

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062025\
 Data File : VY022774.D
 Acq On : 20 Jun 2025 19:25
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 21 02:44:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	119204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	215198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	183999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	85702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	75554	56.670	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.340%
35) Dibromofluoromethane	7.634	113	71431	55.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.220%
50) Toluene-d8	10.109	98	279308	53.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.640%
62) 4-Bromofluorobenzene	12.402	95	81638	52.793	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.580%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	47171	44.199	ug/l	96
3) Chloromethane	2.068	50	156850	49.748	ug/l	100
4) Vinyl Chloride	2.202	62	190573	52.104	ug/l	98
5) Bromomethane	2.598	94	151111	43.105	ug/l	98
6) Chloroethane	2.739	64	130757	52.084	ug/l	93
7) Trichlorofluoromethane	3.050	101	152953	49.260	ug/l	95
8) Diethyl Ether	3.452	74	38018	54.369	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	69724	53.316	ug/l	98
10) Methyl Iodide	4.007	142	82916	58.588	ug/l	99
11) Tert butyl alcohol	4.872	59	22472	235.991	ug/l #	73
12) 1,1-Dichloroethene	3.787	96	67957	54.363	ug/l	97
13) Acrolein	3.653	56	7288	61.412	ug/l	92
14) Allyl chloride	4.385	41	100691	51.310	ug/l	98
15) Acrylonitrile	5.061	53	83132	280.710	ug/l	99
16) Acetone	3.873	43	59695	220.472	ug/l	94
17) Carbon Disulfide	4.110	76	194050	48.487	ug/l	96
18) Methyl Acetate	4.385	43	52614	65.621	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	192620	54.708	ug/l	99
20) Methylene Chloride	4.616	84	83324	54.176	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	78318	55.979	ug/l	93
22) Diisopropyl ether	6.019	45	240035	54.951	ug/l	98
23) Vinyl Acetate	5.958	43	653772	252.872	ug/l	99
24) 1,1-Dichloroethane	5.915	63	151193	58.754	ug/l	99
25) 2-Butanone	6.896	43	99352	254.386	ug/l	100
26) 2,2-Dichloropropane	6.884	77	121876	53.603	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	94256	58.287	ug/l	99
28) Bromochloromethane	7.244	49	62637	55.839	ug/l	99
29) Tetrahydrofuran	7.262	42	65195	258.816	ug/l	97
30) Chloroform	7.421	83	151617	59.484	ug/l	97
31) Cyclohexane	7.701	56	121002	47.232	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	128333	56.718	ug/l	98
36) 1,1-Dichloropropene	7.835	75	108295	51.947	ug/l	98
37) Ethyl Acetate	6.988	43	46590	50.114	ug/l	99
38) Carbon Tetrachloride	7.817	117	111663	52.213	ug/l	99
39) Methylcyclohexane	9.110	83	133438	47.630	ug/l	96
40) Benzene	8.079	78	335652	54.512	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	23112	42.561	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	90663	53.927	ug/l	99
43) Isopropyl Acetate	8.201	43	97956	48.787	ug/l	98
44) Trichloroethene	8.866	130	83410	55.426	ug/l	97
45) 1,2-Dichloropropane	9.140	63	81626	56.093	ug/l	100
46) Dibromomethane	9.231	93	45502	55.580	ug/l	99
47) Bromodichloromethane	9.420	83	117134	56.427	ug/l	99
48) Methyl methacrylate	9.219	41	43786	46.465	ug/l	88
49) 1,4-Dioxane	9.231	88	8380	864.023	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	260830	260.557	ug/l	95
52) Toluene	10.170	92	210895	54.502	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	103118	53.017	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	120866	53.384	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	58034	55.593	ug/l	96
56) Ethyl methacrylate	10.439	69	78935	52.317	ug/l	98
57) 1,3-Dichloropropane	10.713	76	100101	54.102	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	196510	286.866	ug/l	99
59) 2-Hexanone	10.762	43	165516	247.226	ug/l	99
60) Dibromochloromethane	10.908	129	72539	54.679	ug/l	100
61) 1,2-Dibromoethane	11.012	107	53037	55.743	ug/l	96
64) Tetrachloroethene	10.646	164	94859	59.932	ug/l	98
65) Chlorobenzene	11.438	112	222167	54.564	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	75294	54.894	ug/l	99
67) Ethyl Benzene	11.518	91	402851	53.343	ug/l	99
68) m/p-Xylenes	11.627	106	308160	107.639	ug/l	99
69) o-Xylene	11.950	106	144059	53.670	ug/l	99
70) Styrene	11.969	104	239813	54.050	ug/l	99
71) Bromoform	12.127	173	38190	52.321	ug/l #	99
73) Isopropylbenzene	12.249	105	376394	53.494	ug/l	99
74) N-amyl acetate	12.066	43	86720	48.847	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	58047	50.266	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	84455	86.138	ug/l #	100
77) Bromobenzene	12.530	156	78933	53.161	ug/l	98
78) n-propylbenzene	12.591	91	457718	53.261	ug/l	99
79) 2-Chlorotoluene	12.676	91	244235	53.622	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	297293	53.818	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	19204	47.301	ug/l	99
82) 4-Chlorotoluene	12.773	91	245355	52.217	ug/l	96
83) tert-Butylbenzene	12.993	119	271775	54.817	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	292753	52.988	ug/l	98
85) sec-Butylbenzene	13.170	105	405936	53.461	ug/l	100
86) p-Isopropyltoluene	13.292	119	335456	53.597	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	160856	53.470	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	156213	53.538	ug/l	99
89) n-Butylbenzene	13.615	91	314743	53.003	ug/l	99
90) Hexachloroethane	13.877	117	66568	54.632	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	138513	54.230	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8542	50.805	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	72647	52.150	ug/l	97
94) Hexachlorobutadiene	15.017	225	40683	52.913	ug/l	96
95) Naphthalene	15.139	128	140027	52.381	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	63127	52.877	ug/l	99

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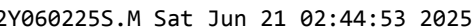
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

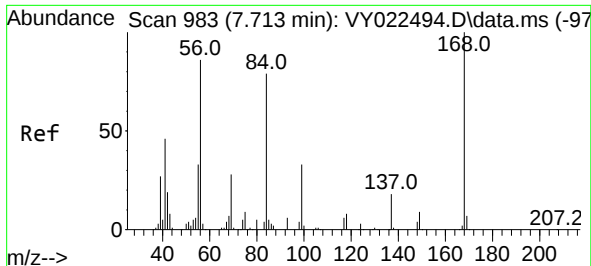
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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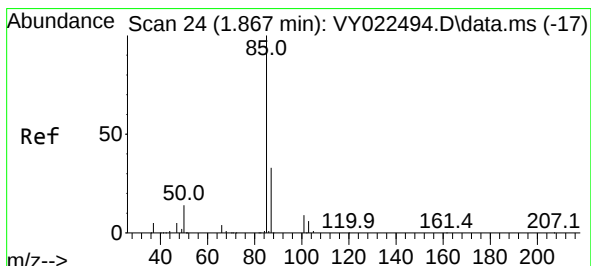
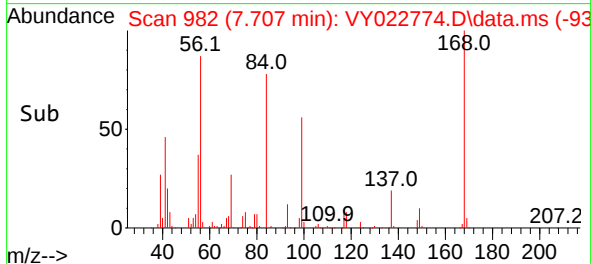
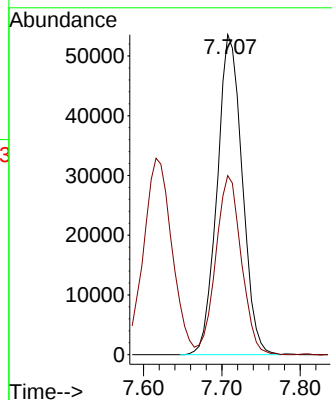
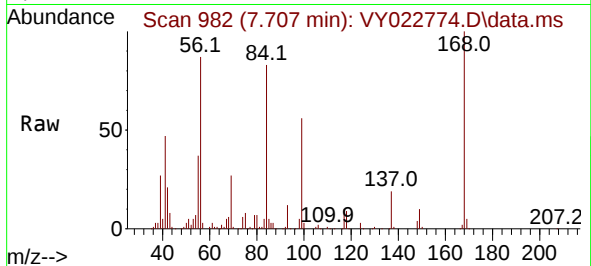




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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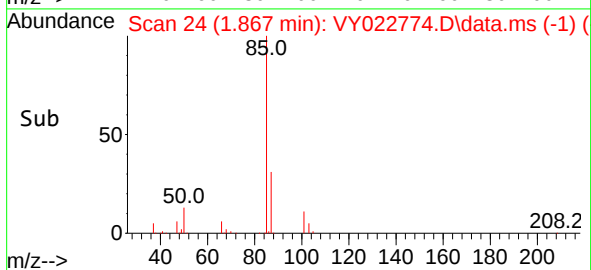
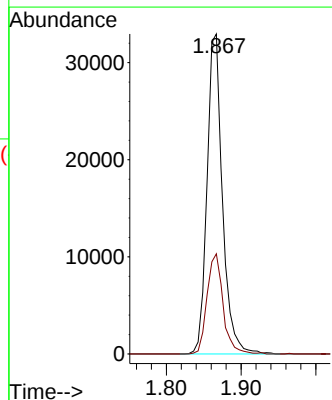
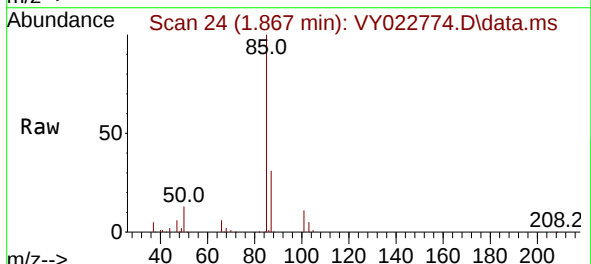
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 119204
Ion Ratio Lower Upper
168 100
99 55.8 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 44.199 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 85 Resp: 47171
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.0

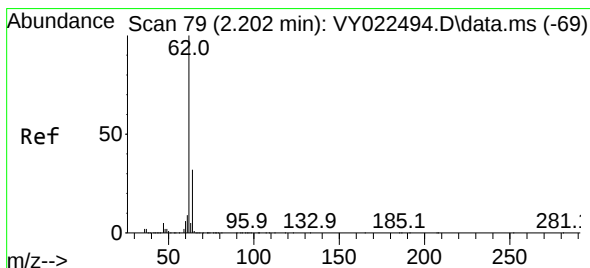
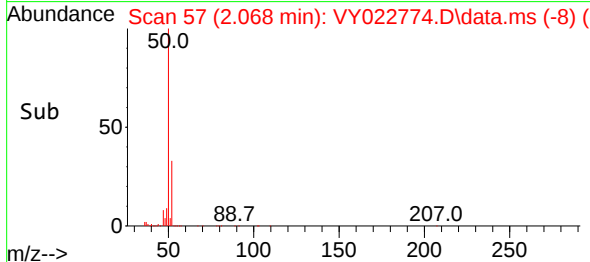
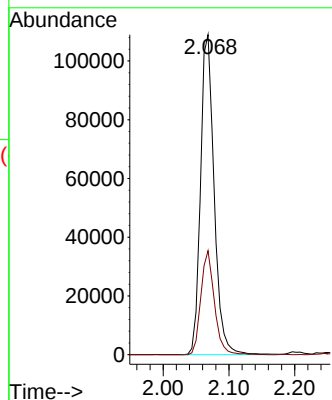
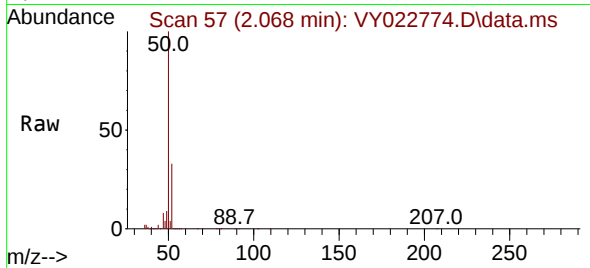




#3
Chloromethane
Concen: 49.748 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

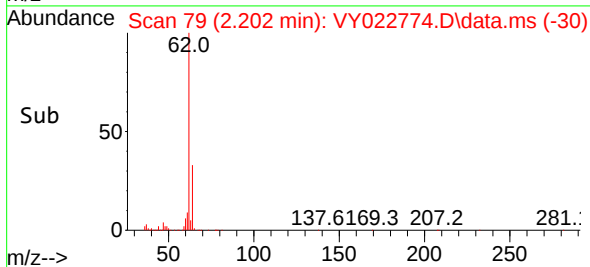
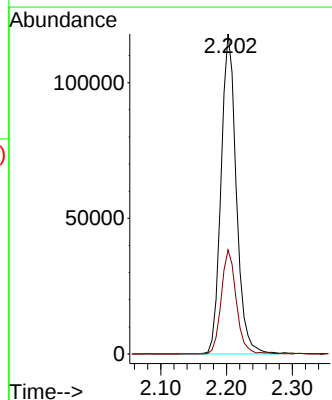
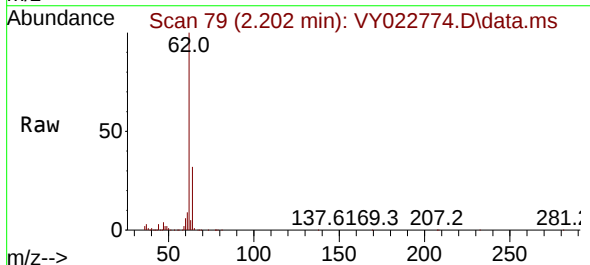
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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

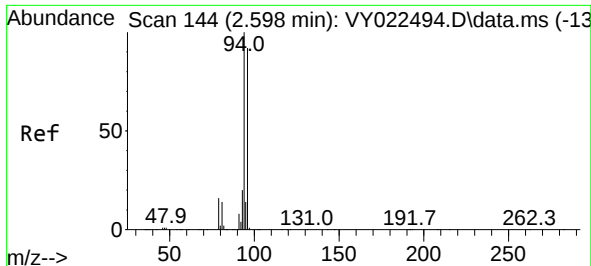
Tgt Ion: 50 Resp: 156850
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 52.104 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 62 Resp: 190573
Ion Ratio Lower Upper
62 100
64 32.5 25.3 37.9

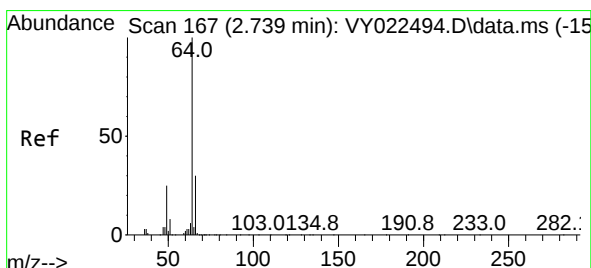
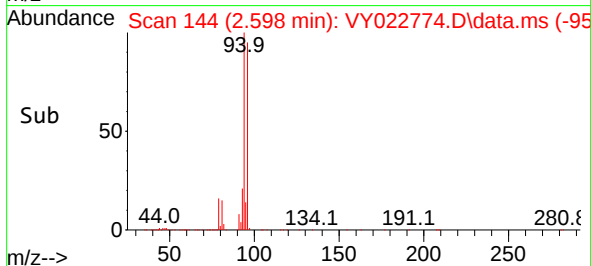
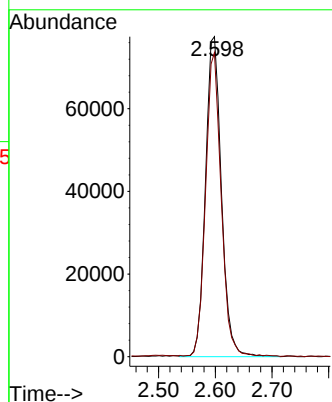
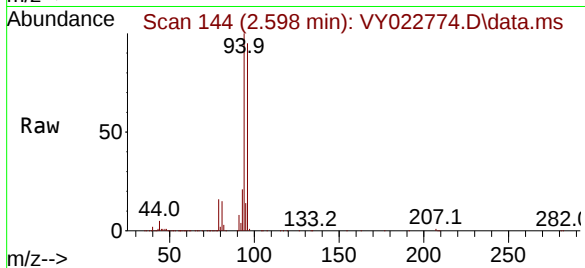




#5
Bromomethane
Concen: 43.105 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

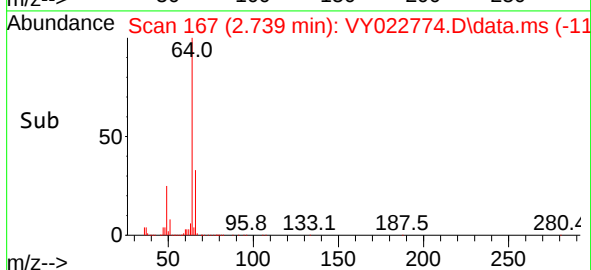
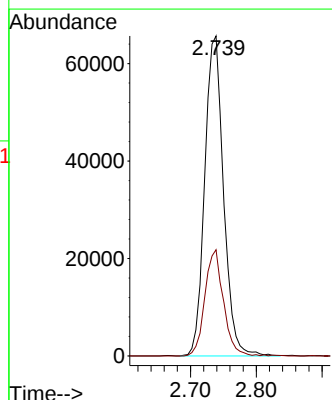
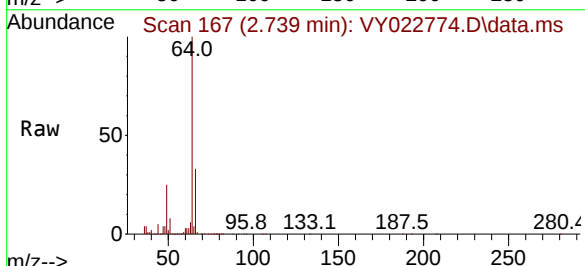
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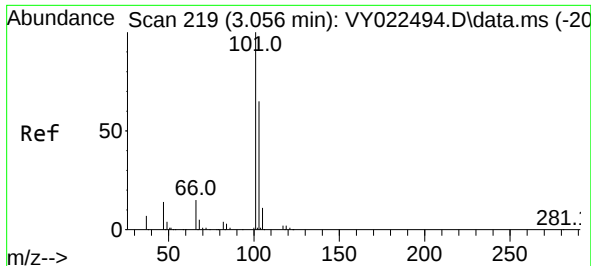
Tgt Ion: 94 Resp: 151111
Ion Ratio Lower Upper
94 100
96 94.9 74.0 111.0



#6
Chloroethane
Concen: 52.084 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 64 Resp: 130757
Ion Ratio Lower Upper
64 100
66 33.2 23.8 35.6

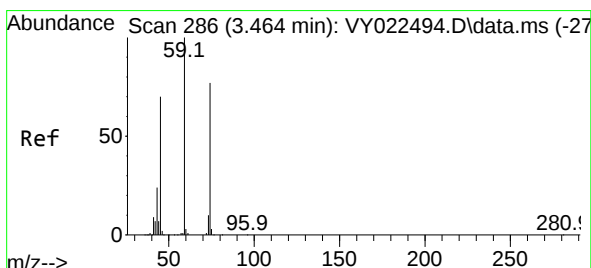
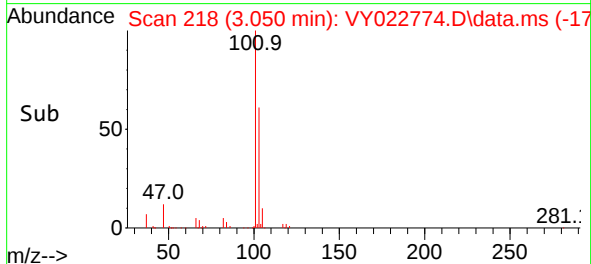
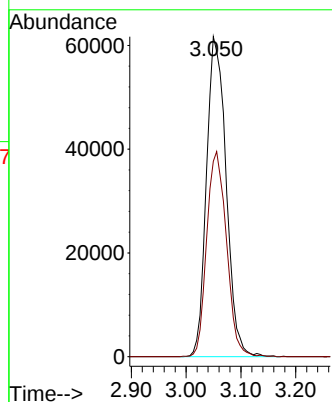
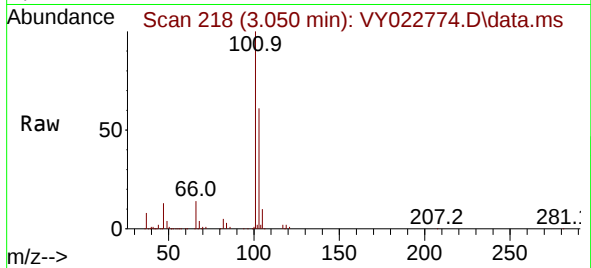




#7
Trichlorofluoromethane
Concen: 49.260 ug/l
RT: 3.050 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

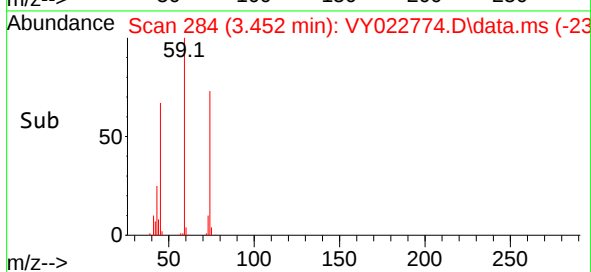
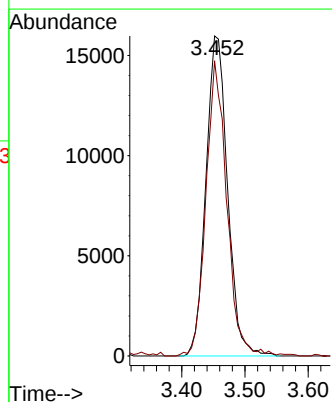
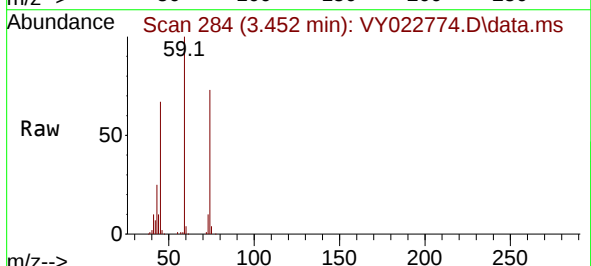
Instrument :
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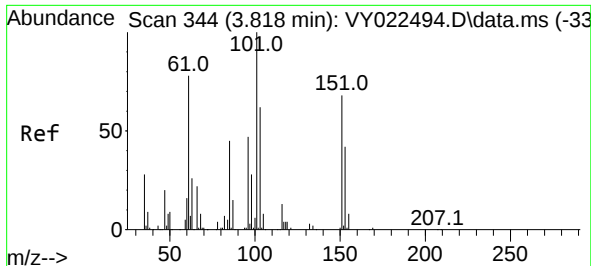
Tgt Ion:101 Resp: 152953
Ion Ratio Lower Upper
101 100
103 61.0 52.2 78.2



#8
Diethyl Ether
Concen: 54.369 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 74 Resp: 38018
Ion Ratio Lower Upper
74 100
45 87.8 45.9 137.6

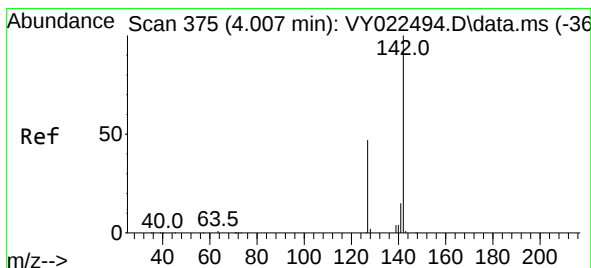
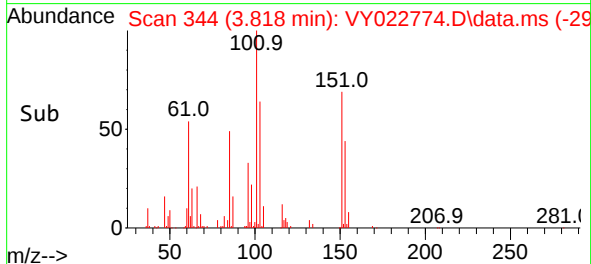
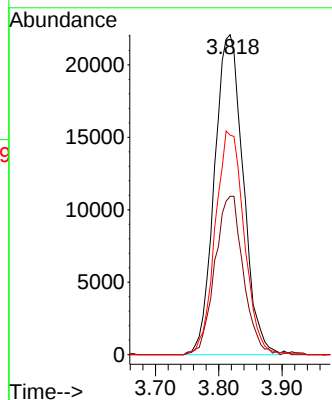
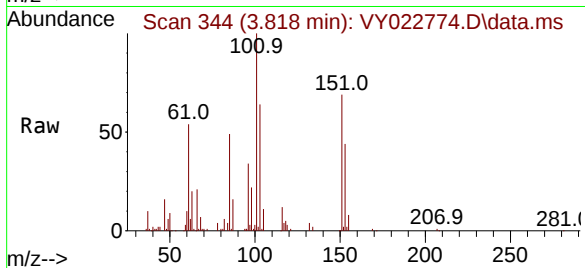




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.316 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022774.D
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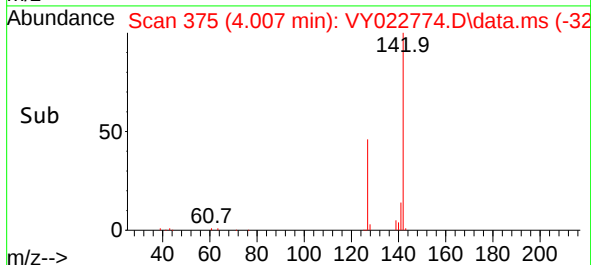
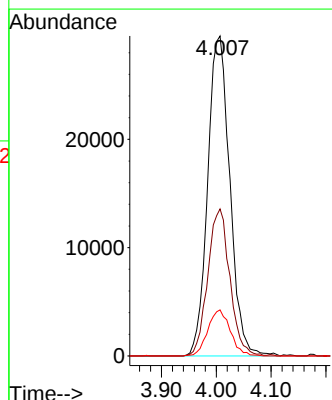
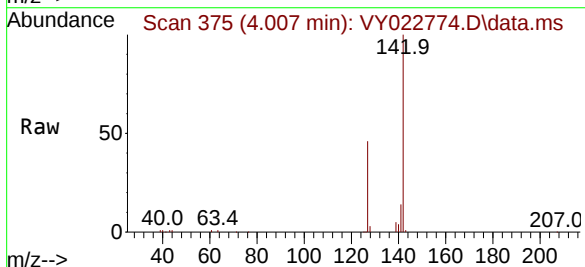
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

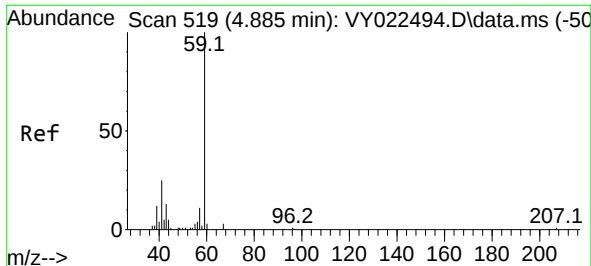
Tgt Ion:101 Resp: 69724
Ion Ratio Lower Upper
101 100
85 49.0 39.3 58.9
151 70.2 57.8 86.8



#10
Methyl Iodide
Concen: 58.588 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion:142 Resp: 82916
Ion Ratio Lower Upper
142 100
127 45.7 37.1 55.7
141 14.6 11.4 17.2

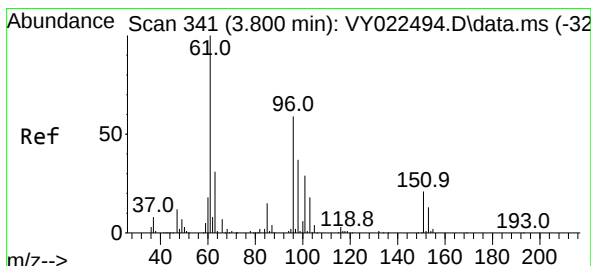
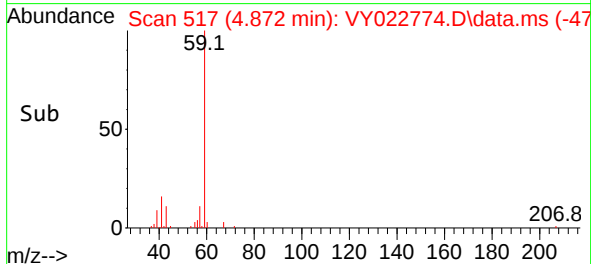
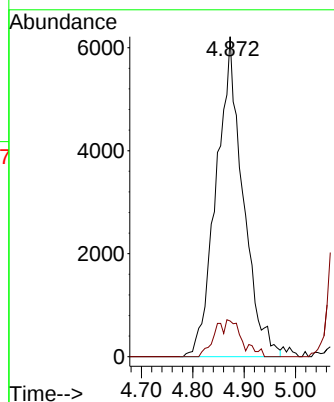
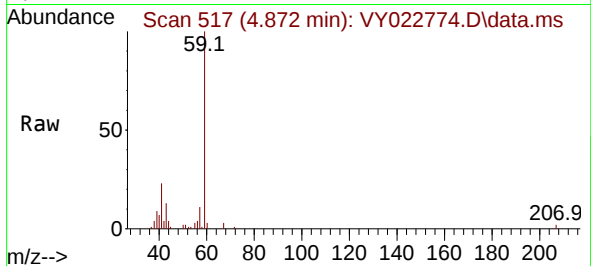




#11
Tert butyl alcohol
Concen: 235.991 ug/l
RT: 4.872 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

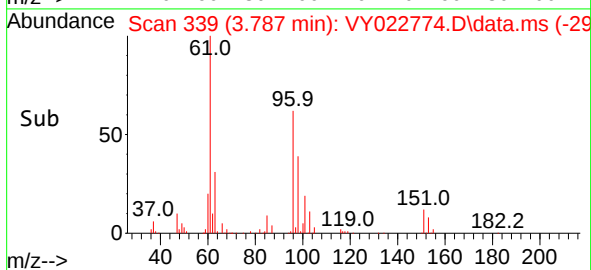
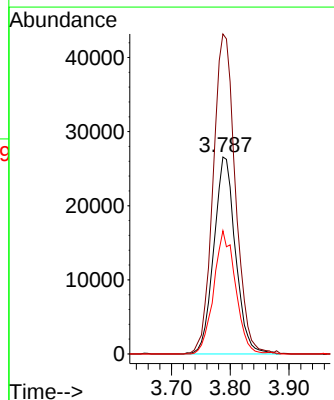
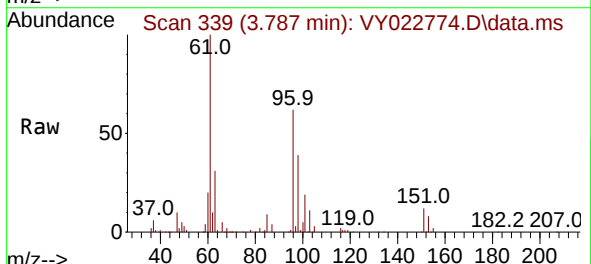
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

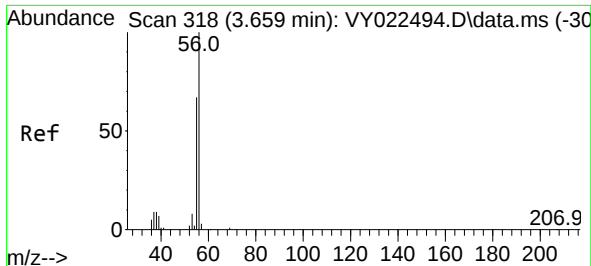
Tgt Ion: 59 Resp: 22472
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 54.363 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 96 Resp: 67957
Ion Ratio Lower Upper
96 100
61 162.4 134.6 201.8
98 62.6 50.2 75.4

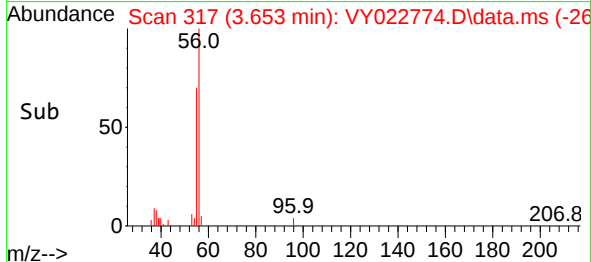
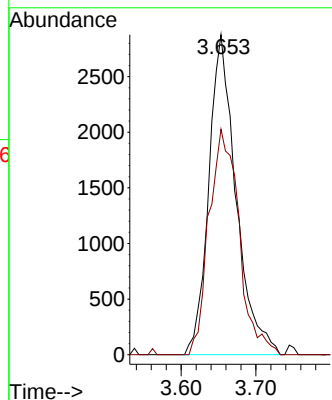
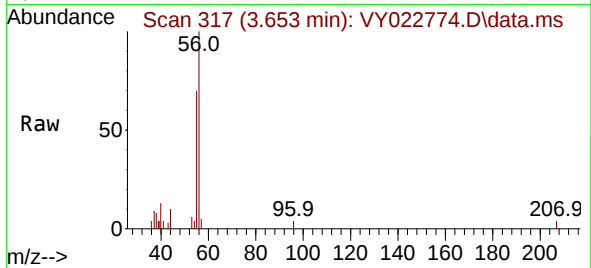




#13
Acrolein
Concen: 61.412 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

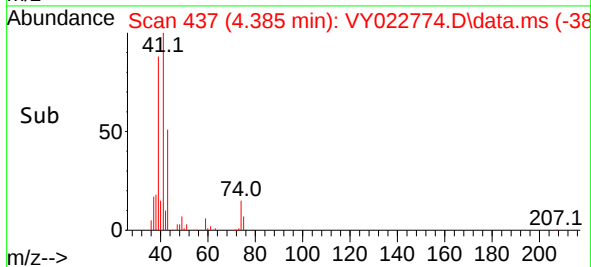
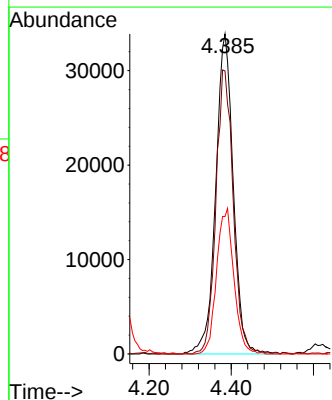
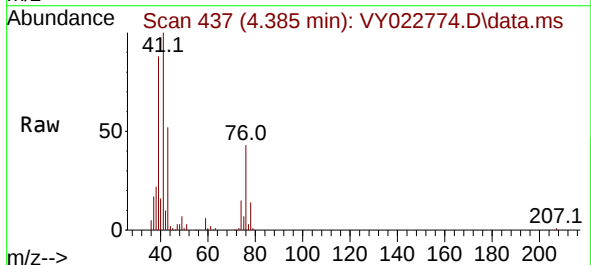
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 7288
Ion Ratio Lower Upper
56 100
55 77.6 57.0 85.6



#14
Allyl chloride
Concen: 51.310 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 41 Resp: 100691
Ion Ratio Lower Upper
41 100
39 87.3 69.1 103.7
76 44.8 33.5 50.3

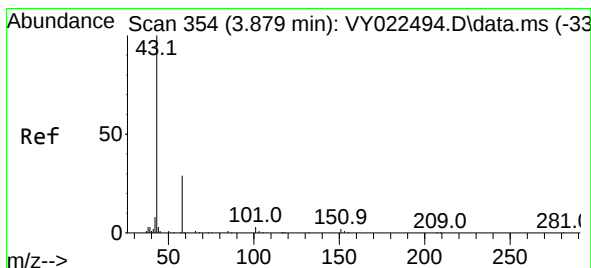
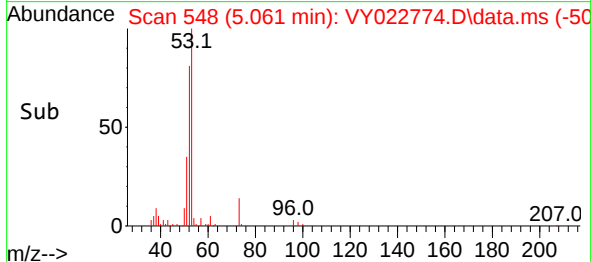
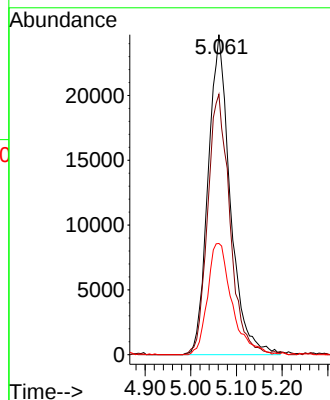
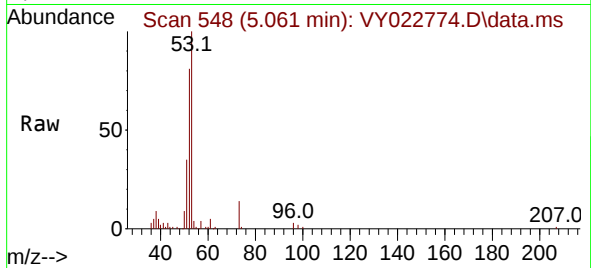




#15
Acrylonitrile
Concen: 280.710 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

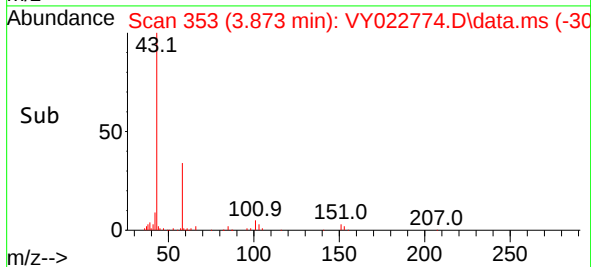
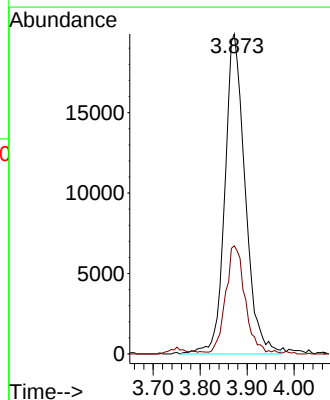
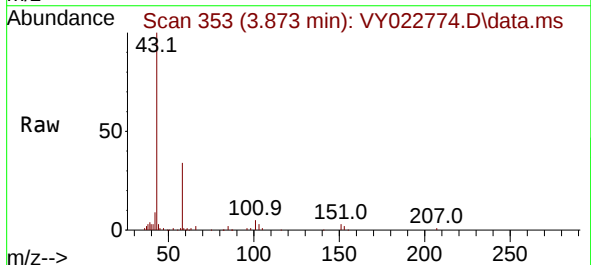
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

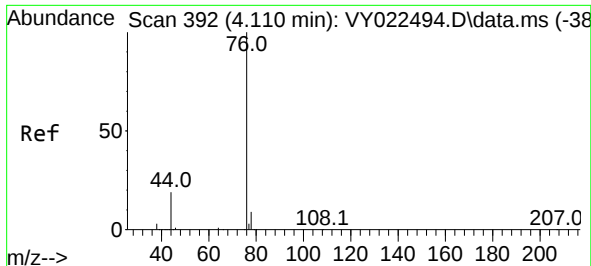
Tgt Ion: 53 Resp: 83132
Ion Ratio Lower Upper
53 100
52 81.7 65.7 98.5
51 38.3 30.1 45.1



#16
Acetone
Concen: 220.472 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 43 Resp: 59695
Ion Ratio Lower Upper
43 100
58 33.5 24.0 36.0

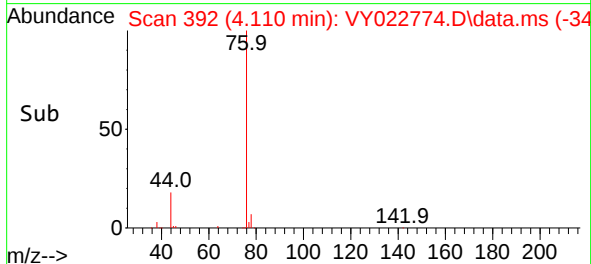
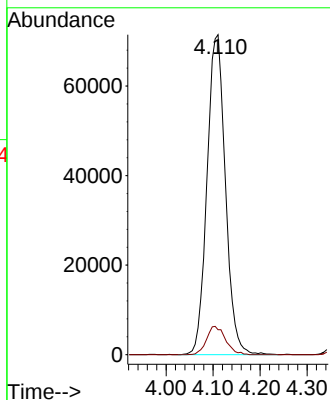
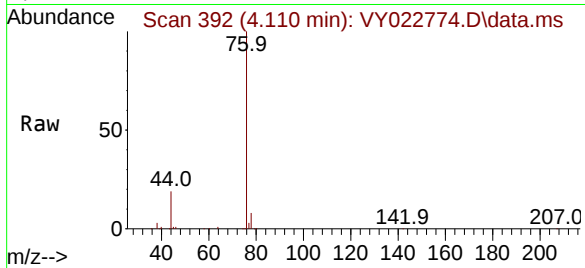




#17
Carbon Disulfide
Concen: 48.487 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

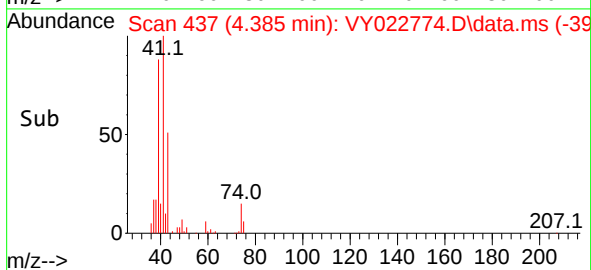
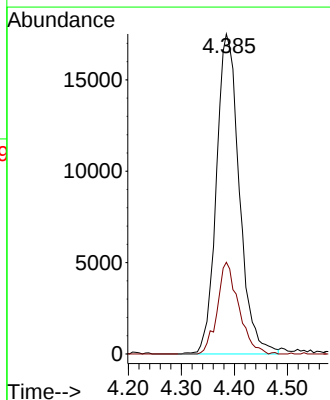
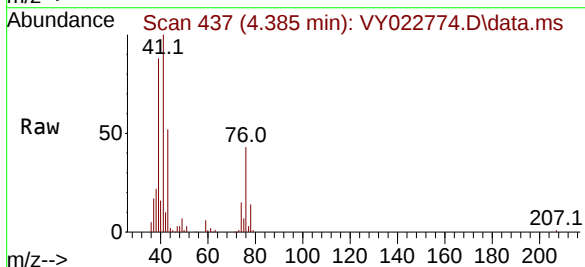
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

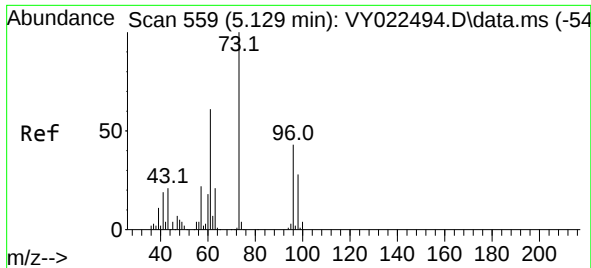
Tgt Ion: 76 Resp: 194050
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.2



#18
Methyl Acetate
Concen: 65.621 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 43 Resp: 52614
Ion Ratio Lower Upper
43 100
74 26.6 19.8 29.6

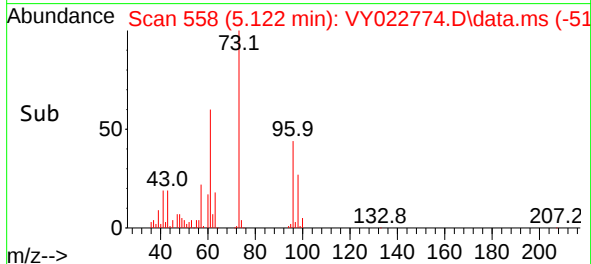
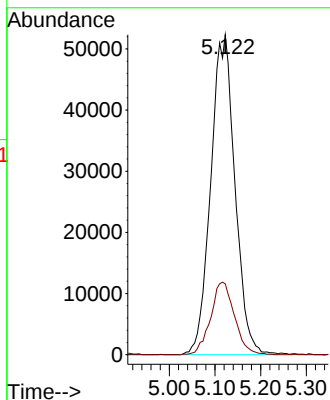
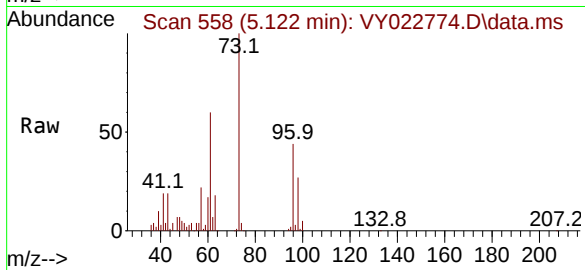




#19
Methyl tert-butyl Ether
Concen: 54.708 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

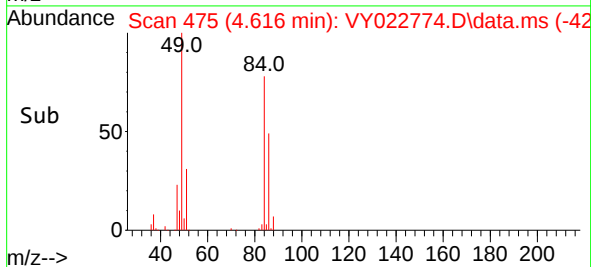
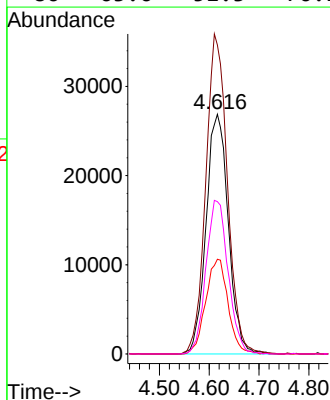
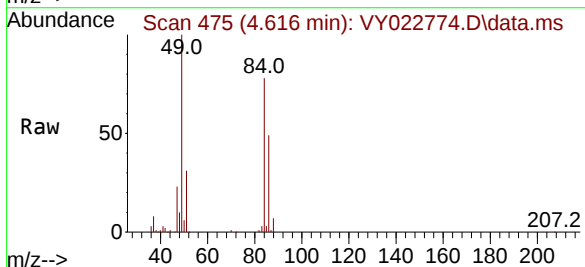
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

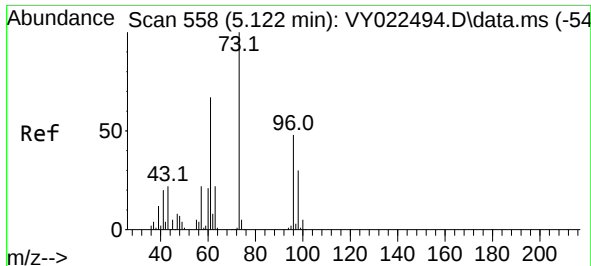
Tgt Ion: 73 Resp: 192620
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0



#20
Methylene Chloride
Concen: 54.176 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 84 Resp: 83324
Ion Ratio Lower Upper
84 100
49 128.9 101.9 152.9
51 39.5 29.8 44.8
86 63.6 51.3 76.9

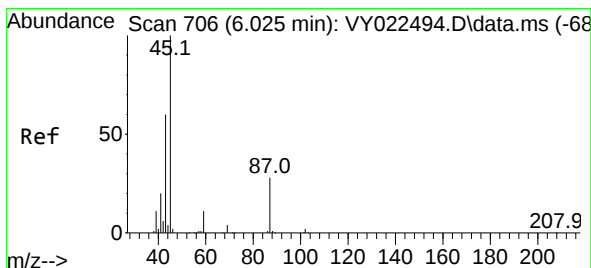
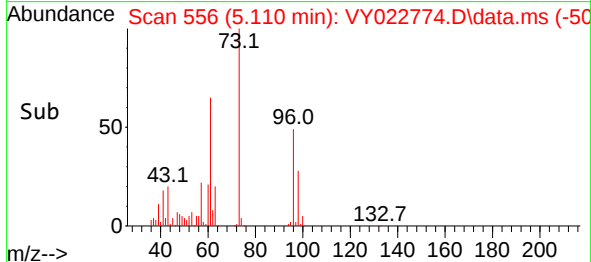
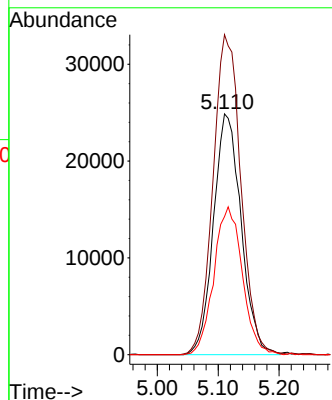
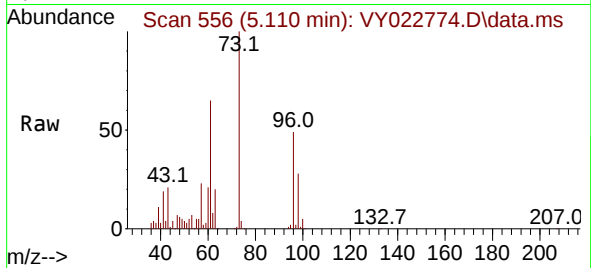




#21
trans-1,2-Dichloroethene
Concen: 55.979 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

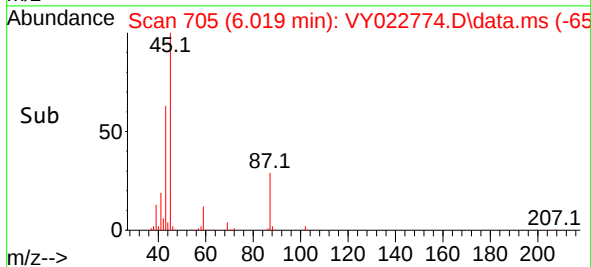
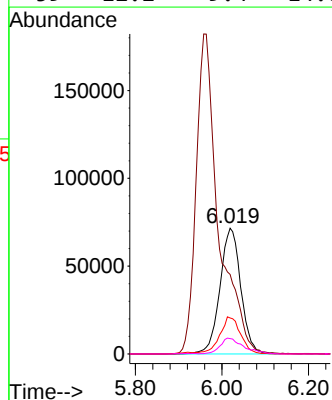
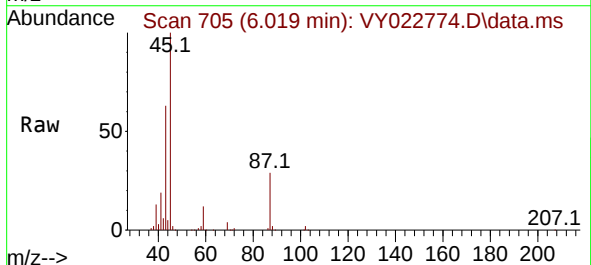
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 78318
Ion Ratio Lower Upper
96 100
61 132.9 112.6 169.0
98 57.4 50.6 75.8



#22
Diisopropyl ether
Concen: 54.951 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 45 Resp: 240035
Ion Ratio Lower Upper
45 100
43 62.9 48.3 72.5
87 28.6 23.0 34.6
59 12.2 9.4 14.0

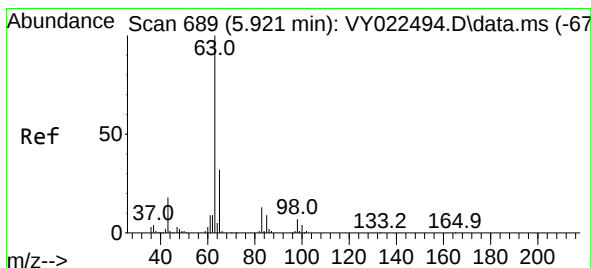
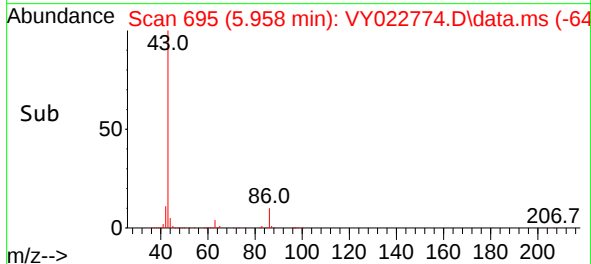
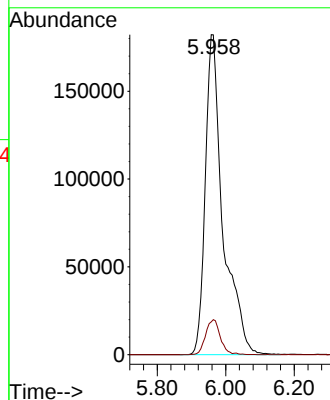
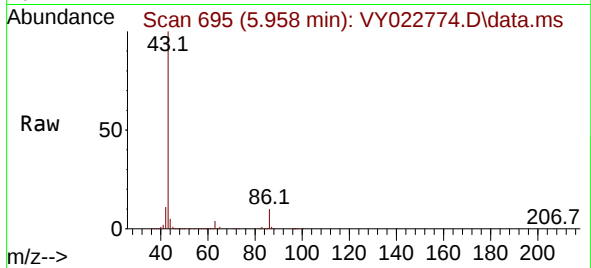




#23
 Vinyl Acetate
 Concen: 252.872 ug/l
 RT: 5.958 min Scan# 64
 Delta R.T. -0.012 min
 Lab File: VY022774.D
 Acq: 20 Jun 2025 19:25

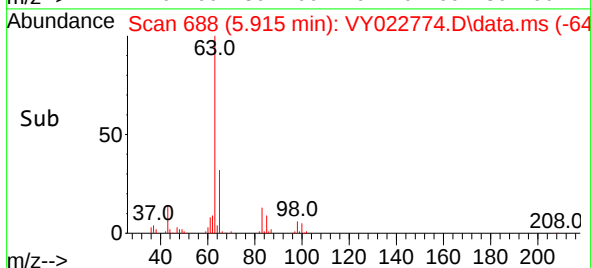
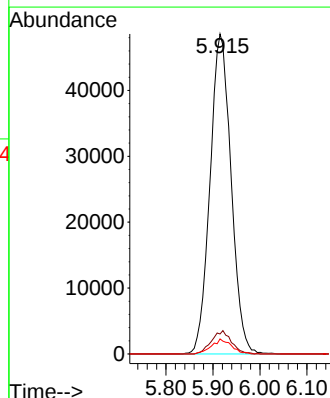
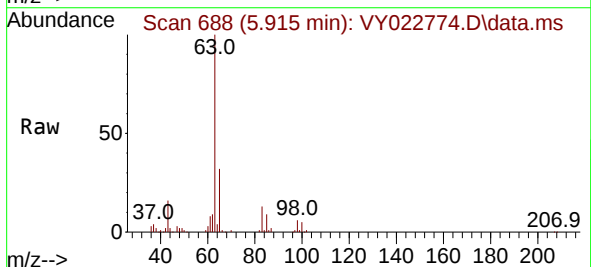
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 653772
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 58.754 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022774.D
 Acq: 20 Jun 2025 19:25

Tgt Ion: 63 Resp: 151193
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 4.7 2.1 6.3

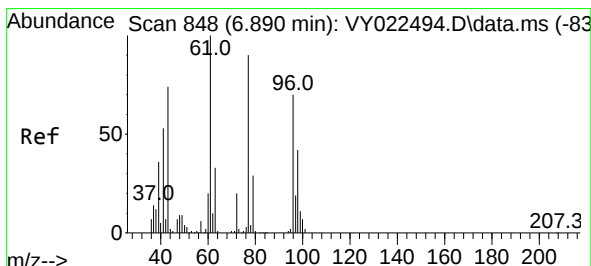
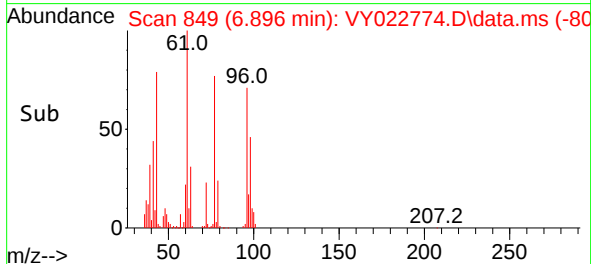
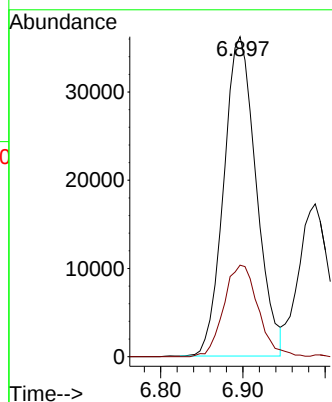
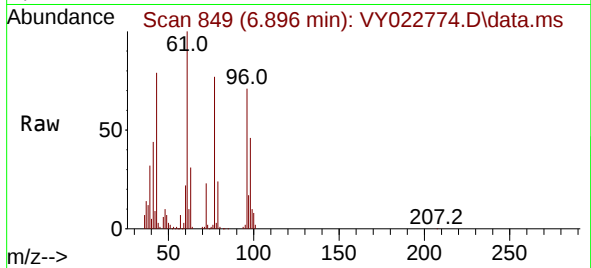




#25
2-Butanone
Concen: 254.386 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

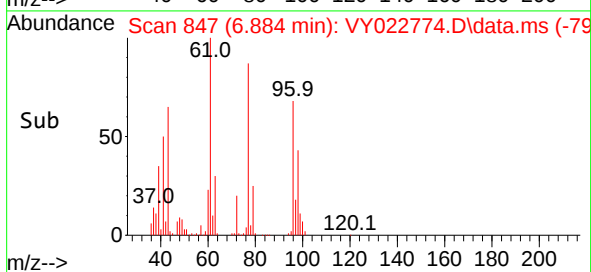
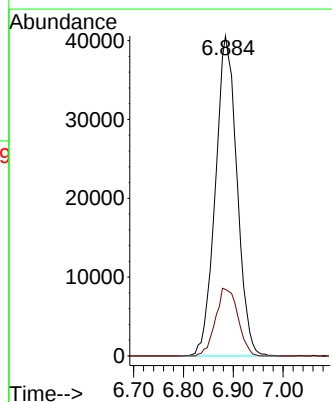
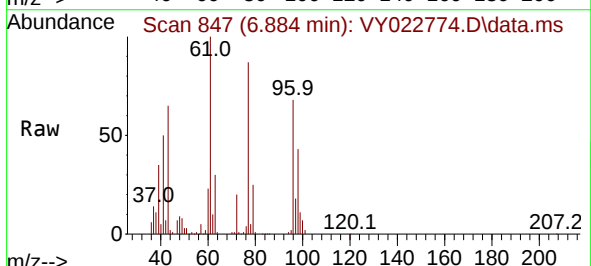
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 99352
Ion Ratio Lower Upper
43 100
72 28.7 22.9 34.3



#26
2,2-Dichloropropane
Concen: 53.603 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 77 Resp: 121876
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 58.287 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

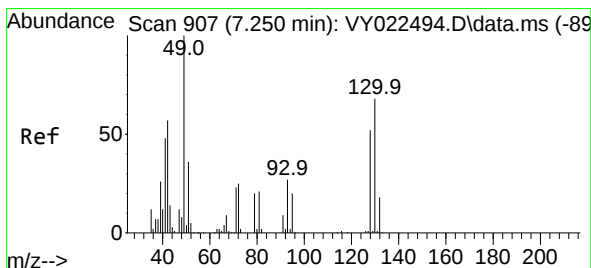
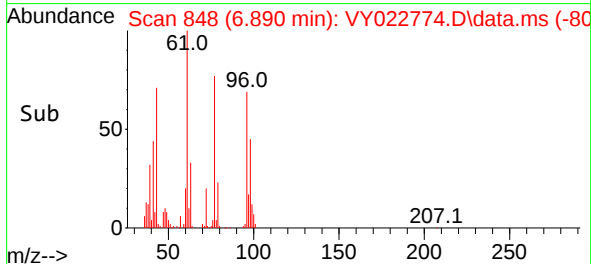
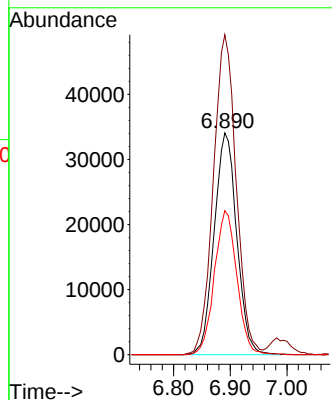
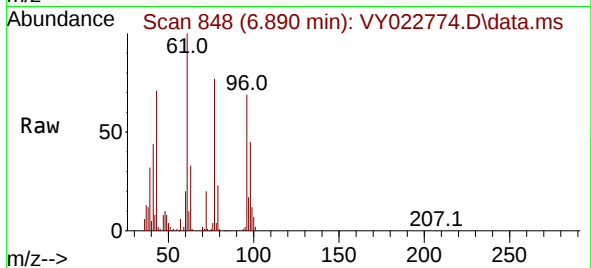
Tgt Ion: 96 Resp: 94256

Ion Ratio Lower Upper

96 100

61 146.1 0.0 290.0

98 64.5 0.0 128.4



#28

Bromochloromethane

Concen: 55.839 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

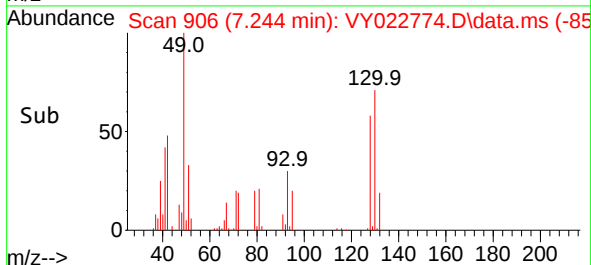
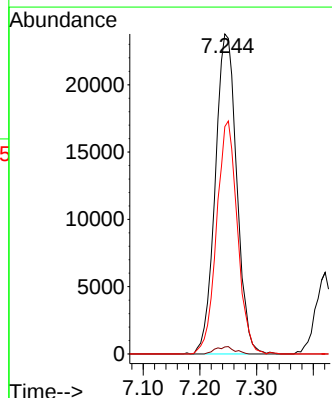
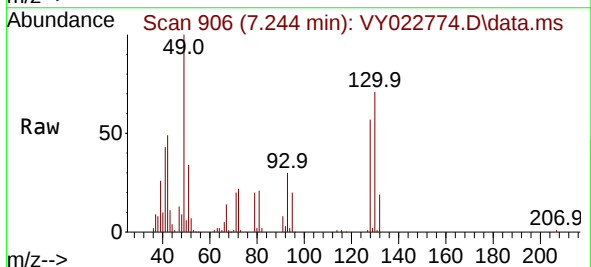
Tgt Ion: 49 Resp: 62637

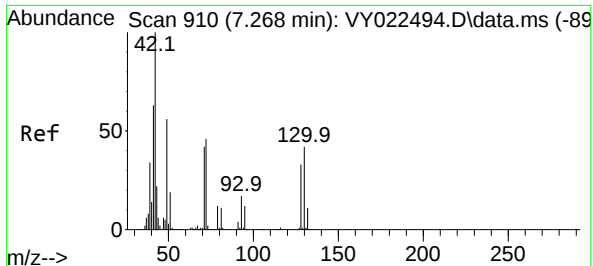
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 70.5 55.7 83.5





#29

Tetrahydrofuran

Concen: 258.816 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

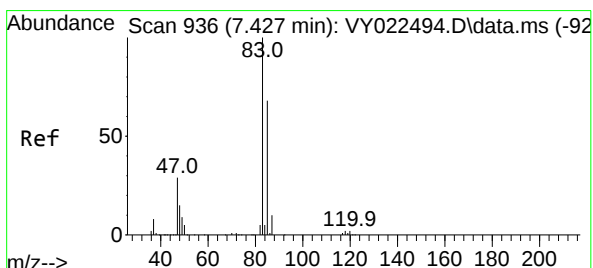
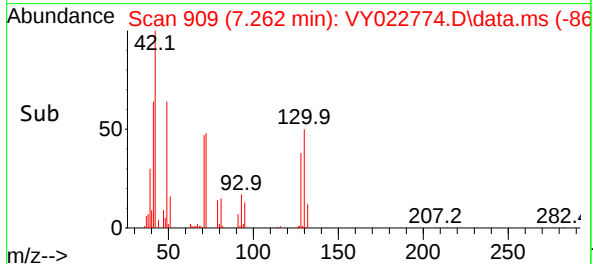
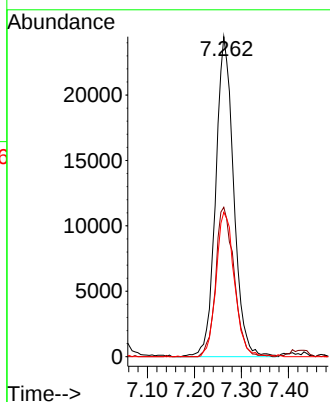
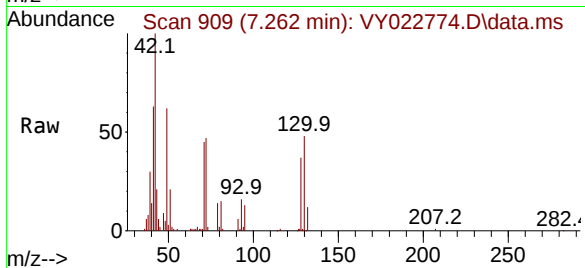
Tgt Ion: 42 Resp: 65195

Ion Ratio Lower Upper

42 100

72 47.8 37.4 56.2

71 45.8 34.2 51.2



#30

Chloroform

Concen: 59.484 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022774.D

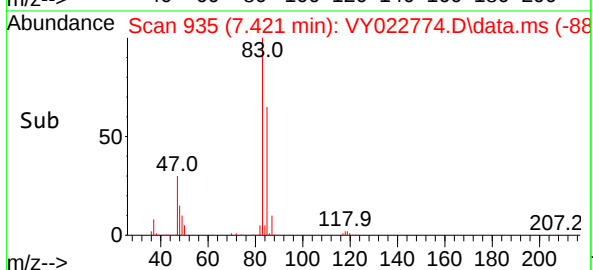
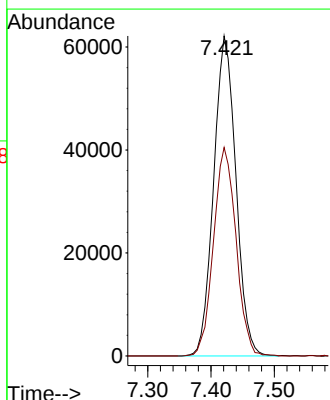
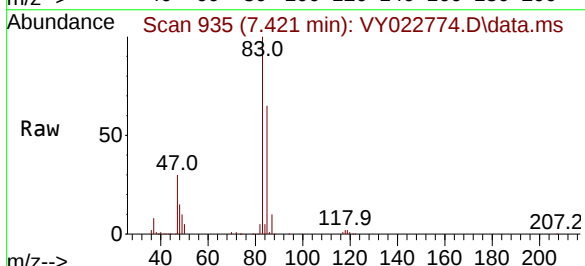
Acq: 20 Jun 2025 19:25

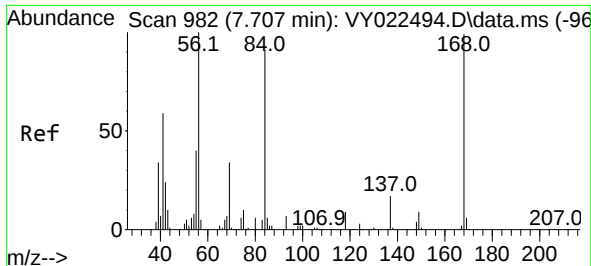
Tgt Ion: 83 Resp: 151617

Ion Ratio Lower Upper

83 100

85 65.2 54.2 81.4

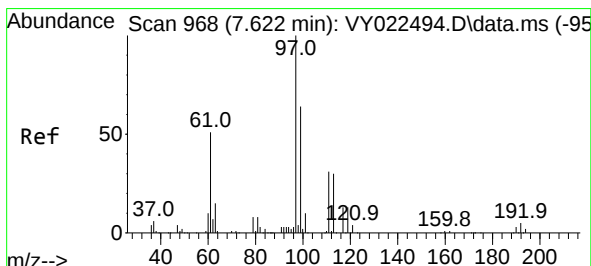
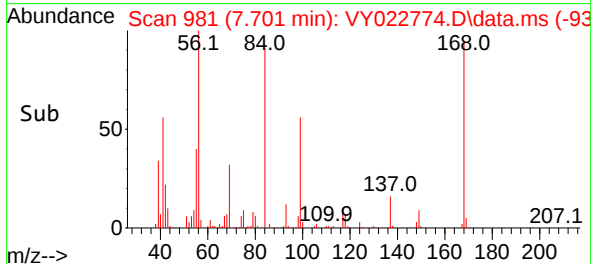
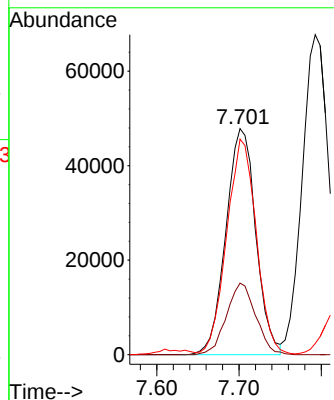
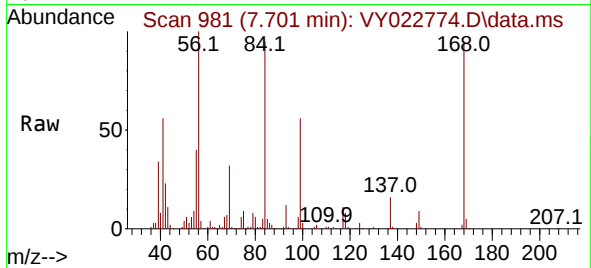




#31
Cyclohexane
Concen: 47.232 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

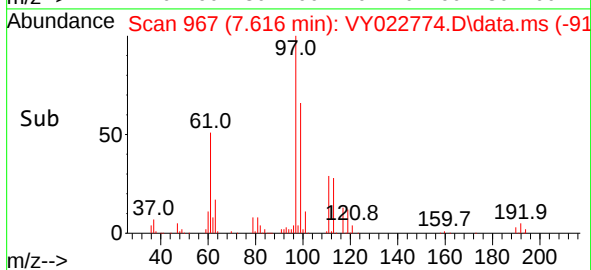
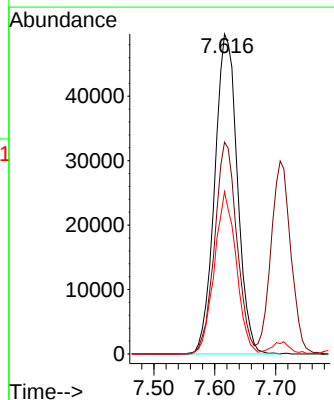
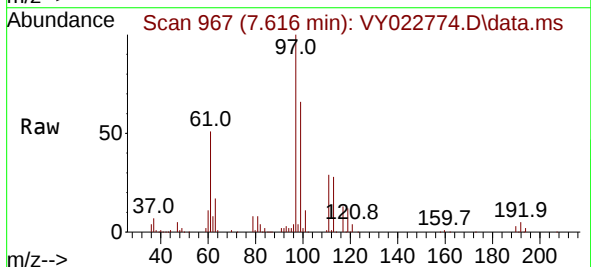
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

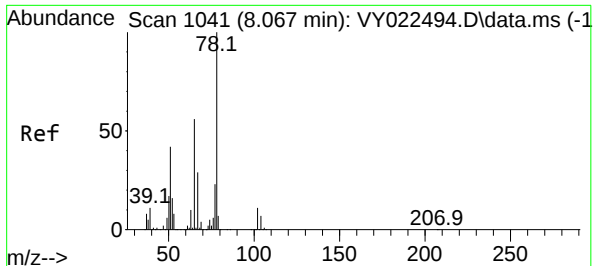
Tgt Ion: 56 Resp: 121002
Ion Ratio Lower Upper
56 100
69 31.7 27.0 40.6
84 93.8 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 56.718 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 97 Resp: 128333
Ion Ratio Lower Upper
97 100
99 65.0 50.9 76.3
61 48.9 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 56.670 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

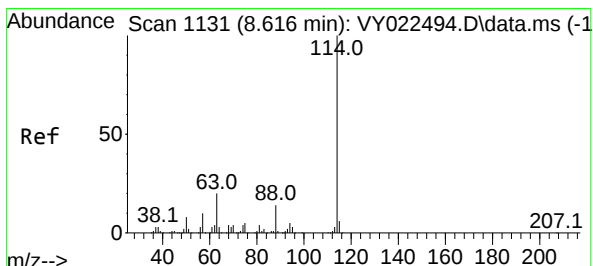
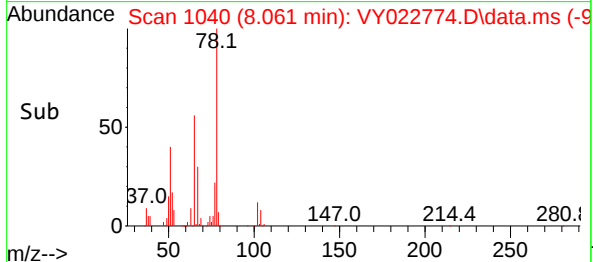
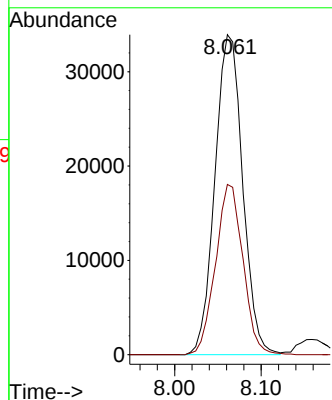
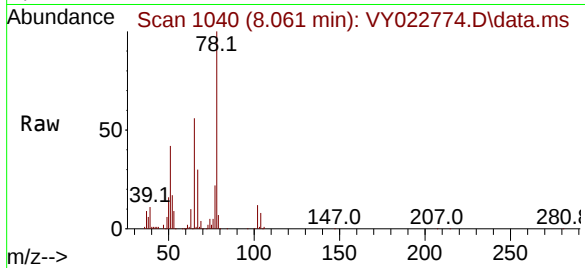
VSTDCCC050EC

Tgt Ion: 65 Resp: 75554

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

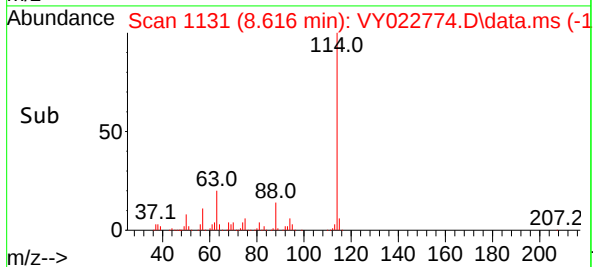
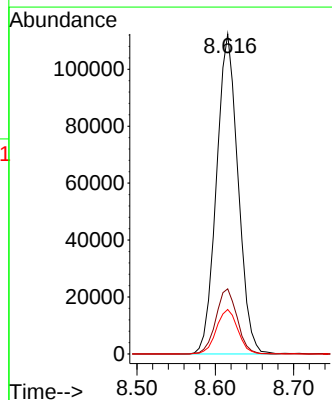
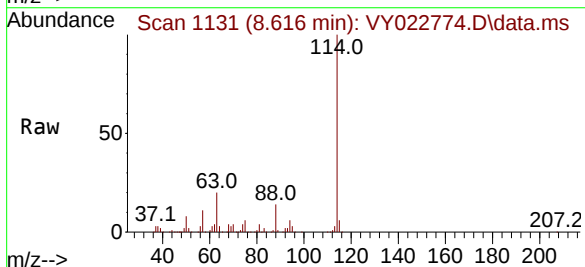
Tgt Ion: 114 Resp: 215198

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 13.9 0.0 27.8

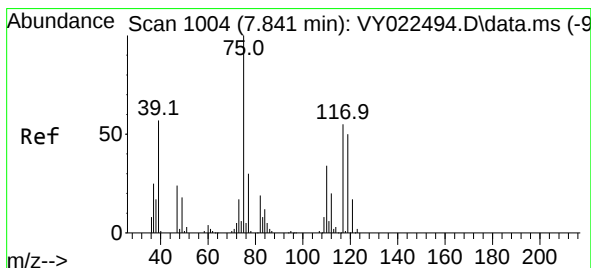
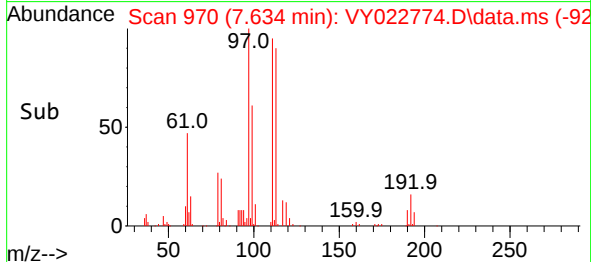
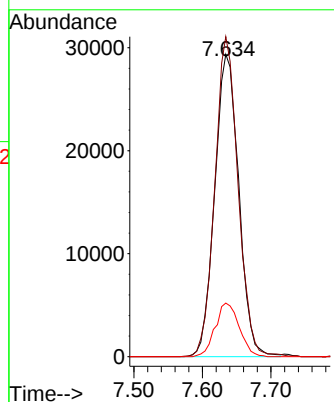
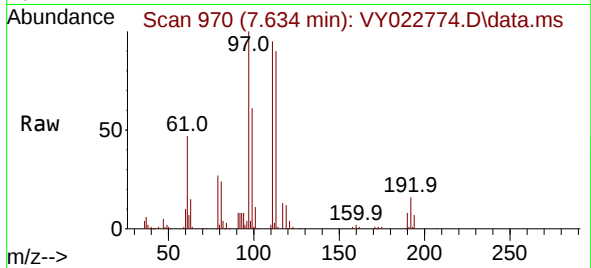




#35
Dibromofluoromethane
Concen: 55.611 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

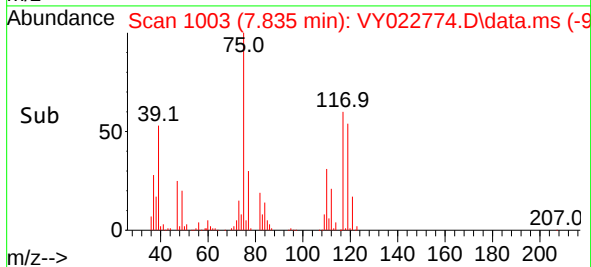
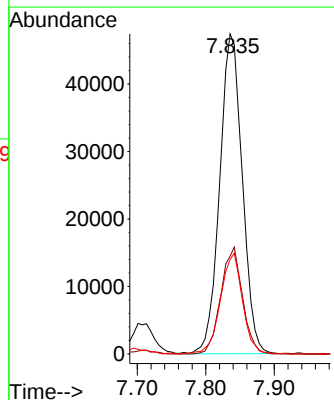
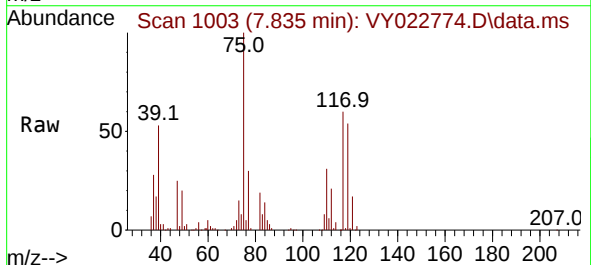
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

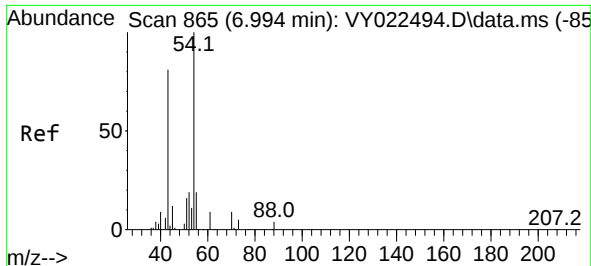
Tgt Ion:113 Resp: 71431
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 17.7 14.2 21.2



#36
1,1-Dichloropropene
Concen: 51.947 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 75 Resp: 108295
Ion Ratio Lower Upper
75 100
110 32.1 16.9 50.7
77 30.6 24.8 37.2





#37

Ethyl Acetate

Concen: 50.114 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

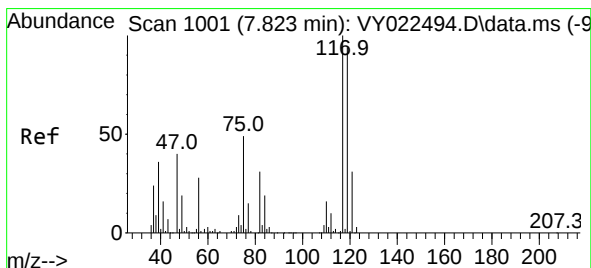
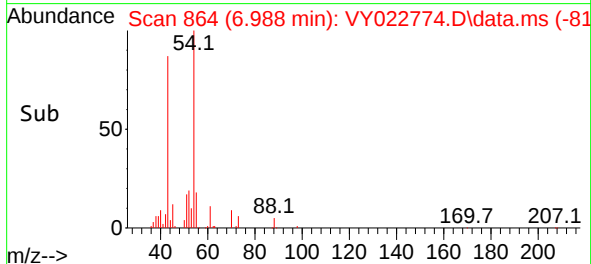
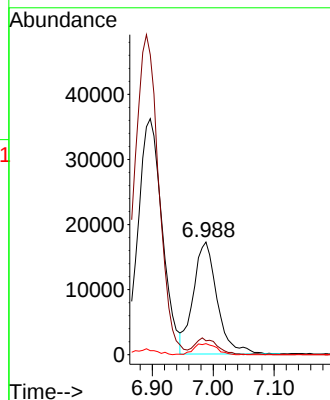
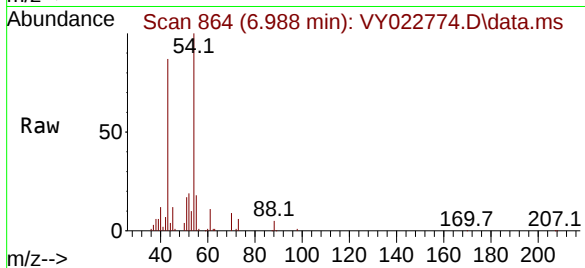
Tgt Ion: 43 Resp: 46590

Ion Ratio Lower Upper

43 100

61 13.7 11.5 17.3

70 9.4 7.2 10.8



#38

Carbon Tetrachloride

Concen: 52.213 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

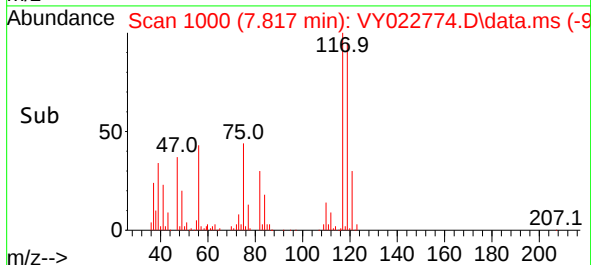
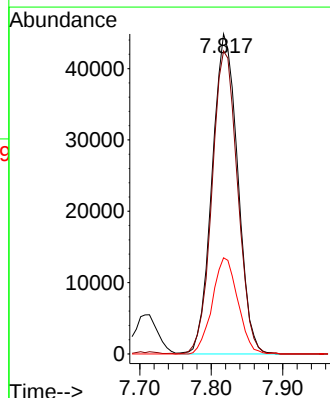
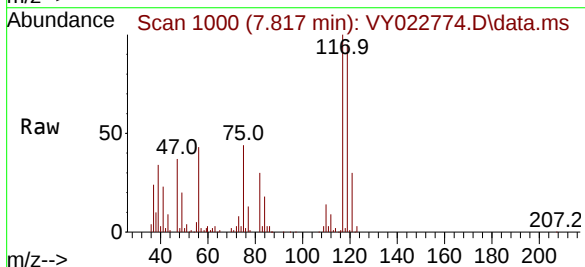
Tgt Ion: 117 Resp: 111663

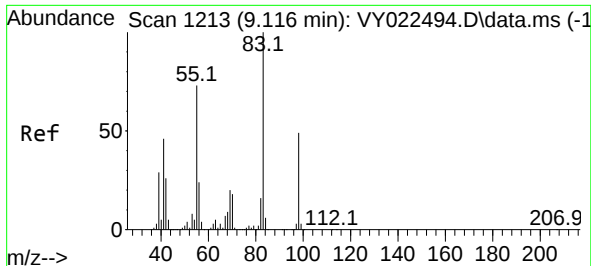
Ion Ratio Lower Upper

117 100

119 94.7 75.0 112.6

121 30.1 25.0 37.4





#39

Methylcyclohexane

Concen: 47.630 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

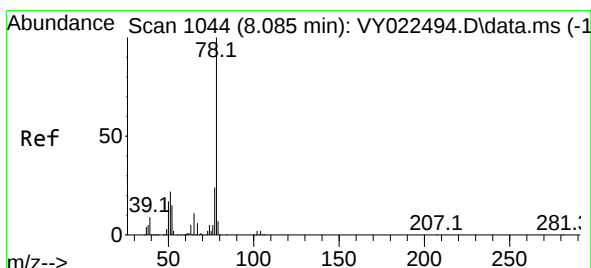
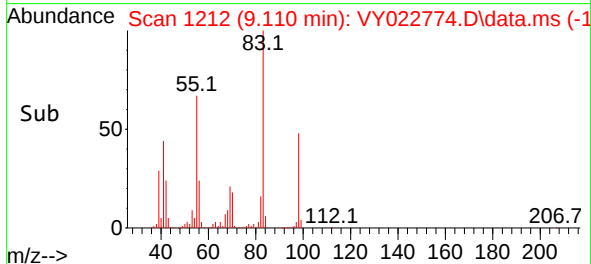
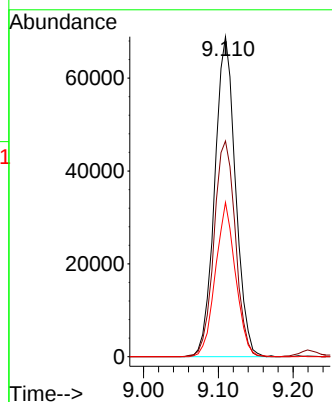
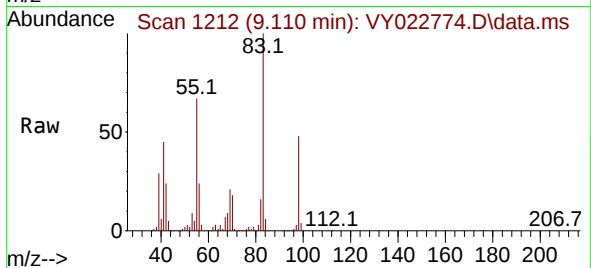
Tgt Ion: 83 Resp: 133438

Ion Ratio Lower Upper

83 100

55 67.4 58.1 87.1

98 48.2 39.0 58.6



#40

Benzene

Concen: 54.512 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022774.D

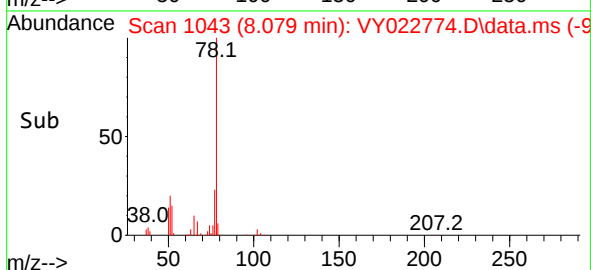
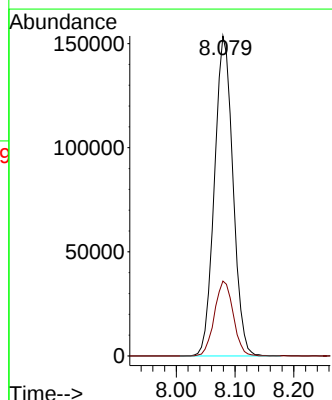
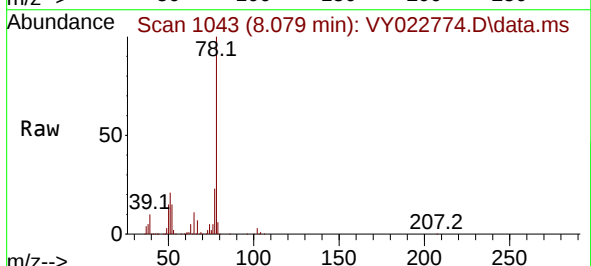
Acq: 20 Jun 2025 19:25

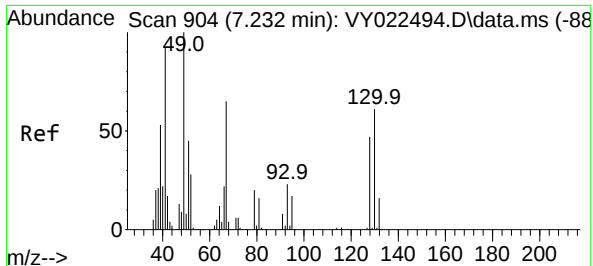
Tgt Ion: 78 Resp: 335652

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9

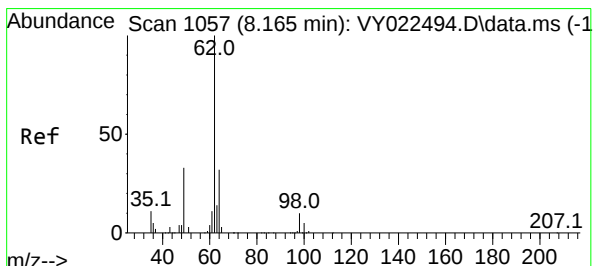
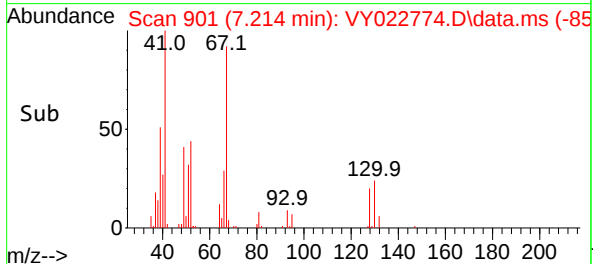
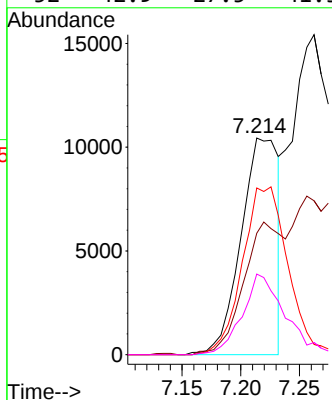
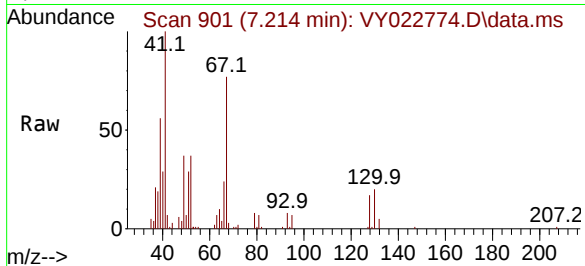




#41
Methacrylonitrile
Concen: 42.561 ug/l
RT: 7.214 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

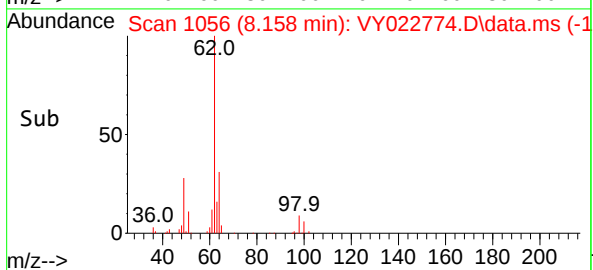
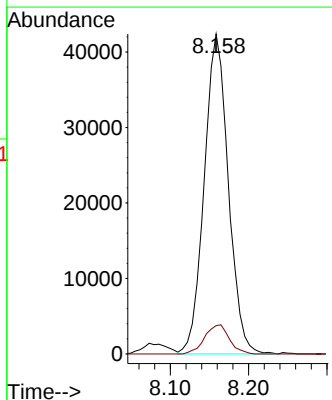
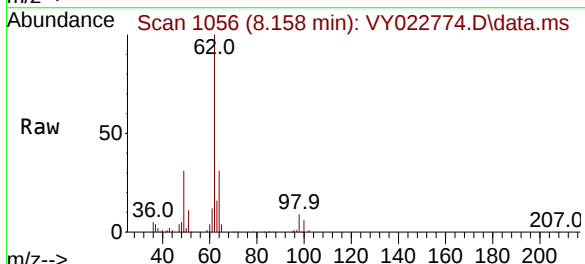
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

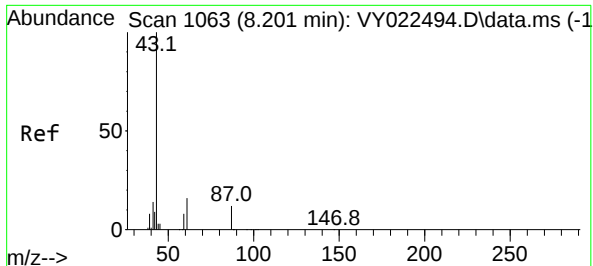
Tgt Ion:	41	Resp:	23112
Ion	Ratio	Lower	Upper
41	100		
39	66.3	46.6	69.8
67	94.5	63.3	94.9
52	42.9	27.5	41.3



#42
1,2-Dichloroethane
Concen: 53.927 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion:	62	Resp:	90663
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 48.787 ug/l

RT: 8.201 min Scan# 11063

Delta R.T. -0.000 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

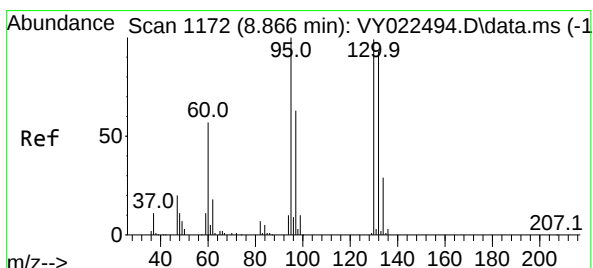
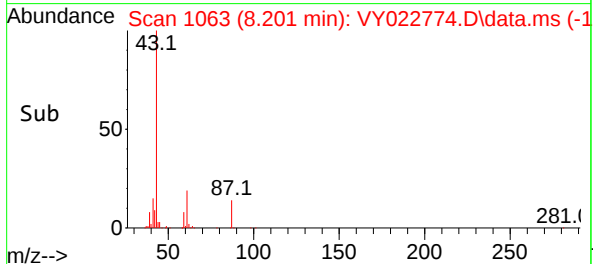
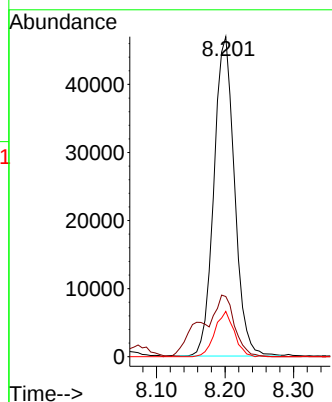
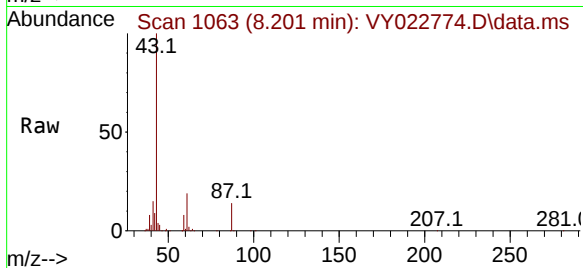
Tgt Ion: 43 Resp: 97956

Ion Ratio Lower Upper

43 100

61 18.6 15.6 23.4

87 13.4 10.2 15.4



#44

Trichloroethene

Concen: 55.426 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022774.D

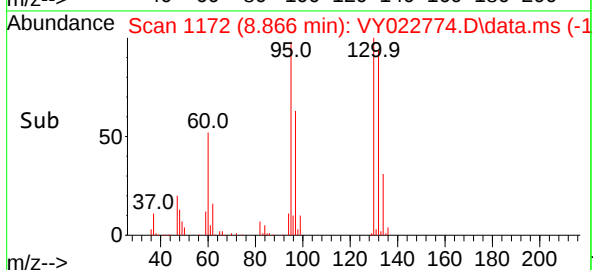
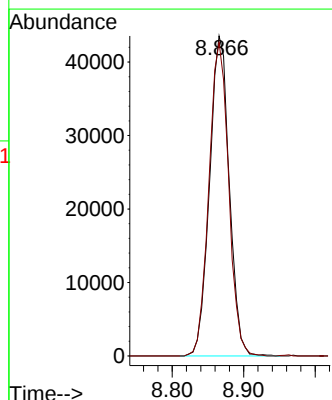
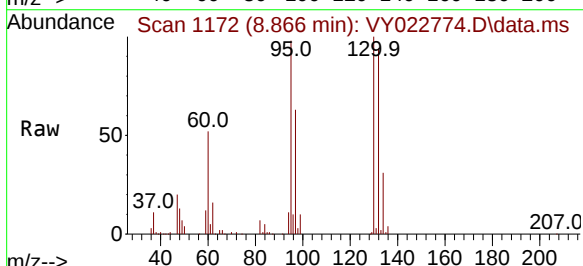
Acq: 20 Jun 2025 19:25

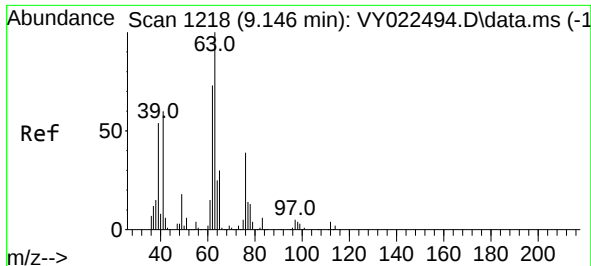
Tgt Ion:130 Resp: 83410

Ion Ratio Lower Upper

130 100

95 98.0 0.0 203.0





#45

1,2-Dichloropropane

Concen: 56.093 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

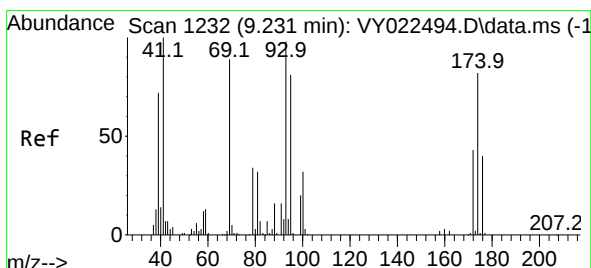
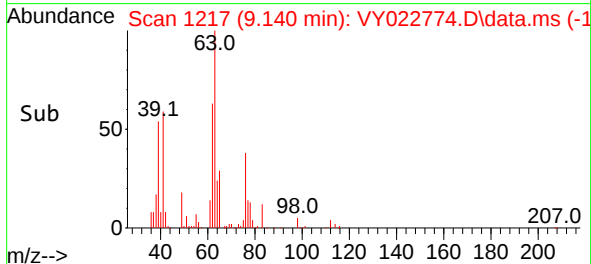
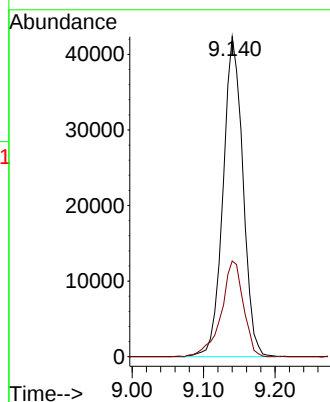
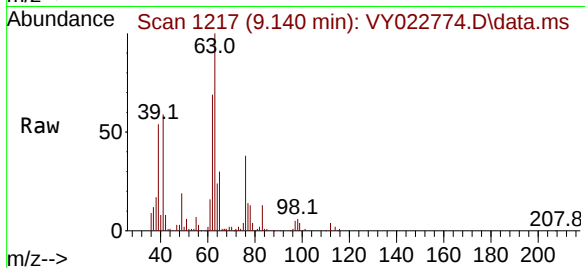
VSTDCCC050EC

Tgt Ion: 63 Resp: 81626

Ion Ratio Lower Upper

63 100

65 29.8 24.0 36.0



#46

Dibromomethane

Concen: 55.580 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

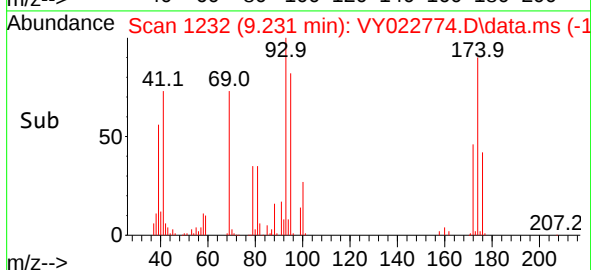
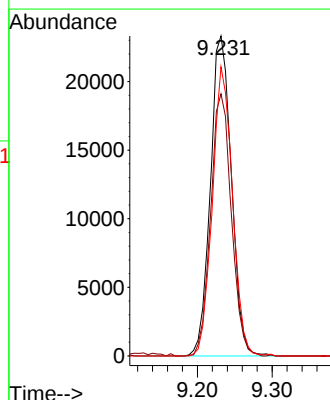
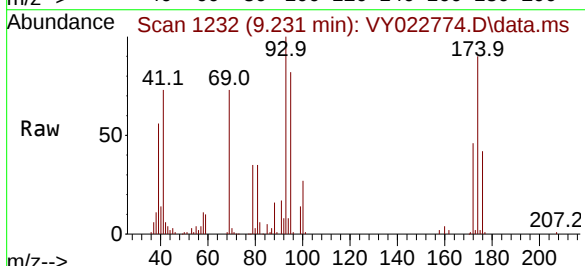
Tgt Ion: 93 Resp: 45502

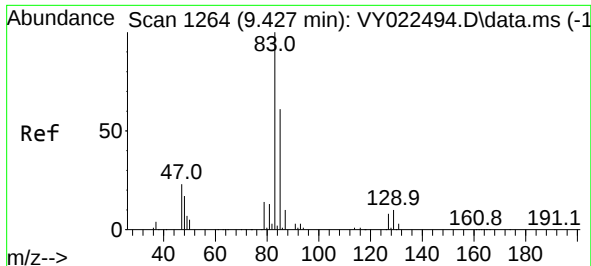
Ion Ratio Lower Upper

93 100

95 80.6 65.6 98.4

174 86.7 70.4 105.6

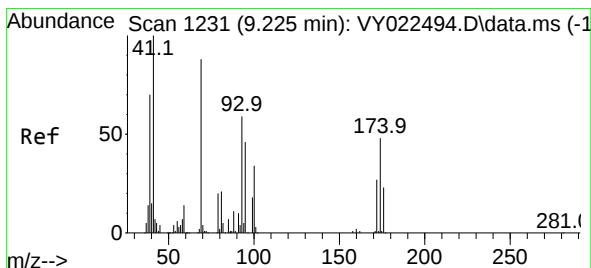
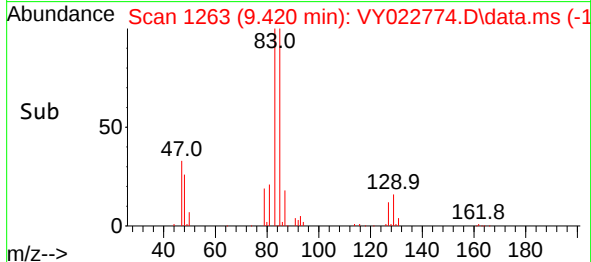
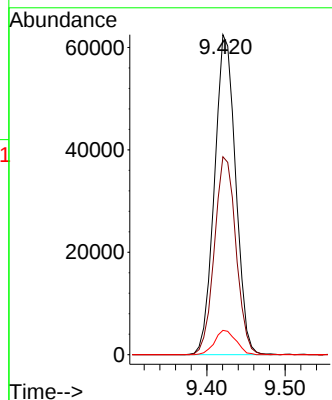
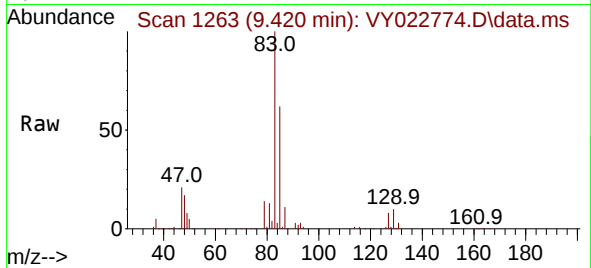




#47
Bromodichloromethane
Concen: 56.427 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

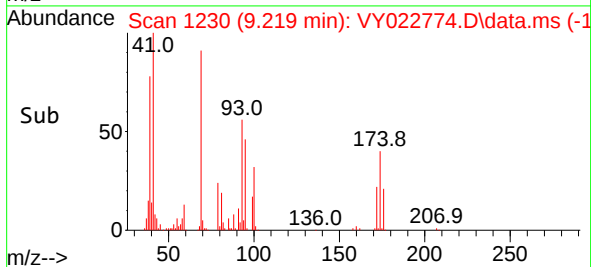
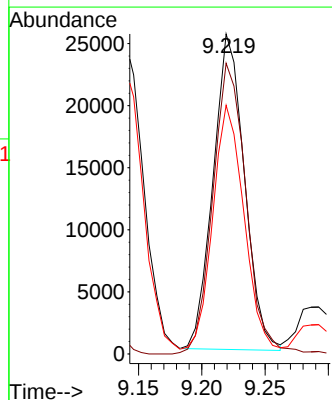
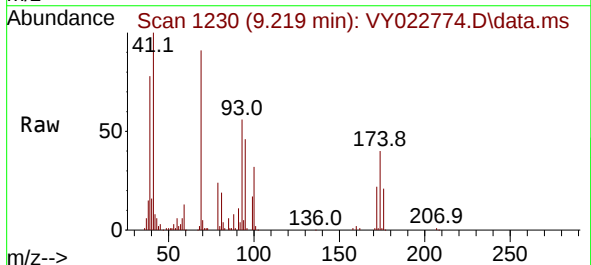
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

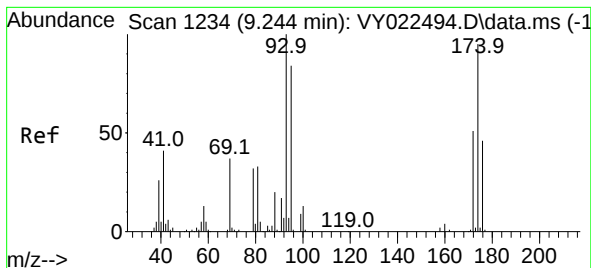
Tgt Ion: 83 Resp: 117134
Ion Ratio Lower Upper
83 100
85 61.9 49.1 73.7
127 7.6 6.2 9.4



#48
Methyl methacrylate
Concen: 46.465 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 41 Resp: 43786
Ion Ratio Lower Upper
41 100
69 97.9 67.8 101.8
39 76.7 55.0 82.4





#49

1,4-Dioxane

Concen: 864.023 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

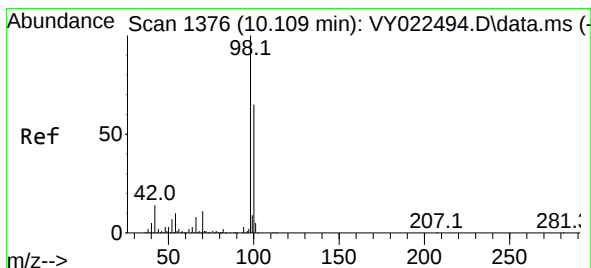
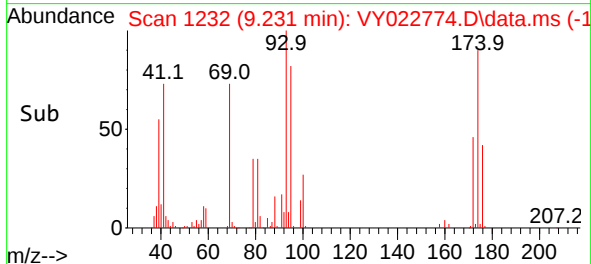
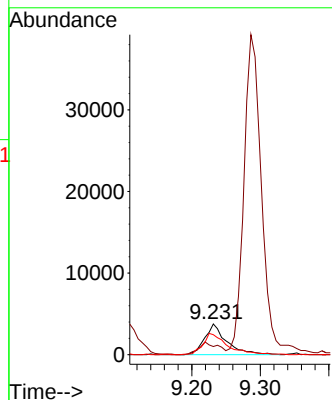
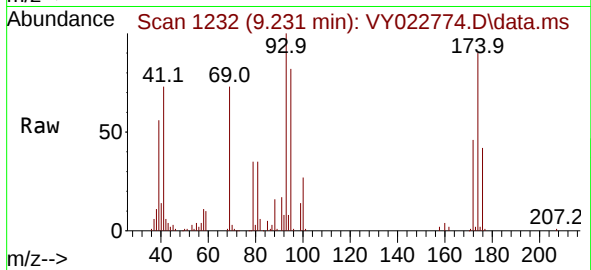
Tgt Ion: 88 Resp: 8380

Ion Ratio Lower Upper

88 100

43 36.6 25.4 38.2

58 77.3 54.9 82.3



#50

Toluene-d8

Concen: 53.816 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022774.D

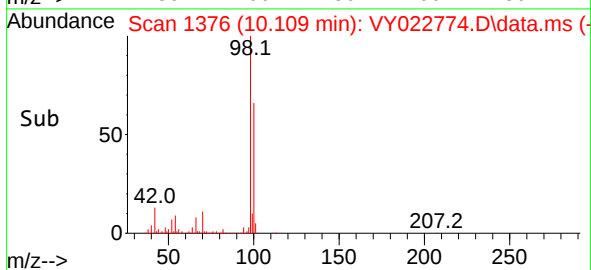
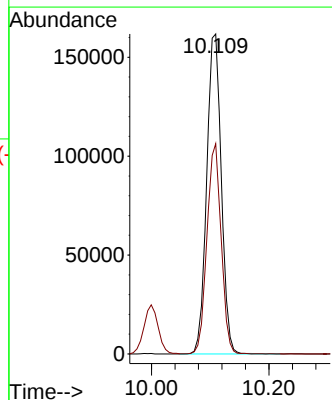
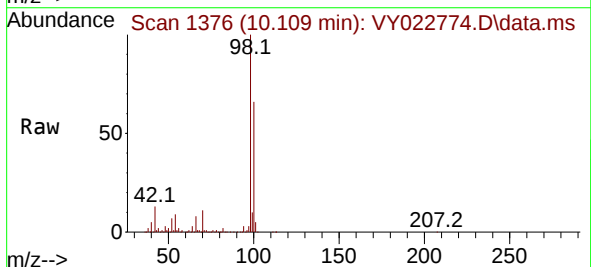
Acq: 20 Jun 2025 19:25

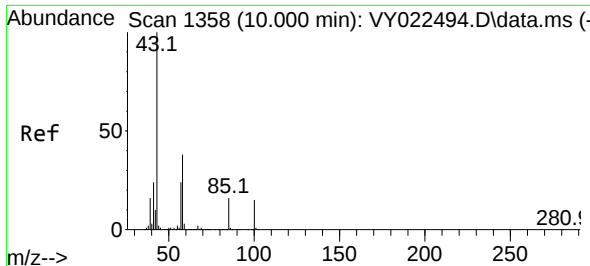
Tgt Ion: 98 Resp: 279308

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0

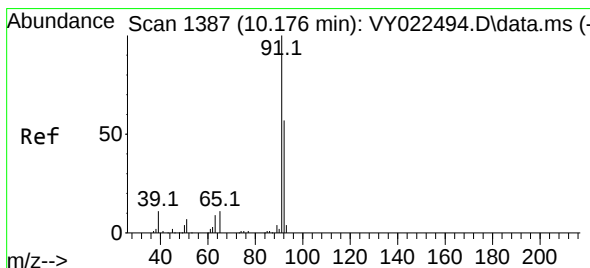
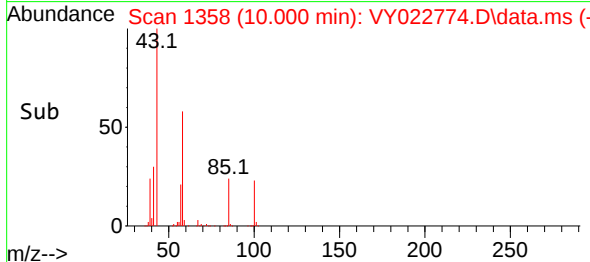
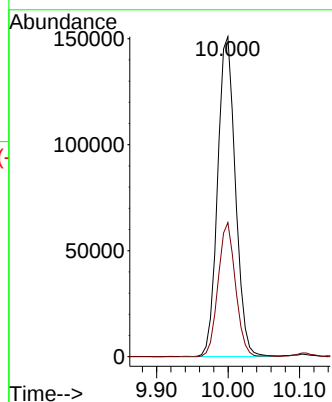
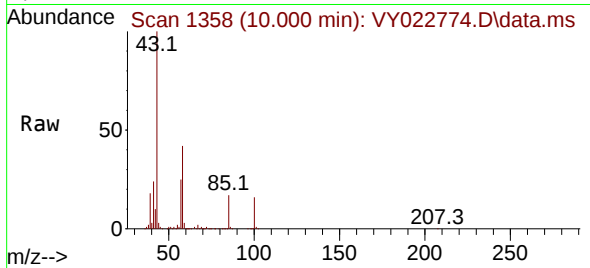




#51
4-Methyl-2-Pentanone
Concen: 260.557 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

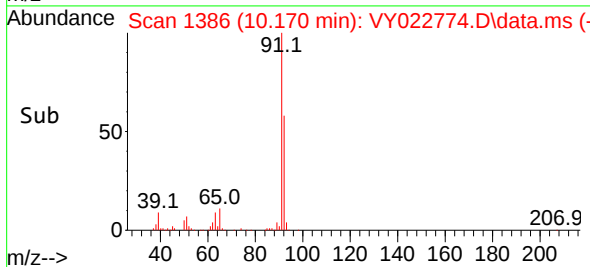
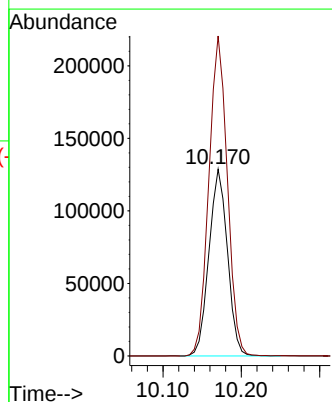
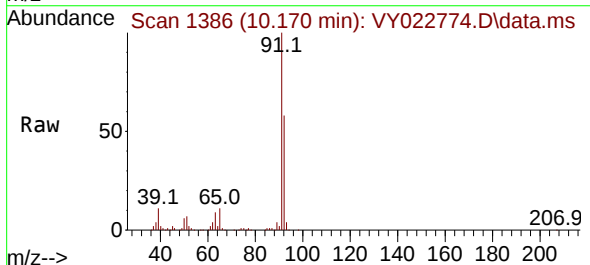
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

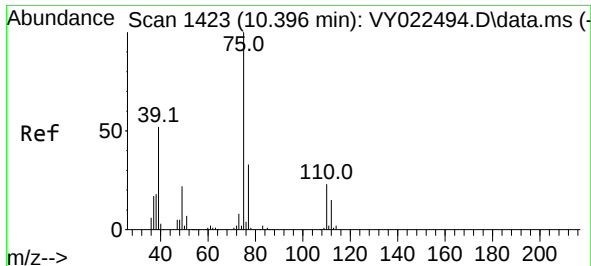
Tgt Ion: 43 Resp: 260830
Ion Ratio Lower Upper
43 100
58 41.0 30.4 45.6



#52
Toluene
Concen: 54.502 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 92 Resp: 210895
Ion Ratio Lower Upper
92 100
91 171.2 139.0 208.4

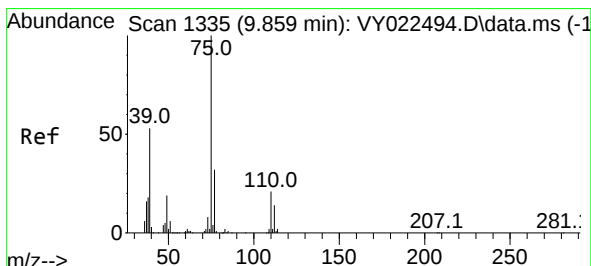
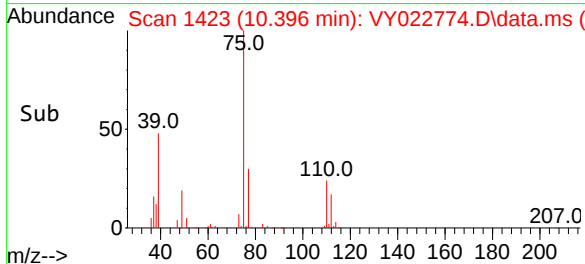
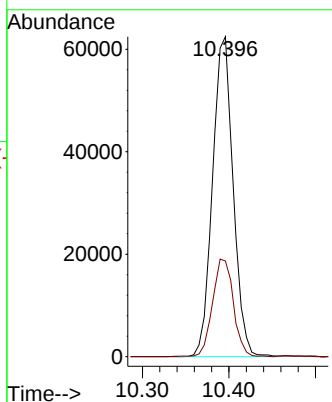
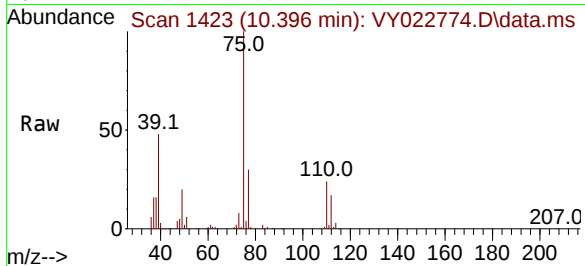




#53
t-1,3-Dichloropropene
Concen: 53.017 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

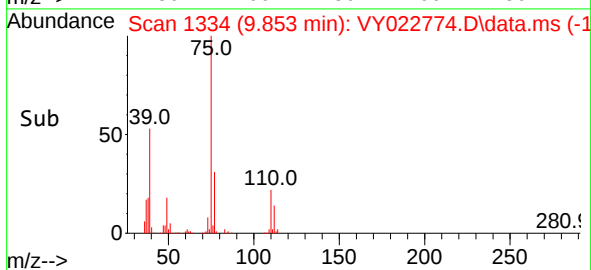
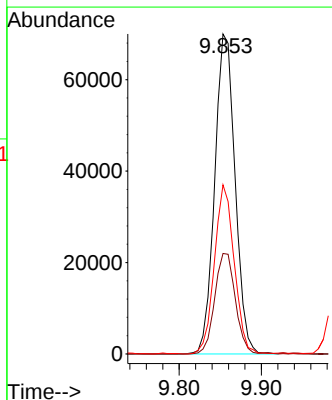
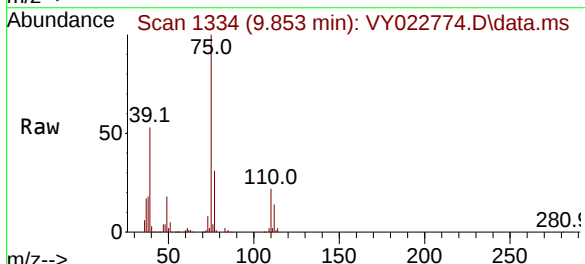
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

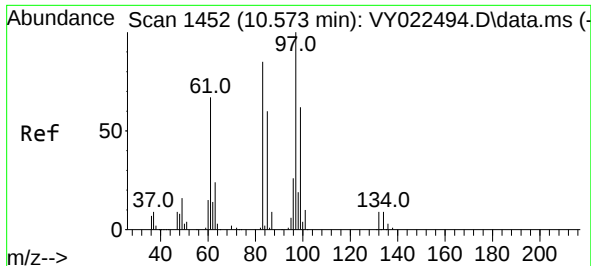
Tgt Ion: 75 Resp: 103118
Ion Ratio Lower Upper
75 100
77 29.8 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 53.384 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 75 Resp: 120866
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 52.7 42.7 64.1

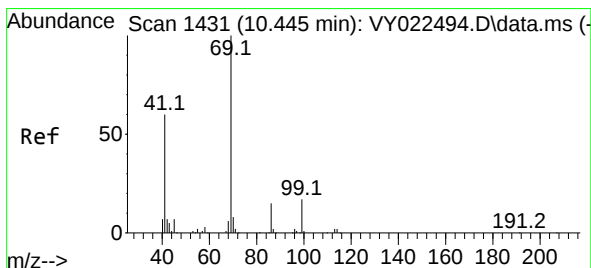
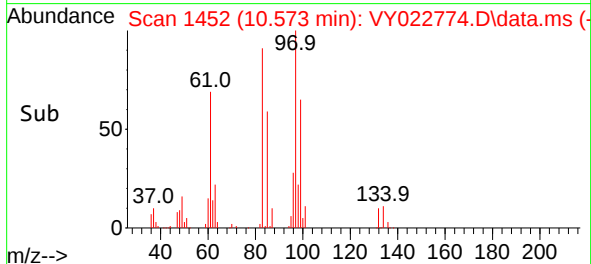
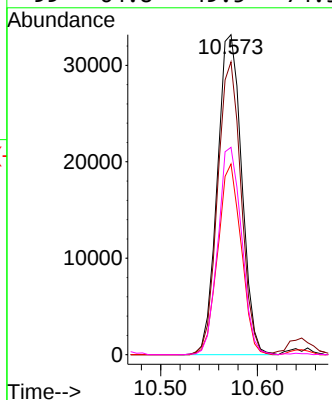
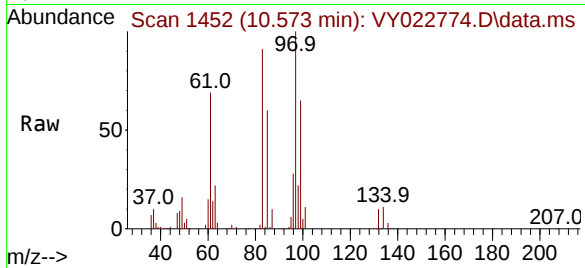




#55
1,1,2-Trichloroethane
Concen: 55.593 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

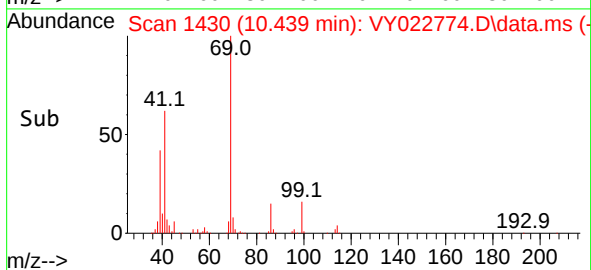
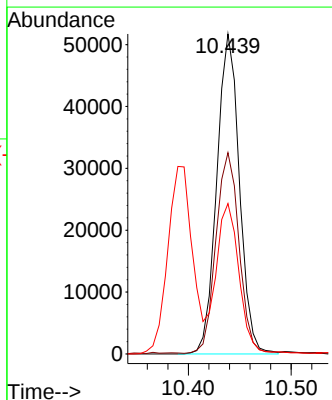
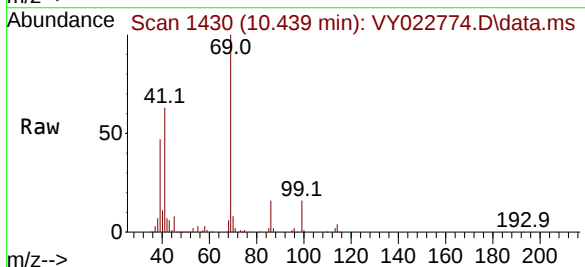
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	58034
Ion	Ratio	Lower	Upper
97	100		
83	91.5	68.1	102.1
85	59.6	48.2	72.2
99	64.8	49.5	74.3



#56
Ethyl methacrylate
Concen: 52.317 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion:	69	Resp:	78935
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.2	78.2
39	47.7	36.7	55.1





#57

1,3-Dichloropropane

Concen: 54.102 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

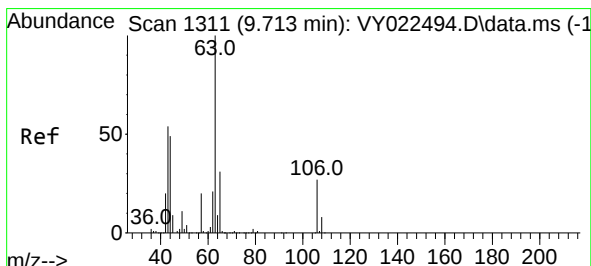
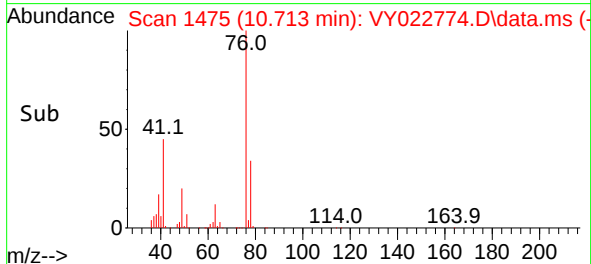
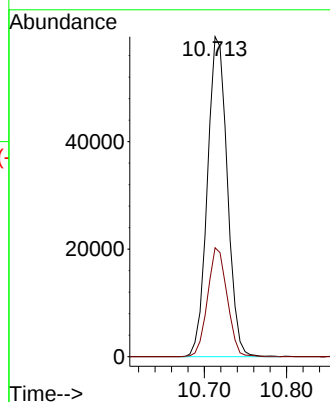
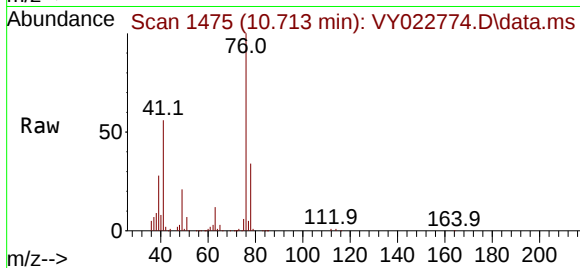
VSTDCCC050EC

Tgt Ion: 76 Resp: 100101

Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 286.866 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022774.D

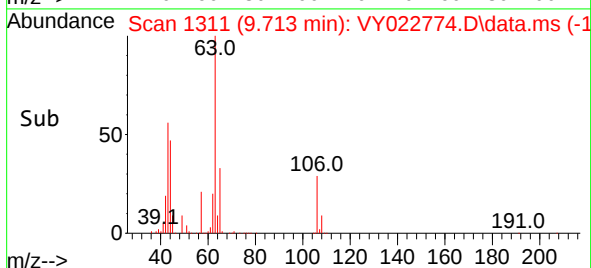
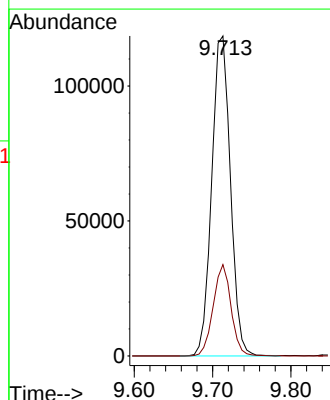
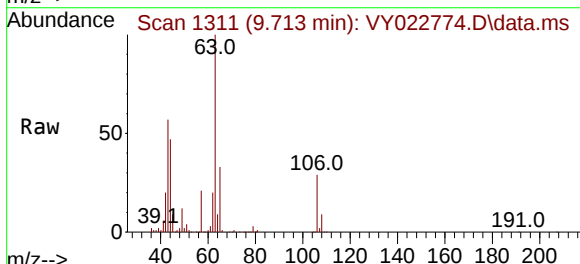
Acq: 20 Jun 2025 19:25

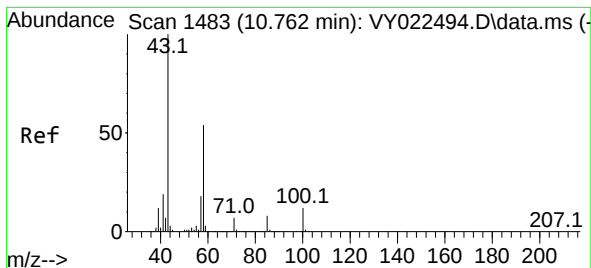
Tgt Ion: 63 Resp: 196510

Ion Ratio Lower Upper

63 100

106 27.3 21.6 32.4

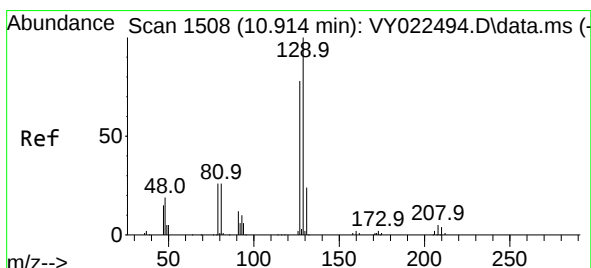
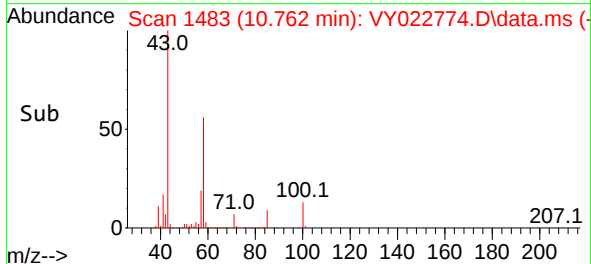
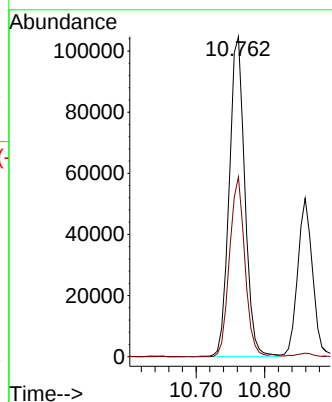
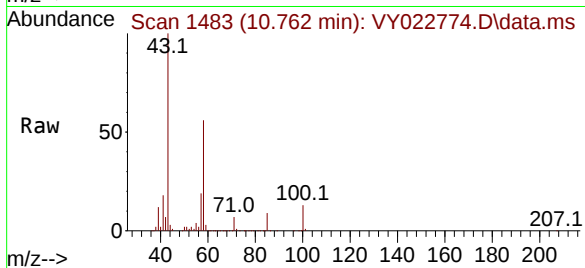




#59
2-Hexanone
Concen: 247.226 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

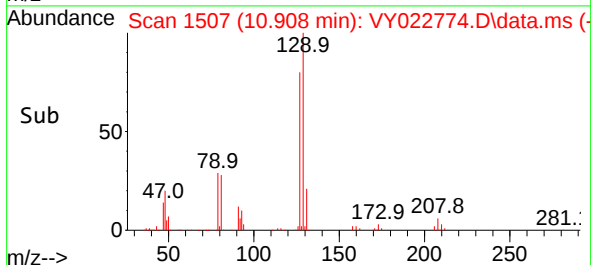
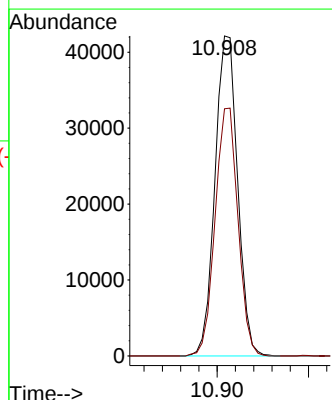
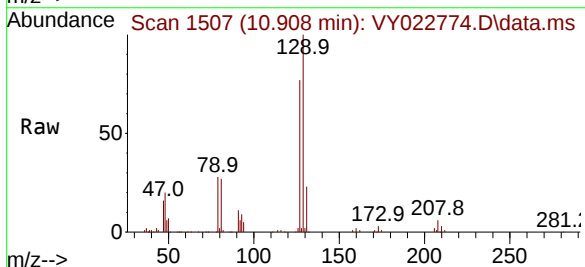
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

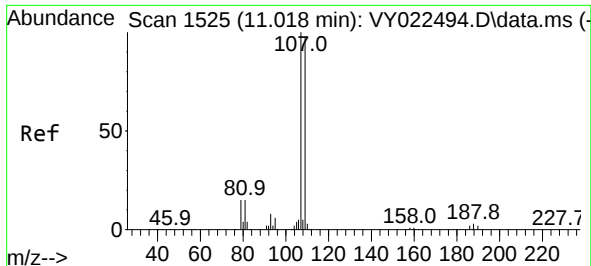
Tgt Ion: 43 Resp: 165516
Ion Ratio Lower Upper
43 100
58 55.5 27.3 81.8



#60
Dibromochloromethane
Concen: 54.679 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 129 Resp: 72539
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2

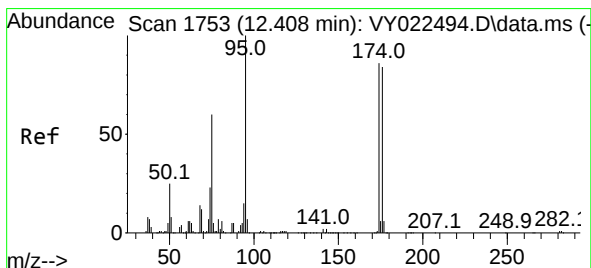
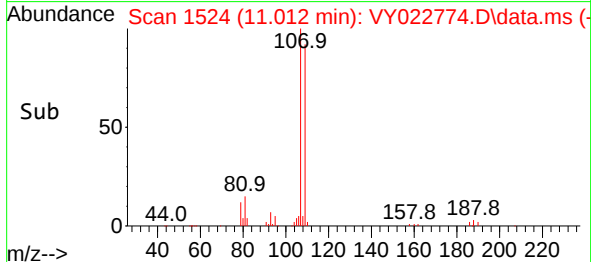
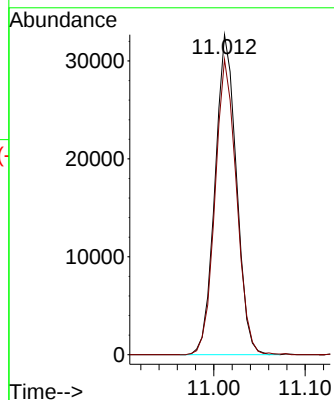
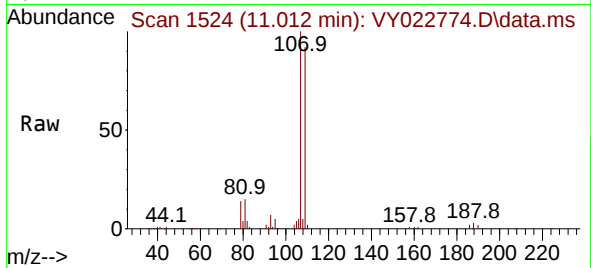




#61
1,2-Dibromoethane
Concen: 55.743 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

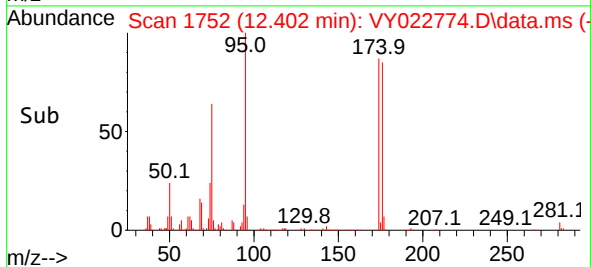
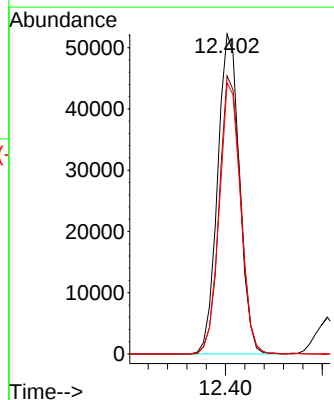
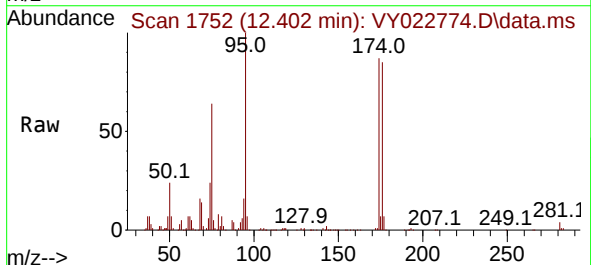
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

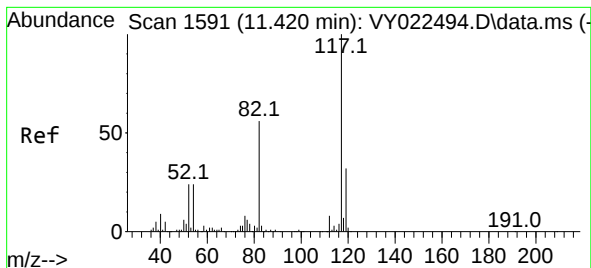
Tgt Ion:107 Resp: 53037
Ion Ratio Lower Upper
107 100
109 92.8 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 52.793 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 95 Resp: 81638
Ion Ratio Lower Upper
95 100
174 85.6 0.0 170.0
176 83.0 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

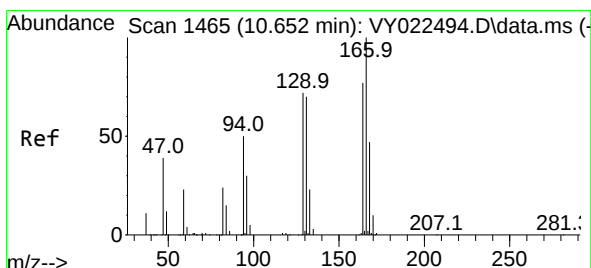
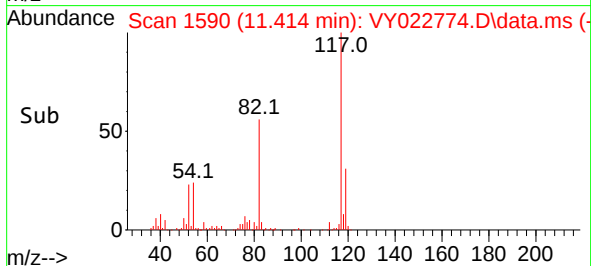
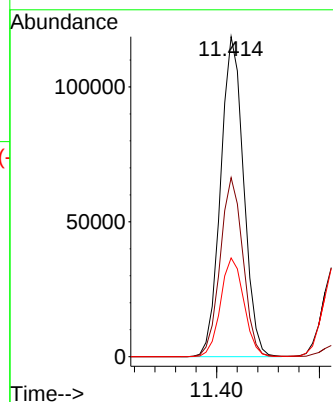
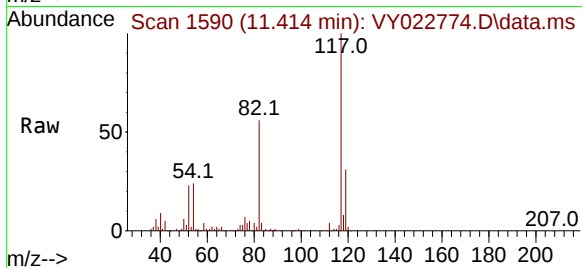
Tgt Ion:117 Resp: 183999

Ion Ratio Lower Upper

117 100

82 55.9 44.6 66.8

119 30.8 25.4 38.0



#64

Tetrachloroethene

Concen: 59.932 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Tgt Ion:164 Resp: 94859

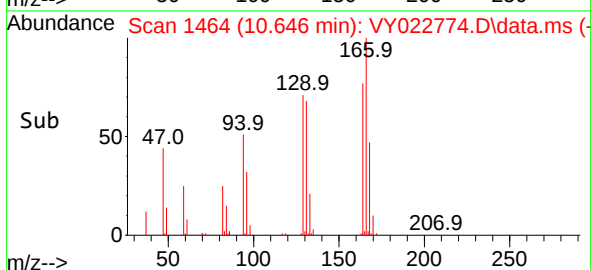
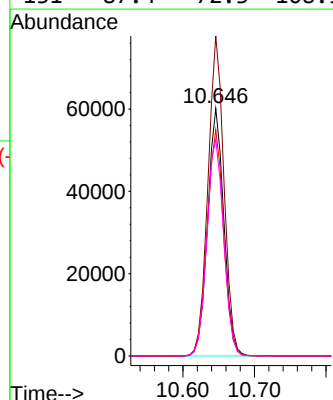
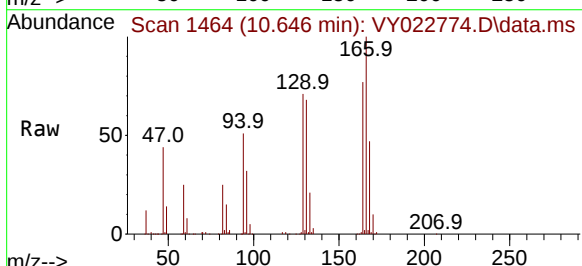
Ion Ratio Lower Upper

164 100

166 129.3 104.0 156.0

129 91.4 74.5 111.7

131 87.4 72.3 108.5





#65

Chlorobenzene

Concen: 54.564 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

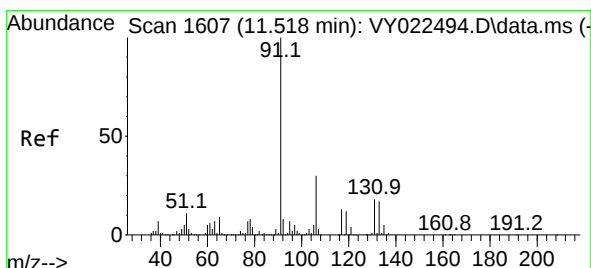
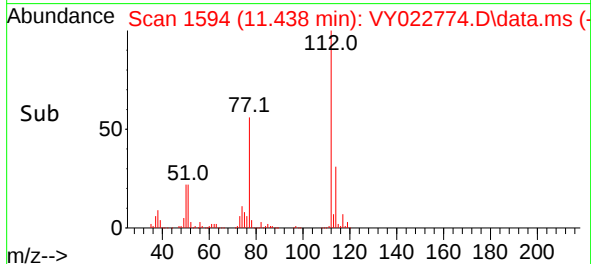
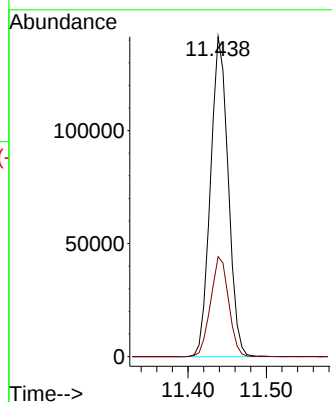
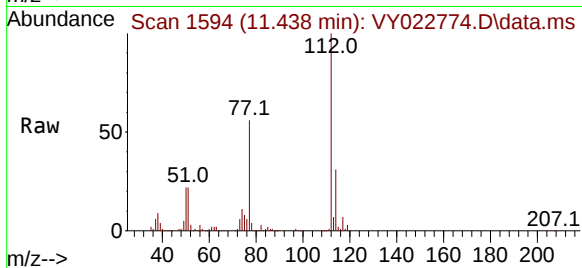
VSTDCCC050EC

Tgt Ion:112 Resp: 222167

Ion Ratio Lower Upper

112 100

114 31.3 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.894 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

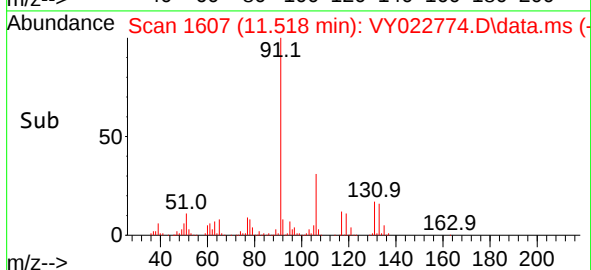
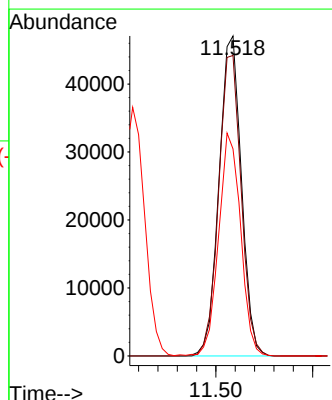
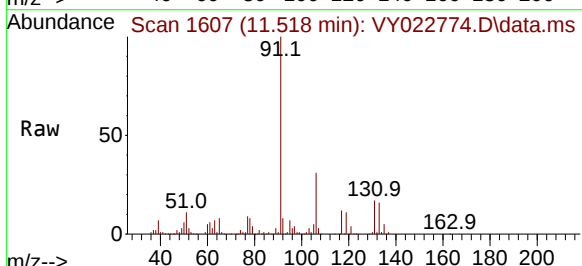
Tgt Ion:131 Resp: 75294

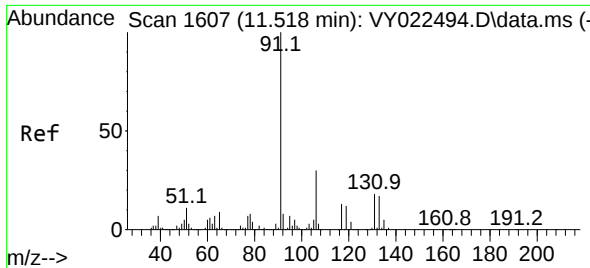
Ion Ratio Lower Upper

131 100

133 94.9 47.3 141.8

119 68.6 33.1 99.3

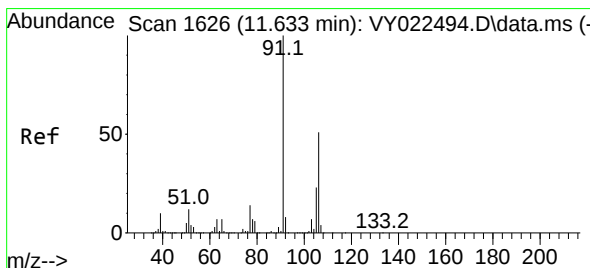
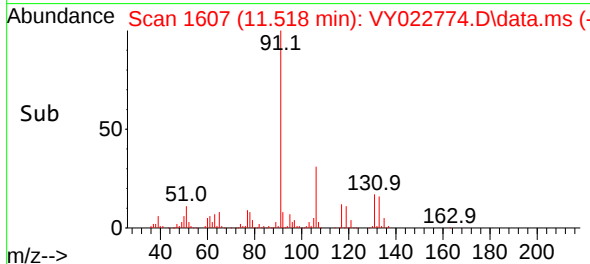
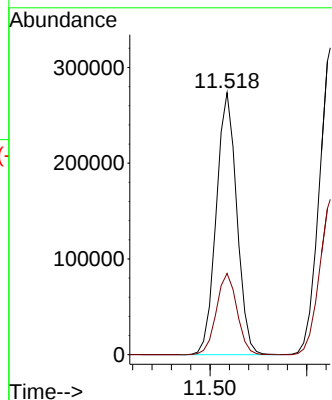
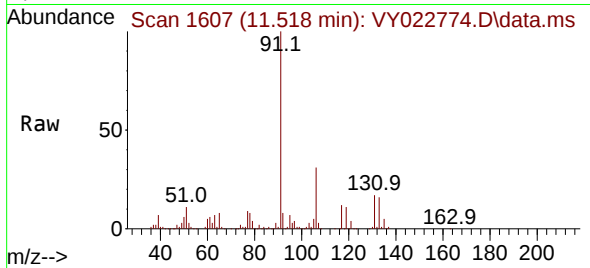




#67
Ethyl Benzene
Concen: 53.343 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

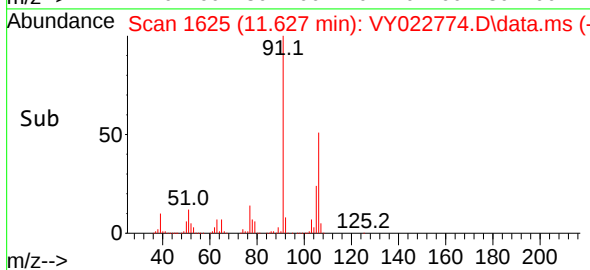
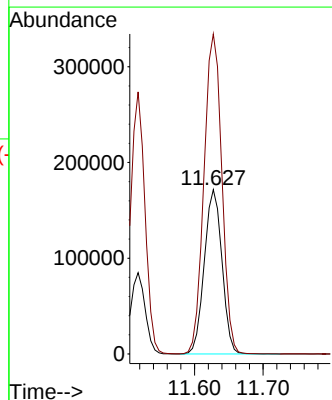
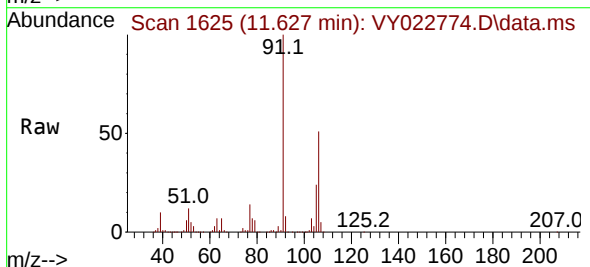
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

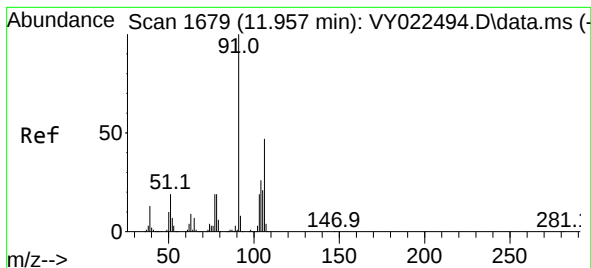
Tgt Ion: 91 Resp: 402851
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 107.639 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion:106 Resp: 308160
Ion Ratio Lower Upper
106 100
91 197.1 159.4 239.0





#69

o-Xylene

Concen: 53.670 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

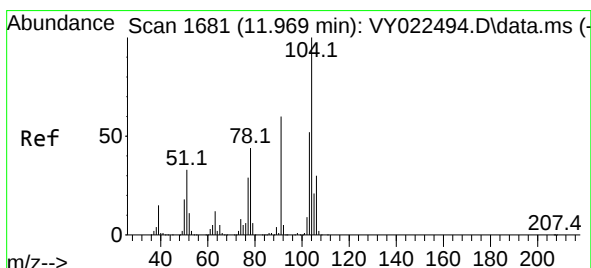
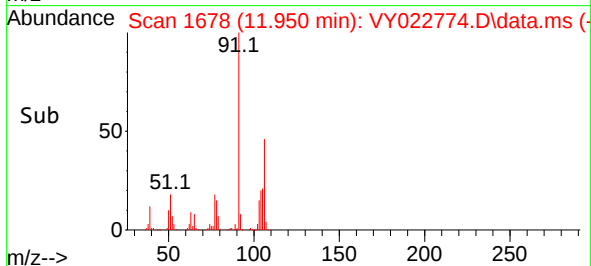
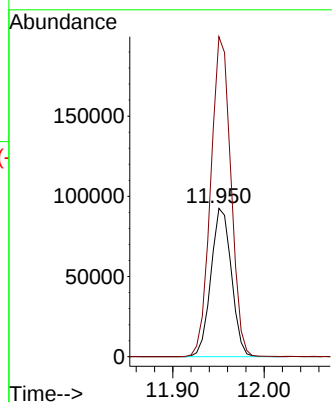
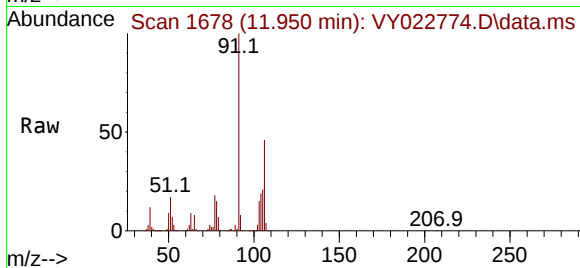
VSTDCCC050EC

Tgt Ion:106 Resp: 144059

Ion Ratio Lower Upper

106 100

91 213.2 105.8 317.3



#70

Styrene

Concen: 54.050 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

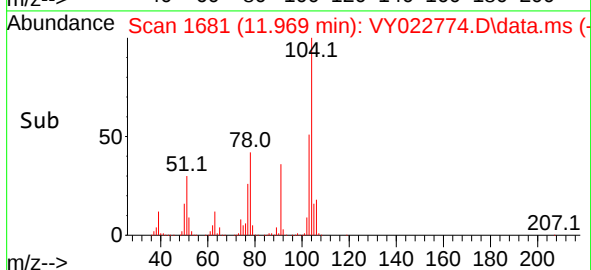
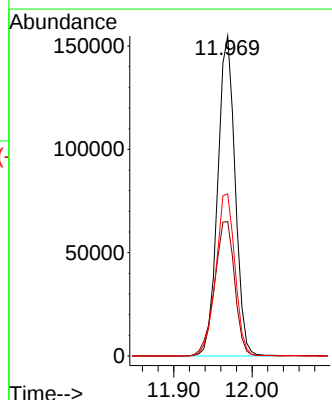
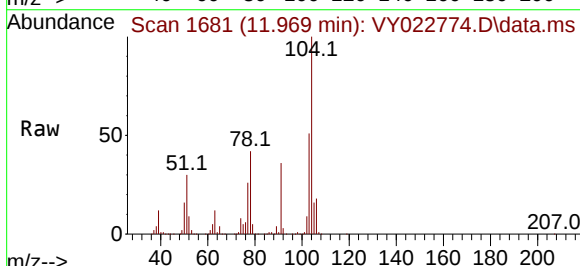
Tgt Ion:104 Resp: 239813

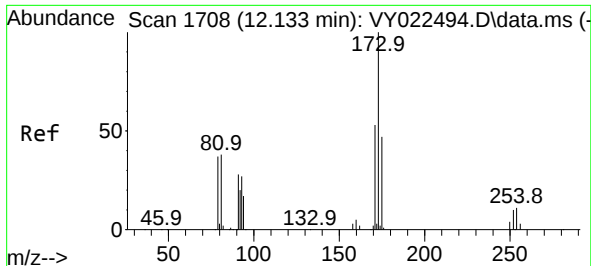
Ion Ratio Lower Upper

104 100

78 48.6 39.5 59.3

103 55.6 44.1 66.1

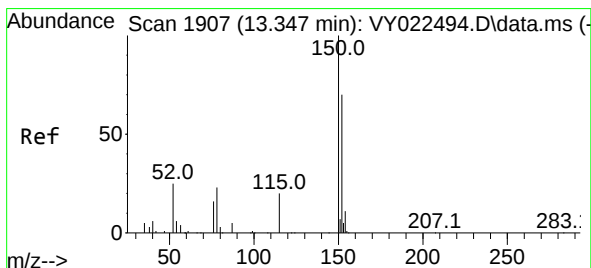
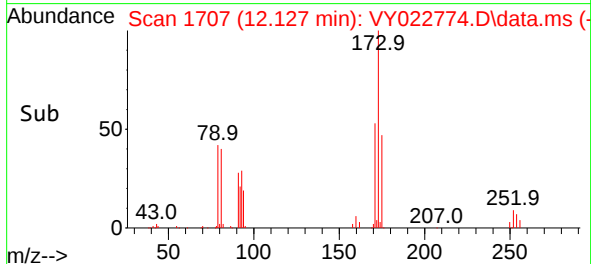
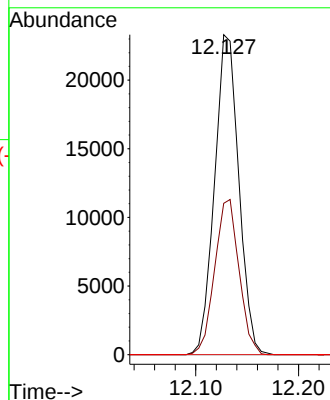
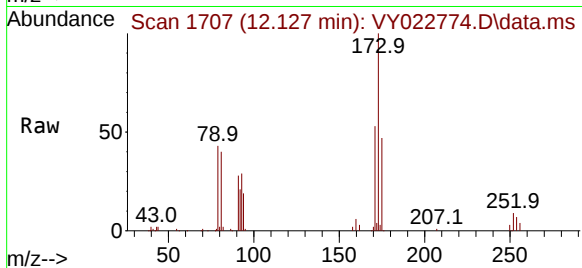




#71
Bromoform
Concen: 52.321 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

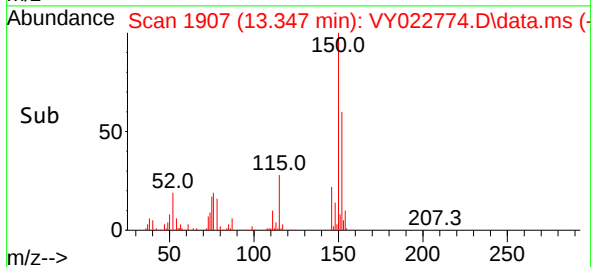
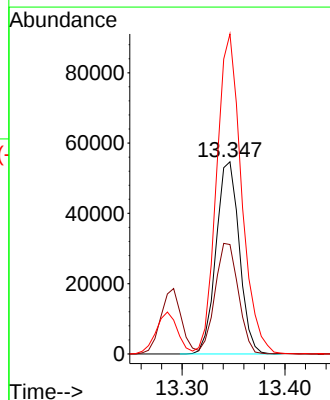
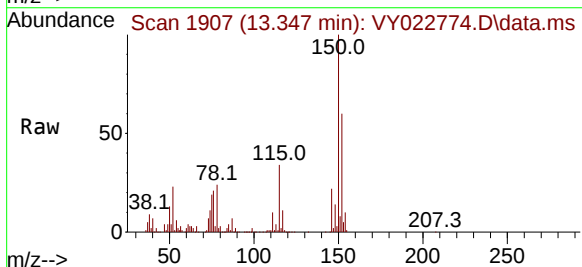
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

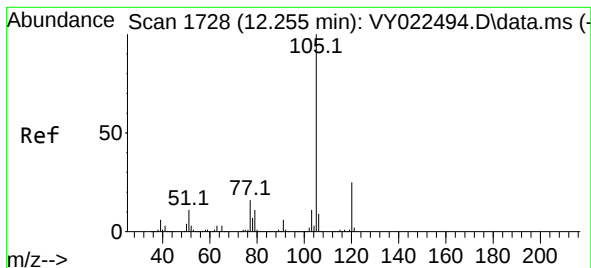
Tgt Ion:173 Resp: 38190
Ion Ratio Lower Upper
173 100
175 48.7 23.8 71.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion:152 Resp: 85702
Ion Ratio Lower Upper
152 100
115 57.5 28.9 86.7
150 178.8 0.0 349.6





#73

Isopropylbenzene

Concen: 53.494 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

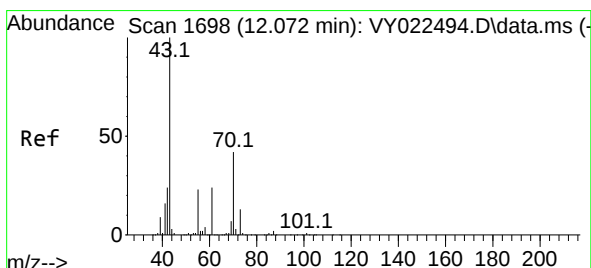
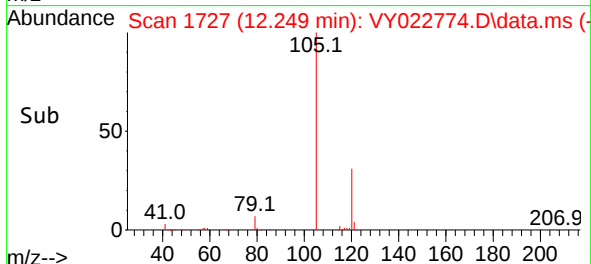
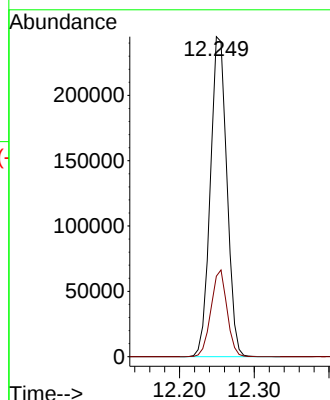
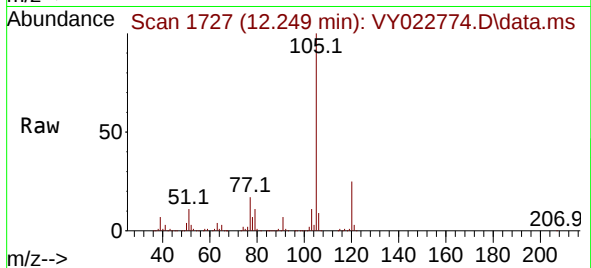
VSTDCCC050EC

Tgt Ion:105 Resp: 376394

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 48.847 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Tgt Ion: 43 Resp: 86720

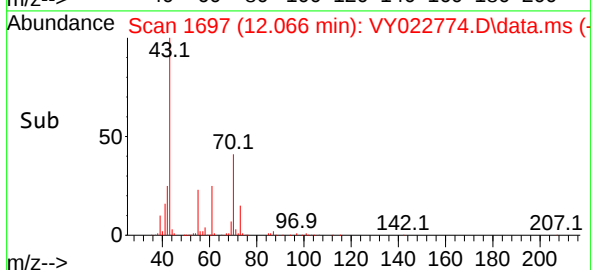
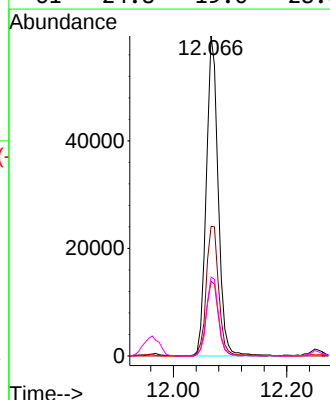
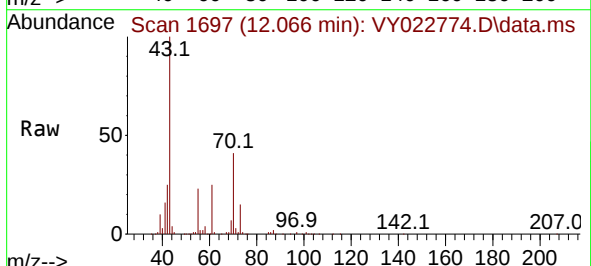
Ion Ratio Lower Upper

43 100

70 42.3 34.2 51.2

55 24.1 18.2 27.4

61 24.8 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 50.266 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

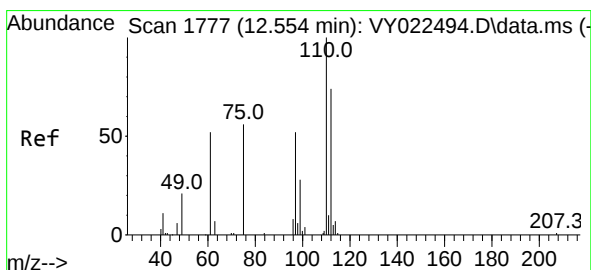
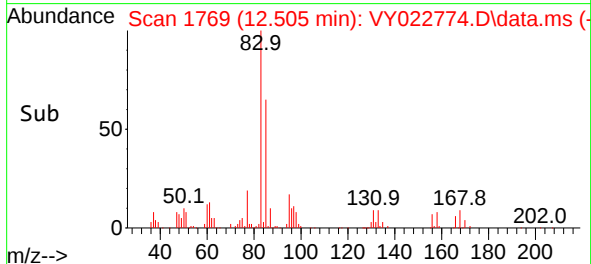
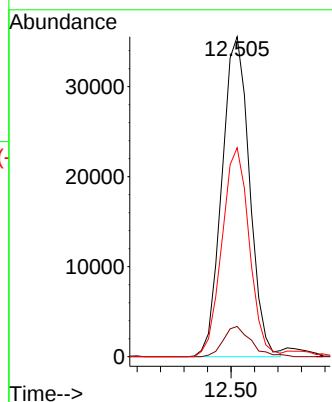
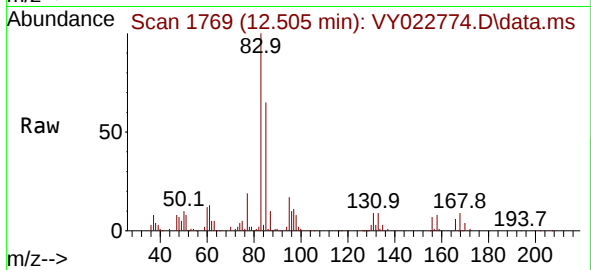
Tgt Ion: 83 Resp: 58047

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

85 64.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 86.138 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY022774.D

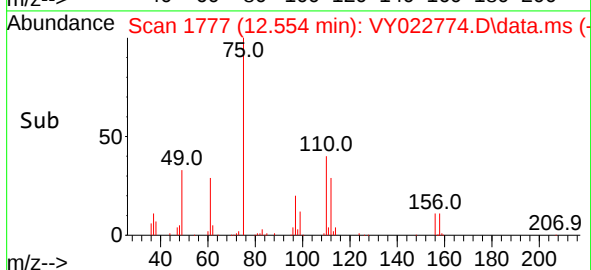
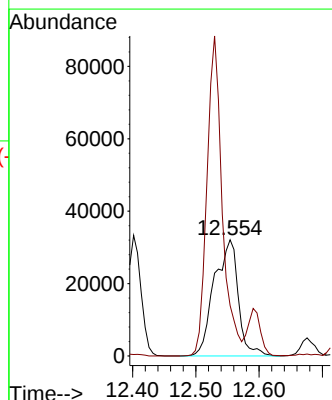
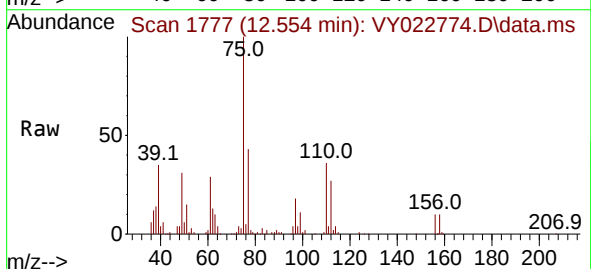
Acq: 20 Jun 2025 19:25

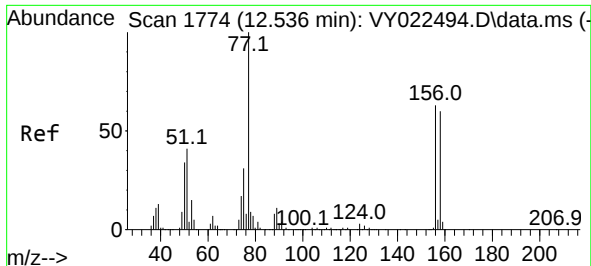
Tgt Ion: 75 Resp: 84455

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

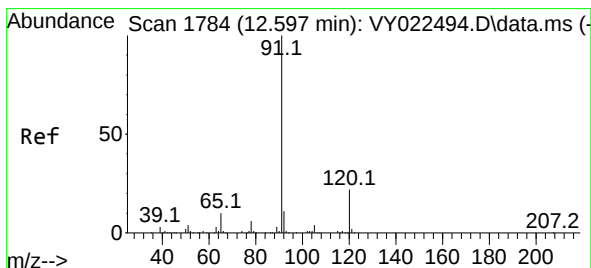
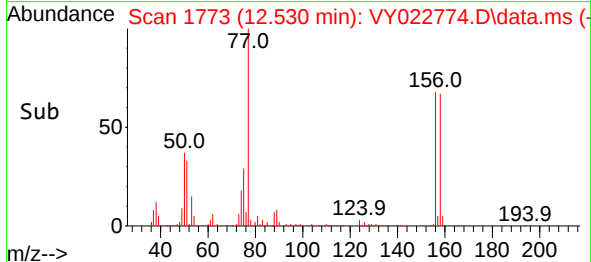
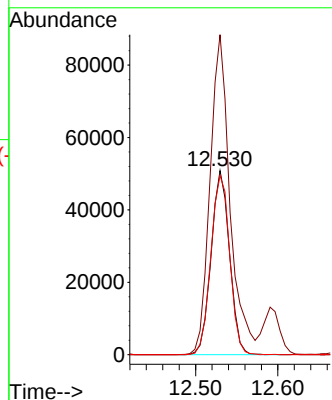
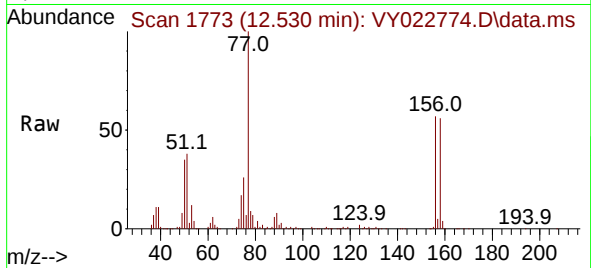




#77
Bromobenzene
Concen: 53.161 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

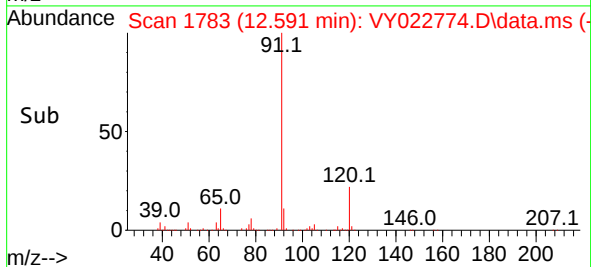
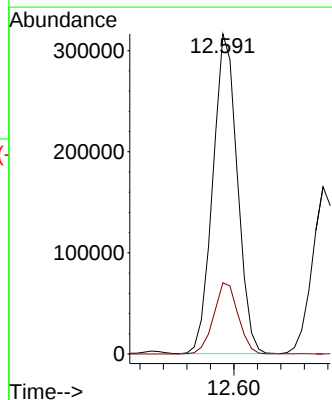
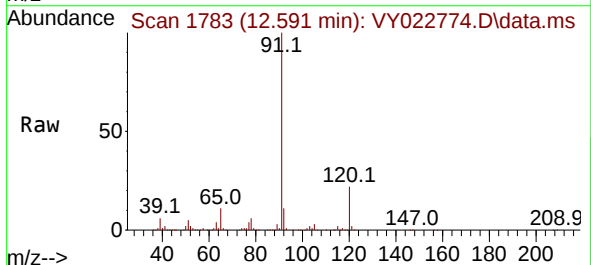
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

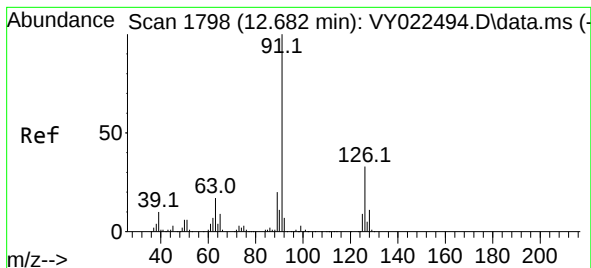
Tgt Ion:156 Resp: 78933
Ion Ratio Lower Upper
156 100
77 189.2 94.0 282.1
158 99.8 48.2 144.6



#78
n-propylbenzene
Concen: 53.261 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 91 Resp: 457718
Ion Ratio Lower Upper
91 100
120 22.2 10.8 32.4

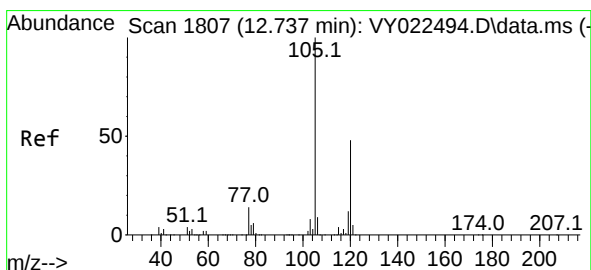
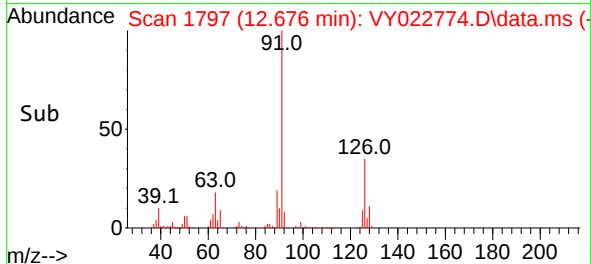
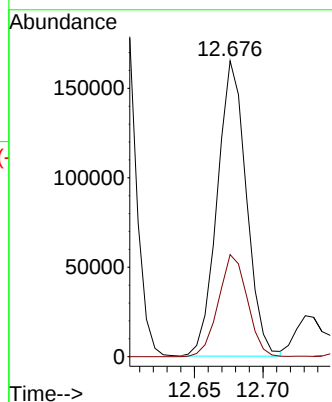
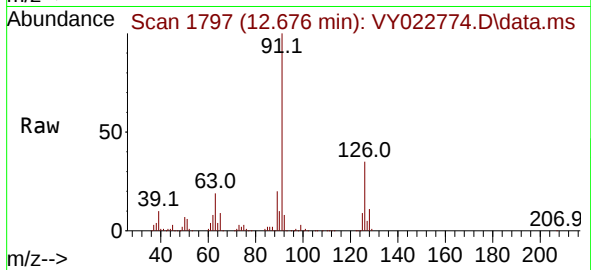




#79
2-Chlorotoluene
Concen: 53.622 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

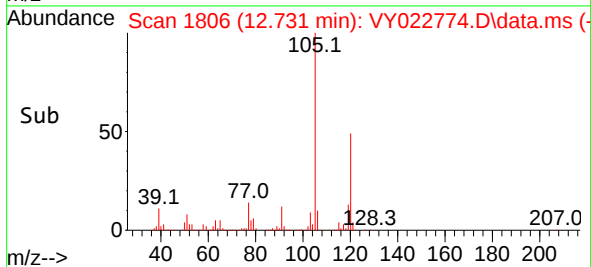
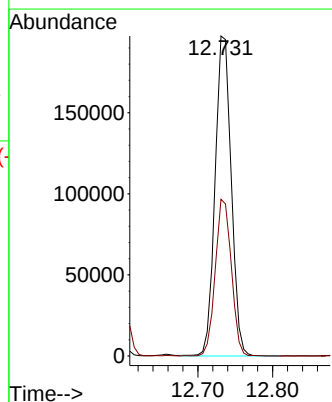
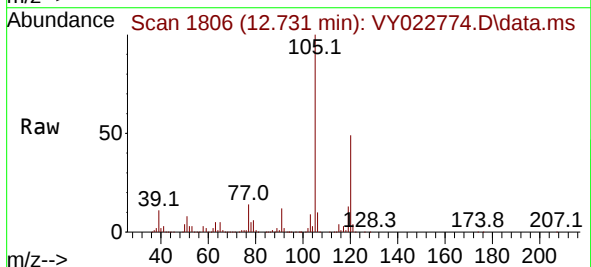
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

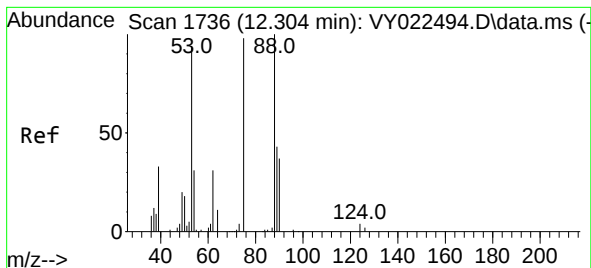
Tgt Ion: 91 Resp: 244235
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 53.818 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 105 Resp: 297293
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.4

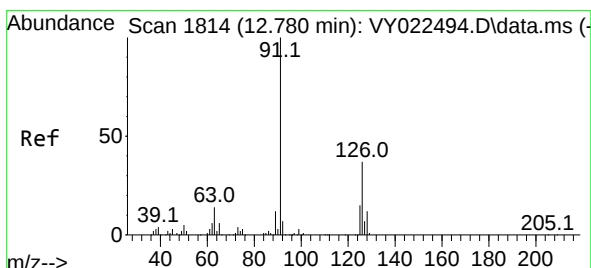
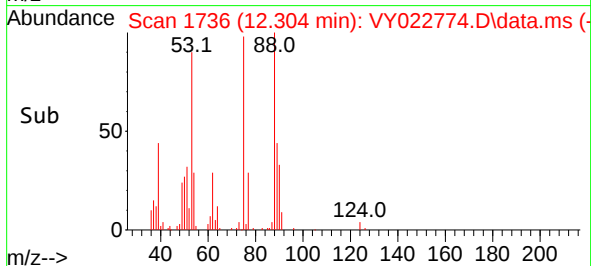
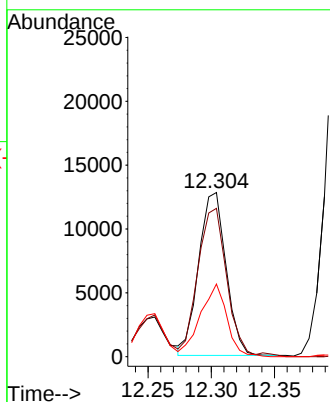
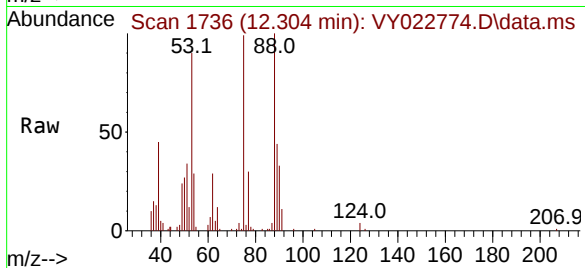




#81
trans-1,4-Dichloro-2-butene
Concen: 47.301 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

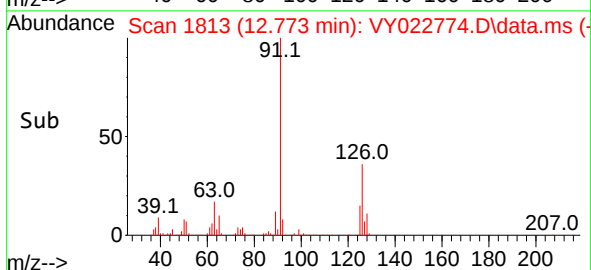
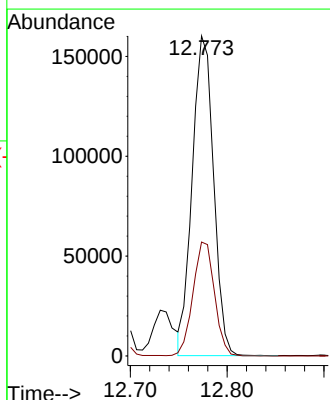
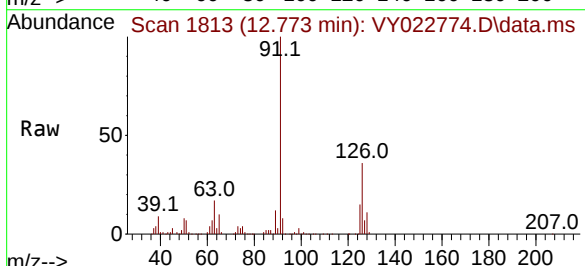
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

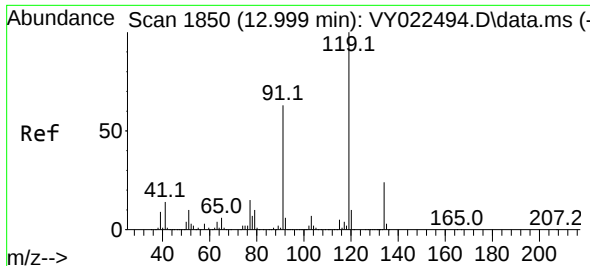
Tgt Ion: 75 Resp: 19204
Ion Ratio Lower Upper
75 100
53 97.0 78.5 117.7
89 43.4 35.7 53.5



#82
4-Chlorotoluene
Concen: 52.217 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022774.D
Acq: 20 Jun 2025 19:25

Tgt Ion: 91 Resp: 245355
Ion Ratio Lower Upper
91 100
126 36.0 17.0 50.9

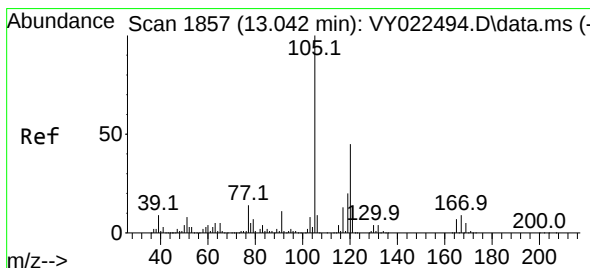
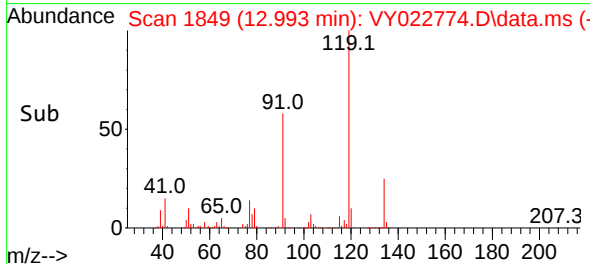
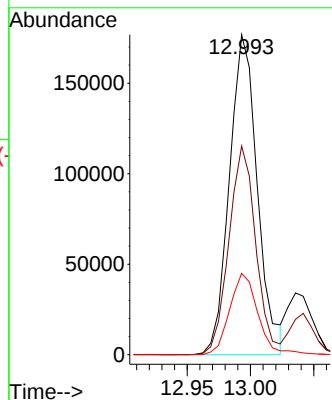
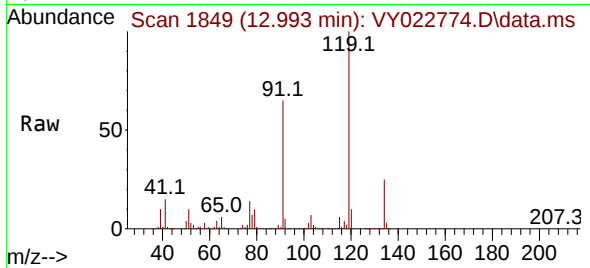




#83
 tert-Butylbenzene
 Concen: 54.817 ug/l
 RT: 12.993 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VY022774.D
 Acq: 20 Jun 2025 19:25

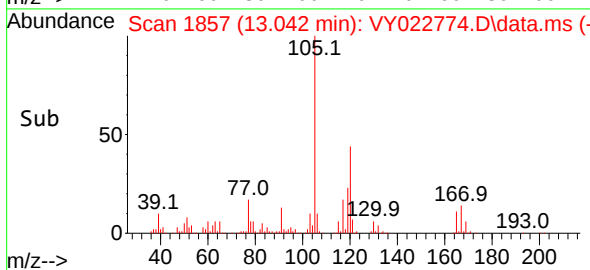
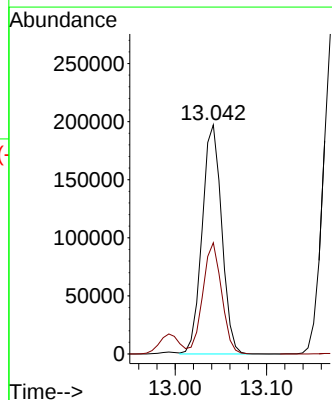
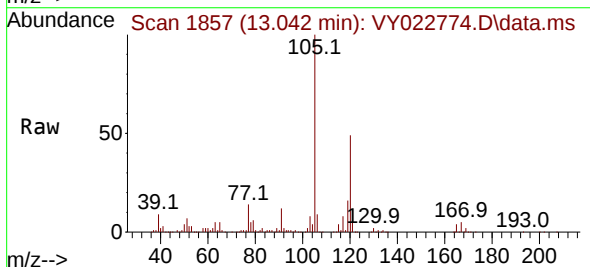
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

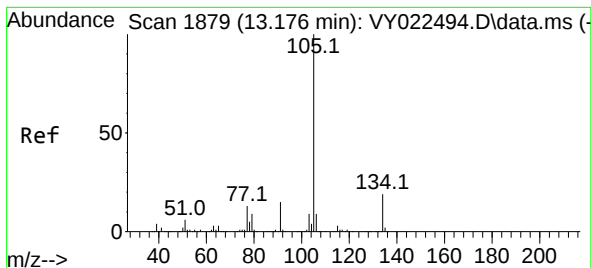
Tgt Ion:119 Resp: 271775
 Ion Ratio Lower Upper
 119 100
 91 62.8 32.1 96.3
 134 25.7 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 52.988 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022774.D
 Acq: 20 Jun 2025 19:25

Tgt Ion:105 Resp: 292753
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 53.461 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

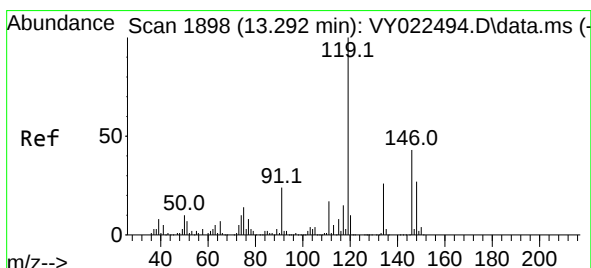
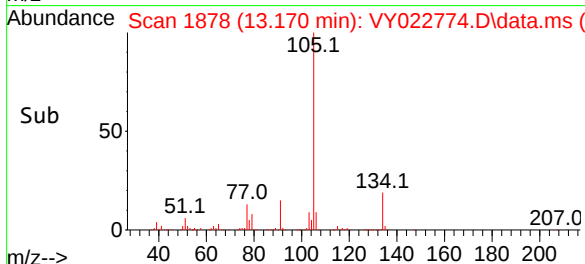
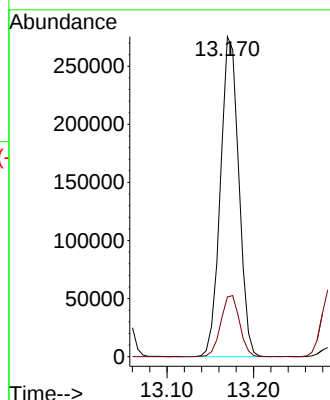
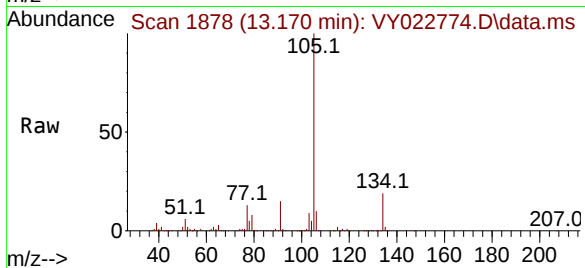
VSTDCCC050EC

Tgt Ion:105 Resp: 405936

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 53.597 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

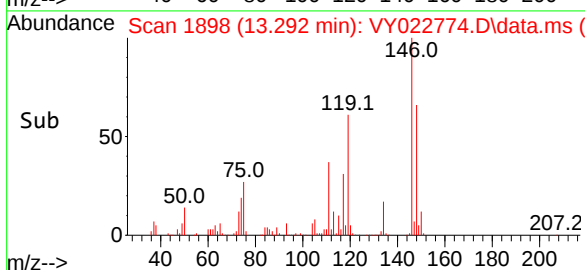
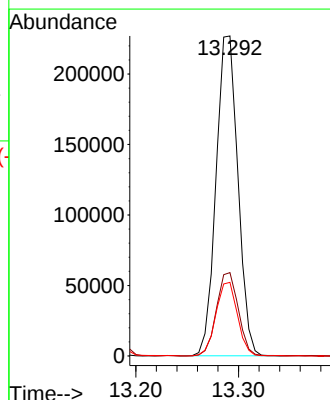
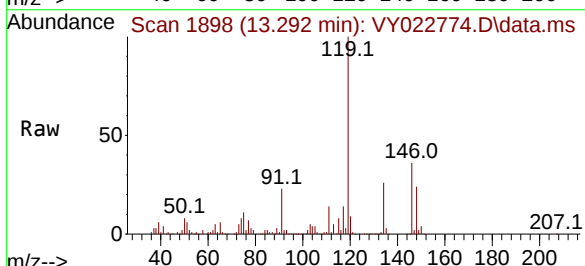
Tgt Ion:119 Resp: 335456

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 22.7 11.6 34.8

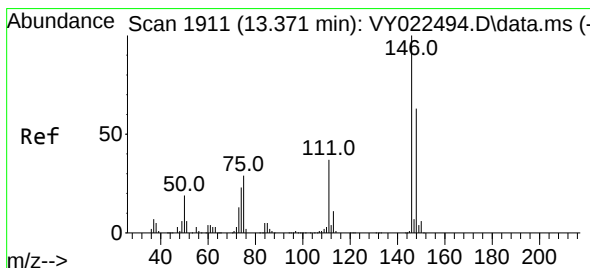
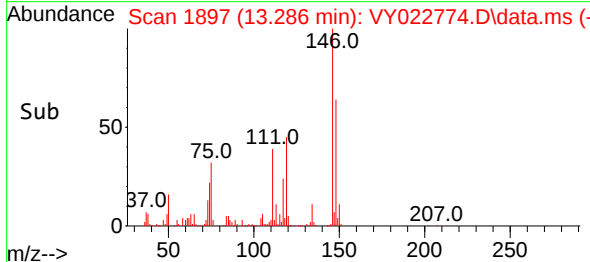
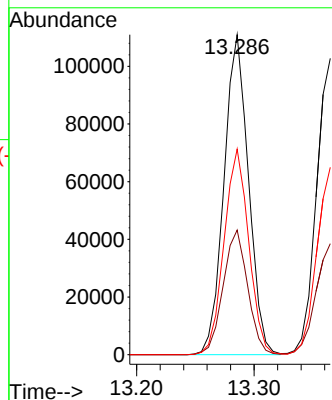
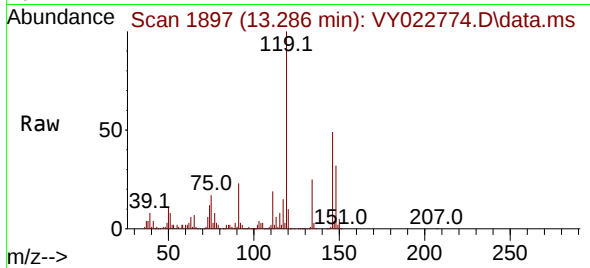




#87
 1,3-Dichlorobenzene
 Concen: 53.470 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022774.D
 Acq: 20 Jun 2025 19:25

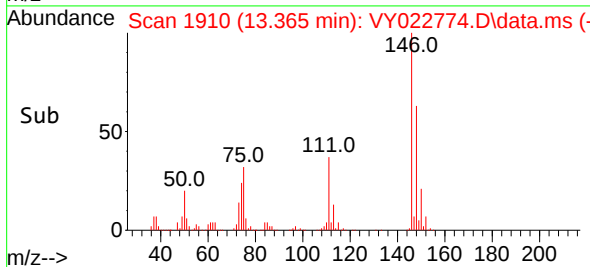
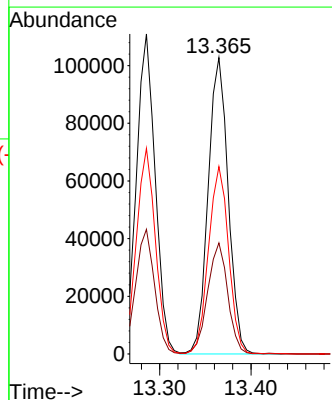
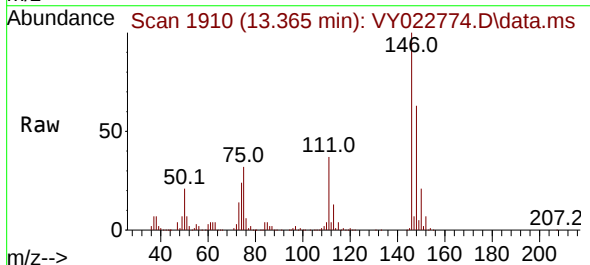
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

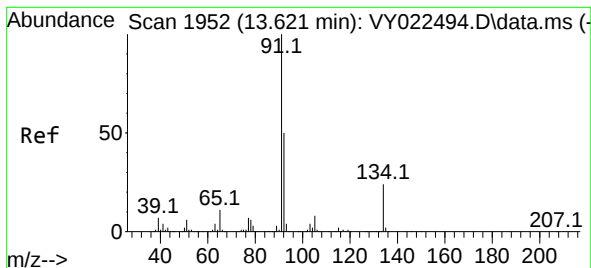
Tgt Ion:146 Resp: 160856
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.1 60.2
 148 64.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 53.538 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022774.D
 Acq: 20 Jun 2025 19:25

Tgt Ion:146 Resp: 156213
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.4 58.2
 148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 53.003 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

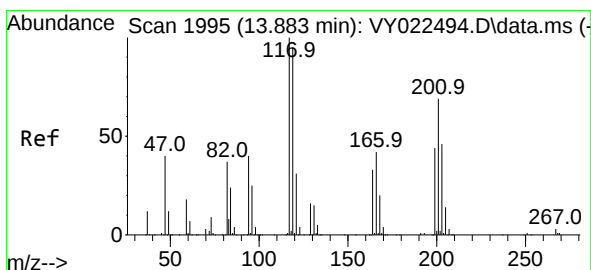
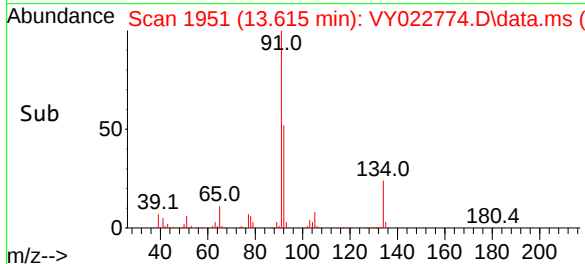
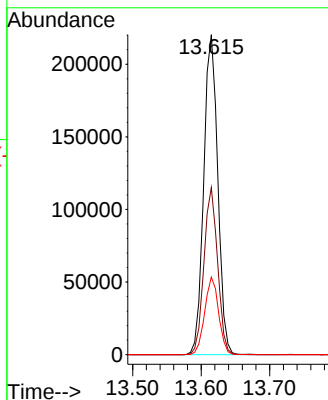
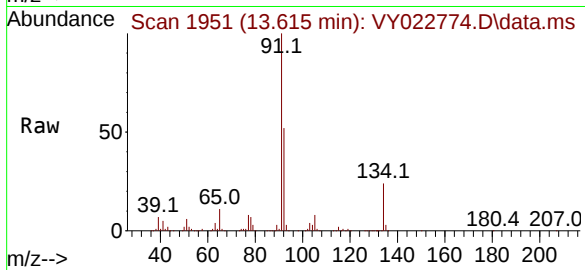
Tgt Ion: 91 Resp: 314743

Ion Ratio Lower Upper

91 100

92 50.9 25.9 77.8

134 24.0 12.0 36.1



#90

Hexachloroethane

Concen: 54.632 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022774.D

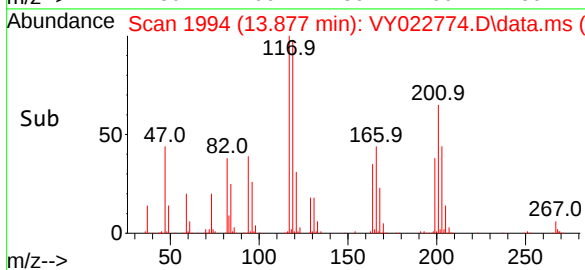
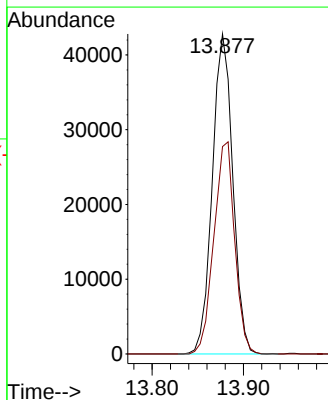
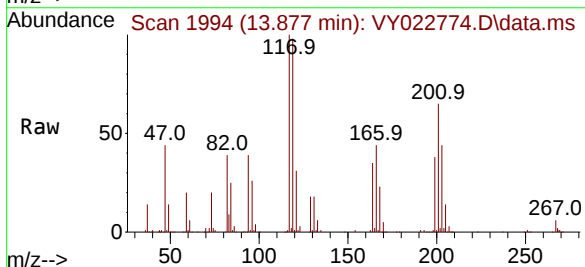
Acq: 20 Jun 2025 19:25

Tgt Ion: 117 Resp: 66568

Ion Ratio Lower Upper

117 100

201 67.5 34.0 102.0

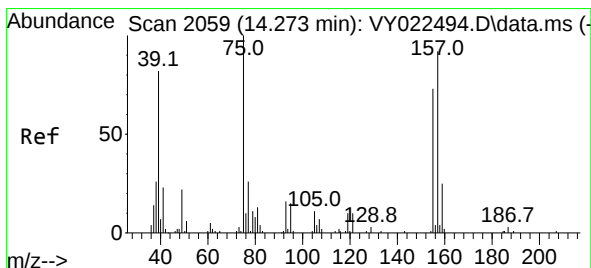
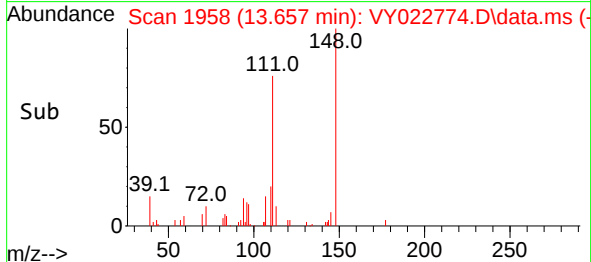
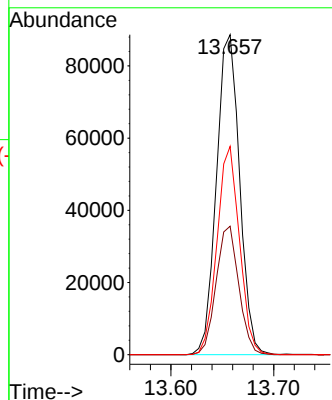
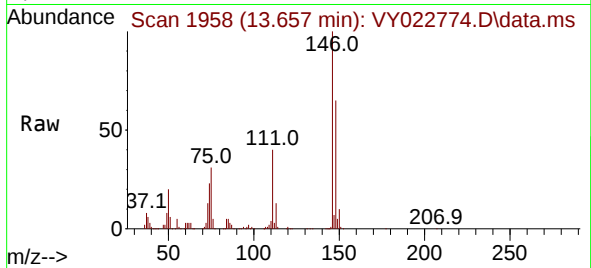




#91
 1,2-Dichlorobenzene
 Concen: 54.230 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022774.D
 Acq: 20 Jun 2025 19:25

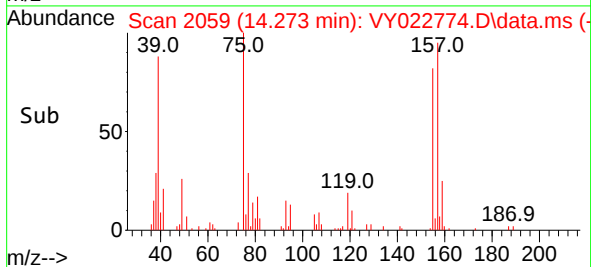
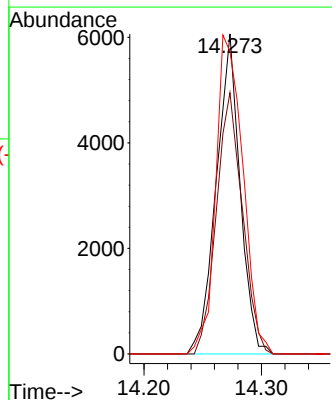
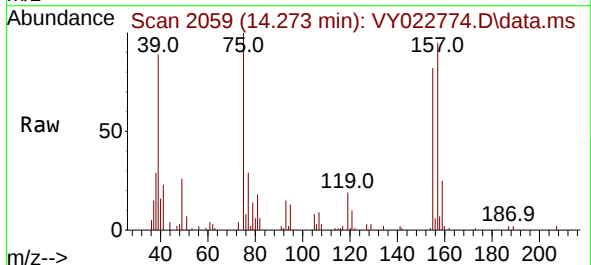
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

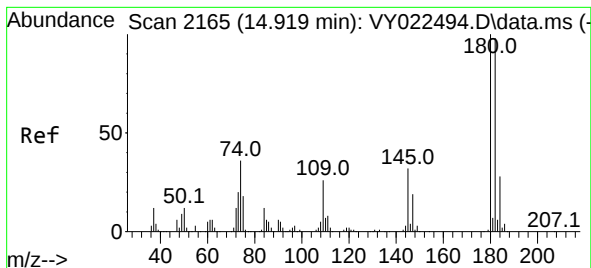
Tgt Ion:146 Resp: 138513
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.2 60.6
 148 63.0 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.805 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY022774.D
 Acq: 20 Jun 2025 19:25

Tgt Ion: 75 Resp: 8542
 Ion Ratio Lower Upper
 75 100
 155 89.0 39.9 119.6
 157 113.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 52.150 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

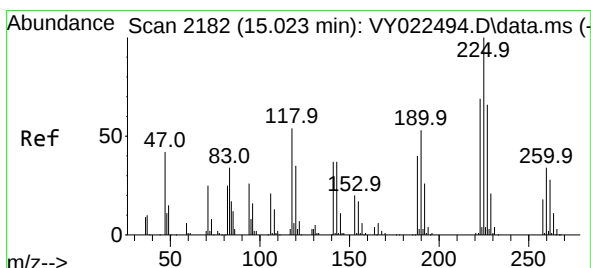
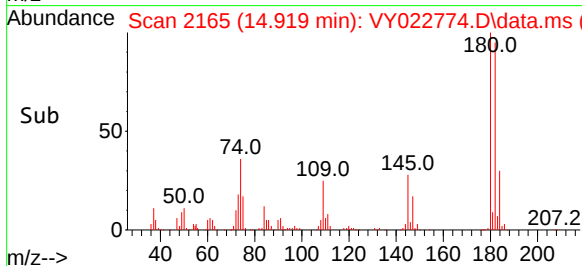
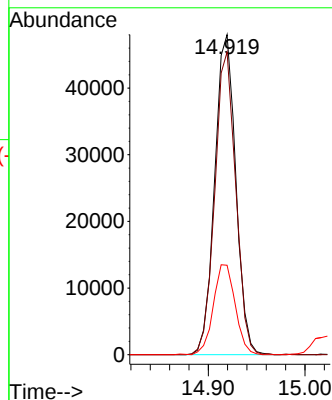
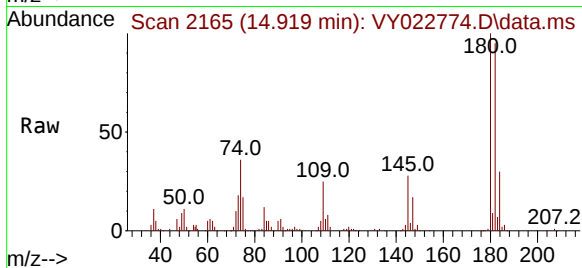
Tgt Ion:180 Resp: 72647

Ion Ratio Lower Upper

180 100

182 93.8 48.4 145.3

145 29.2 15.5 46.5



#94

Hexachlorobutadiene

Concen: 52.913 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

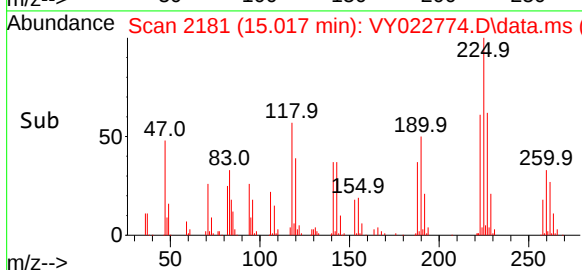
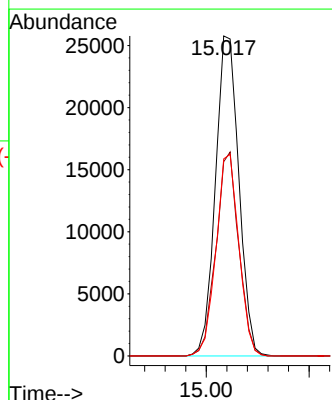
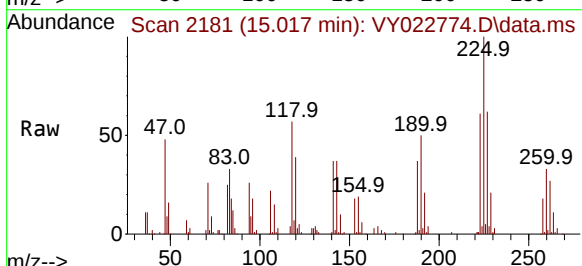
Tgt Ion:225 Resp: 40683

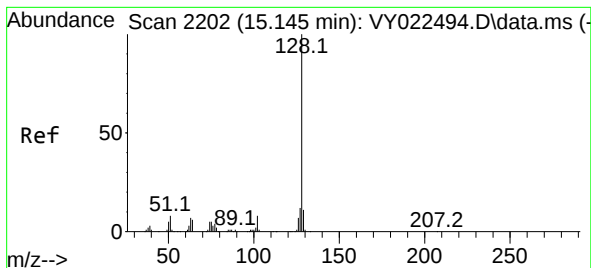
Ion Ratio Lower Upper

225 100

223 62.0 32.5 97.4

227 61.5 32.3 96.9





#95

Naphthalene

Concen: 52.381 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

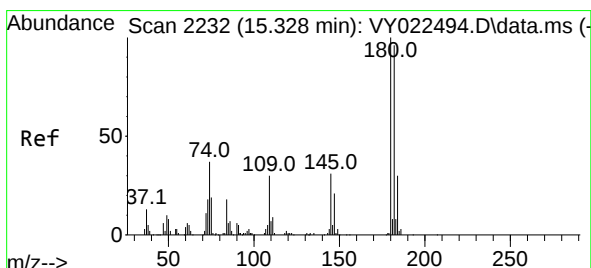
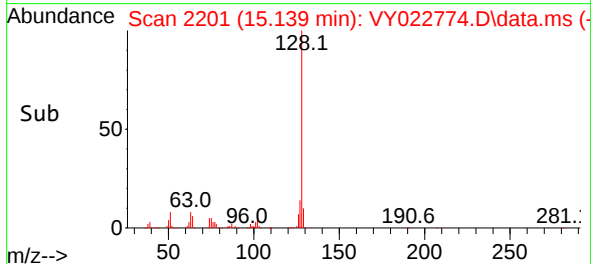
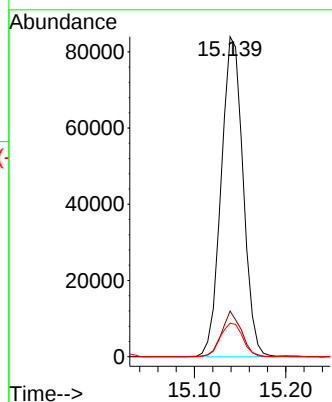
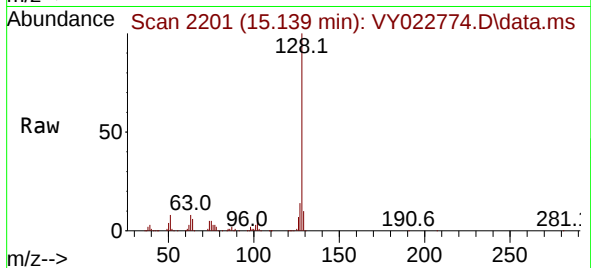
Tgt Ion:128 Resp: 140027

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 52.877 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022774.D

Acq: 20 Jun 2025 19:25

Tgt Ion:180 Resp: 63127

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.3

145 31.0 15.2 45.6

