

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022421.D
 Acq On : 27 May 2025 08:50
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: May 28 09:38:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 09:30:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	266668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	453411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	366267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	162324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	13513	4.811	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	9.620%#	
35) Dibromofluoromethane	7.640	113	13007	4.898	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	9.800%#	
50) Toluene-d8	10.115	98	52564	4.856	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	9.720%#	
62) 4-Bromofluorobenzene	12.408	95	17111	5.226	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	10.460%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	14514	5.705	ug/l	97
3) Chloromethane	2.068	50	36383	5.814	ug/l	99
4) Vinyl Chloride	2.208	62	40931	5.384	ug/l	100
5) Bromomethane	2.604	94	33633	4.868	ug/l	95
6) Chloroethane	2.739	64	24812	4.994	ug/l	99
7) Trichlorofluoromethane	3.062	101	33151	5.168	ug/l	96
8) Diethyl Ether	3.464	74	7356	4.974	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	14725	5.233	ug/l	98
10) Methyl Iodide	4.013	142	13178	4.151	ug/l	96
11) Tert butyl alcohol	4.872	59	2634	13.303	ug/l #	70
12) 1,1-Dichloroethene	3.799	96	14718	5.268	ug/l	94
13) Acrolein	3.665	56	6888	23.219	ug/l #	77
14) Allyl chloride	4.397	41	20931	4.980	ug/l	95
15) Acrylonitrile	5.080	53	14224	23.859	ug/l	96
16) Acetone	3.885	43	12519	27.123	ug/l #	89
17) Carbon Disulfide	4.110	76	44596	5.002	ug/l	96
18) Methyl Acetate	4.391	43	7671	4.437	ug/l	93
19) Methyl tert-butyl Ether	5.128	73	36078	4.864	ug/l	98
20) Methylene Chloride	4.622	84	20751	6.367	ug/l	94
21) trans-1,2-Dichloroethene	5.128	96	15870	5.203	ug/l	91
22) Diisopropyl ether	6.025	45	45596	4.916	ug/l	95
23) Vinyl Acetate	5.970	43	129326	24.282	ug/l	99
24) 1,1-Dichloroethane	5.927	63	26673	4.866	ug/l	97
25) 2-Butanone	6.909	43	18294	23.799	ug/l	97
26) 2,2-Dichloropropane	6.896	77	24997	5.037	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	17459	4.944	ug/l	97
28) Bromochloromethane	7.250	49	10658	4.657	ug/l #	98
29) Tetrahydrofuran	7.274	42	12618	24.613	ug/l	99
30) Chloroform	7.433	83	25766	4.771	ug/l	99
31) Cyclohexane	7.713	56	32546	6.024	ug/l #	81
32) 1,1,1-Trichloroethane	7.622	97	23999	4.896	ug/l	99
36) 1,1-Dichloropropene	7.847	75	21399	5.079	ug/l	98
37) Ethyl Acetate	6.988	43	8953	5.000	ug/l	97
38) Carbon Tetrachloride	7.829	117	21453	4.888	ug/l	99
39) Methylcyclohexane	9.115	83	27716	4.948	ug/l	98
40) Benzene	8.085	78	59324	4.732	ug/l	98

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 ClientSampleId :
 VSTDICC005

Quant Time: May 28 09:38:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 09:30:53 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	6209	2.635	ug/l #	26
42) 1,2-Dichloroethane	8.164	62	15776	4.764	ug/l	98
43) Isopropyl Acetate	8.201	43	18244	4.662	ug/l	98
44) Trichloroethene	8.872	130	15132	4.882	ug/l	87
45) 1,2-Dichloropropane	9.146	63	14536	4.935	ug/l	95
46) Dibromomethane	9.237	93	8142	4.948	ug/l	94
47) Bromodichloromethane	9.426	83	20477	4.839	ug/l	94
48) Methyl methacrylate	9.225	41	8390	4.619	ug/l	95
49) 1,4-Dioxane	9.256	88	1711	94.135	ug/l #	80
51) 4-Methyl-2-Pentanone	10.006	43	42047	21.778	ug/l	95
52) Toluene	10.176	92	35452	4.527	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	18117	4.596	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	21634	4.671	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	9913	4.765	ug/l	92
56) Ethyl methacrylate	10.444	69	12714	4.258	ug/l	94
57) 1,3-Dichloropropane	10.725	76	17193	4.689	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.719	63	32506	21.845	ug/l	96
59) 2-Hexanone	10.768	43	27506	21.739	ug/l	99
60) Dibromochloromethane	10.914	129	11708	4.405	ug/l	95
61) 1,2-Dibromoethane	11.024	107	9019	4.739	ug/l	99
64) Tetrachloroethene	10.652	164	15876	5.090	ug/l	94
65) Chlorobenzene	11.444	112	37368	4.785	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	11929	4.508	ug/l	95
67) Ethyl Benzene	11.524	91	66757	4.603	ug/l	96
68) m/p-Xylenes	11.633	106	51109	9.296	ug/l	96
69) o-Xylene	11.956	106	23941	4.633	ug/l	98
70) Styrene	11.975	104	37982	4.414	ug/l	98
71) Bromoform	12.139	173	6180	4.459	ug/l #	99
73) Isopropylbenzene	12.255	105	62701	4.908	ug/l	99
74) N-amyl acetate	12.072	43	14329	4.584	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	10107	5.021	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	14024	5.244	ug/l #	100
77) Bromobenzene	12.536	156	13050	4.747	ug/l	98
78) n-propylbenzene	12.597	91	74444	4.856	ug/l	100
79) 2-Chlorotoluene	12.682	91	41511	5.002	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	47346	4.743	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	3492	4.857	ug/l	97
82) 4-Chlorotoluene	12.779	91	41039	4.801	ug/l	97
83) tert-Butylbenzene	12.999	119	44656	4.951	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	47206	4.699	ug/l	98
85) sec-Butylbenzene	13.182	105	65492	4.897	ug/l	100
86) p-Isopropyltoluene	13.298	119	51853	4.643	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	25760	4.657	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	25910	4.899	ug/l	92
89) n-Butylbenzene	13.621	91	50178	4.792	ug/l	98
90) Hexachloroethane	13.883	117	11019	4.958	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	22457	4.860	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1667	5.360	ug/l	82
93) 1,2,4-Trichlorobenzene	14.925	180	11591	4.525	ug/l	96
94) Hexachlorobutadiene	15.029	225	6893	5.128	ug/l	97
95) Naphthalene	15.151	128	20065	4.237	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	9338	4.445	ug/l	96

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: May 28 09:38:14 2025
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Quant Title : SW846 8260
QLast Update : Wed May 28 09:30:53 2025
Response via : Initial Calibration

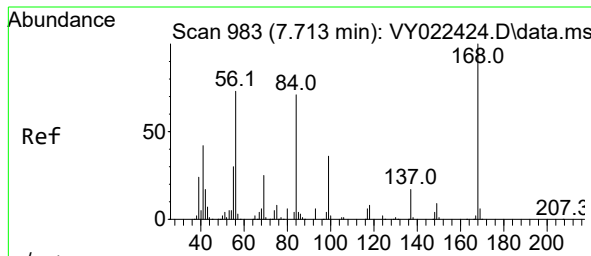
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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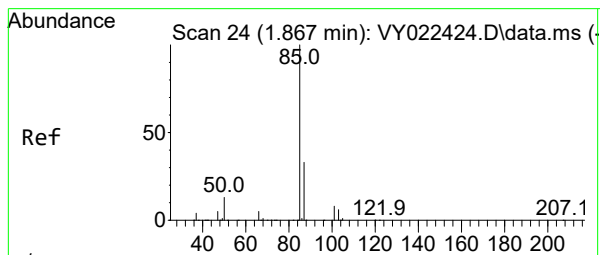
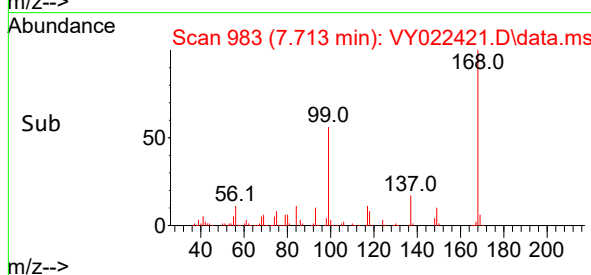
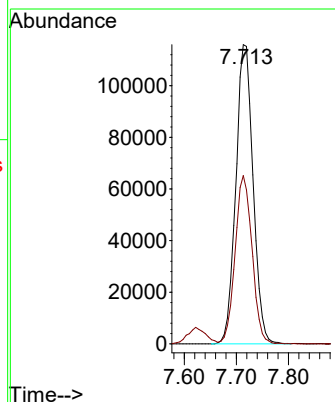
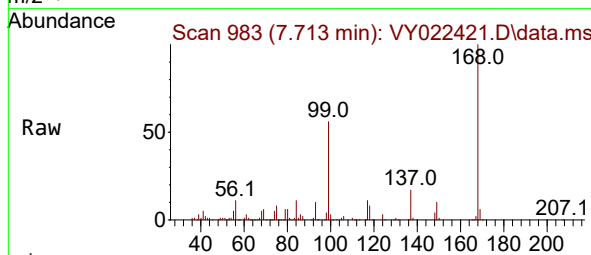




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

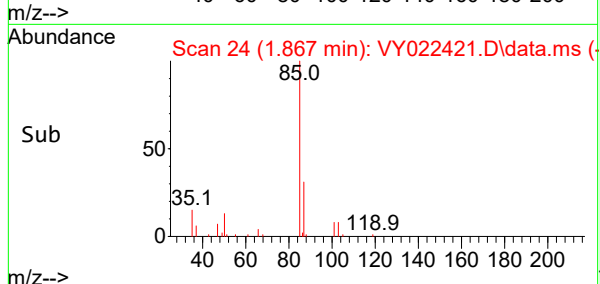
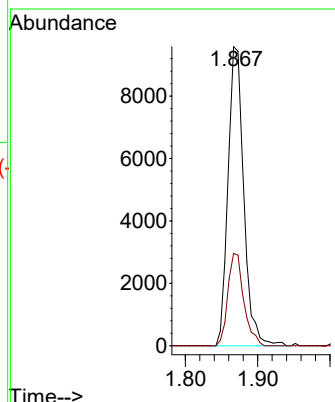
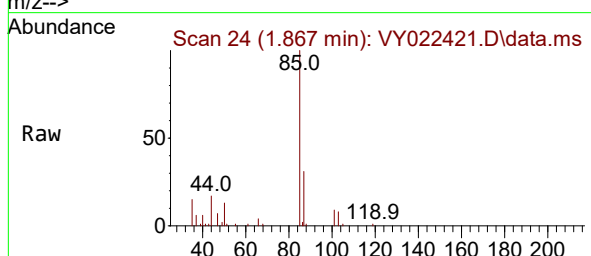
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

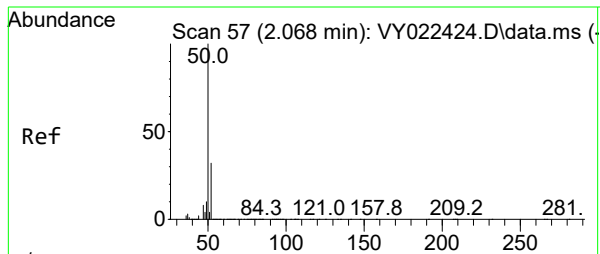
Tgt Ion:168 Resp: 266668
Ion Ratio Lower Upper
168 100
99 56.2 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 5.705 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 85 Resp: 14514
Ion Ratio Lower Upper
85 100
87 30.9 16.4 49.2

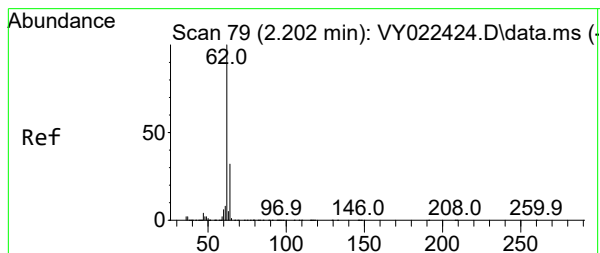
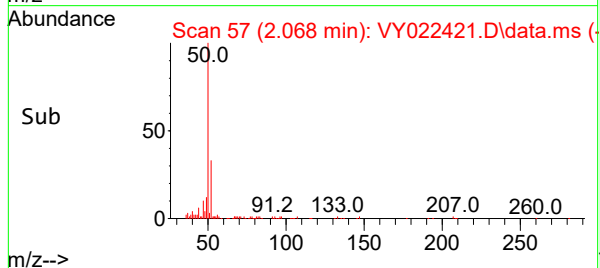
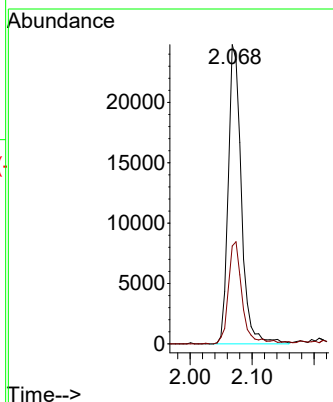
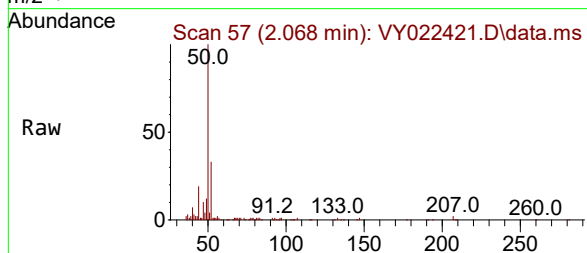




#3
Chloromethane
Concen: 5.814 ug/l
RT: 2.068 min Scan# 57
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

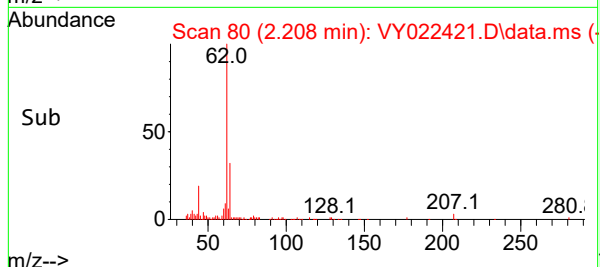
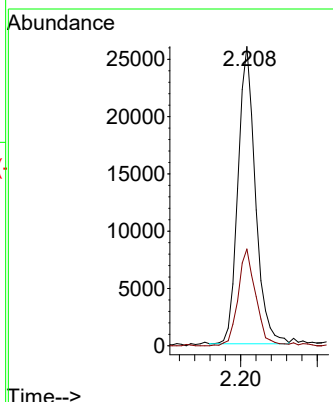
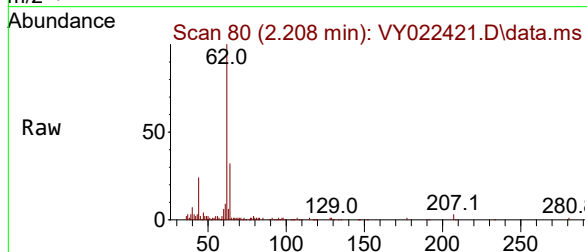
Instrument :
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ClientSampleId :
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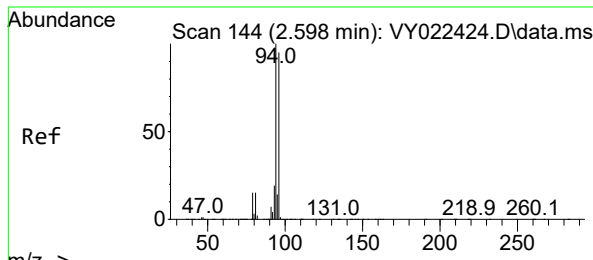
Tgt Ion: 50 Resp: 36383
Ion Ratio Lower Upper
50 100
52 32.7 25.5 38.3



#4
Vinyl Chloride
Concen: 5.384 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 62 Resp: 40931
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0

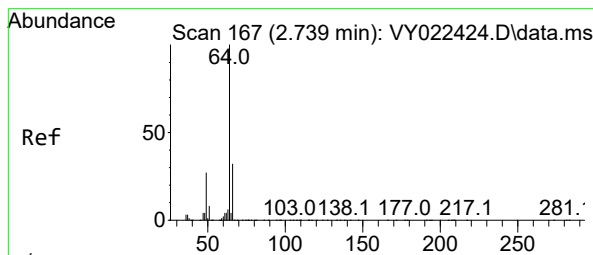
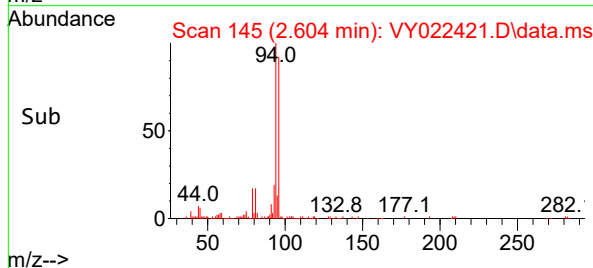
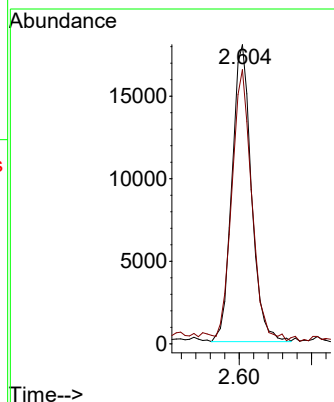
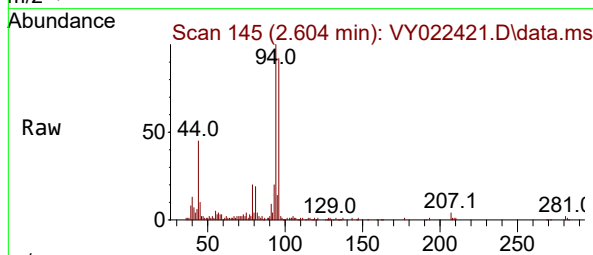




#5
Bromomethane
Concen: 4.868 ug/l
RT: 2.604 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

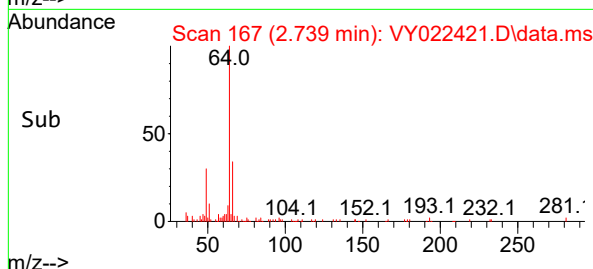
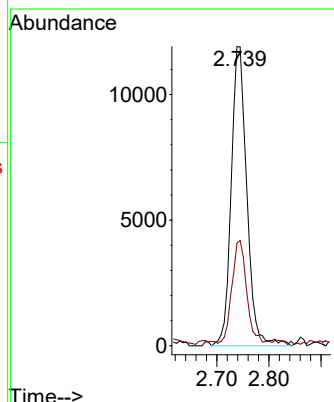
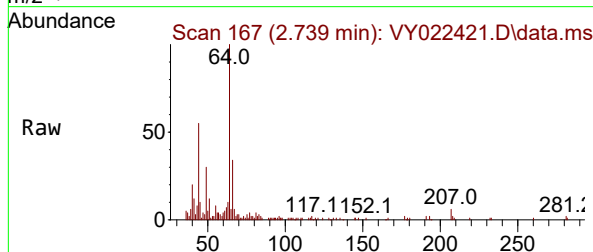
Instrument :
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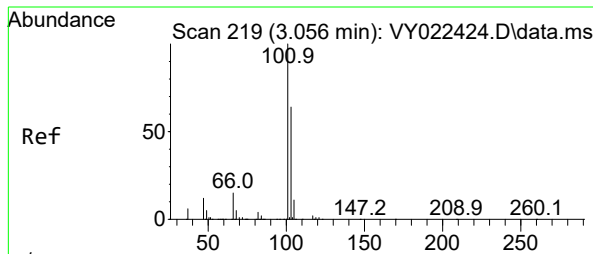
Tgt Ion: 94 Resp: 33633
Ion Ratio Lower Upper
94 100
96 90.3 76.0 114.0



#6
Chloroethane
Concen: 4.994 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 64 Resp: 24812
Ion Ratio Lower Upper
64 100
66 32.8 25.9 38.9

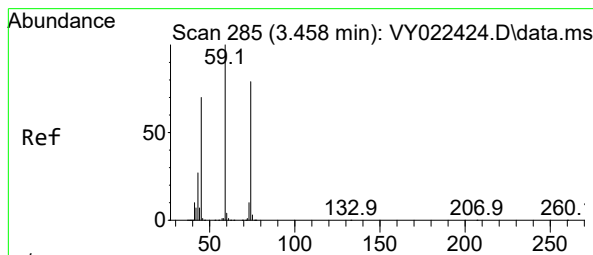
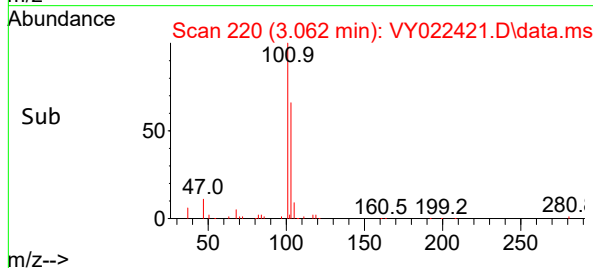
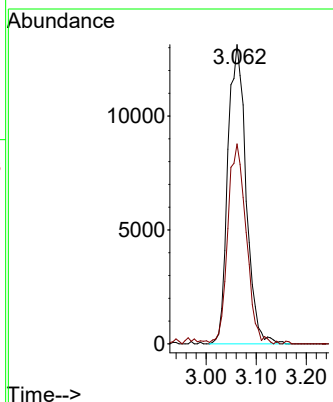
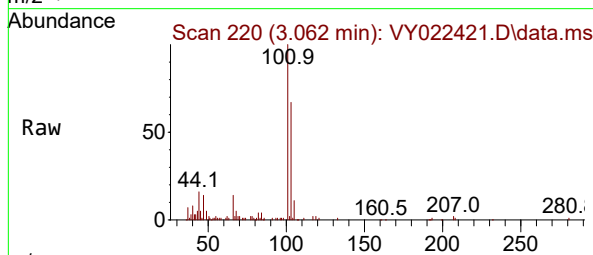




#7
Trichlorofluoromethane
Concen: 5.168 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

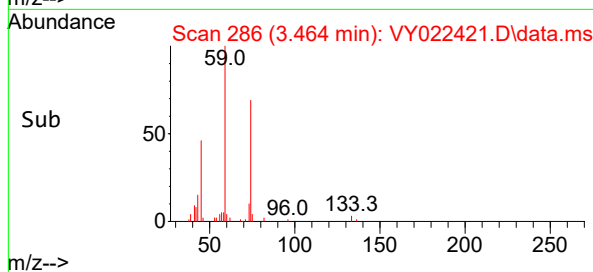
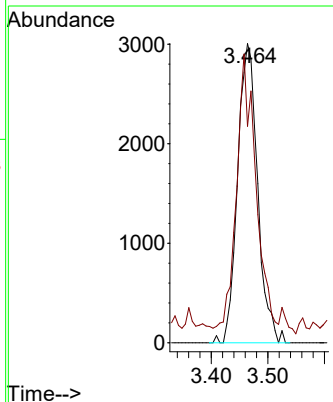
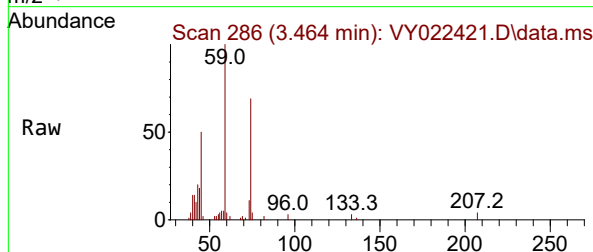
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

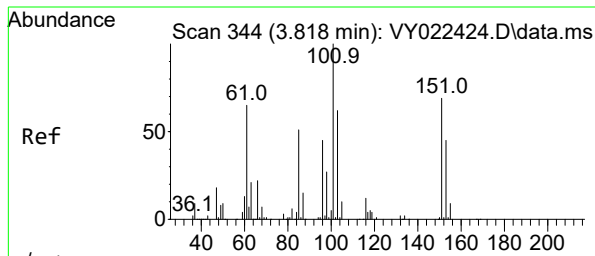
Tgt Ion: 101 Resp: 33151
Ion Ratio Lower Upper
101 100
103 66.3 50.9 76.3



#8
Diethyl Ether
Concen: 4.974 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 74 Resp: 7356
Ion Ratio Lower Upper
74 100
45 91.1 44.9 134.5

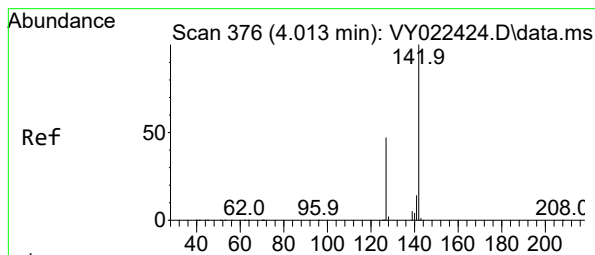
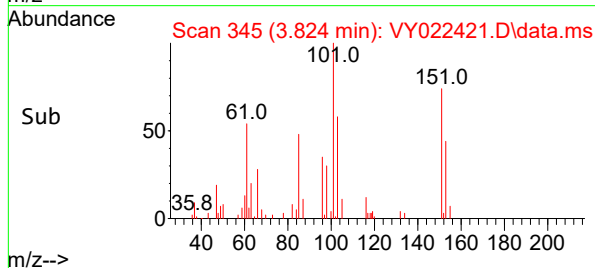
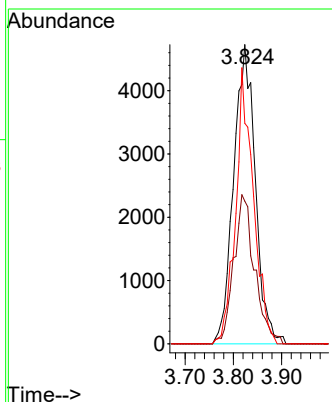
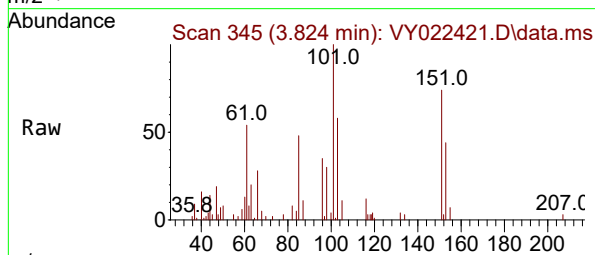




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.233 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

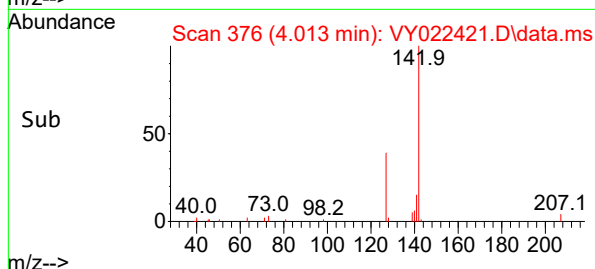
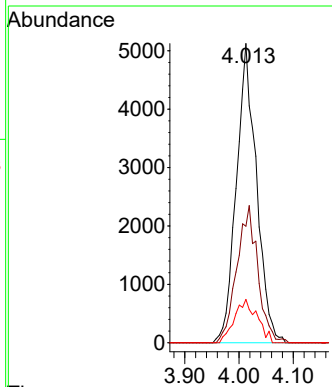
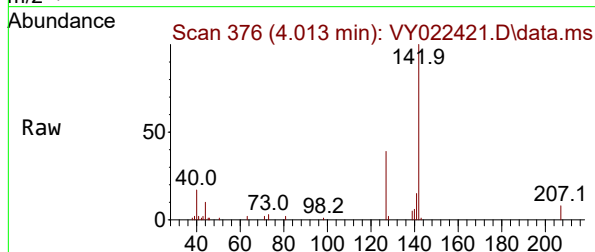
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

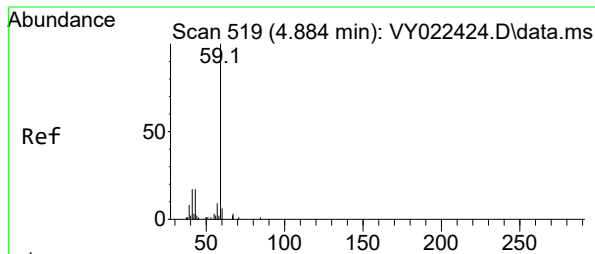
Tgt Ion:101 Resp: 14725
Ion Ratio Lower Upper
101 100
85 48.1 39.2 58.8
151 75.6 58.8 88.2



#10
Methyl Iodide
Concen: 4.151 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion:142 Resp: 13178
Ion Ratio Lower Upper
142 100
127 48.0 36.2 54.4
141 16.4 11.6 17.4

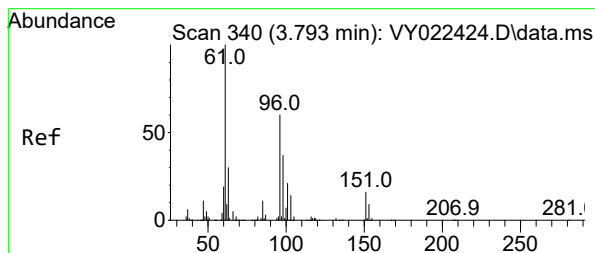
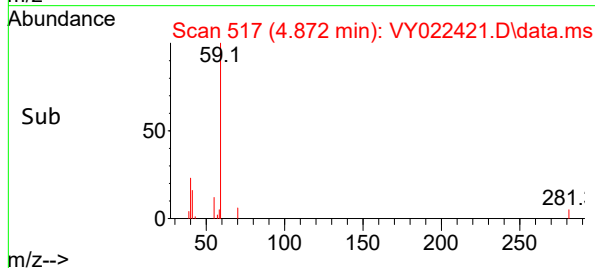
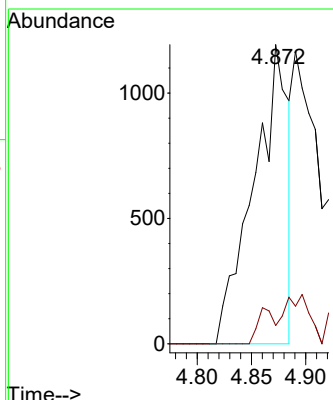
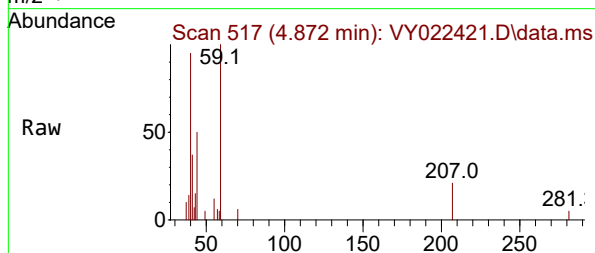




#11
Tert butyl alcohol
Concen: 13.303 ug/l
RT: 4.872 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

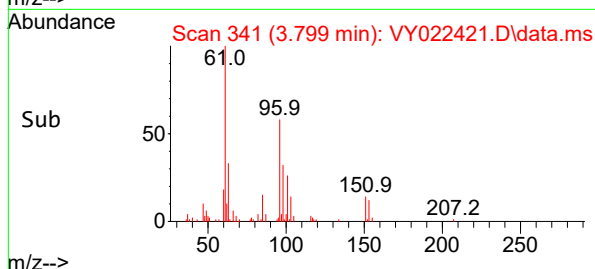
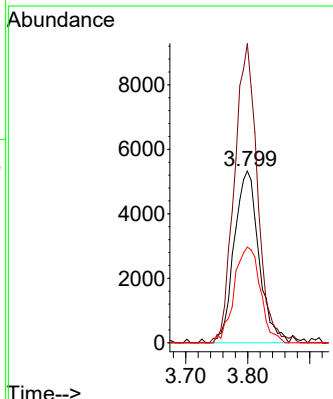
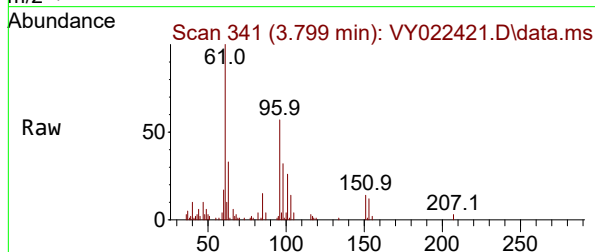
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

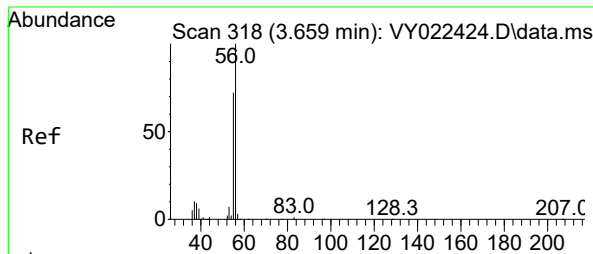
Tgt Ion: 59 Resp: 2634
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.7#



#12
1,1-Dichloroethene
Concen: 5.268 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 96 Resp: 14718
Ion Ratio Lower Upper
96 100
61 174.1 134.1 201.1
98 55.7 50.2 75.2

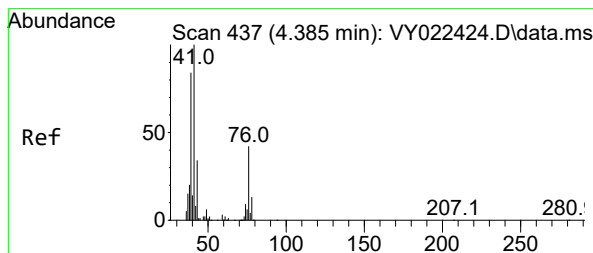
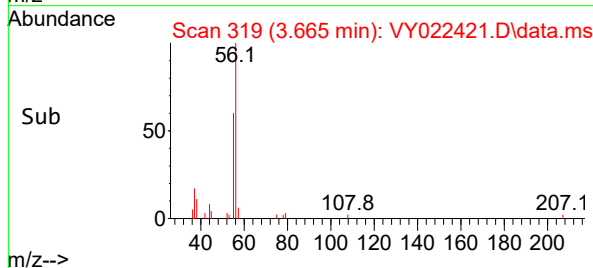
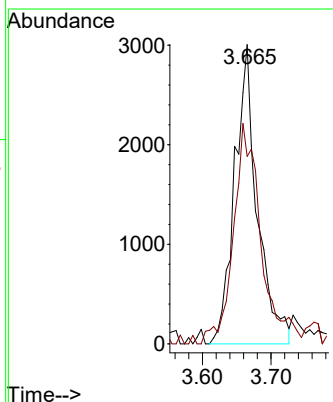
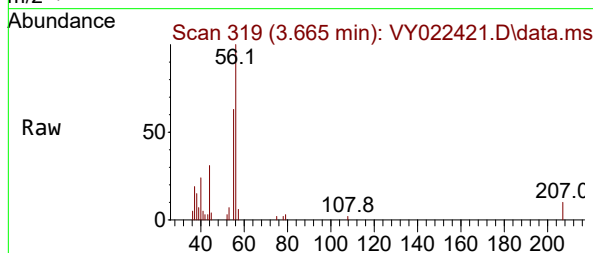




#13
Acrolein
Concen: 23.219 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

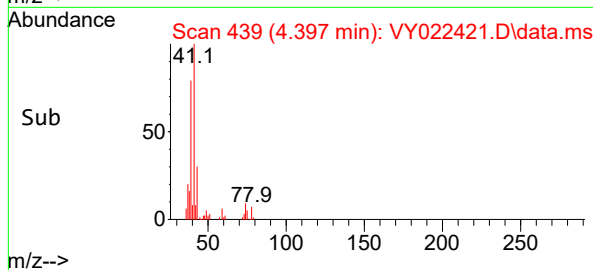
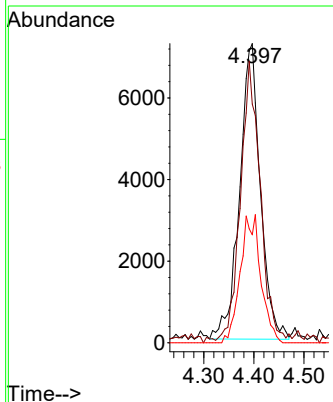
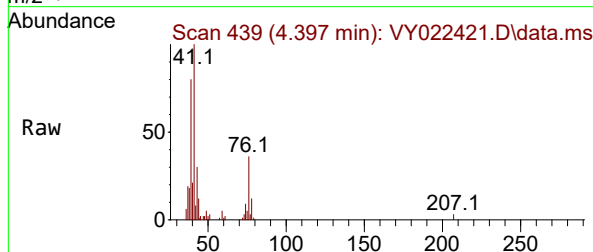
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

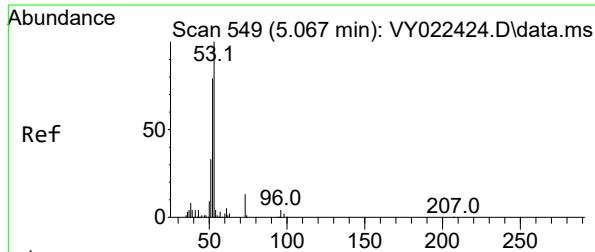
Tgt Ion: 56 Resp: 6888
Ion Ratio Lower Upper
56 100
55 89.6 56.5 84.7#



#14
Allyl chloride
Concen: 4.980 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 41 Resp: 20931
Ion Ratio Lower Upper
41 100
39 89.3 66.6 100.0
76 42.7 33.7 50.5

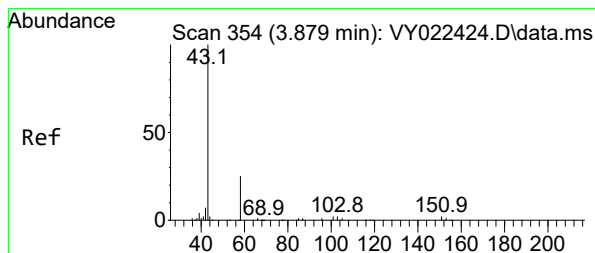
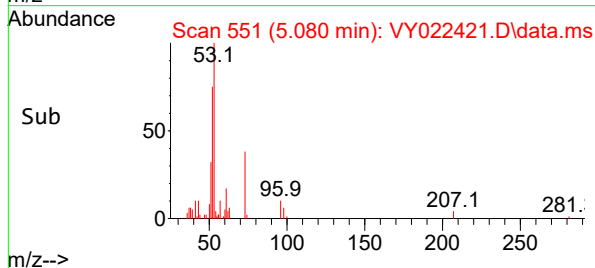
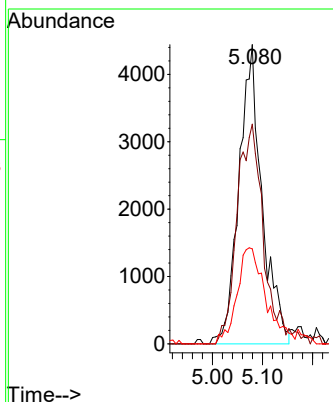
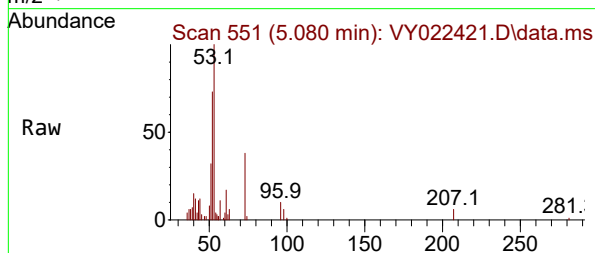




#15
Acrylonitrile
Concen: 23.859 ug/l
RT: 5.080 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

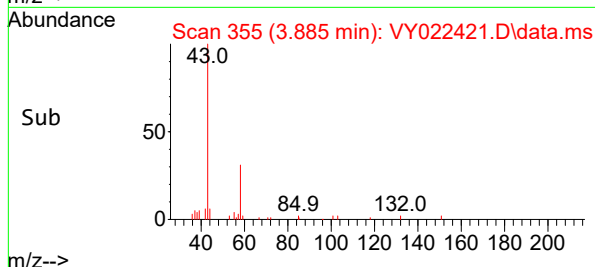
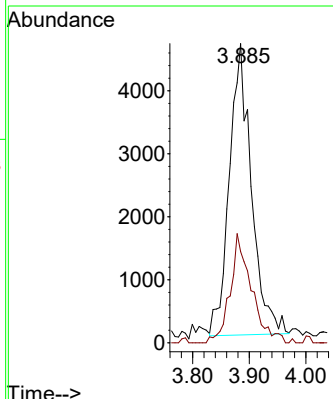
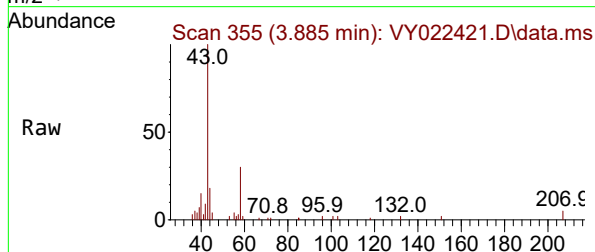
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

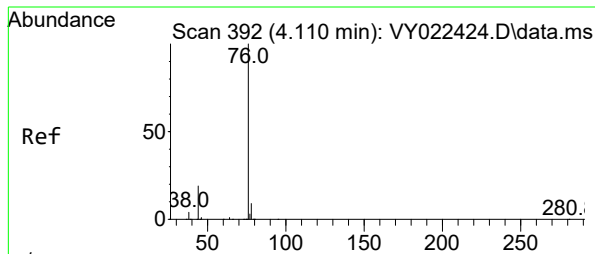
Tgt Ion: 53 Resp: 14224
Ion Ratio Lower Upper
53 100
52 85.0 65.1 97.7
51 40.0 30.0 45.0



#16
Acetone
Concen: 27.123 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 43 Resp: 12519
Ion Ratio Lower Upper
43 100
58 31.4 20.6 30.8#

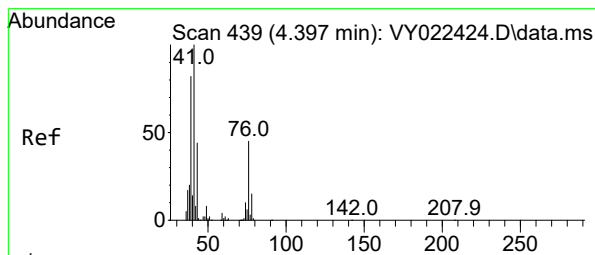
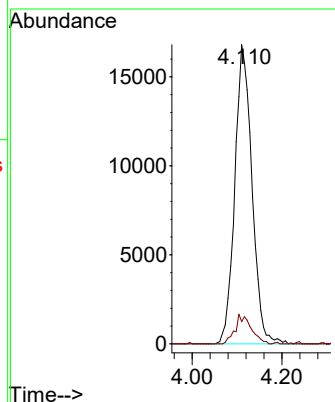
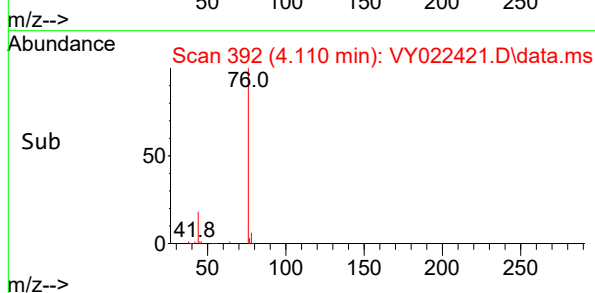
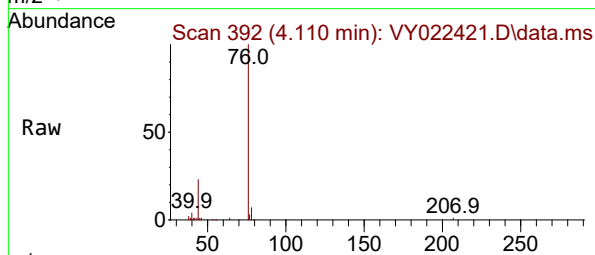




#17
Carbon Disulfide
Concen: 5.002 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

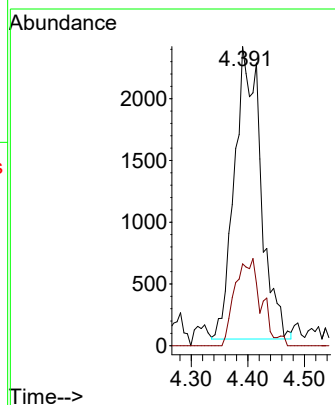
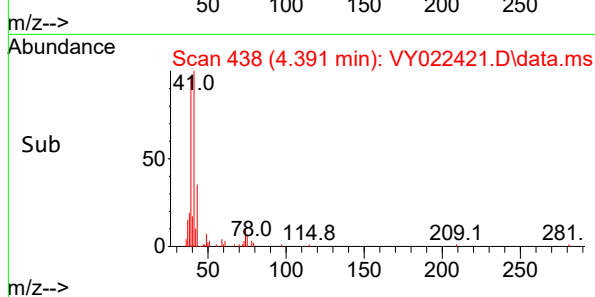
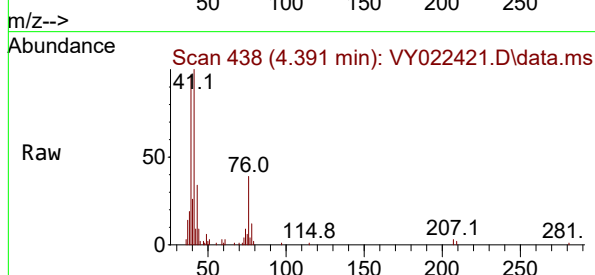
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

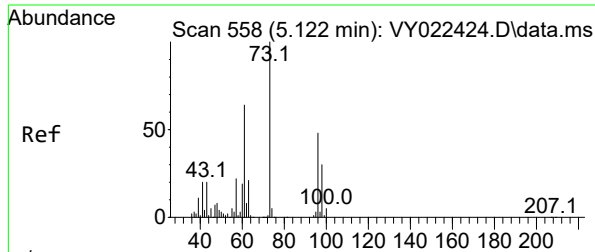
Tgt Ion: 76 Resp: 44596
Ion Ratio Lower Upper
76 100
78 7.4 7.2 10.8



#18
Methyl Acetate
Concen: 4.437 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 43 Resp: 7671
Ion Ratio Lower Upper
43 100
74 30.0 21.2 31.8

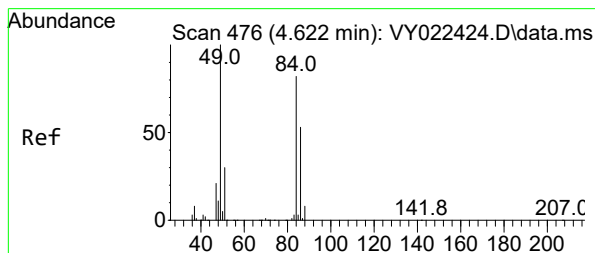
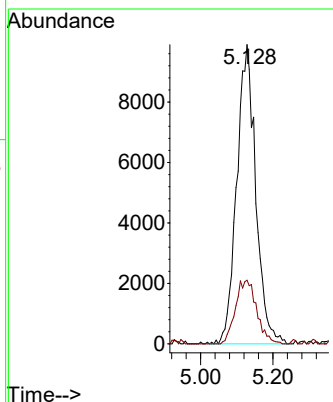
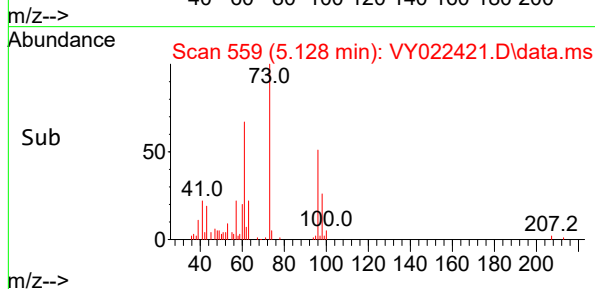
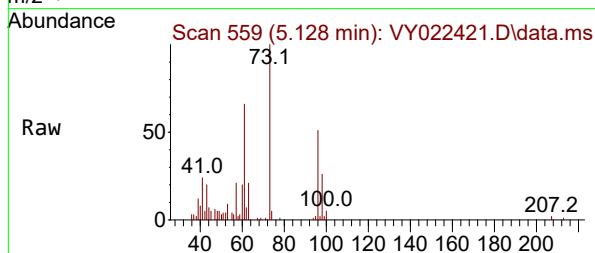




#19
Methyl tert-butyl Ether
Concen: 4.864 ug/l
RT: 5.128 min Scan# 558
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

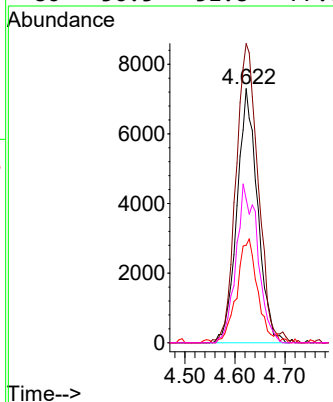
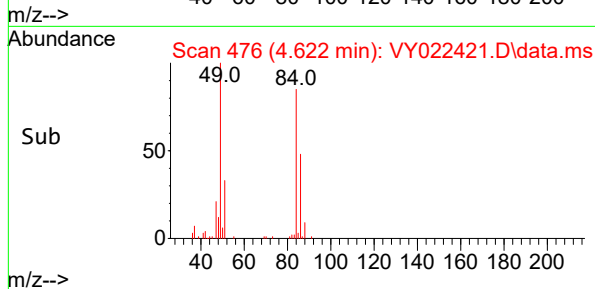
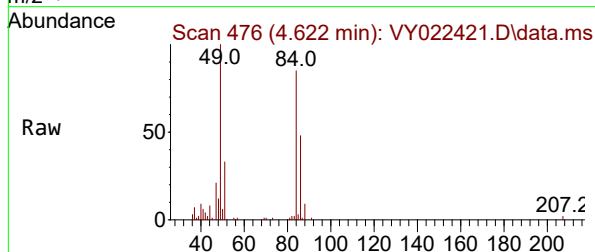
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

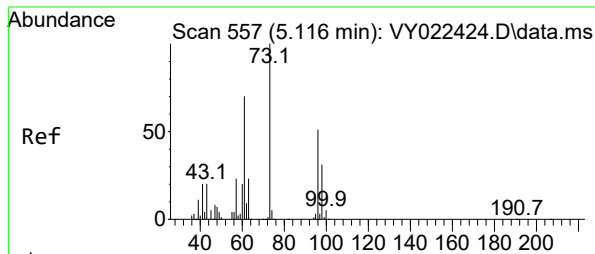
Tgt Ion: 73 Resp: 36078
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5



#20
Methylene Chloride
Concen: 6.367 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 84 Resp: 20751
Ion Ratio Lower Upper
84 100
49 117.7 97.8 146.8
51 38.4 29.5 44.3
86 56.5 51.8 77.6

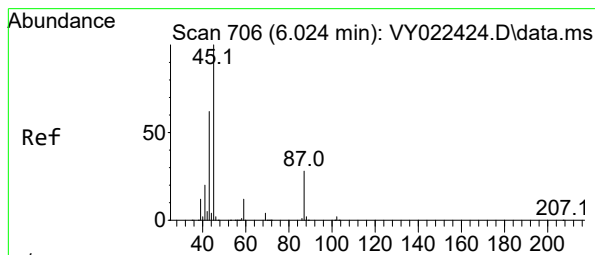
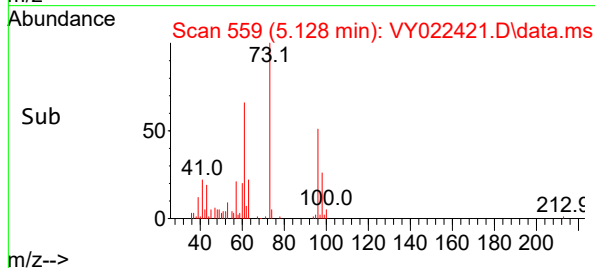
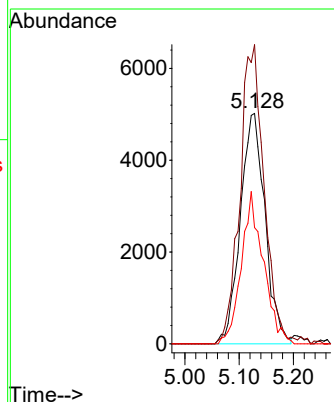
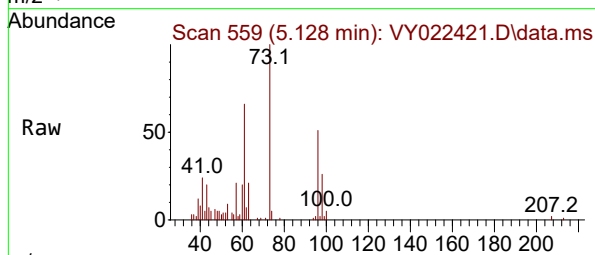




#21
trans-1,2-Dichloroethene
Concen: 5.203 ug/l
RT: 5.128 min Scan# 557
Delta R.T. 0.012 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

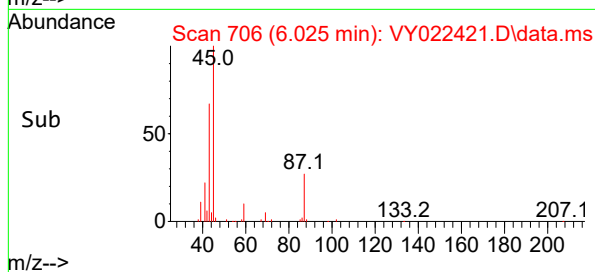
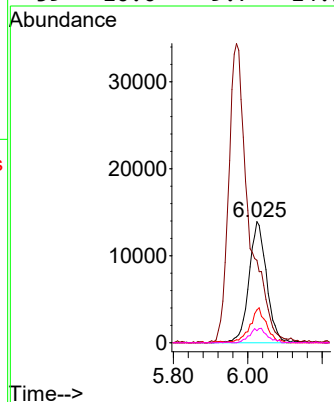
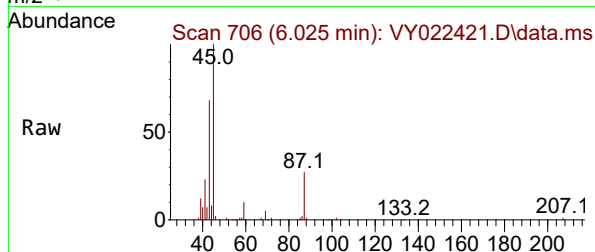
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

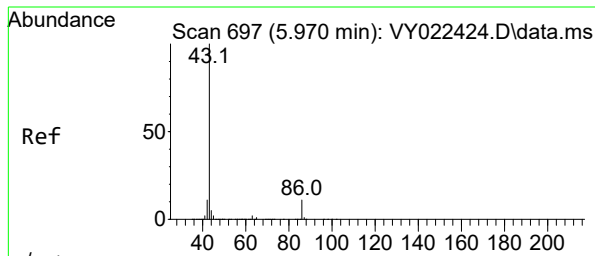
Tgt Ion: 96 Resp: 15870
Ion Ratio Lower Upper
96 100
61 129.8 110.4 165.6
98 50.4 48.6 73.0



#22
Diisopropyl ether
Concen: 4.916 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 45 Resp: 45596
Ion Ratio Lower Upper
45 100
43 66.5 49.8 74.8
87 27.1 23.0 34.6
59 10.0 9.7 14.5



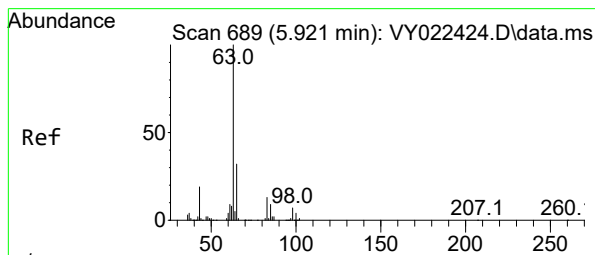
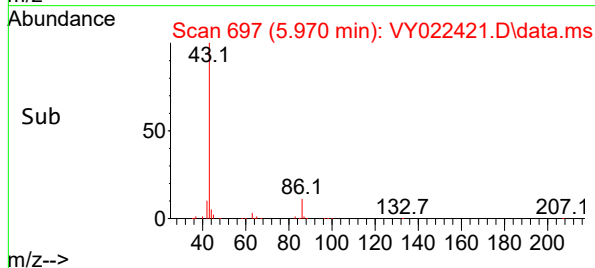
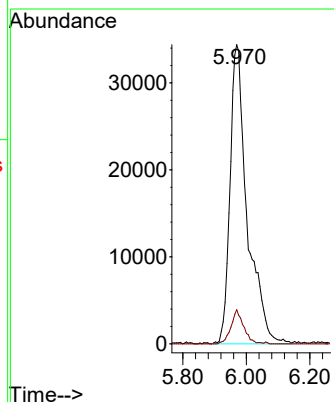
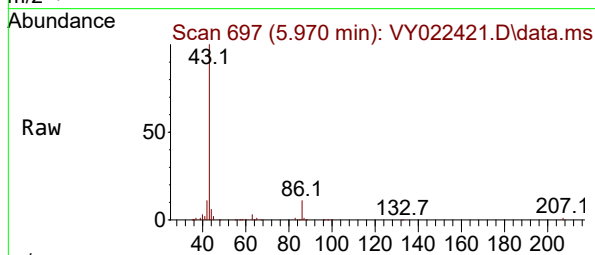


#23
 Vinyl Acetate
 Concen: 24.282 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY022421.D
 Acq: 27 May 2025 08:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 129326

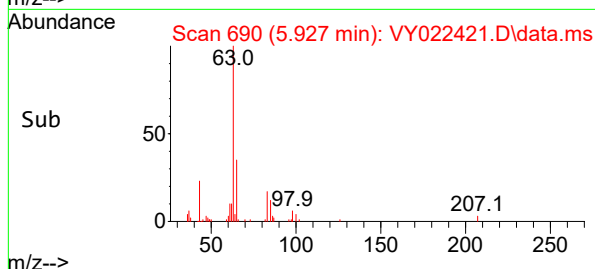
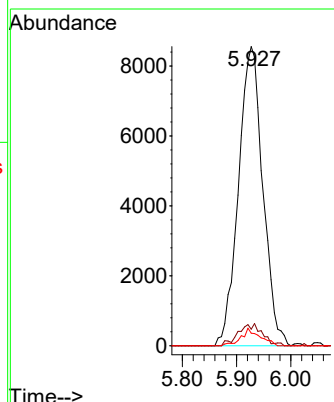
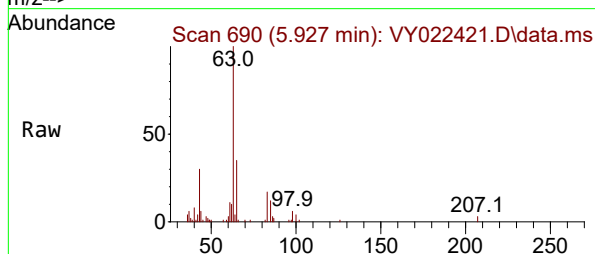
Ion	Ratio	Lower	Upper
43	100		
86	11.4	8.8	13.2

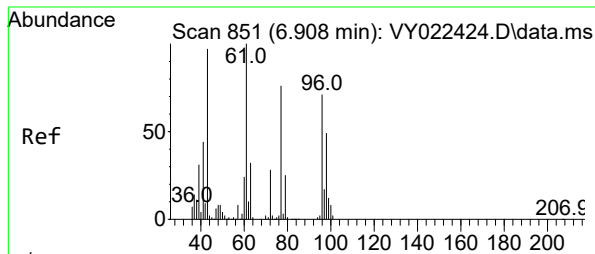


#24
 1,1-Dichloroethane
 Concen: 4.866 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY022421.D
 Acq: 27 May 2025 08:50

Tgt Ion: 63 Resp: 26673

Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.5	10.5
100	4.2	2.1	6.5

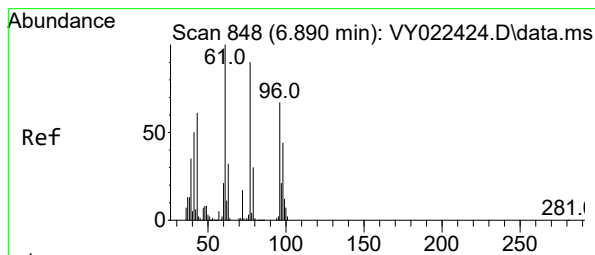
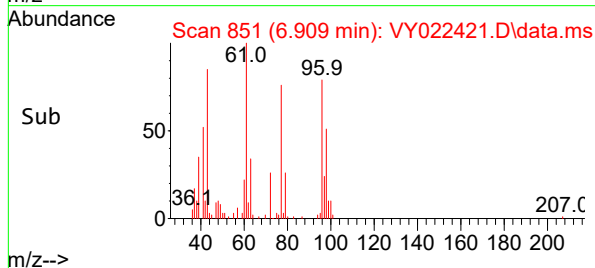
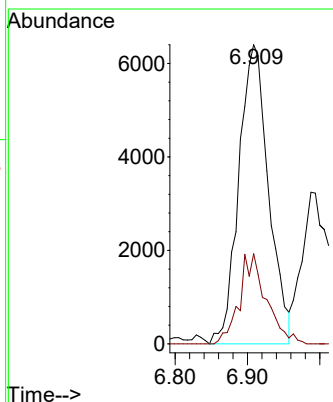
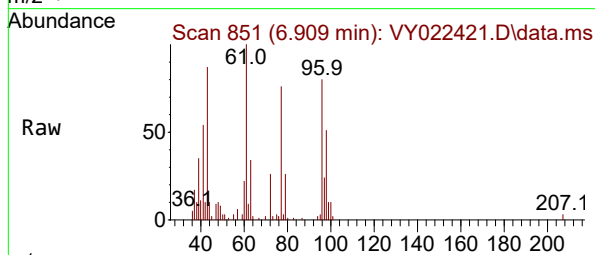




#25
2-Butanone
Concen: 23.799 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

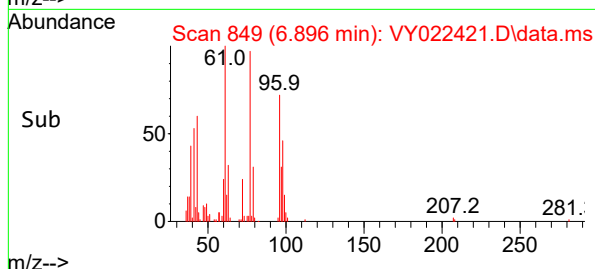
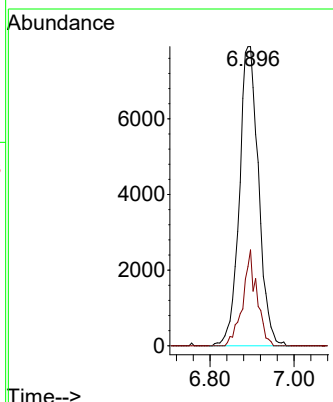
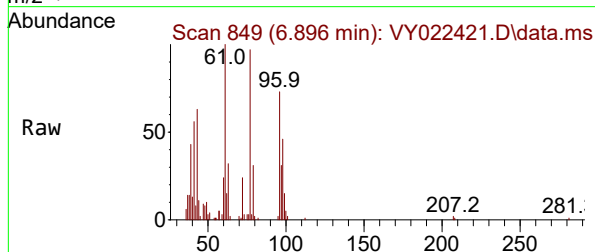
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

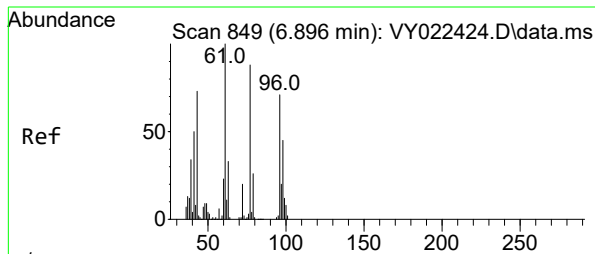
Tgt Ion: 43 Resp: 18294
Ion Ratio Lower Upper
43 100
72 30.1 22.8 34.2



#26
2,2-Dichloropropane
Concen: 5.037 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 77 Resp: 24997
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.7



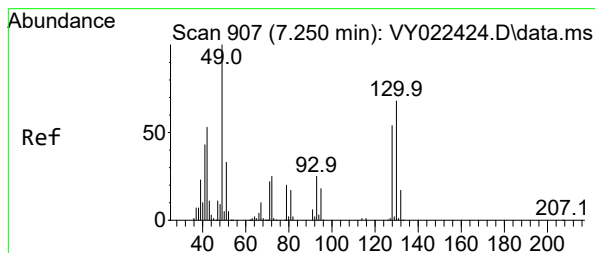
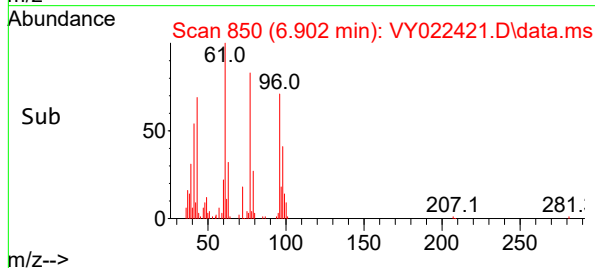
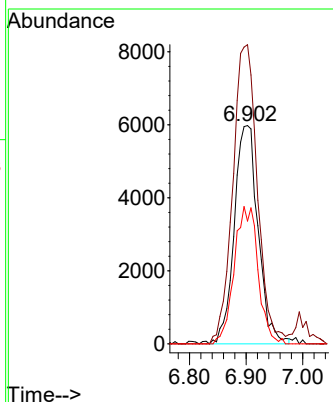
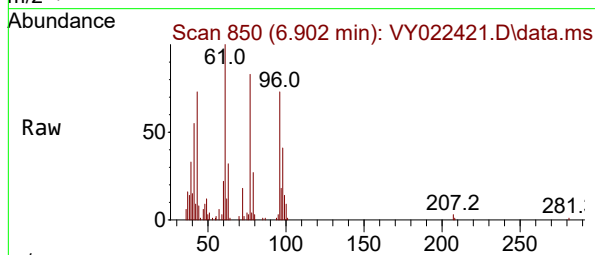


#27
 cis-1,2-Dichloroethene
 Concen: 4.944 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY022421.D
 Acq: 27 May 2025 08:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 17459

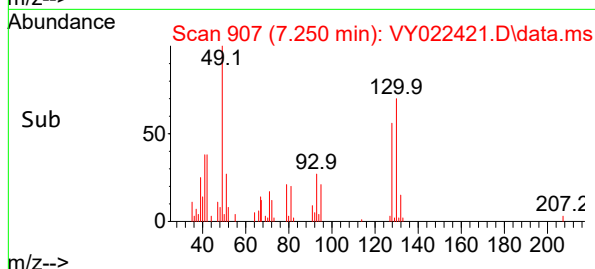
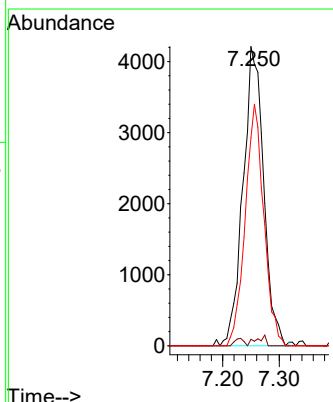
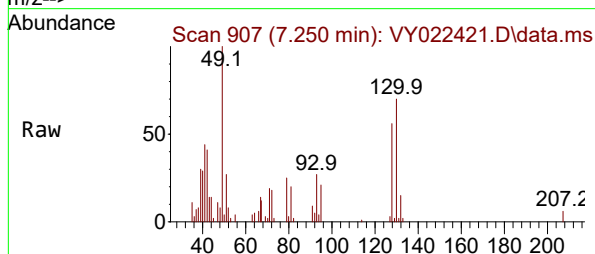
Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	292.0
98	63.1	0.0	131.0

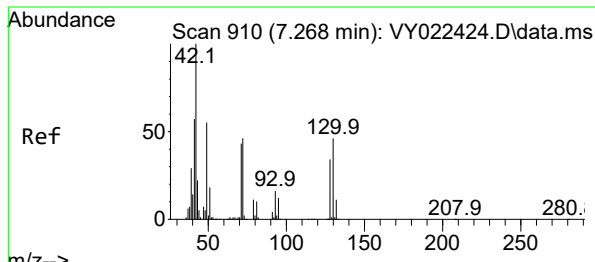


#28
 Bromochloromethane
 Concen: 4.657 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY022421.D
 Acq: 27 May 2025 08:50

Tgt Ion: 49 Resp: 10658

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	72.8	56.9	85.3

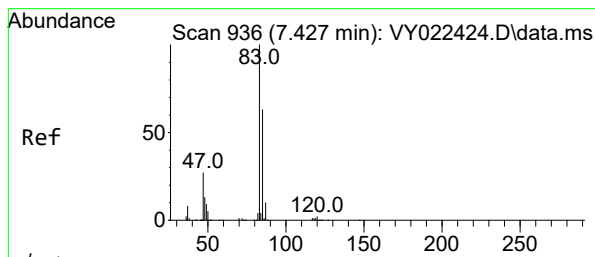
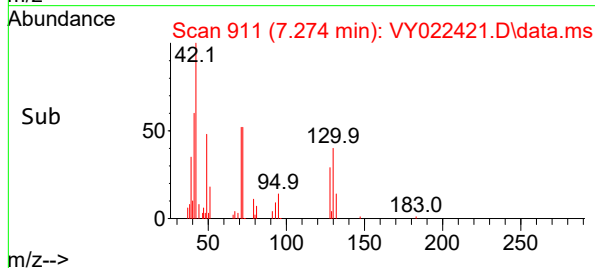
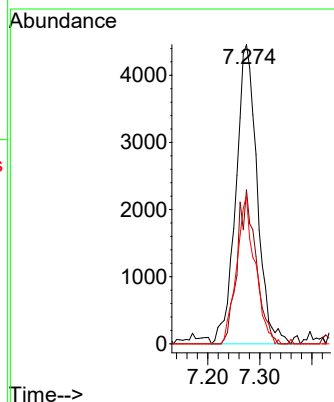
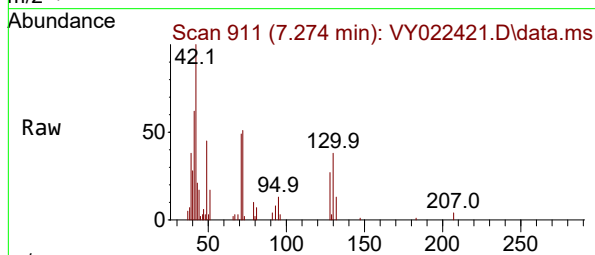




#29
Tetrahydrofuran
Concen: 24.613 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

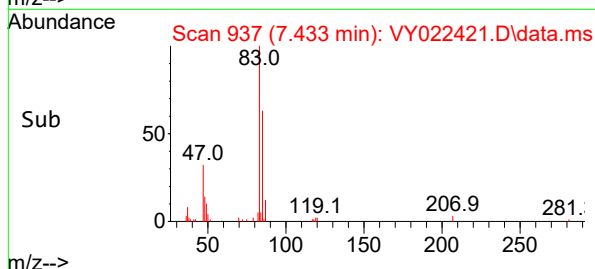
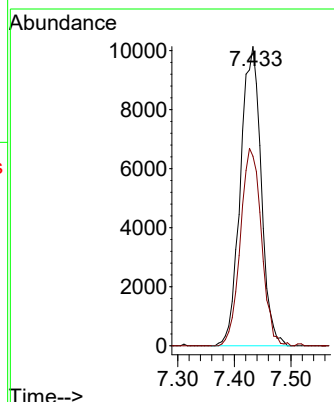
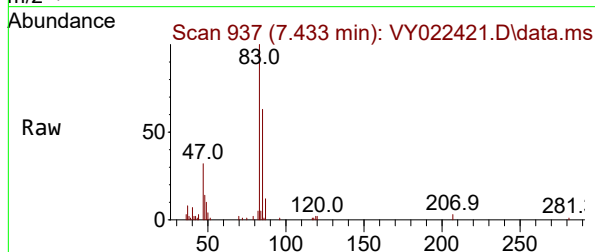
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

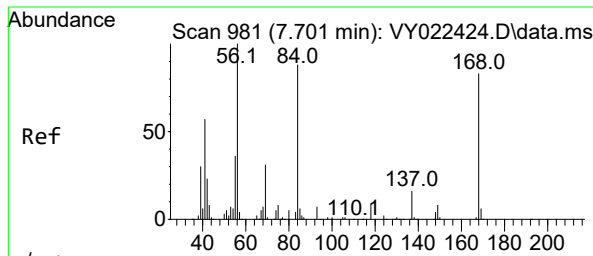
Tgt Ion: 42 Resp: 12618
Ion Ratio Lower Upper
42 100
72 45.6 37.7 56.5
71 43.1 34.7 52.1



#30
Chloroform
Concen: 4.771 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 83 Resp: 25766
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1

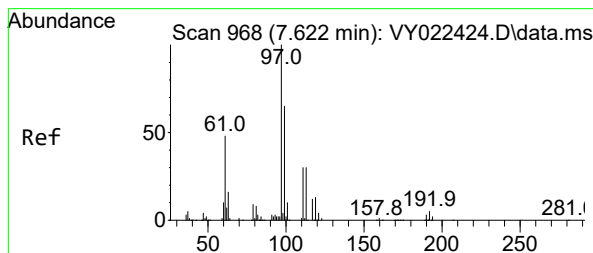
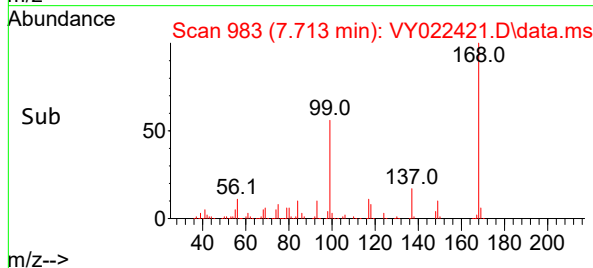
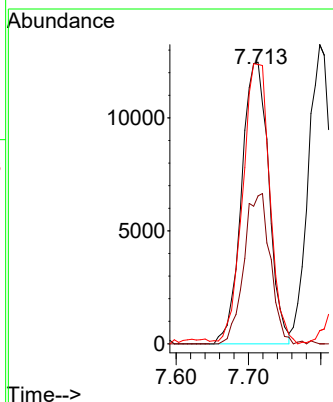
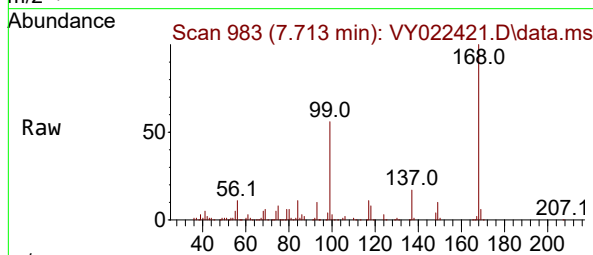




#31
Cyclohexane
Concen: 6.024 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

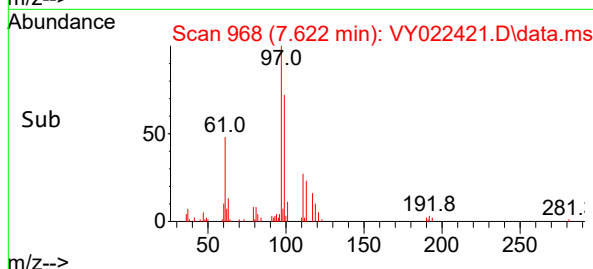
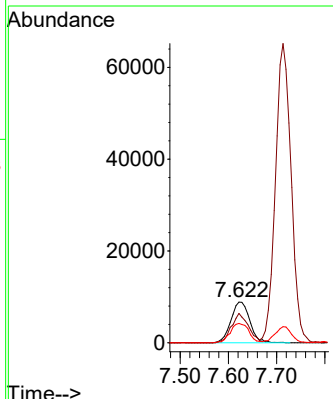
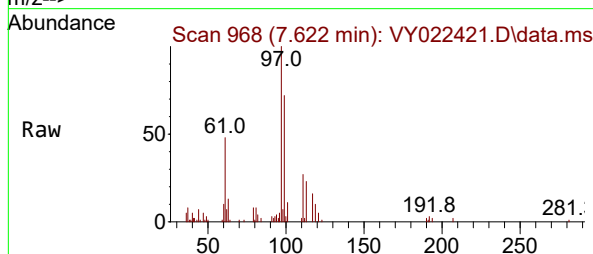
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

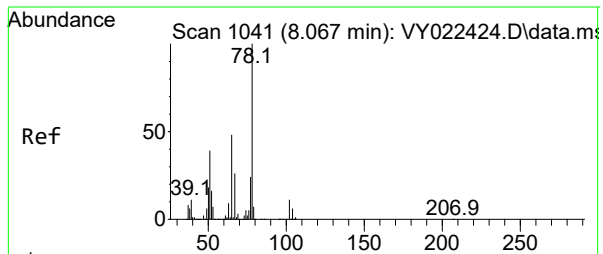
Tgt Ion: 56 Resp: 32546
Ion Ratio Lower Upper
56 100
69 52.5 24.6 36.8#
84 98.3 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 4.896 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 97 Resp: 23999
Ion Ratio Lower Upper
97 100
99 65.1 51.3 76.9
61 47.1 37.3 55.9

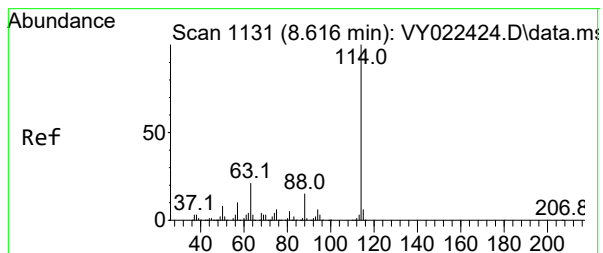
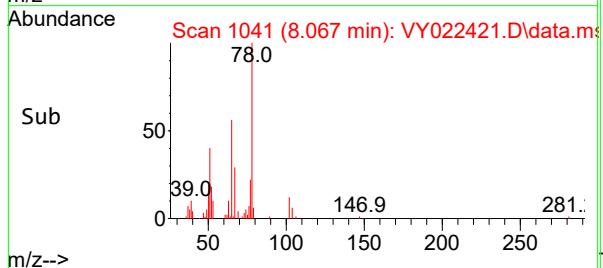
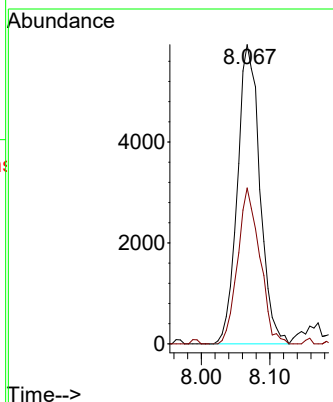
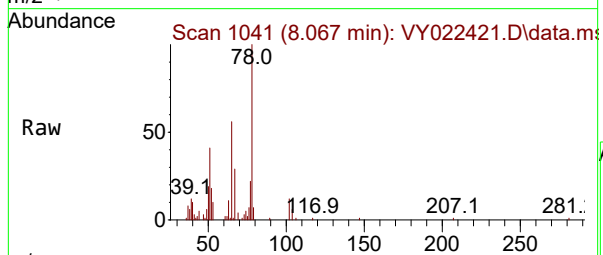




#33
 1,2-Dichloroethane-d4
 Concen: 4.811 ug/l
 RT: 8.067 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VY022421.D
 Acq: 27 May 2025 08:50

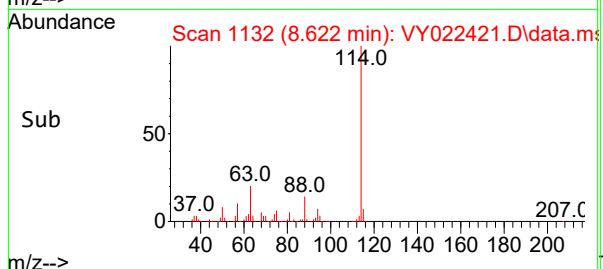
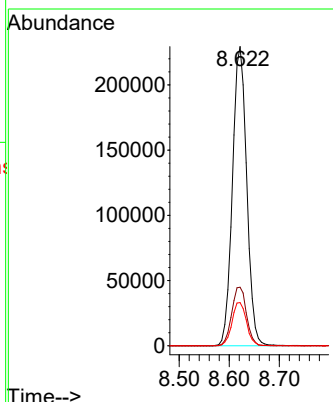
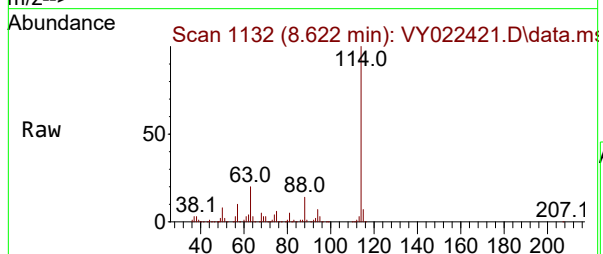
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

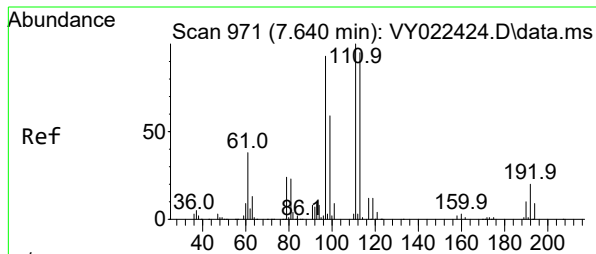
Tgt Ion: 65 Resp: 13513
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. 0.006 min
 Lab File: VY022421.D
 Acq: 27 May 2025 08:50

Tgt Ion: 114 Resp: 453411
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.6
 88 14.4 0.0 29.4

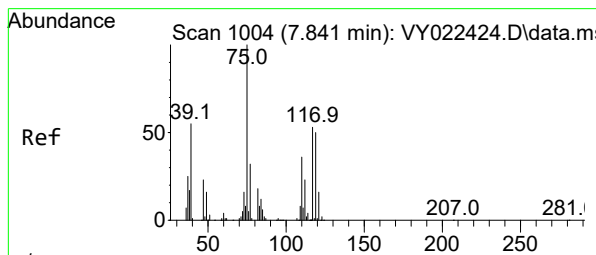
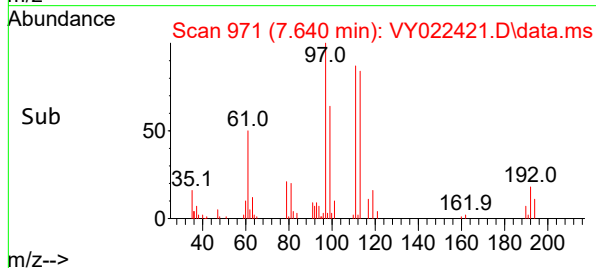
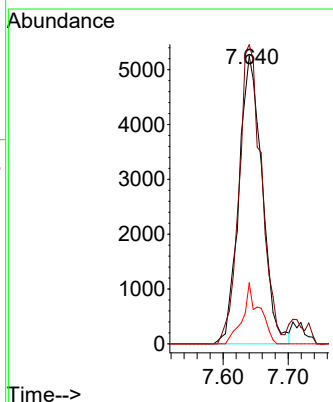
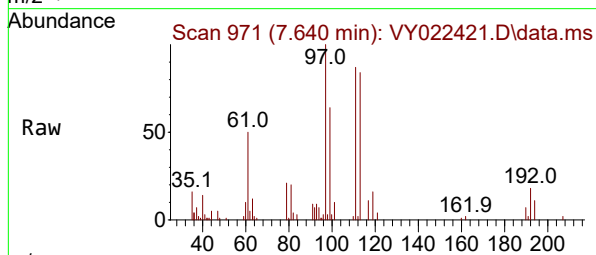




#35
Dibromofluoromethane
Concen: 4.898 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

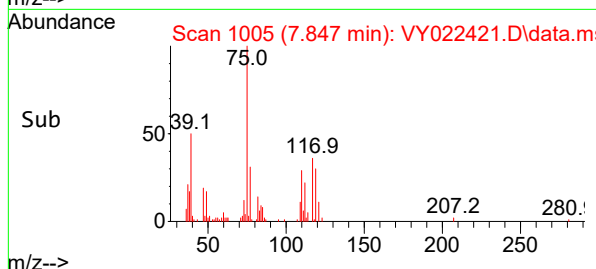
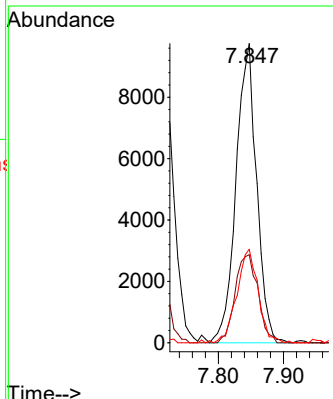
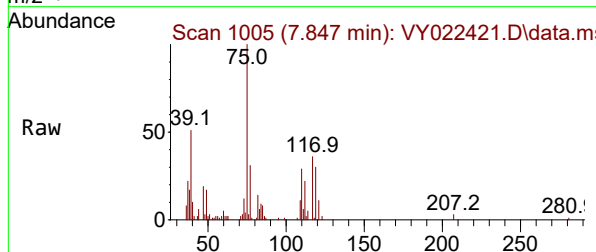
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

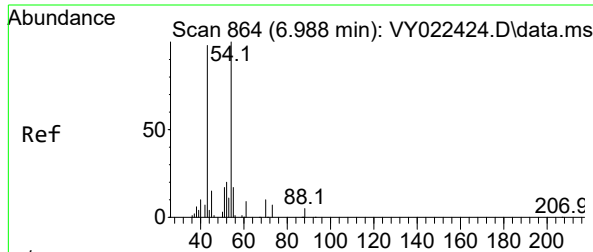
Tgt Ion:113 Resp: 13007
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 15.3 15.2 22.8



#36
1,1-Dichloropropene
Concen: 5.079 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 75 Resp: 21399
Ion Ratio Lower Upper
75 100
110 32.6 17.1 51.2
77 32.5 25.1 37.7



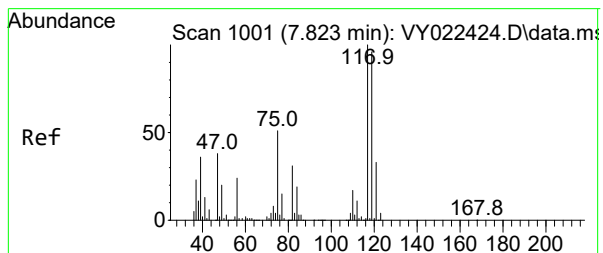
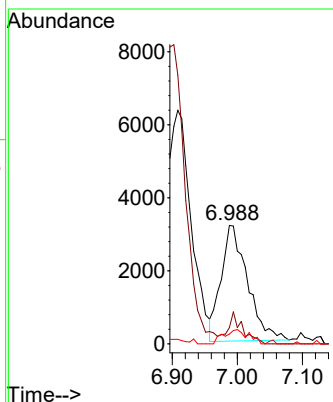
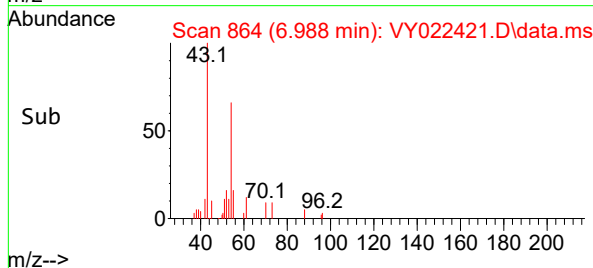
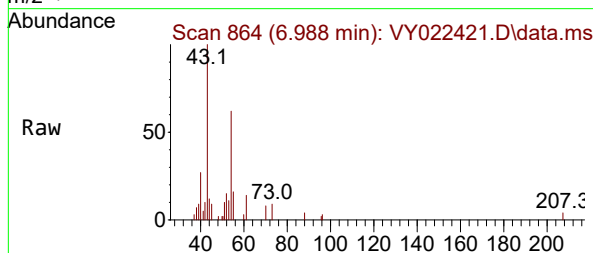


#37
Ethyl Acetate
Concen: 5.000 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 8953

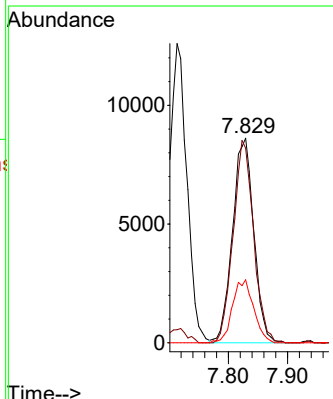
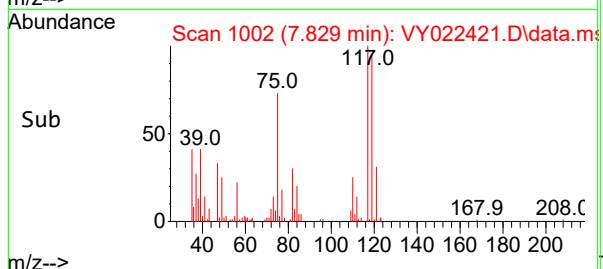
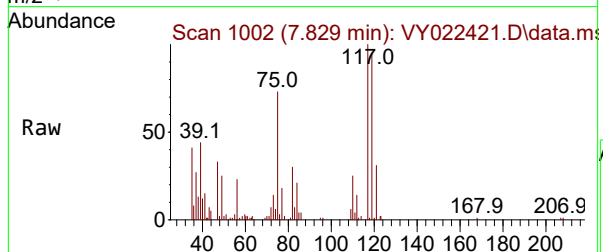
Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.7	17.5
70	11.4	7.8	11.6

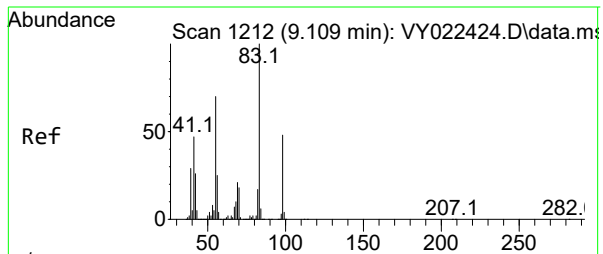


#38
Carbon Tetrachloride
Concen: 4.888 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 117 Resp: 21453

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.3	114.5
121	30.8	26.1	39.1

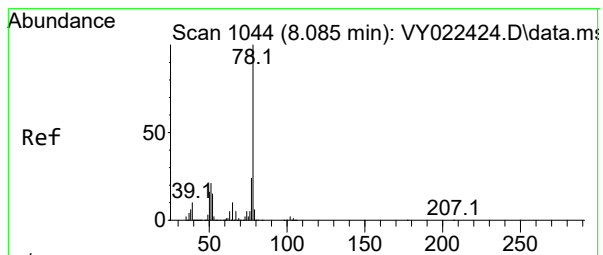
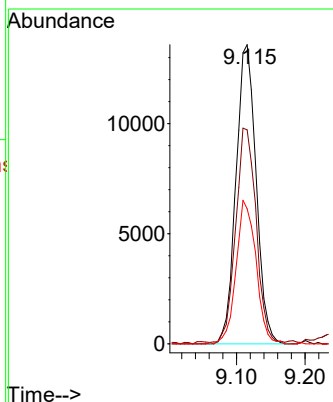
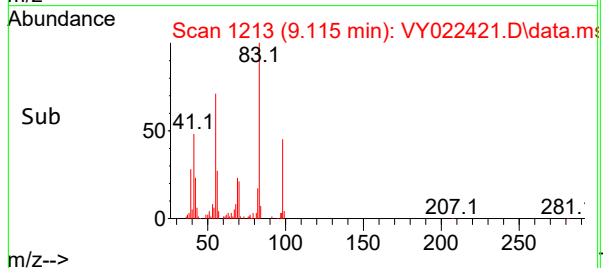
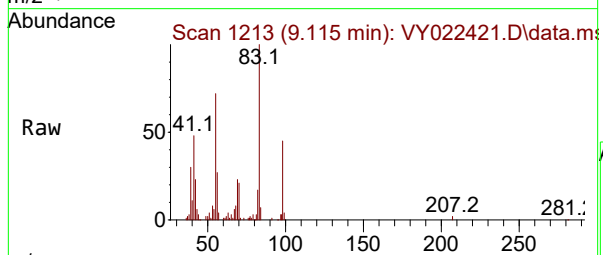




#39
Methylcyclohexane
Concen: 4.948 ug/l
RT: 9.115 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

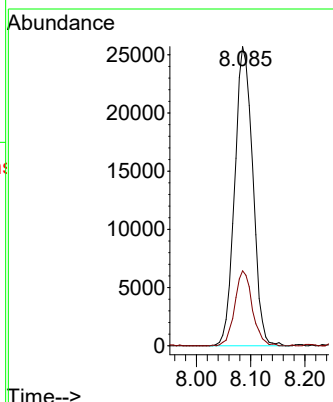
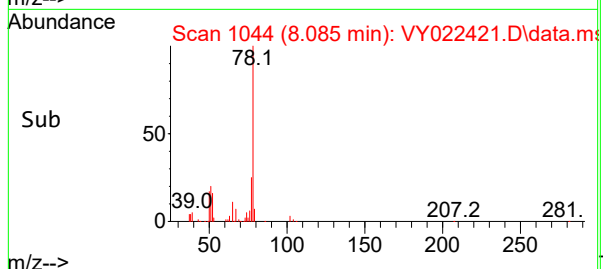
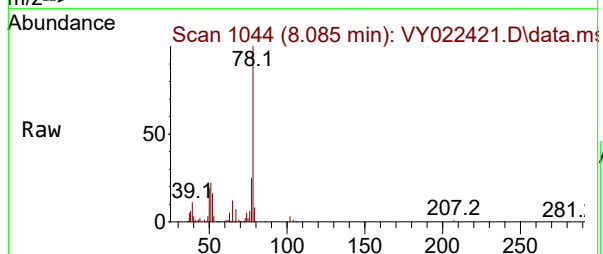
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

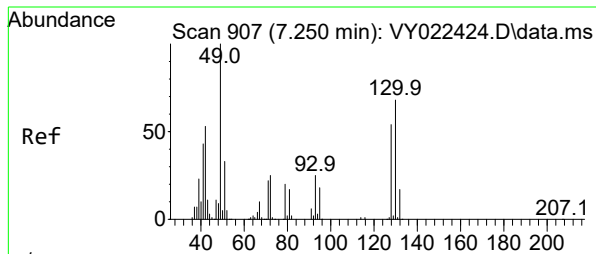
Tgt Ion: 83 Resp: 27716
Ion Ratio Lower Upper
83 100
55 71.0 56.2 84.2
98 45.1 38.4 57.6



#40
Benzene
Concen: 4.732 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 78 Resp: 59324
Ion Ratio Lower Upper
78 100
77 25.1 19.4 29.2

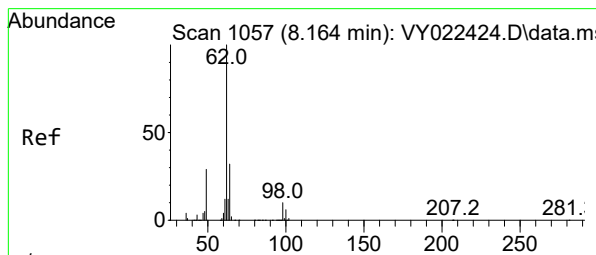
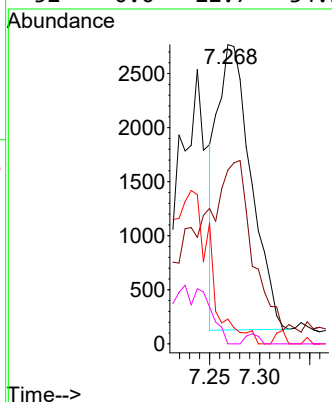
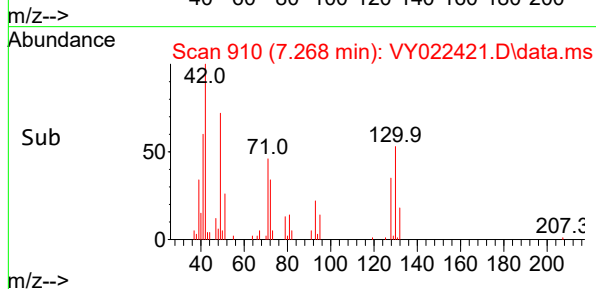
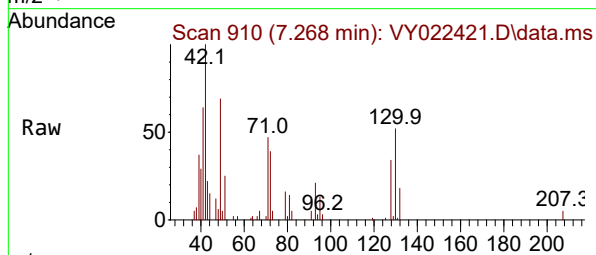




#41
Methacrylonitrile
Concen: 2.635 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

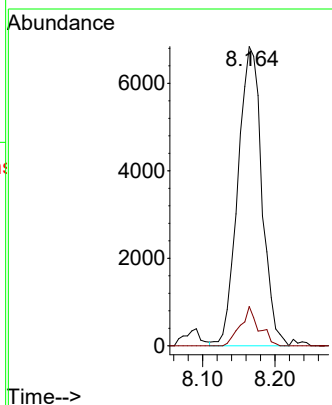
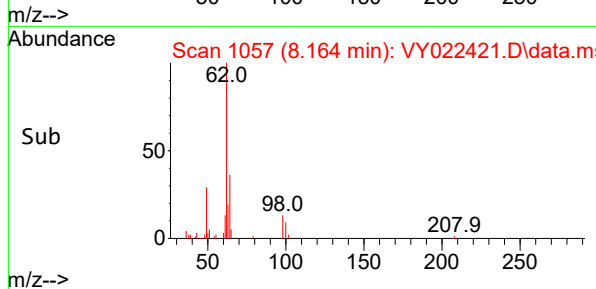
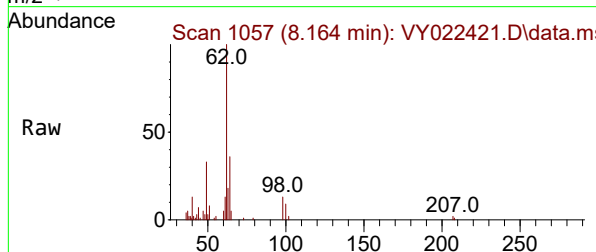
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

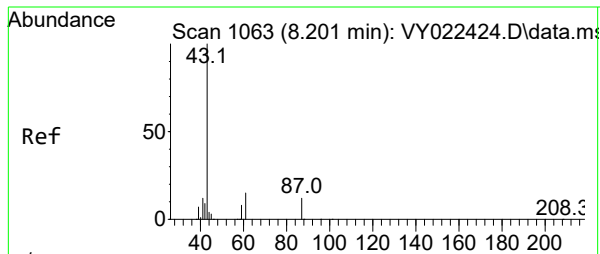
Tgt Ion: 41 Resp: 6209
Ion Ratio Lower Upper
41 100
39 0.0 40.4 60.6#
67 0.0 53.0 79.4#
52 0.0 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 4.764 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 62 Resp: 15776
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.4

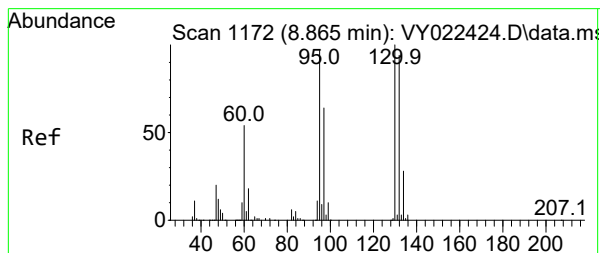
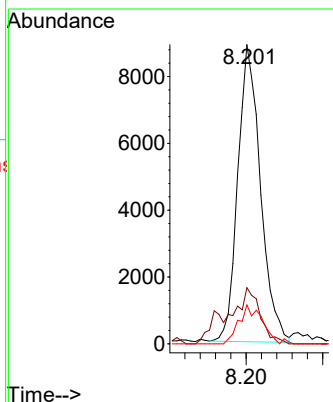
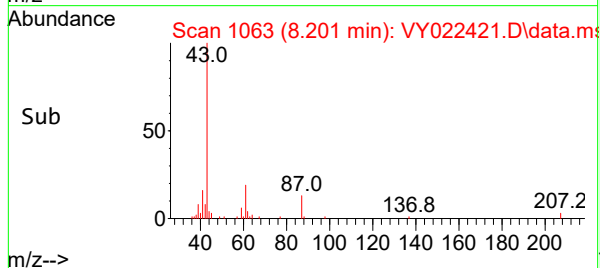
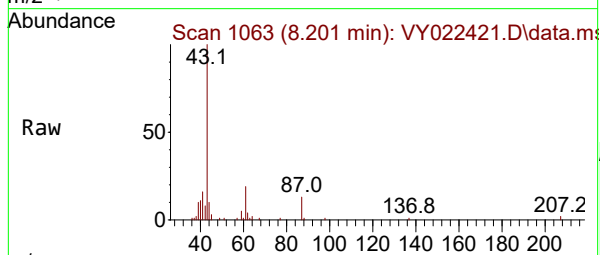




#43
Isopropyl Acetate
Concen: 4.662 ug/l
RT: 8.201 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

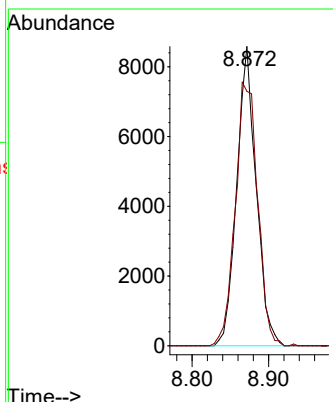
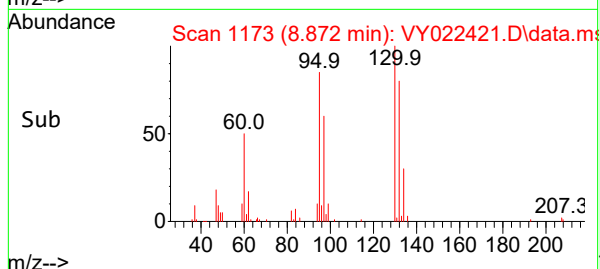
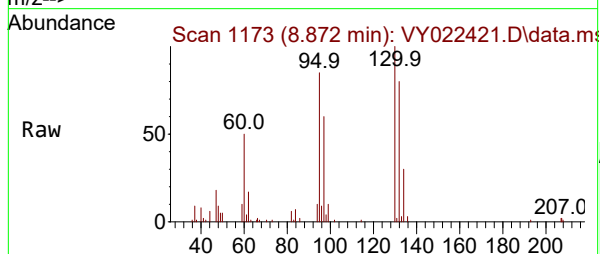
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

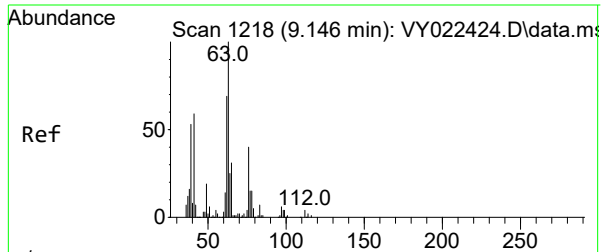
Tgt Ion: 43 Resp: 18244
Ion Ratio Lower Upper
43 100
61 20.5 15.4 23.0
87 13.3 10.6 15.8



#44
Trichloroethene
Concen: 4.882 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 130 Resp: 15132
Ion Ratio Lower Upper
130 100
95 85.1 0.0 194.8

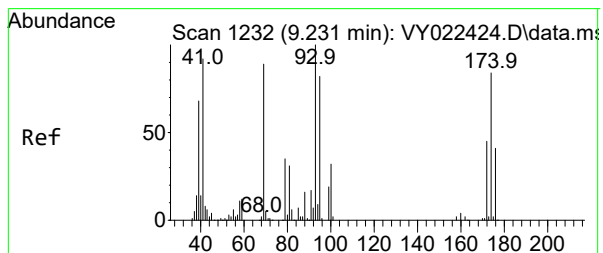
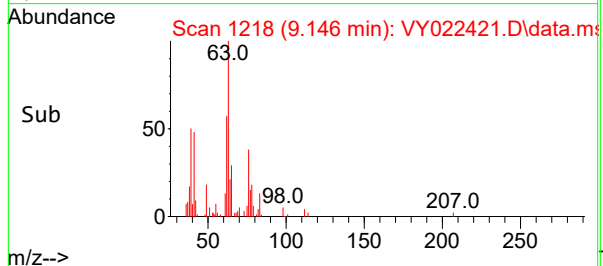
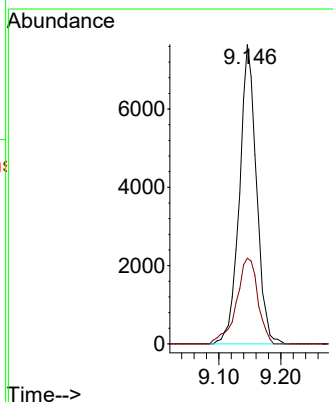
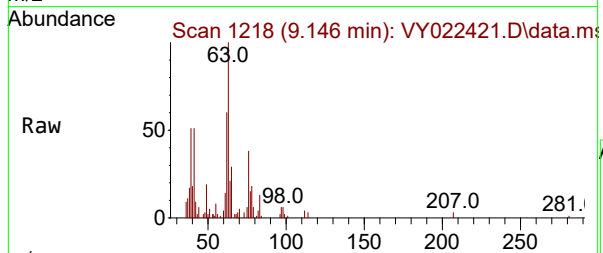




#45
1,2-Dichloropropane
Concen: 4.935 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

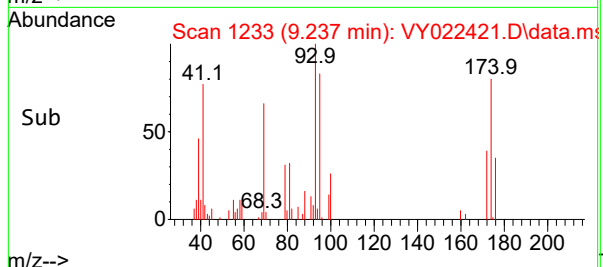
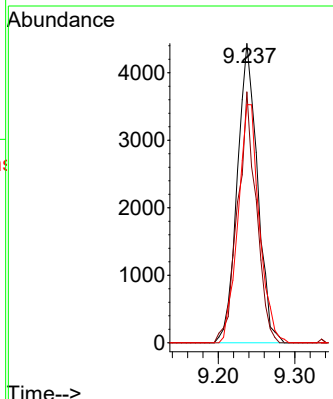
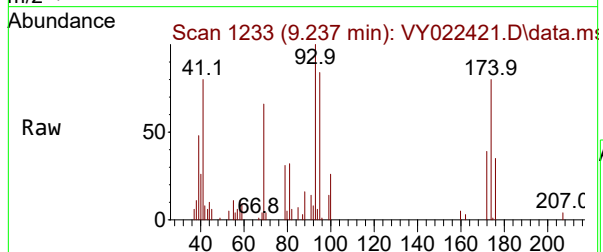
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

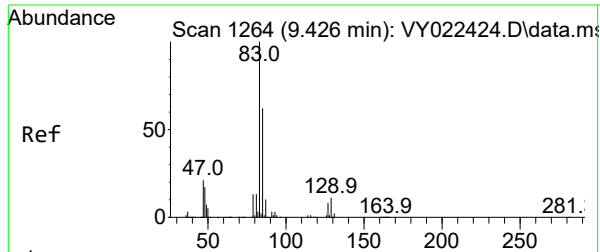
Tgt Ion: 63 Resp: 14536
Ion Ratio Lower Upper
63 100
65 28.6 25.1 37.7



#46
Dibromomethane
Concen: 4.948 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 93 Resp: 8142
Ion Ratio Lower Upper
93 100
95 77.0 66.2 99.2
174 83.4 71.1 106.7

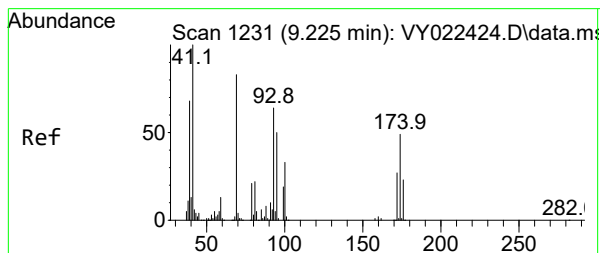
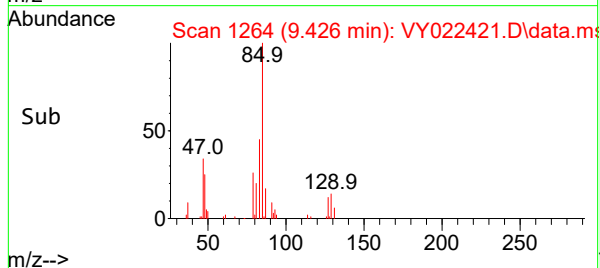
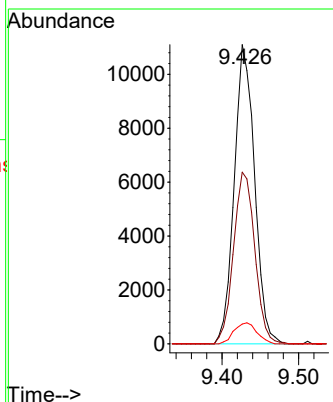
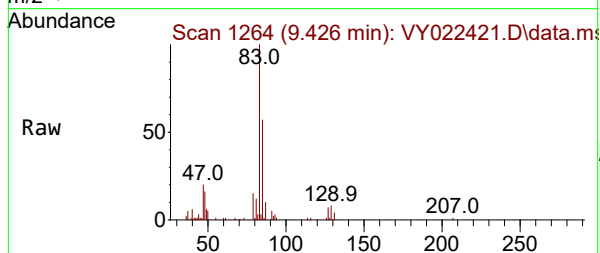




#47
Bromodichloromethane
Concen: 4.839 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

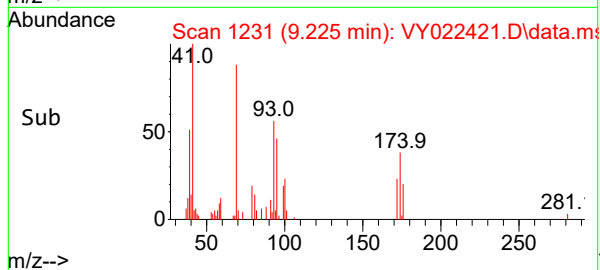
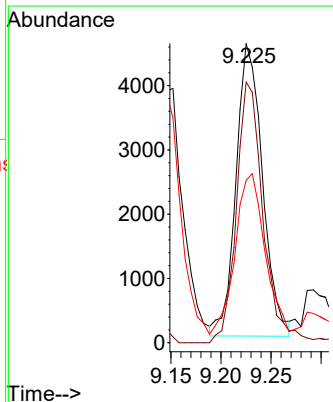
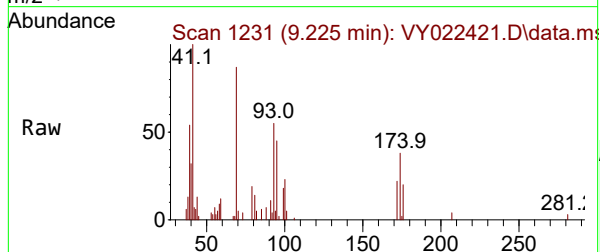
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

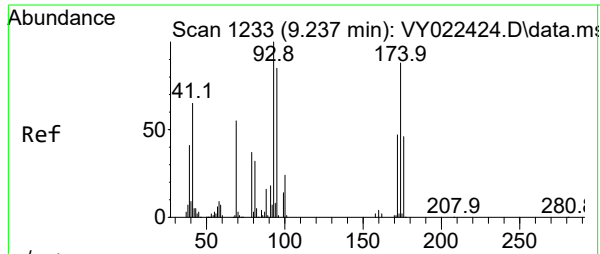
Tgt Ion: 83 Resp: 20477
Ion Ratio Lower Upper
83 100
85 57.4 49.8 74.6
127 6.6 6.6 9.8



#48
Methyl methacrylate
Concen: 4.619 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 41 Resp: 8390
Ion Ratio Lower Upper
41 100
69 89.2 70.3 105.5
39 61.6 55.4 83.0

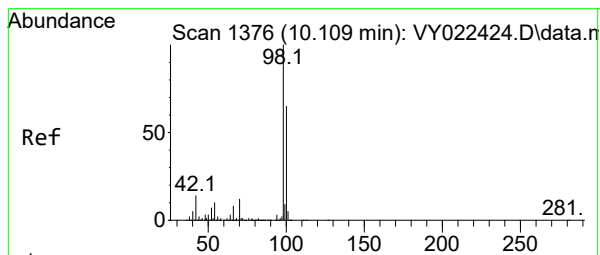
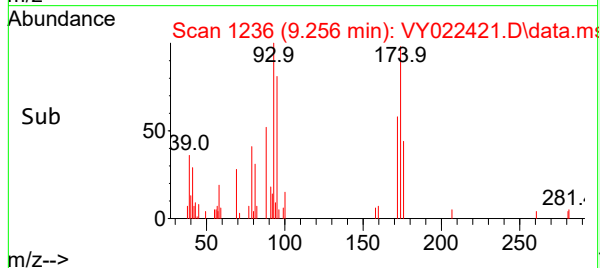
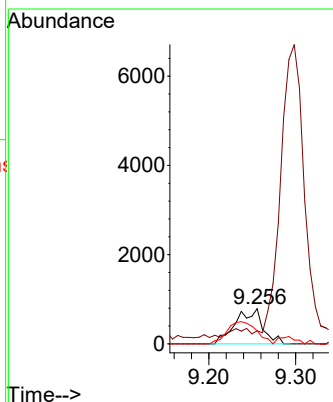
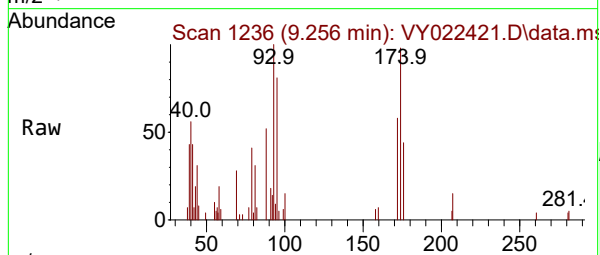




#49
1,4-Dioxane
Concen: 94.135 ug/l
RT: 9.256 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

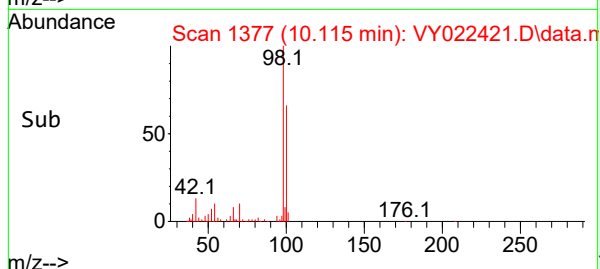
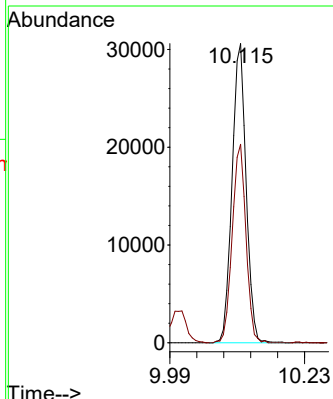
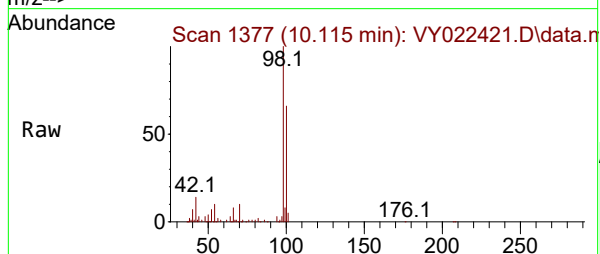
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

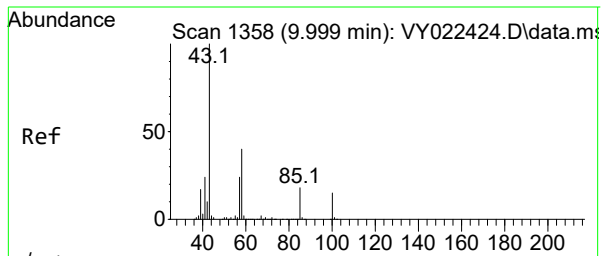
Tgt Ion: 88 Resp: 1711
Ion Ratio Lower Upper
88 100
43 0.0 26.9 40.3#
58 68.2 55.8 83.6



#50
Toluene-d8
Concen: 4.856 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 98 Resp: 52564
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

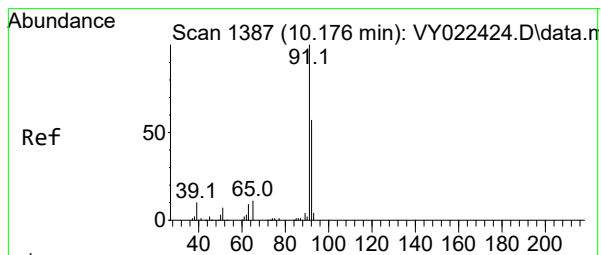
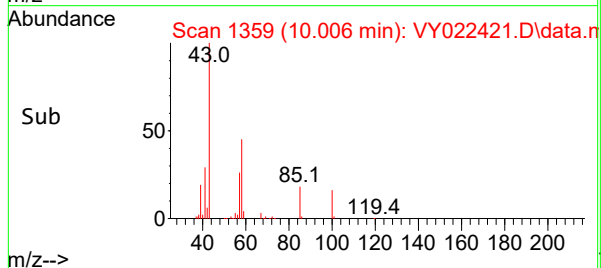
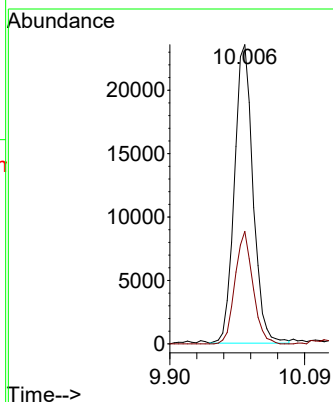
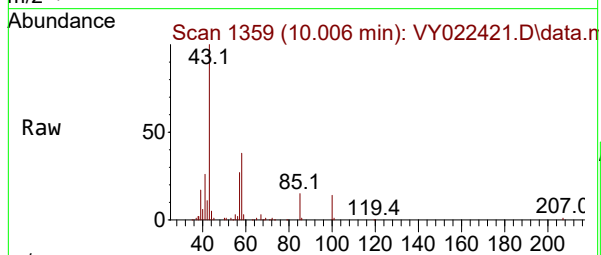




#51
4-Methyl-2-Pentanone
Concen: 21.778 ug/l
RT: 10.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

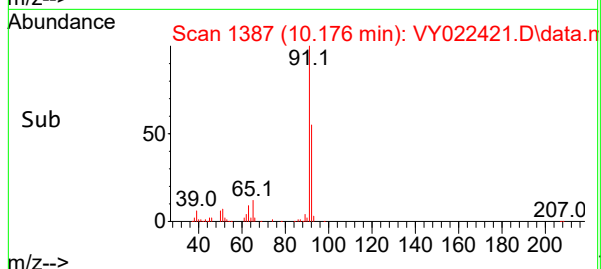
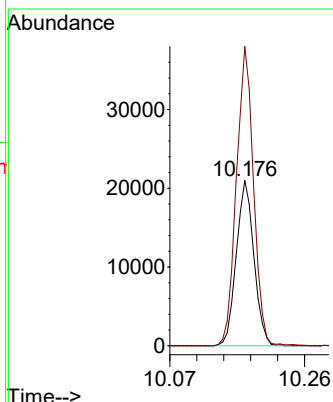
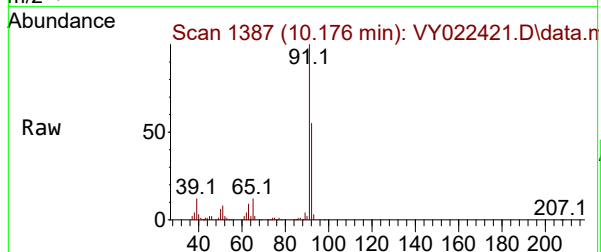
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

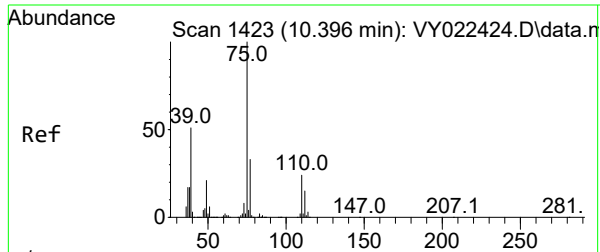
Tgt Ion: 43 Resp: 42047
Ion Ratio Lower Upper
43 100
58 36.1 31.2 46.8



#52
Toluene
Concen: 4.527 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 92 Resp: 35452
Ion Ratio Lower Upper
92 100
91 176.7 139.8 209.6

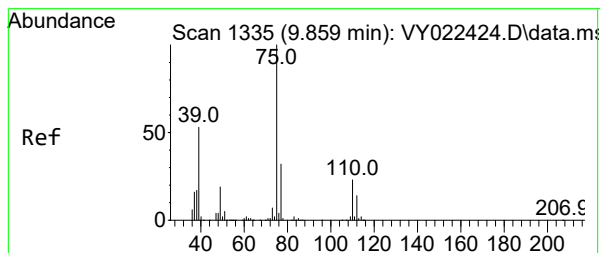
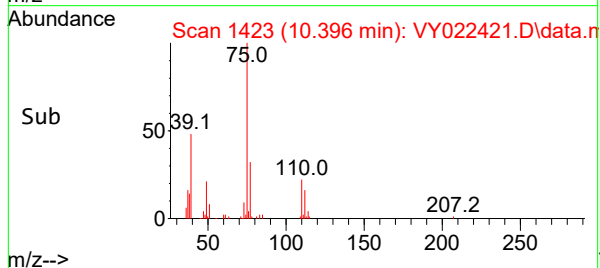
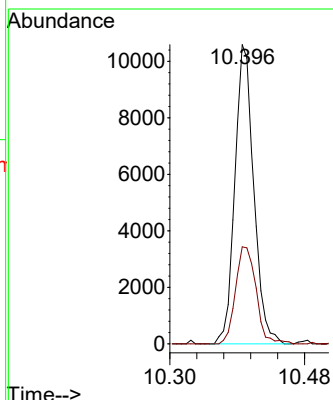
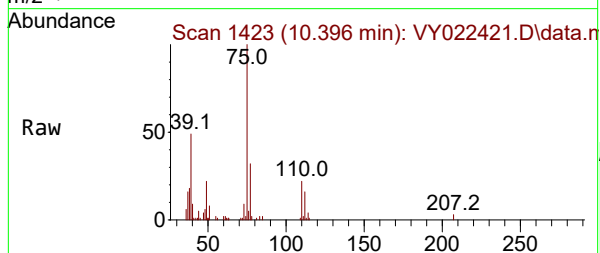




#53
t-1,3-Dichloropropene
Concen: 4.596 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

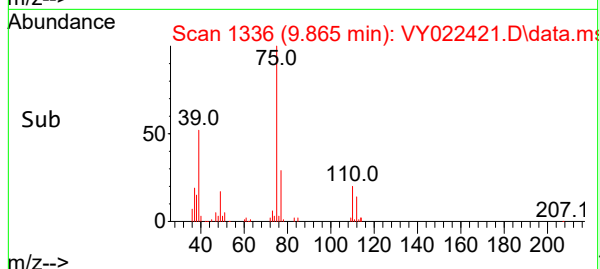
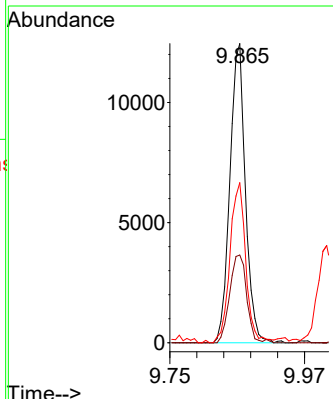
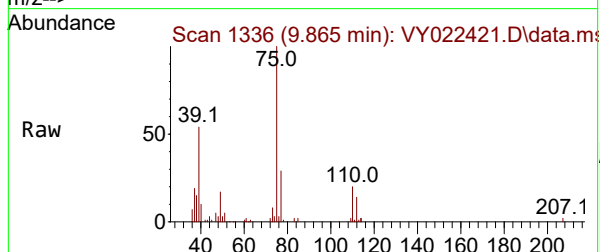
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

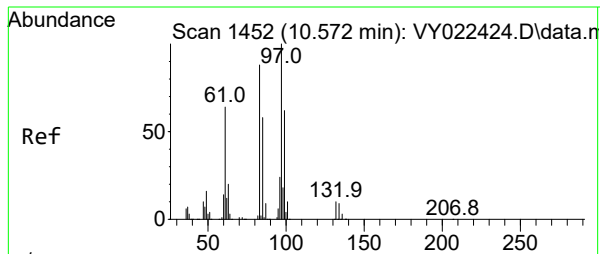
Tgt Ion: 75 Resp: 18117
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 4.671 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 75 Resp: 21634
Ion Ratio Lower Upper
75 100
77 29.3 25.4 38.2
39 53.5 42.5 63.7

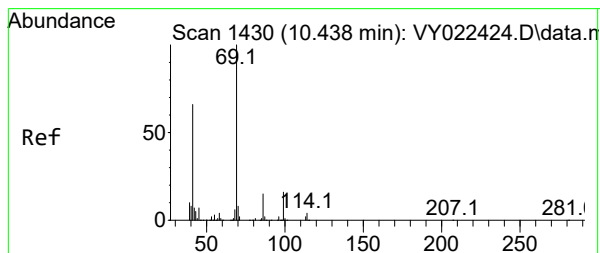
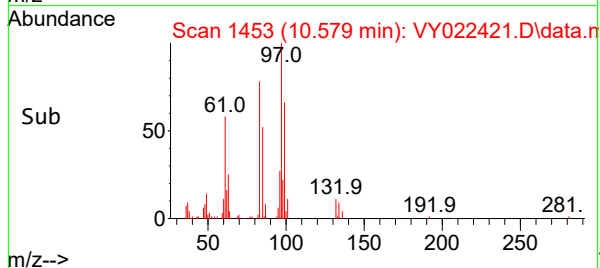
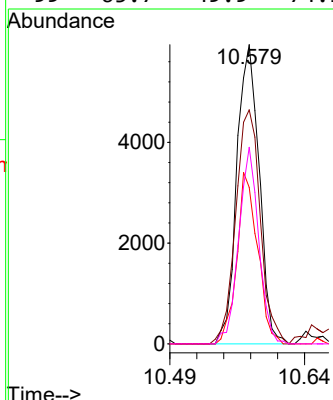
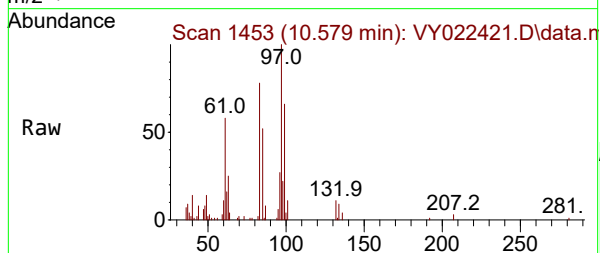




#55
1,1,2-Trichloroethane
Concen: 4.765 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

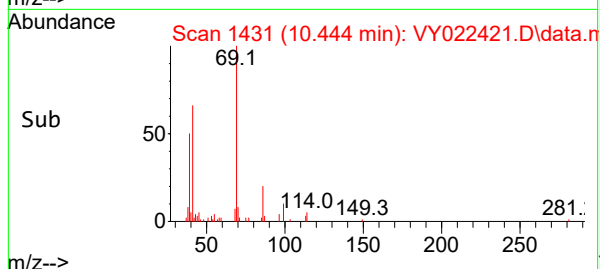
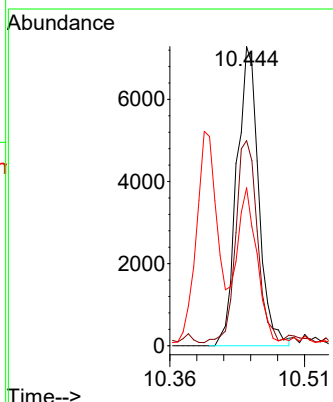
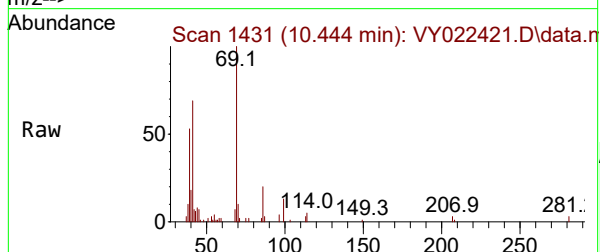
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

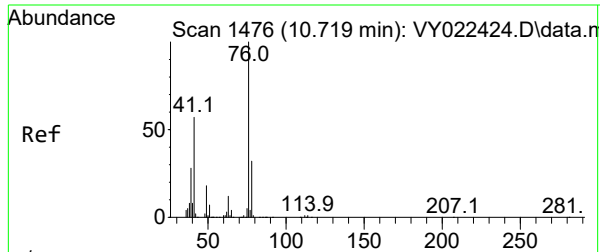
Tgt Ion: 97 Resp: 9913
Ion Ratio Lower Upper
97 100
83 78.2 70.2 105.4
85 52.3 46.1 69.1
99 65.7 49.9 74.9



#56
Ethyl methacrylate
Concen: 4.258 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 69 Resp: 12714
Ion Ratio Lower Upper
69 100
41 68.6 51.2 76.8
39 48.3 35.2 52.8

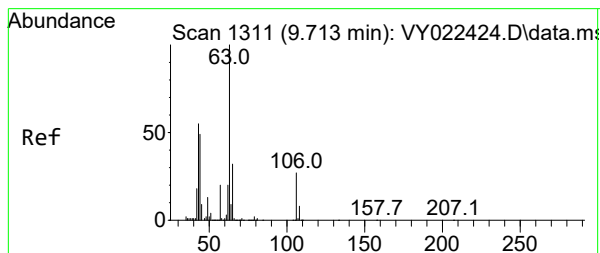
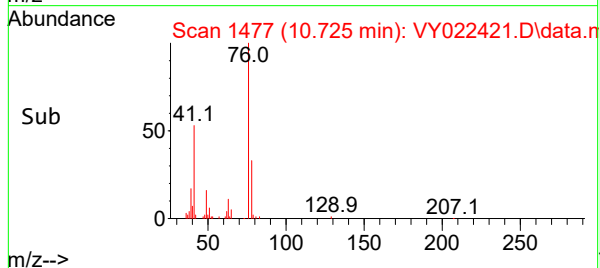
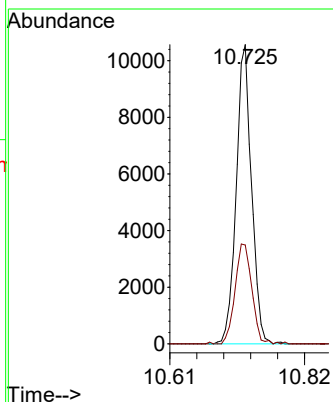
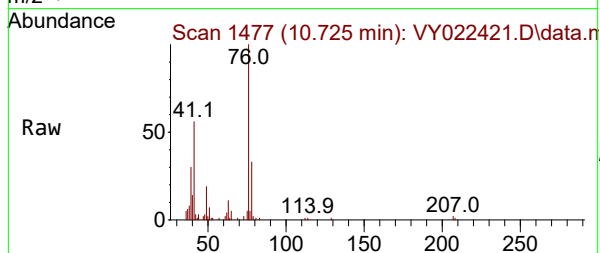




#57
 1,3-Dichloropropane
 Concen: 4.689 ug/l
 RT: 10.725 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VY022421.D
 Acq: 27 May 2025 08:50

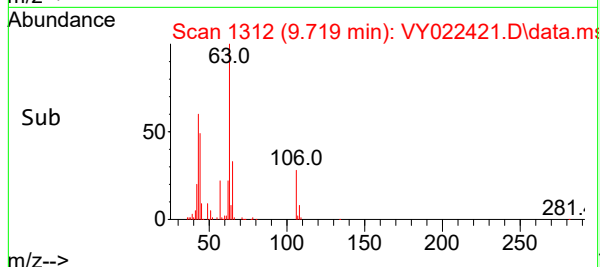
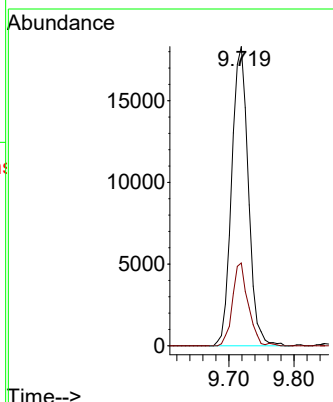
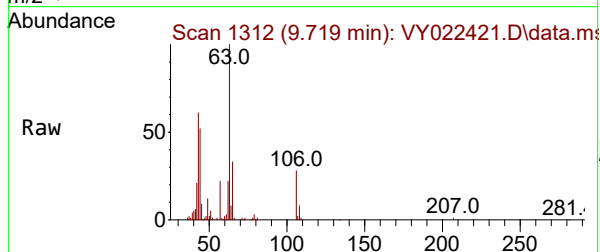
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

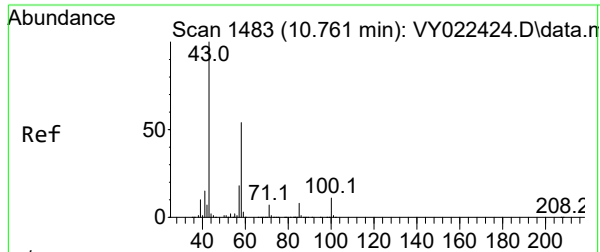
Tgt Ion: 76 Resp: 17193
 Ion Ratio Lower Upper
 76 100
 78 36.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.845 ug/l
 RT: 9.719 min Scan# 1312
 Delta R.T. 0.006 min
 Lab File: VY022421.D
 Acq: 27 May 2025 08:50

Tgt Ion: 63 Resp: 32506
 Ion Ratio Lower Upper
 63 100
 106 25.7 22.2 33.2

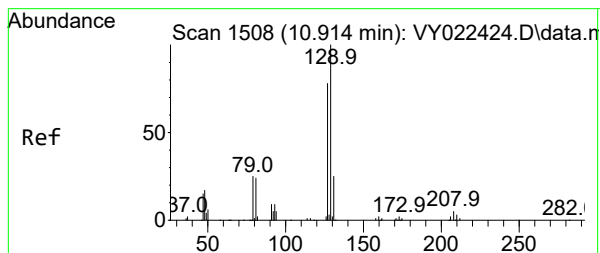
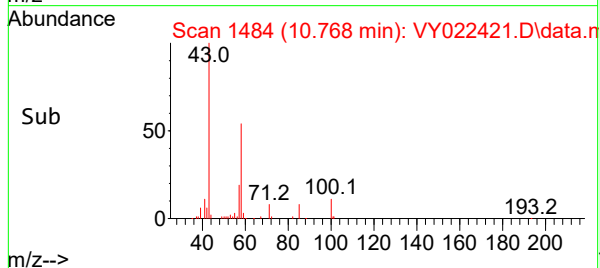
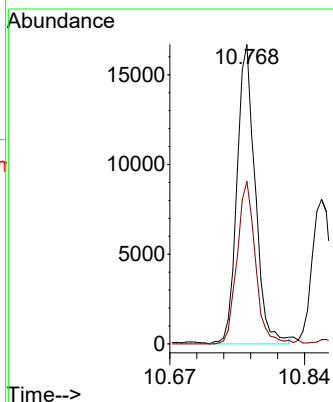
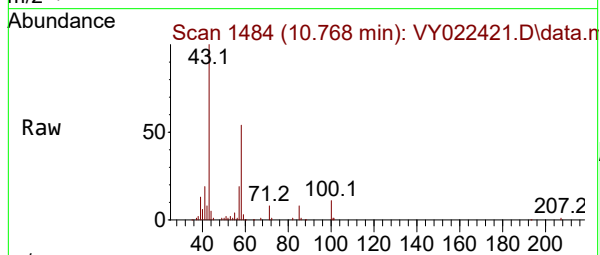




#59
2-Hexanone
Concen: 21.739 ug/l
RT: 10.768 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

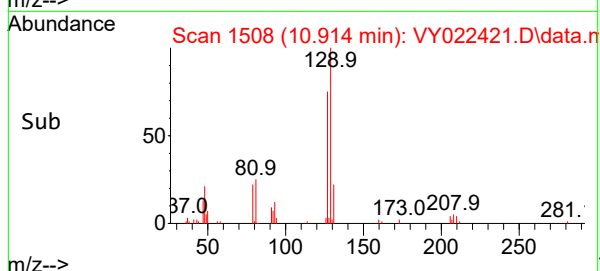
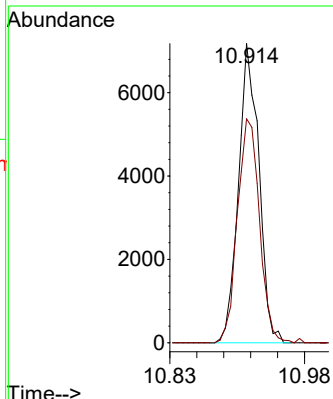
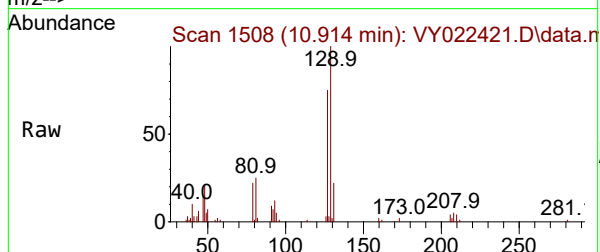
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

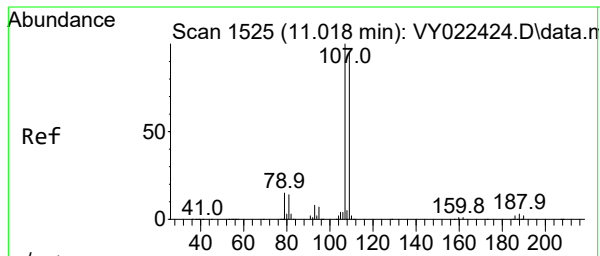
Tgt Ion: 43 Resp: 27506
Ion Ratio Lower Upper
43 100
58 55.0 27.1 81.2



#60
Dibromochloromethane
Concen: 4.405 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 129 Resp: 11708
Ion Ratio Lower Upper
129 100
127 81.0 38.3 114.8

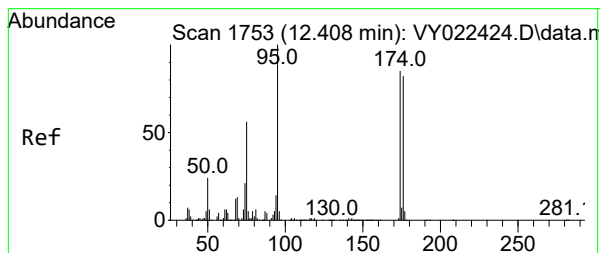
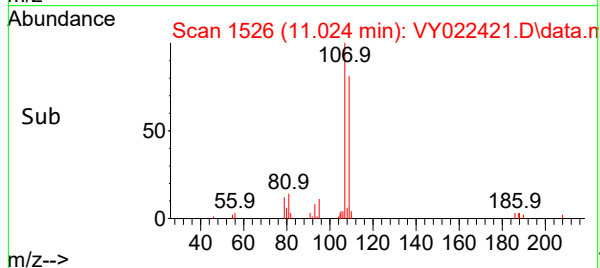
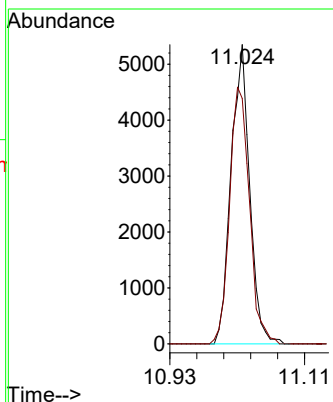
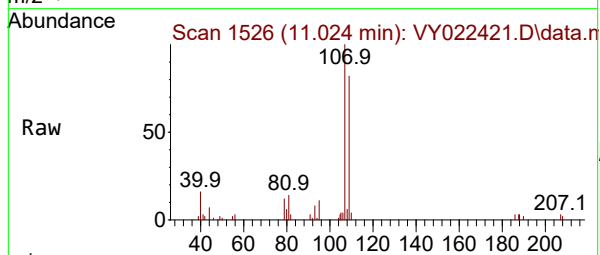




#61
1,2-Dibromoethane
Concen: 4.739 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

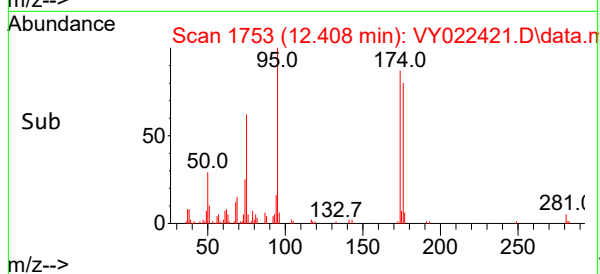
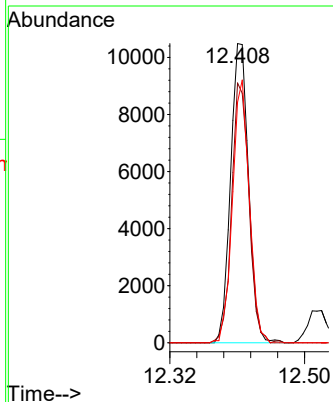
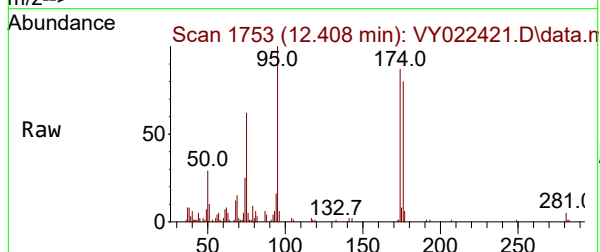
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

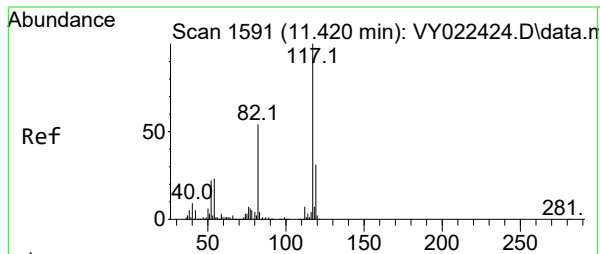
Tgt Ion: 107 Resp: 9019
Ion Ratio Lower Upper
107 100
109 91.5 74.0 111.0



#62
4-Bromofluorobenzene
Concen: 5.226 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 95 Resp: 17111
Ion Ratio Lower Upper
95 100
174 83.1 0.0 171.6
176 82.2 0.0 164.6

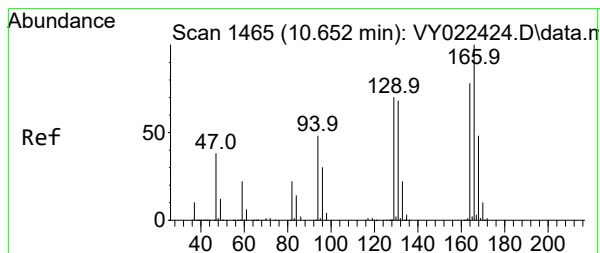
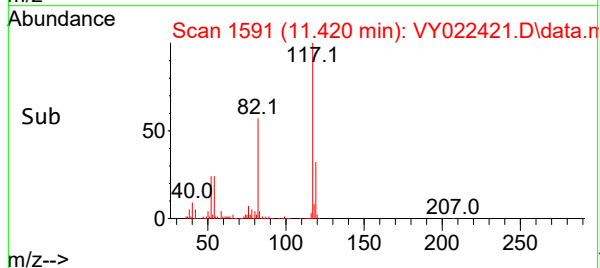
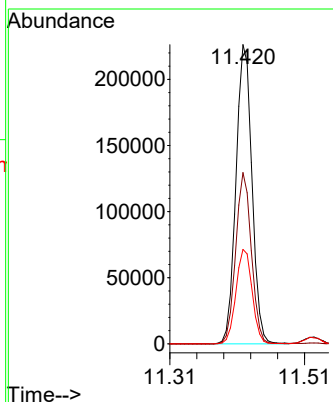
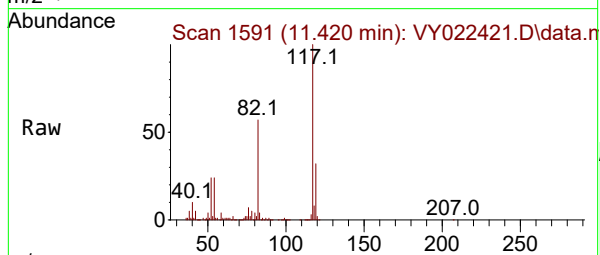




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

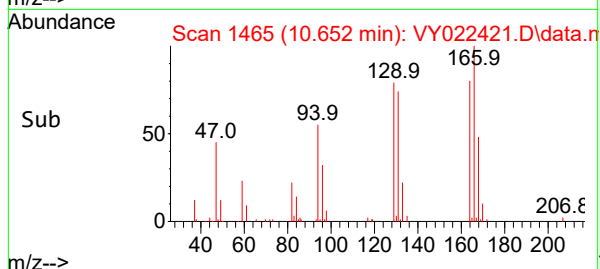
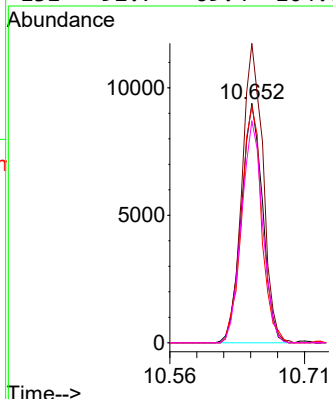
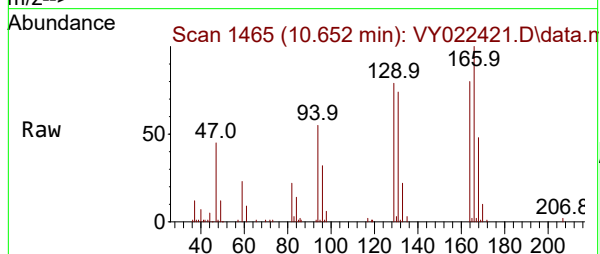
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

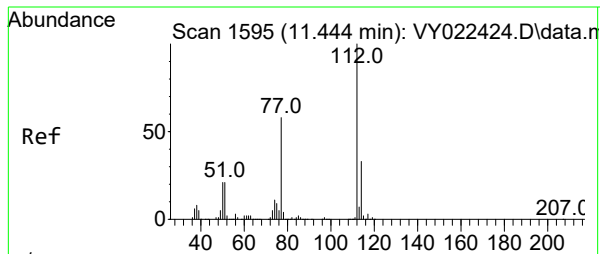
Tgt Ion:117 Resp: 366267
Ion Ratio Lower Upper
117 100
82 57.2 43.3 64.9
119 31.6 24.5 36.7



#64
Tetrachloroethene
Concen: 5.090 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion:164 Resp: 15876
Ion Ratio Lower Upper
164 100
166 125.0 102.0 153.0
129 98.8 71.3 106.9
131 92.7 69.4 104.0

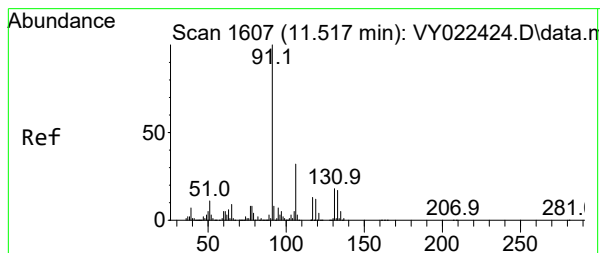
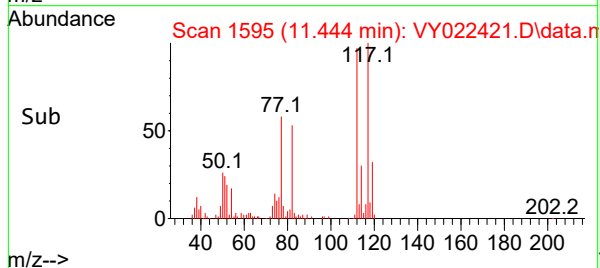
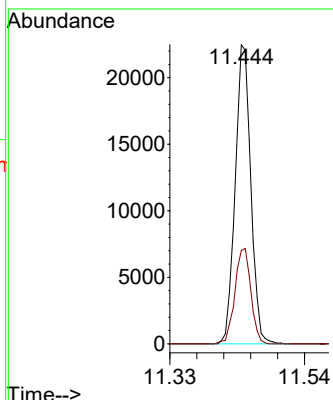
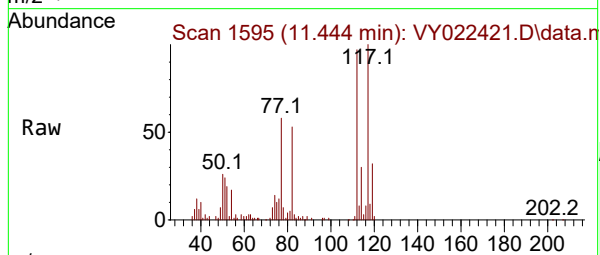




#65
Chlorobenzene
Concen: 4.785 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

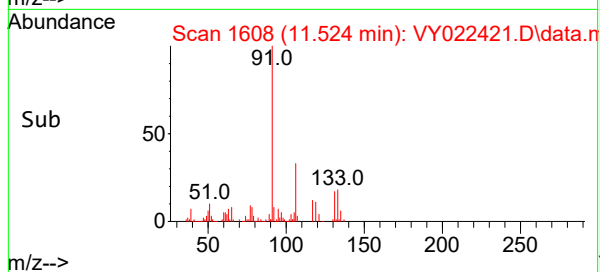
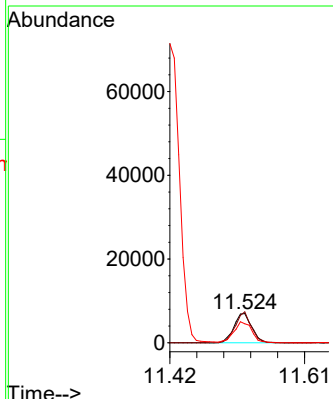
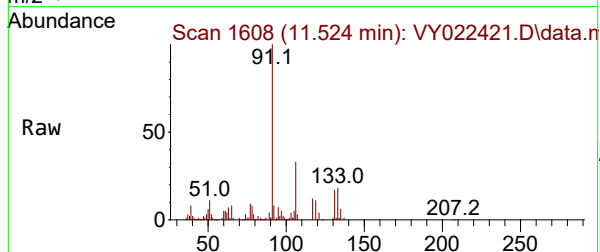
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

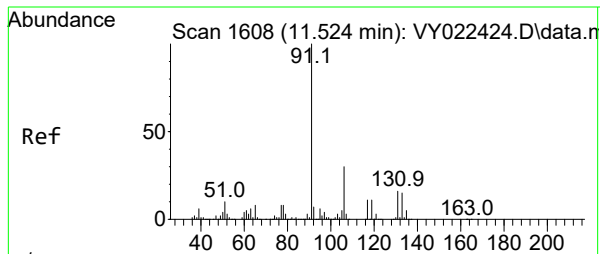
Tgt Ion:112 Resp: 37368
Ion Ratio Lower Upper
112 100
114 31.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 4.508 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion:131 Resp: 11929
Ion Ratio Lower Upper
131 100
133 96.1 46.6 139.8
119 72.1 33.3 99.8

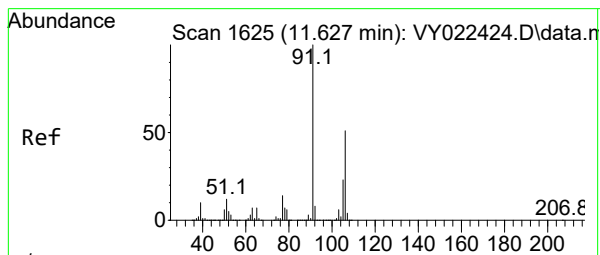
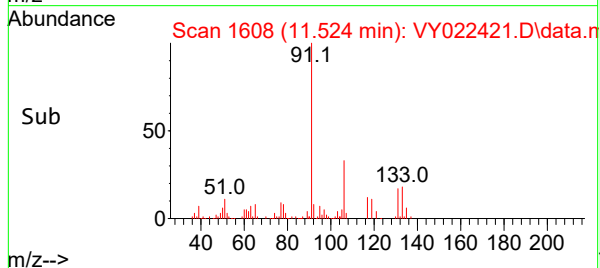
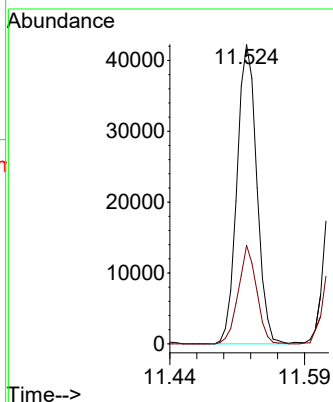
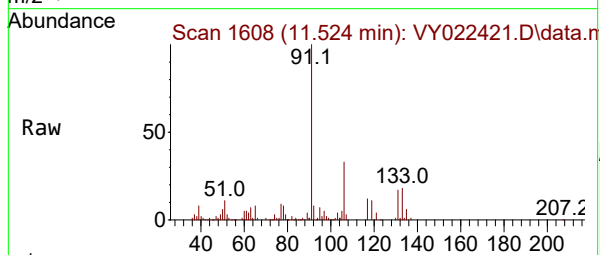




#67
Ethyl Benzene
Concen: 4.603 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

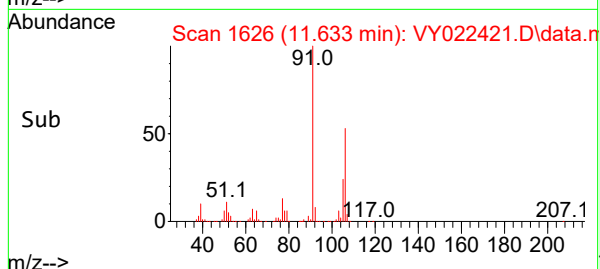
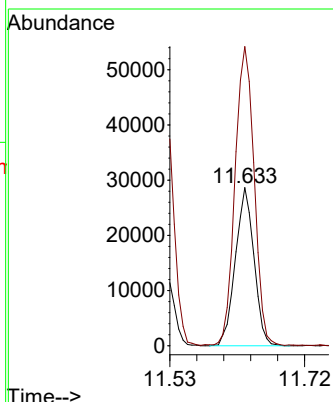
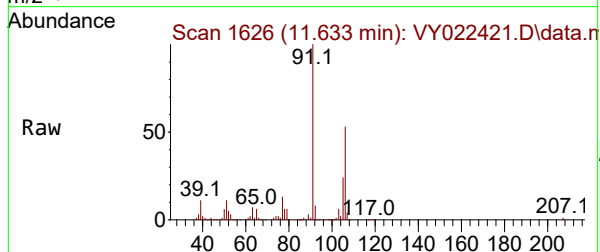
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

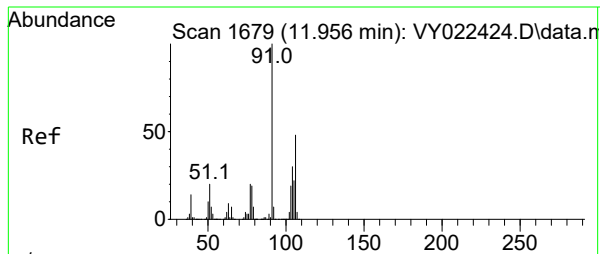
Tgt Ion: 91 Resp: 66757
Ion Ratio Lower Upper
91 100
106 32.9 24.4 36.6



#68
m/p-Xylenes
Concen: 9.296 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 106 Resp: 51109
Ion Ratio Lower Upper
106 100
91 194.5 159.8 239.8

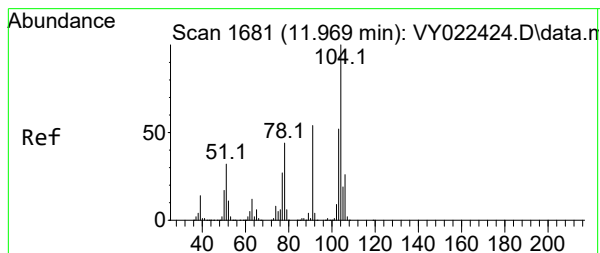
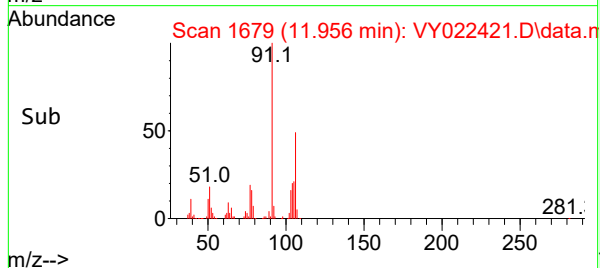
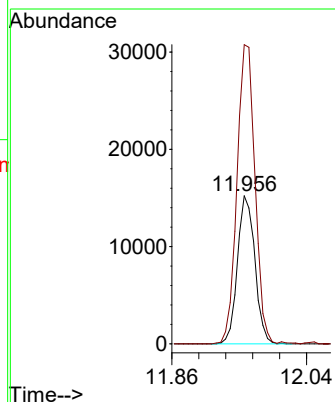
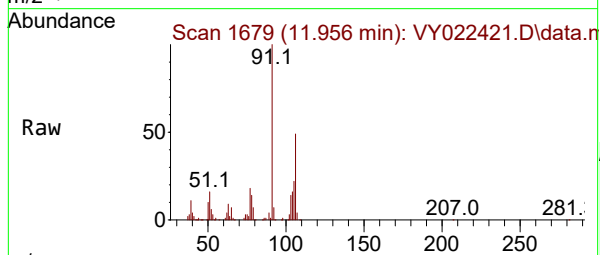




#69
o-Xylene
Concen: 4.633 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

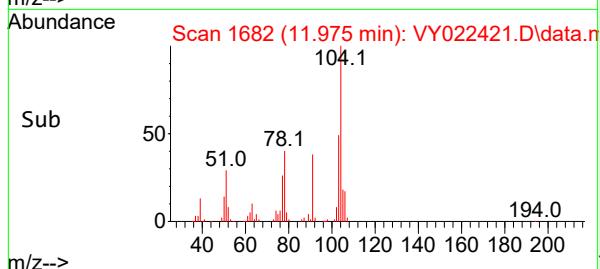
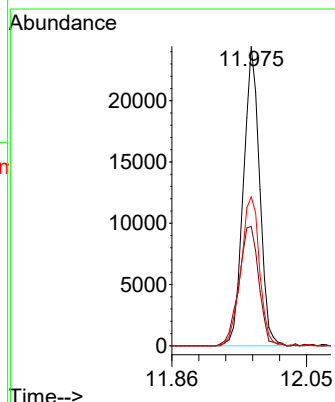
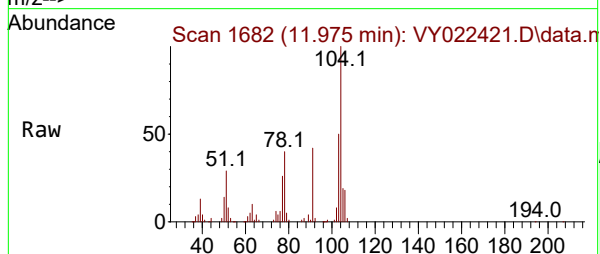
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

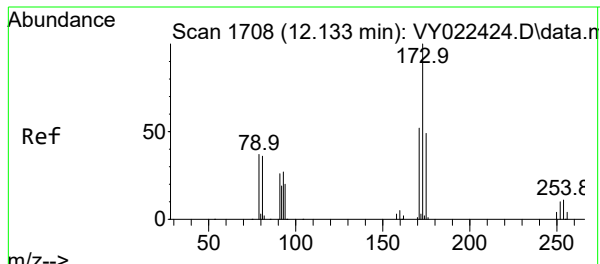
Tgt Ion:106 Resp: 23941
Ion Ratio Lower Upper
106 100
91 209.5 106.3 318.9



#70
Styrene
Concen: 4.414 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion:104 Resp: 37982
Ion Ratio Lower Upper
104 100
78 48.9 38.8 58.2
103 57.0 43.4 65.2

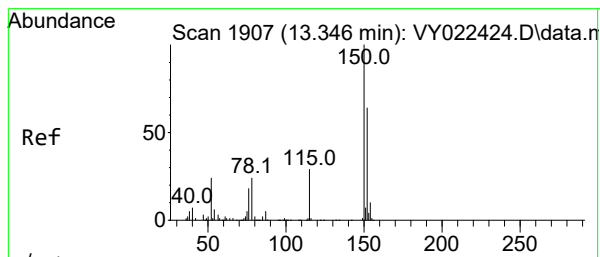
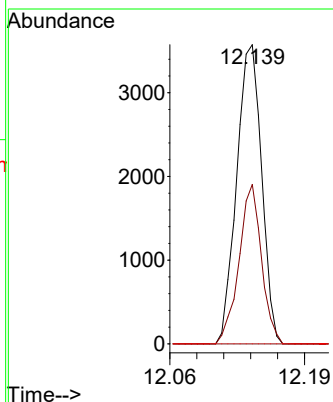
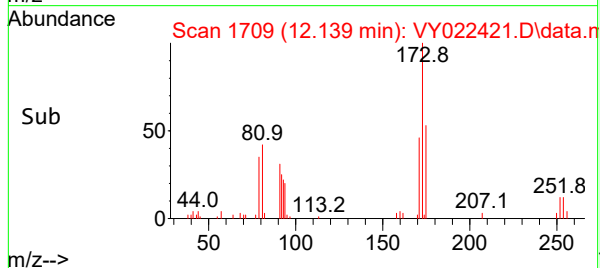
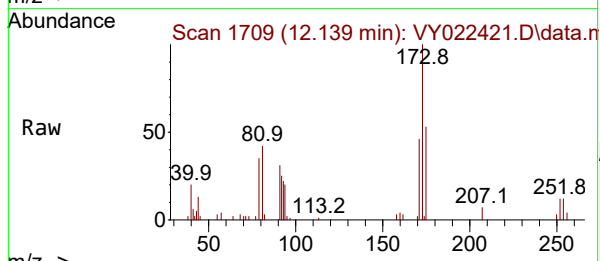




#71
Bromoform
Concen: 4.459 ug/l
RT: 12.139 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

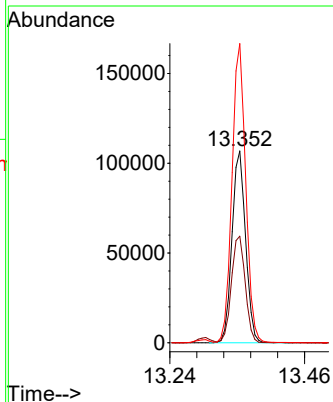
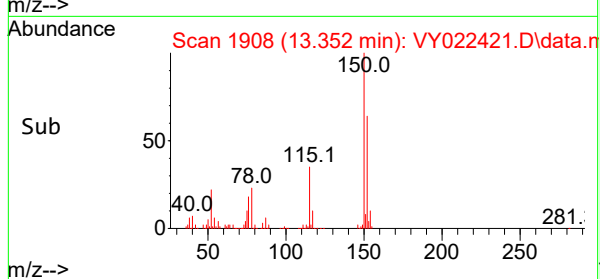
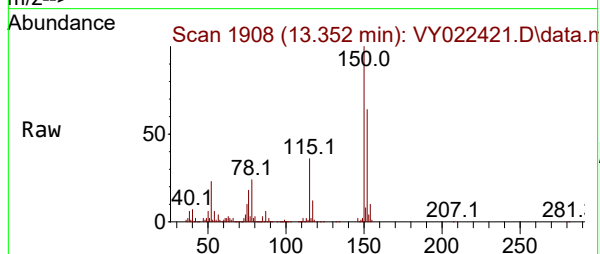
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

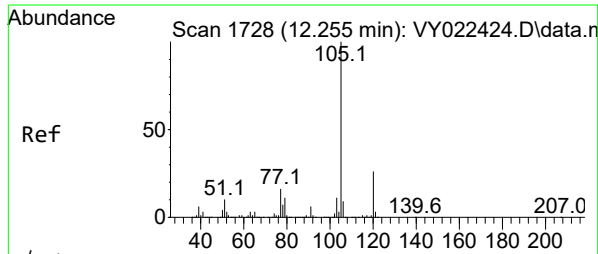
Tgt Ion:173 Resp: 6180
Ion Ratio Lower Upper
173 100
175 48.2 24.3 73.0
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion:152 Resp: 162324
Ion Ratio Lower Upper
152 100
115 56.6 28.4 85.3
150 157.7 0.0 345.8

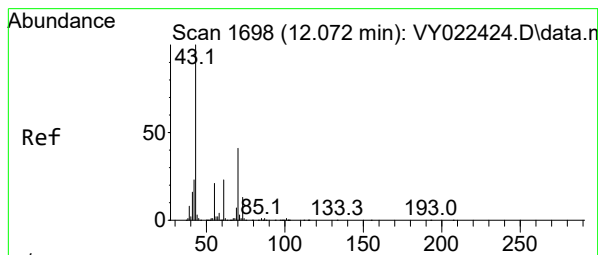
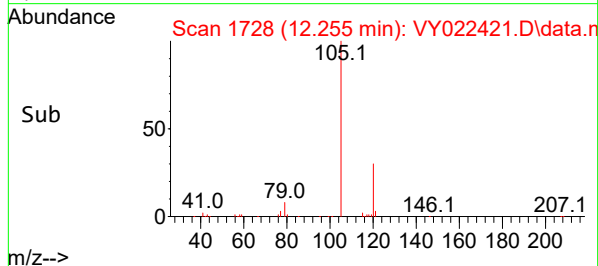
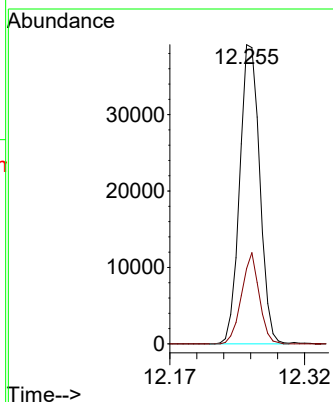
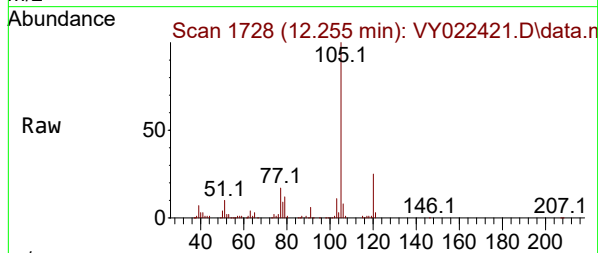




#73
Isopropylbenzene
Concen: 4.908 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

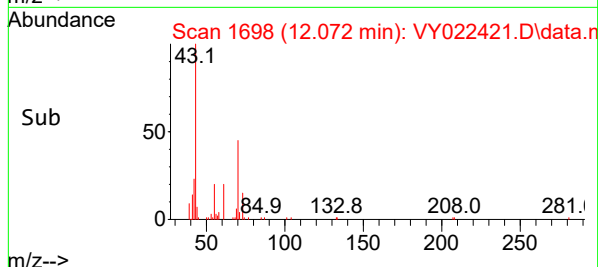
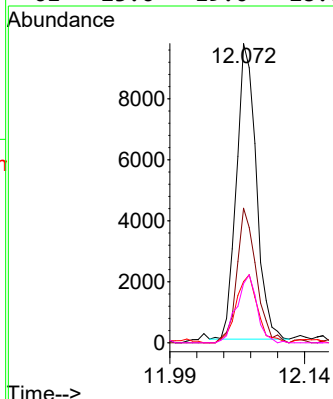
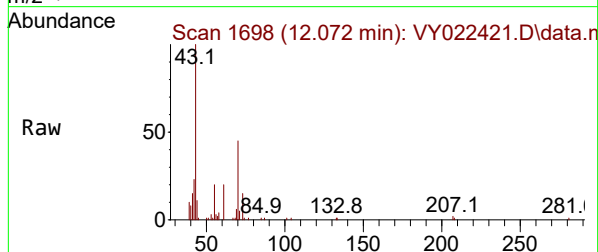
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

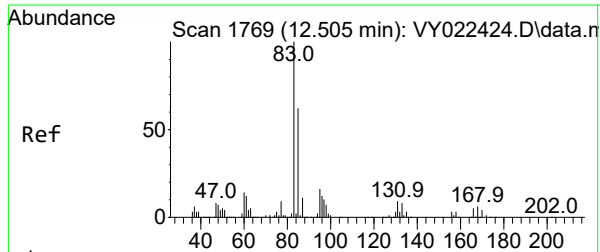
Tgt Ion: 105 Resp: 62701
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.5



#74
N-ethyl acetate
Concen: 4.584 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 43 Resp: 14329
Ion Ratio Lower Upper
43 100
70 44.4 33.0 49.4
55 25.0 17.5 26.3
61 23.6 19.0 28.6

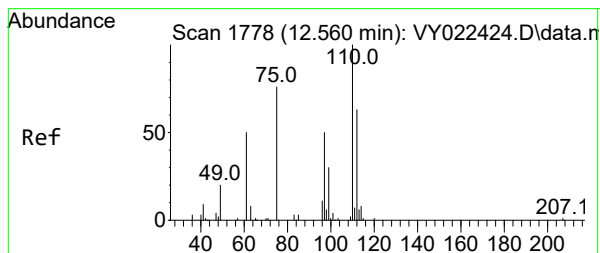
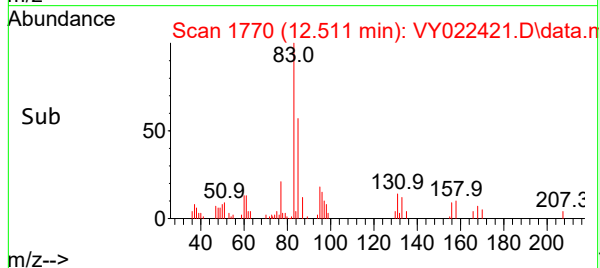
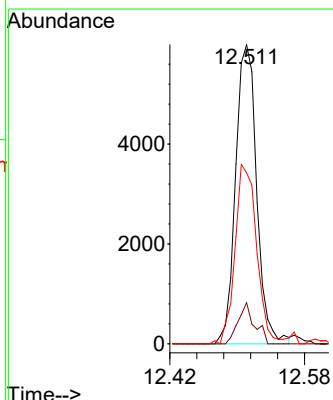
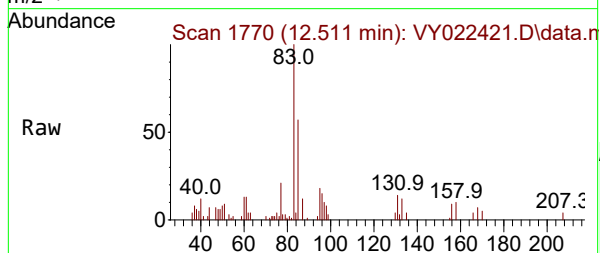




#75
1,1,2,2-Tetrachloroethane
Concen: 5.021 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

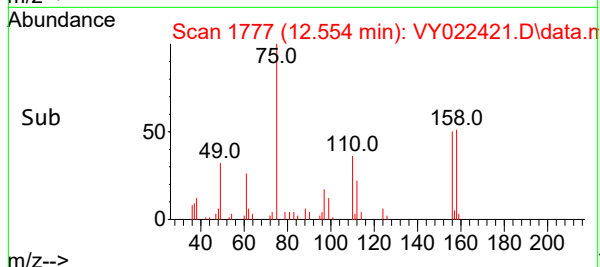
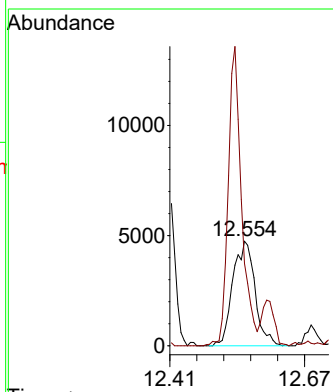
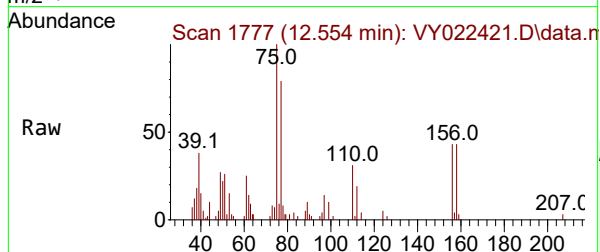
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

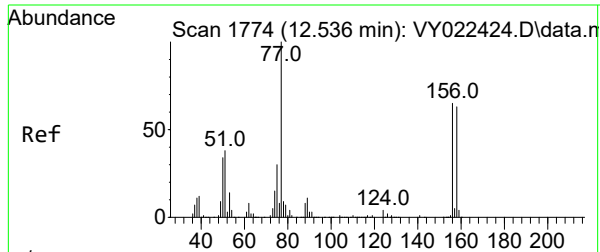
Tgt Ion: 83 Resp: 10107
Ion Ratio Lower Upper
83 100
131 10.7 4.8 14.4
85 60.9 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 5.244 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 75 Resp: 14024
Ion Ratio Lower Upper
75 100
77 173.3 0.0 0.0#

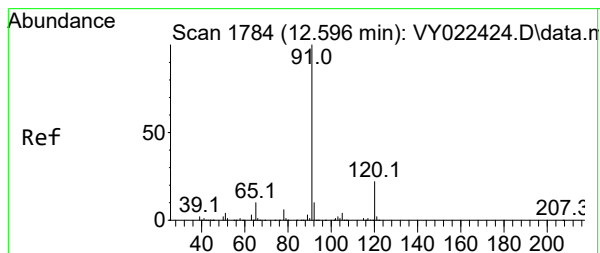
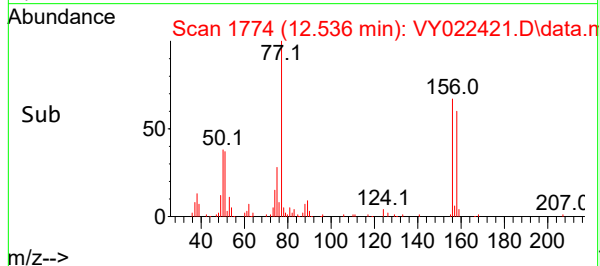
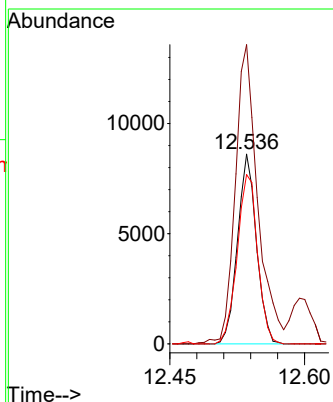
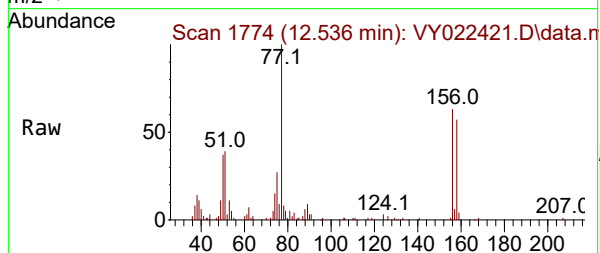




#77
Bromobenzene
Concen: 4.747 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

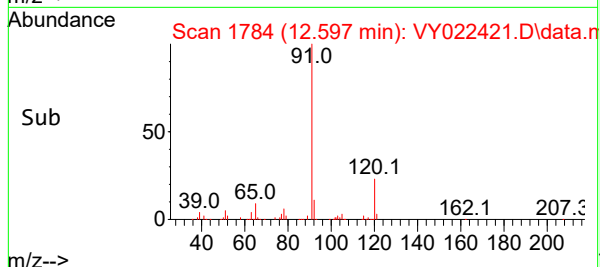
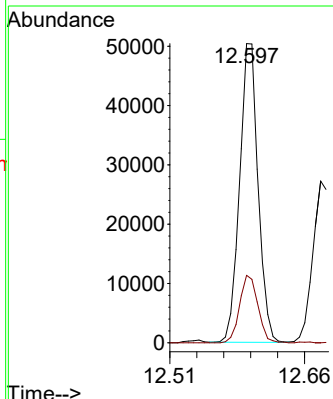
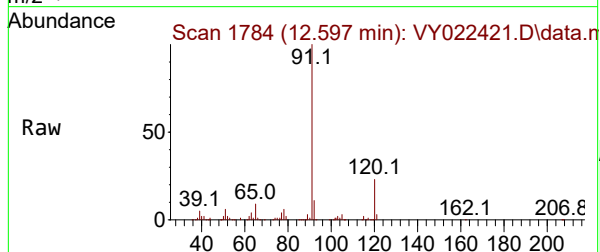
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

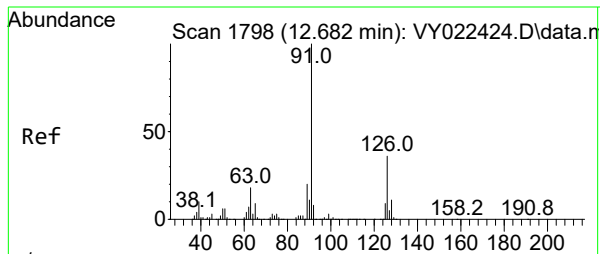
Tgt Ion: 156 Resp: 13050
Ion Ratio Lower Upper
156 100
77 186.2 91.4 274.2
158 96.2 48.1 144.3



#78
n-propylbenzene
Concen: 4.856 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 91 Resp: 74444
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5

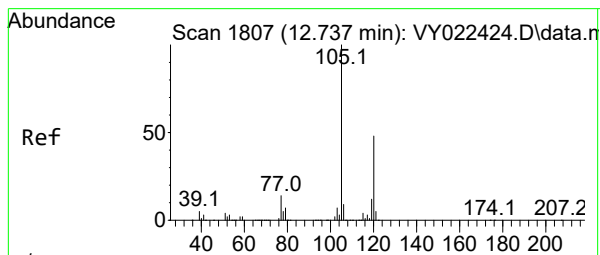
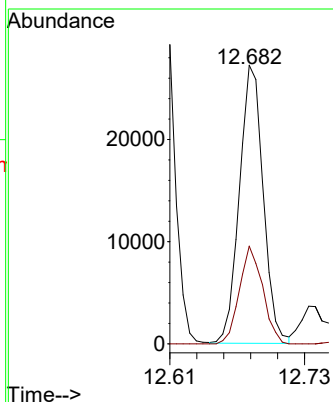
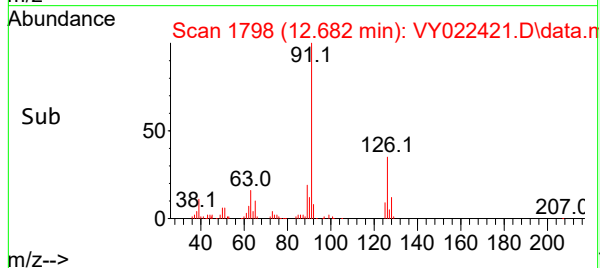
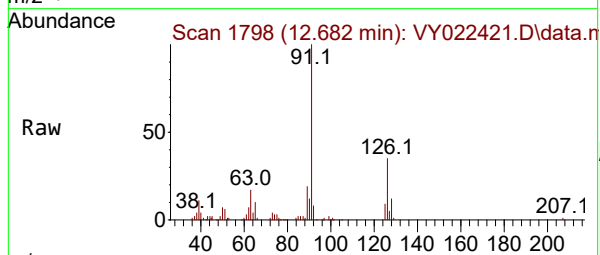




#79
2-Chlorotoluene
Concen: 5.002 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

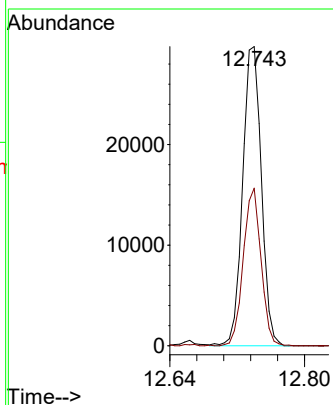
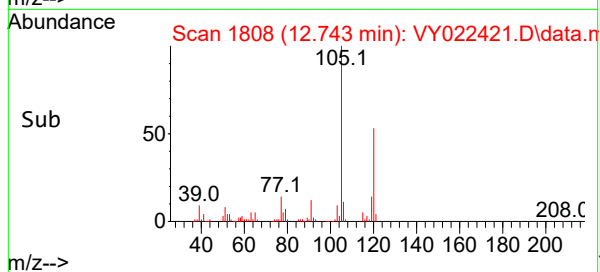
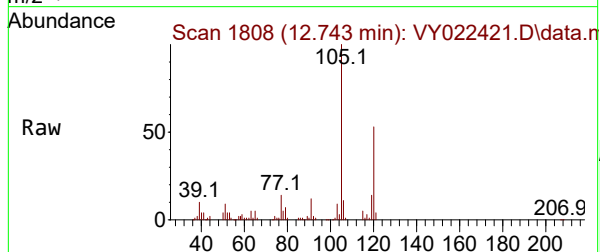
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

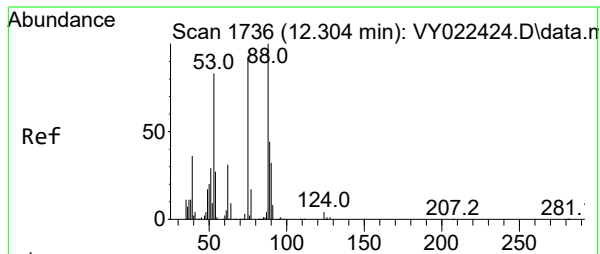
Tgt Ion: 91 Resp: 41511
Ion Ratio Lower Upper
91 100
126 34.2 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 4.743 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 105 Resp: 47346
Ion Ratio Lower Upper
105 100
120 50.0 24.3 73.0

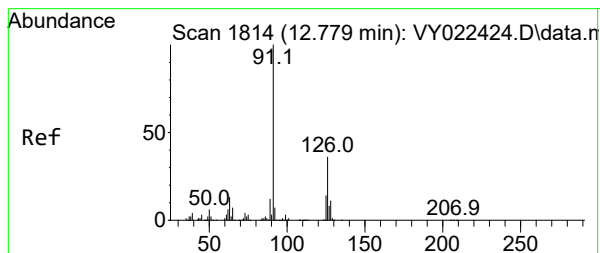
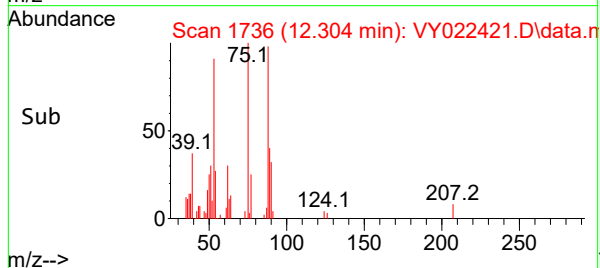
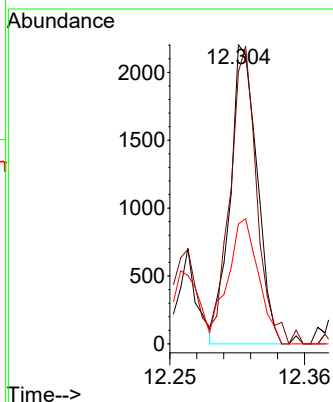
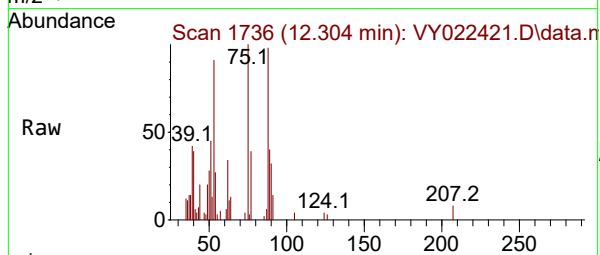




#81
trans-1,4-Dichloro-2-butene
Concen: 4.857 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

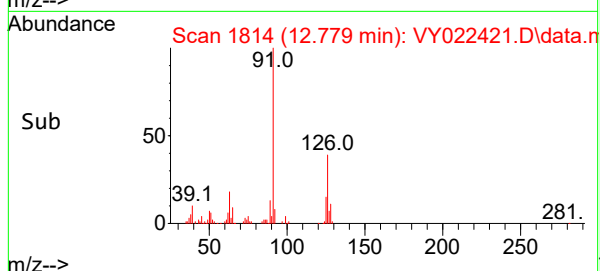
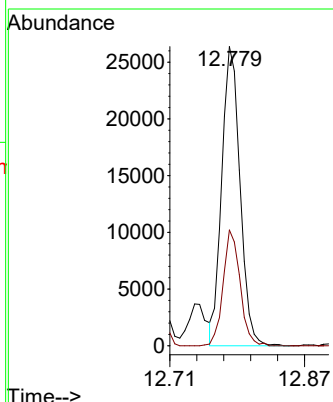
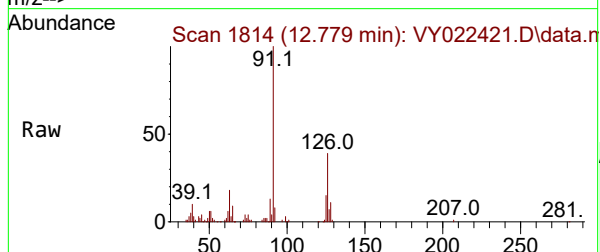
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

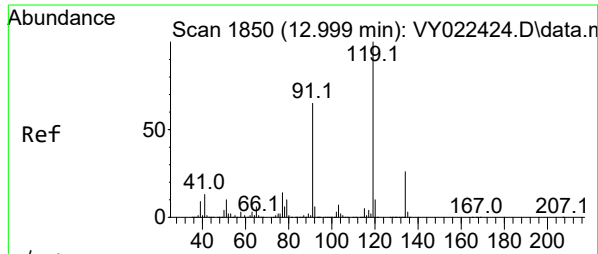
Tgt Ion: 75 Resp: 3492
Ion Ratio Lower Upper
75 100
53 98.1 75.1 112.7
89 47.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 4.801 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 91 Resp: 41039
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6

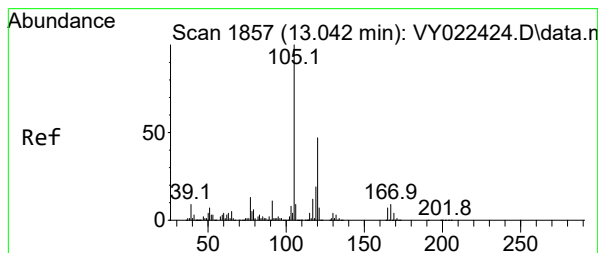
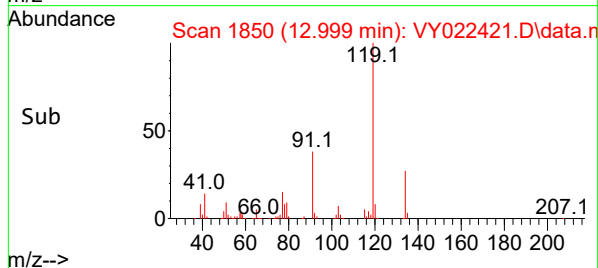
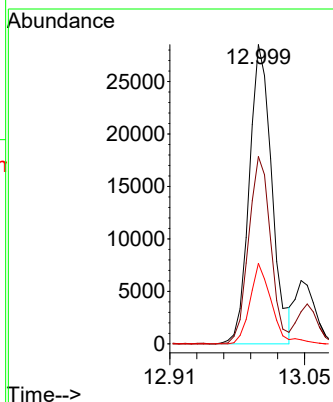
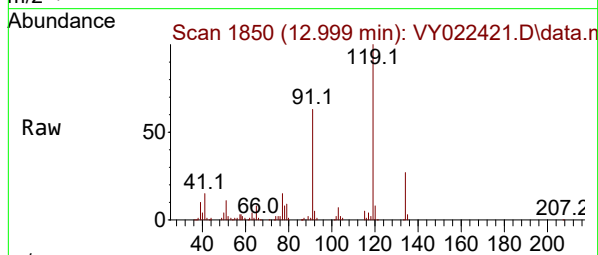




#83
tert-Butylbenzene
Concen: 4.951 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

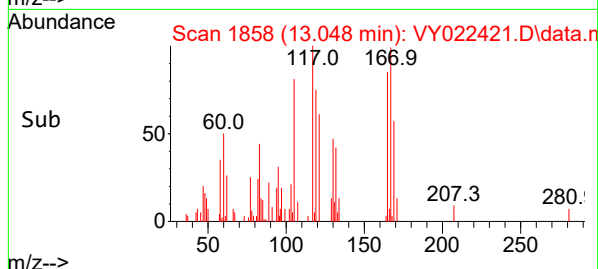
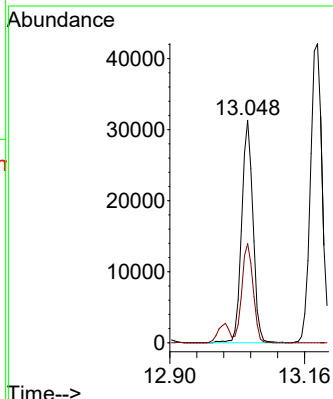
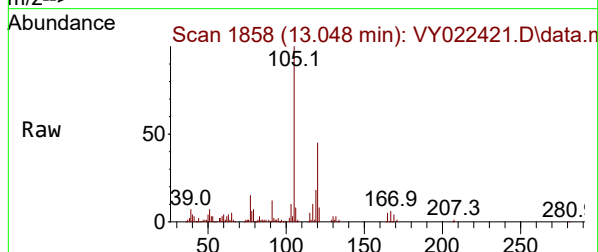
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

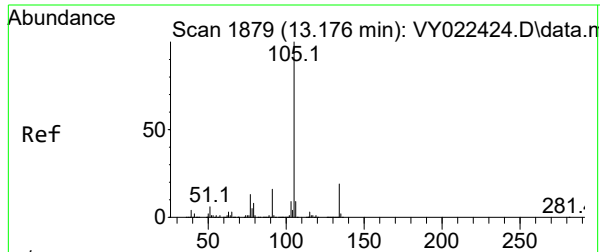
Tgt Ion:119 Resp: 44656
Ion Ratio Lower Upper
119 100
91 61.4 31.8 95.3
134 25.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 4.699 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion:105 Resp: 47206
Ion Ratio Lower Upper
105 100
120 44.5 22.9 68.5

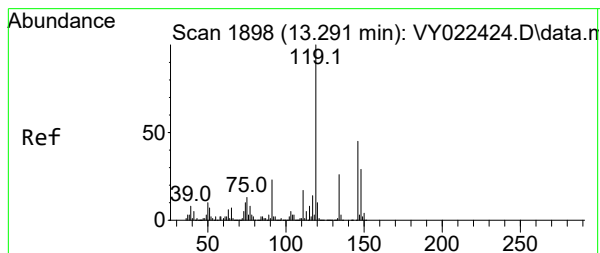
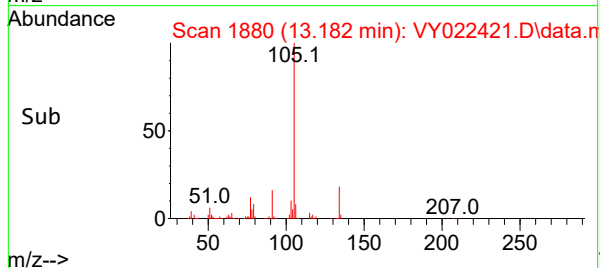
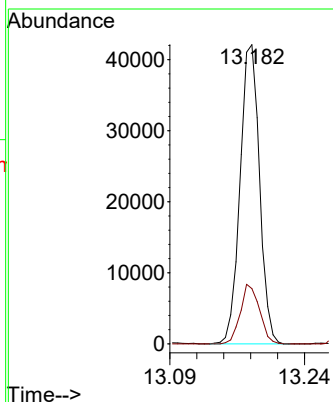
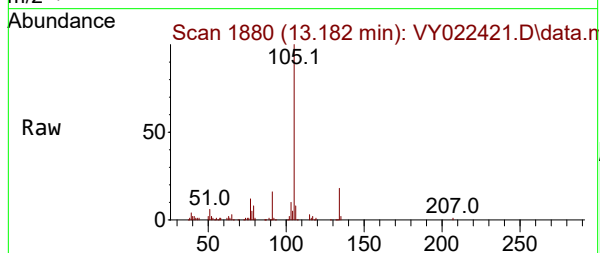




#85
 sec-Butylbenzene
 Concen: 4.897 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY022421.D
 Acq: 27 May 2025 08:50

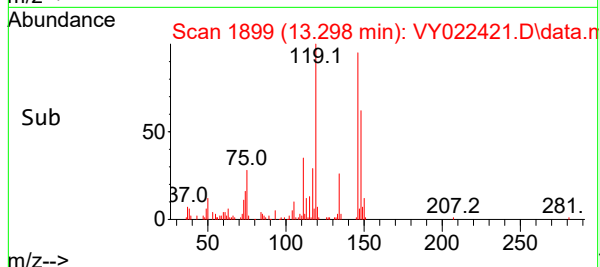
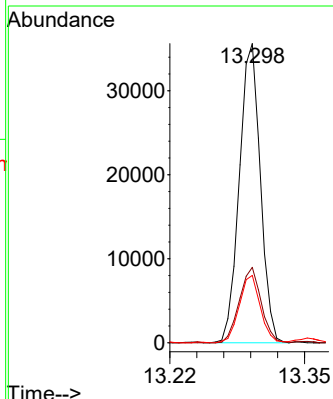
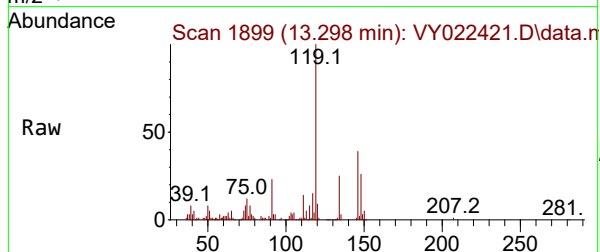
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

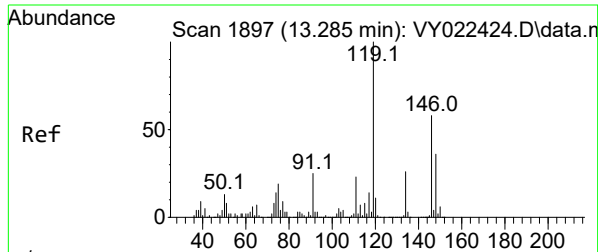
Tgt Ion:105 Resp: 65492
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 4.643 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY022421.D
 Acq: 27 May 2025 08:50

Tgt Ion:119 Resp: 51853
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 22.6 11.6 34.8

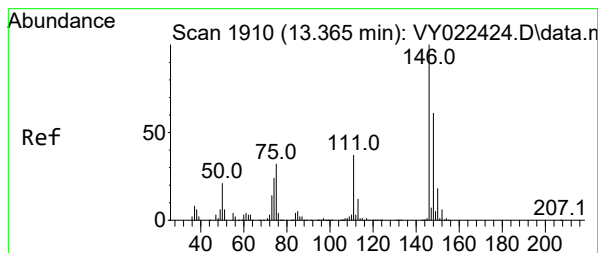
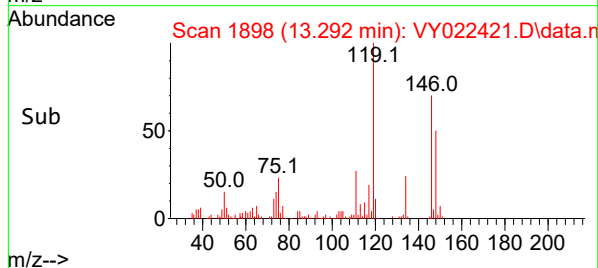
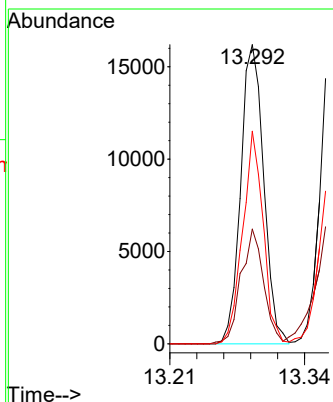
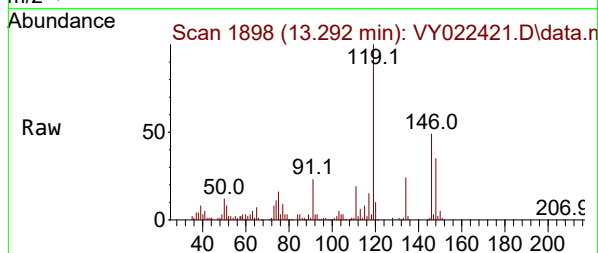




#87
1,3-Dichlorobenzene
Concen: 4.657 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

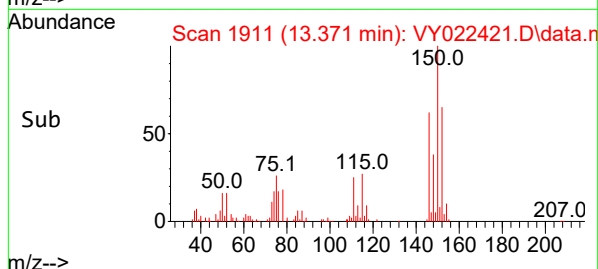
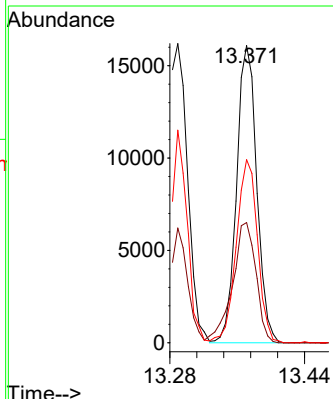
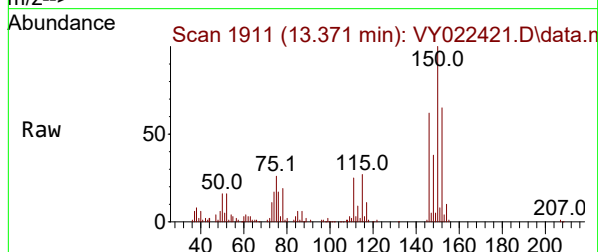
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

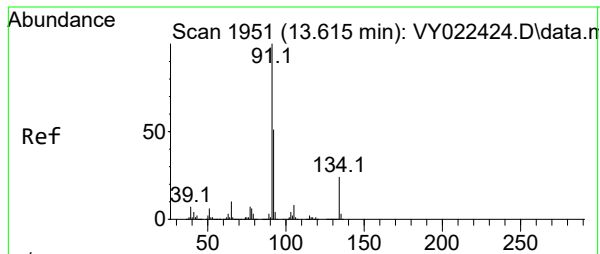
Tgt Ion:146 Resp: 25760
Ion Ratio Lower Upper
146 100
111 37.8 19.6 58.8
148 63.7 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 4.899 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion:146 Resp: 25910
Ion Ratio Lower Upper
146 100
111 47.4 18.7 56.1
148 64.9 31.4 94.3

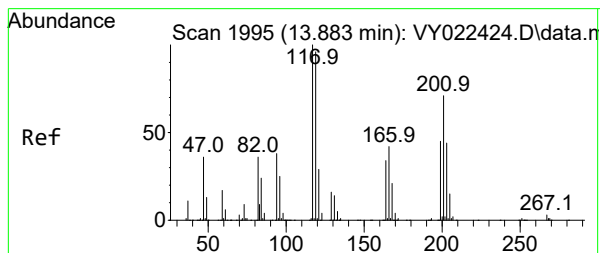
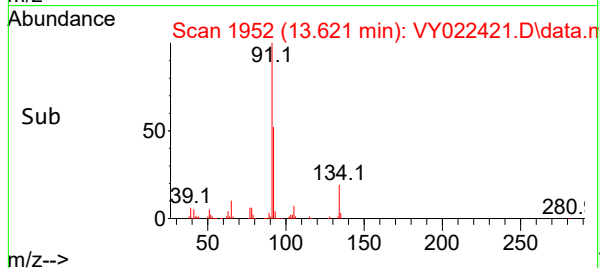
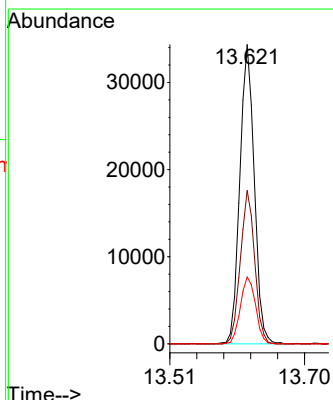
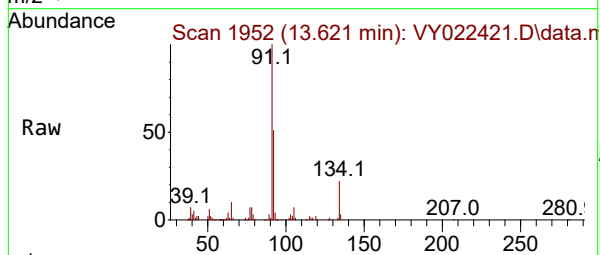




#89
n-Butylbenzene
Concen: 4.792 ug/l
RT: 13.621 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

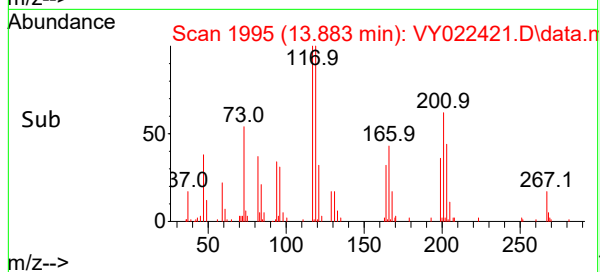
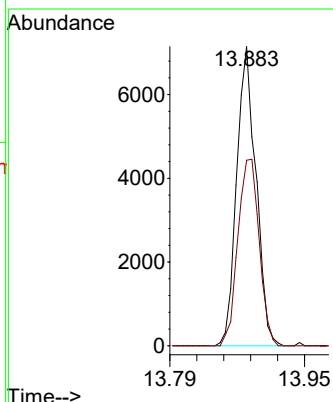
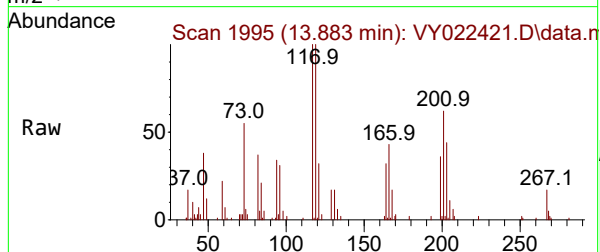
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

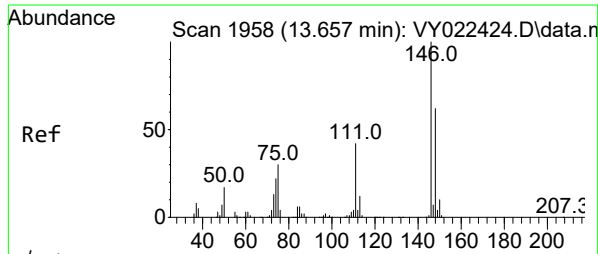
Tgt Ion: 91 Resp: 50178
Ion Ratio Lower Upper
91 100
92 50.7 25.9 77.6
134 23.5 12.4 37.0



#90
Hexachloroethane
Concen: 4.958 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 117 Resp: 11019
Ion Ratio Lower Upper
117 100
201 68.9 35.0 105.0

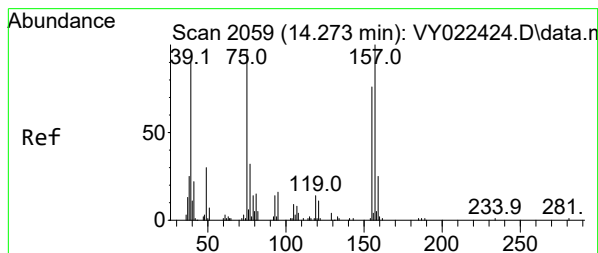
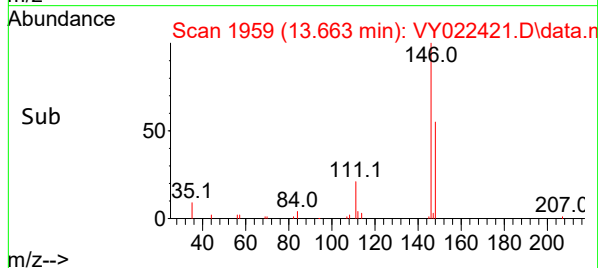
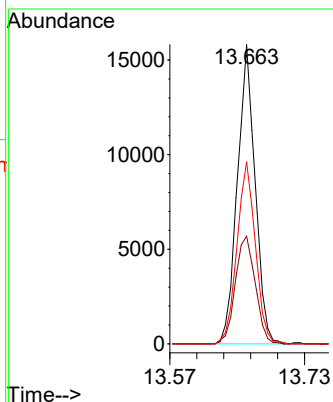
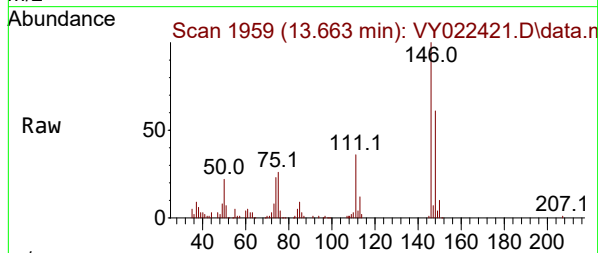




#91
1,2-Dichlorobenzene
Concen: 4.860 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

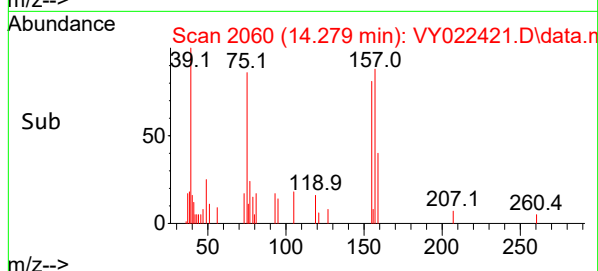
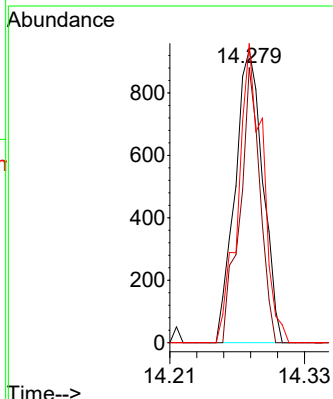
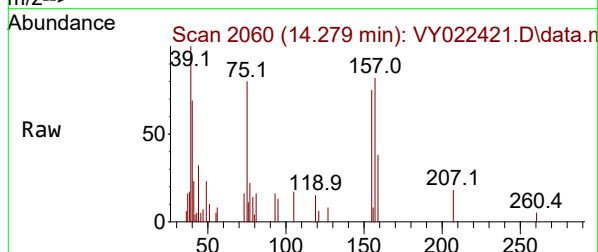
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

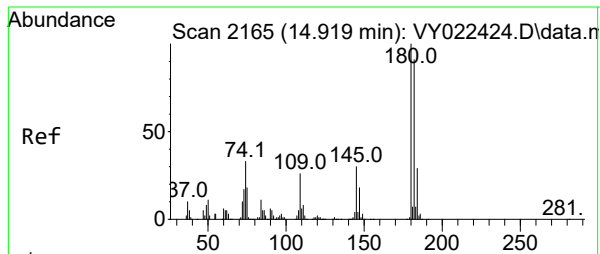
Tgt Ion:146 Resp: 22457
Ion Ratio Lower Upper
146 100
111 40.4 20.5 61.6
148 63.1 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.360 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion: 75 Resp: 1667
Ion Ratio Lower Upper
75 100
155 68.2 42.3 126.8
157 90.4 54.4 163.3

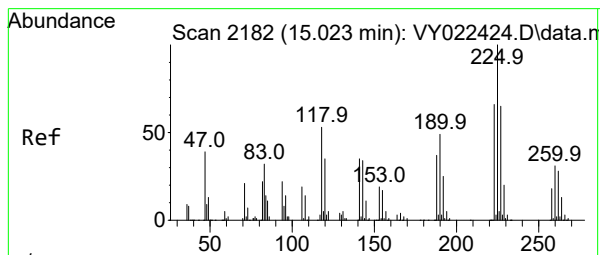
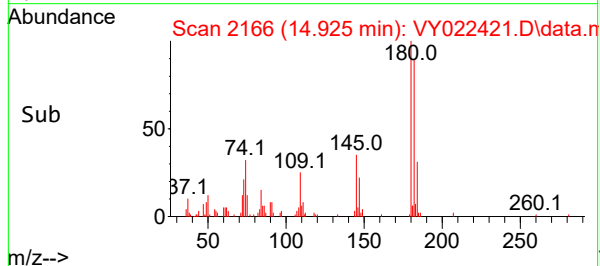
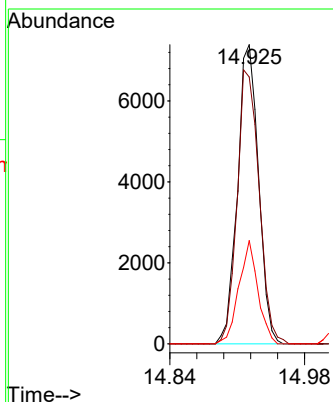
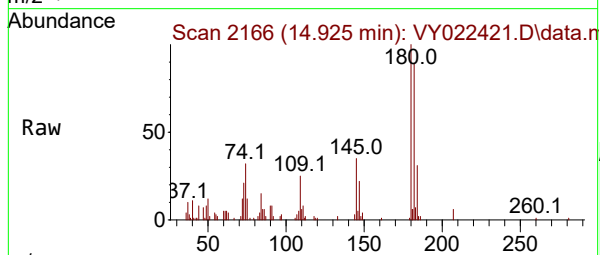




#93
1,2,4-Trichlorobenzene
Concen: 4.525 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

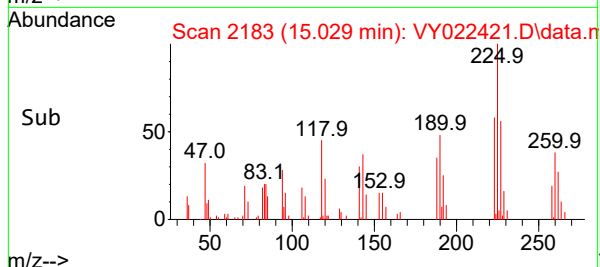
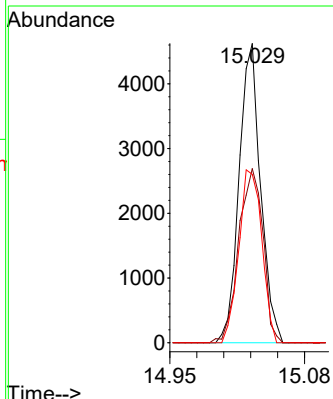
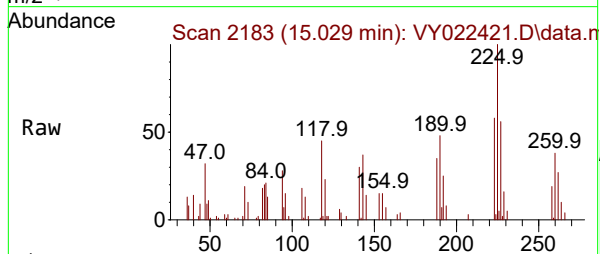
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

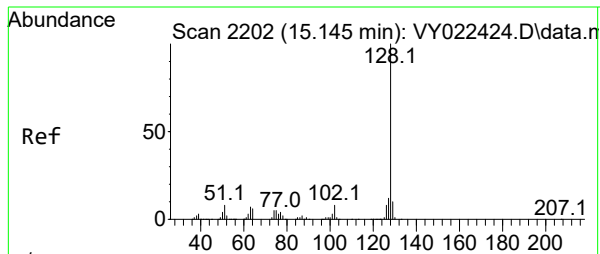
Tgt Ion:180 Resp: 11591
Ion Ratio Lower Upper
180 100
182 95.5 46.2 138.6
145 31.3 14.2 42.8



#94
Hexachlorobutadiene
Concen: 5.128 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion:225 Resp: 6893
Ion Ratio Lower Upper
225 100
223 65.4 32.6 97.7
227 61.8 33.0 99.0

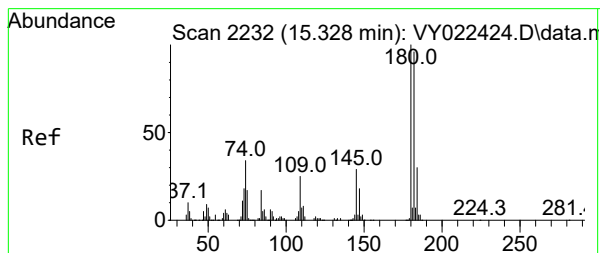
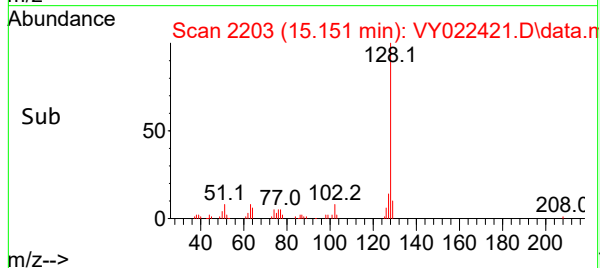
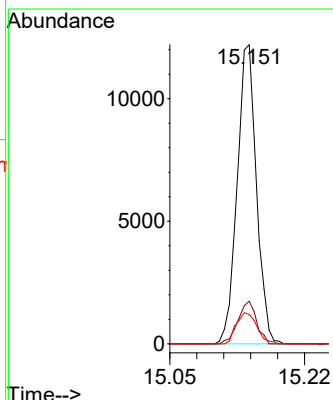
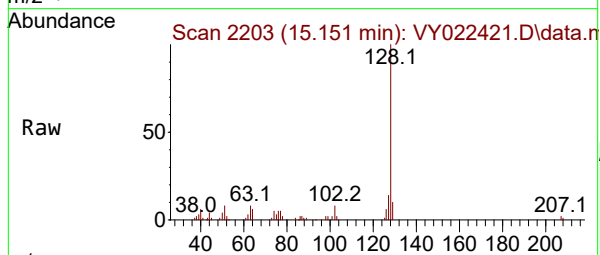




#95
Naphthalene
Concen: 4.237 ug/l
RT: 15.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 20065
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.2 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 4.445 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY022421.D
Acq: 27 May 2025 08:50

Tgt Ion:180 Resp: 9338
Ion Ratio Lower Upper
180 100
182 99.4 48.1 144.3
145 33.9 14.9 44.5

