

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW111825\
 Data File : VW039397.D
 Acq On : 18 Nov 2025 09:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050331

Quant Time: Nov 19 03:41:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 18 01:21:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	1073973	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.773	117	1096360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.172	152	668284	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.291	65	478978	45.762	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.520%
7) Chloroethane-d5	1.545	69	368147	47.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.220%
11) 1,1-Dichloroethene-d2	2.069	65	202830	46.041	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.080%
21) 2-Butanone-d5	3.783	46	432528	78.264	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.260%
24) Chloroform-d	4.246	84	829652	47.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.660%
26) 1,2-Dichloroethane-d4	4.937	65	505818	46.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.720%
32) Benzene-d6	4.957	84	1583923	48.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	5.982	67	479640	46.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.000%
41) Toluene-d8	7.233	98	1513631	50.117	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.240%
43) trans-1,3-Dichloroprop...	7.542	79	236420	45.913	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.820%
47) 2-Hexanone-d5	8.011	63	332845	85.368	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.370%
56) 1,1,2,2-Tetrachloroeth...	10.136	84	693057	46.456	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.920%
66) 1,2-Dichlorobenzene-d4	11.545	152	578350	46.073	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	375930	49.893	ug/L	100
3) Chloromethane	1.230	50	405309	49.069	ug/L	100
5) Vinyl chloride	1.298	62	454071	48.788	ug/L	100
6) Bromomethane	1.497	94	273247	52.715	ug/L	98
8) Chloroethane	1.561	64	295270	48.199	ug/L	99
9) Trichlorofluoromethane	1.725	101	741012	49.218	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.079	101	450007	49.190	ug/L	99
12) 1,1-Dichloroethene	2.082	96	384973	48.876	ug/L	91
13) Acetone	2.114	43	681865	91.136	ug/L	98
14) Carbon disulfide	2.253	76	1098967	49.157	ug/L	100
15) Methyl Acetate	2.378	43	454823	46.782	ug/L	99
16) Methylene chloride	2.455	84	447756	48.534	ug/L	97
17) trans-1,2-Dichloroethene	2.703	96	408567	49.747	ug/L	100
18) Methyl tert-butyl Ether	2.709	73	1198477	47.802	ug/L	99
19) 1,1-Dichloroethane	3.117	63	803458	49.360	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	436840	49.389	ug/L	99
22) 2-Butanone	3.857	43	687468	92.366	ug/L	93
23) Bromochloromethane	4.150	128	260168	49.810	ug/L	97
25) Chloroform	4.275	83	869265	48.905	ug/L	100

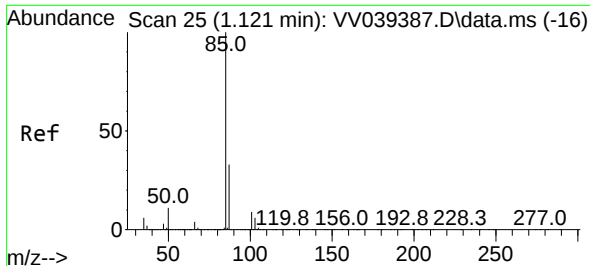
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111825\
 Data File : VV039397.D
 Acq On : 18 Nov 2025 09:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050331

Quant Time: Nov 19 03:41:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111725WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 18 01:21:06 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	647950	49.461	ug/L	100
29) Cyclohexane	4.584	56	657103	50.632	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	756936	48.808	ug/L	99
31) Carbon tetrachloride	4.732	117	702127	49.185	ug/L	99
33) Benzene	5.005	78	1749447	51.105	ug/L	100
34) Trichloroethene	5.828	95	459265	49.660	ug/L	98
35) Methylcyclohexane	6.043	83	693054	50.994	ug/L	99
37) 1,2-Dichloropropane	6.085	63	473895	48.953	ug/L	100
38) Bromodichloromethane	6.423	83	652643	48.495	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	731433	49.066	ug/L	99
40) 4-Methyl-2-pentanone	7.143	43	1230434	101.098	ug/L	99
42) Toluene	7.304	91	1927120	53.121	ug/L	99
44) trans-1,3-Dichloropropene	7.571	75	720340	50.127	ug/L	98
45) 1,1,2-Trichloroethane	7.757	97	494149	49.076	ug/L	97
46) Tetrachloroethene	7.895	164	425750	50.115	ug/L	98
48) 2-Hexanone	8.059	43	1038979	102.184	ug/L	99
49) Dibromochloromethane	8.165	129	550507	47.860	ug/L	99
50) 1,2-Dibromoethane	8.268	107	513133	47.307	ug/L	99
51) Chlorobenzene	8.802	112	1265268	48.655	ug/L	100
52) Ethylbenzene	8.934	91	2060078	52.240	ug/L	99
53) m,p-Xylene	9.059	106	819841	54.315	ug/L	98
54) o-Xylene	9.468	106	760460	52.722	ug/L	97
55) Styrene	9.484	104	1429852	56.368	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.162	83	785201	48.533	ug/L	98
59) Bromoform	9.651	173	466060	45.568	ug/L	99
60) Isopropylbenzene	9.854	105	2077051	51.063	ug/L	100
61) 1,2,3-Trichloropropane	10.194	75	603200	46.291	ug/L	100
62) 1,3,5-Trimethylbenzene	10.464	105	1621956	51.059	ug/L	99
63) 1,2,4-Trimethylbenzene	10.837	105	1637113	52.413	ug/L	99
64) 1,3-Dichlorobenzene	11.104	146	1078046	48.682	ug/L	99
65) 1,4-Dichlorobenzene	11.194	146	1141878	47.861	ug/L	100
67) 1,2-Dichlorobenzene	11.564	146	1067722	48.278	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.349	75	161008	44.011	ug/L	97
69) 1,3,5-Trichlorobenzene	12.567	180	755532	47.898	ug/L	100
70) 1,2,4-trichlorobenzene	13.185	180	630144	45.846	ug/L	99
71) Naphthalene	13.423	128	1873006	48.398	ug/L	100
72) 1,2,3-Trichlorobenzene	13.664	180	708405	49.746	ug/L	100

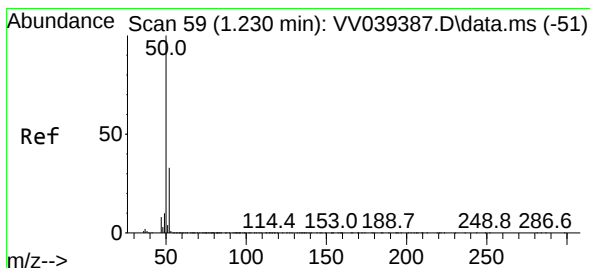
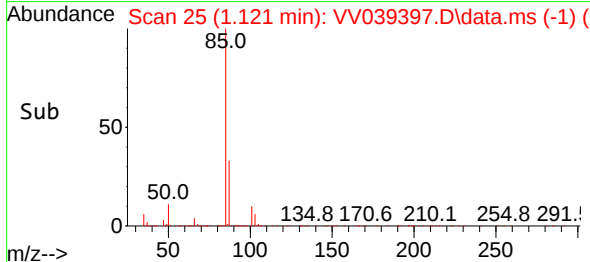
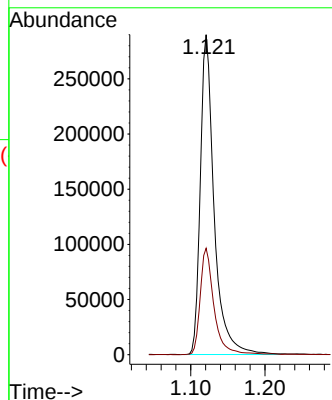
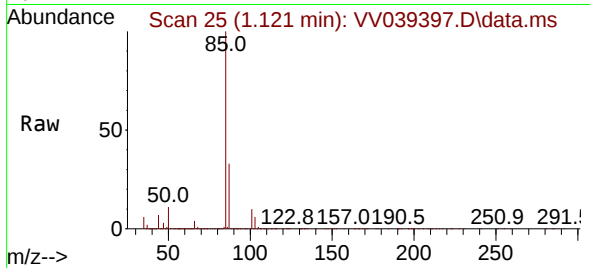
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 49.893 ug/L
 RT: 1.121 min Scan# 25
 Delta R.T. 0.000 min
 Lab File: VV039397.D
 Acq: 18 Nov 2025 09:58

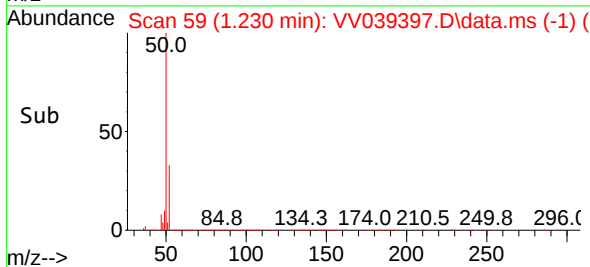
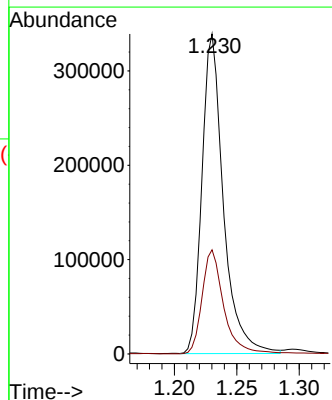
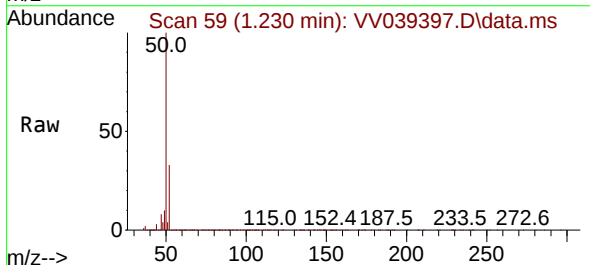
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050331

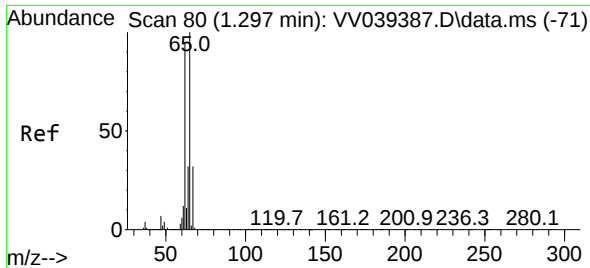
Tgt Ion: 85 Resp: 375930
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.1 39.1



#3
 Chloromethane
 Concen: 49.069 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VV039397.D
 Acq: 18 Nov 2025 09:58

Tgt Ion: 50 Resp: 405309
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.7 42.3

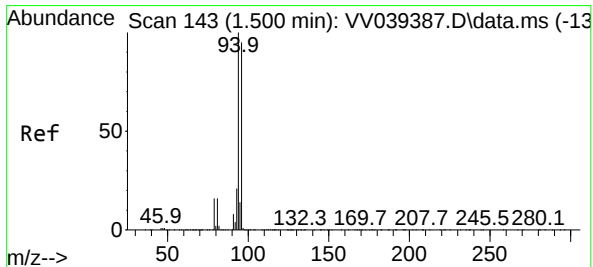
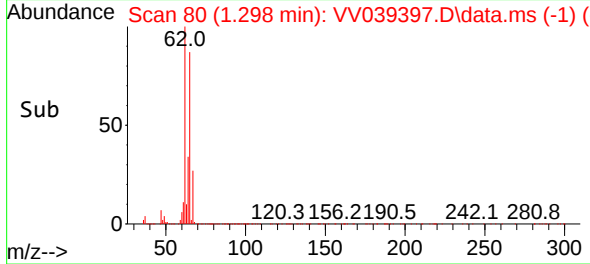
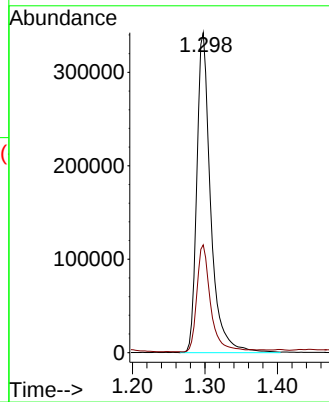
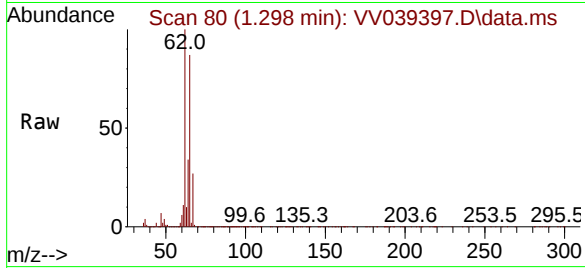




#5
 Vinyl chloride
 Concen: 48.788 ug/L
 RT: 1.298 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VV039397.D
 Acq: 18 Nov 2025 09:58

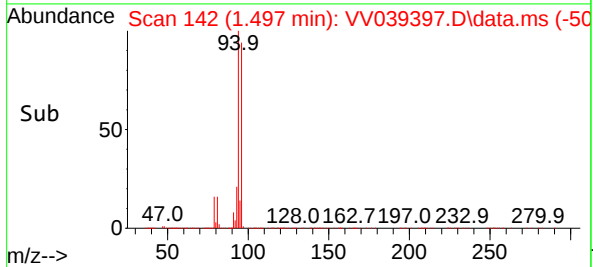
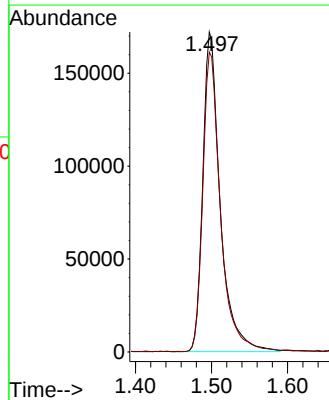
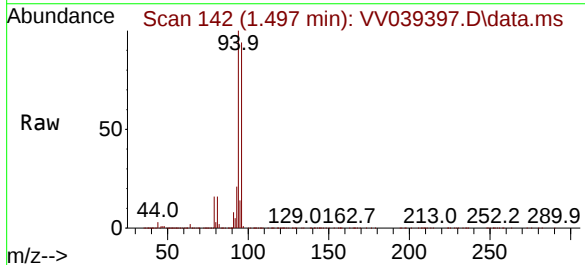
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050331

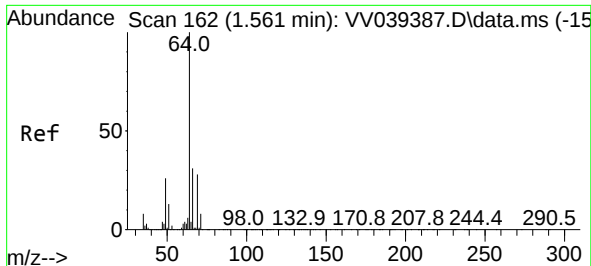
Tgt Ion: 62 Resp: 454071
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.7 44.1



#6
 Bromomethane
 Concen: 52.715 ug/L
 RT: 1.497 min Scan# 142
 Delta R.T. -0.003 min
 Lab File: VV039397.D
 Acq: 18 Nov 2025 09:58

Tgt Ion: 94 Resp: 273247
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.6 123.8

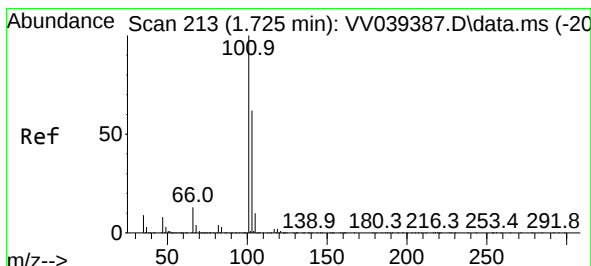
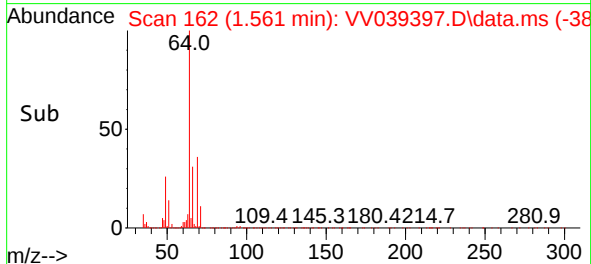
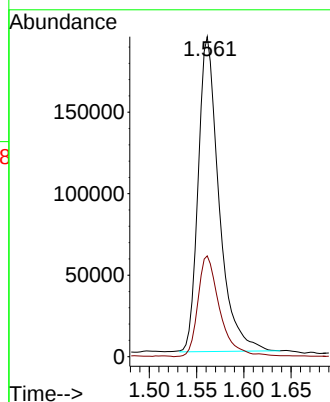
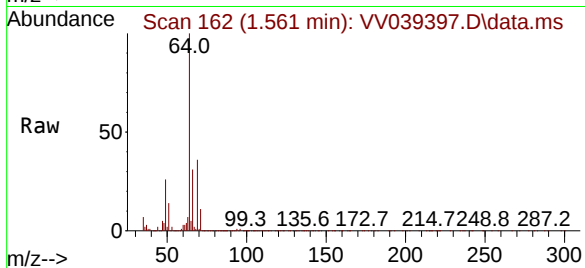




#8
Chloroethane
Concen: 48.199 ug/L
RT: 1.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

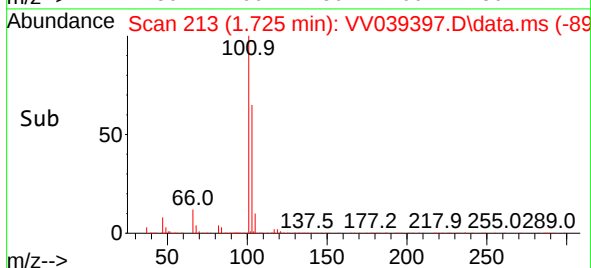
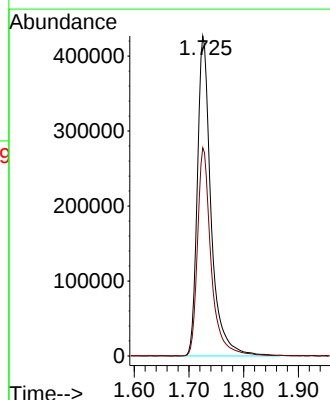
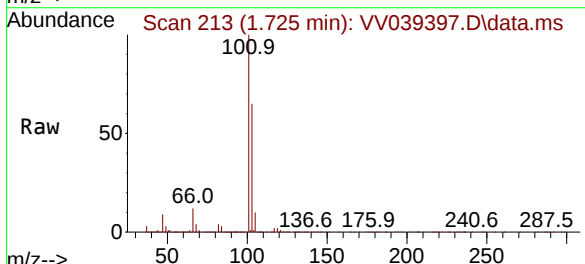
Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

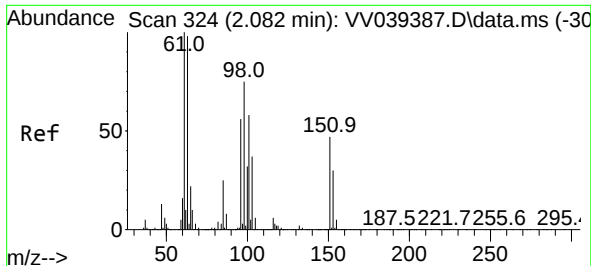
Tgt Ion: 64 Resp: 295270
Ion Ratio Lower Upper
64 100
66 31.5 21.6 40.2



#9
Trichlorofluoromethane
Concen: 49.218 ug/L
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion: 101 Resp: 741012
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.6

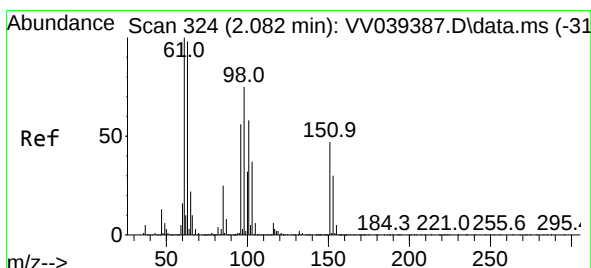
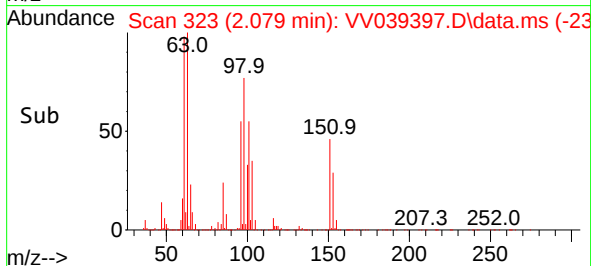
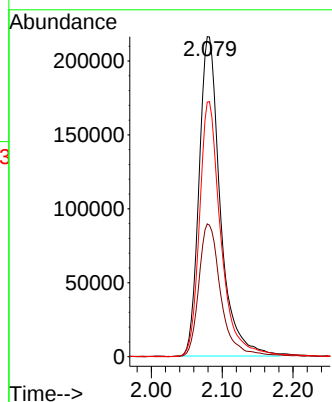
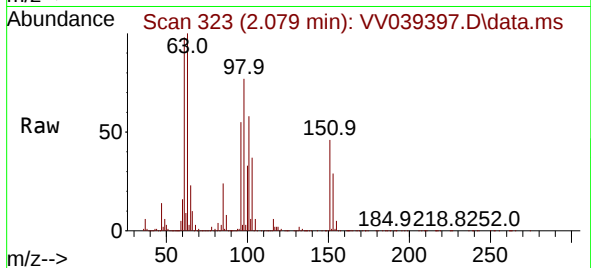




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.190 ug/L
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

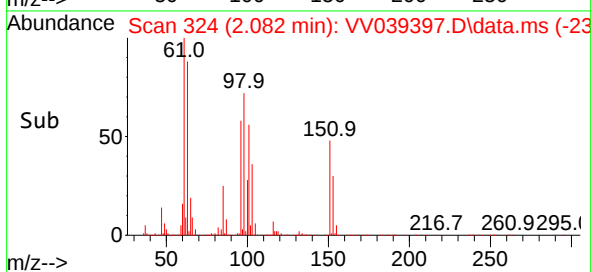
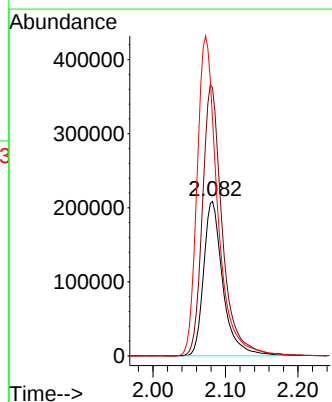
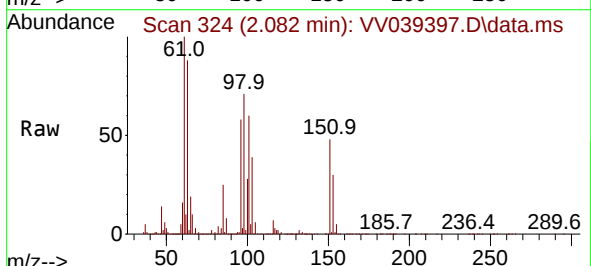
Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

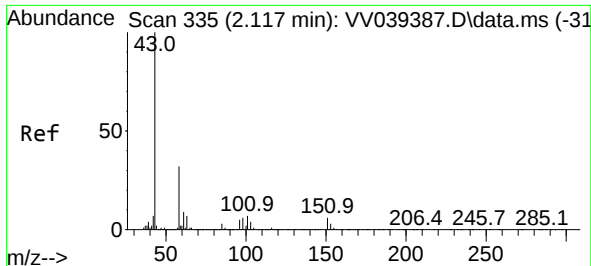
Tgt Ion:101 Resp: 450007
Ion Ratio Lower Upper
101 100
85 42.7 33.7 50.5
151 80.4 63.6 95.4



#12
1,1-Dichloroethene
Concen: 48.876 ug/L
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion: 96 Resp: 384973
Ion Ratio Lower Upper
96 100
61 173.5 124.3 230.8
63 153.1 121.8 226.2

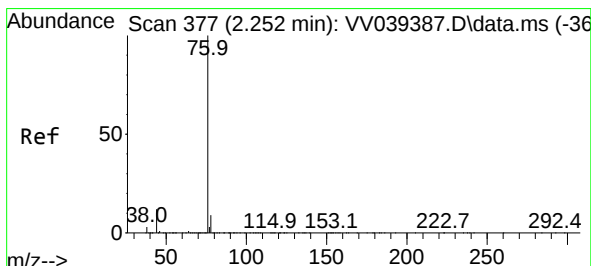
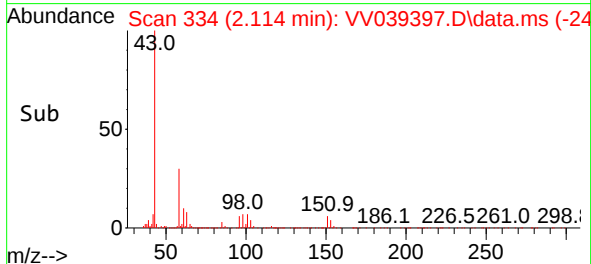
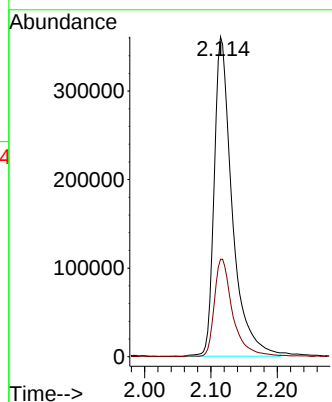
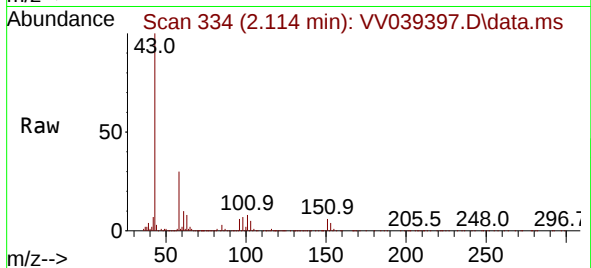




#13
Acetone
Concen: 91.136 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

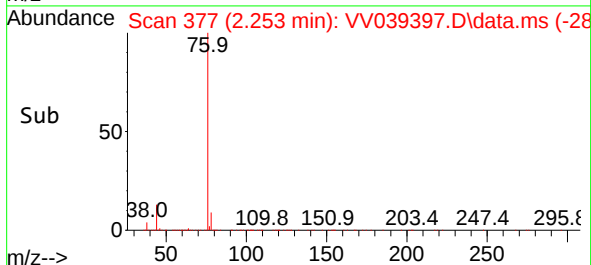
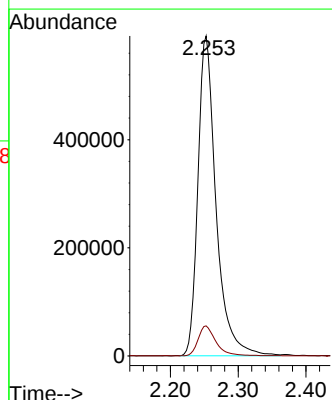
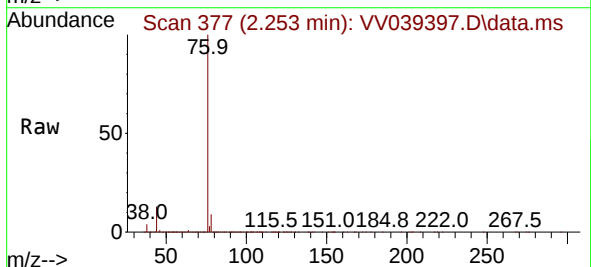
Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

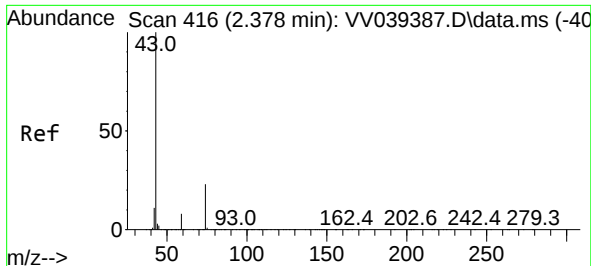
Tgt Ion: 43 Resp: 681865
Ion Ratio Lower Upper
43 100
58 30.6 0.0 63.2



#14
Carbon disulfide
Concen: 49.157 ug/L
RT: 2.253 min Scan# 377
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion: 76 Resp: 1098967
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

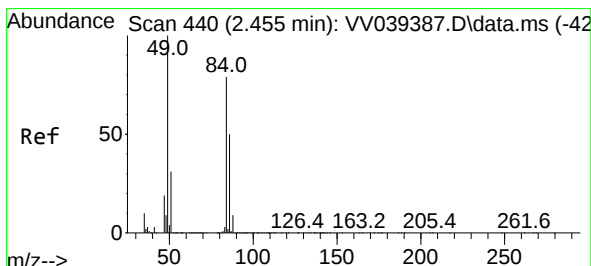
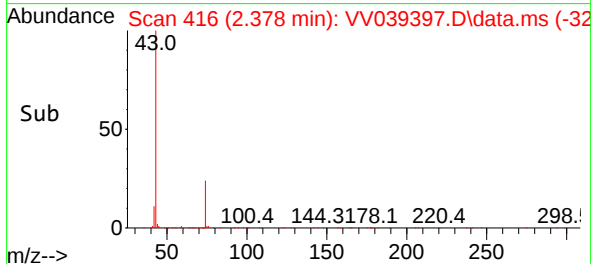
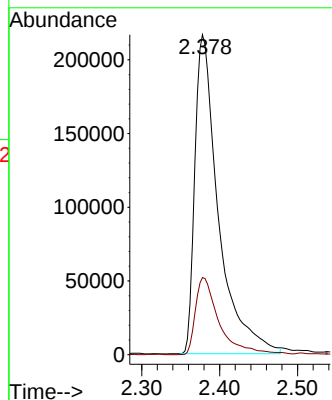
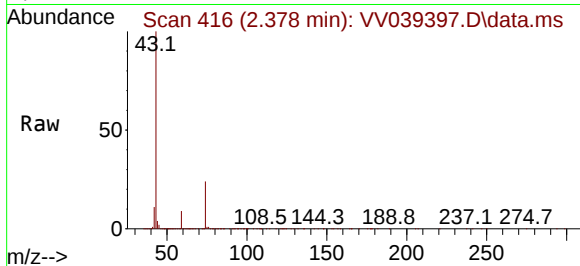




#15
Methyl Acetate
Concen: 46.782 ug/L
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

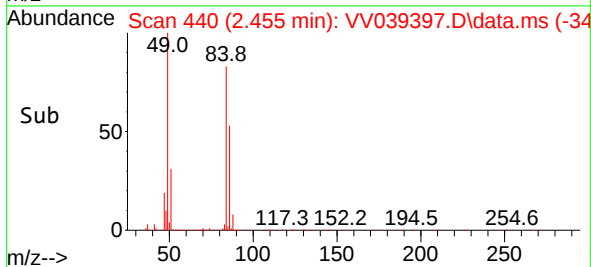
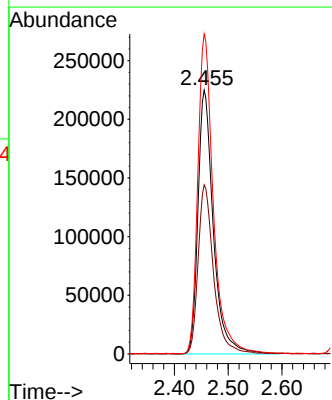
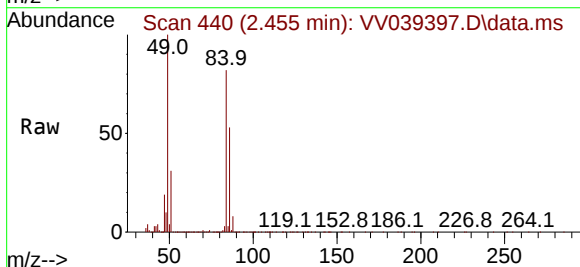
Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

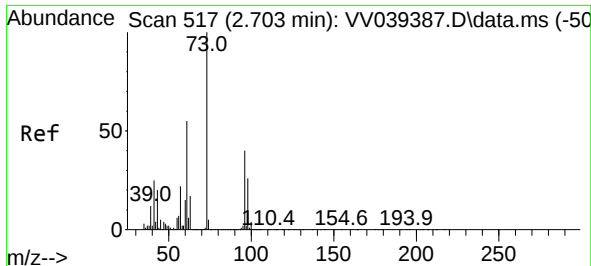
Tgt Ion: 43 Resp: 454823
Ion Ratio Lower Upper
43 100
74 24.0 18.7 28.1



#16
Methylene chloride
Concen: 48.534 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion: 84 Resp: 447756
Ion Ratio Lower Upper
84 100
86 64.1 44.4 82.5
49 121.2 88.2 163.8

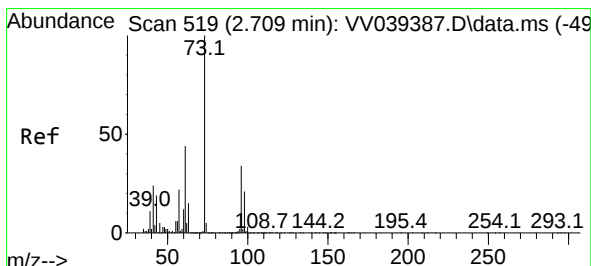
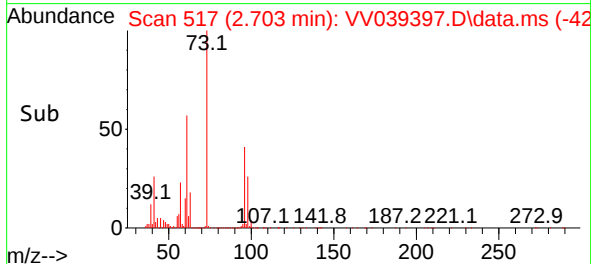
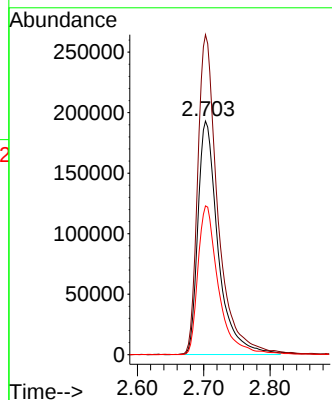
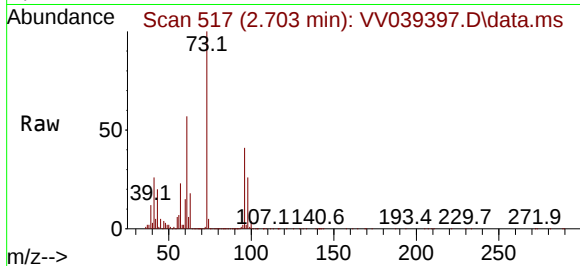




#17
trans-1,2-Dichloroethene
Concen: 49.747 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

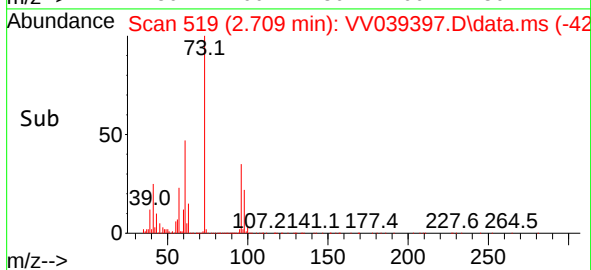
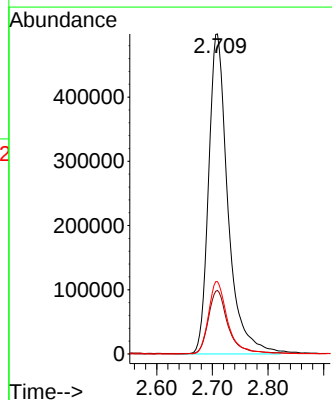
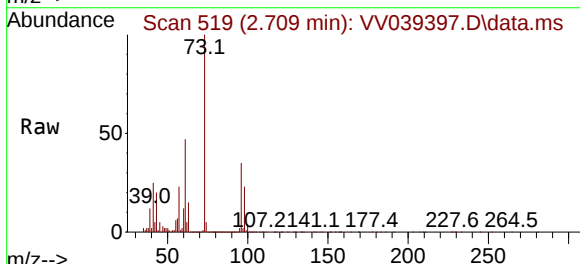
Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

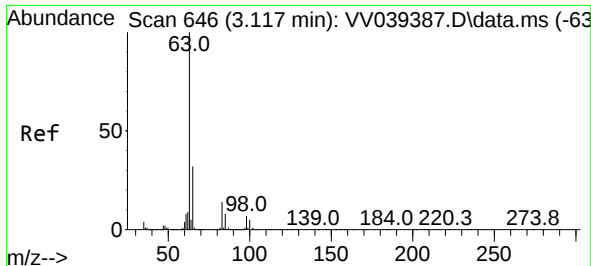
Tgt Ion: 96 Resp: 408567
Ion Ratio Lower Upper
96 100
61 137.0 96.1 178.5
98 63.7 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 47.802 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion: 73 Resp: 1198477
Ion Ratio Lower Upper
73 100
43 19.9 15.4 23.2
57 22.3 17.6 26.4

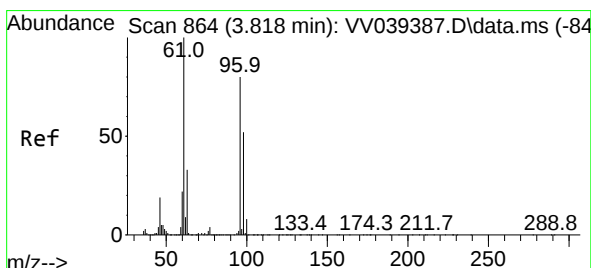
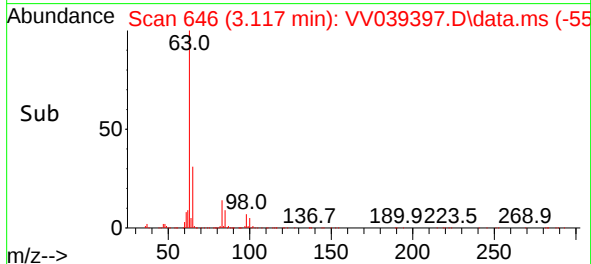
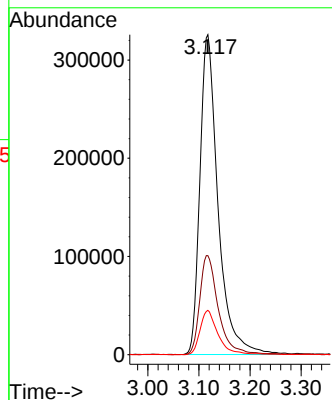
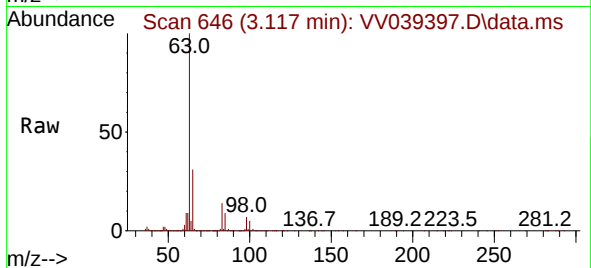




#19
1,1-Dichloroethane
Concen: 49.360 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

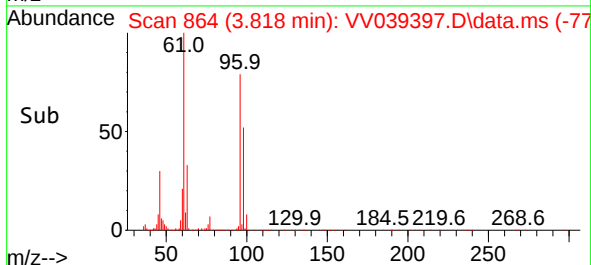
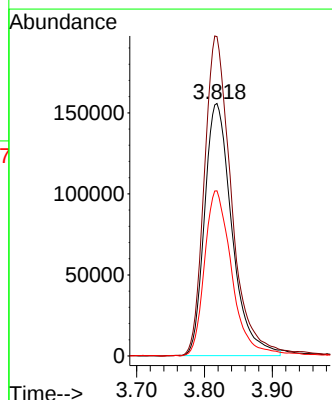
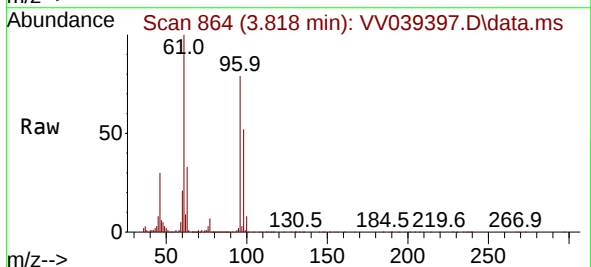
Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

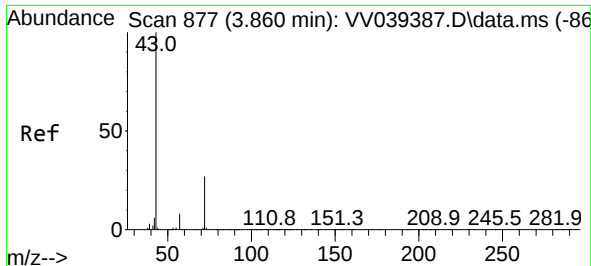
Tgt Ion: 63 Resp: 803458
Ion Ratio Lower Upper
63 100
65 30.9 22.4 41.6
83 13.8 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 49.389 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion: 96 Resp: 436840
Ion Ratio Lower Upper
96 100
61 126.5 87.3 162.1
98 65.4 45.1 83.7

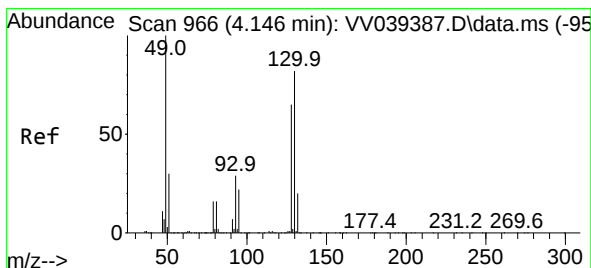
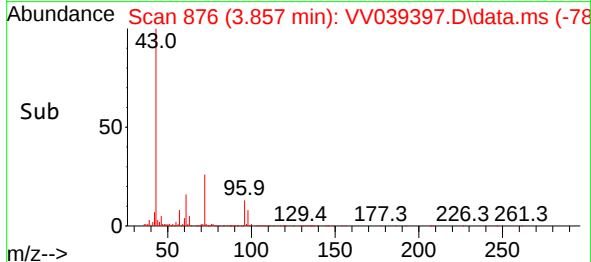
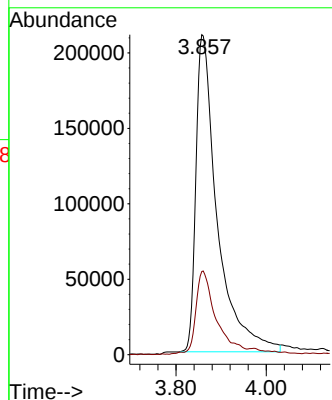
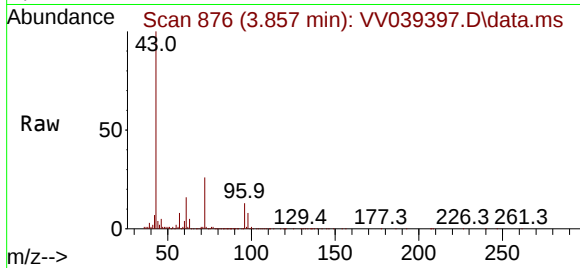




#22
2-Butanone
Concen: 92.366 ug/L
RT: 3.857 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

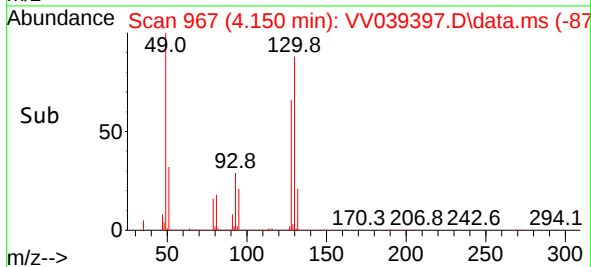
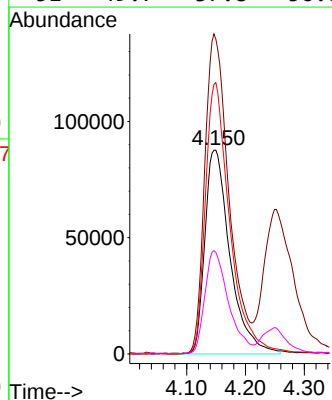
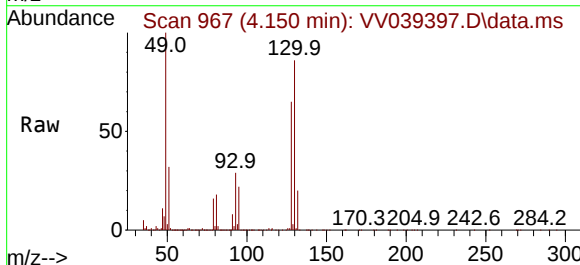
Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

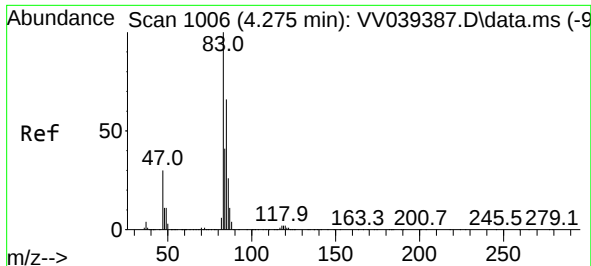
Tgt Ion: 43 Resp: 687468
Ion Ratio Lower Upper
43 100
72 23.0 13.3 39.9



#23
Bromochloromethane
Concen: 49.810 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.003 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion:128 Resp: 260168
Ion Ratio Lower Upper
128 100
49 154.4 108.6 201.6
130 133.1 89.2 165.6
51 49.7 37.8 56.8

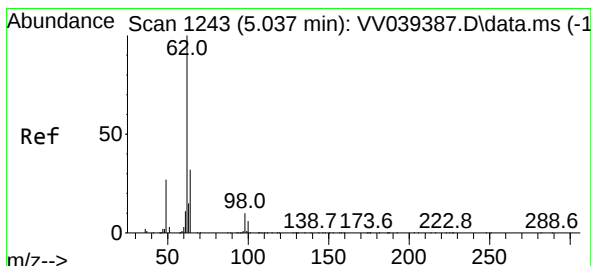
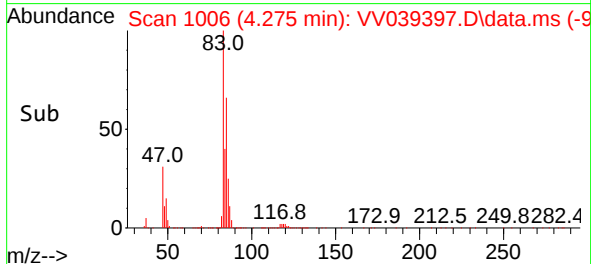
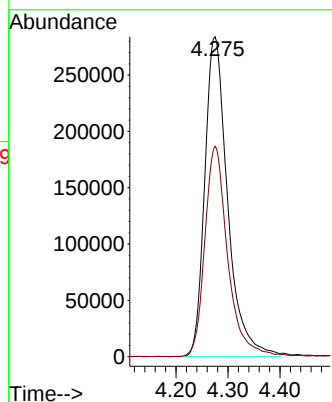
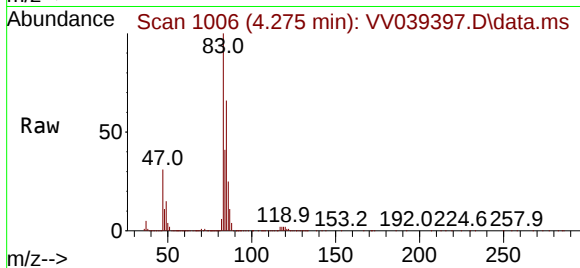




#25
Chloroform
Concen: 48.905 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

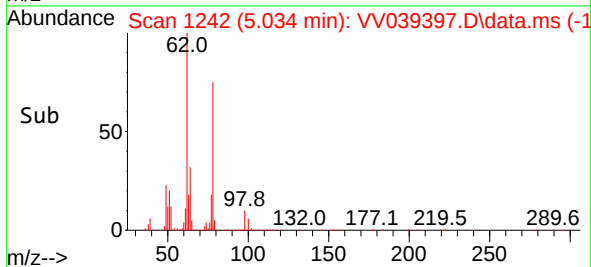
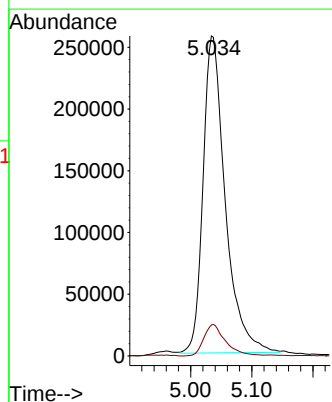
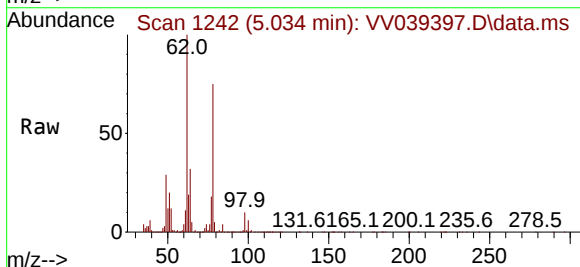
Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

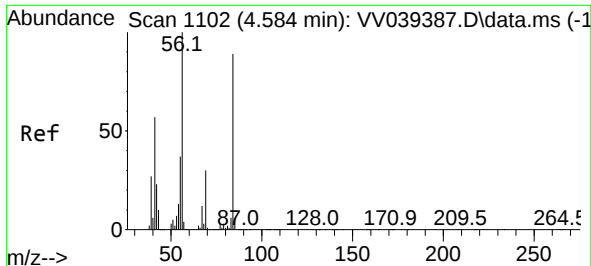
Tgt Ion: 83 Resp: 869265
Ion Ratio Lower Upper
83 100
85 65.7 46.0 85.4



#27
1,2-Dichloroethane
Concen: 49.461 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion: 62 Resp: 647950
Ion Ratio Lower Upper
62 100
98 9.7 7.7 11.5





#29

Cyclohexane

Concen: 50.632 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD050331

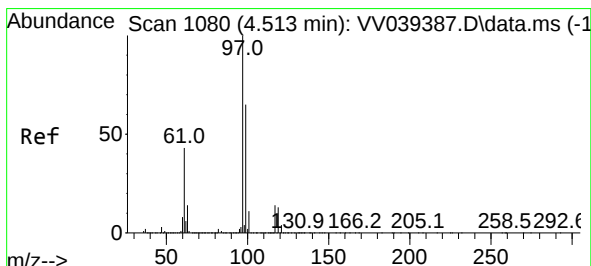
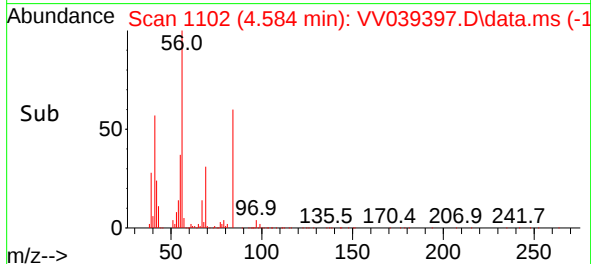
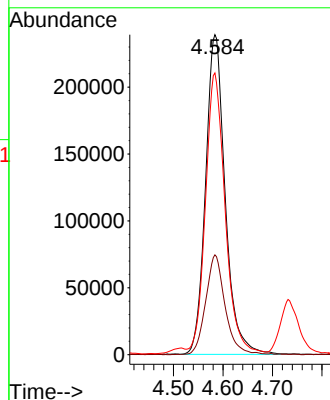
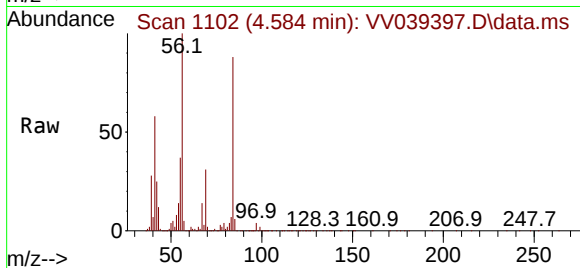
Tgt Ion: 56 Resp: 657103

Ion Ratio Lower Upper

56 100

69 30.4 24.1 36.1

84 87.8 70.7 106.1



#30

1,1,1-Trichloroethane

Concen: 48.808 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

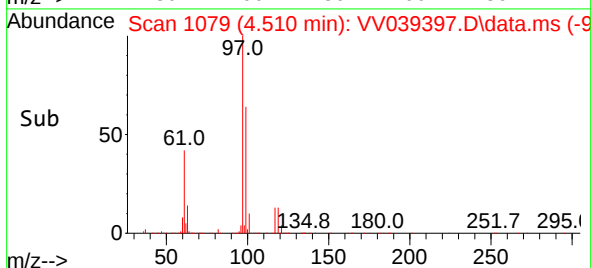
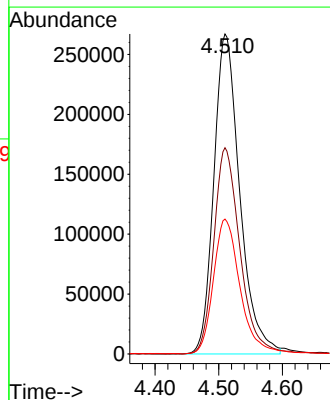
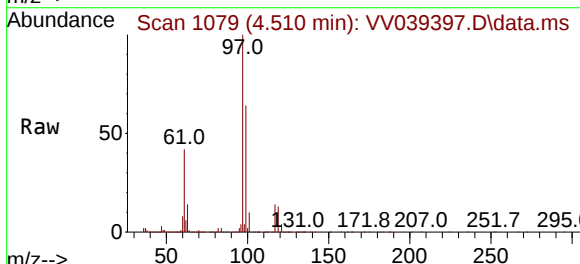
Tgt Ion: 97 Resp: 756936

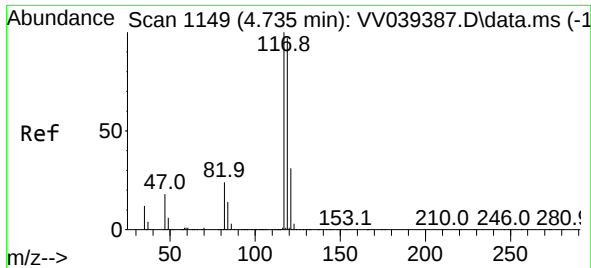
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 43.5 34.5 51.7

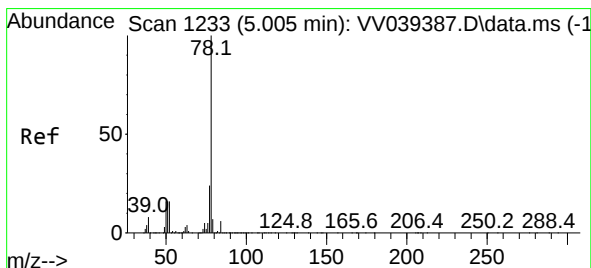
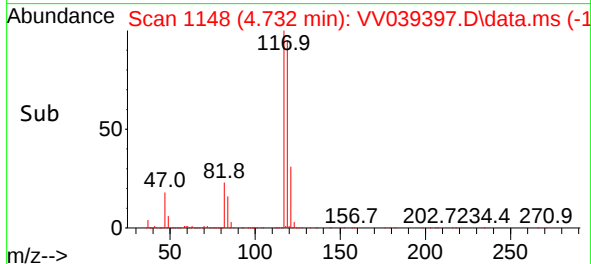
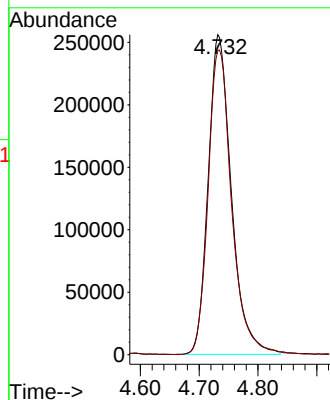
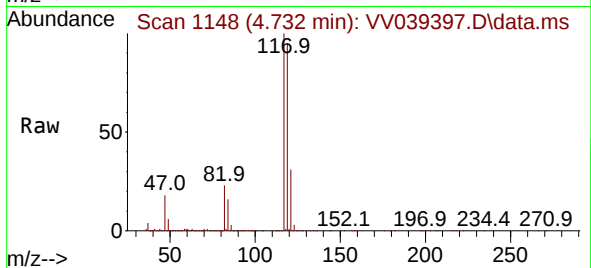




#31
Carbon tetrachloride
Concen: 49.185 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

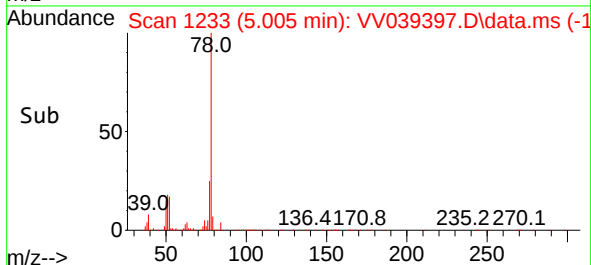
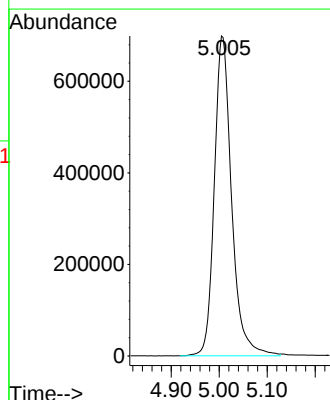
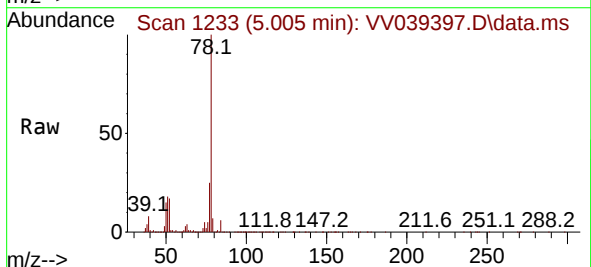
Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

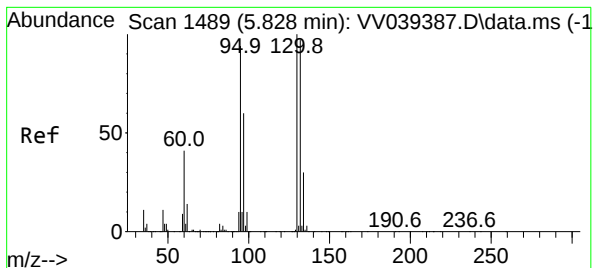
Tgt Ion:117 Resp: 702127
Ion Ratio Lower Upper
117 100
119 96.6 76.7 115.1



#33
Benzene
Concen: 51.105 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion: 78 Resp: 1749447





#34

Trichloroethene

Concen: 49.660 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD050331

Tgt Ion: 95 Resp: 459265

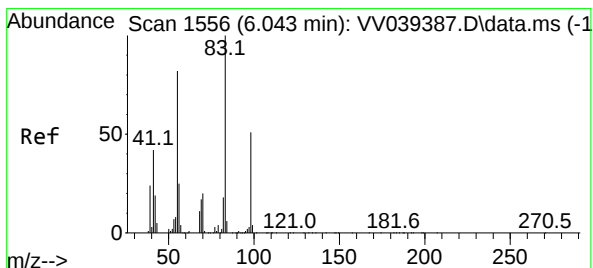
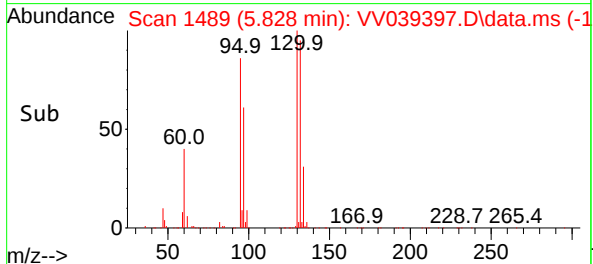
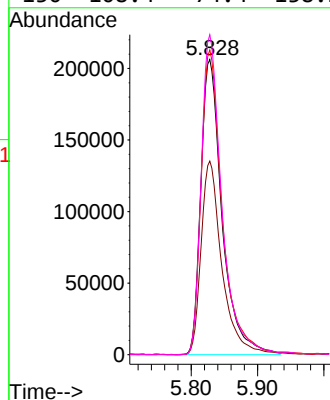
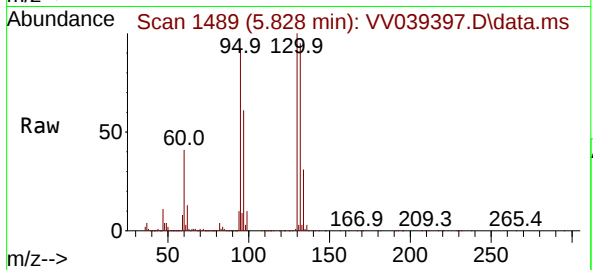
Ion Ratio Lower Upper

95 100

97 65.6 44.4 82.5

132 103.3 71.9 133.5

130 108.4 74.4 138.2



#35

Methylcyclohexane

Concen: 50.994 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

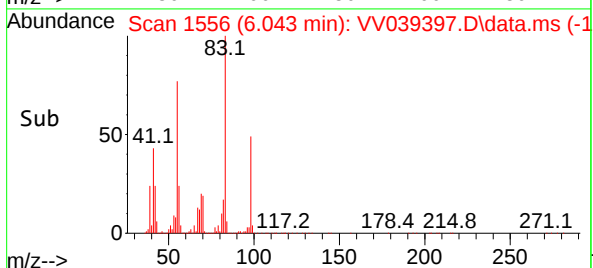
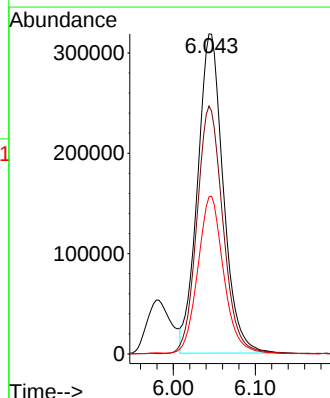
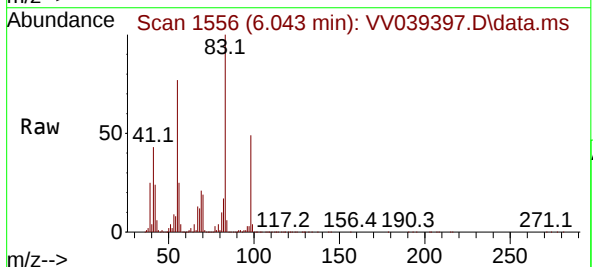
Tgt Ion: 83 Resp: 693054

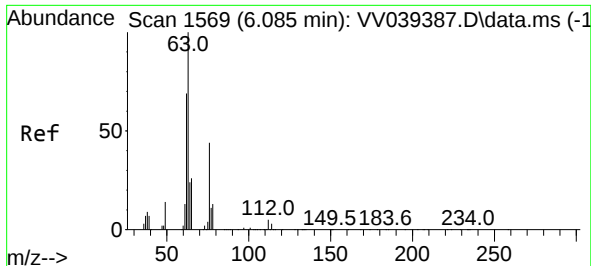
Ion Ratio Lower Upper

83 100

55 78.5 62.5 93.7

98 49.6 39.2 58.8





#37

1,2-Dichloropropane

Concen: 48.953 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

Instrument :

MSVOA_V

ClientSampleId :

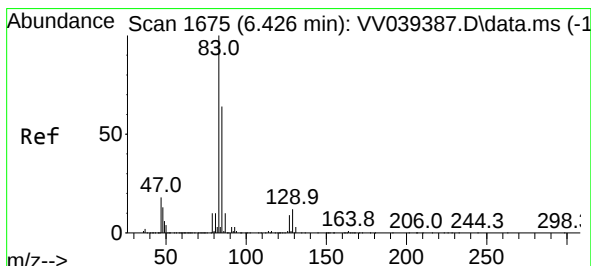
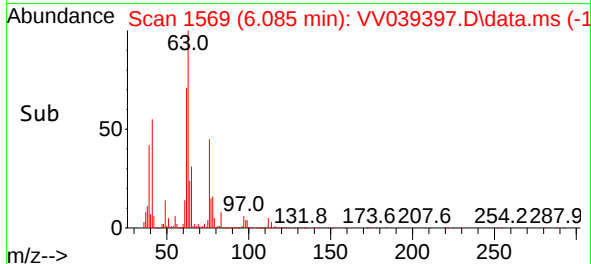
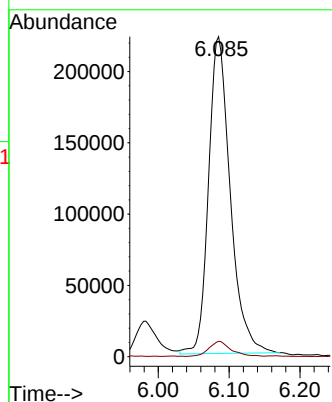
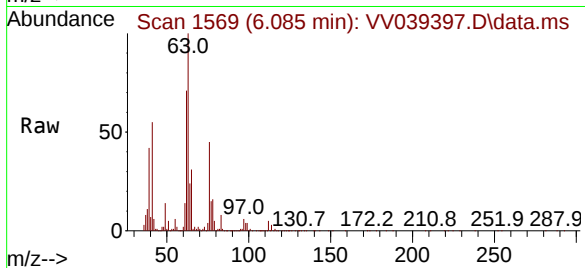
VSTD050331

Tgt Ion: 63 Resp: 473895

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 48.495 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. -0.003 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

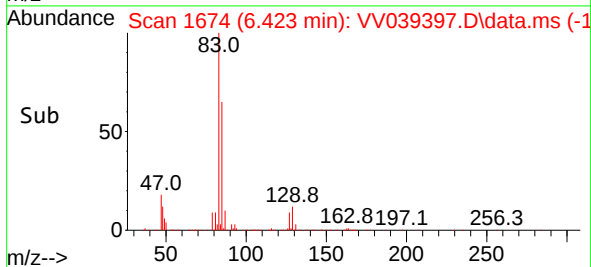
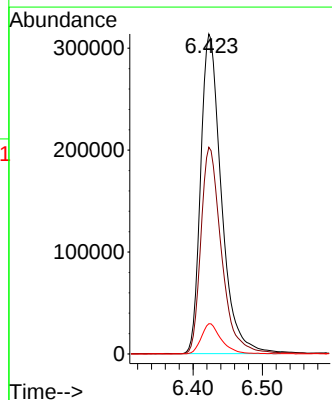
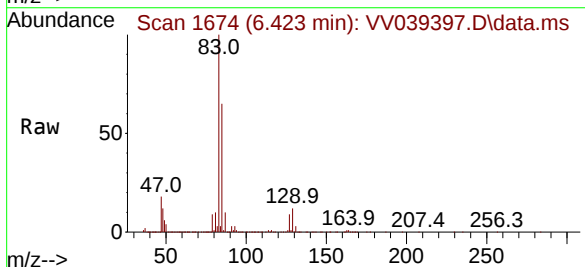
Tgt Ion: 83 Resp: 652643

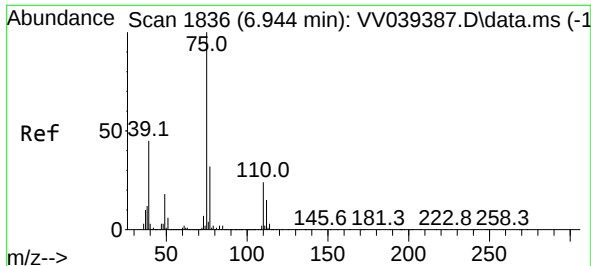
Ion Ratio Lower Upper

83 100

85 64.6 44.9 83.5

127 9.4 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 49.066 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

Instrument :

MSVOA_V

ClientSampleId :

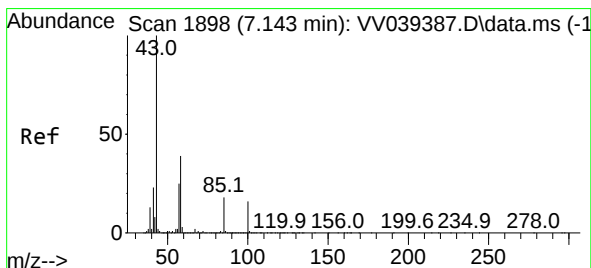
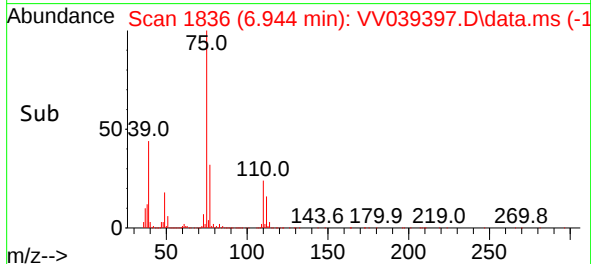
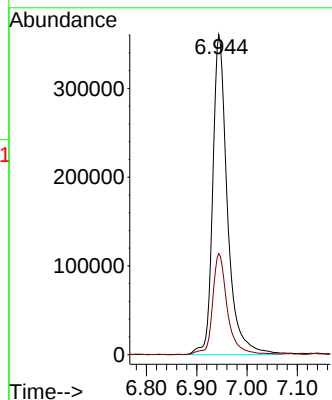
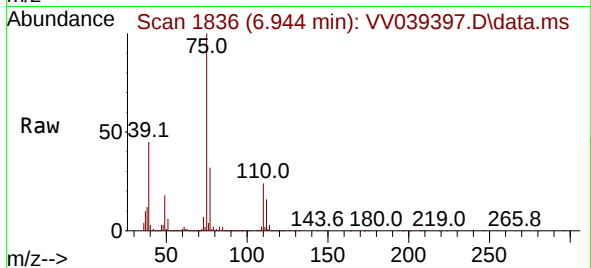
VSTD050331

Tgt Ion: 75 Resp: 731433

Ion Ratio Lower Upper

75 100

77 31.6 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 101.098 ug/L

RT: 7.143 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

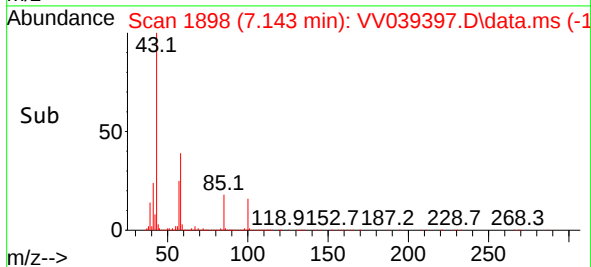
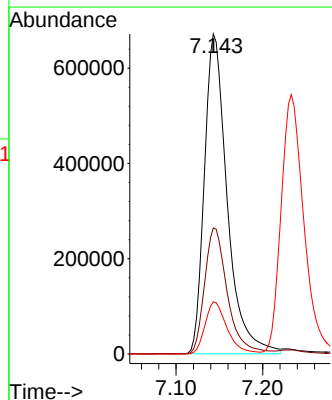
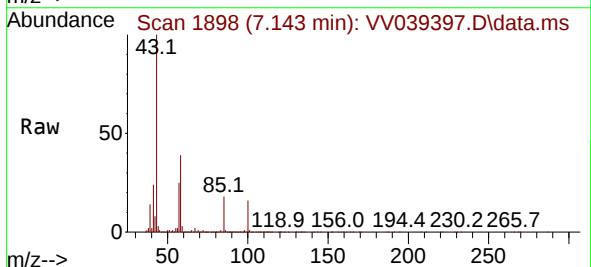
Tgt Ion: 43 Resp: 1230434

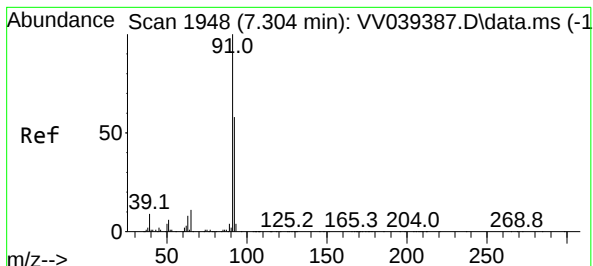
Ion Ratio Lower Upper

43 100

58 39.3 30.8 46.2

100 15.7 12.5 18.7





#42

Toluene

Concen: 53.121 ug/L

RT: 7.304 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

Instrument :

MSVOA_V

ClientSampleId :

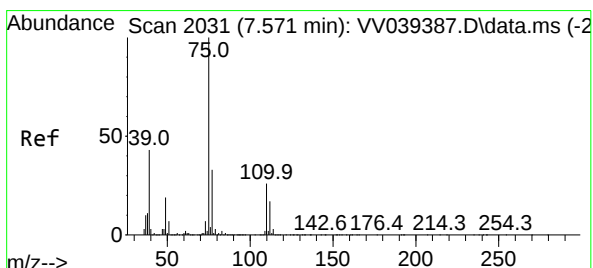
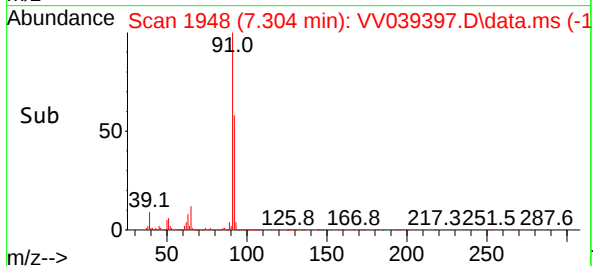
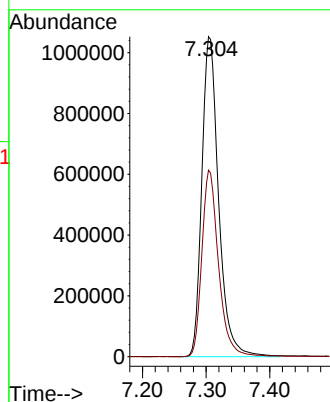
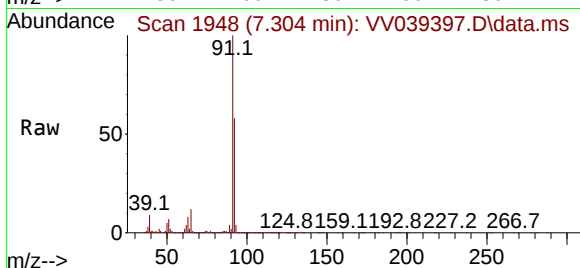
VSTD050331

Tgt Ion: 91 Resp: 1927120

Ion Ratio Lower Upper

91 100

92 58.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 50.127 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VV039397.D

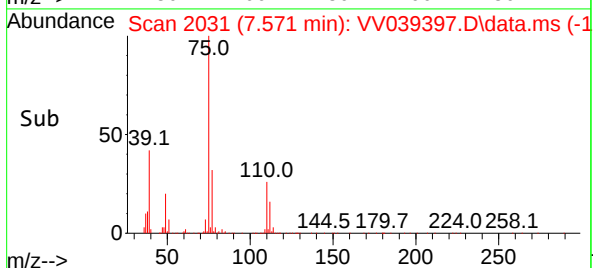
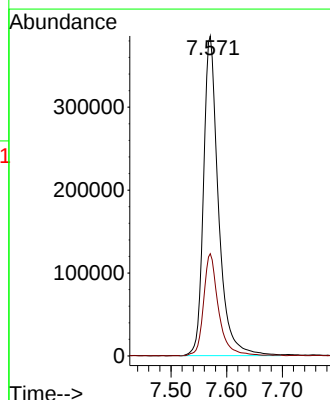
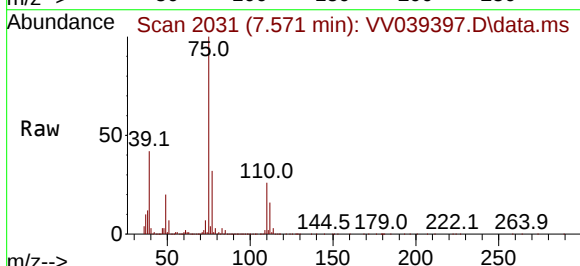
Acq: 18 Nov 2025 09:58

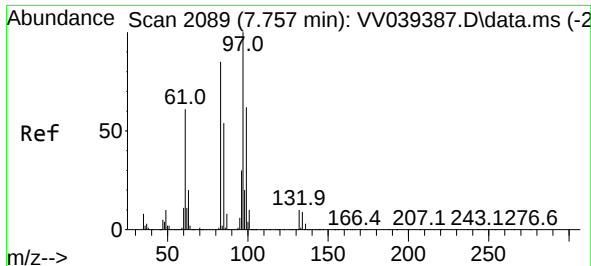
Tgt Ion: 75 Resp: 720340

Ion Ratio Lower Upper

75 100

77 31.9 23.0 42.6



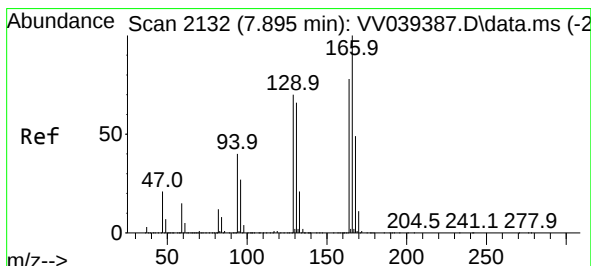
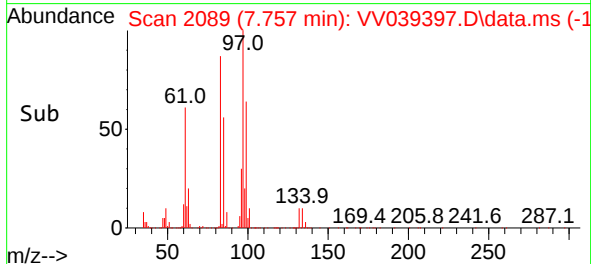
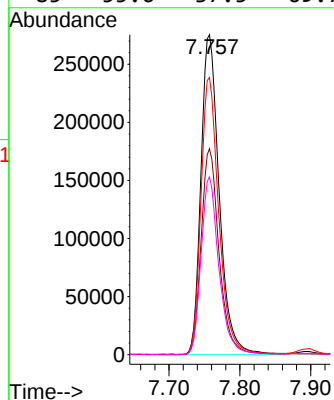
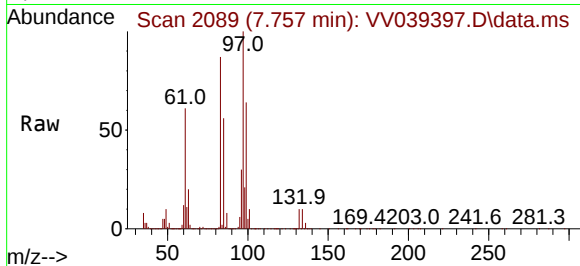


#45
1,1,2-Trichloroethane
Concen: 49.076 ug/L
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

Tgt Ion: 97 Resp: 494149

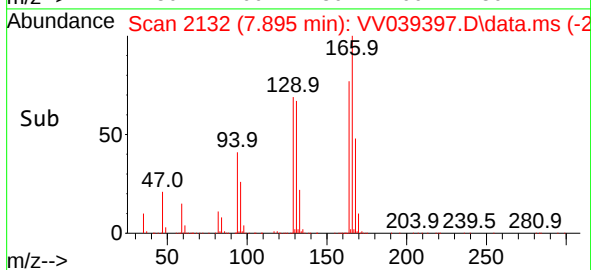
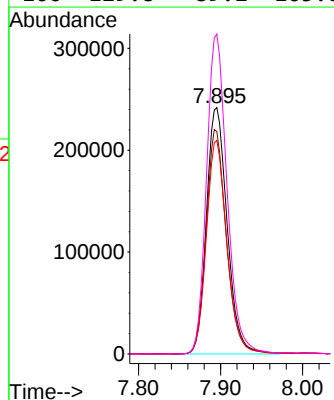
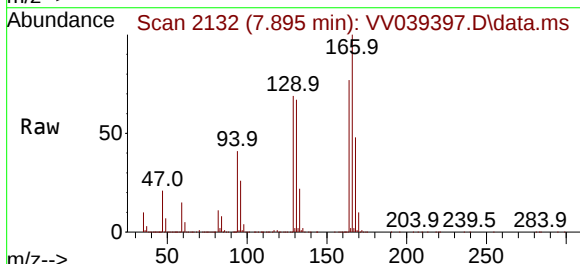
Ion	Ratio	Lower	Upper
97	100		
99	64.4	43.7	81.1
83	86.7	59.1	109.9
85	55.6	37.5	69.7

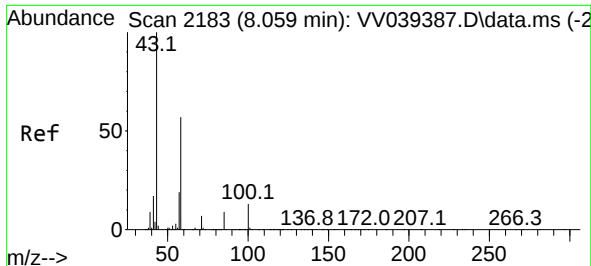


#46
Tetrachloroethene
Concen: 50.115 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion: 164 Resp: 425750

Ion	Ratio	Lower	Upper
164	100		
129	90.2	62.0	115.2
131	86.7	59.1	109.7
166	129.8	89.2	165.8



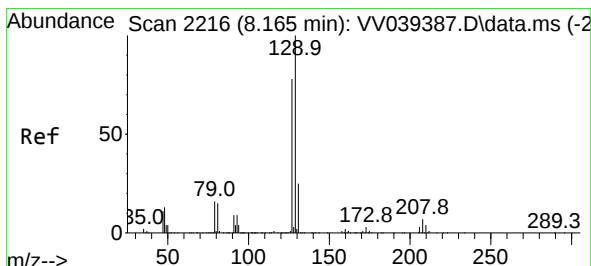
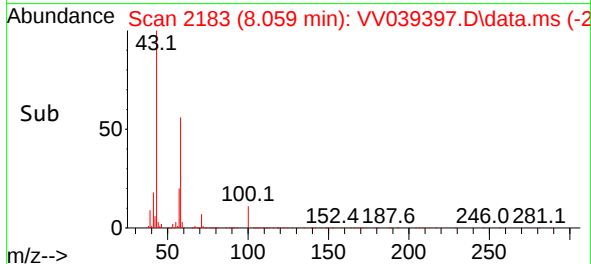
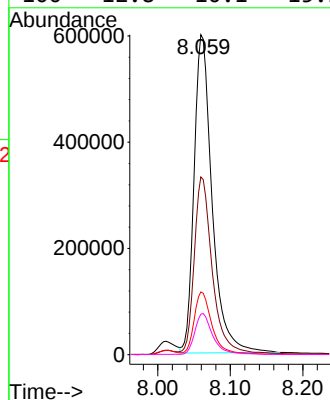
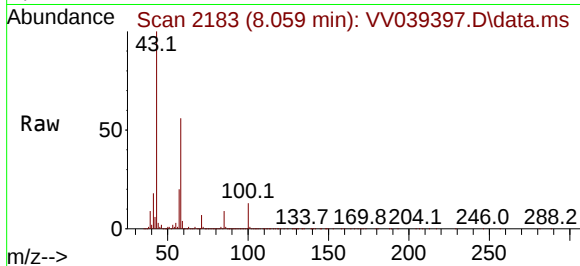


#48
2-Hexanone
Concen: 102.184 ug/L
RT: 8.059 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

Tgt Ion: 43 Resp: 1038979

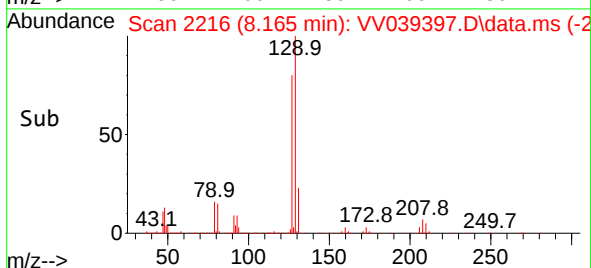
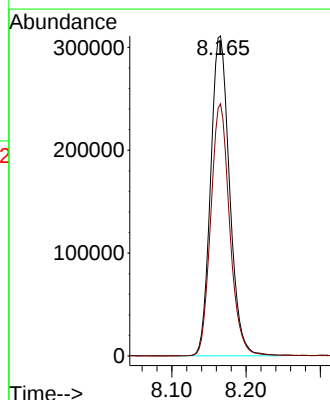
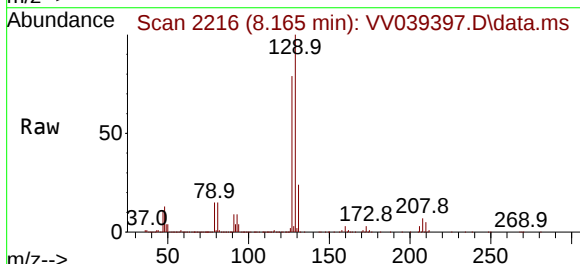
Ion	Ratio	Lower	Upper
43	100		
58	55.9	45.0	67.4
57	19.6	15.0	22.6
100	12.8	10.1	15.1

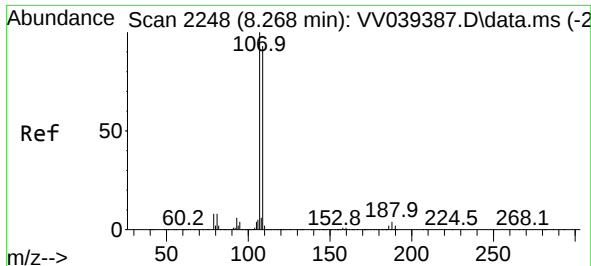


#49
Dibromochloromethane
Concen: 47.860 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion: 129 Resp: 550507

Ion	Ratio	Lower	Upper
129	100		
127	78.8	54.8	101.8





#50

1,2-Dibromoethane

Concen: 47.307 ug/L

RT: 8.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD050331

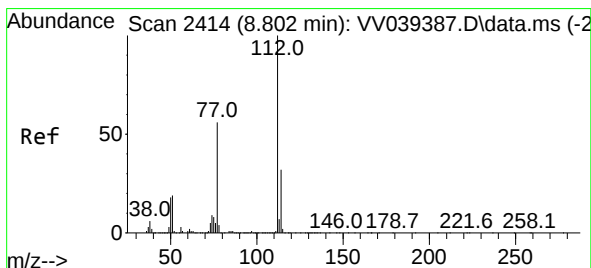
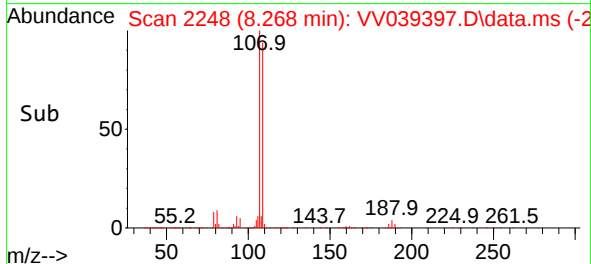
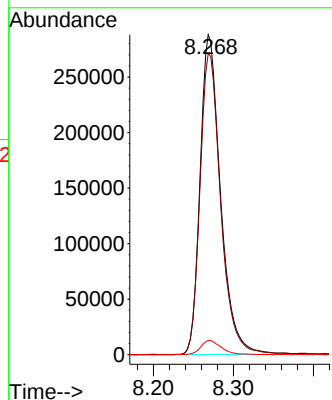
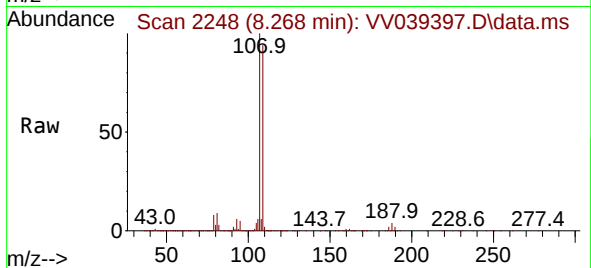
Tgt Ion:107 Resp: 513133

Ion Ratio Lower Upper

107 100

109 94.2 65.0 120.8

188 4.4 3.2 4.8



#51

Chlorobenzene

Concen: 48.655 ug/L

RT: 8.802 min Scan# 2414

Delta R.T. 0.000 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

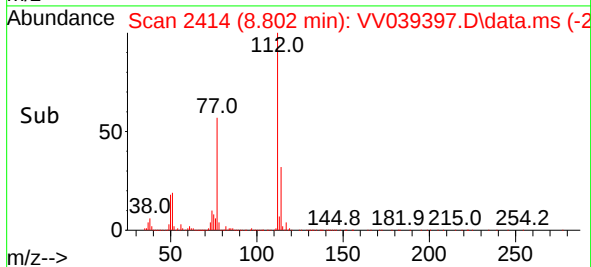
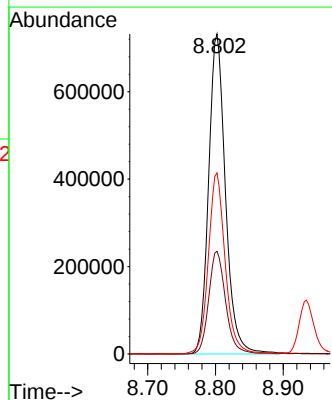
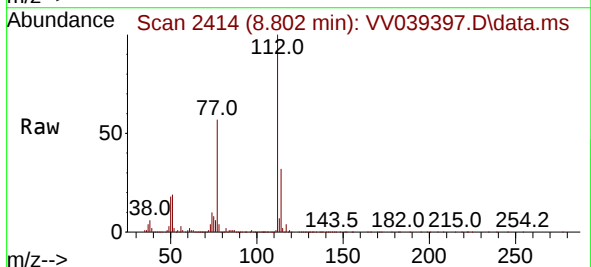
Tgt Ion:112 Resp: 1265268

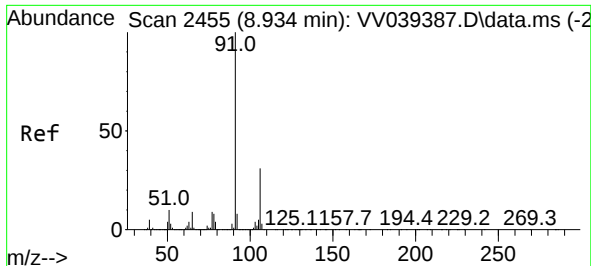
Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 56.6 45.1 67.7

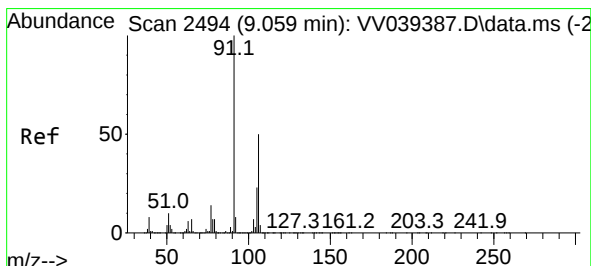
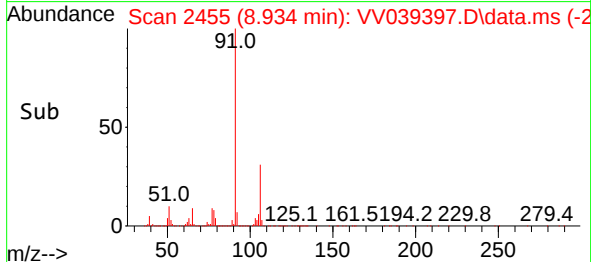
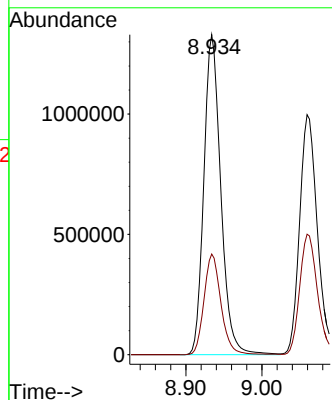
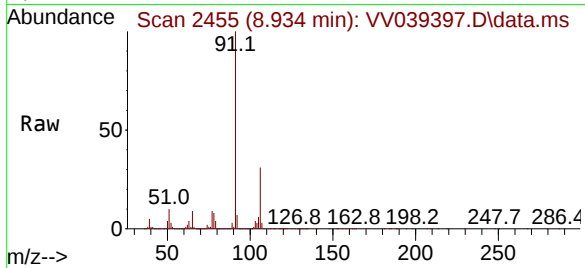




#52
Ethylbenzene
Concen: 52.240 ug/L
RT: 8.934 min Scan# 2455
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

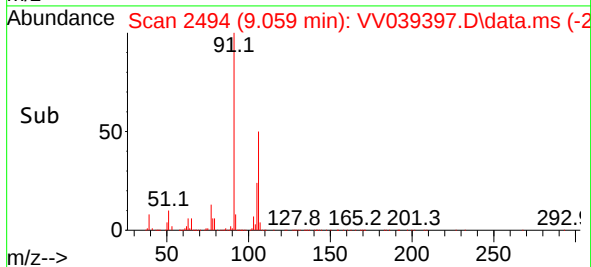
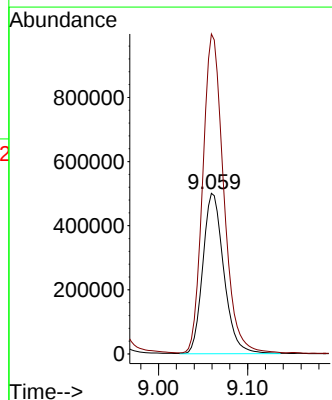
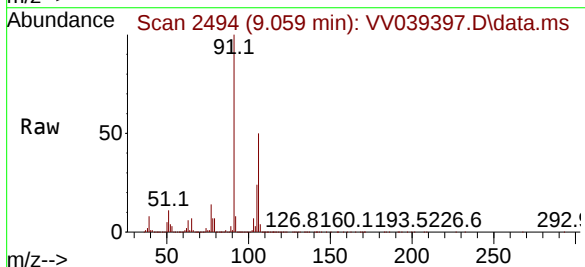
Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

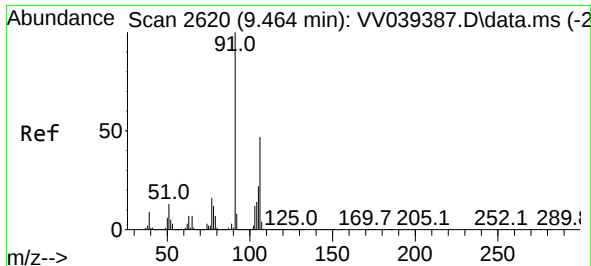
Tgt Ion: 91 Resp: 2060078
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.4



#53
m,p-Xylene
Concen: 54.315 ug/L
RT: 9.059 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion: 106 Resp: 819841
Ion Ratio Lower Upper
106 100
91 199.3 141.1 262.1

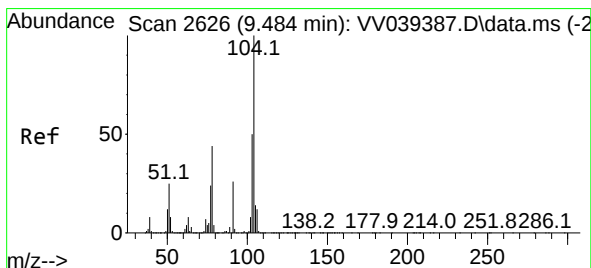
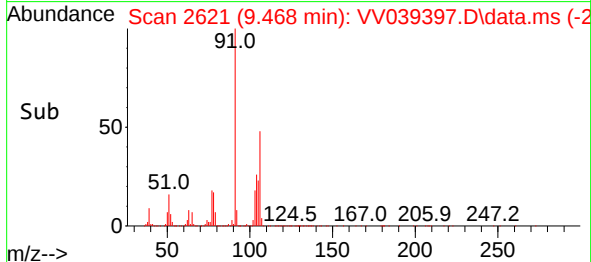
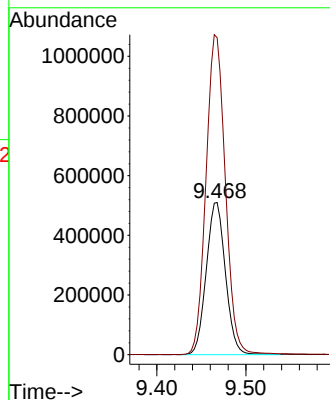
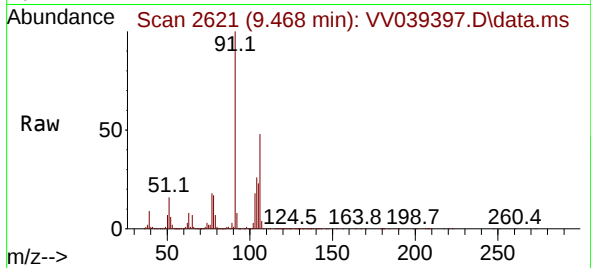




#54
o-Xylene
Concen: 52.722 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

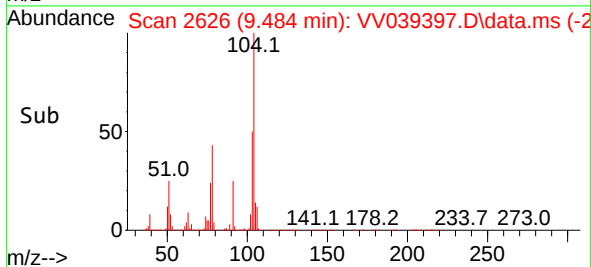
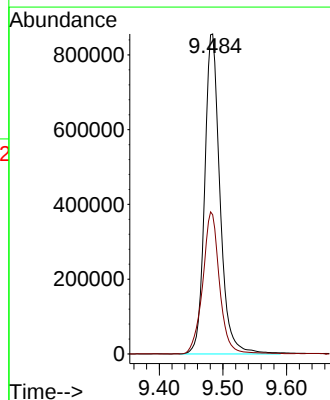
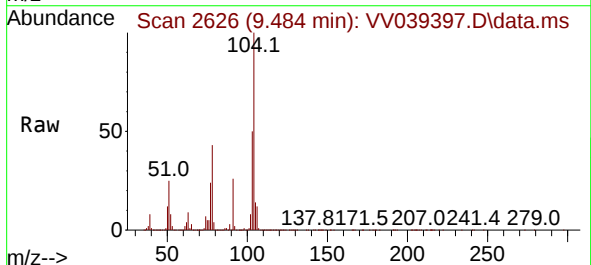
Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

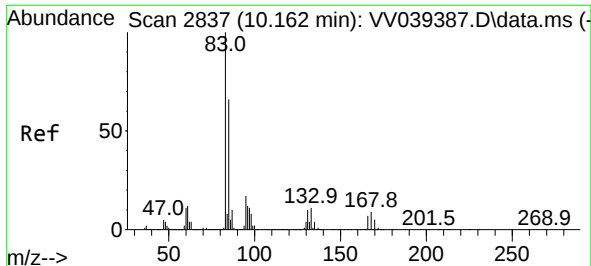
Tgt Ion:106 Resp: 760460
Ion Ratio Lower Upper
106 100
91 208.3 149.0 276.6



#55
Styrene
Concen: 56.368 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion:104 Resp: 1429852
Ion Ratio Lower Upper
104 100
78 43.5 30.5 56.7

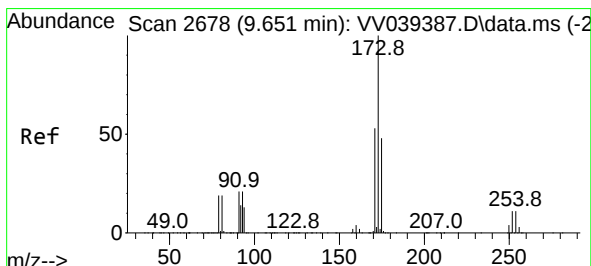
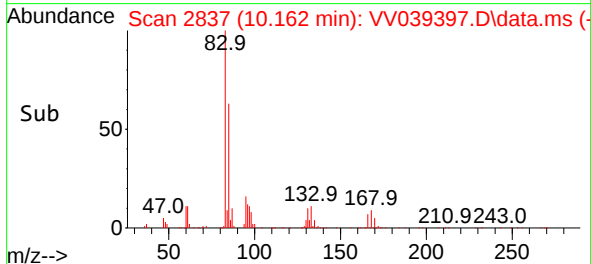
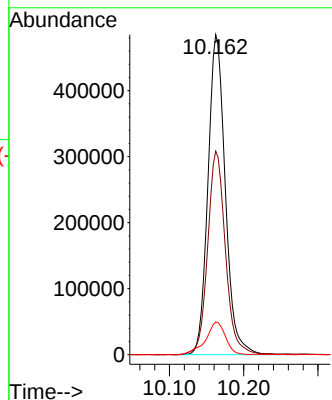
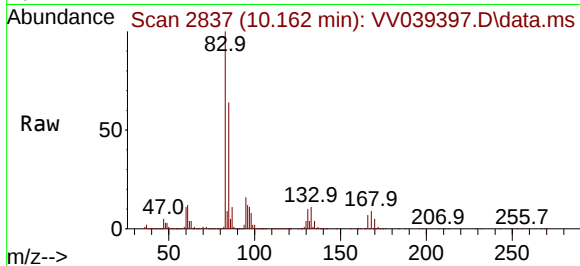




#57
1,1,2,2-Tetrachloroethane
Concen: 48.533 ug/L
RT: 10.162 min Scan# 2837
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

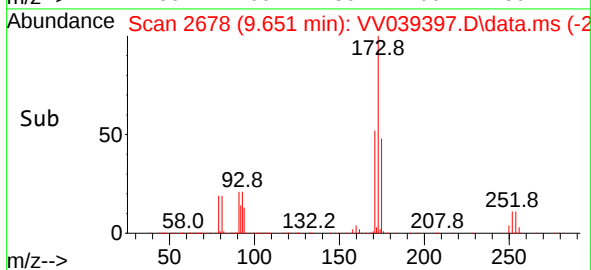
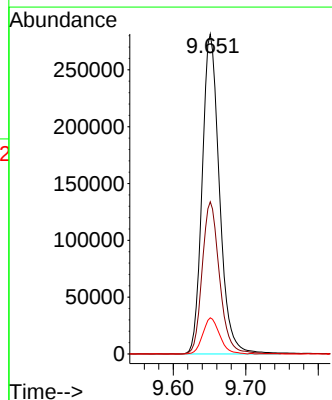
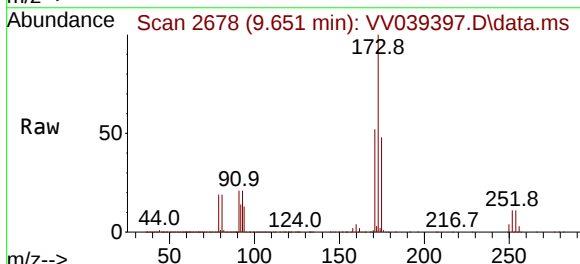
Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

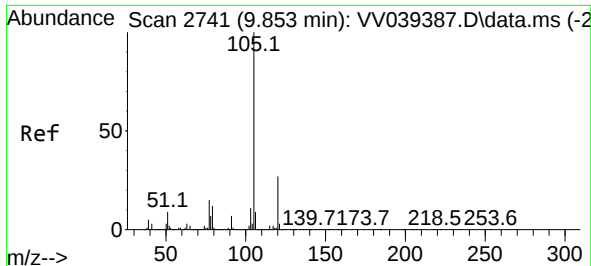
Tgt Ion: 83 Resp: 785201
Ion Ratio Lower Upper
83 100
85 63.6 46.1 85.5
131 10.2 8.3 12.5



#59
Bromoform
Concen: 45.568 ug/L
RT: 9.651 min Scan# 2678
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion: 173 Resp: 466060
Ion Ratio Lower Upper
173 100
175 47.7 38.5 57.7
254 11.1 8.4 12.6

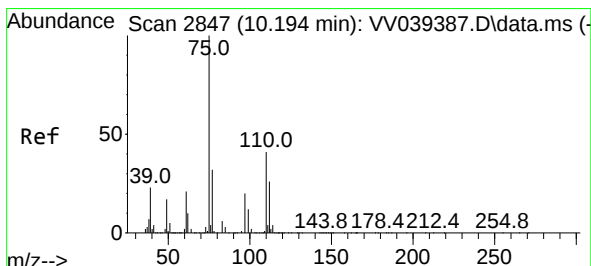
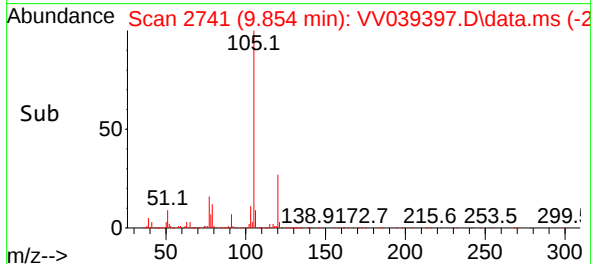
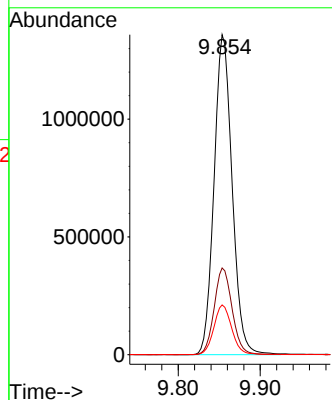
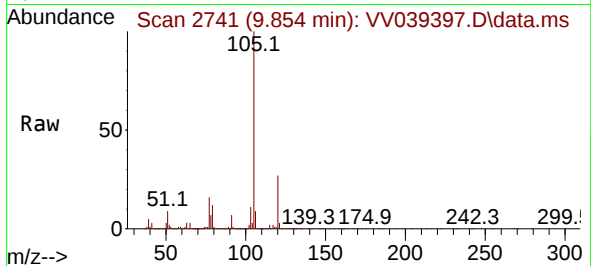




#60
Isopropylbenzene
Concen: 51.063 ug/L
RT: 9.854 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

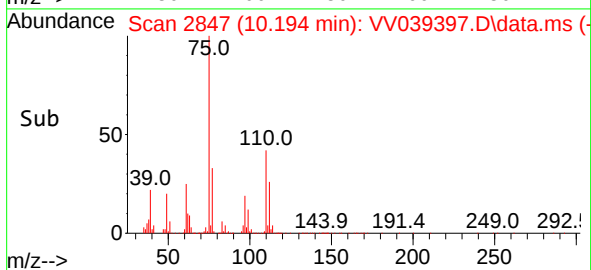
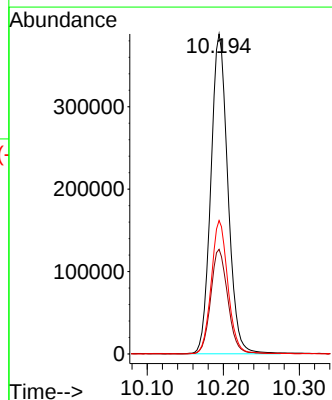
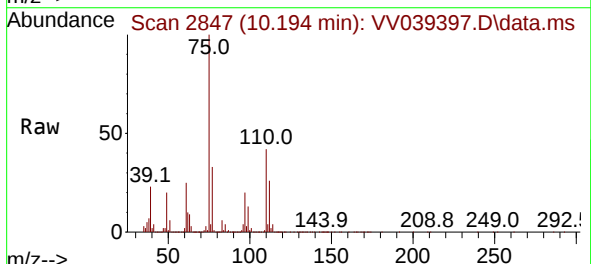
Instrument :
MSVOA_V
ClientSampleId :
VSTD050331

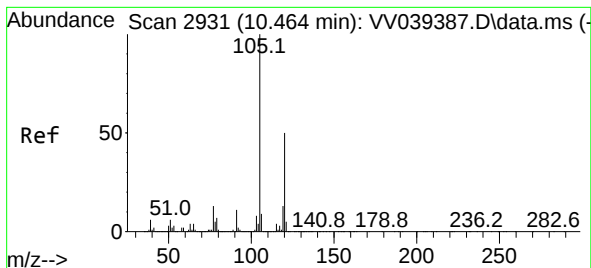
Tgt Ion:105 Resp: 2077051
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 15.3 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 46.291 ug/L
RT: 10.194 min Scan# 2847
Delta R.T. 0.000 min
Lab File: VV039397.D
Acq: 18 Nov 2025 09:58

Tgt Ion: 75 Resp: 603200
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 41.0 32.6 49.0





#62

1,3,5-Trimethylbenzene

Concen: 51.059 ug/L

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

Instrument :

MSVOA_V

ClientSampleId :

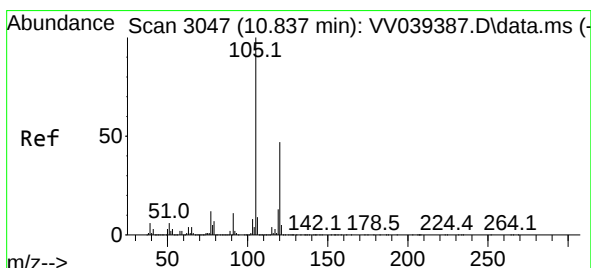
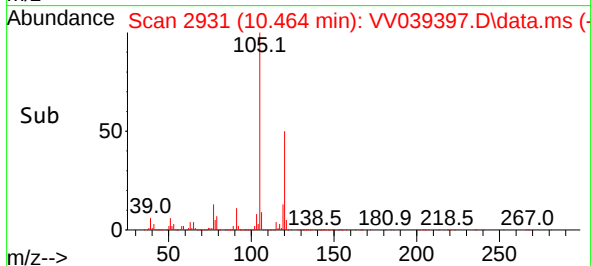
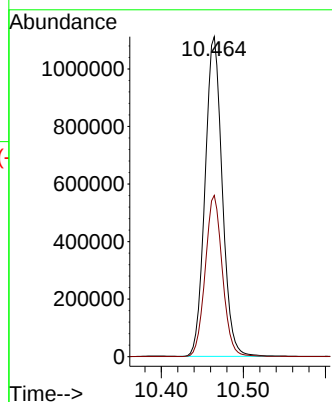
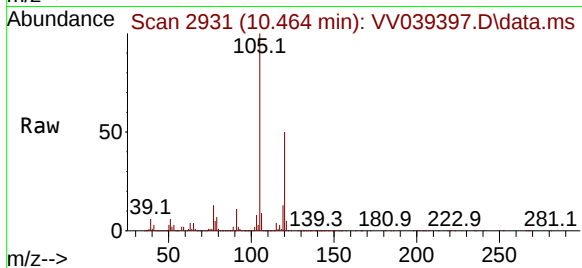
VSTD050331

Tgt Ion:105 Resp: 1621956

Ion Ratio Lower Upper

105 100

120 50.2 39.8 59.8



#63

1,2,4-Trimethylbenzene

Concen: 52.413 ug/L

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039397.D

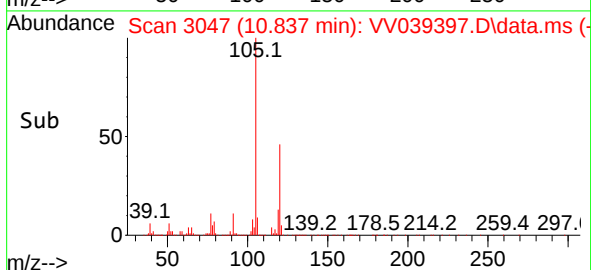
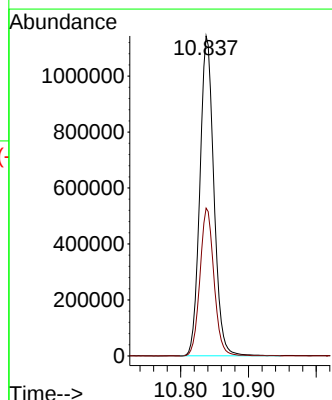
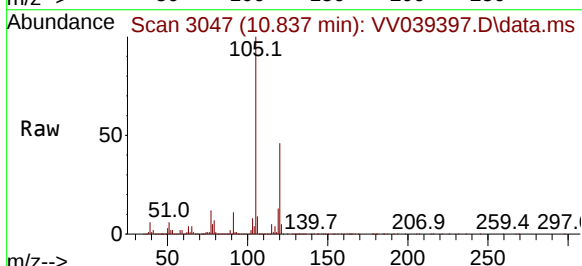
Acq: 18 Nov 2025 09:58

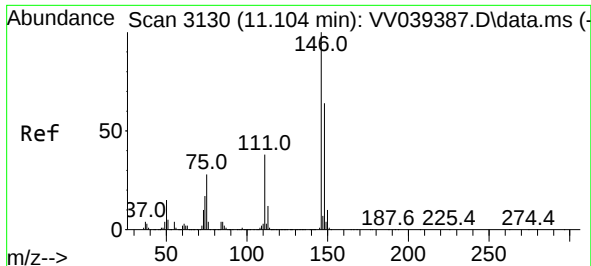
Tgt Ion:105 Resp: 1637113

Ion Ratio Lower Upper

105 100

120 46.3 37.4 56.2

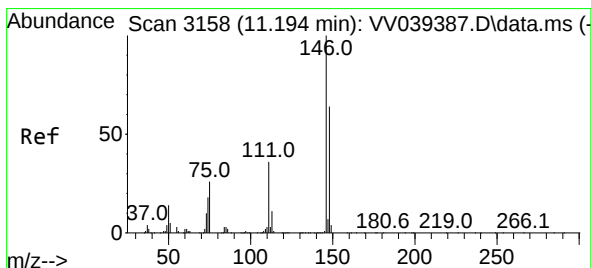
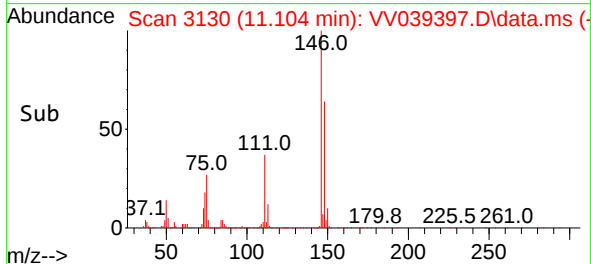
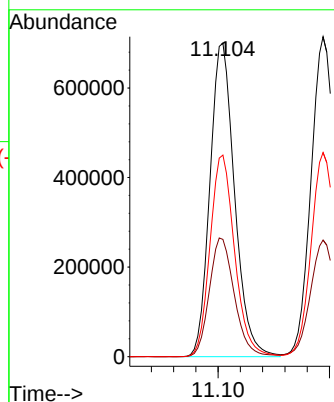
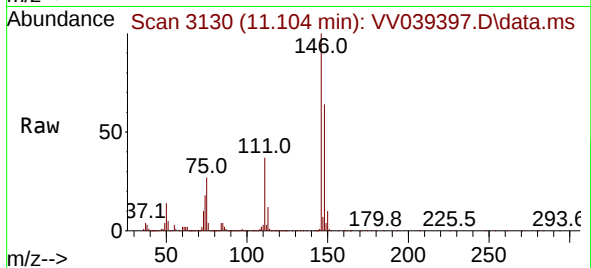




#64
 1,3-Dichlorobenzene
 Concen: 48.682 ug/L
 RT: 11.104 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: VV039397.D
 Acq: 18 Nov 2025 09:58

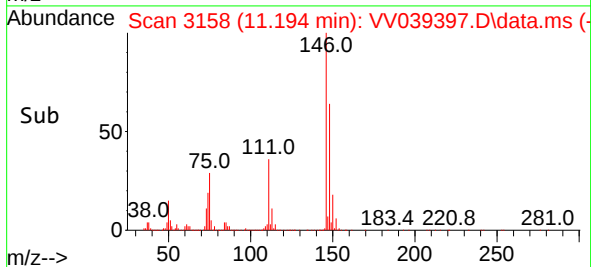
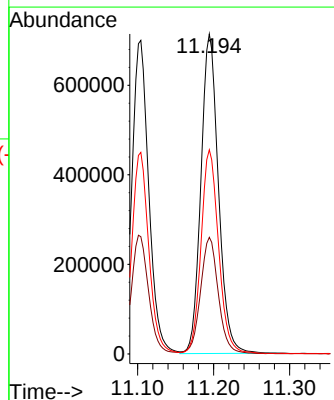
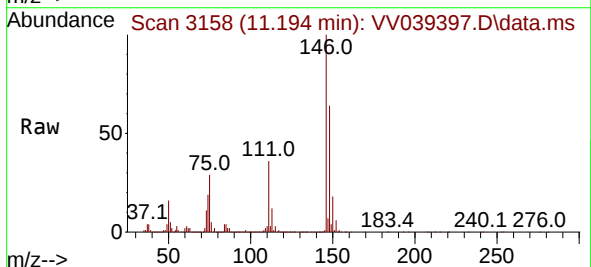
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050331

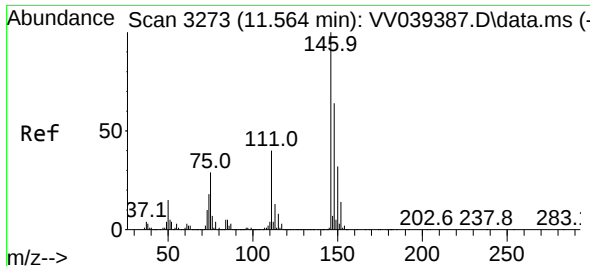
Tgt Ion:146 Resp: 1078046
 Ion Ratio Lower Upper
 146 100
 111 37.4 26.5 49.3
 148 64.3 44.6 82.8



#65
 1,4-Dichlorobenzene
 Concen: 47.861 ug/L
 RT: 11.194 min Scan# 3158
 Delta R.T. 0.000 min
 Lab File: VV039397.D
 Acq: 18 Nov 2025 09:58

Tgt Ion:146 Resp: 1141878
 Ion Ratio Lower Upper
 146 100
 111 36.5 25.6 47.4
 148 63.8 44.9 83.5

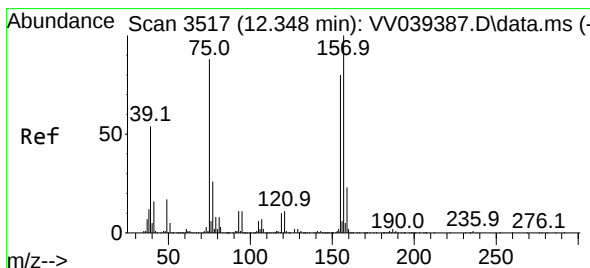
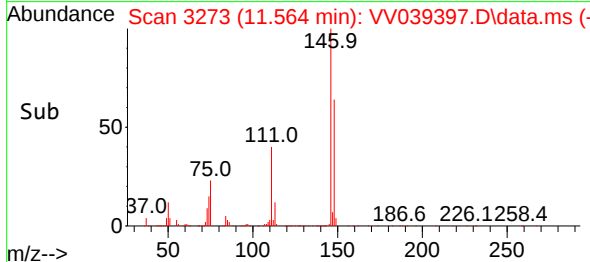
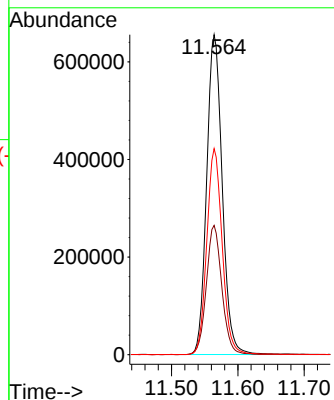
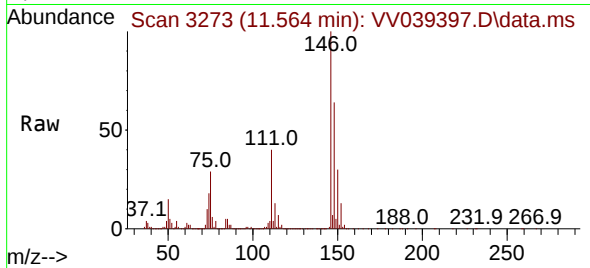




#67
 1,2-Dichlorobenzene
 Concen: 48.278 ug/L
 RT: 11.564 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV039397.D
 Acq: 18 Nov 2025 09:58

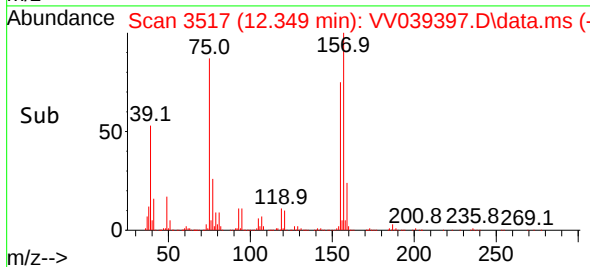
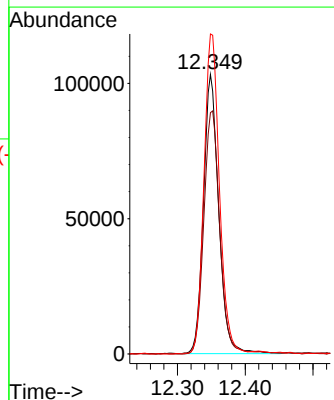
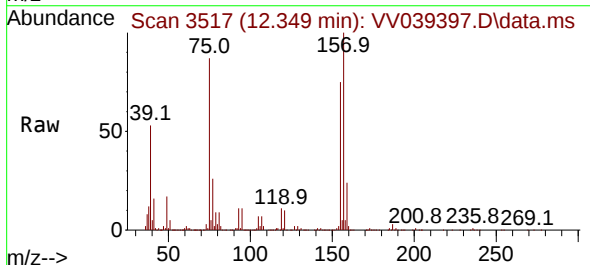
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050331

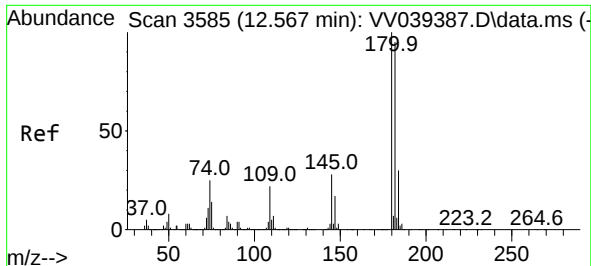
Tgt Ion:146 Resp: 1067722
 Ion Ratio Lower Upper
 146 100
 111 40.4 32.2 48.2
 148 64.4 51.6 77.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 44.011 ug/L
 RT: 12.349 min Scan# 3517
 Delta R.T. 0.000 min
 Lab File: VV039397.D
 Acq: 18 Nov 2025 09:58

Tgt Ion: 75 Resp: 161008
 Ion Ratio Lower Upper
 75 100
 155 86.3 73.0 109.4
 157 114.5 91.0 136.4

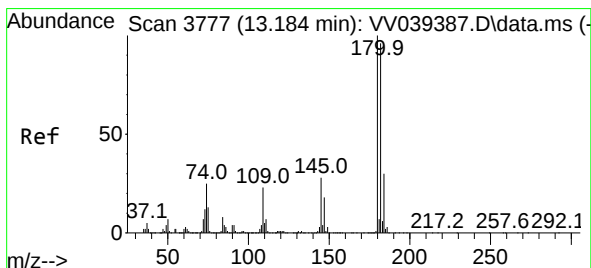
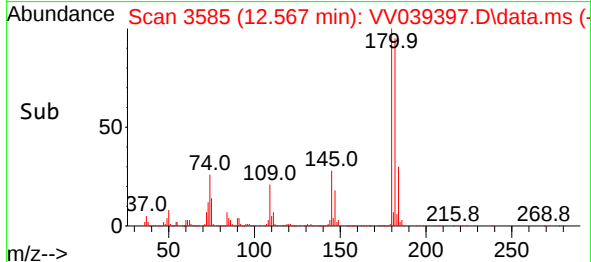
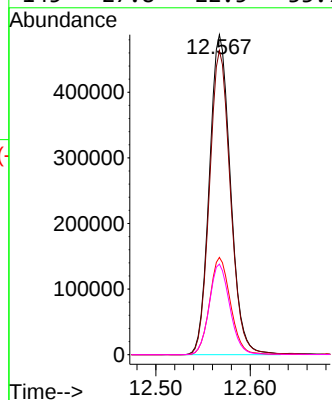
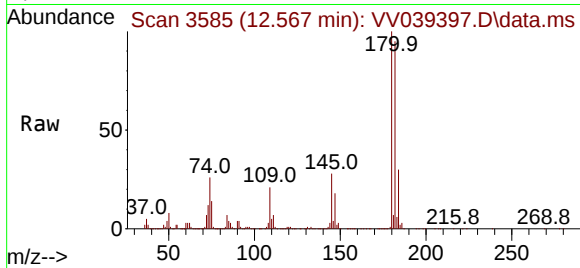




#69
 1,3,5-Trichlorobenzene
 Concen: 47.898 ug/L
 RT: 12.567 min Scan# 3585
 Delta R.T. 0.000 min
 Lab File: VV039397.D
 Acq: 18 Nov 2025 09:58

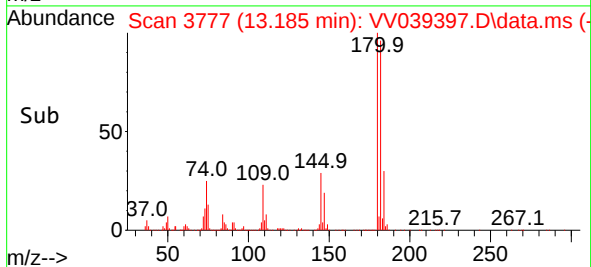
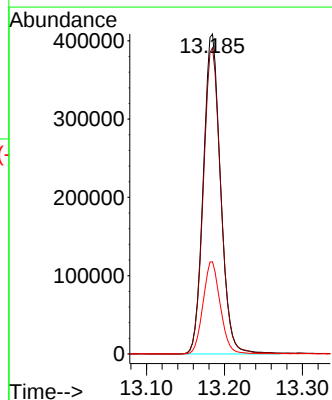
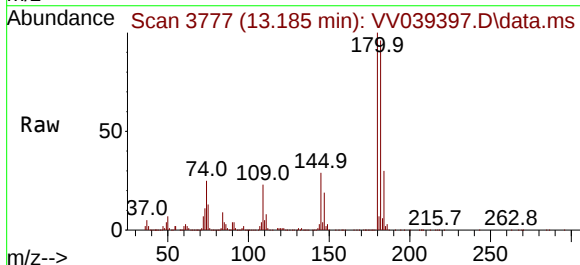
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050331

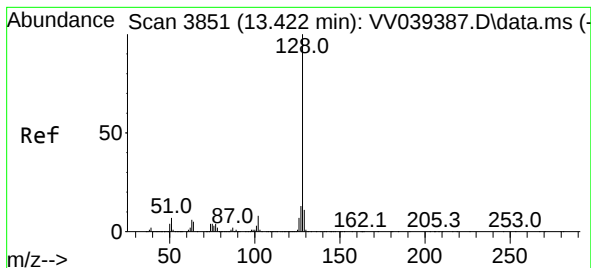
Tgt Ion:	180	Resp:	755532
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.8	113.8
184	30.1	24.3	36.5
145	27.8	22.5	33.7



#70
 1,2,4-trichlorobenzene
 Concen: 45.846 ug/L
 RT: 13.185 min Scan# 3777
 Delta R.T. 0.000 min
 Lab File: VV039397.D
 Acq: 18 Nov 2025 09:58

Tgt Ion:	180	Resp:	630144
Ion Ratio	Lower	Upper	
180	100		
182	96.4	76.1	114.1
145	28.7	22.5	33.7





#71

Naphthalene

Concen: 48.398 ug/L

RT: 13.423 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD050331

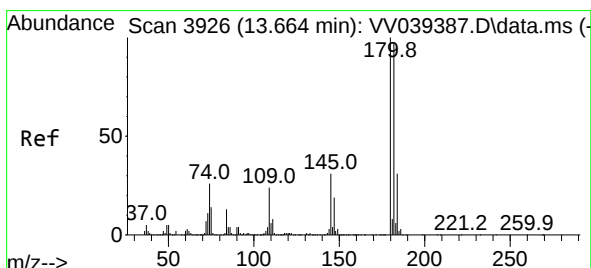
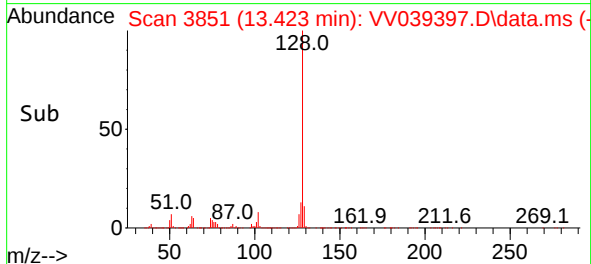
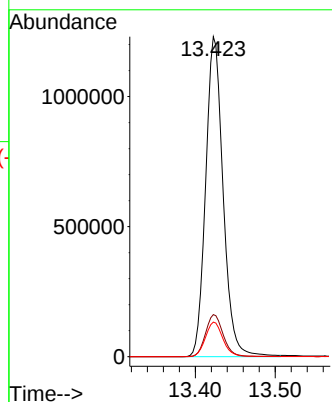
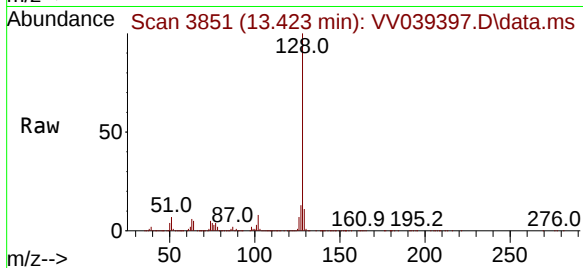
Tgt Ion:128 Resp: 1873006

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 49.746 ug/L

RT: 13.664 min Scan# 3926

Delta R.T. 0.000 min

Lab File: VV039397.D

Acq: 18 Nov 2025 09:58

Tgt Ion:180 Resp: 708405

Ion Ratio Lower Upper

180 100

182 95.9 76.6 115.0

145 30.7 24.3 36.5

