

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046628.D
 Acq On : 11 Jun 2025 11:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Jun 12 01:36:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	20635	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	110776	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	99656	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	51255	30.685	ug/l	-0.01
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.300%	
60) 4-Bromofluorobenzene	11.079	95	51455	30.633	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.100%	
63) Toluene-d8	8.647	98	135584	30.459	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.533%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	28077	20.929	ug/l	96
3) Chloromethane	1.307	50	25877	18.721	ug/l	95
4) Vinyl Chloride	1.386	62	26255	19.703	ug/l	99
5) Bromomethane	1.630	94	11390	14.313	ug/l	96
6) Chloroethane	1.703	64	14607	19.080	ug/l	96
7) Trichlorofluoromethane	1.904	101	39076	20.473	ug/l	99
8) Diethyl Ether	2.148	74	12999	19.438	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	25456	20.046	ug/l	99
10) 1,1-Dichloroethene	2.337	96	23957	19.448	ug/l	94
11) Methyl Iodide	2.465	142	22855	13.609	ug/l	99
12) Methyl Acetate	2.715	43	24983	16.090	ug/l	97
13) Acrolein	2.251	56	15250	100.231	ug/l	96
14) Acrylonitrile	3.075	53	59285	92.911	ug/l	98
15) Acetone	2.386	58	14193	97.272	ug/l	89
16) Carbon Disulfide	2.526	76	70029	20.491	ug/l	99
17) Allyl chloride	2.678	41	44404	19.868	ug/l	98
18) Methylene Chloride	2.800	84	27389	20.147	ug/l	95
19) trans-1,2-Dichloroethene	3.105	96	25444	19.932	ug/l	97
20) Diisopropyl ether	3.770	45	85373	20.190	ug/l	95
21) 1,1-Dichloroethane	3.623	63	47950	19.792	ug/l	97
22) cis-1,2-Dichloroethene	4.495	96	30310	20.366	ug/l	97
23) tert-Butyl Alcohol	2.953	59	10853	84.214	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	73237	19.462	ug/l	99
25) Chloroform	5.105	83	51225	20.542	ug/l	97
26) Cyclohexane	5.477	56	44234	20.011	ug/l #	98
29) 1,1-Dichloropropene	5.702	75	34838	19.988	ug/l	100
30) 2-Butanone	4.562	43	73100	94.128	ug/l	99
31) 2,2-Dichloropropane	4.568	77	435	0.281	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	43658	20.272	ug/l	99
33) Carbon Tetrachloride	5.690	117	39564	20.700	ug/l	97
34) Benzene	6.043	78	102859	20.087	ug/l	98
35) Methacrylonitrile	4.922	41	18615	19.547	ug/l	98
36) 1,2-Dichloroethane	6.092	62	39747	20.516	ug/l	99
37) Trichloroethene	7.129	130	25222	19.629	ug/l	88
38) Methylcyclohexane	7.385	83	44602	20.161	ug/l	97
39) 1,2-Dichloropropane	7.433	63	25659	20.087	ug/l	96
40) Dibromomethane	7.580	93	18843	19.732	ug/l	100
41) Bromodichloromethane	7.824	83	38780	19.934	ug/l #	96
42) Vinyl Acetate	3.733	43	337623	100.751	ug/l	99

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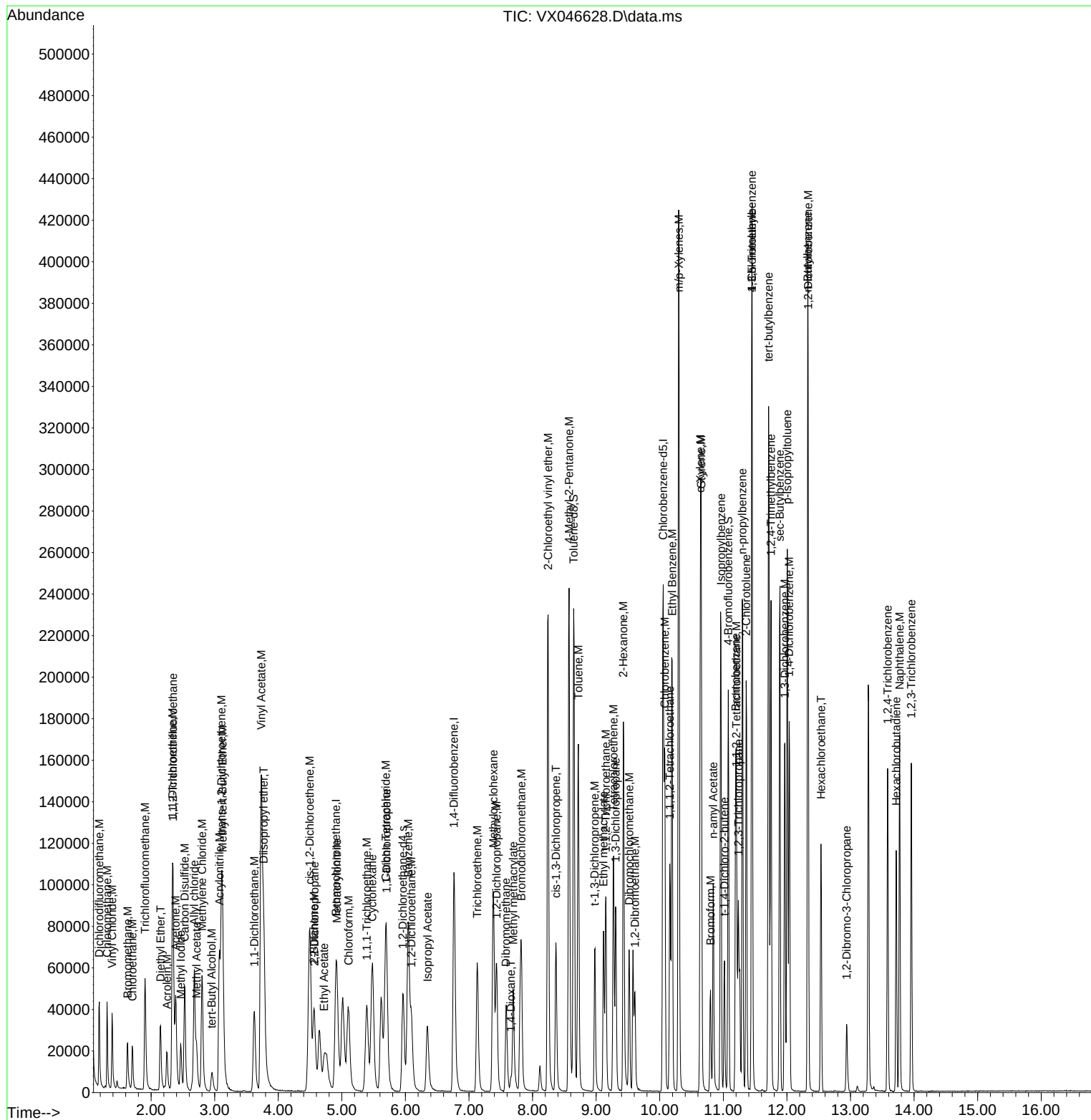
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	29081	17.678	ug/l #	86
44) Isopropyl Acetate	6.348	43	49810	19.357	ug/l	99
45) 1,4-Dioxane	7.659	88	5493	338.424	ug/l	96
46) Methyl methacrylate	7.696	41	26767	19.051	ug/l	96
47) n-amyl Acetate	10.841	43	44560	19.360	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	33811	19.387	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	38134	19.585	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	24078	20.006	ug/l	94
51) Ethyl methacrylate	9.116	69	34021	18.591	ug/l	99
52) 1,3-Dichloropropane	9.305	76	41775	19.928	ug/l	98
53) Dibromochloromethane	9.518	129	28819	20.316	ug/l	97
54) 1,2-Dibromoethane	9.610	107	24633	19.458	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	94081	98.440	ug/l	98
56) Bromoform	10.799	173	17656	20.140	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	157737	97.307	ug/l	99
59) 2-Hexanone	9.427	43	106198	92.866	ug/l	98
61) Tetrachloroethene	9.275	164	21065	20.169	ug/l	98
62) Toluene	8.720	91	109424	20.261	ug/l	99
64) Chlorobenzene	10.079	112	69901	20.067	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.159	131	22881	19.599	ug/l	99
66) Ethyl Benzene	10.195	91	122281	19.829	ug/l	99
67) m/p-Xylenes	10.299	106	91561	40.142	ug/l	99
68) o-Xylene	10.640	106	43725	19.910	ug/l	97
69) Styrene	10.652	104	76101	20.216	ug/l	99
70) Isopropylbenzene	10.963	105	119056	20.200	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	34367	19.850	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	36419	25.197	ug/l	87
73) Bromobenzene	11.195	156	27307	19.766	ug/l	98
74) n-propylbenzene	11.299	91	144502	20.504	ug/l	99
75) 2-Chlorotoluene	11.360	91	85256	20.207	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	100155	20.453	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	9214	18.871	ug/l	95
78) 4-Chlorotoluene	11.451	91	99675	20.420	ug/l	99
79) tert-butylbenzene	11.713	119	99639	20.403	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	100361	20.752	ug/l	99
81) sec-Butylbenzene	11.890	105	127530	20.407	ug/l	99
82) p-Isopropyltoluene	12.006	119	107730	21.003	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	52959	20.594	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	53095	20.531	ug/l	98
85) n-Butylbenzene	12.329	91	102821	20.808	ug/l	100
86) Hexachloroethane	12.536	117	17610	19.769	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	50257	20.314	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7096	19.869	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	32647	20.015	ug/l	98
90) Hexachlorobutadiene	13.719	225	14411	20.065	ug/l	99
91) Naphthalene	13.774	128	101783	19.669	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	32178	20.098	ug/l	100

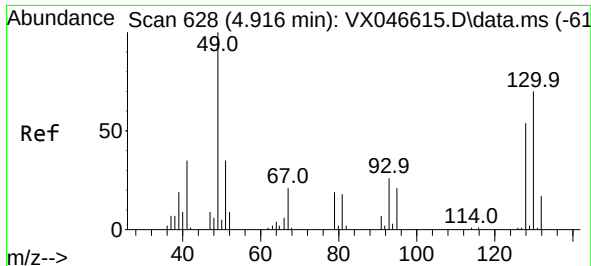
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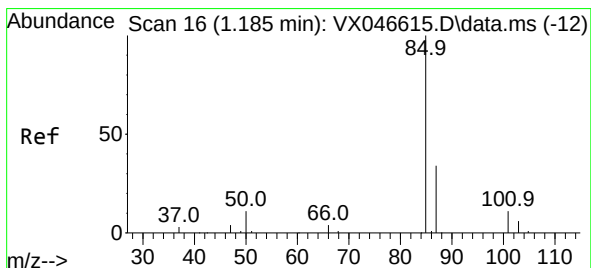
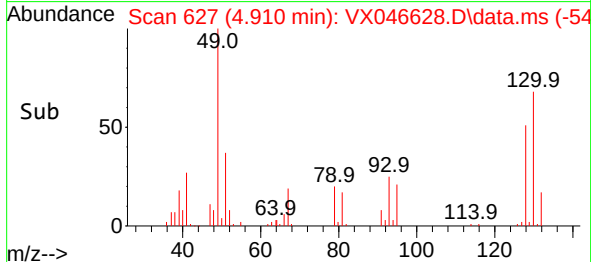
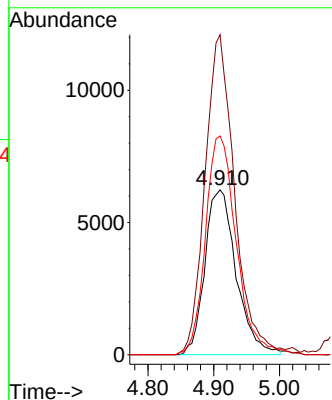
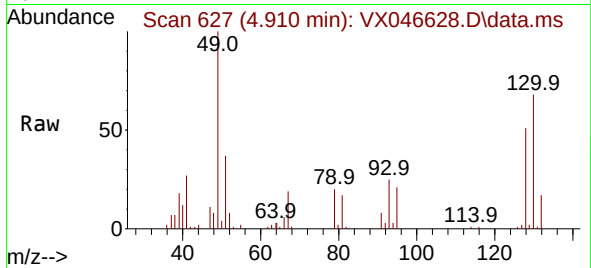




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046628.D
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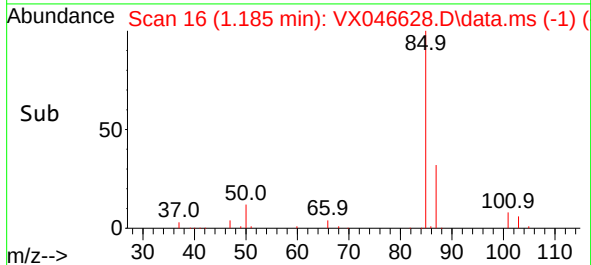
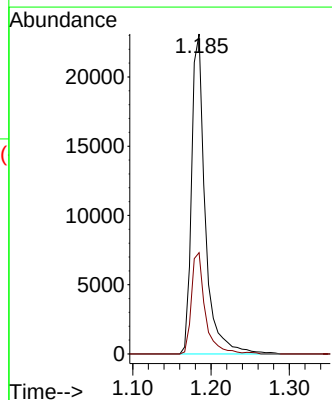
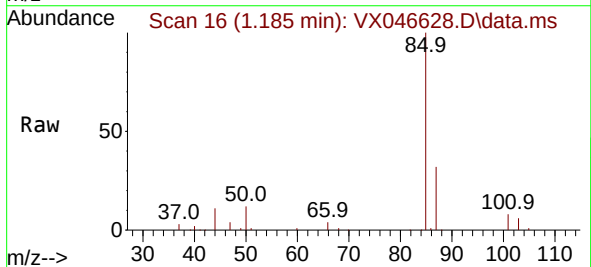
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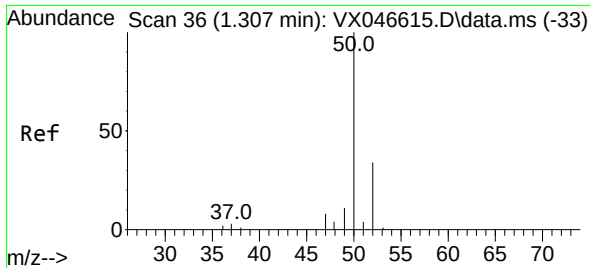
Tgt Ion:128 Resp: 20635
Ion Ratio Lower Upper
128 100
49 182.8 0.0 448.3
130 131.0 0.0 312.0



#2
Dichlorodifluoromethane
Concen: 20.929 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 85 Resp: 28077
Ion Ratio Lower Upper
85 100
87 31.7 17.1 51.3

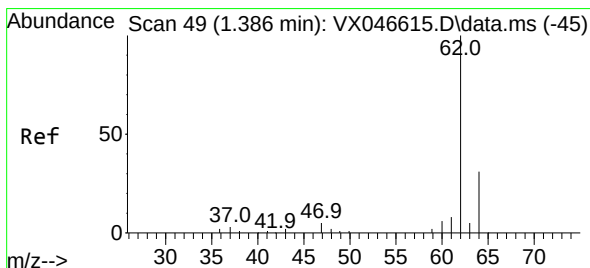
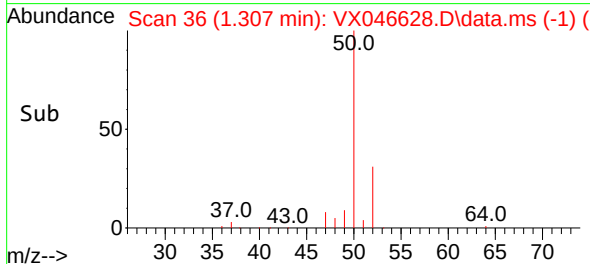
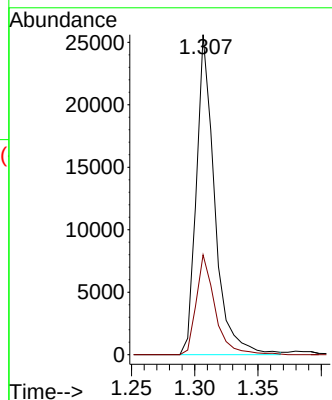
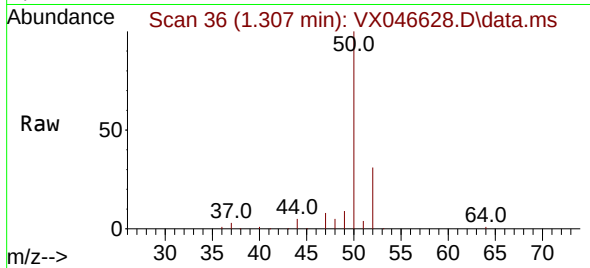




#3
Chloromethane
Concen: 18.721 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

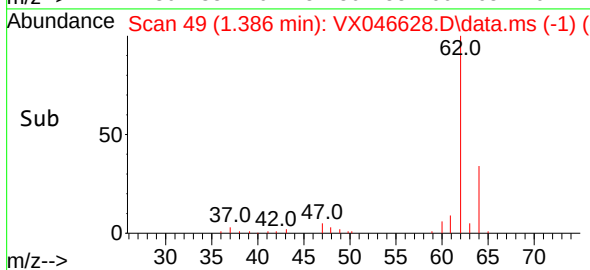
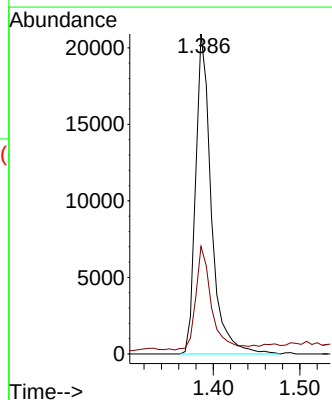
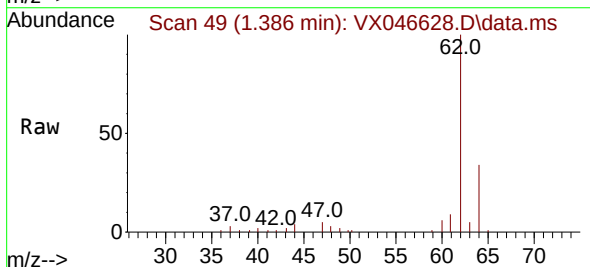
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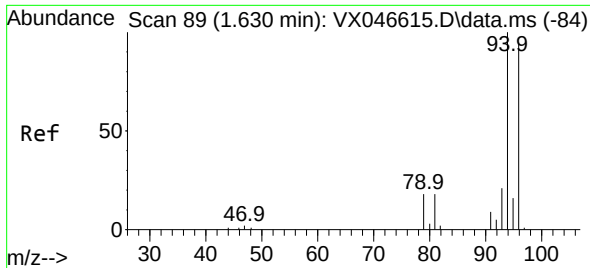
Tgt Ion: 50 Resp: 25877
Ion Ratio Lower Upper
50 100
52 31.2 27.4 41.2



#4
Vinyl Chloride
Concen: 19.703 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 62 Resp: 26255
Ion Ratio Lower Upper
62 100
64 31.9 25.2 37.8

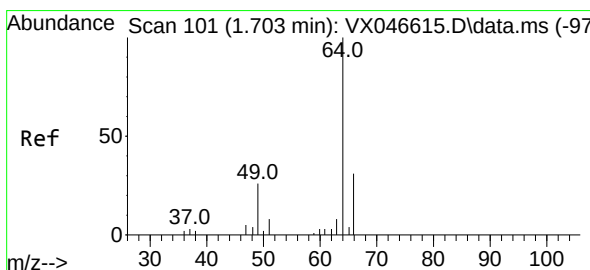
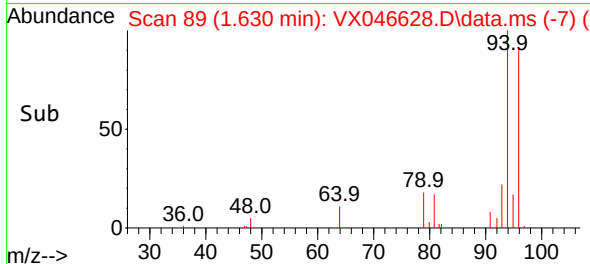
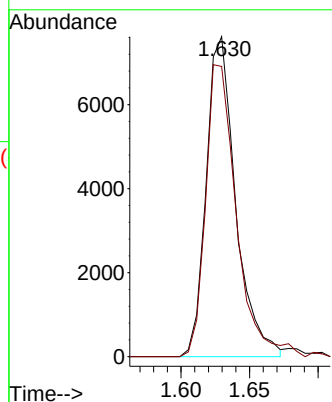
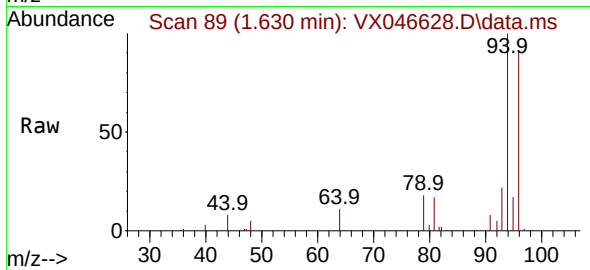




#5
Bromomethane
Concen: 14.313 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX046628.D
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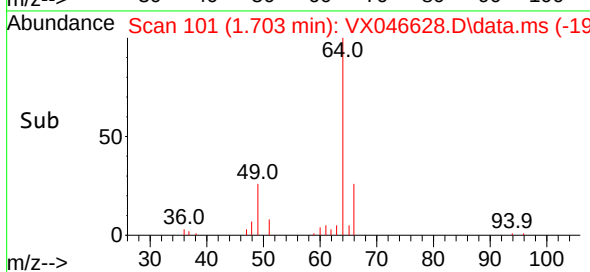
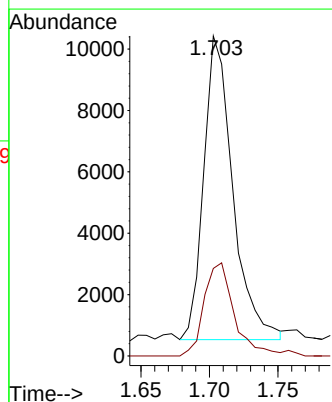
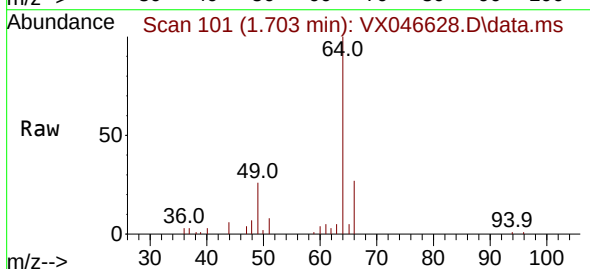
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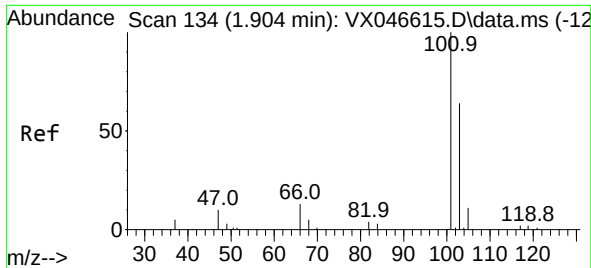
Tgt Ion: 94 Resp: 11390
Ion Ratio Lower Upper
94 100
96 90.7 75.5 113.3



#6
Chloroethane
Concen: 19.080 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 64 Resp: 14607
Ion Ratio Lower Upper
64 100
66 28.8 25.0 37.6

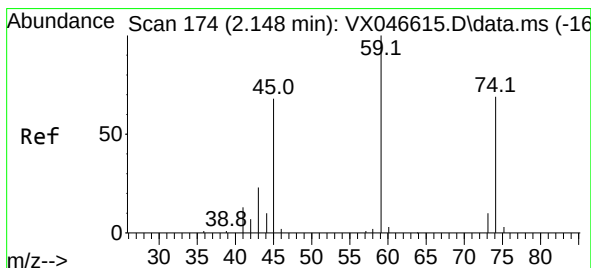
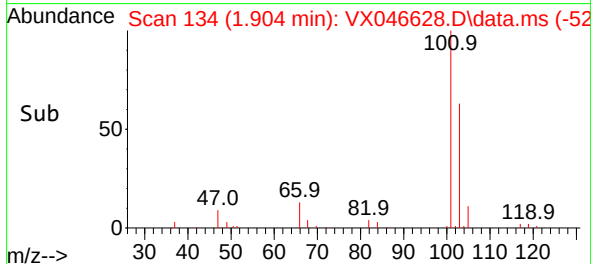
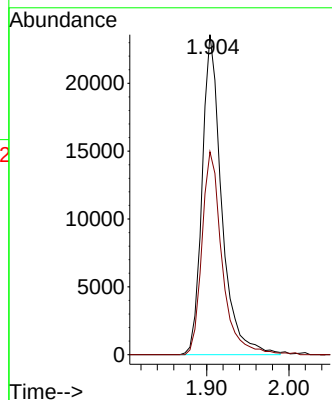
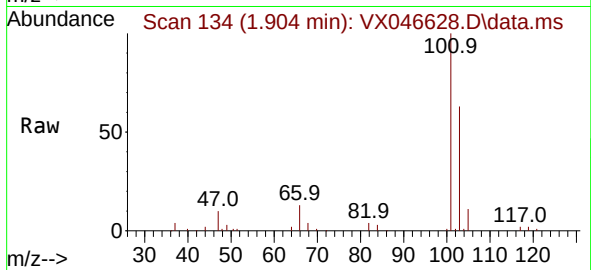




#7
Trichlorofluoromethane
Concen: 20.473 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
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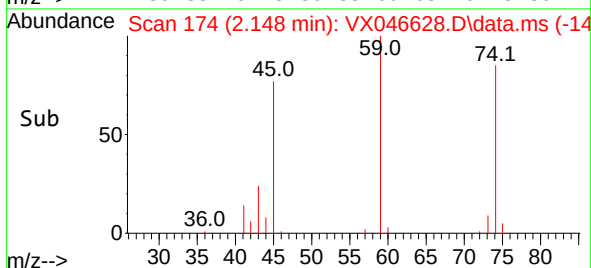
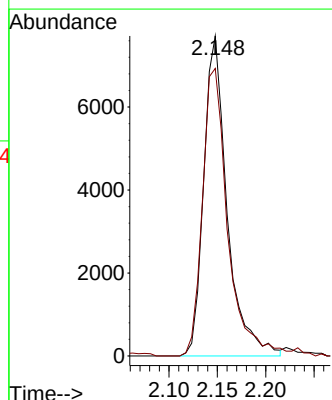
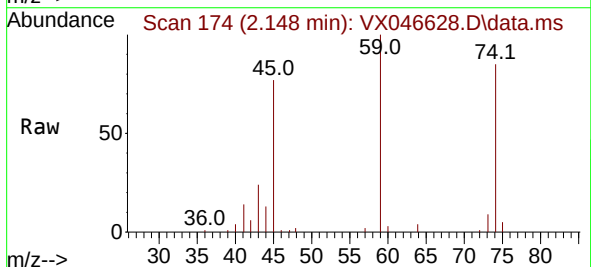
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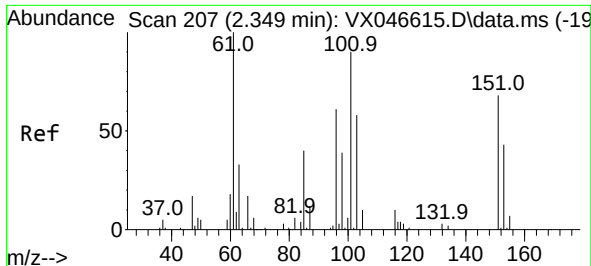
Tgt Ion:101 Resp: 39076
Ion Ratio Lower Upper
101 100
103 63.4 51.5 77.3



#8
Diethyl Ether
Concen: 19.438 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX046628.D
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Tgt Ion: 74 Resp: 12999
Ion Ratio Lower Upper
74 100
45 96.6 19.3 174.1

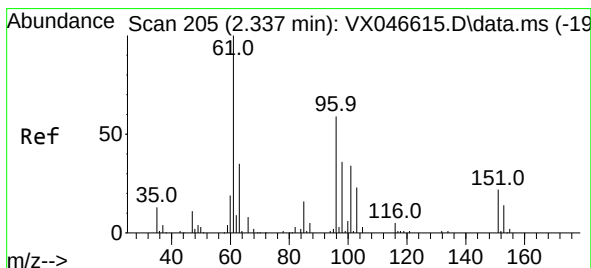
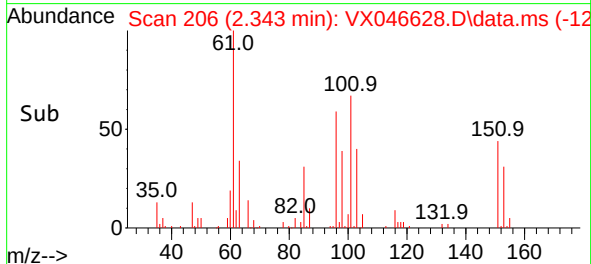
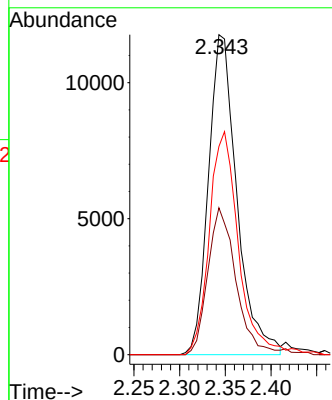
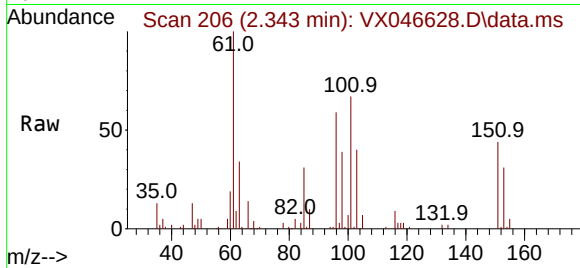




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.046 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
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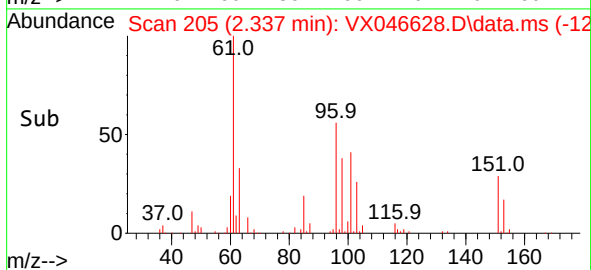
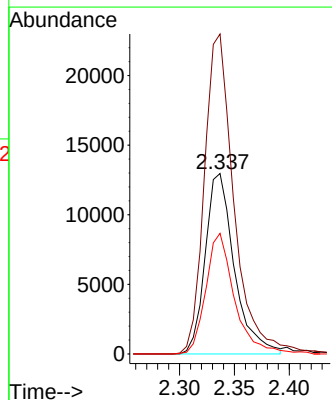
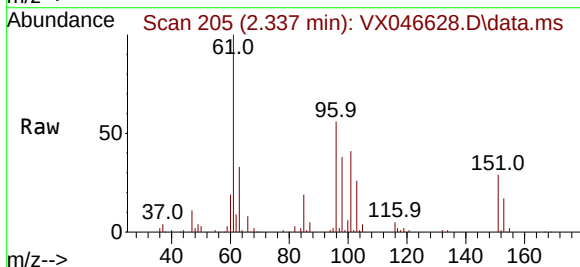
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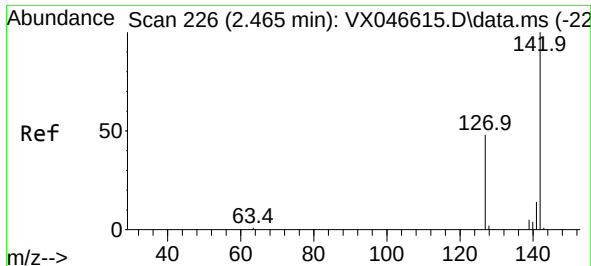
Tgt Ion:101 Resp: 25456
Ion Ratio Lower Upper
101 100
85 45.4 0.0 88.2
151 71.0 0.0 141.8



#10
1,1-Dichloroethene
Concen: 19.448 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 96 Resp: 23957
Ion Ratio Lower Upper
96 100
61 176.7 135.1 202.7
98 66.4 49.0 73.4

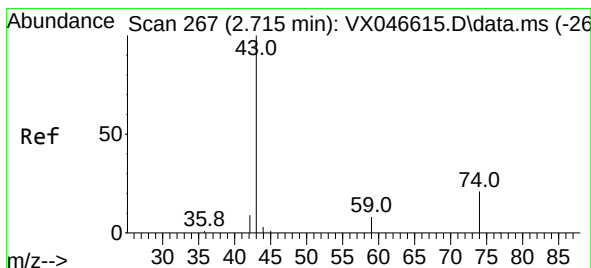
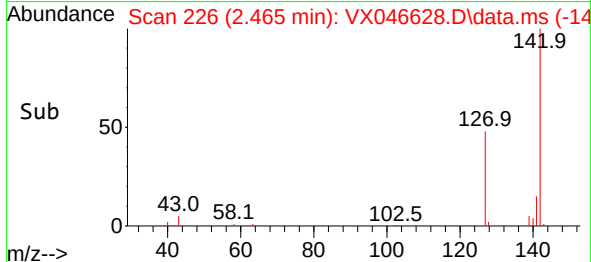
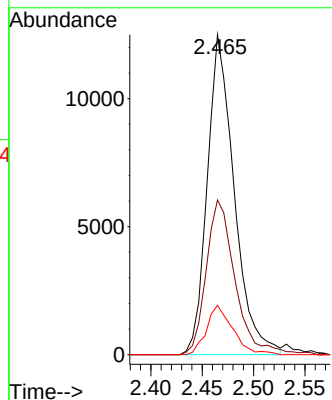
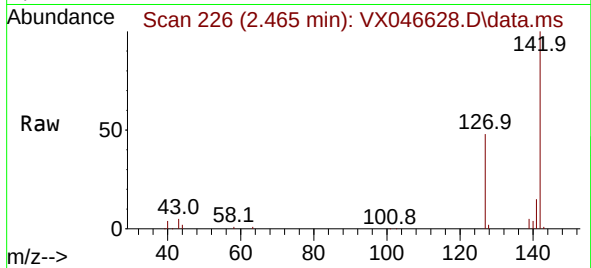




#11
Methyl Iodide
Concen: 13.609 ug/l
RT: 2.465 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

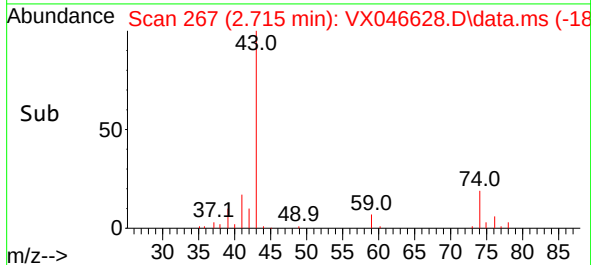
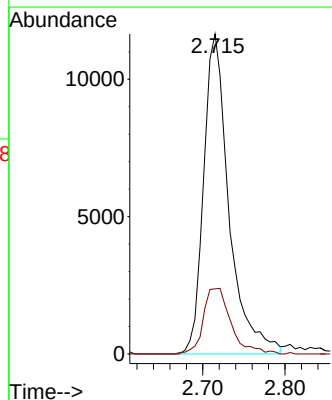
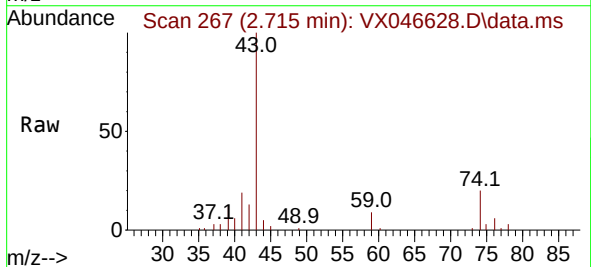
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

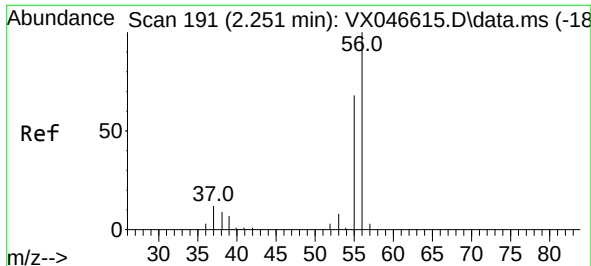
Tgt Ion:142 Resp: 22855
Ion Ratio Lower Upper
142 100
127 48.0 24.1 72.4
141 15.5 7.0 20.9



#12
Methyl Acetate
Concen: 16.090 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 43 Resp: 24983
Ion Ratio Lower Upper
43 100
74 20.3 17.2 25.8

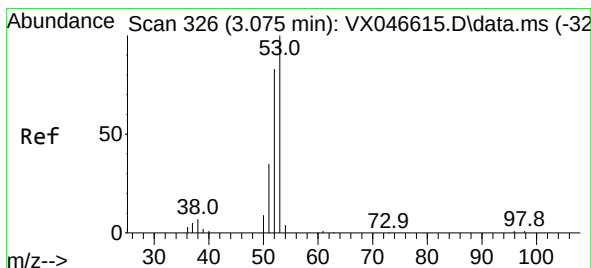
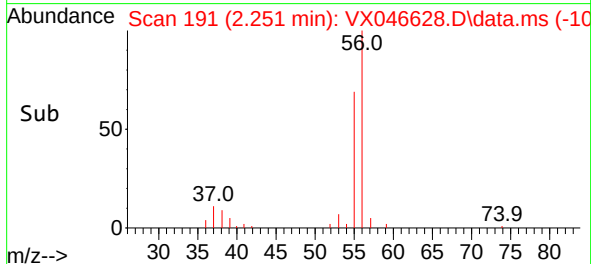
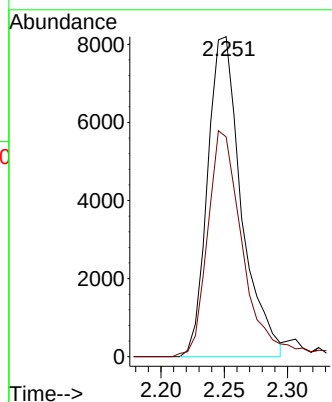
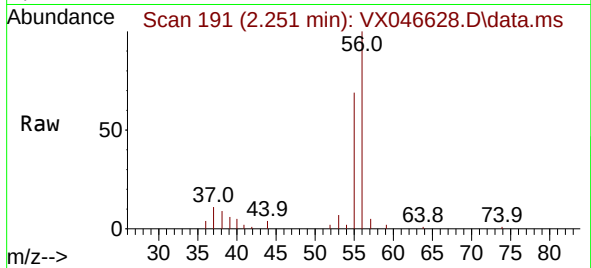




#13
Acrolein
Concen: 100.231 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

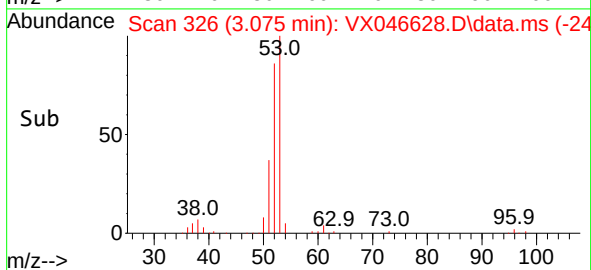
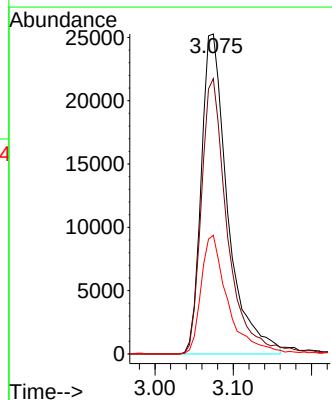
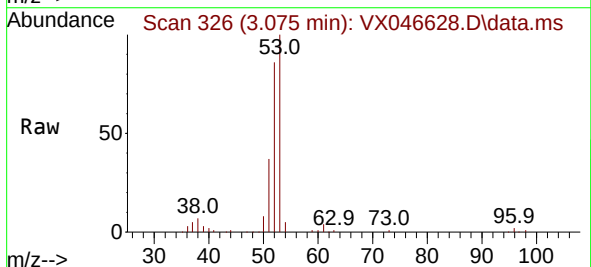
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

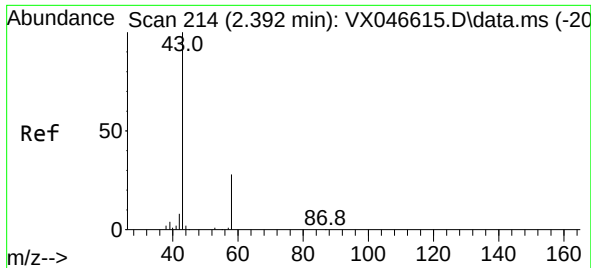
Tgt Ion: 56 Resp: 15250
Ion Ratio Lower Upper
56 100
55 72.9 56.0 84.0



#14
Acrylonitrile
Concen: 92.911 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 53 Resp: 59285
Ion Ratio Lower Upper
53 100
52 84.8 41.3 123.7
51 37.4 18.6 55.8

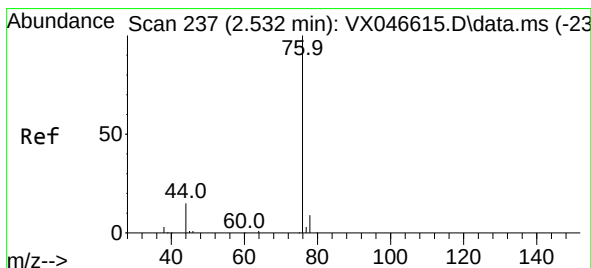
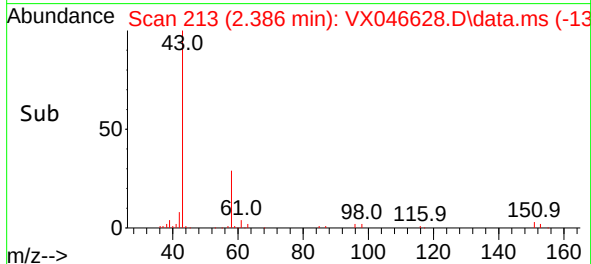
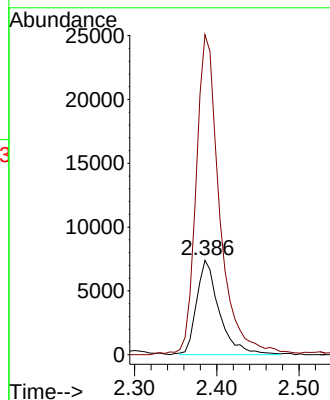
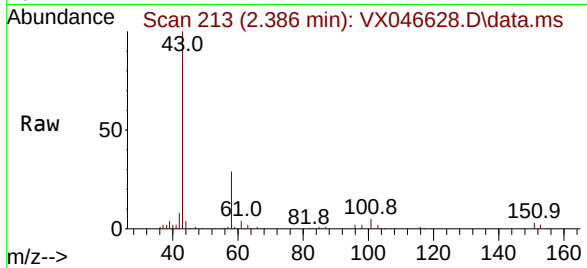




#15
Acetone
Concen: 97.272 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

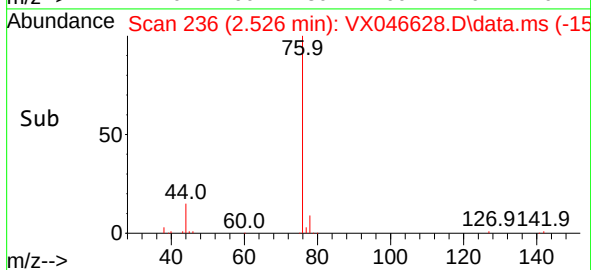
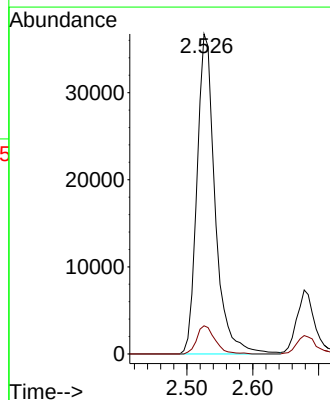
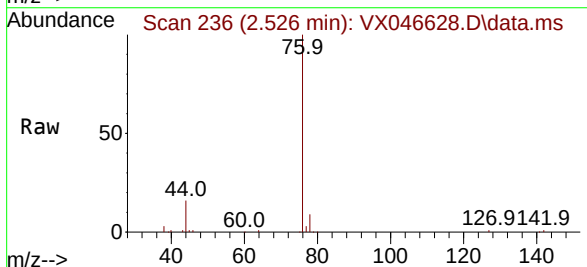
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

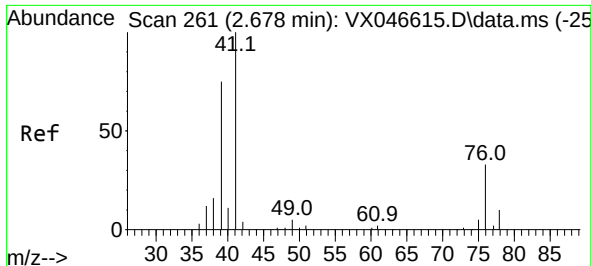
Tgt Ion: 58 Resp: 14193
Ion Ratio Lower Upper
58 100
43 338.7 290.6 435.8



#16
Carbon Disulfide
Concen: 20.491 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 76 Resp: 70029
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0





#17

Allyl chloride

Concen: 19.868 ug/l

RT: 2.678 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX046628.D

Acq: 11 Jun 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

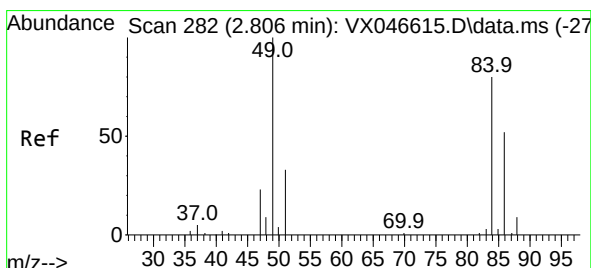
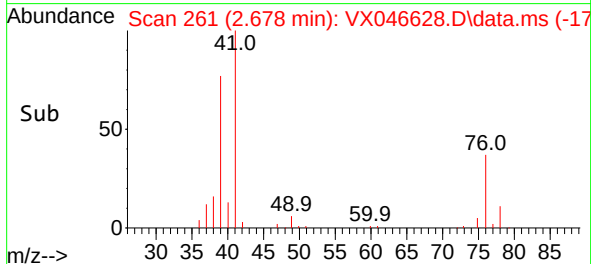
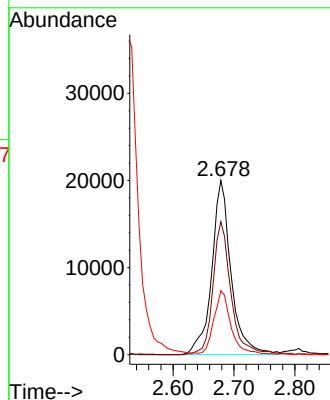
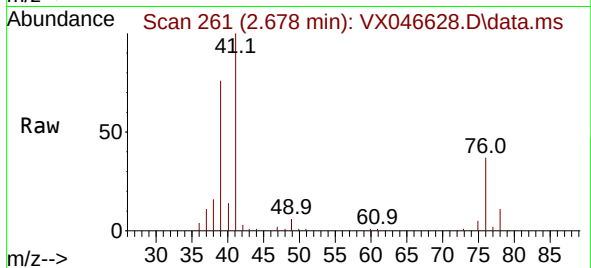
Tgt Ion: 41 Resp: 44404

Ion Ratio Lower Upper

41 100

39 76.3 37.5 112.3

76 36.2 17.4 52.3



#18

Methylene Chloride

Concen: 20.147 ug/l

RT: 2.800 min Scan# 281

Delta R.T. -0.006 min

Lab File: VX046628.D

Acq: 11 Jun 2025 11:12

Tgt Ion: 84 Resp: 27389

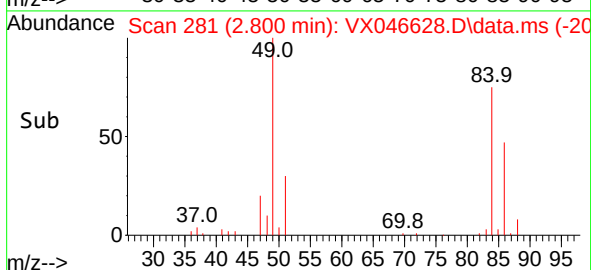
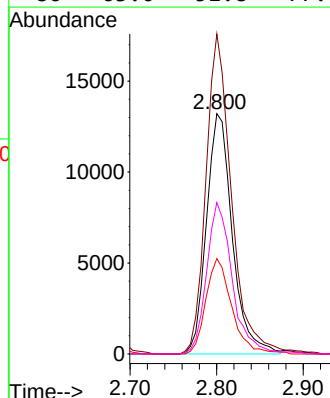
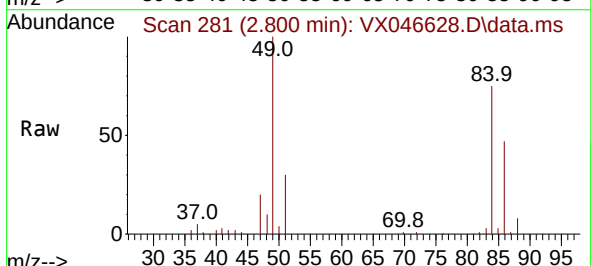
Ion Ratio Lower Upper

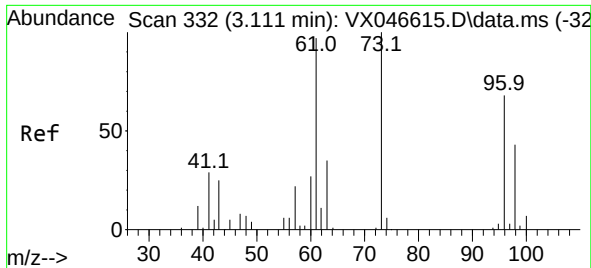
84 100

49 133.2 100.1 150.1

51 39.7 33.0 49.4

86 63.0 51.8 77.6

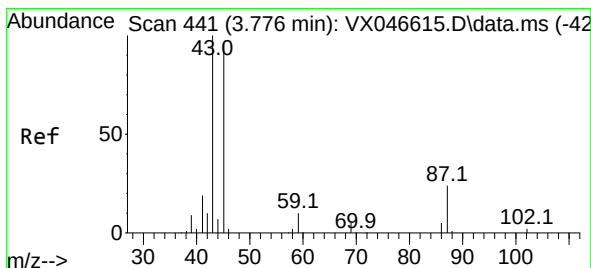
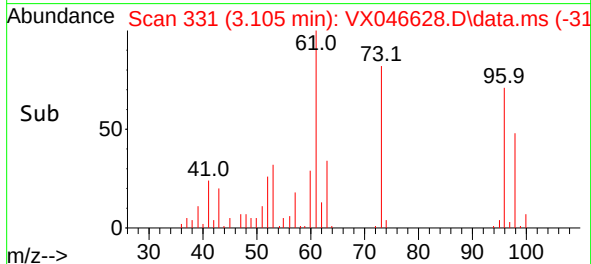
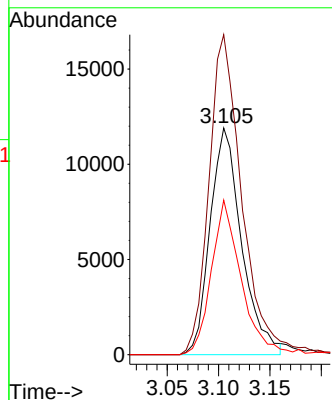
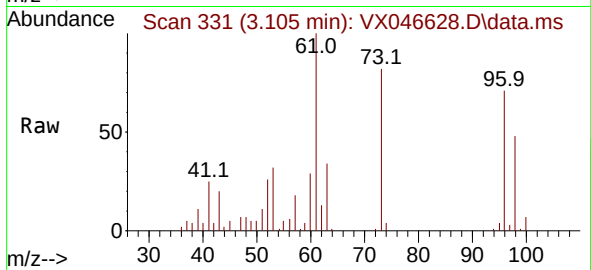




#19
trans-1,2-Dichloroethene
Concen: 19.932 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

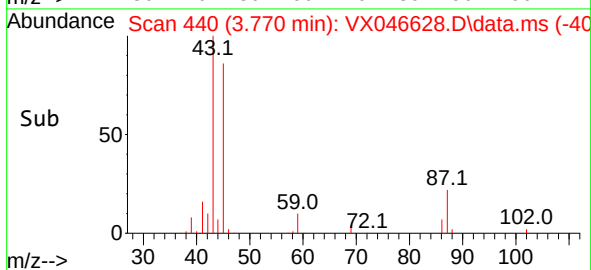
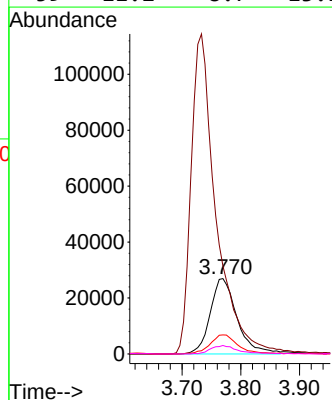
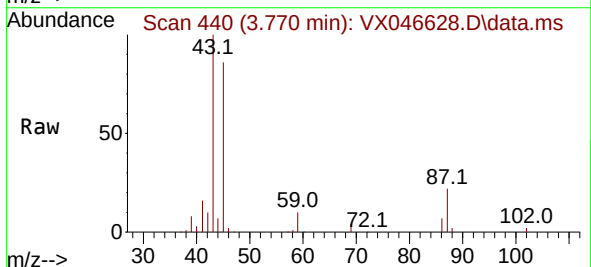
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

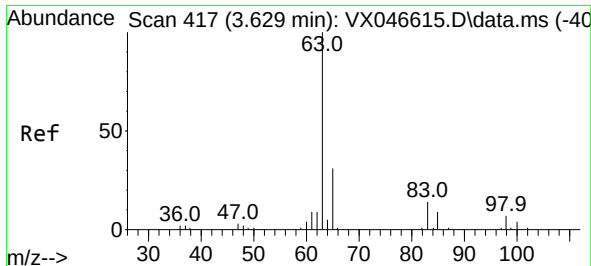
Tgt Ion: 96 Resp: 25444
Ion Ratio Lower Upper
96 100
61 141.1 114.5 171.7
98 68.1 50.2 75.4



#20
Diisopropyl ether
Concen: 20.190 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 45 Resp: 85373
Ion Ratio Lower Upper
45 100
43 110.6 83.2 124.8
87 25.2 20.2 30.4
59 11.2 8.7 13.1

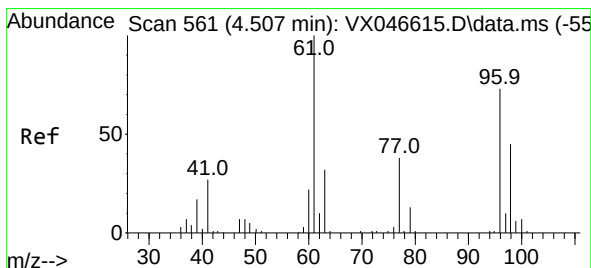
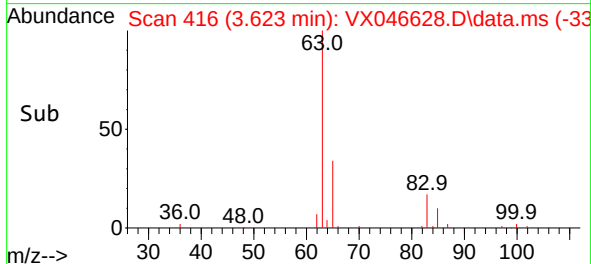
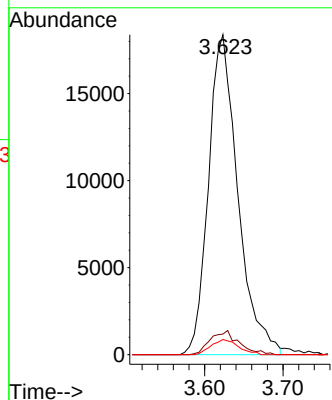
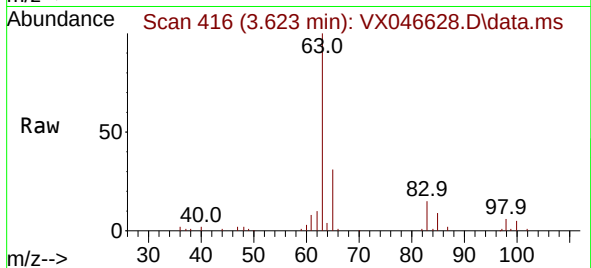




#21
1,1-Dichloroethane
Concen: 19.792 ug/l
RT: 3.623 min Scan# 417
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

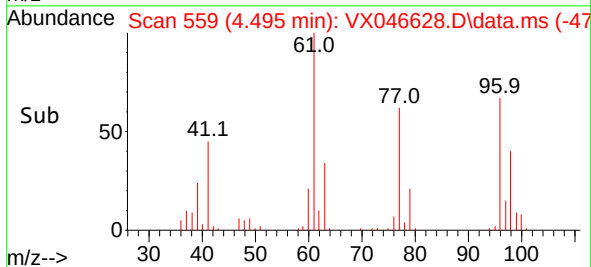
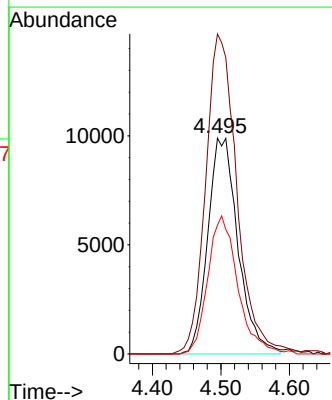
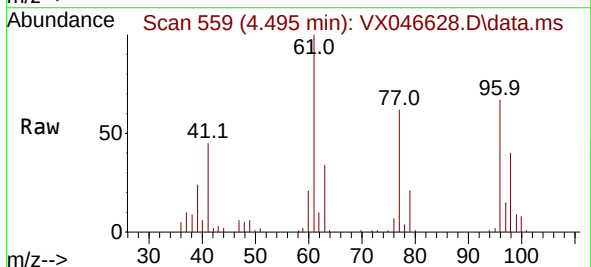
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

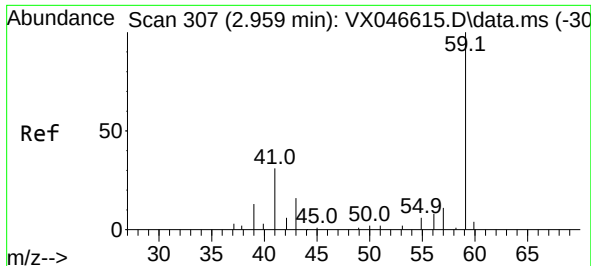
Tgt Ion: 63 Resp: 47950
Ion Ratio Lower Upper
63 100
98 6.4 3.6 10.8
100 4.8 1.8 5.5



#22
cis-1,2-Dichloroethene
Concen: 20.366 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.012 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 96 Resp: 30310
Ion Ratio Lower Upper
96 100
61 153.4 118.6 177.8
98 63.4 49.6 74.4

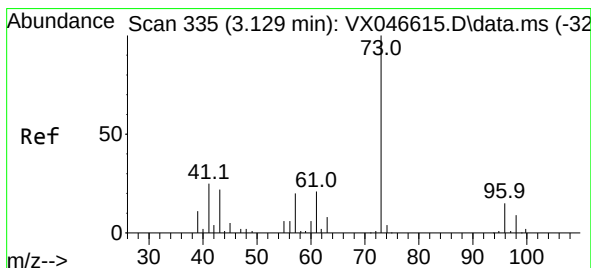
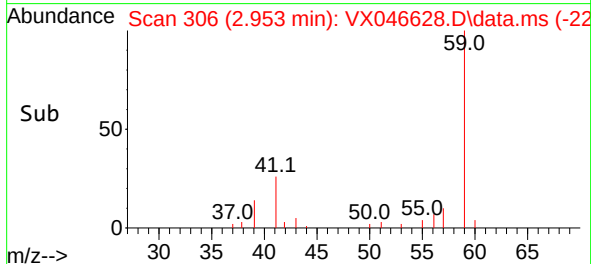
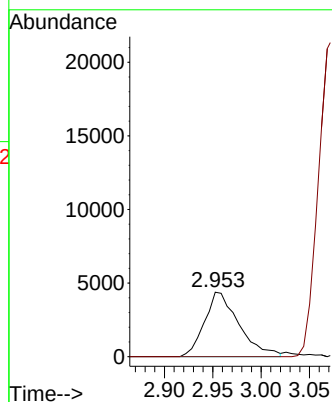
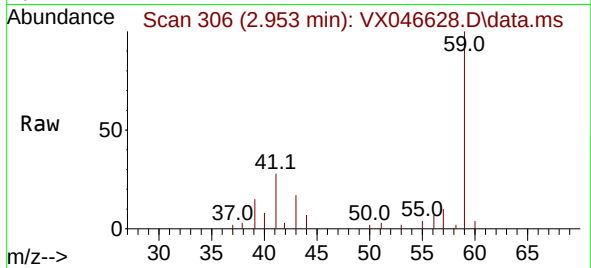




#23
tert-Butyl Alcohol
Concen: 84.214 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

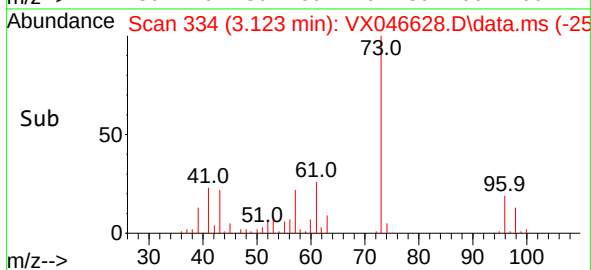
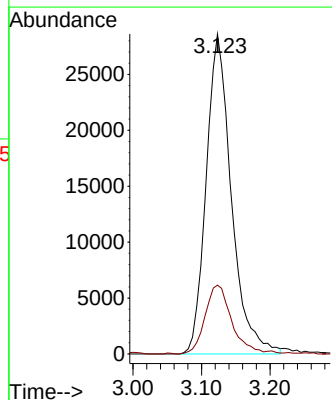
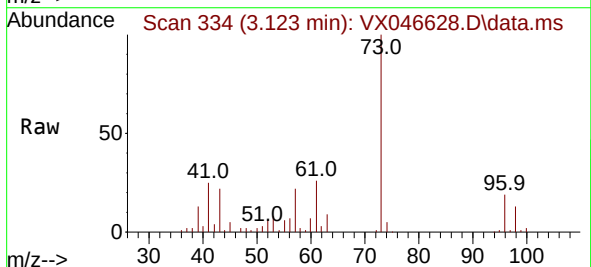
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

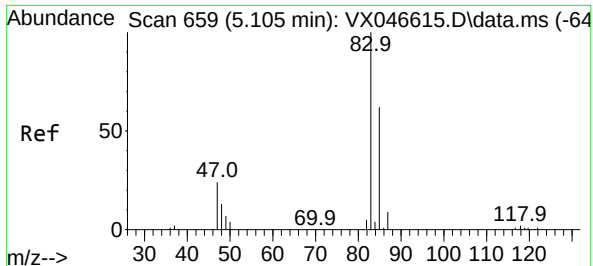
Tgt Ion: 59 Resp: 10853
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.462 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 73 Resp: 73237
Ion Ratio Lower Upper
73 100
43 22.5 18.4 27.6

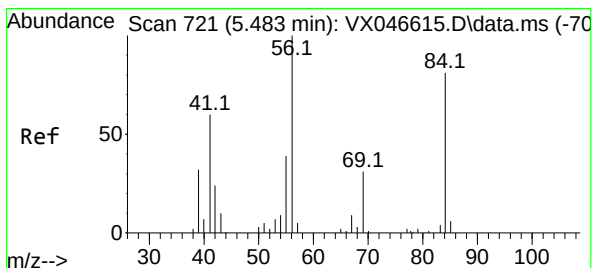
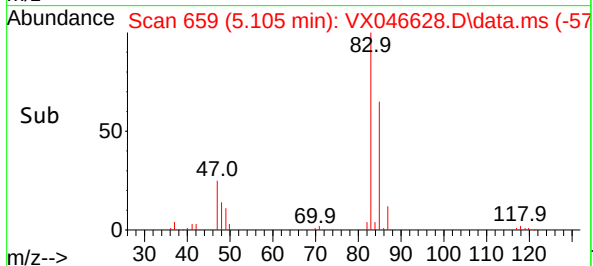
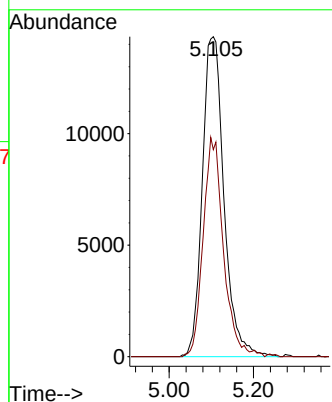
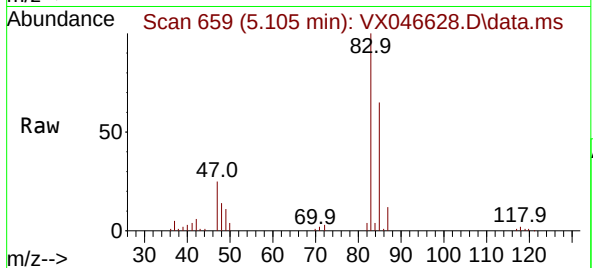




#25
Chloroform
Concen: 20.542 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

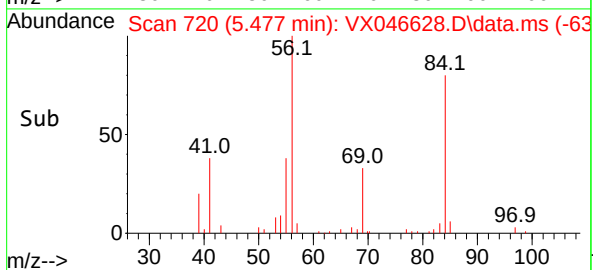
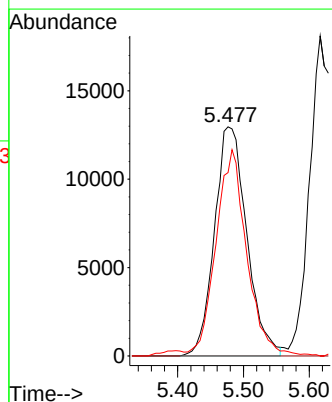
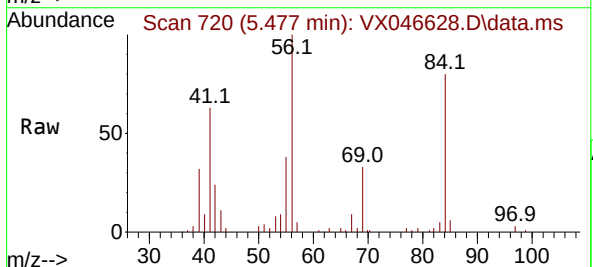
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

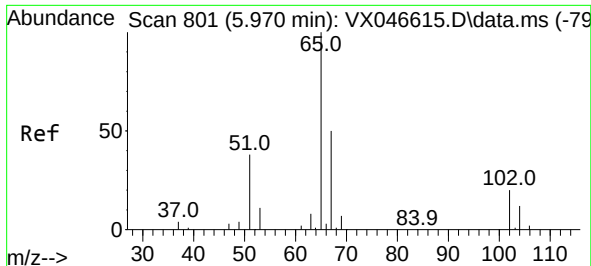
Tgt Ion: 83 Resp: 51225
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6



#26
Cyclohexane
Concen: 20.011 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 56 Resp: 44234
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.8 67.4 101.0

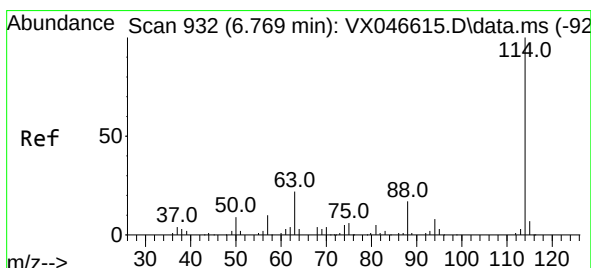
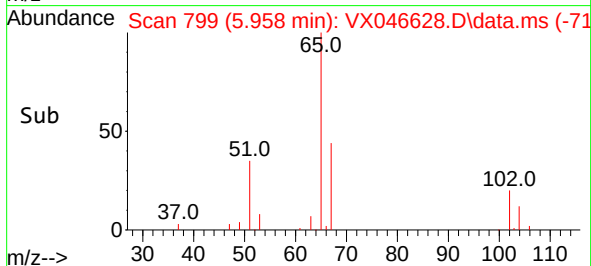
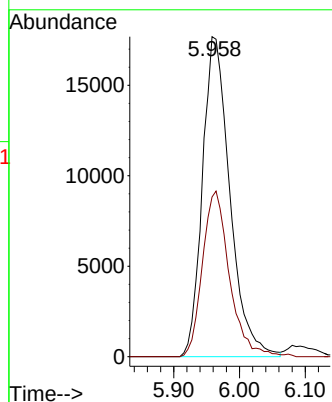
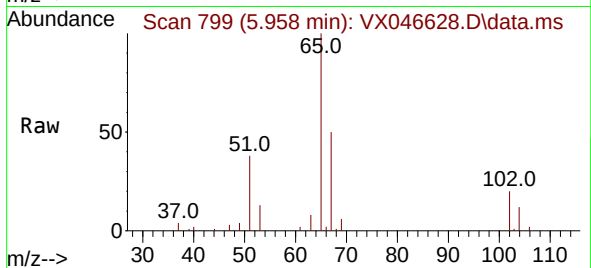




#27
 1,2-Dichloroethane-d4
 Concen: 30.685 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.012 min
 Lab File: VX046628.D
 Acq: 11 Jun 2025 11:12

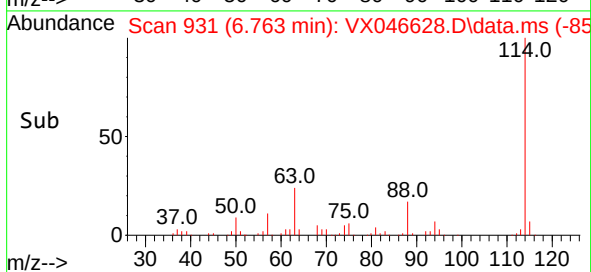
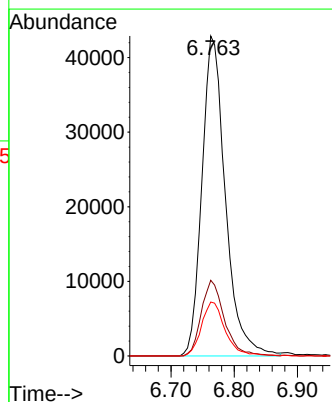
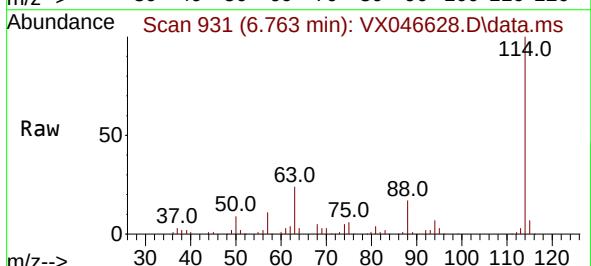
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

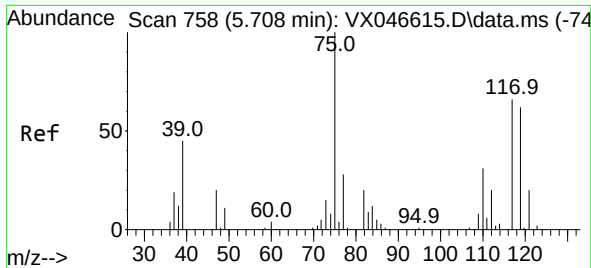
Tgt Ion: 65 Resp: 51255
 Ion Ratio Lower Upper
 65 100
 67 49.5 41.4 62.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX046628.D
 Acq: 11 Jun 2025 11:12

Tgt Ion: 114 Resp: 110776
 Ion Ratio Lower Upper
 114 100
 63 23.3 18.1 27.1
 88 16.6 14.1 21.1

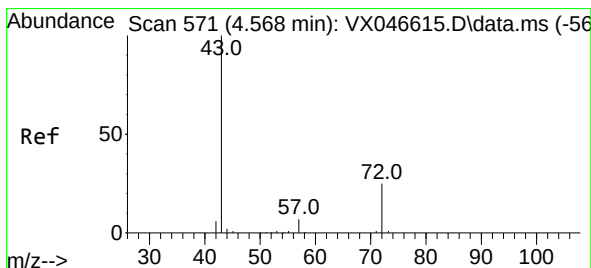
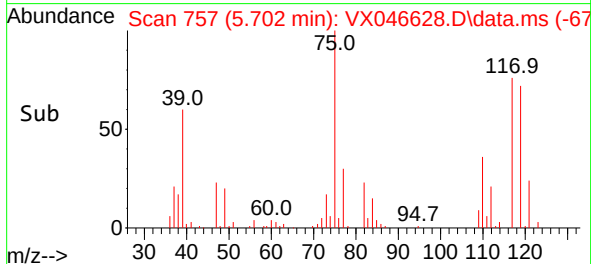
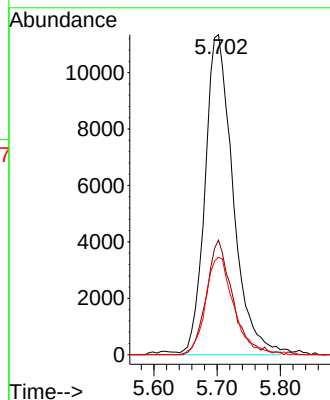
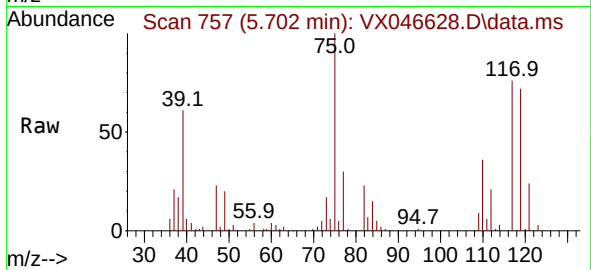




#29
1,1-Dichloropropene
Concen: 19.988 ug/l
RT: 5.702 min Scan# 75
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

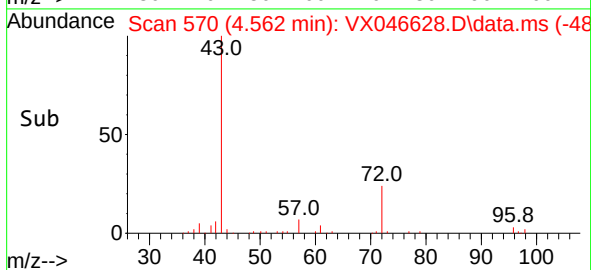
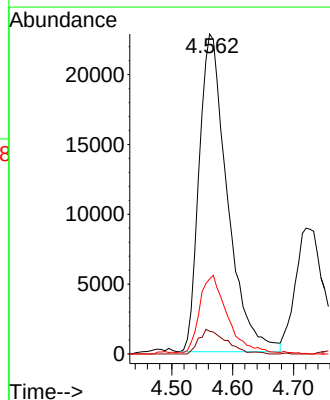
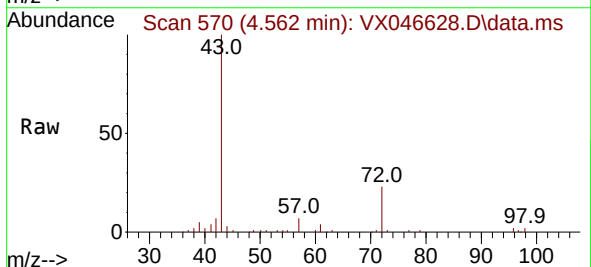
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

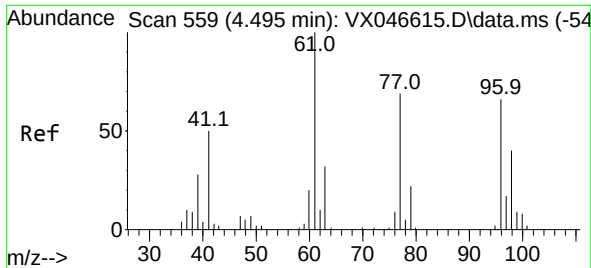
Tgt Ion: 75 Resp: 34838
Ion Ratio Lower Upper
75 100
110 33.0 0.0 65.4
77 30.1 0.0 59.8



#30
2-Butanone
Concen: 94.128 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 43 Resp: 73100
Ion Ratio Lower Upper
43 100
57 7.3 5.8 8.6
72 24.6 19.4 29.2

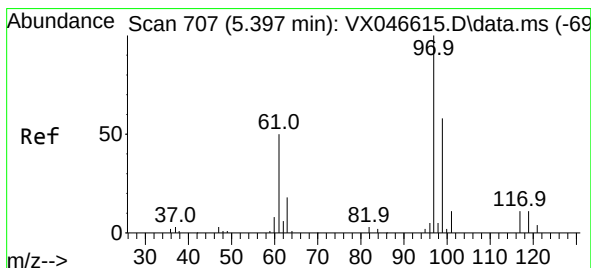
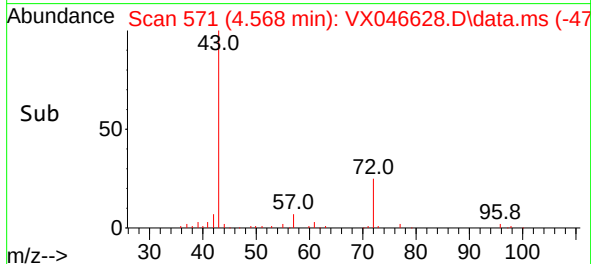
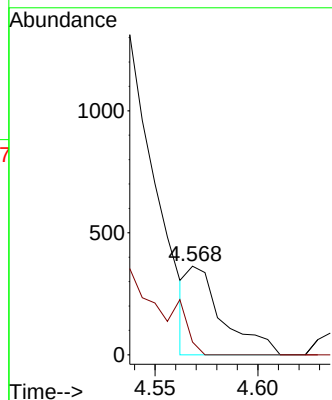
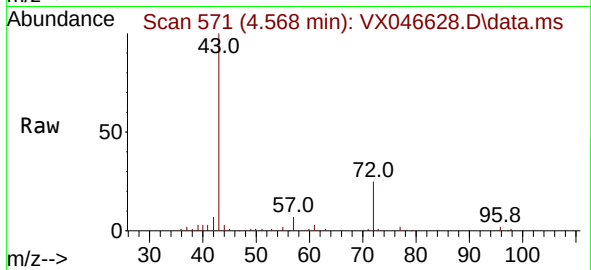




#31
2,2-Dichloropropane
Concen: 0.281 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.073 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

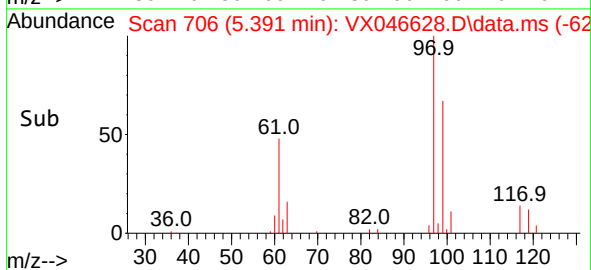
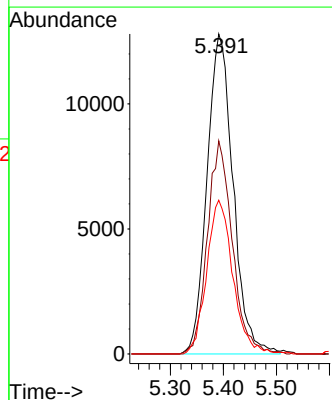
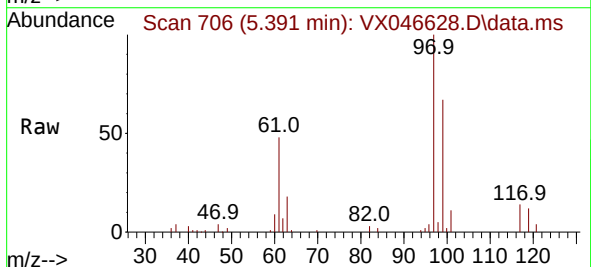
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

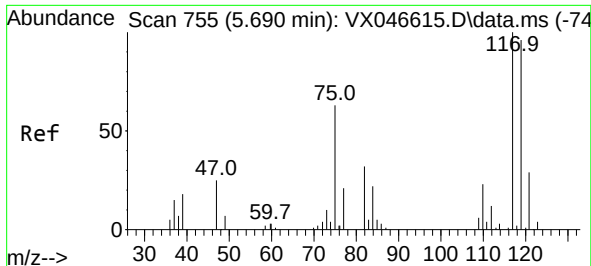
Tgt Ion: 77 Resp: 435
Ion Ratio Lower Upper
77 100
97 23.4 18.6 27.8



#32
1,1,1-Trichloroethane
Concen: 20.272 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 97 Resp: 43658
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 47.9 39.5 59.3

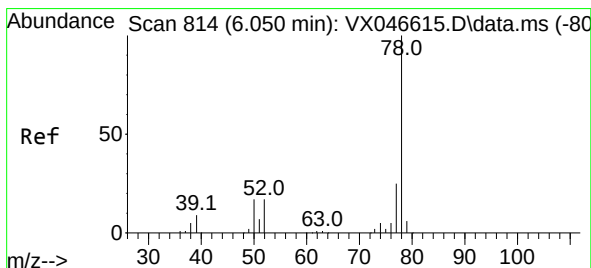
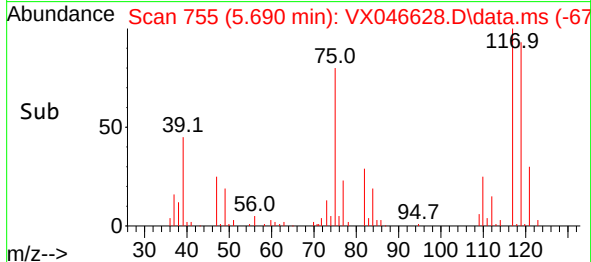
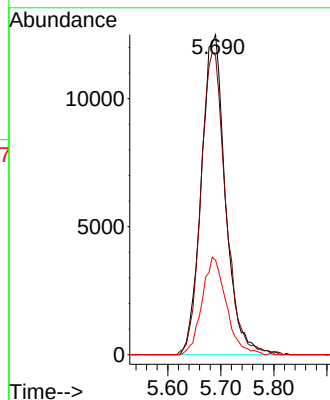
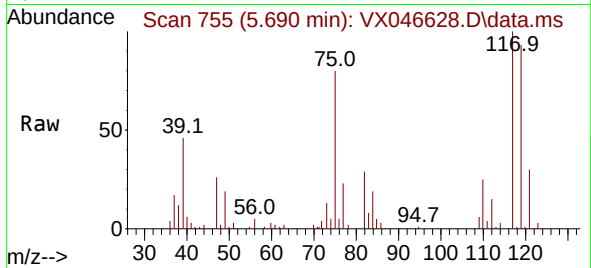




#33
Carbon Tetrachloride
Concen: 20.700 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

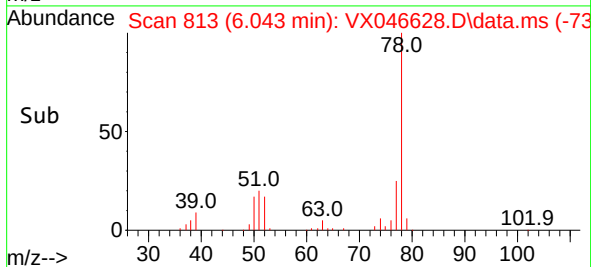
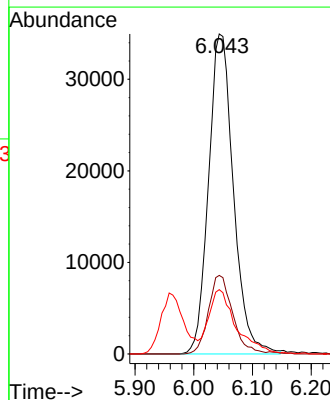
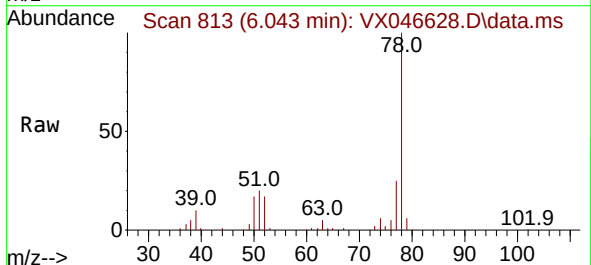
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

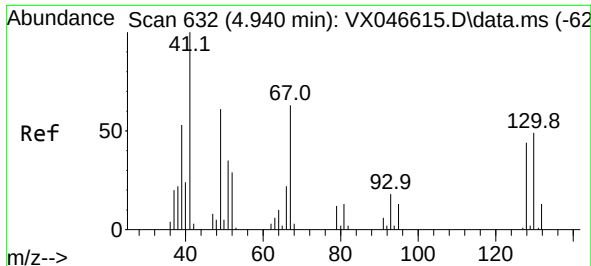
Tgt Ion:117 Resp: 39564
Ion Ratio Lower Upper
117 100
119 92.8 77.1 115.7
121 29.5 23.2 34.8



#34
Benzene
Concen: 20.087 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 78 Resp: 102859
Ion Ratio Lower Upper
78 100
77 24.6 19.8 29.8
51 19.8 14.7 22.1

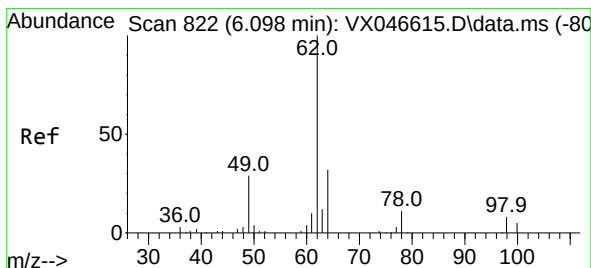
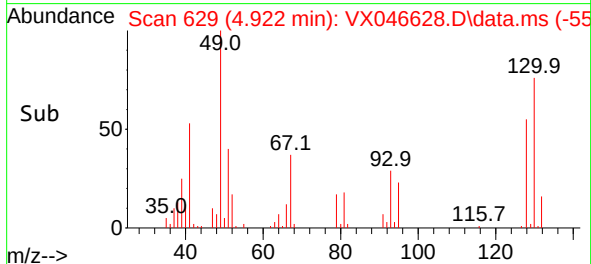
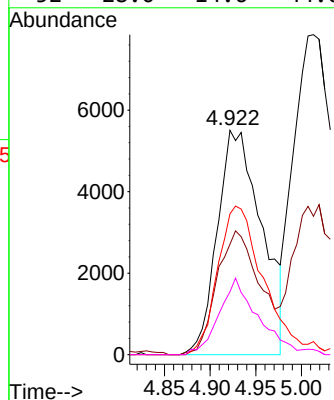
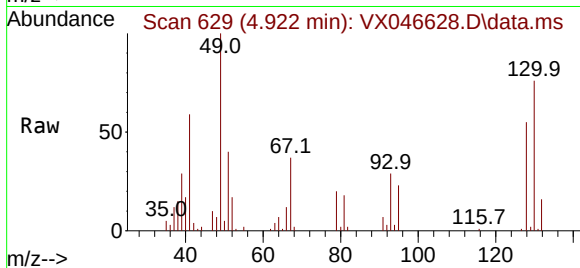




#35
Methacrylonitrile
Concen: 19.547 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

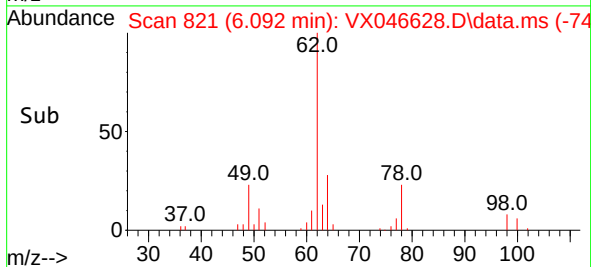
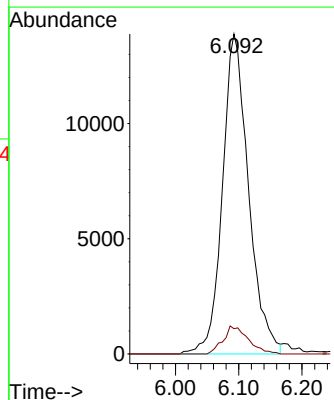
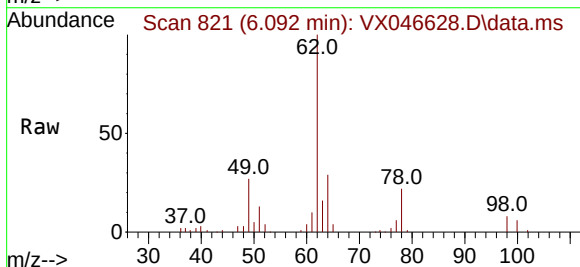
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

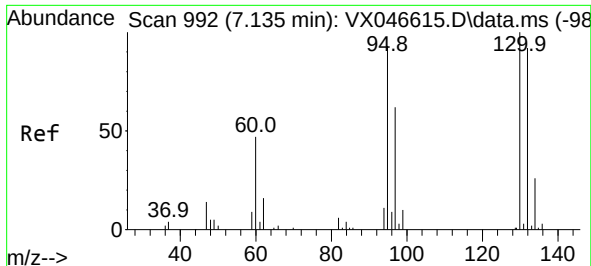
Tgt Ion: 41	Resp: 18615
Ion Ratio	Lower Upper
41 100	
39 49.2	26.4 79.2
67 62.8	31.4 94.3
52 28.0	14.6 44.0



#36
1,2-Dichloroethane
Concen: 20.516 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 62	Resp: 39747
Ion Ratio	Lower Upper
62 100	
98 8.4	6.5 9.7

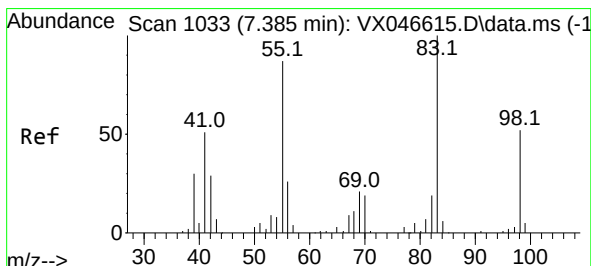
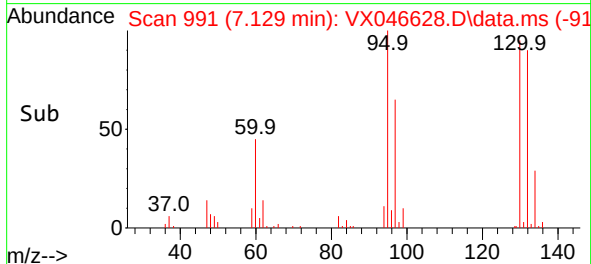
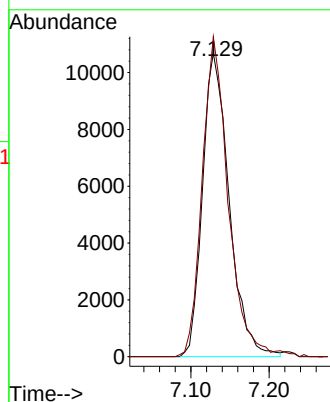
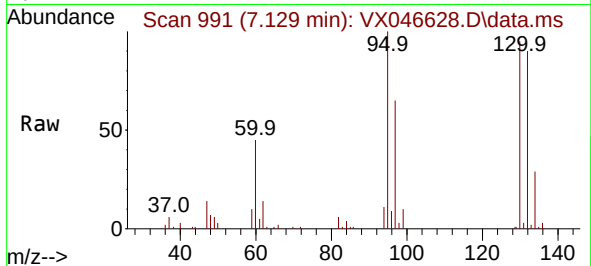




#37
Trichloroethene
Concen: 19.629 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

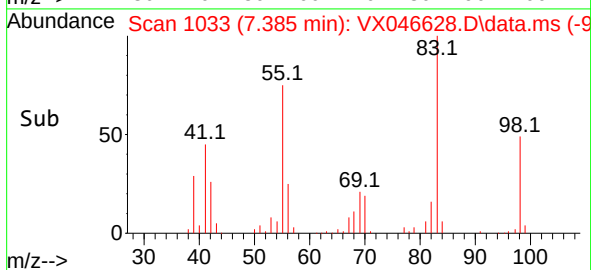
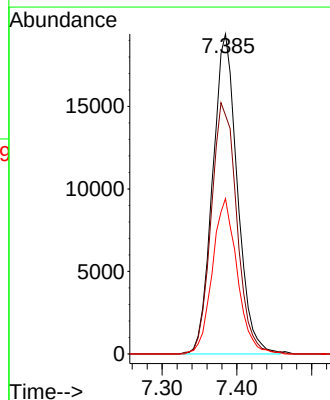
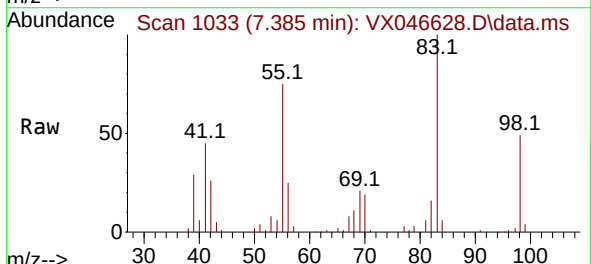
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

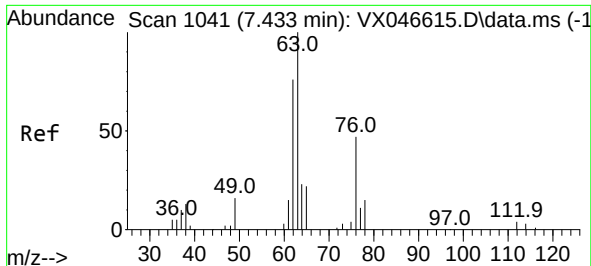
Tgt Ion:130 Resp: 25222
Ion Ratio Lower Upper
130 100
95 104.7 74.7 112.1



#38
Methylcyclohexane
Concen: 20.161 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 83 Resp: 44602
Ion Ratio Lower Upper
83 100
55 81.3 42.6 128.0
98 48.9 24.8 74.3





#39

1,2-Dichloropropane

Concen: 20.087 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX046628.D

Acq: 11 Jun 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

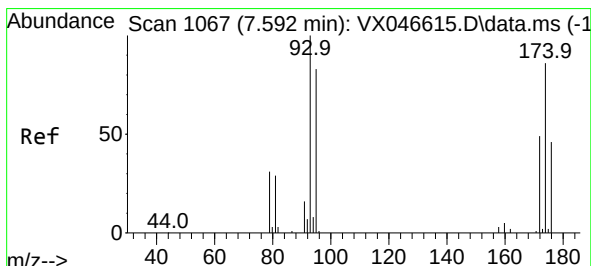
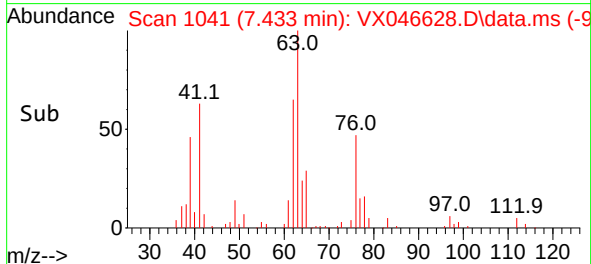
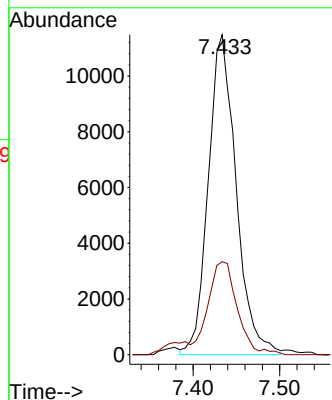
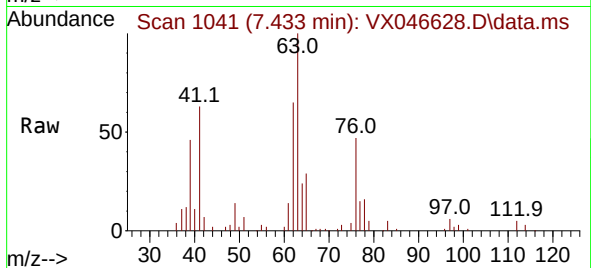
VSTDCCC020

Tgt Ion: 63 Resp: 25659

Ion Ratio Lower Upper

63 100

65 28.9 21.5 32.3



#40

Dibromomethane

Concen: 19.732 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.012 min

Lab File: VX046628.D

Acq: 11 Jun 2025 11:12

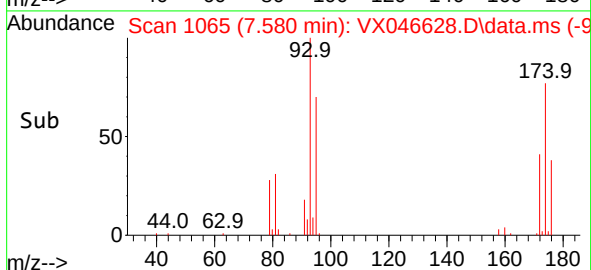
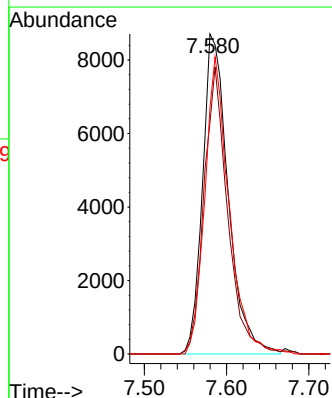
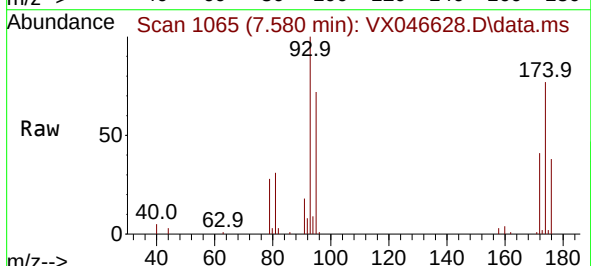
Tgt Ion: 93 Resp: 18843

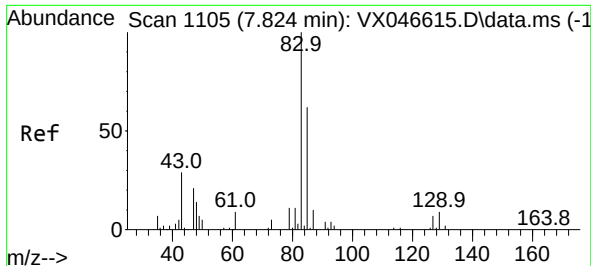
Ion Ratio Lower Upper

93 100

95 82.9 0.0 164.8

174 87.9 0.0 176.0

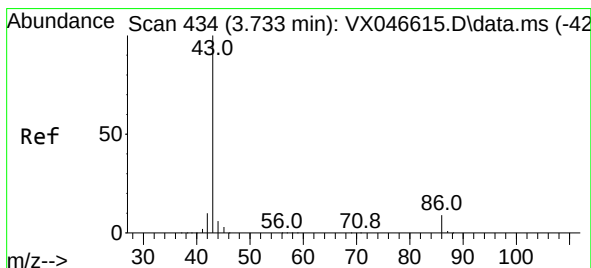
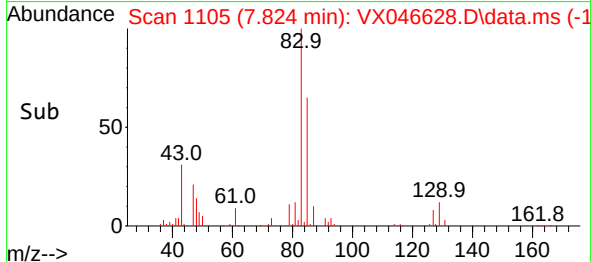
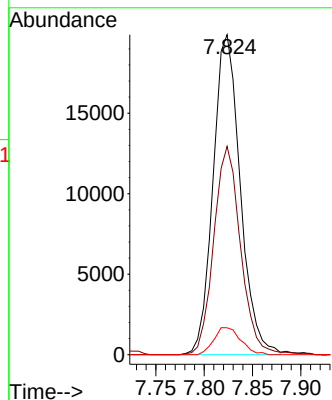
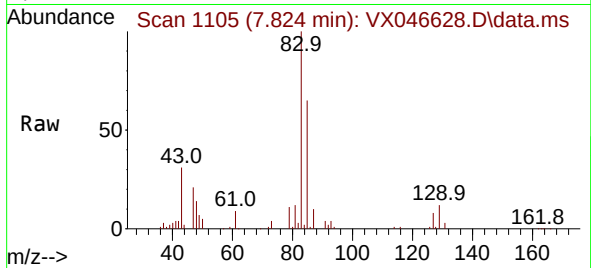




#41
Bromodichloromethane
Concen: 19.934 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

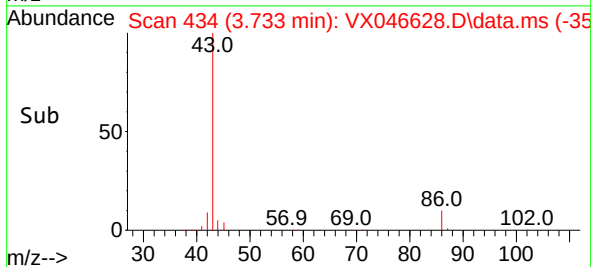
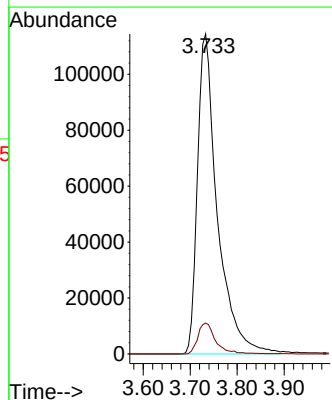
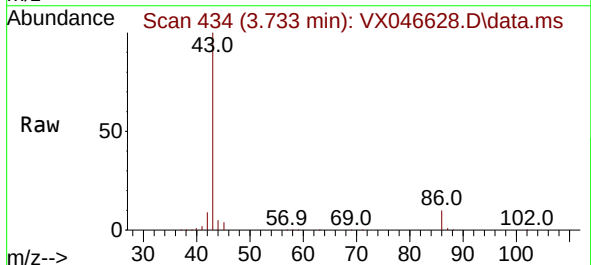
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

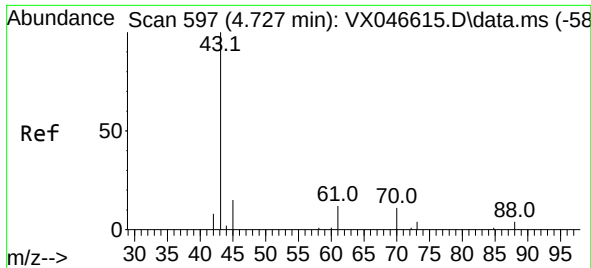
Tgt Ion: 83 Resp: 38780
Ion Ratio Lower Upper
83 100
85 65.1 49.8 74.6
127 9.7 5.5 8.3#



#42
Vinyl Acetate
Concen: 100.751 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 43 Resp: 337623
Ion Ratio Lower Upper
43 100
86 8.2 6.4 9.6

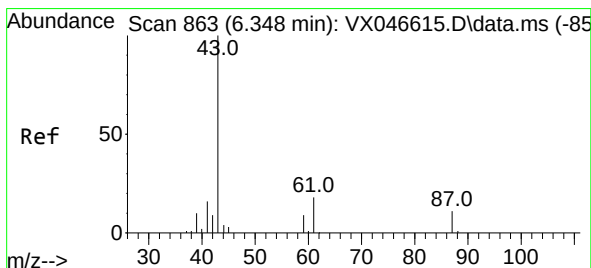
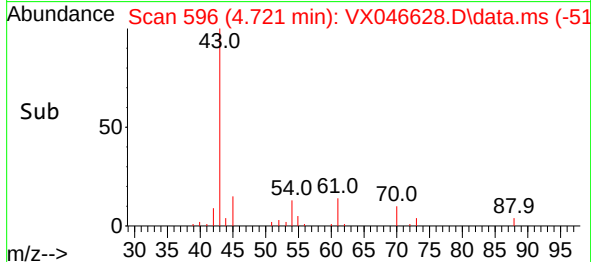
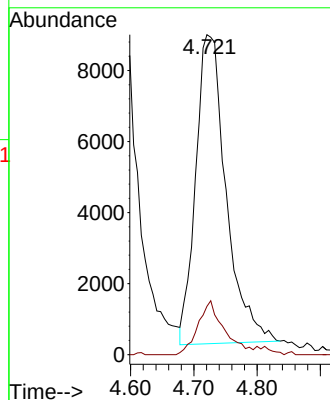
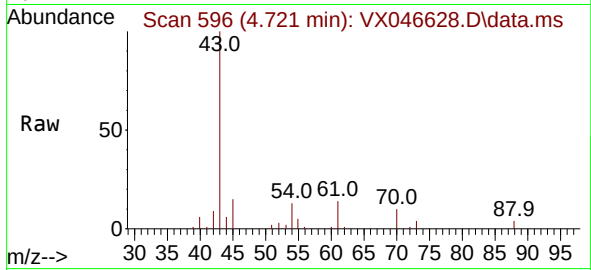




#43
Ethyl Acetate
Concen: 17.678 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

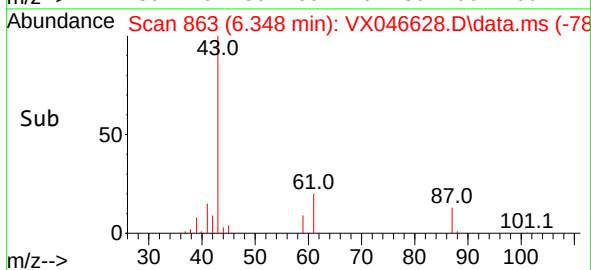
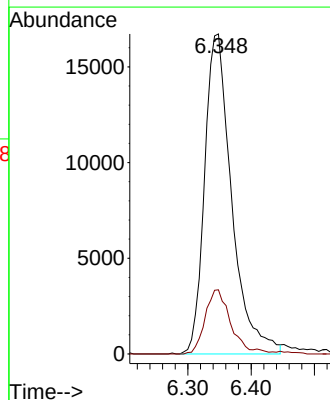
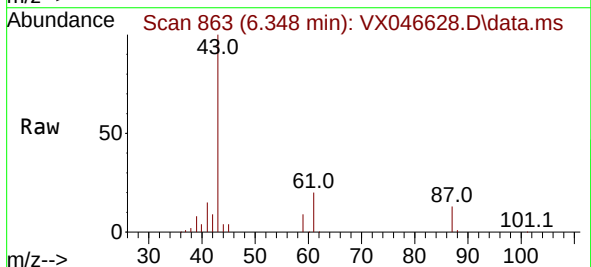
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

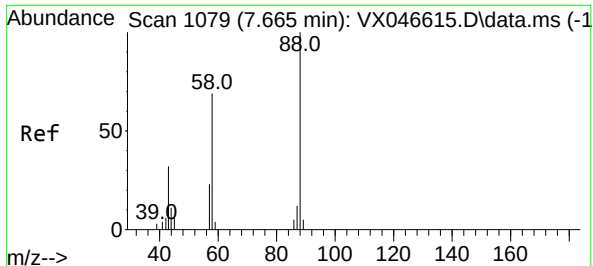
Tgt Ion: 43 Resp: 29081
Ion Ratio Lower Upper
43 100
45 15.1 7.9 11.9#



#44
Isopropyl Acetate
Concen: 19.357 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 43 Resp: 49810
Ion Ratio Lower Upper
43 100
61 18.4 15.0 22.4

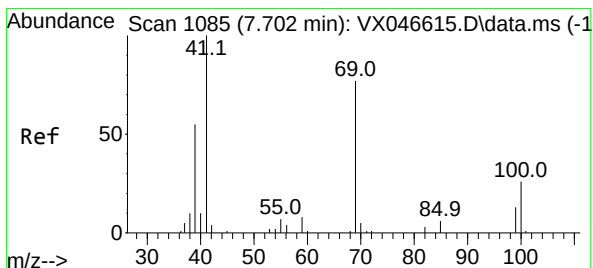
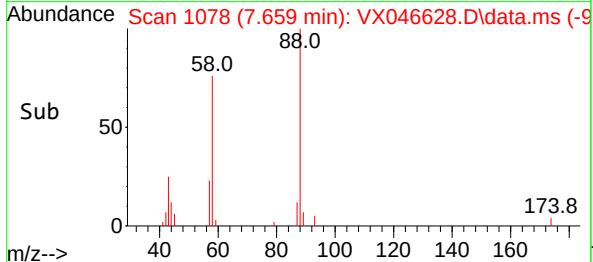
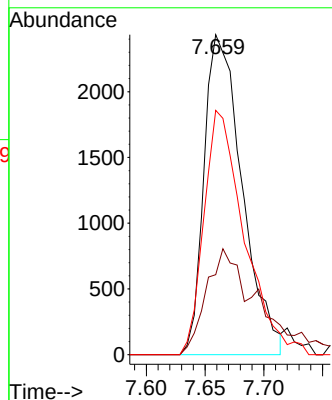
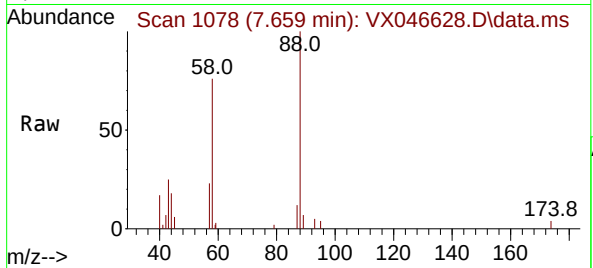




#45
1,4-Dioxane
Concen: 338.424 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

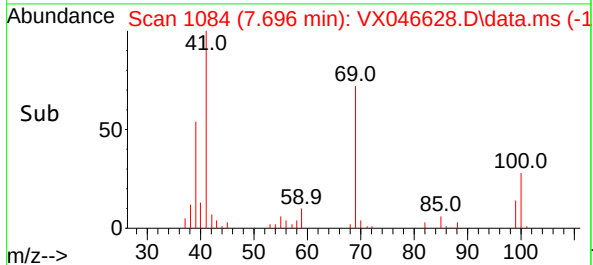
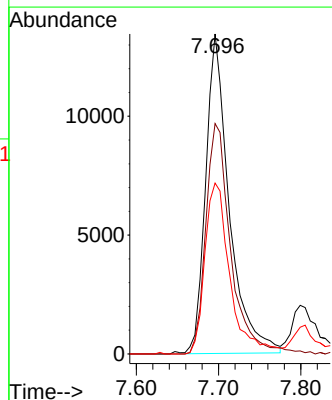
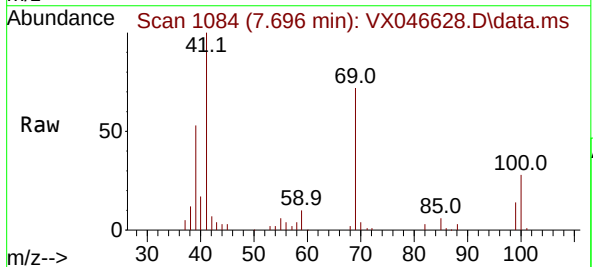
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

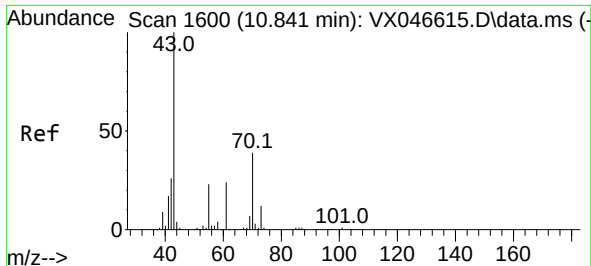
Tgt Ion: 88	Resp: 5493
Ion Ratio	Lower Upper
88 100	
43 28.9	21.6 32.4
58 79.7	60.8 91.2



#46
Methyl methacrylate
Concen: 19.051 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 41	Resp: 26767
Ion Ratio	Lower Upper
41 100	
69 72.3	38.7 116.1
39 53.6	27.7 83.1

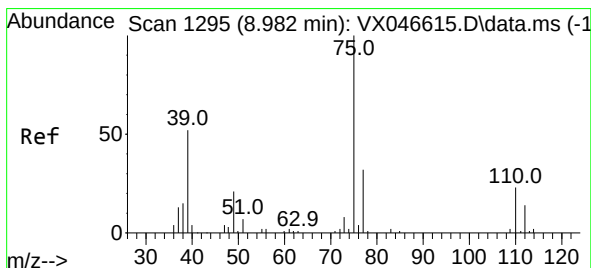
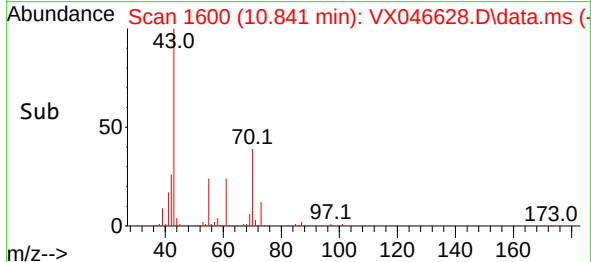
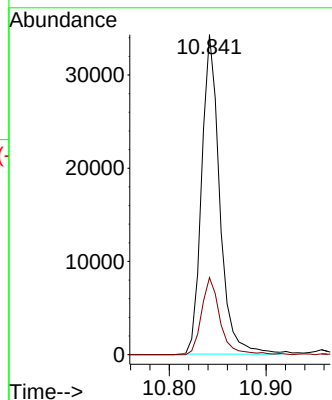
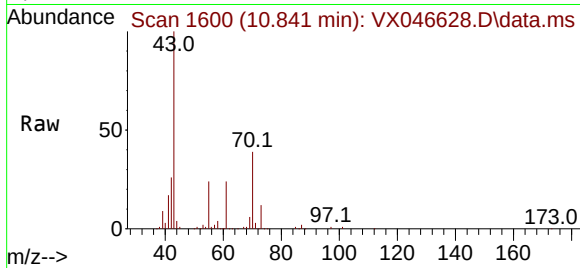




#47
n-amy1 Acetate
Concen: 19.360 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

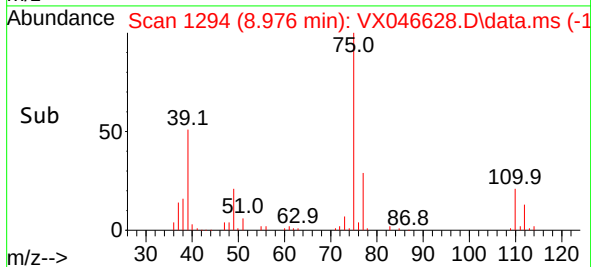
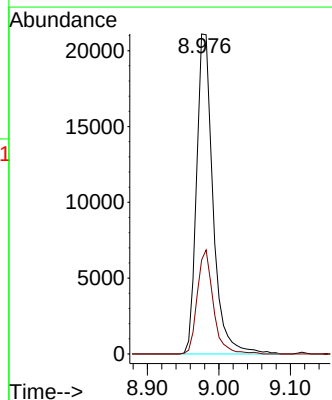
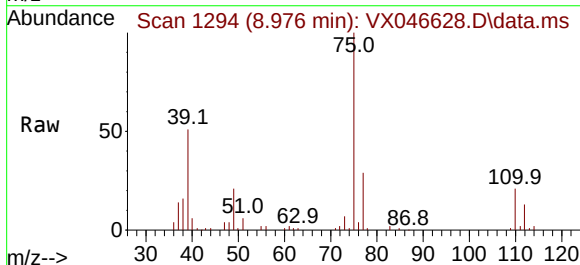
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

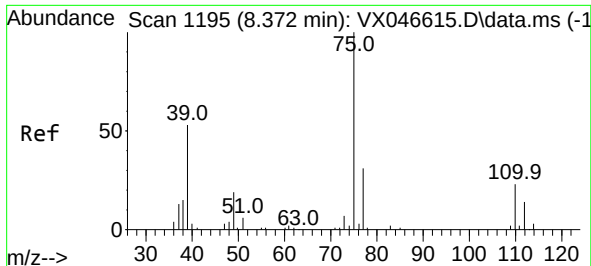
Tgt Ion: 43 Resp: 44560
Ion Ratio Lower Upper
43 100
55 24.3 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 19.387 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 75 Resp: 33811
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 19.585 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX046628.D

Acq: 11 Jun 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

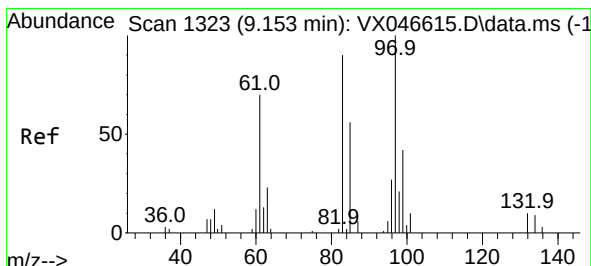
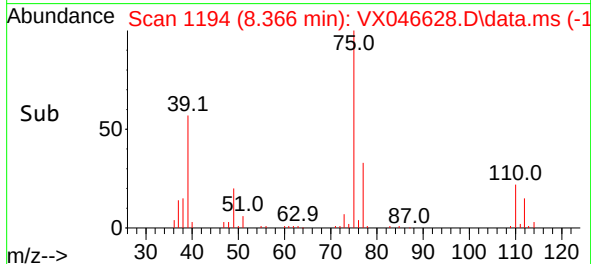
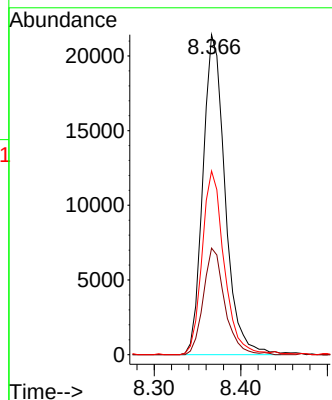
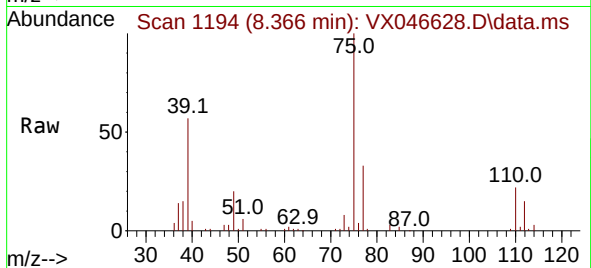
Tgt Ion: 75 Resp: 38134

Ion Ratio Lower Upper

75 100

77 33.3 24.6 36.8

39 57.4 42.7 64.1



#50

1,1,2-Trichloroethane

Concen: 20.006 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX046628.D

Acq: 11 Jun 2025 11:12

Tgt Ion: 97 Resp: 24078

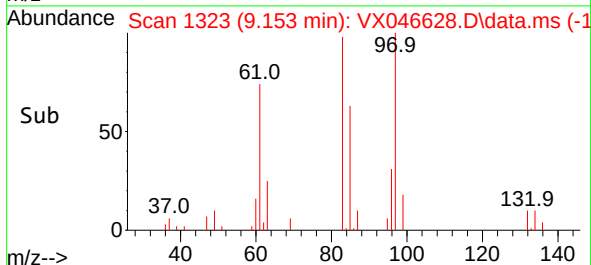
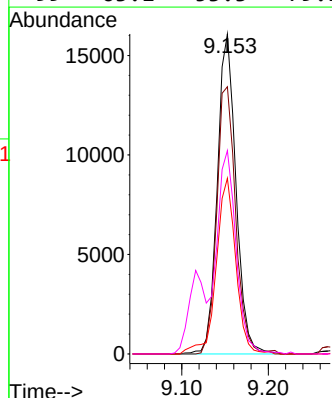
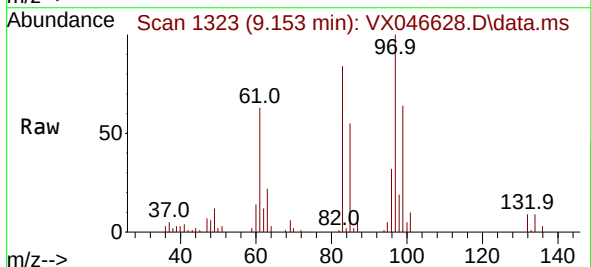
Ion Ratio Lower Upper

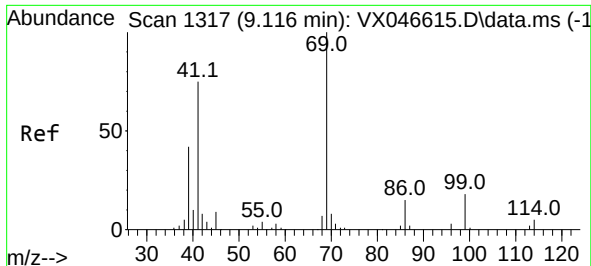
97 100

83 83.5 72.1 108.1

85 54.9 47.5 71.3

99 63.1 53.3 79.9

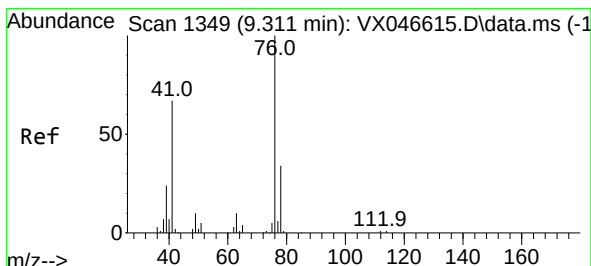
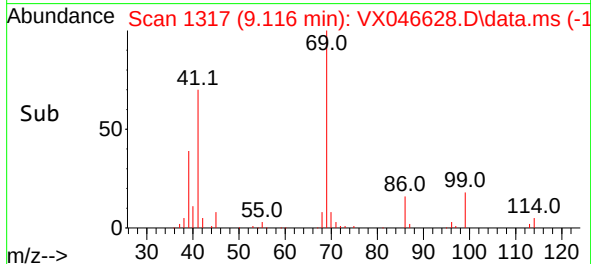
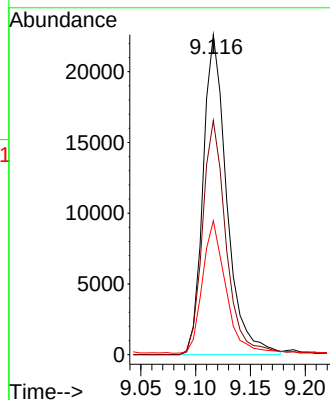
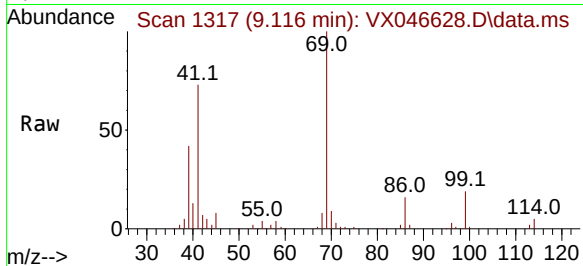




#51
Ethyl methacrylate
Concen: 18.591 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

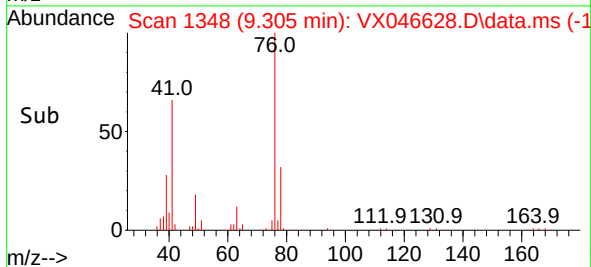
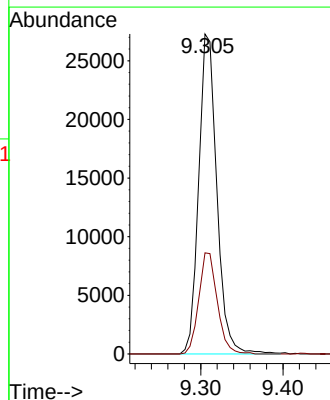
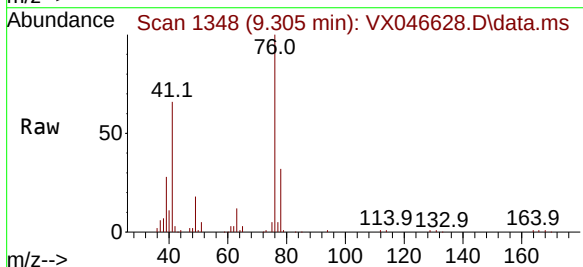
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

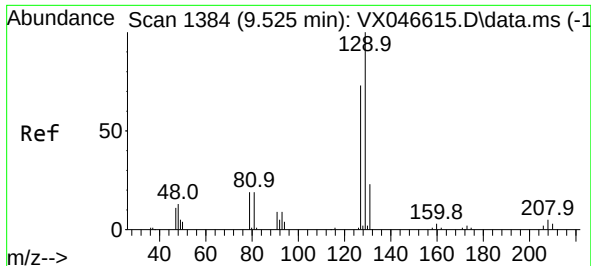
Tgt Ion: 69 Resp: 34021
Ion Ratio Lower Upper
69 100
41 73.2 37.4 112.2
39 41.4 20.8 62.5



#52
1,3-Dichloropropane
Concen: 19.928 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 76 Resp: 41775
Ion Ratio Lower Upper
76 100
78 32.2 0.0 62.6

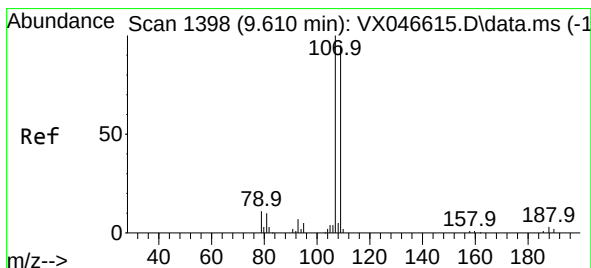
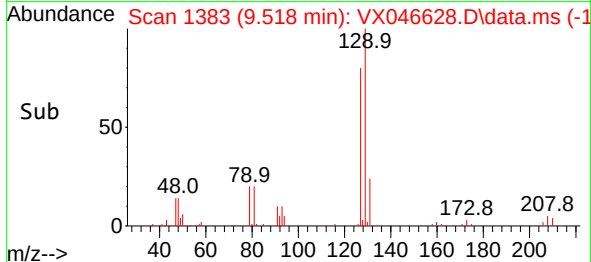
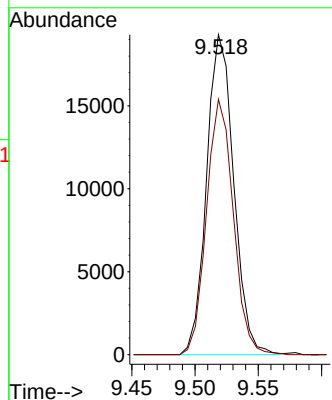
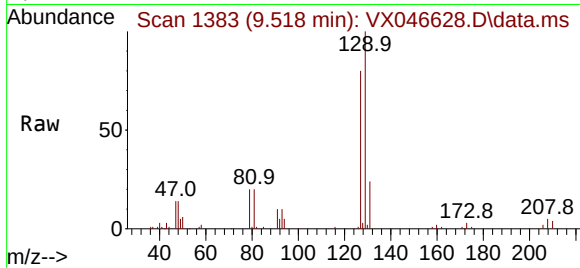




#53
Dibromochloromethane
Concen: 20.316 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

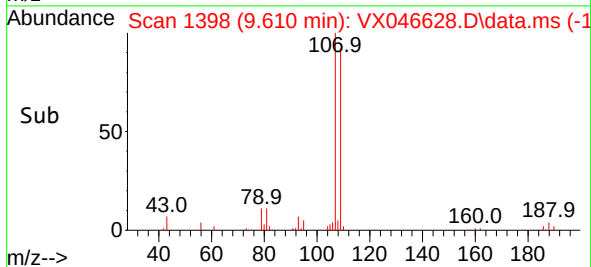
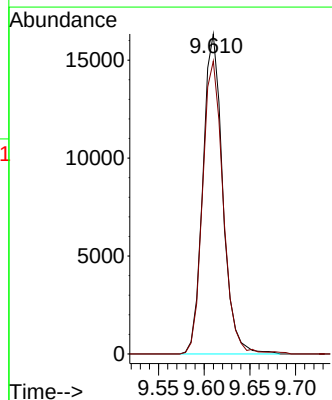
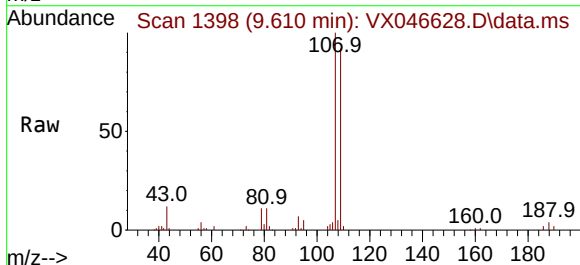
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

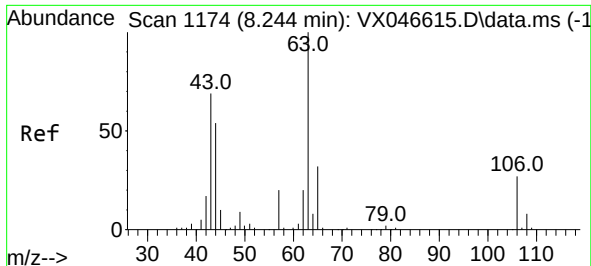
Tgt Ion:129 Resp: 28819
Ion Ratio Lower Upper
129 100
127 78.8 38.3 114.9



#54
1,2-Dibromoethane
Concen: 19.458 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion:107 Resp: 24633
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.8

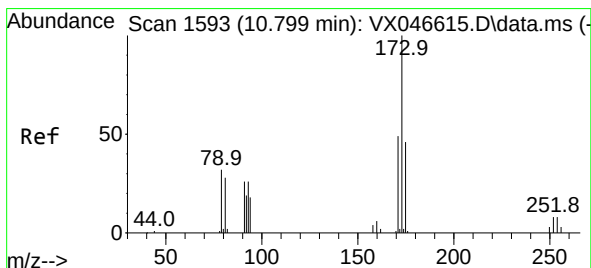
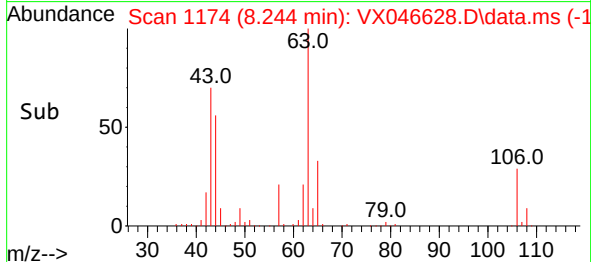
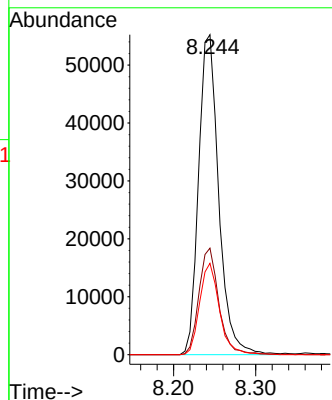
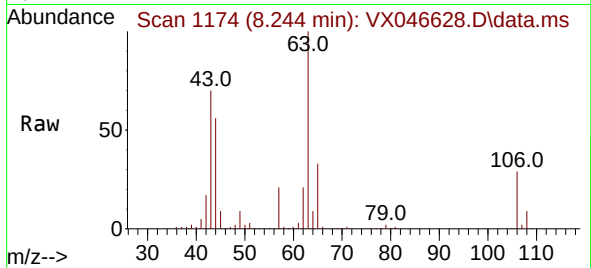




#55
2-Chloroethyl vinyl ether
Concen: 98.440 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

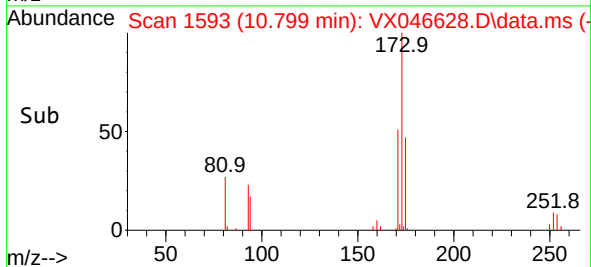
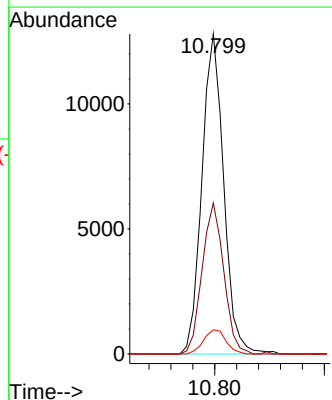
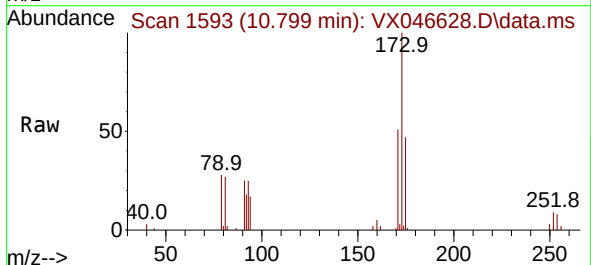
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

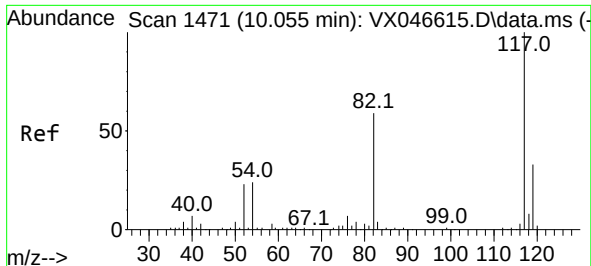
Tgt Ion:	63	Resp:	94081
Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.2	37.8
106	28.0	21.8	32.6



#56
Bromoform
Concen: 20.140 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion:	173	Resp:	17656
Ion	Ratio	Lower	Upper
173	100		
175	46.7	38.0	57.0
254	7.8	6.7	10.1

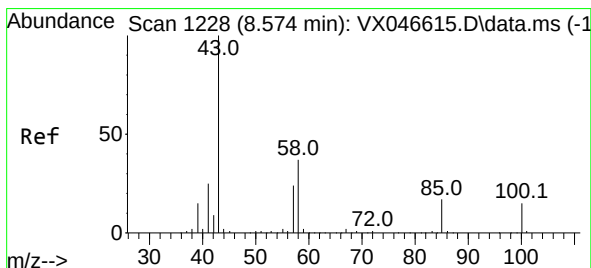
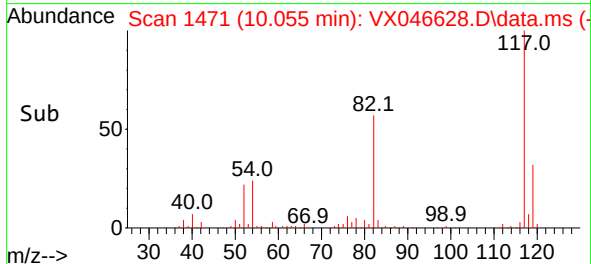
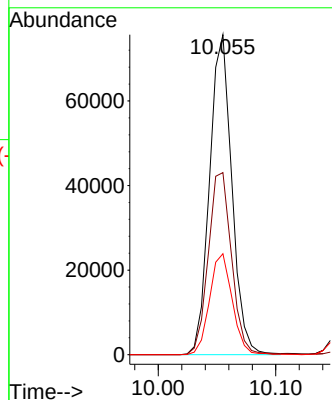
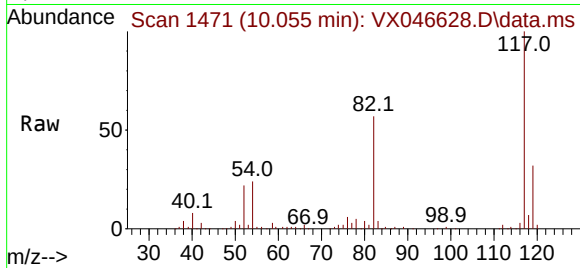




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

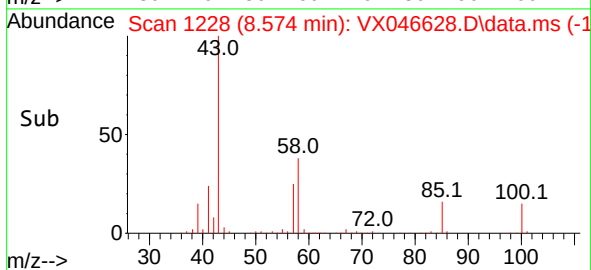
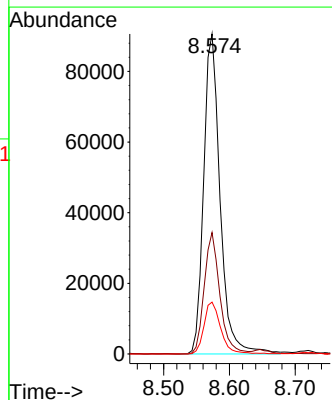
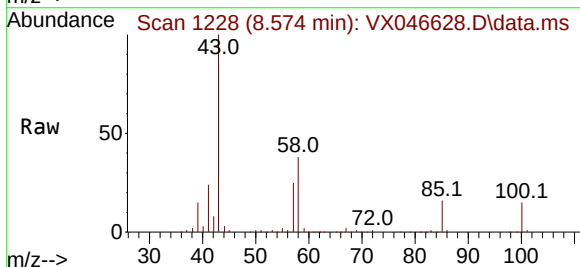
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

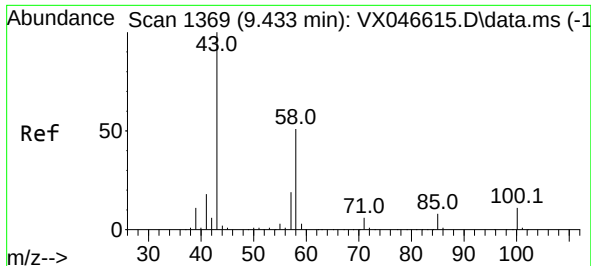
Tgt Ion:117 Resp: 99656
Ion Ratio Lower Upper
117 100
82 59.6 46.5 69.7
119 32.0 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 97.307 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 43 Resp: 157737
Ion Ratio Lower Upper
43 100
58 36.1 29.4 44.2
85 16.3 13.3 19.9





#59

2-Hexanone

Concen: 92.866 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX046628.D

Acq: 11 Jun 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

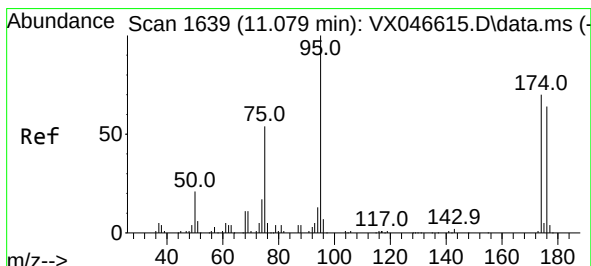
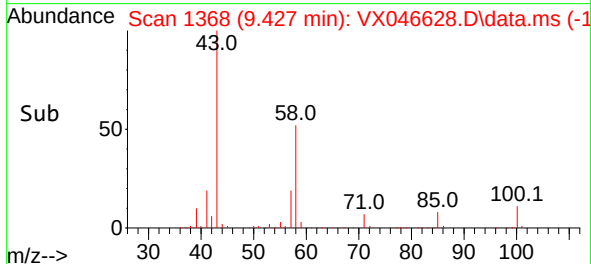
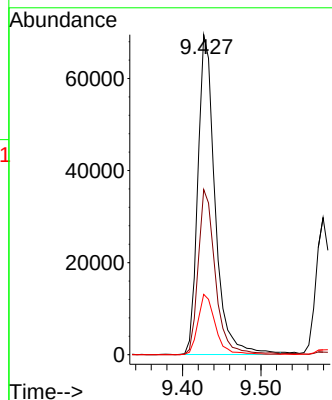
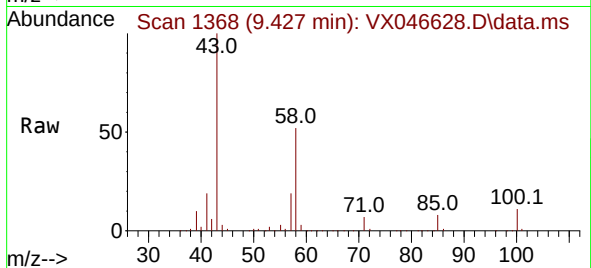
Tgt Ion: 43 Resp: 106198

Ion Ratio Lower Upper

43 100

58 51.6 39.8 59.8

57 18.6 14.5 21.7



#60

4-Bromofluorobenzene

Concen: 30.633 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX046628.D

Acq: 11 Jun 2025 11:12

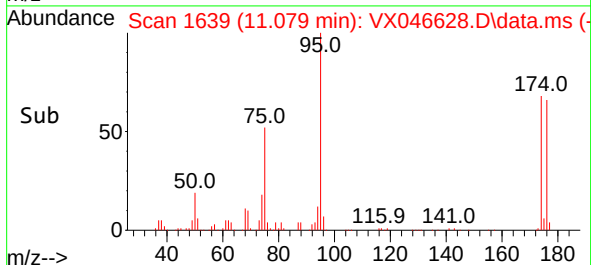
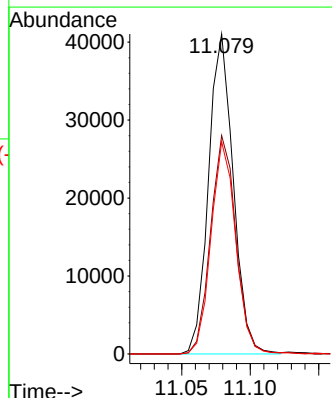
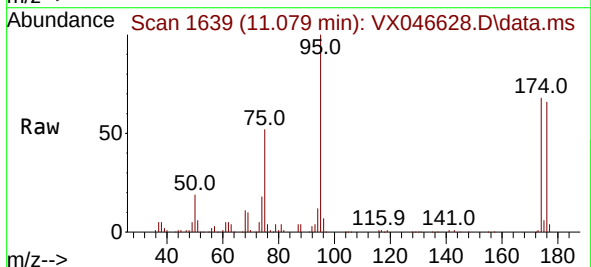
Tgt Ion: 95 Resp: 51455

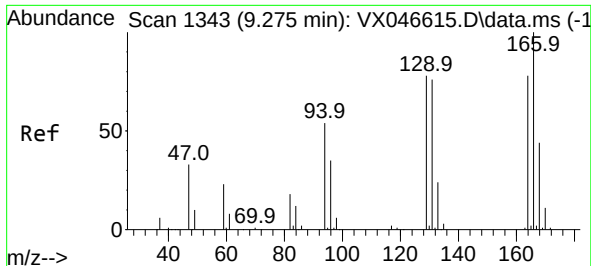
Ion Ratio Lower Upper

95 100

174 69.6 56.0 84.0

176 66.2 52.2 78.4

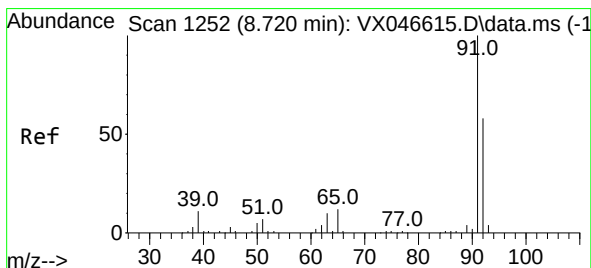
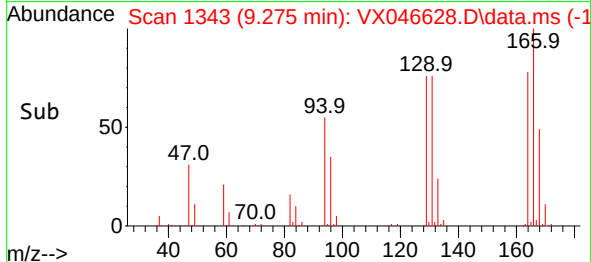
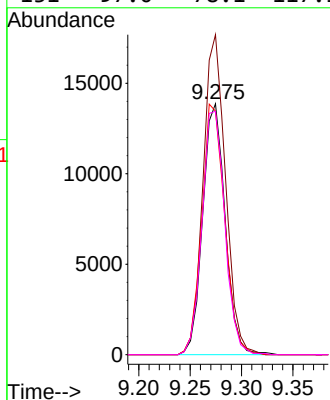
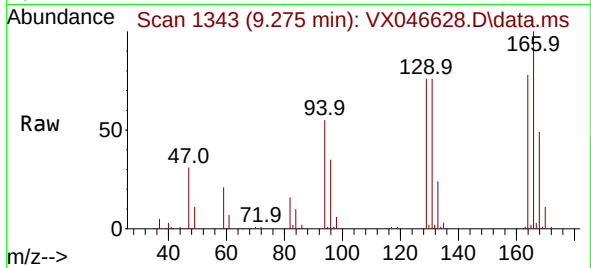




#61
Tetrachloroethene
Concen: 20.169 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

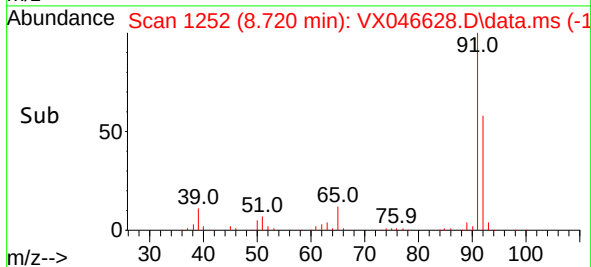
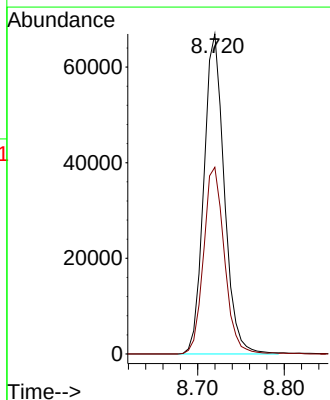
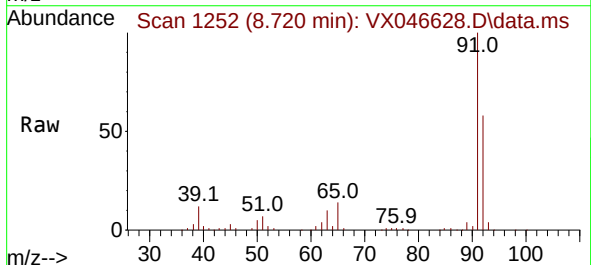
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

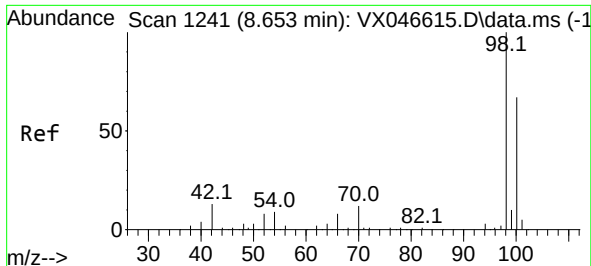
Tgt Ion:164 Resp: 21065
Ion Ratio Lower Upper
164 100
166 127.5 103.1 154.7
129 97.0 80.3 120.5
131 97.0 78.1 117.1



#62
Toluene
Concen: 20.261 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 91 Resp: 109424
Ion Ratio Lower Upper
91 100
92 59.5 46.8 70.2

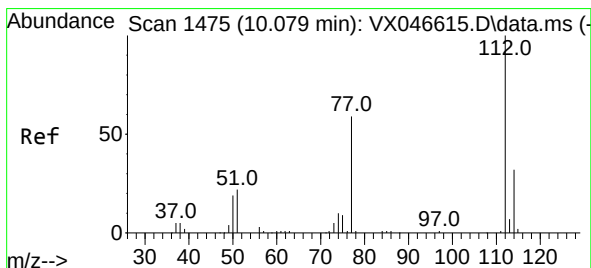
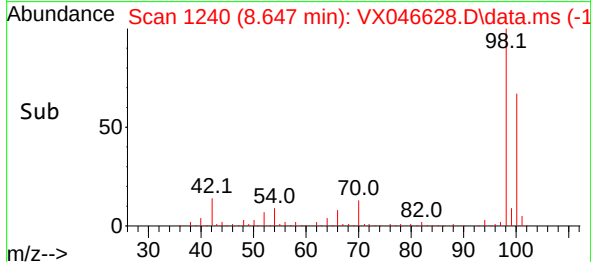
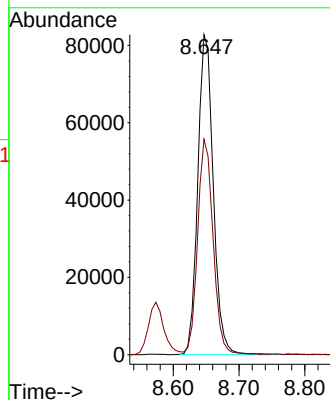
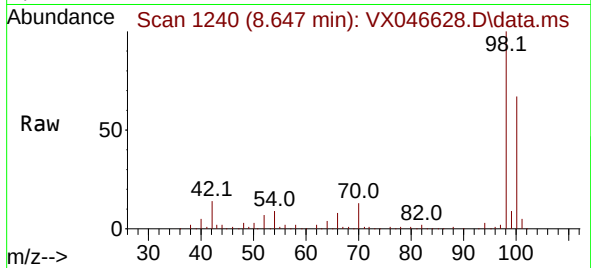




#63
Toluene-d8
Concen: 30.459 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

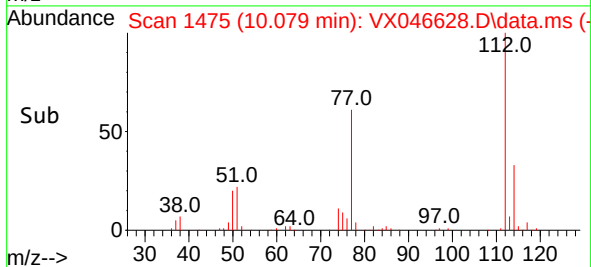
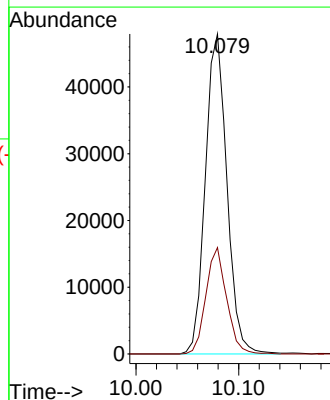
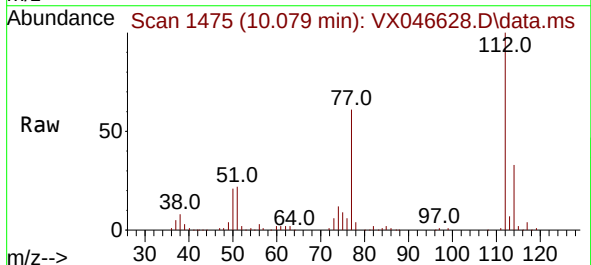
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

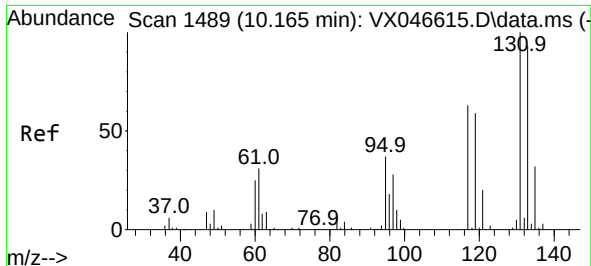
Tgt Ion: 98 Resp: 135584
Ion Ratio Lower Upper
98 100
100 67.2 52.6 79.0



#64
Chlorobenzene
Concen: 20.067 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 112 Resp: 69901
Ion Ratio Lower Upper
112 100
114 33.2 25.4 38.0

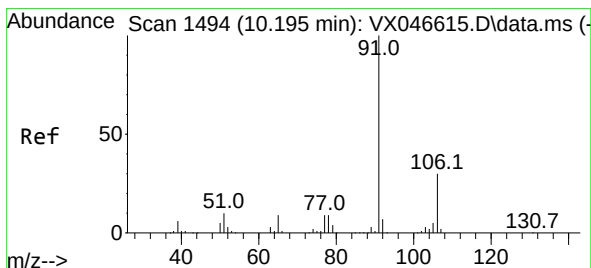
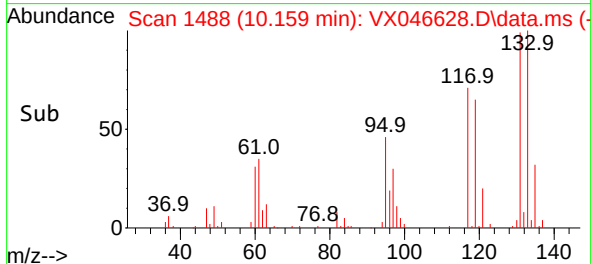
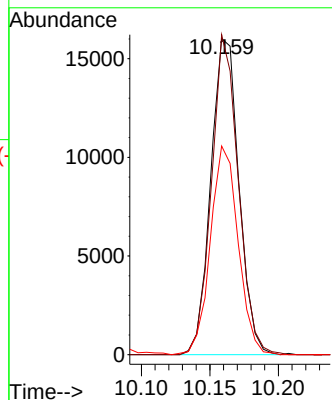
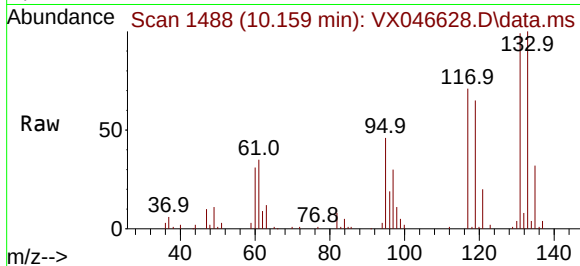




#65
1,1,1,2-Tetrachloroethane
Concen: 19.599 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

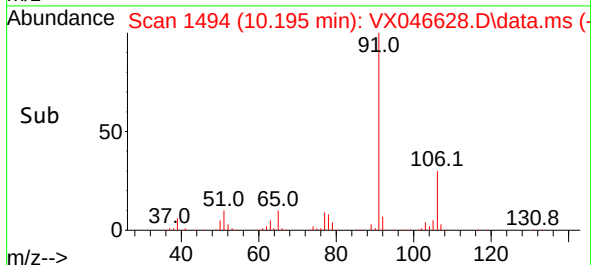
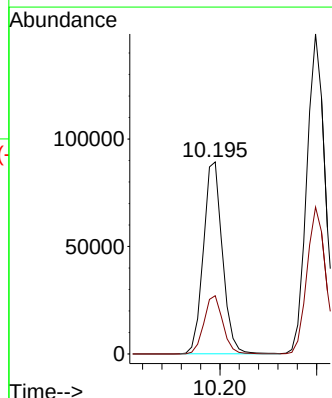
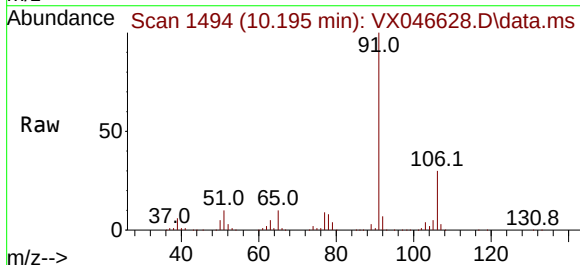
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

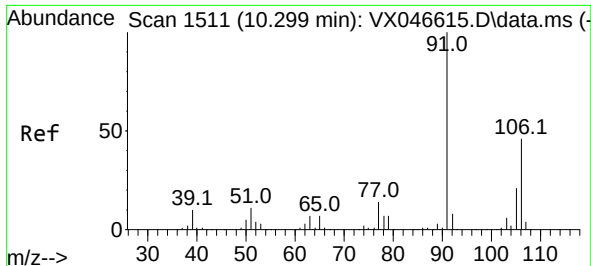
Tgt Ion:131 Resp: 22881
Ion Ratio Lower Upper
131 100
133 96.2 0.0 190.6
119 65.0 0.0 131.2



#66
Ethyl Benzene
Concen: 19.829 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 91 Resp: 122281
Ion Ratio Lower Upper
91 100
106 30.3 23.9 35.9





#67

m/p-Xylenes

Concen: 40.142 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX046628.D

Acq: 11 Jun 2025 11:12

Instrument :

MSVOA_X

ClientSampleId :

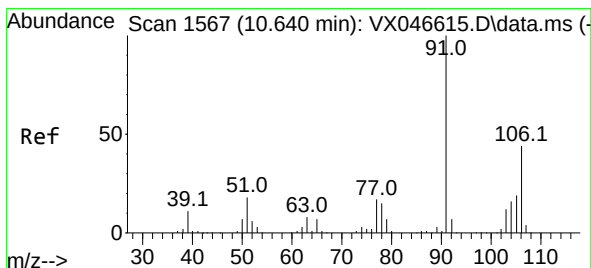
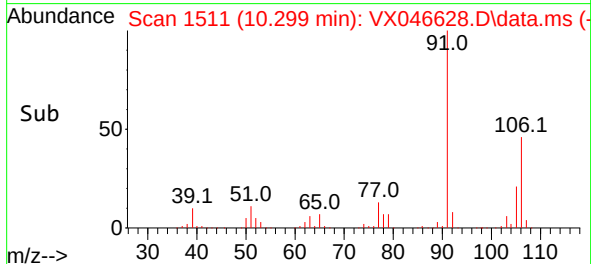
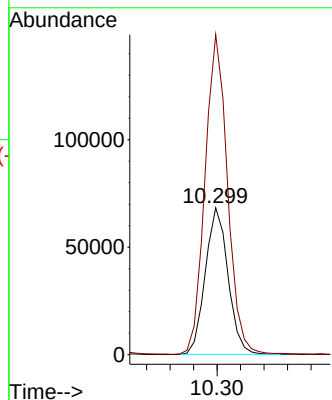
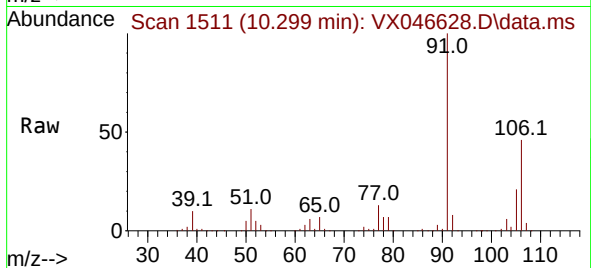
VSTDCCC020

Tgt Ion:106 Resp: 91561

Ion Ratio Lower Upper

106 100

91 216.2 171.5 257.3



#68

o-Xylene

Concen: 19.910 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX046628.D

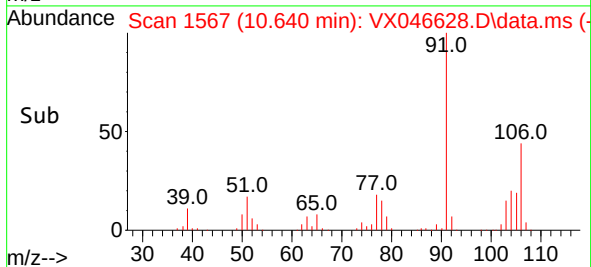
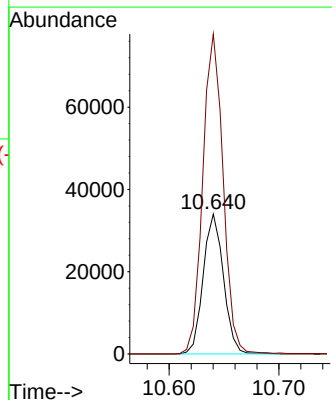
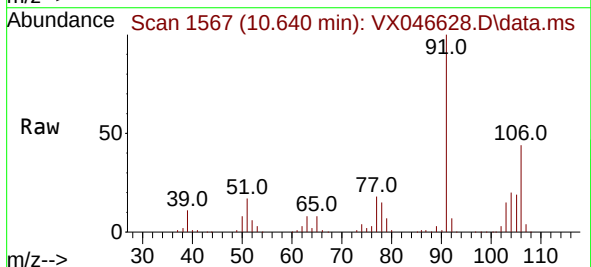
Acq: 11 Jun 2025 11:12

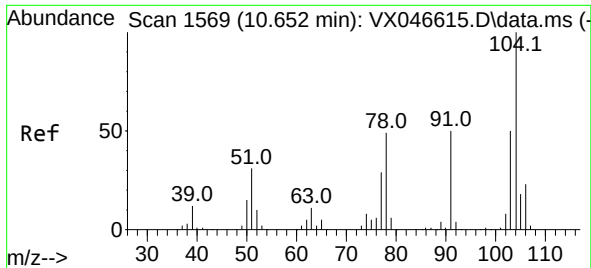
Tgt Ion:106 Resp: 43725

Ion Ratio Lower Upper

106 100

91 229.7 112.3 336.9

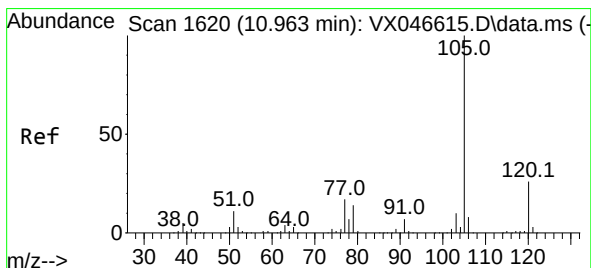
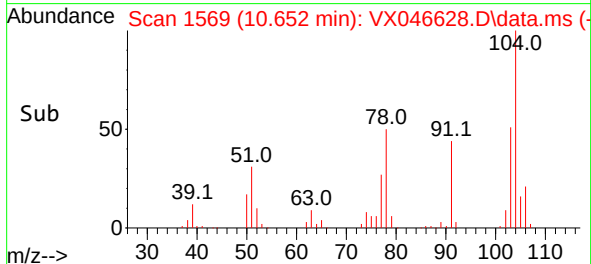
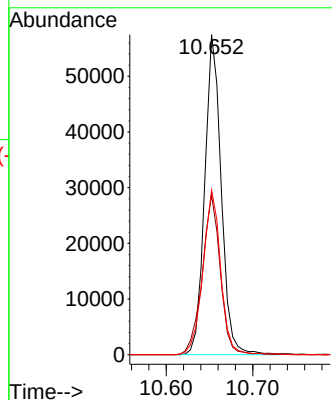
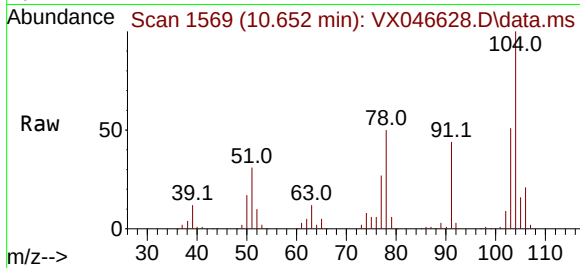




#69
Styrene
Concen: 20.216 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

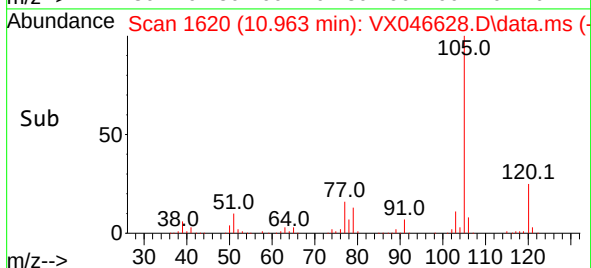
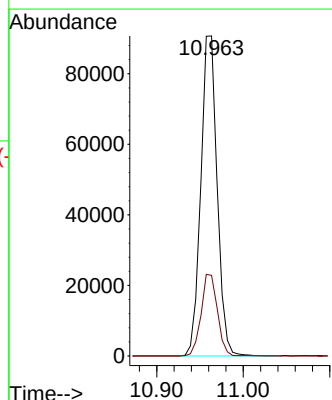
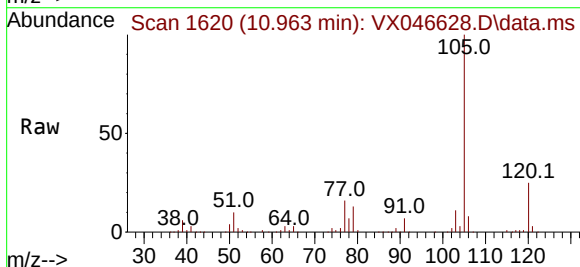
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

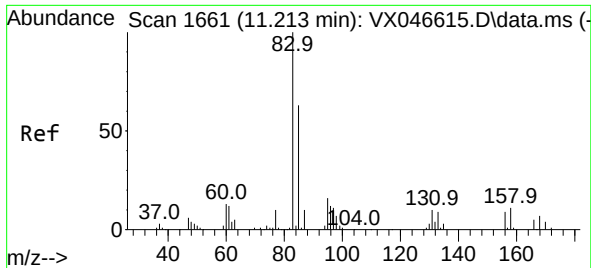
Tgt Ion:104 Resp: 76101
Ion Ratio Lower Upper
104 100
78 54.5 43.1 64.7
103 54.9 42.9 64.3



#70
Isopropylbenzene
Concen: 20.200 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion:105 Resp: 119056
Ion Ratio Lower Upper
105 100
120 25.3 18.1 33.5

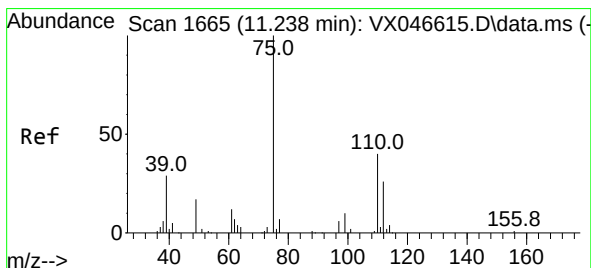
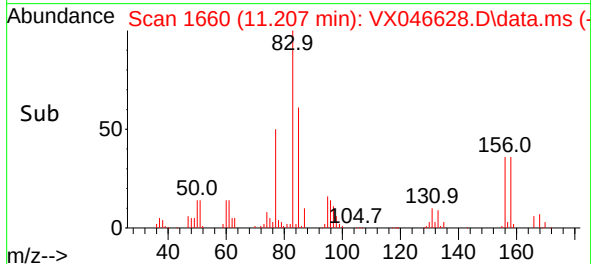
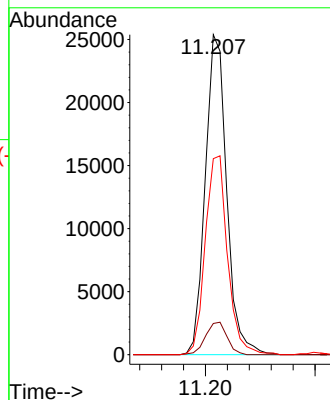
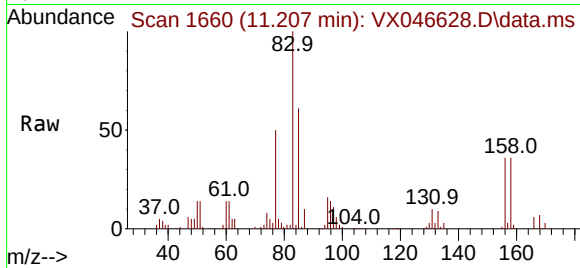




#71
1,1,2,2-Tetrachloroethane
Concen: 19.850 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

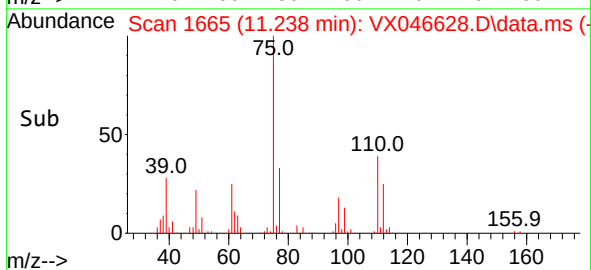
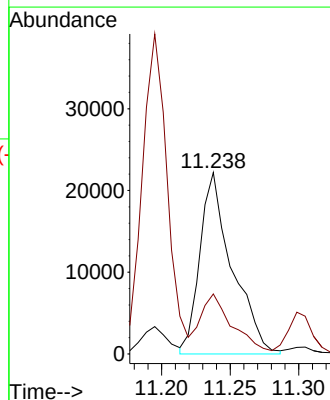
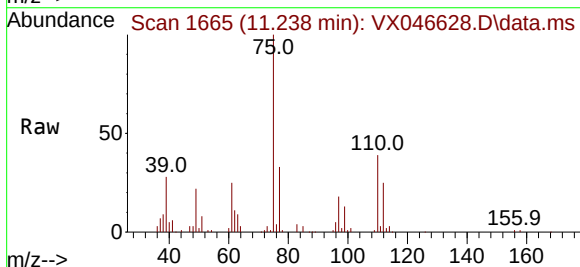
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

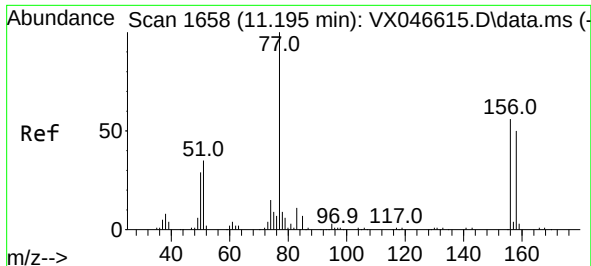
Tgt Ion: 83 Resp: 34367
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 64.5 31.5 94.5



#72
1,2,3-Trichloropropane
Concen: 25.197 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 75 Resp: 36419
Ion Ratio Lower Upper
75 100
77 32.9 0.0 82.6

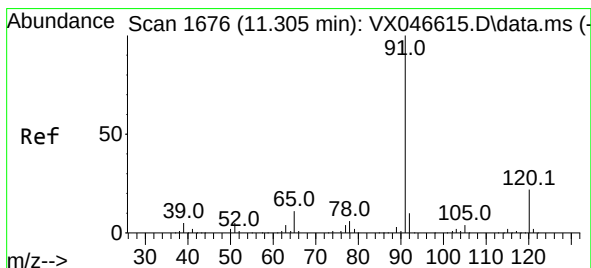
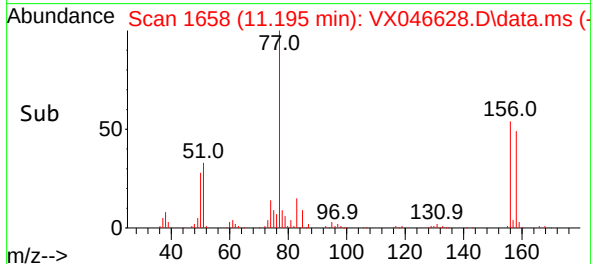
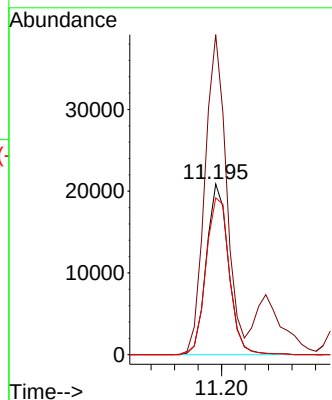
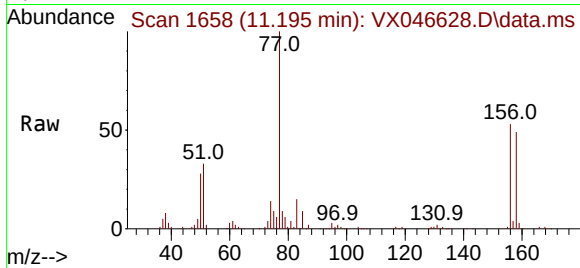




#73
Bromobenzene
Concen: 19.766 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

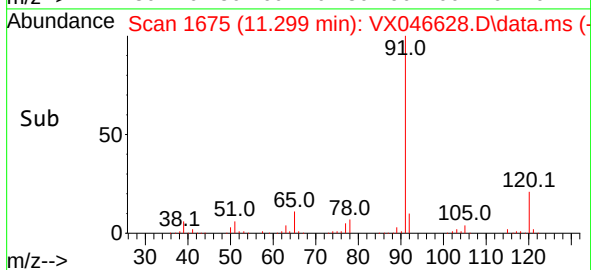
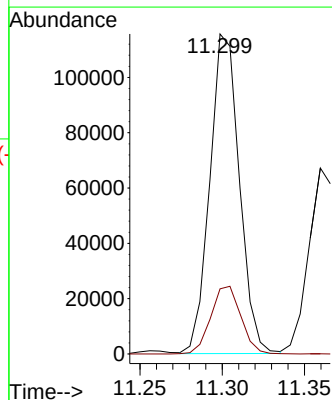
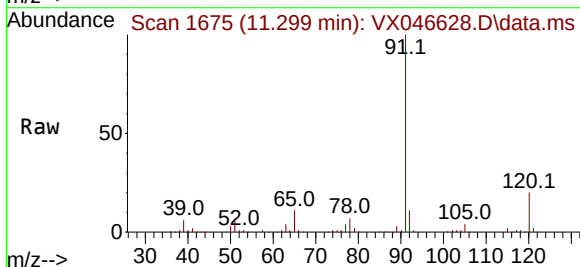
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

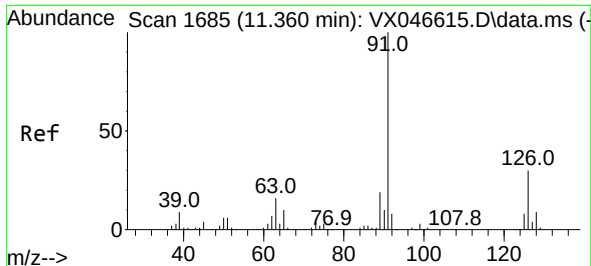
Tgt Ion:156 Resp: 27307
Ion Ratio Lower Upper
156 100
77 181.5 0.0 358.6
158 97.7 0.0 192.0



#74
n-propylbenzene
Concen: 20.504 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 91 Resp: 144502
Ion Ratio Lower Upper
91 100
120 21.6 0.0 43.8

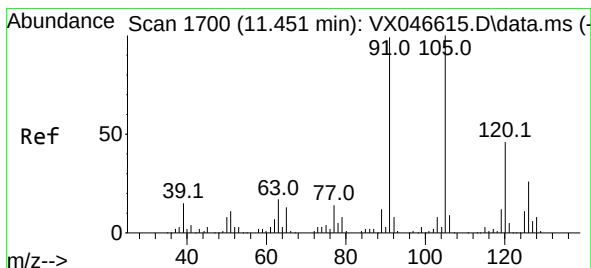
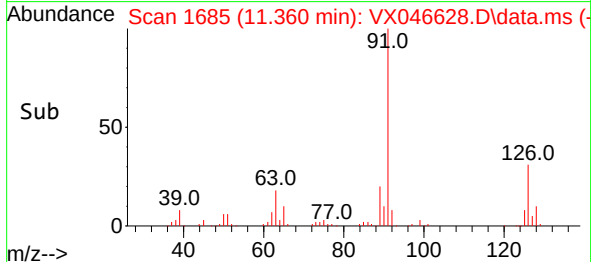
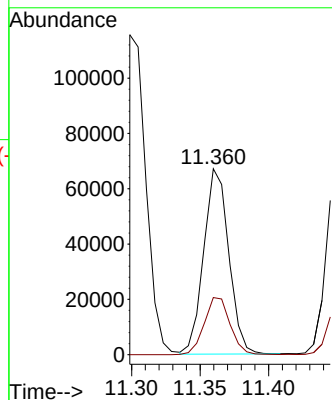
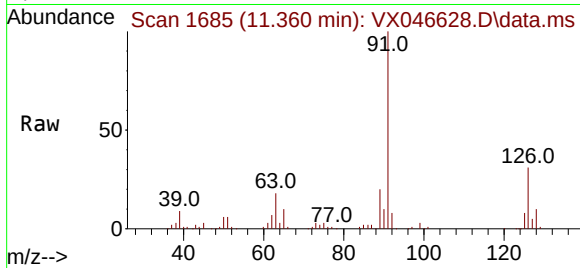




#75
2-Chlorotoluene
Concen: 20.207 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

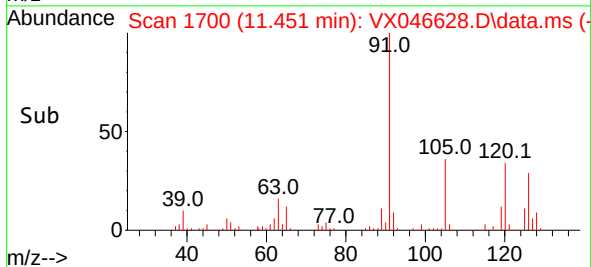
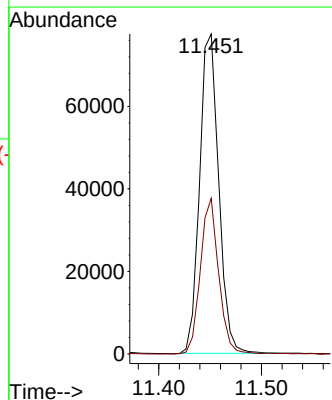
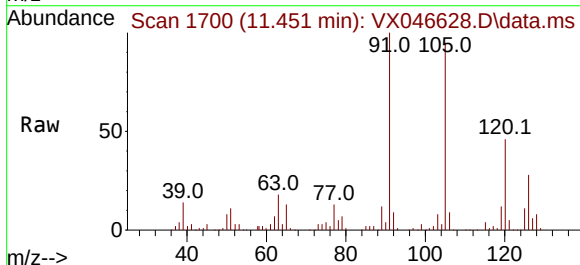
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

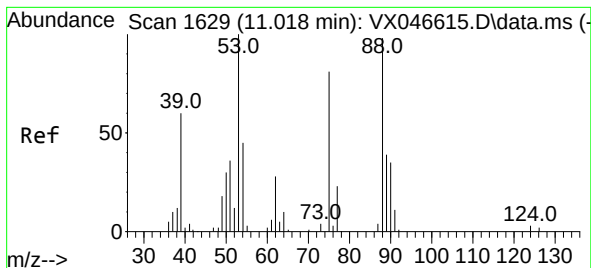
Tgt Ion: 91 Resp: 85256
Ion Ratio Lower Upper
91 100
126 31.8 0.0 63.0



#76
1,3,5-Trimethylbenzene
Concen: 20.453 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 105 Resp: 100155
Ion Ratio Lower Upper
105 100
120 46.3 0.0 92.8

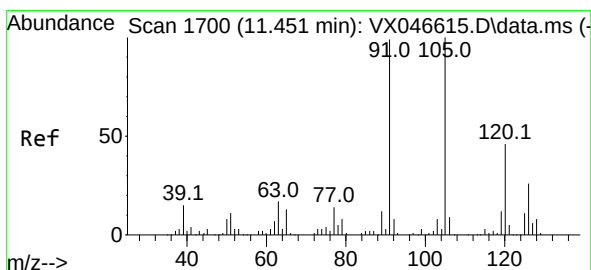
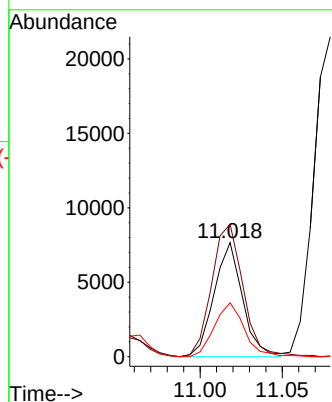
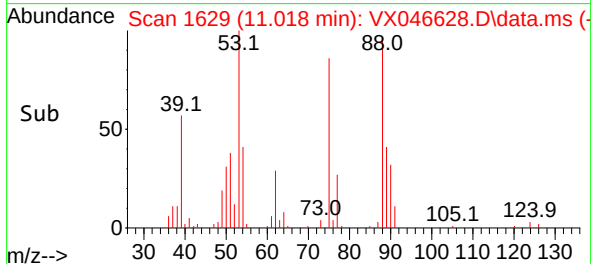
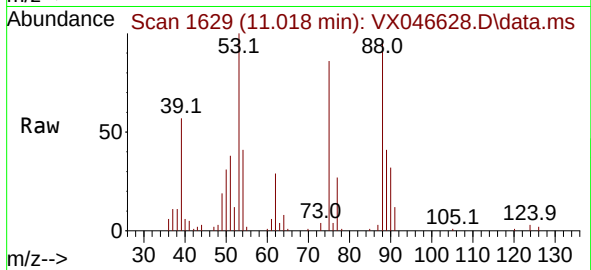




#77
t-1,4-Dichloro-2-butene
Concen: 18.871 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

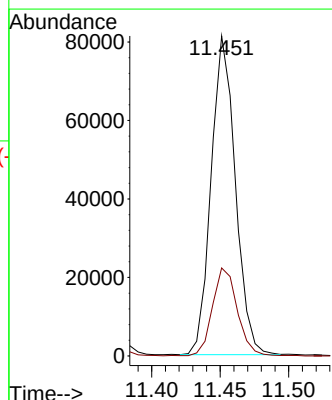
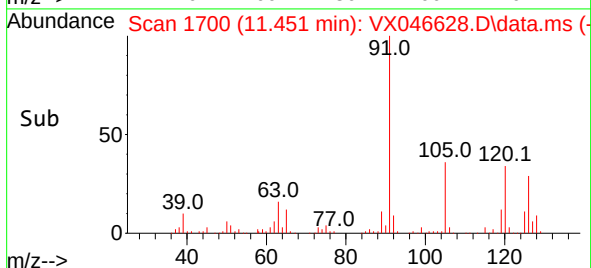
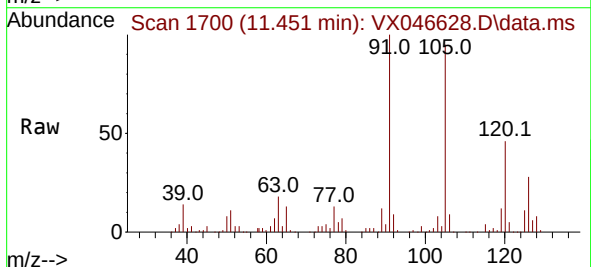
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

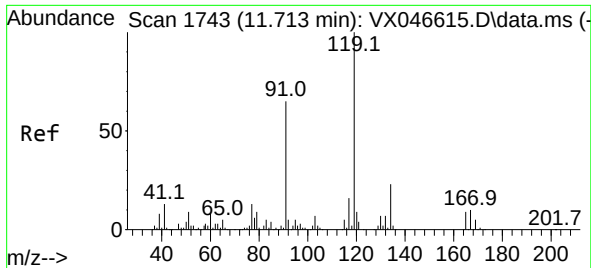
Tgt Ion: 75 Resp: 9214
Ion Ratio Lower Upper
75 100
53 116.1 61.9 185.7
89 47.3 24.0 72.0



#78
4-Chlorotoluene
Concen: 20.420 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 91 Resp: 99675
Ion Ratio Lower Upper
91 100
126 28.1 0.0 55.0

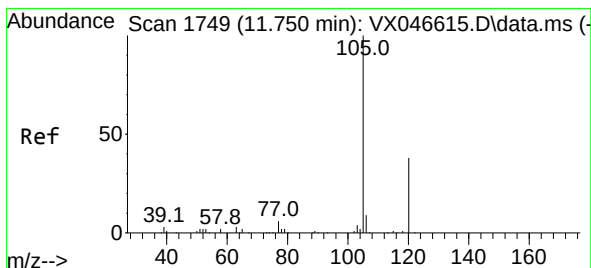
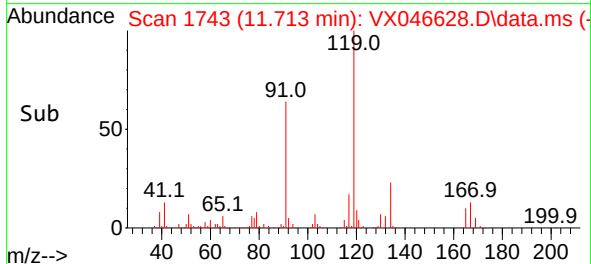
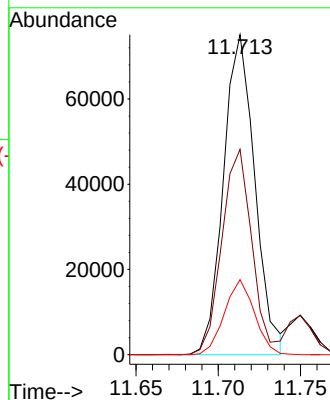
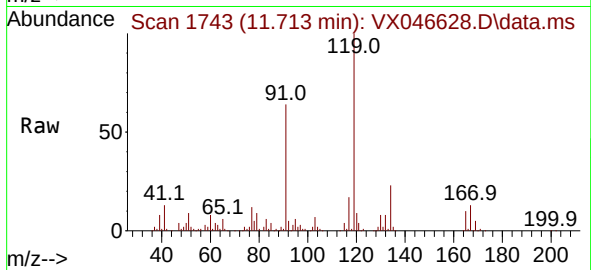




#79
tert-butylbenzene
Concen: 20.403 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

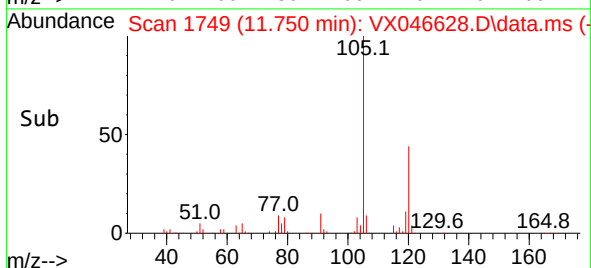
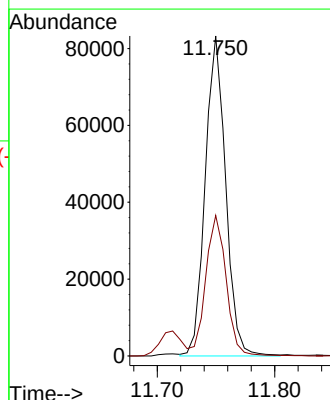
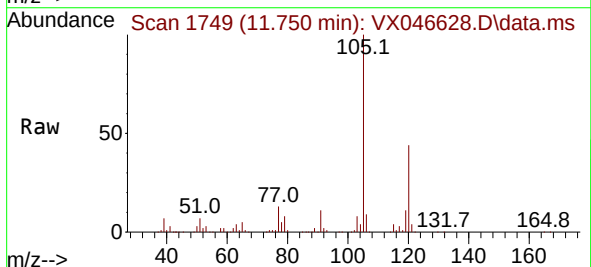
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

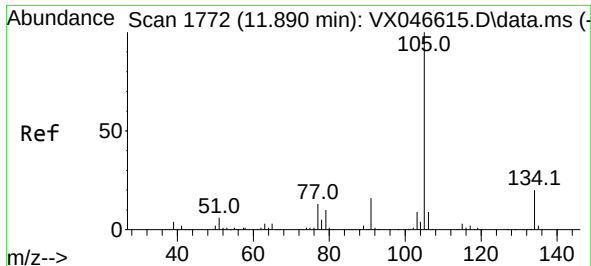
Tgt Ion:119 Resp: 99639
Ion Ratio Lower Upper
119 100
91 60.7 0.0 126.0
134 22.4 0.0 45.6



#80
1,2,4-Trimethylbenzene
Concen: 20.752 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion:105 Resp: 100361
Ion Ratio Lower Upper
105 100
120 44.0 0.0 89.6

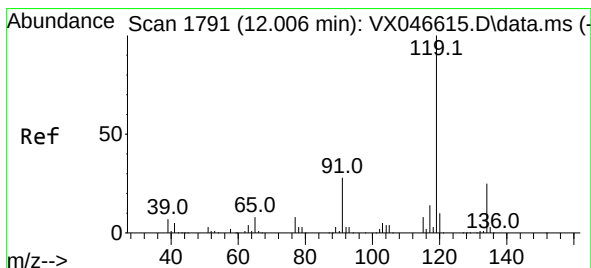
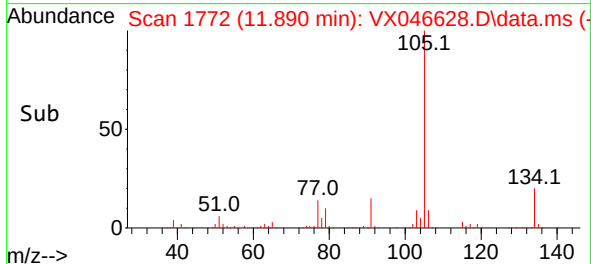
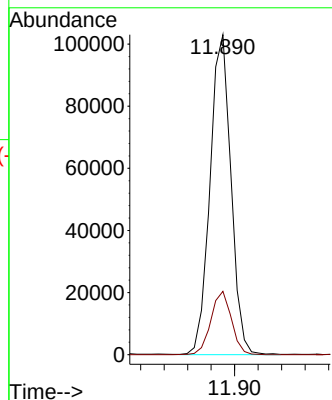
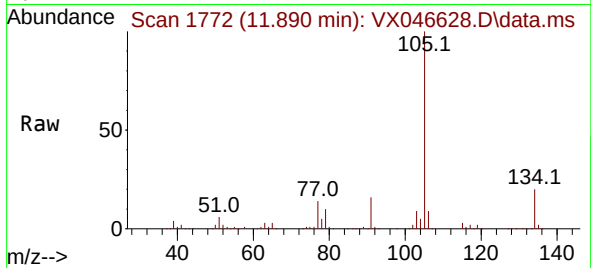




#81
 sec-Butylbenzene
 Concen: 20.407 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046628.D
 Acq: 11 Jun 2025 11:12

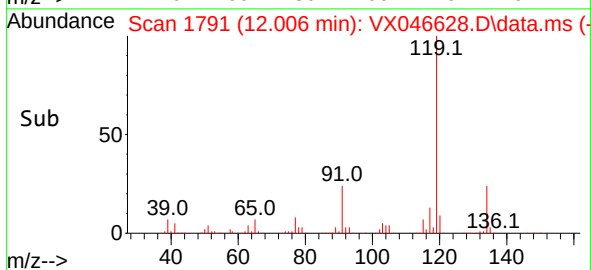
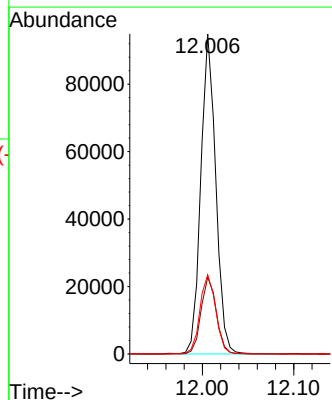
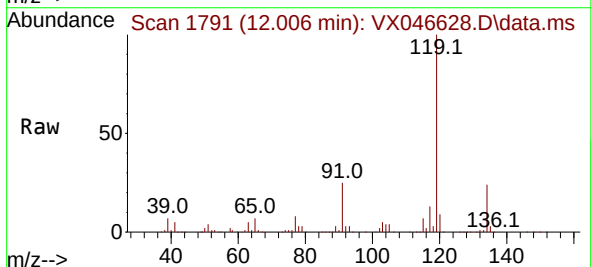
Instrument :
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 ClientSampleId :
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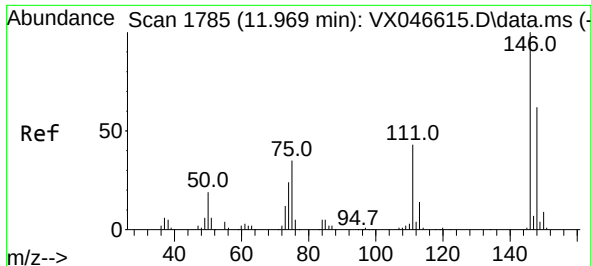
Tgt Ion:105 Resp: 127530
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 21.003 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046628.D
 Acq: 11 Jun 2025 11:12

Tgt Ion:119 Resp: 107730
 Ion Ratio Lower Upper
 119 100
 134 24.5 0.0 50.0
 91 26.1 0.0 54.0

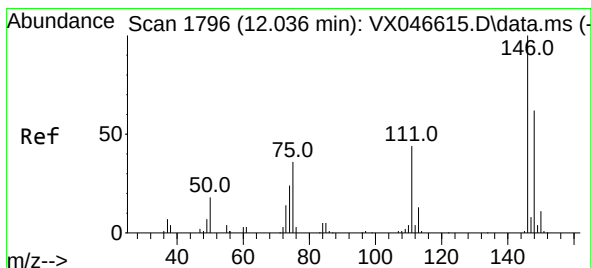
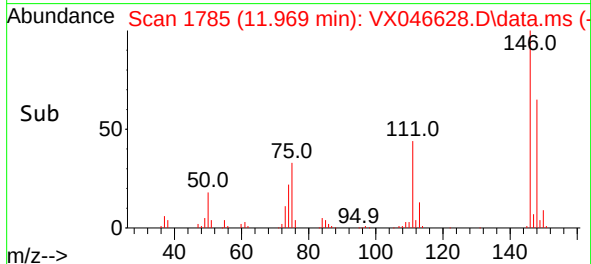
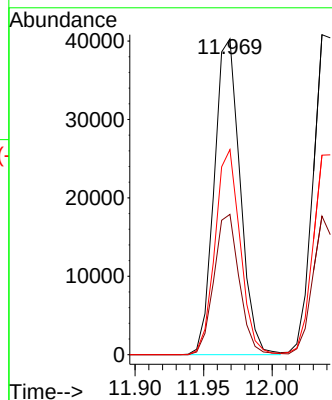
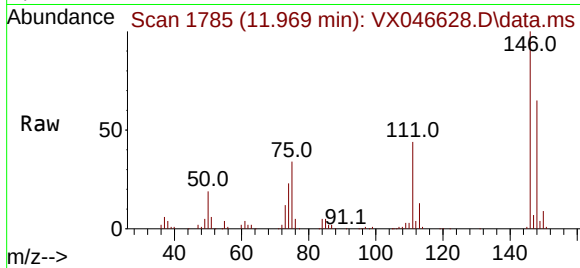




#83
1,3-Dichlorobenzene
Concen: 20.594 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

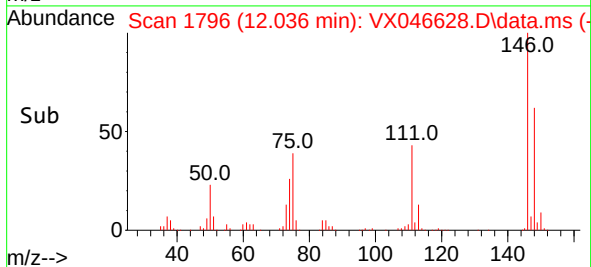
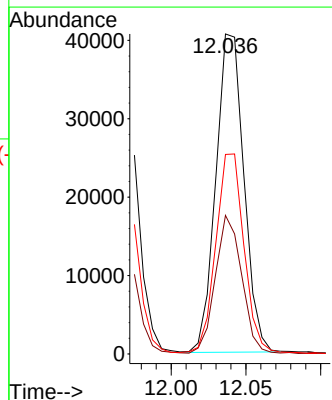
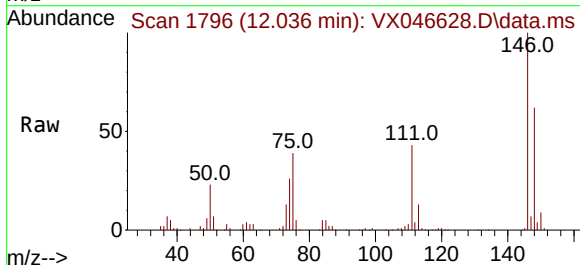
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

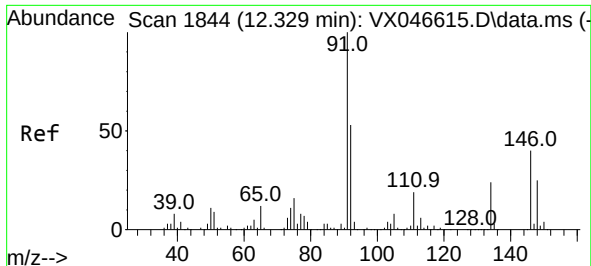
Tgt Ion:146 Resp: 52959
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.8
148 63.1 32.0 96.2



#84
1,4-Dichlorobenzene
Concen: 20.531 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion:146 Resp: 53095
Ion Ratio Lower Upper
146 100
111 40.9 21.3 63.7
148 63.8 31.4 94.3

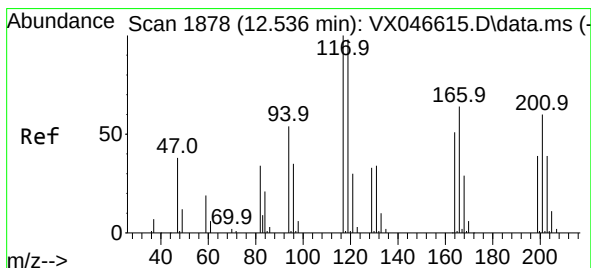
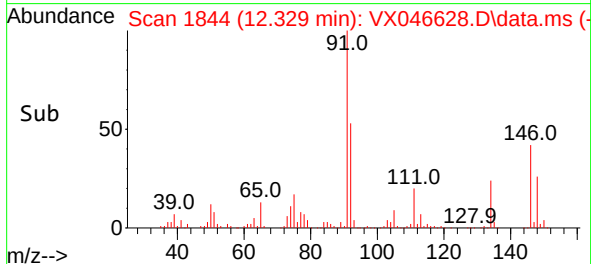
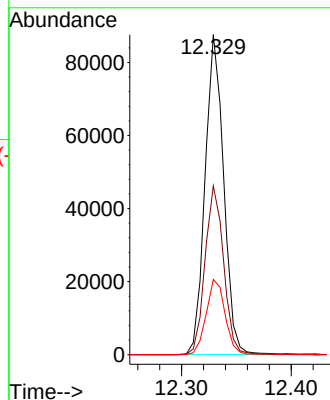
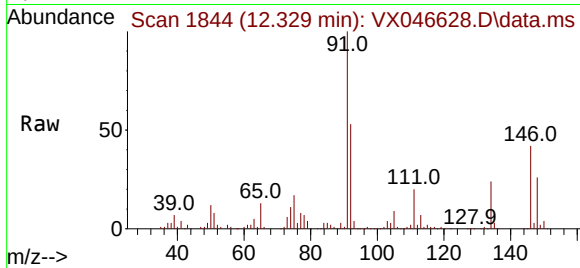




#85
n-Butylbenzene
Concen: 20.808 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

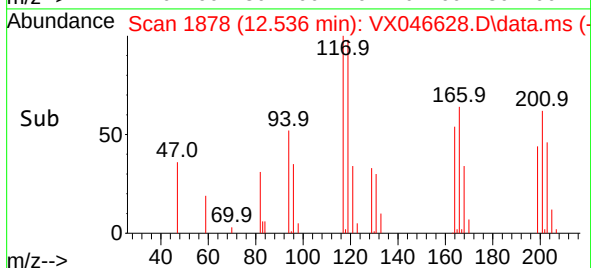
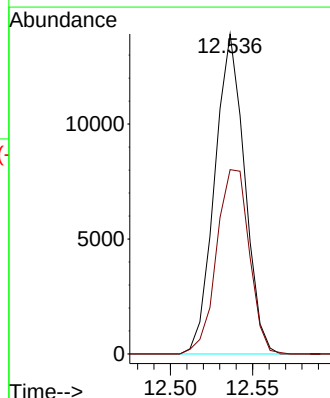
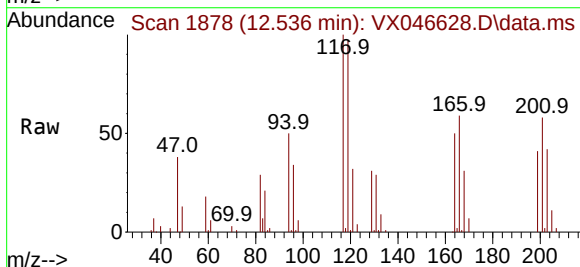
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

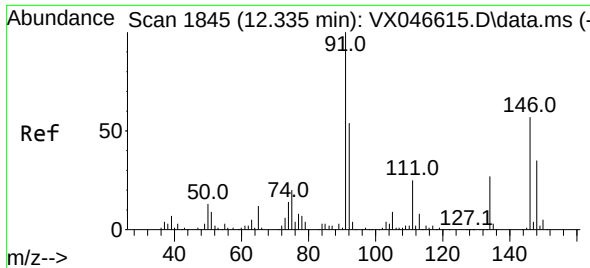
Tgt Ion: 91 Resp: 102821
Ion Ratio Lower Upper
91 100
92 53.0 0.0 106.4
134 24.0 0.0 48.8



#86
Hexachloroethane
Concen: 19.769 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion: 117 Resp: 17610
Ion Ratio Lower Upper
117 100
201 63.1 31.7 95.1

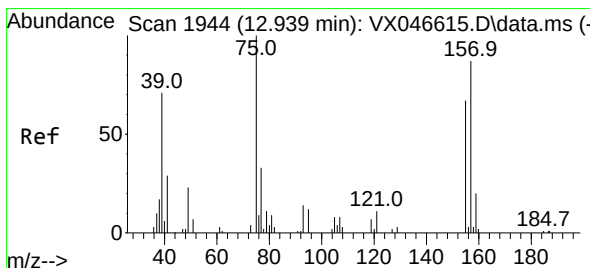
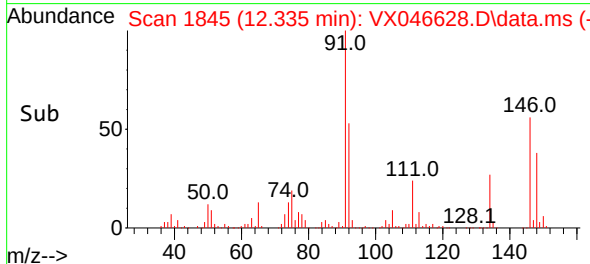
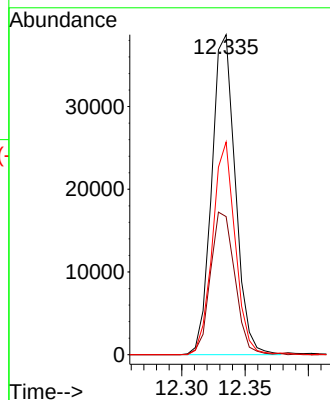
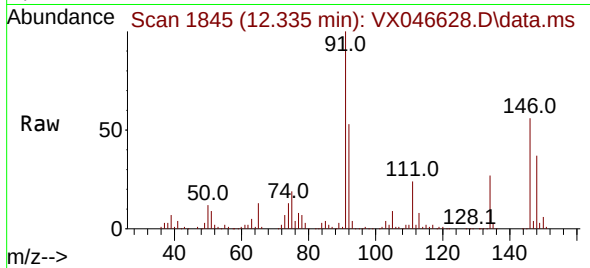




#87
 1,2-Dichlorobenzene
 Concen: 20.314 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX046628.D
 Acq: 11 Jun 2025 11:12

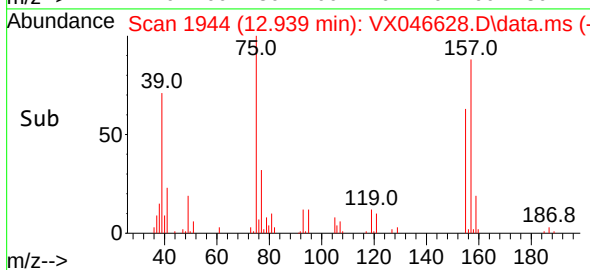
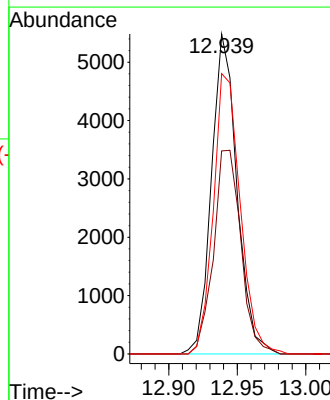
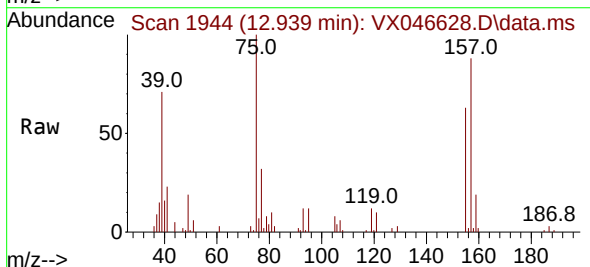
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

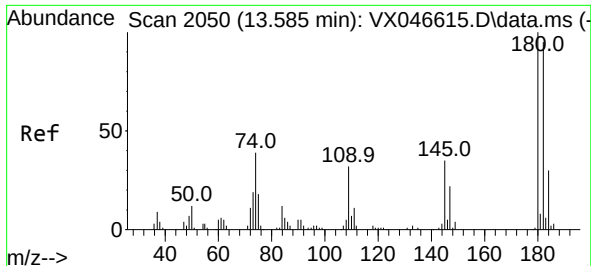
Tgt Ion:146 Resp: 50257
 Ion Ratio Lower Upper
 146 100
 111 46.0 22.9 68.5
 148 63.7 31.6 94.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.869 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX046628.D
 Acq: 11 Jun 2025 11:12

Tgt Ion: 75 Resp: 7096
 Ion Ratio Lower Upper
 75 100
 155 68.1 59.4 89.2
 157 92.3 75.0 112.6

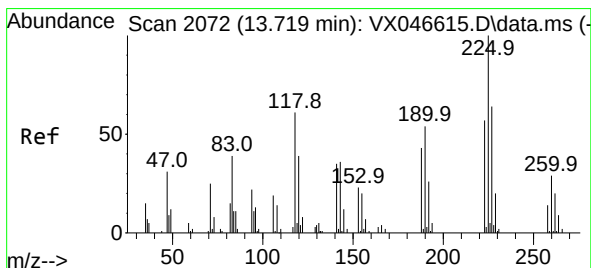
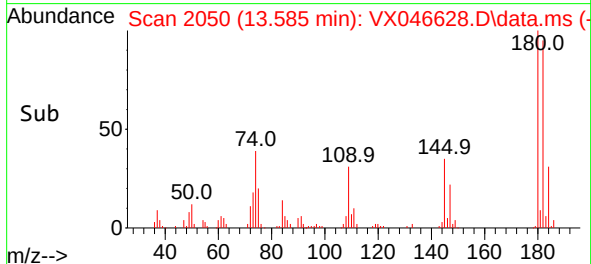
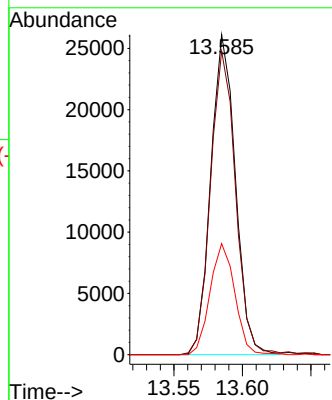
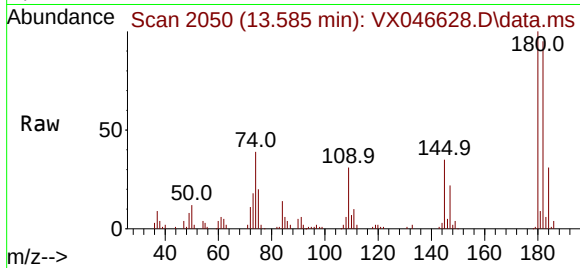




#89
1,2,4-Trichlorobenzene
Concen: 20.015 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

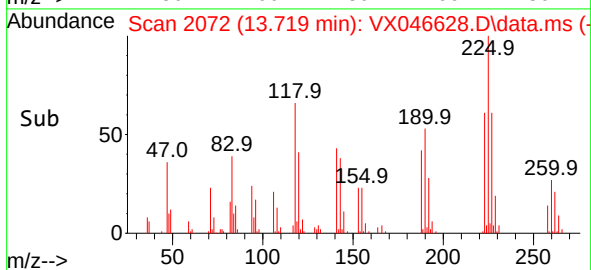
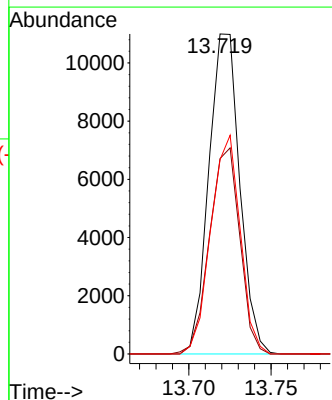
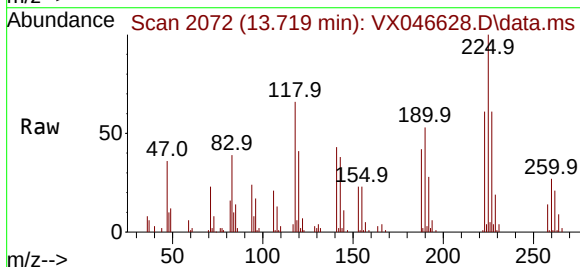
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

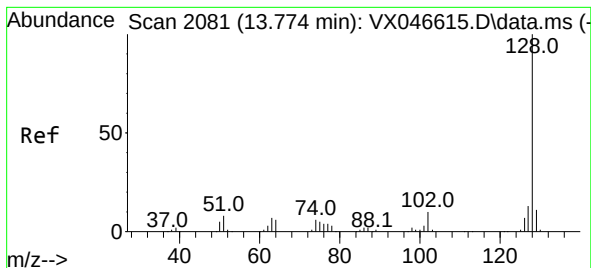
Tgt Ion:180 Resp: 32647
Ion Ratio Lower Upper
180 100
182 96.3 75.0 112.6
145 34.8 27.4 41.0



#90
Hexachlorobutadiene
Concen: 20.065 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion:225 Resp: 14411
Ion Ratio Lower Upper
225 100
223 63.0 0.0 126.4
227 64.8 0.0 131.4

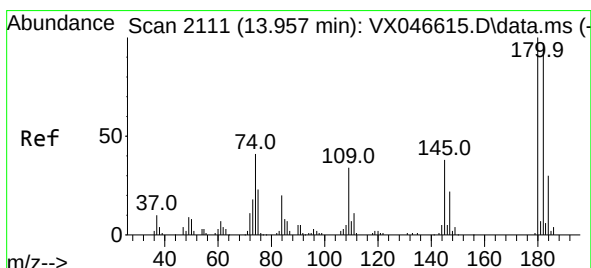
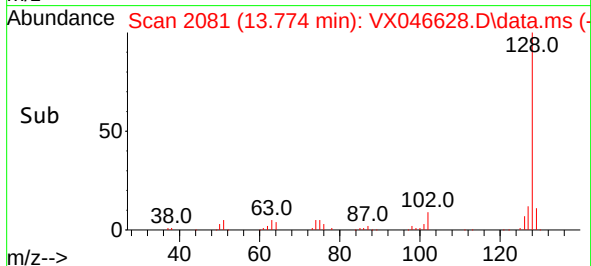
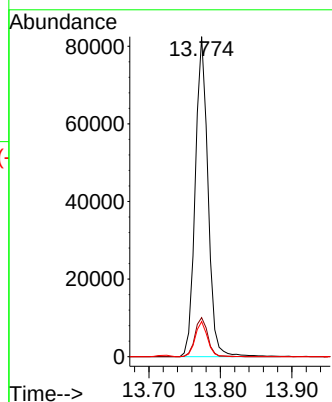
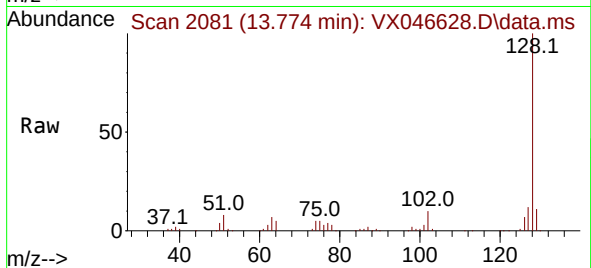




#91
Naphthalene
Concen: 19.669 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 101783
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.4
129 10.6 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 20.098 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046628.D
Acq: 11 Jun 2025 11:12

Tgt Ion:180 Resp: 32178
Ion Ratio Lower Upper
180 100
182 95.0 0.0 190.2
145 35.4 0.0 71.8

