

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021792.D
 Acq On : 04 Apr 2025 17:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 04 23:41:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	174293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	268405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	248171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	141740	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	93081	49.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.580%
35) Dibromofluoromethane	7.634	113	89783	51.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.140%
50) Toluene-d8	10.103	98	328405	49.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.408	95	121039	54.025	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	62640	34.675	ug/l	99
3) Chloromethane	2.068	50	96339	37.926	ug/l	100
4) Vinyl Chloride	2.202	62	116025	40.388	ug/l	97
5) Bromomethane	2.592	94	80538	41.105	ug/l	100
6) Chloroethane	2.733	64	82750	44.021	ug/l	96
7) Trichlorofluoromethane	3.056	101	168626	45.822	ug/l	98
8) Diethyl Ether	3.452	74	47435	47.399	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	96948	49.950	ug/l	99
10) Methyl Iodide	4.001	142	97802	45.932	ug/l	100
11) Tert butyl alcohol	4.866	59	29874	243.556	ug/l #	84
12) 1,1-Dichloroethene	3.787	96	83387	45.612	ug/l	95
13) Acrolein	3.647	56	1776	7.930	ug/l	94
14) Allyl chloride	4.385	41	138265	47.435	ug/l	99
15) Acrylonitrile	5.061	53	111919	267.842	ug/l	100
16) Acetone	3.873	43	83270	215.455	ug/l	99
17) Carbon Disulfide	4.104	76	228452	37.940	ug/l	100
18) Methyl Acetate	4.385	43	73615	76.853	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	231989	50.970	ug/l	100
20) Methylene Chloride	4.616	84	100684	53.510	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	95054	47.223	ug/l	97
22) Diisopropyl ether	6.019	45	321680	52.609	ug/l	99
23) Vinyl Acetate	5.958	43	852883	238.431	ug/l	99
24) 1,1-Dichloroethane	5.915	63	183690	50.240	ug/l	99
25) 2-Butanone	6.896	43	139355	252.446	ug/l	99
26) 2,2-Dichloropropane	6.884	77	150953	46.414	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	113782	50.266	ug/l	99
28) Bromochloromethane	7.244	49	76527	49.629	ug/l	99
29) Tetrahydrofuran	7.262	42	94257	265.308	ug/l	100
30) Chloroform	7.421	83	195921	51.519	ug/l	96
31) Cyclohexane	7.701	56	150188	45.062	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	174309	50.714	ug/l	100
36) 1,1-Dichloropropene	7.835	75	132692	50.035	ug/l	99
37) Ethyl Acetate	6.988	43	64748	51.733	ug/l	99
38) Carbon Tetrachloride	7.817	117	155663	51.249	ug/l	99
39) Methylcyclohexane	9.109	83	161325	50.922	ug/l	99
40) Benzene	8.079	78	405446	51.051	ug/l	99

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 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	34626	52.095	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	115981	51.801	ug/l	100
43) Isopropyl Acetate	8.195	43	124209	52.369	ug/l	99
44) Trichloroethene	8.866	130	105036	51.907	ug/l	99
45) 1,2-Dichloropropane	9.140	63	100494	53.457	ug/l	98
46) Dibromomethane	9.231	93	57879	53.422	ug/l	96
47) Bromodichloromethane	9.420	83	151198	53.857	ug/l	98
48) Methyl methacrylate	9.219	41	59783	54.919	ug/l	99
49) 1,4-Dioxane	9.231	88	12102	1042.700	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	352592	285.663	ug/l	99
52) Toluene	10.170	92	260277	52.527	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	131936	52.910	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	152131	51.714	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	78322	56.175	ug/l	96
56) Ethyl methacrylate	10.439	69	101856	57.212	ug/l	99
57) 1,3-Dichloropropane	10.719	76	130252	54.092	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	256125	294.907	ug/l	99
59) 2-Hexanone	10.762	43	237017	288.335	ug/l	99
60) Dibromochloromethane	10.914	129	107386	56.412	ug/l	99
61) 1,2-Dibromoethane	11.012	107	71249	54.475	ug/l	100
64) Tetrachloroethene	10.646	164	115433	51.070	ug/l	98
65) Chlorobenzene	11.438	112	288107	50.644	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	105444	52.241	ug/l	99
67) Ethyl Benzene	11.518	91	504722	51.739	ug/l	100
68) m/p-Xylenes	11.627	106	385465	103.189	ug/l	100
69) o-Xylene	11.957	106	181127	52.528	ug/l	99
70) Styrene	11.969	104	310624	54.028	ug/l	99
71) Bromoform	12.133	173	62495	54.280	ug/l #	100
73) Isopropylbenzene	12.255	105	490199	46.563	ug/l	100
74) N-amyl acetate	12.072	43	110051	44.542	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	86820	45.870	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	117171	83.395	ug/l #	100
77) Bromobenzene	12.530	156	115240	45.591	ug/l	99
78) n-propylbenzene	12.597	91	601889	47.555	ug/l	100
79) 2-Chlorotoluene	12.682	91	337495	45.910	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	405133	47.086	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	26232	43.020	ug/l	90
82) 4-Chlorotoluene	12.780	91	353167	46.082	ug/l	99
83) tert-Butylbenzene	12.999	119	368560	48.092	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	407964	47.974	ug/l	99
85) sec-Butylbenzene	13.176	105	545612	48.717	ug/l	100
86) p-Isopropyltoluene	13.292	119	453488	48.991	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	233593	46.907	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	229501	46.644	ug/l	99
89) n-Butylbenzene	13.615	91	419749	49.033	ug/l	99
90) Hexachloroethane	13.877	117	95647	47.153	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	205263	47.349	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14291	48.715	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	117675	50.055	ug/l	99
94) Hexachlorobutadiene	15.023	225	74539	50.768	ug/l	97
95) Naphthalene	15.145	128	211567	54.294	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	103426	51.591	ug/l	100

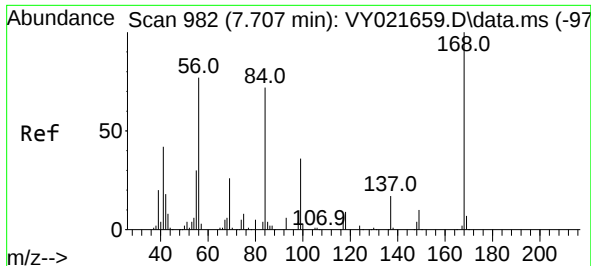
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
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Response via : Initial Calibration

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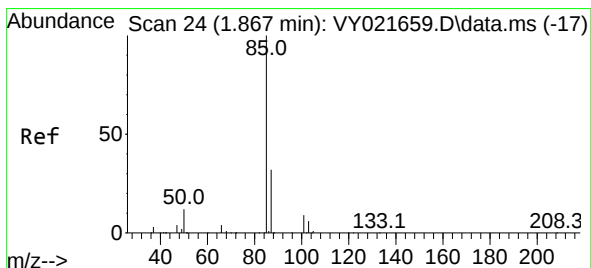
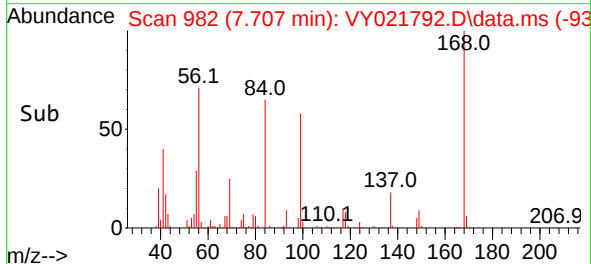
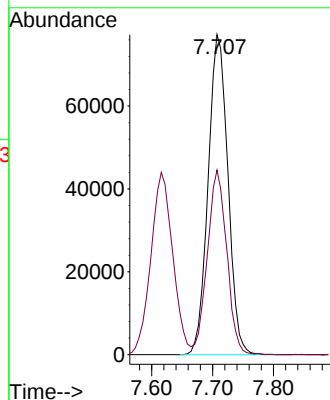
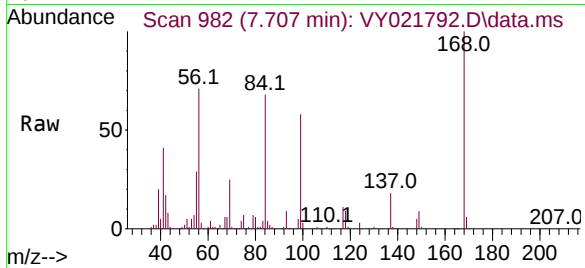
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021792.D
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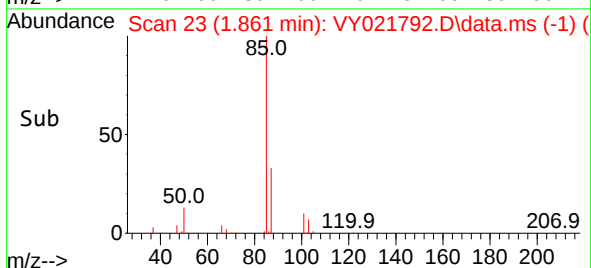
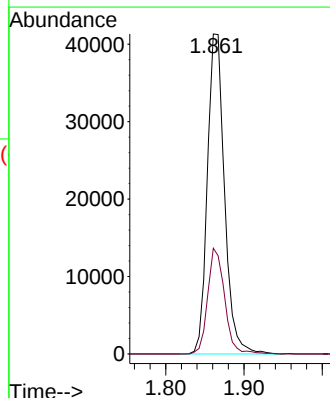
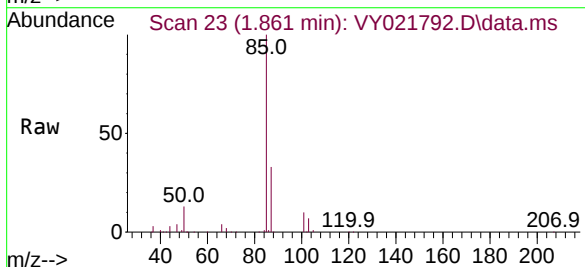
Instrument :
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ClientSampleId :
VSTDCCC050EC

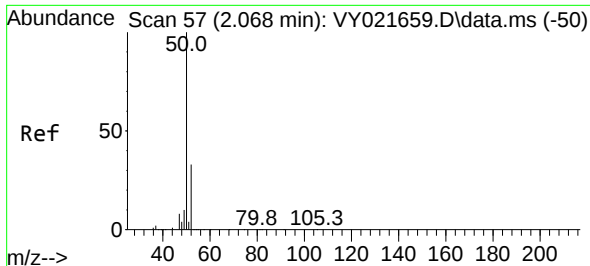
Tgt Ion:168 Resp: 174293
Ion Ratio Lower Upper
168 100
99 57.7 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 34.675 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 85 Resp: 62640
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6

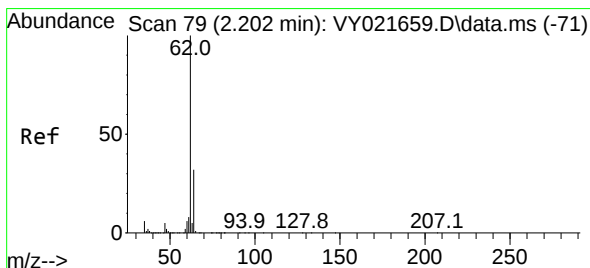
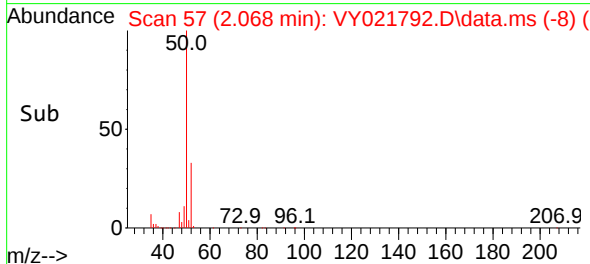
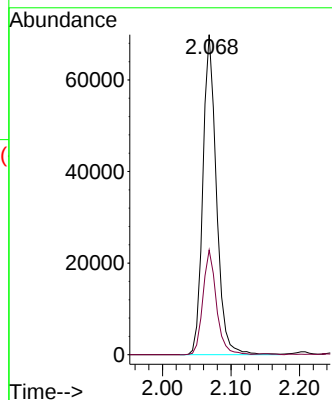
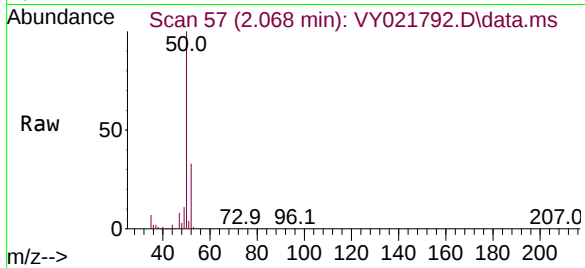




#3
Chloromethane
Concen: 37.926 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

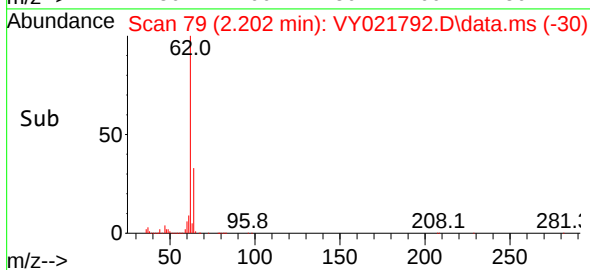
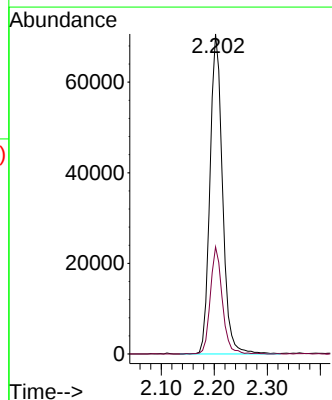
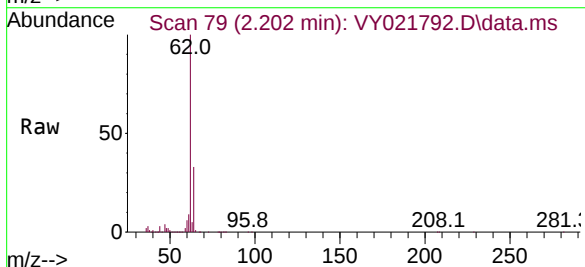
Instrument :
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ClientSampleId :
VSTDCCC050EC

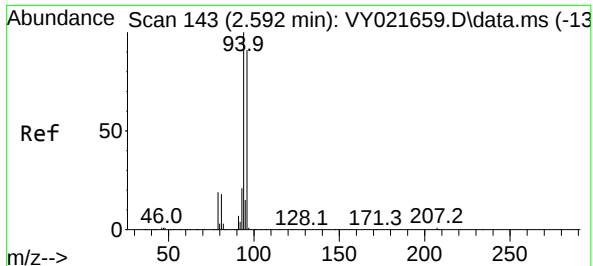
Tgt Ion: 50 Resp: 96339
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5



#4
Vinyl Chloride
Concen: 40.388 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 62 Resp: 116025
Ion Ratio Lower Upper
62 100
64 33.5 25.5 38.3

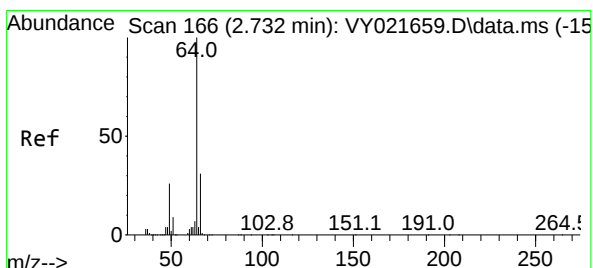
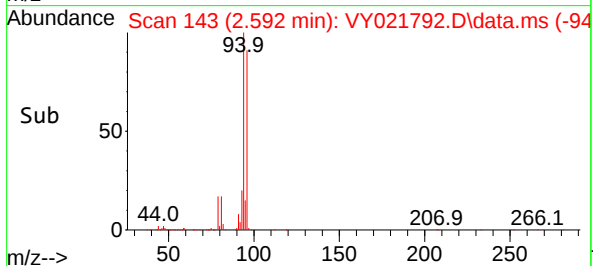
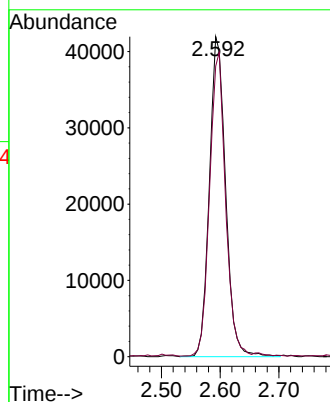
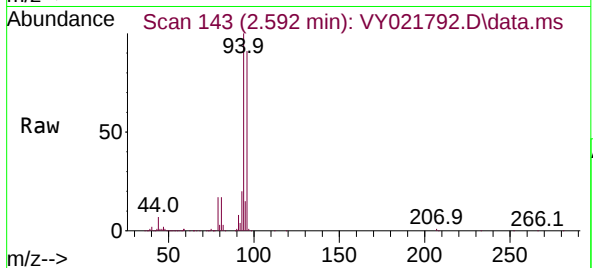




#5
Bromomethane
Concen: 41.105 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

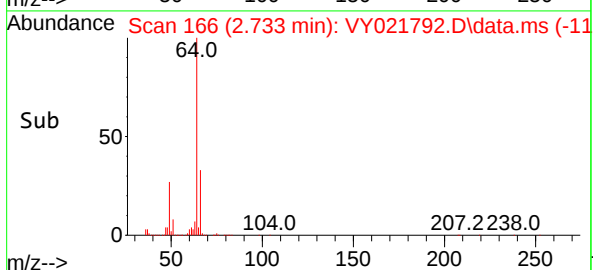
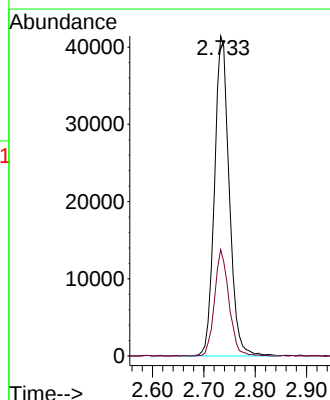
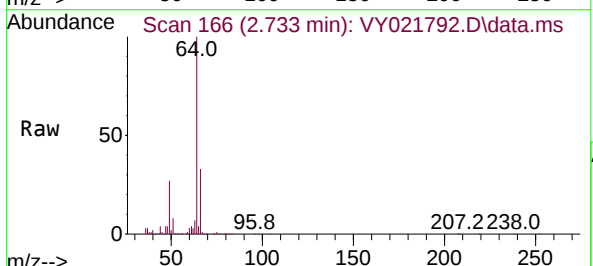
Instrument :
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Tgt Ion: 94 Resp: 80538
Ion Ratio Lower Upper
94 100
96 90.6 72.8 109.2



#6
Chloroethane
Concen: 44.021 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 64 Resp: 82750
Ion Ratio Lower Upper
64 100
66 33.2 24.9 37.3

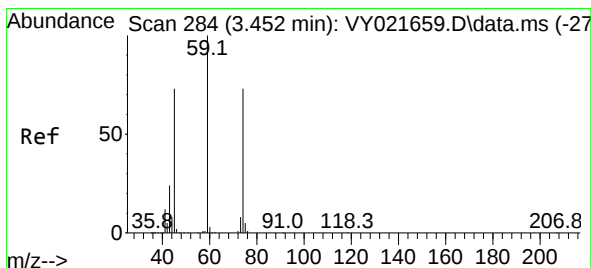
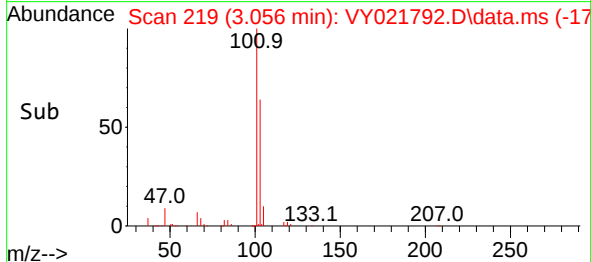
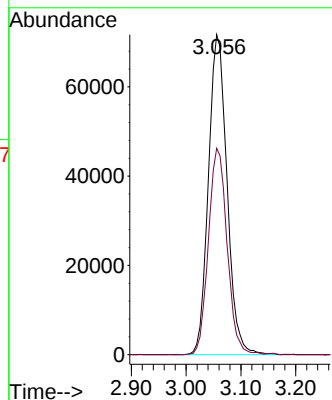
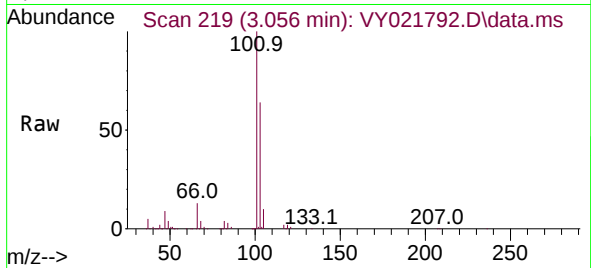




#7
 Trichlorofluoromethane
 Concen: 45.822 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021792.D
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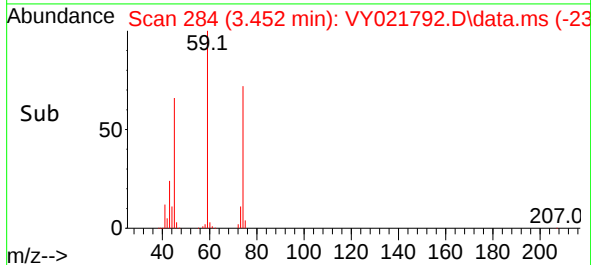
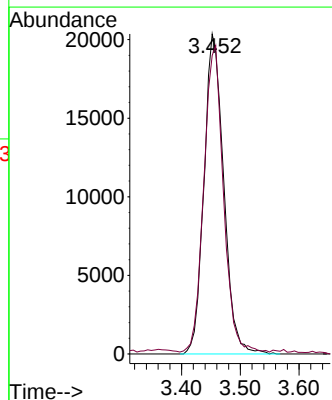
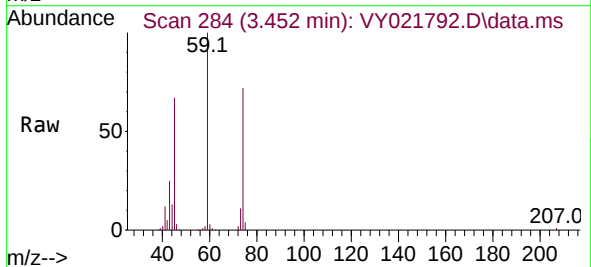
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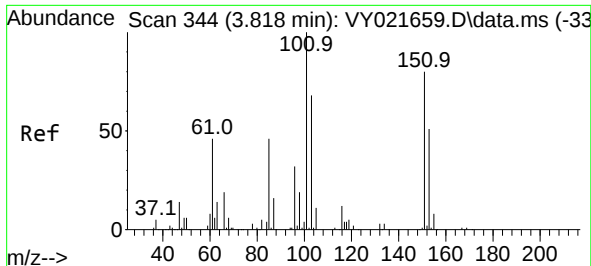
Tgt Ion:101 Resp: 168626
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.1 79.7



#8
 Diethyl Ether
 Concen: 47.399 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021792.D
 Acq: 04 Apr 2025 17:44

Tgt Ion: 74 Resp: 47435
 Ion Ratio Lower Upper
 74 100
 45 95.3 48.6 145.8

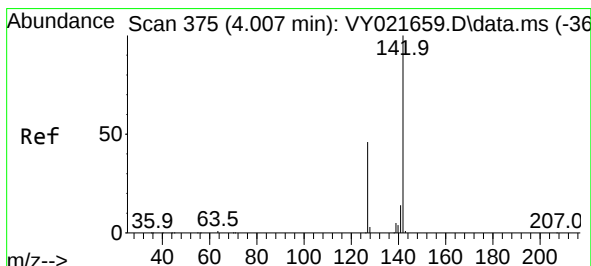
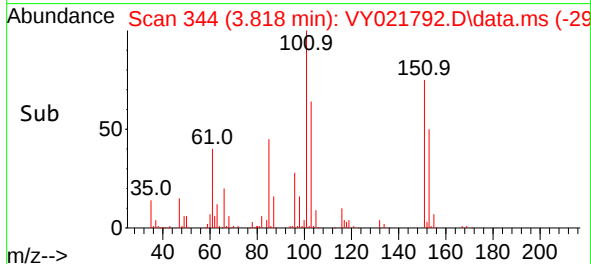
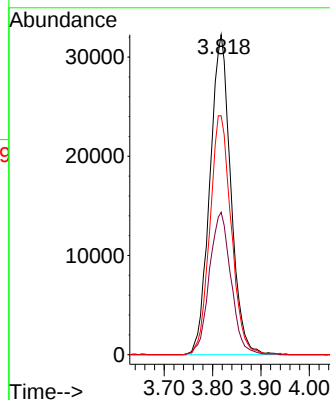
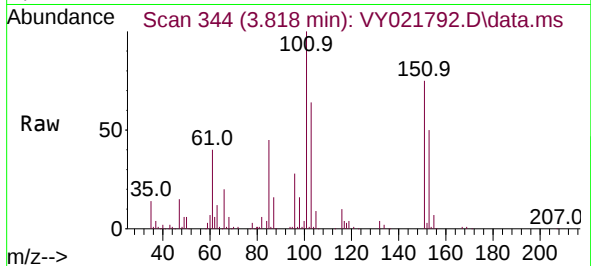




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.950 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021792.D
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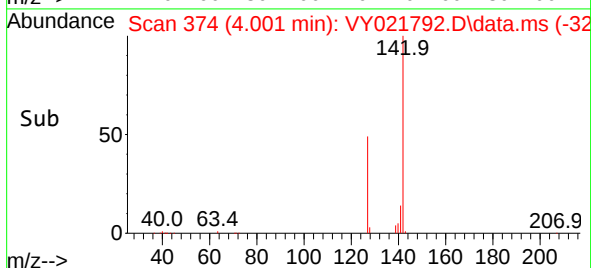
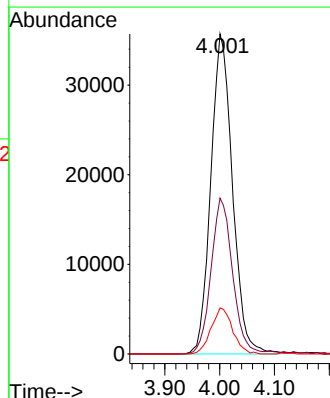
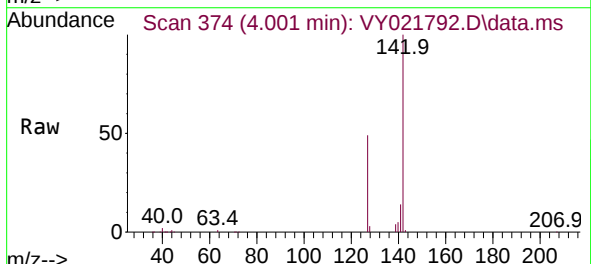
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 96948
Ion Ratio Lower Upper
101 100
85 46.0 36.3 54.5
151 76.3 61.3 91.9



#10
Methyl Iodide
Concen: 45.932 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion:142 Resp: 97802
Ion Ratio Lower Upper
142 100
127 48.2 38.7 58.1
141 14.3 11.5 17.3

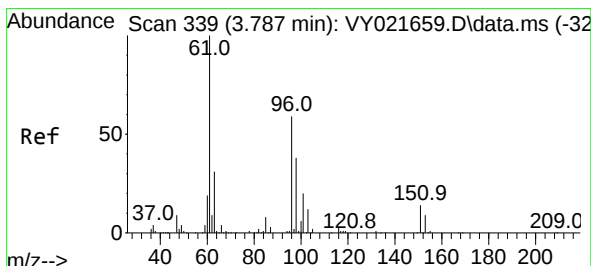
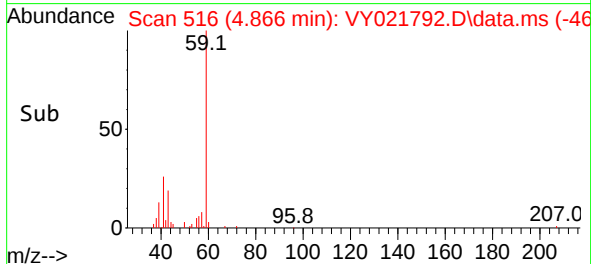
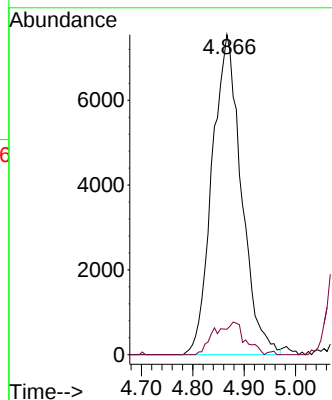
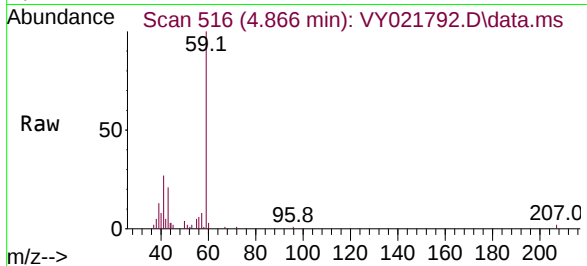




#11
Tert butyl alcohol
Concen: 243.556 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

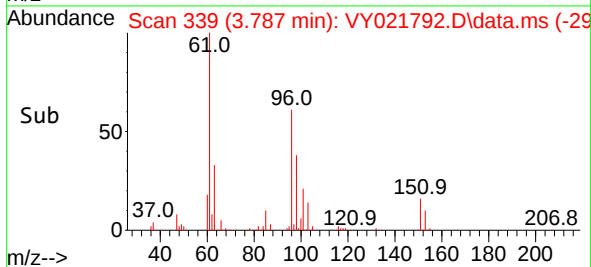
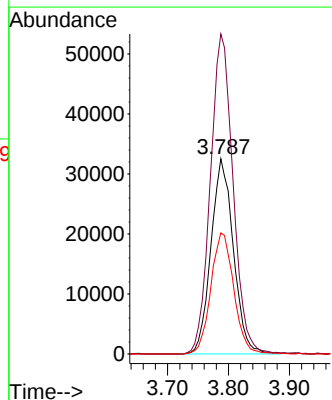
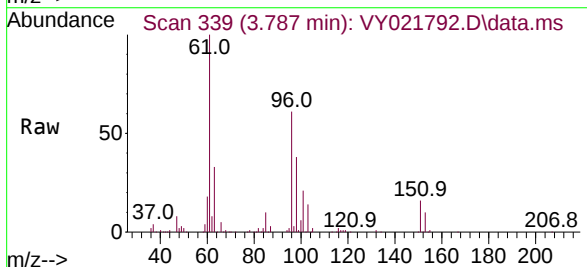
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

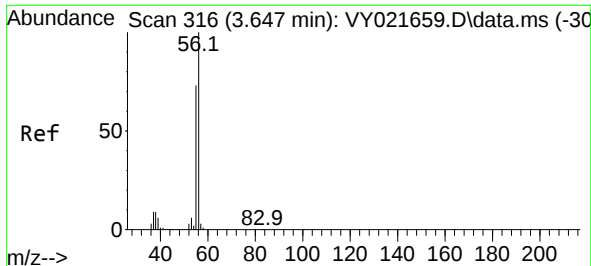
Tgt Ion: 59 Resp: 29874
Ion Ratio Lower Upper
59 100
57 5.5 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 45.612 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 96 Resp: 83387
Ion Ratio Lower Upper
96 100
61 163.9 136.6 204.8
98 62.0 52.3 78.5





#13

Acrolein

Concen: 7.930 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

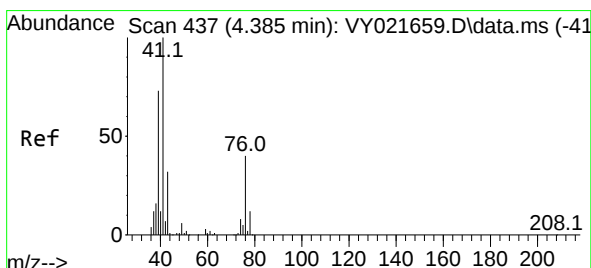
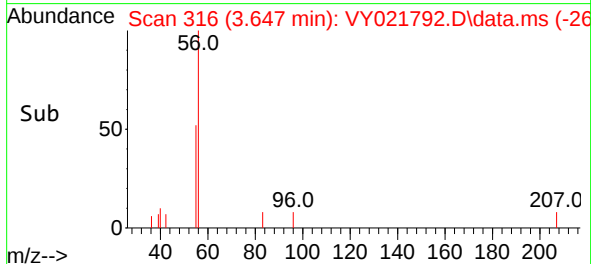
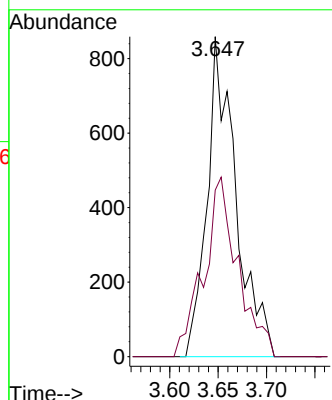
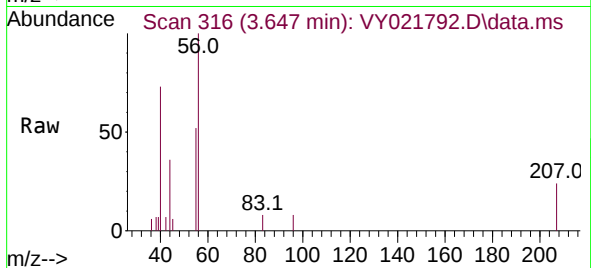
VSTDCCC050EC

Tgt Ion: 56 Resp: 1776

Ion Ratio Lower Upper

56 100

55 66.2 56.6 85.0



#14

Allyl chloride

Concen: 47.435 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

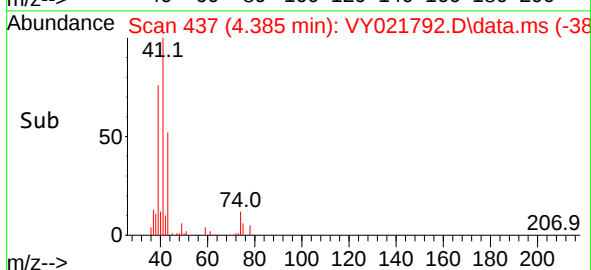
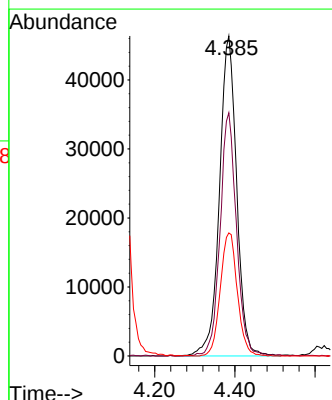
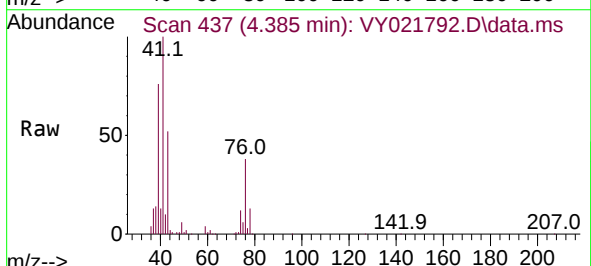
Tgt Ion: 41 Resp: 138265

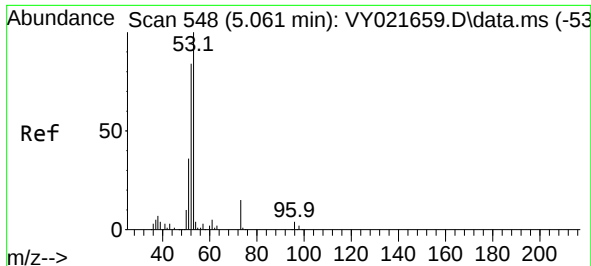
Ion Ratio Lower Upper

41 100

39 72.6 58.6 88.0

76 38.0 30.3 45.5

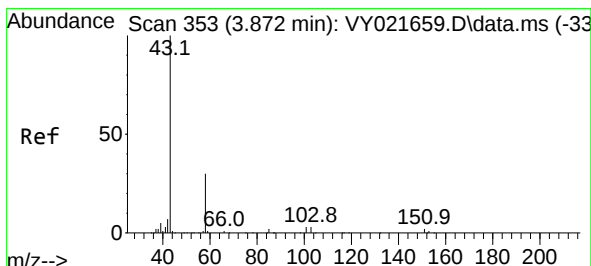
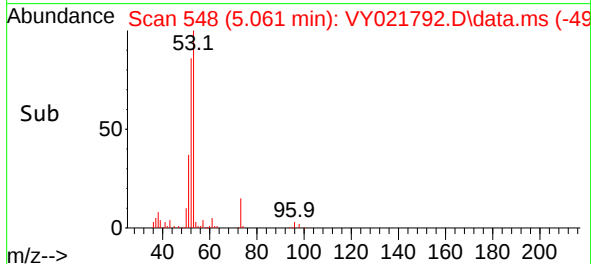
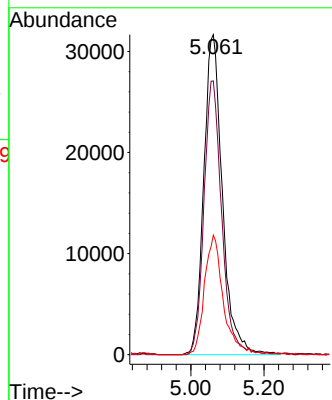
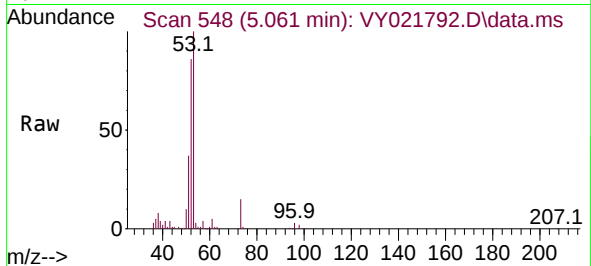




#15
Acrylonitrile
Concen: 267.842 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

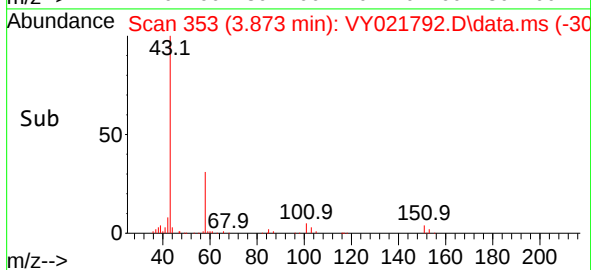
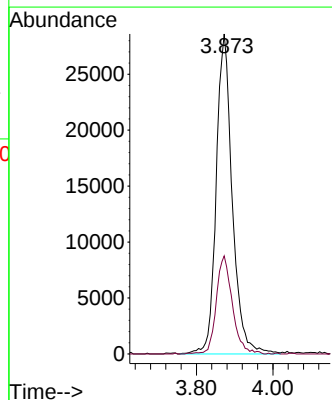
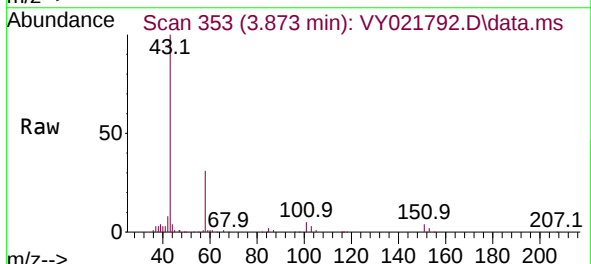
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

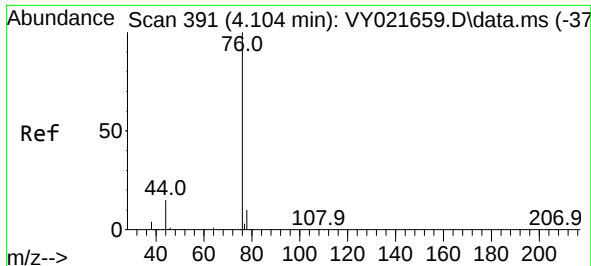
Tgt Ion: 53 Resp: 111919
Ion Ratio Lower Upper
53 100
52 81.4 64.9 97.3
51 38.0 30.2 45.2



#16
Acetone
Concen: 215.455 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 43 Resp: 83270
Ion Ratio Lower Upper
43 100
58 30.6 24.2 36.4

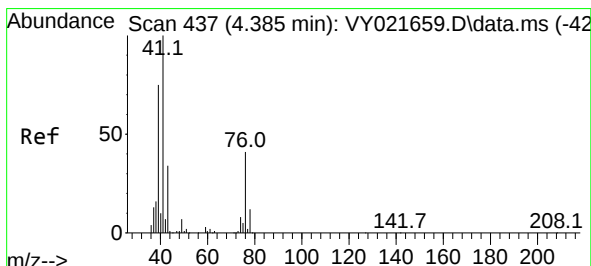
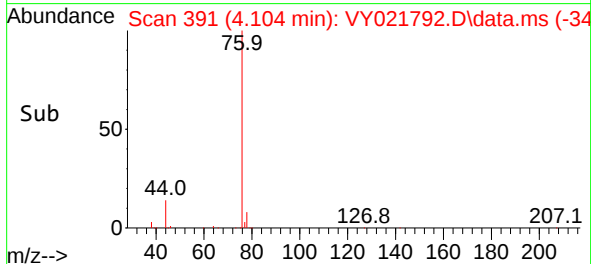
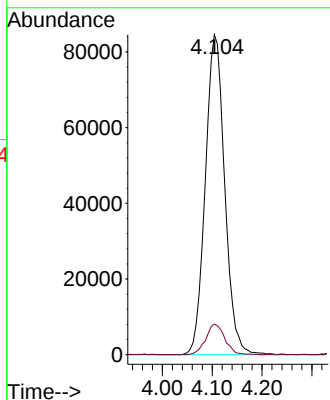
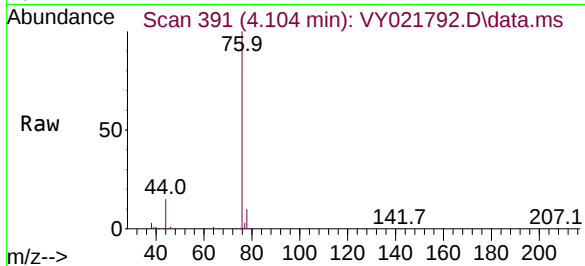




#17
Carbon Disulfide
Concen: 37.940 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

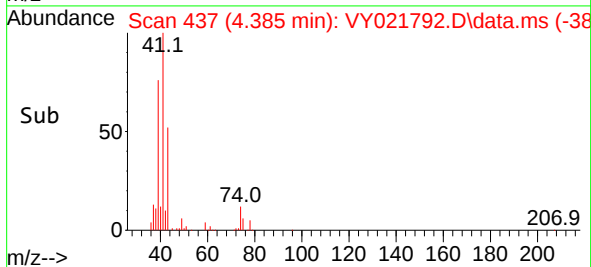
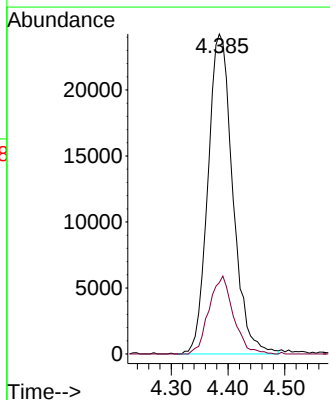
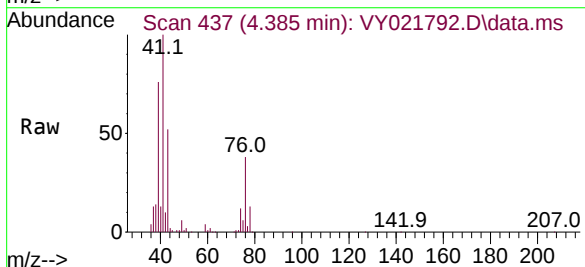
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

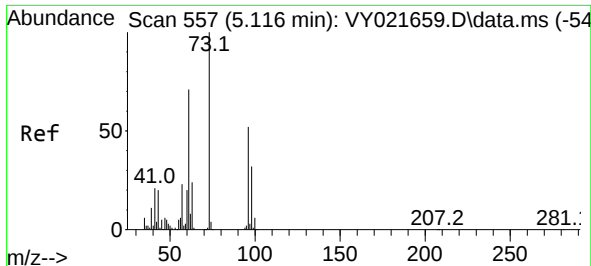
Tgt Ion: 76 Resp: 228452
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4



#18
Methyl Acetate
Concen: 76.853 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 43 Resp: 73615
Ion Ratio Lower Upper
43 100
74 23.9 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 50.970 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

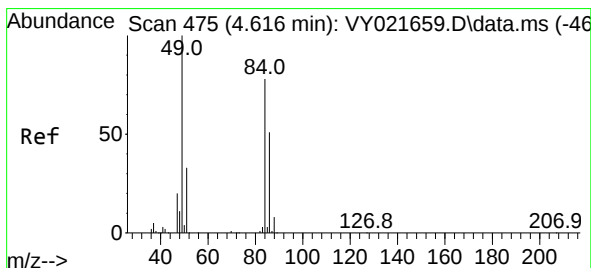
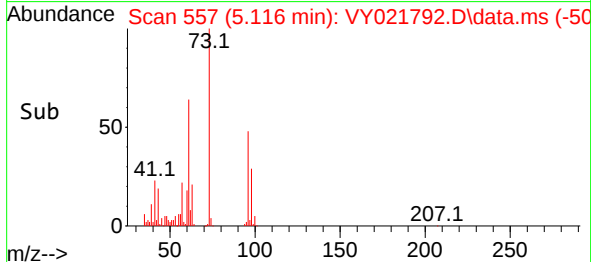
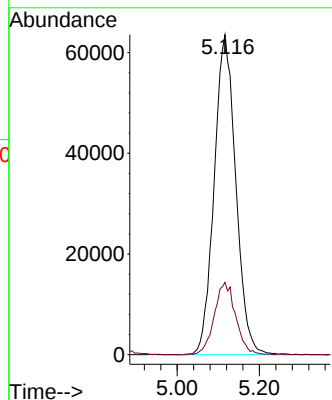
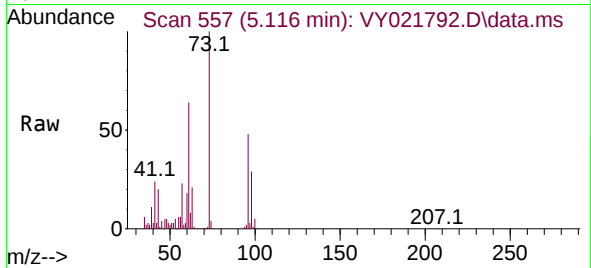
VSTDCCC050EC

Tgt Ion: 73 Resp: 231989

Ion Ratio Lower Upper

73 100

57 22.6 18.1 27.1



#20

Methylene Chloride

Concen: 53.510 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Tgt Ion: 84 Resp: 100684

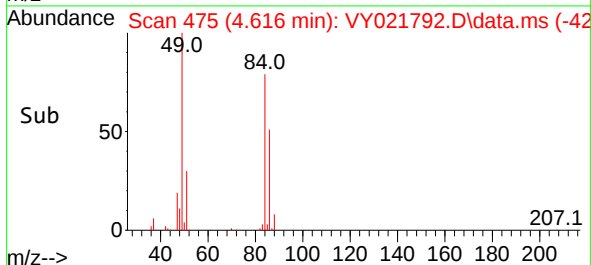
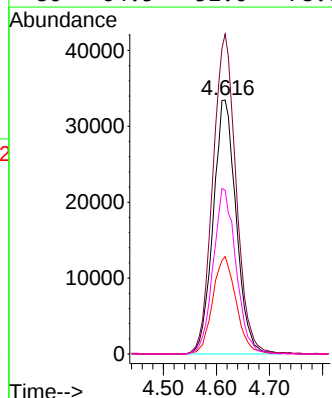
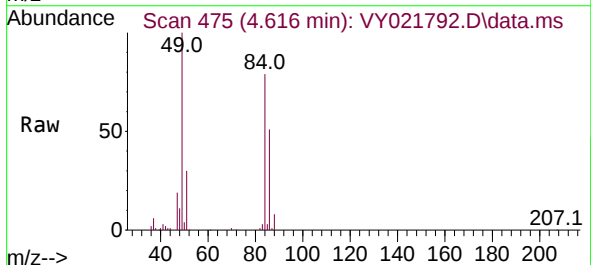
Ion Ratio Lower Upper

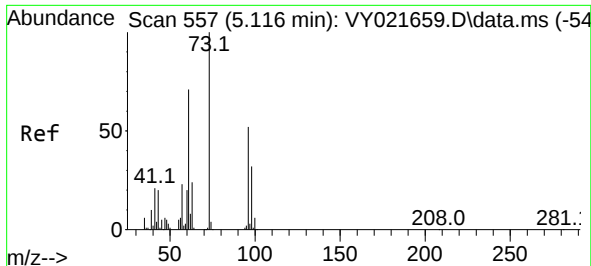
84 100

49 126.0 102.8 154.2

51 38.4 33.5 50.3

86 64.5 52.0 78.0

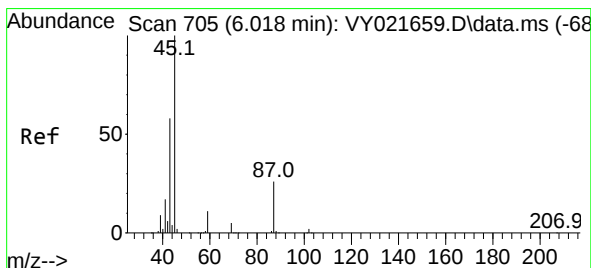
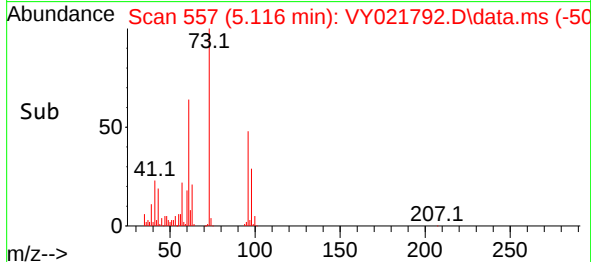
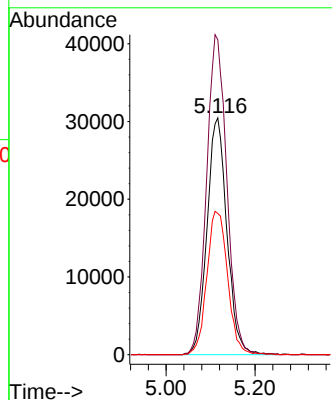
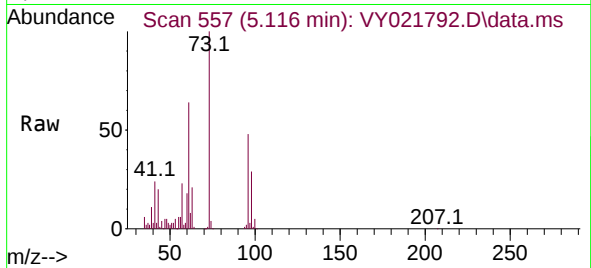




#21
trans-1,2-Dichloroethene
Concen: 47.223 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

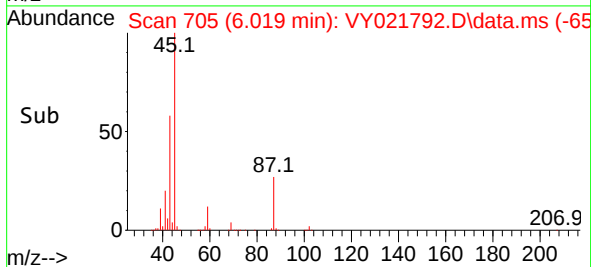
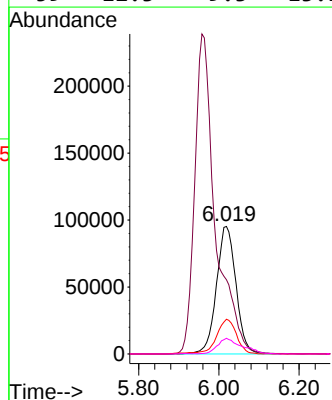
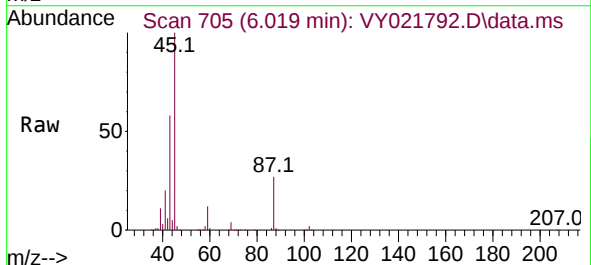
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

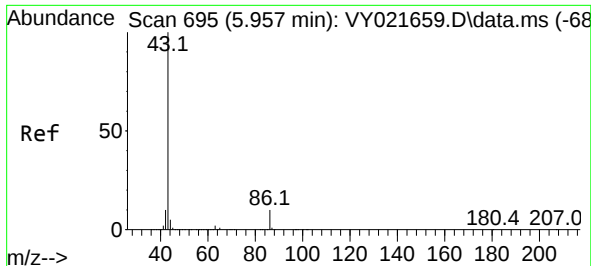
Tgt Ion: 96 Resp: 95054
Ion Ratio Lower Upper
96 100
61 133.1 109.4 164.0
98 59.7 50.2 75.2



#22
Diisopropyl ether
Concen: 52.609 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 45 Resp: 321680
Ion Ratio Lower Upper
45 100
43 57.9 46.6 69.8
87 27.3 20.7 31.1
59 12.3 9.3 13.9

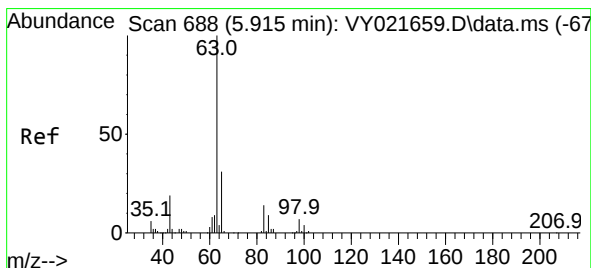
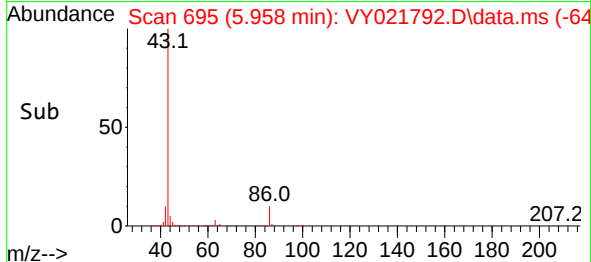
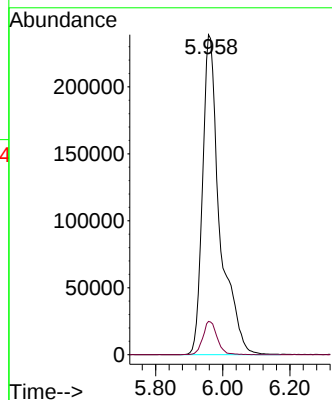
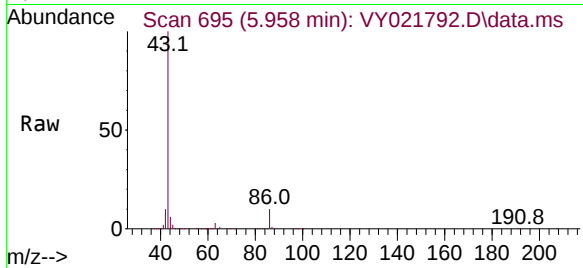




#23
 Vinyl Acetate
 Concen: 238.431 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021792.D
 Acq: 04 Apr 2025 17:44

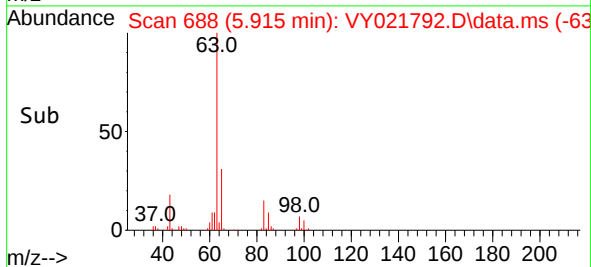
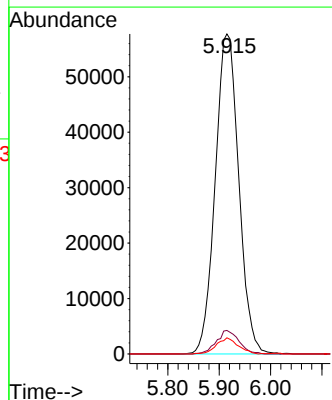
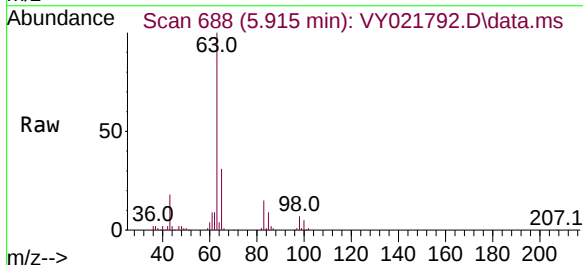
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

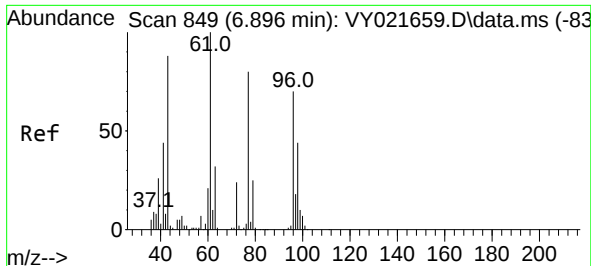
Tgt Ion: 43 Resp: 852883
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 50.240 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021792.D
 Acq: 04 Apr 2025 17:44

Tgt Ion: 63 Resp: 183690
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 5.1 2.2 6.6

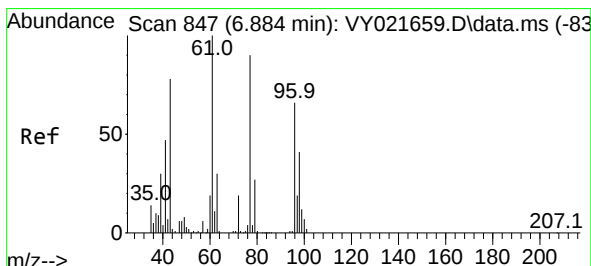
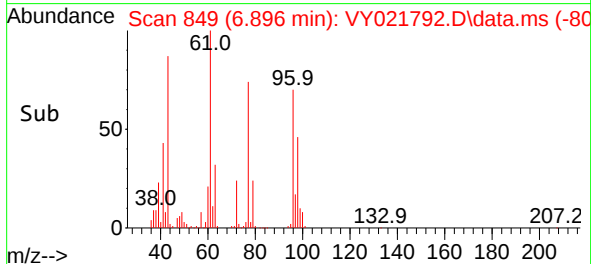
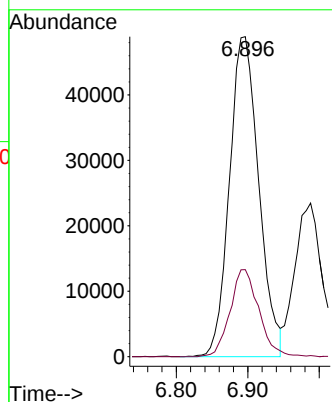
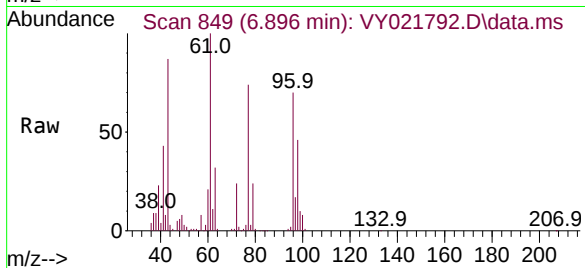




#25
2-Butanone
Concen: 252.446 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

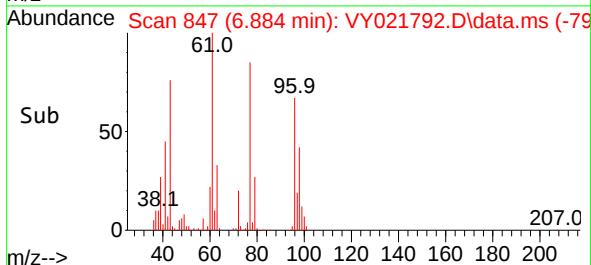
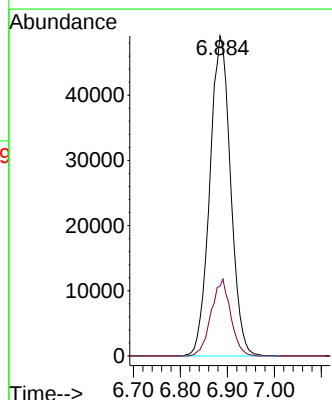
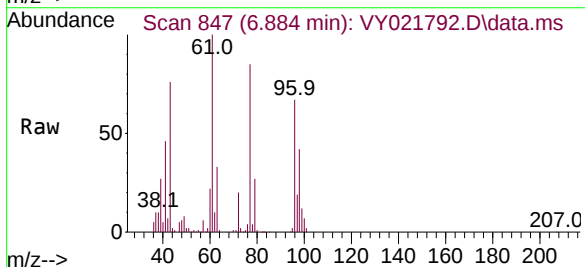
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 139355
Ion Ratio Lower Upper
43 100
72 27.2 21.4 32.2



#26
2,2-Dichloropropane
Concen: 46.414 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 77 Resp: 150953
Ion Ratio Lower Upper
77 100
97 22.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 50.266 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

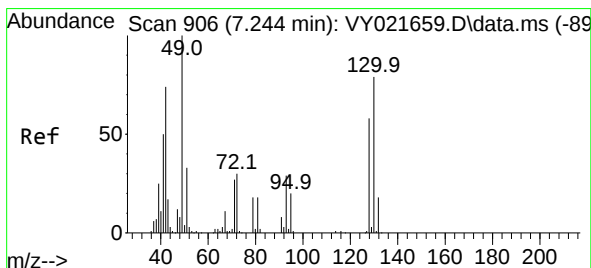
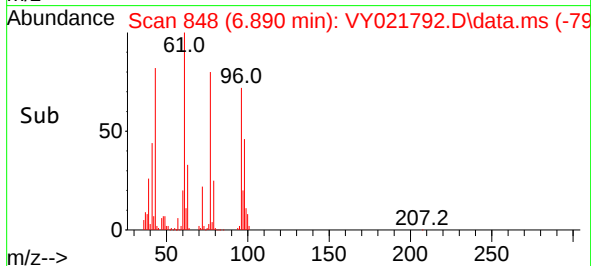
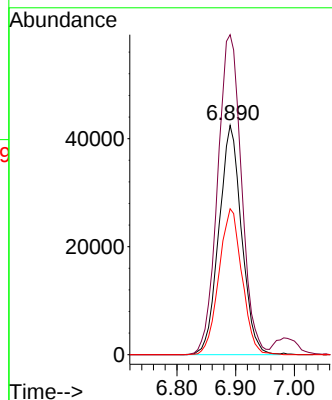
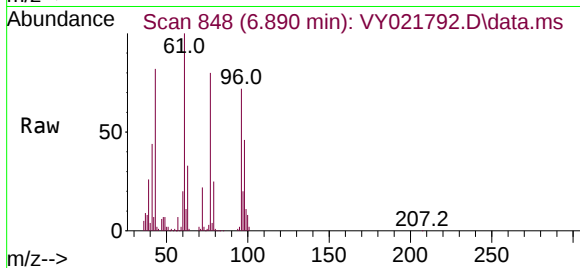
Tgt Ion: 96 Resp: 113782

Ion Ratio Lower Upper

96 100

61 147.2 0.0 296.4

98 64.8 0.0 128.0



#28

Bromochloromethane

Concen: 49.629 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

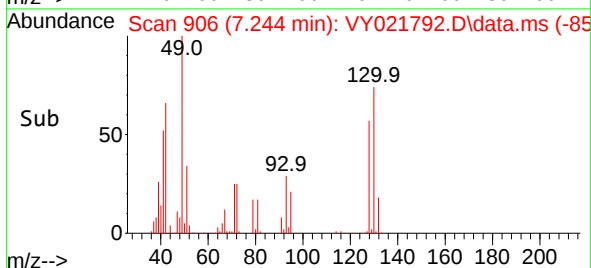
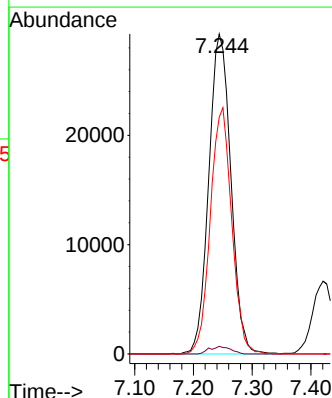
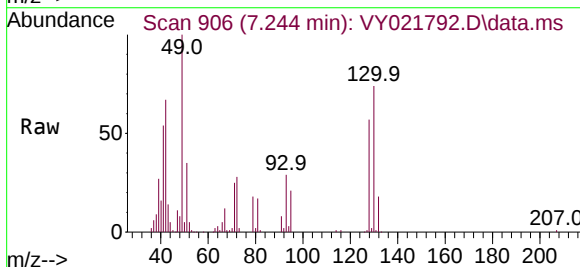
Tgt Ion: 49 Resp: 76527

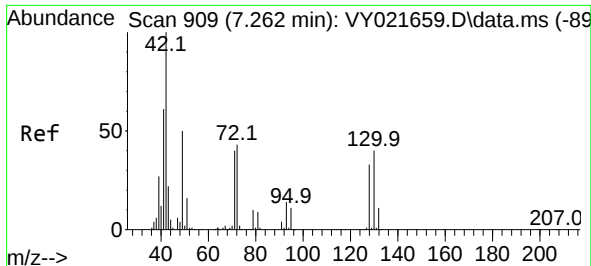
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 74.4 60.1 90.1





#29

Tetrahydrofuran

Concen: 265.308 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

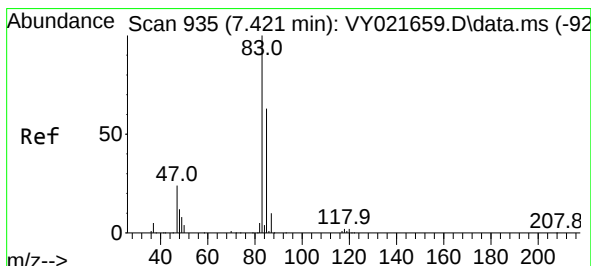
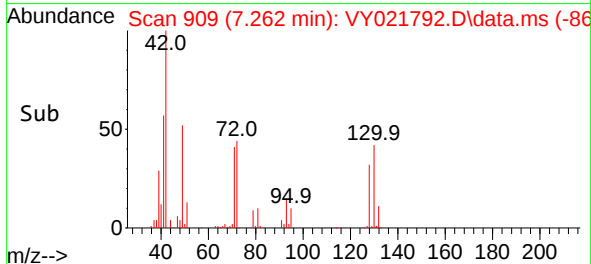
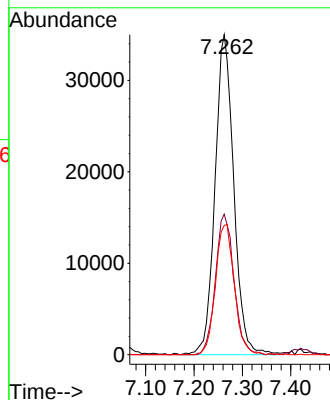
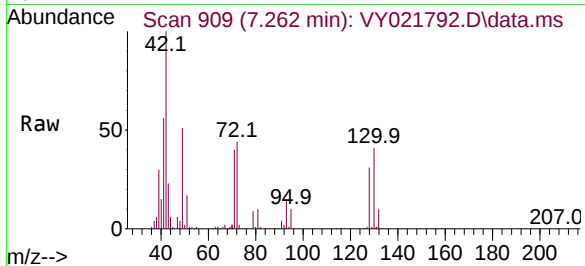
Tgt Ion: 42 Resp: 94257

Ion Ratio Lower Upper

42 100

72 43.4 34.6 52.0

71 40.9 32.5 48.7



#30

Chloroform

Concen: 51.519 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021792.D

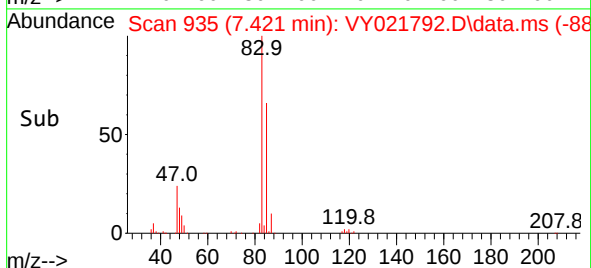
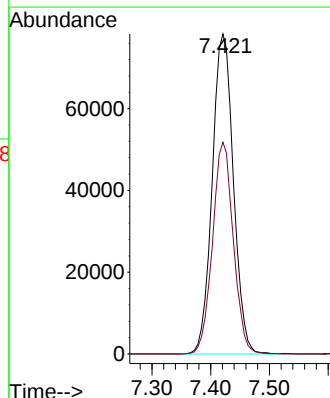
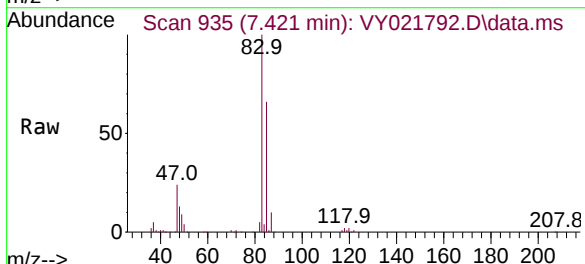
Acq: 04 Apr 2025 17:44

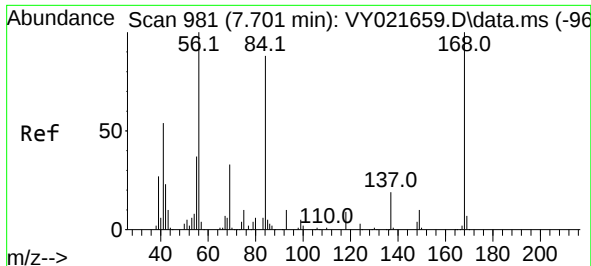
Tgt Ion: 83 Resp: 195921

Ion Ratio Lower Upper

83 100

85 66.1 50.6 75.8

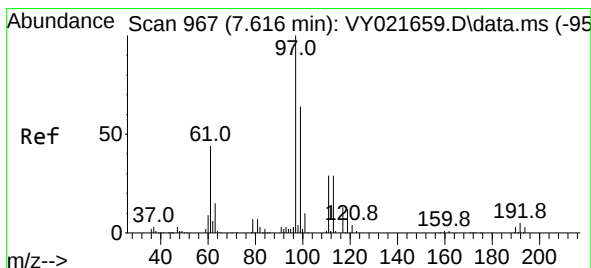
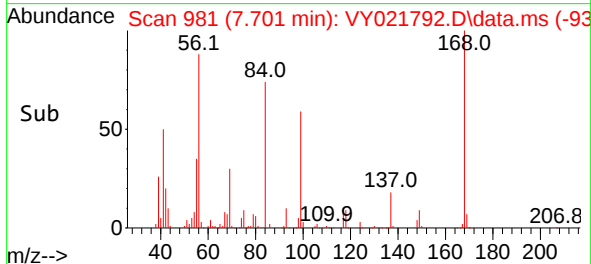
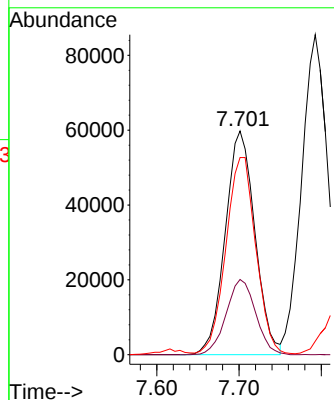
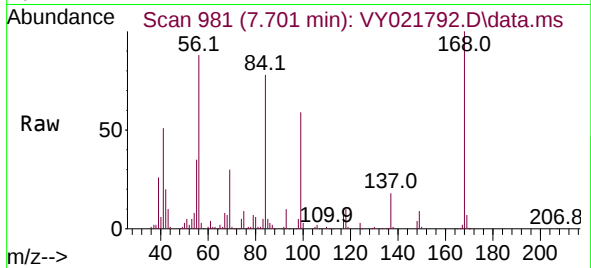




#31
Cyclohexane
Concen: 45.062 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

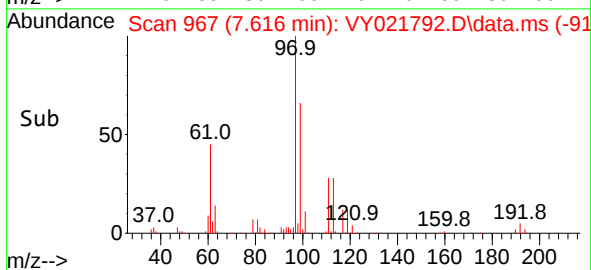
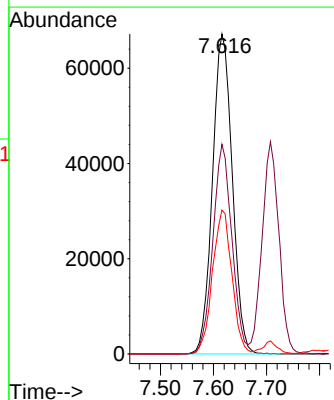
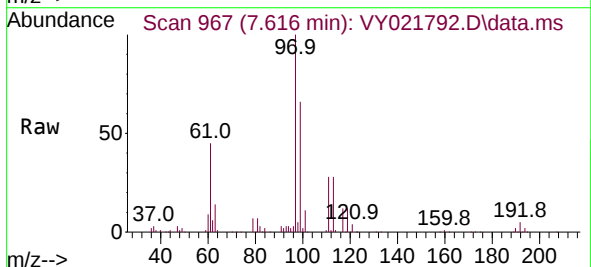
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

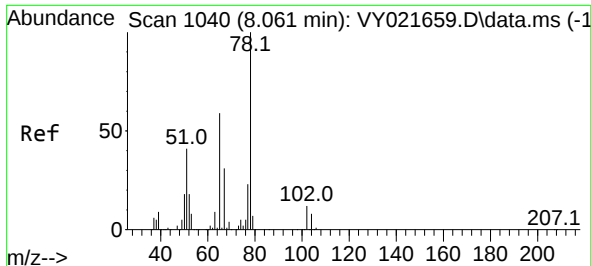
Tgt Ion: 56 Resp: 150188
Ion Ratio Lower Upper
56 100
69 33.6 26.6 40.0
84 86.4 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 50.714 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 97 Resp: 174309
Ion Ratio Lower Upper
97 100
99 63.3 50.7 76.1
61 44.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.291 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

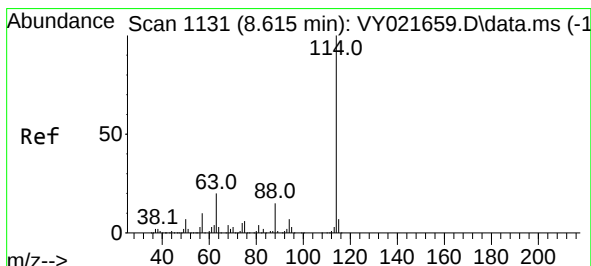
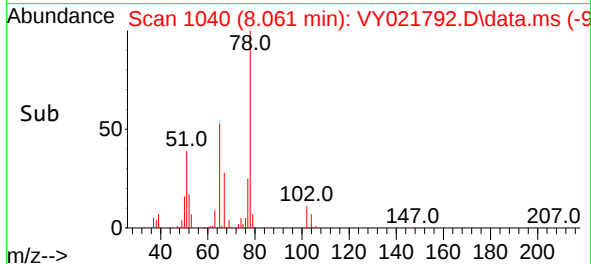
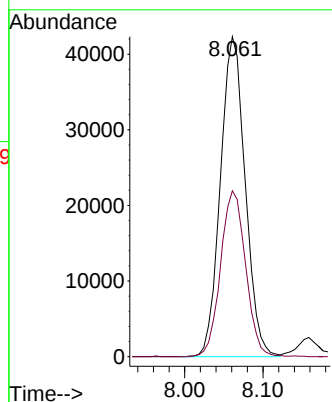
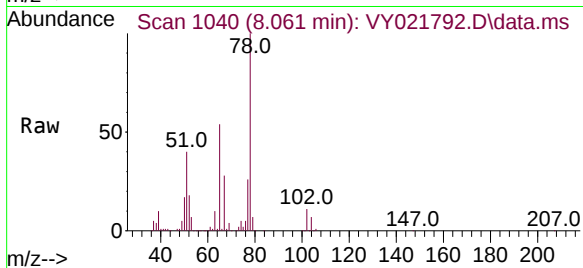
VSTDCCC050EC

Tgt Ion: 65 Resp: 93081

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

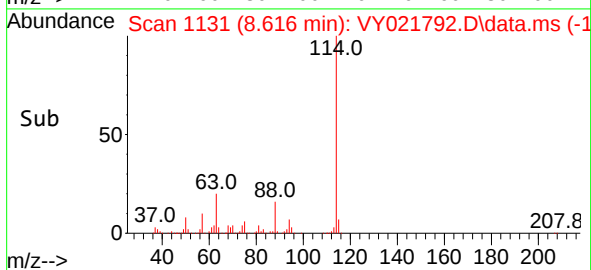
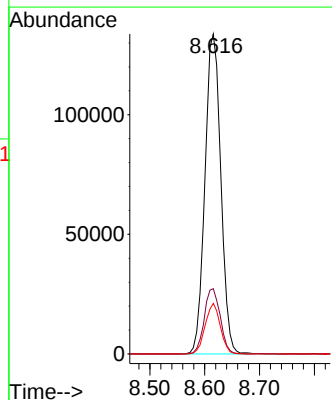
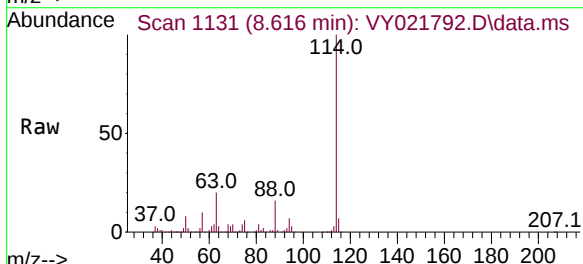
Tgt Ion: 114 Resp: 268405

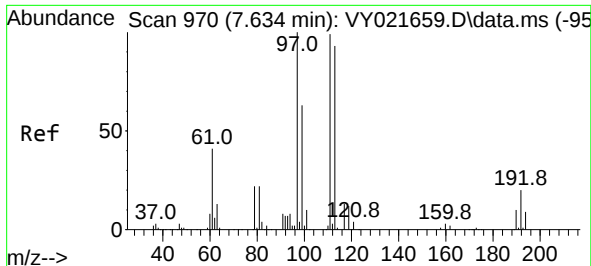
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 15.8 0.0 29.8

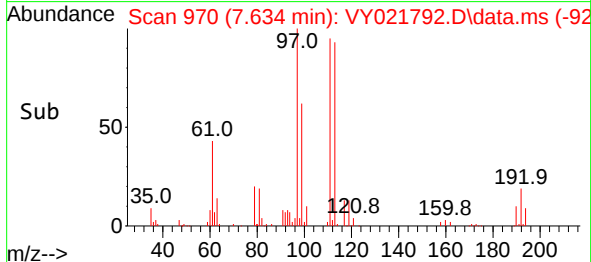
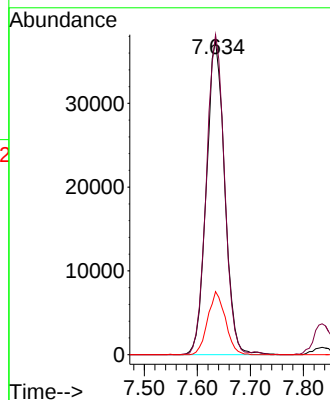
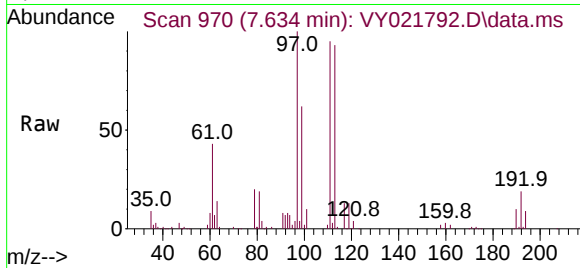




#35
Dibromofluoromethane
Concen: 51.567 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

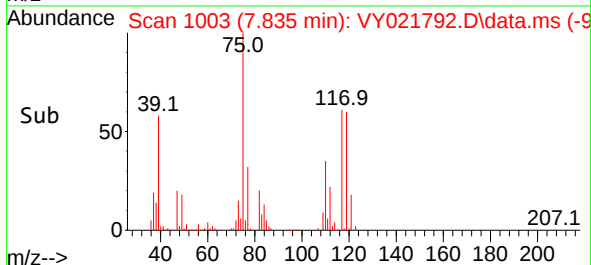
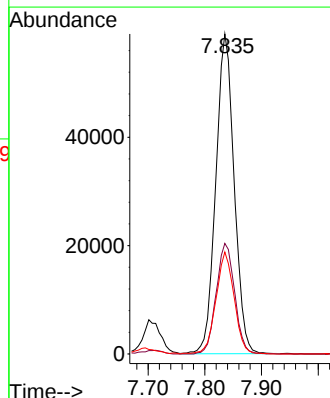
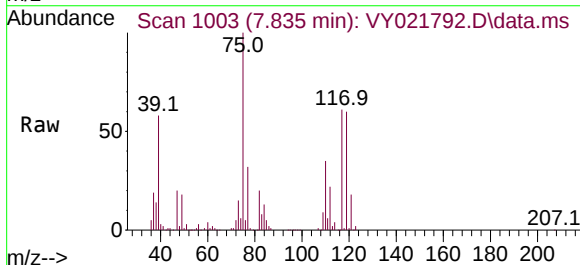
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

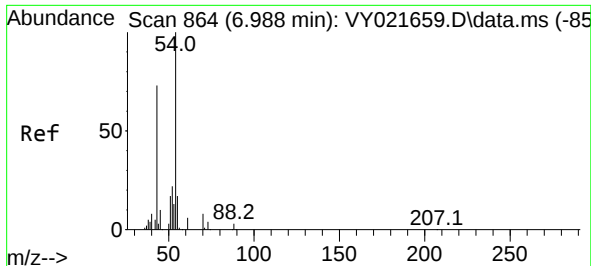
Tgt Ion:113 Resp: 89783
Ion Ratio Lower Upper
113 100
111 101.1 82.6 123.8
192 19.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 50.035 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 75 Resp: 132692
Ion Ratio Lower Upper
75 100
110 34.7 17.0 50.9
77 31.6 24.8 37.2





#37

Ethyl Acetate

Concen: 51.733 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

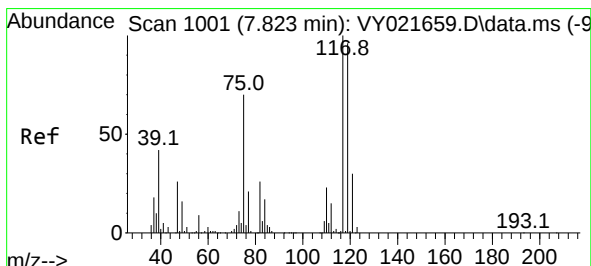
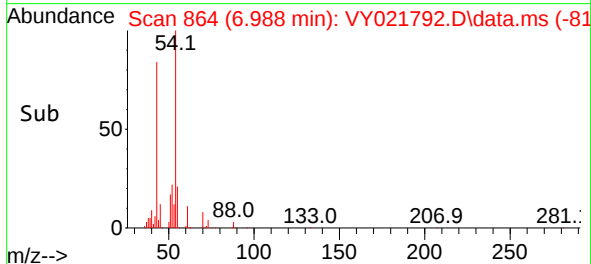
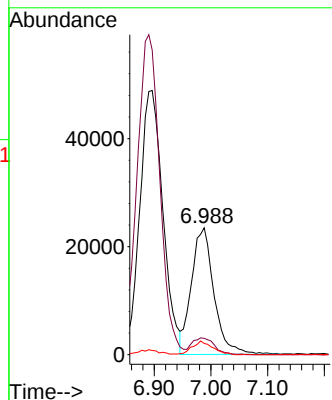
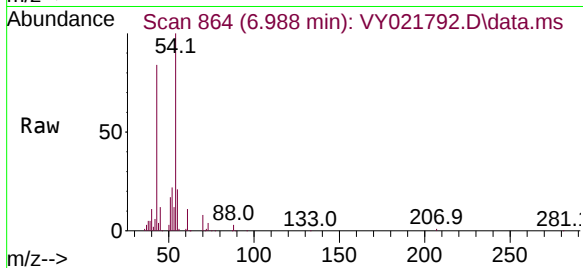
Tgt Ion: 43 Resp: 64748

Ion Ratio Lower Upper

43 100

61 13.1 11.0 16.6

70 9.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 51.249 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

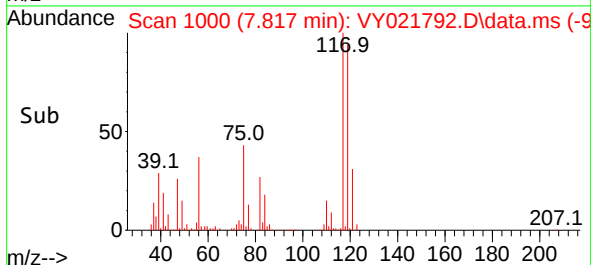
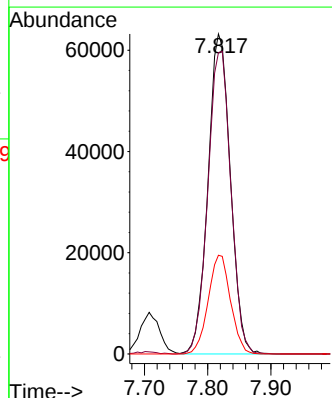
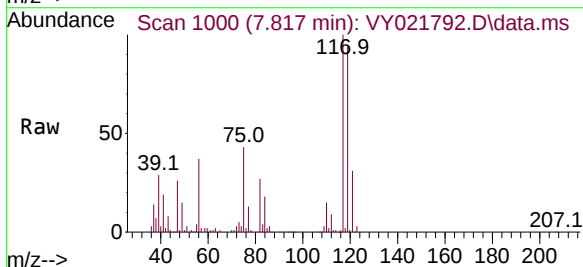
Tgt Ion: 117 Resp: 155663

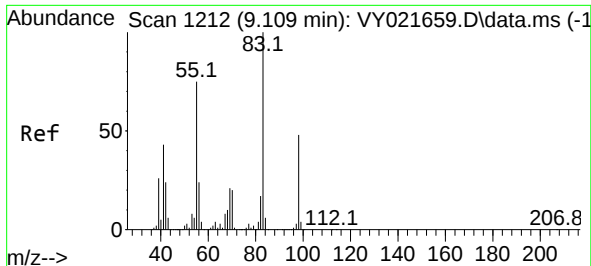
Ion Ratio Lower Upper

117 100

119 94.2 76.2 114.4

121 30.8 24.2 36.4





#39

Methylcyclohexane

Concen: 50.922 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

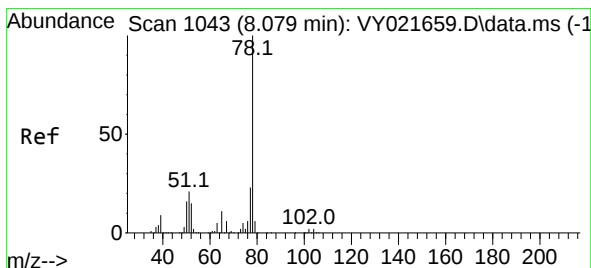
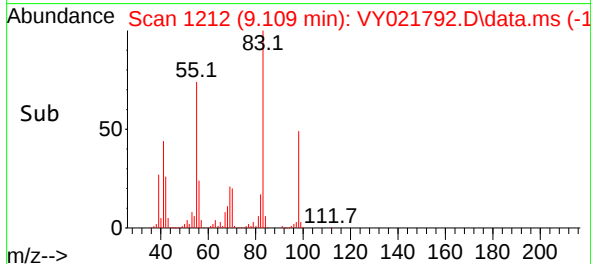
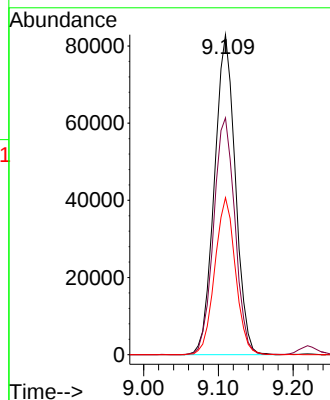
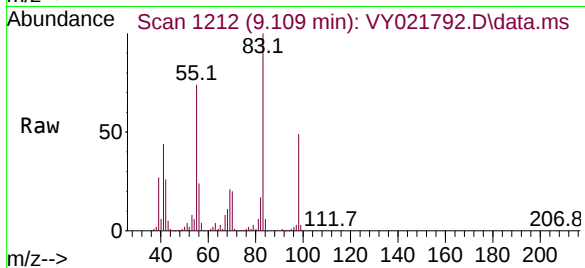
Tgt Ion: 83 Resp: 161325

Ion Ratio Lower Upper

83 100

55 74.0 59.7 89.5

98 49.1 38.3 57.5



#40

Benzene

Concen: 51.051 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021792.D

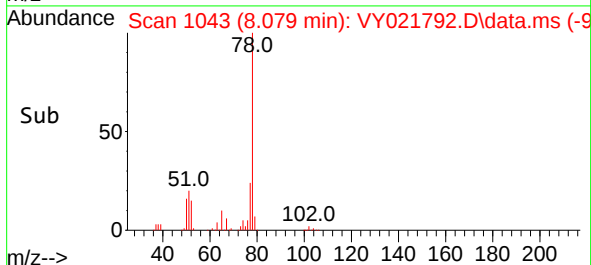
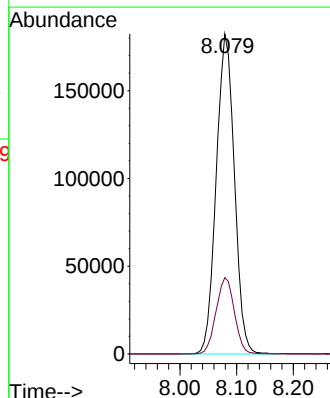
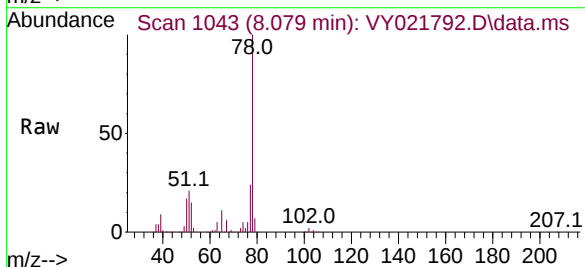
Acq: 04 Apr 2025 17:44

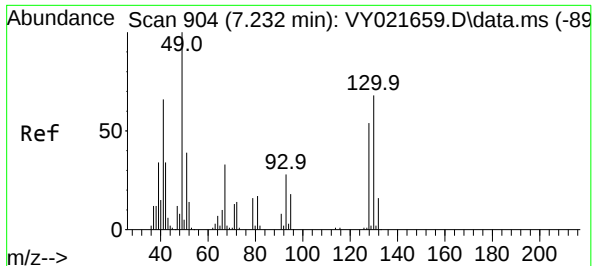
Tgt Ion: 78 Resp: 405446

Ion Ratio Lower Upper

78 100

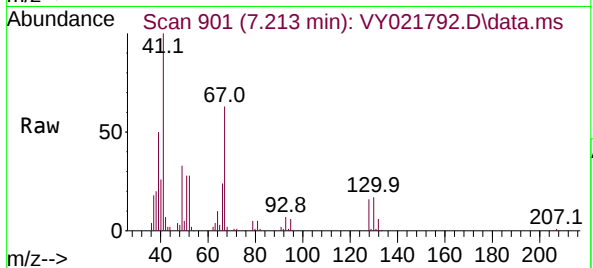
77 23.9 18.8 28.2



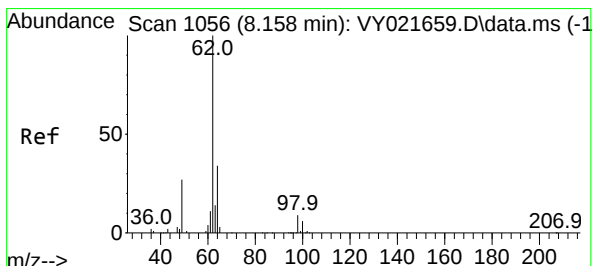
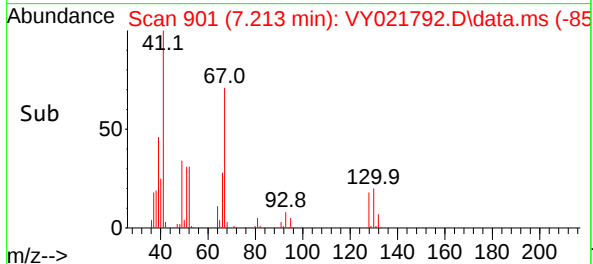
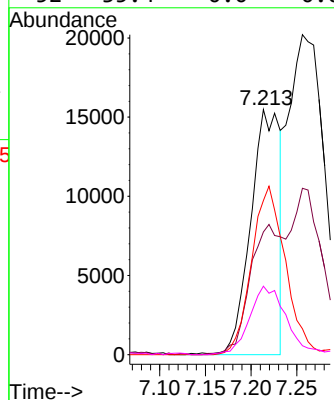


#41
Methacrylonitrile
Concen: 52.095 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

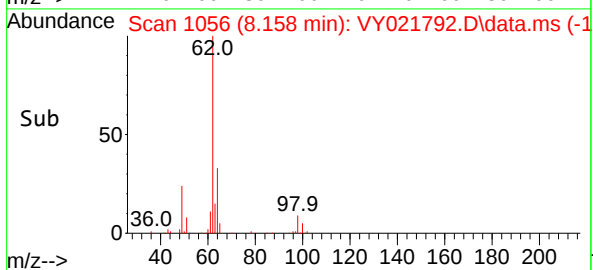
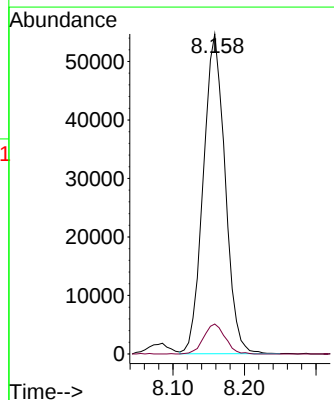
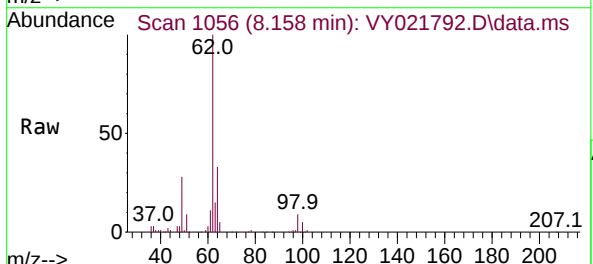


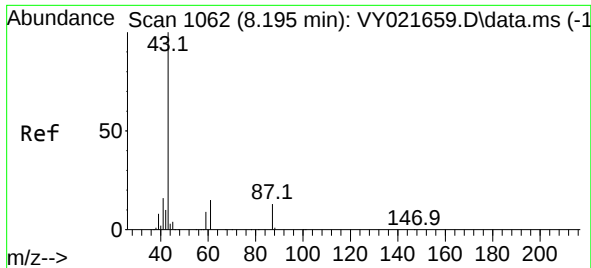
Tgt Ion:	41	Resp:	34626
Ion	Ratio	Lower	Upper
41	100		
39	61.9	0.0	0.0#
67	79.8	0.0	0.0#
52	35.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 51.801 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion:	62	Resp:	115981
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4

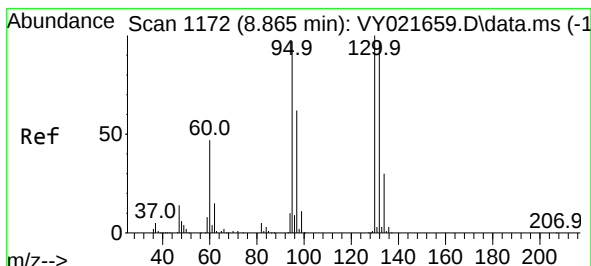
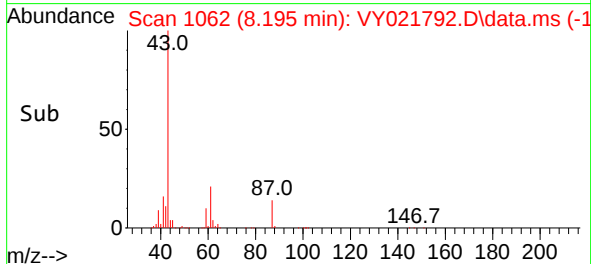
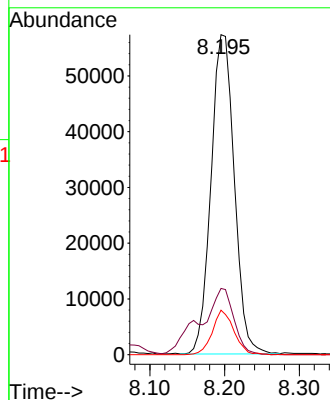
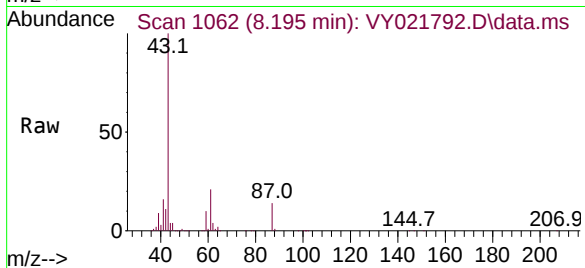




#43
Isopropyl Acetate
Concen: 52.369 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

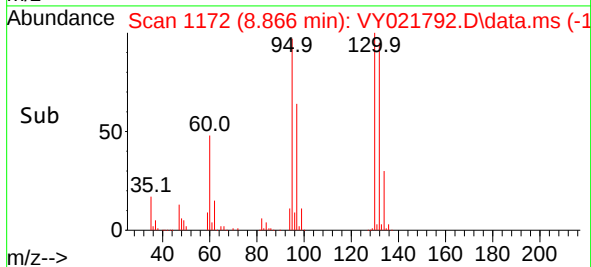
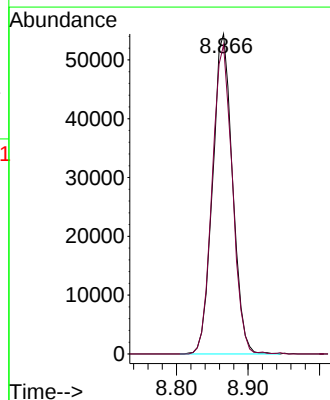
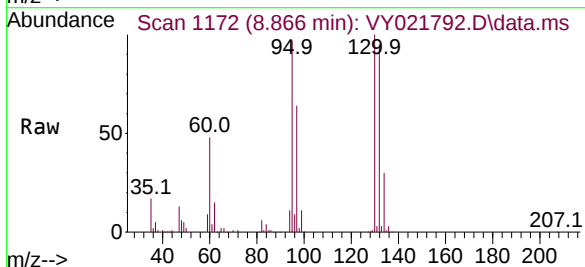
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

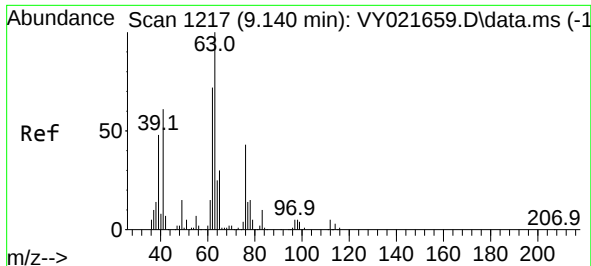
Tgt Ion: 43 Resp: 124209
Ion Ratio Lower Upper
43 100
61 20.4 15.9 23.9
87 12.9 10.4 15.6



#44
Trichloroethene
Concen: 51.907 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion:130 Resp: 105036
Ion Ratio Lower Upper
130 100
95 96.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 53.457 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

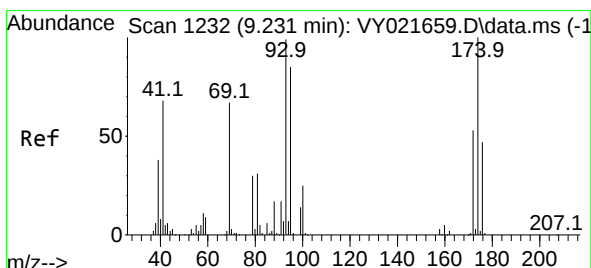
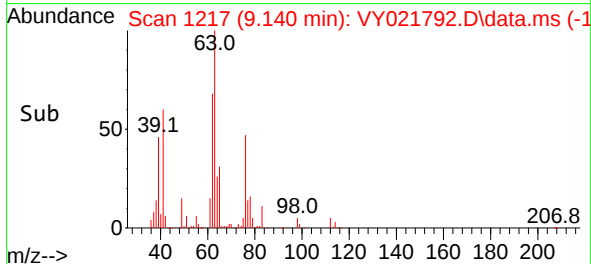
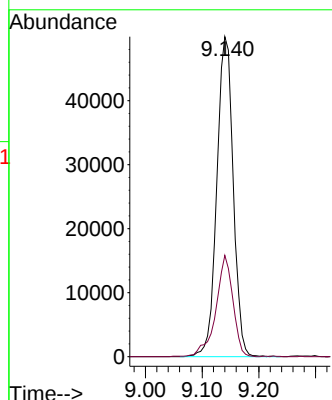
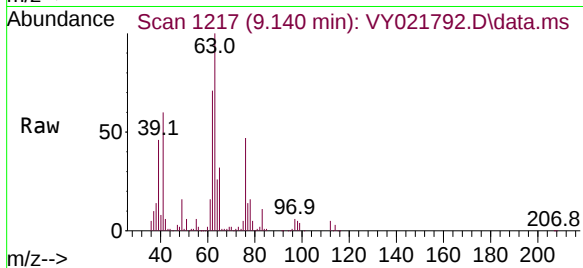
VSTDCCC050EC

Tgt Ion: 63 Resp: 100494

Ion Ratio Lower Upper

63 100

65 31.5 24.4 36.6



#46

Dibromomethane

Concen: 53.422 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

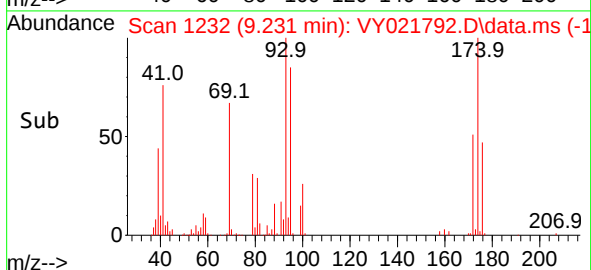
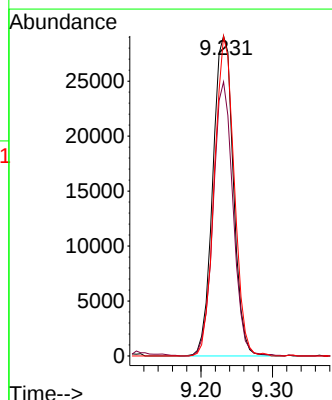
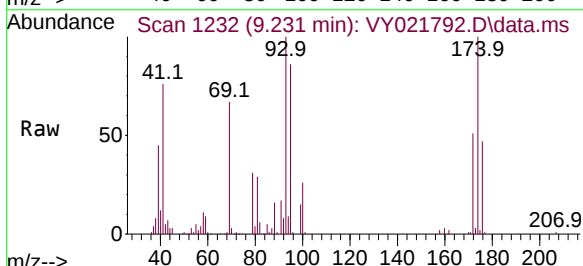
Tgt Ion: 93 Resp: 57879

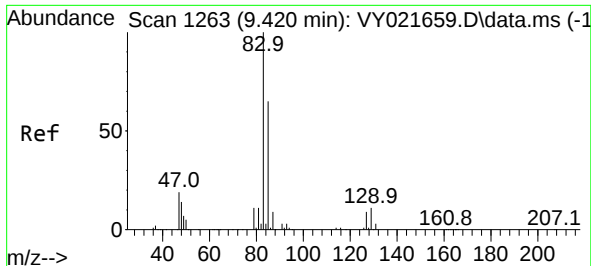
Ion Ratio Lower Upper

93 100

95 82.8 68.1 102.1

174 96.4 80.9 121.3

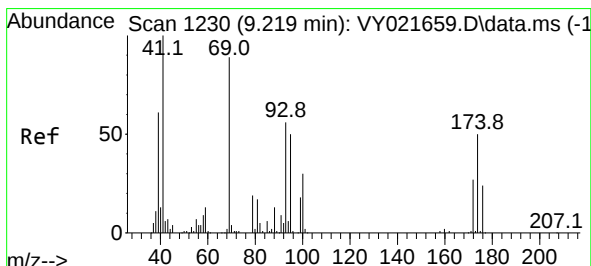
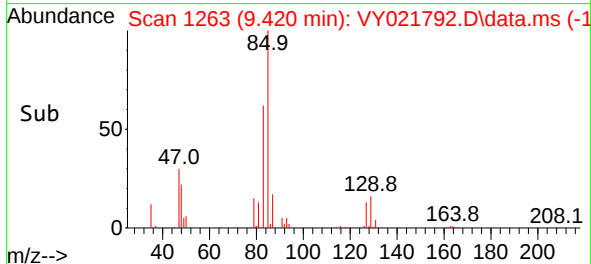
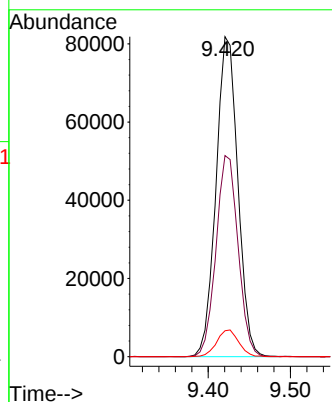
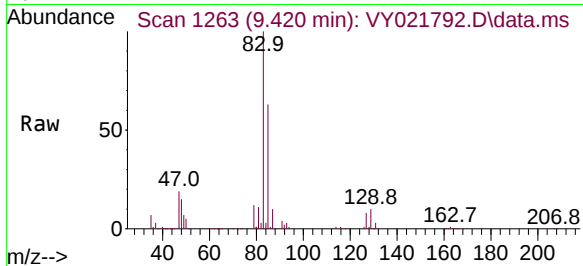




#47
Bromodichloromethane
Concen: 53.857 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

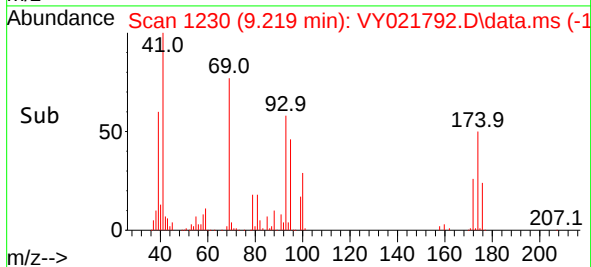
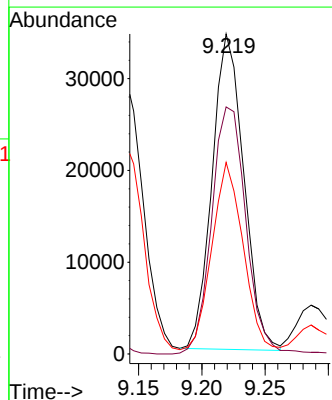
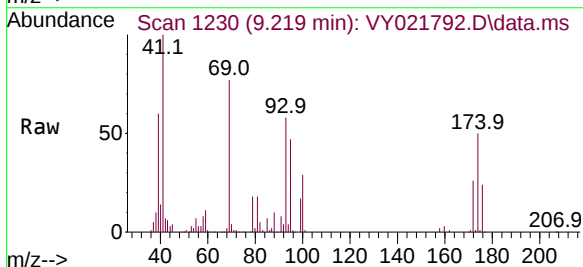
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 151198
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.6
127 8.1 6.8 10.2



#48
Methyl methacrylate
Concen: 54.919 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 41 Resp: 59783
Ion Ratio Lower Upper
41 100
69 85.1 69.8 104.8
39 58.8 47.2 70.8

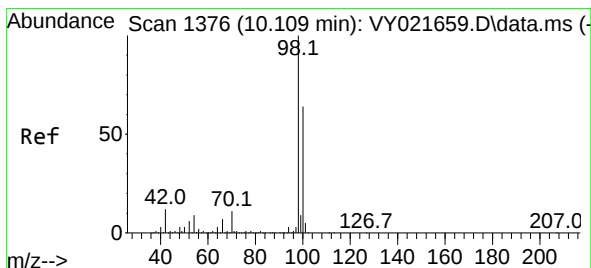
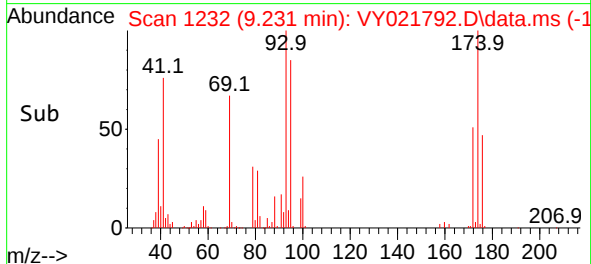
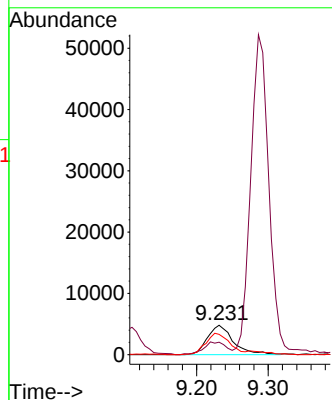
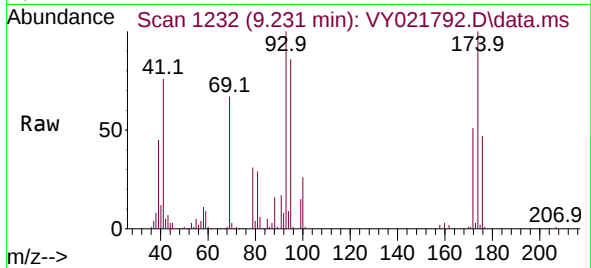




#49
1,4-Dioxane
Concen: 1042.700 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

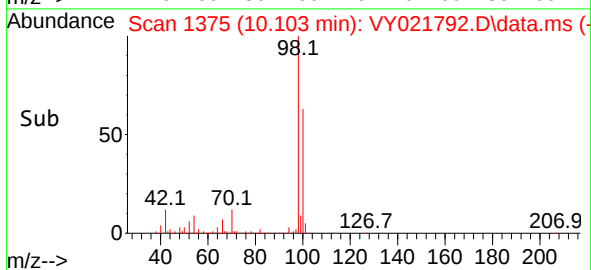
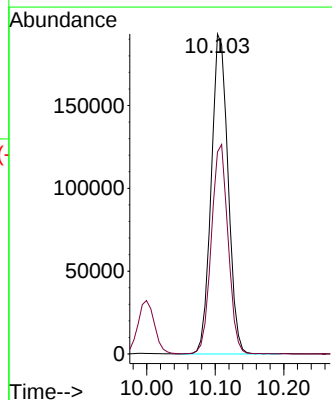
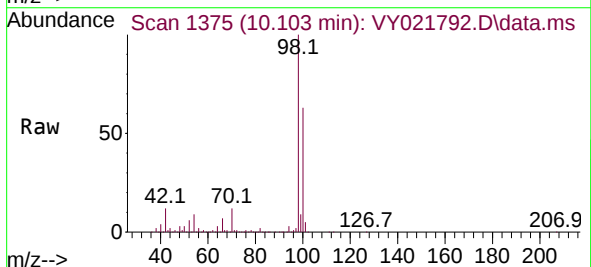
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 12102
Ion Ratio Lower Upper
88 100
43 38.0 28.8 43.2
58 67.0 59.4 89.2



#50
Toluene-d8
Concen: 49.581 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 98 Resp: 328405
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 285.663 ug/l

RT: 10.000 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

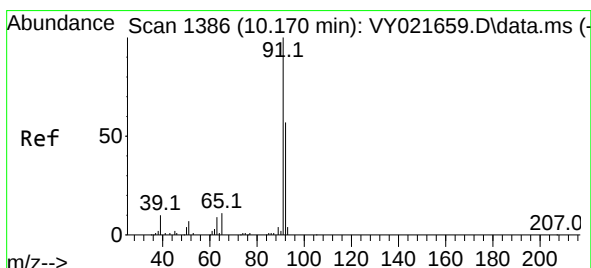
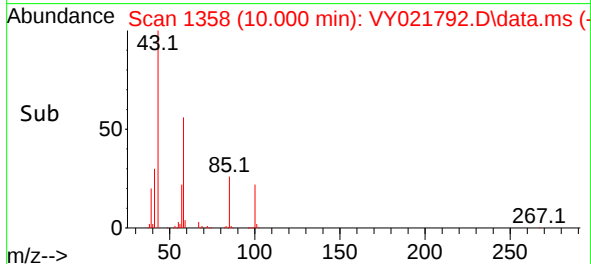
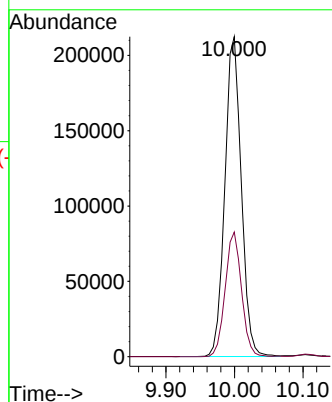
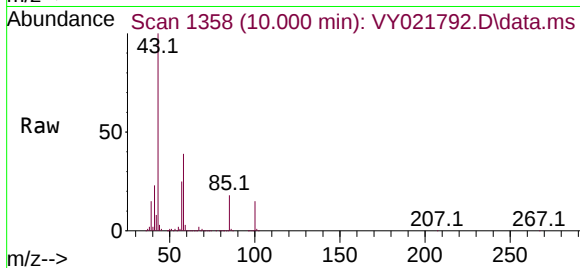
VSTDCCC050EC

Tgt Ion: 43 Resp: 352592

Ion Ratio Lower Upper

43 100

58 38.8 31.5 47.3



#52

Toluene

Concen: 52.527 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021792.D

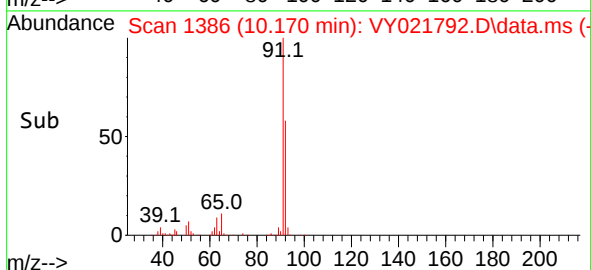
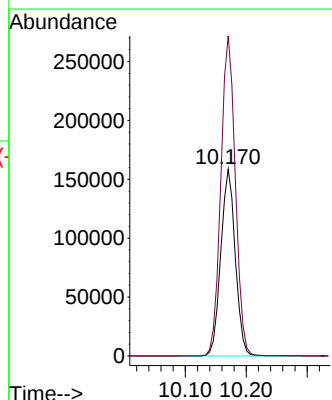
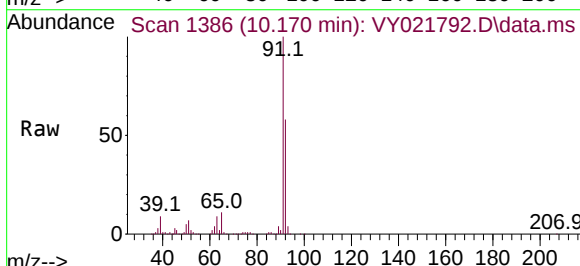
Acq: 04 Apr 2025 17:44

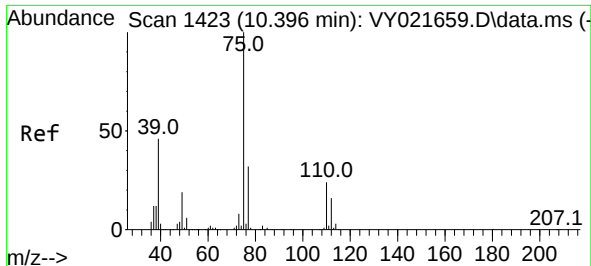
Tgt Ion: 92 Resp: 260277

Ion Ratio Lower Upper

92 100

91 173.0 138.6 207.8

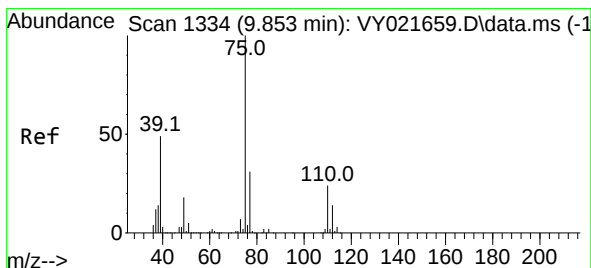
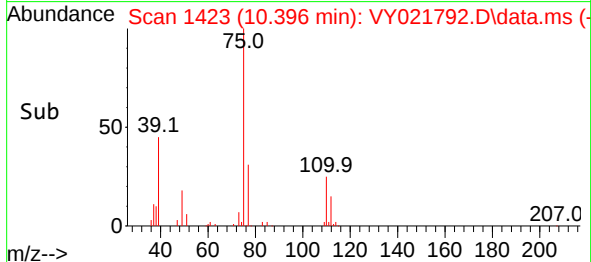
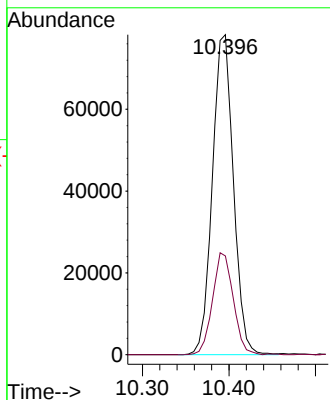
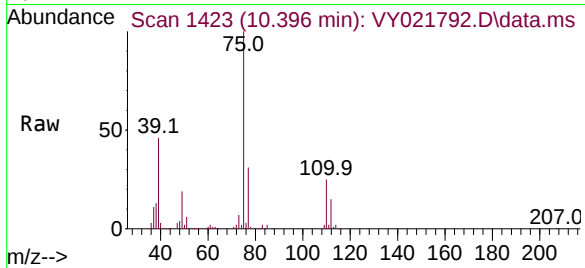




#53
t-1,3-Dichloropropene
Concen: 52.910 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

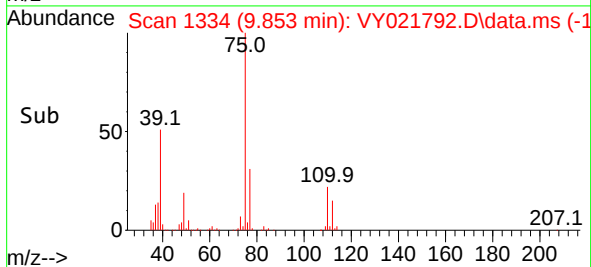
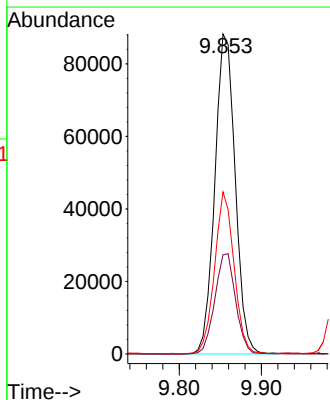
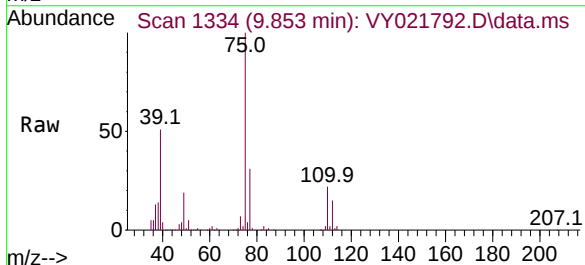
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

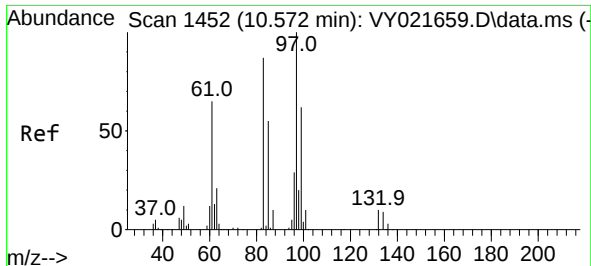
Tgt Ion: 75 Resp: 131936
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 51.714 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 75 Resp: 152131
Ion Ratio Lower Upper
75 100
77 31.0 24.9 37.3
39 50.7 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 56.175 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 78322

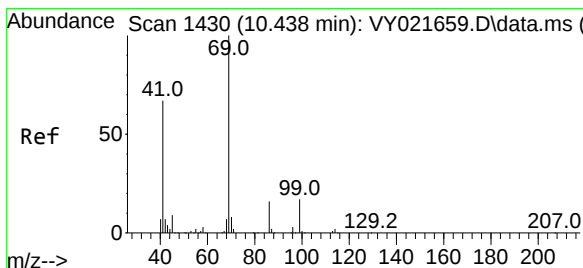
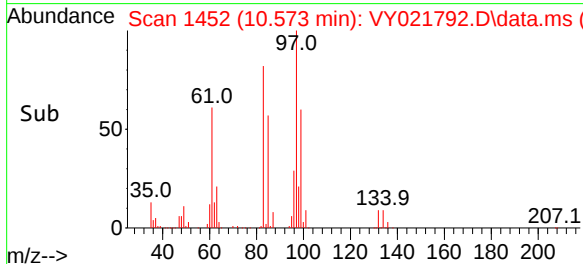
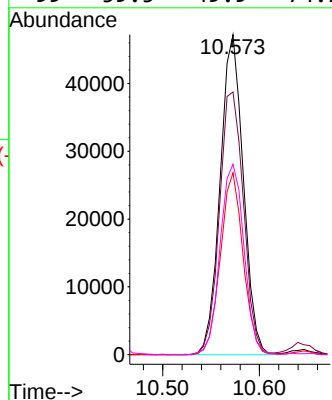
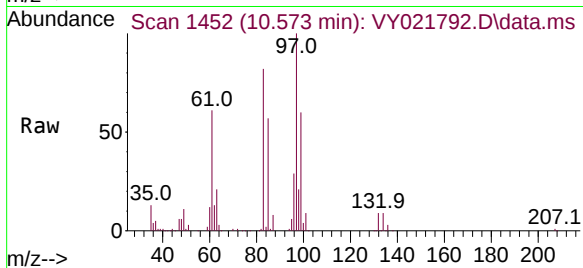
Ion Ratio Lower Upper

97 100

83 82.1 69.5 104.3

85 56.9 43.9 65.9

99 59.5 49.9 74.9



#56

Ethyl methacrylate

Concen: 57.212 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

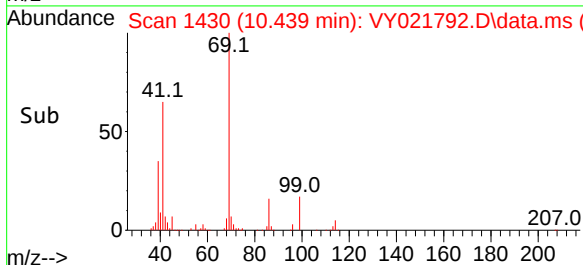
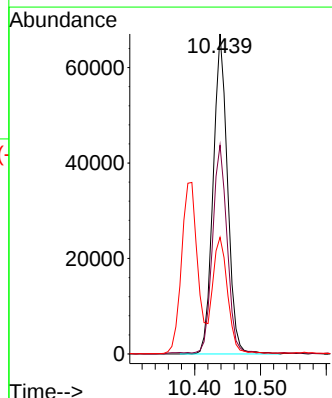
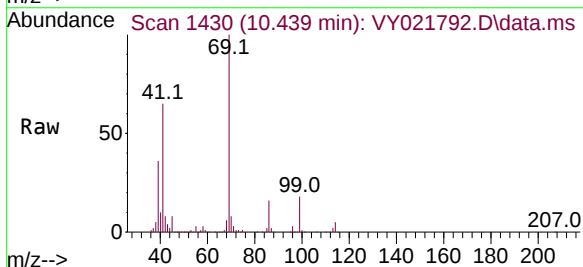
Tgt Ion: 69 Resp: 101856

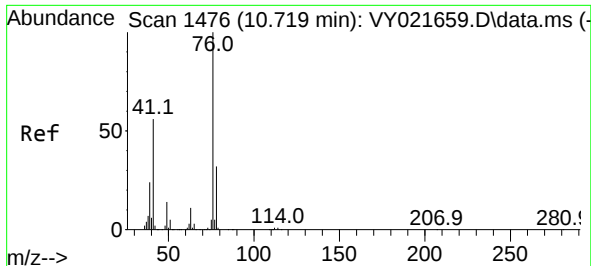
Ion Ratio Lower Upper

69 100

41 65.9 53.8 80.6

39 36.4 29.6 44.4





#57

1,3-Dichloropropane

Concen: 54.092 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

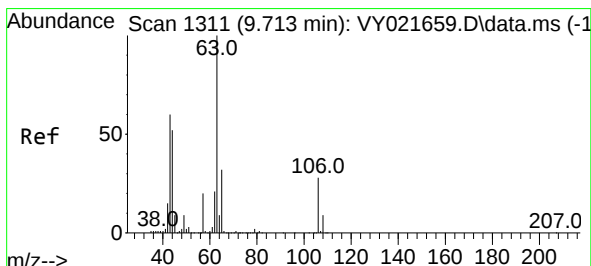
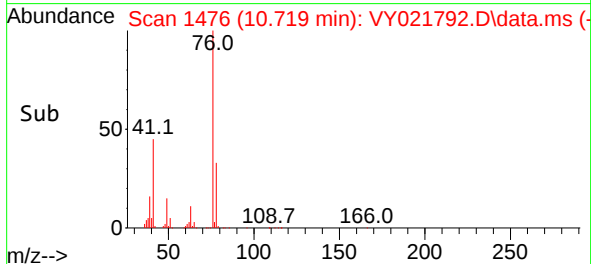
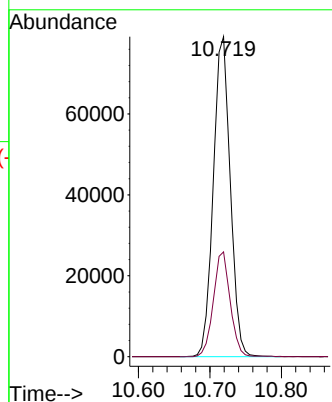
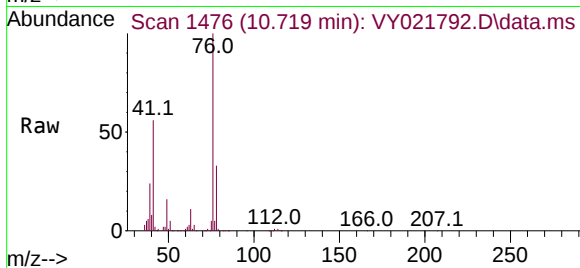
VSTDCCC050EC

Tgt Ion: 76 Resp: 130252

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 294.907 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021792.D

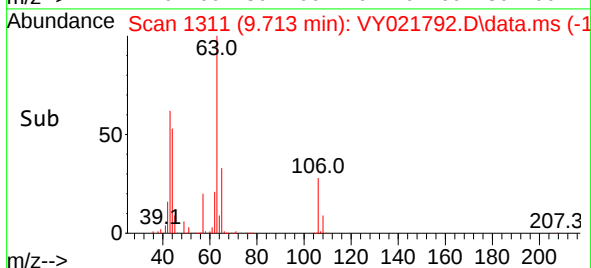
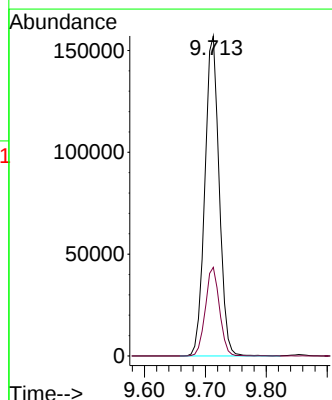
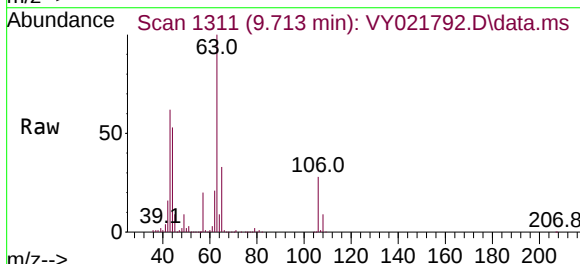
Acq: 04 Apr 2025 17:44

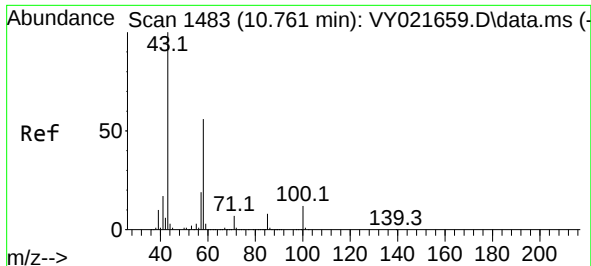
Tgt Ion: 63 Resp: 256125

Ion Ratio Lower Upper

63 100

106 27.3 22.4 33.6

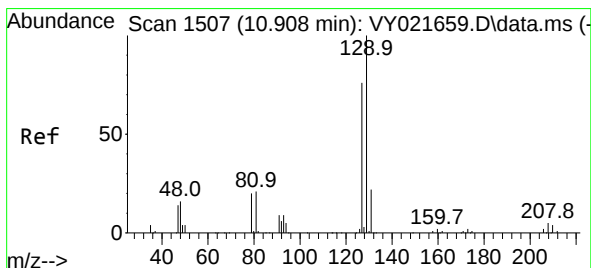
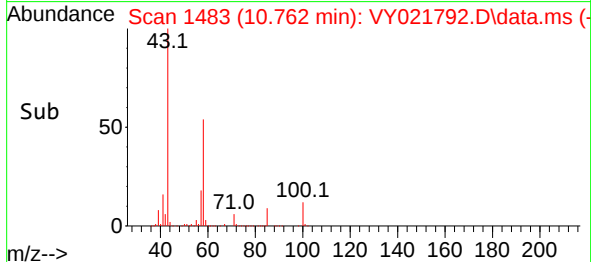
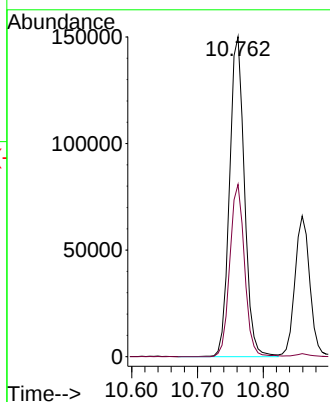
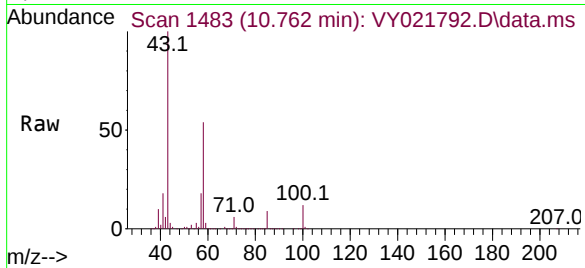




#59
2-Hexanone
Concen: 288.335 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

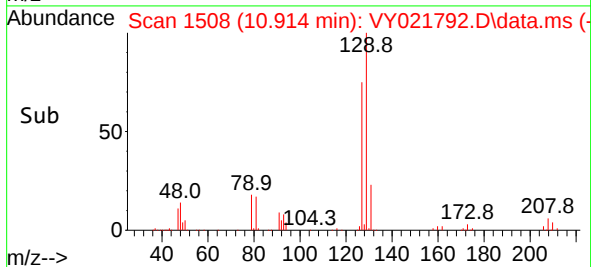
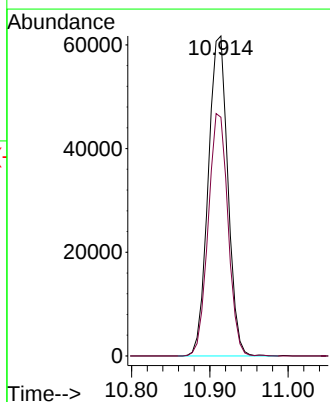
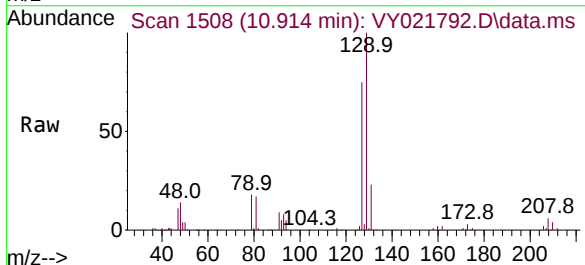
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

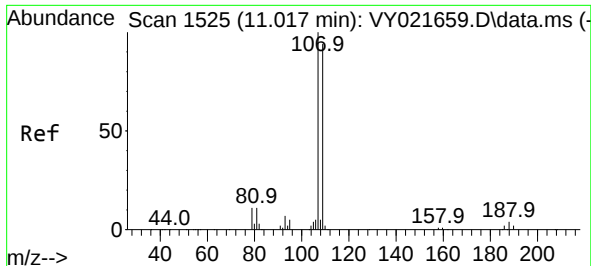
Tgt Ion: 43 Resp: 237017
Ion Ratio Lower Upper
43 100
58 53.2 27.2 81.5



#60
Dibromochloromethane
Concen: 56.412 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 129 Resp: 107386
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.7

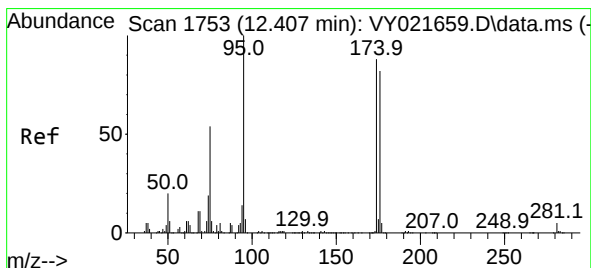
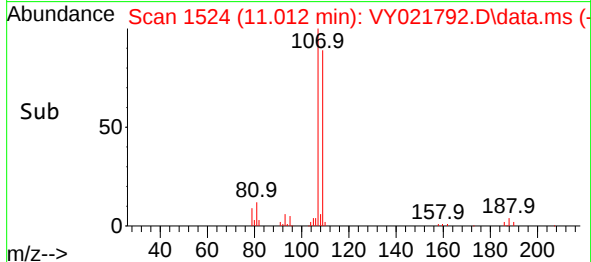
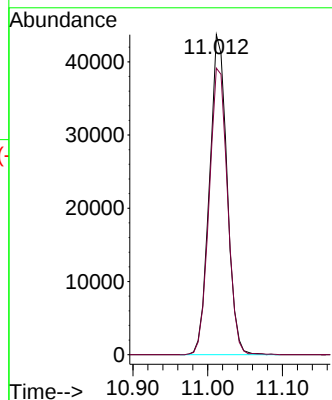
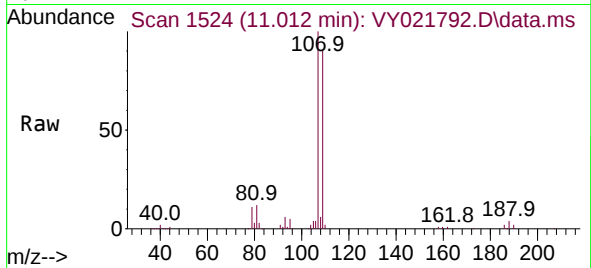




#61
1,2-Dibromoethane
Concen: 54.475 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

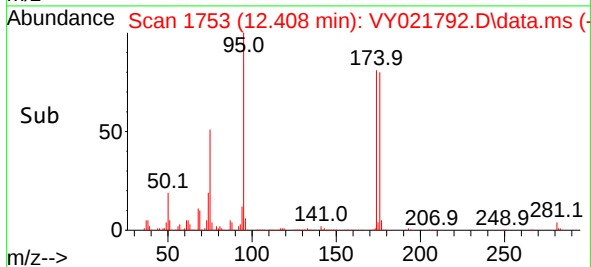
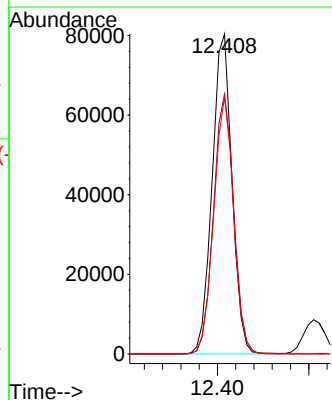
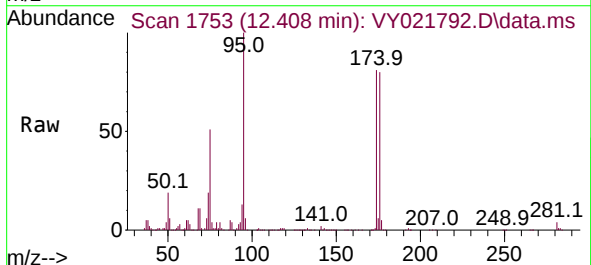
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

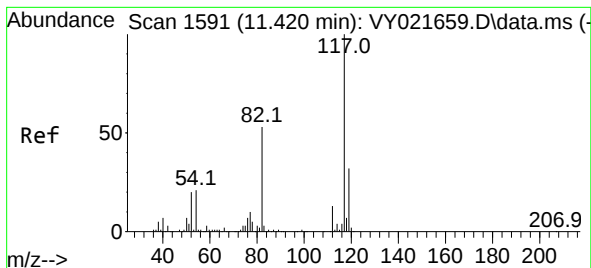
Tgt Ion:107 Resp: 71249
Ion Ratio Lower Upper
107 100
109 93.4 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 54.025 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 95 Resp: 121039
Ion Ratio Lower Upper
95 100
174 82.9 0.0 170.8
176 80.3 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

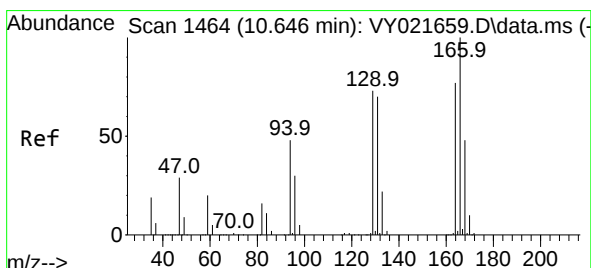
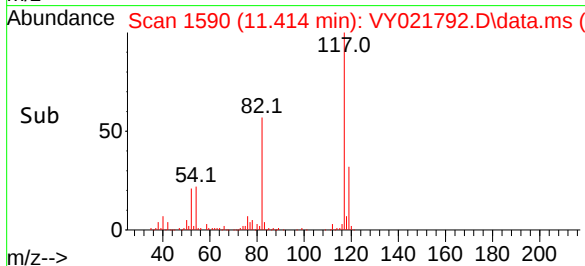
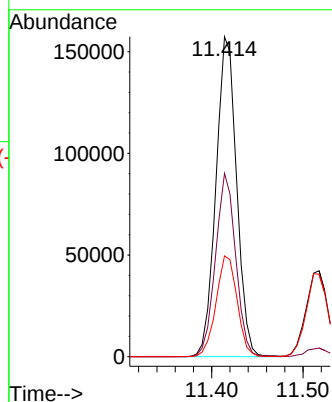
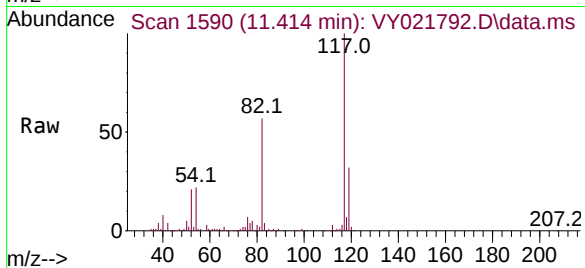
Tgt Ion:117 Resp: 248171

Ion Ratio Lower Upper

117 100

82 57.3 42.8 64.2

119 31.5 25.7 38.5



#64

Tetrachloroethene

Concen: 51.070 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Tgt Ion:164 Resp: 115433

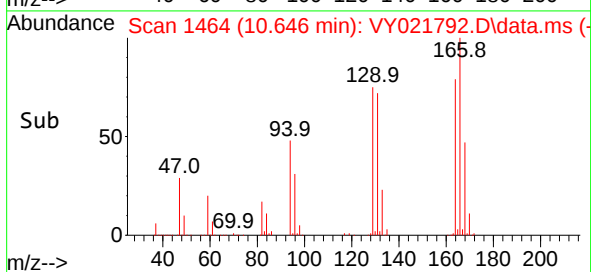
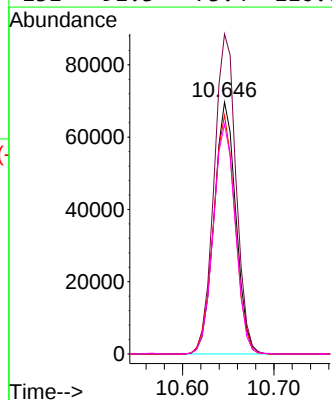
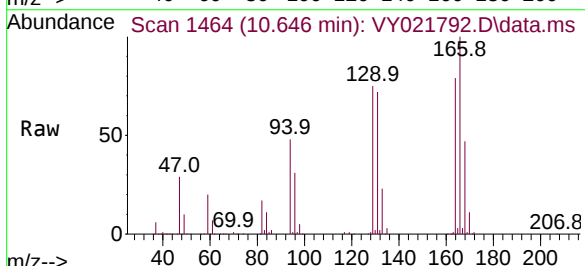
Ion Ratio Lower Upper

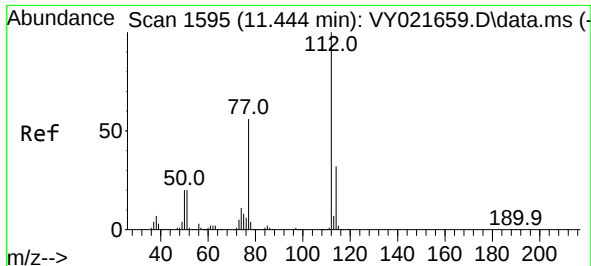
164 100

166 127.0 104.6 156.8

129 94.8 76.6 114.8

131 91.3 73.4 110.0

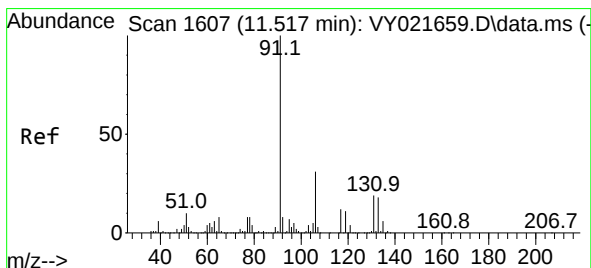
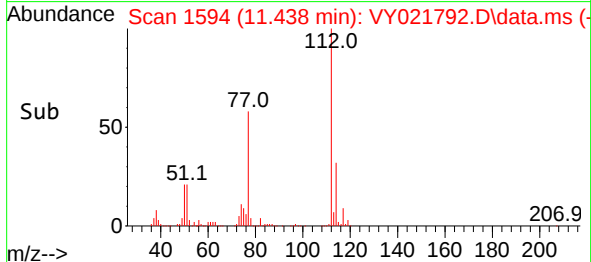
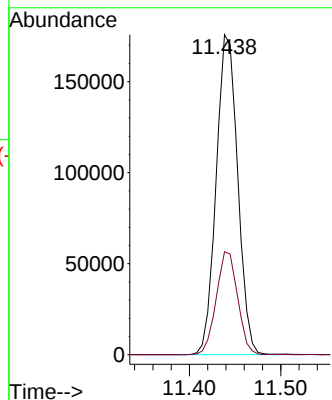
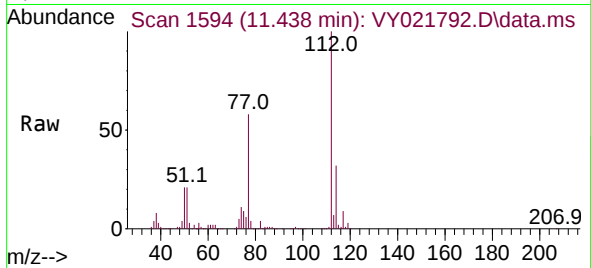




#65
Chlorobenzene
Concen: 50.644 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

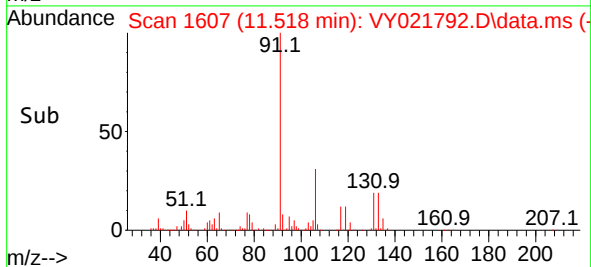
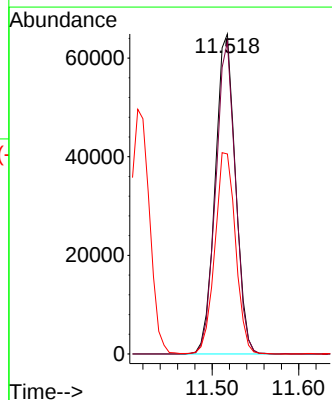
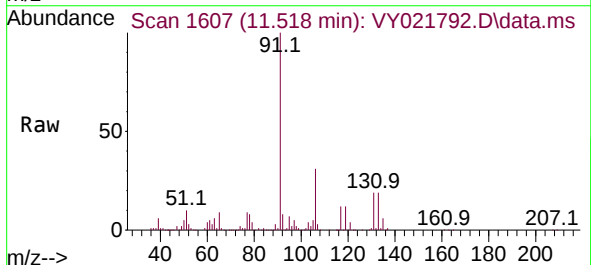
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

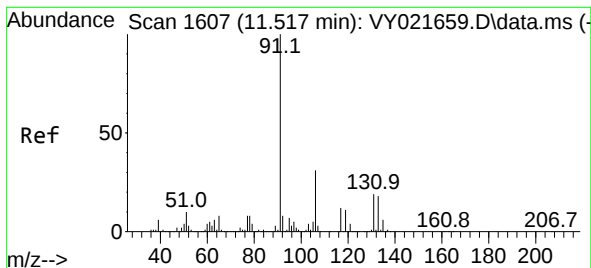
Tgt Ion:112 Resp: 288107
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.241 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion:131 Resp: 105444
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 64.1 31.6 95.0





#67

Ethyl Benzene

Concen: 51.739 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

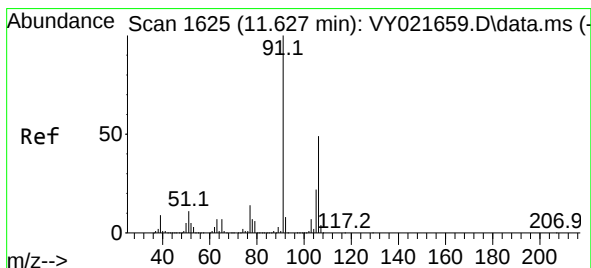
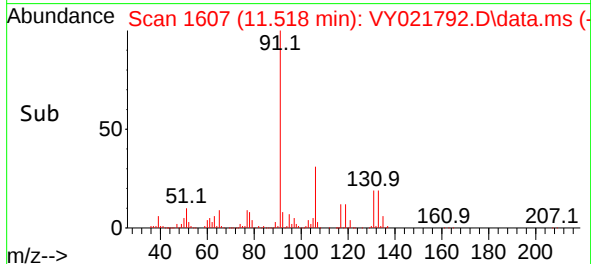
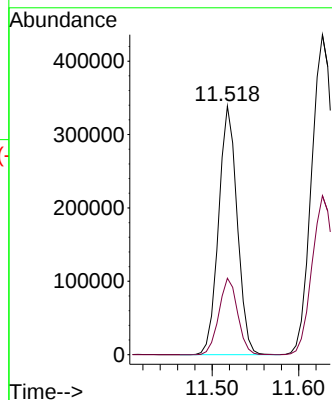
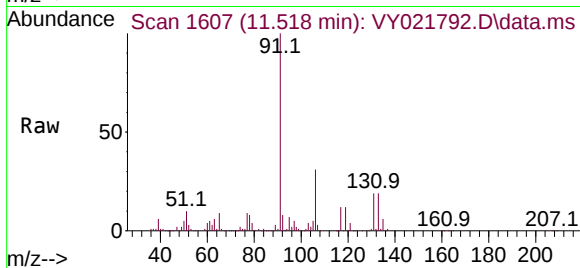
VSTDCCC050EC

Tgt Ion: 91 Resp: 504722

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 103.189 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021792.D

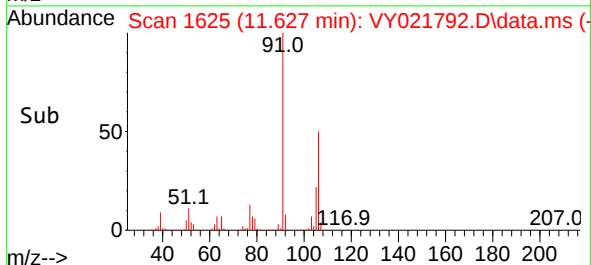
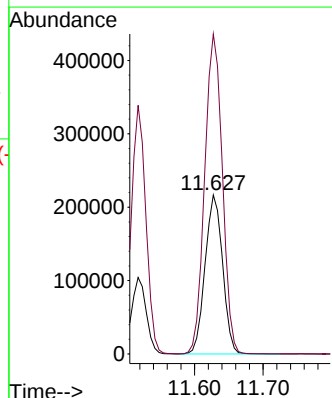
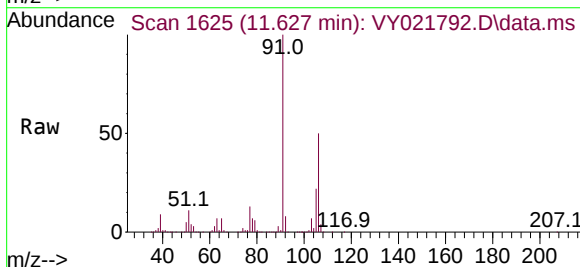
Acq: 04 Apr 2025 17:44

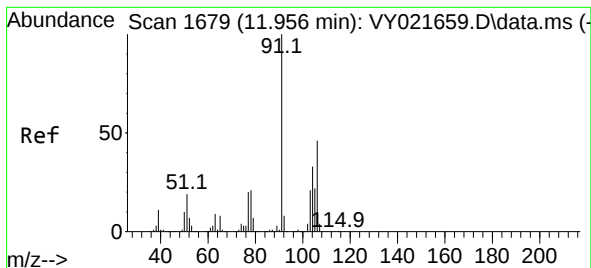
Tgt Ion: 106 Resp: 385465

Ion Ratio Lower Upper

106 100

91 202.9 162.4 243.6





#69

o-Xylene

Concen: 52.528 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

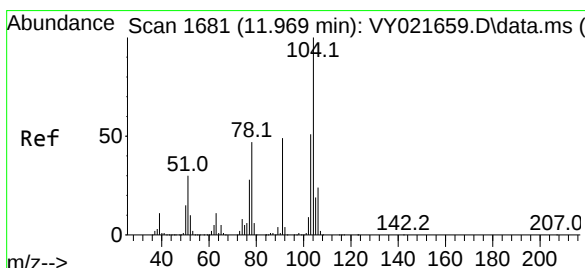
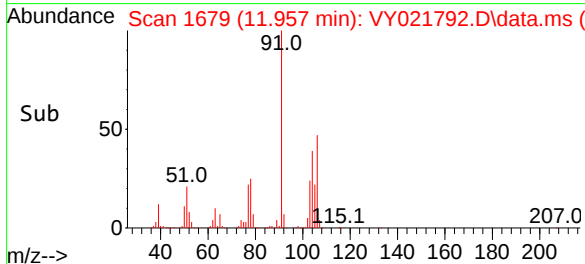
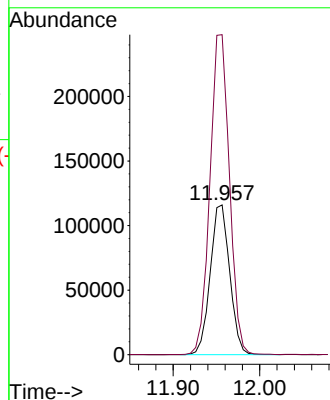
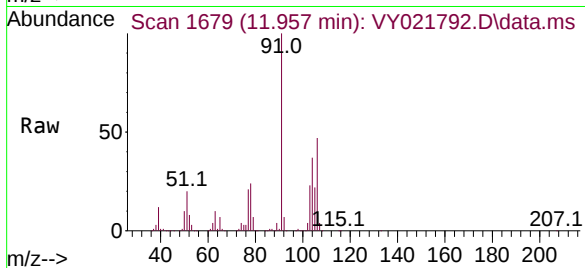
VSTDCCC050EC

Tgt Ion:106 Resp: 181127

Ion Ratio Lower Upper

106 100

91 214.3 106.7 319.9



#70

Styrene

Concen: 54.028 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

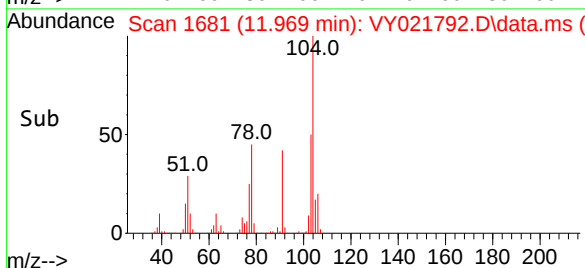
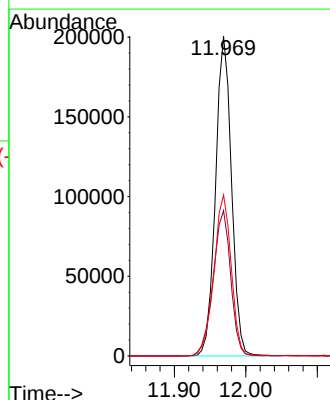
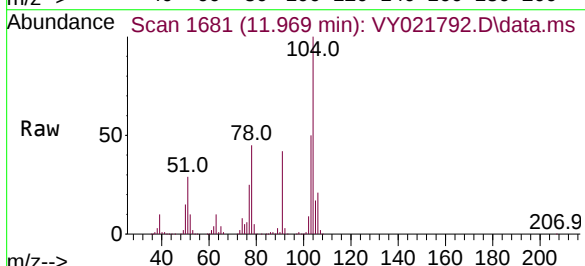
Tgt Ion:104 Resp: 310624

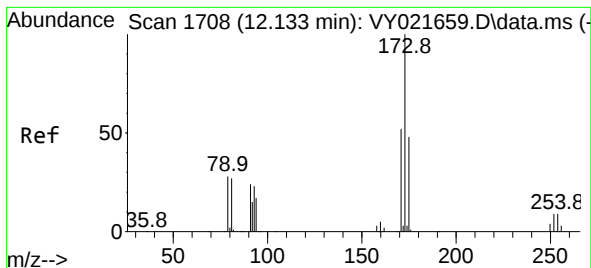
Ion Ratio Lower Upper

104 100

78 50.2 40.8 61.2

103 54.5 44.2 66.2





#71

Bromoform

Concen: 54.280 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

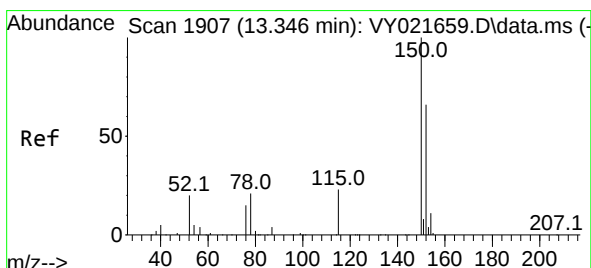
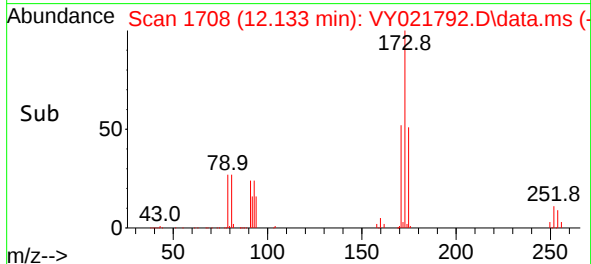
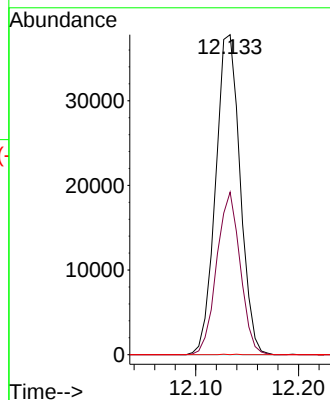
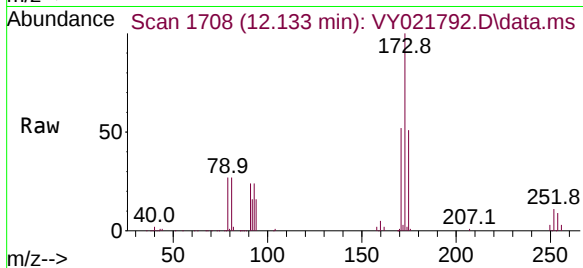
Tgt Ion:173 Resp: 62495

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

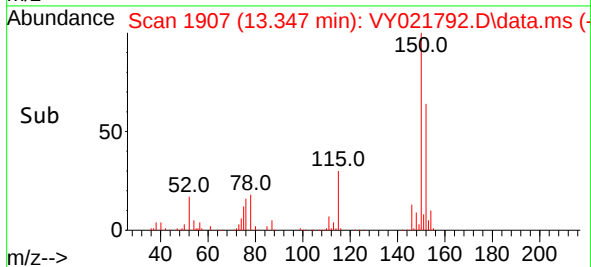
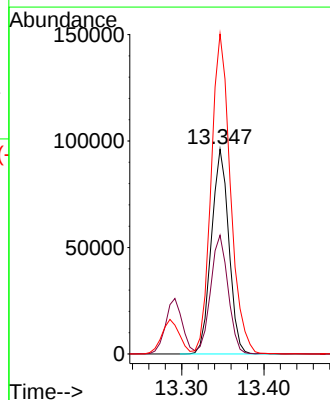
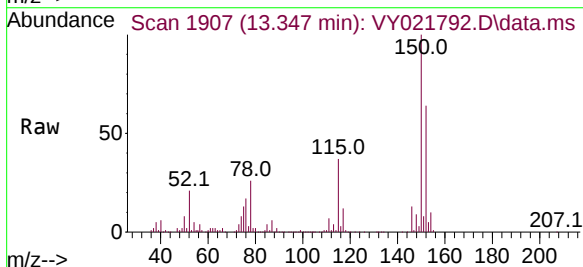
Tgt Ion:152 Resp: 141740

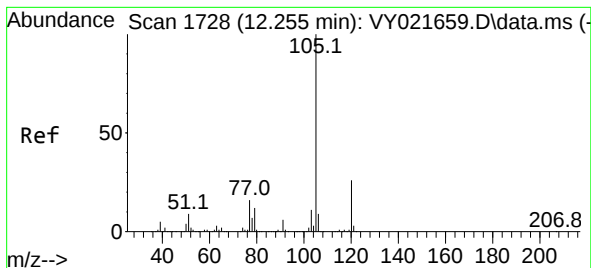
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 173.1 0.0 348.4





#73

Isopropylbenzene

Concen: 46.563 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

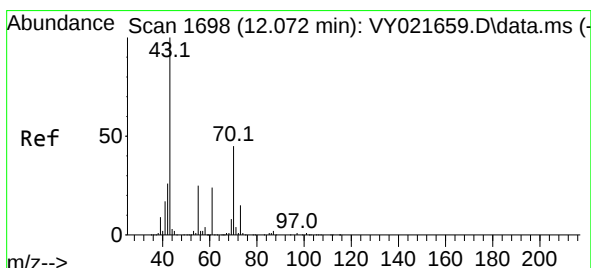
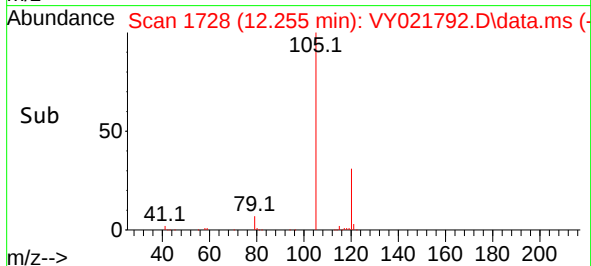
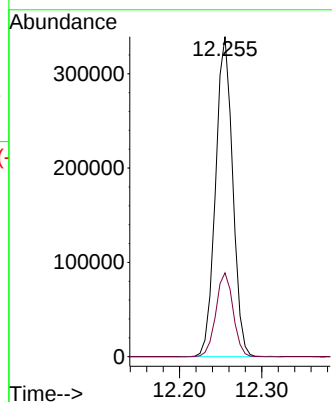
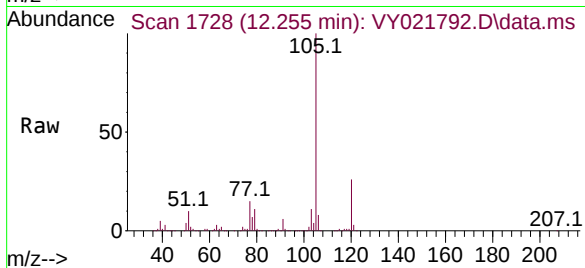
VSTDCCC050EC

Tgt Ion:105 Resp: 490199

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 44.542 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Tgt Ion: 43 Resp: 110051

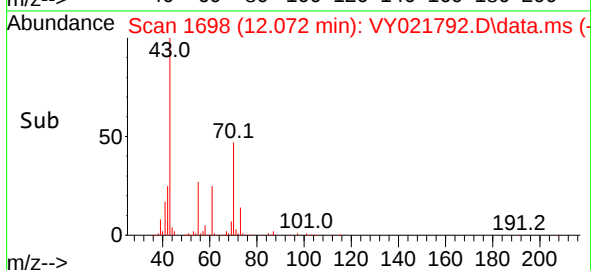
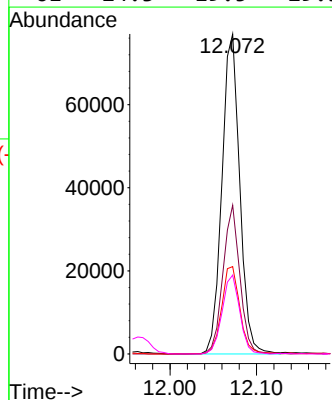
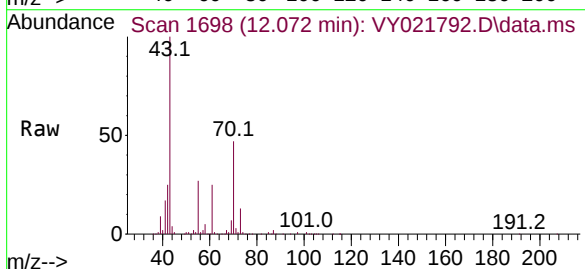
Ion Ratio Lower Upper

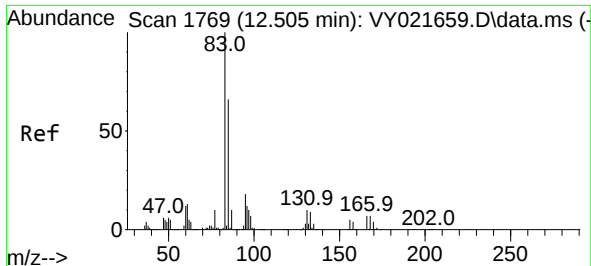
43 100

70 44.1 34.7 52.1

55 28.0 21.2 31.8

61 24.3 19.5 29.3

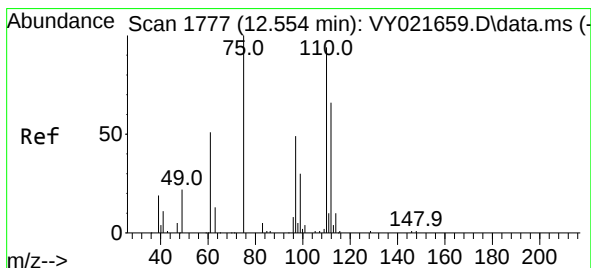
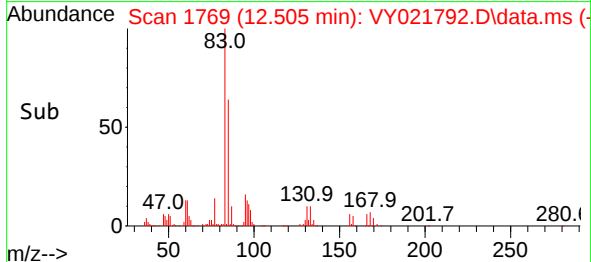
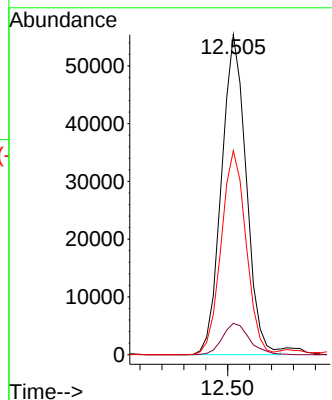
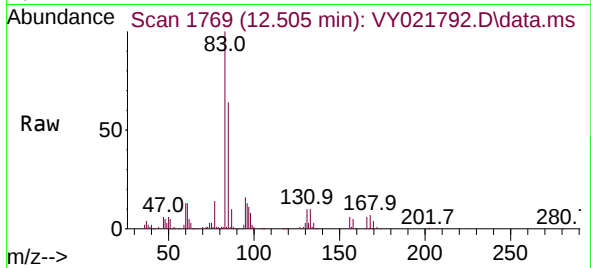




#75
1,1,2,2-Tetrachloroethane
Concen: 45.870 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

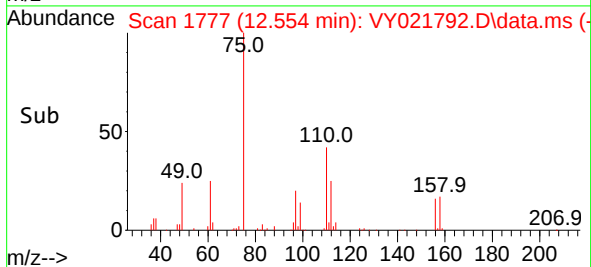
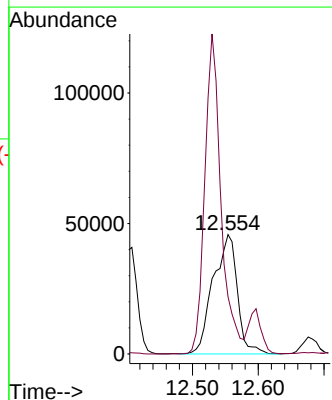
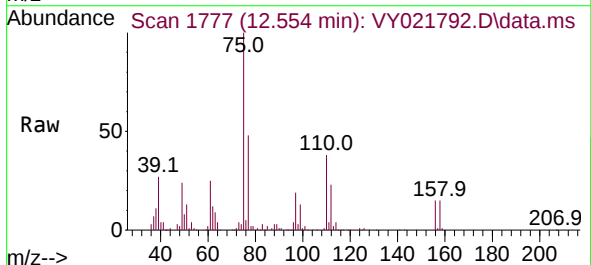
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

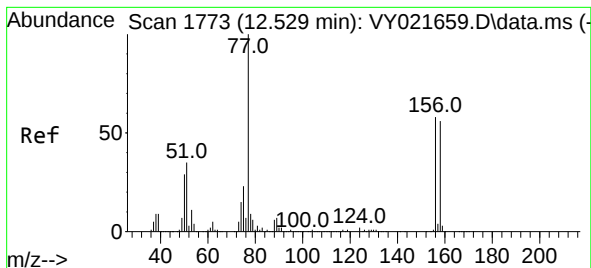
Tgt Ion: 83 Resp: 86820
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 64.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 83.395 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 75 Resp: 117171
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.591 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

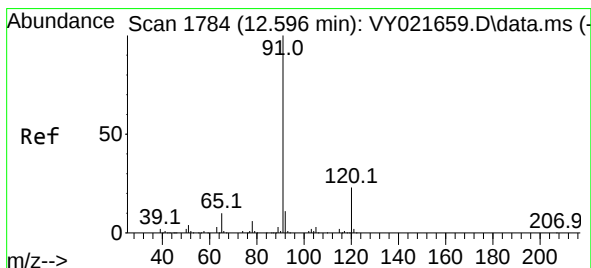
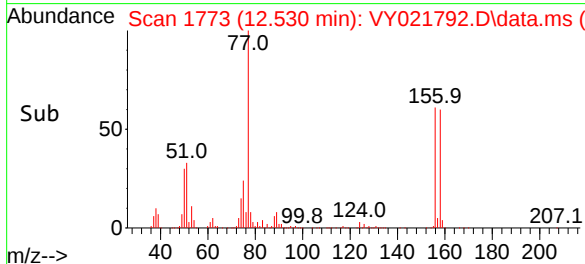
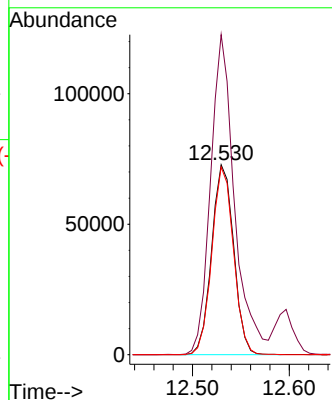
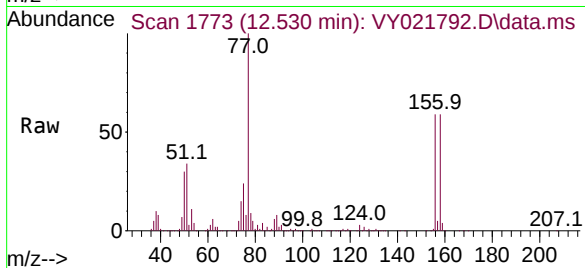
Tgt Ion:156 Resp: 115240

Ion Ratio Lower Upper

156 100

77 183.6 92.8 278.3

158 97.1 48.5 145.6



#78

n-propylbenzene

Concen: 47.555 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021792.D

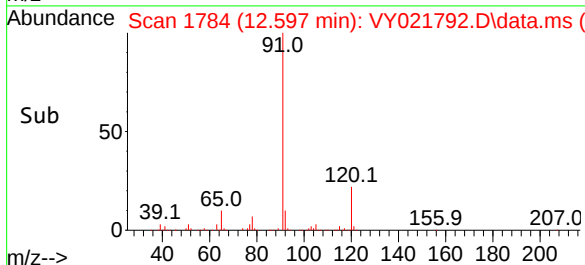
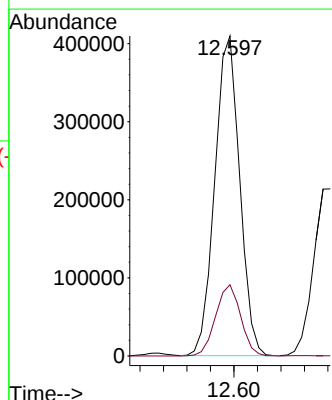
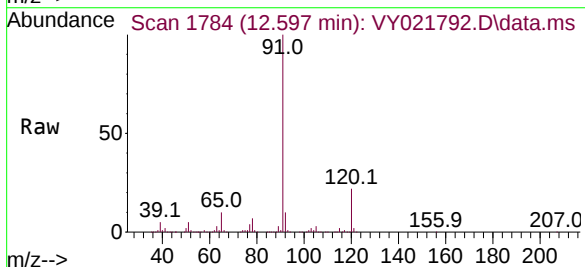
Acq: 04 Apr 2025 17:44

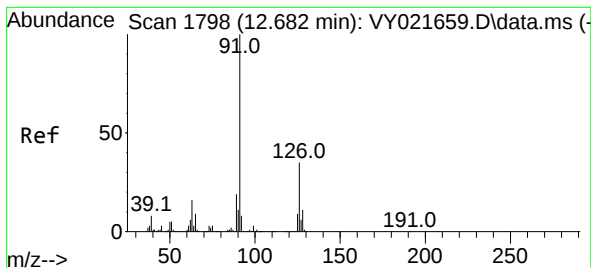
Tgt Ion: 91 Resp: 601889

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.9

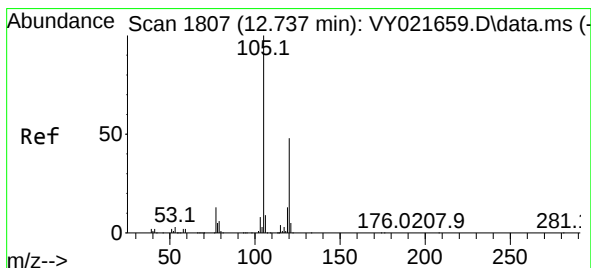
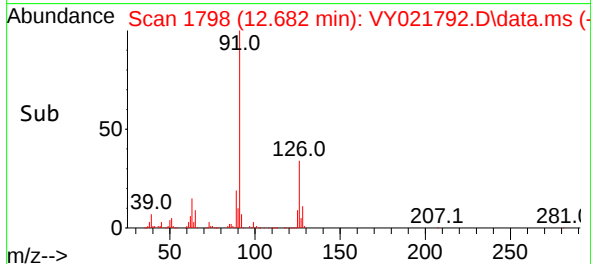
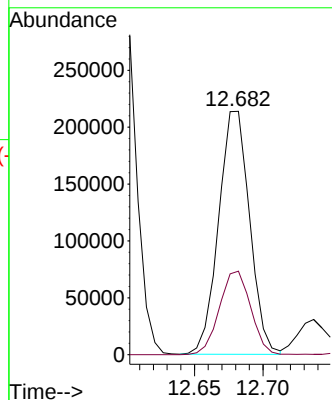
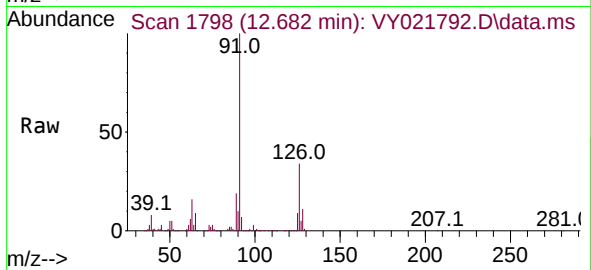




#79
2-Chlorotoluene
Concen: 45.910 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

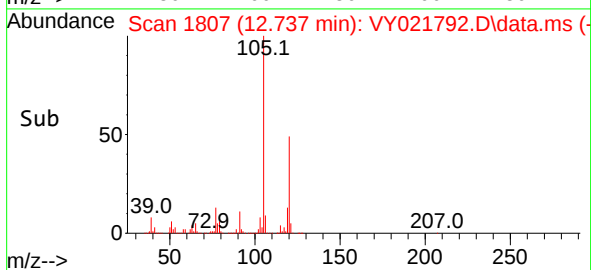
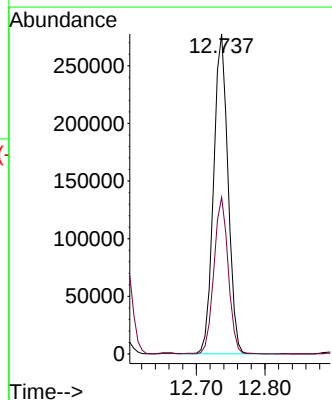
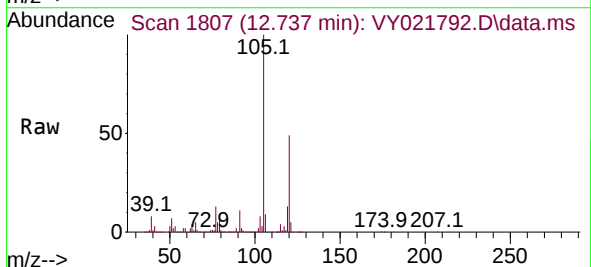
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

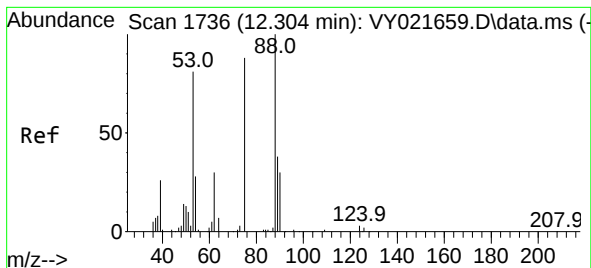
Tgt Ion: 91 Resp: 337495
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 47.086 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 105 Resp: 405133
Ion Ratio Lower Upper
105 100
120 48.5 24.5 73.5

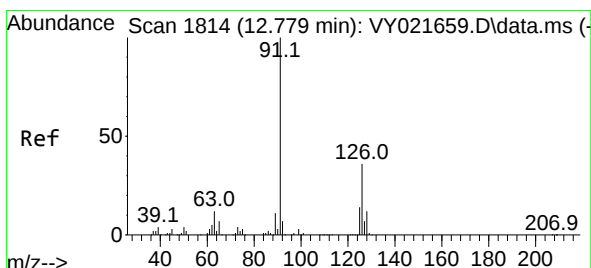
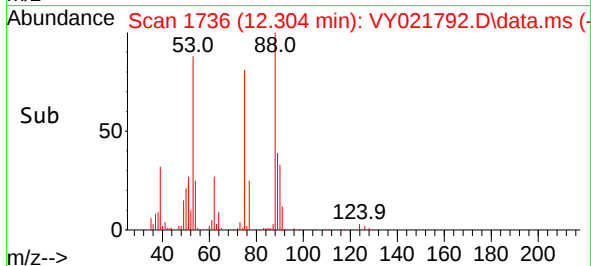
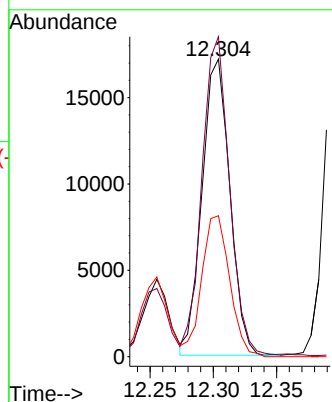
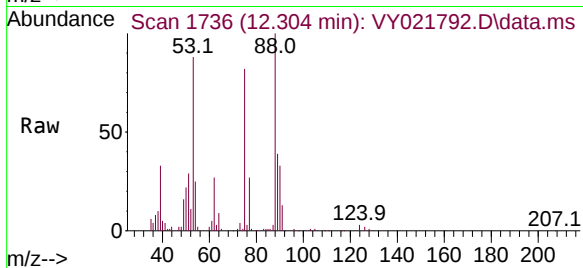




#81
trans-1,4-Dichloro-2-butene
Concen: 43.020 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

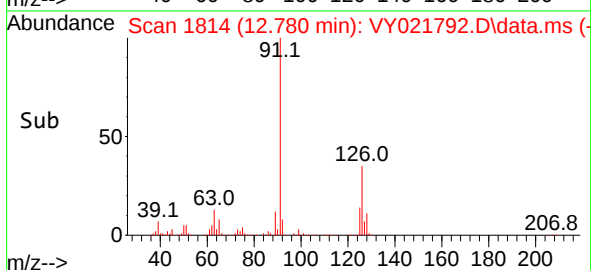
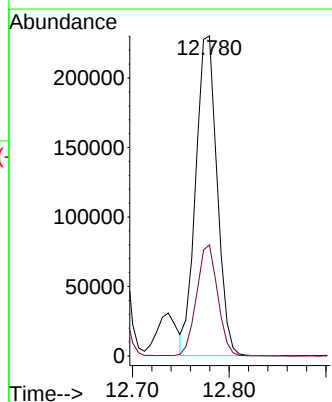
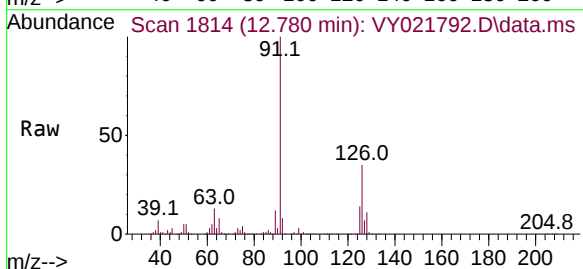
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

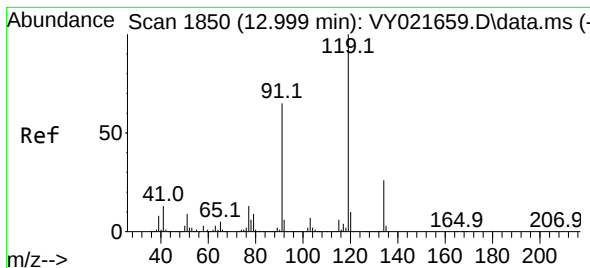
Tgt Ion: 75 Resp: 26232
Ion Ratio Lower Upper
75 100
53 107.2 76.1 114.1
89 48.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 46.082 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 91 Resp: 353167
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9

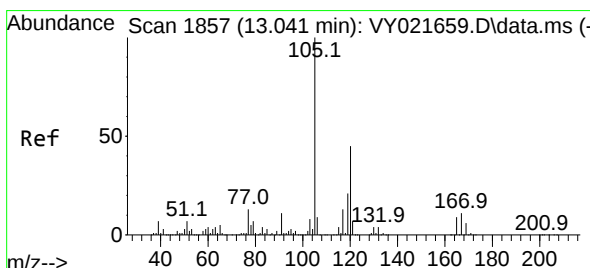
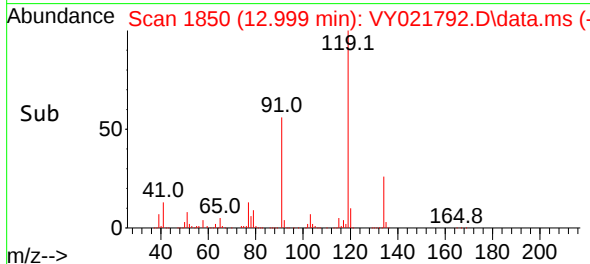
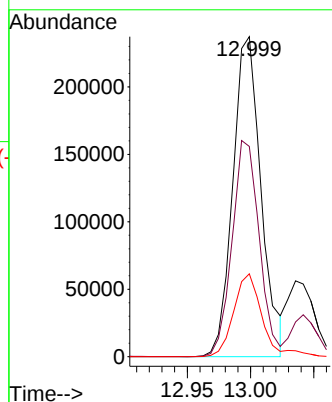
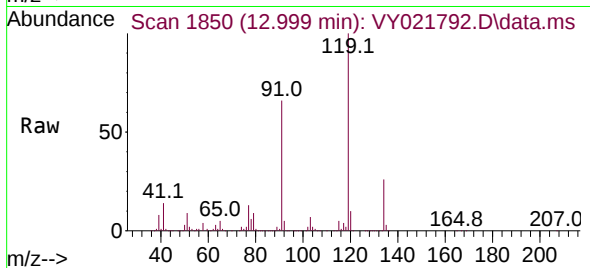




#83
 tert-Butylbenzene
 Concen: 48.092 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021792.D
 Acq: 04 Apr 2025 17:44

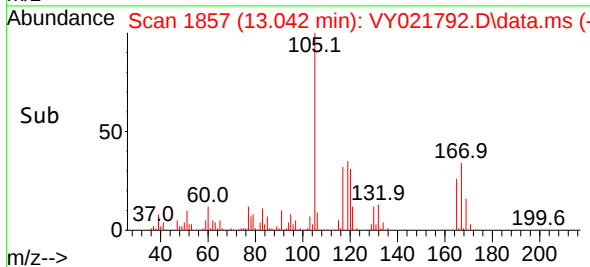
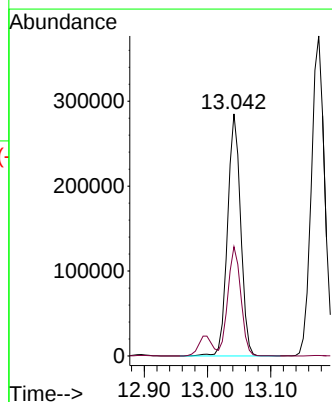
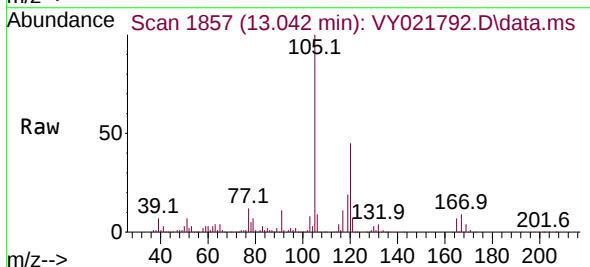
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

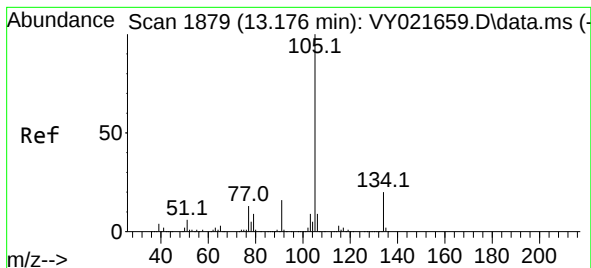
Tgt Ion:119 Resp: 368560
 Ion Ratio Lower Upper
 119 100
 91 65.1 32.6 97.7
 134 26.2 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 47.974 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY021792.D
 Acq: 04 Apr 2025 17:44

Tgt Ion:105 Resp: 407964
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 48.717 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

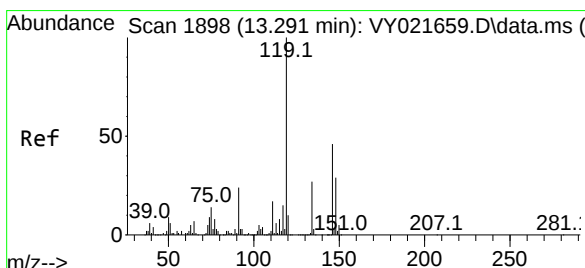
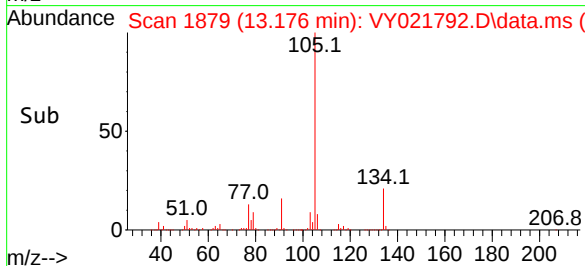
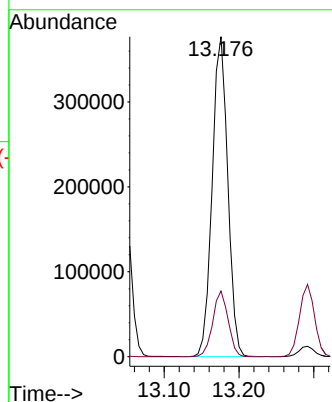
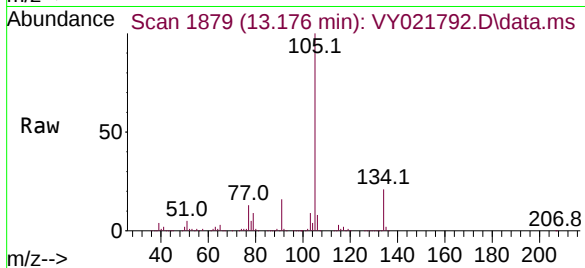
VSTDCCC050EC

Tgt Ion:105 Resp: 545612

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.991 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

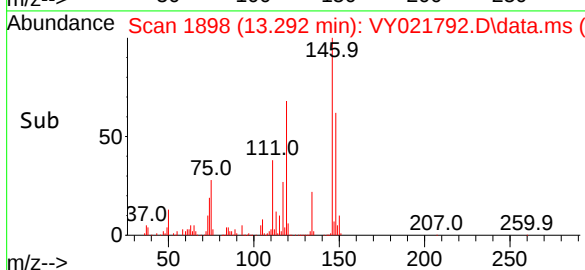
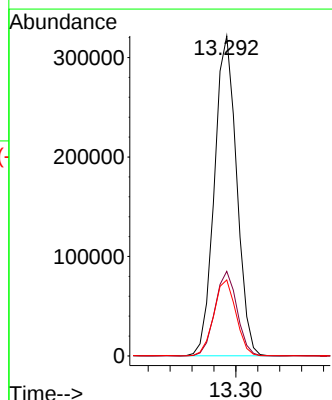
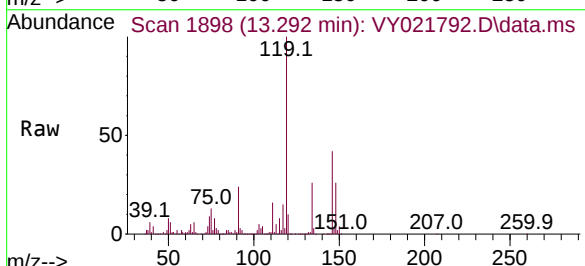
Tgt Ion:119 Resp: 453488

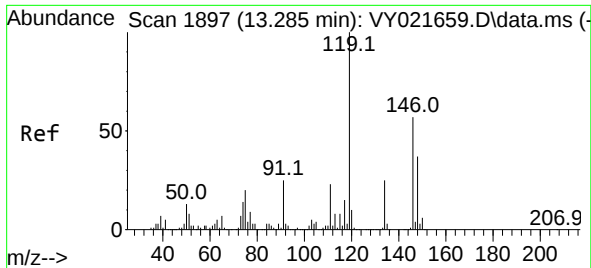
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.8 12.0 36.0

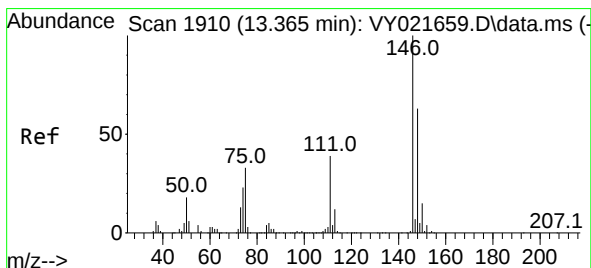
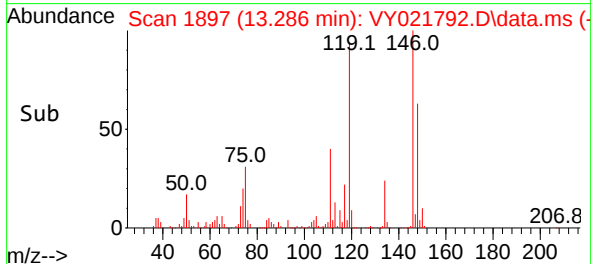
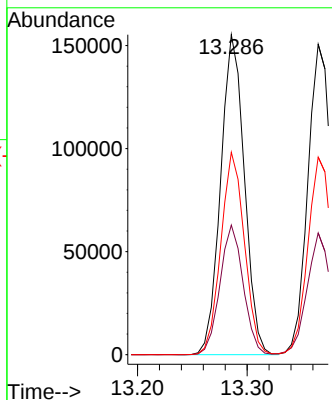
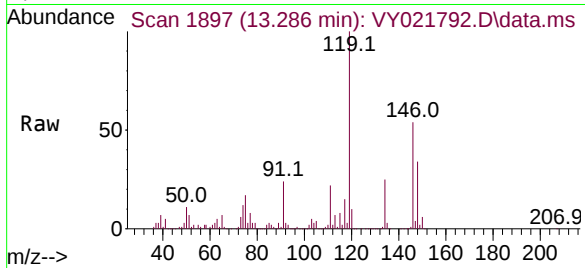




#87
1,3-Dichlorobenzene
Concen: 46.907 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

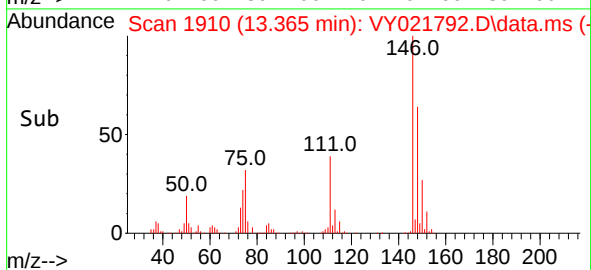
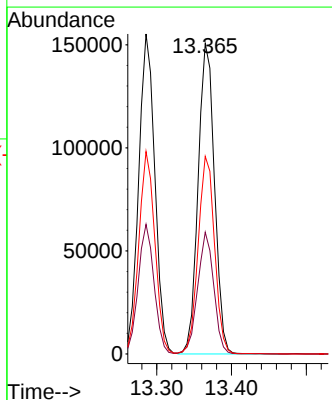
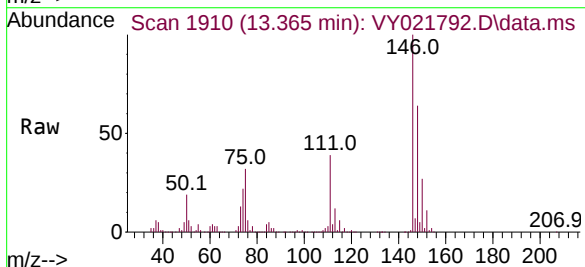
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

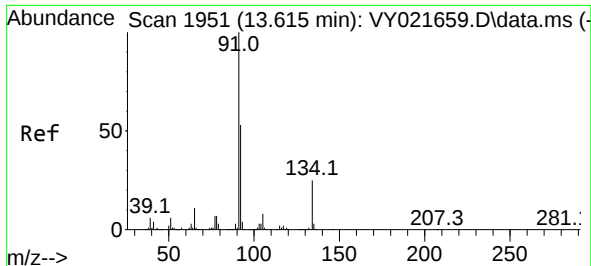
Tgt Ion:146 Resp: 233593
Ion Ratio Lower Upper
146 100
111 39.7 20.0 60.0
148 62.7 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 46.644 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion:146 Resp: 229501
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 63.5 31.5 94.5

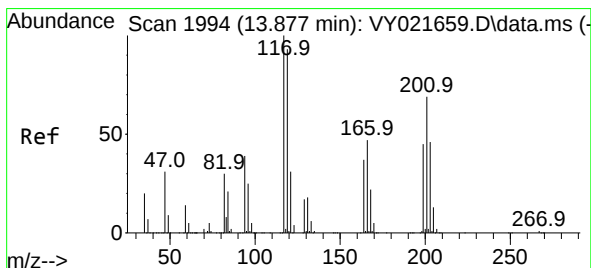
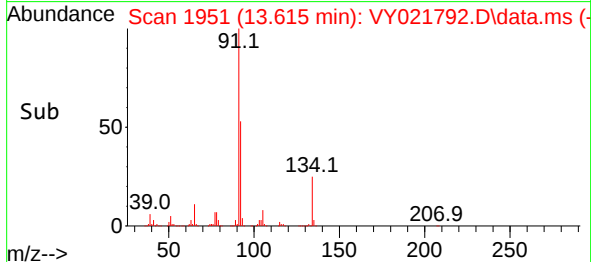
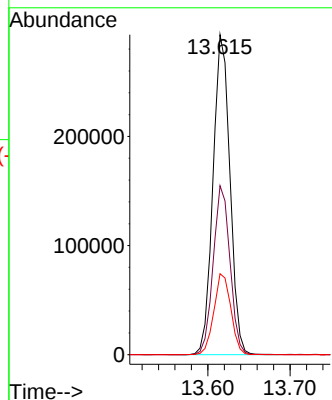
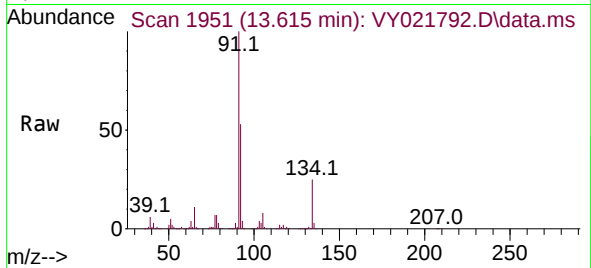




#89
n-Butylbenzene
Concen: 49.033 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

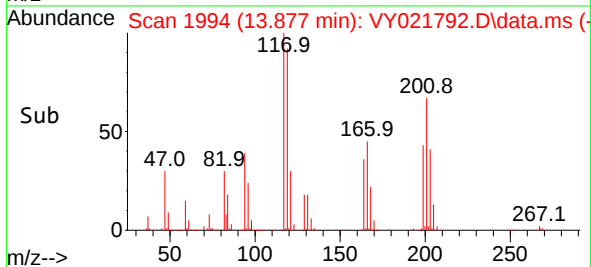
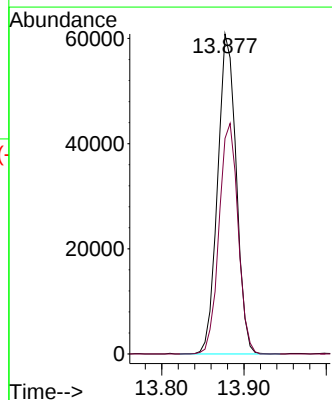
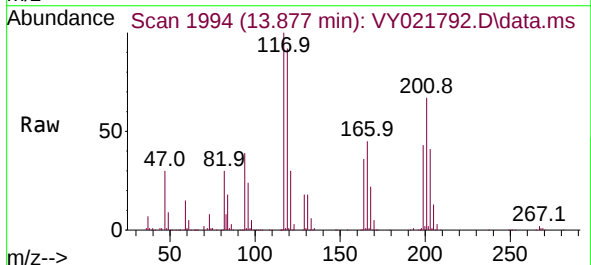
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

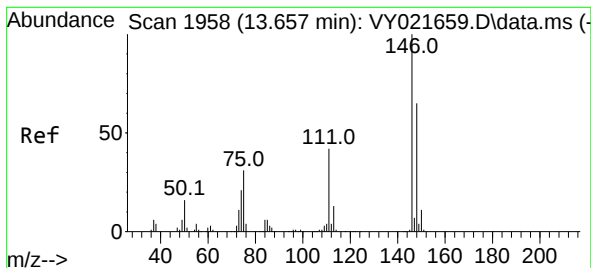
Tgt Ion: 91 Resp: 419749
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.2
134 25.4 12.8 38.4



#90
Hexachloroethane
Concen: 47.153 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 117 Resp: 95647
Ion Ratio Lower Upper
117 100
201 73.6 37.4 112.1

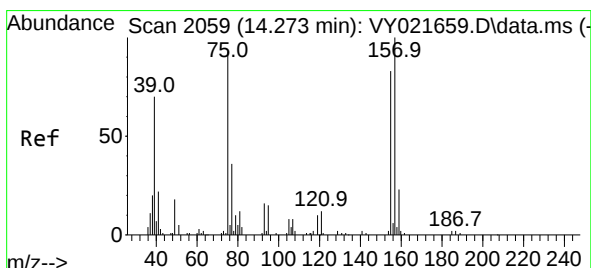
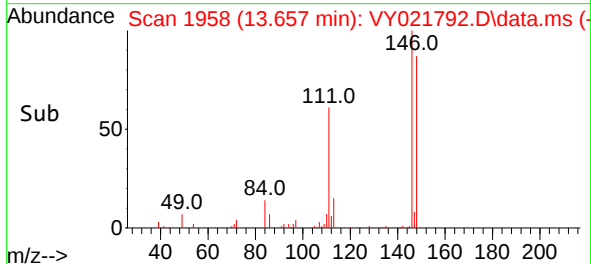
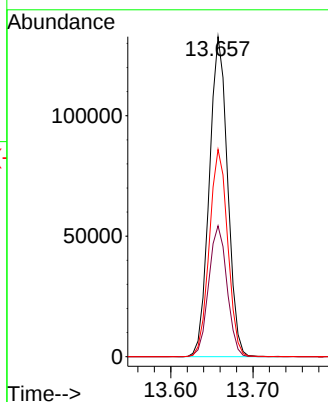
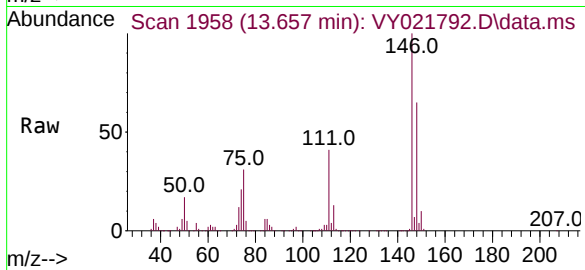




#91
1,2-Dichlorobenzene
Concen: 47.349 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

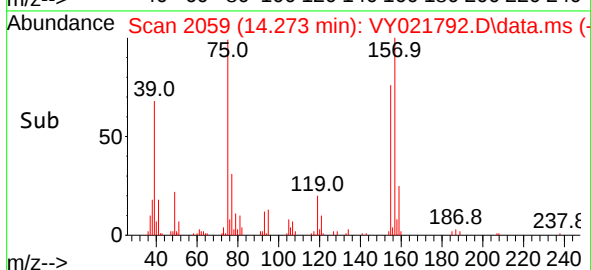
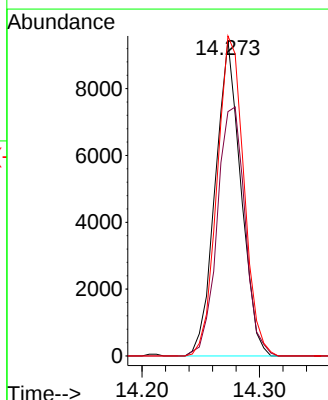
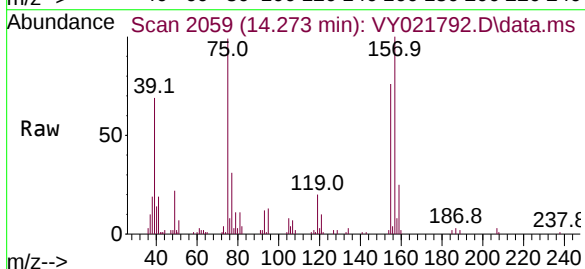
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

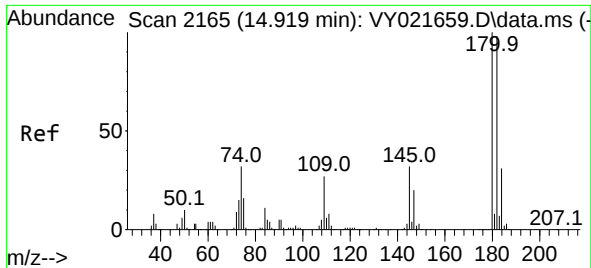
Tgt Ion:146 Resp: 205263
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 65.0 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.715 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion: 75 Resp: 14291
Ion Ratio Lower Upper
75 100
155 85.4 43.0 128.8
157 105.9 54.0 162.0

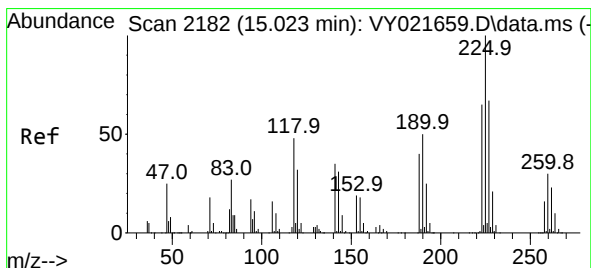
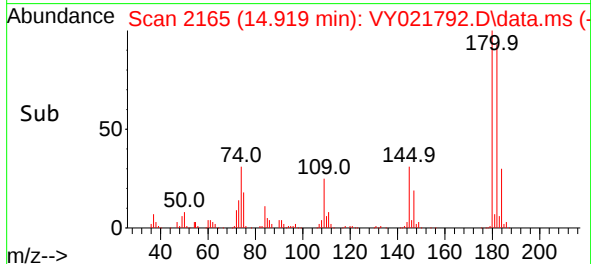
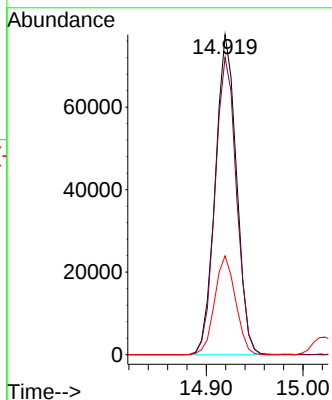
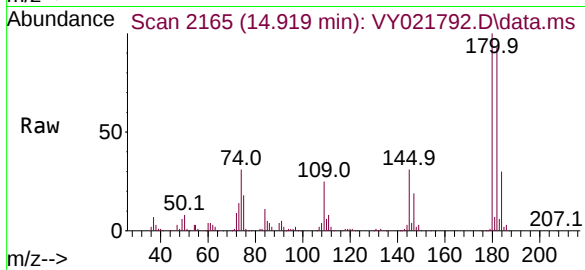




#93
1,2,4-Trichlorobenzene
Concen: 50.055 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

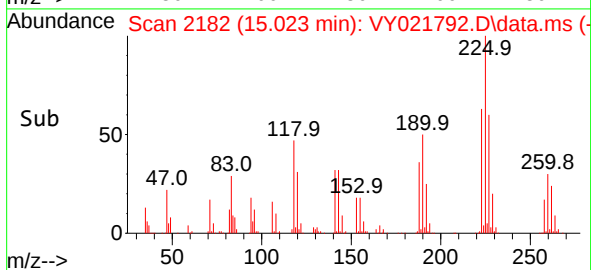
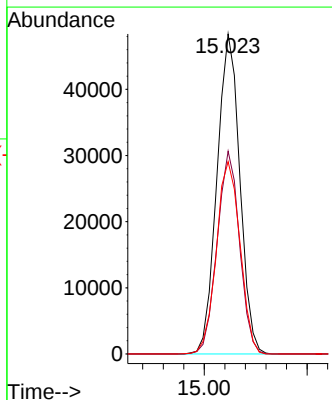
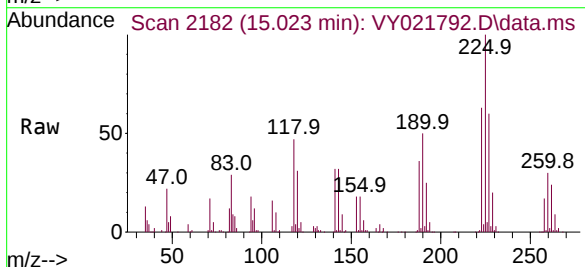
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

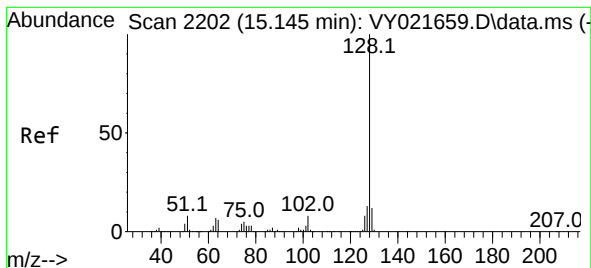
Tgt Ion:180 Resp: 117675
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.6
145 30.4 14.9 44.9



#94
Hexachlorobutadiene
Concen: 50.768 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021792.D
Acq: 04 Apr 2025 17:44

Tgt Ion:225 Resp: 74539
Ion Ratio Lower Upper
225 100
223 62.0 31.9 95.7
227 62.2 32.4 97.0





#95

Naphthalene

Concen: 54.294 ug/l

RT: 15.145 min Scan# 211567

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

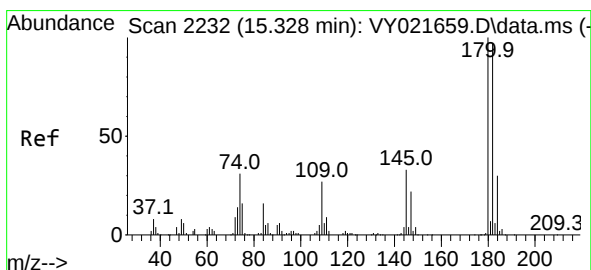
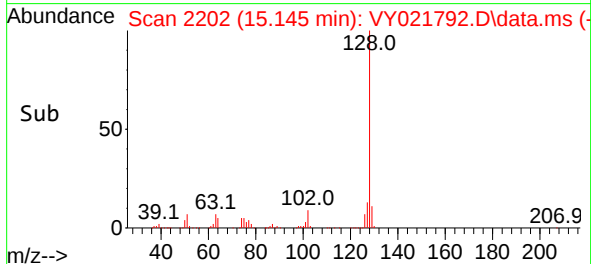
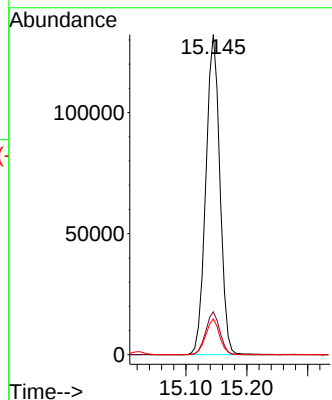
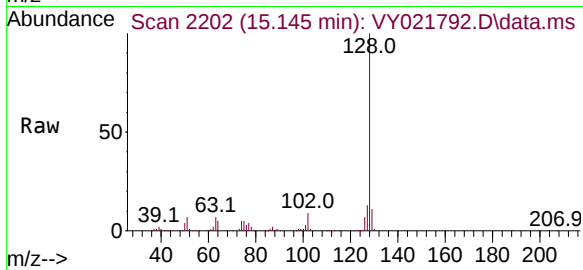
Tgt Ion:128 Resp: 211567

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 51.591 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021792.D

Acq: 04 Apr 2025 17:44

Tgt Ion:180 Resp: 103426

Ion Ratio Lower Upper

180 100

182 94.9 47.5 142.5

145 31.9 15.9 47.7

