

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
 Data File : VY022693.D
 Acq On : 13 Jun 2025 13:50
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 14 02:04:59 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	136546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	232481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	204595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	98612	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	85317	55.865	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.740%	
35) Dibromofluoromethane	7.628	113	77262	55.679	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.360%	
50) Toluene-d8	10.103	98	310709	55.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.840%	
62) 4-Bromofluorobenzene	12.402	95	91965	55.050	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.100%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	53838	44.040	ug/l	95
3) Chloromethane	2.068	50	164254	45.480	ug/l	100
4) Vinyl Chloride	2.196	62	246934	58.938	ug/l	99
5) Bromomethane	2.592	94	193730	48.244	ug/l	99
6) Chloroethane	2.726	64	182353	63.411	ug/l	96
7) Trichlorofluoromethane	3.043	101	228128	64.139	ug/l	98
8) Diethyl Ether	3.452	74	43592	54.422	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.806	101	75689	50.527	ug/l	100
10) Methyl Iodide	4.001	142	83356	51.419	ug/l	99
11) Tert butyl alcohol	4.860	59	29183	267.545	ug/l #	90
12) 1,1-Dichloroethene	3.787	96	72658	50.742	ug/l	95
13) Acrolein	3.647	56	14622	107.564	ug/l	96
14) Allyl chloride	4.373	41	109103	48.535	ug/l	96
15) Acrylonitrile	5.049	53	92586	272.927	ug/l	100
16) Acetone	3.867	43	70361	226.861	ug/l	94
17) Carbon Disulfide	4.098	76	222493	48.534	ug/l	98
18) Methyl Acetate	4.379	43	52039	56.660	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	215037	53.318	ug/l	100
20) Methylene Chloride	4.604	84	98155	55.714	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	84214	52.548	ug/l	92
22) Diisopropyl ether	6.019	45	260797	52.122	ug/l	96
23) Vinyl Acetate	5.958	43	751771	253.847	ug/l	98
24) 1,1-Dichloroethane	5.909	63	159640	54.157	ug/l	98
25) 2-Butanone	6.890	43	114793	256.593	ug/l	94
26) 2,2-Dichloropropane	6.884	77	133127	51.115	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	102678	55.431	ug/l	100
28) Bromochloromethane	7.244	49	70132	54.580	ug/l	98
29) Tetrahydrofuran	7.256	42	74566	258.423	ug/l	96
30) Chloroform	7.415	83	164959	56.499	ug/l	95
31) Cyclohexane	7.695	56	130877	44.598	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	139735	53.914	ug/l	99
36) 1,1-Dichloropropene	7.835	75	114742	50.948	ug/l	99
37) Ethyl Acetate	6.982	43	51798	51.574	ug/l	99
38) Carbon Tetrachloride	7.811	117	120568	52.186	ug/l	98
39) Methylcyclohexane	9.103	83	145370	48.032	ug/l	98
40) Benzene	8.073	78	365692	54.976	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	28737	48.986	ug/l	92
42) 1,2-Dichloroethane	8.152	62	98927	54.468	ug/l	99
43) Isopropyl Acetate	8.195	43	113772	52.451	ug/l	100
44) Trichloroethene	8.866	130	88536	54.459	ug/l	99
45) 1,2-Dichloropropane	9.140	63	87216	55.479	ug/l	97
46) Dibromomethane	9.225	93	49775	56.280	ug/l	98
47) Bromodichloromethane	9.420	83	125459	55.944	ug/l	95
48) Methyl methacrylate	9.219	41	51918	50.999	ug/l	96
49) 1,4-Dioxane	9.225	88	10805	1031.233	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	294041	271.897	ug/l	98
52) Toluene	10.164	92	230111	55.047	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	110206	52.449	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	130789	53.472	ug/l	99
55) 1,1,2-Trichloroethane	10.567	97	63733	56.513	ug/l	98
56) Ethyl methacrylate	10.439	69	88317	54.183	ug/l	98
57) 1,3-Dichloropropane	10.713	76	109926	54.995	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	188943	255.315	ug/l	100
59) 2-Hexanone	10.756	43	195754	270.655	ug/l	99
60) Dibromochloromethane	10.908	129	79775	55.663	ug/l	98
61) 1,2-Dibromoethane	11.012	107	57482	55.923	ug/l	96
64) Tetrachloroethene	10.646	164	108240	61.502	ug/l	95
65) Chlorobenzene	11.438	112	244405	53.983	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	82362	54.002	ug/l	98
67) Ethyl Benzene	11.512	91	442692	52.718	ug/l	100
68) m/p-Xylenes	11.627	106	335377	105.353	ug/l	100
69) o-Xylene	11.950	106	161263	54.031	ug/l	96
70) Styrene	11.963	104	268157	54.354	ug/l	98
71) Bromoform	12.127	173	44134	54.378	ug/l #	100
73) Isopropylbenzene	12.249	105	409228	50.547	ug/l	99
74) N-amyl acetate	12.066	43	102711	50.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	63520	47.804	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	95070	84.270	ug/l #	100
77) Bromobenzene	12.530	156	88970	52.076	ug/l	99
78) n-propylbenzene	12.591	91	500863	50.651	ug/l	100
79) 2-Chlorotoluene	12.676	91	268179	51.170	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	329659	51.865	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	21415	45.841	ug/l	99
82) 4-Chlorotoluene	12.773	91	272019	50.313	ug/l	97
83) tert-Butylbenzene	12.993	119	288388	50.553	ug/l	100
84) 1,2,4-Trimethylbenzene	13.036	105	332885	52.364	ug/l	99
85) sec-Butylbenzene	13.170	105	442202	50.613	ug/l	99
86) p-Isopropyltoluene	13.286	119	368032	51.103	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	183450	52.997	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	179206	53.377	ug/l	99
89) n-Butylbenzene	13.615	91	355487	52.027	ug/l	99
90) Hexachloroethane	13.877	117	71880	51.268	ug/l	99
91) 1,2-Dichlorobenzene	13.651	146	156692	53.316	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	10328	53.386	ug/l	95
93) 1,2,4-Trichlorobenzene	14.913	180	88280	55.076	ug/l	95
94) Hexachlorobutadiene	15.017	225	46864	52.973	ug/l	98
95) Naphthalene	15.139	128	168240	54.696	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	76765	55.883	ug/l	99

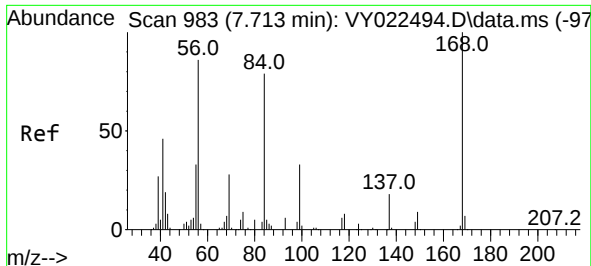
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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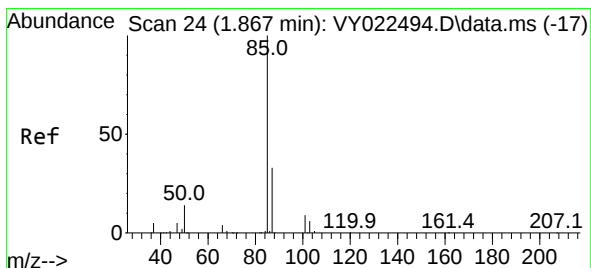
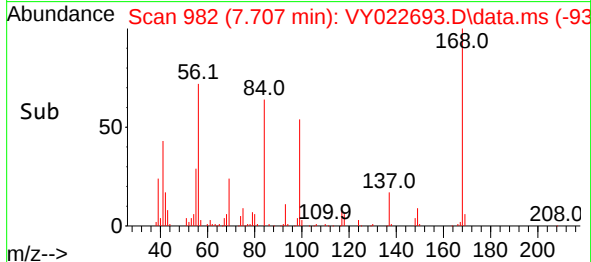
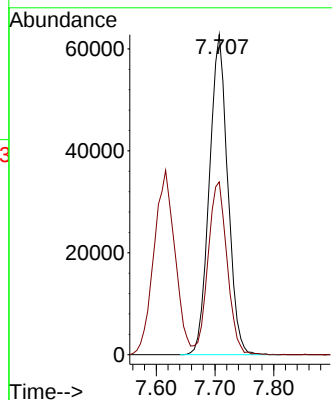
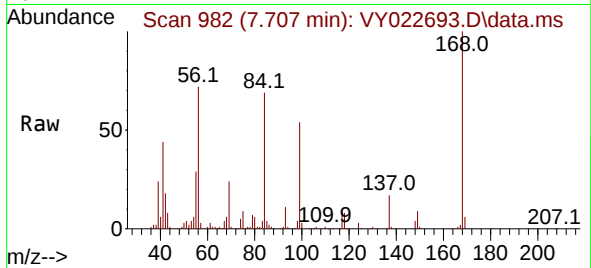
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022693.D
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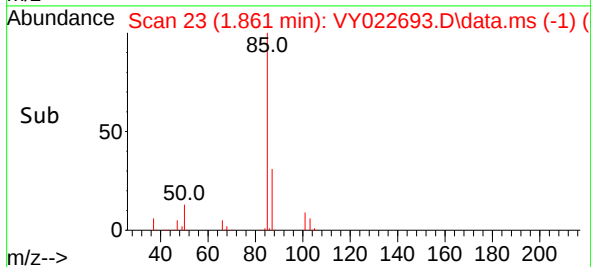
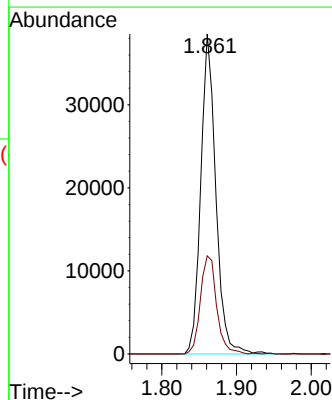
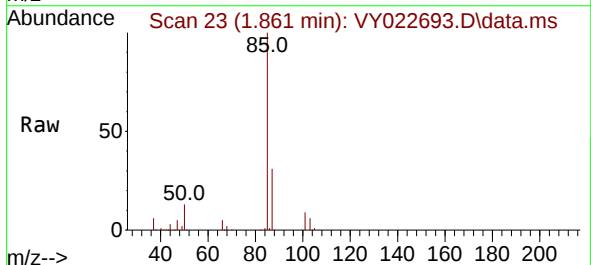
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 136546
Ion Ratio Lower Upper
168 100
99 54.0 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 44.040 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 85 Resp: 53838
Ion Ratio Lower Upper
85 100
87 30.7 16.7 50.0

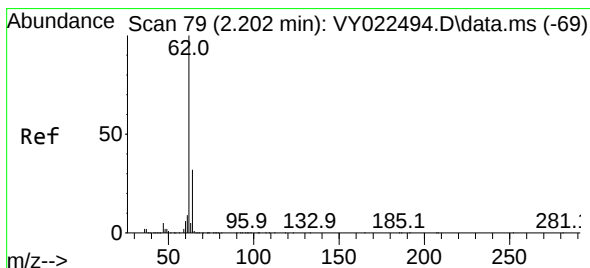
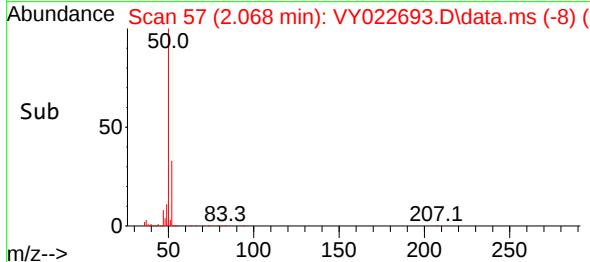
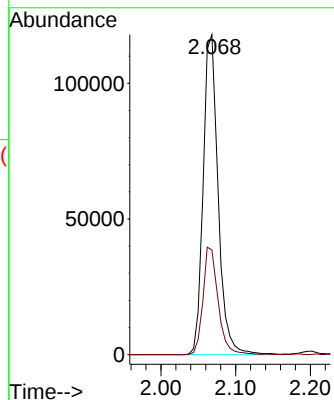
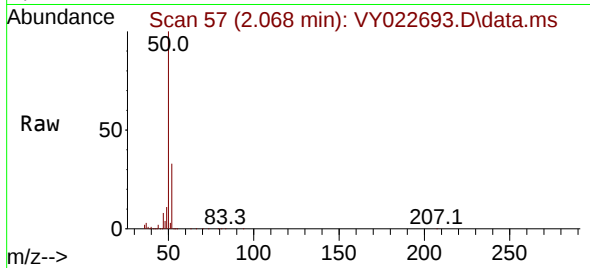




#3
Chloromethane
Concen: 45.480 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

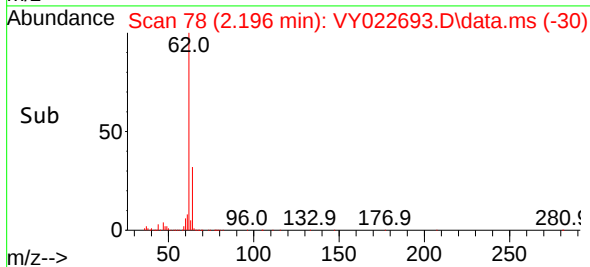
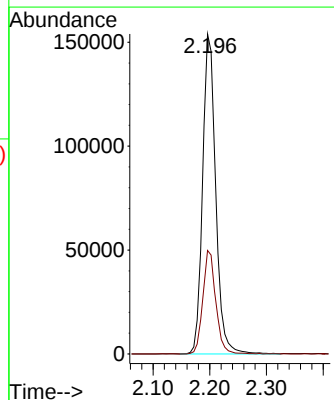
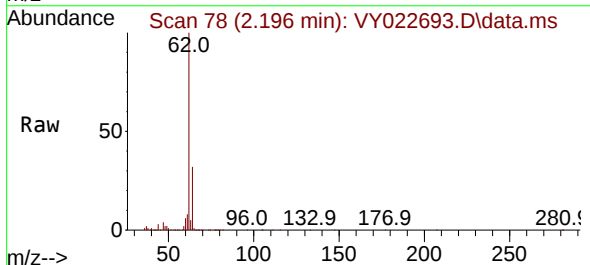
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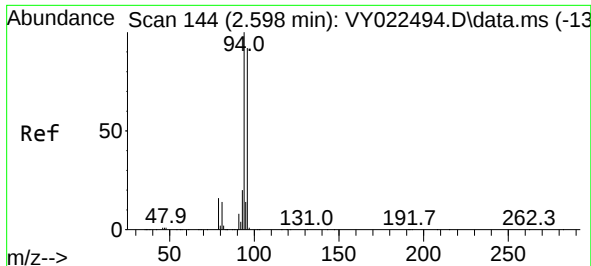
Tgt Ion: 50 Resp: 164254
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0



#4
Vinyl Chloride
Concen: 58.938 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 62 Resp: 246934
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9

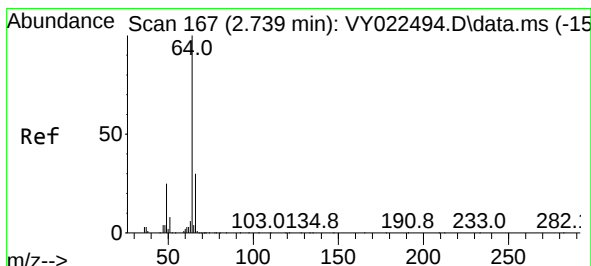
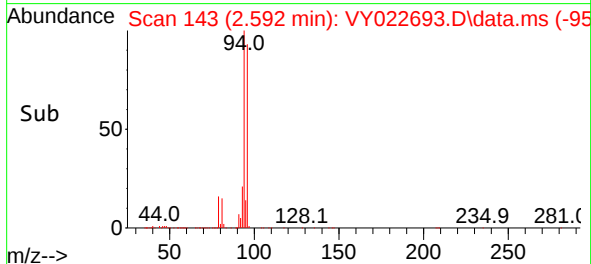
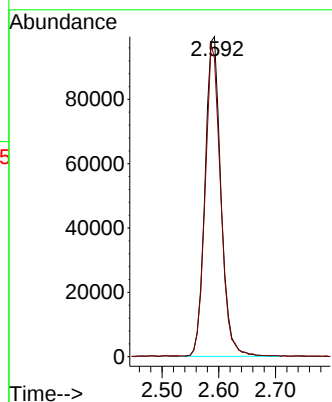
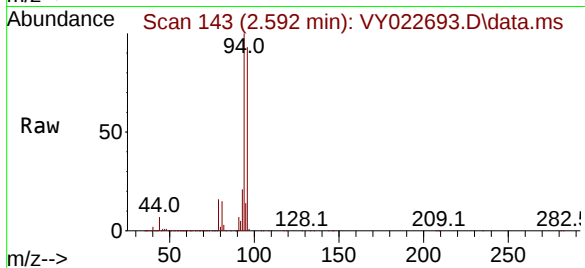




#5
Bromomethane
Concen: 48.244 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

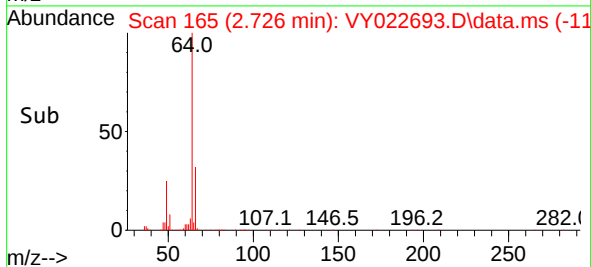
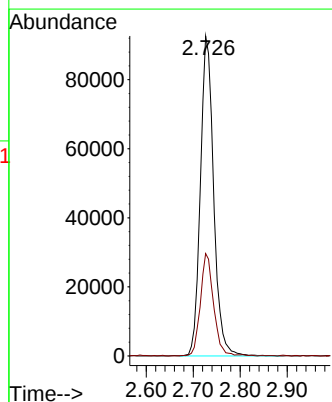
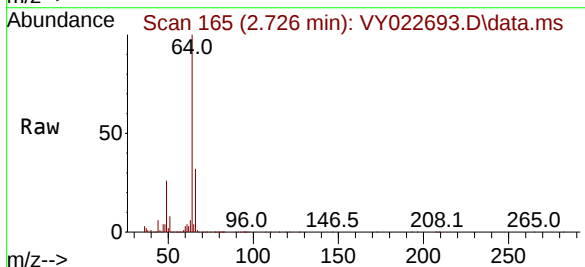
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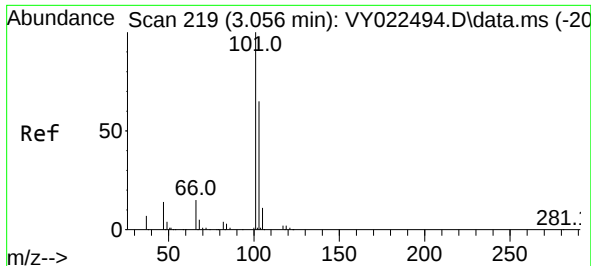
Tgt Ion: 94 Resp: 193730
Ion Ratio Lower Upper
94 100
96 93.3 74.0 111.0



#6
Chloroethane
Concen: 63.411 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 64 Resp: 182353
Ion Ratio Lower Upper
64 100
66 31.9 23.8 35.6

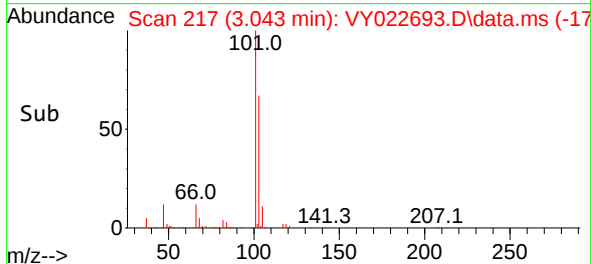
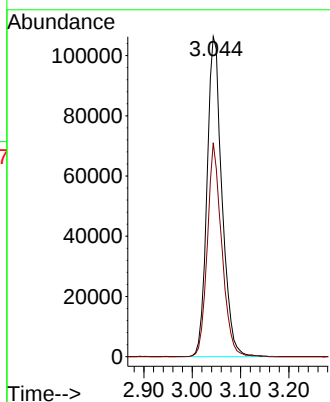
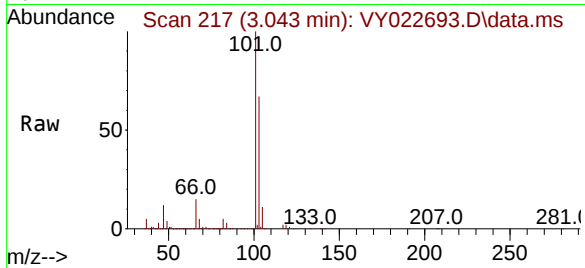




#7
Trichlorofluoromethane
Concen: 64.139 ug/l
RT: 3.043 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY022693.D
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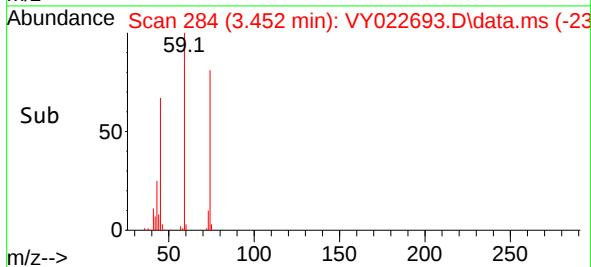
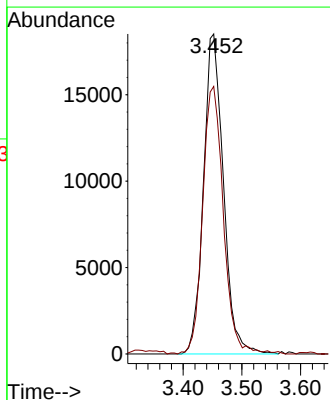
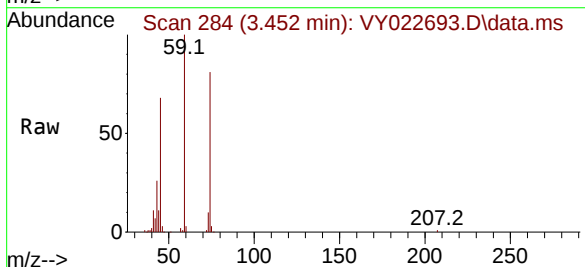
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 228128
Ion Ratio Lower Upper
101 100
103 66.8 52.2 78.2



#8
Diethyl Ether
Concen: 54.422 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 74 Resp: 43592
Ion Ratio Lower Upper
74 100
45 87.1 45.9 137.6

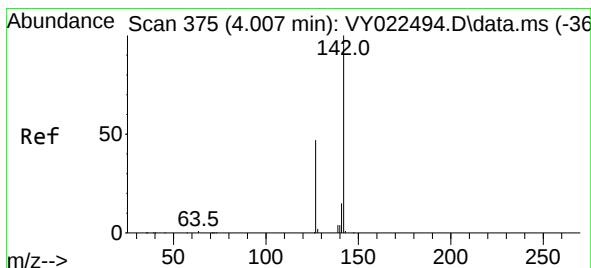
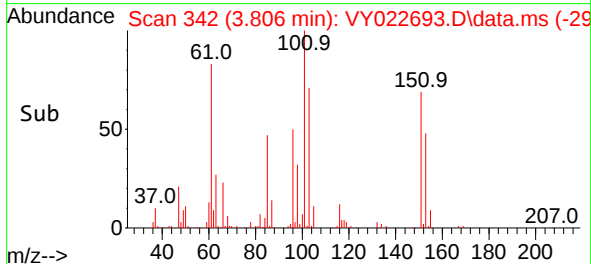
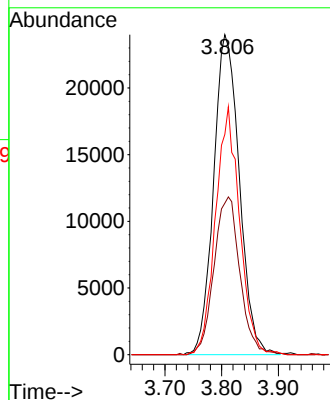
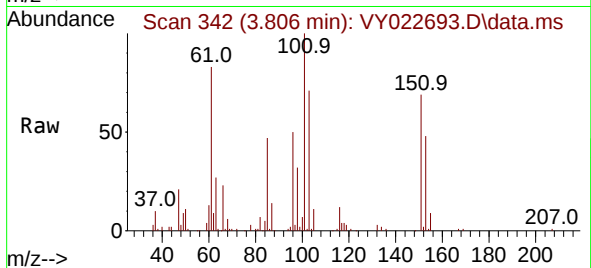




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.527 ug/l
RT: 3.806 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY022693.D
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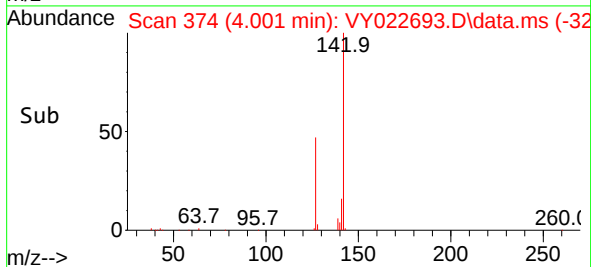
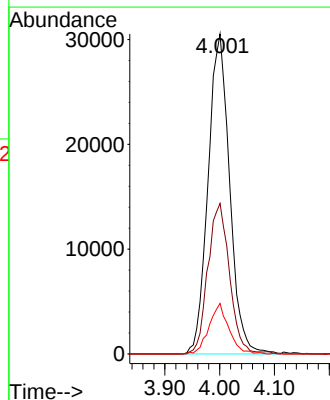
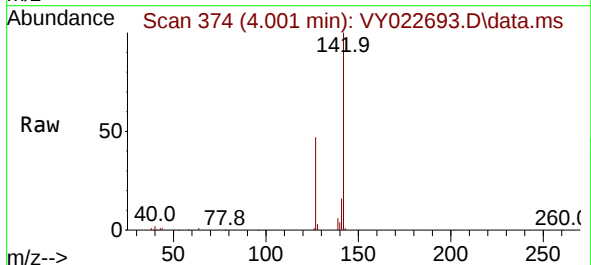
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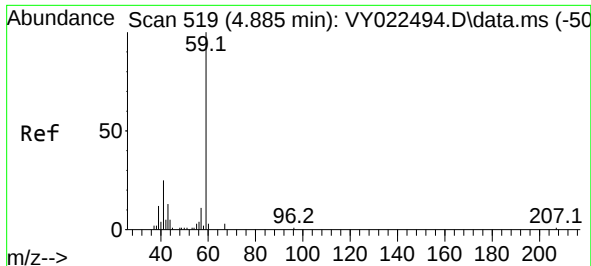
Tgt Ion:101 Resp: 75689
Ion Ratio Lower Upper
101 100
85 49.6 39.3 58.9
151 72.4 57.8 86.8



#10
Methyl Iodide
Concen: 51.419 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion:142 Resp: 83356
Ion Ratio Lower Upper
142 100
127 47.1 37.1 55.7
141 14.5 11.4 17.2

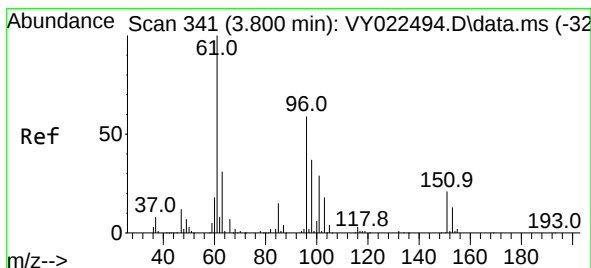
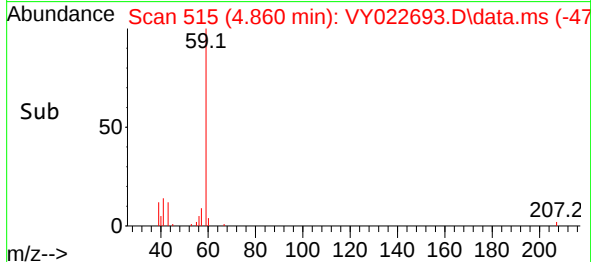
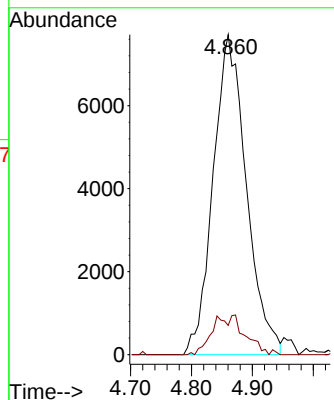
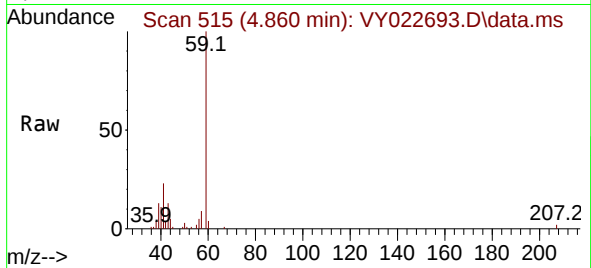




#11
Tert butyl alcohol
Concen: 267.545 ug/l
RT: 4.860 min Scan# 519
Delta R.T. -0.024 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

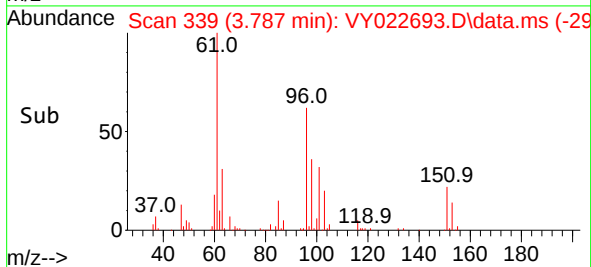
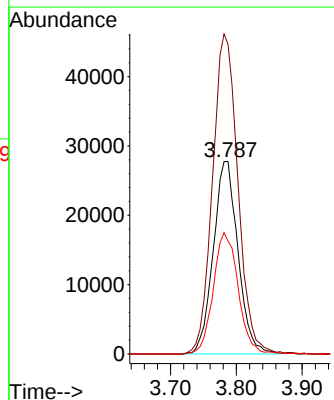
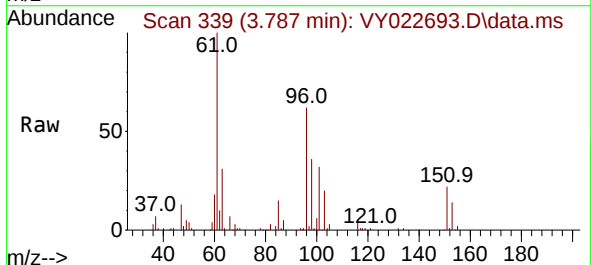
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

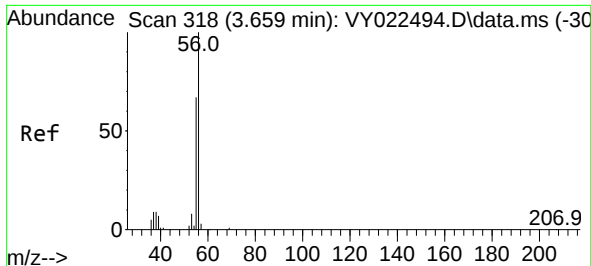
Tgt Ion: 59 Resp: 29183
Ion Ratio Lower Upper
59 100
57 6.3 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 50.742 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 96 Resp: 72658
Ion Ratio Lower Upper
96 100
61 160.8 134.6 201.8
98 58.6 50.2 75.4





#13

Acrolein

Concen: 107.564 ug/l

RT: 3.647 min Scan# 318

Delta R.T. -0.012 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

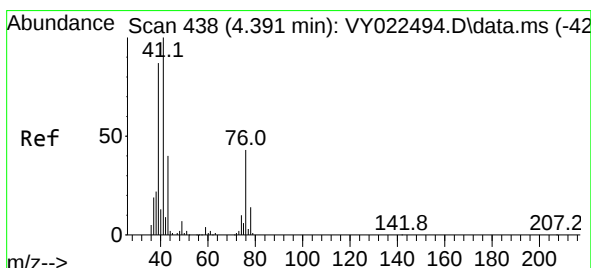
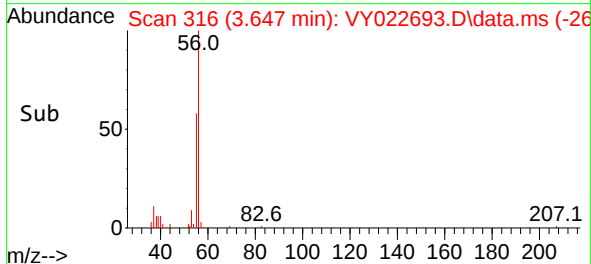
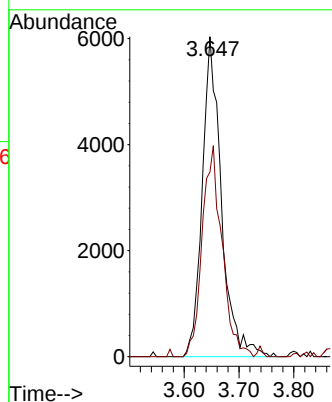
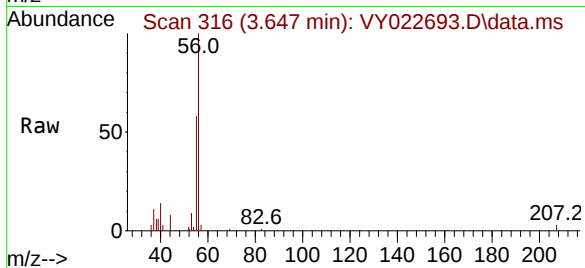
VSTDCCC050EC

Tgt Ion: 56 Resp: 14622

Ion Ratio Lower Upper

56 100

55 68.2 57.0 85.6



#14

Allyl chloride

Concen: 48.535 ug/l

RT: 4.373 min Scan# 435

Delta R.T. -0.018 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

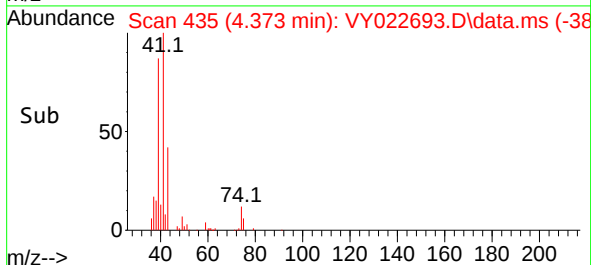
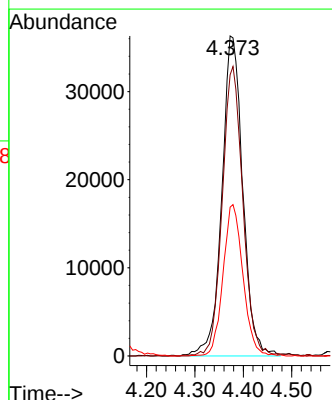
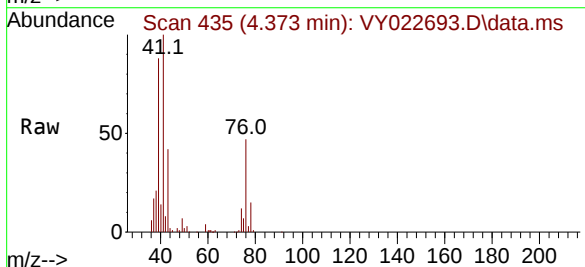
Tgt Ion: 41 Resp: 109103

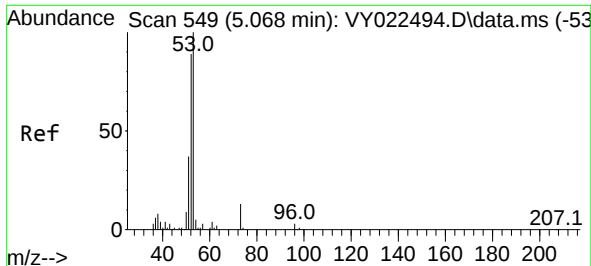
Ion Ratio Lower Upper

41 100

39 88.9 69.1 103.7

76 45.1 33.5 50.3

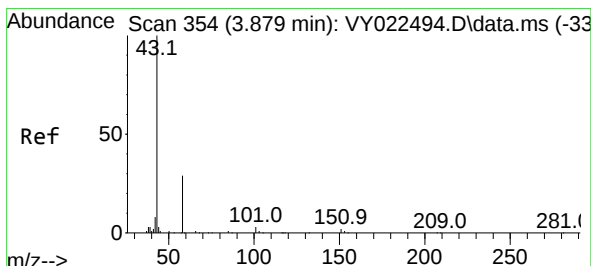
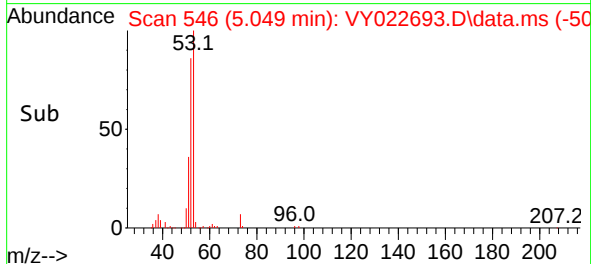
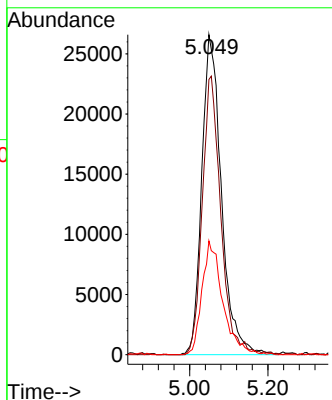
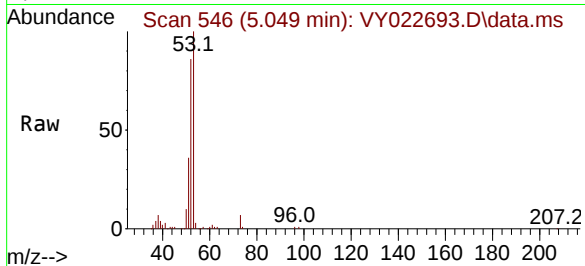




#15
Acrylonitrile
Concen: 272.927 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

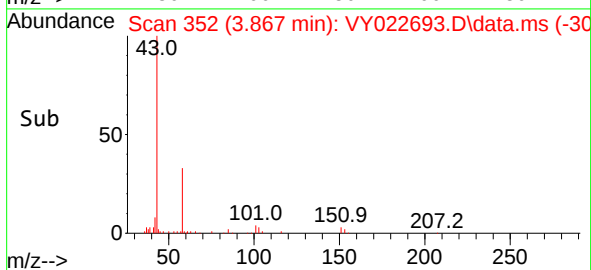
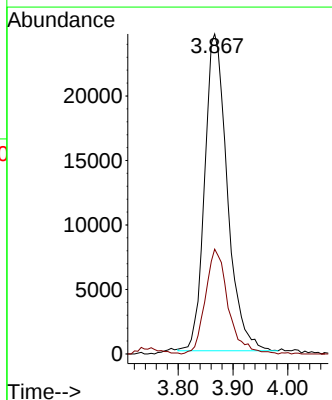
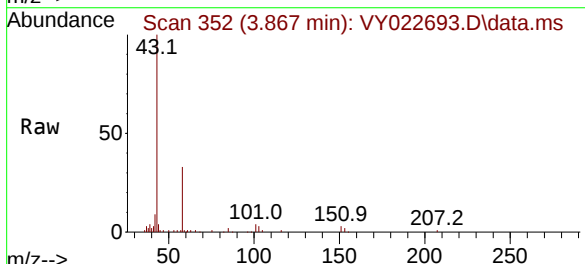
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

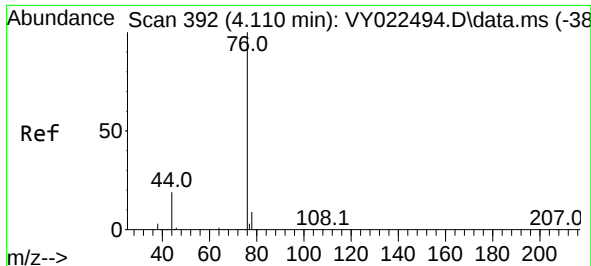
Tgt Ion: 53 Resp: 92586
Ion Ratio Lower Upper
53 100
52 82.4 65.7 98.5
51 37.2 30.1 45.1



#16
Acetone
Concen: 226.861 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 43 Resp: 70361
Ion Ratio Lower Upper
43 100
58 33.1 24.0 36.0

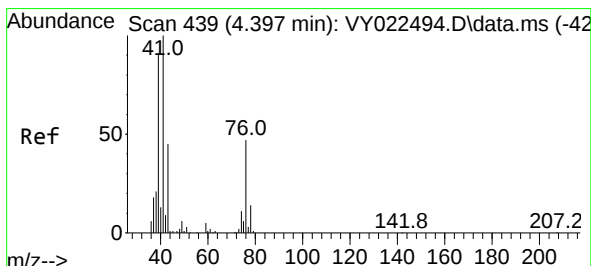
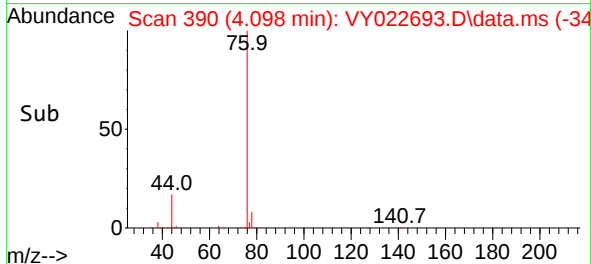
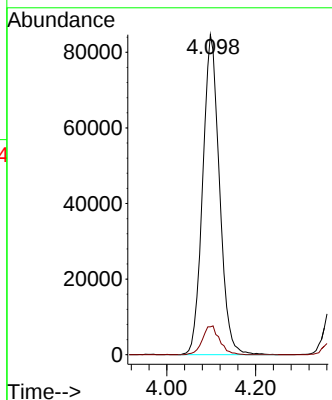
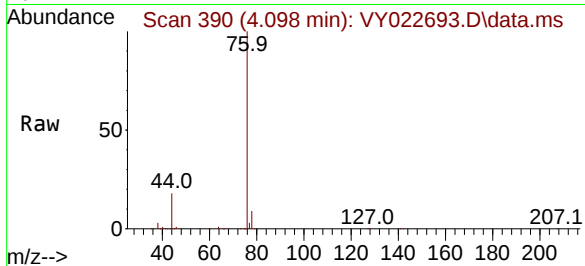




#17
Carbon Disulfide
Concen: 48.534 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

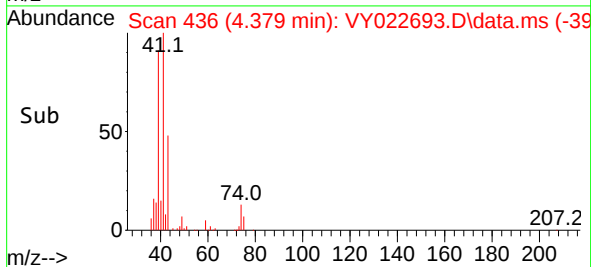
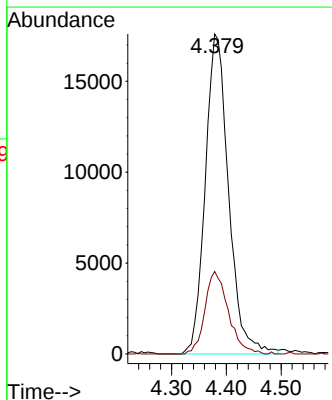
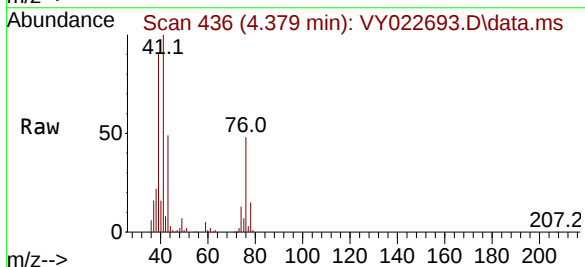
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

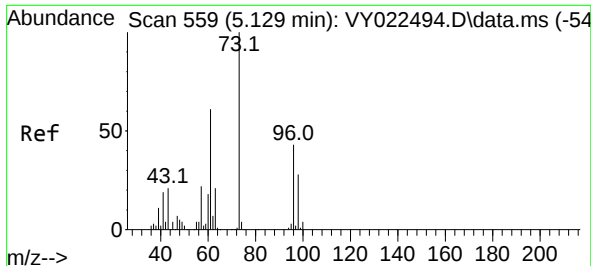
Tgt Ion: 76 Resp: 222493
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 56.660 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 43 Resp: 52039
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.6

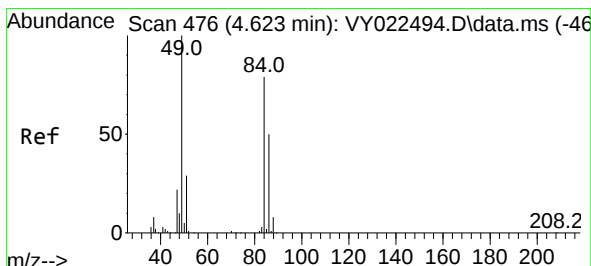
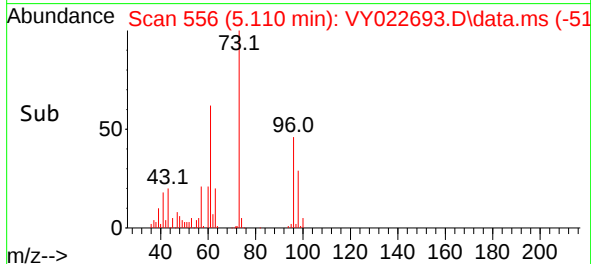
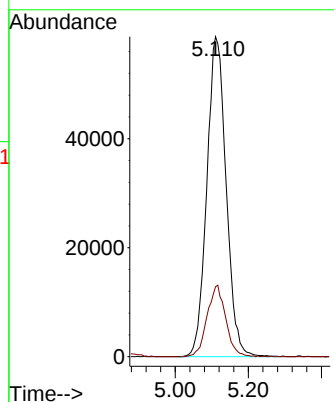
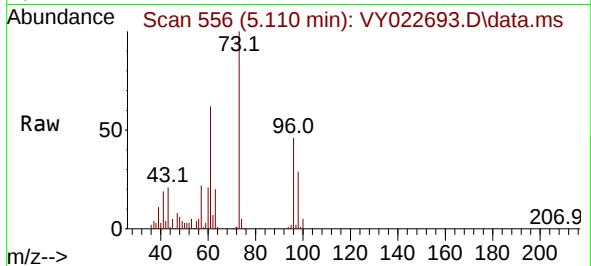




#19
Methyl tert-butyl Ether
Concen: 53.318 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

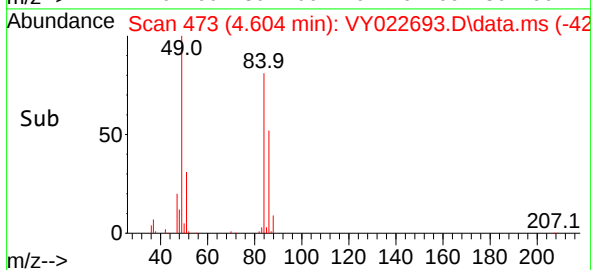
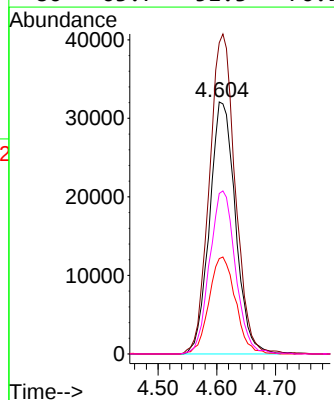
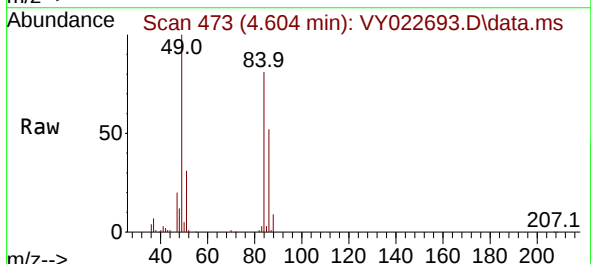
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

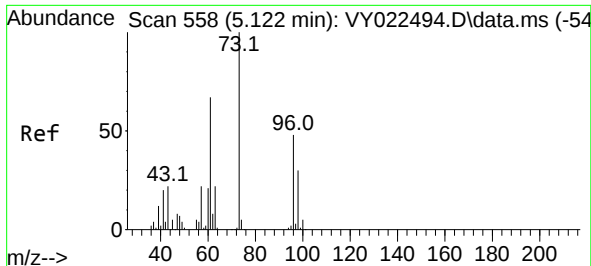
Tgt Ion: 73 Resp: 215037
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 55.714 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 84 Resp: 98155
Ion Ratio Lower Upper
84 100
49 123.5 101.9 152.9
51 37.8 29.8 44.8
86 63.7 51.3 76.9

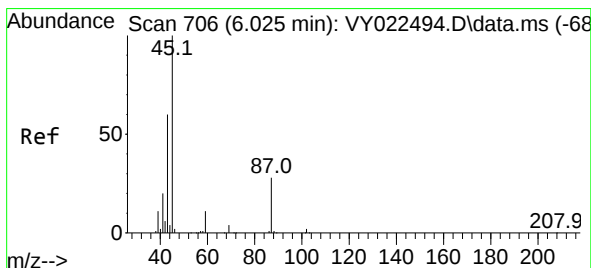
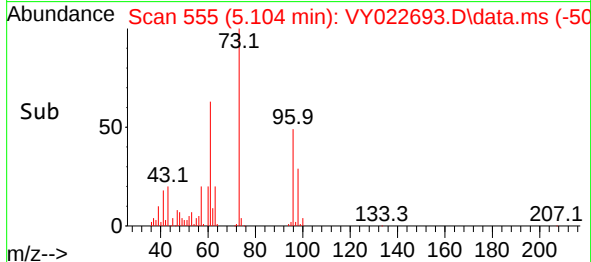
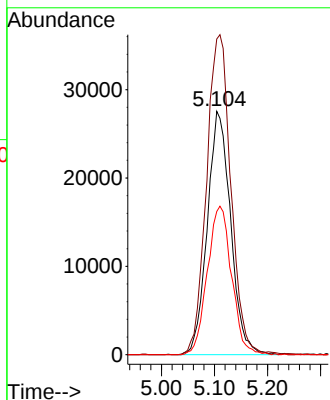
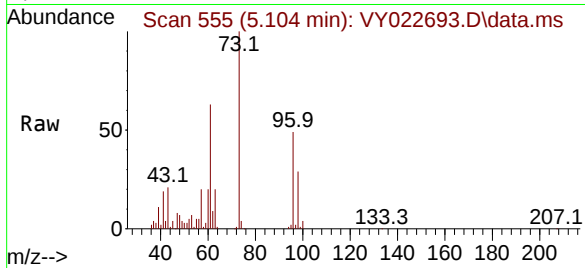




#21
trans-1,2-Dichloroethene
Concen: 52.548 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

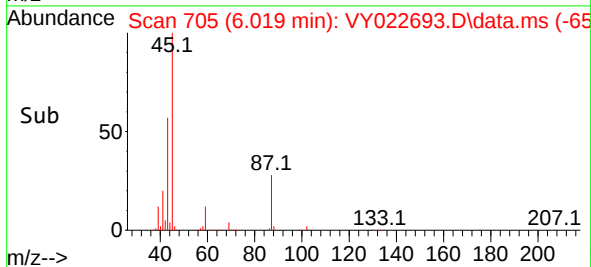
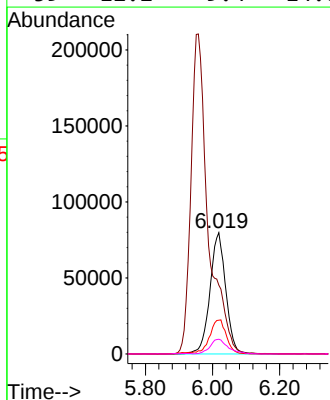
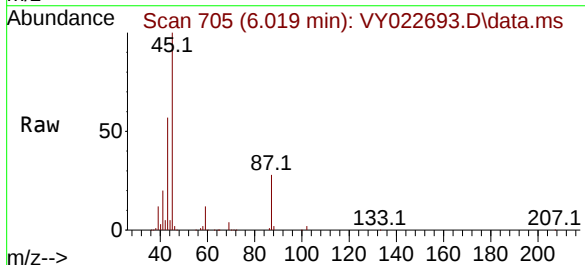
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 84214
Ion Ratio Lower Upper
96 100
61 129.7 112.6 169.0
98 58.9 50.6 75.8



#22
Diisopropyl ether
Concen: 52.122 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 45 Resp: 260797
Ion Ratio Lower Upper
45 100
43 56.5 48.3 72.5
87 27.9 23.0 34.6
59 12.2 9.4 14.0

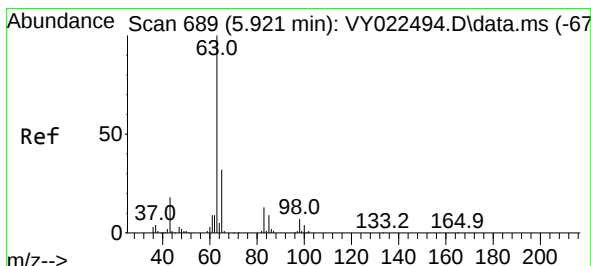
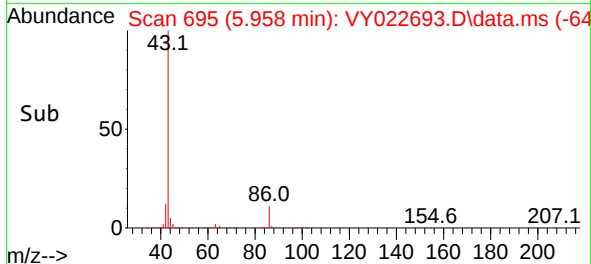
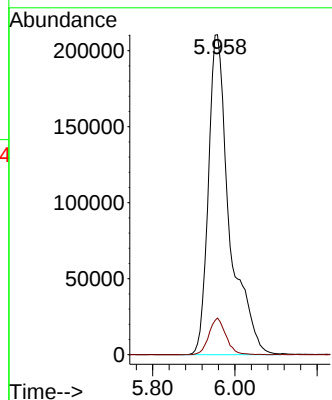
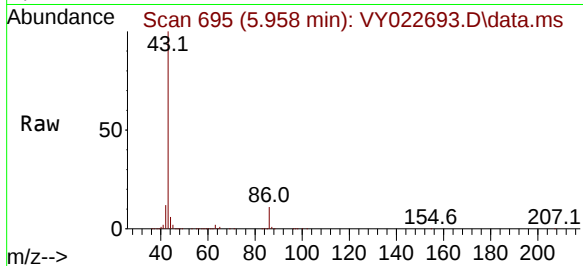




#23
 Vinyl Acetate
 Concen: 253.847 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022693.D
 Acq: 13 Jun 2025 13:50

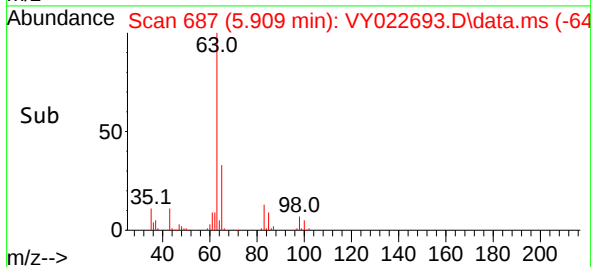
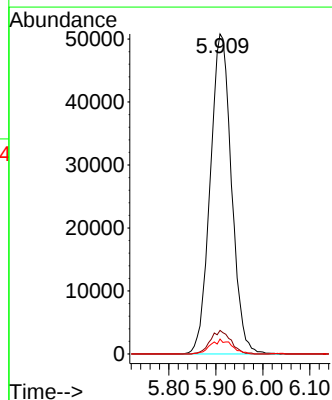
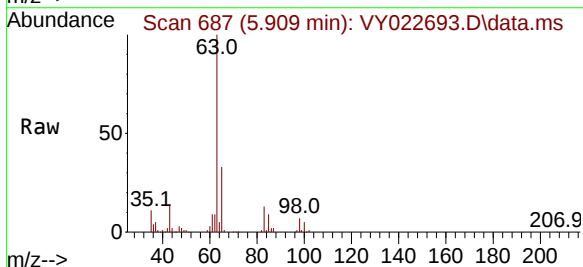
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 751771
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 54.157 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022693.D
 Acq: 13 Jun 2025 13:50

Tgt Ion: 63 Resp: 159640
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.1
 100 4.6 2.1 6.3

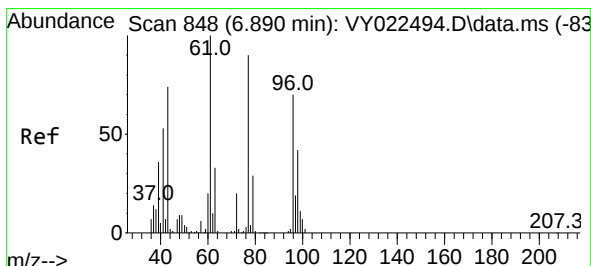
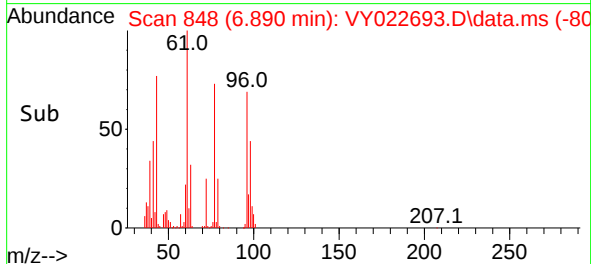
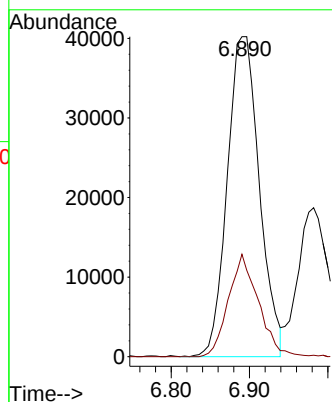
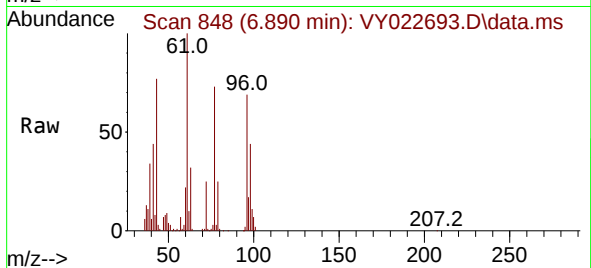




#25
2-Butanone
Concen: 256.593 ug/l
RT: 6.890 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

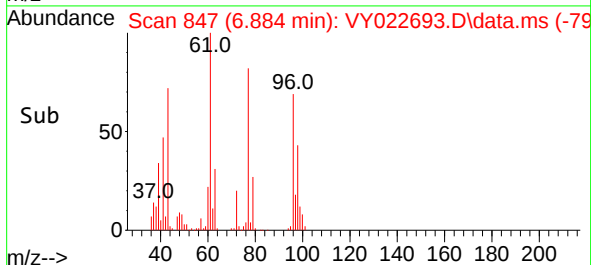
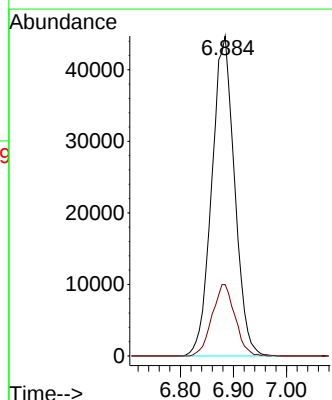
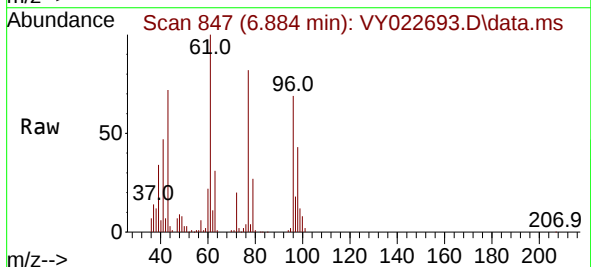
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

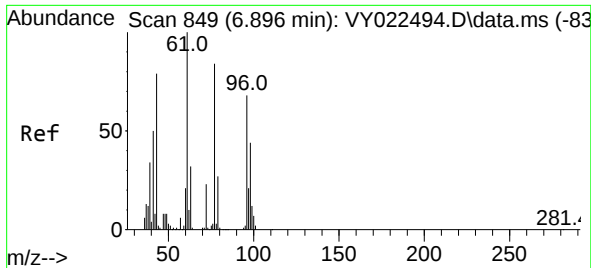
Tgt Ion: 43 Resp: 114793
Ion Ratio Lower Upper
43 100
72 32.0 22.9 34.3



#26
2,2-Dichloropropane
Concen: 51.115 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 77 Resp: 133127
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 55.431 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

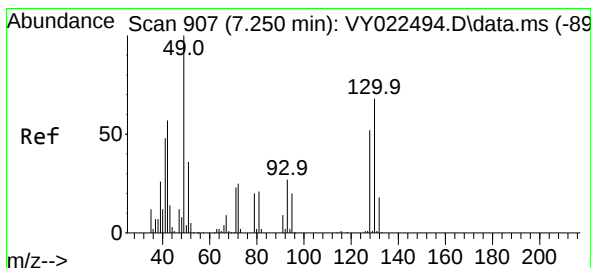
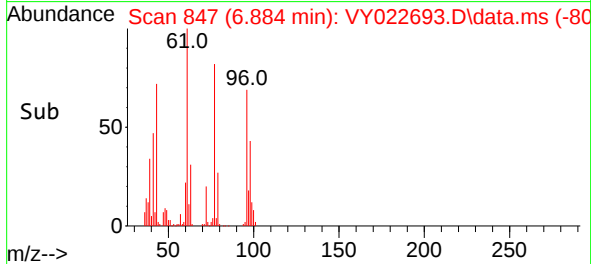
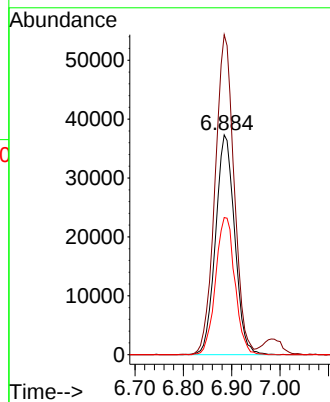
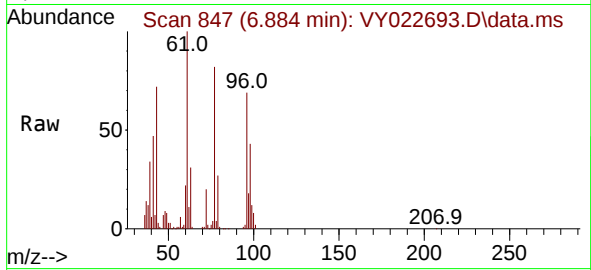
Tgt Ion: 96 Resp: 102678

Ion Ratio Lower Upper

96 100

61 145.0 0.0 290.0

98 63.0 0.0 128.4



#28

Bromochloromethane

Concen: 54.580 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

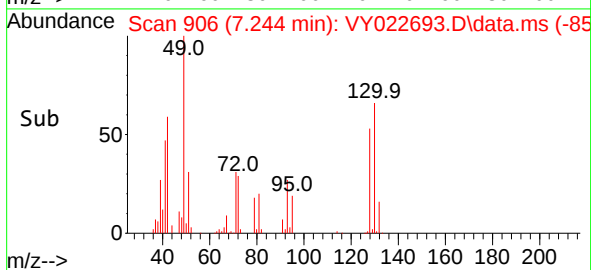
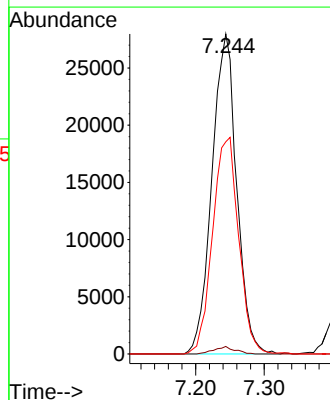
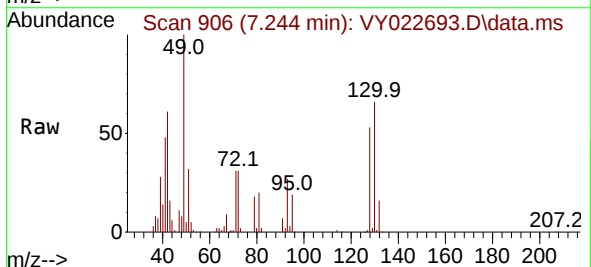
Tgt Ion: 49 Resp: 70132

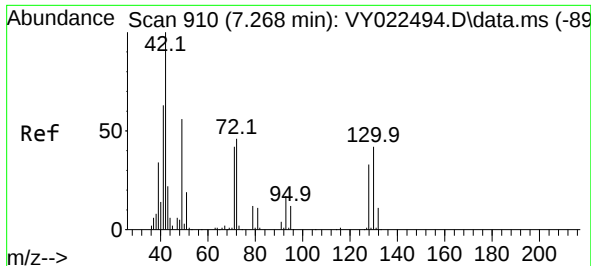
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 71.3 55.7 83.5





#29

Tetrahydrofuran

Concen: 258.423 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

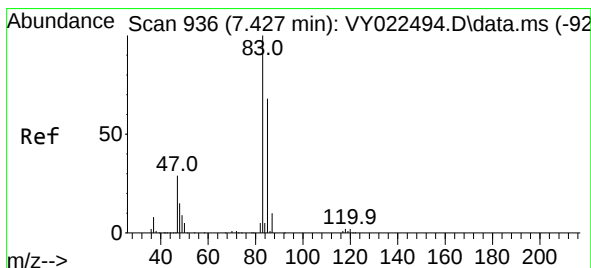
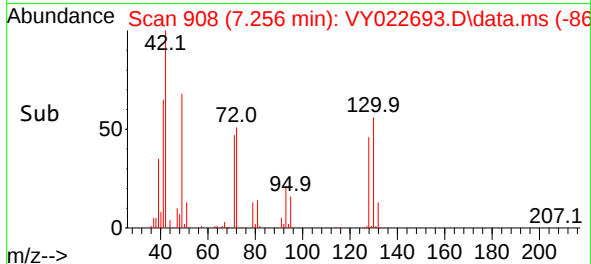
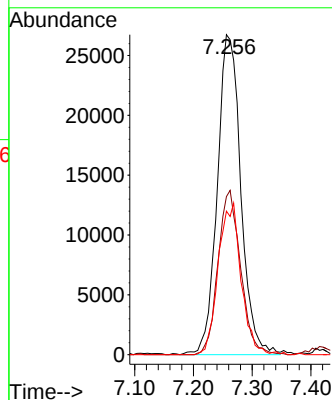
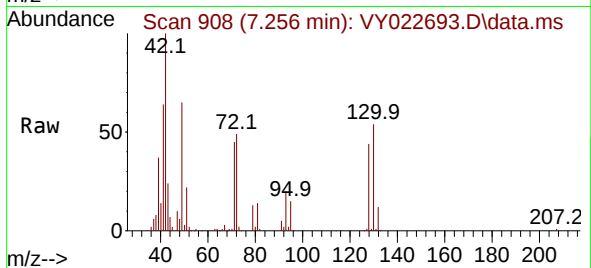
Tgt Ion: 42 Resp: 74566

Ion Ratio Lower Upper

42 100

72 49.2 37.4 56.2

71 45.6 34.2 51.2



#30

Chloroform

Concen: 56.499 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022693.D

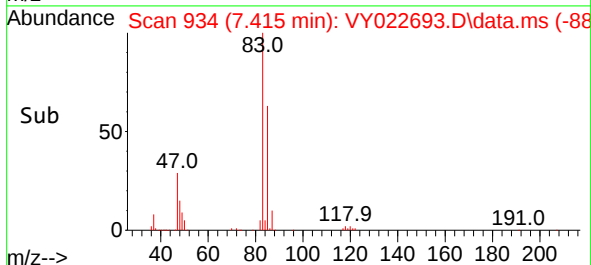
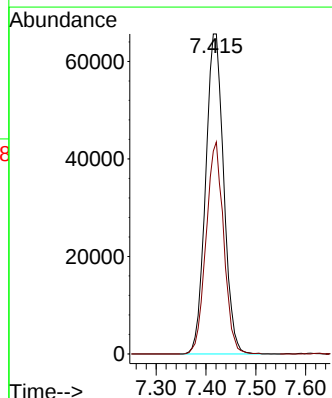
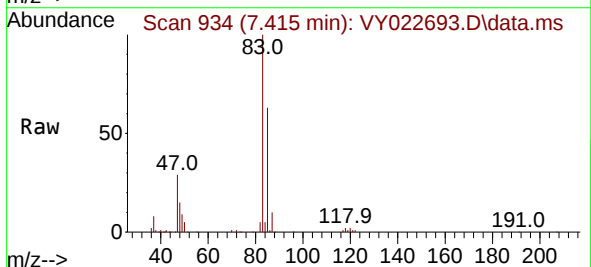
Acq: 13 Jun 2025 13:50

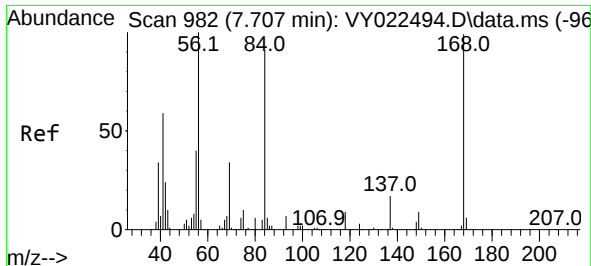
Tgt Ion: 83 Resp: 164959

Ion Ratio Lower Upper

83 100

85 63.4 54.2 81.4

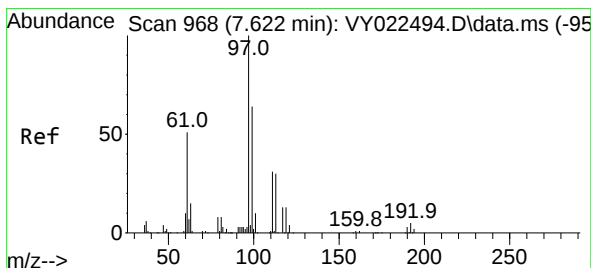
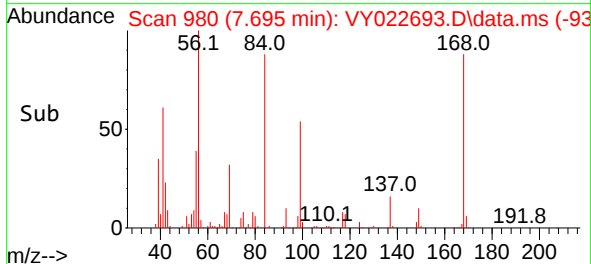
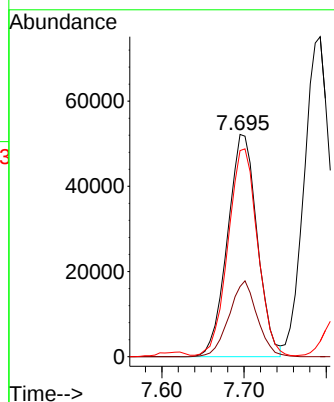
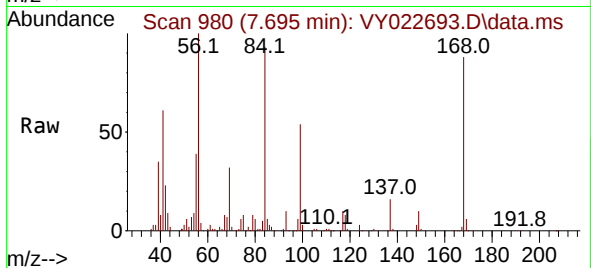




#31
Cyclohexane
Concen: 44.598 ug/l
RT: 7.695 min Scan# 982
Delta R.T. -0.012 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

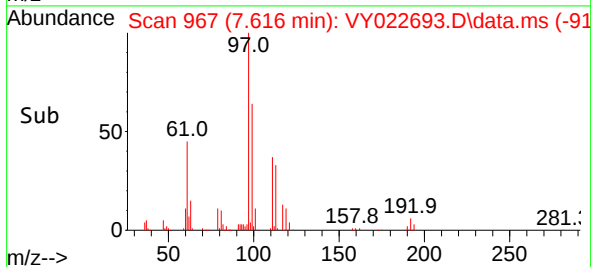
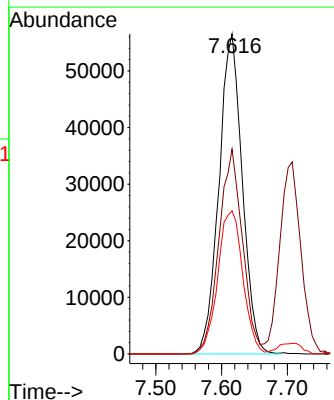
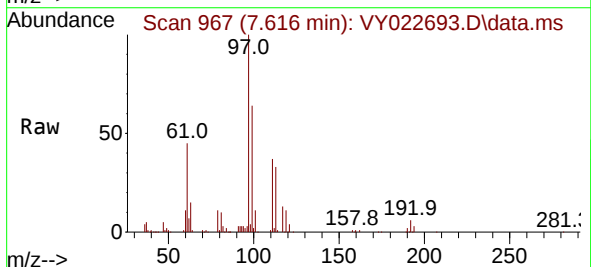
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 130877
Ion Ratio Lower Upper
56 100
69 31.6 27.0 40.6
84 90.6 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 53.914 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 97 Resp: 139735
Ion Ratio Lower Upper
97 100
99 64.4 50.9 76.3
61 48.1 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 55.865 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

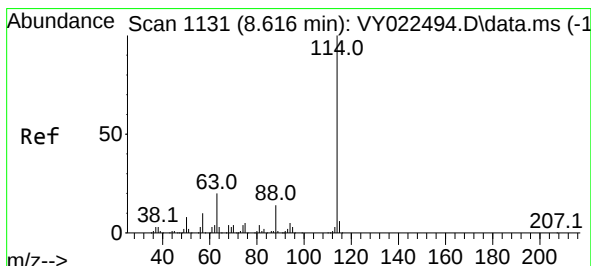
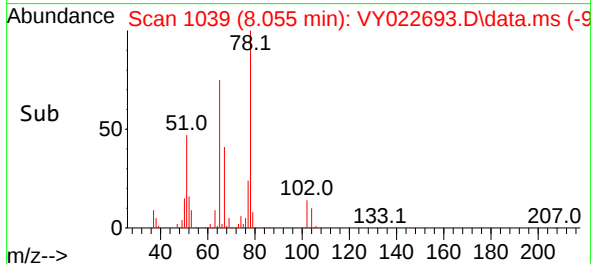
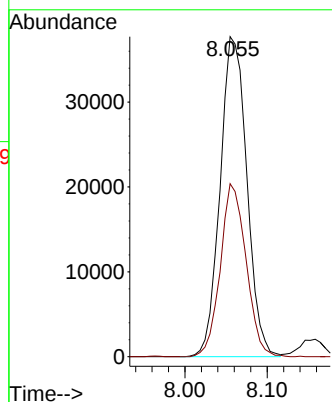
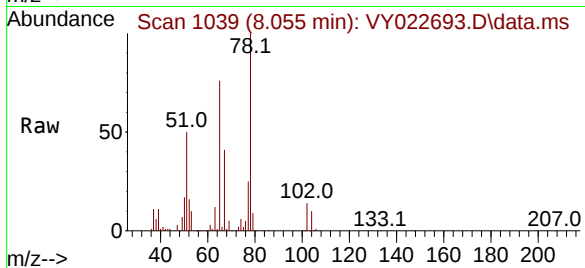
VSTDCCC050EC

Tgt Ion: 65 Resp: 85317

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

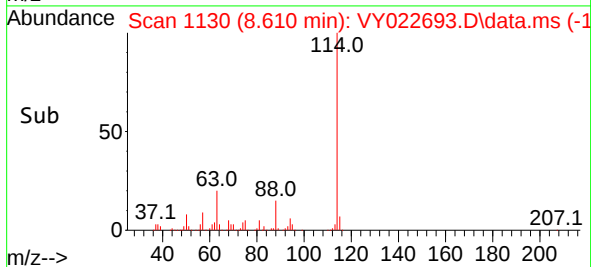
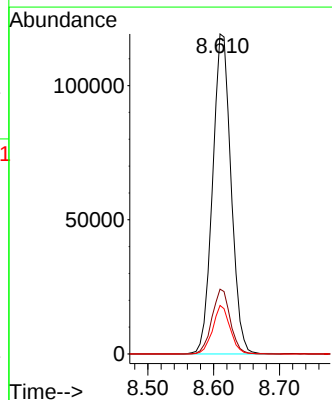
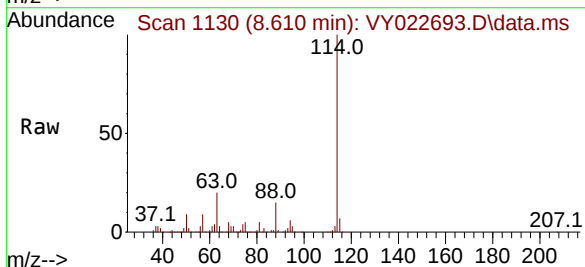
Tgt Ion: 114 Resp: 232481

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 15.2 0.0 27.8





#35

Dibromofluoromethane

Concen: 55.679 ug/l

RT: 7.628 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

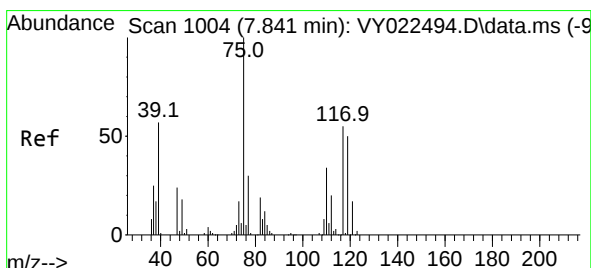
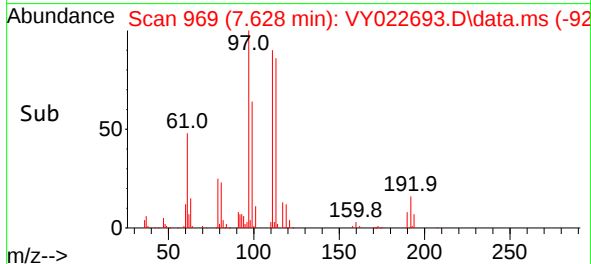
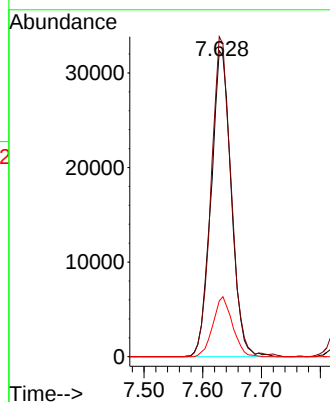
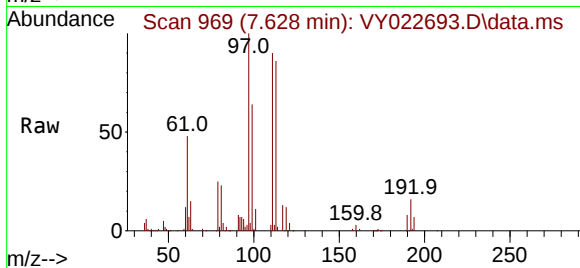
Tgt Ion:113 Resp: 77262

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

192 18.9 14.2 21.2



#36

1,1-Dichloropropene

Concen: 50.948 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

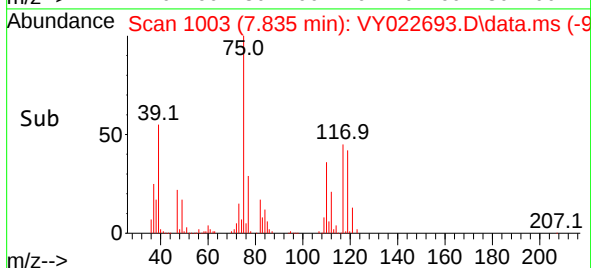
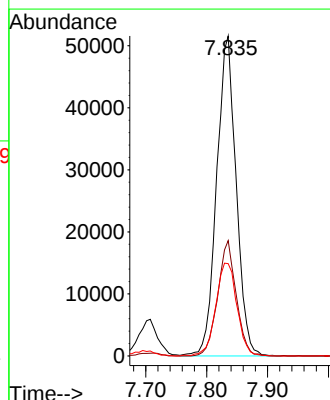
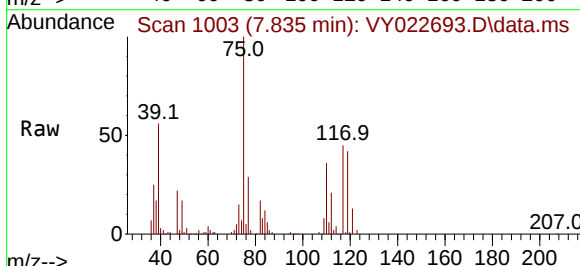
Tgt Ion: 75 Resp: 114742

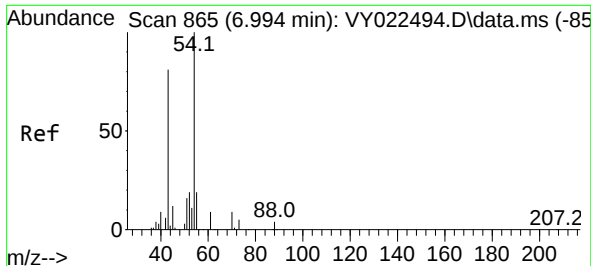
Ion Ratio Lower Upper

75 100

110 34.2 16.9 50.7

77 31.6 24.8 37.2

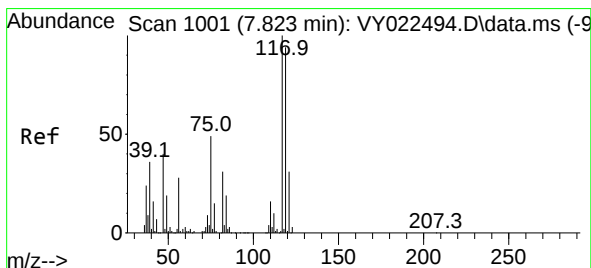
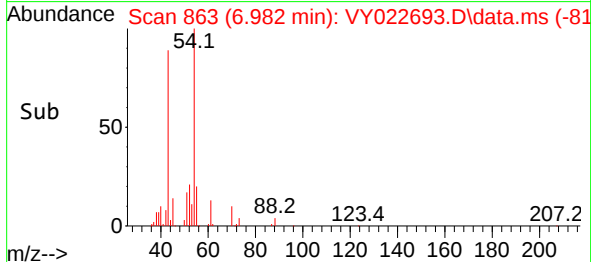
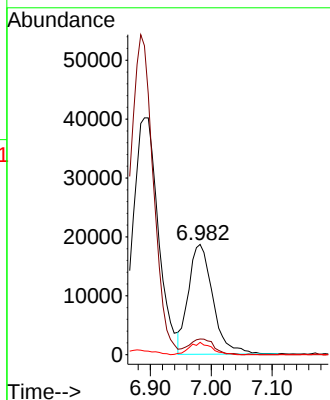
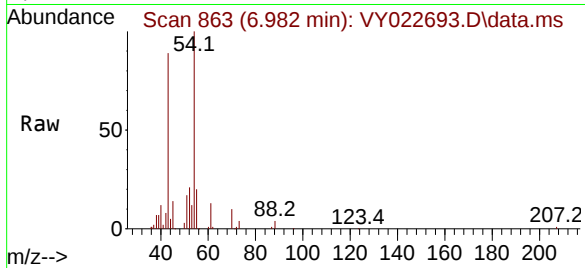




#37
Ethyl Acetate
Concen: 51.574 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

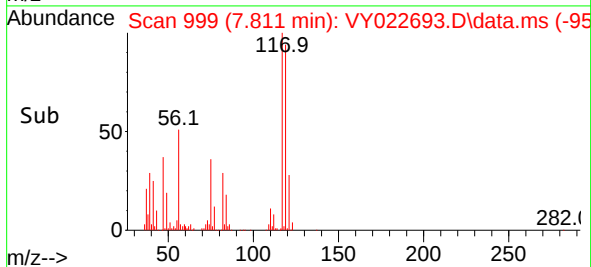
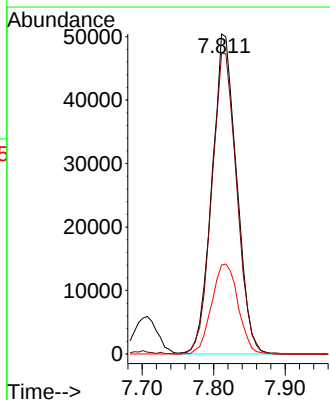
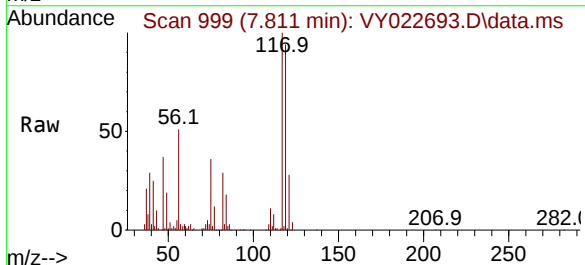
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

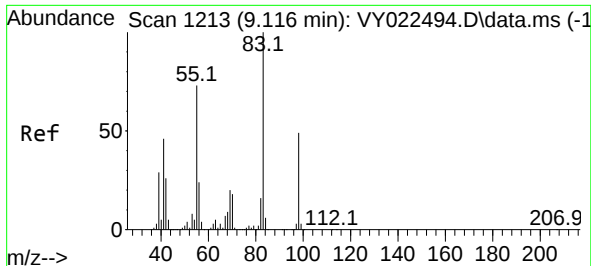
Tgt Ion: 43 Resp: 51798
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 10.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 52.186 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 117 Resp: 120568
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 27.8 25.0 37.4





#39

Methylcyclohexane

Concen: 48.032 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

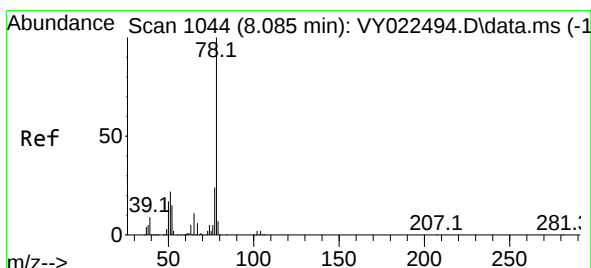
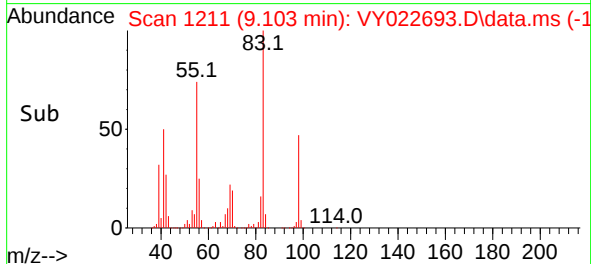
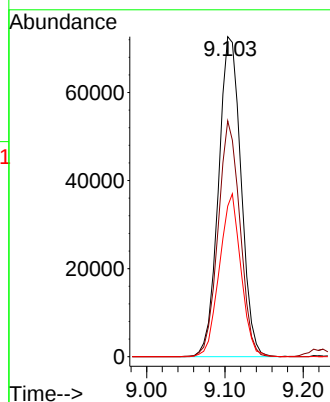
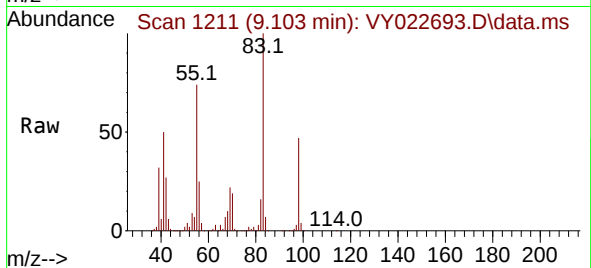
Tgt Ion: 83 Resp: 145370

Ion Ratio Lower Upper

83 100

55 73.7 58.1 87.1

98 47.1 39.0 58.6



#40

Benzene

Concen: 54.976 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.012 min

Lab File: VY022693.D

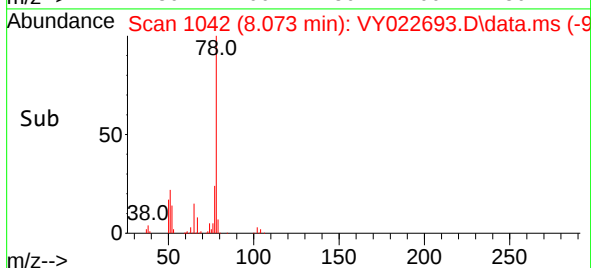
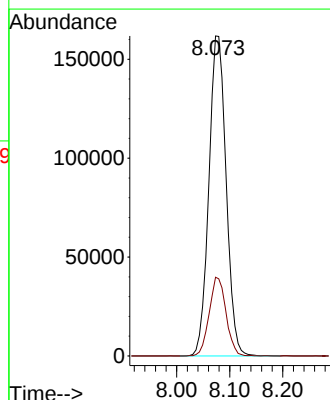
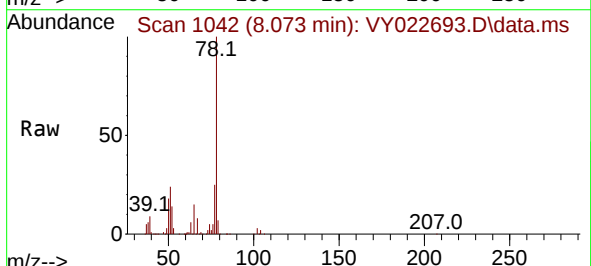
Acq: 13 Jun 2025 13:50

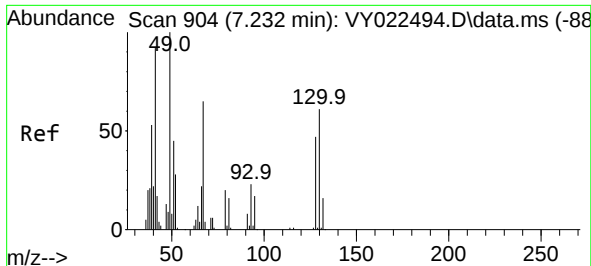
Tgt Ion: 78 Resp: 365692

Ion Ratio Lower Upper

78 100

77 24.6 19.3 28.9

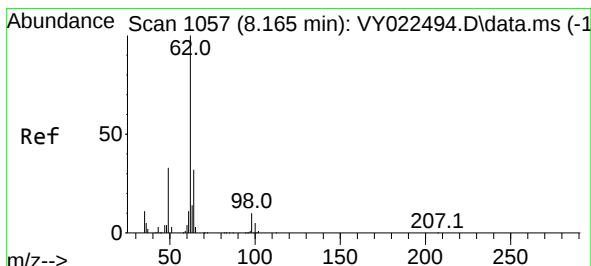
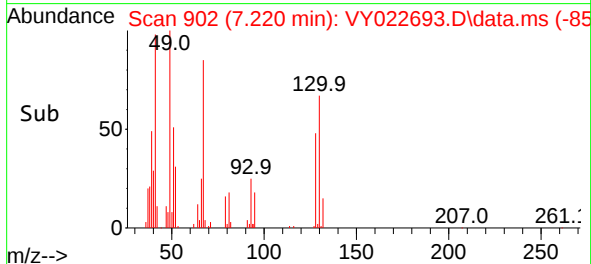
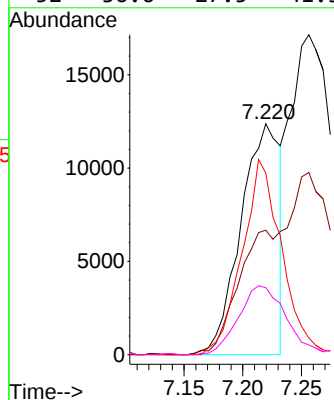
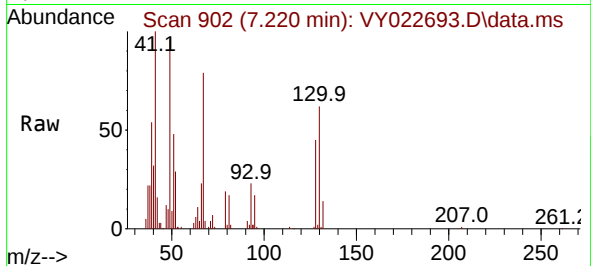




#41
Methacrylonitrile
Concen: 48.986 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

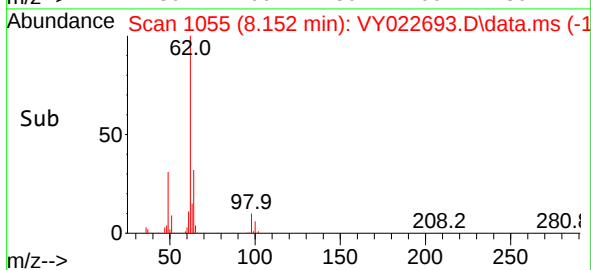
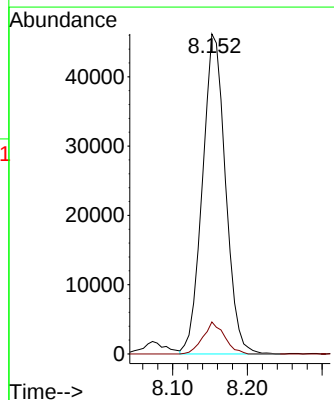
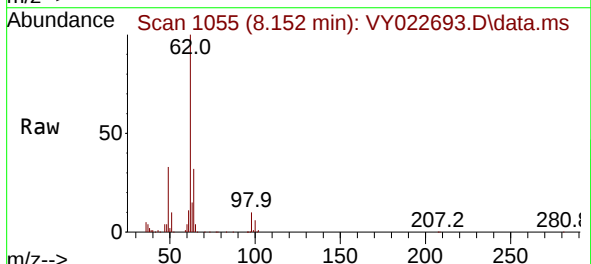
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

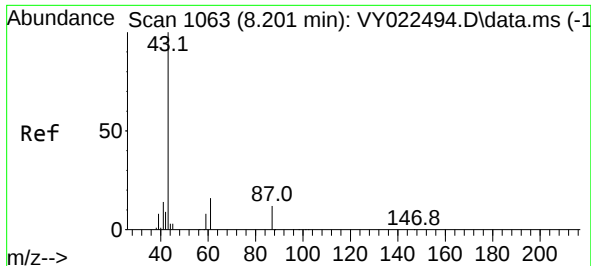
Tgt Ion:	41	Resp:	28737
Ion	Ratio	Lower	Upper
41	100		
39	49.5	46.6	69.8
67	85.4	63.3	94.9
52	36.6	27.5	41.3



#42
1,2-Dichloroethane
Concen: 54.468 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion:	62	Resp:	98927
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2

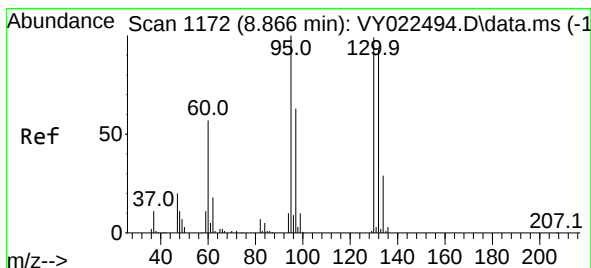
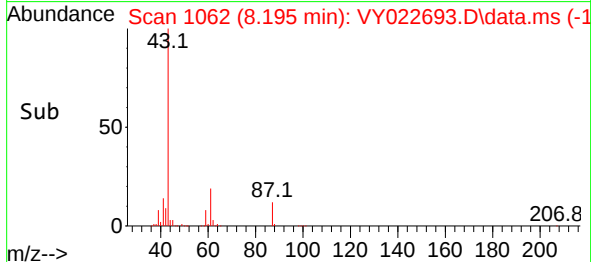
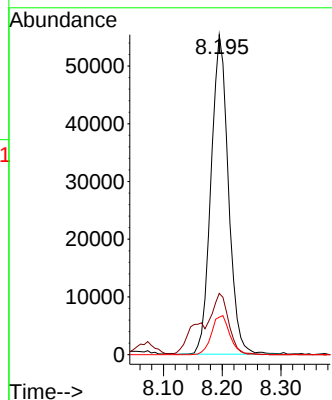
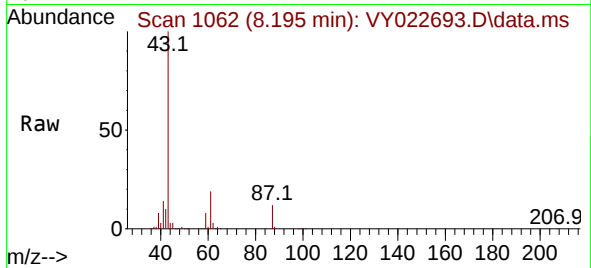




#43
Isopropyl Acetate
Concen: 52.451 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

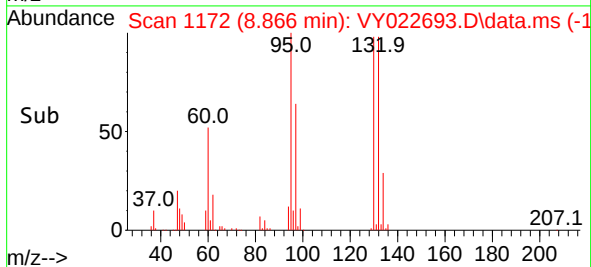
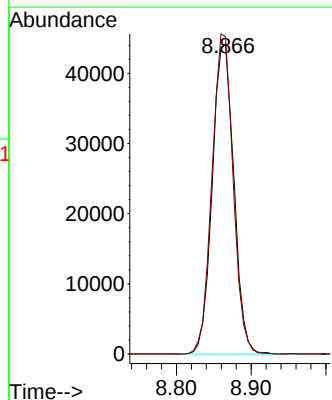
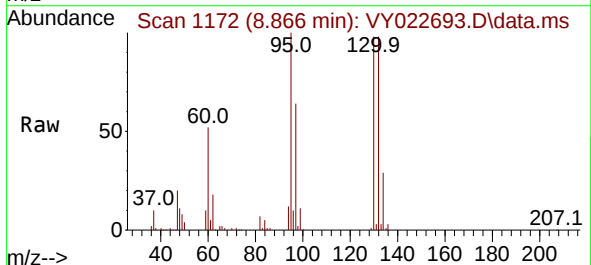
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

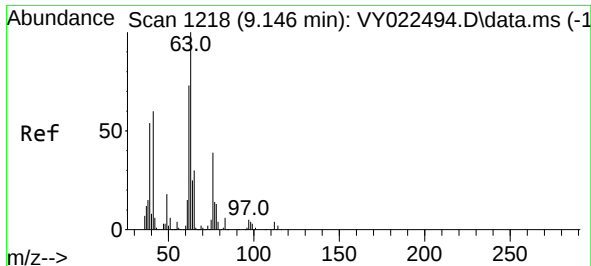
Tgt Ion: 43 Resp: 113772
Ion Ratio Lower Upper
43 100
61 19.3 15.6 23.4
87 13.0 10.2 15.4



#44
Trichloroethene
Concen: 54.459 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion:130 Resp: 88536
Ion Ratio Lower Upper
130 100
95 102.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 55.479 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

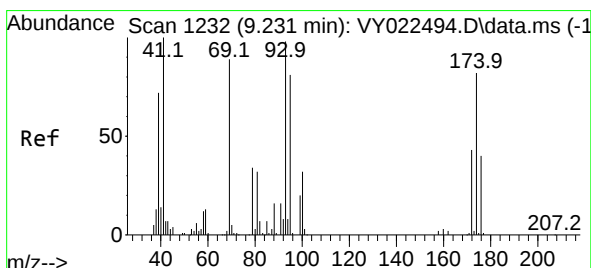
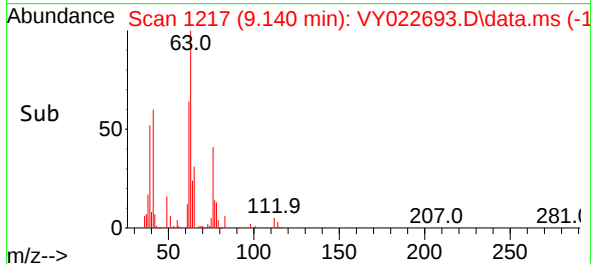
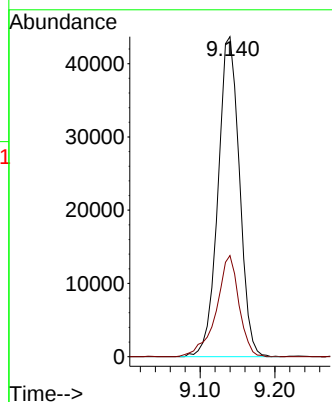
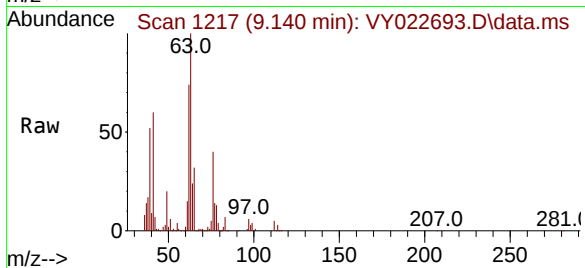
VSTDCCC050EC

Tgt Ion: 63 Resp: 87216

Ion Ratio Lower Upper

63 100

65 31.6 24.0 36.0



#46

Dibromomethane

Concen: 56.280 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

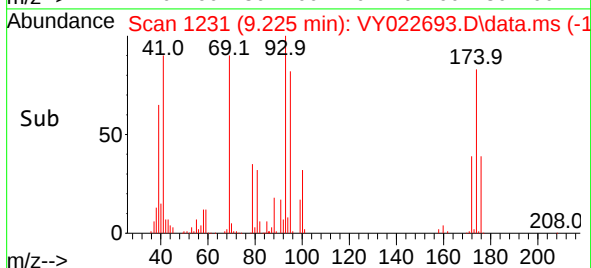
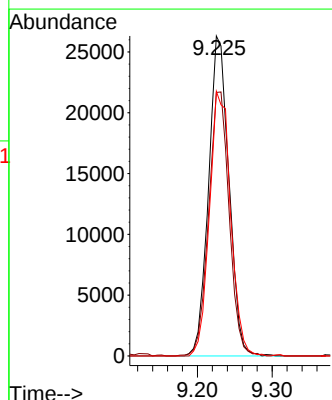
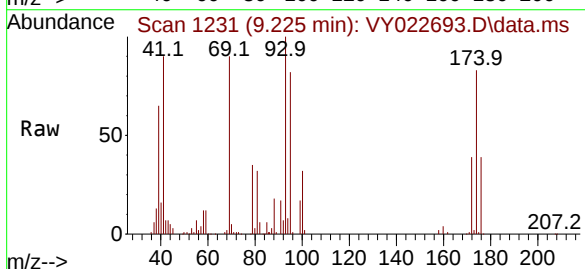
Tgt Ion: 93 Resp: 49775

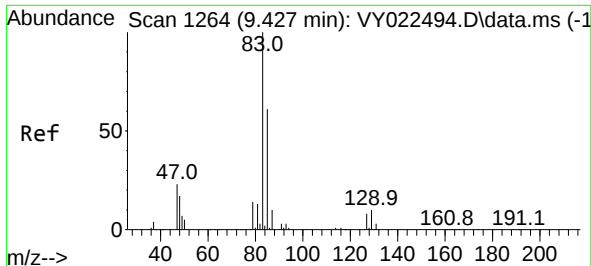
Ion Ratio Lower Upper

93 100

95 83.2 65.6 98.4

174 85.9 70.4 105.6

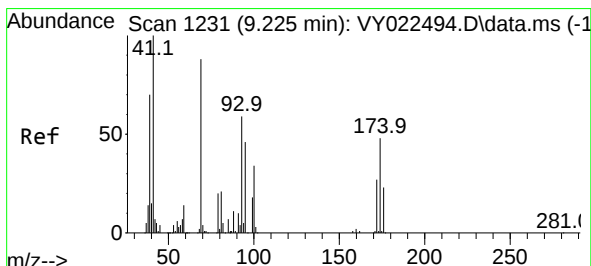
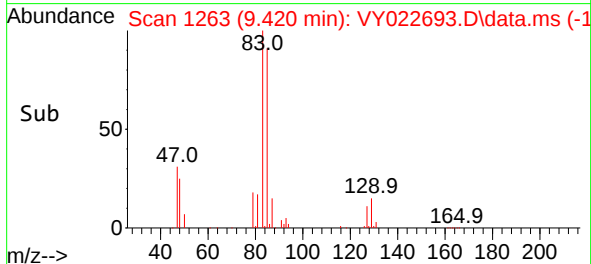
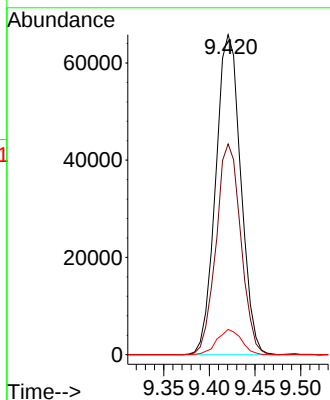
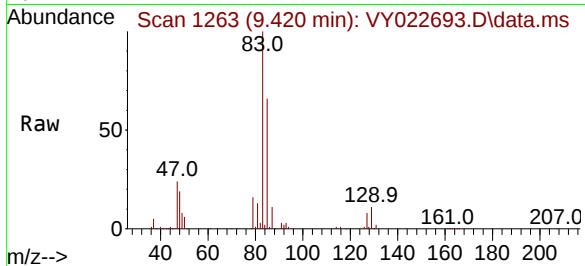




#47
Bromodichloromethane
Concen: 55.944 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

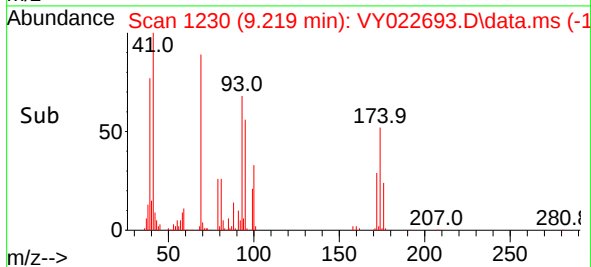
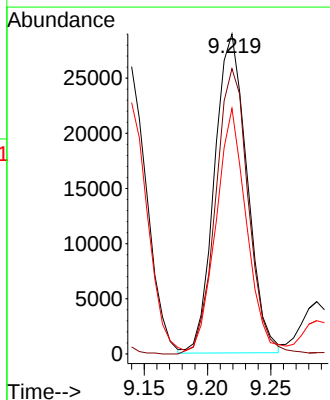
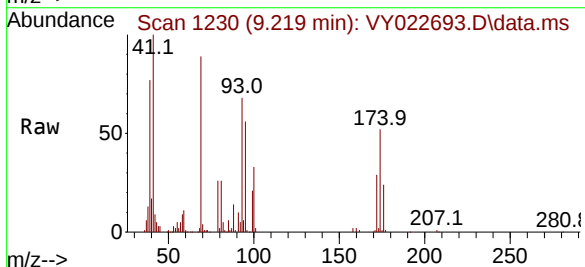
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

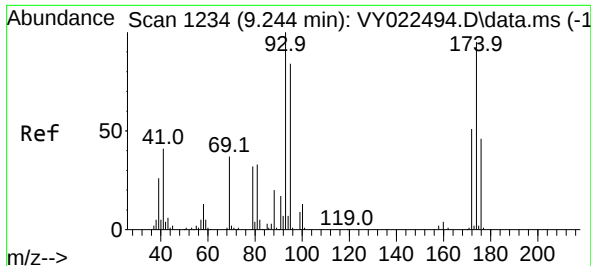
Tgt Ion: 83 Resp: 125459
Ion Ratio Lower Upper
83 100
85 65.9 49.1 73.7
127 7.9 6.2 9.4



#48
Methyl methacrylate
Concen: 50.999 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 41 Resp: 51918
Ion Ratio Lower Upper
41 100
69 89.7 67.8 101.8
39 70.3 55.0 82.4

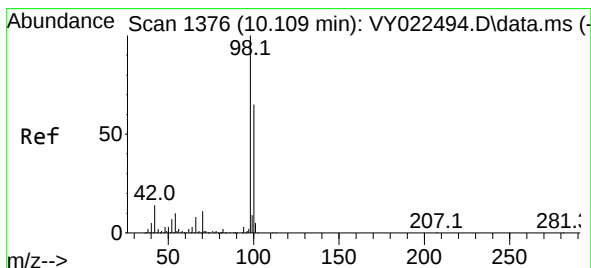
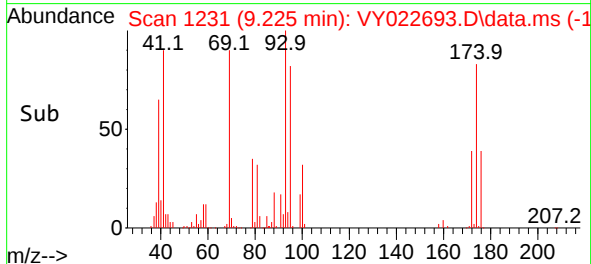
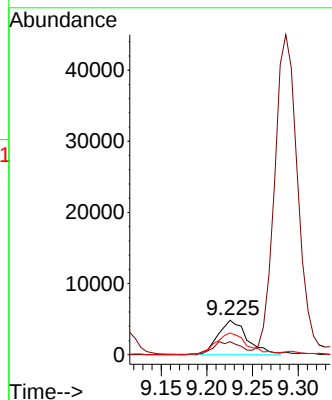
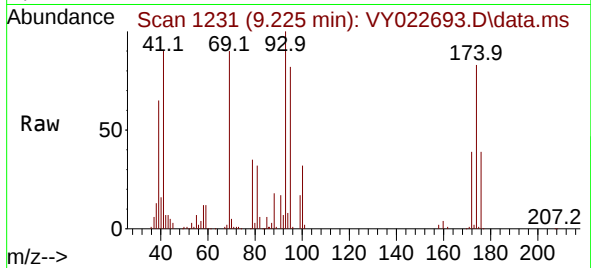




#49
1,4-Dioxane
Concen: 1031.233 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

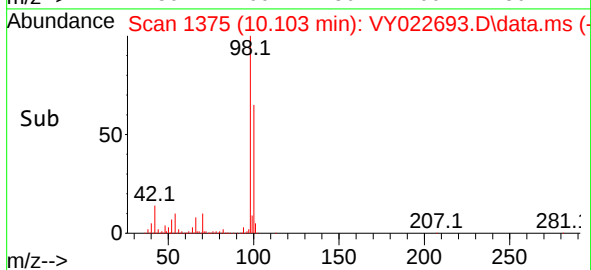
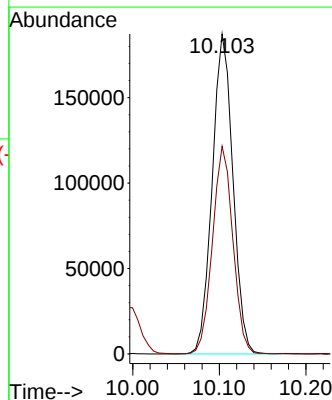
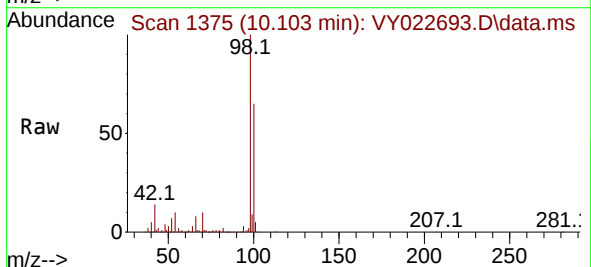
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

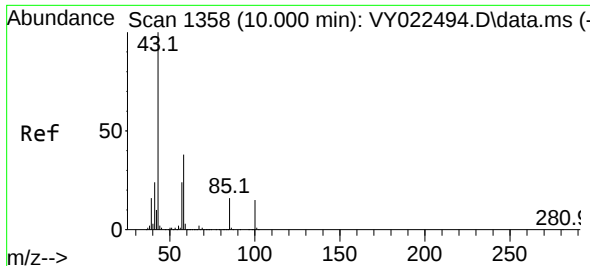
Tgt Ion: 88 Resp: 10805
Ion Ratio Lower Upper
88 100
43 37.2 25.4 38.2
58 67.6 54.9 82.3



#50
Toluene-d8
Concen: 55.415 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 98 Resp: 310709
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

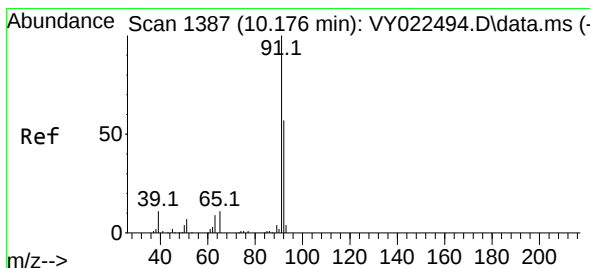
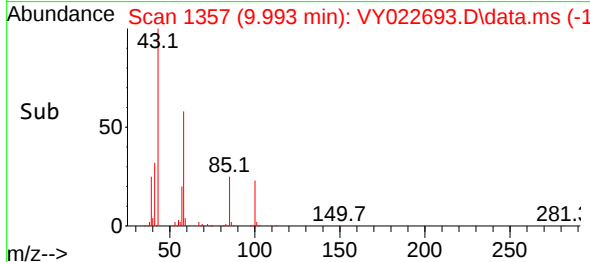
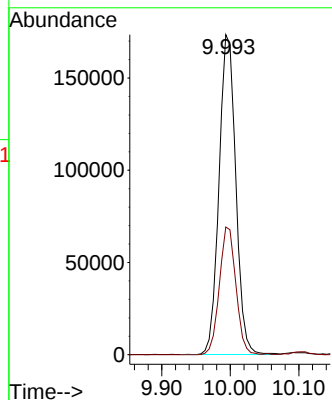
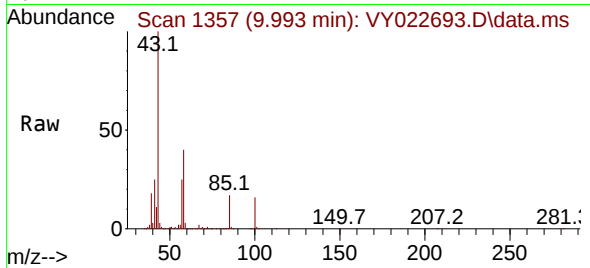




#51
4-Methyl-2-Pentanone
Concen: 271.897 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

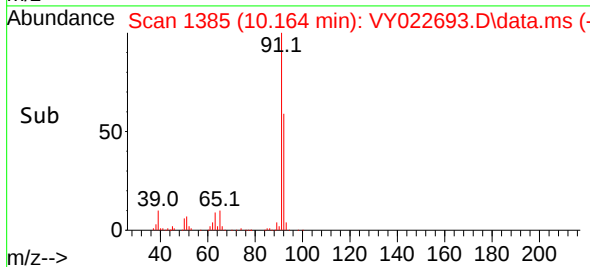
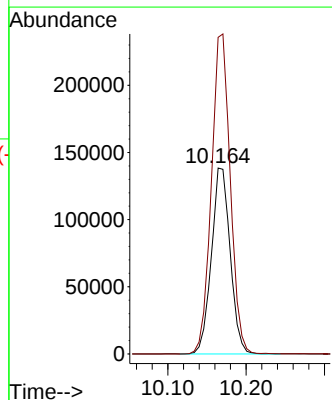
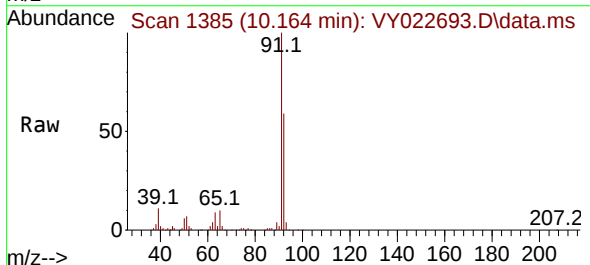
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

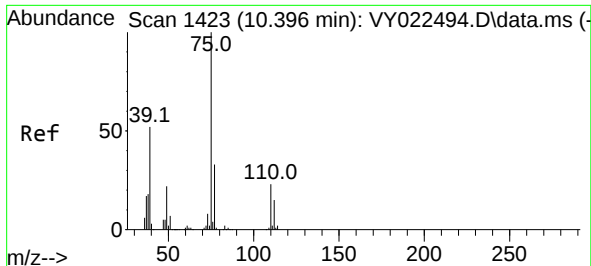
Tgt Ion: 43 Resp: 294041
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6



#52
Toluene
Concen: 55.047 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.012 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 92 Resp: 230111
Ion Ratio Lower Upper
92 100
91 172.9 139.0 208.4

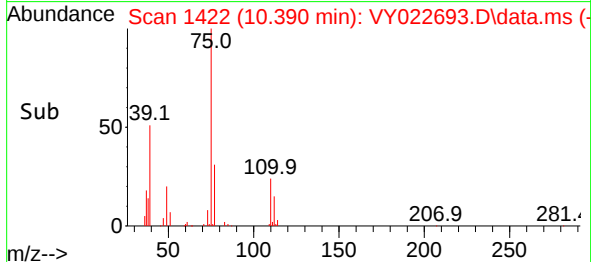
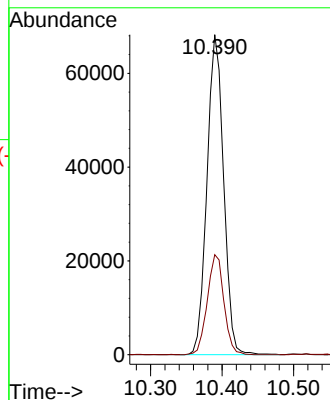
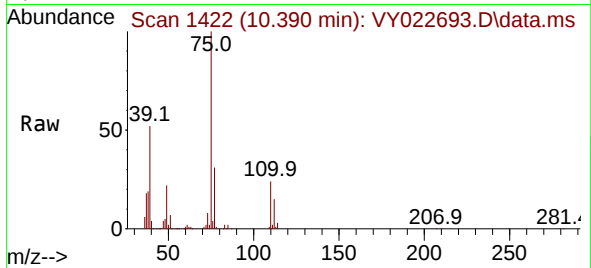




#53
t-1,3-Dichloropropene
Concen: 52.449 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

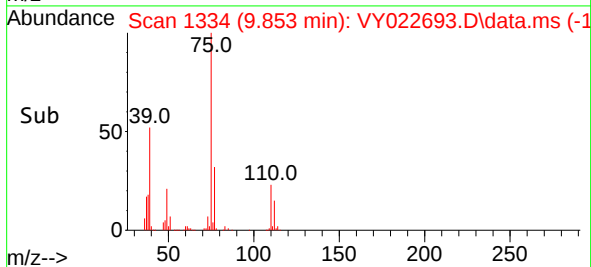
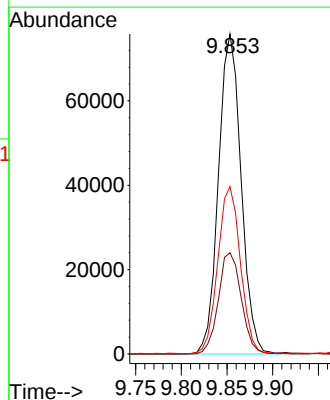
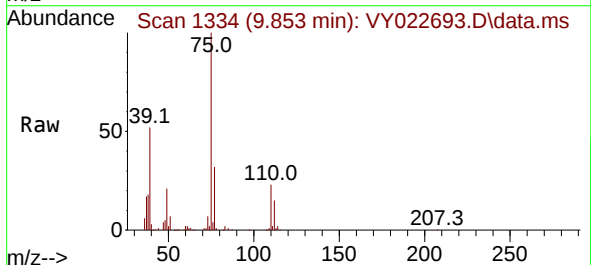
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

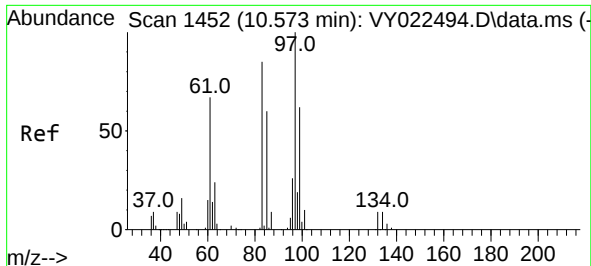
Tgt Ion: 75 Resp: 110206
Ion Ratio Lower Upper
75 100
77 31.3 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 53.472 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 75 Resp: 130789
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 52.2 42.7 64.1

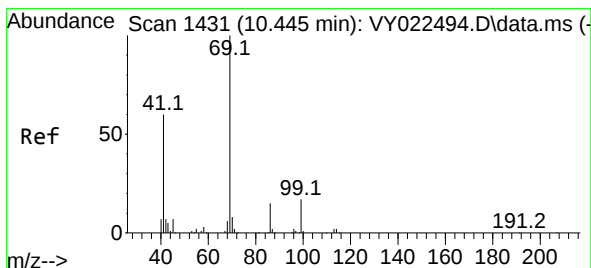
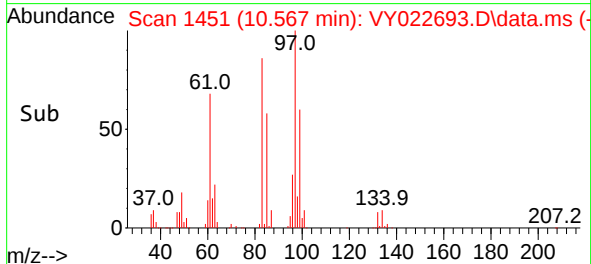
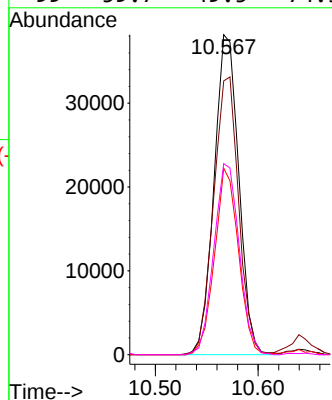
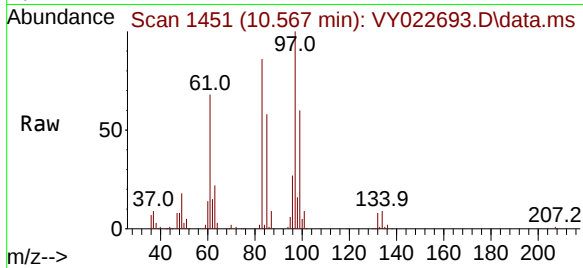




#55
1,1,2-Trichloroethane
Concen: 56.513 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

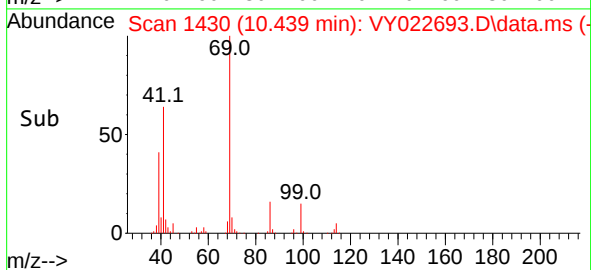
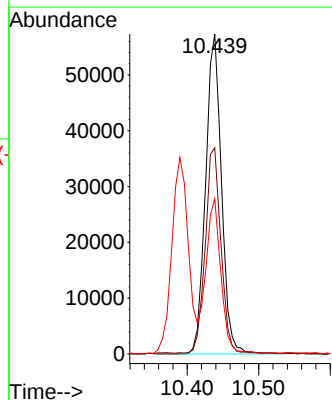
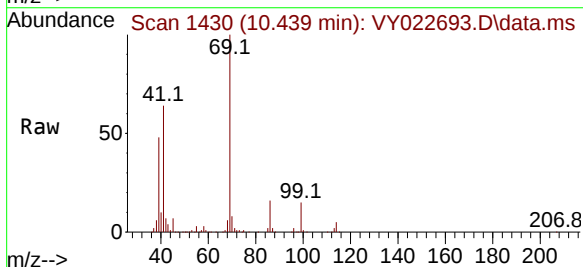
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	63733
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.1	102.1
85	58.2	48.2	72.2
99	59.7	49.5	74.3



#56
Ethyl methacrylate
Concen: 54.183 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion:	69	Resp:	88317
Ion	Ratio	Lower	Upper
69	100		
41	63.4	52.2	78.2
39	45.6	36.7	55.1





#57

1,3-Dichloropropane

Concen: 54.995 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

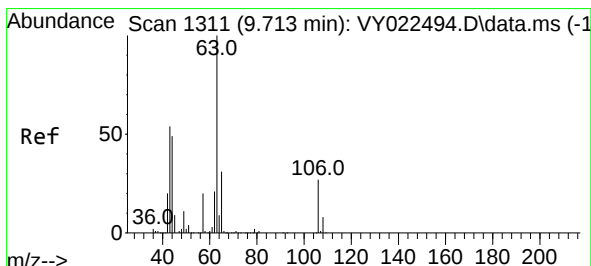
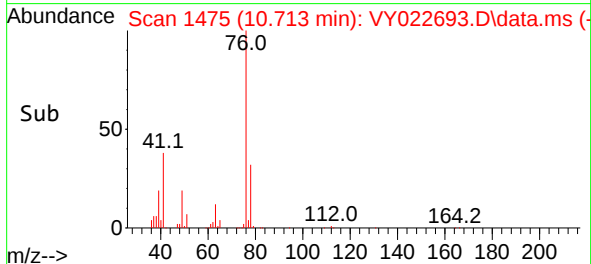
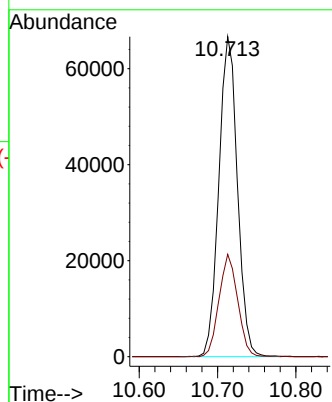
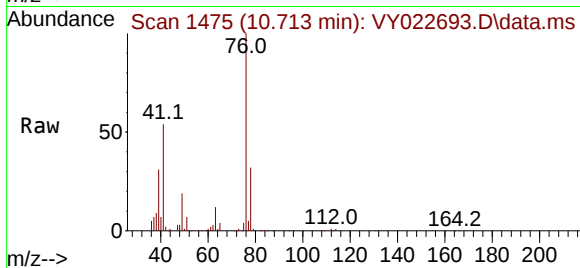
VSTDCCC050EC

Tgt Ion: 76 Resp: 109926

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 255.315 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022693.D

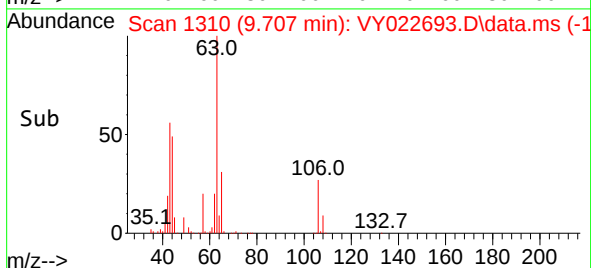
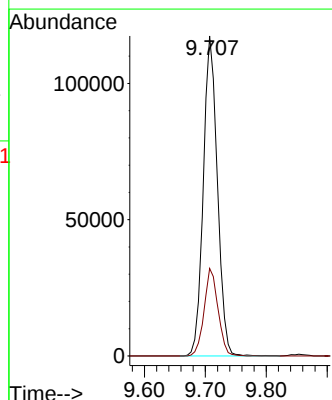
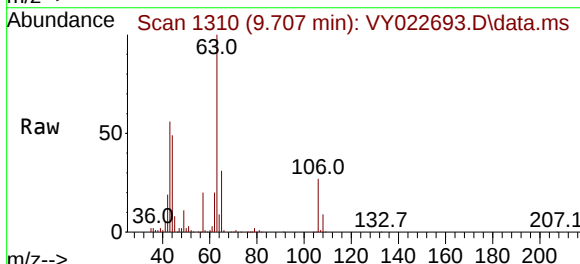
Acq: 13 Jun 2025 13:50

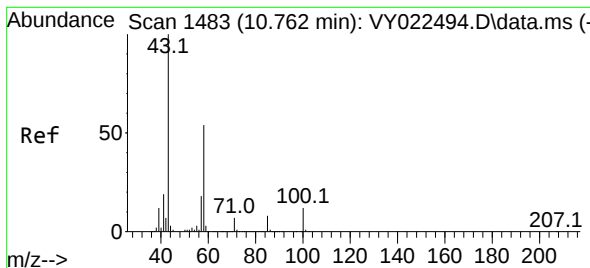
Tgt Ion: 63 Resp: 188943

Ion Ratio Lower Upper

63 100

106 27.0 21.6 32.4

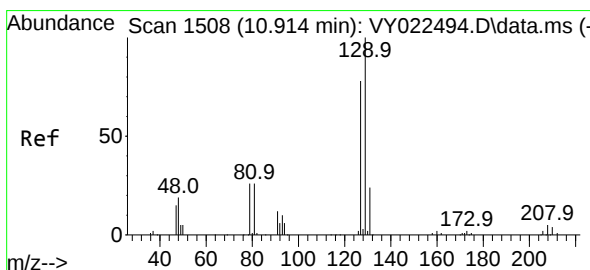
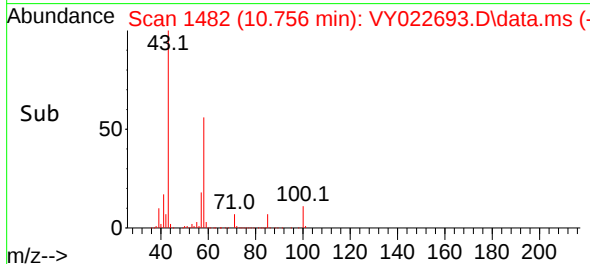
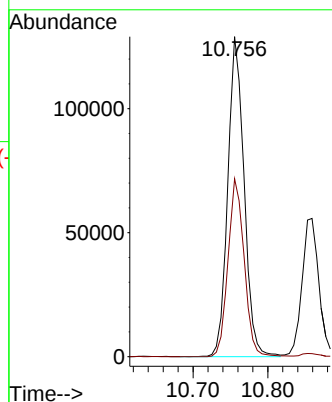
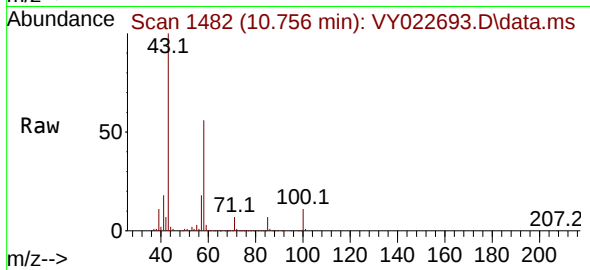




#59
2-Hexanone
Concen: 270.655 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

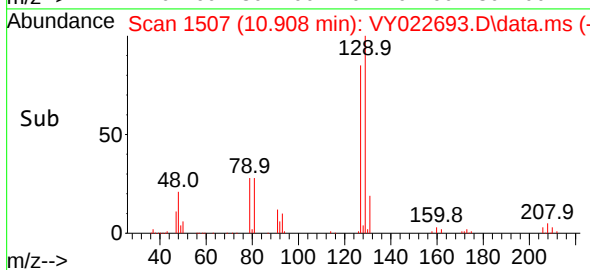
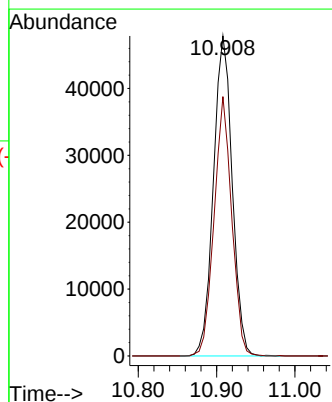
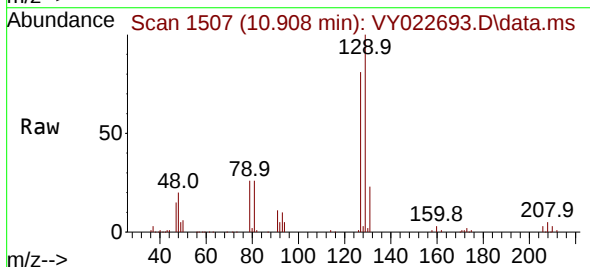
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

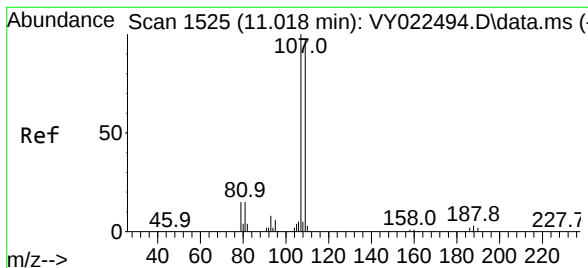
Tgt Ion: 43 Resp: 195754
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8



#60
Dibromochloromethane
Concen: 55.663 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 129 Resp: 79775
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.2

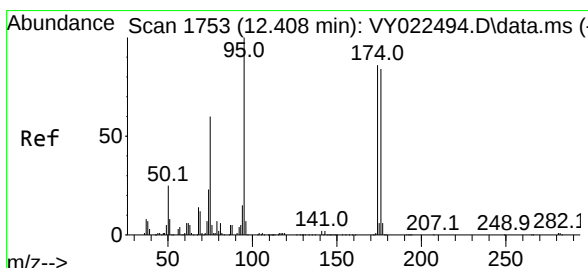
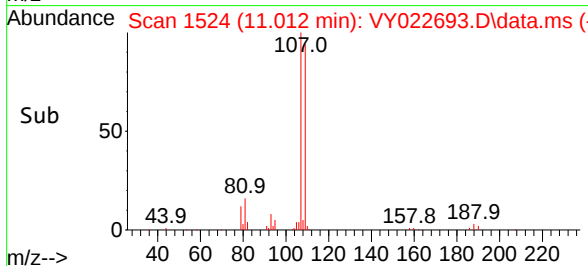
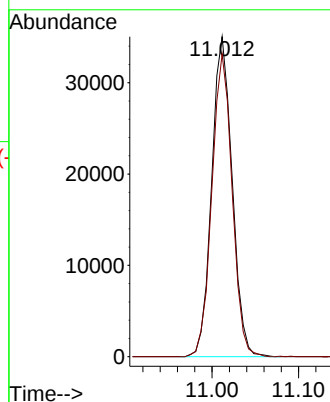
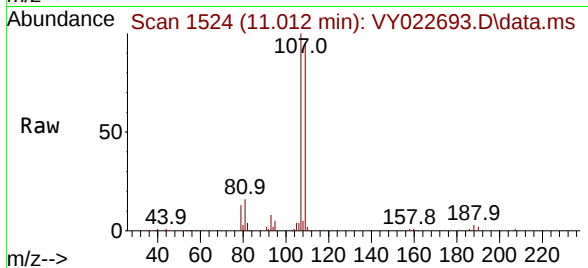




#61
1,2-Dibromoethane
Concen: 55.923 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

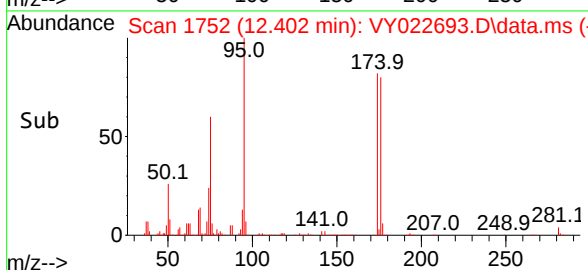
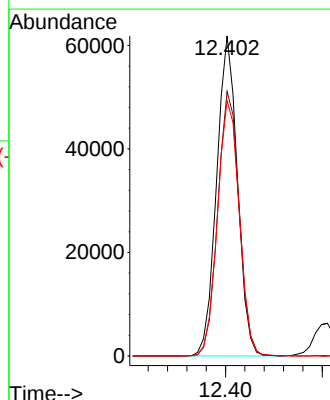
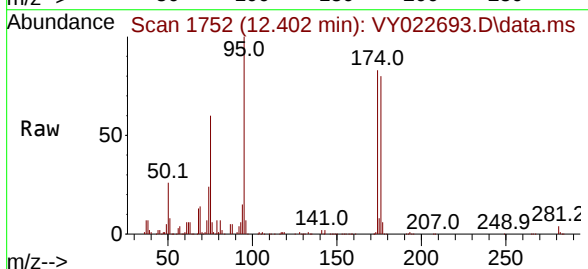
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

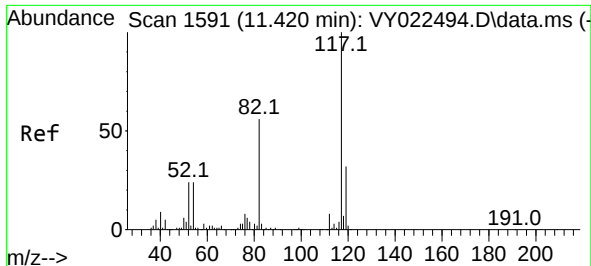
Tgt Ion:107 Resp: 57482
Ion Ratio Lower Upper
107 100
109 93.6 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 55.050 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 95 Resp: 91965
Ion Ratio Lower Upper
95 100
174 84.8 0.0 170.0
176 83.5 0.0 166.2

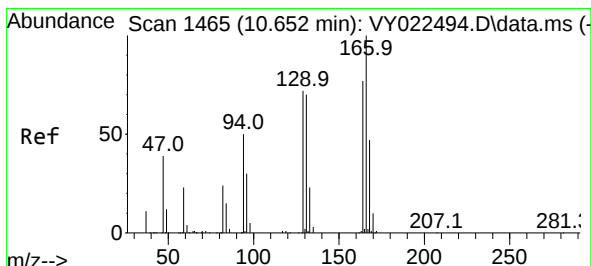
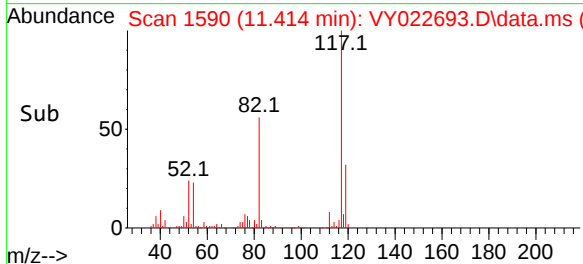
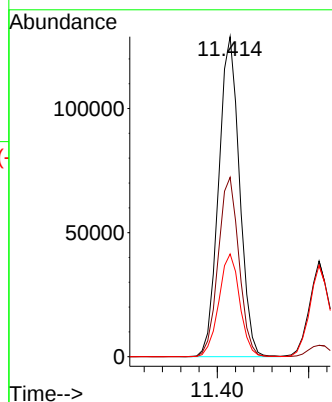
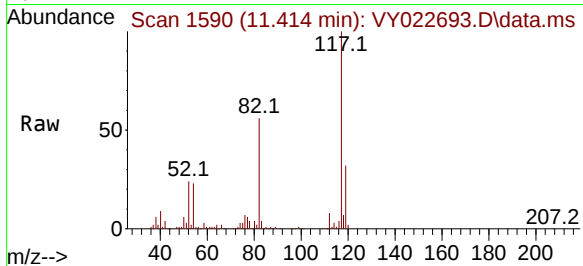




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

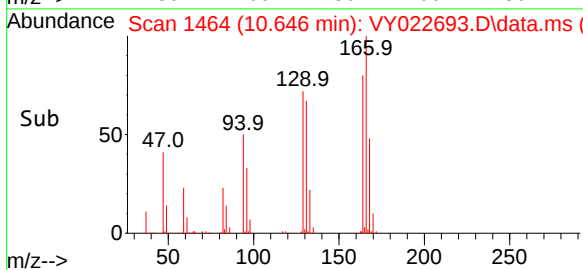
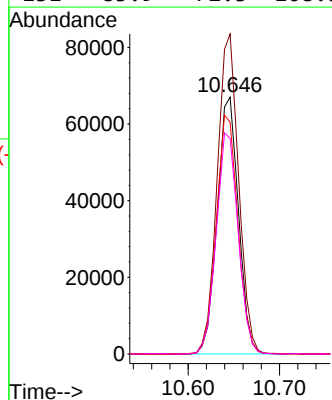
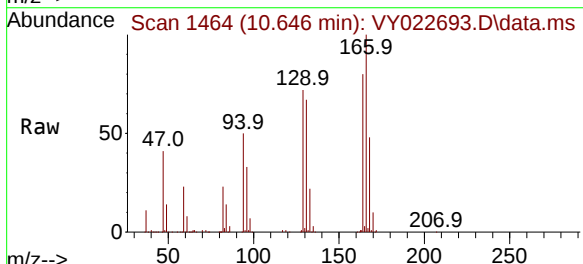
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

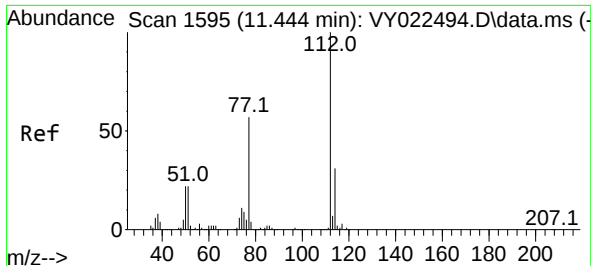
Tgt Ion:117 Resp: 204595
Ion Ratio Lower Upper
117 100
82 56.0 44.6 66.8
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 61.502 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion:164 Resp: 108240
Ion Ratio Lower Upper
164 100
166 124.6 104.0 156.0
129 90.3 74.5 111.7
131 83.9 72.3 108.5

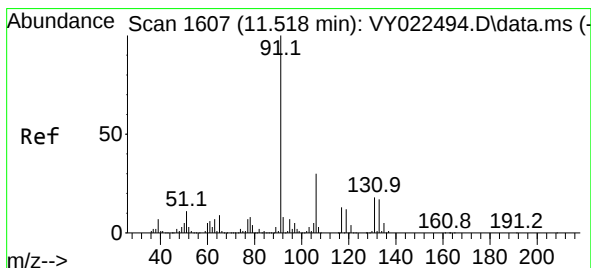
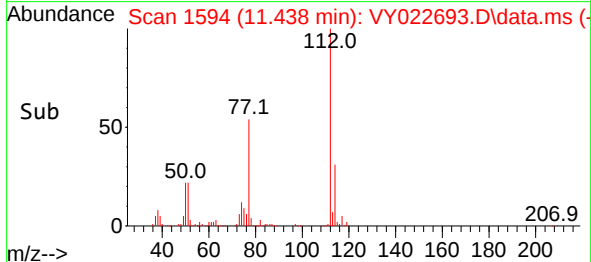
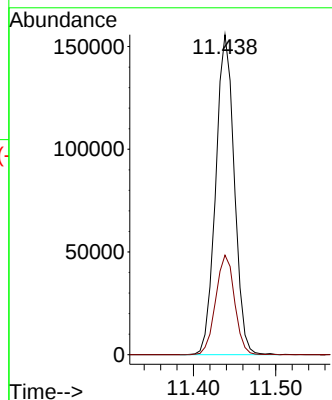
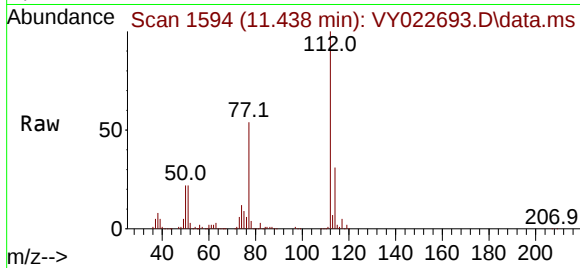




#65
Chlorobenzene
Concen: 53.983 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

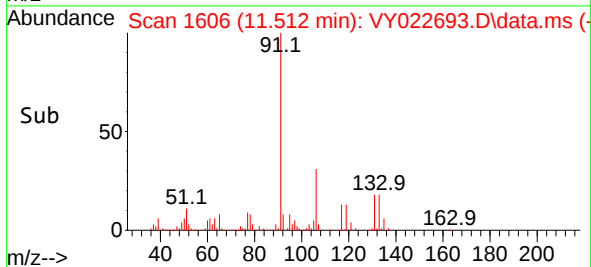
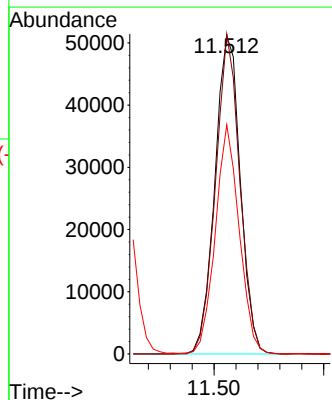
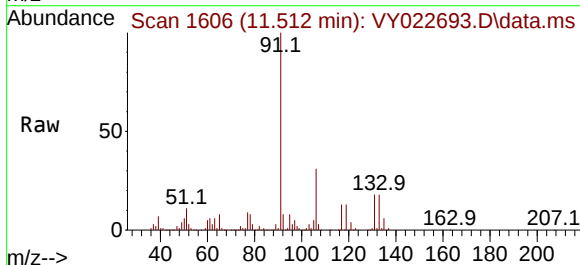
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 244405
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.002 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion:131 Resp: 82362
Ion Ratio Lower Upper
131 100
133 96.2 47.3 141.8
119 67.8 33.1 99.3





#67

Ethyl Benzene

Concen: 52.718 ug/l

RT: 11.512 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

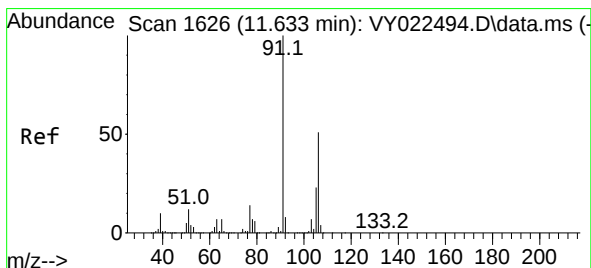
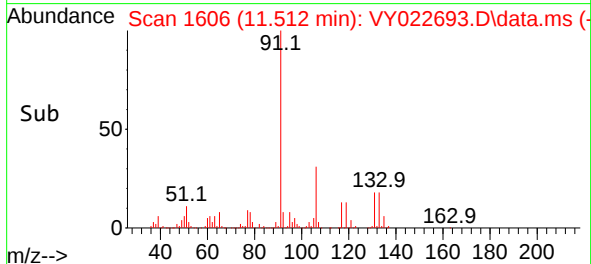
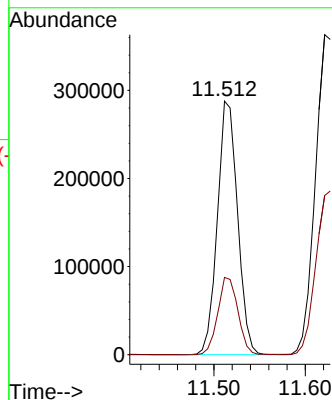
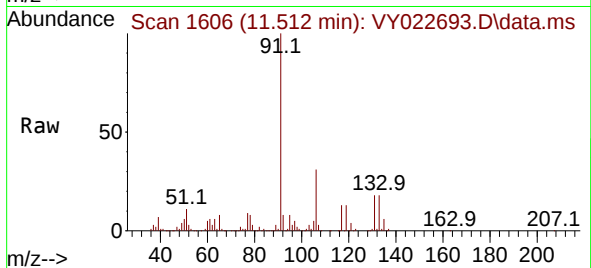
VSTDCCC050EC

Tgt Ion: 91 Resp: 442692

Ion Ratio Lower Upper

91 100

106 30.5 24.2 36.4



#68

m/p-Xylenes

Concen: 105.353 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022693.D

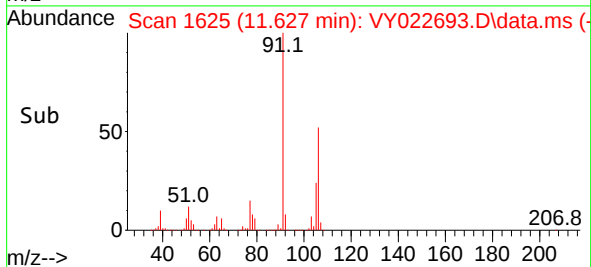
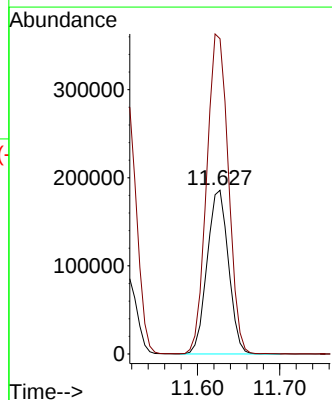
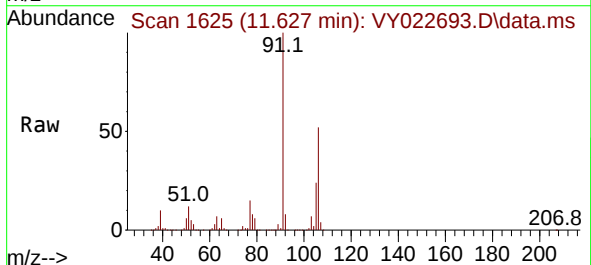
Acq: 13 Jun 2025 13:50

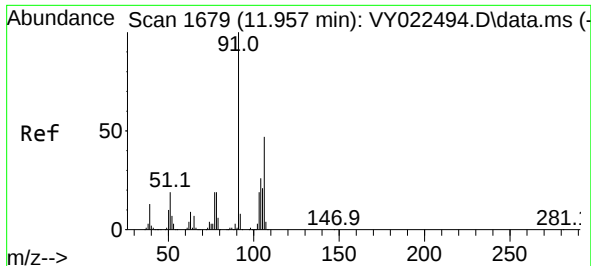
Tgt Ion:106 Resp: 335377

Ion Ratio Lower Upper

106 100

91 198.5 159.4 239.0

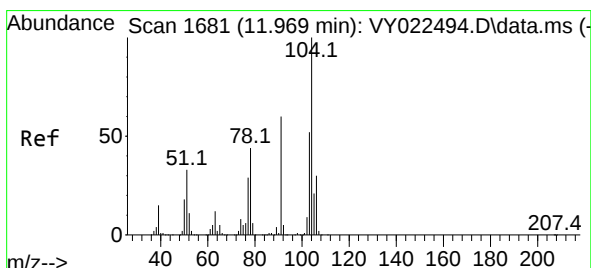
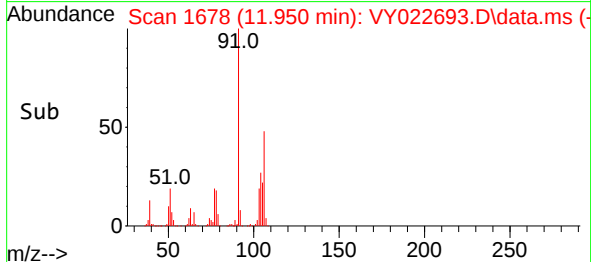
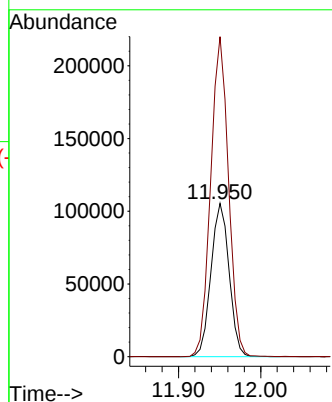
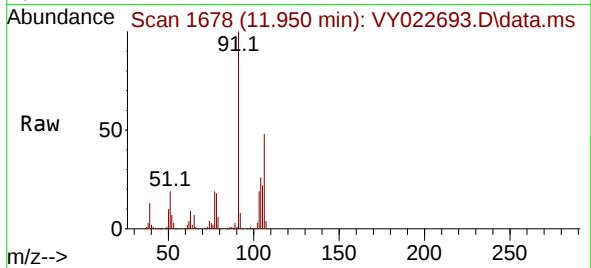




#69
o-Xylene
Concen: 54.031 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

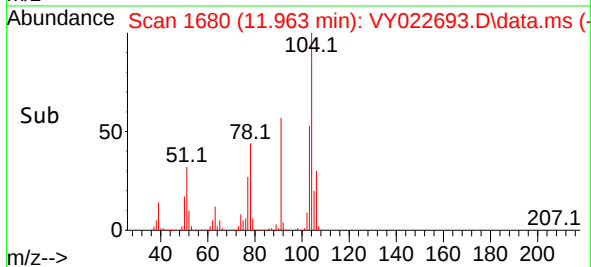
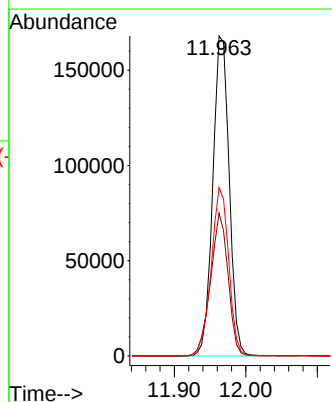
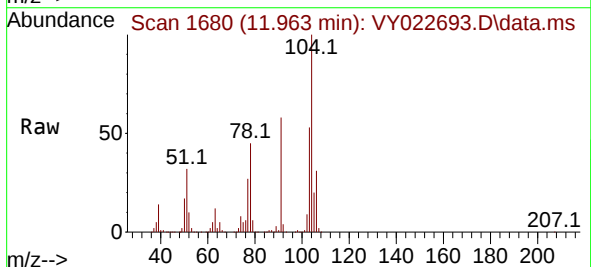
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 161263
Ion Ratio Lower Upper
106 100
91 205.7 105.8 317.3



#70
Styrene
Concen: 54.354 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion:104 Resp: 268157
Ion Ratio Lower Upper
104 100
78 47.5 39.5 59.3
103 56.2 44.1 66.1





#71

Bromoform

Concen: 54.378 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

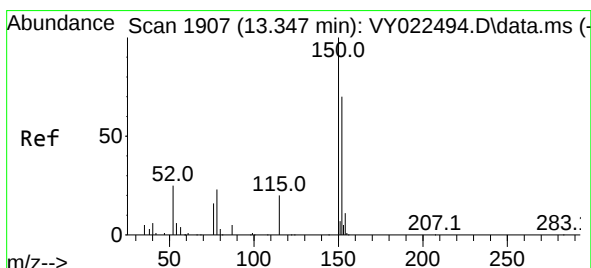
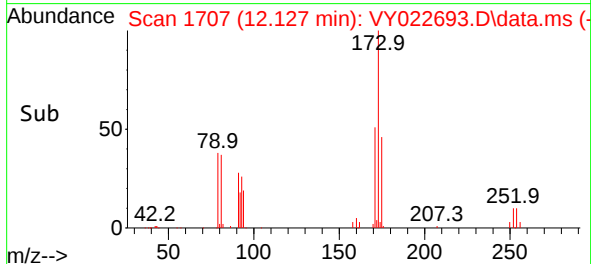
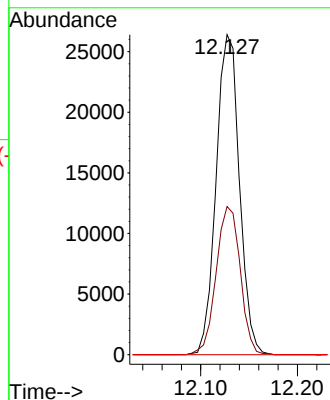
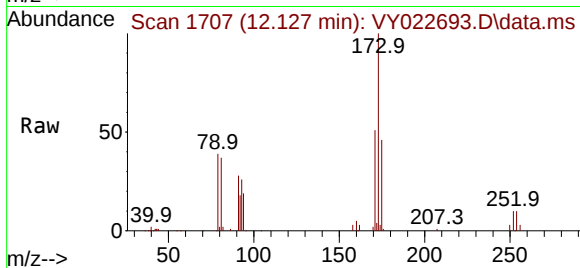
Tgt Ion:173 Resp: 44134

Ion Ratio Lower Upper

173 100

175 47.8 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: VY022693.D

Acq: 13 Jun 2025 13:50

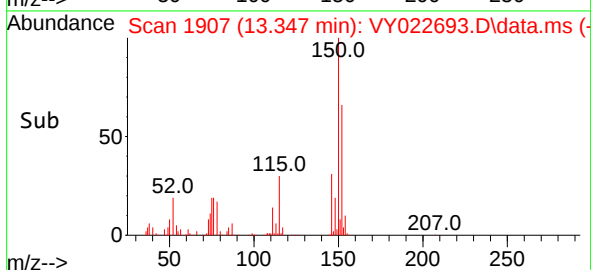
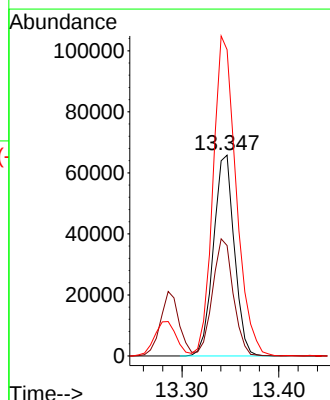
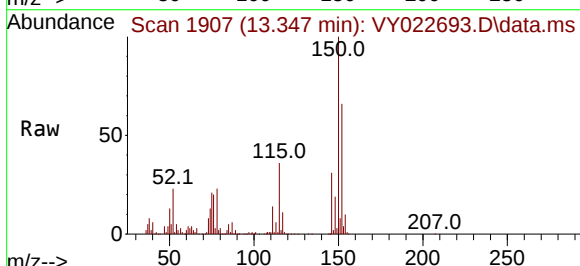
Tgt Ion:152 Resp: 98612

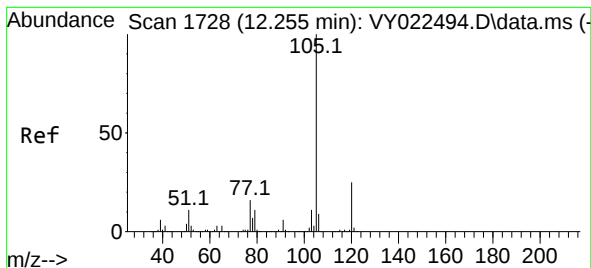
Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.7

150 176.7 0.0 349.6





#73

Isopropylbenzene

Concen: 50.547 ug/l

RT: 12.249 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

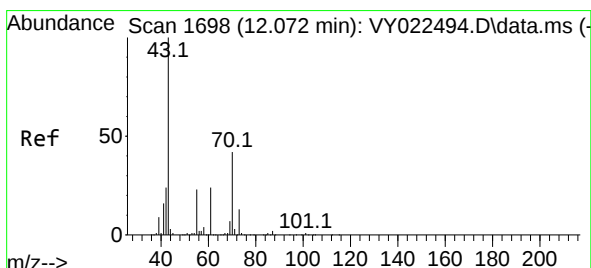
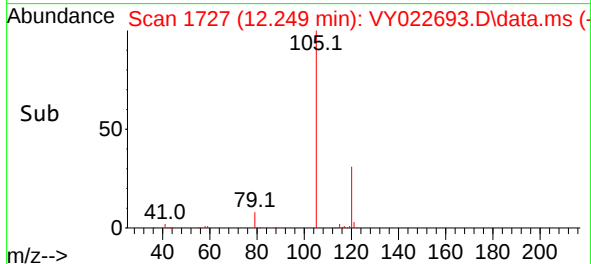
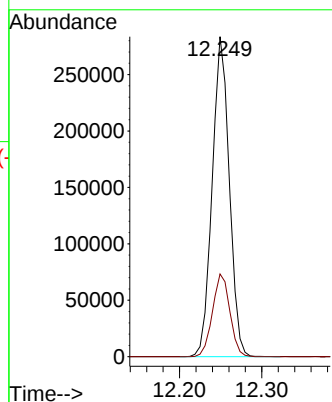
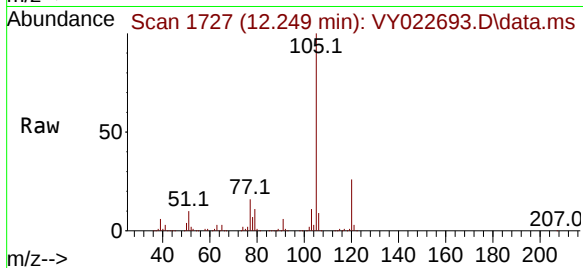
VSTDCCC050EC

Tgt Ion:105 Resp: 409228

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 50.280 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Tgt Ion: 43 Resp: 102711

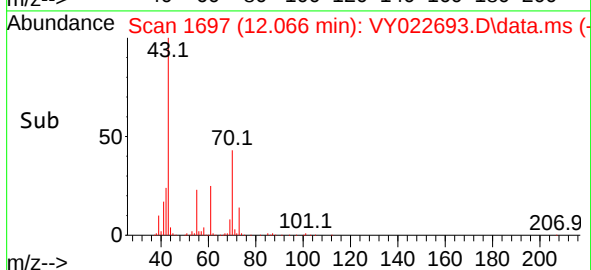
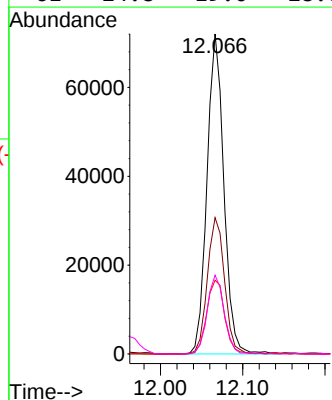
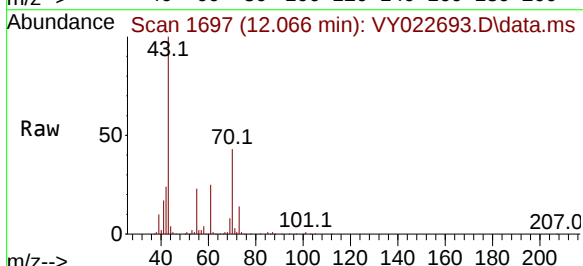
Ion Ratio Lower Upper

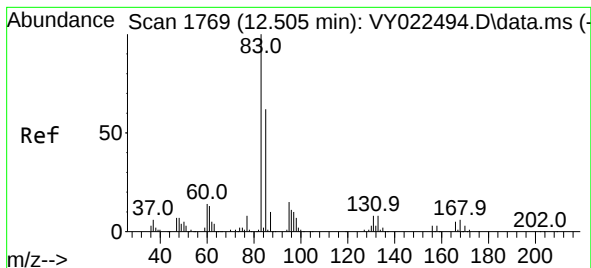
43 100

70 43.7 34.2 51.2

55 24.6 18.2 27.4

61 24.8 19.0 28.6

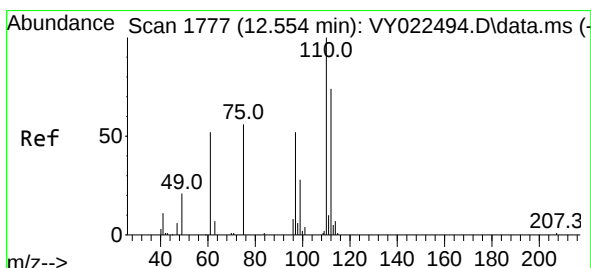
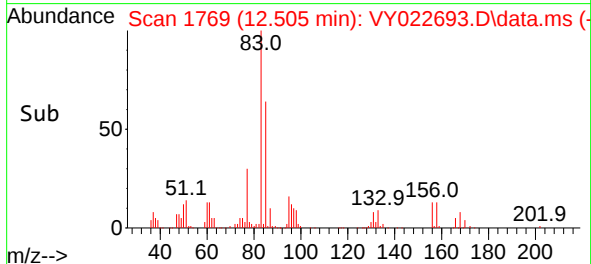
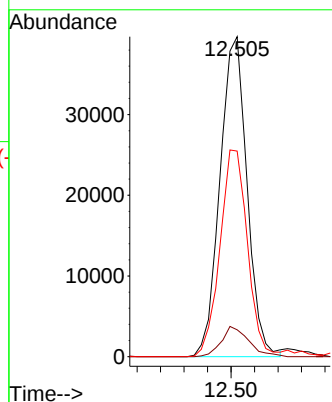
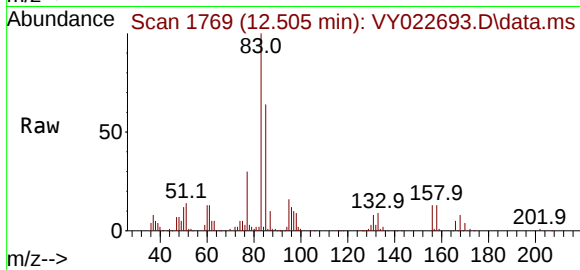




#75
1,1,2-Tetrachloroethane
Concen: 47.804 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

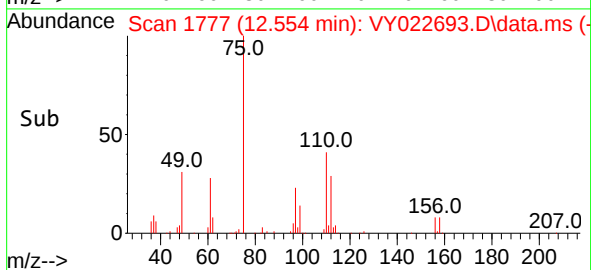
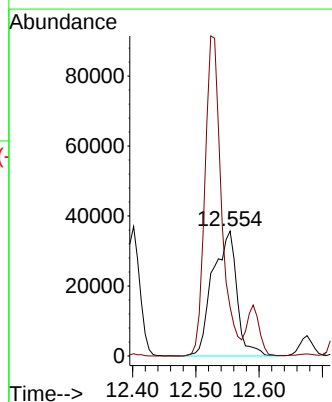
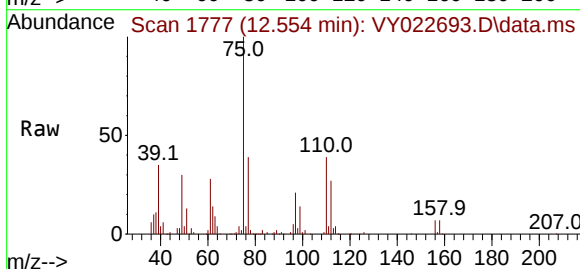
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

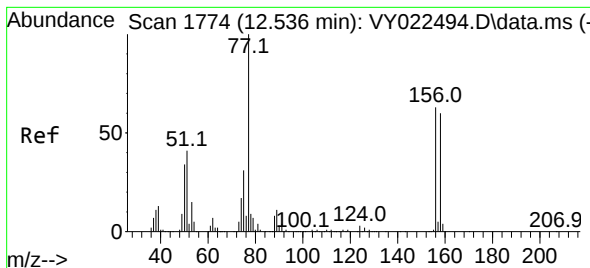
Tgt Ion: 83 Resp: 63520
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 65.6 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 84.270 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 75 Resp: 95070
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.076 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

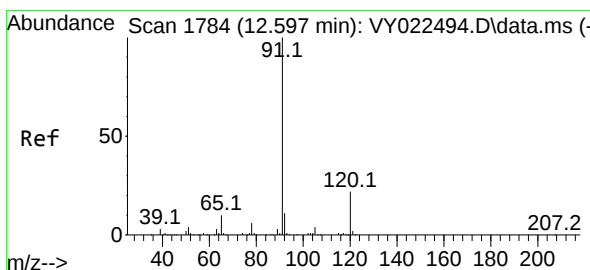
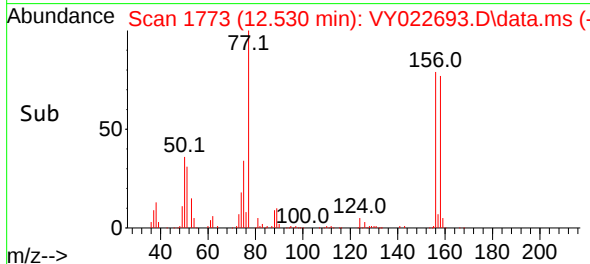
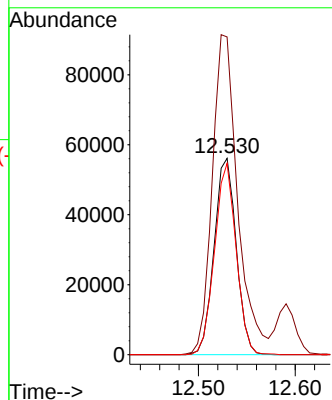
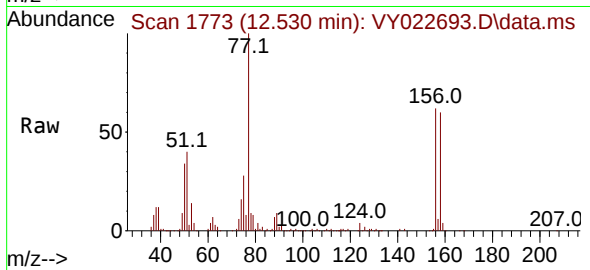
Tgt Ion:156 Resp: 88970

Ion Ratio Lower Upper

156 100

77 187.8 94.0 282.1

158 95.4 48.2 144.6



#78

n-propylbenzene

Concen: 50.651 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022693.D

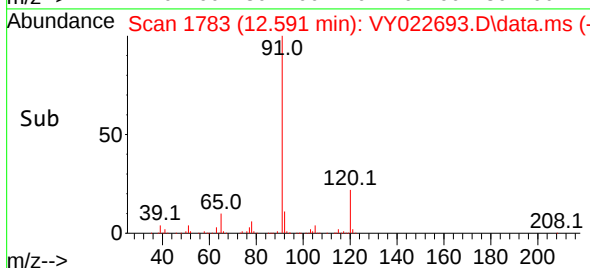
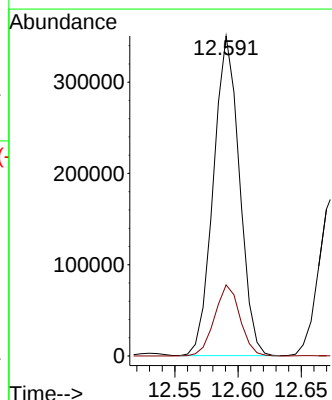
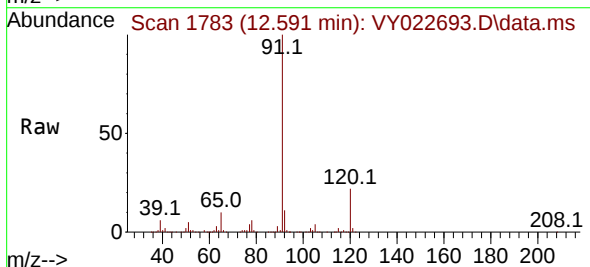
Acq: 13 Jun 2025 13:50

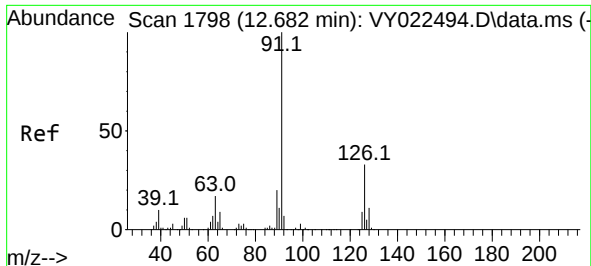
Tgt Ion: 91 Resp: 500863

Ion Ratio Lower Upper

91 100

120 21.7 10.8 32.4

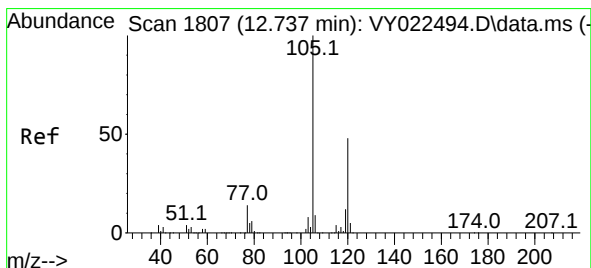
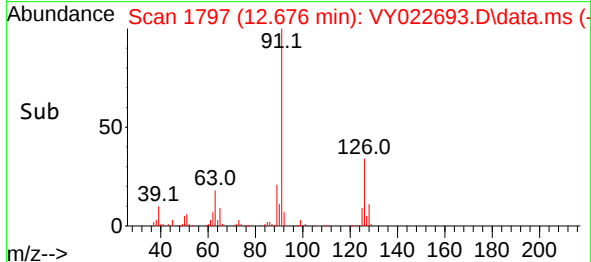
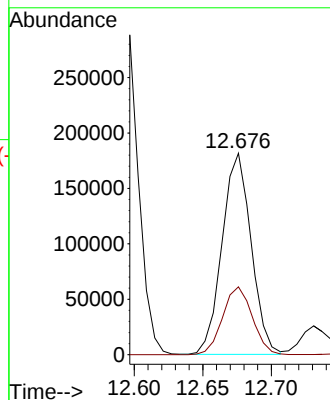
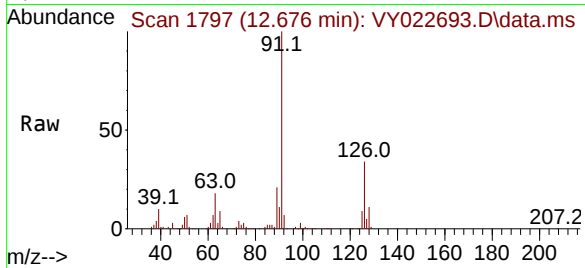




#79
2-Chlorotoluene
Concen: 51.170 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

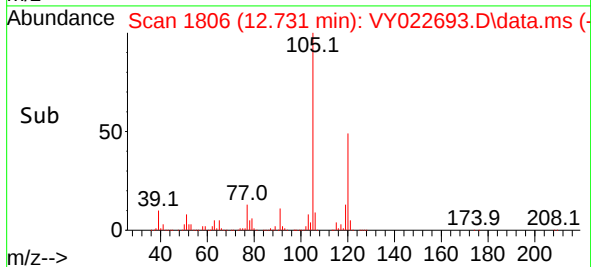
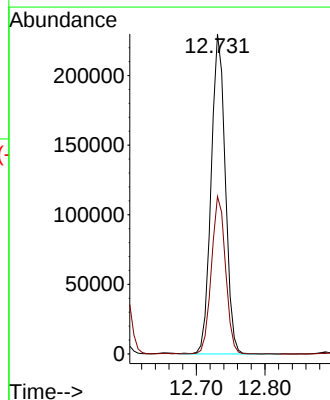
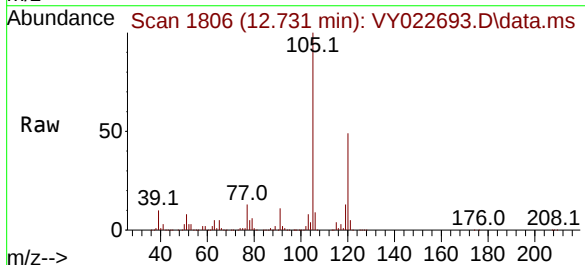
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

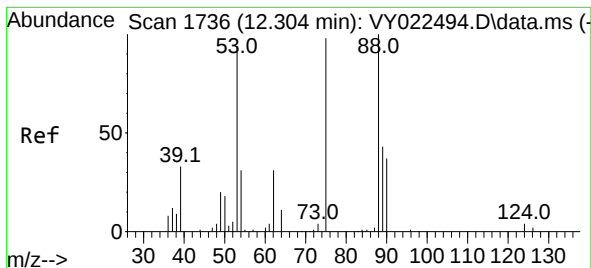
Tgt Ion: 91 Resp: 268179
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 51.865 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 105 Resp: 329659
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.4

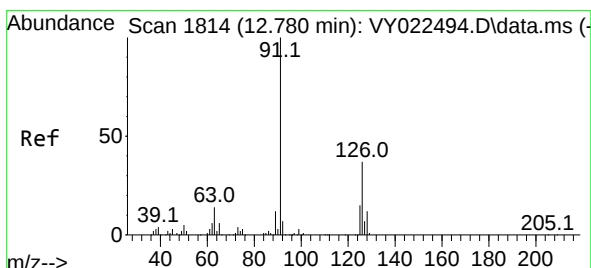
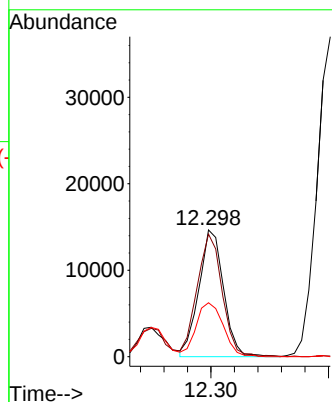
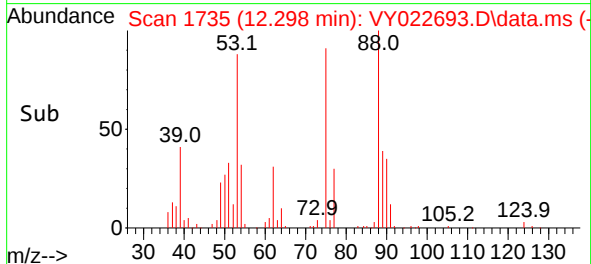
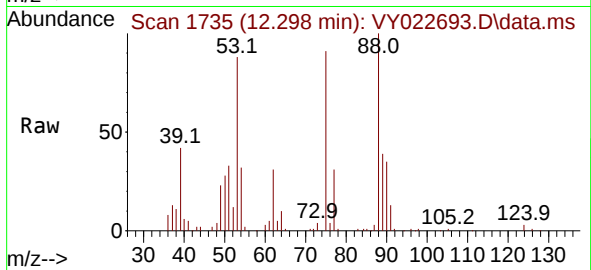




#81
trans-1,4-Dichloro-2-butene
Concen: 45.841 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

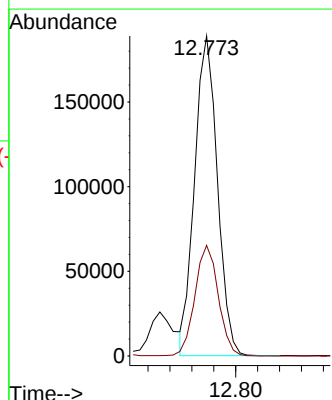
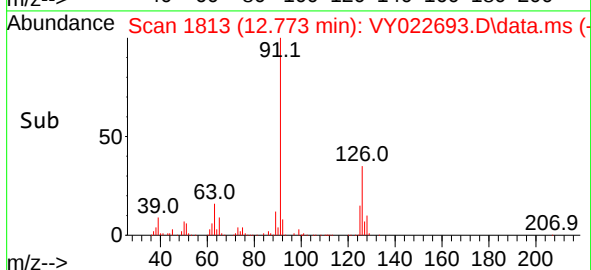
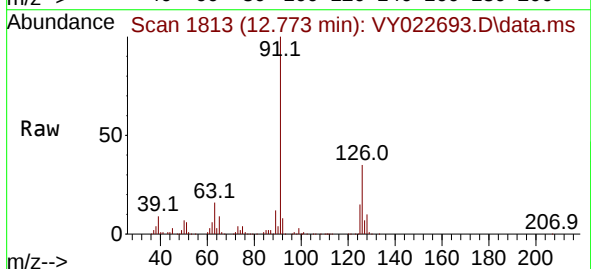
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

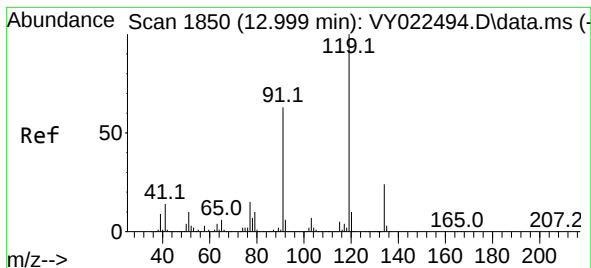
Tgt Ion: 75 Resp: 21415
Ion Ratio Lower Upper
75 100
53 98.4 78.5 117.7
89 46.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 50.313 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022693.D
Acq: 13 Jun 2025 13:50

Tgt Ion: 91 Resp: 272019
Ion Ratio Lower Upper
91 100
126 35.7 17.0 50.9





#83

tert-Butylbenzene

Concen: 50.553 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

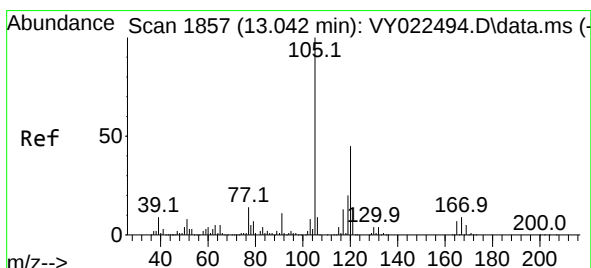
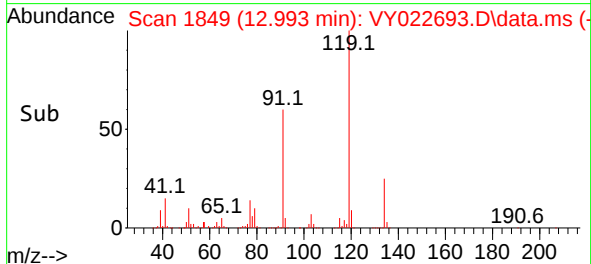
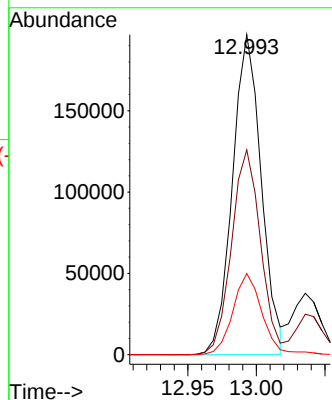
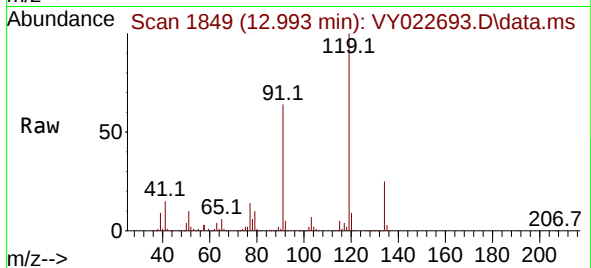
Tgt Ion:119 Resp: 288388

Ion Ratio Lower Upper

119 100

91 64.3 32.1 96.3

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.364 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY022693.D

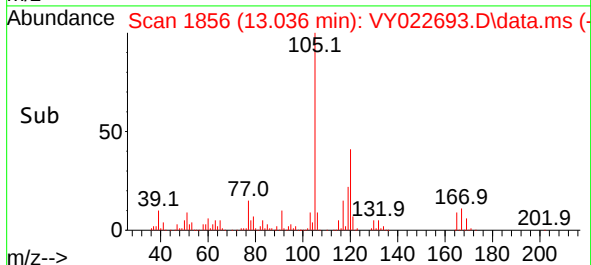
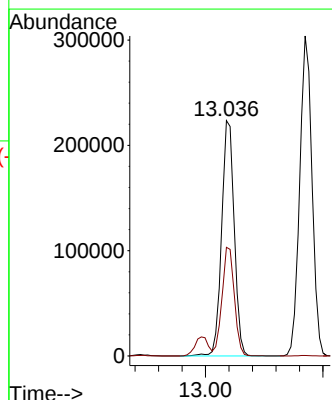
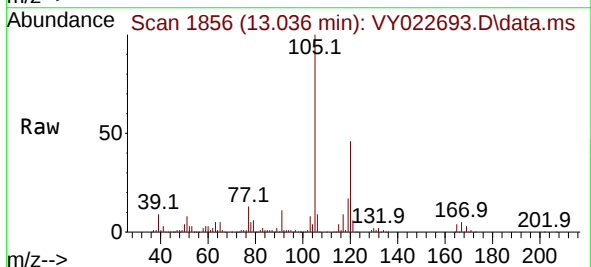
Acq: 13 Jun 2025 13:50

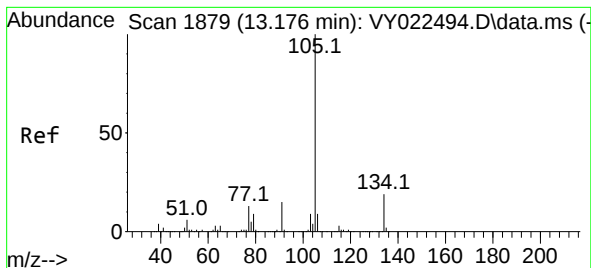
Tgt Ion:105 Resp: 332885

Ion Ratio Lower Upper

105 100

120 45.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 50.613 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

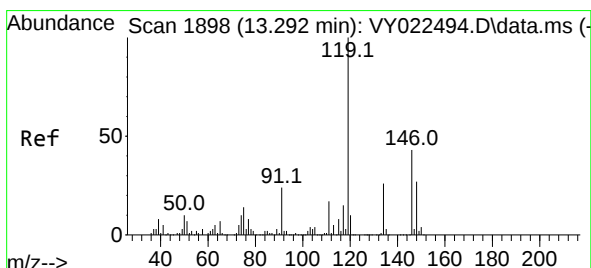
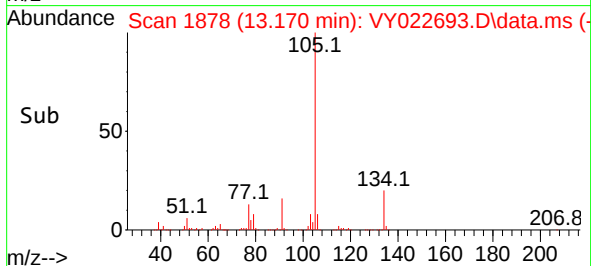
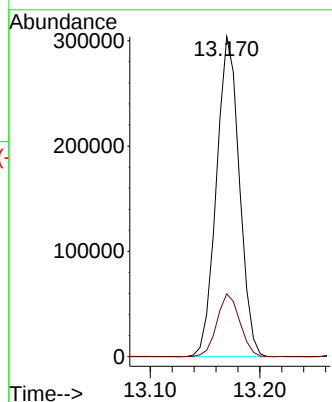
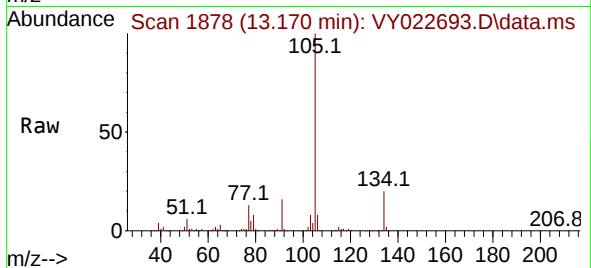
VSTDCCC050EC

Tgt Ion:105 Resp: 442202

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 51.103 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

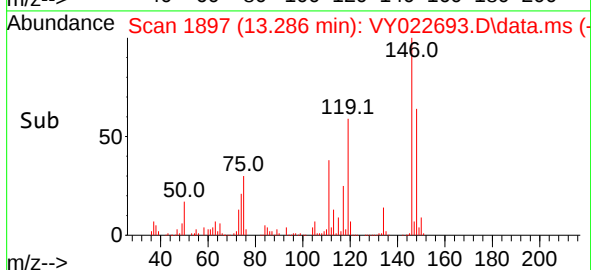
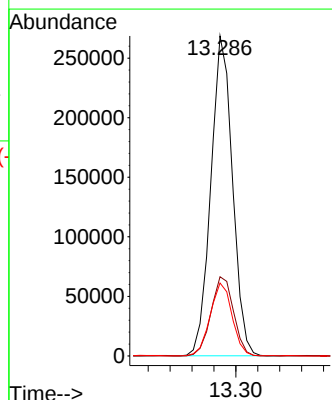
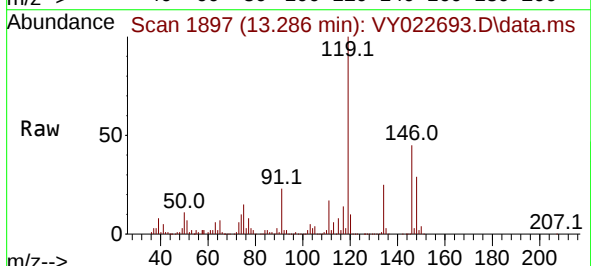
Tgt Ion:119 Resp: 368032

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.0 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 52.997 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

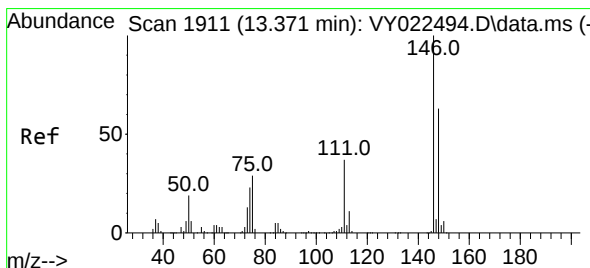
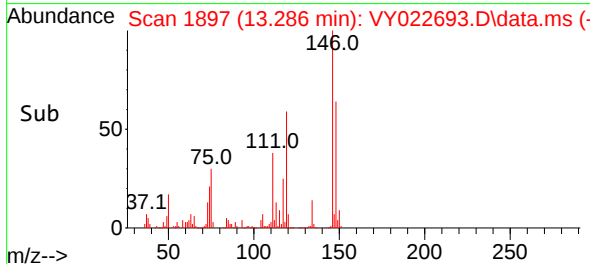
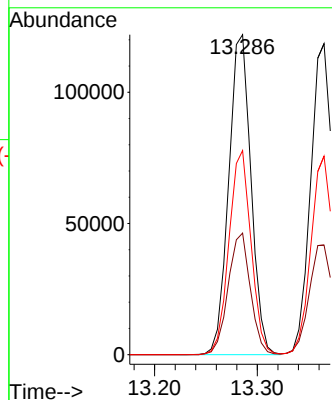
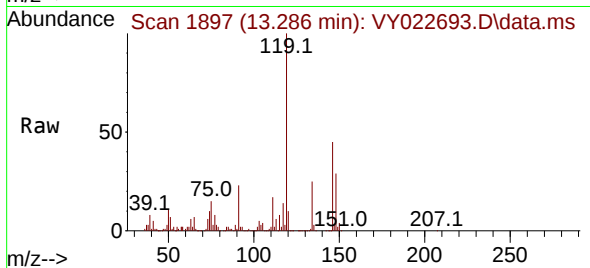
Tgt Ion:146 Resp: 183450

Ion Ratio Lower Upper

146 100

111 38.1 20.1 60.2

148 63.3 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 53.377 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

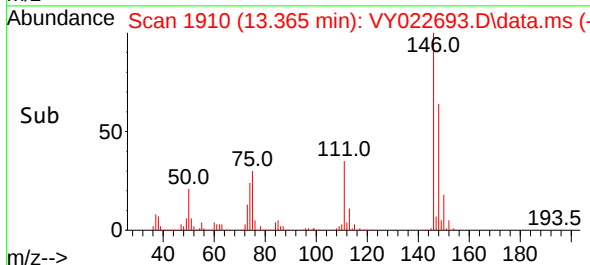
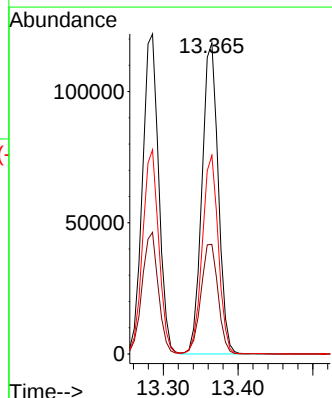
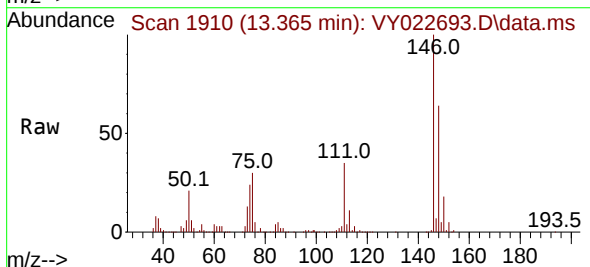
Tgt Ion:146 Resp: 179206

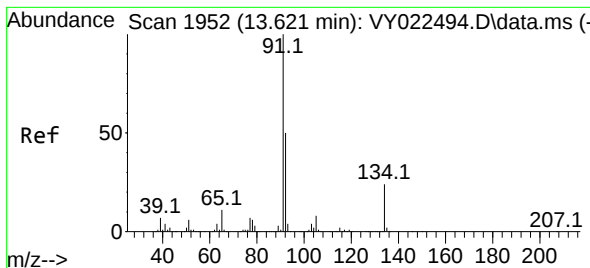
Ion Ratio Lower Upper

146 100

111 37.1 19.4 58.2

148 62.9 31.6 94.8





#89

n-Butylbenzene

Concen: 52.027 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

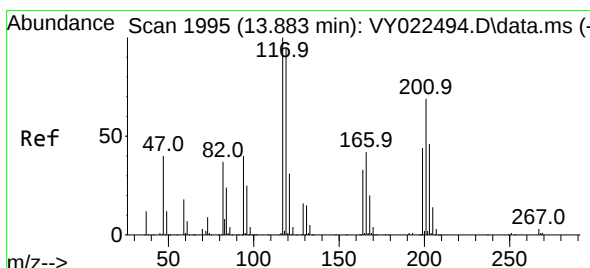
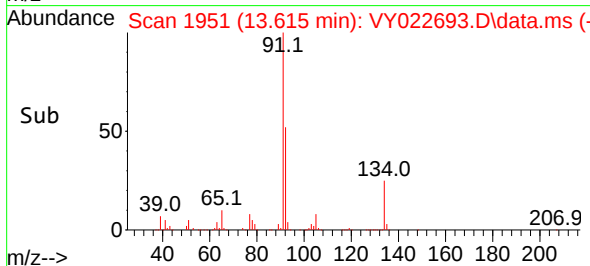
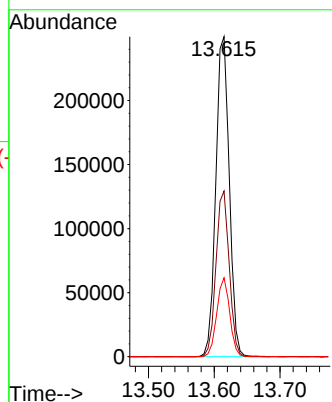
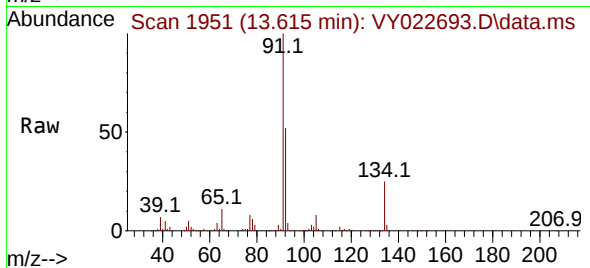
Tgt Ion: 91 Resp: 355487

Ion Ratio Lower Upper

91 100

92 51.0 25.9 77.8

134 23.7 12.0 36.1



#90

Hexachloroethane

Concen: 51.268 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022693.D

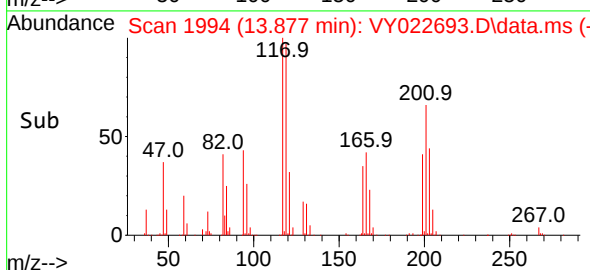
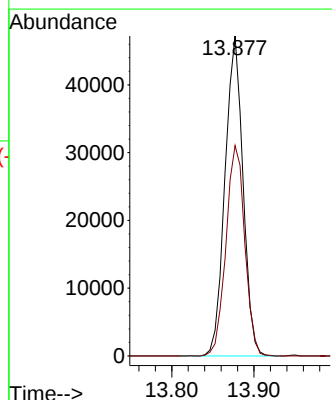
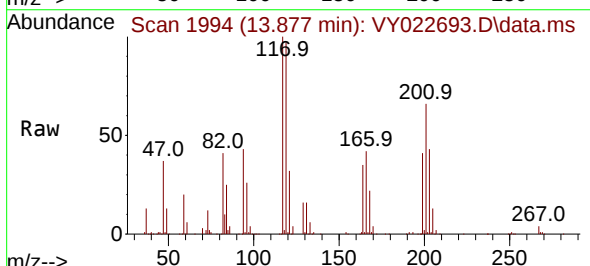
Acq: 13 Jun 2025 13:50

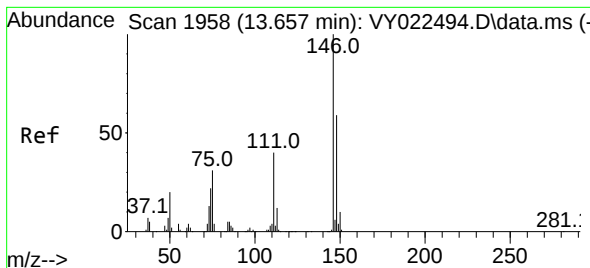
Tgt Ion: 117 Resp: 71880

Ion Ratio Lower Upper

117 100

201 68.8 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 53.316 ug/l

RT: 13.651 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

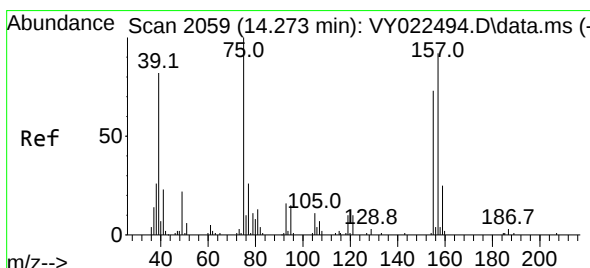
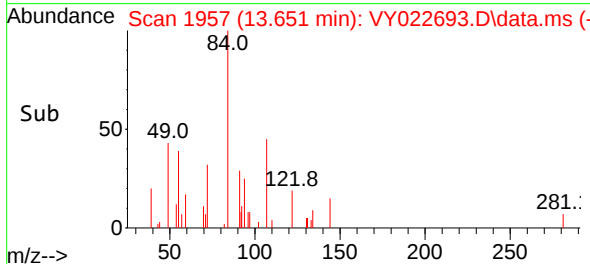
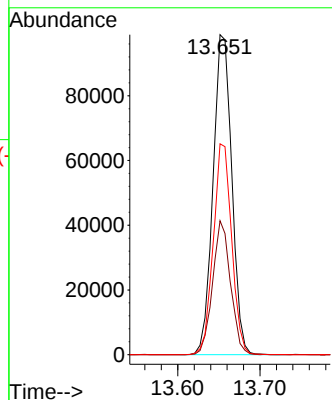
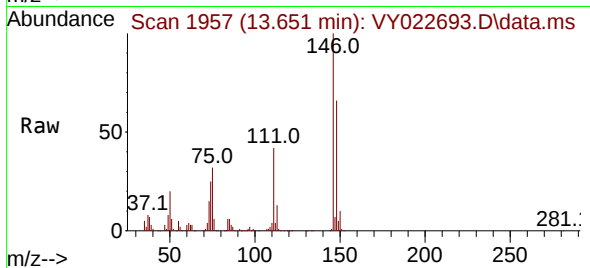
Tgt Ion:146 Resp: 156692

Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.6

148 64.6 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.386 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

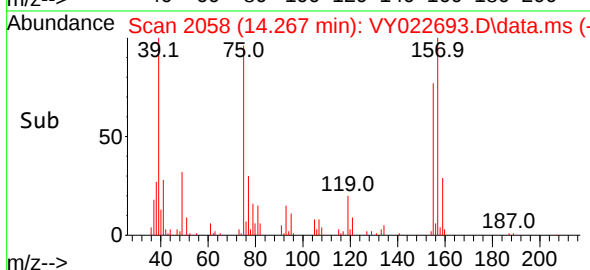
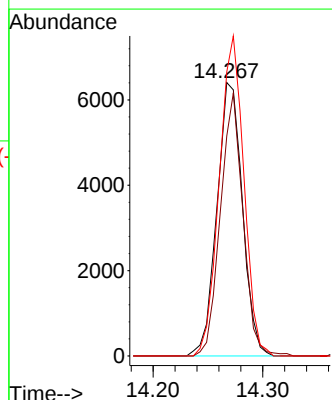
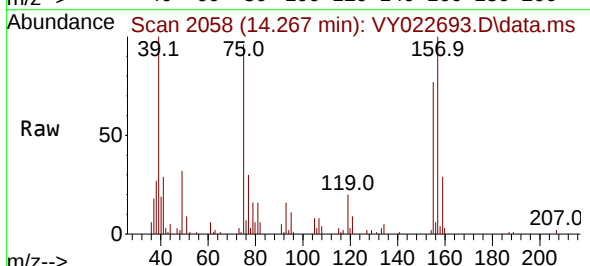
Tgt Ion: 75 Resp: 10328

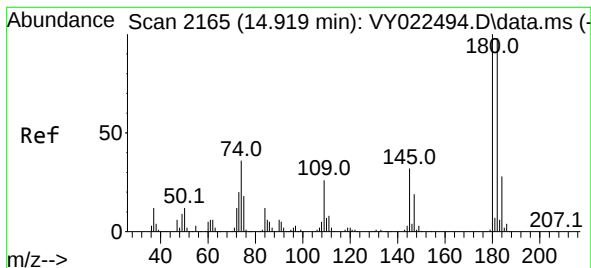
Ion Ratio Lower Upper

75 100

155 85.3 39.9 119.6

157 112.8 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 55.076 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

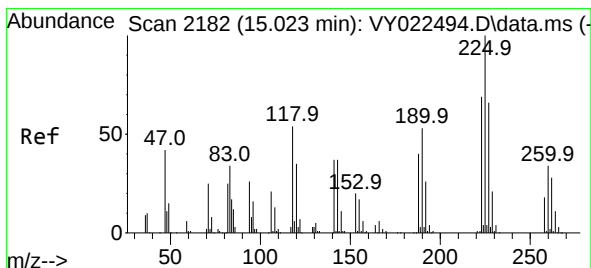
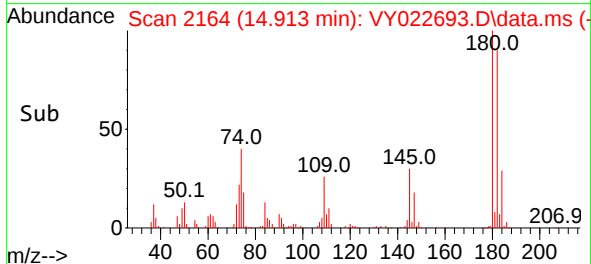
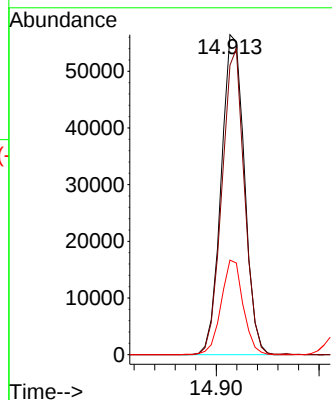
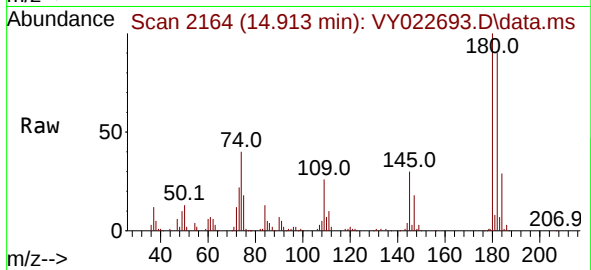
Tgt Ion:180 Resp: 88280

Ion Ratio Lower Upper

180 100

182 92.5 48.4 145.3

145 28.1 15.5 46.5



#94

Hexachlorobutadiene

Concen: 52.973 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

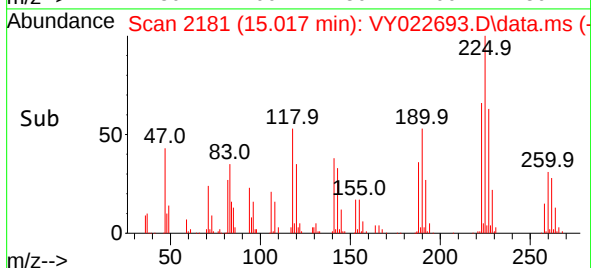
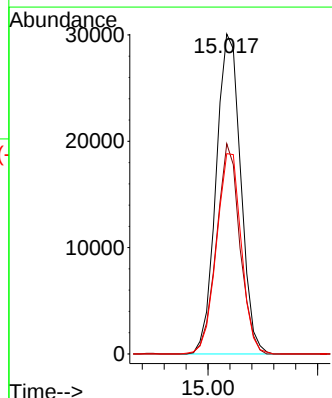
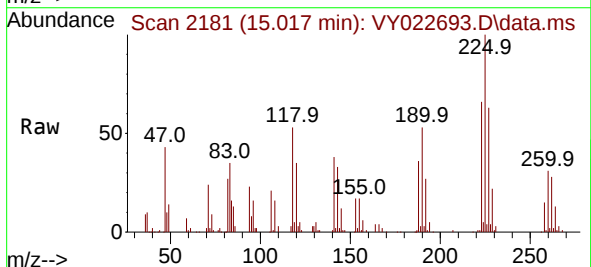
Tgt Ion:225 Resp: 46864

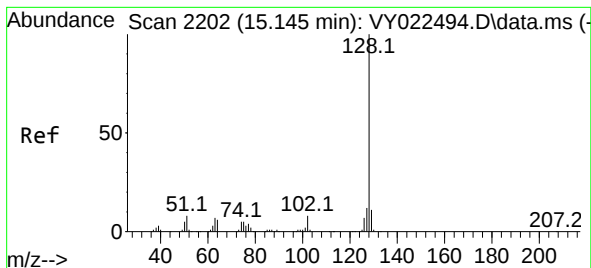
Ion Ratio Lower Upper

225 100

223 62.8 32.5 97.4

227 63.3 32.3 96.9





#95

Naphthalene

Concen: 54.696 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

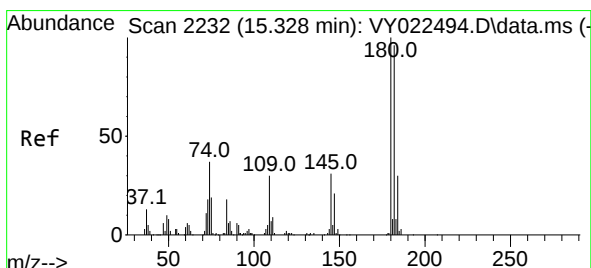
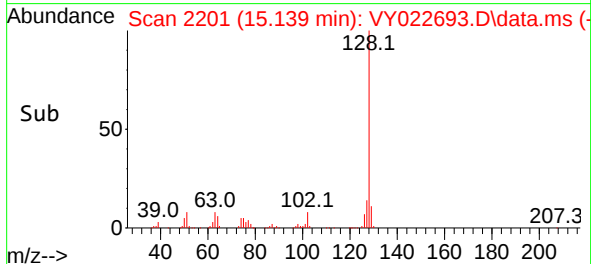
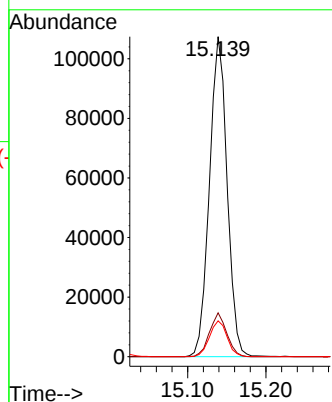
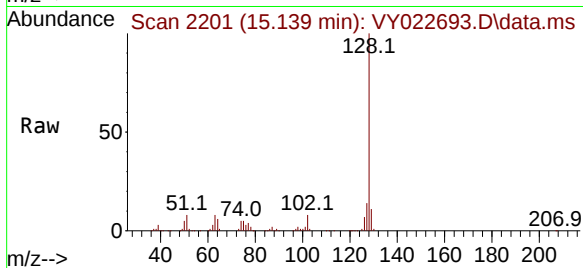
Tgt Ion:128 Resp: 168240

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 55.883 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022693.D

Acq: 13 Jun 2025 13:50

Tgt Ion:180 Resp: 76765

Ion Ratio Lower Upper

180 100

182 93.4 47.1 141.3

145 30.2 15.2 45.6

