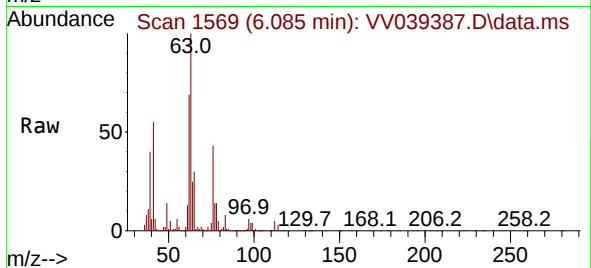
VSTD050233

Tgt Ion: 63 Resp: 504360

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 46.088 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

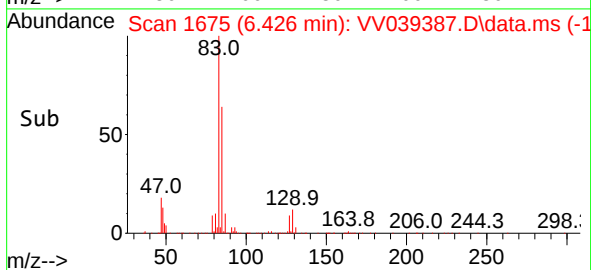
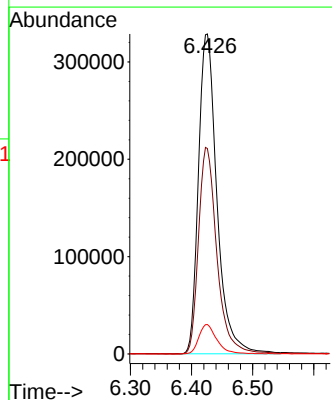
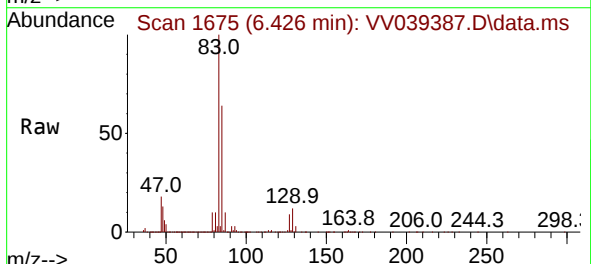
Tgt Ion: 83 Resp: 691529

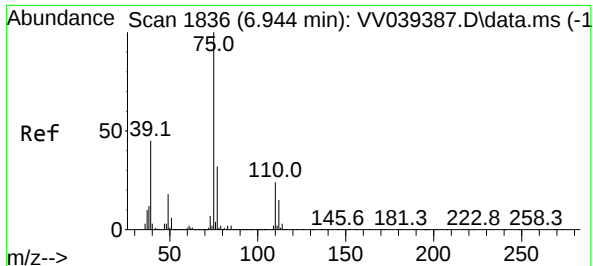
Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

127 9.2 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 48.202 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

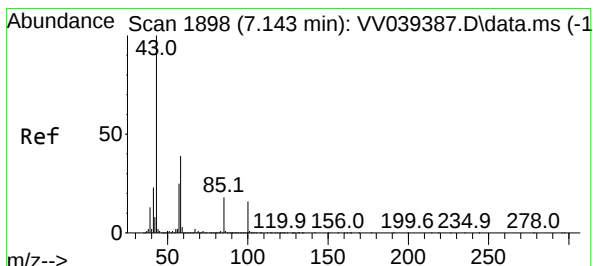
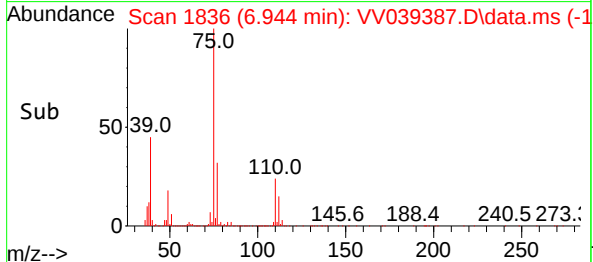
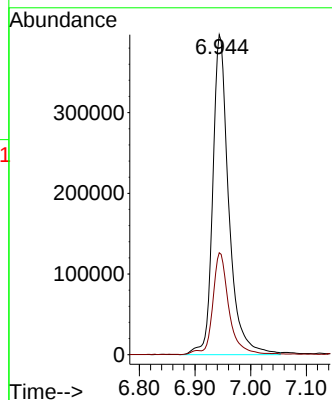
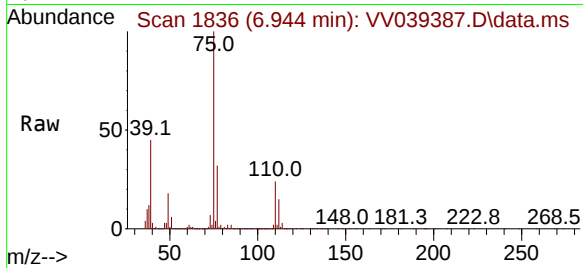
VSTD050233

Tgt Ion: 75 Resp: 794287

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 90.488 ug/L

RT: 7.143 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

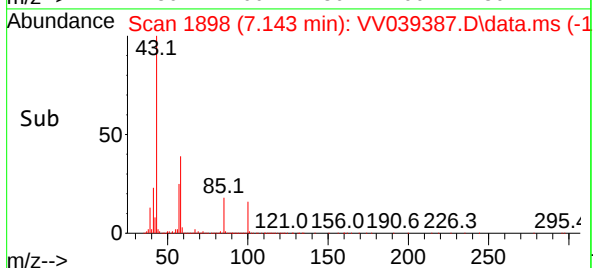
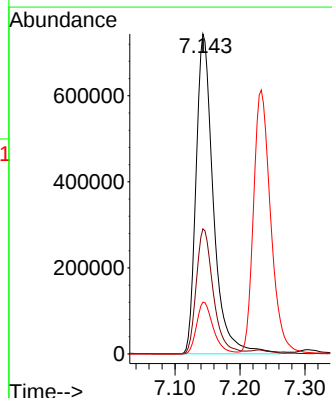
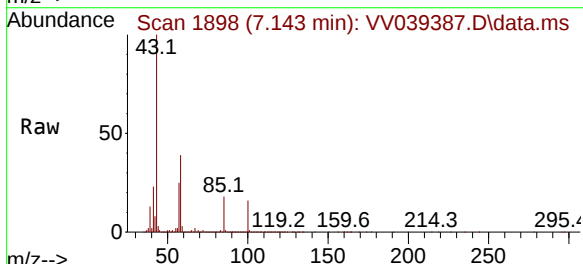
Tgt Ion: 43 Resp: 1382633

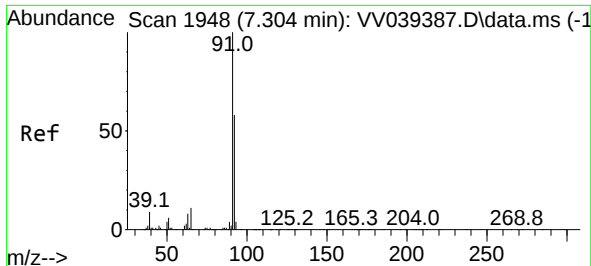
Ion Ratio Lower Upper

43 100

58 38.5 30.8 46.2

100 15.6 12.5 18.7

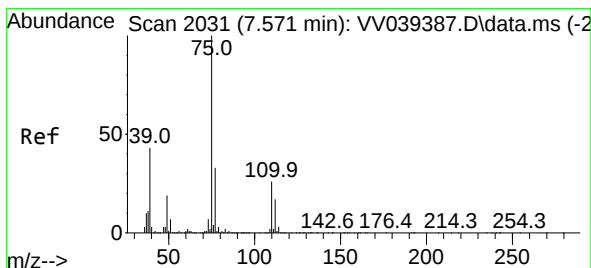
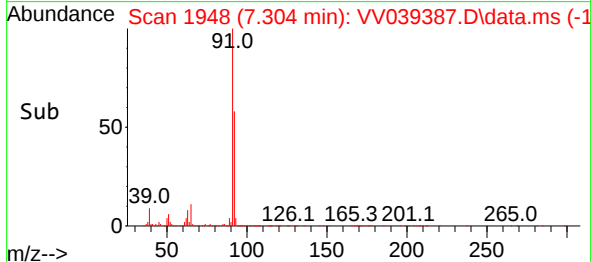
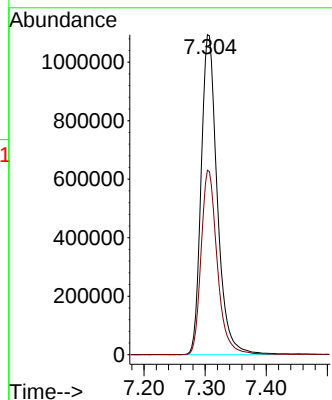
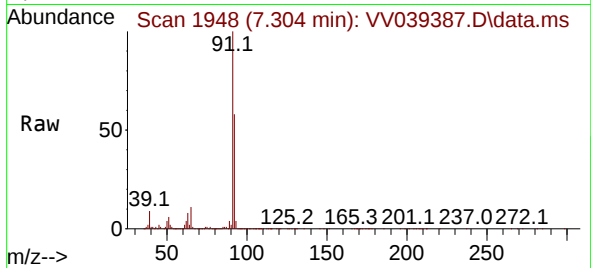




#42
Toluene
Concen: 48.698 ug/L
RT: 7.304 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

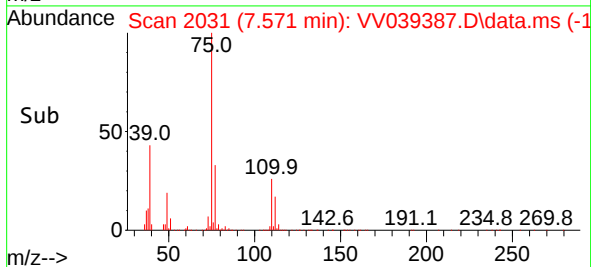
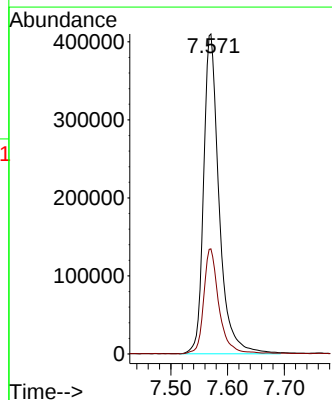
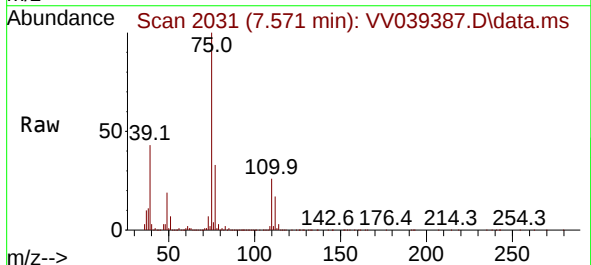
Instrument :
MSVOA_V
ClientSampleId :
VSTD050233

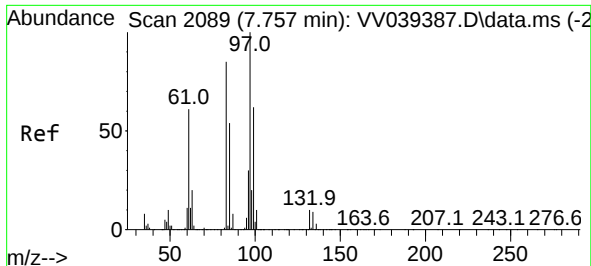
Tgt Ion: 91 Resp: 2004374
Ion Ratio Lower Upper
91 100
92 57.7 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 48.740 ug/L
RT: 7.571 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion: 75 Resp: 778934
Ion Ratio Lower Upper
75 100
77 32.8 23.0 42.6

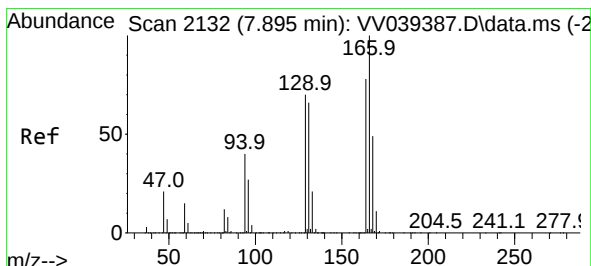
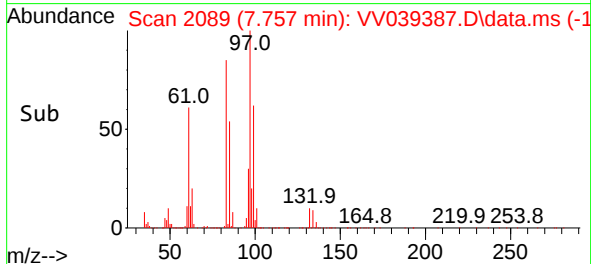
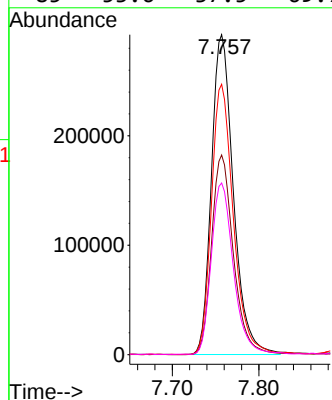
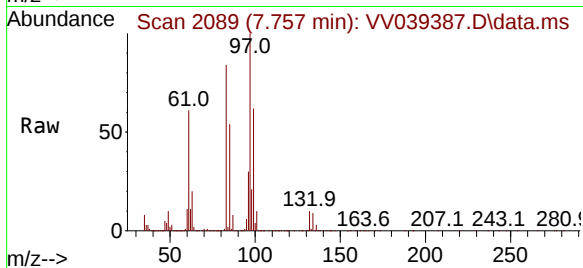




#45
1,1,2-Trichloroethane
Concen: 45.492 ug/L
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

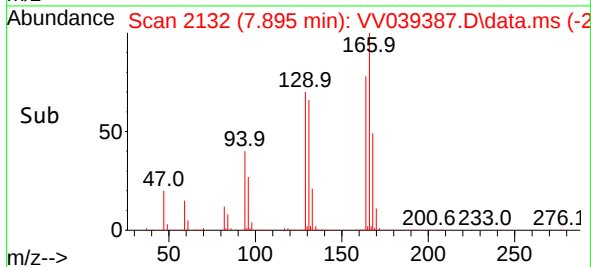
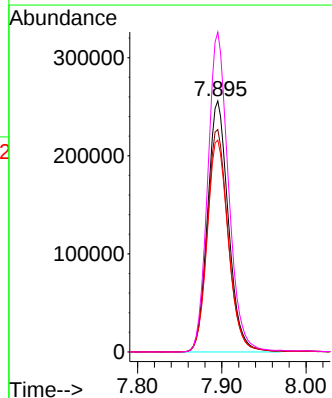
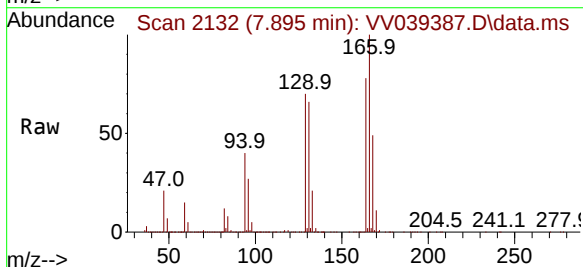
Instrument :
MSVOA_V
ClientSampleId :
VSTD050233

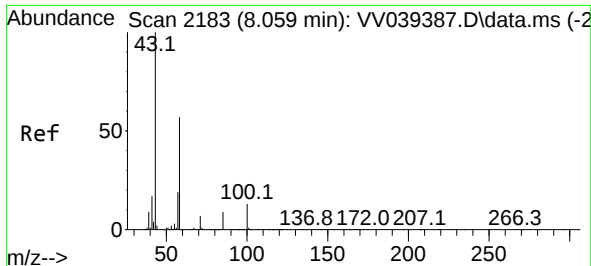
Tgt Ion: 97	Resp: 514899
Ion Ratio	Lower Upper
97 100	
99 62.4	43.7 81.1
83 84.5	59.1 109.9
85 53.6	37.5 69.7



#46
Tetrachloroethene
Concen: 54.289 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt	Ion:164	Resp:	440726
Ion	Ratio	Lower	Upper
164	100		
129	88.6	62.0	115.2
131	84.4	59.1	109.7
166	127.5	89.2	165.8



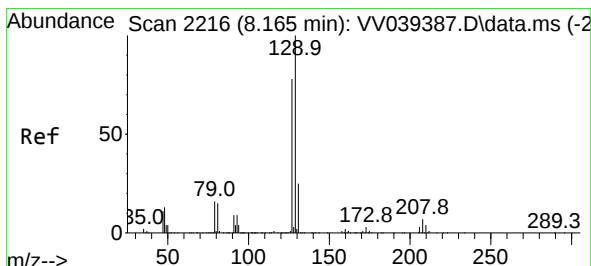
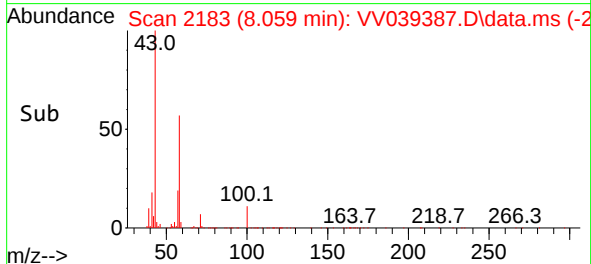
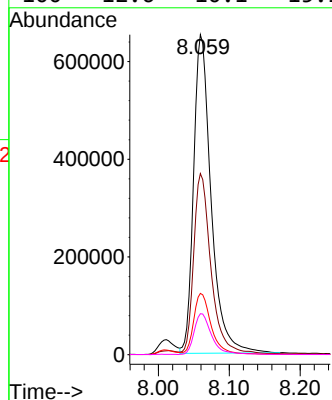
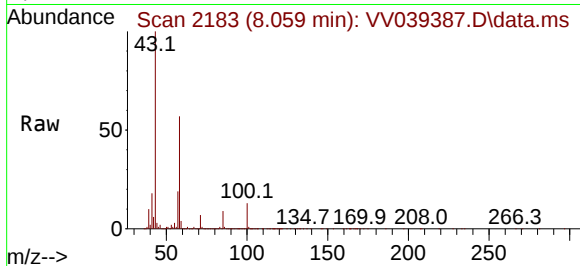


#48
2-Hexanone
Concen: 99.070 ug/L
RT: 8.059 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD050233

Tgt Ion: 43 Resp: 1123415

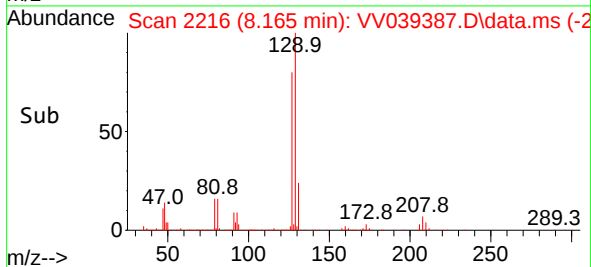
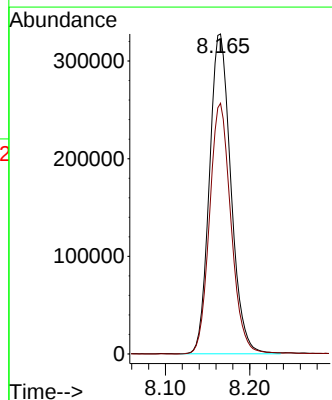
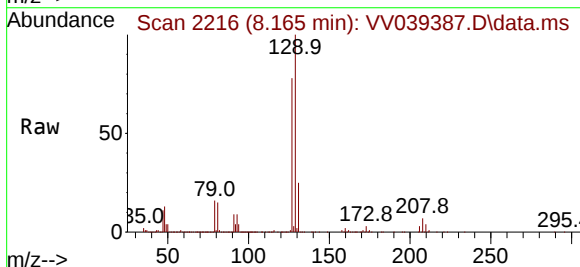
Ion	Ratio	Lower	Upper
43	100		
58	56.2	45.0	67.4
57	18.8	15.0	22.6
100	12.6	10.1	15.1

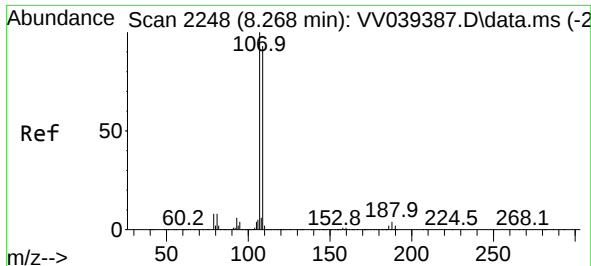


#49
Dibromochloromethane
Concen: 49.642 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion: 129 Resp: 580990

Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.8	101.8





#50

1,2-Dibromoethane

Concen: 46.999 ug/L

RT: 8.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD050233

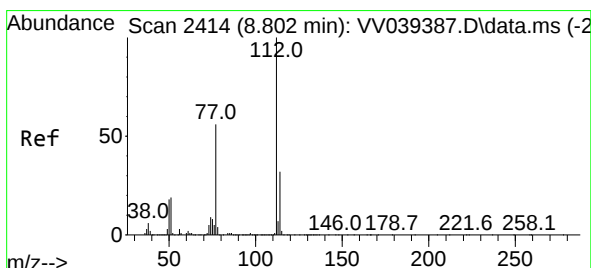
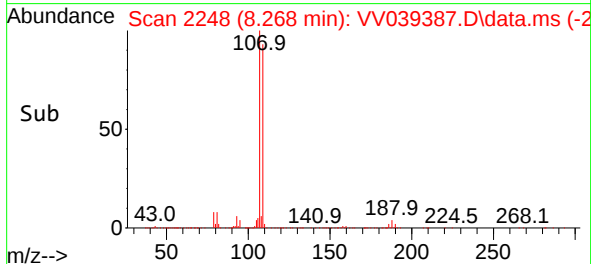
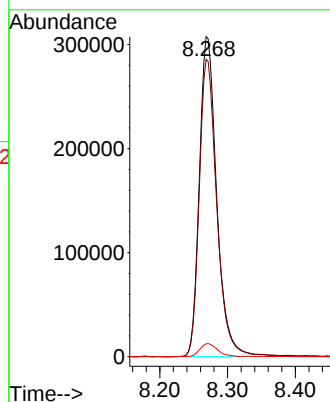
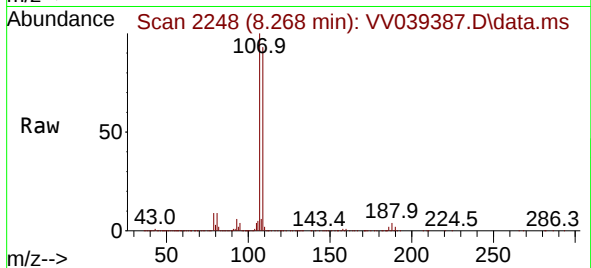
Tgt Ion:107 Resp: 547942

Ion Ratio Lower Upper

107 100

109 92.9 65.0 120.8

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 47.425 ug/L

RT: 8.802 min Scan# 2414

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

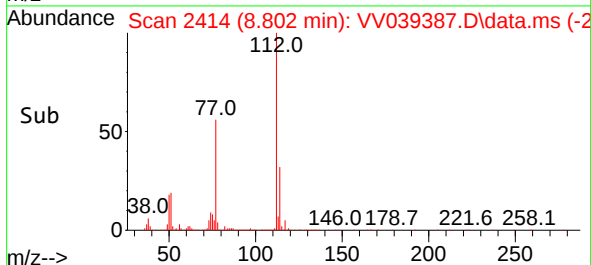
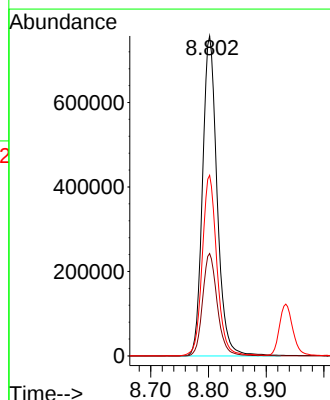
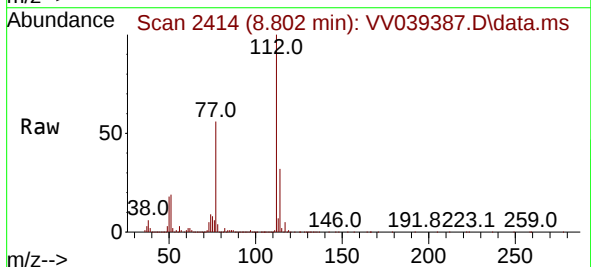
Tgt Ion:112 Resp: 1329448

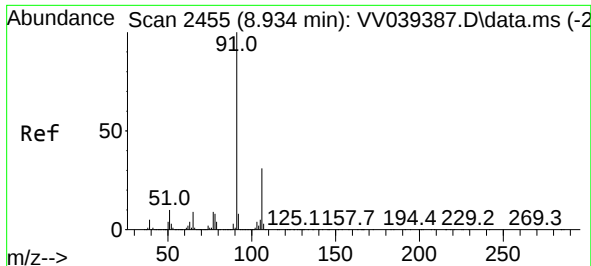
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 56.4 45.1 67.7

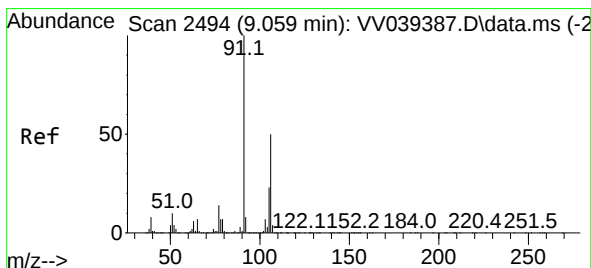
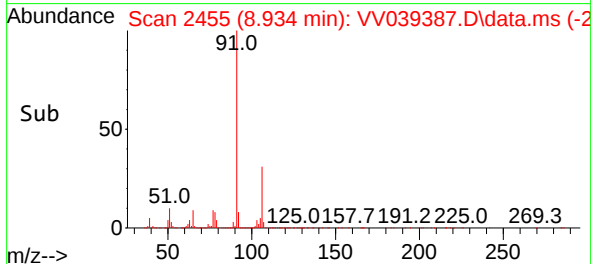
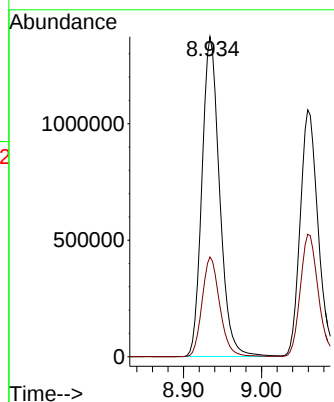
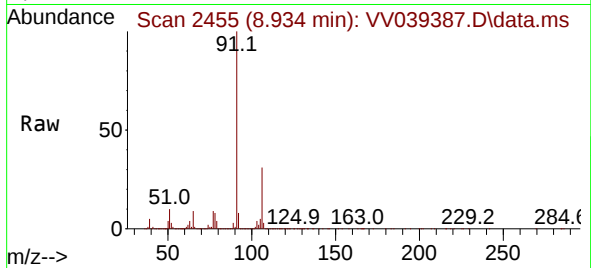




#52
Ethylbenzene
Concen: 48.674 ug/L
RT: 8.934 min Scan# 2455
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

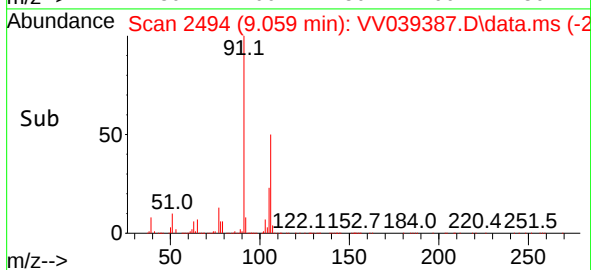
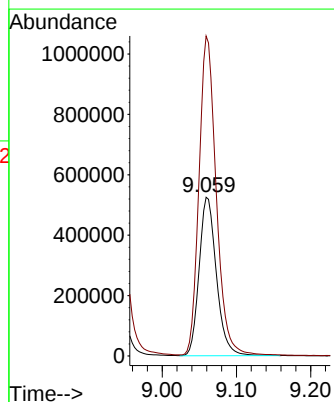
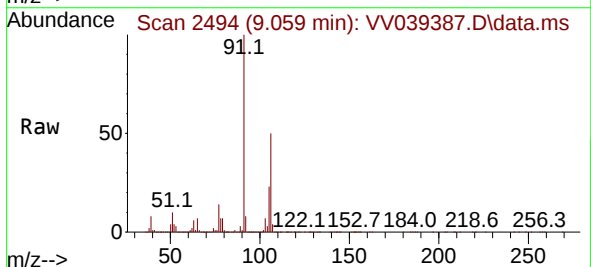
Instrument :
MSVOA_V
ClientSampleId :
VSTD050233

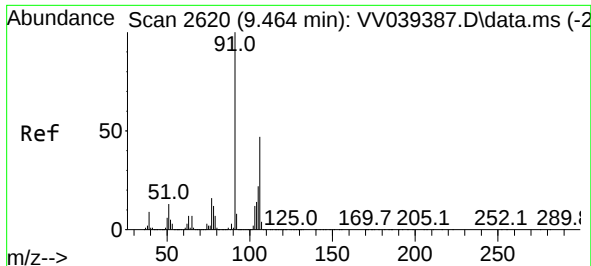
Tgt Ion: 91 Resp: 2163850
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4



#53
m,p-Xylene
Concen: 51.834 ug/L
RT: 9.059 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion: 106 Resp: 850241
Ion Ratio Lower Upper
106 100
91 201.6 141.1 262.1

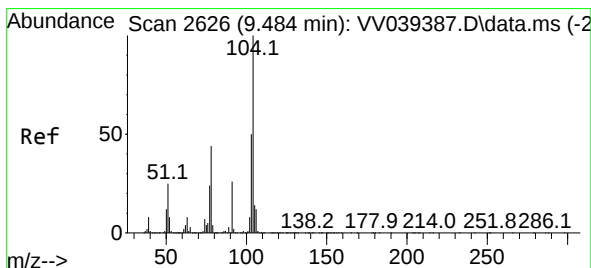
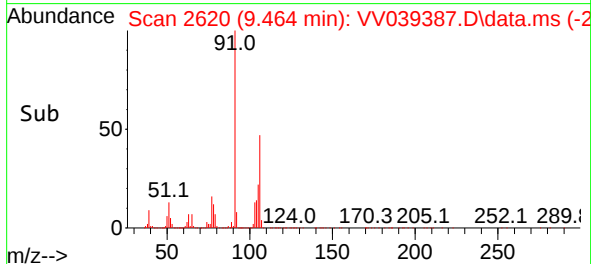
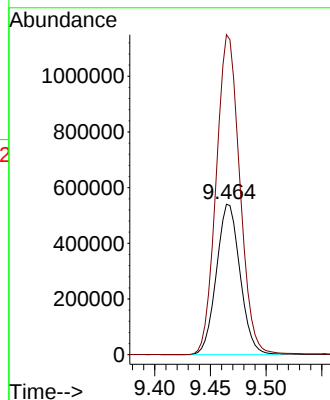
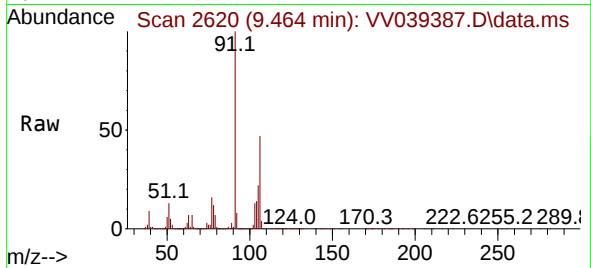




#54
o-Xylene
Concen: 50.314 ug/L
RT: 9.464 min Scan# 2620
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

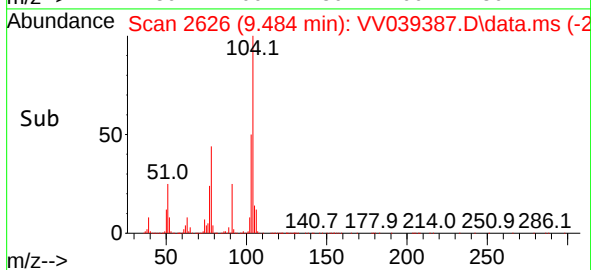
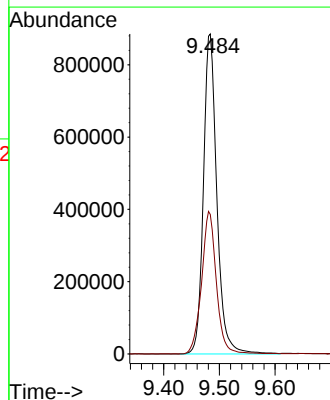
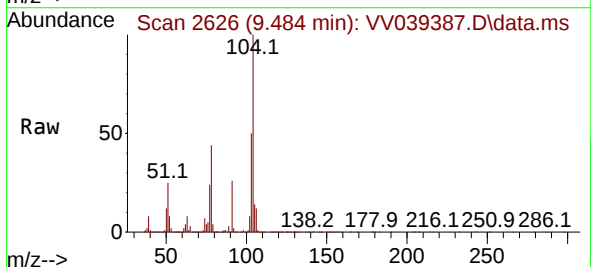
Instrument :
MSVOA_V
ClientSampleId :
VSTD050233

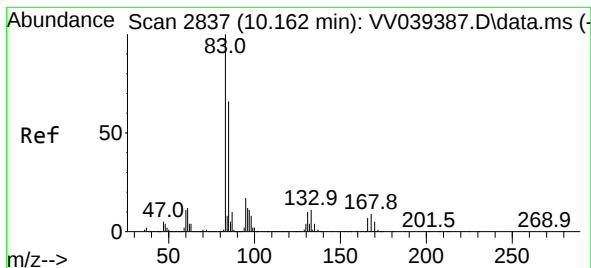
Tgt Ion:106 Resp: 798306
Ion Ratio Lower Upper
106 100
91 212.8 149.0 276.6



#55
Styrene
Concen: 53.657 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion:104 Resp: 1482080
Ion Ratio Lower Upper
104 100
78 43.6 30.5 56.7

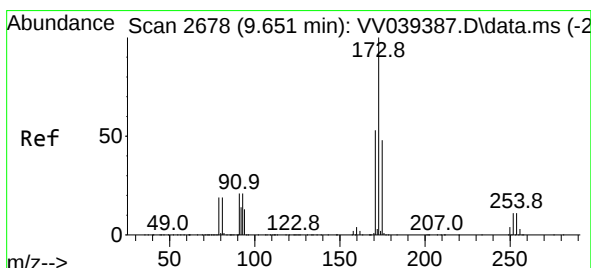
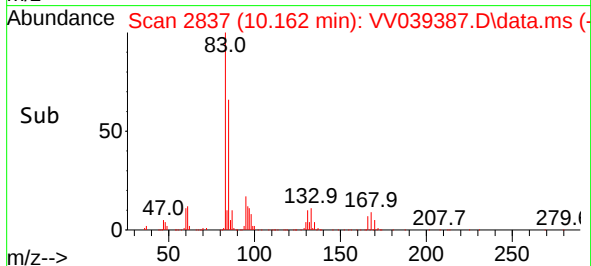
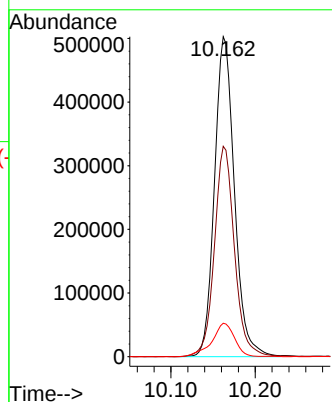
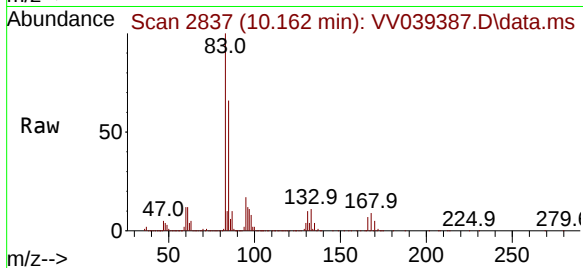




#57
 1,1,2,2-Tetrachloroethane
 Concen: 44.530 ug/L
 RT: 10.162 min Scan# 2837
 Delta R.T. 0.000 min
 Lab File: VV039387.D
 Acq: 17 Nov 2025 12:30

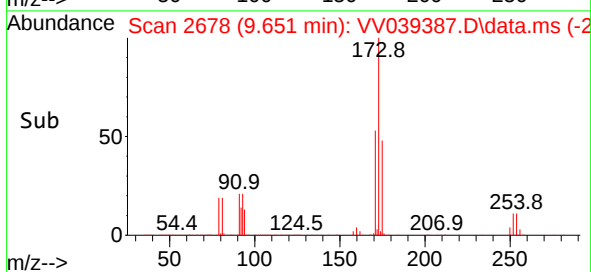
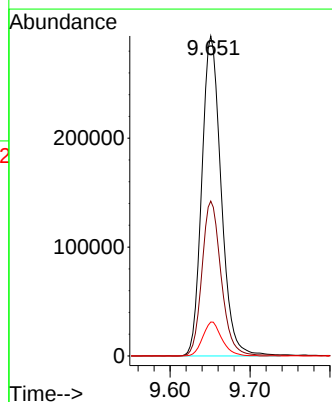
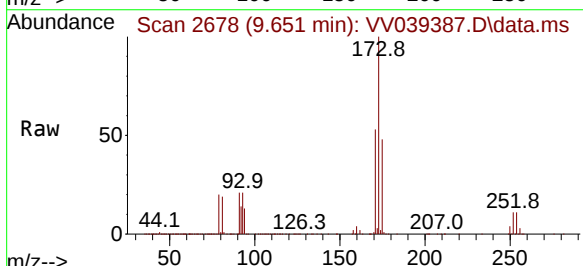
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050233

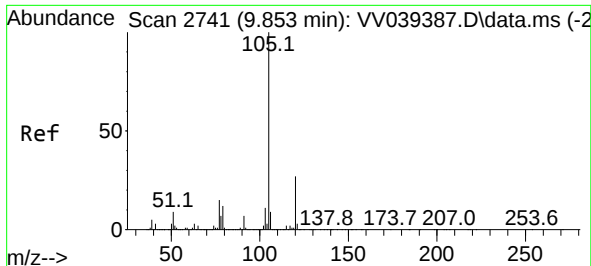
Tgt Ion: 83 Resp: 825161
 Ion Ratio Lower Upper
 83 100
 85 65.8 46.1 85.5
 131 10.4 8.3 12.5



#59
 Bromoform
 Concen: 50.809 ug/L
 RT: 9.651 min Scan# 2678
 Delta R.T. 0.000 min
 Lab File: VV039387.D
 Acq: 17 Nov 2025 12:30

Tgt Ion: 173 Resp: 495363
 Ion Ratio Lower Upper
 173 100
 175 48.1 38.5 57.7
 254 10.5 8.4 12.6

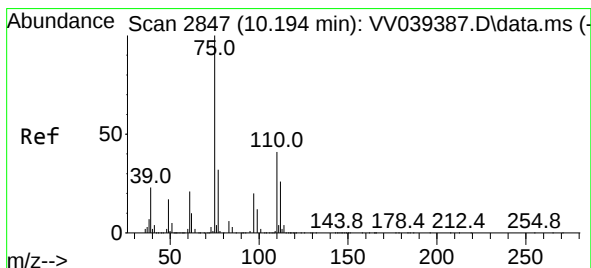
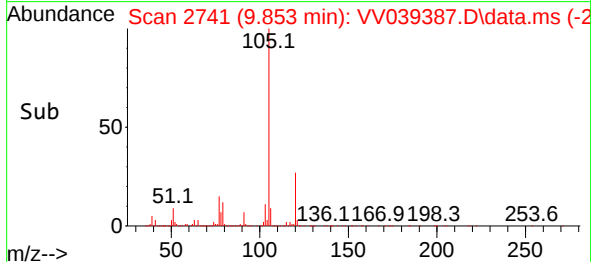
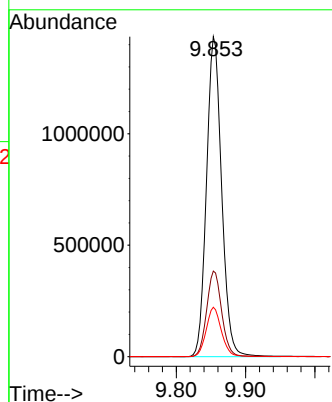
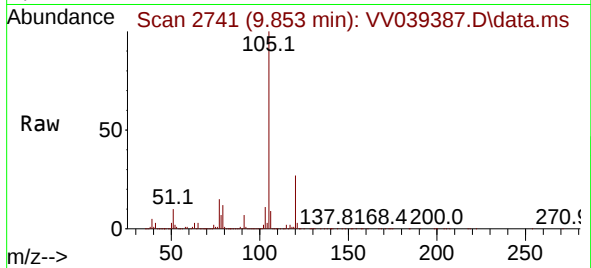




#60
Isopropylbenzene
Concen: 45.671 ug/L
RT: 9.853 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

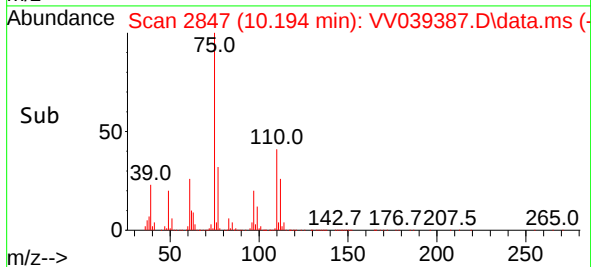
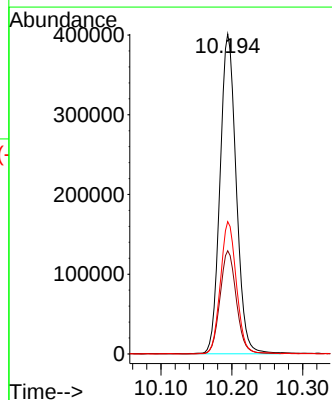
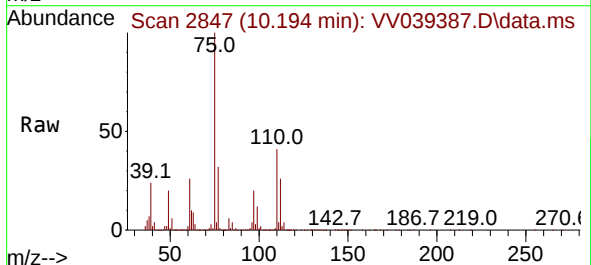
Instrument :
MSVOA_V
ClientSampleId :
VSTD050233

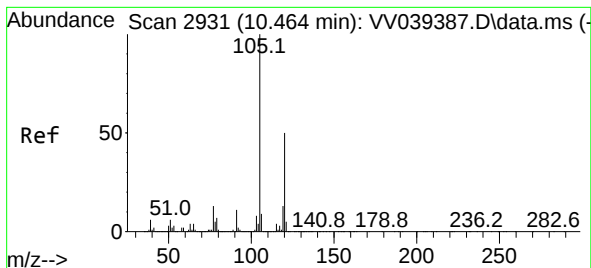
Tgt Ion:105 Resp: 2170040
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 39.468 ug/L
RT: 10.194 min Scan# 2847
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion: 75 Resp: 637597
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 40.8 32.6 49.0

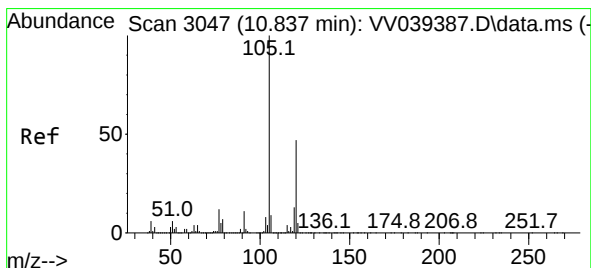
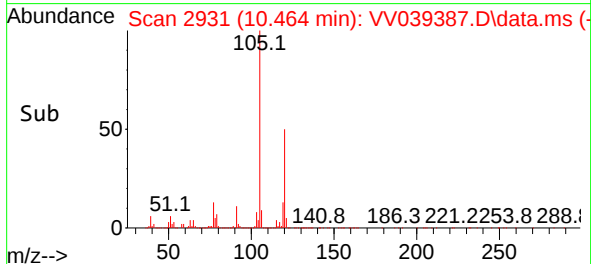
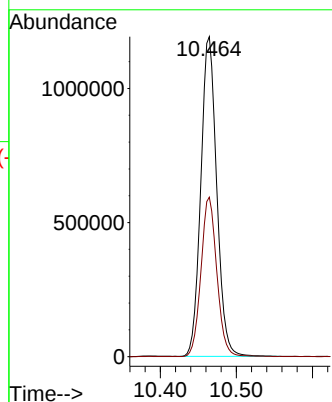
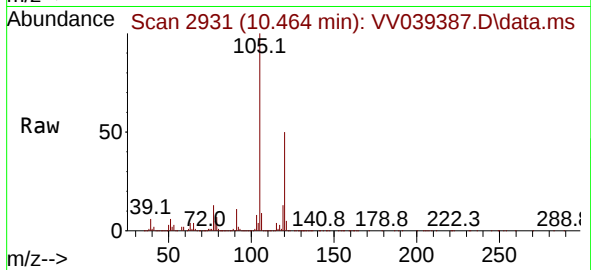




#62
1,3,5-Trimethylbenzene
Concen: 46.710 ug/L
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

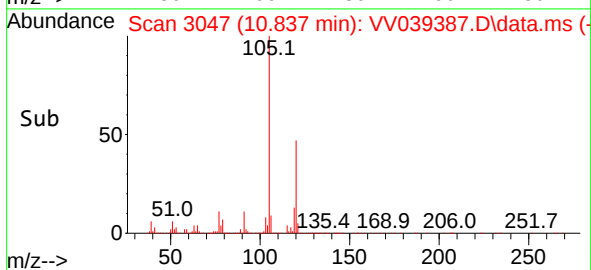
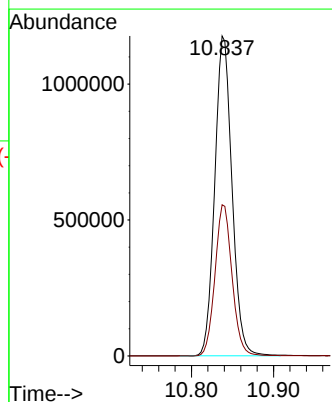
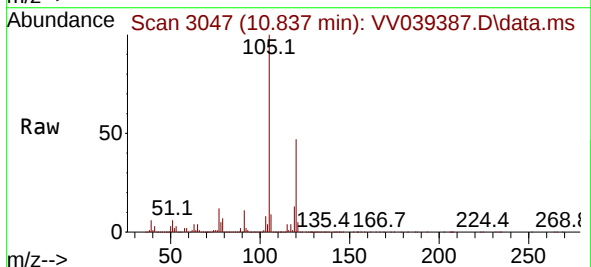
Instrument :
MSVOA_V
ClientSampleId :
VSTD050233

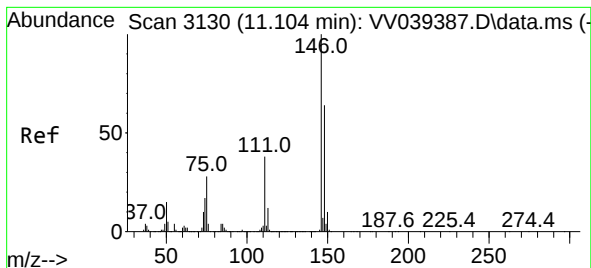
Tgt Ion:105 Resp: 1731314
Ion Ratio Lower Upper
105 100
120 49.8 39.8 59.8



#63
1,2,4-Trimethylbenzene
Concen: 47.191 ug/L
RT: 10.837 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VV039387.D
Acq: 17 Nov 2025 12:30

Tgt Ion:105 Resp: 1721387
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 48.813 ug/L

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD050233

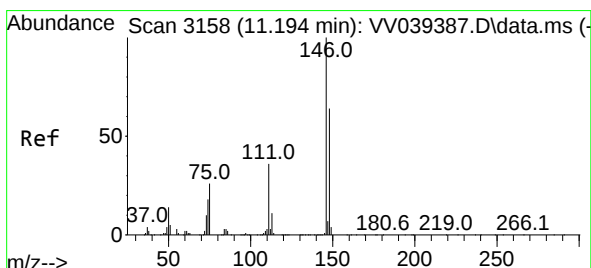
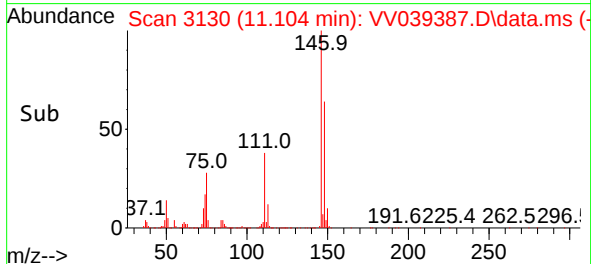
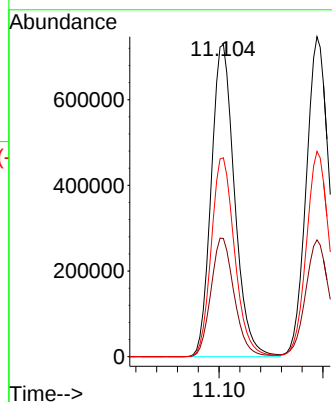
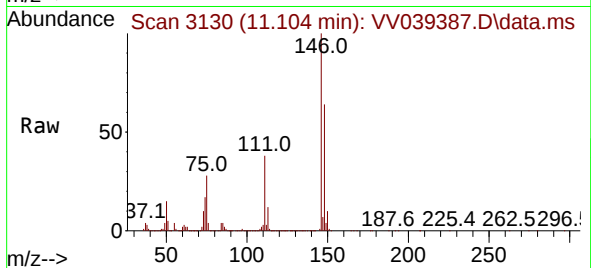
Tgt Ion:146 Resp: 1135743

Ion Ratio Lower Upper

146 100

111 37.9 26.5 49.3

148 63.7 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 47.491 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

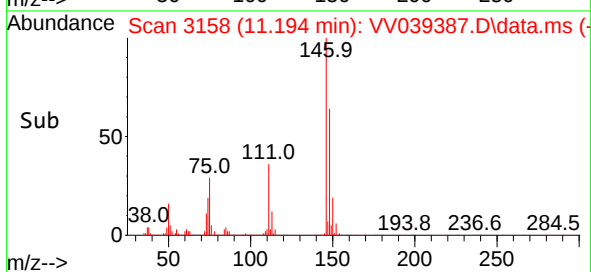
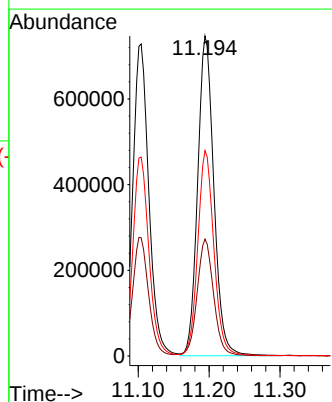
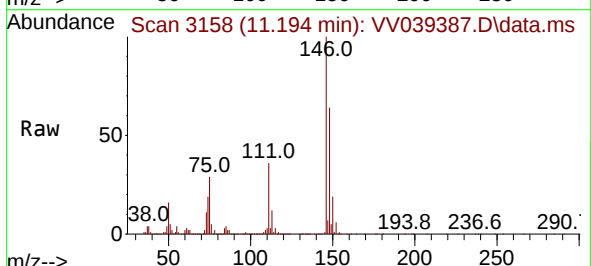
Tgt Ion:146 Resp: 1188099

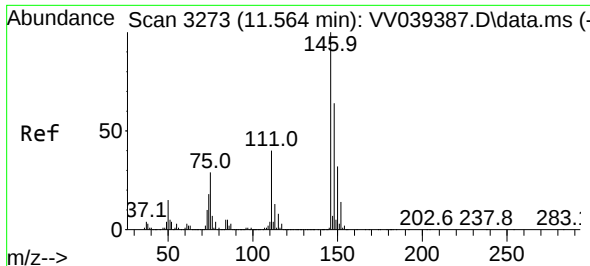
Ion Ratio Lower Upper

146 100

111 36.5 25.6 47.4

148 64.2 44.9 83.5

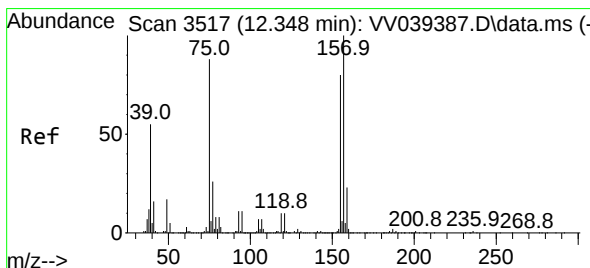
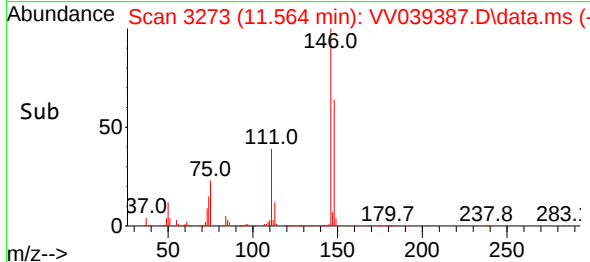
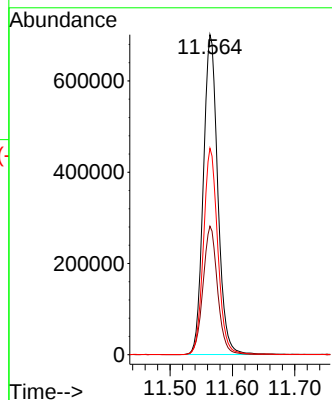
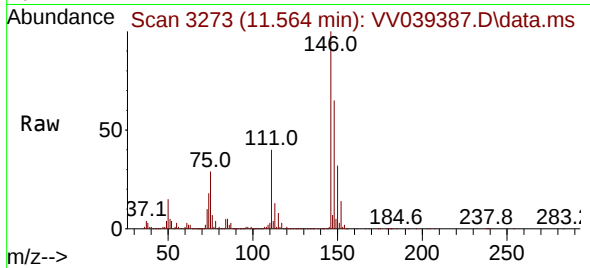




#67
 1,2-Dichlorobenzene
 Concen: 48.013 ug/L
 RT: 11.564 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV039387.D
 Acq: 17 Nov 2025 12:30

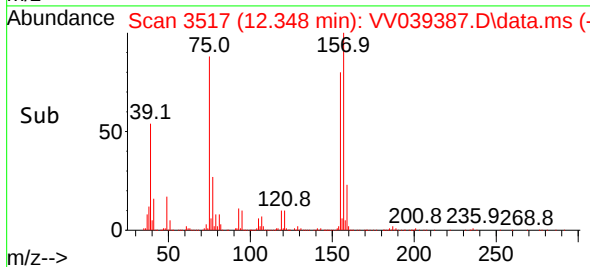
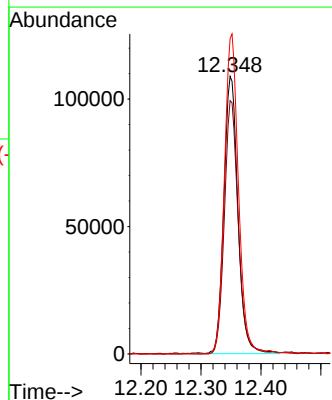
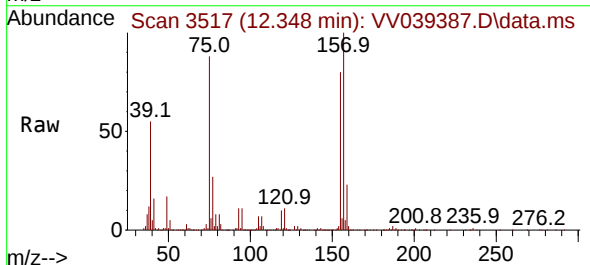
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050233

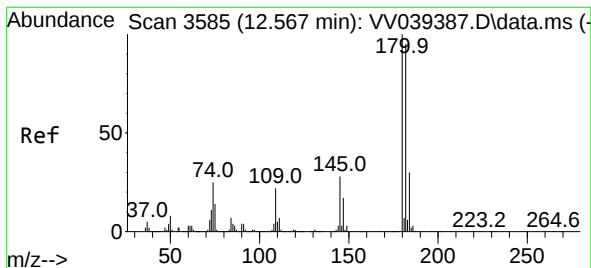
Tgt Ion:146 Resp: 1128347
 Ion Ratio Lower Upper
 146 100
 111 40.2 32.2 48.2
 148 64.5 51.6 77.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 38.301 ug/L
 RT: 12.348 min Scan# 3517
 Delta R.T. 0.000 min
 Lab File: VV039387.D
 Acq: 17 Nov 2025 12:30

Tgt Ion: 75 Resp: 176573
 Ion Ratio Lower Upper
 75 100
 155 91.2 73.0 109.4
 157 113.7 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 51.164 ug/L

RT: 12.567 min Scan# 3585

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD050233

Tgt Ion:180 Resp: 802732

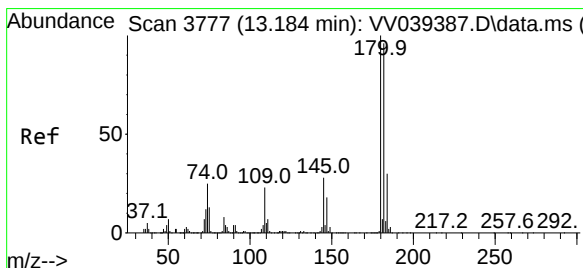
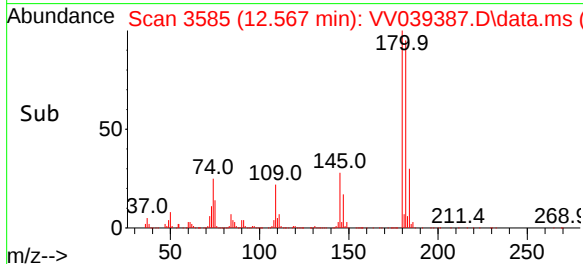
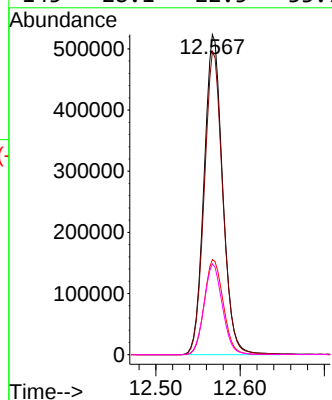
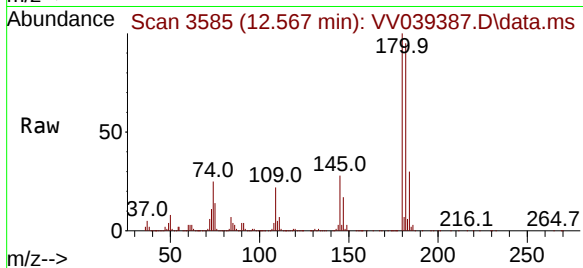
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

184 30.4 24.3 36.5

145 28.1 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 52.248 ug/L

RT: 13.184 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

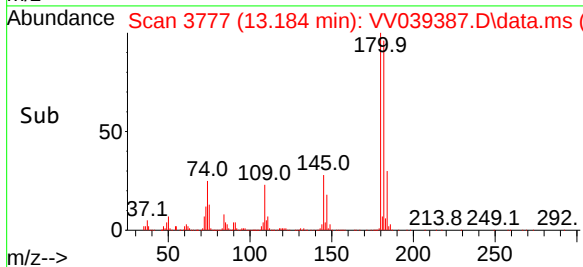
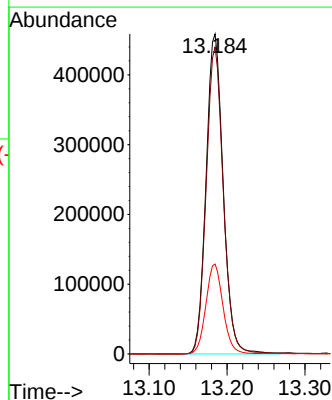
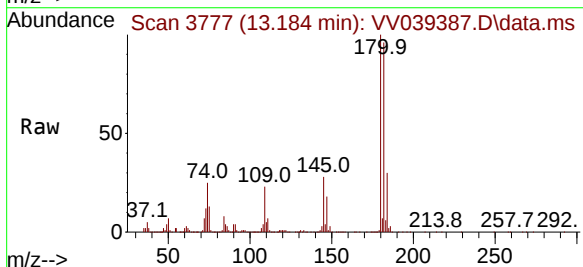
Tgt Ion:180 Resp: 701142

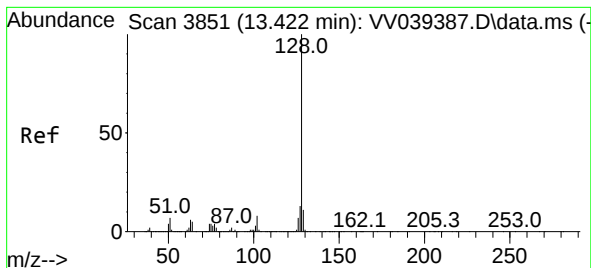
Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 28.1 22.5 33.7





#71

Naphthalene

Concen: 46.536 ug/L

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

Instrument :

MSVOA_V

ClientSampleId :

VSTD050233

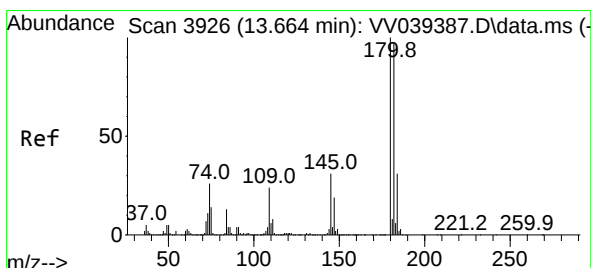
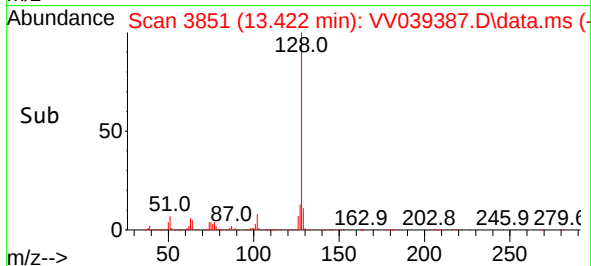
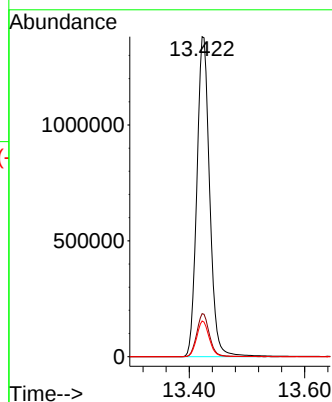
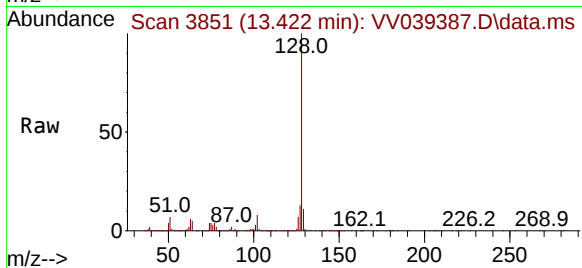
Tgt Ion:128 Resp: 2121079

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 54.010 ug/L

RT: 13.664 min Scan# 3926

Delta R.T. 0.000 min

Lab File: VV039387.D

Acq: 17 Nov 2025 12:30

Tgt Ion:180 Resp: 756230

Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

145 30.4 24.3 36.5

