

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031725\
 Data File : VV038720.D
 Acq On : 17 Mar 2025 17:06
 Operator : SY/MD
 Sample : Q1546-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 18 08:11:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 17 15:08:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	366591	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	389916	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	165830	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	170241	46.13	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	92.26%	
7) Chloroethane-d5	1.529	69	144709	46.77	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	93.54%	
11) 1,1-Dichloroethene-d2	2.053	65	75198	45.44	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.88%	
21) 2-Butanone-d5	3.790	46	112791	84.84	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	84.84%	
24) Chloroform-d	4.240	84	309072	46.32	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.64%	
26) 1,2-Dichloroethane-d4	4.934	65	192552	49.60	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.20%	
32) Benzene-d6	4.950	84	598428	48.47	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.94%	
36) 1,2-Dichloropropane-d6	5.979	67	203437	51.03	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.06%	
41) Toluene-d8	7.236	98	503435	46.94	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.88%	
43) trans-1,3-Dichloroprop...	7.548	79	76210	46.39	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.78%	
47) 2-Hexanone-d5	8.021	63	71301	86.46	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	86.46%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	227004	45.92	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	91.84%	
66) 1,2-Dichlorobenzene-d4	11.551	152	173439	54.79	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	109.58%	
Target Compounds						
2) Dichlorodifluoromethane	1.108	85	5978	2.47	ug/L	98
3) Chloromethane	1.214	50	9144	2.32	ug/L #	1
5) Vinyl chloride	1.282	62	8941	2.28	ug/L	98
6) Bromomethane	1.484	94	4597	2.25	ug/L	91
8) Chloroethane	1.545	64	5506	2.18	ug/L	99
9) Trichlorofluoromethane	1.709	101	10631	2.84	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	8313	2.71	ug/L #	1
12) 1,1-Dichloroethene	2.063	96	7466	4.08	ug/L	94
13) Acetone	2.111	43	5333	2.35	ug/L	98
14) Carbon disulfide	2.237	76	20106	1.49	ug/L	99
15) Methyl Acetate	2.391	43	3895	2.20	ug/L	93
17) trans-1,2-Dichloroethene	2.696	96	6371	1.94	ug/L #	89
18) Methyl tert-butyl Ether	2.700	73	15764	2.19	ug/L	95
19) 1,1-Dichloroethane	3.108	63	13327	2.02	ug/L	81
20) cis-1,2-Dichloroethene	3.818	96	6410	1.52	ug/L #	61
23) Bromochloromethane	4.162	128	2583	2.05	ug/L	95
27) 1,2-Dichloroethane	5.056	62	8975	1.85	ug/L #	83
29) Cyclohexane	4.574	56	8854	2.12	ug/L #	80
30) 1,1,1-Trichloroethane	4.507	97	10575			

Client Sample ID :
 MSVOA_V
 Instrument :

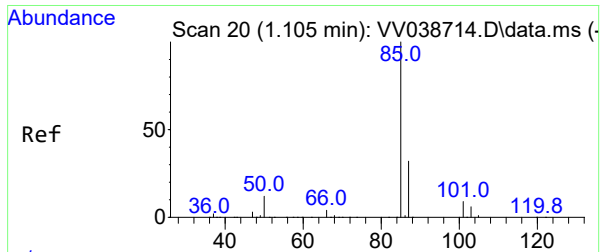
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Quant Title : VOC Analysis
QLast Update : Mon Mar 17 15:08:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.732	117	9216	2.15	ug/L	94
33) Benzene	5.011	78	24640	1.99	ug/L	100
34) Trichloroethene	5.838	95	6248	1.96	ug/L	89
35) Methylcyclohexane	6.040	83	7760	1.66	ug/L	89
37) 1,2-Dichloropropane	6.098	63	6365	1.84	ug/L #	96
38) Bromodichloromethane	6.439	83	9697	2.13	ug/L	90
39) cis-1,3-Dichloropropene	6.966	75	9712	1.97	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	8435	2.75	ug/L #	91
42) Toluene	7.320	91	25575	2.02	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	6911	1.48	ug/L	89
45) 1,1,2-Trichloroethane	7.773	97	6359	1.95	ug/L	92
46) Tetrachloroethene	7.905	164	4756	2.10	ug/L	94
48) 2-Hexanone	8.088	43	11024	5.19	ug/L #	85
49) Dibromochloromethane	8.172	129	7020	2.16	ug/L	99
50) 1,2-Dibromoethane	8.285	107	7027	2.22	ug/L	96
51) Chlorobenzene	8.812	112	18997	2.20	ug/L	94
52) Ethylbenzene	8.947	91	25331	1.81	ug/L	96
53) m,p-Xylene	9.072	106	8491	1.68	ug/L	85
54) o-Xylene	9.477	106	8065	1.64	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.169	83	11260	2.32	ug/L #	96
59) Bromoform	9.667	173	3105	2.02	ug/L #	92
60) Isopropylbenzene	9.863	105	20287	1.94	ug/L #	95
61) 1,2,3-Trichloropropane	10.204	75	7717	2.79	ug/L #	85
62) 1,3,5-Trimethylbenzene	10.471	105	15167	1.88	ug/L	95
63) 1,2,4-Trimethylbenzene	10.850	105	14738	1.80	ug/L	94
64) 1,3-Dichlorobenzene	11.120	146	11310	2.24	ug/L	95
65) 1,4-Dichlorobenzene	11.201	146	12523	2.31	ug/L	93
67) 1,2-Dichlorobenzene	11.571	146	13903	2.71	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.374	75	2101	3.14	ug/L #	61
69) 1,3,5-Trichlorobenzene	12.580	180	7309	2.27	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	5343	2.02	ug/L	98
71) Naphthalene	13.448	128	13027	1.90	ug/L	97
72) 1,2,3-Trichlorobenzene	13.677	180	5617			

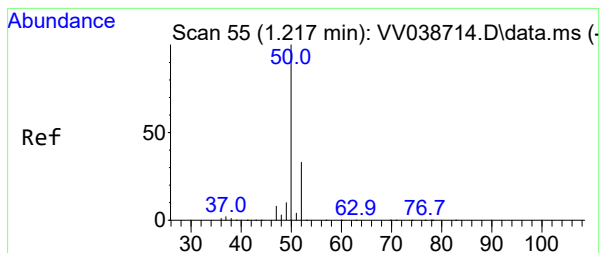
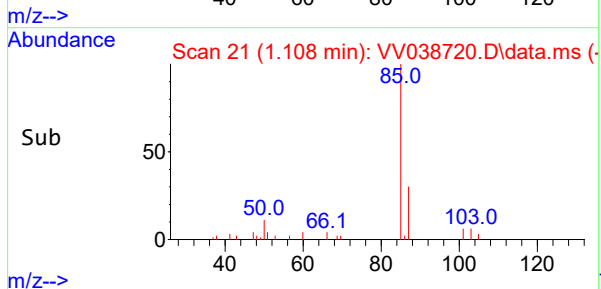
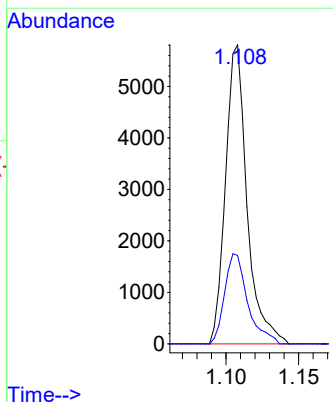
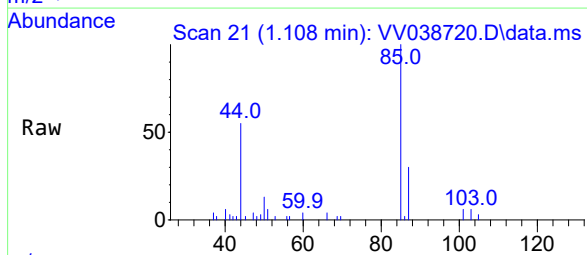
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MSVOA_V
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



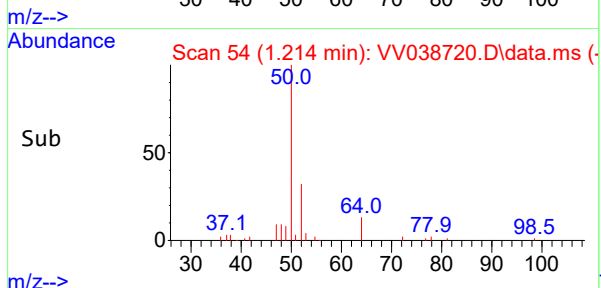
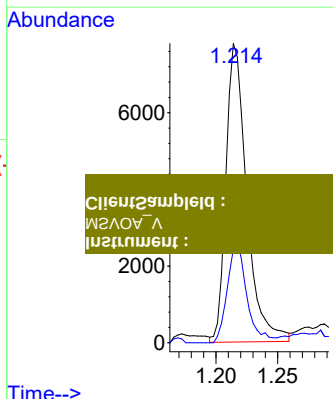
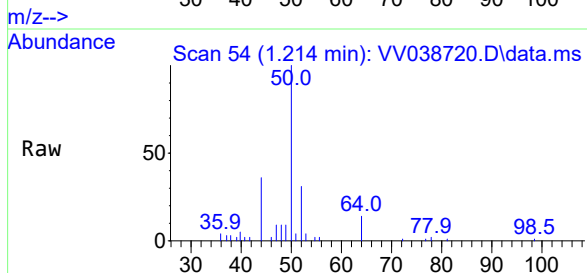
#2
Dichlorodifluoromethane
Concen: 2.09 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 85 Resp: 5978
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.6

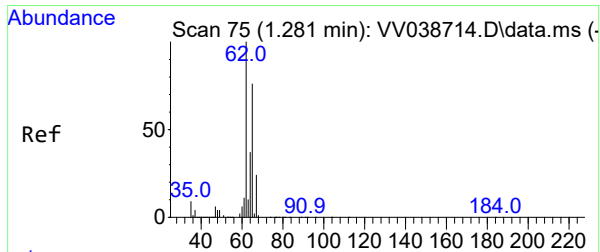


#3
Chloromethane
Concen: 2.47 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 50 Resp: 9144
Ion Ratio Lower Upper
50 100
52 31.3 22.7 42.3

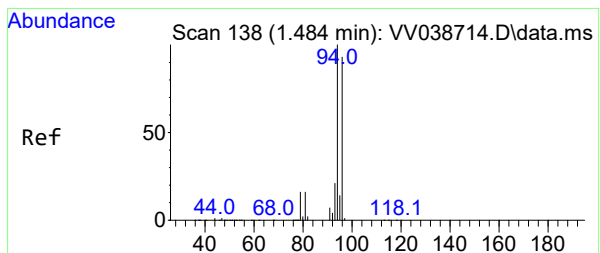
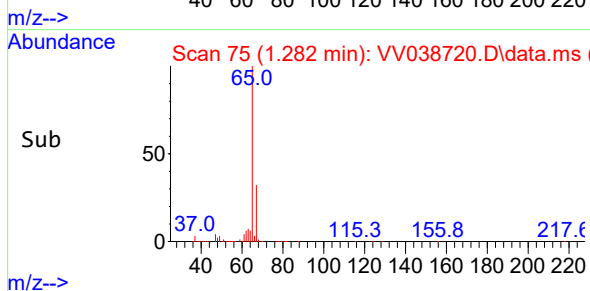
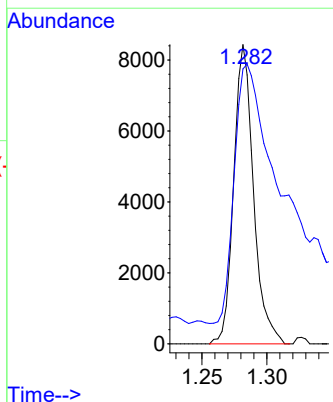
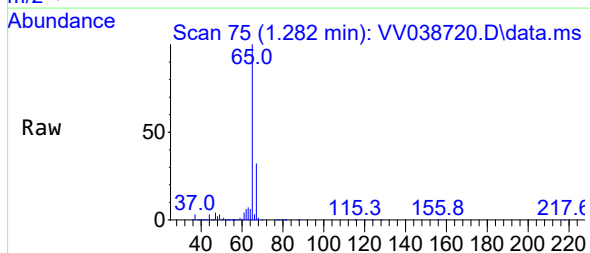


Client Sample ID :
MS2A047A
Instrument :



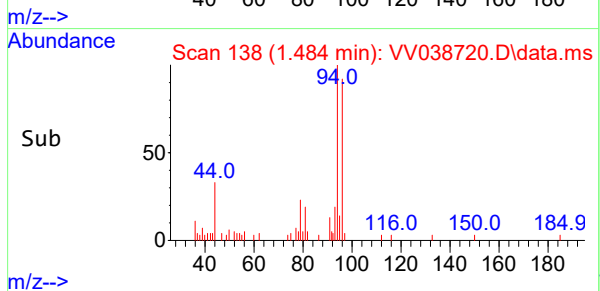
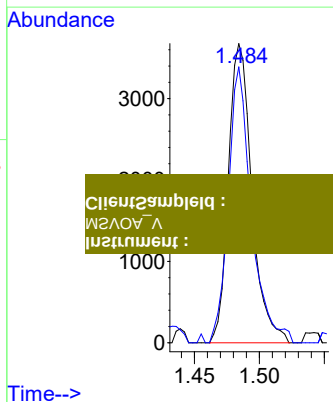
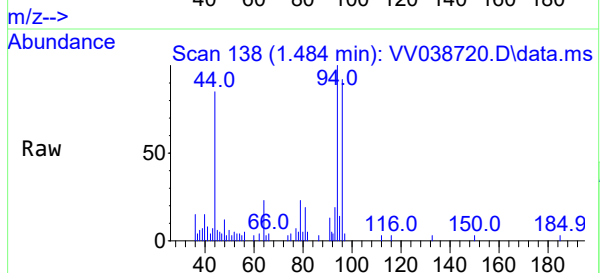
#5
 Vinyl chloride
 Concen: 2.32 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038720.D
 Acq: 17 Mar 2025 17:06

Tgt Ion: 62 Resp: 8941
 Ion Ratio Lower Upper
 62 100
 64 91.9 22.8 42.4#

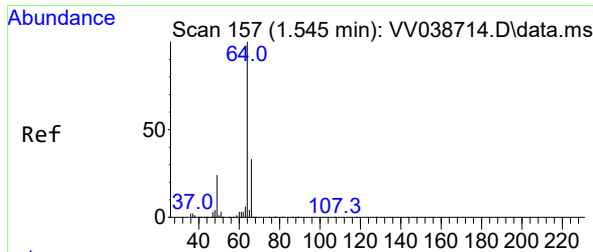


#6
 Bromomethane
 Concen: 2.28 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038720.D
 Acq: 17 Mar 2025 17:06

Tgt Ion: 94 Resp: 4597
 Ion Ratio Lower Upper
 94 100
 96 92.2 66.1 122.8

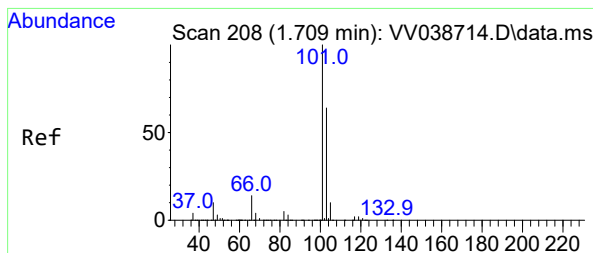
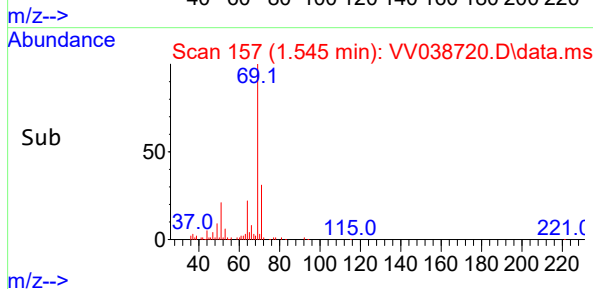
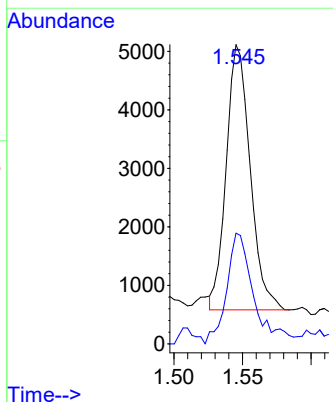
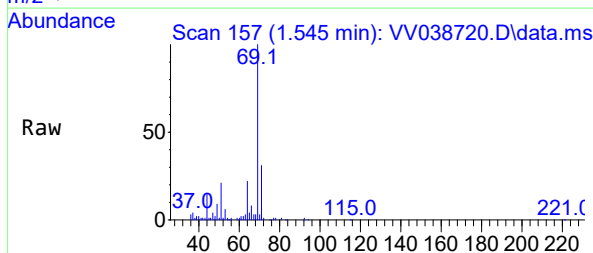


Client Sample ID :
 MS2007-1
 Instrument :



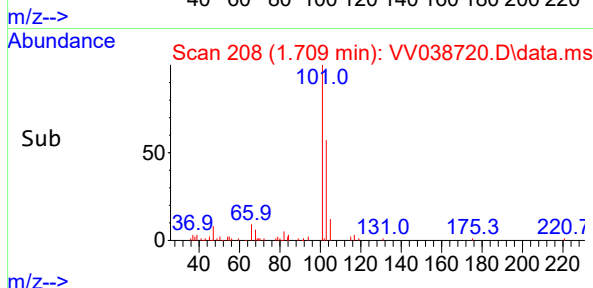
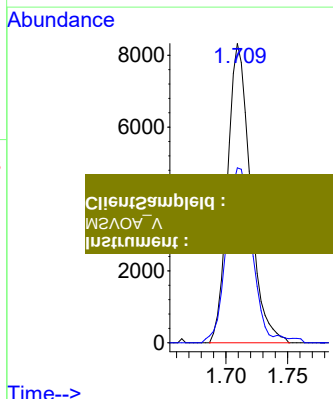
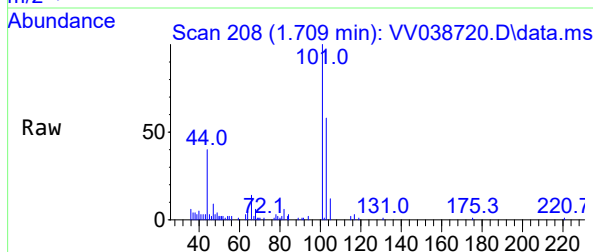
#8
Chloroethane
Concen: 2.25 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 64 Resp: 5506
Ion Ratio Lower Upper
64 100
66 37.0 22.3 41.5

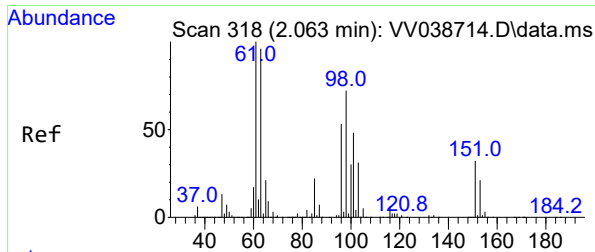


#9
Trichlorofluoromethane
Concen: 2.18 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 101 Resp: 10631
Ion Ratio Lower Upper
101 100
103 65.7 51.7 77.5

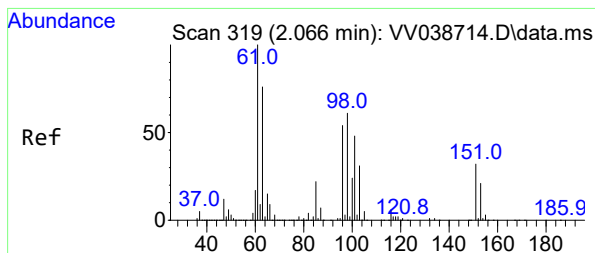
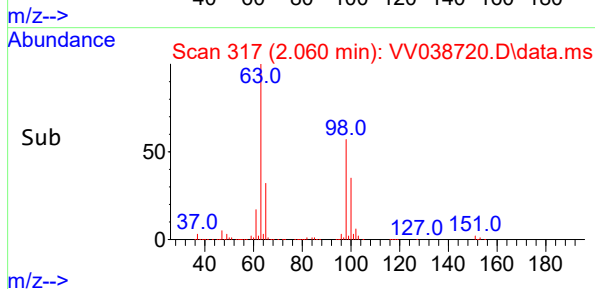
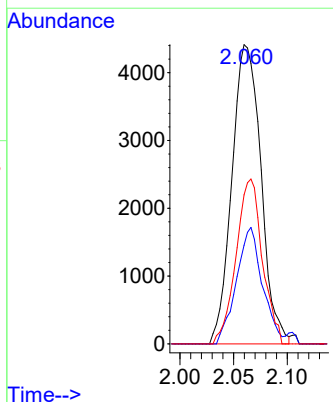
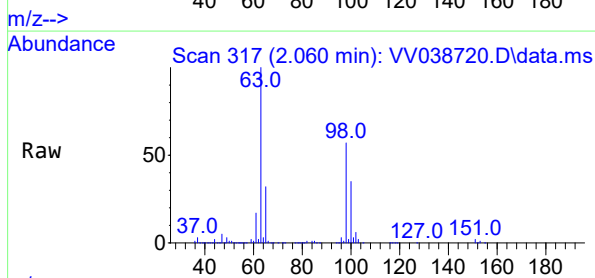


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Instrument :



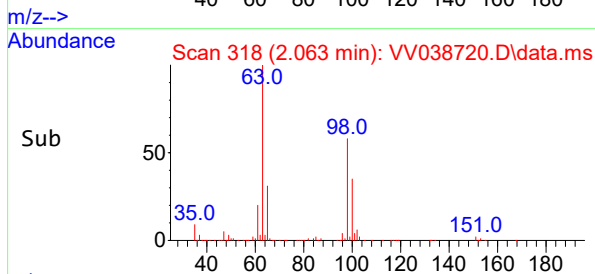
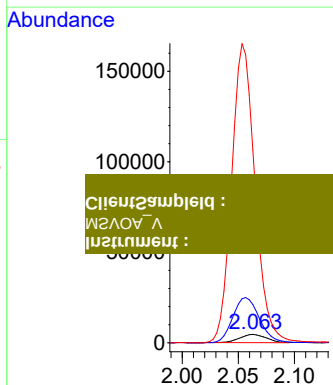
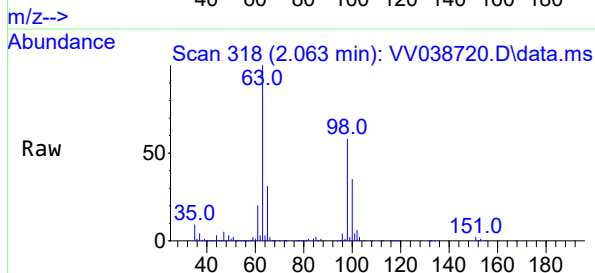
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.84 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 101 Resp: 8313
Ion Ratio Lower Upper
101 100
85 34.9 34.7 52.1
151 49.8 55.3 82.9#

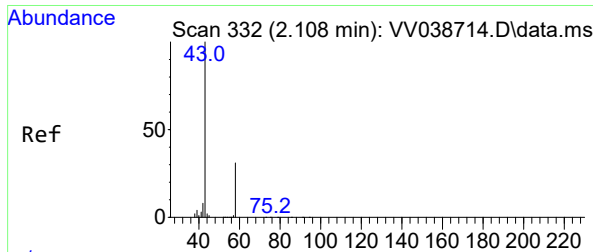


#12
1,1-Dichloroethene
Concen: 2.71 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 96 Resp: 7466
Ion Ratio Lower Upper
96 100
61 454.1 120.9 224.5#
63 2288.8 110.9 205.9#

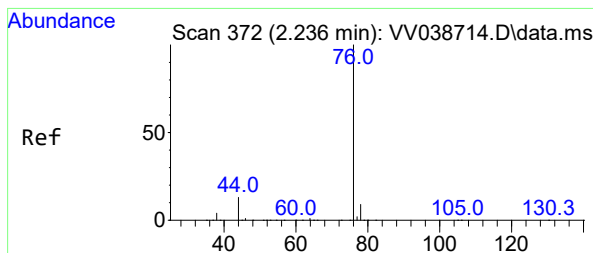
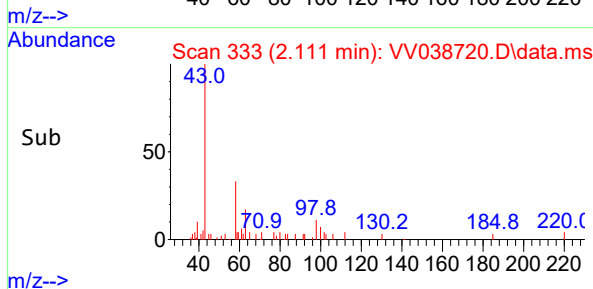
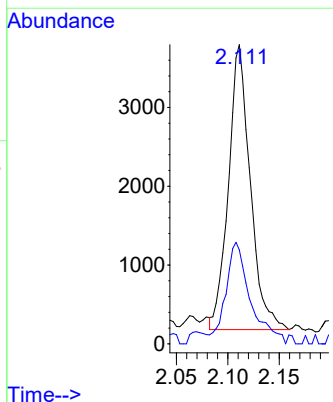
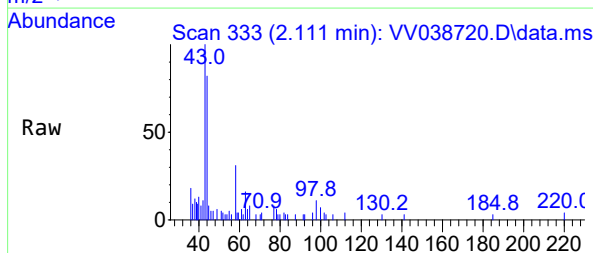


Client Sample ID :
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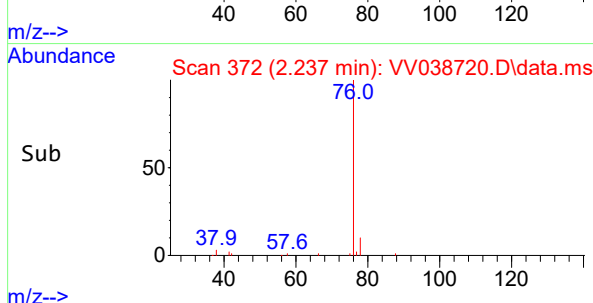
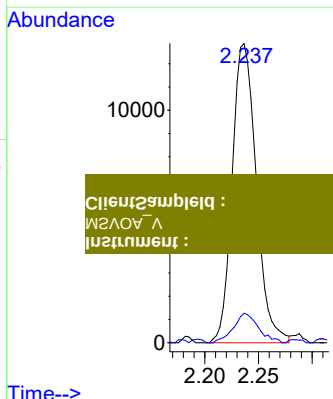
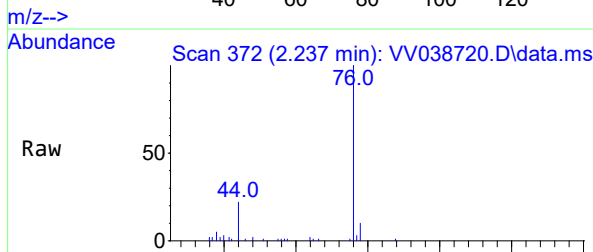
#13
Acetone
Concen: 4.08 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 43 Resp: 5333
Ion Ratio Lower Upper
43 100
58 29.9 0.0 67.2

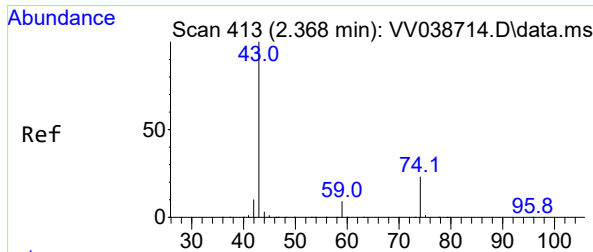


#14
Carbon disulfide
Concen: 2.35 ug/L
RT: 2.237 min Scan# 372
Delta R.T. 0.000 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 76 Resp: 20106
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

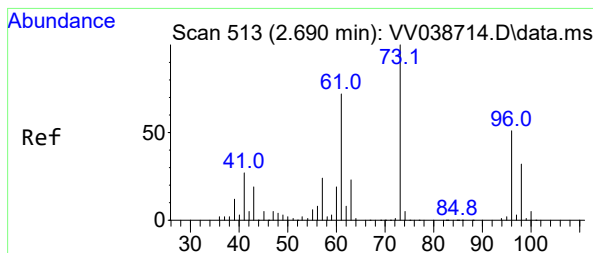
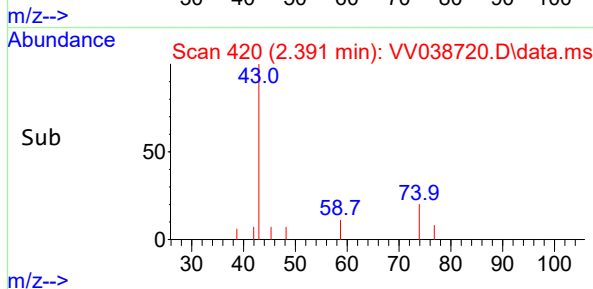
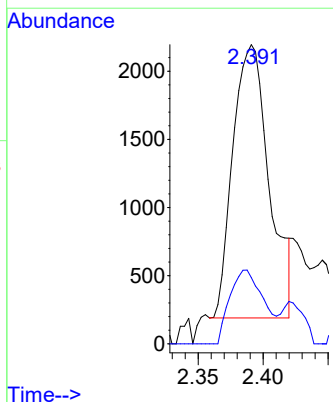
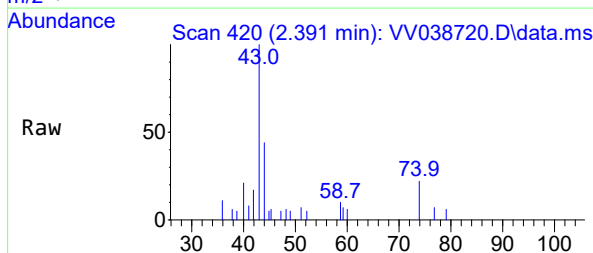


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Instrument :



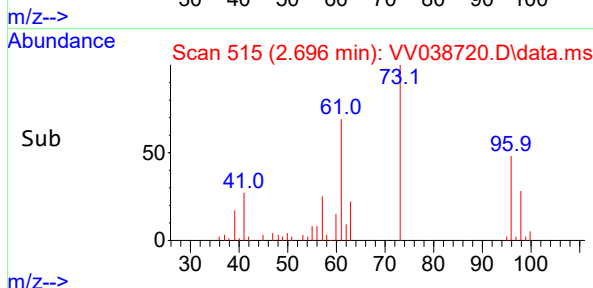
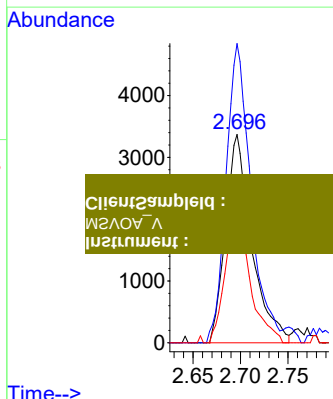
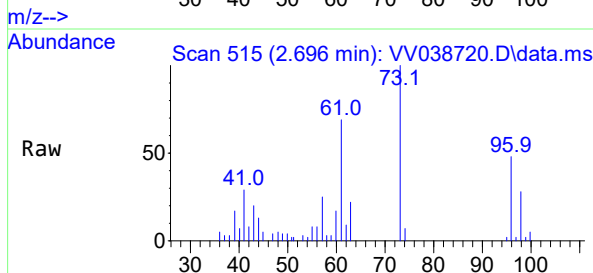
#15
Methyl Acetate
Concen: 1.49 ug/L
RT: 2.391 min Scan# 420
Delta R.T. 0.023 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 43 Resp: 3895
Ion Ratio Lower Upper
43 100
74 25.3 20.6 31.0

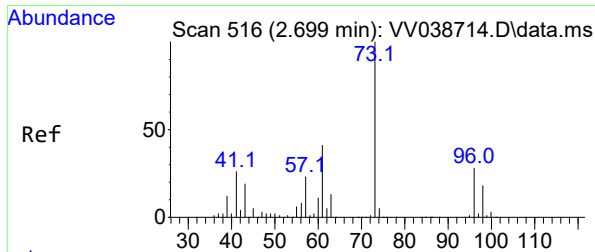


#17
trans-1,2-Dichloroethene
Concen: 2.20 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.007 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 96 Resp: 6371
Ion Ratio Lower Upper
96 100
61 143.6 95.7 177.7
98 58.5 46.4 86.2

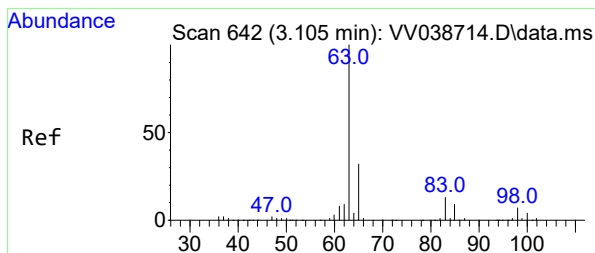
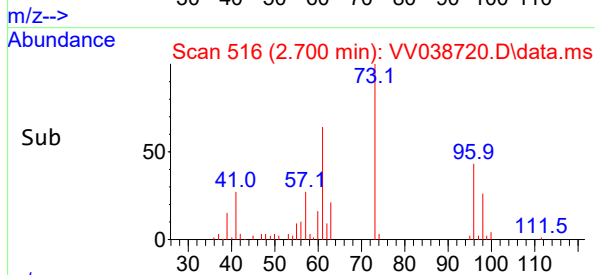
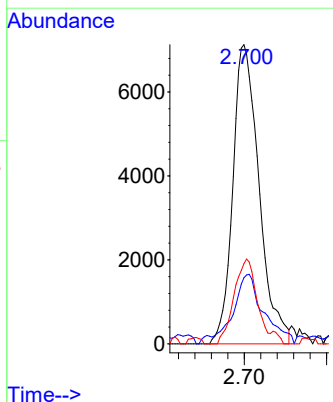
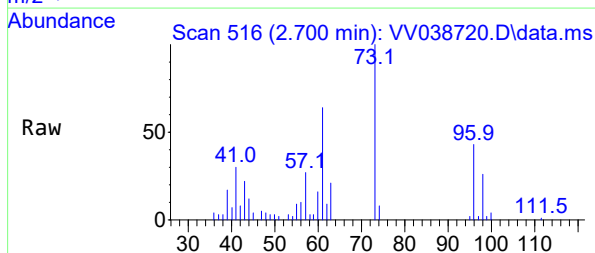


Client Sample ID :
MS2007-1
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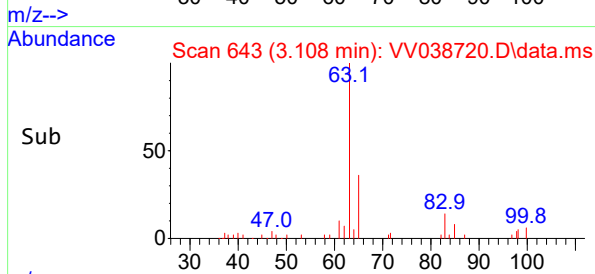
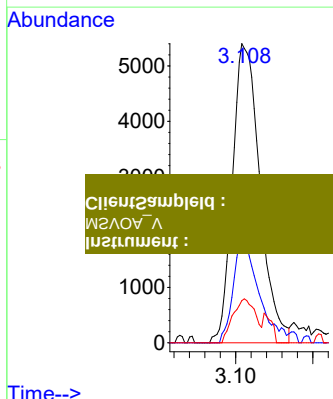
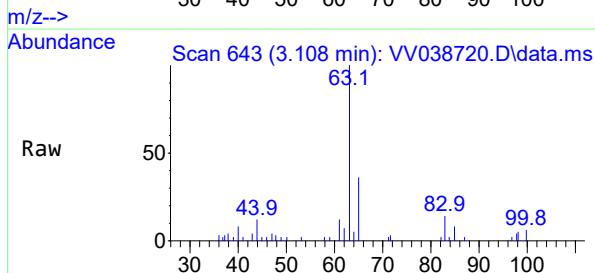
#18
Methyl tert-butyl Ether
Concen: 1.94 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 73 Resp: 15764
Ion Ratio Lower Upper
73 100
43 26.5 14.7 22.1#
57 24.6 17.7 26.5

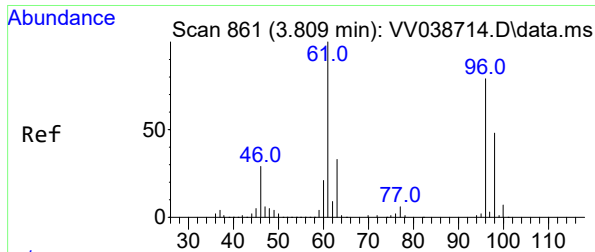


#19
1,1-Dichloroethane
Concen: 2.19 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 63 Resp: 13327
Ion Ratio Lower Upper
63 100
65 36.2 22.6 42.0
83 14.1 9.8 18.2

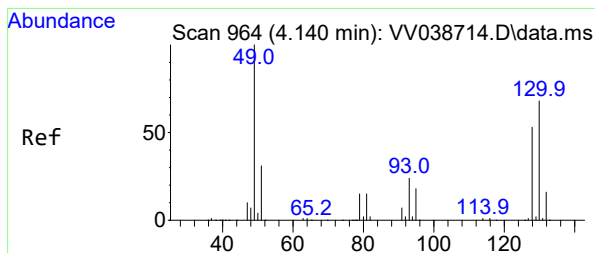
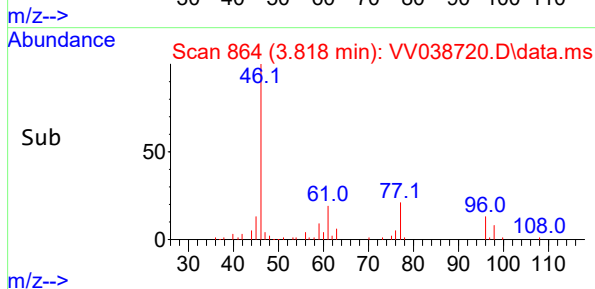
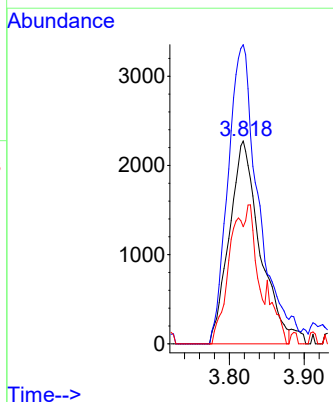
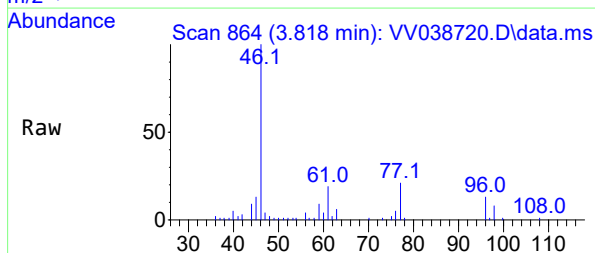


Client Sample ID :
INSTRUMENT :



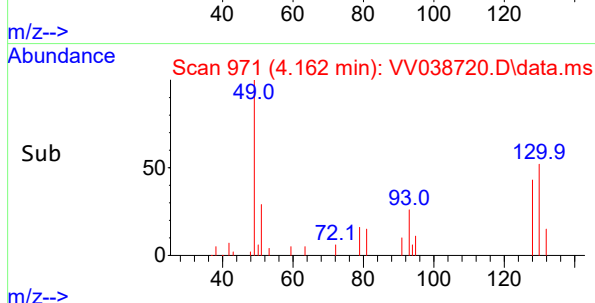
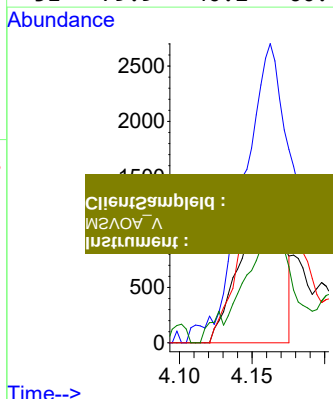
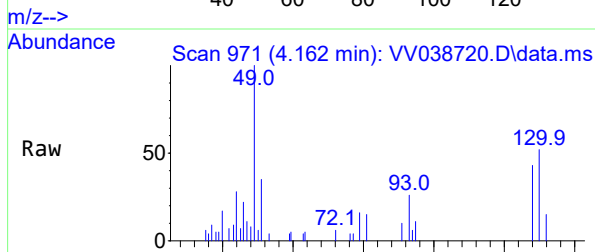
#20
cis-1,2-Dichloroethene
Concen: 2.02 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	96	Resp:	6410
Ion	Ratio	Lower	Upper
96	100		
61	147.4	83.5	155.1
98	57.7	44.6	82.8

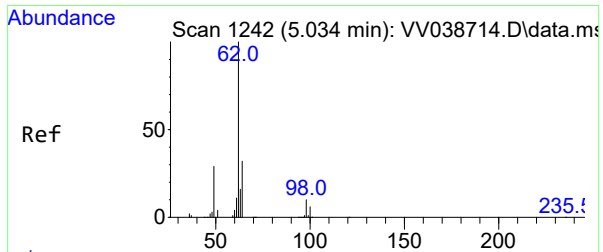


#23
Bromochloromethane
Concen: 1.52 ug/L
RT: 4.162 min Scan# 971
Delta R.T. 0.023 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	128	Resp:	2583
Ion	Ratio	Lower	Upper
128	100		
49	230.0	106.7	198.3#
130	119.1	93.2	173.2
51	79.9	40.2	60.4#

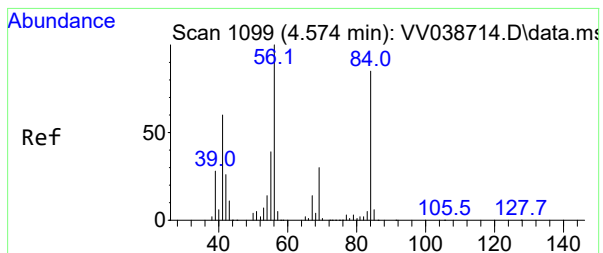
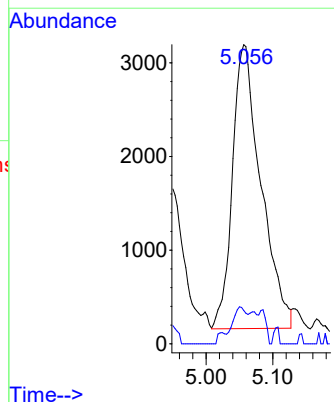
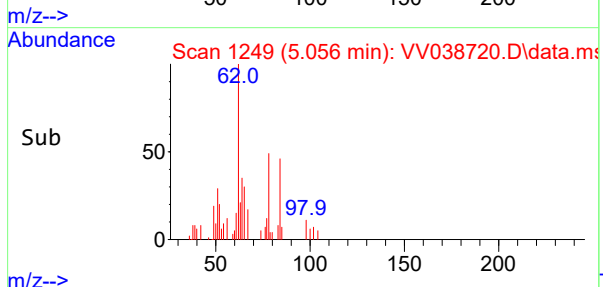
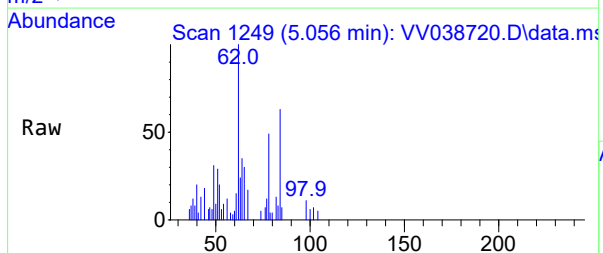


Client Sample ID :
INSTRUMENT :



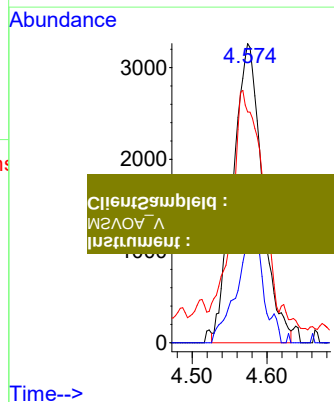
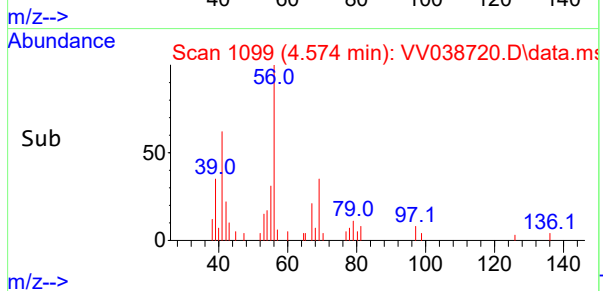
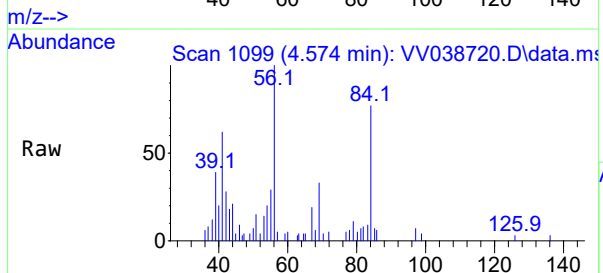
#27
1,2-Dichloroethane
Concen: 2.05 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. 0.023 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 62 Resp: 8975
Ion Ratio Lower Upper
62 100
98 11.1 7.5 11.3

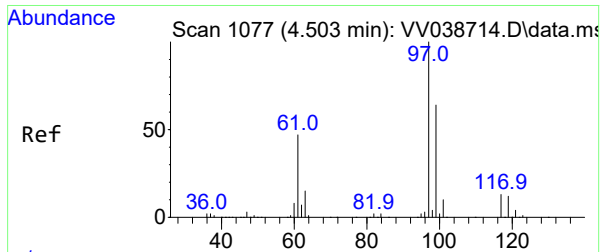


#29
Cyclohexane
Concen: 1.85 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 56 Resp: 8854
Ion Ratio Lower Upper
56 100
69 22.7 24.8 37.2#
84 75.8 73.7 110.5

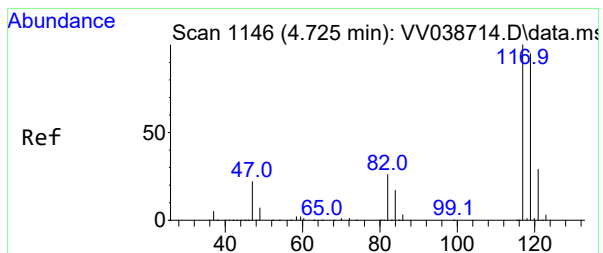
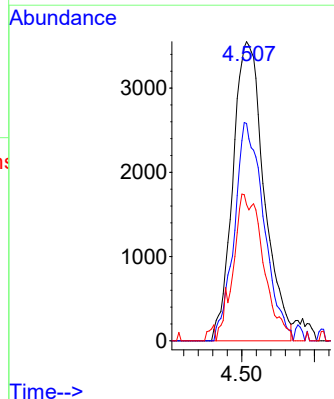
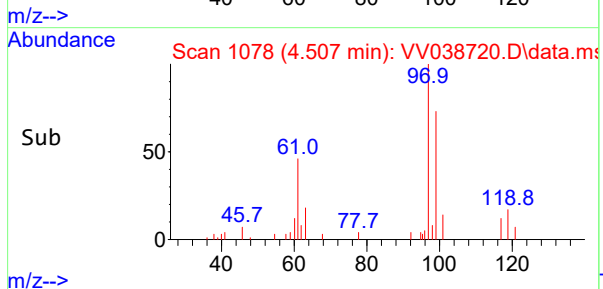
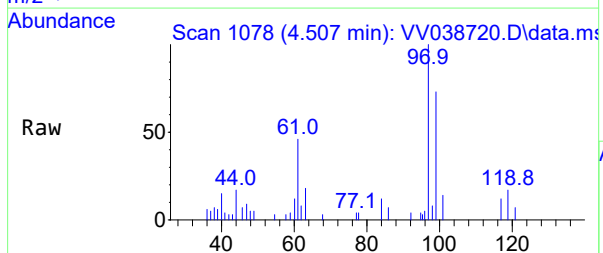


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Instrument :



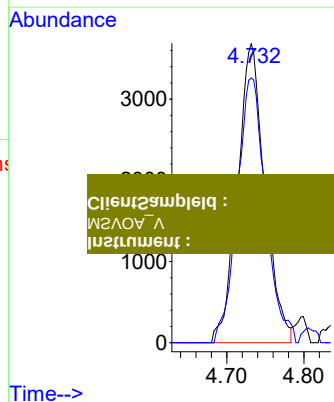
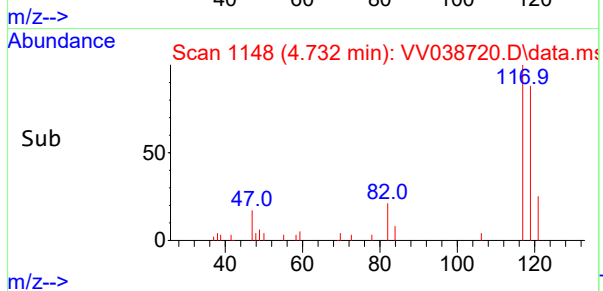
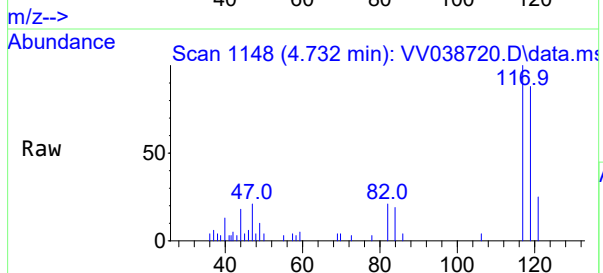
#30
1,1,1-Trichloroethane
Concen: 2.12 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 97 Resp: 10575
Ion Ratio Lower Upper
97 100
99 69.1 52.3 78.5
61 14.2 33.6 50.4#

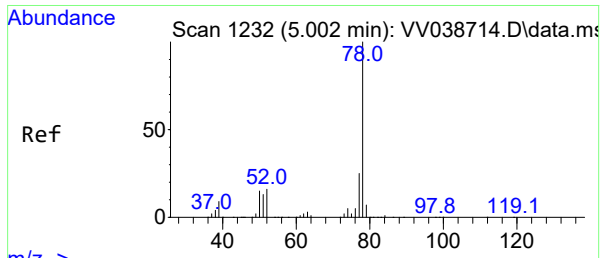


#31
Carbon tetrachloride
Concen: 2.15 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. 0.007 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

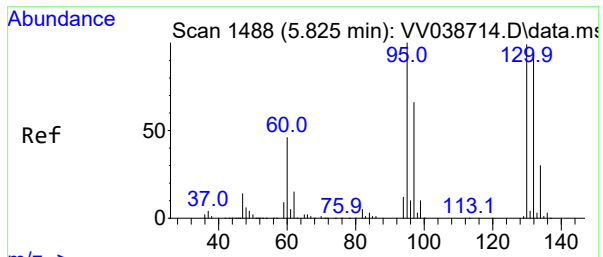
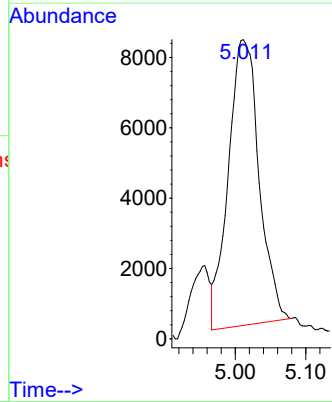
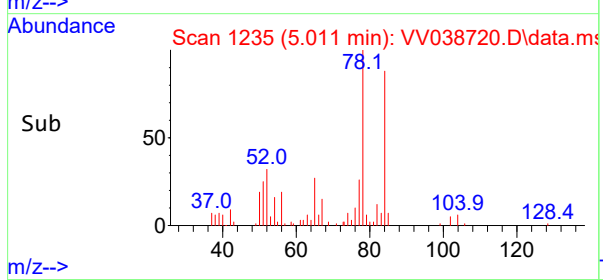
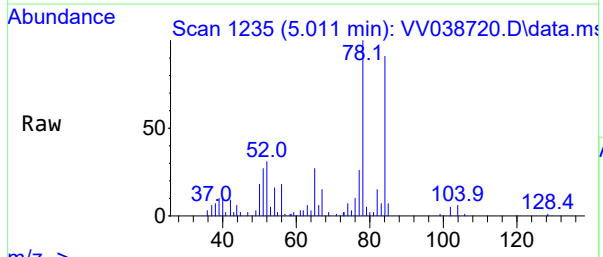
Tgt Ion: 117 Resp: 9216
Ion Ratio Lower Upper
117 100
119 90.8 77.7 116.5



Client Sample ID :
MS2007A
Instrument :

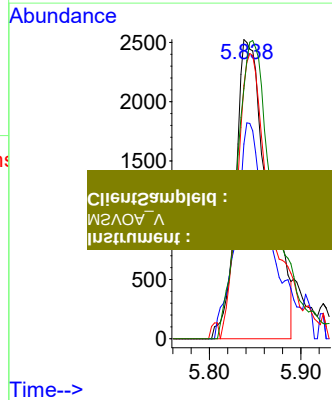
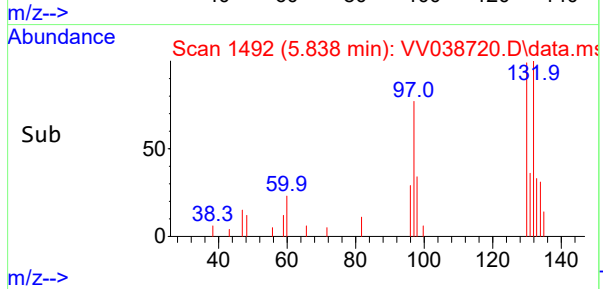
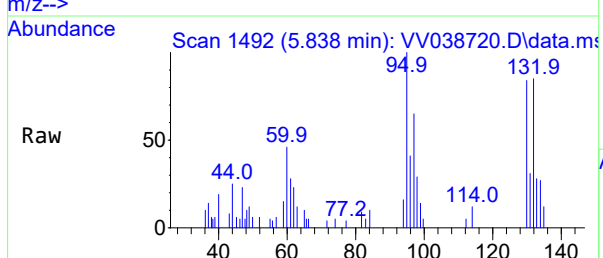


#33
Benzene
Concen: 1.99 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.010 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06
Tgt Ion: 78 Resp: 24640

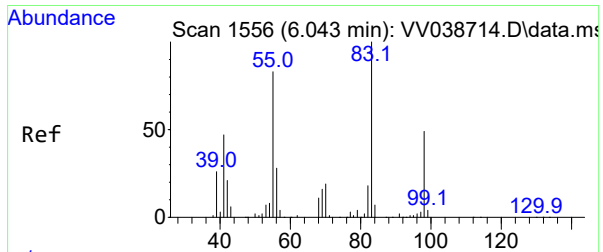


#34
Trichloroethene
Concen: 1.96 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.013 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 95 Resp: 6248
Ion Ratio Lower Upper
95 100
97 65.1 45.6 84.8
132 84.6 67.6 125.6
130 83.6 70.8 131.6

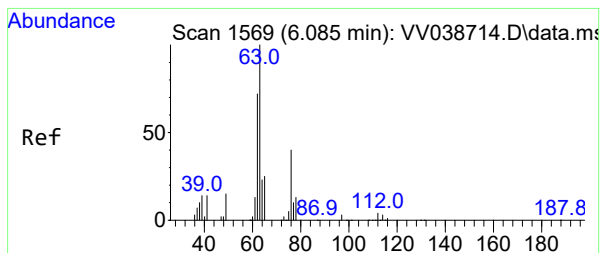
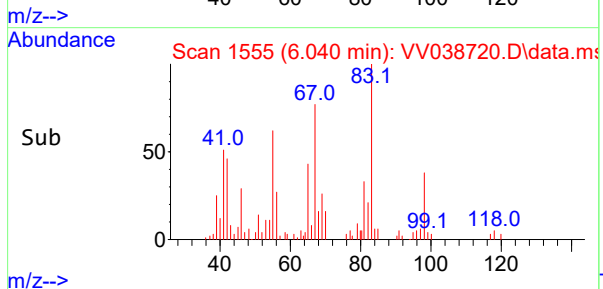
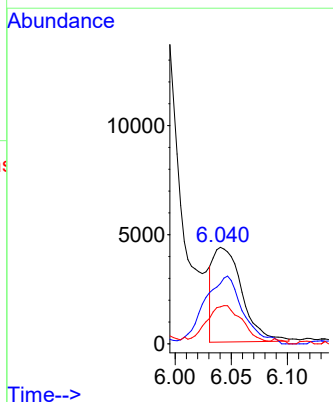
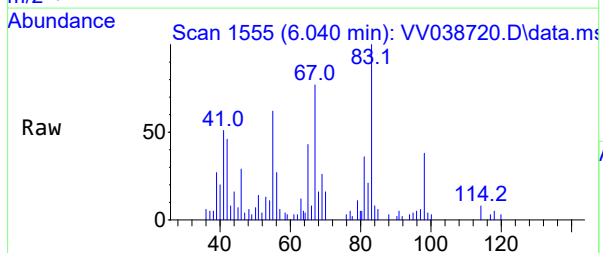


Client Sample ID :
MS20250317
Instrument :



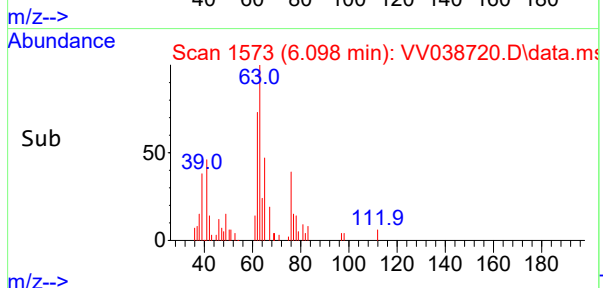
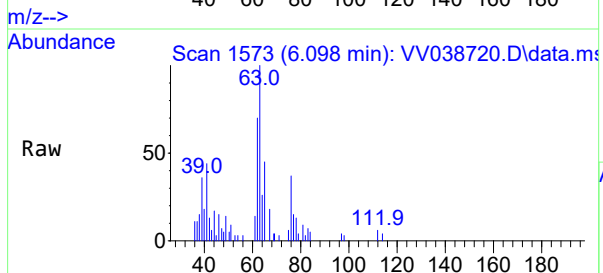
#35
Methylcyclohexane
Concen: 1.66 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.003 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	83	Resp:	7760
Ion	Ratio	Lower	Upper
83	100		
55	86.2	59.0	88.6
98	46.1	39.5	59.3

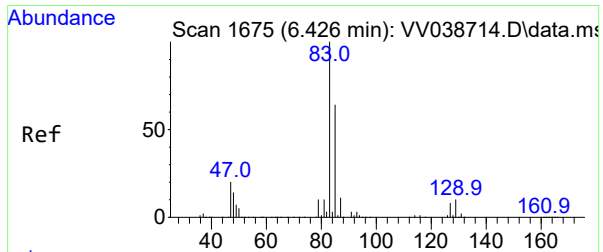


#37
1,2-Dichloropropane
Concen: 1.84 ug/L
RT: 6.098 min Scan# 1573
Delta R.T. 0.013 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	63	Resp:	6365
Ion	Ratio	Lower	Upper
63	100		
112	3.3	3.8	5.6#

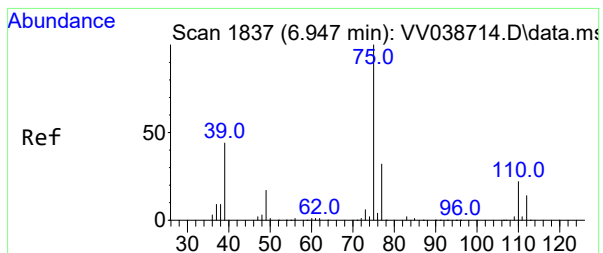
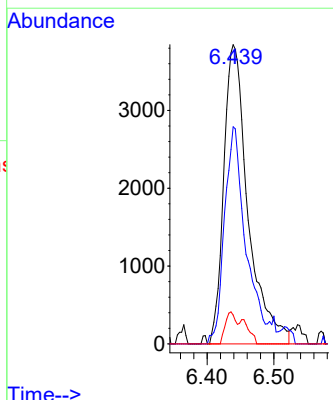
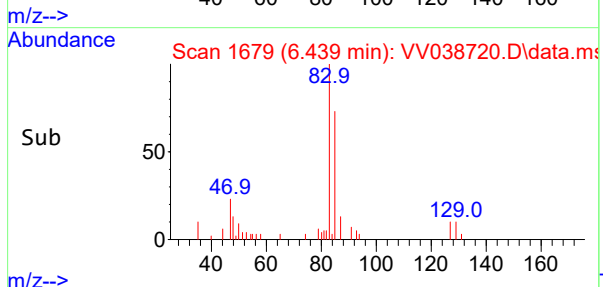
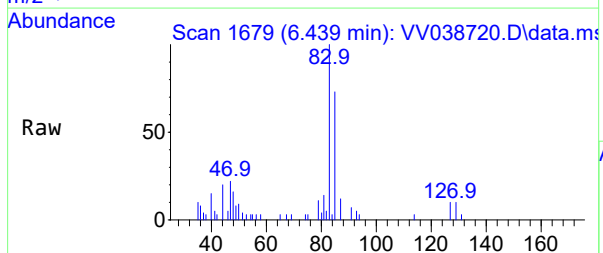


Client Sample ID :
INSTRUMENT :



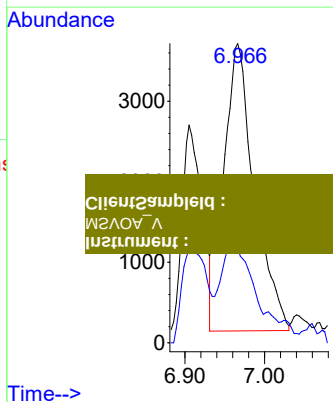
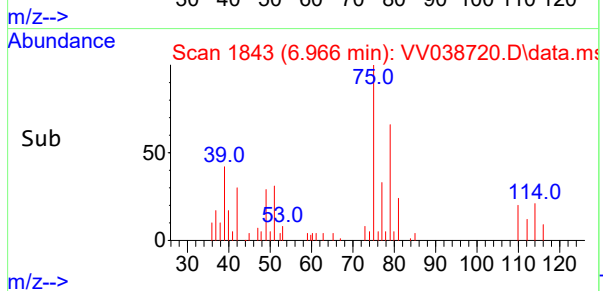
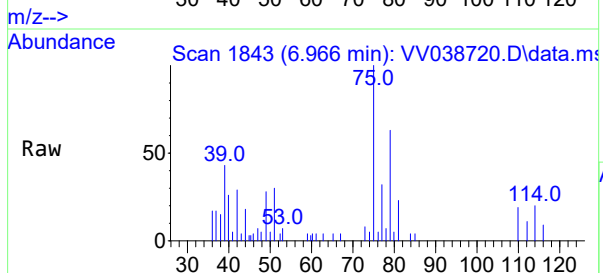
#38
Bromodichloromethane
Concen: 2.13 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.013 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	83	Resp:	9697
Ion	Ratio	Lower	Upper
83	100		
85	72.6	44.9	83.5
127	9.6	6.8	10.2

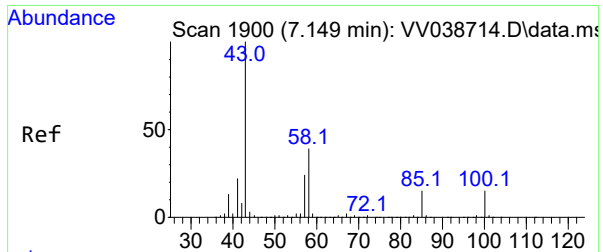


#39
cis-1,3-Dichloropropene
Concen: 1.97 ug/L
RT: 6.966 min Scan# 1843
Delta R.T. 0.019 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	75	Resp:	9712
Ion	Ratio	Lower	Upper
75	100		
77	31.8	21.9	40.7

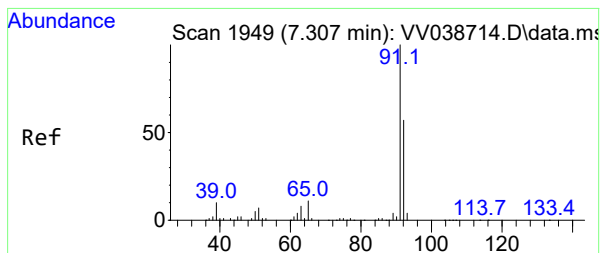
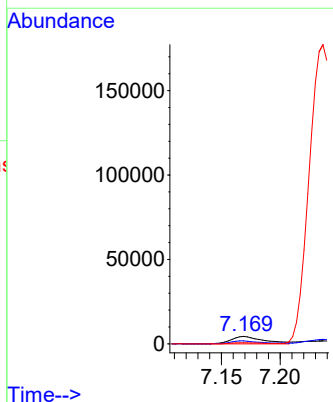
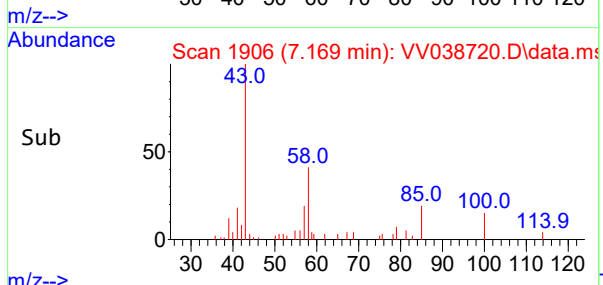
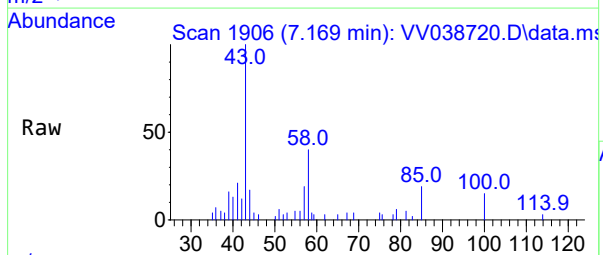


Client Sample ID :
MS2024-1
Instrument :



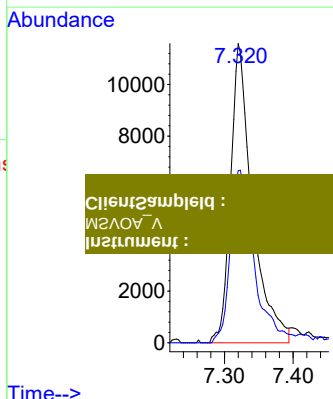
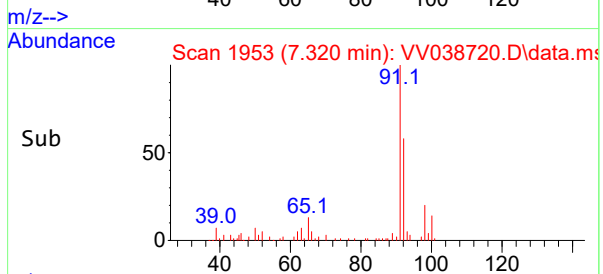
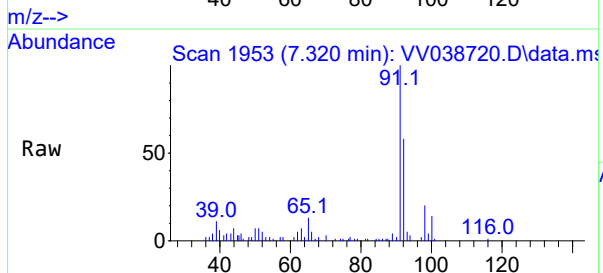
#40
4-Methyl-2-pentanone
Concen: 2.75 ug/L
RT: 7.169 min Scan# 1906
Delta R.T. 0.019 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	43	Resp:	8435
Ion Ratio	Lower	Upper	
43	100		
58	34.9	32.7	49.1
100	13.3	13.7	20.5#

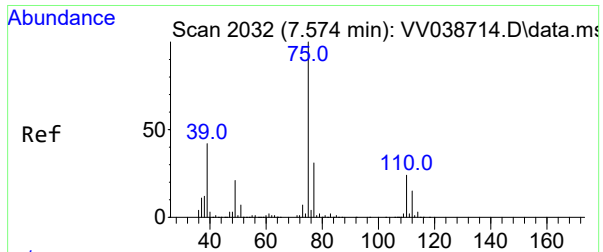


#42
Toluene
Concen: 2.02 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	91	Resp:	25575
Ion Ratio	Lower	Upper	
91	100		
92	57.6	41.2	76.4

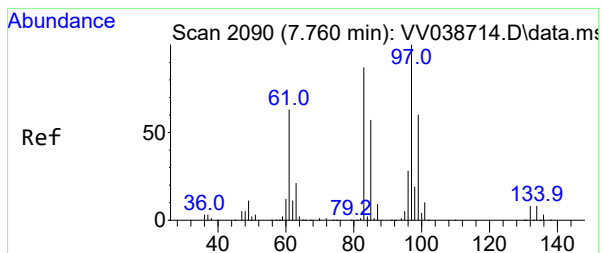
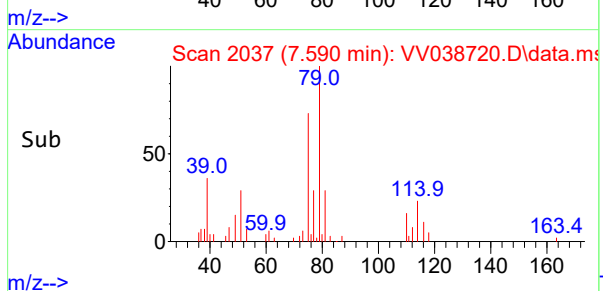
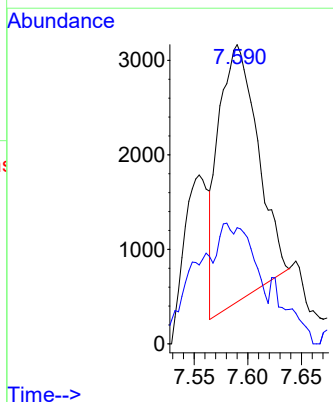
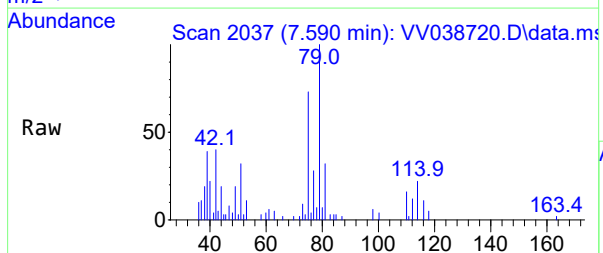


Client Sample ID :
MS/MS
Instrument :



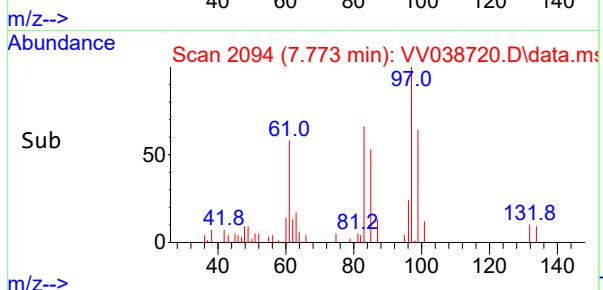
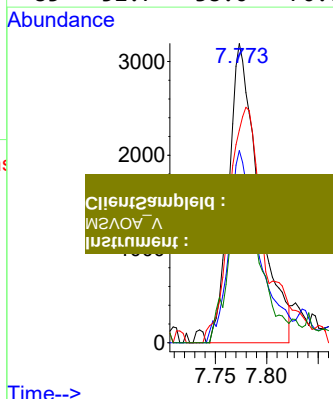
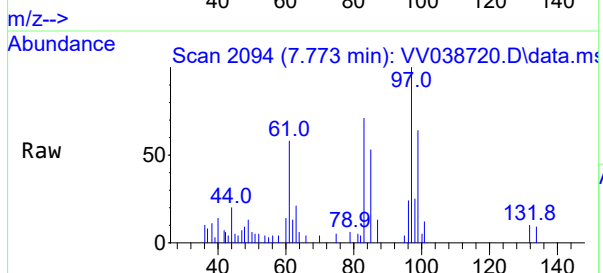
#44
trans-1,3-Dichloropropene
Concen: 1.48 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.016 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 75 Resp: 6911
Ion Ratio Lower Upper
75 100
77 38.8 22.7 42.1

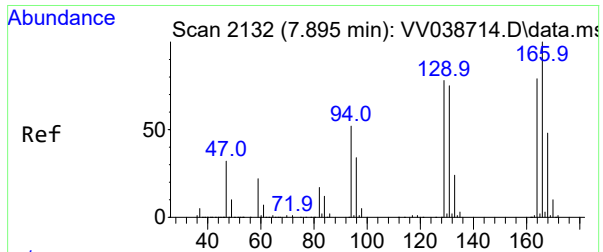


#45
1,1,2-Trichloroethane
Concen: 1.95 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.013 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

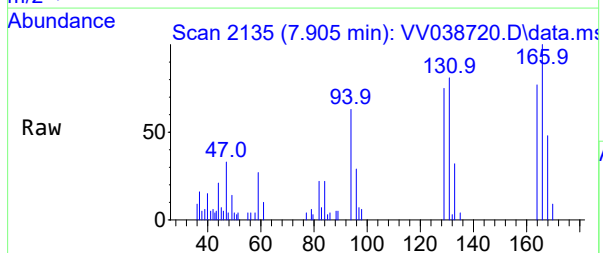
Tgt Ion: 97 Resp: 6359
Ion Ratio Lower Upper
97 100
99 64.2 43.6 81.0
83 71.1 60.5 112.5
85 52.7 38.0 70.6



Client Sample ID :
MS2007-1
Instrument :

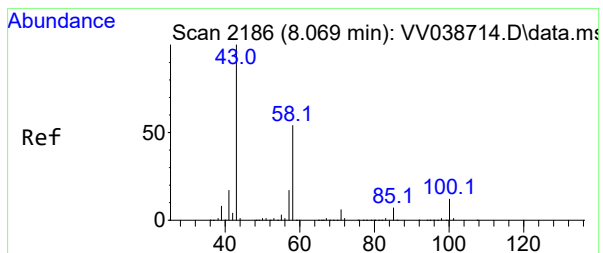
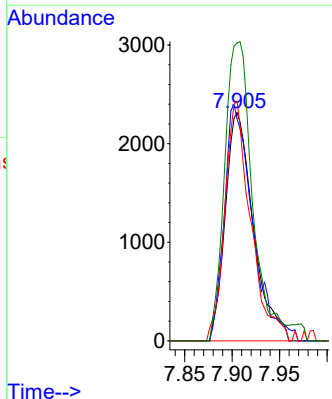
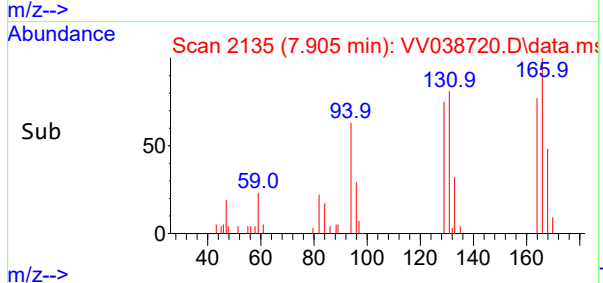


#46
Tetrachloroethene
Concen: 2.10 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

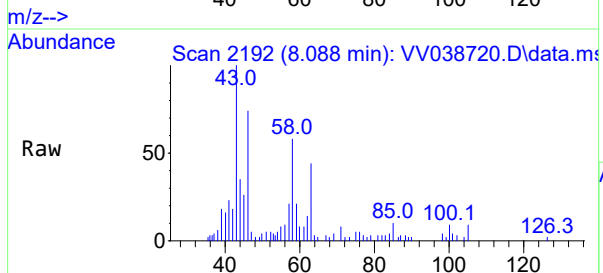


Tgt Ion: 164 Resp: 4756

Ion	Ratio	Lower	Upper
164	100		
129	97.4	69.2	128.4
131	105.1	63.1	117.3
166	130.5	89.7	166.5

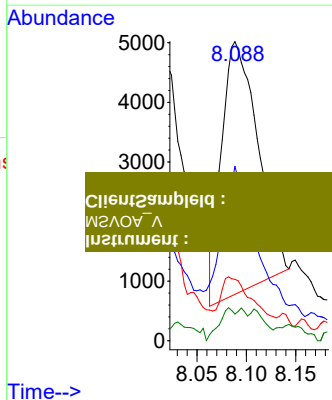
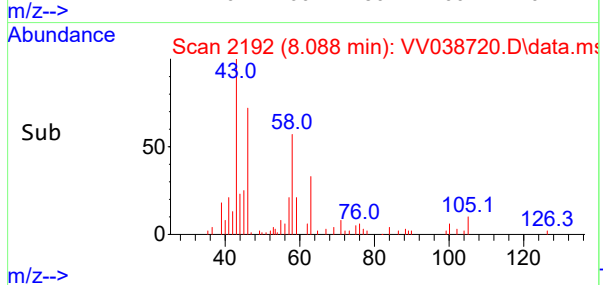


#48
2-Hexanone
Concen: 5.19 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.019 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

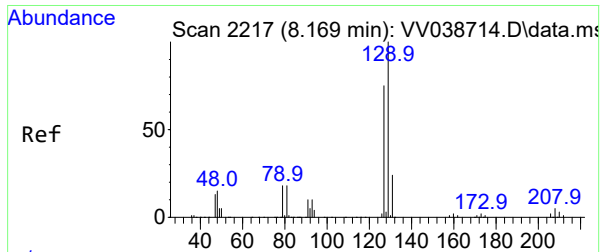


Tgt Ion: 43 Resp: 11024

Ion	Ratio	Lower	Upper
43	100		
58	49.4	48.0	72.0
57	11.9	15.5	23.3#
100	5.5	11.0	16.4#

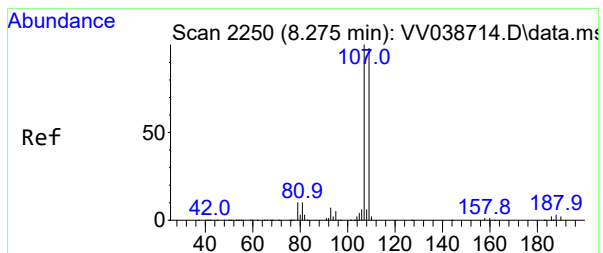
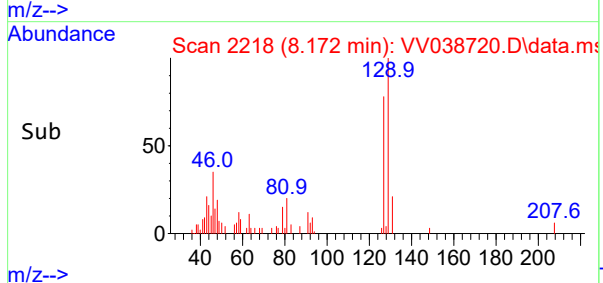
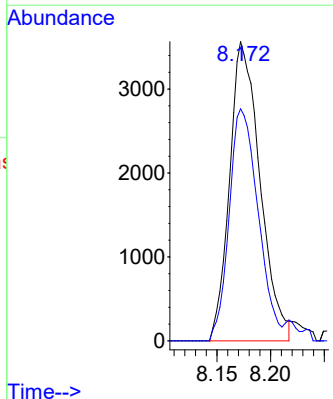
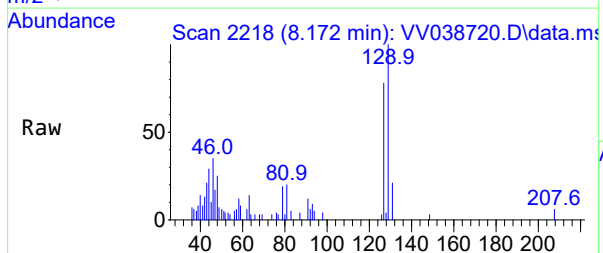


Client Sample ID :
MS2007-1
Instrument :



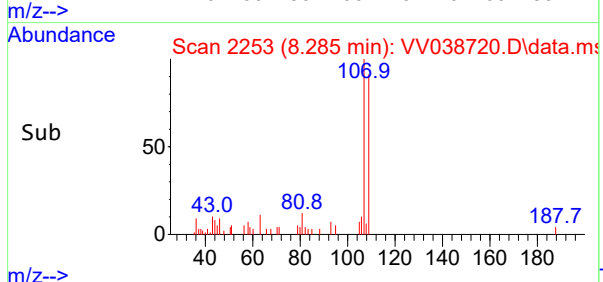
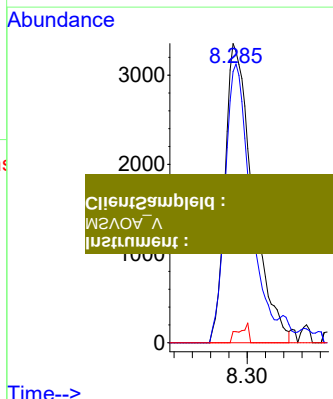
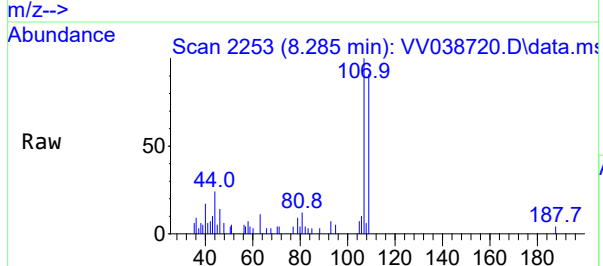
#49
Dibromochloromethane
Concen: 2.16 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:129 Resp: 7020
Ion Ratio Lower Upper
129 100
127 77.6 53.8 100.0

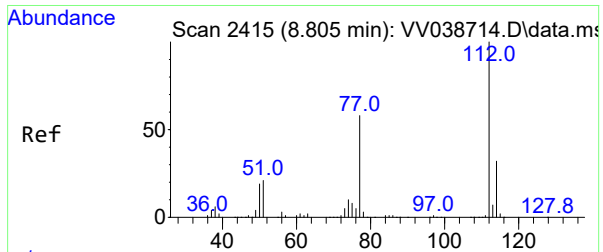


#50
1,2-Dibromoethane
Concen: 2.22 ug/L
RT: 8.285 min Scan# 2253
Delta R.T. 0.010 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:107 Resp: 7027
Ion Ratio Lower Upper
107 100
109 90.7 66.1 122.7
188 3.8 2.6 3.8

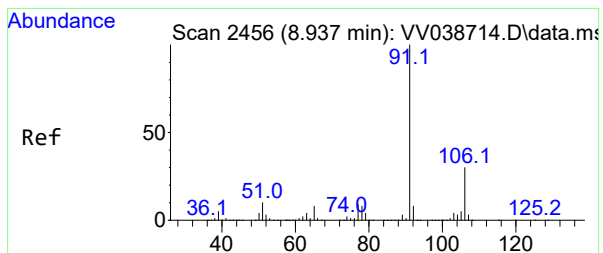
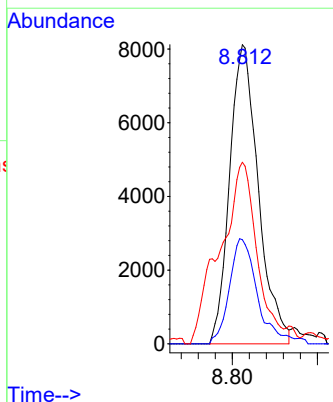
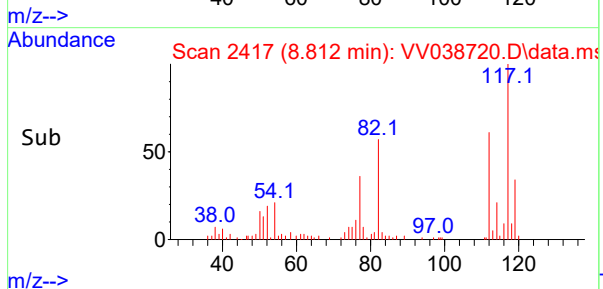
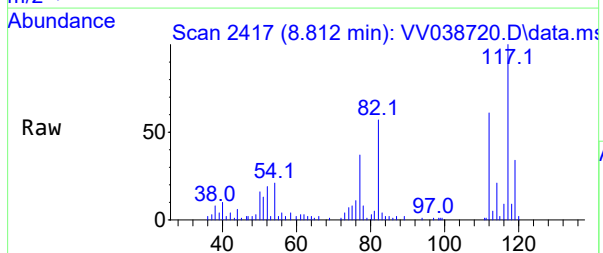


Client Sample ID :
INSTRUMENT :



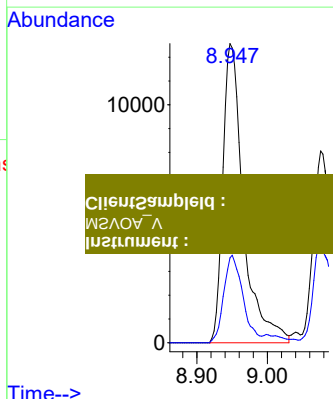
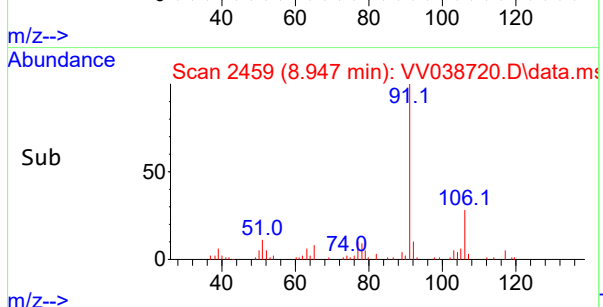
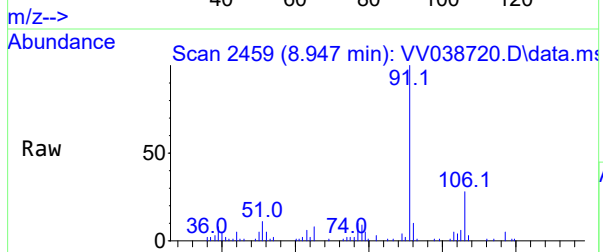
#51
Chlorobenzene
Concen: 2.20 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.007 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 112 Resp: 18997
Ion Ratio Lower Upper
112 100
114 34.8 21.9 40.7
77 60.7 45.4 68.0

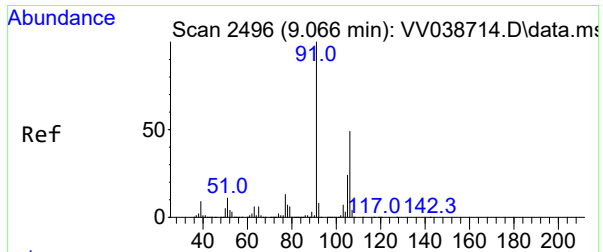


#52
Ethylbenzene
Concen: 1.81 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 91 Resp: 25331
Ion Ratio Lower Upper
91 100
106 28.4 21.6 40.0

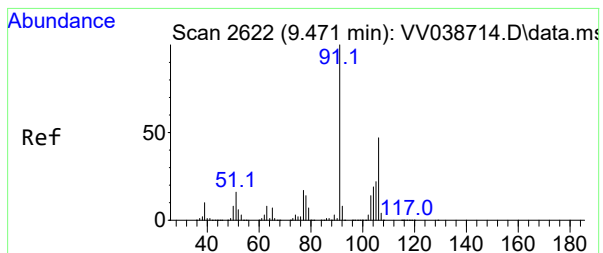
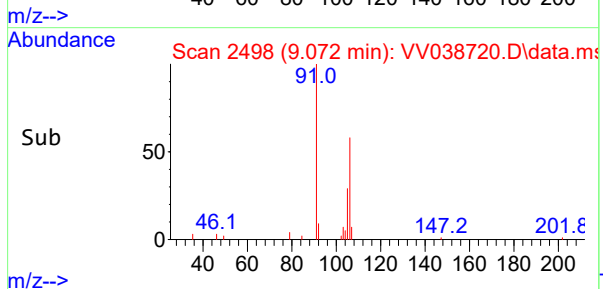
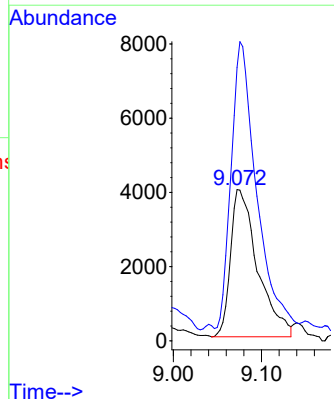
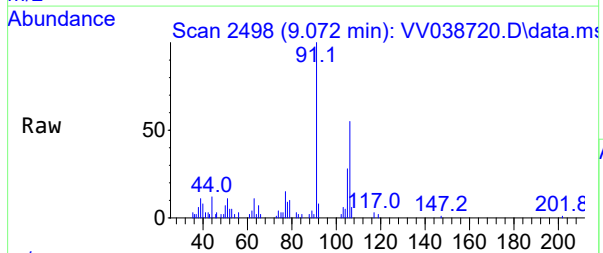


Client Sample ID :
MS20250317
Instrument :



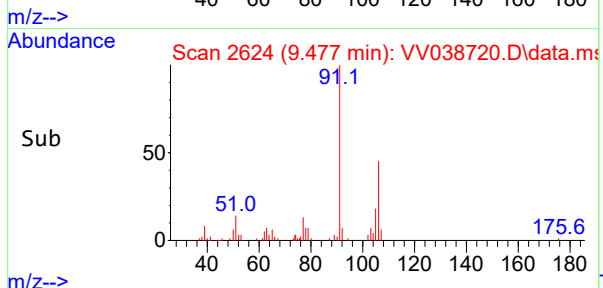
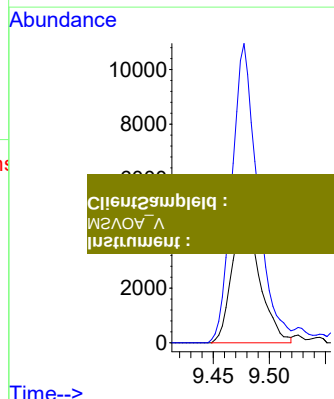
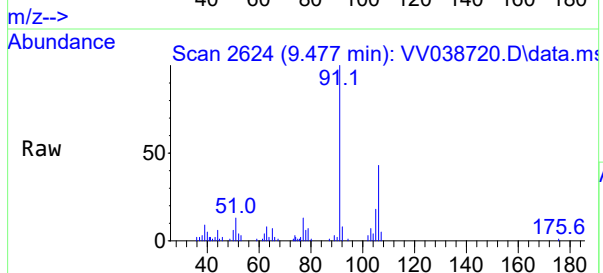
#53
m,p-Xylene
Concen: 1.68 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.007 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:106 Resp: 8491
Ion Ratio Lower Upper
106 100
91 180.8 142.6 264.8

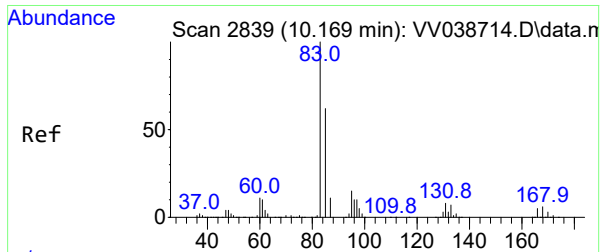


#54
o-Xylene
Concen: 1.64 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.007 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:106 Resp: 8065
Ion Ratio Lower Upper
106 100
91 231.4 151.1 280.7

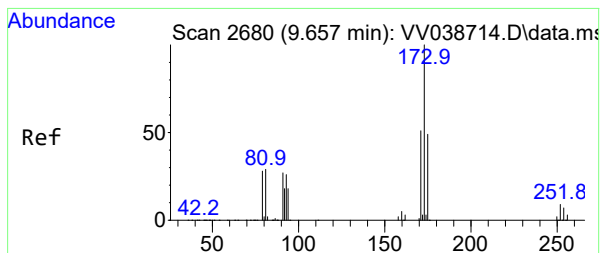
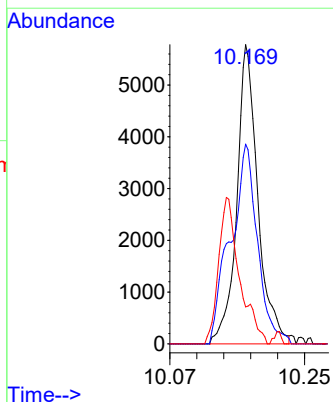
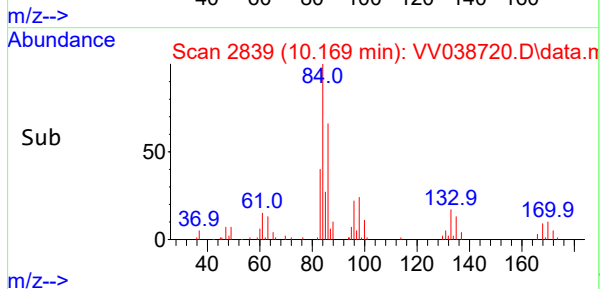
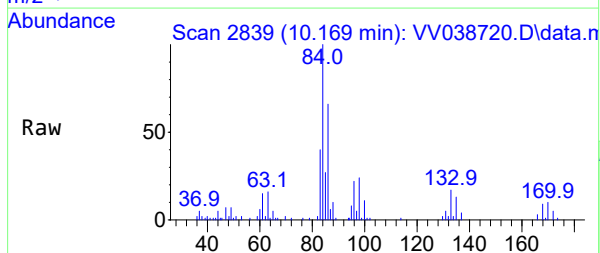


Client Sample ID :
MS2A07A
Instrument :



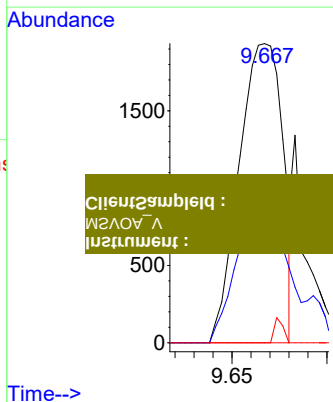
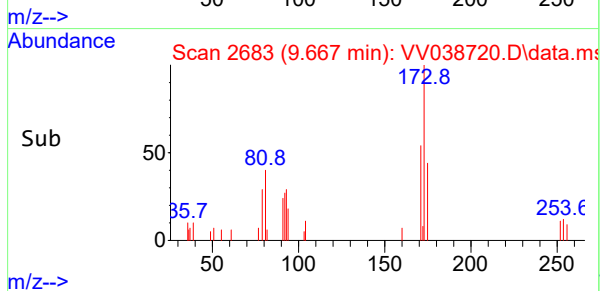
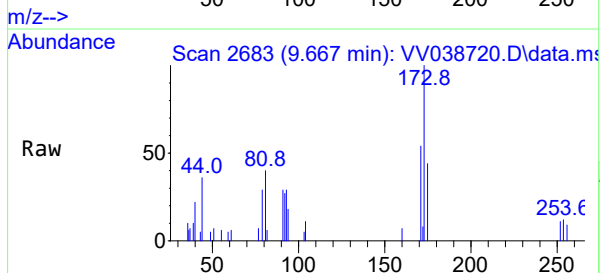
#57
1,1,2,2-Tetrachloroethane
Concen: 2.32 ug/L
RT: 10.169 min Scan# 2839
Delta R.T. 0.000 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 83 Resp: 11260
Ion Ratio Lower Upper
83 100
85 66.8 44.7 82.9
131 12.4 8.0 12.0#

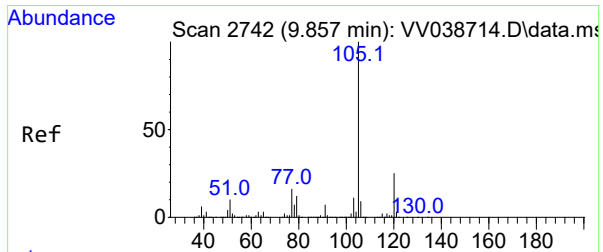


#59
Bromoform
Concen: 2.02 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.010 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 173 Resp: 3105
Ion Ratio Lower Upper
173 100
175 52.3 38.8 58.2
254 0.0 6.9 10.3#

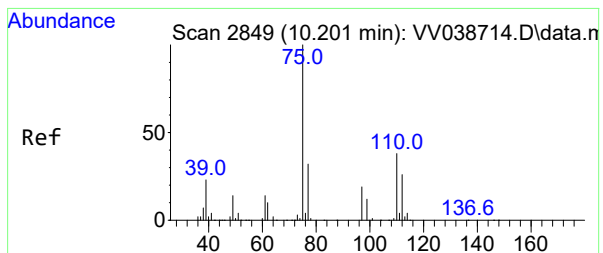
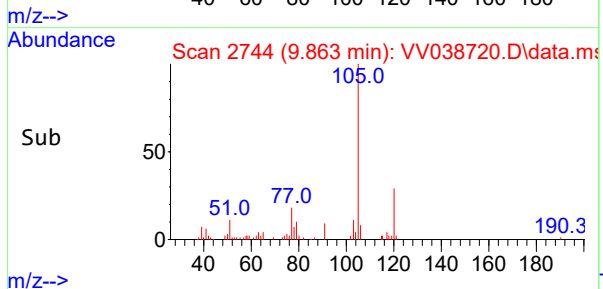
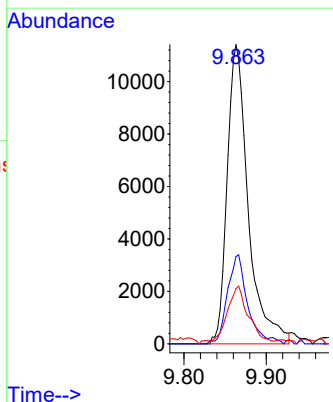
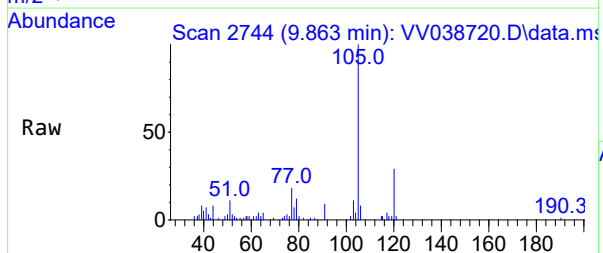


Client Sample ID :
MS2007-1
Instrument :



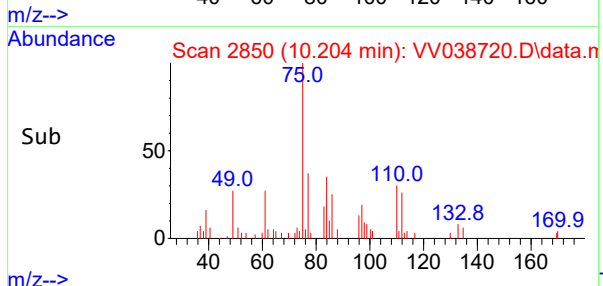
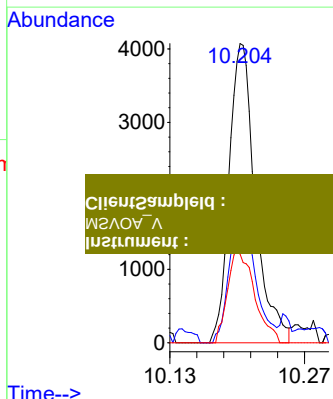
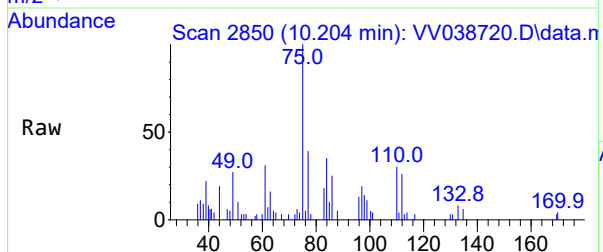
#60
Isopropylbenzene
Concen: 1.94 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.007 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	105	Resp:	20287
Ion Ratio	Lower	Upper	
105	100		
120	27.4	21.0	31.4
77	18.9	12.2	18.4#

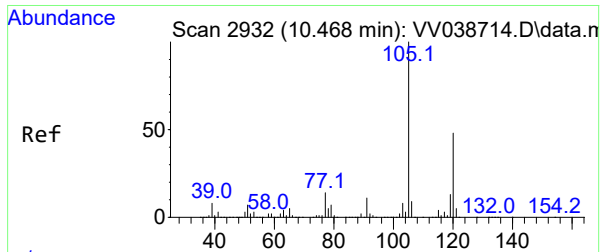


#61
1,2,3-Trichloropropane
Concen: 2.79 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	75	Resp:	7717
Ion Ratio	Lower	Upper	
75	100		
77	42.4	25.8	38.6#
110	32.1	32.2	48.4#

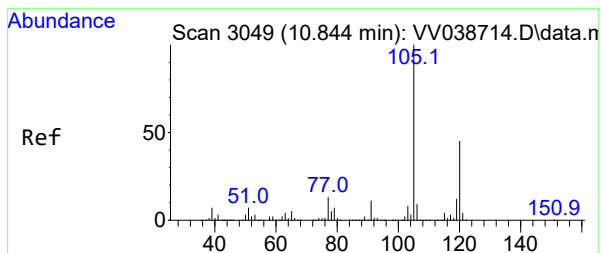
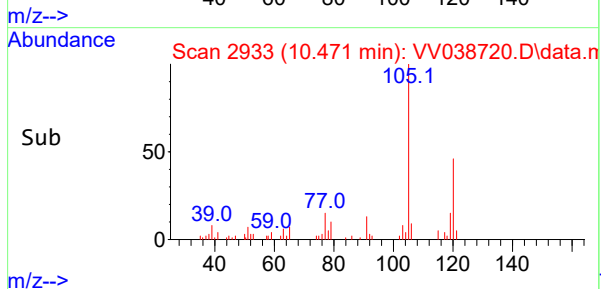
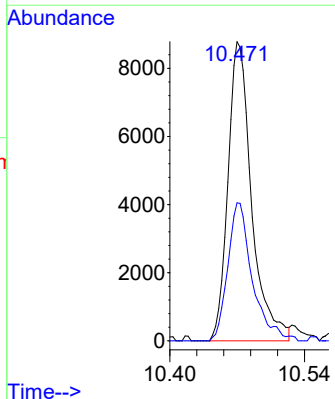
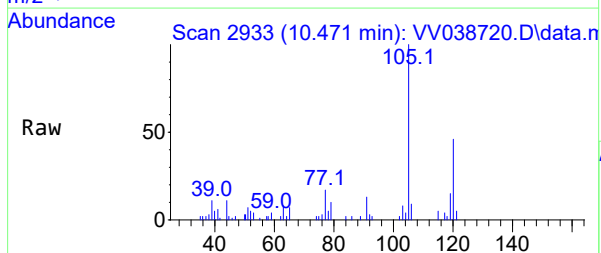


Client Sample ID :
MS/MS
Instrument :



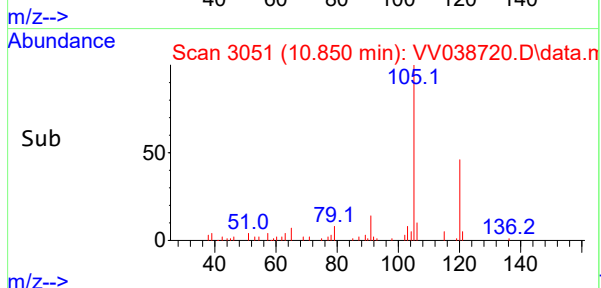
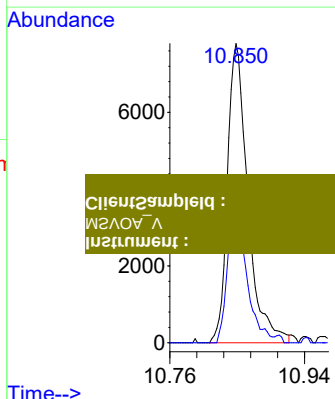
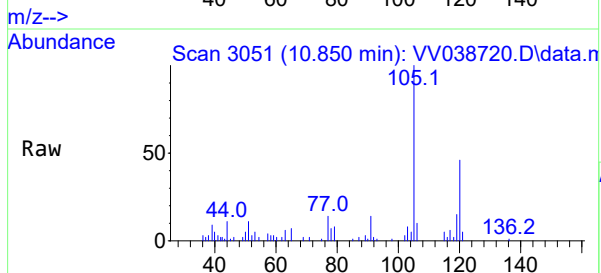
#62
1,3,5-Trimethylbenzene
Concen: 1.88 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.003 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:105 Resp: 15167
Ion Ratio Lower Upper
105 100
120 45.6 39.1 58.7

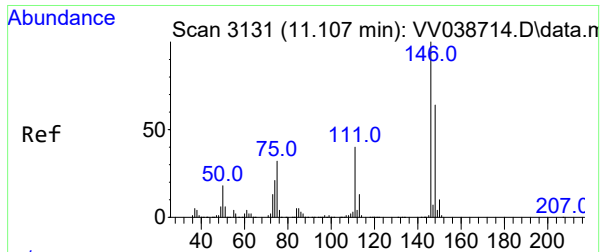


#63
1,2,4-Trimethylbenzene
Concen: 1.80 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.007 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:105 Resp: 14738
Ion Ratio Lower Upper
105 100
120 42.1 36.6 55.0

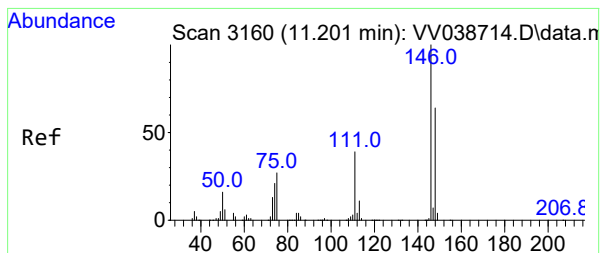
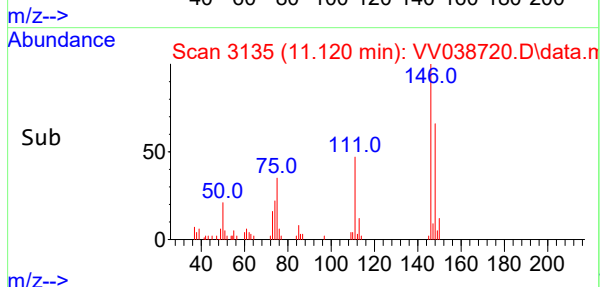
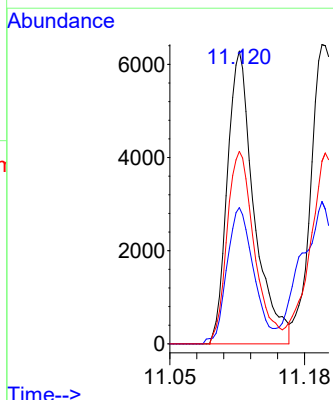
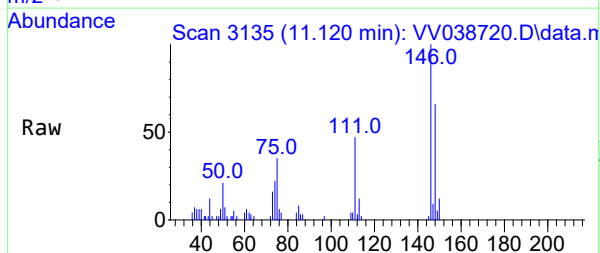


Client Sample ID :
INSTRUMENT :



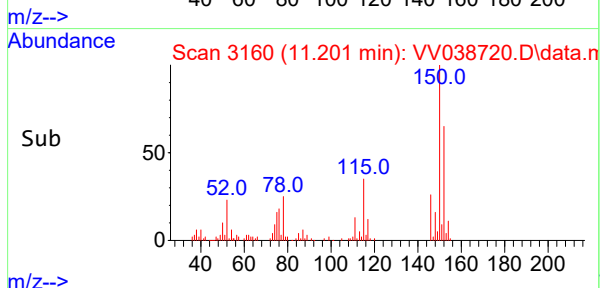
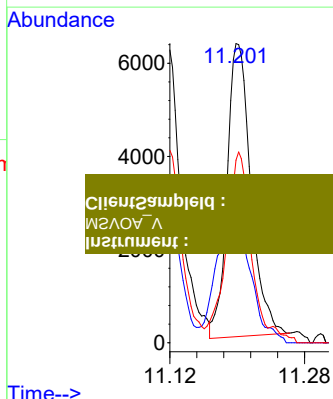
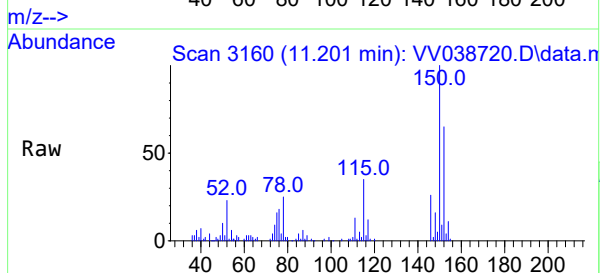
#64
1,3-Dichlorobenzene
Concen: 2.24 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.013 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	146	Resp:	11310
Ion	Ratio	Lower	Upper
146	100		
111	46.5	27.8	51.6
148	65.7	45.1	83.7

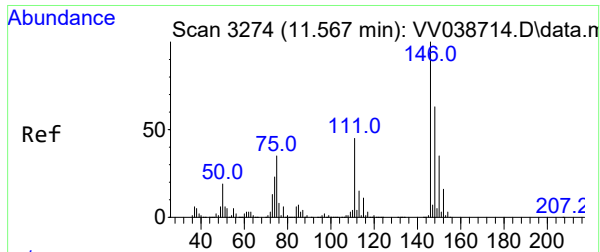


#65
1,4-Dichlorobenzene
Concen: 2.31 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. 0.000 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	146	Resp:	12523
Ion	Ratio	Lower	Upper
146	100		
111	47.6	27.6	51.4
148	61.0	44.9	83.3

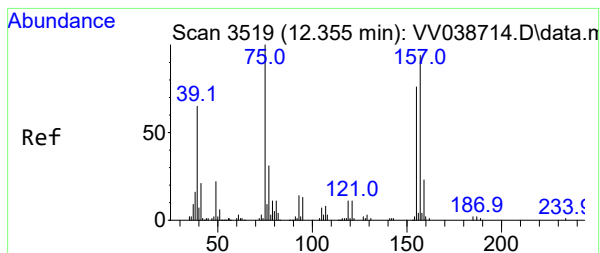
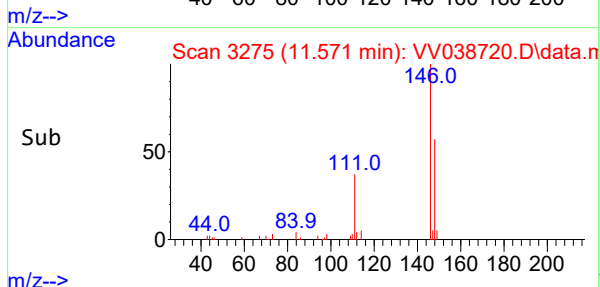
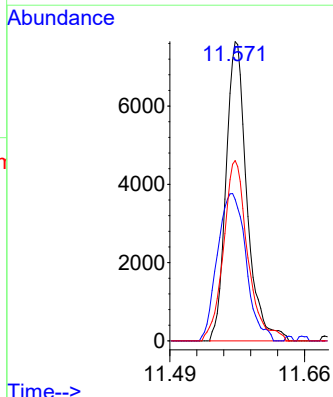
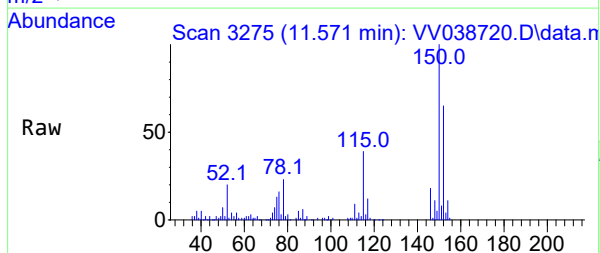


Client Sample ID :
MS20250317
Instrument :



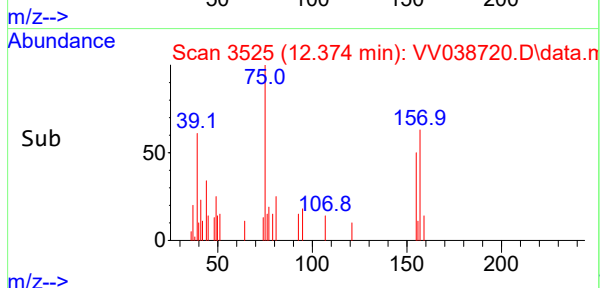
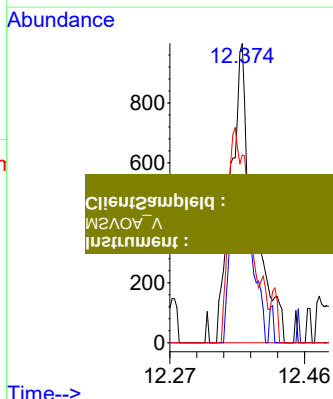
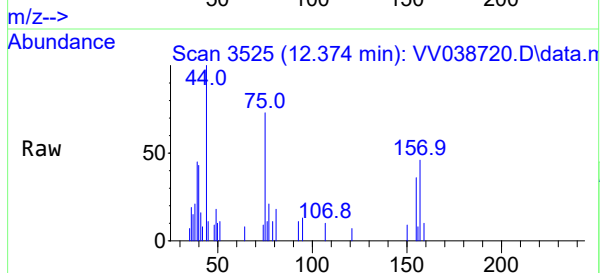
#67
1,2-Dichlorobenzene
Concen: 2.71 ug/L
RT: 11.571 min Scan# 3275
Delta R.T. 0.003 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 146 Resp: 13903
Ion Ratio Lower Upper
146 100
111 47.3 34.2 51.2
148 60.3 50.5 75.7

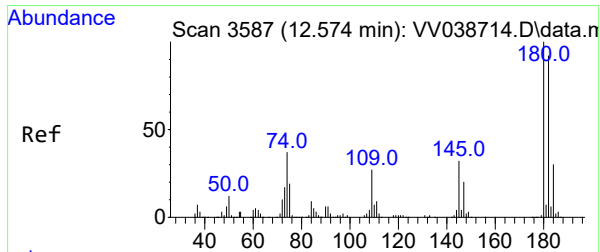


#68
1,2-Dibromo-3-chloropropane
Concen: 3.14 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.019 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion: 75 Resp: 2101
Ion Ratio Lower Upper
75 100
155 49.9 66.8 100.2#
157 62.7 83.4 125.2#

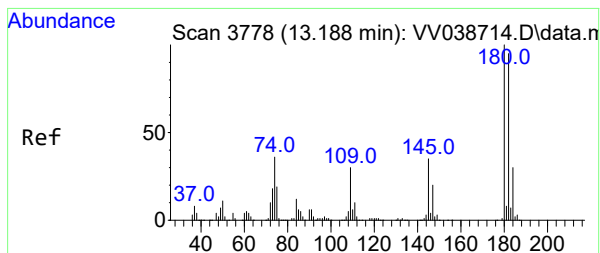
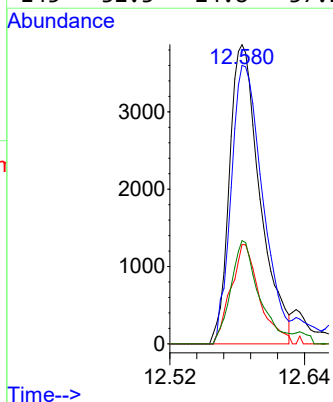
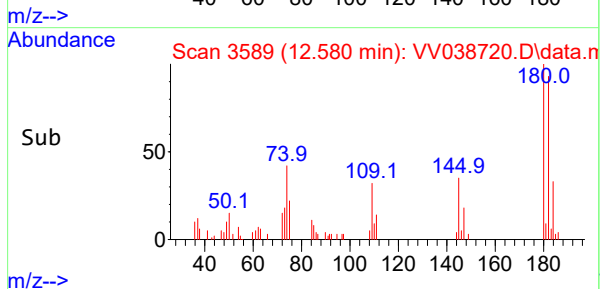
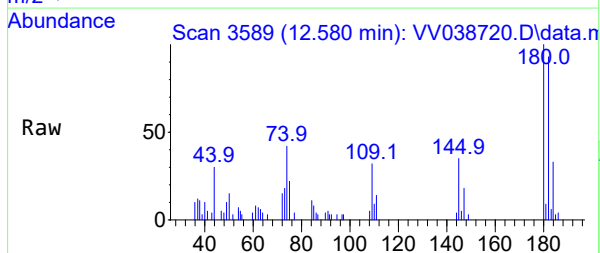


Client Sample ID :
MS/MS
Instrument :



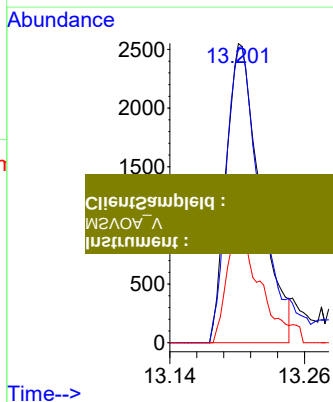
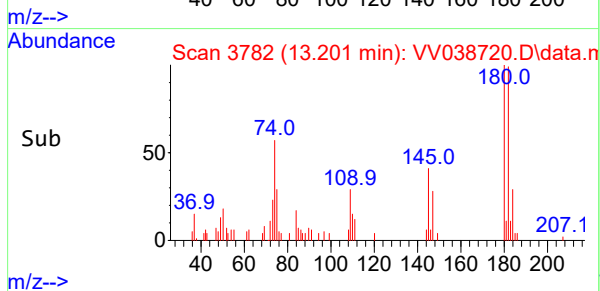
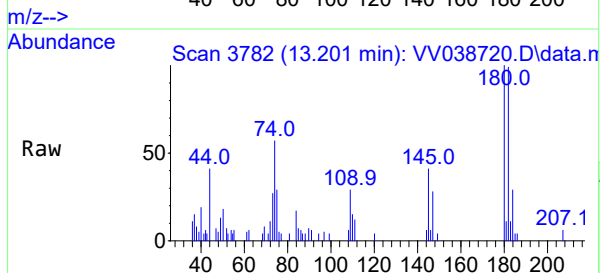
#69
1,3,5-Trichlorobenzene
Concen: 2.27 ug/L
RT: 12.580 min Scan# 3589
Delta R.T. 0.007 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	180	Resp:	7309
Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.2	114.4
184	31.2	23.8	35.6
145	32.3	24.8	37.2

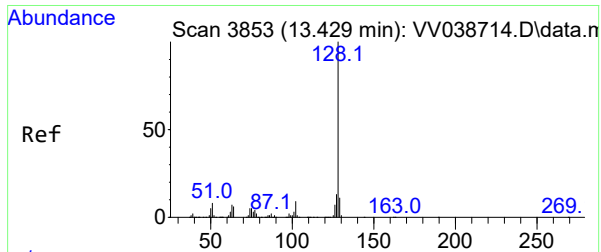


#70
1,2,4-trichlorobenzene
Concen: 2.02 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.013 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	180	Resp:	5343
Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.2	114.2
145	28.4	24.7	37.1

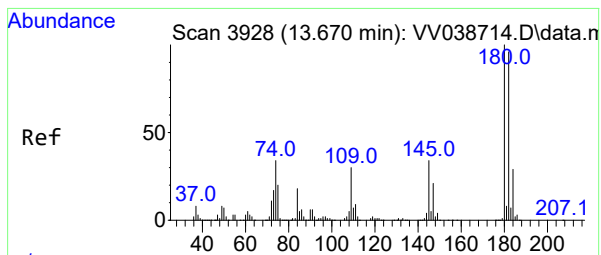
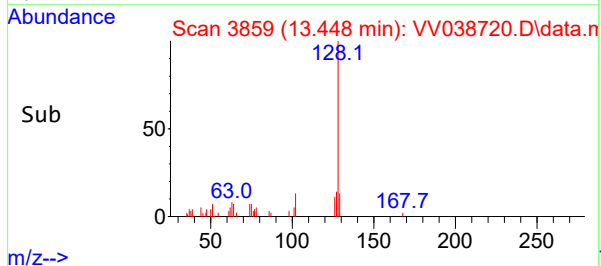
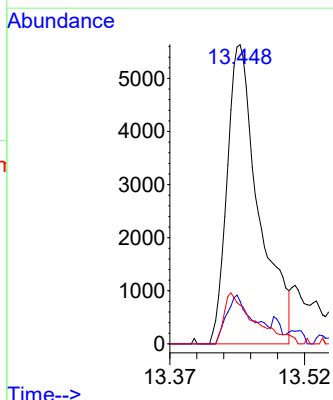
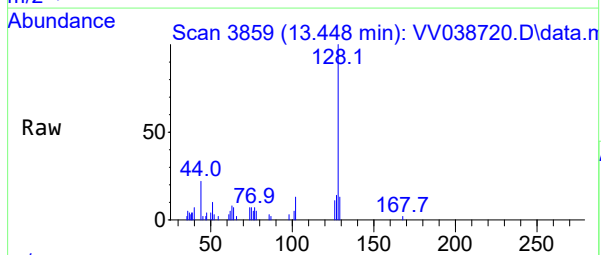


Client Sample ID :
MS/MS
Instrument :



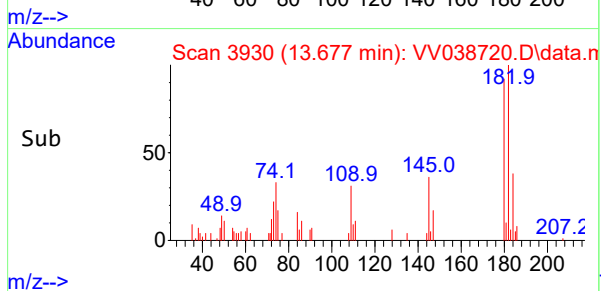
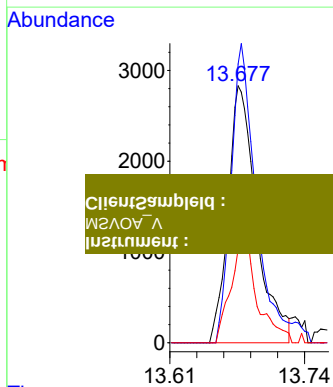
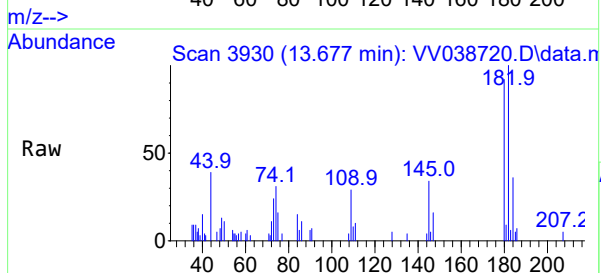
#71
Naphthalene
Concen: 1.90 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.019 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	128	Resp:	13027
Ion Ratio	Lower	Upper	
128	100		
127	11.0	10.1	15.1
129	11.1	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 2.16 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.007 min
Lab File: VV038720.D
Acq: 17 Mar 2025 17:06

Tgt Ion:	180	Resp:	5617
Ion Ratio	Lower	Upper	
180	100		
182	102.3	75.8	113.6
145	34.8	27.1	40.7



Client Sample ID :
INSTRUMENT :