

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV061225\
 Data File : VV038794.D
 Acq On : 12 Jun 2025 17:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

Quant Time: Jun 13 12:40:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 13 10:50:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	219041	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	229585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	129805	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.288	65	102941	3.357	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.200%	
7) Chloroethane-d5	1.539	69	84932	3.913	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.200%	
11) 1,1-Dichloroethene-d2	2.066	65	43592	3.510	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.200%	
20) 2-Butanone-d5	3.793	46	214702	54.436	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.880%	
24) Chloroform-d	4.252	84	203606	4.664	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	4.944	65	91588	4.604	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.000%	
32) Benzene-d6	4.963	84	351387	4.255	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	5.989	67	112018	4.361	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.200%	
41) Toluene-d8	7.239	98	306432	4.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	7.555	79	39379	4.424	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.018	63	171803	57.399	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.800%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	93717	5.019	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.400%	
66) 1,2-Dichlorobenzene-d4	11.551	152	103308	4.303	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.117	85	135976	4.646	ug/L	99
3) Chloromethane	1.224	50	138930	4.117	ug/L	97
5) Vinyl chloride	1.291	62	156533	4.895	ug/L	93
6) Bromomethane	1.494	94	85140	5.322	ug/L	98
8) Chloroethane	1.558	64	95588	4.937	ug/L	98
9) Trichlorofluoromethane	1.722	101	208382	5.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	122796	5.159	ug/L	99
12) 1,1-Dichloroethene	2.079	96	108167	4.836	ug/L	96
13) Acetone	2.117	43	175006	57.441	ug/L	96
14) Carbon disulfide	2.249	76	351055	4.617	ug/L	100
15) Methyl Acetate	2.384	43	42031	5.037	ug/L	94
16) Methylene chloride	2.455	84	125043	4.973	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	204709	5.015	ug/L	96
18) trans-1,2-Dichloroethene	2.703	96	107750	4.826	ug/L	92
19) 1,1-Dichloroethane	3.117	63	227779	5.109	ug/L	98
21) 2-Butanone	3.870	43	237656	54.320	ug/L	98
22) cis-1,2-Dichloroethene	3.822	96	113752	5.124	ug/L	94
23) Bromochloromethane	4.156	128	54441	5.435	ug/L	91
25) Chloroform	4.278	83	231318	5.216	ug/L	94

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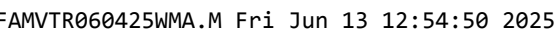
Instrument :
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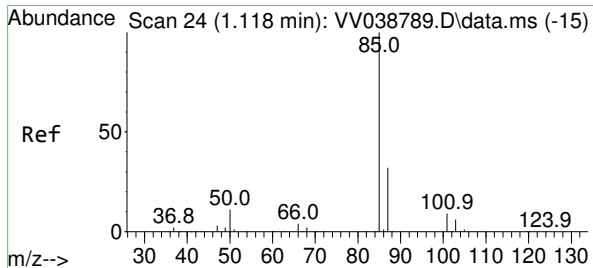
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	131719	5.302	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	193319	5.015	ug/L	98
30) Cyclohexane	4.584	56	173019	4.850	ug/L	95
31) Carbon tetrachloride	4.735	117	169419	4.984	ug/L	99
33) Benzene	5.011	78	472229	5.230	ug/L	100
34) Trichloroethene	5.834	95	116656	5.071	ug/L	96
35) Methylcyclohexane	6.047	83	168440	4.631	ug/L	97
37) 1,2-Dichloropropane	6.092	63	129263	5.414	ug/L	99
38) Bromodichloromethane	6.432	83	157480	5.061	ug/L	96
39) cis-1,3-Dichloropropene	6.950	75	157961	4.999	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	649104	59.612	ug/L	97
42) Toluene	7.310	91	504267	5.508	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	141303	5.311	ug/L	96
45) 1,1,2-Trichloroethane	7.764	97	86932	5.142	ug/L	97
47) Tetrachloroethene	7.899	164	90424	5.083	ug/L	97
48) 2-Hexanone	8.066	43	470804	62.648	ug/L	95
49) Dibromochloromethane	8.172	129	101045	5.391	ug/L	100
50) 1,2-Dibromoethane	8.278	107	77903	5.302	ug/L	94
51) Chlorobenzene	8.808	112	308244	5.192	ug/L	98
52) Ethylbenzene	8.940	91	496635	5.309	ug/L	100
53) m,p-Xylene	9.066	106	189148	5.346	ug/L	98
54) o-Xylene	9.471	106	177275	5.291	ug/L	99
55) Styrene	9.490	104	335751	5.853	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	105417	5.445	ug/L	96
59) Bromoform	9.661	173	52232	5.139	ug/L	98
60) Isopropylbenzene	9.860	105	488939	5.080	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	70624	5.120	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	359459	4.858	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	364250	4.920	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	243077	5.239	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	247600	5.084	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	218125	5.125	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	14536	4.934	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	146712	4.878	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	115514	4.883	ug/L	99
71) Naphthalene	13.429	128	185546	4.859	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	108664	5.014	ug/L	9

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

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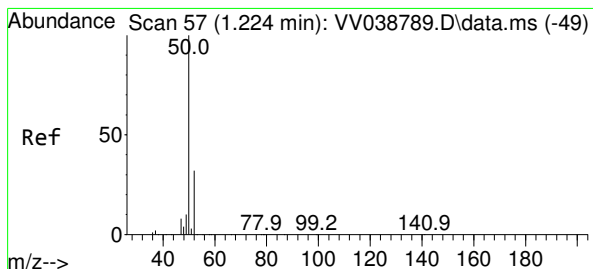
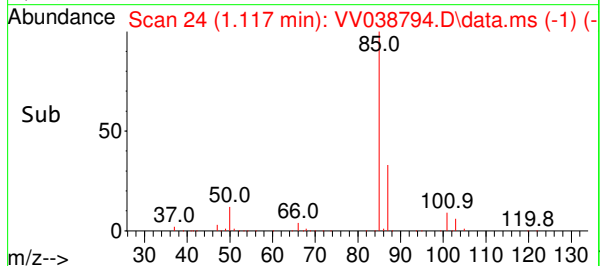
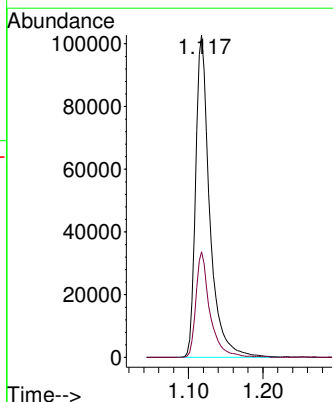
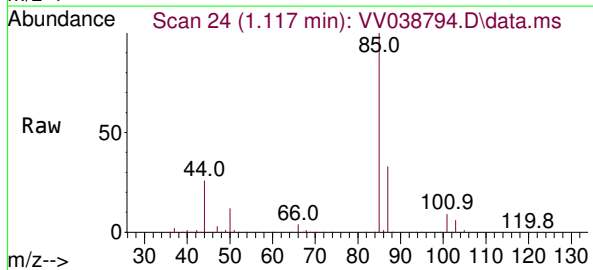




#2
 Dichlorodifluoromethane
 Concen: 4.646 ug/L
 RT: 1.117 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

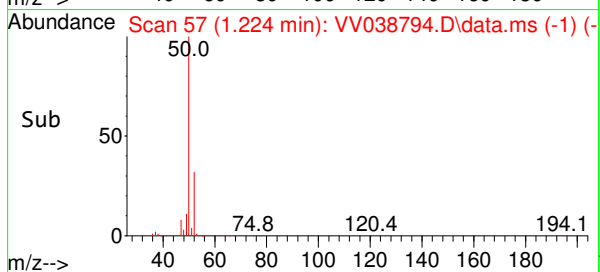
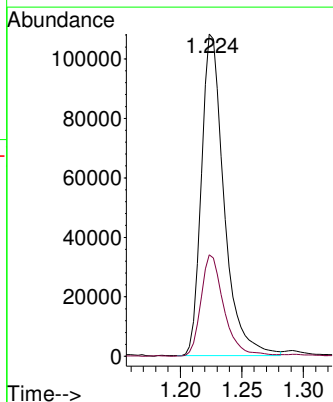
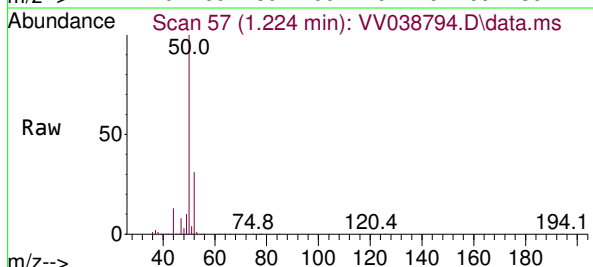
Instrument :
 MSVOA_V
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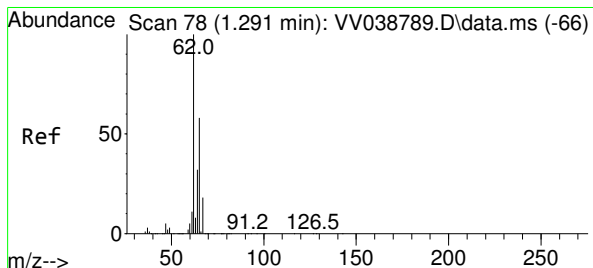
Tgt Ion: 85 Resp: 135976
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.5 38.3



#3
 Chloromethane
 Concen: 4.117 ug/L
 RT: 1.224 min Scan# 57
 Delta R.T. -0.003 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

Tgt Ion: 50 Resp: 138930
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.2 43.2

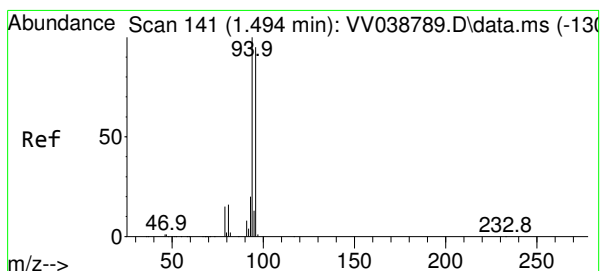
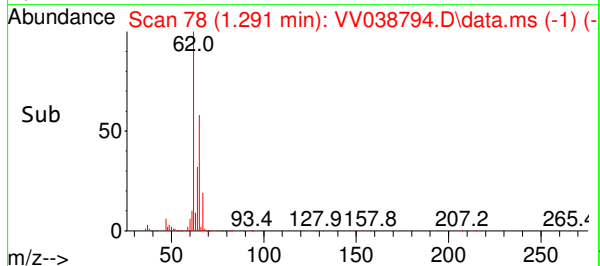
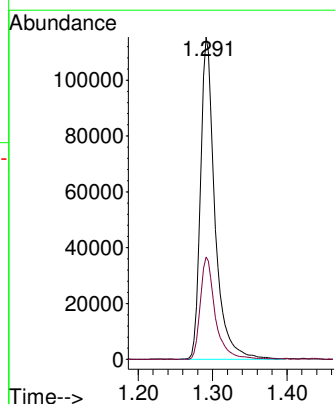
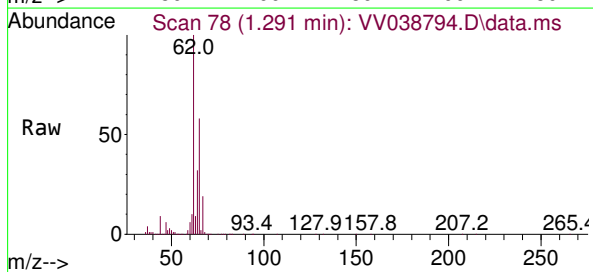




#5
 Vinyl chloride
 Concen: 4.895 ug/L
 RT: 1.291 min Scan# 7
 Delta R.T. -0.003 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

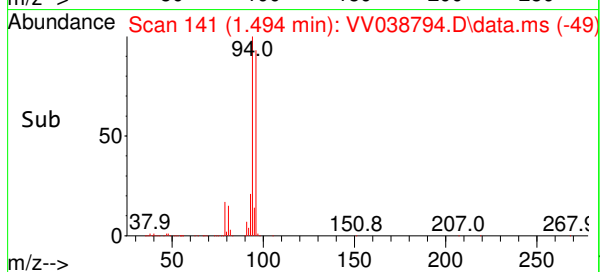
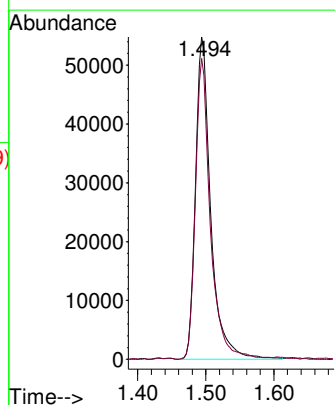
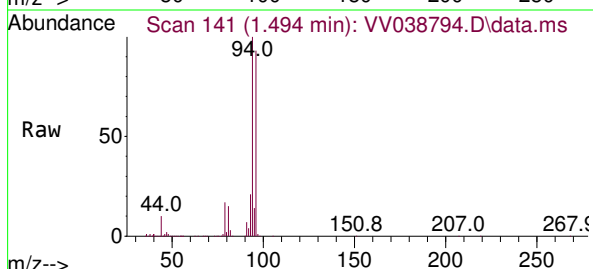
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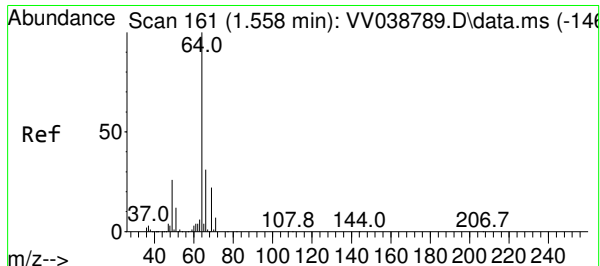
Tgt Ion: 62 Resp: 156533
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.0 46.4



#6
 Bromomethane
 Concen: 5.322 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. -0.003 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

Tgt Ion: 94 Resp: 85140
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.3 119.3

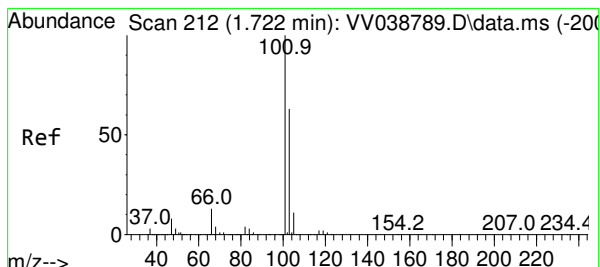
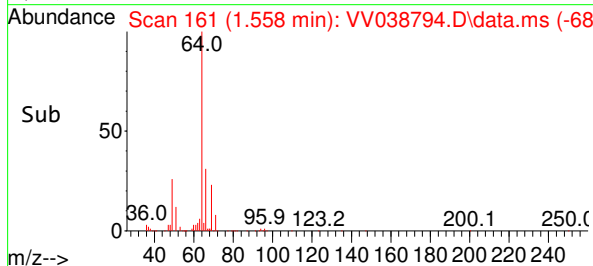
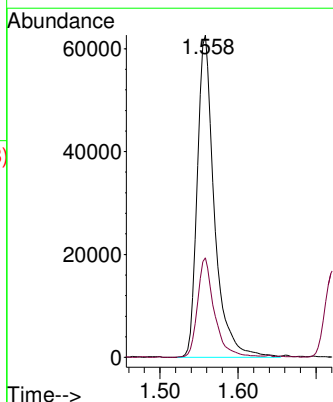
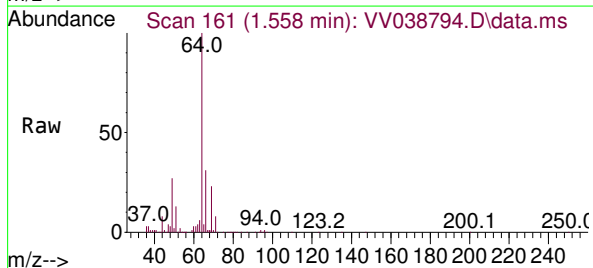




#8
Chloroethane
Concen: 4.937 ug/L
RT: 1.558 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

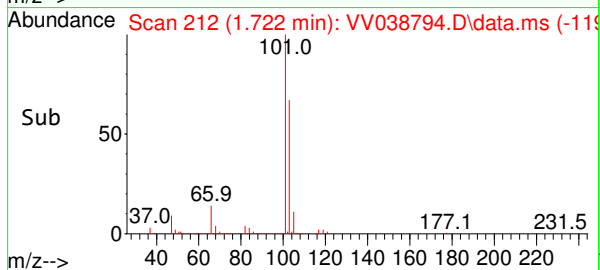
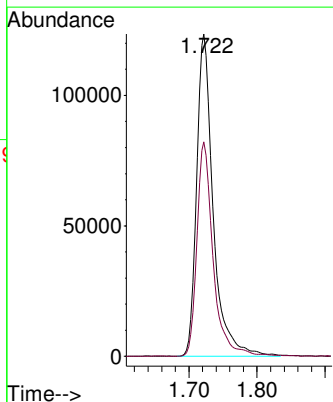
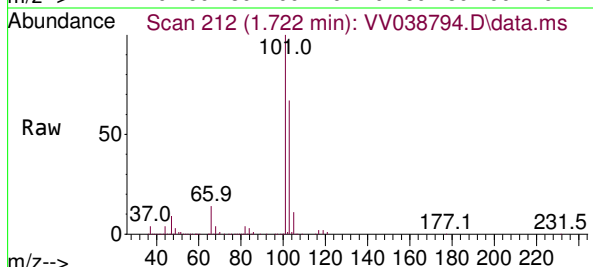
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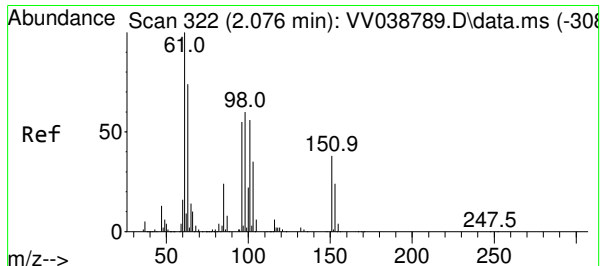
Tgt Ion: 64 Resp: 95588
Ion Ratio Lower Upper
64 100
66 30.9 20.9 38.7



#9
Trichlorofluoromethane
Concen: 5.000 ug/L
RT: 1.722 min Scan# 212
Delta R.T. -0.000 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion: 101 Resp: 208382
Ion Ratio Lower Upper
101 100
103 65.5 52.4 78.6

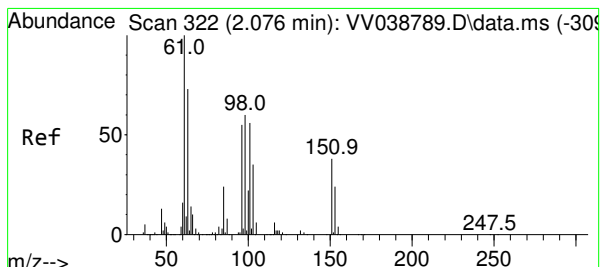
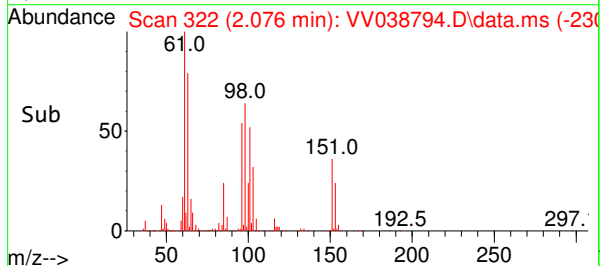
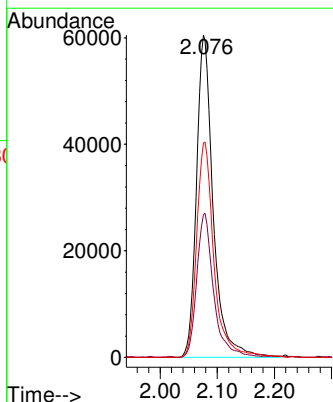
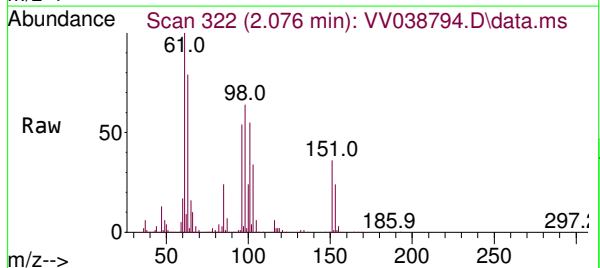




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.159 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.003 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

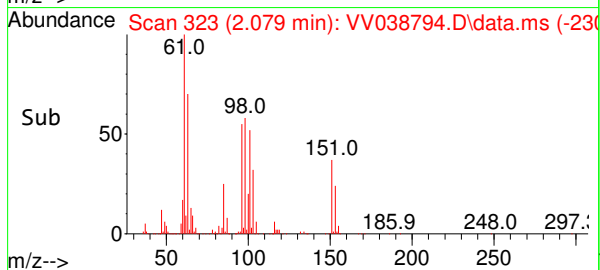
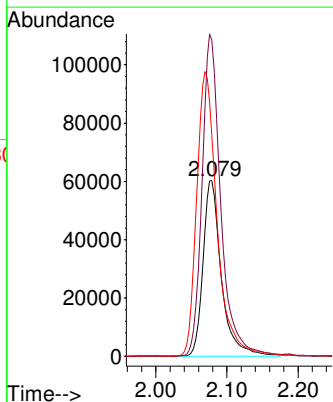
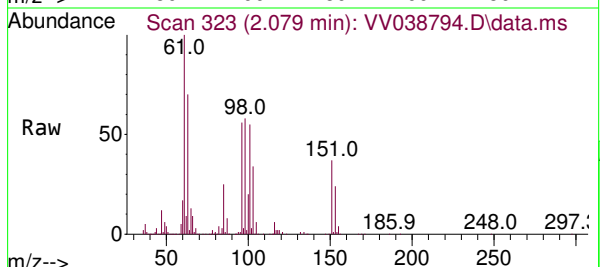
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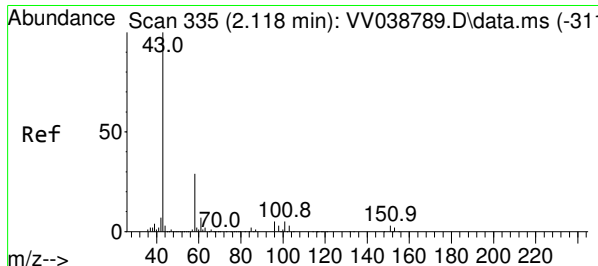
Tgt Ion:	101	Resp:	122796
Ion	Ratio	Lower	Upper
101	100		
85	45.2	35.0	52.4
151	69.1	55.1	82.7



#12
 1,1-Dichloroethene
 Concen: 4.836 ug/L
 RT: 2.079 min Scan# 323
 Delta R.T. -0.000 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

Tgt Ion:	96	Resp:	108167
Ion	Ratio	Lower	Upper
96	100		
61	180.0	122.8	228.1
63	125.5	92.0	170.8

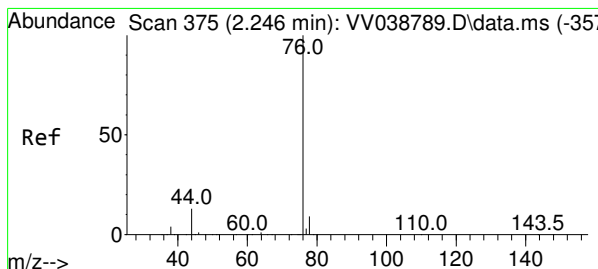
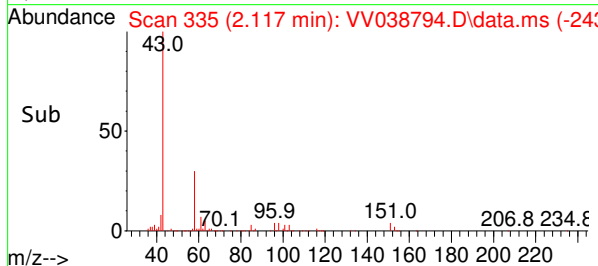
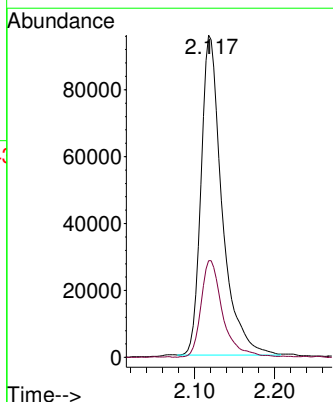
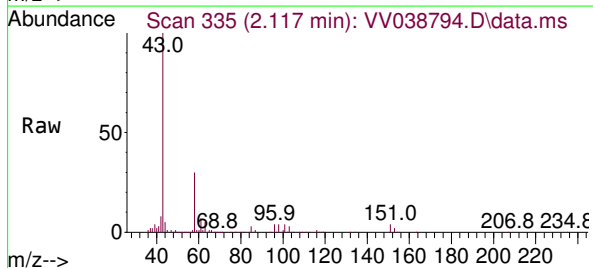




#13
Acetone
Concen: 57.441 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

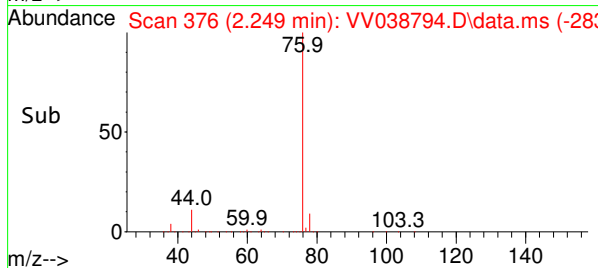
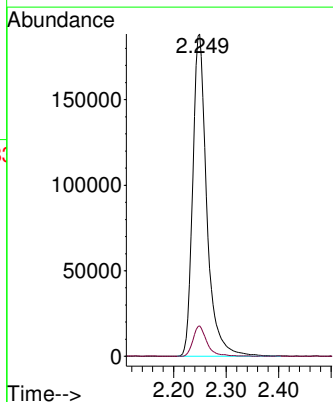
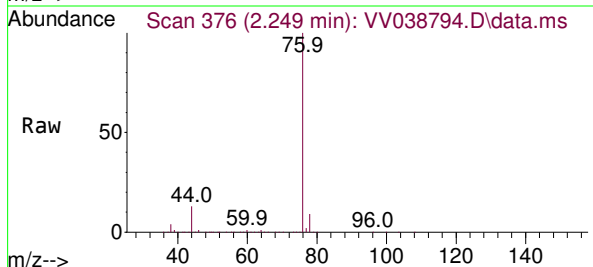
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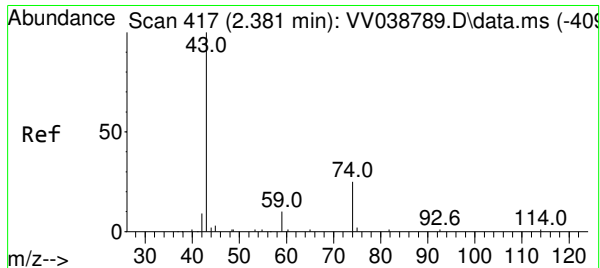
Tgt Ion: 43 Resp: 175006
Ion Ratio Lower Upper
43 100
58 31.5 0.0 67.4



#14
Carbon disulfide
Concen: 4.617 ug/L
RT: 2.249 min Scan# 376
Delta R.T. -0.000 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion: 76 Resp: 351055
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

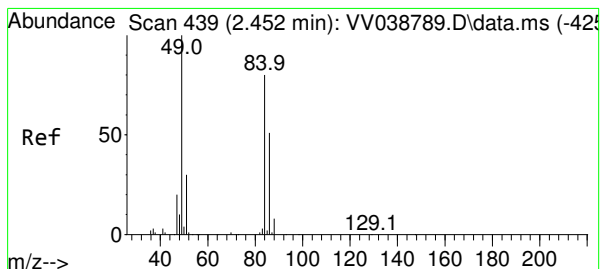
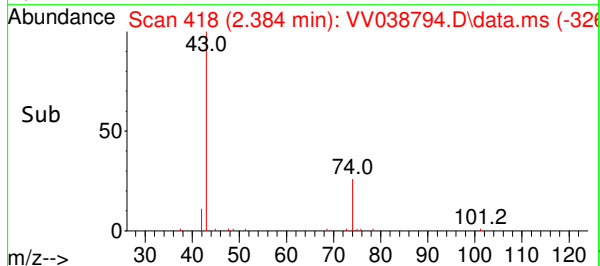
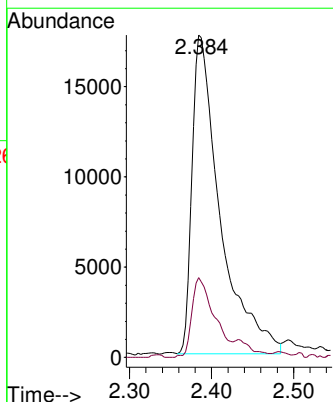
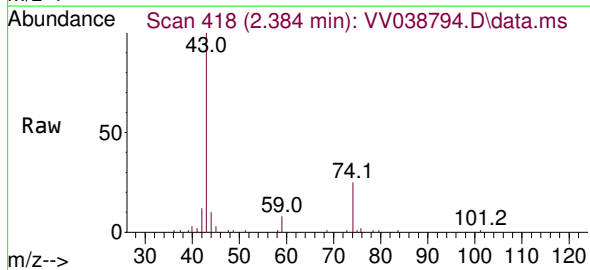




#15
Methyl Acetate
Concen: 5.037 ug/L
RT: 2.384 min Scan# 417
Delta R.T. -0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

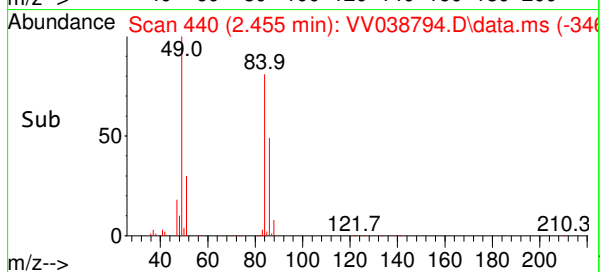
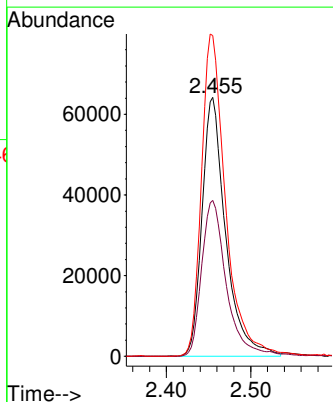
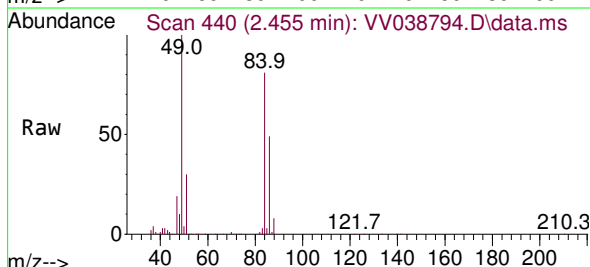
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

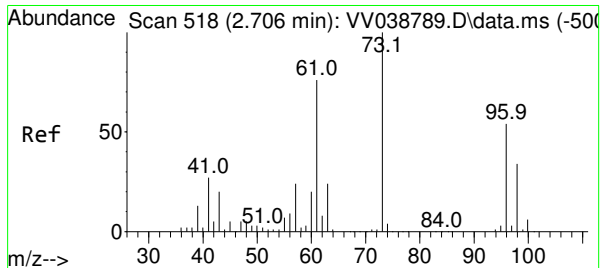
Tgt Ion: 43 Resp: 42031
Ion Ratio Lower Upper
43 100
74 20.2 18.6 27.8



#16
Methylene chloride
Concen: 4.973 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion: 84 Resp: 125043
Ion Ratio Lower Upper
84 100
86 60.2 46.0 85.4
49 123.8 83.9 155.9

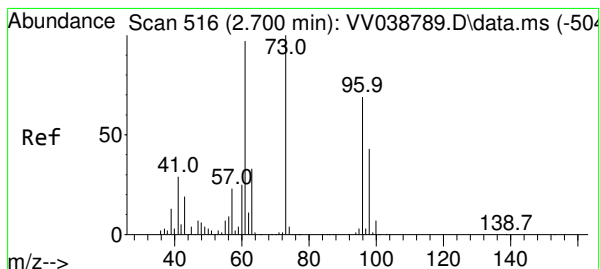
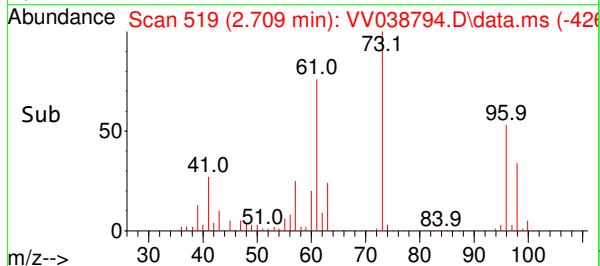
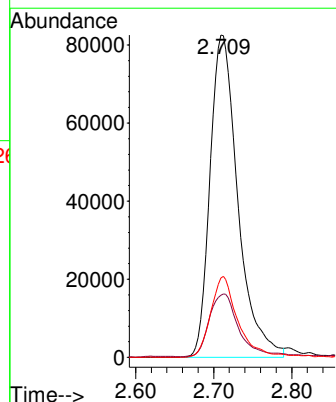
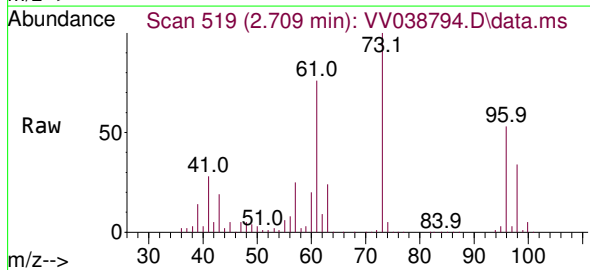




#17
Methyl tert-butyl Ether
Concen: 5.015 ug/L
RT: 2.709 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

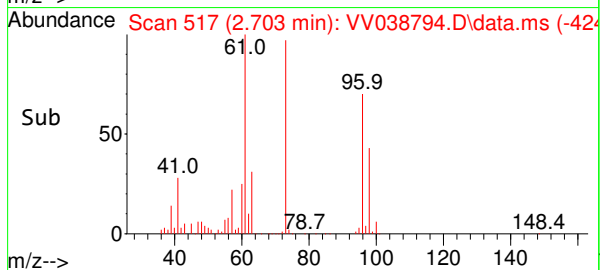
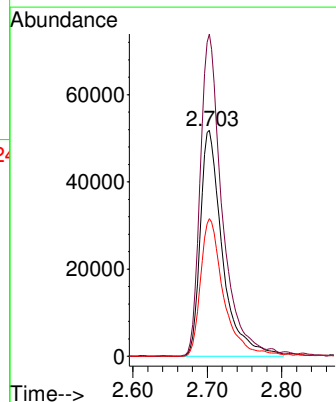
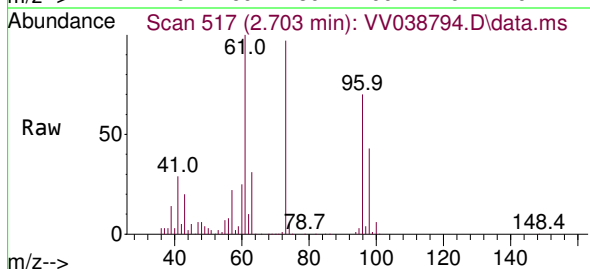
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

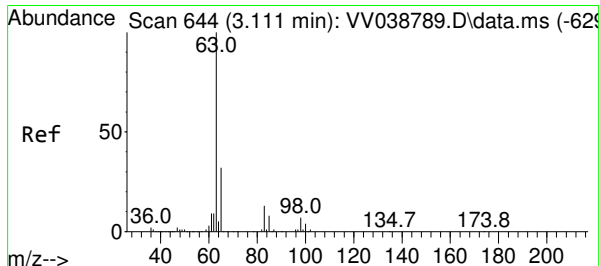
Tgt Ion:	73	Resp:	204709
Ion	Ratio	Lower	Upper
73	100		
43	20.2	14.6	22.0
57	24.7	18.2	27.2



#18
trans-1,2-Dichloroethene
Concen: 4.826 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion:	96	Resp:	107750
Ion	Ratio	Lower	Upper
96	100		
61	142.8	91.4	169.8
98	61.0	41.6	77.2

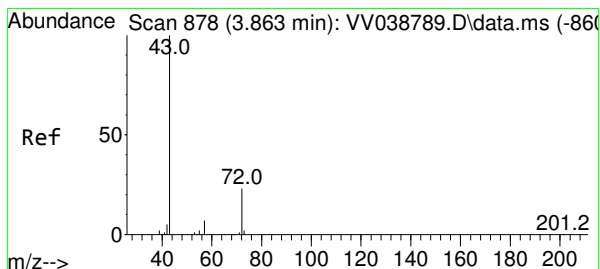
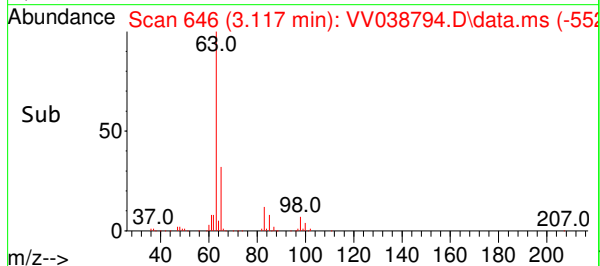
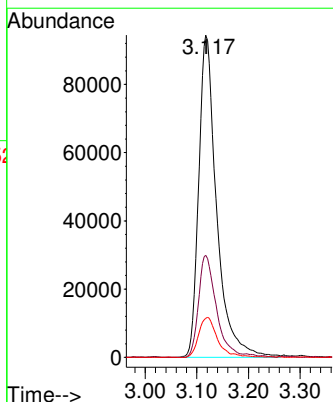
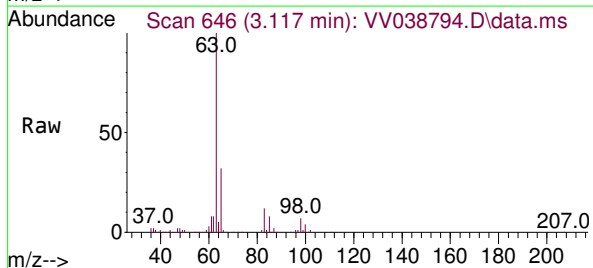




#19
 1,1-Dichloroethane
 Concen: 5.109 ug/L
 RT: 3.117 min Scan# 644
 Delta R.T. 0.003 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

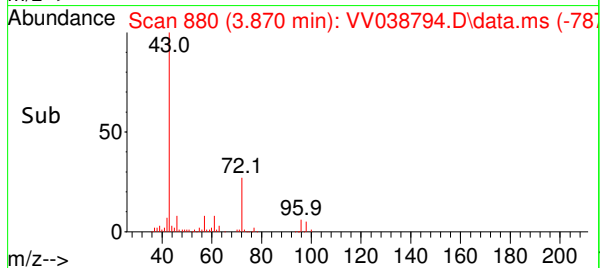
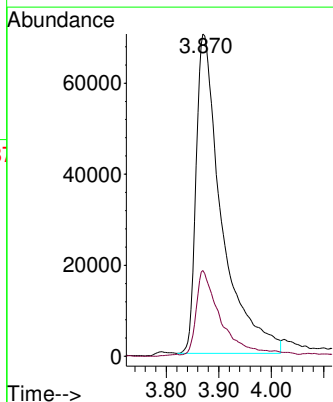
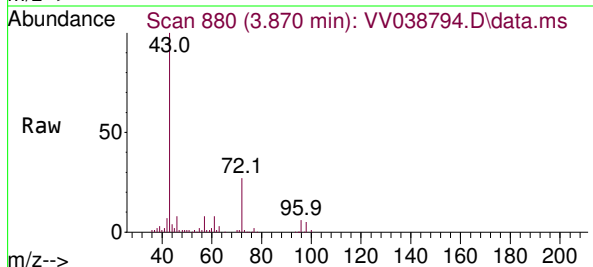
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

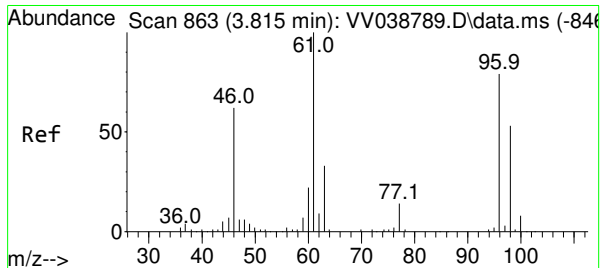
Tgt Ion: 63 Resp: 227779
 Ion Ratio Lower Upper
 63 100
 65 31.7 21.8 40.4
 83 12.2 9.2 17.2



#21
 2-Butanone
 Concen: 54.320 ug/L
 RT: 3.870 min Scan# 880
 Delta R.T. -0.000 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

Tgt Ion: 43 Resp: 237656
 Ion Ratio Lower Upper
 43 100
 72 24.7 11.9 35.5

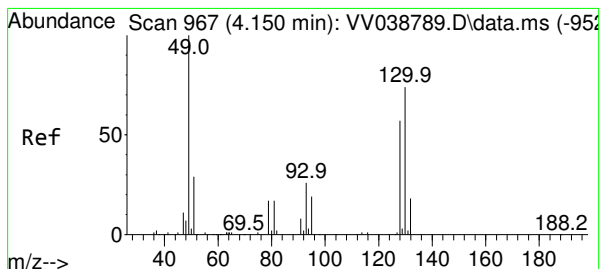
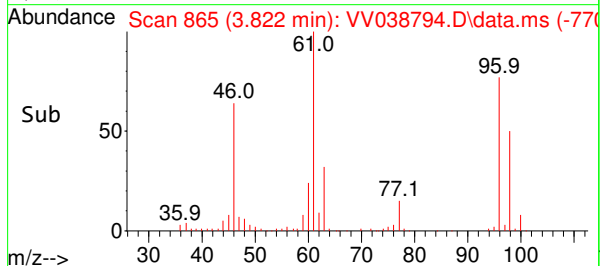
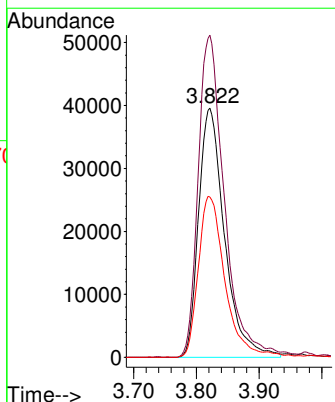
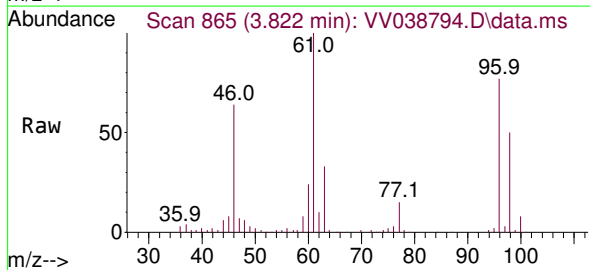




#22
cis-1,2-Dichloroethene
Concen: 5.124 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.006 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

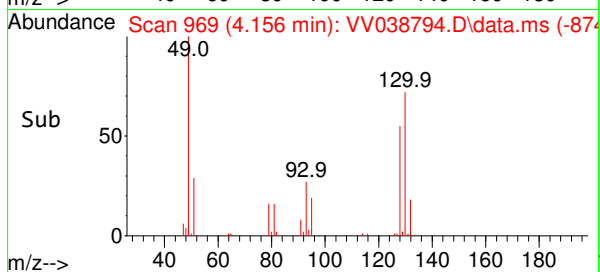
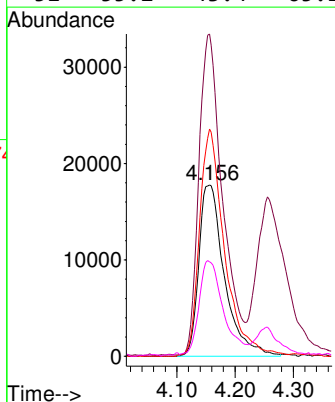
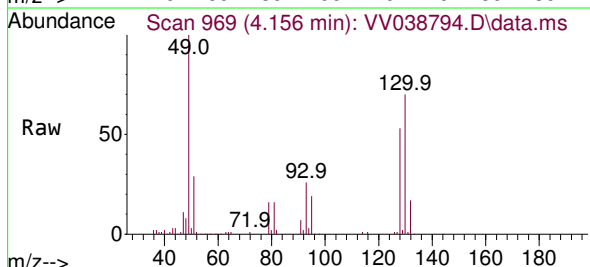
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

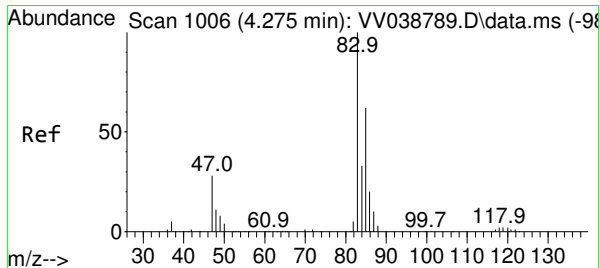
Tgt Ion:	96	Resp:	113752
Ion	Ratio	Lower	Upper
96	100		
61	129.3	83.6	155.2
98	64.3	45.6	84.8



#23
Bromochloromethane
Concen: 5.435 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.006 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion:	128	Resp:	54441
Ion	Ratio	Lower	Upper
128	100		
49	188.2	116.0	215.4
130	132.6	90.2	167.6
51	55.2	43.4	65.2

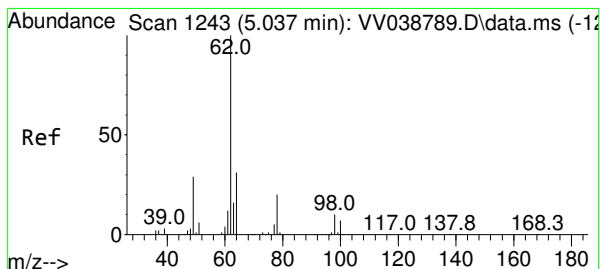
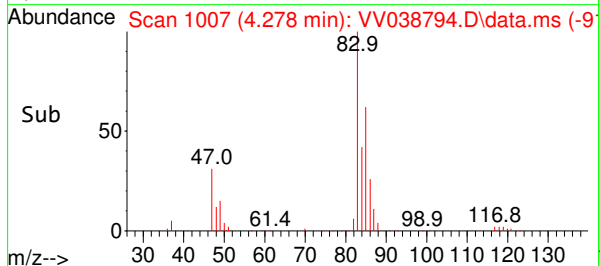
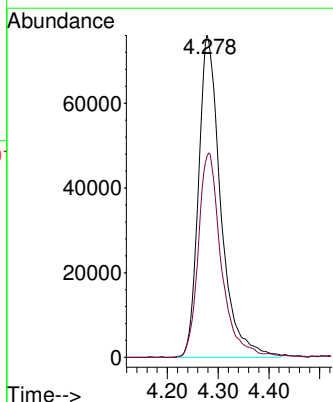
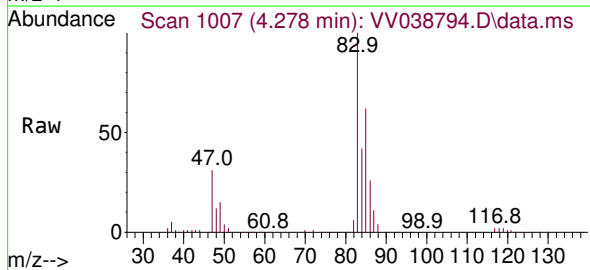




#25
Chloroform
Concen: 5.216 ug/L
RT: 4.278 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

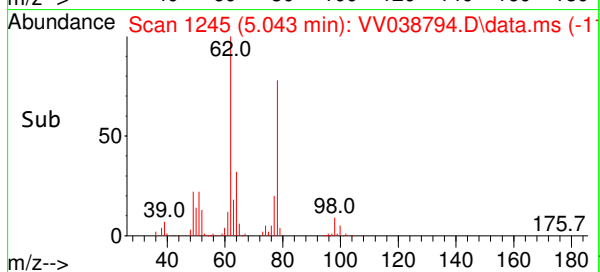
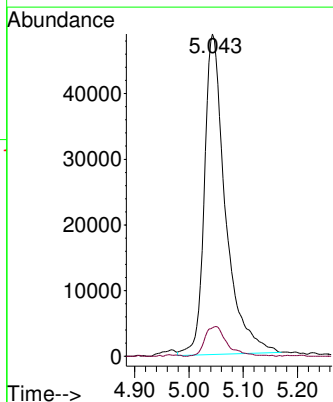
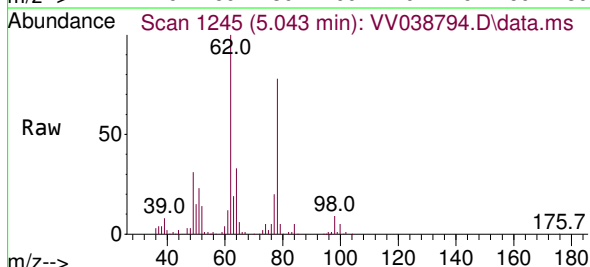
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

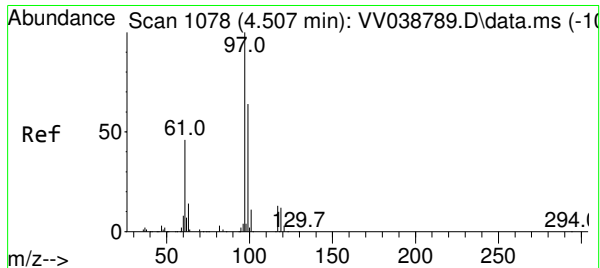
Tgt Ion: 83 Resp: 231318
Ion Ratio Lower Upper
83 100
85 62.3 47.2 87.6



#27
1,2-Dichloroethane
Concen: 5.302 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion: 62 Resp: 131719
Ion Ratio Lower Upper
62 100
98 8.9 7.7 11.5

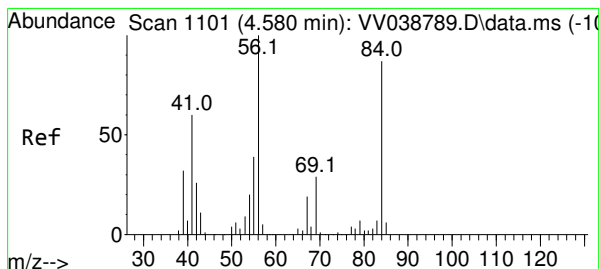
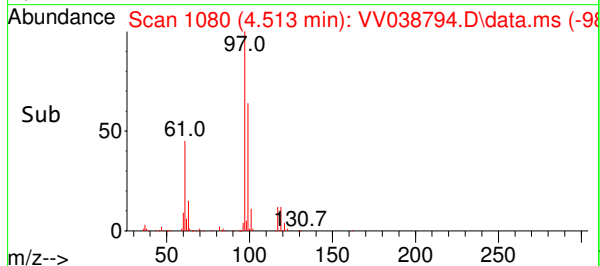
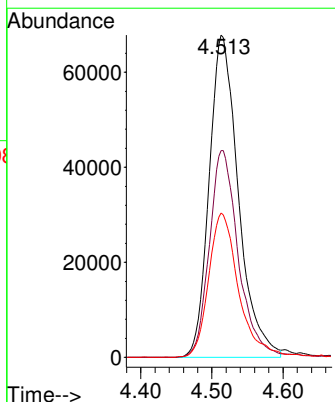
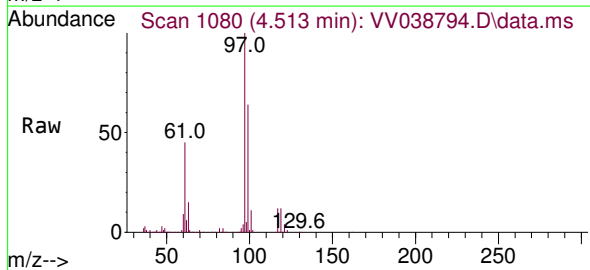




#29
1,1,1-Trichloroethane
Concen: 5.015 ug/L
RT: 4.513 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

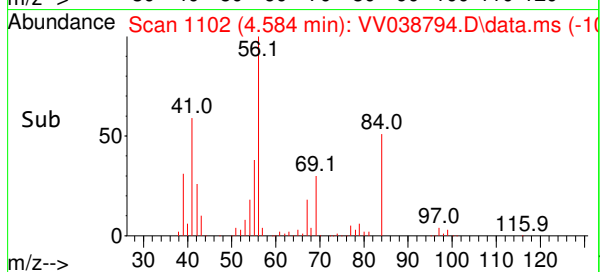
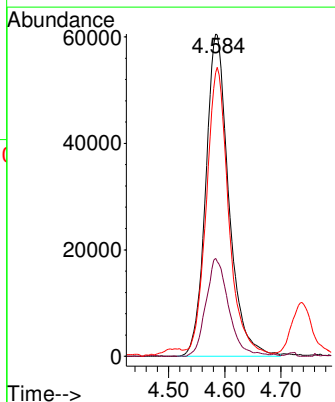
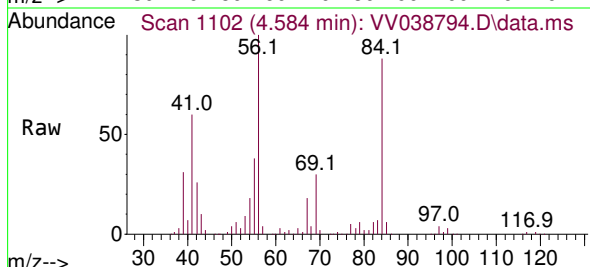
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

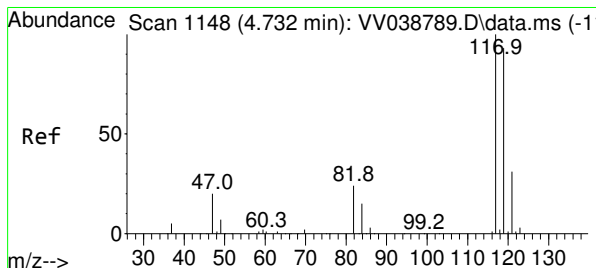
Tgt Ion: 97 Resp: 193319
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 46.3 35.8 53.6



#30
Cyclohexane
Concen: 4.850 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion: 56 Resp: 173019
Ion Ratio Lower Upper
56 100
69 29.5 24.0 36.0
84 84.6 72.7 109.1

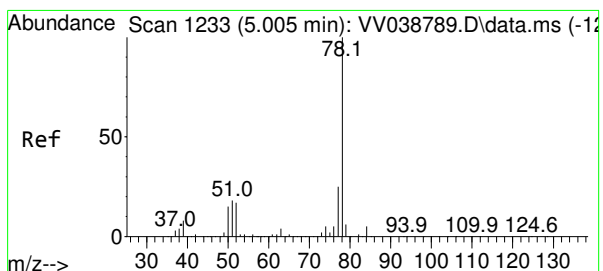
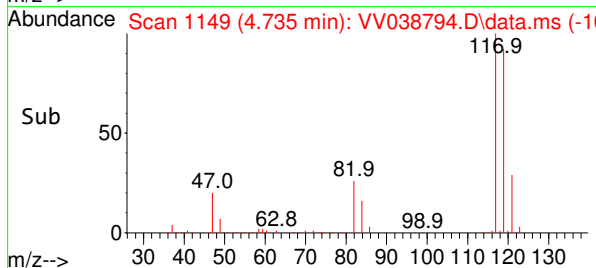
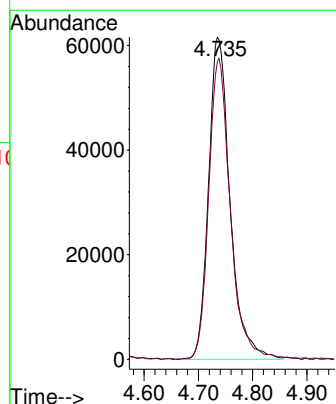
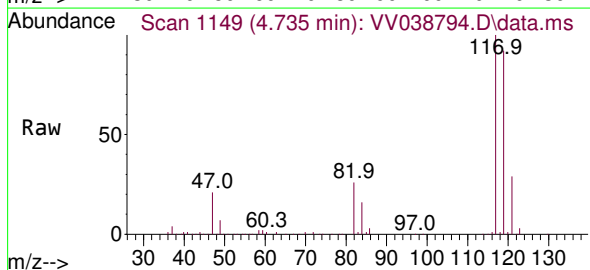




#31
Carbon tetrachloride
Concen: 4.984 ug/L
RT: 4.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

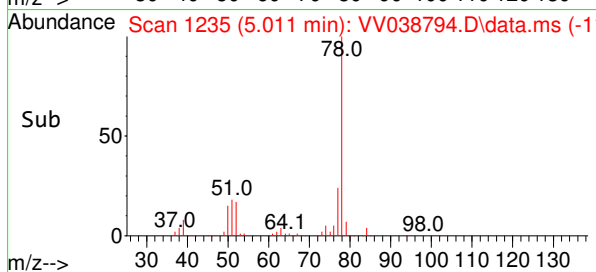
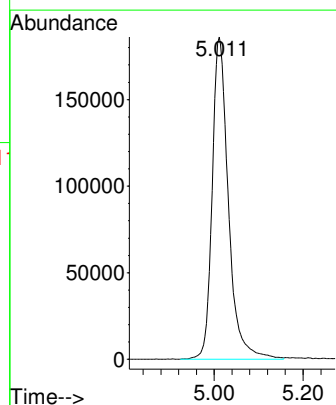
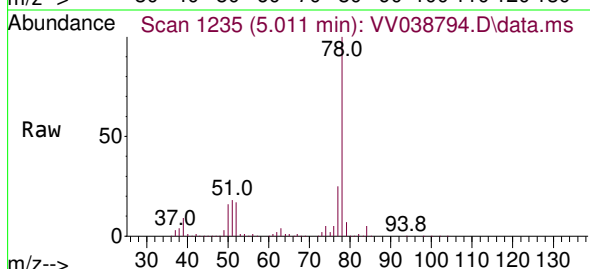
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

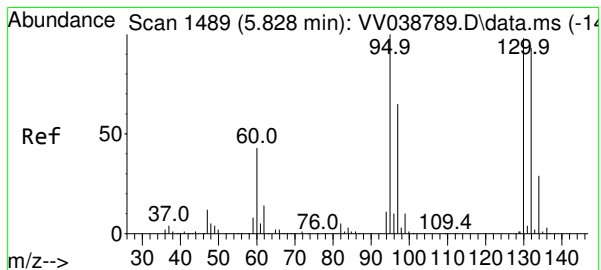
Tgt Ion:117 Resp: 169419
Ion Ratio Lower Upper
117 100
119 94.1 76.5 114.7



#33
Benzene
Concen: 5.230 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion: 78 Resp: 472229

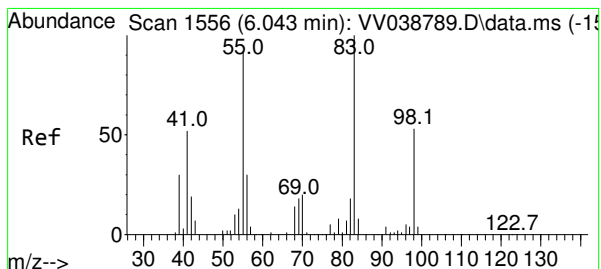
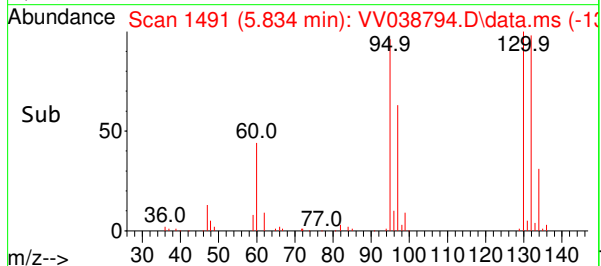
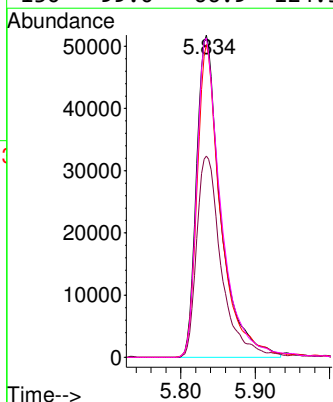
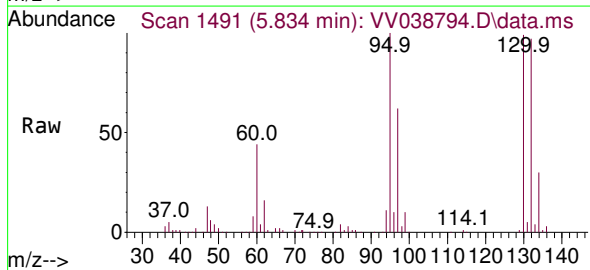




#34
Trichloroethene
Concen: 5.071 ug/L
RT: 5.834 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

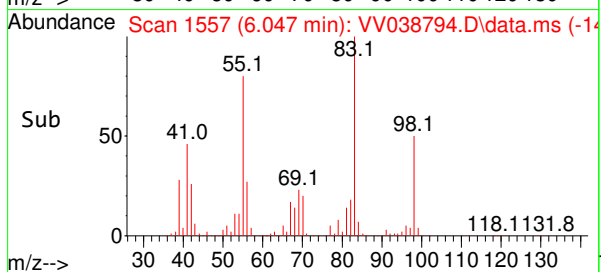
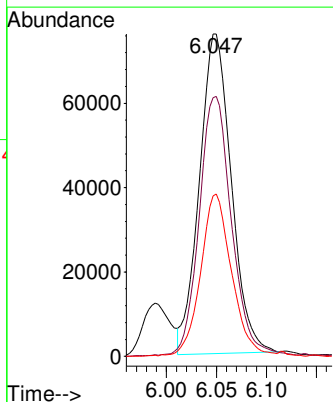
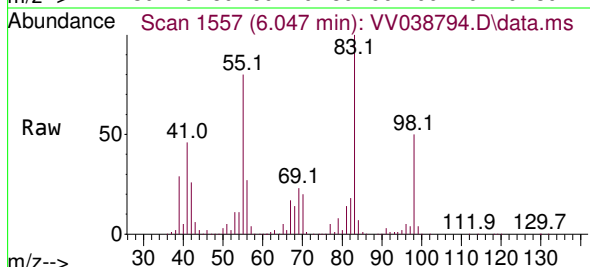
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

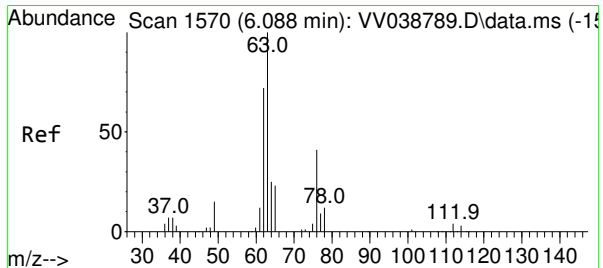
Tgt Ion:	95	Resp:	116656
Ion	Ratio	Lower	Upper
95	100		
97	62.5	43.5	80.9
132	97.1	64.0	118.8
130	99.0	66.9	124.3



#35
Methylcyclohexane
Concen: 4.631 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion:	83	Resp:	168440
Ion	Ratio	Lower	Upper
83	100		
55	82.2	62.6	94.0
98	49.5	38.7	58.1

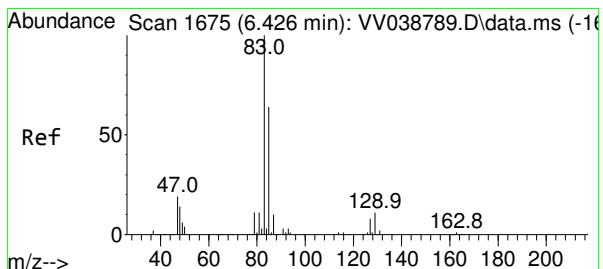
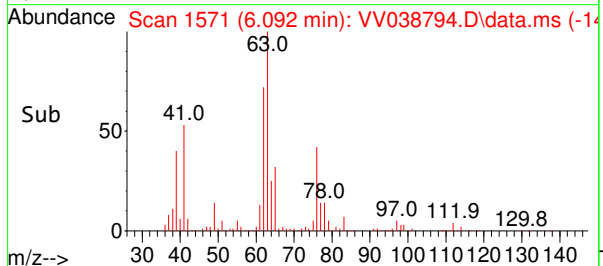
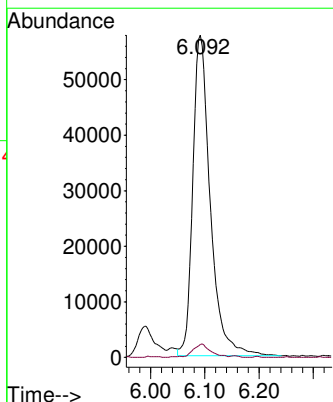
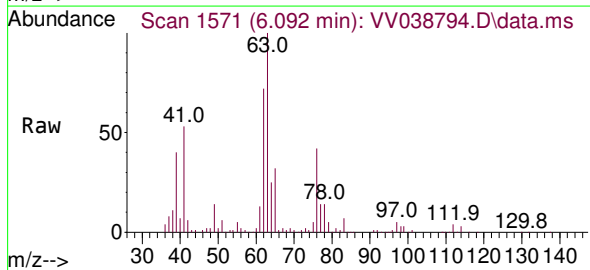




#37
1,2-Dichloropropane
Concen: 5.414 ug/L
RT: 6.092 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

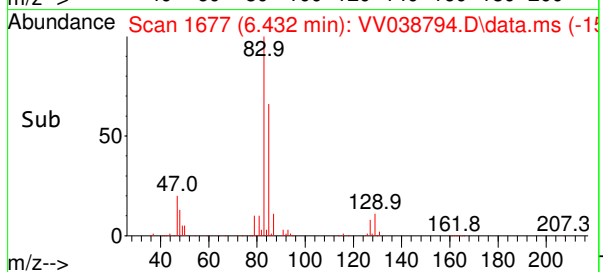
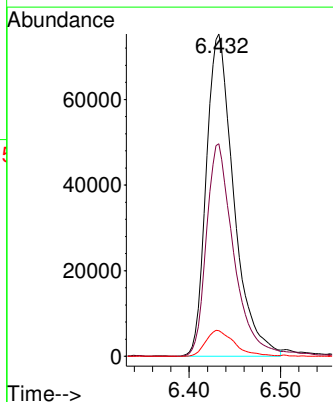
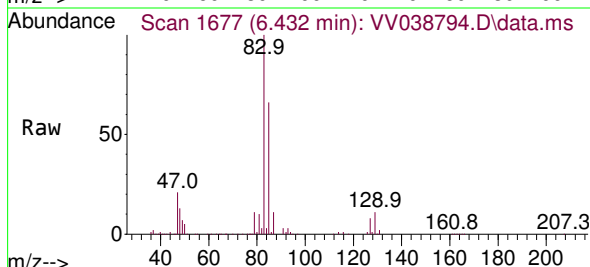
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

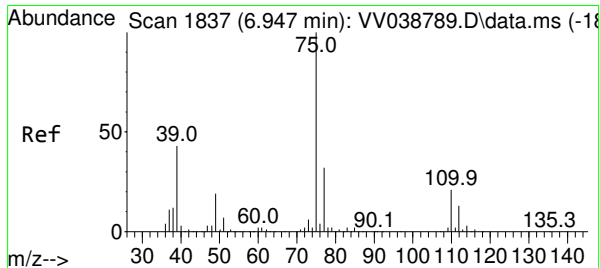
Tgt Ion: 63 Resp: 129263
Ion Ratio Lower Upper
63 100
112 4.1 3.6 5.4



#38
Bromodichloromethane
Concen: 5.061 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion: 83 Resp: 157480
Ion Ratio Lower Upper
83 100
85 66.0 44.0 81.6
127 7.9 6.2 9.4

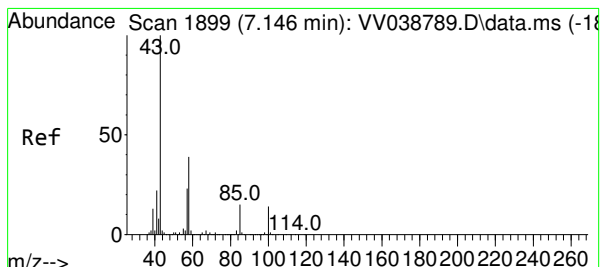
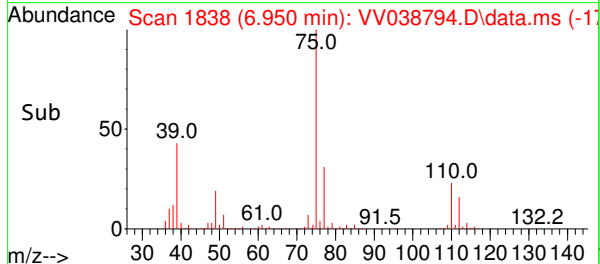
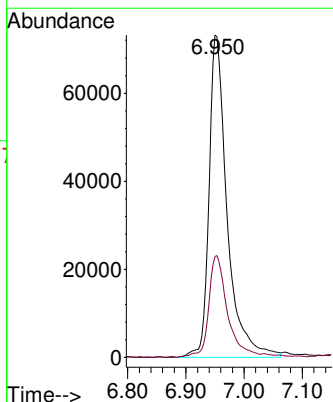
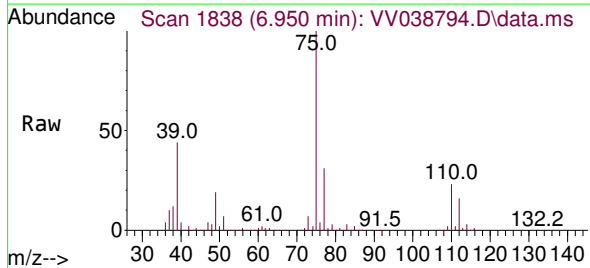




#39
 cis-1,3-Dichloropropene
 Concen: 4.999 ug/L
 RT: 6.950 min Scan# 1
 Delta R.T. 0.003 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

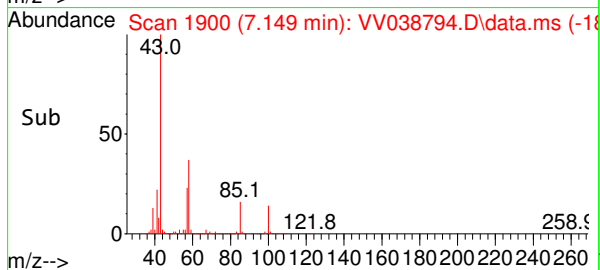
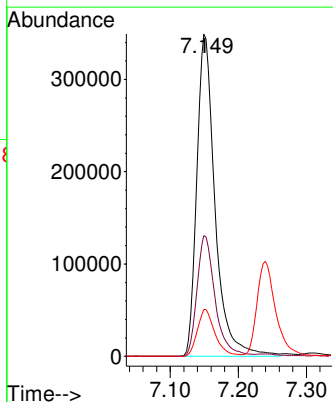
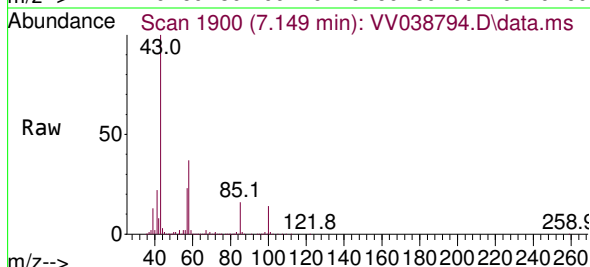
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

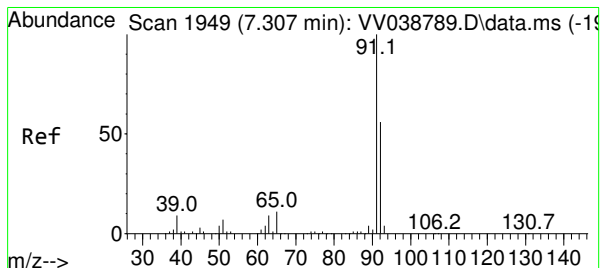
Tgt Ion: 75 Resp: 157961
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 59.612 ug/L
 RT: 7.149 min Scan# 1900
 Delta R.T. 0.003 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

Tgt Ion: 43 Resp: 649104
 Ion Ratio Lower Upper
 43 100
 58 37.2 31.1 46.7
 100 14.2 12.0 18.0





#42

Toluene

Concen: 5.508 ug/L

RT: 7.310 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038794.D

Acq: 12 Jun 2025 17:00

Instrument :

MSVOA_V

ClientSampleId :

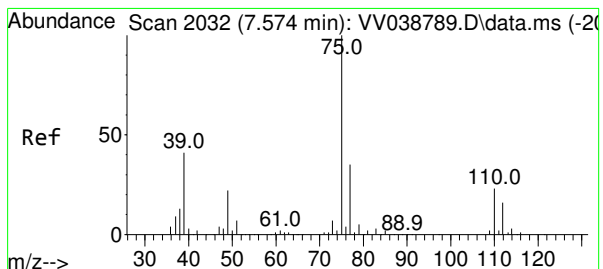
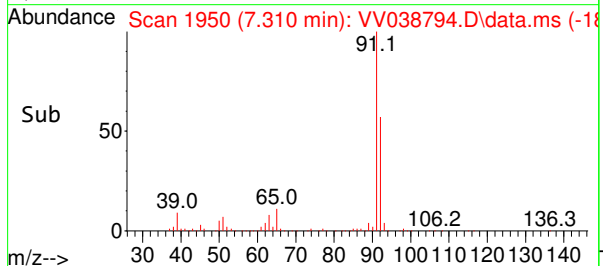
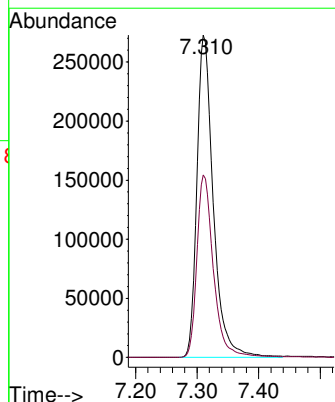
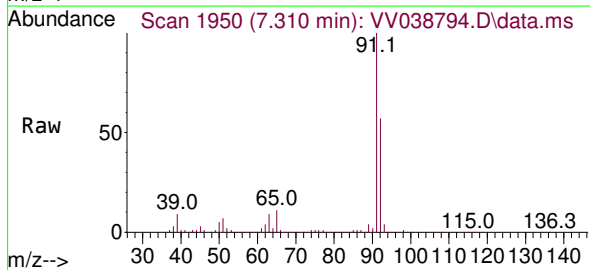
VSTD005354

Tgt Ion: 91 Resp: 504267

Ion Ratio Lower Upper

91 100

92 56.6 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.311 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV038794.D

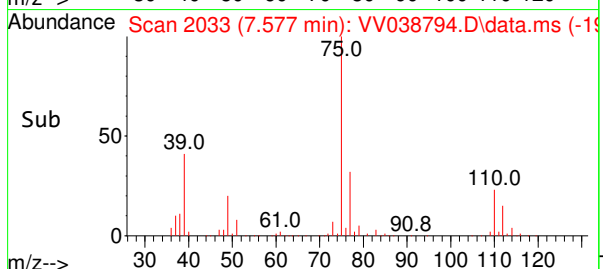
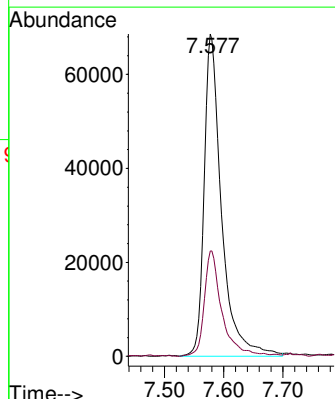
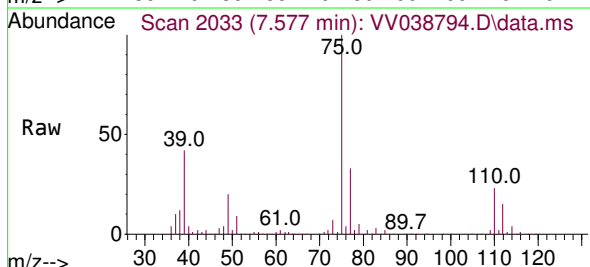
Acq: 12 Jun 2025 17:00

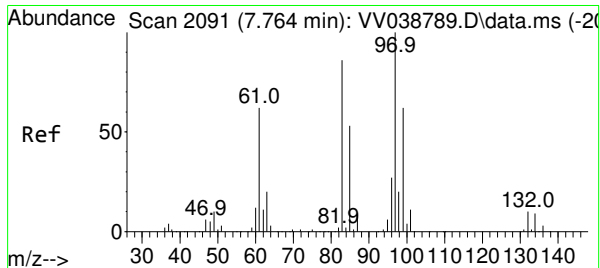
Tgt Ion: 75 Resp: 141303

Ion Ratio Lower Upper

75 100

77 32.7 21.4 39.8

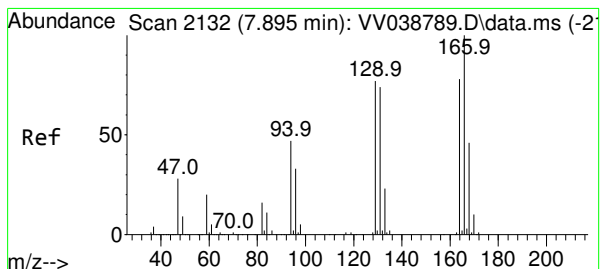
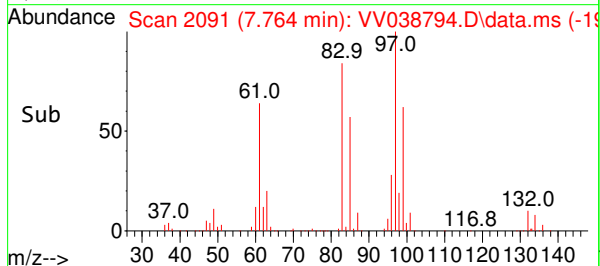
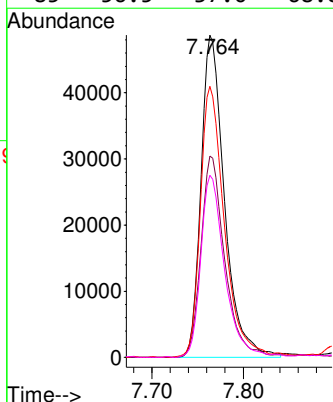
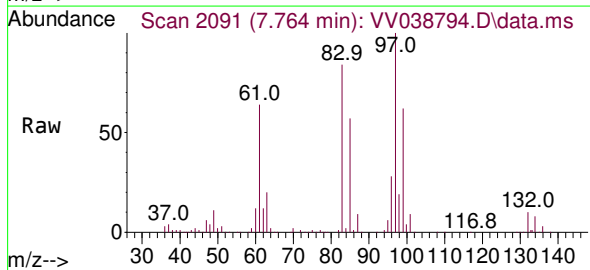




#45
1,1,2-Trichloroethane
Concen: 5.142 ug/L
RT: 7.764 min Scan# 2132
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

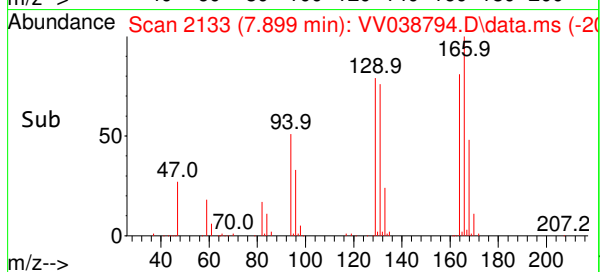
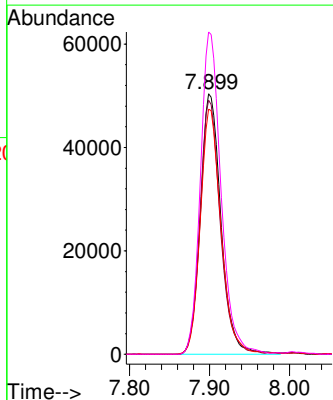
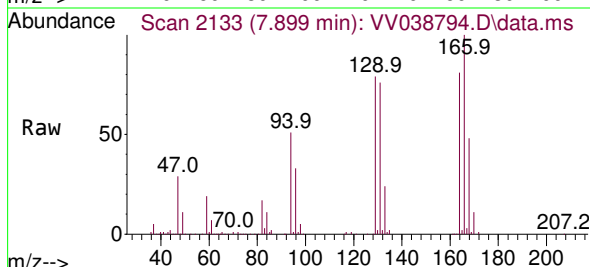
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

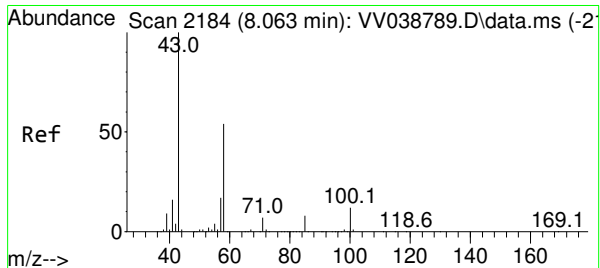
Tgt Ion:	97	Resp:	86932
Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.7	79.3
83	84.0	57.2	106.2
85	56.5	37.0	68.8



#47
Tetrachloroethene
Concen: 5.083 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion:	164	Resp:	90424
Ion	Ratio	Lower	Upper
164	100		
129	97.5	66.3	123.1
131	94.0	63.2	117.4
166	123.7	85.4	158.6

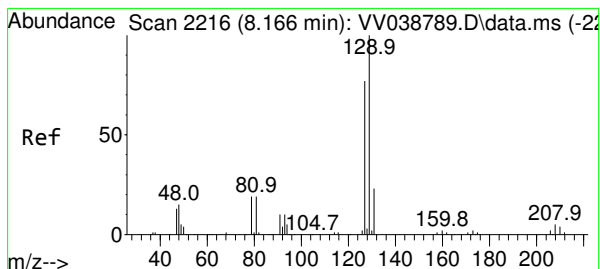
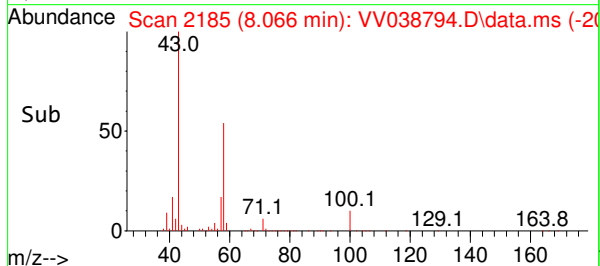
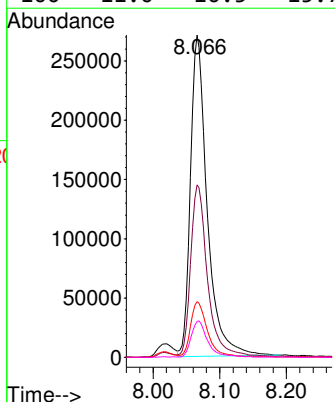
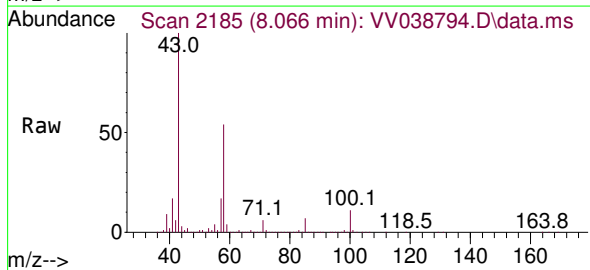




#48
2-Hexanone
Concen: 62.648 ug/L
RT: 8.066 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

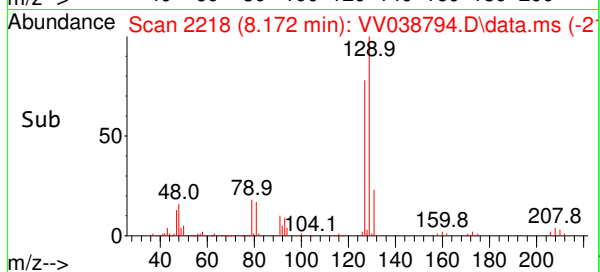
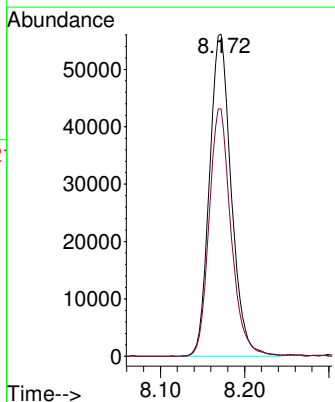
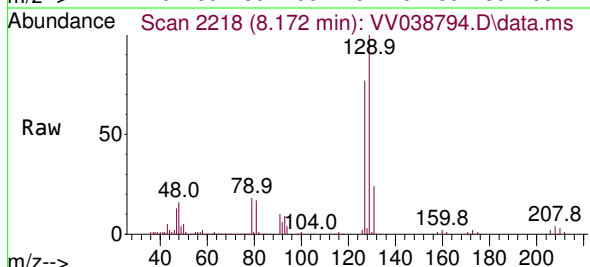
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

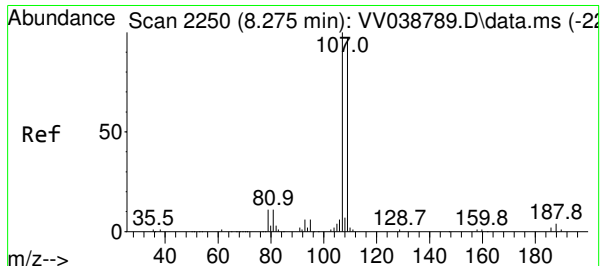
Tgt Ion: 43 Resp: 470804
Ion Ratio Lower Upper
43 100
58 53.9 46.1 69.1
57 16.9 15.0 22.6
100 11.0 10.5 15.7



#49
Dibromochloromethane
Concen: 5.391 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion: 129 Resp: 101045
Ion Ratio Lower Upper
129 100
127 76.7 53.5 99.3

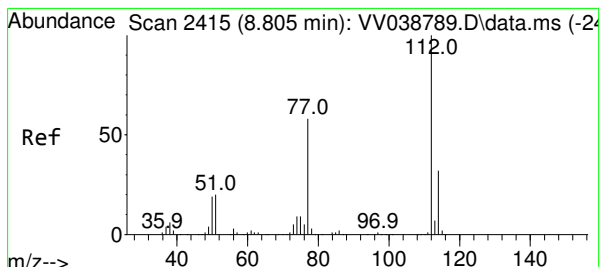
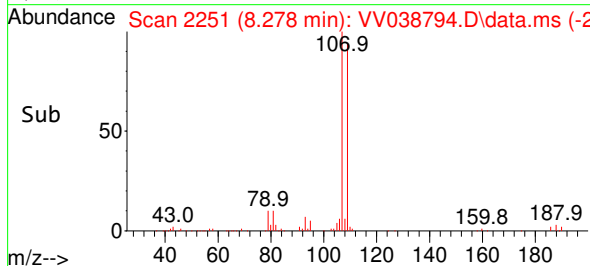
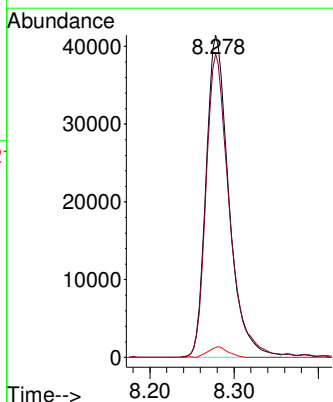
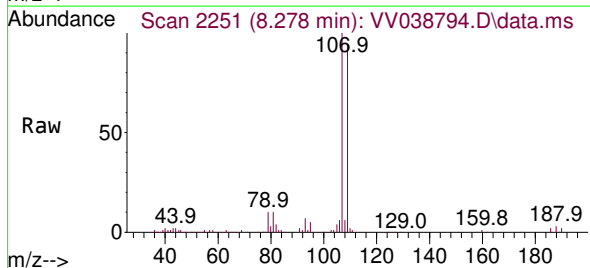




#50
1,2-Dibromoethane
Concen: 5.302 ug/L
RT: 8.278 min Scan# 215
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

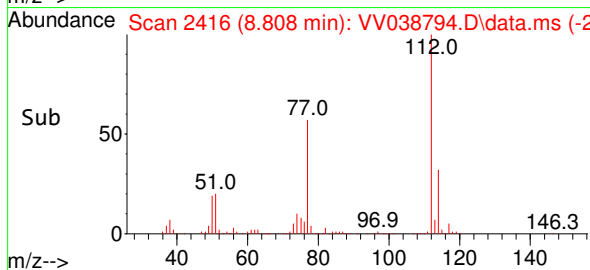
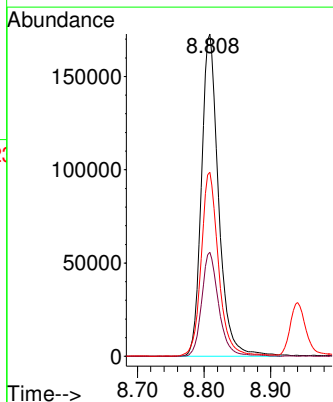
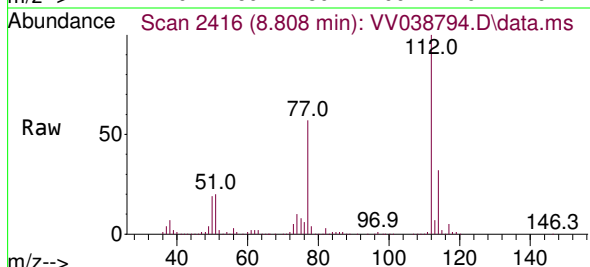
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

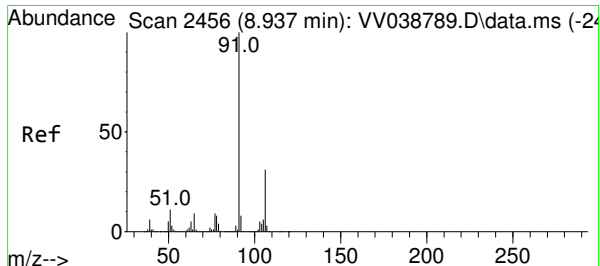
Tgt Ion:	107	Resp:	77903
Ion	Ratio	Lower	Upper
107	100		
109	94.2	70.2	130.4
188	3.1	2.8	4.2



#51
Chlorobenzene
Concen: 5.192 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion:	112	Resp:	308244
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.6	42.0
77	57.1	47.0	70.6

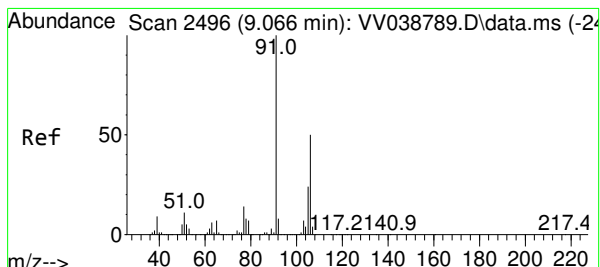
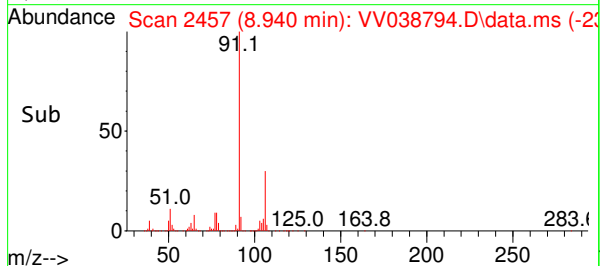
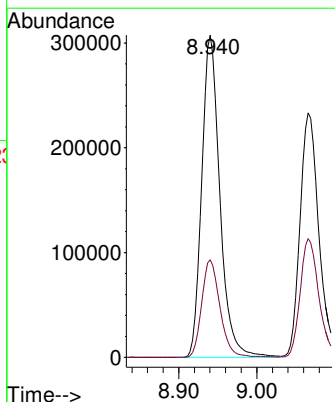
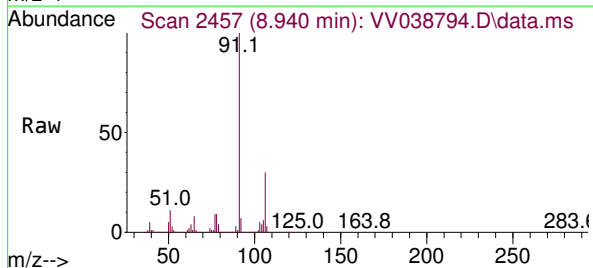




#52
Ethylbenzene
Concen: 5.309 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

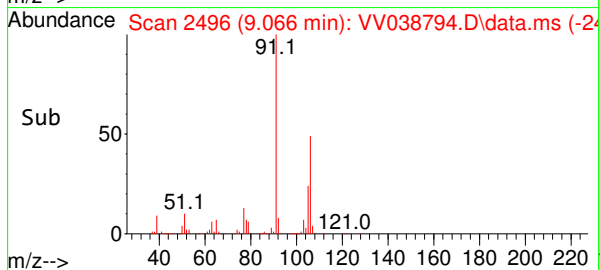
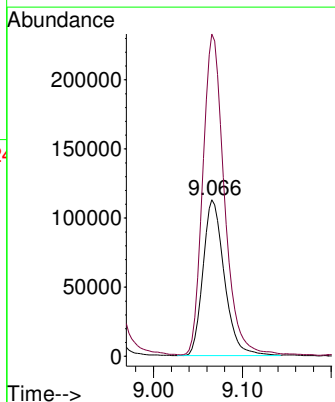
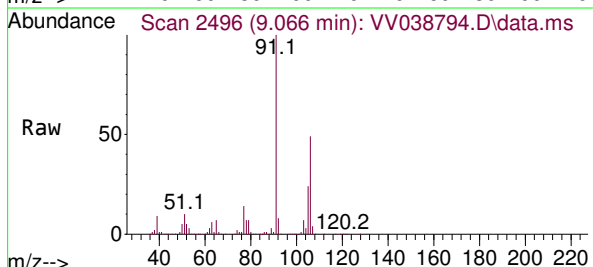
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

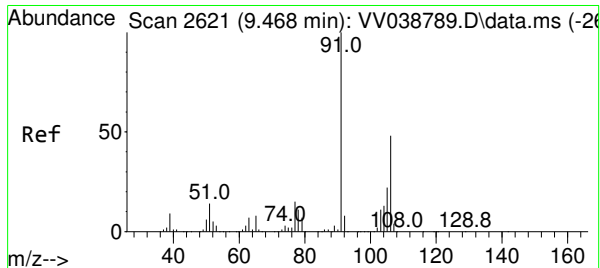
Tgt Ion: 91 Resp: 496635
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.6



#53
m,p-Xylene
Concen: 5.346 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion:106 Resp: 189148
Ion Ratio Lower Upper
106 100
91 205.8 146.3 271.7

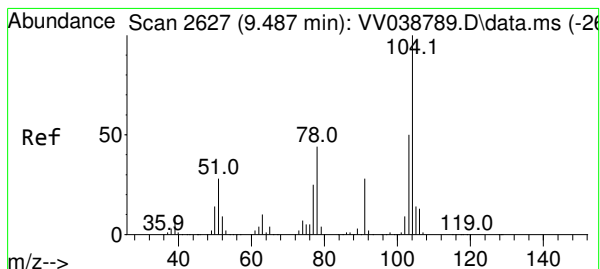
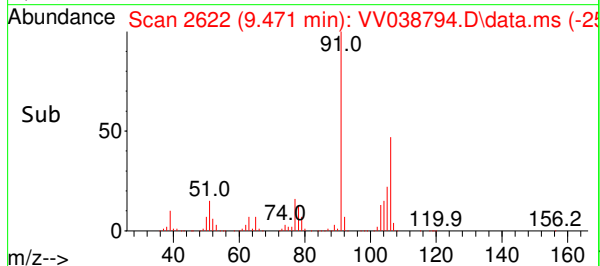
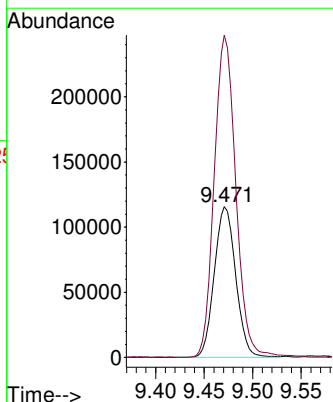
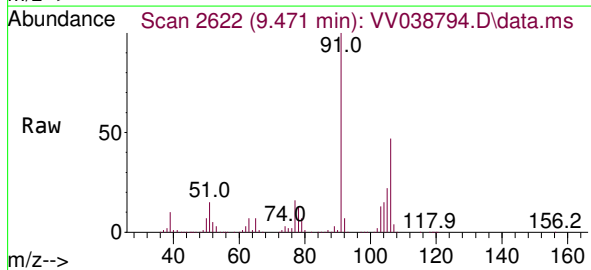




#54
o-Xylene
Concen: 5.291 ug/L
RT: 9.471 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

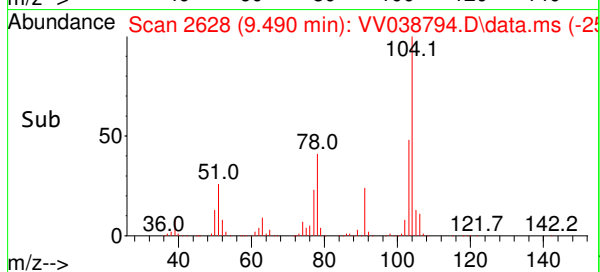
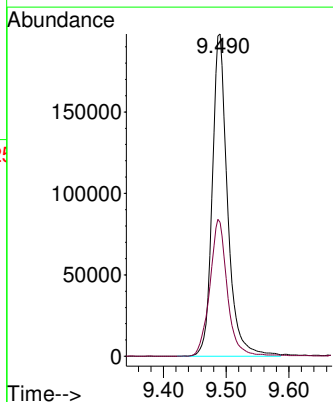
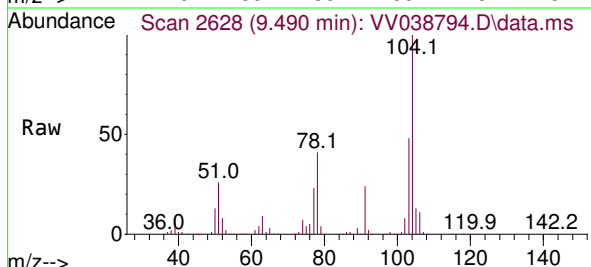
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

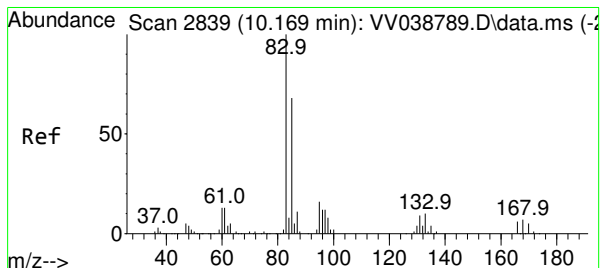
Tgt Ion:106 Resp: 177275
Ion Ratio Lower Upper
106 100
91 213.7 150.8 280.0



#55
Styrene
Concen: 5.853 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion:104 Resp: 335751
Ion Ratio Lower Upper
104 100
78 41.5 30.5 56.7

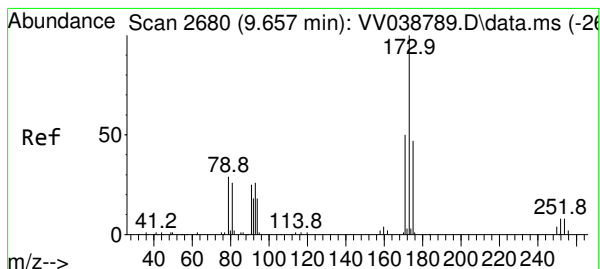
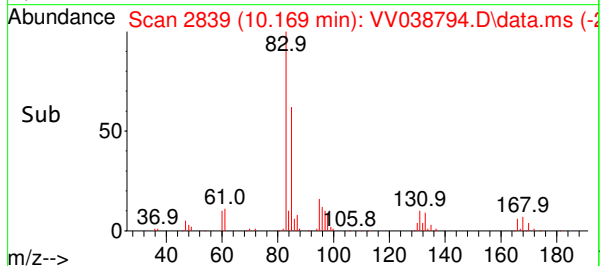
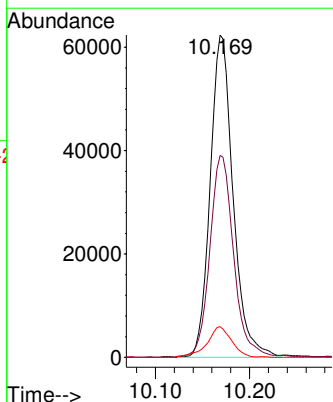
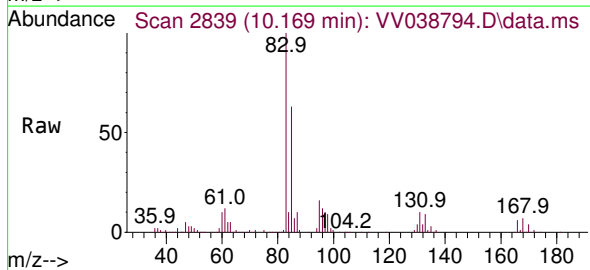




#57
1,1,2,2-Tetrachloroethane
Concen: 5.445 ug/L
RT: 10.169 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

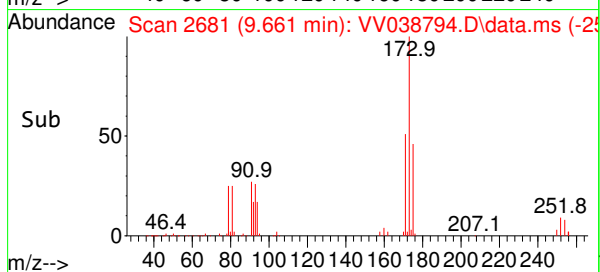
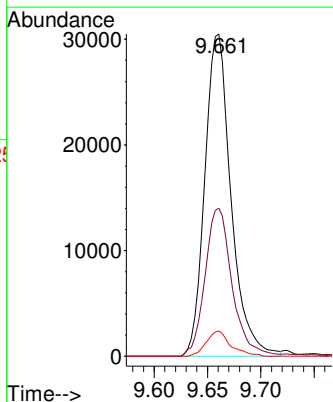
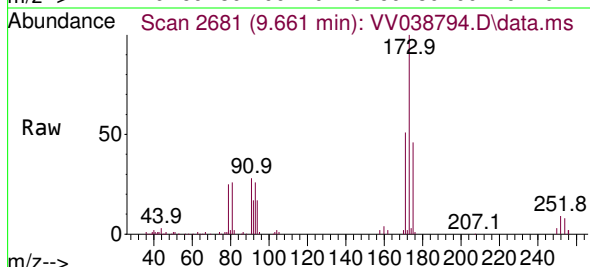
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

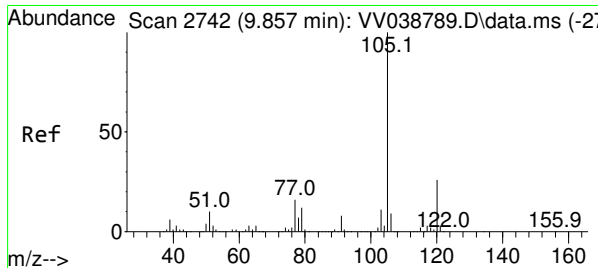
Tgt Ion:	83	Resp:	105417
Ion	Ratio	Lower	Upper
83	100		
85	62.6	46.1	85.5
131	9.6	8.5	12.7



#59
Bromoform
Concen: 5.139 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion:	173	Resp:	52232
Ion	Ratio	Lower	Upper
173	100		
175	47.7	39.5	59.3
254	7.4	5.7	8.5

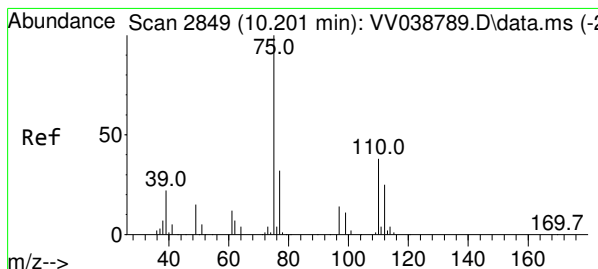
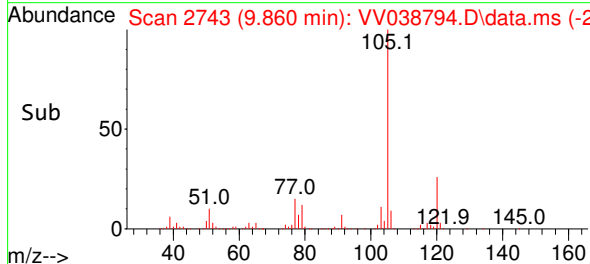
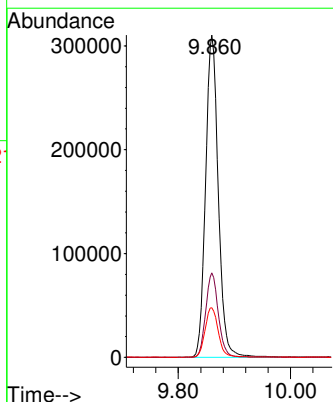
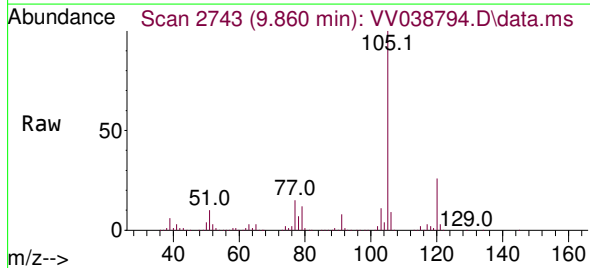




#60
Isopropylbenzene
Concen: 5.080 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

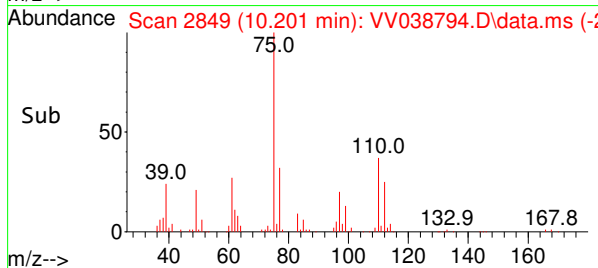
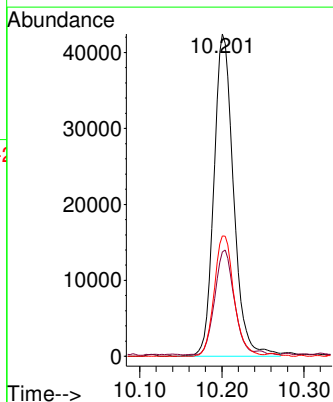
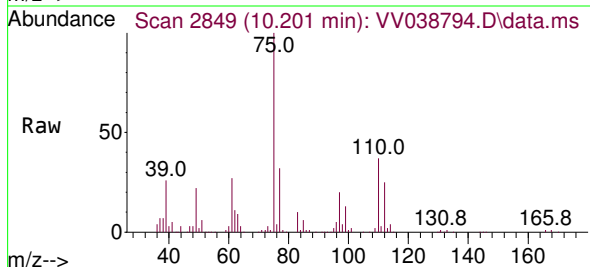
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

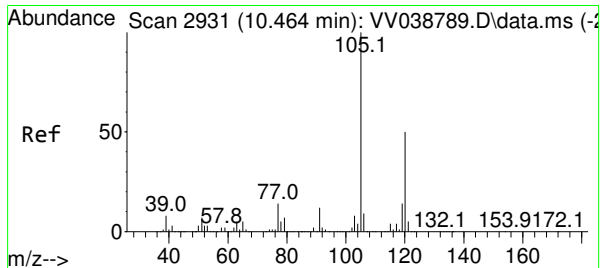
Tgt Ion:	105	Resp:	488939
Ion	Ratio	Lower	Upper
105	100		
120	26.1	21.0	31.4
77	15.8	12.2	18.4



#61
1,2,3-Trichloropropane
Concen: 5.120 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion:	75	Resp:	70624
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.5	38.3
110	37.6	30.9	46.3

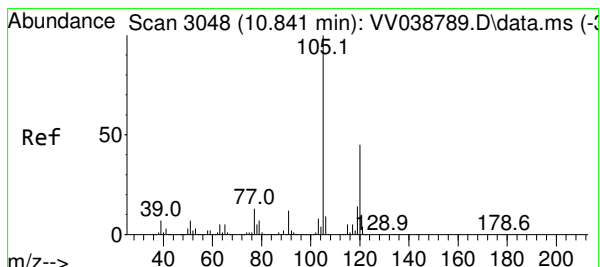
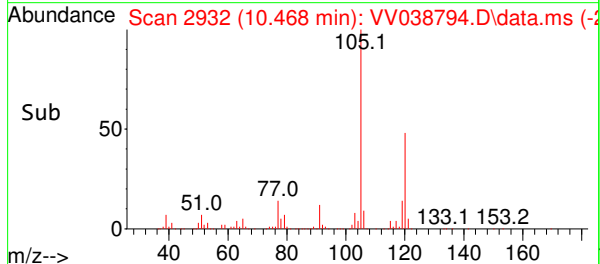
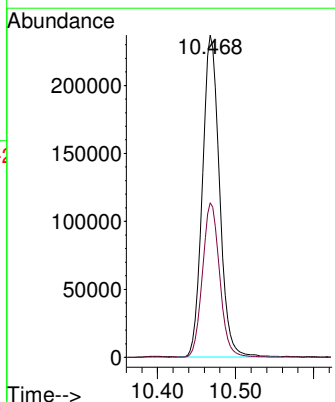
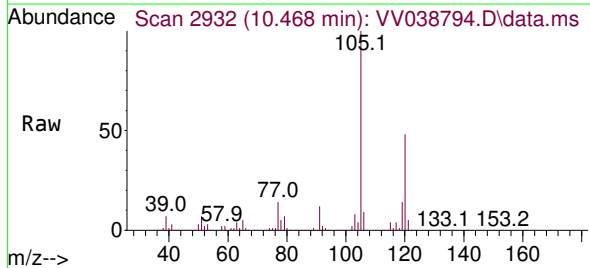




#62
 1,3,5-Trimethylbenzene
 Concen: 4.858 ug/L
 RT: 10.468 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

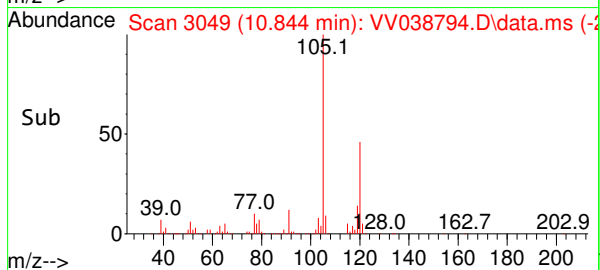
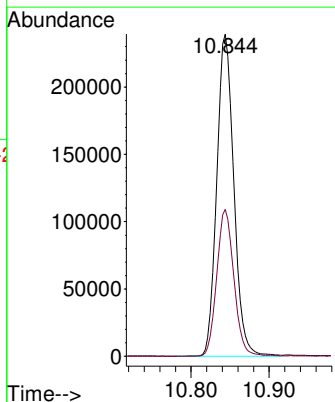
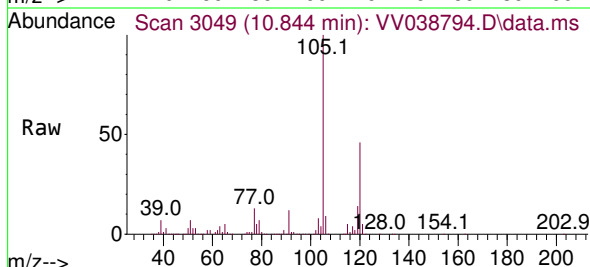
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

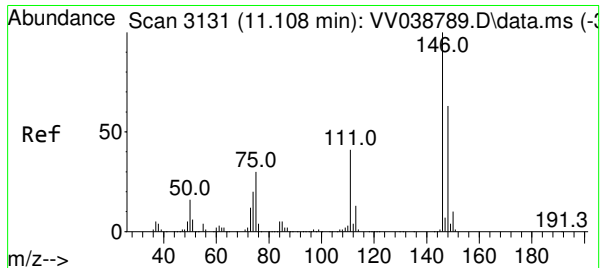
Tgt Ion:105 Resp: 359459
 Ion Ratio Lower Upper
 105 100
 120 48.3 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.920 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.003 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

Tgt Ion:105 Resp: 364250
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.2 54.2

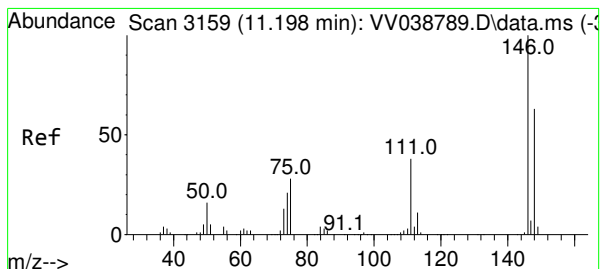
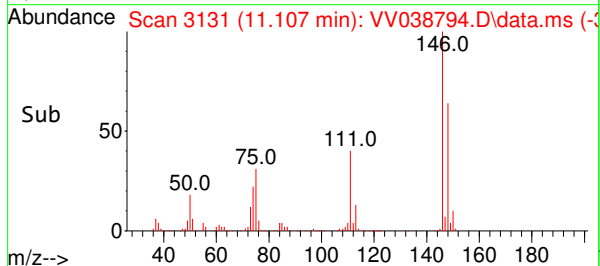
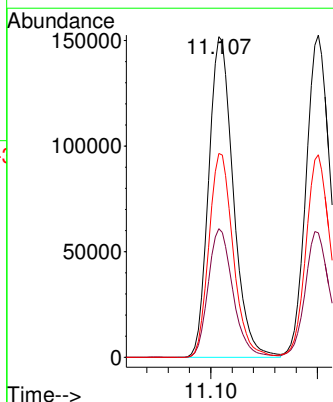
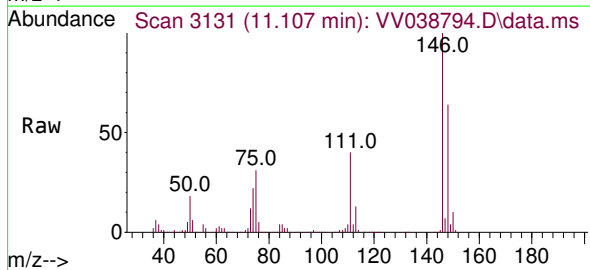




#64
1,3-Dichlorobenzene
Concen: 5.239 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. -0.000 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

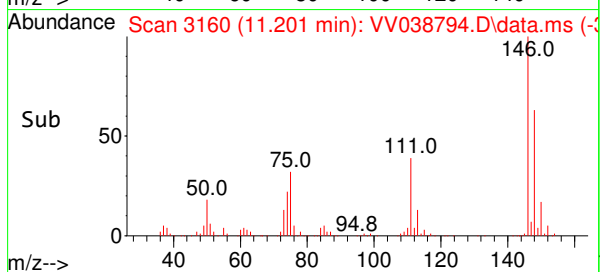
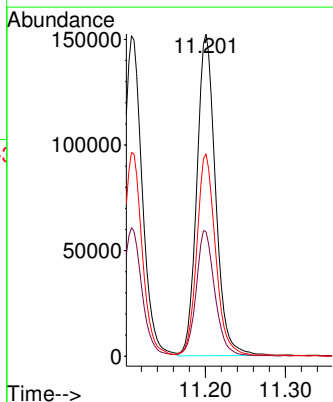
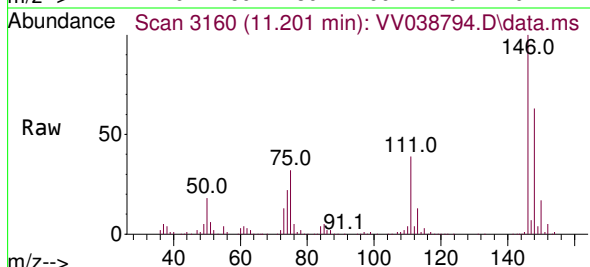
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

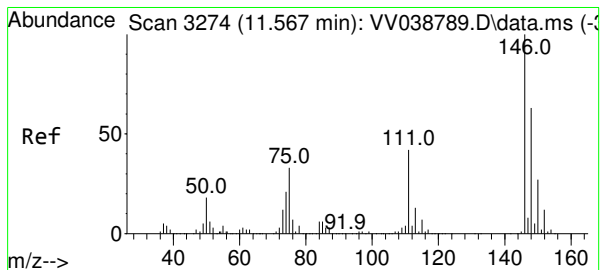
Tgt Ion:	146	Resp:	243077
Ion	Ratio	Lower	Upper
146	100		
111	40.1	29.0	53.9
148	63.6	44.1	81.9



#65
1,4-Dichlorobenzene
Concen: 5.084 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion:	146	Resp:	247600
Ion	Ratio	Lower	Upper
146	100		
111	38.6	27.7	51.5
148	62.8	44.9	83.5

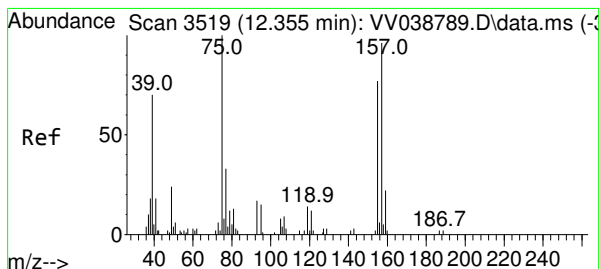
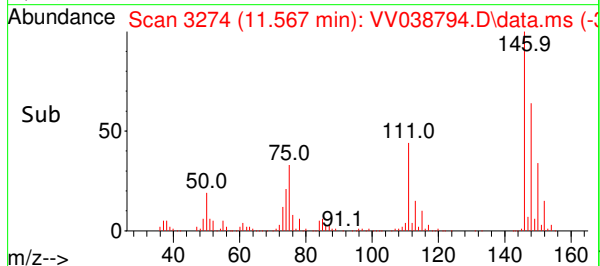
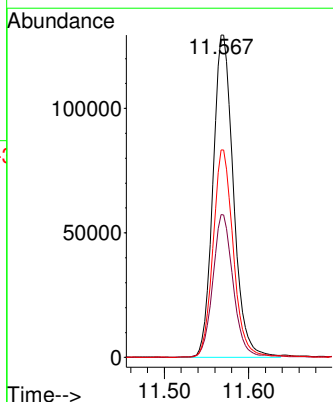
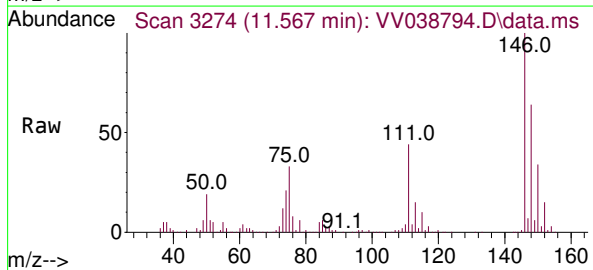




#67
 1,2-Dichlorobenzene
 Concen: 5.125 ug/L
 RT: 11.567 min Scan# 3
 Delta R.T. -0.000 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

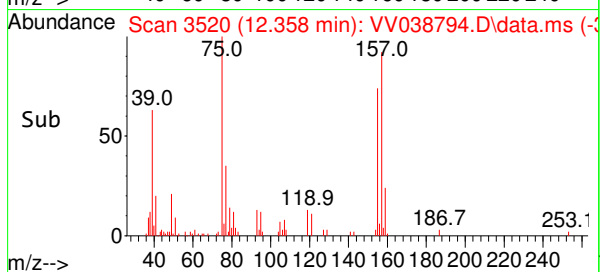
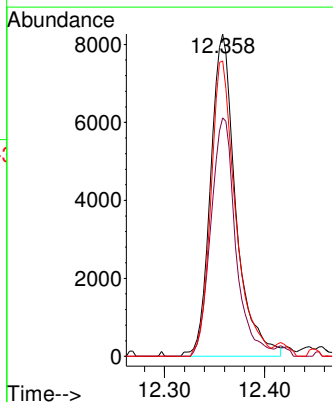
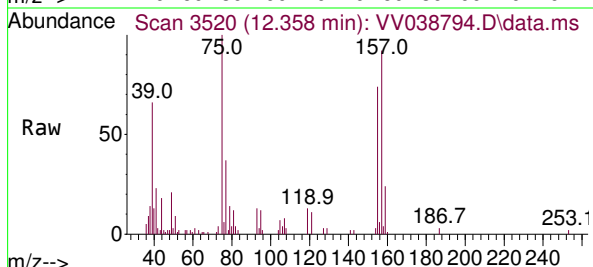
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005354

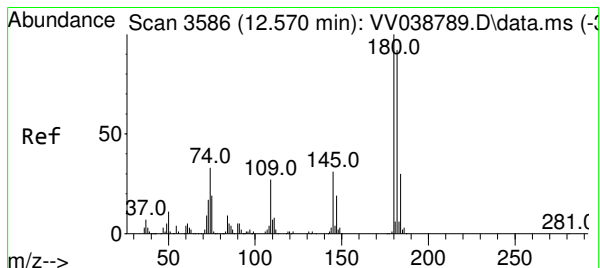
Tgt Ion:	146	Resp:	218125
Ion	Ratio	Lower	Upper
146	100		
111	44.3	35.4	53.0
148	64.4	52.2	78.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.934 ug/L
 RT: 12.358 min Scan# 3520
 Delta R.T. -0.000 min
 Lab File: VV038794.D
 Acq: 12 Jun 2025 17:00

Tgt Ion:	75	Resp:	14536
Ion	Ratio	Lower	Upper
75	100		
155	73.9	60.3	90.5
157	91.6	76.9	115.3

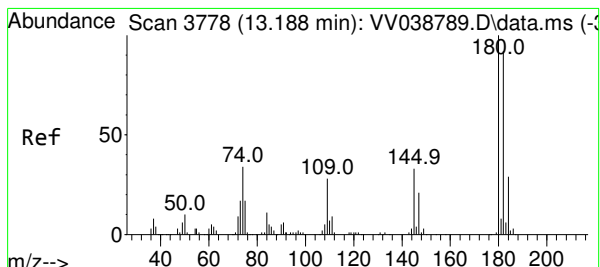
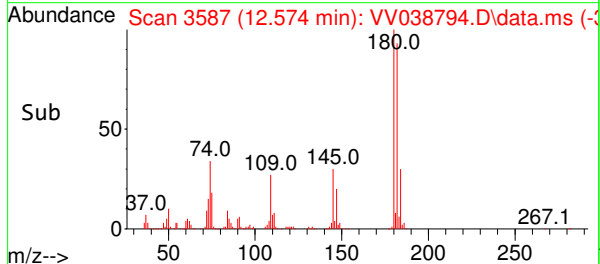
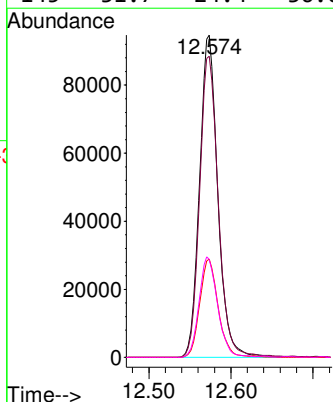
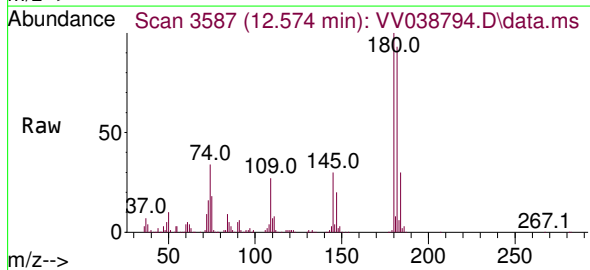




#69
1,3,5-Trichlorobenzene
Concen: 4.878 ug/L
RT: 12.574 min Scan# 3586
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

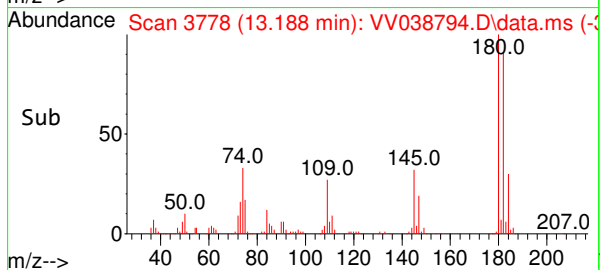
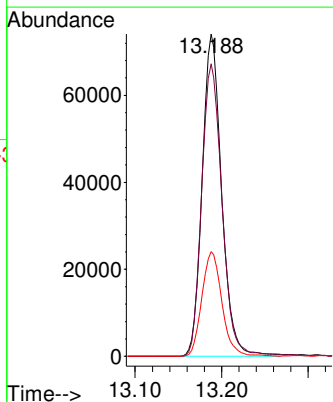
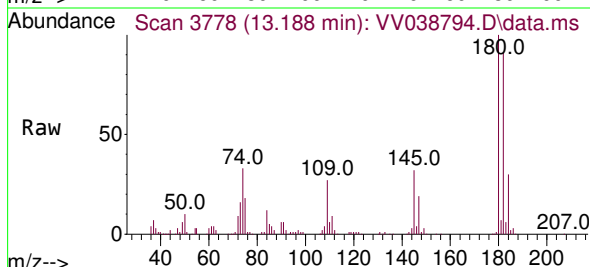
Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

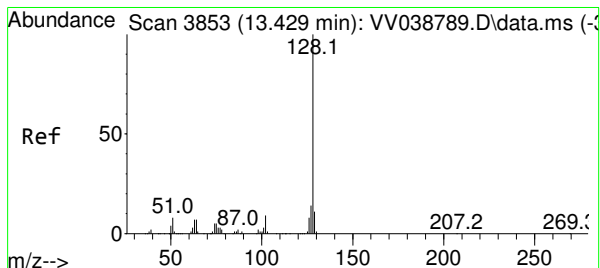
Tgt Ion:	180	Resp:	146712
Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.6	113.4
184	30.6	24.1	36.1
145	31.7	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 4.883 ug/L
RT: 13.188 min Scan# 3778
Delta R.T. -0.000 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion:	180	Resp:	115514
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.6	115.0
145	33.3	26.0	39.0

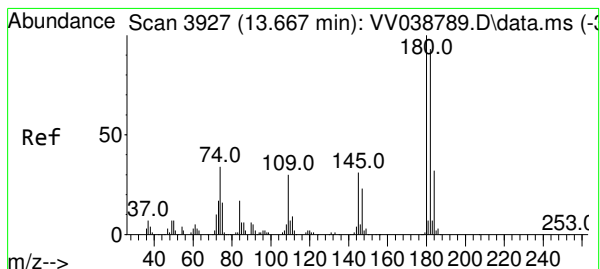
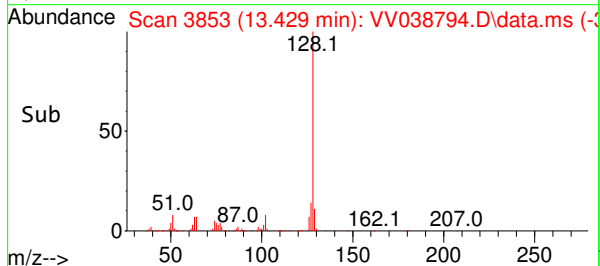
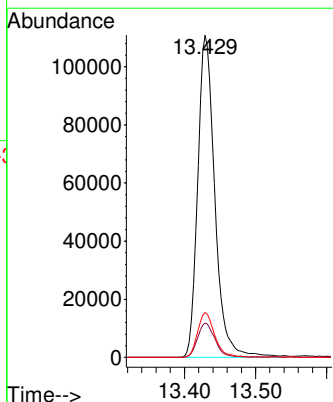
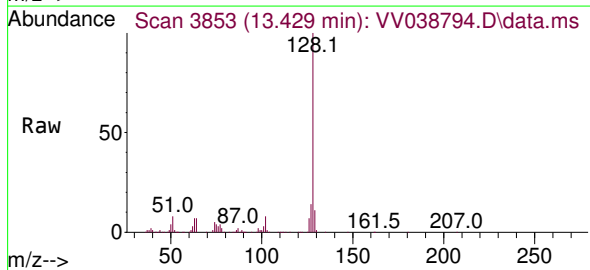




#71
Naphthalene
Concen: 4.859 ug/L
RT: 13.429 min Scan# 3853
Delta R.T. -0.000 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Instrument :
MSVOA_V
ClientSampleId :
VSTD005354

Tgt Ion:	128	Resp:	185546
Ion	Ratio	Lower	Upper
128	100		
129	10.9	7.6	11.4
127	14.0	10.9	16.3



#72
1,2,3-Trichlorobenzene
Concen: 5.014 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. 0.003 min
Lab File: VV038794.D
Acq: 12 Jun 2025 17:00

Tgt Ion:	180	Resp:	108664
Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.0	114.0
145	34.1	28.4	42.6

