

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
 Data File : VY021935.D
 Acq On : 21 Apr 2025 09:08
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 22 02:42:46 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	190380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	283274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	258729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	137455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98896	47.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.634	113	97606	53.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.240%
50) Toluene-d8	10.109	98	369261	52.823	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.640%
62) 4-Bromofluorobenzene	12.408	95	124987	52.859	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.720%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	80280	40.684	ug/l	98
3) Chloromethane	2.068	50	133714	48.191	ug/l	99
4) Vinyl Chloride	2.202	62	141713	45.162	ug/l	100
5) Bromomethane	2.592	94	99583	46.530	ug/l	100
6) Chloroethane	2.733	64	98450	47.947	ug/l	98
7) Trichlorofluoromethane	3.056	101	181583	45.174	ug/l	99
8) Diethyl Ether	3.458	74	49107	44.923	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	99584	46.972	ug/l	99
10) Methyl Iodide	4.001	142	116701	50.176	ug/l	99
11) Tert butyl alcohol	4.879	59	26367	196.800	ug/l	98
12) 1,1-Dichloroethene	3.787	96	90954	45.548	ug/l	93
13) Acrolein	3.653	56	7776	31.786	ug/l	95
14) Allyl chloride	4.385	41	148952	46.783	ug/l	100
15) Acrylonitrile	5.061	53	106838	234.077	ug/l	99
16) Acetone	3.873	43	89088	211.031	ug/l	99
17) Carbon Disulfide	4.104	76	283988	43.177	ug/l	100
18) Methyl Acetate	4.391	43	72050	68.864	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	235137	47.296	ug/l	98
20) Methylene Chloride	4.616	84	107251	52.080	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	107757	49.010	ug/l	93
22) Diisopropyl ether	6.019	45	334898	50.142	ug/l	98
23) Vinyl Acetate	5.964	43	856132	219.115	ug/l	99
24) 1,1-Dichloroethane	5.915	63	197323	49.409	ug/l	98
25) 2-Butanone	6.896	43	132739	220.142	ug/l	100
26) 2,2-Dichloropropane	6.884	77	173398	48.810	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	124082	50.184	ug/l	97
28) Bromochloromethane	7.244	49	83053	49.310	ug/l	97
29) Tetrahydrofuran	7.262	42	88632	228.395	ug/l	99
30) Chloroform	7.421	83	208038	50.083	ug/l	95
31) Cyclohexane	7.701	56	154860	42.537	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	184005	49.012	ug/l	98
36) 1,1-Dichloropropene	7.835	75	140606	50.236	ug/l	98
37) Ethyl Acetate	6.982	43	60231	45.598	ug/l	99
38) Carbon Tetrachloride	7.817	117	165877	51.745	ug/l	97
39) Methylcyclohexane	9.110	83	162282	48.536	ug/l	98
40) Benzene	8.079	78	440049	52.500	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	30237	43.104	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	123821	52.400	ug/l	99
43) Isopropyl Acetate	8.195	43	114342	45.678	ug/l	99
44) Trichloroethene	8.866	130	115521	54.092	ug/l	98
45) 1,2-Dichloropropane	9.140	63	105155	53.000	ug/l	94
46) Dibromomethane	9.231	93	60539	52.944	ug/l	99
47) Bromodichloromethane	9.420	83	157500	53.157	ug/l	98
48) Methyl methacrylate	9.219	41	57239	49.822	ug/l	98
49) 1,4-Dioxane	9.231	88	11998	979.478	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	330745	253.898	ug/l	99
52) Toluene	10.170	92	285823	54.655	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	136654	51.926	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	162164	52.231	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	79140	53.782	ug/l	99
56) Ethyl methacrylate	10.439	69	95988	51.086	ug/l	97
57) 1,3-Dichloropropane	10.719	76	133988	52.723	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	257013	280.396	ug/l	99
59) 2-Hexanone	10.762	43	216755	249.845	ug/l	100
60) Dibromochloromethane	10.914	129	110446	54.974	ug/l	100
61) 1,2-Dibromoethane	11.018	107	73069	52.934	ug/l	99
64) Tetrachloroethene	10.646	164	132299	56.144	ug/l	96
65) Chlorobenzene	11.444	112	307970	51.926	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	110407	52.468	ug/l	99
67) Ethyl Benzene	11.518	91	535282	52.632	ug/l	100
68) m/p-Xylenes	11.627	106	416599	106.972	ug/l	99
69) o-Xylene	11.957	106	192539	53.559	ug/l	100
70) Styrene	11.969	104	332214	55.426	ug/l	99
71) Bromoform	12.133	173	63303	52.738	ug/l	100
73) Isopropylbenzene	12.255	105	509941	49.949	ug/l	99
74) N-amyl acetate	12.072	43	103900	43.363	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	81727	44.525	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	116907	85.801	ug/l #	100
77) Bromobenzene	12.536	156	122745	50.074	ug/l	97
78) n-propylbenzene	12.597	91	616586	50.235	ug/l	99
79) 2-Chlorotoluene	12.682	91	357709	50.177	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	423156	50.714	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	27279	46.131	ug/l	99
82) 4-Chlorotoluene	12.780	91	376375	50.641	ug/l	99
83) tert-Butylbenzene	12.999	119	363749	48.944	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	426708	51.742	ug/l	100
85) sec-Butylbenzene	13.176	105	542599	49.958	ug/l	100
86) p-Isopropyltoluene	13.292	119	466865	52.008	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	243945	50.512	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	240246	50.351	ug/l	99
89) n-Butylbenzene	13.621	91	419349	50.513	ug/l	99
90) Hexachloroethane	13.883	117	96849	49.234	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	213145	50.700	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	13095	46.030	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	119363	52.356	ug/l	100
94) Hexachlorobutadiene	15.029	225	73579	51.677	ug/l	98
95) Naphthalene	15.145	128	192802	51.020	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	100061	51.468	ug/l	99

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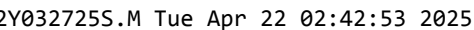
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MSVOA_Y
ClientSampleId :
VSTDCCC050

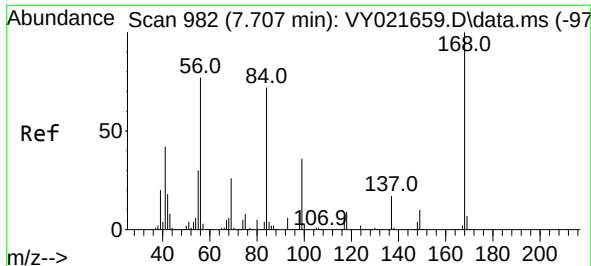
Quant Time: Apr 22 02:42:46 2025
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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

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

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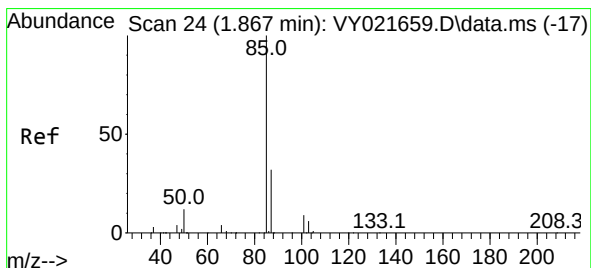
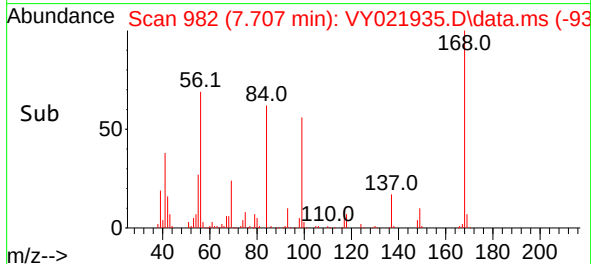
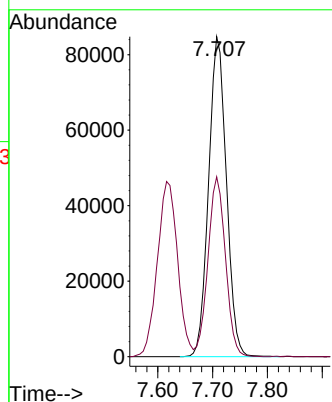
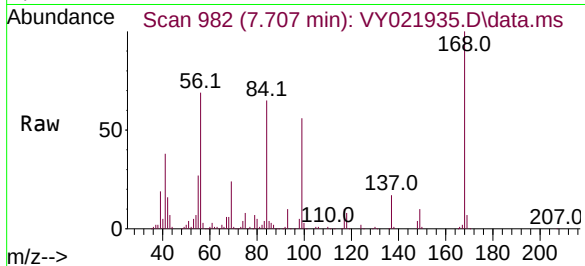




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021935.D
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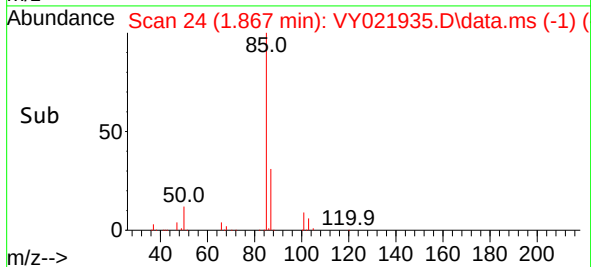
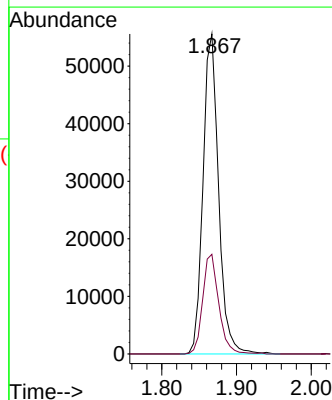
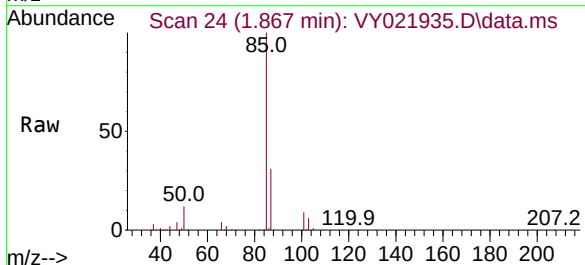
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

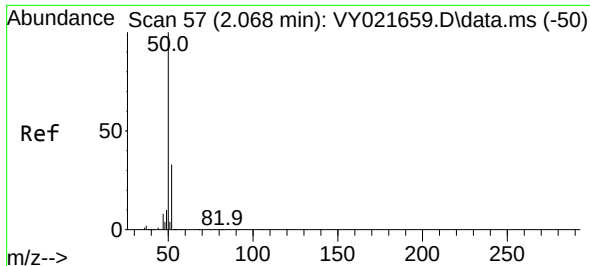
Tgt Ion:168 Resp: 190380
Ion Ratio Lower Upper
168 100
99 56.1 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 40.684 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 85 Resp: 80280
Ion Ratio Lower Upper
85 100
87 31.1 16.2 48.6

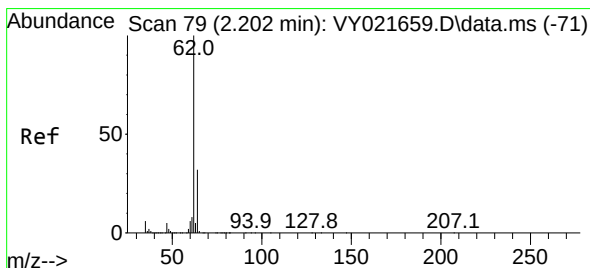
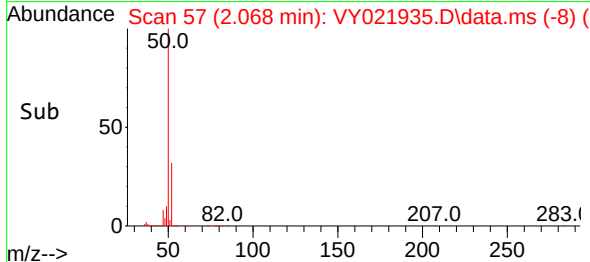
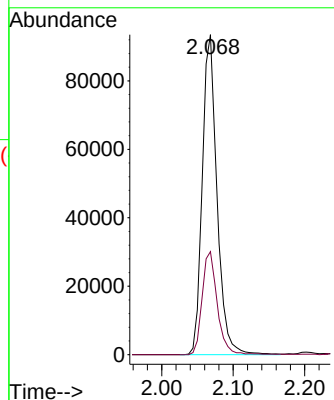
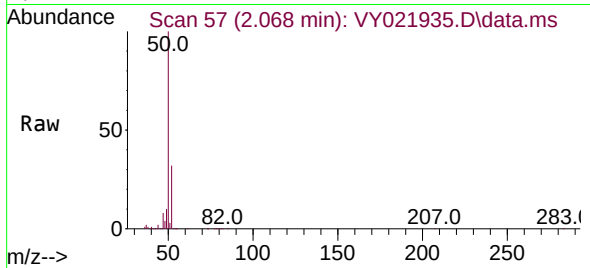




#3
Chloromethane
Concen: 48.191 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

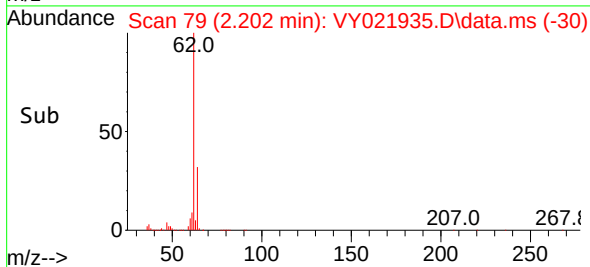
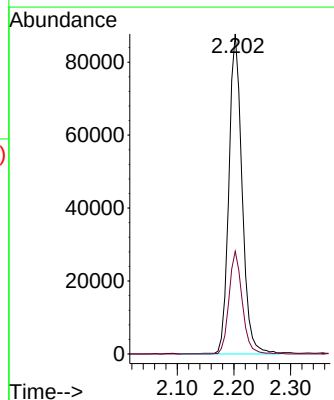
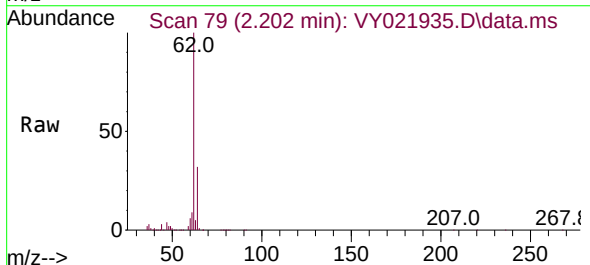
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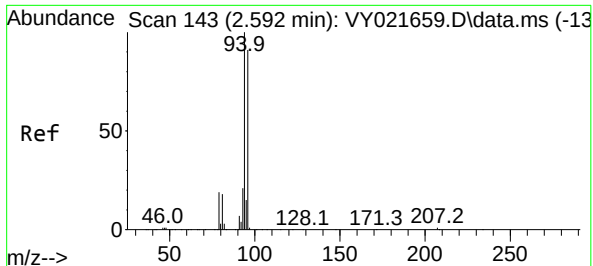
Tgt Ion: 50 Resp: 133714
Ion Ratio Lower Upper
50 100
52 32.2 26.3 39.5



#4
Vinyl Chloride
Concen: 45.162 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 62 Resp: 141713
Ion Ratio Lower Upper
62 100
64 32.1 25.5 38.3

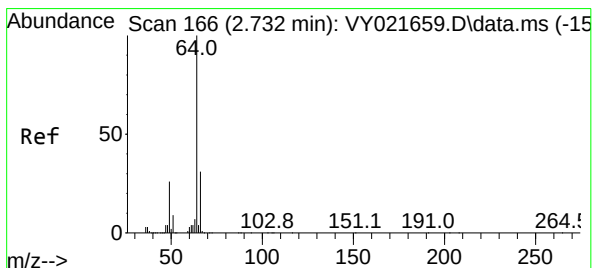
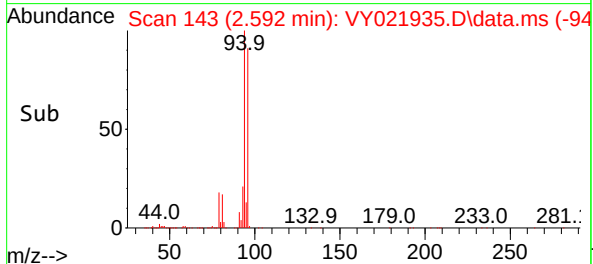
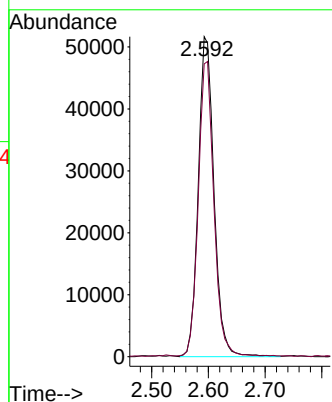
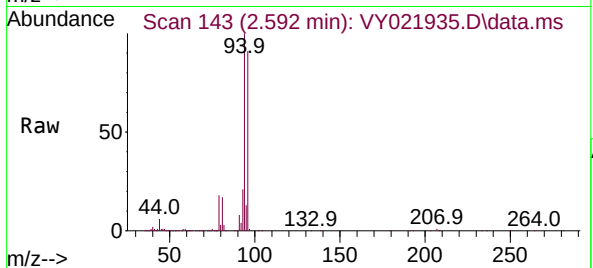




#5
Bromomethane
Concen: 46.530 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

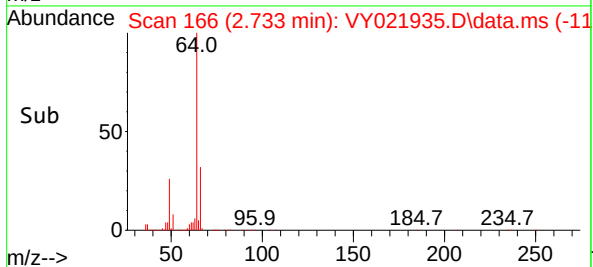
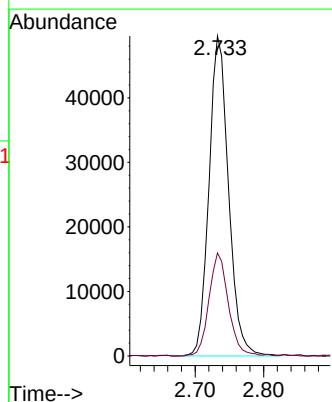
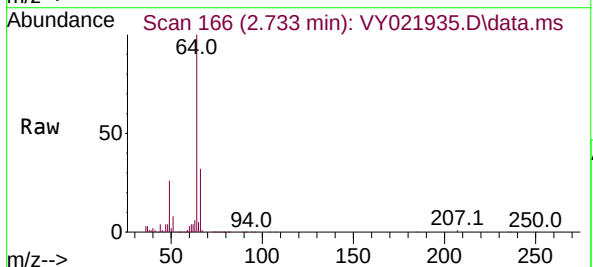
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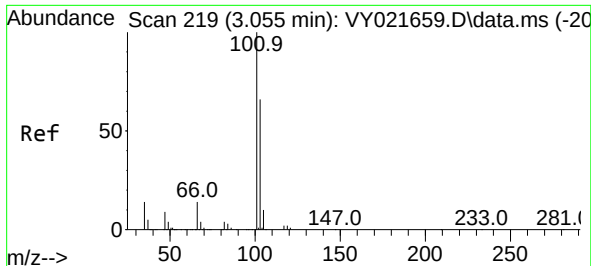
Tgt Ion: 94 Resp: 99583
Ion Ratio Lower Upper
94 100
96 91.2 72.8 109.2



#6
Chloroethane
Concen: 47.947 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 64 Resp: 98450
Ion Ratio Lower Upper
64 100
66 32.2 24.9 37.3

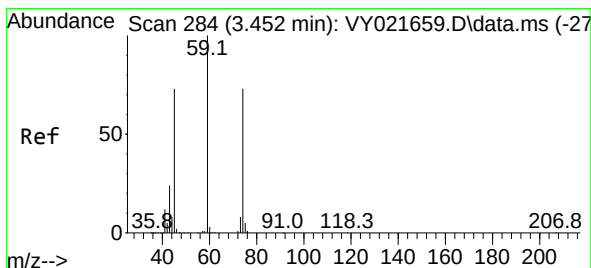
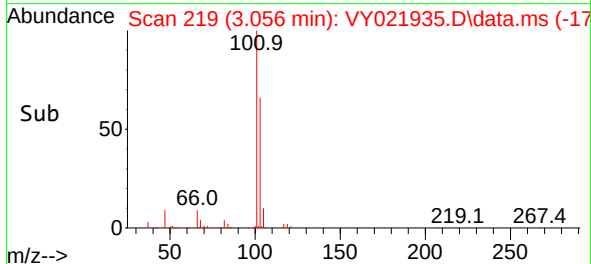
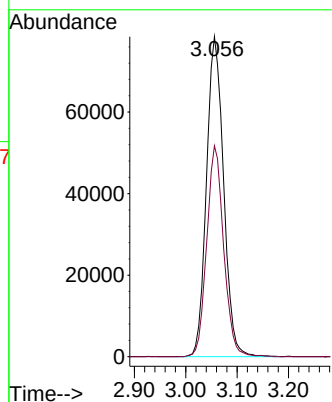
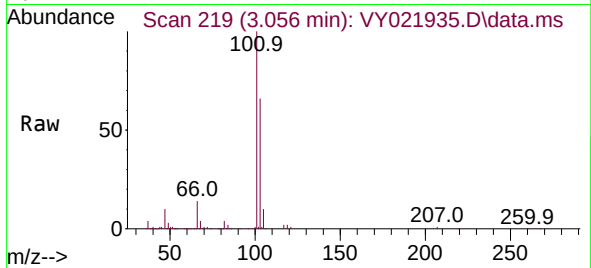




#7
 Trichlorofluoromethane
 Concen: 45.174 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021935.D
 Acq: 21 Apr 2025 09:08

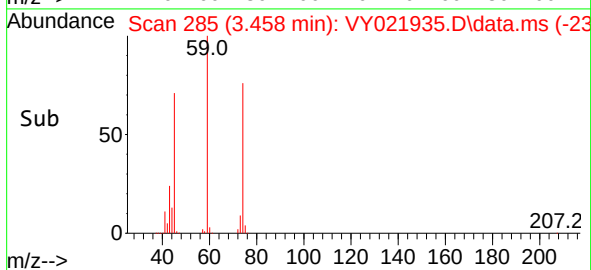
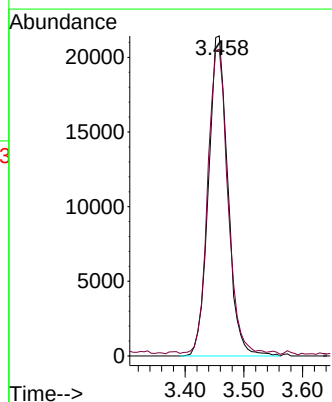
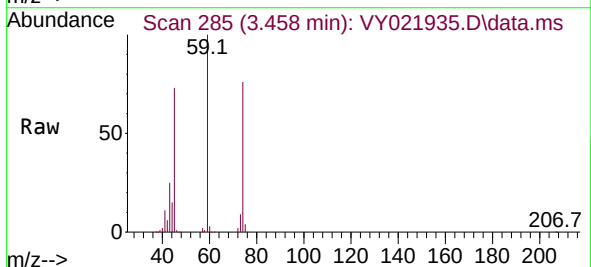
Instrument :
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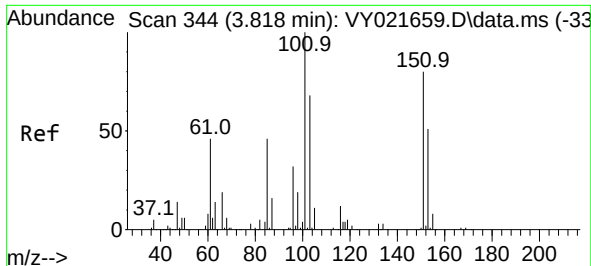
Tgt Ion:101 Resp: 181583
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.1 79.7



#8
 Diethyl Ether
 Concen: 44.923 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021935.D
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Tgt Ion: 74 Resp: 49107
 Ion Ratio Lower Upper
 74 100
 45 99.7 48.6 145.8

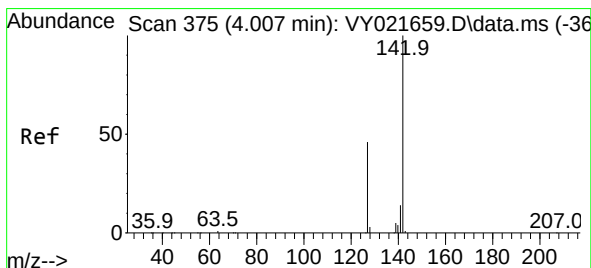
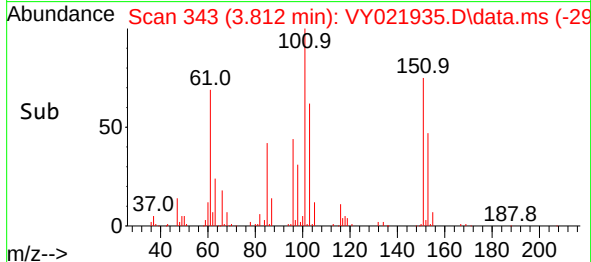
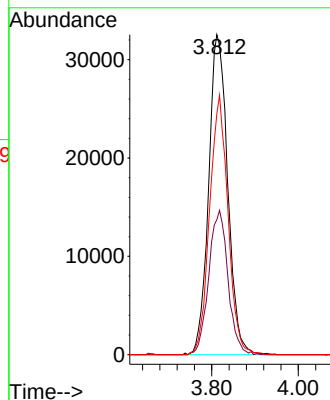
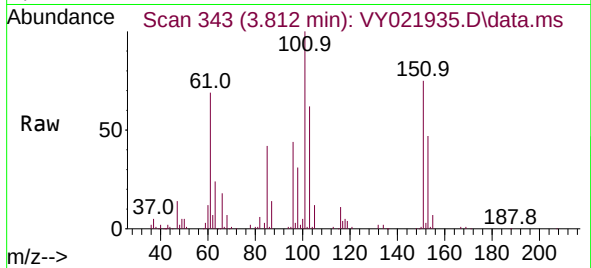




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.972 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

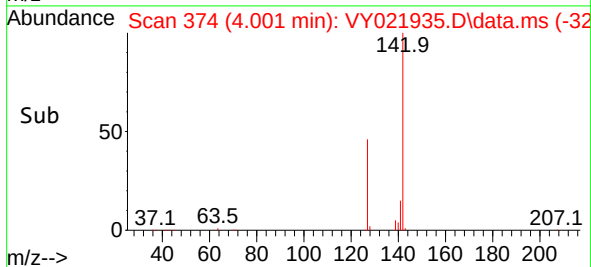
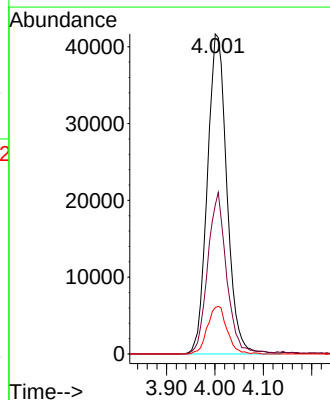
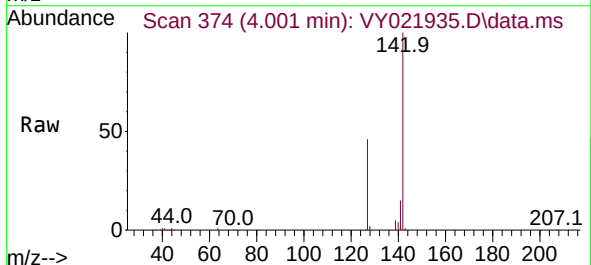
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

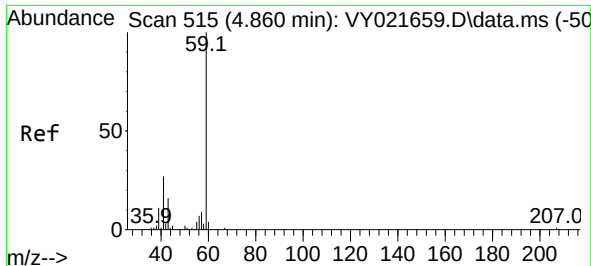
Tgt Ion:	101	Resp:	99584
Ion	Ratio	Lower	Upper
101	100		
85	45.5	36.3	54.5
151	78.2	61.3	91.9



#10
Methyl Iodide
Concen: 50.176 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion:	142	Resp:	116701
Ion	Ratio	Lower	Upper
142	100		
127	49.1	38.7	58.1
141	14.9	11.5	17.3

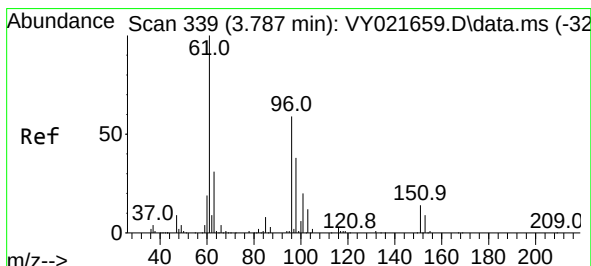
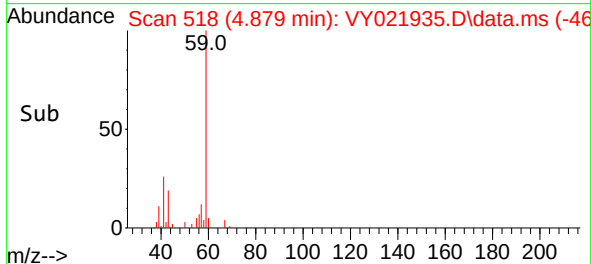
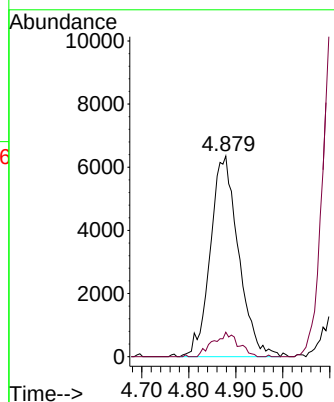
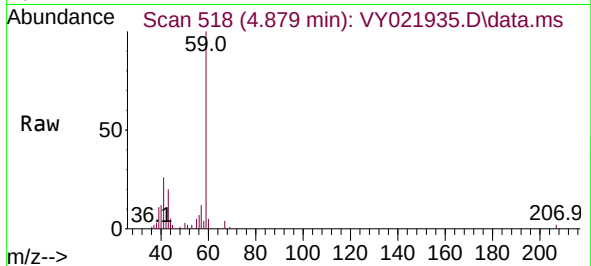




#11
Tert butyl alcohol
Concen: 196.800 ug/l
RT: 4.879 min Scan# 515
Delta R.T. 0.019 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

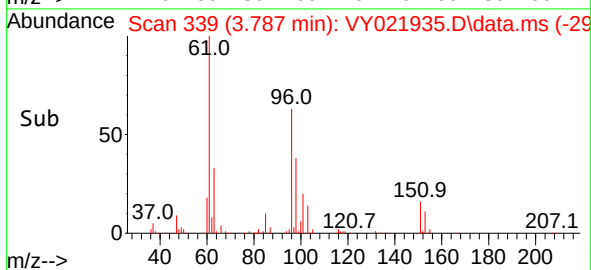
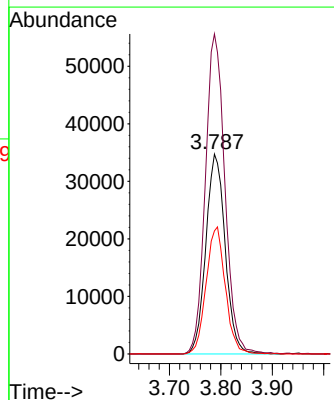
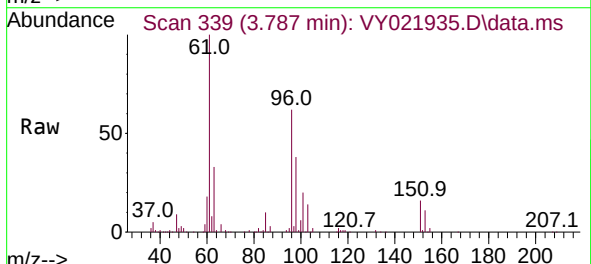
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

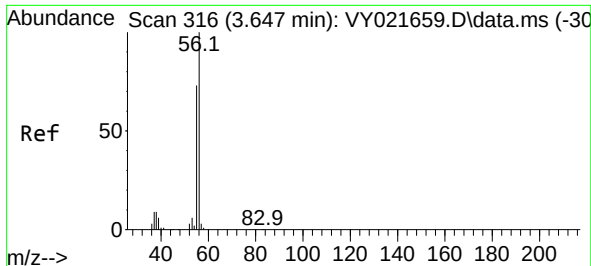
Tgt Ion: 59 Resp: 26367
Ion Ratio Lower Upper
59 100
57 10.9 9.2 13.8



#12
1,1-Dichloroethene
Concen: 45.548 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 96 Resp: 90954
Ion Ratio Lower Upper
96 100
61 160.1 136.6 204.8
98 61.5 52.3 78.5





#13

Acrolein

Concen: 31.786 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

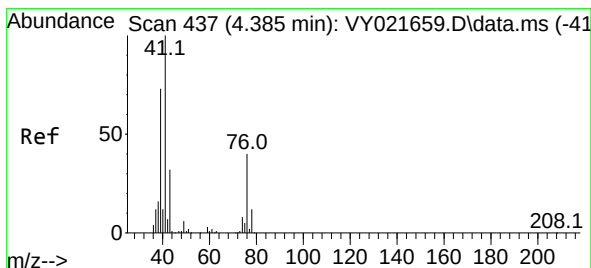
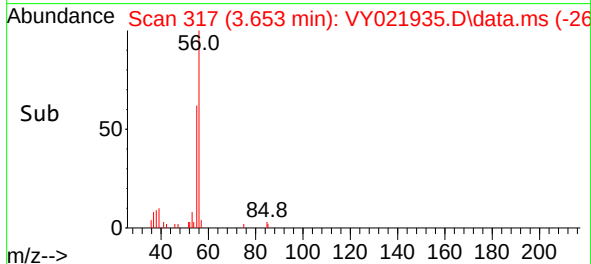
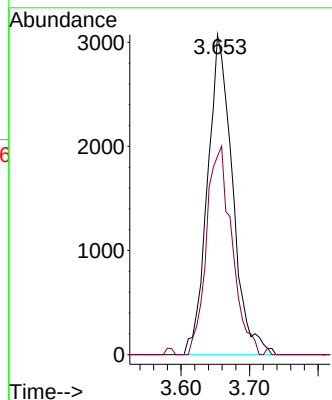
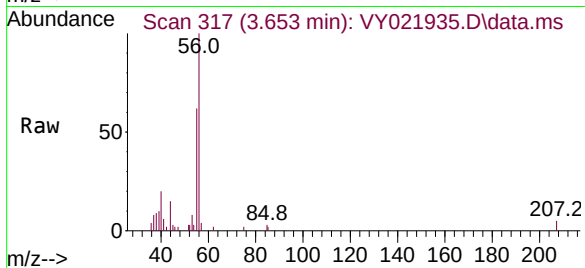
VSTDCCC050

Tgt Ion: 56 Resp: 7776

Ion Ratio Lower Upper

56 100

55 66.4 56.6 85.0



#14

Allyl chloride

Concen: 46.783 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

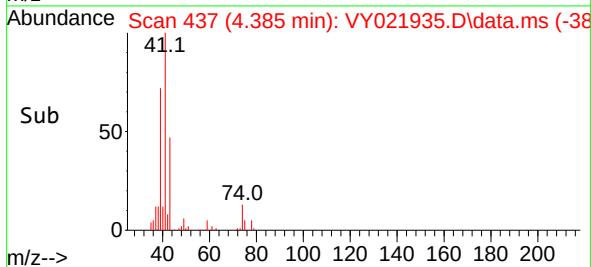
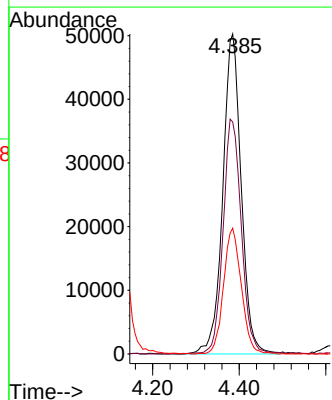
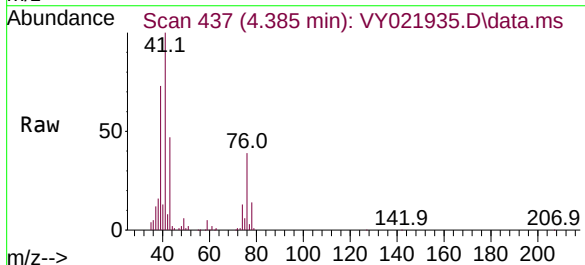
Tgt Ion: 41 Resp: 148952

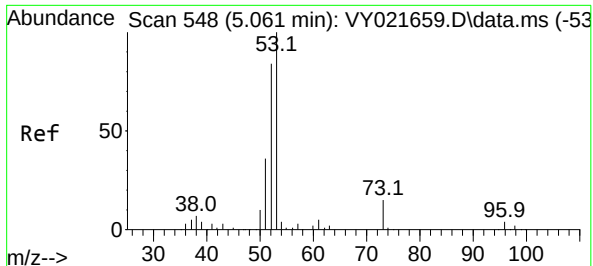
Ion Ratio Lower Upper

41 100

39 72.9 58.6 88.0

76 38.1 30.3 45.5

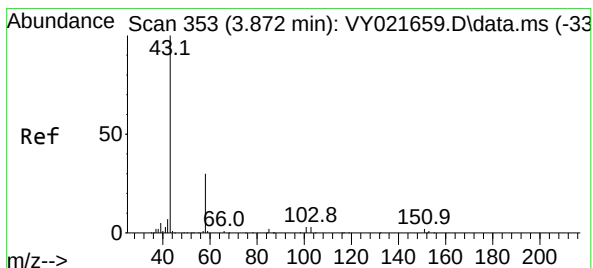
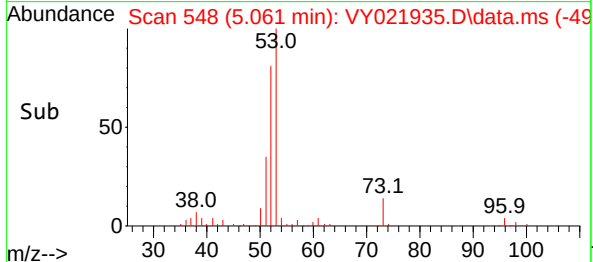
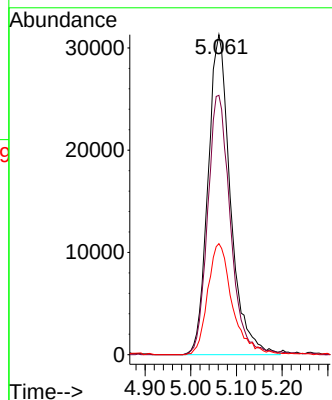
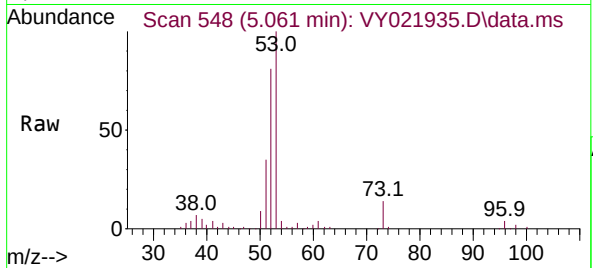




#15
Acrylonitrile
Concen: 234.077 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

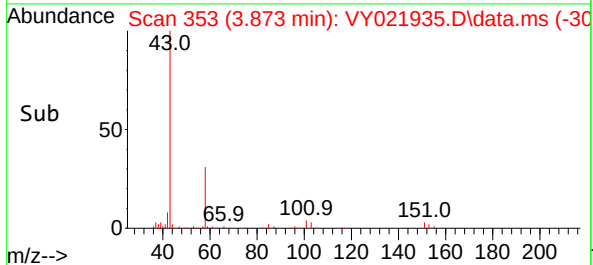
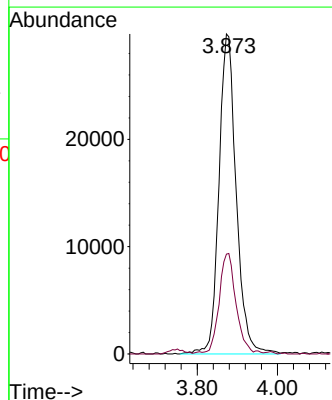
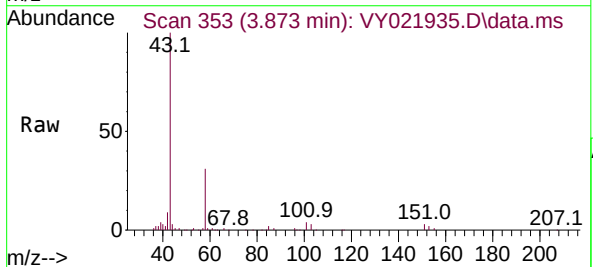
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

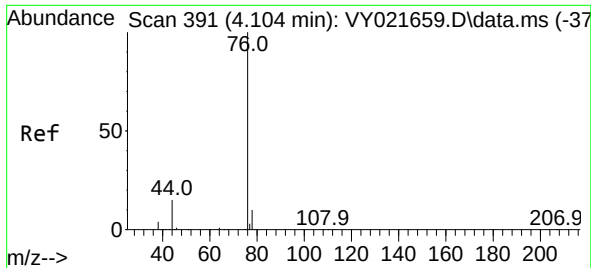
Tgt Ion: 53 Resp: 106838
Ion Ratio Lower Upper
53 100
52 81.9 64.9 97.3
51 38.0 30.2 45.2



#16
Acetone
Concen: 211.031 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 43 Resp: 89088
Ion Ratio Lower Upper
43 100
58 31.0 24.2 36.4

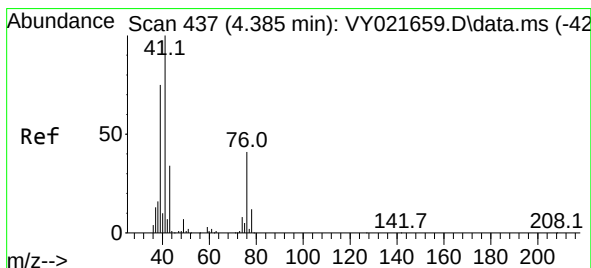
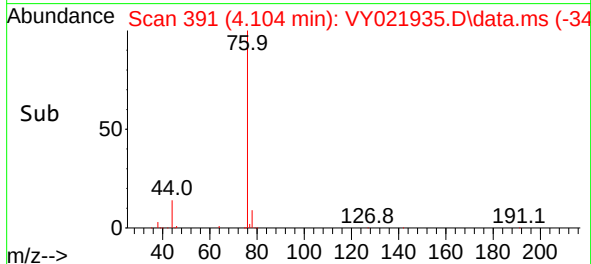
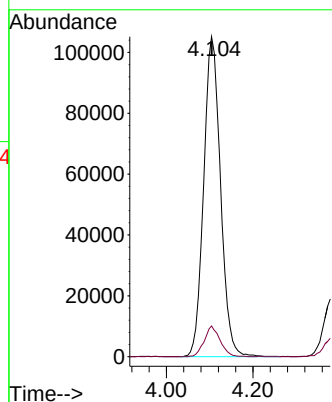
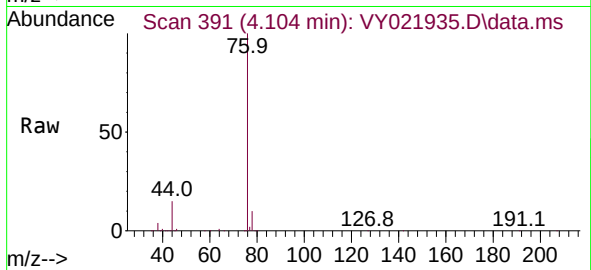




#17
Carbon Disulfide
Concen: 43.177 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

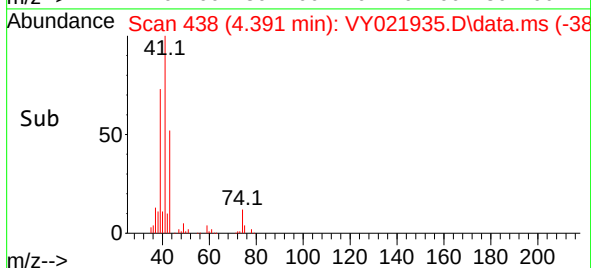
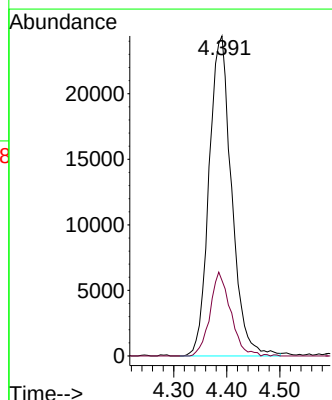
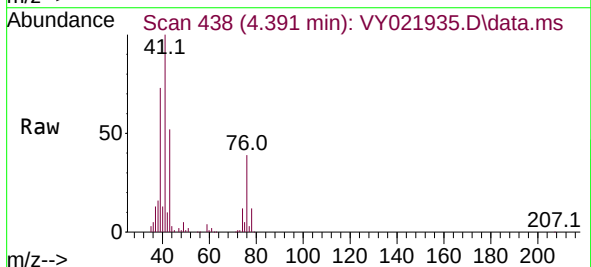
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

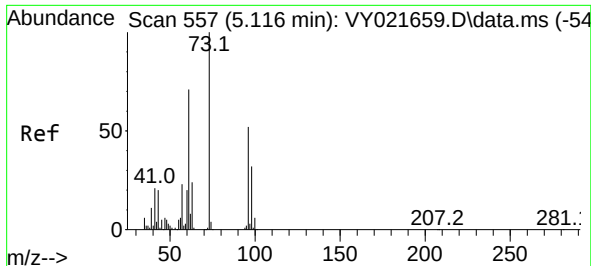
Tgt Ion: 76 Resp: 283988
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4



#18
Methyl Acetate
Concen: 68.864 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 43 Resp: 72050
Ion Ratio Lower Upper
43 100
74 24.1 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 47.296 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

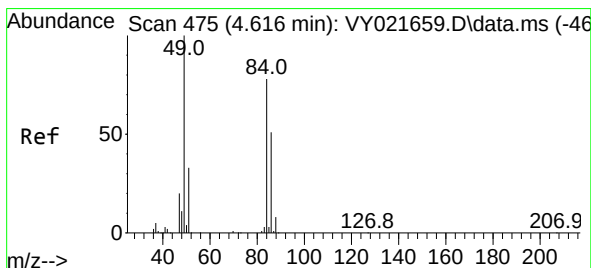
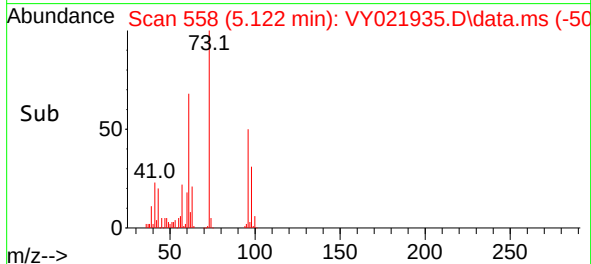
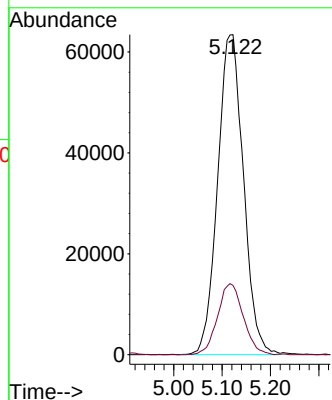
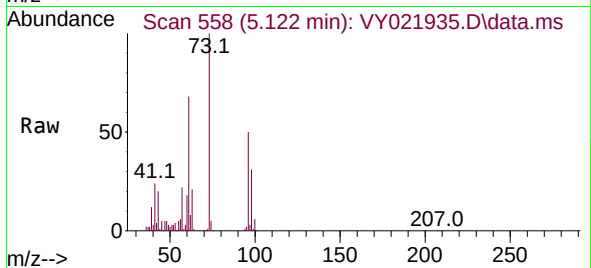
VSTDCCC050

Tgt Ion: 73 Resp: 235137

Ion Ratio Lower Upper

73 100

57 21.7 18.1 27.1



#20

Methylene Chloride

Concen: 52.080 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Tgt Ion: 84 Resp: 107251

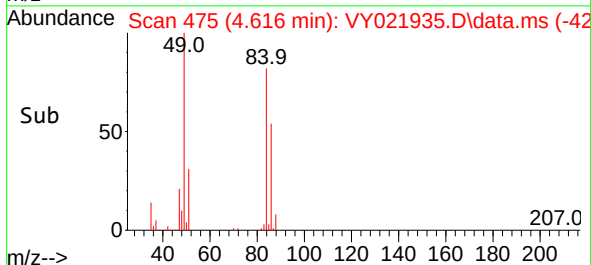
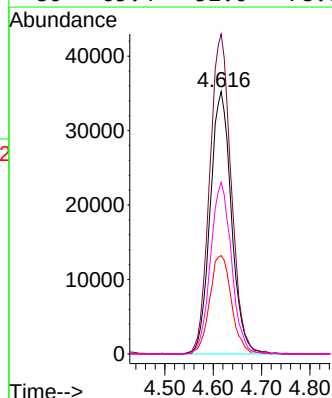
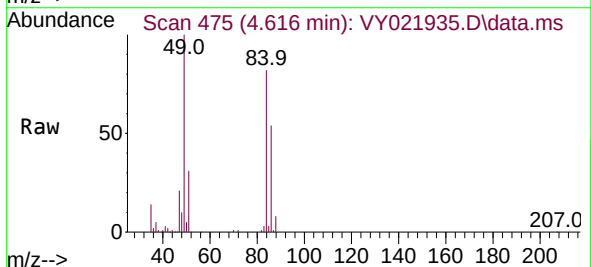
Ion Ratio Lower Upper

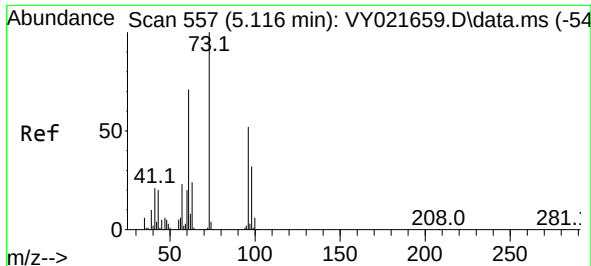
84 100

49 122.0 102.8 154.2

51 37.5 33.5 50.3

86 65.4 52.0 78.0

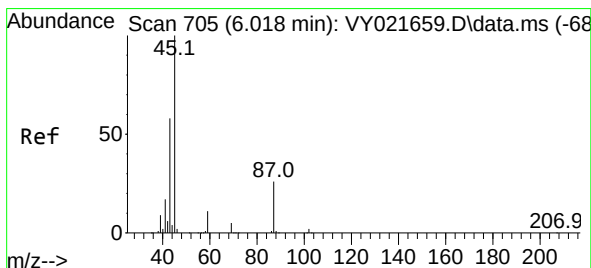
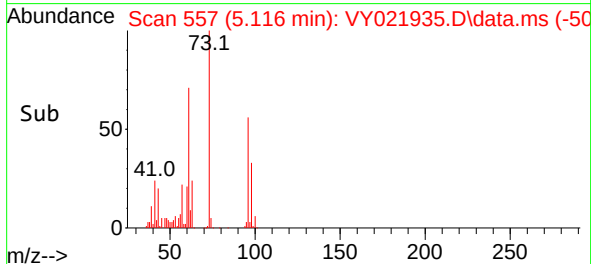
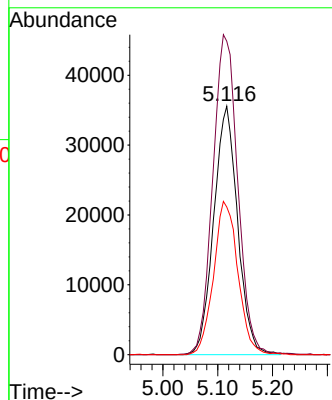
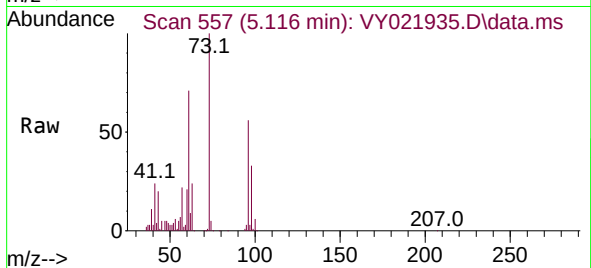




#21
trans-1,2-Dichloroethene
Concen: 49.010 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

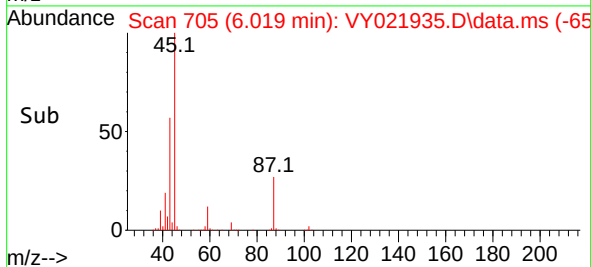
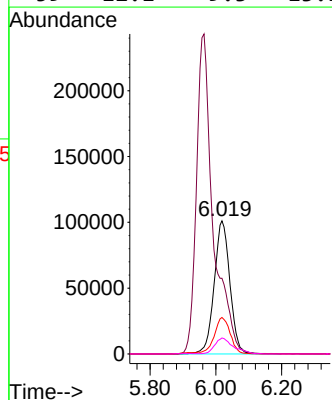
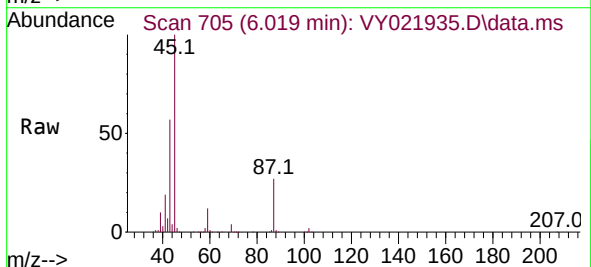
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

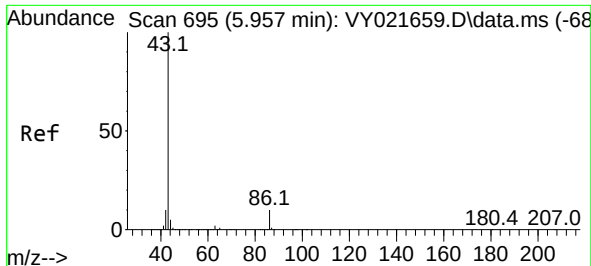
Tgt Ion: 96 Resp: 107757
Ion Ratio Lower Upper
96 100
61 125.9 109.4 164.0
98 59.4 50.2 75.2



#22
Diisopropyl ether
Concen: 50.142 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 45 Resp: 334898
Ion Ratio Lower Upper
45 100
43 56.7 46.6 69.8
87 27.5 20.7 31.1
59 12.1 9.3 13.9

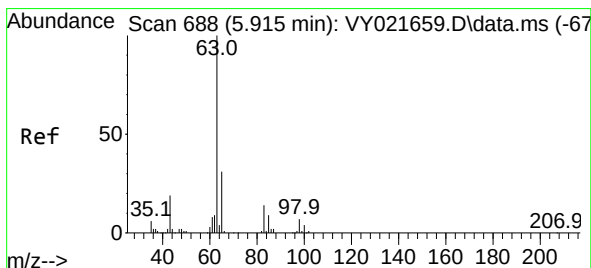
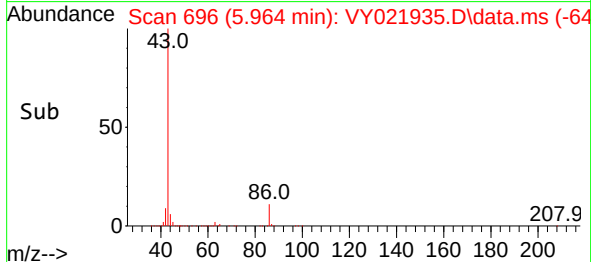
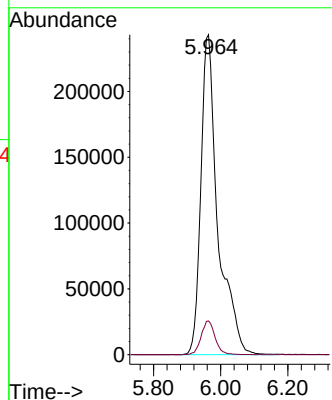
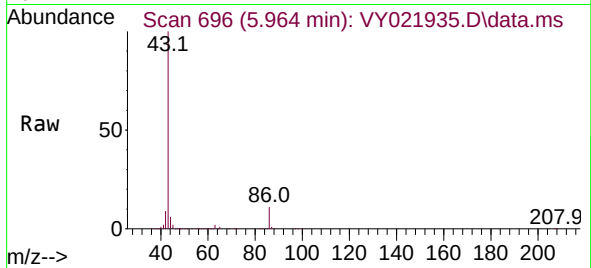




#23
 Vinyl Acetate
 Concen: 219.115 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021935.D
 Acq: 21 Apr 2025 09:08

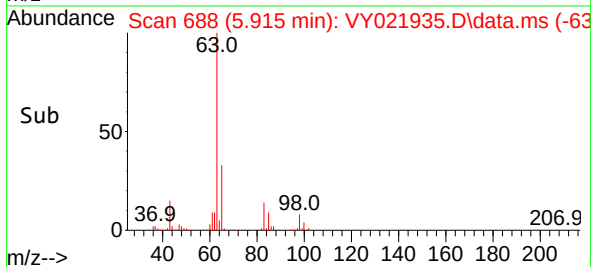
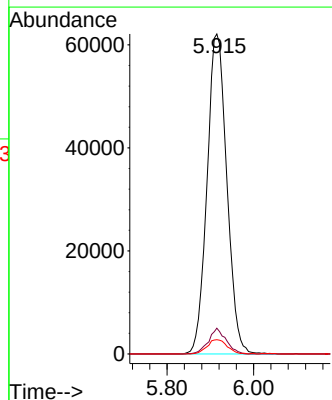
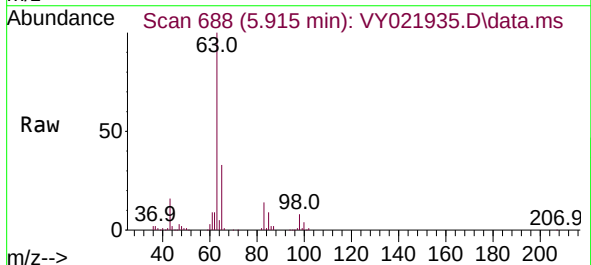
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

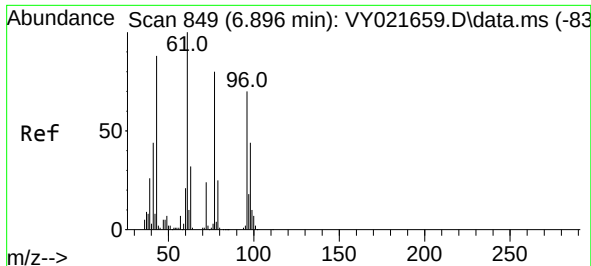
Tgt Ion: 43 Resp: 856132
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 49.409 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021935.D
 Acq: 21 Apr 2025 09:08

Tgt Ion: 63 Resp: 197323
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.5
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 220.142 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

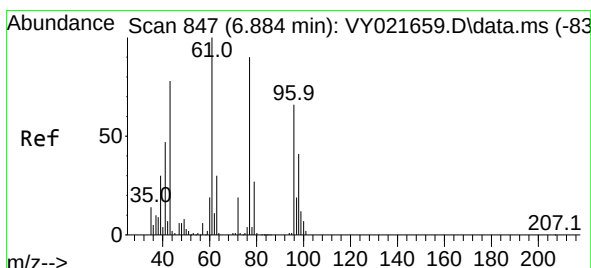
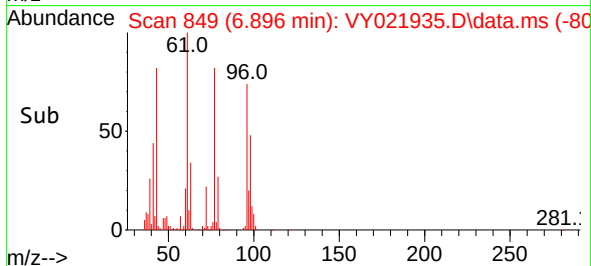
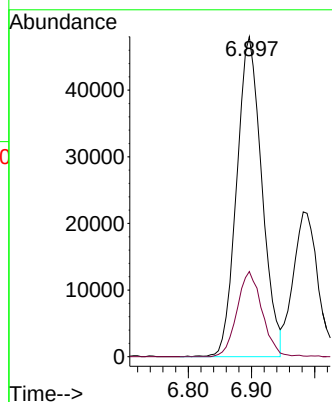
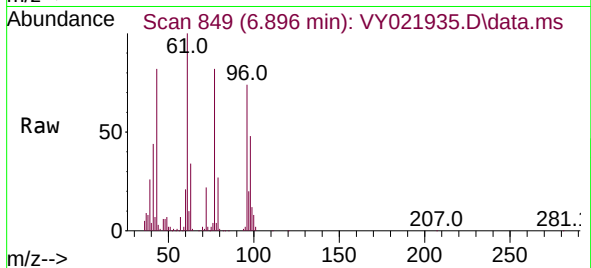
VSTDCCC050

Tgt Ion: 43 Resp: 132739

Ion Ratio Lower Upper

43 100

72 26.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 48.810 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021935.D

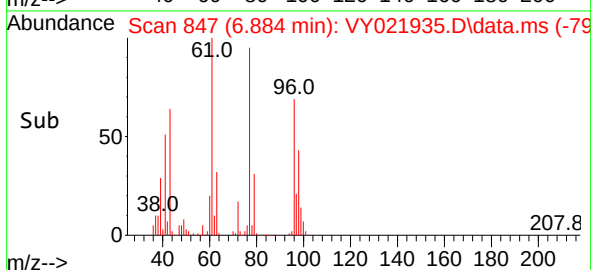
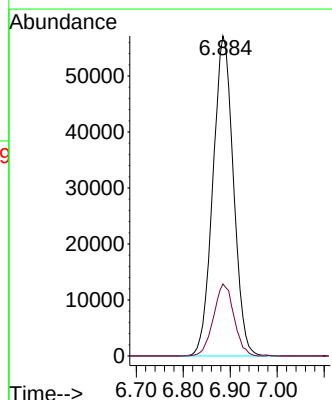
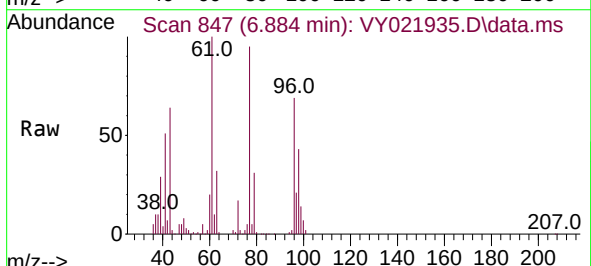
Acq: 21 Apr 2025 09:08

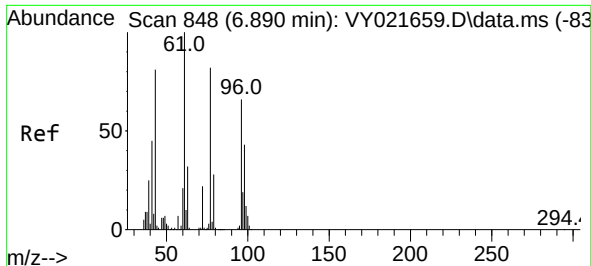
Tgt Ion: 77 Resp: 173398

Ion Ratio Lower Upper

77 100

97 22.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 50.184 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

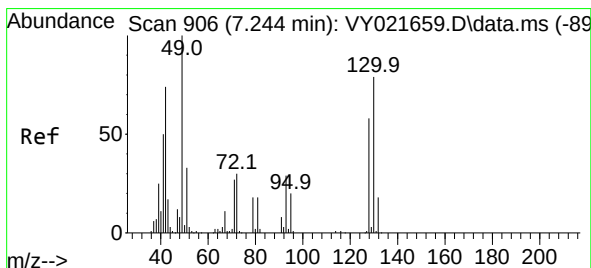
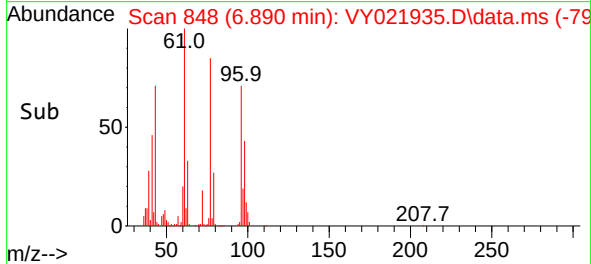
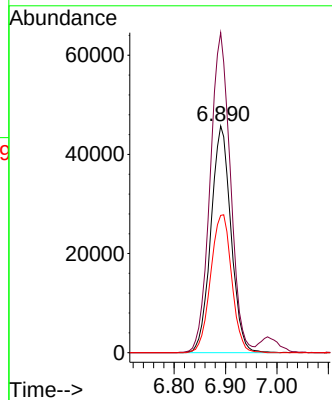
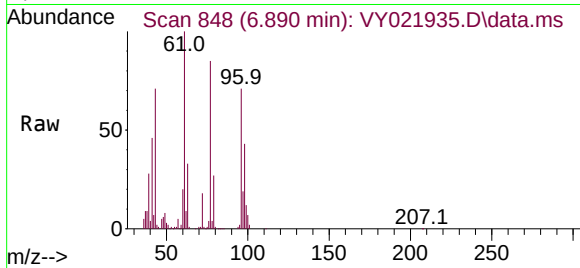
Tgt Ion: 96 Resp: 124082

Ion Ratio Lower Upper

96 100

61 142.6 0.0 296.4

98 63.7 0.0 128.0



#28

Bromochloromethane

Concen: 49.310 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

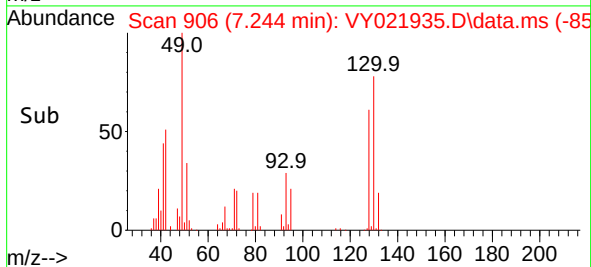
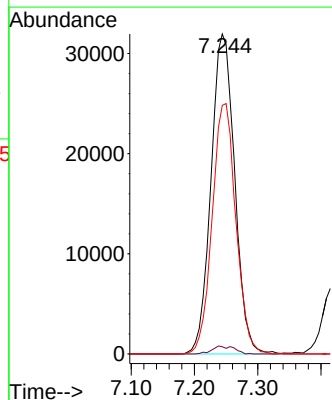
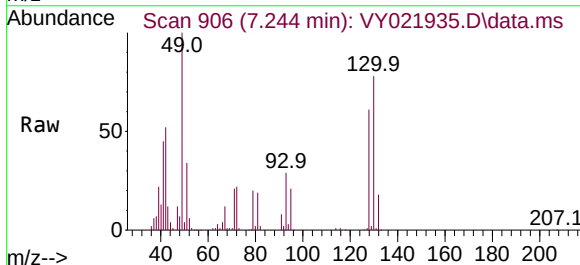
Tgt Ion: 49 Resp: 83053

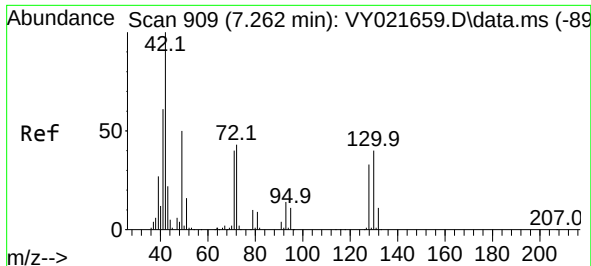
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 78.1 60.1 90.1

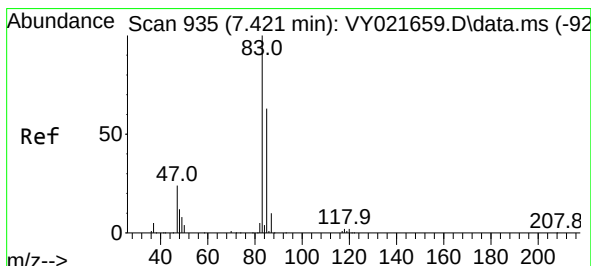
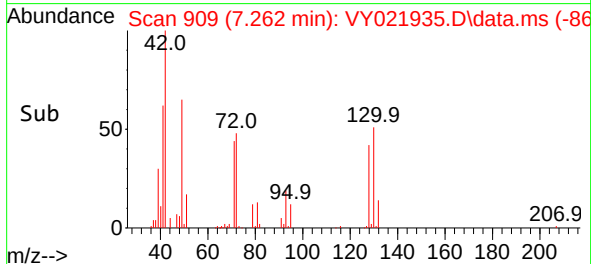
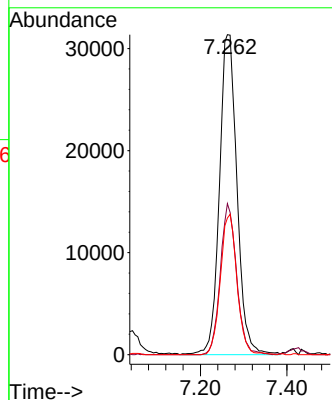
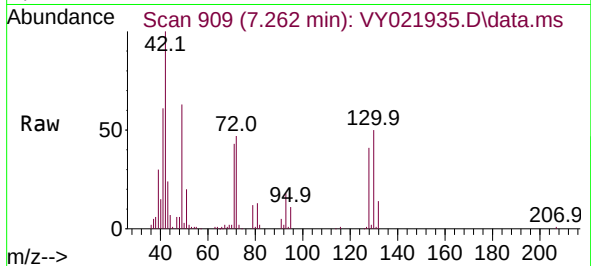




#29
Tetrahydrofuran
Concen: 228.395 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

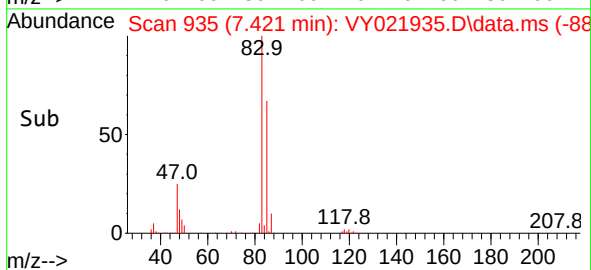
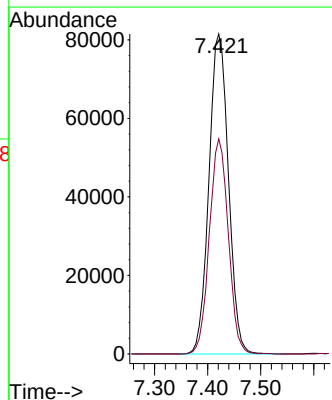
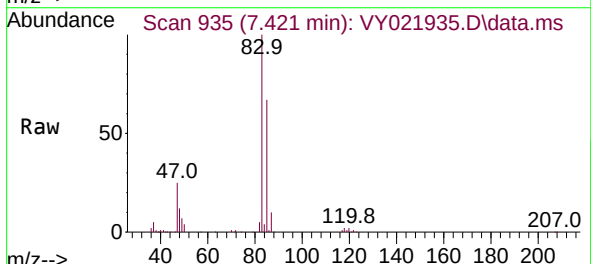
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

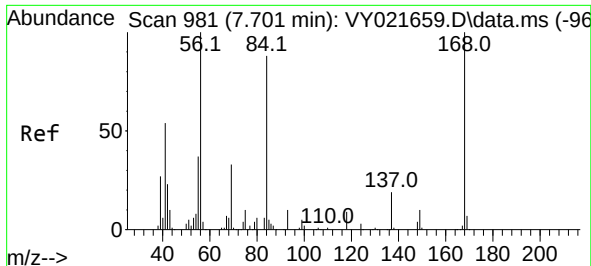
Tgt Ion: 42 Resp: 88632
Ion Ratio Lower Upper
42 100
72 43.6 34.6 52.0
71 41.3 32.5 48.7



#30
Chloroform
Concen: 50.083 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 83 Resp: 208038
Ion Ratio Lower Upper
83 100
85 67.3 50.6 75.8

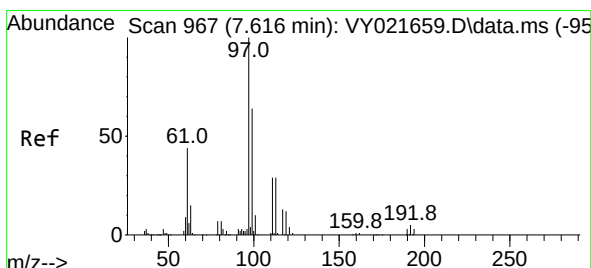
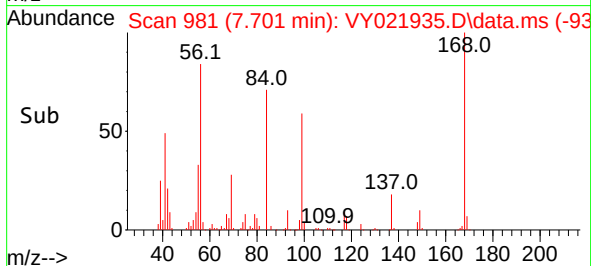
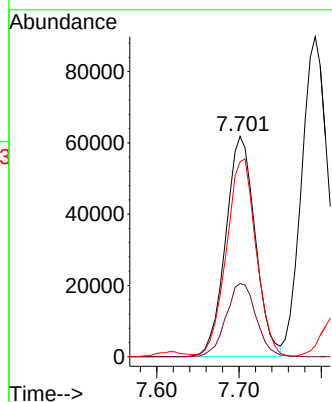
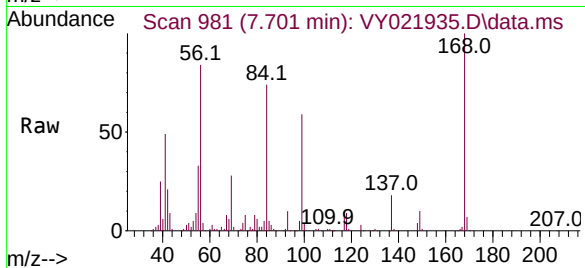




#31
Cyclohexane
Concen: 42.537 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

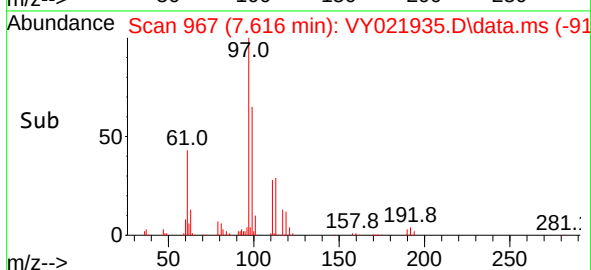
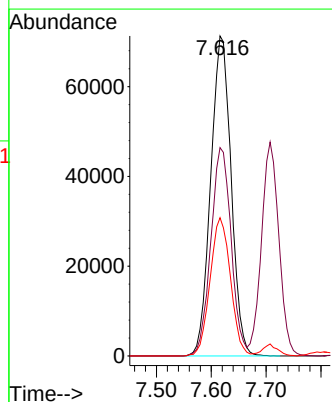
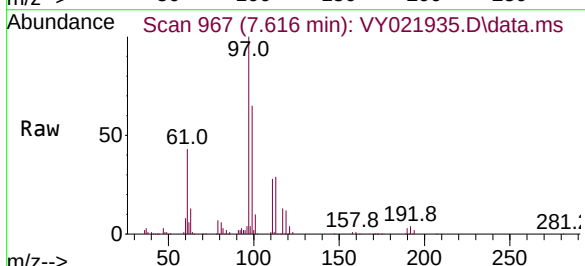
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

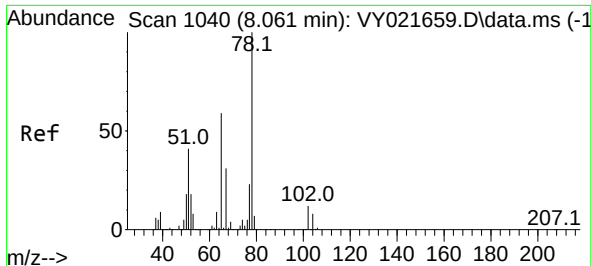
Tgt Ion: 56 Resp: 154860
Ion Ratio Lower Upper
56 100
69 33.2 26.6 40.0
84 87.0 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 49.012 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 97 Resp: 184005
Ion Ratio Lower Upper
97 100
99 64.9 50.7 76.1
61 43.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.945 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

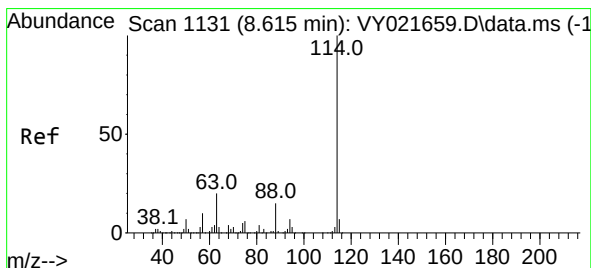
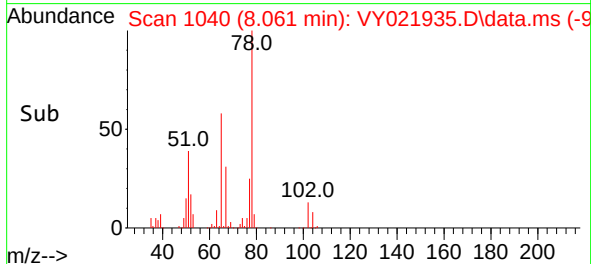
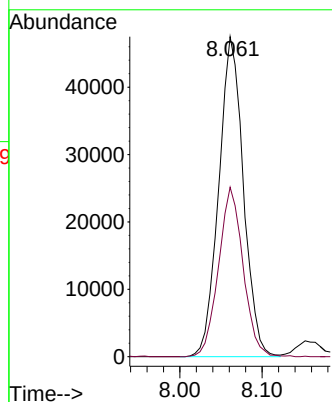
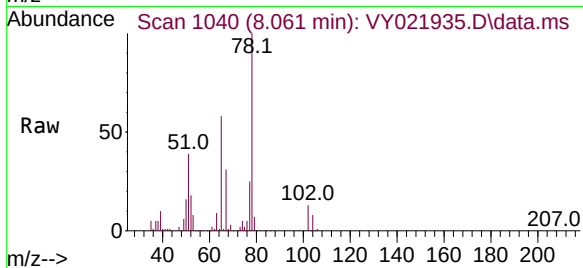
VSTDCCC050

Tgt Ion: 65 Resp: 98896

Ion Ratio Lower Upper

65 100

67 52.8 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: VY021935.D

Acq: 21 Apr 2025 09:08

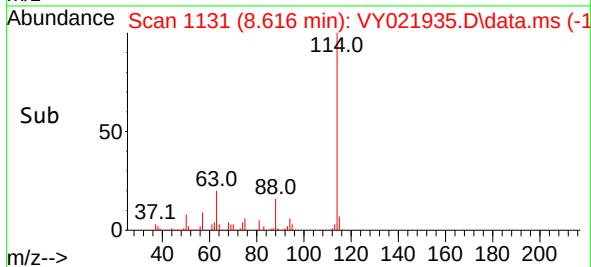
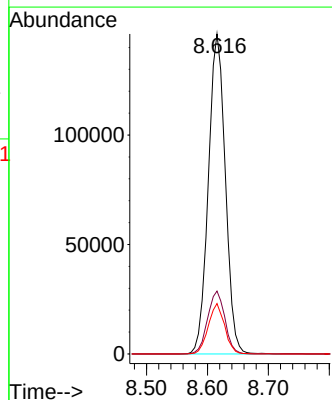
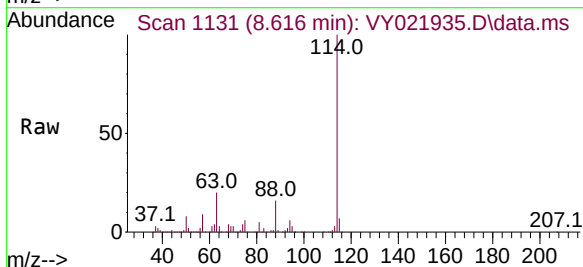
Tgt Ion: 114 Resp: 283274

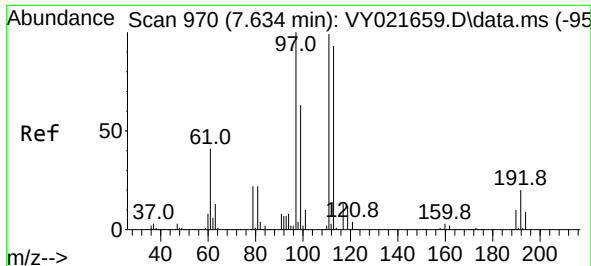
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 15.7 0.0 29.8

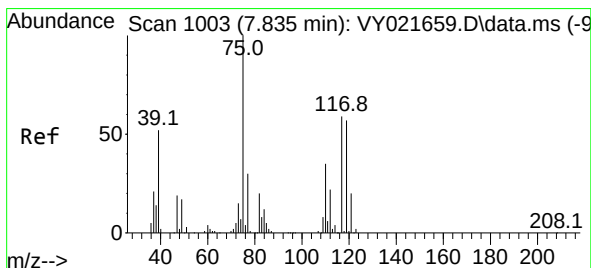
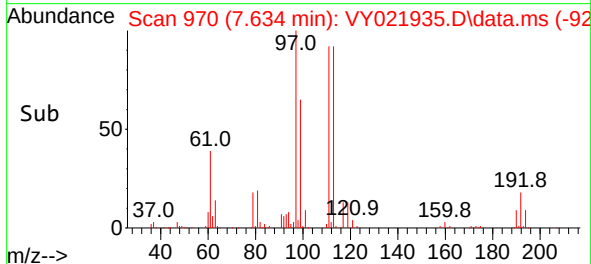
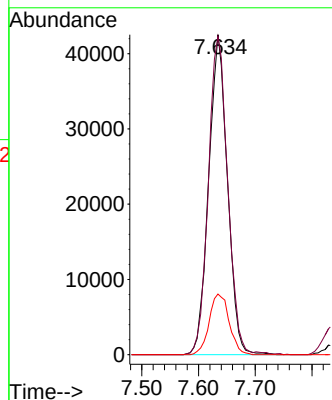
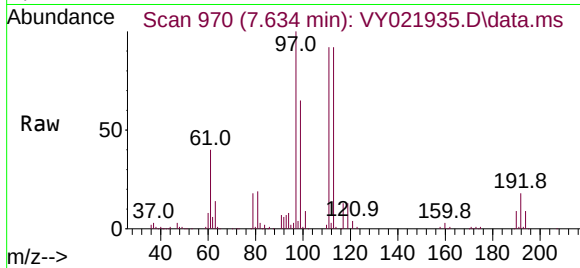




#35
Dibromofluoromethane
Concen: 53.117 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

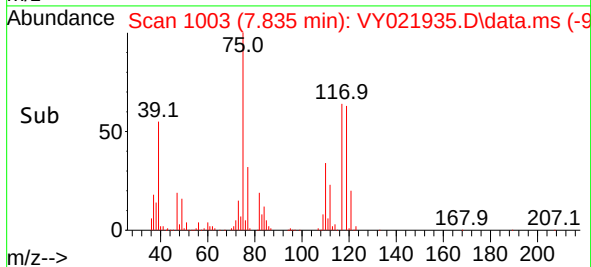
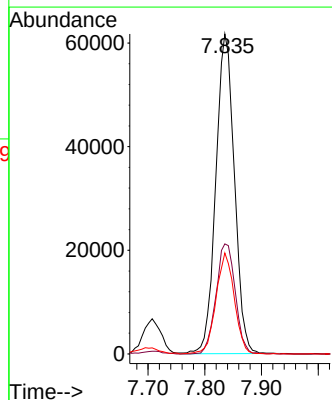
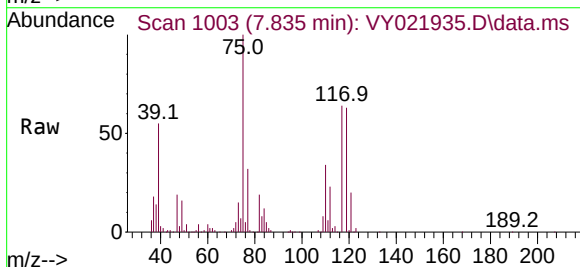
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

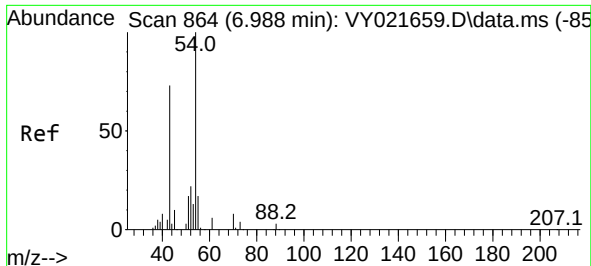
Tgt Ion:113 Resp: 97606
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 20.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 50.236 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 75 Resp: 140606
Ion Ratio Lower Upper
75 100
110 35.7 17.0 50.9
77 31.2 24.8 37.2





#37

Ethyl Acetate

Concen: 45.598 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

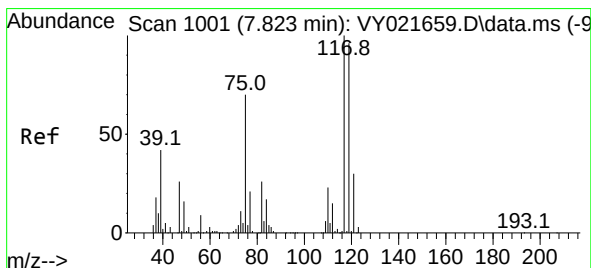
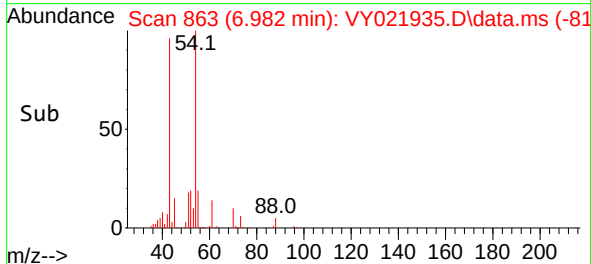
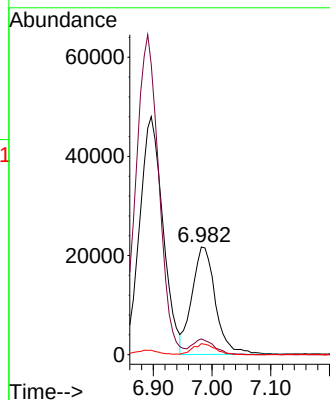
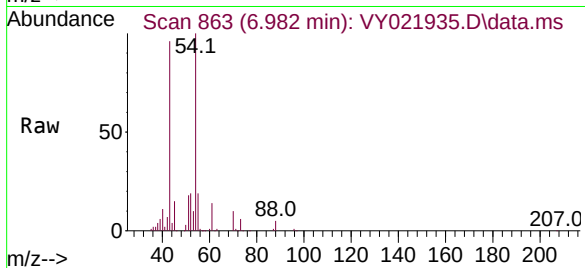
Tgt Ion: 43 Resp: 60231

Ion Ratio Lower Upper

43 100

61 13.3 11.0 16.6

70 9.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 51.745 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

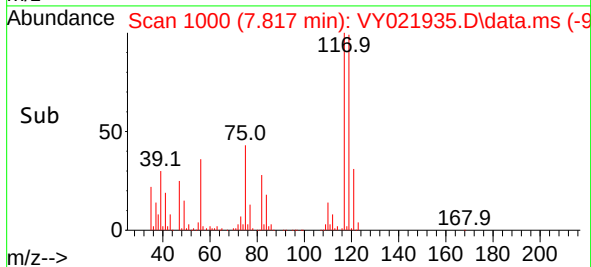
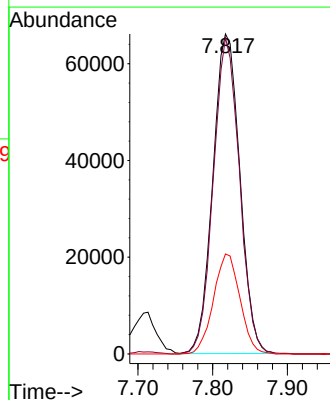
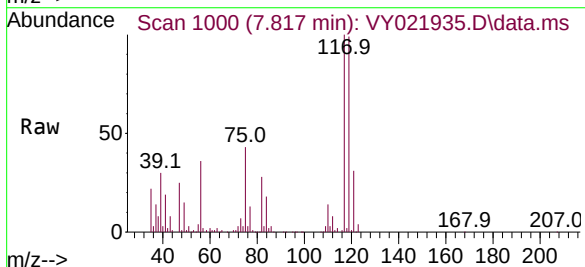
Tgt Ion: 117 Resp: 165877

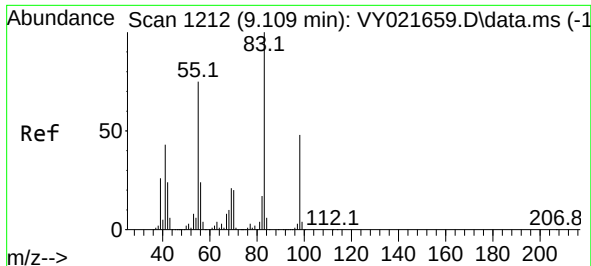
Ion Ratio Lower Upper

117 100

119 98.9 76.2 114.4

121 31.3 24.2 36.4

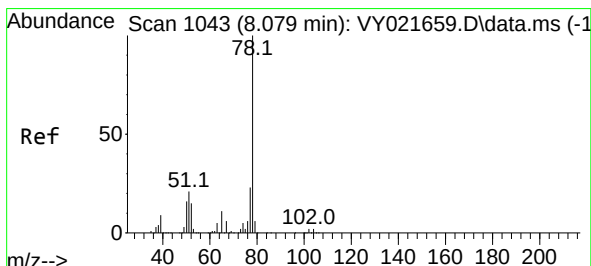
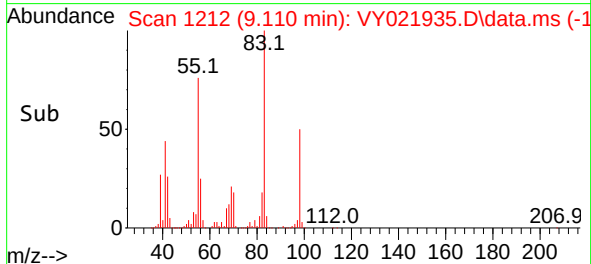
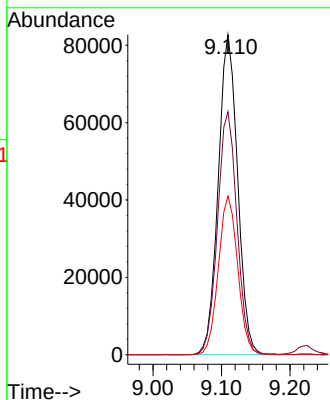
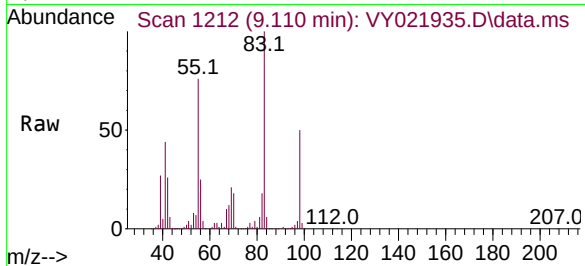




#39
Methylcyclohexane
Concen: 48.536 ug/l
RT: 9.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

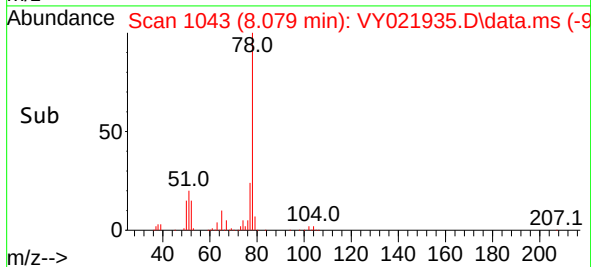
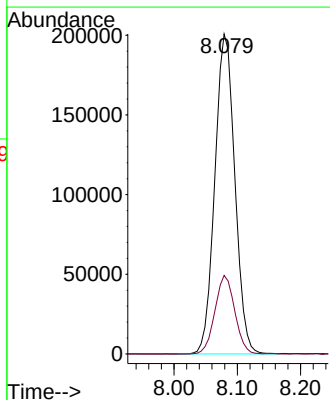
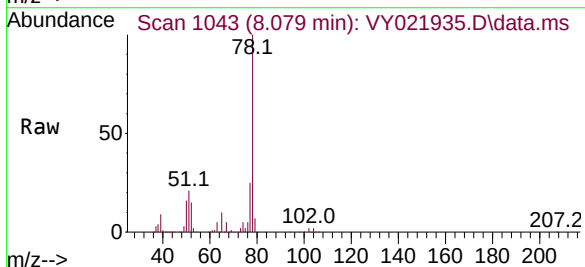
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

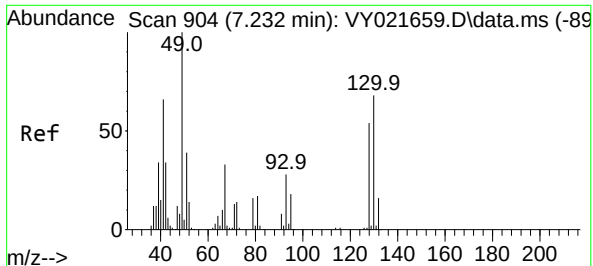
Tgt Ion: 83 Resp: 162282
Ion Ratio Lower Upper
83 100
55 75.9 59.7 89.5
98 49.5 38.3 57.5



#40
Benzene
Concen: 52.500 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 78 Resp: 440049
Ion Ratio Lower Upper
78 100
77 24.6 18.8 28.2

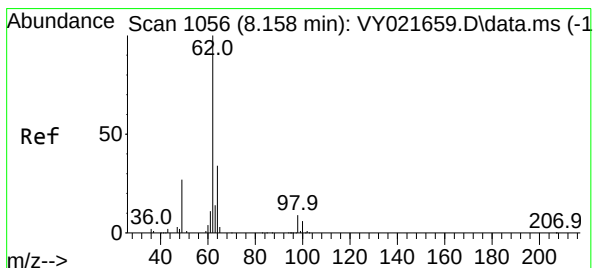
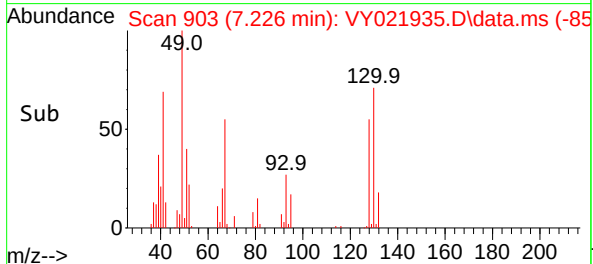
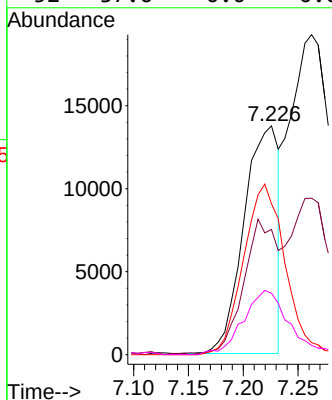
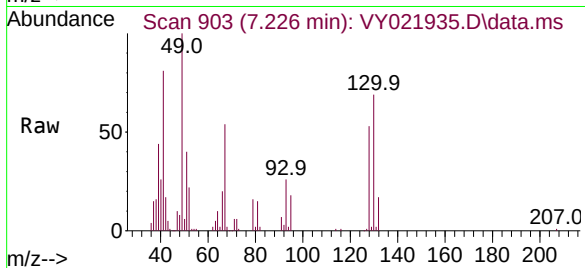




#41
Methacrylonitrile
Concen: 43.104 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

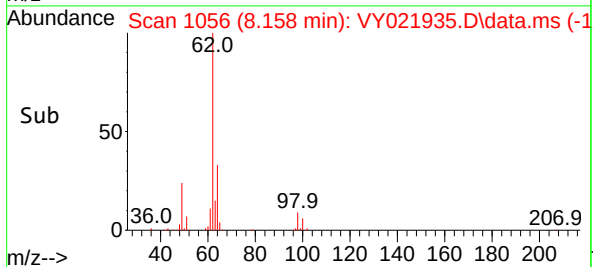
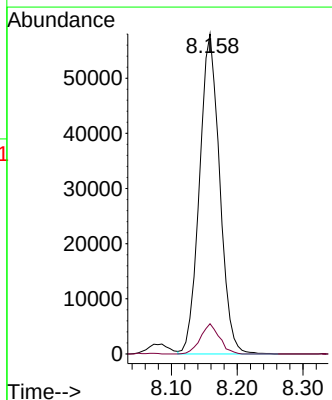
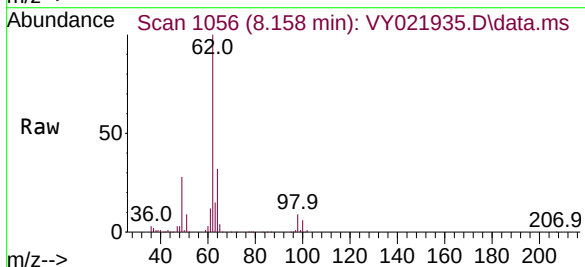
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

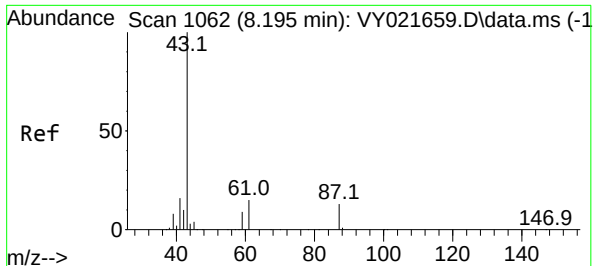
Tgt Ion:	41	Resp:	30237
Ion	Ratio	Lower	Upper
41	100		
39	56.7	0.0	0.0#
67	90.2	0.0	0.0#
52	37.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 52.400 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion:	62	Resp:	123821
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4

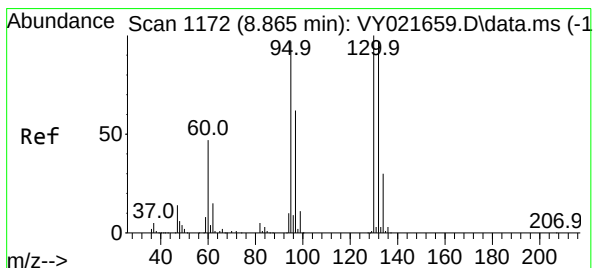
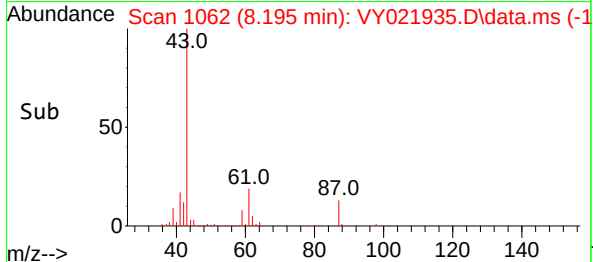
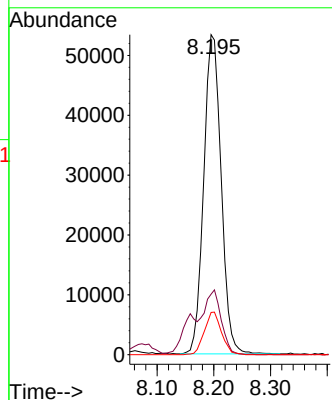
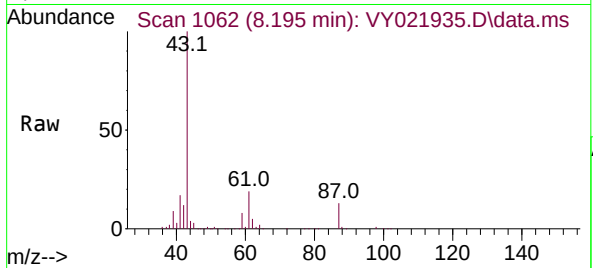




#43
Isopropyl Acetate
Concen: 45.678 ug/l
RT: 8.195 min Scan# 114342
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

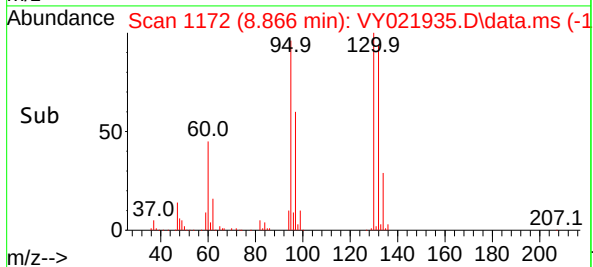
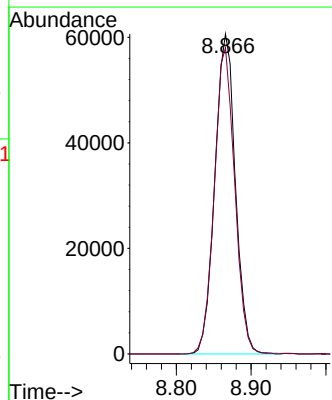
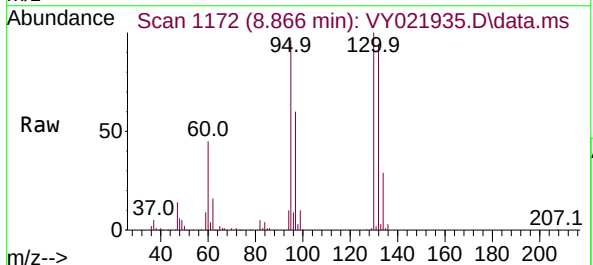
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

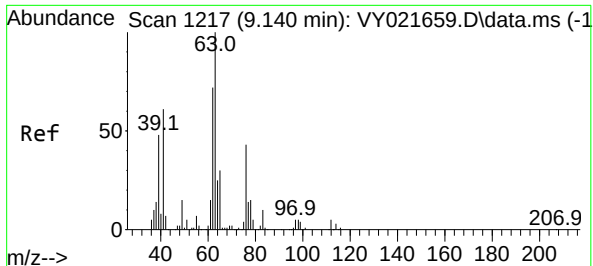
Tgt Ion: 43 Resp: 114342
Ion Ratio Lower Upper
43 100
61 20.6 15.9 23.9
87 13.1 10.4 15.6



#44
Trichloroethene
Concen: 54.092 ug/l
RT: 8.866 min Scan# 115521
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 130 Resp: 115521
Ion Ratio Lower Upper
130 100
95 95.8 0.0 194.8





#45

1,2-Dichloropropane

Concen: 53.000 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

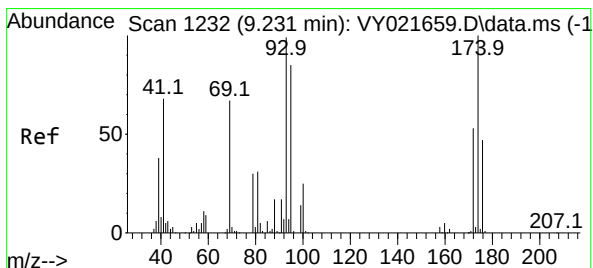
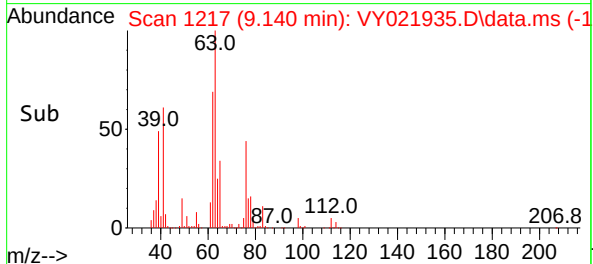
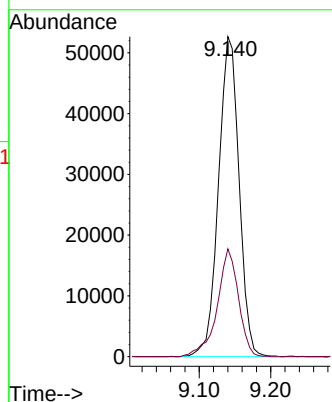
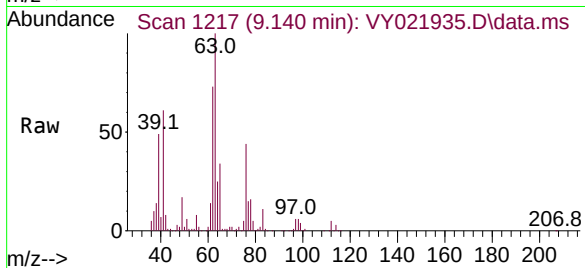
VSTDCCC050

Tgt Ion: 63 Resp: 105155

Ion Ratio Lower Upper

63 100

65 33.7 24.4 36.6



#46

Dibromomethane

Concen: 52.944 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

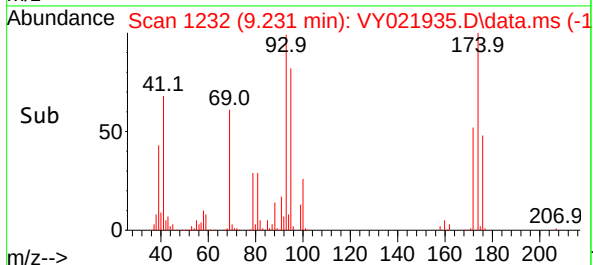
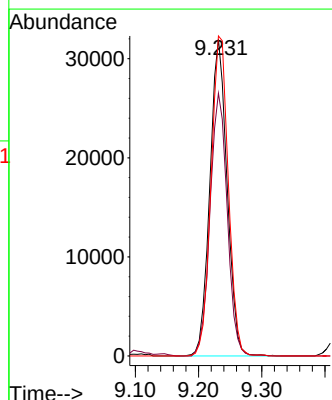
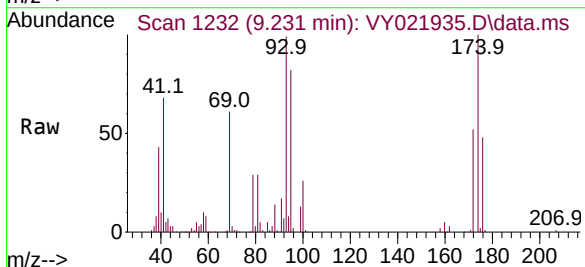
Tgt Ion: 93 Resp: 60539

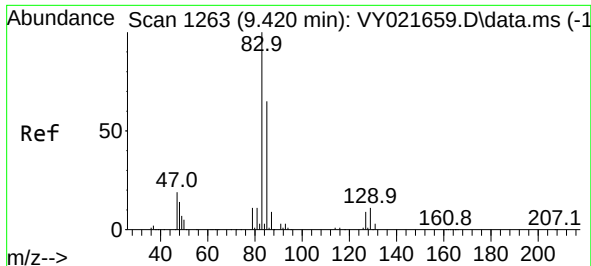
Ion Ratio Lower Upper

93 100

95 82.6 68.1 102.1

174 101.4 80.9 121.3

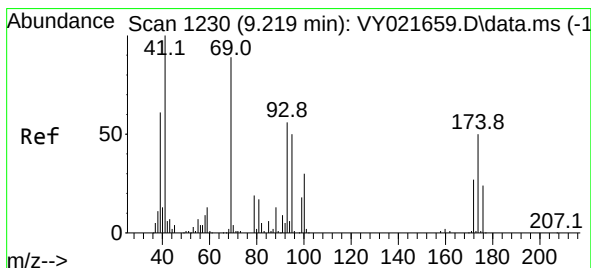
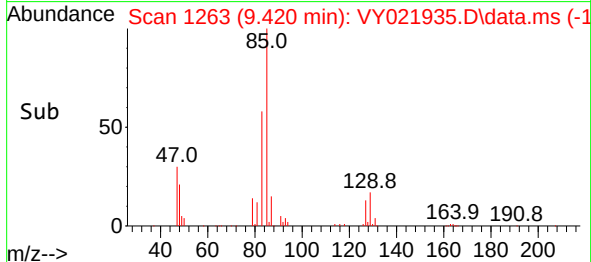
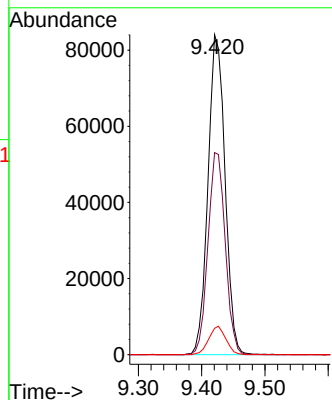
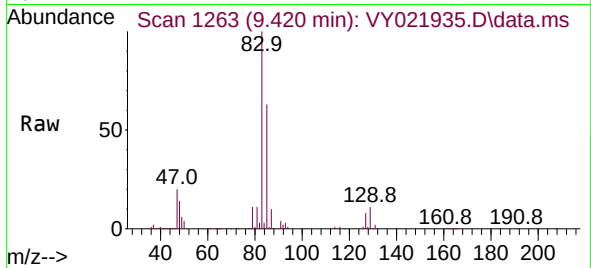




#47
Bromodichloromethane
Concen: 53.157 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

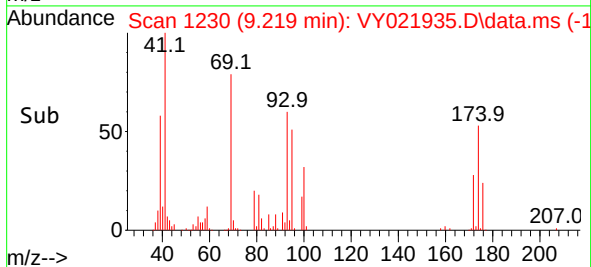
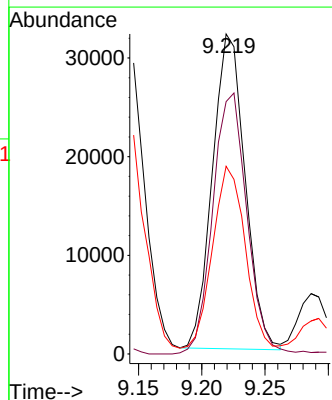
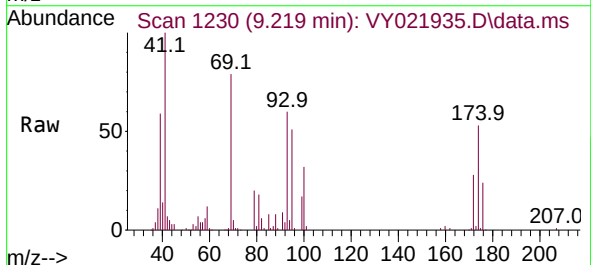
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

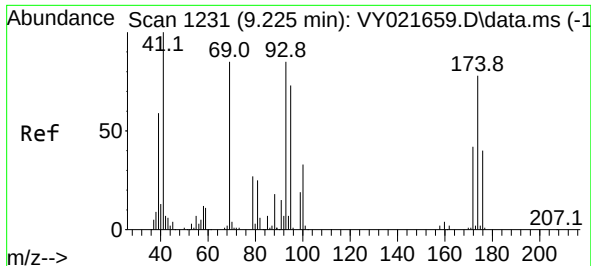
Tgt Ion: 83 Resp: 157500
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.6
127 8.3 6.8 10.2



#48
Methyl methacrylate
Concen: 49.822 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 41 Resp: 57239
Ion Ratio Lower Upper
41 100
69 87.4 69.8 104.8
39 61.7 47.2 70.8

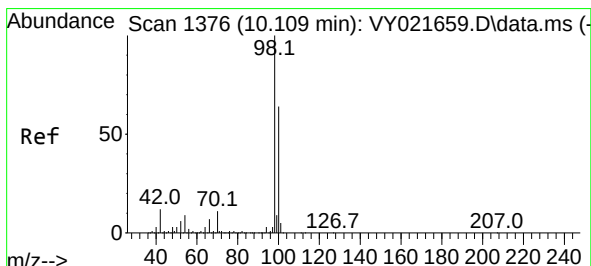
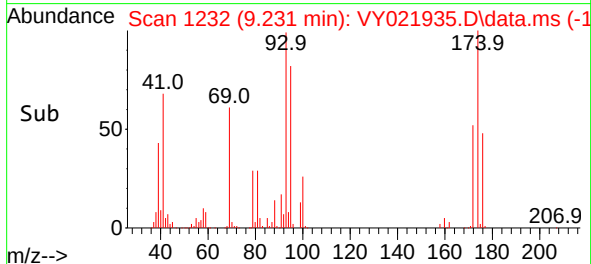
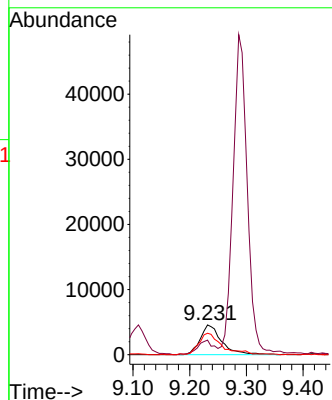
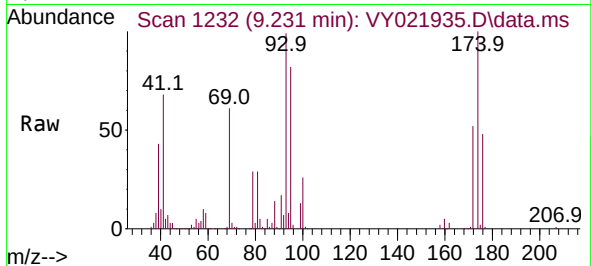




#49
1,4-Dioxane
Concen: 979.478 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

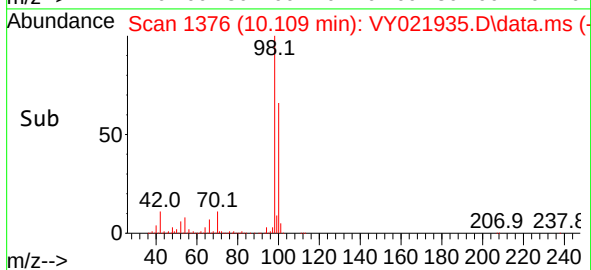
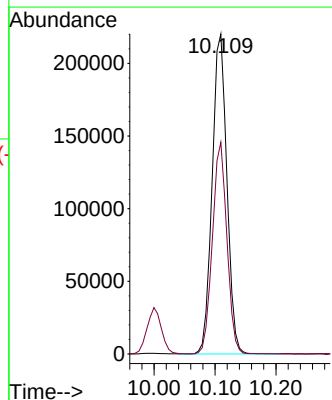
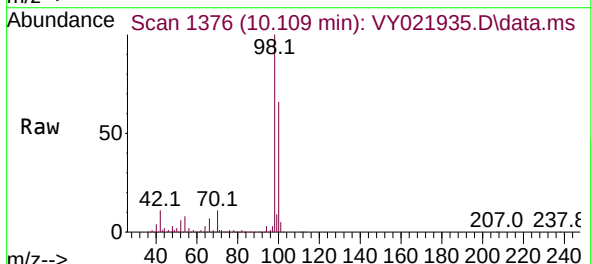
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

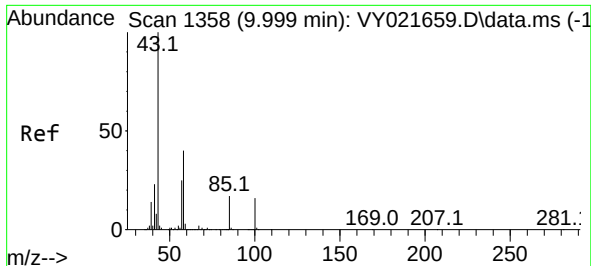
Tgt Ion: 88 Resp: 11998
Ion Ratio Lower Upper
88 100
43 36.4 28.8 43.2
58 78.9 59.4 89.2



#50
Toluene-d8
Concen: 52.823 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 98 Resp: 369261
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 253.898 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

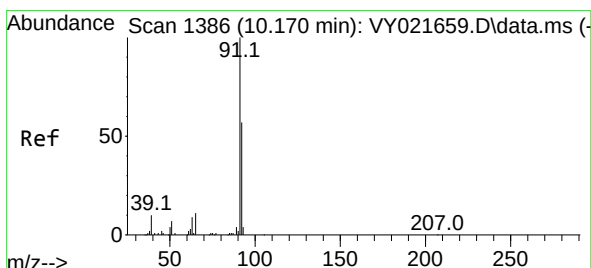
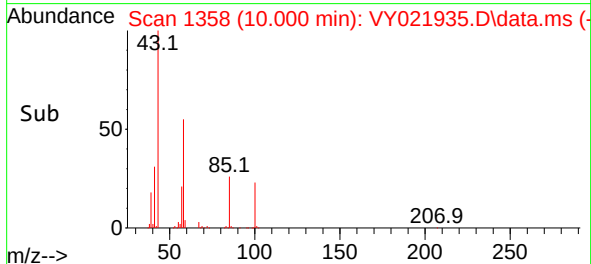
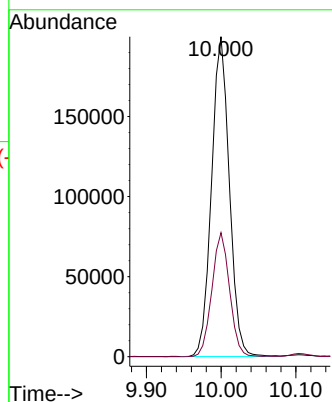
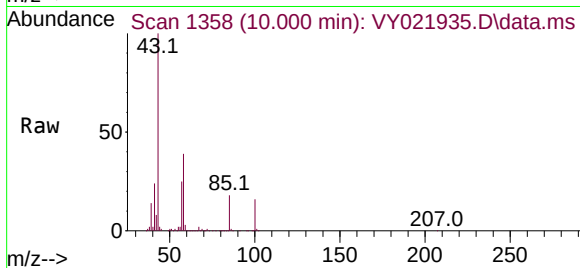
VSTDCCC050

Tgt Ion: 43 Resp: 330745

Ion Ratio Lower Upper

43 100

58 38.5 31.5 47.3



#52

Toluene

Concen: 54.655 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021935.D

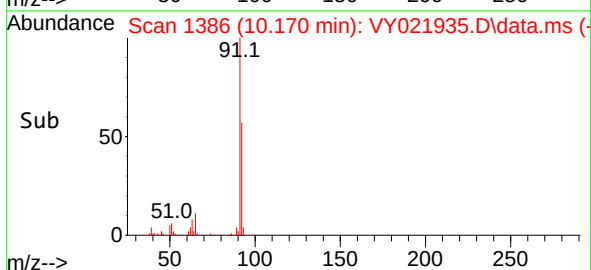
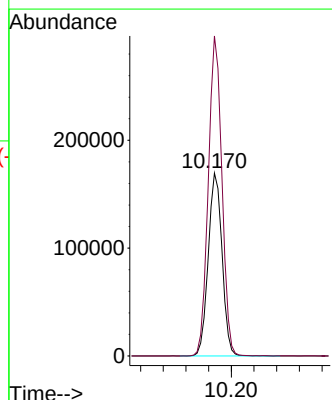
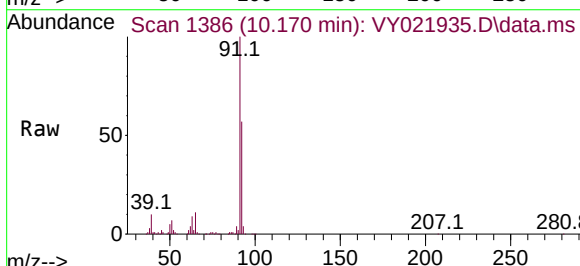
Acq: 21 Apr 2025 09:08

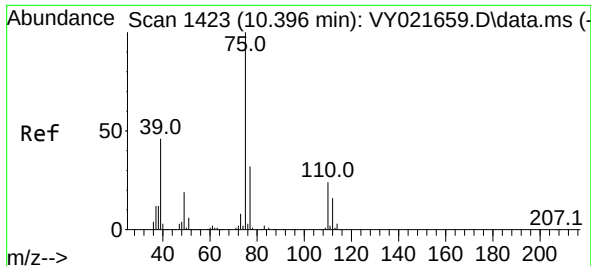
Tgt Ion: 92 Resp: 285823

Ion Ratio Lower Upper

92 100

91 172.7 138.6 207.8

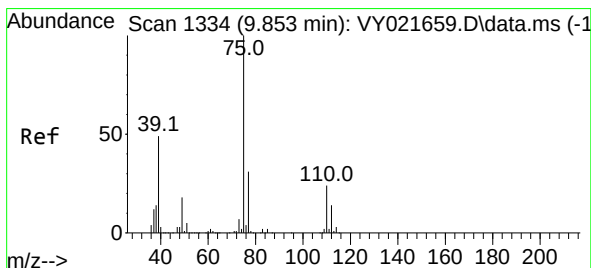
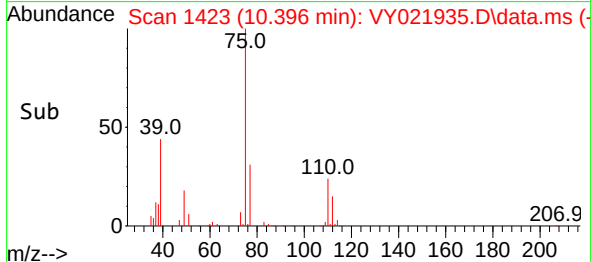
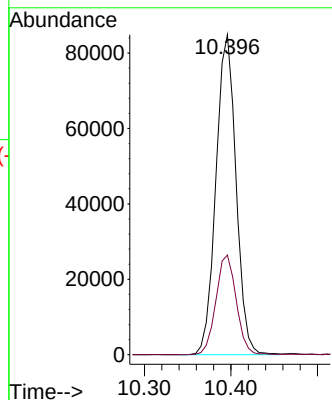
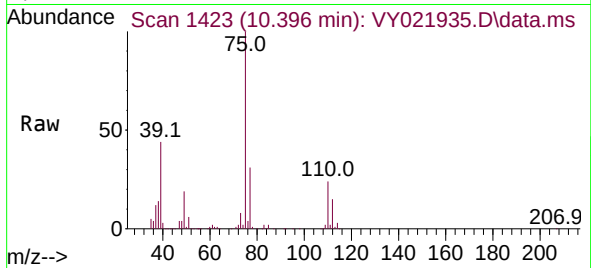




#53
t-1,3-Dichloropropene
Concen: 51.926 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

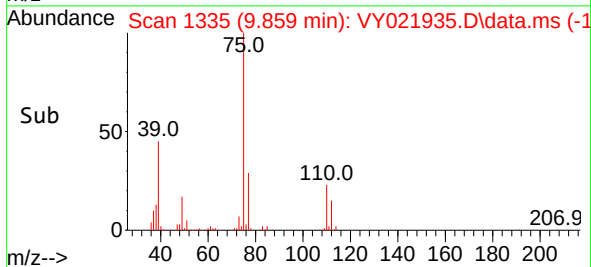
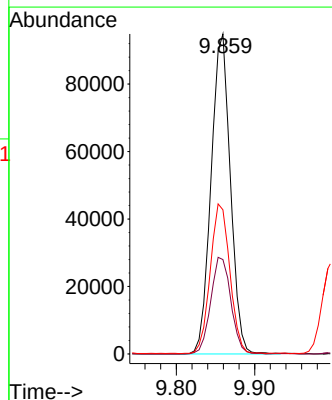
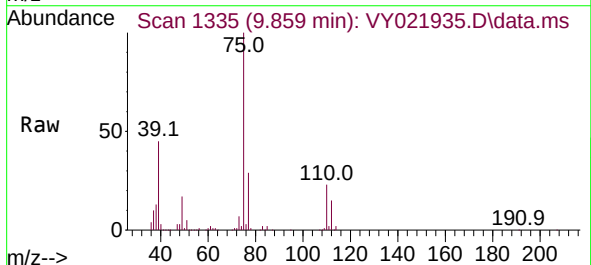
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

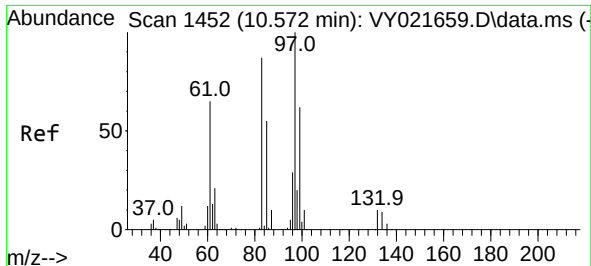
Tgt Ion: 75 Resp: 136654
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 52.231 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 75 Resp: 162164
Ion Ratio Lower Upper
75 100
77 29.5 24.9 37.3
39 44.9 39.2 58.8

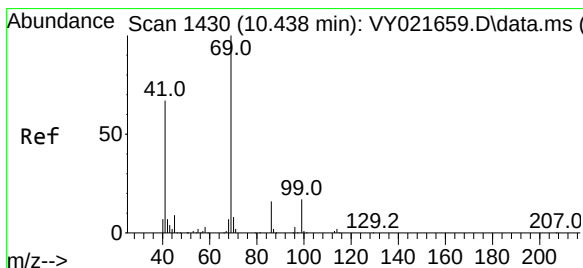
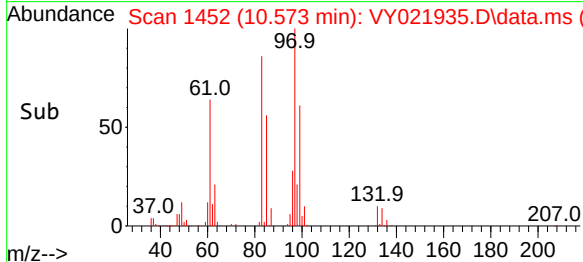
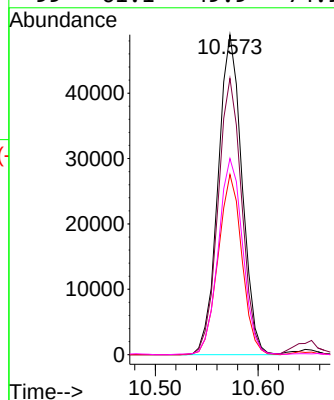
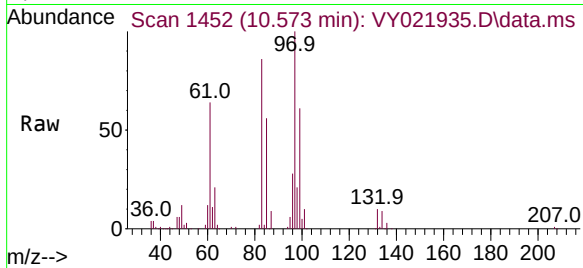




#55
1,1,2-Trichloroethane
Concen: 53.782 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

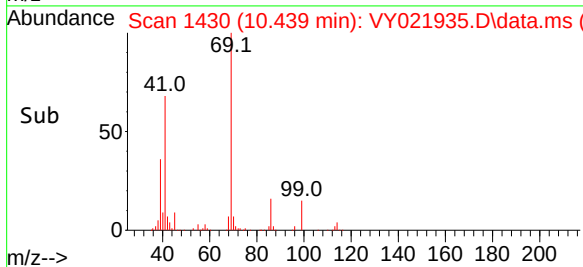
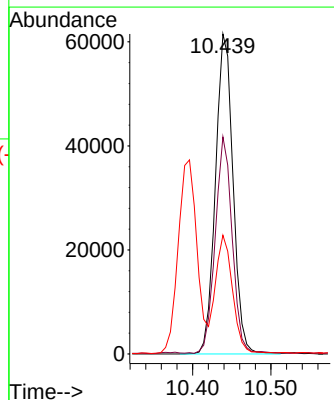
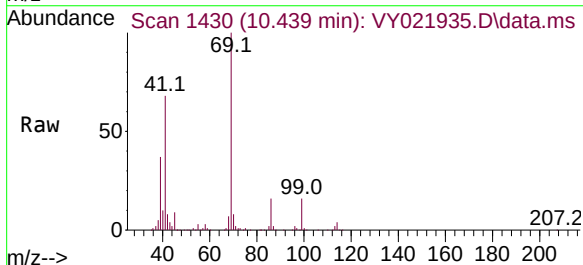
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

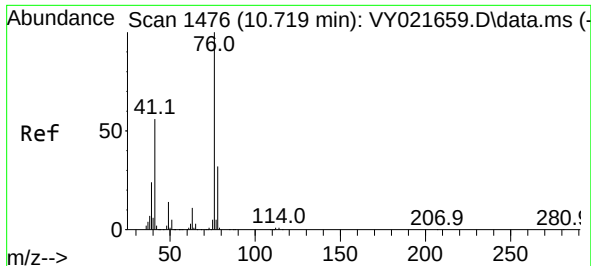
Tgt Ion: 97	Resp: 79140
Ion Ratio	Lower Upper
97 100	
83 86.4	69.5 104.3
85 56.3	43.9 65.9
99 61.1	49.9 74.9



#56
Ethyl methacrylate
Concen: 51.086 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 69	Resp: 95988
Ion Ratio	Lower Upper
69 100	
41 65.2	53.8 80.6
39 35.2	29.6 44.4





#57

1,3-Dichloropropane

Concen: 52.723 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

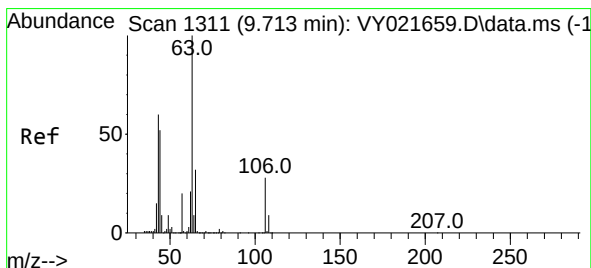
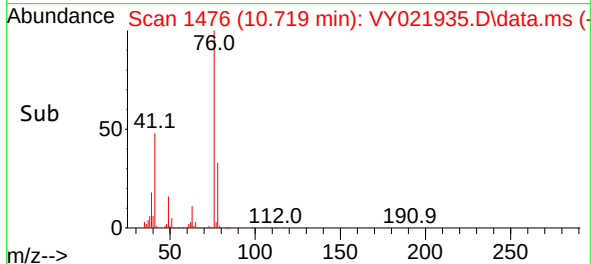
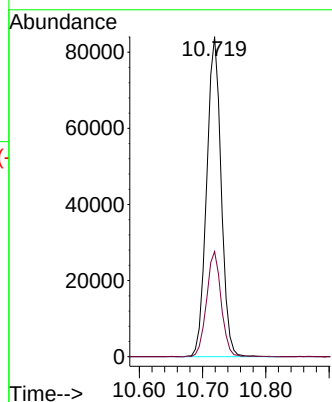
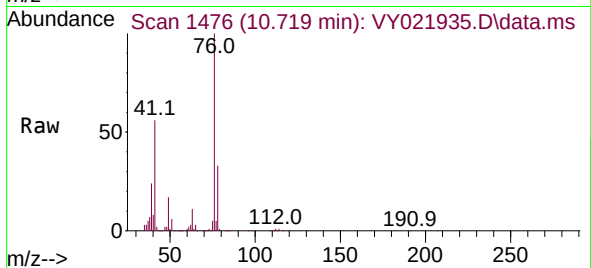
VSTDCCC050

Tgt Ion: 76 Resp: 133988

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 280.396 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021935.D

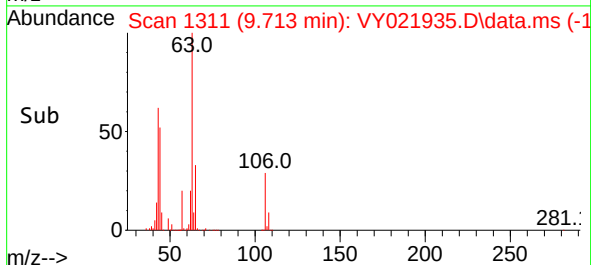
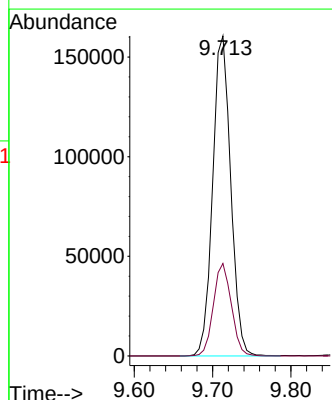
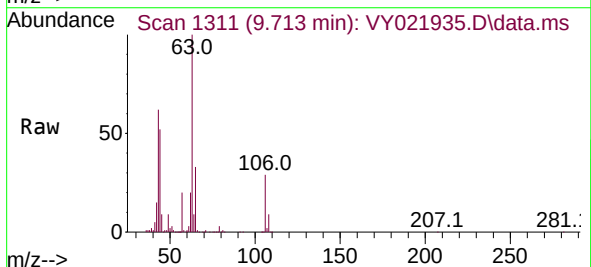
Acq: 21 Apr 2025 09:08

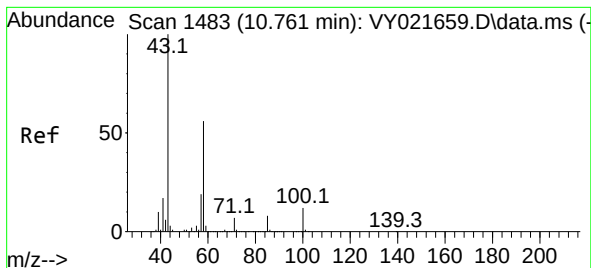
Tgt Ion: 63 Resp: 257013

Ion Ratio Lower Upper

63 100

106 28.7 22.4 33.6

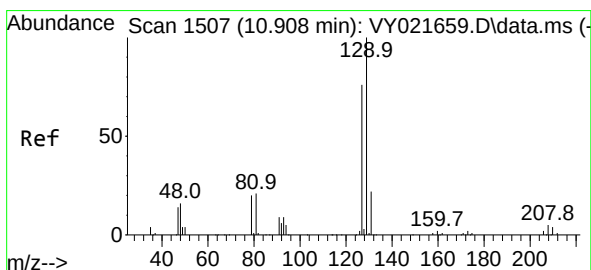
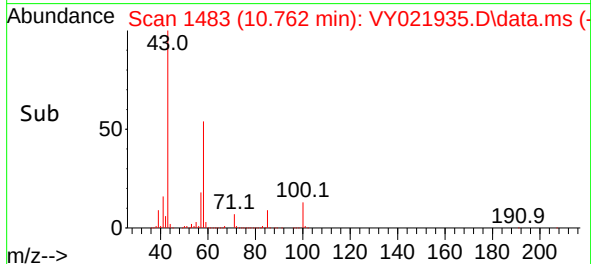
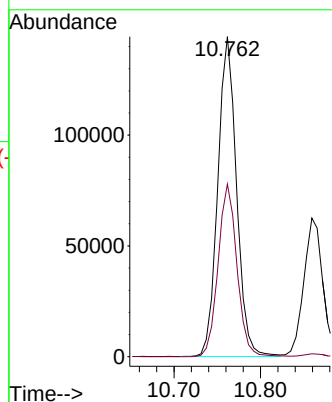
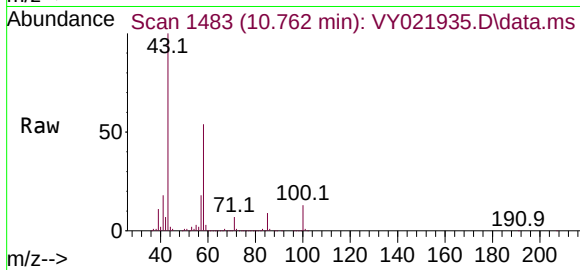




#59
2-Hexanone
Concen: 249.845 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

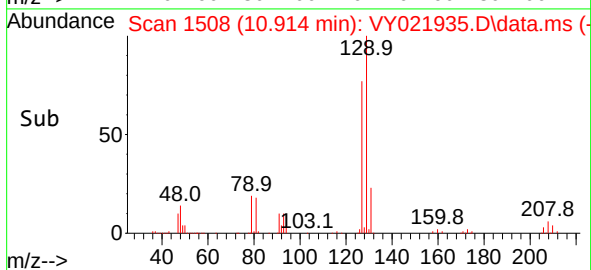
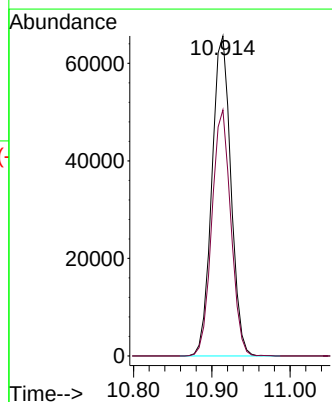
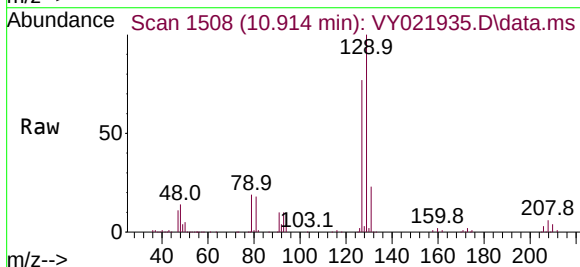
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

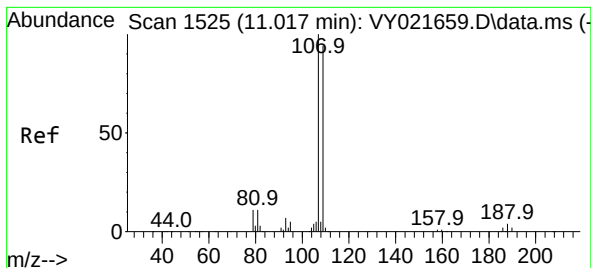
Tgt Ion: 43 Resp: 216755
Ion Ratio Lower Upper
43 100
58 54.4 27.2 81.5



#60
Dibromochloromethane
Concen: 54.974 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion:129 Resp: 110446
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7

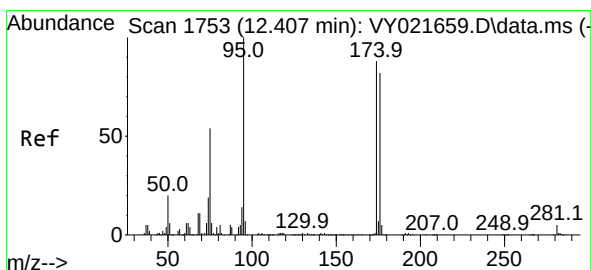
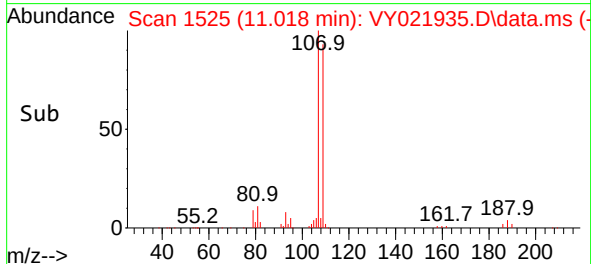
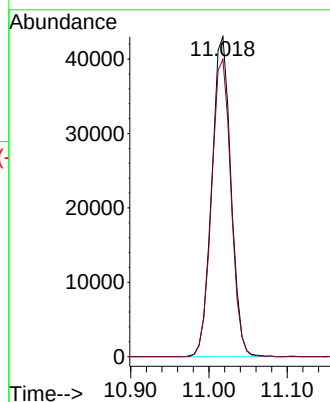
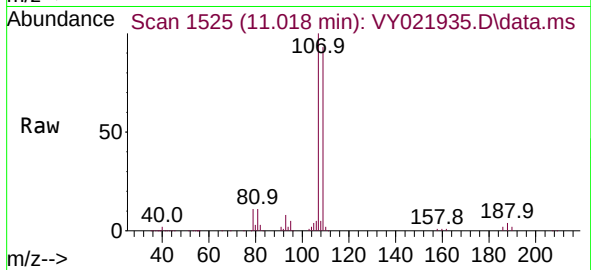




#61
1,2-Dibromoethane
Concen: 52.934 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

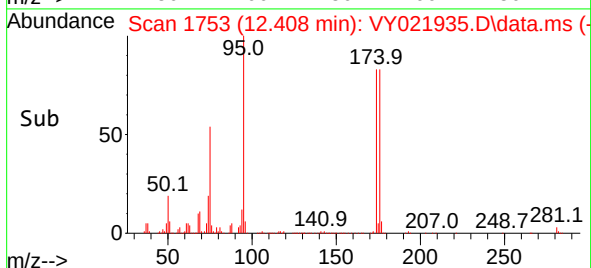
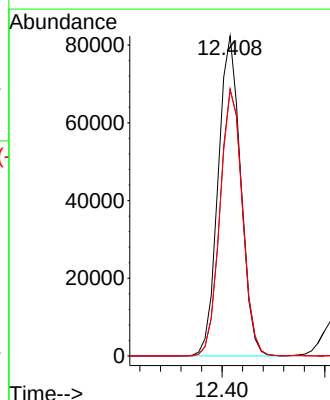
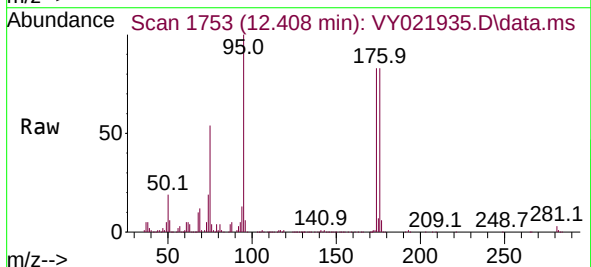
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

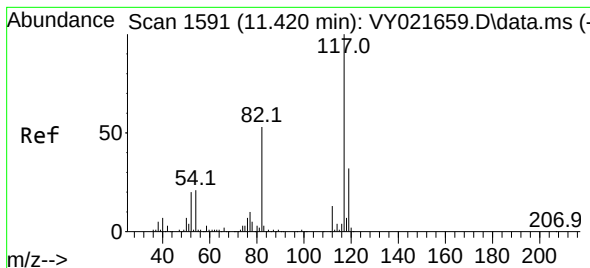
Tgt Ion:107 Resp: 73069
Ion Ratio Lower Upper
107 100
109 94.3 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 52.859 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 95 Resp: 124987
Ion Ratio Lower Upper
95 100
174 83.8 0.0 170.8
176 83.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

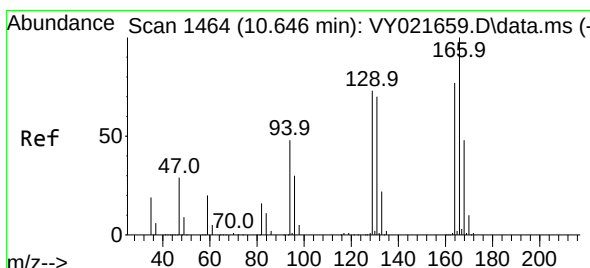
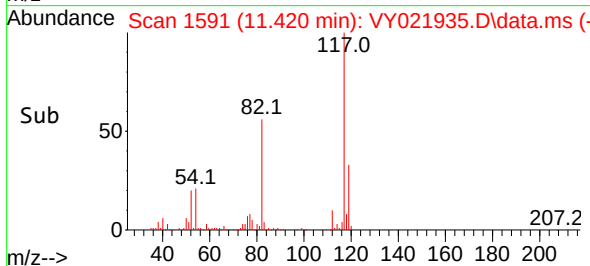
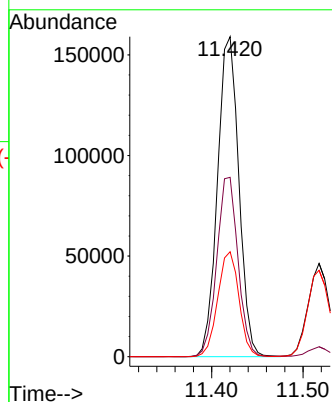
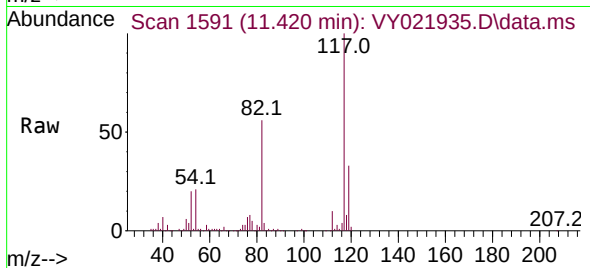
Tgt Ion:117 Resp: 258729

Ion Ratio Lower Upper

117 100

82 56.1 42.8 64.2

119 32.8 25.7 38.5



#64

Tetrachloroethene

Concen: 56.144 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Tgt Ion:164 Resp: 132299

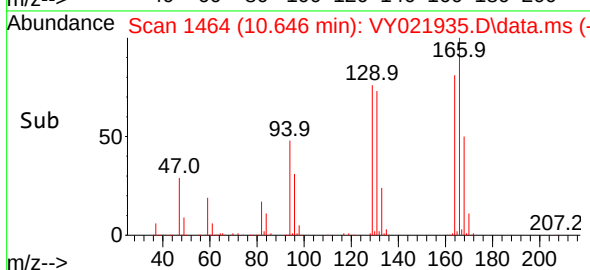
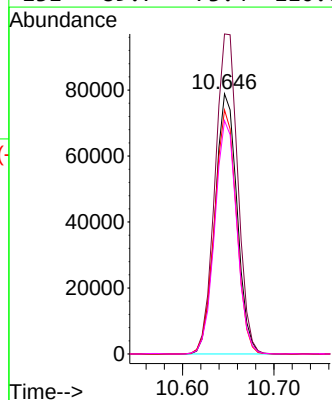
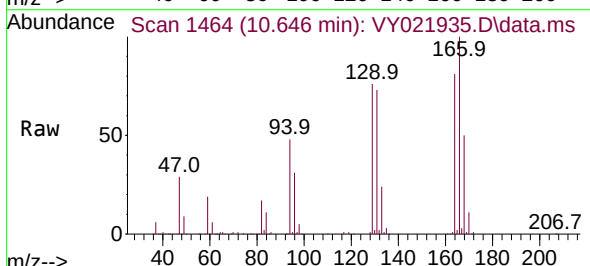
Ion Ratio Lower Upper

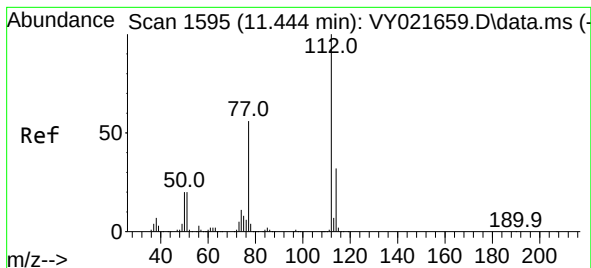
164 100

166 123.0 104.6 156.8

129 93.8 76.6 114.8

131 89.7 73.4 110.0





#65

Chlorobenzene

Concen: 51.926 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

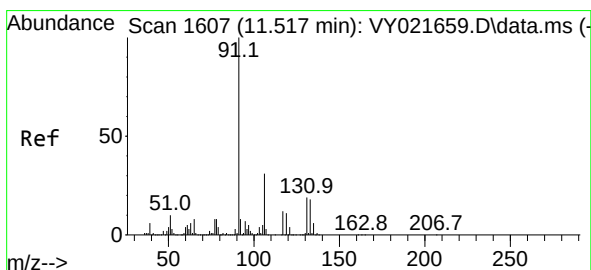
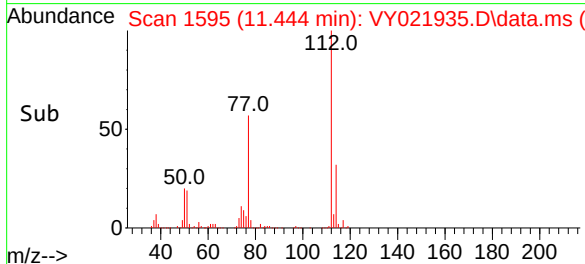
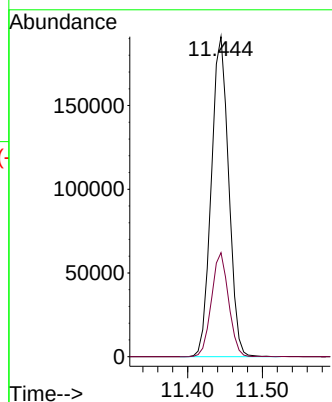
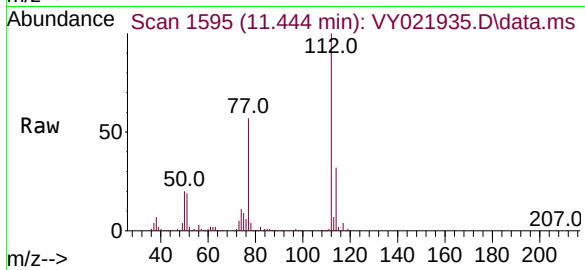
VSTDCCC050

Tgt Ion:112 Resp: 307970

Ion Ratio Lower Upper

112 100

114 32.5 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 52.468 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

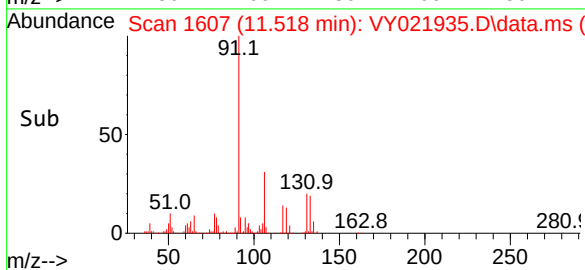
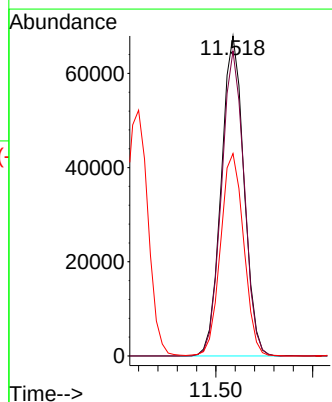
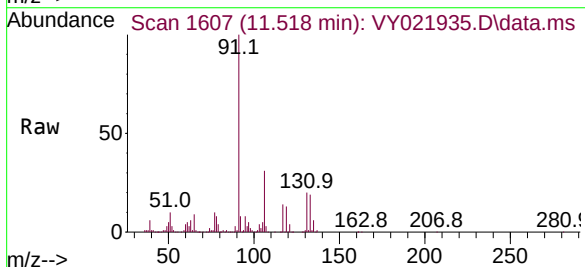
Tgt Ion:131 Resp: 110407

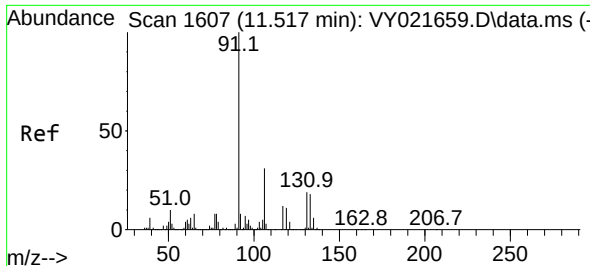
Ion Ratio Lower Upper

131 100

133 95.3 47.3 141.8

119 64.6 31.6 95.0





#67

Ethyl Benzene

Concen: 52.632 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

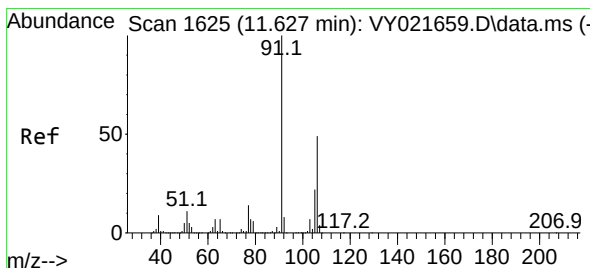
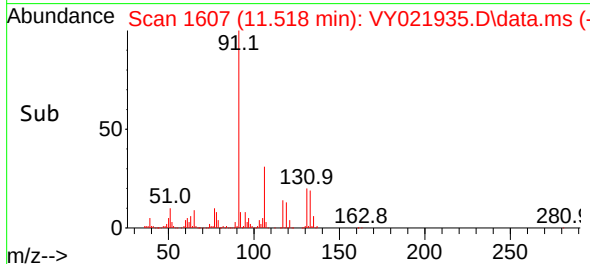
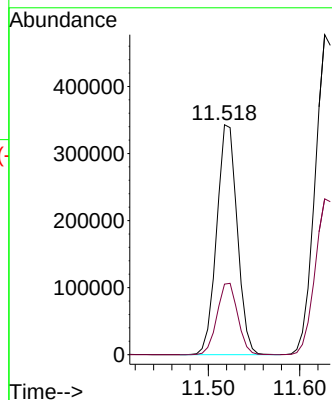
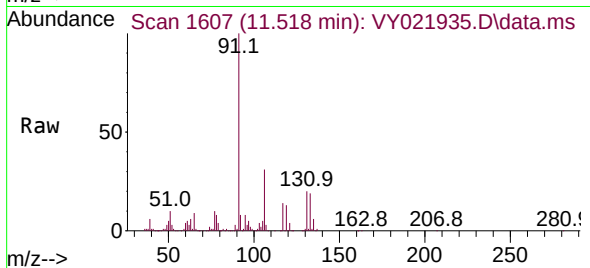
VSTDCCC050

Tgt Ion: 91 Resp: 535282

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 106.972 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021935.D

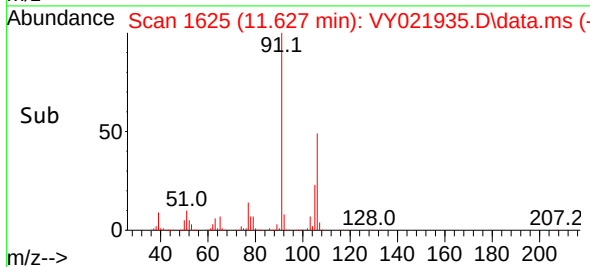
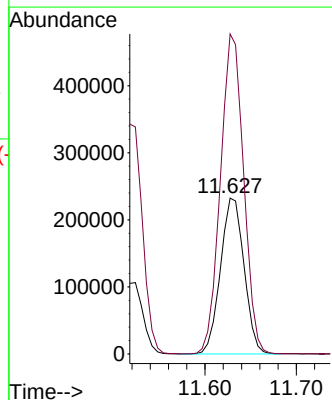
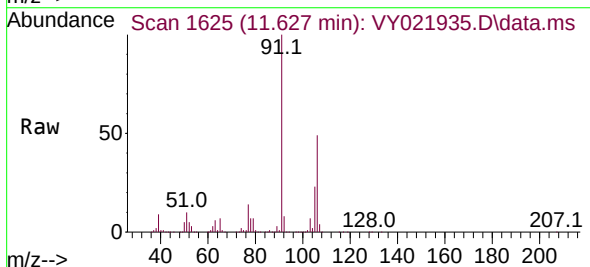
Acq: 21 Apr 2025 09:08

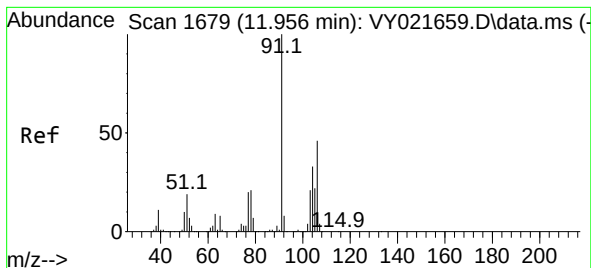
Tgt Ion: 106 Resp: 416599

Ion Ratio Lower Upper

106 100

91 202.2 162.4 243.6





#69

o-Xylene

Concen: 53.559 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

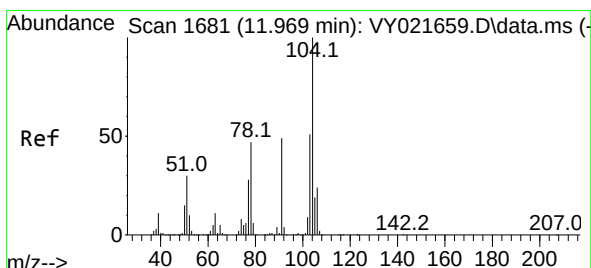
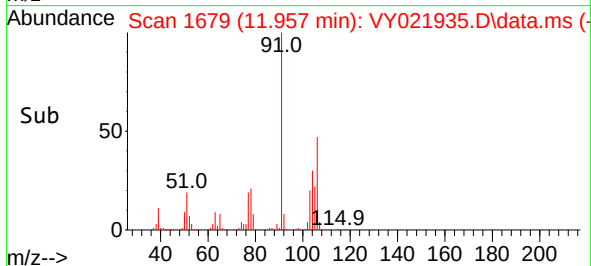
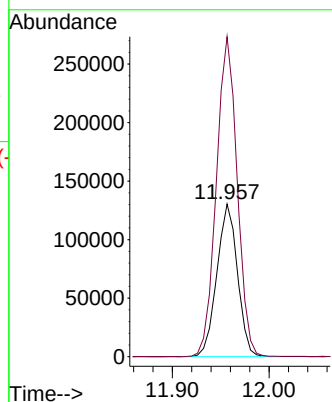
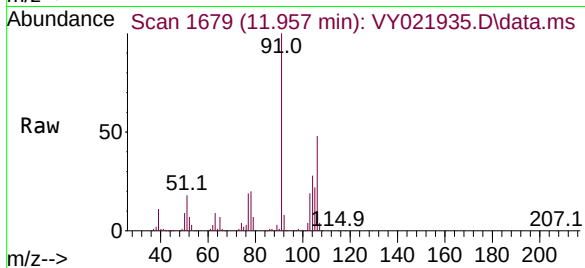
VSTDCCC050

Tgt Ion:106 Resp: 192539

Ion Ratio Lower Upper

106 100

91 212.6 106.7 319.9



#70

Styrene

Concen: 55.426 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

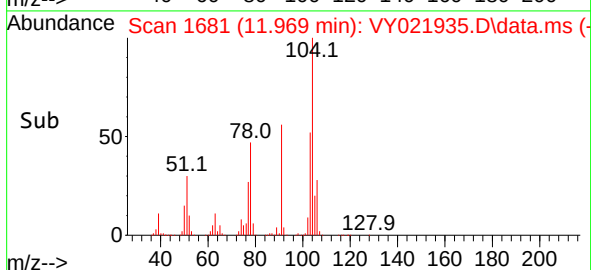
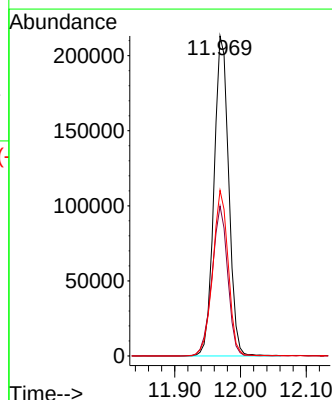
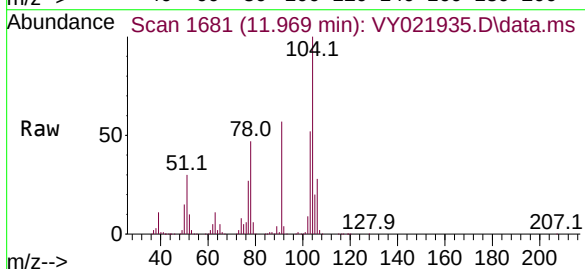
Tgt Ion:104 Resp: 332214

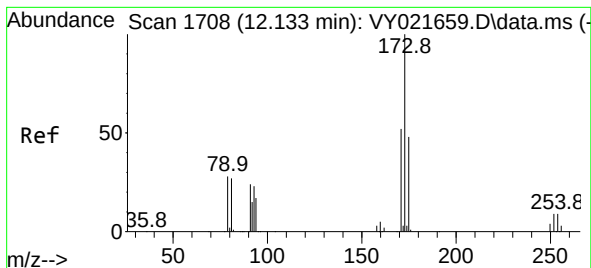
Ion Ratio Lower Upper

104 100

78 50.0 40.8 61.2

103 54.5 44.2 66.2





#71

Bromoform

Concen: 52.738 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

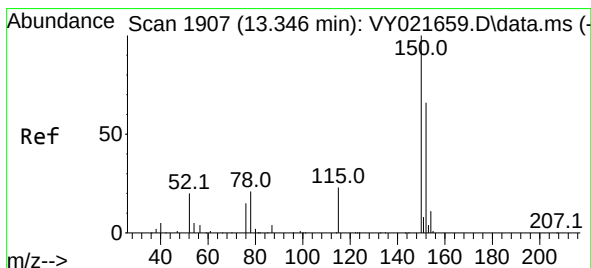
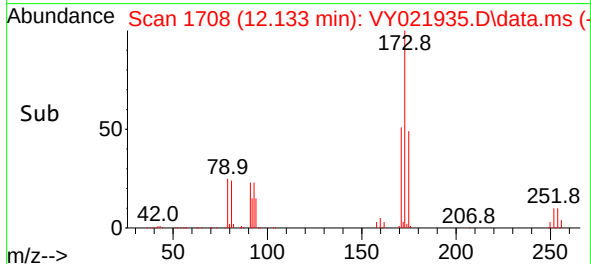
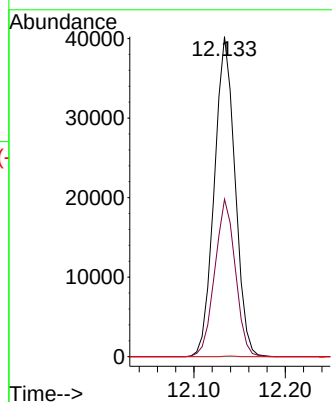
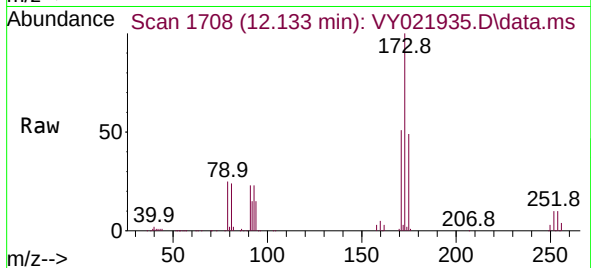
Tgt Ion:173 Resp: 63303

Ion Ratio Lower Upper

173 100

175 48.9 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: VY021935.D

Acq: 21 Apr 2025 09:08

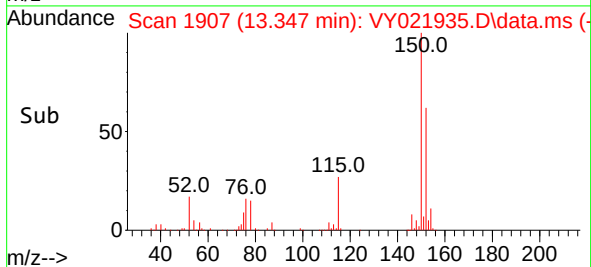
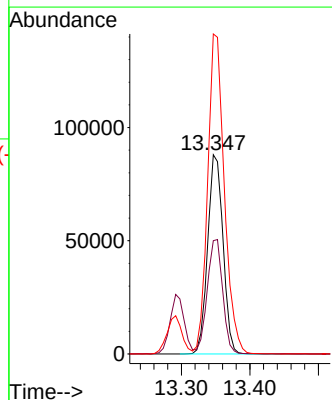
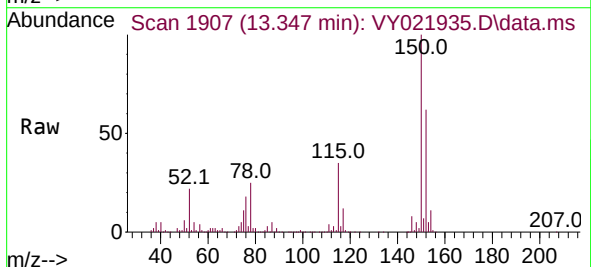
Tgt Ion:152 Resp: 137455

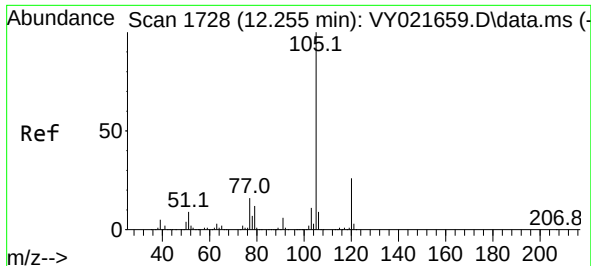
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 174.4 0.0 348.4

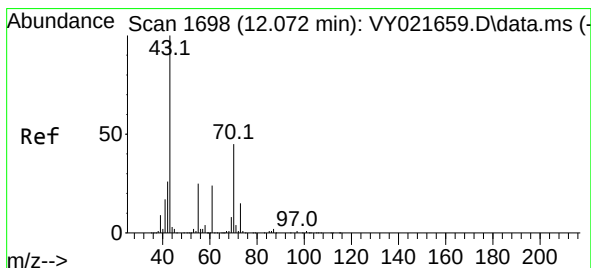
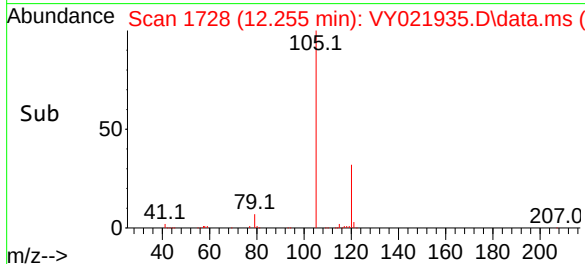
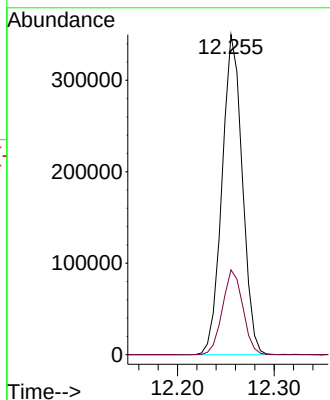
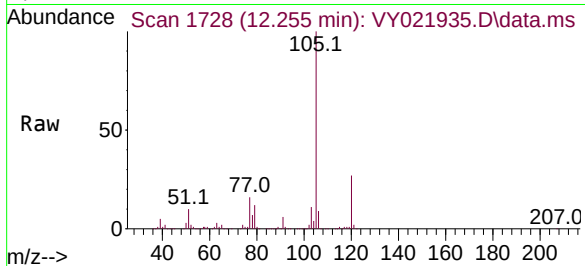




#73
Isopropylbenzene
Concen: 49.949 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

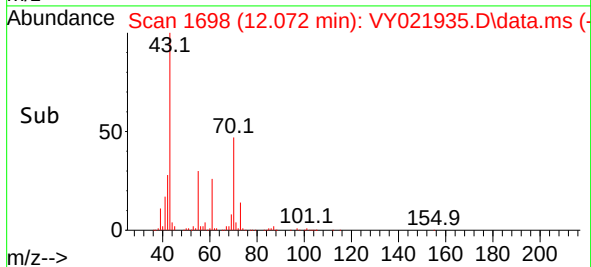
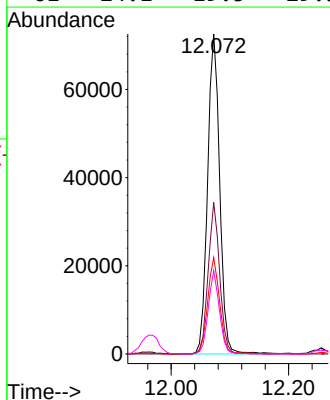
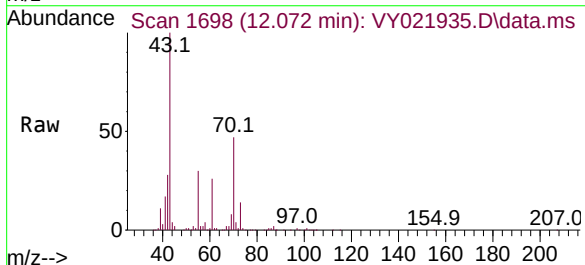
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

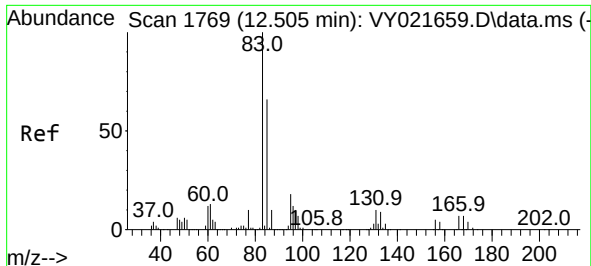
Tgt Ion:105 Resp: 509941
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5



#74
N-ethyl acetate
Concen: 43.363 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 43 Resp: 103900
Ion Ratio Lower Upper
43 100
70 44.9 34.7 52.1
55 30.0 21.2 31.8
61 24.1 19.5 29.3

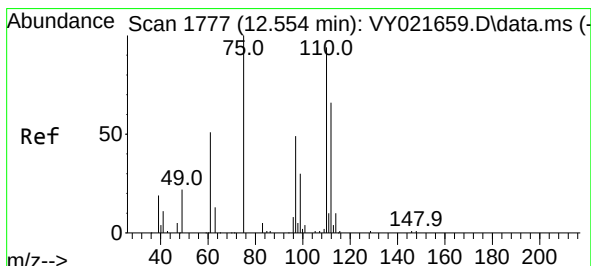
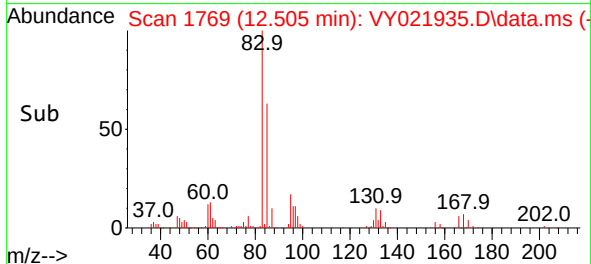
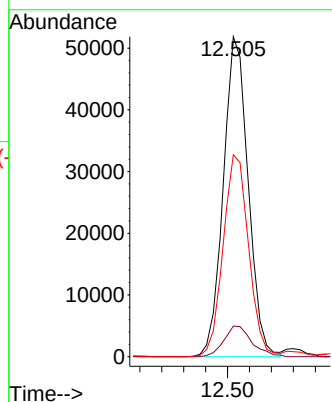
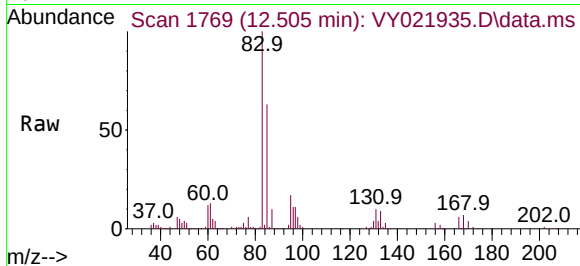




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.525 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021935.D
 Acq: 21 Apr 2025 09:08

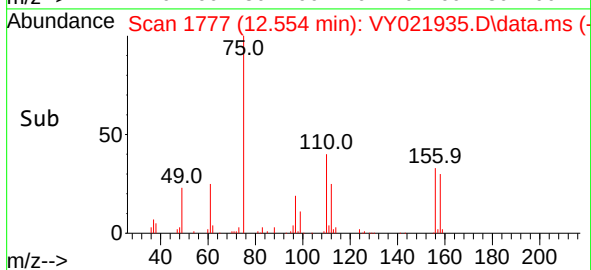
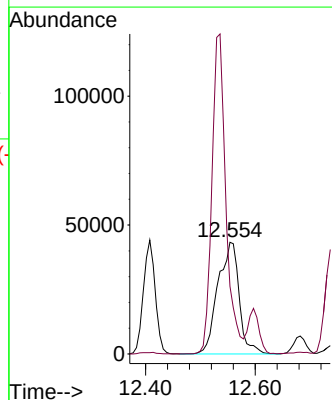
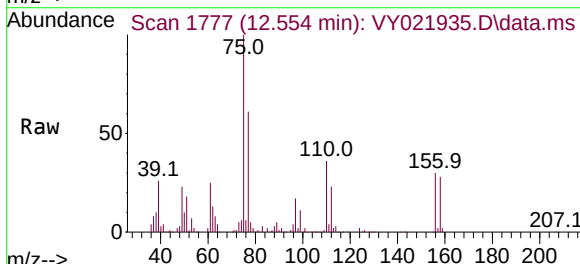
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

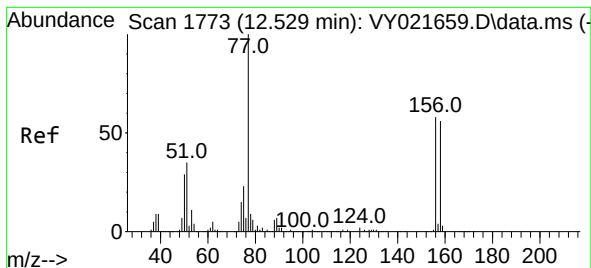
Tgt Ion: 83 Resp: 81727
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.1 15.3
 85 64.7 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 85.801 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021935.D
 Acq: 21 Apr 2025 09:08

Tgt Ion: 75 Resp: 116907
 Ion Ratio Lower Upper
 75 100
 77 188.3 0.0 0.0#





#77

Bromobenzene

Concen: 50.074 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

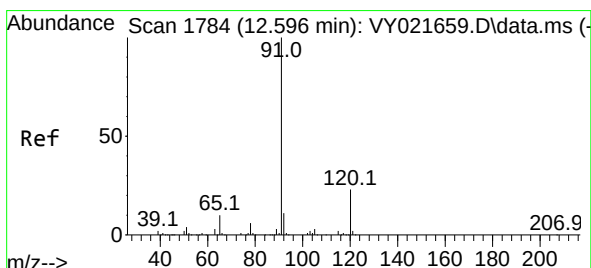
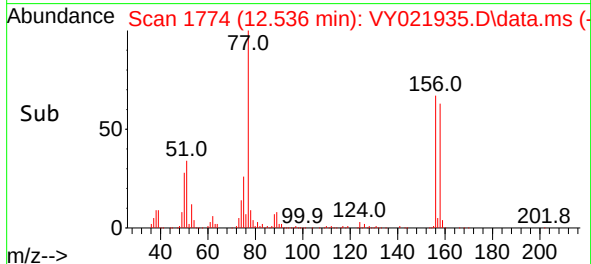
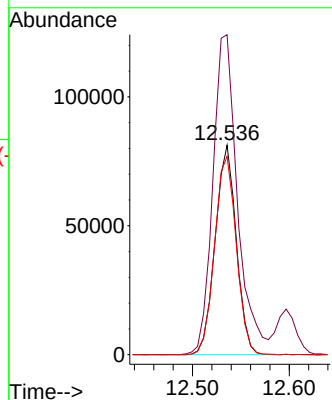
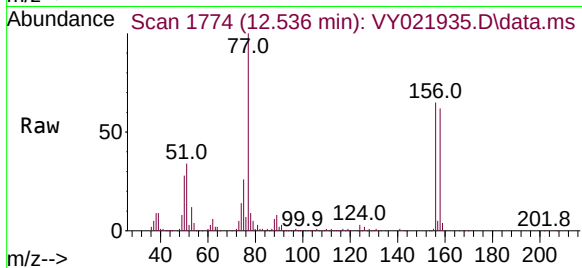
Tgt Ion:156 Resp: 122745

Ion Ratio Lower Upper

156 100

77 179.3 92.8 278.3

158 97.6 48.5 145.6



#78

n-propylbenzene

Concen: 50.235 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021935.D

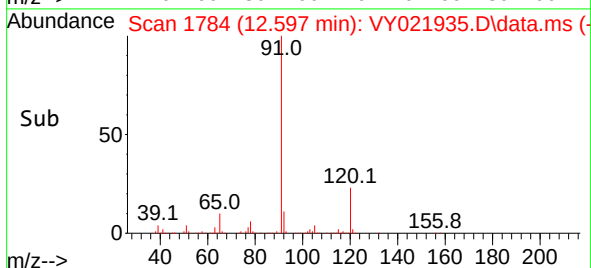
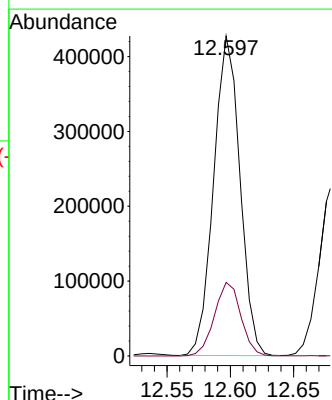
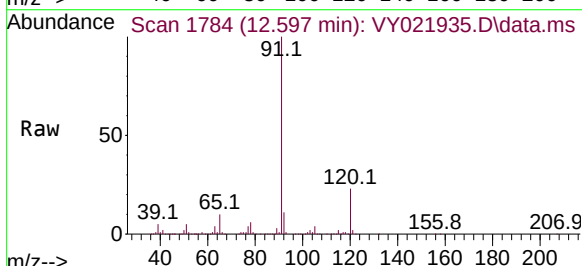
Acq: 21 Apr 2025 09:08

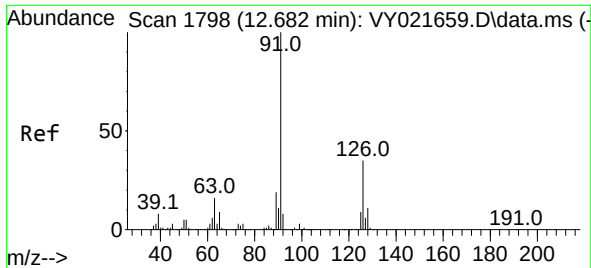
Tgt Ion: 91 Resp: 616586

Ion Ratio Lower Upper

91 100

120 23.1 11.3 33.9

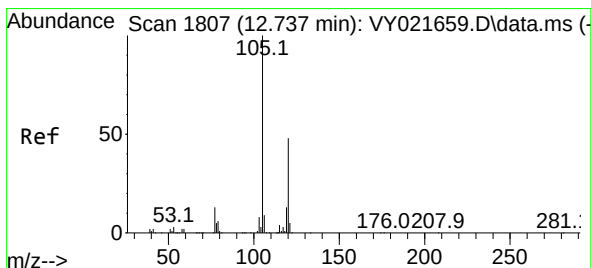
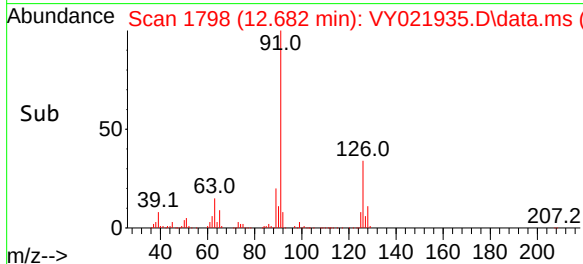
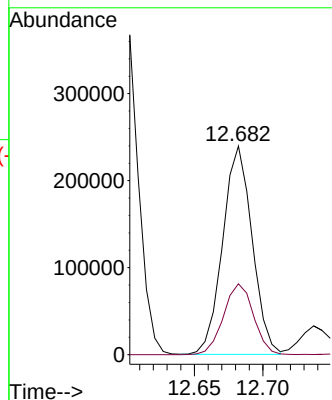
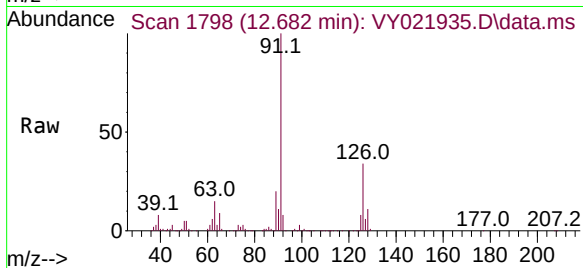




#79
2-Chlorotoluene
Concen: 50.177 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

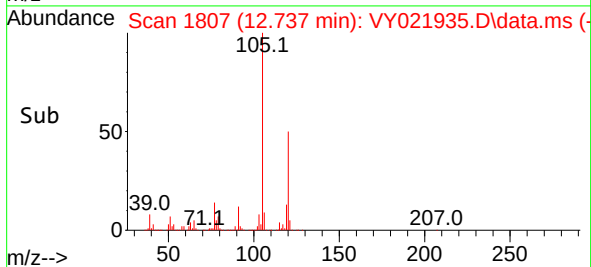
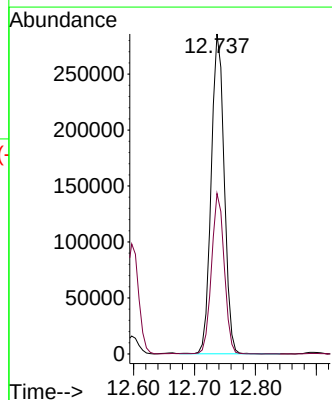
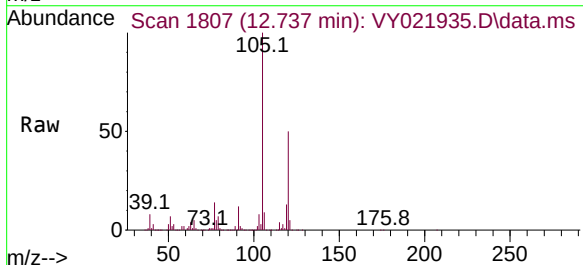
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

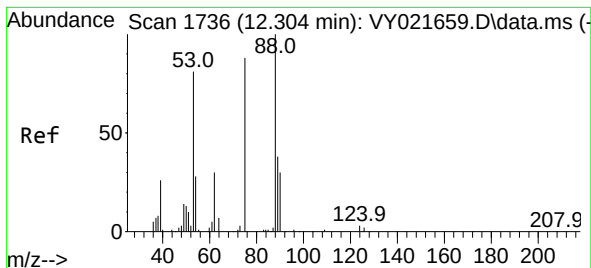
Tgt Ion: 91 Resp: 357709
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 50.714 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 105 Resp: 423156
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5

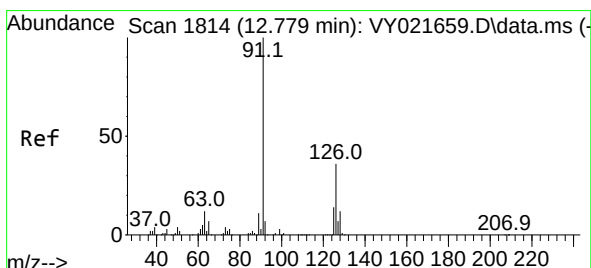
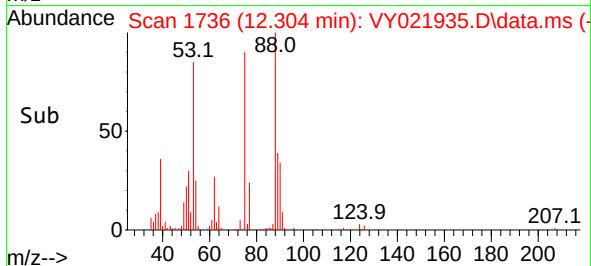
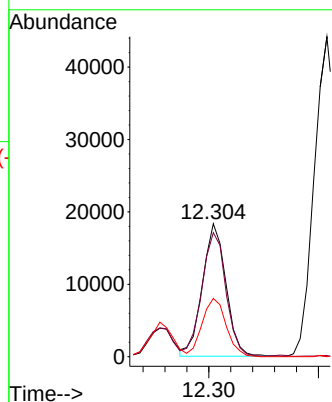
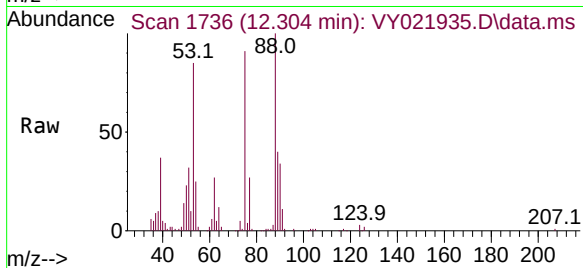




#81
trans-1,4-Dichloro-2-butene
Concen: 46.131 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

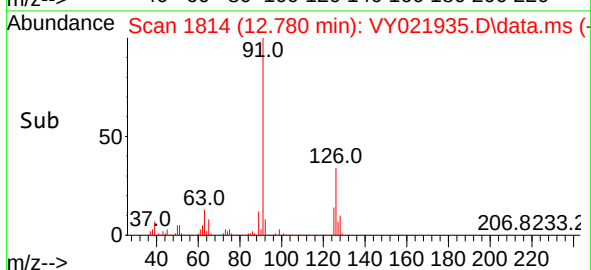
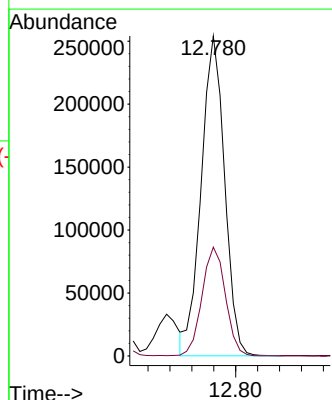
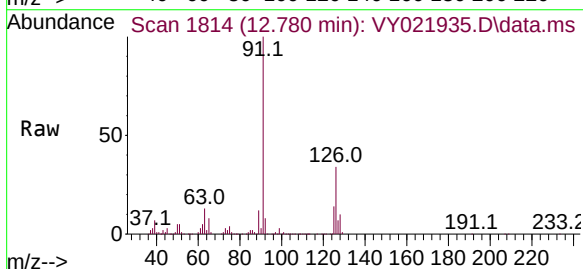
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

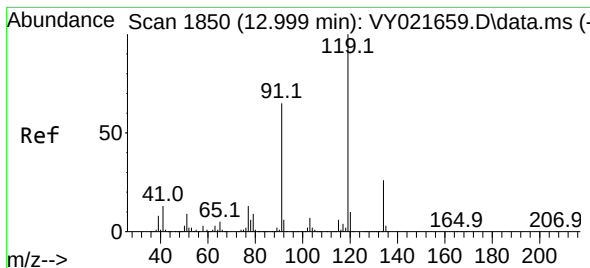
Tgt Ion: 75 Resp: 27279
Ion Ratio Lower Upper
75 100
53 95.6 76.1 114.1
89 44.8 36.2 54.4



#82
4-Chlorotoluene
Concen: 50.641 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 91 Resp: 376375
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 48.944 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

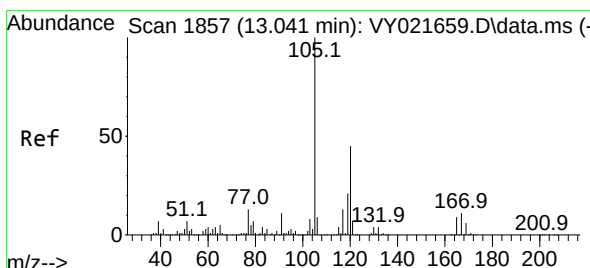
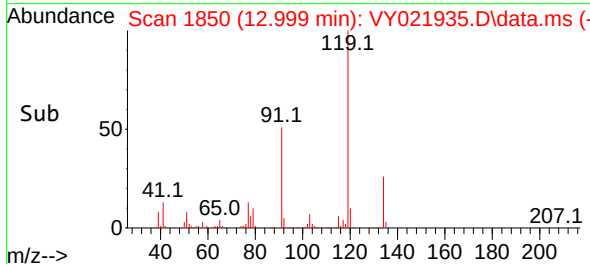
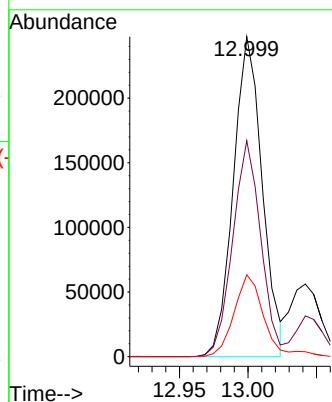
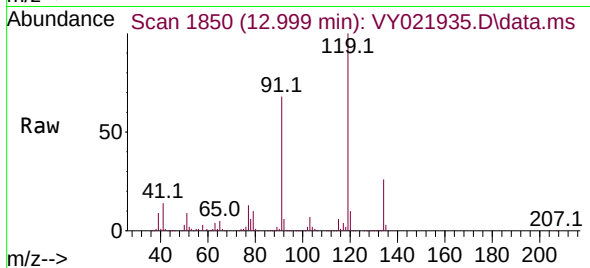
Tgt Ion:119 Resp: 363749

Ion Ratio Lower Upper

119 100

91 65.2 32.6 97.7

134 26.5 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 51.742 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021935.D

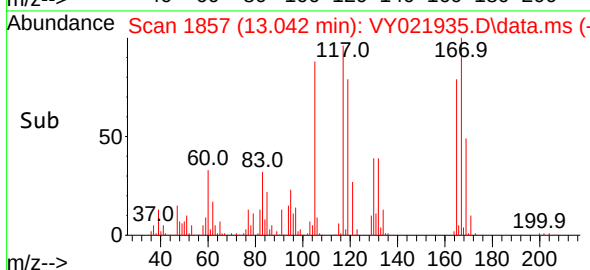
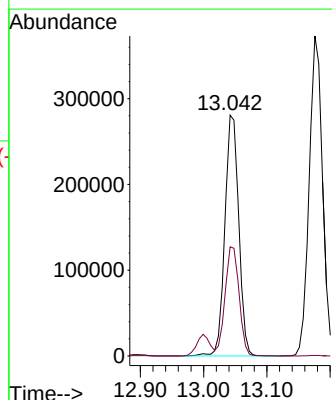
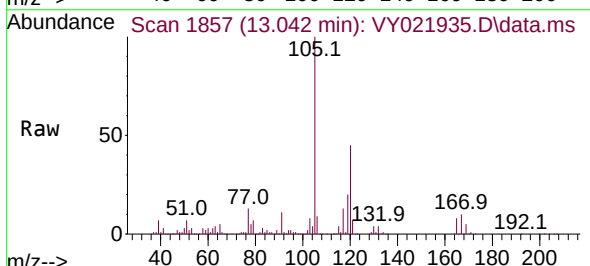
Acq: 21 Apr 2025 09:08

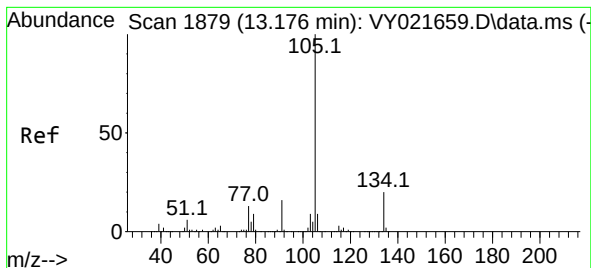
Tgt Ion:105 Resp: 426708

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 49.958 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

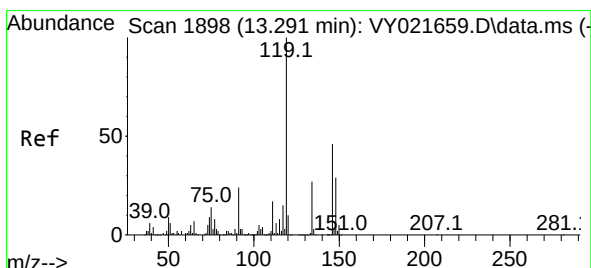
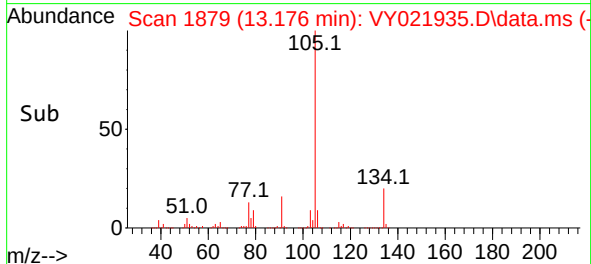
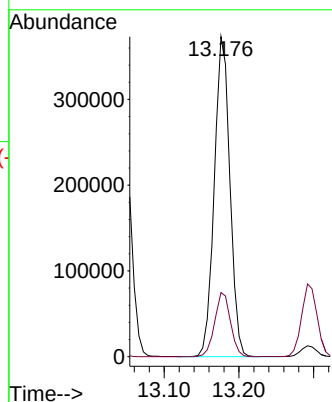
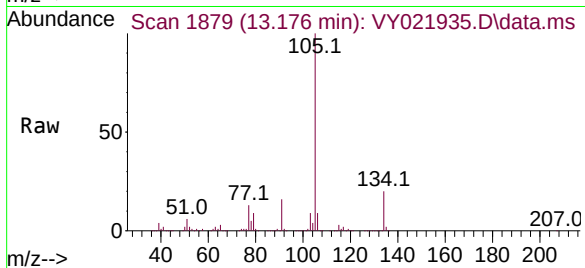
VSTDCCC050

Tgt Ion:105 Resp: 542599

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.008 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

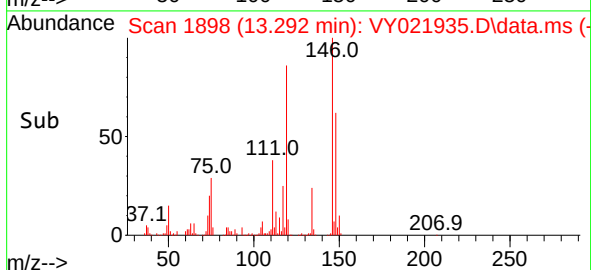
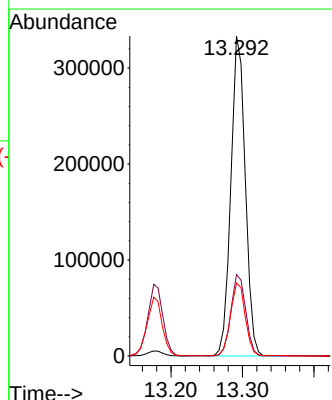
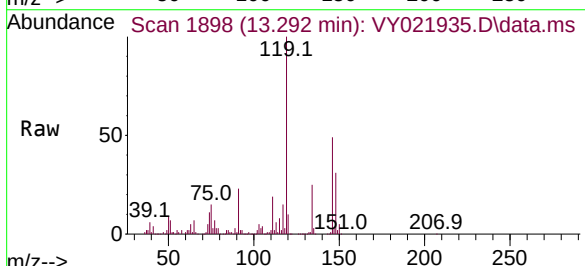
Tgt Ion:119 Resp: 466865

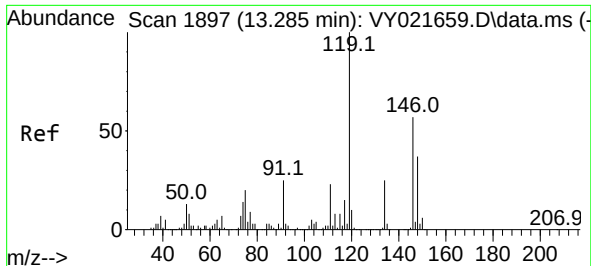
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 23.2 12.0 36.0

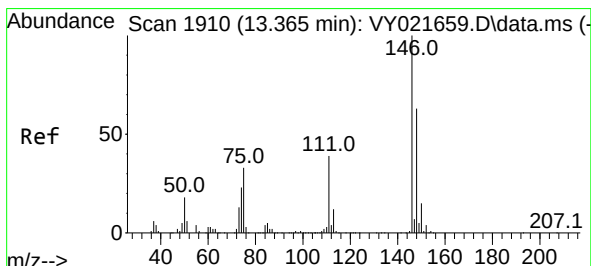
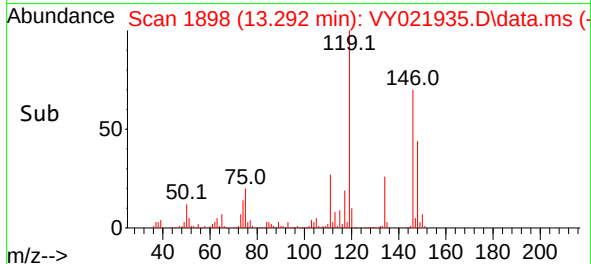
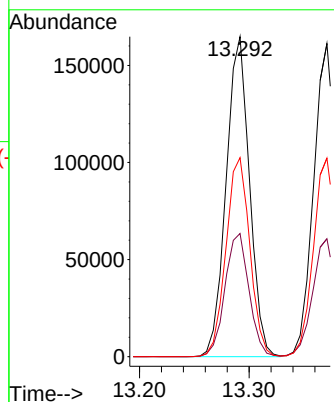
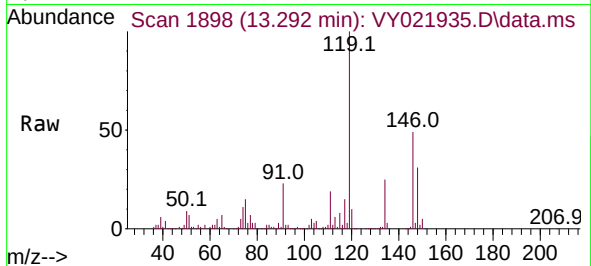




#87
1,3-Dichlorobenzene
Concen: 50.512 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

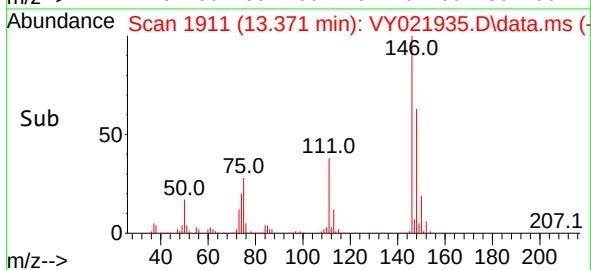
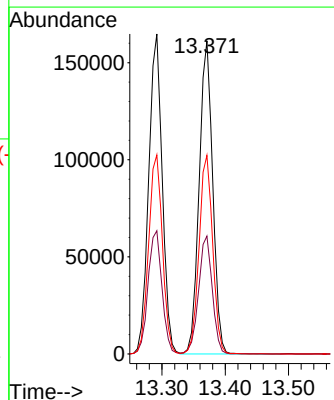
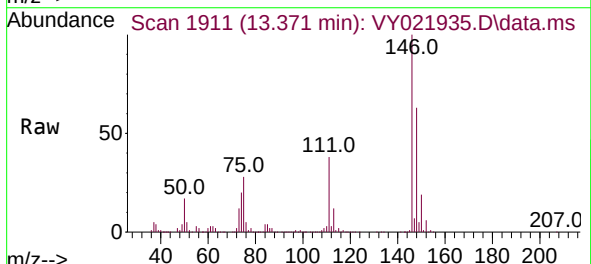
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

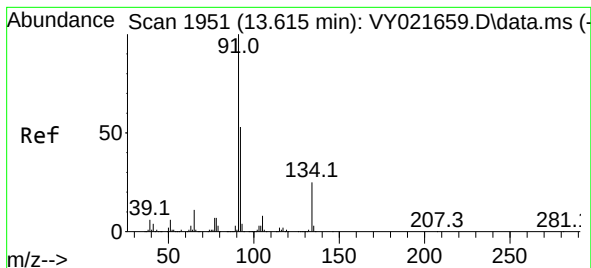
Tgt Ion:146 Resp: 243945
Ion Ratio Lower Upper
146 100
111 39.6 20.0 60.0
148 63.5 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 50.351 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion:146 Resp: 240246
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.1
148 63.8 31.5 94.5





#89

n-Butylbenzene

Concen: 50.513 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

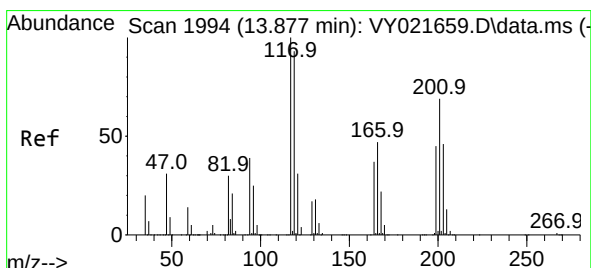
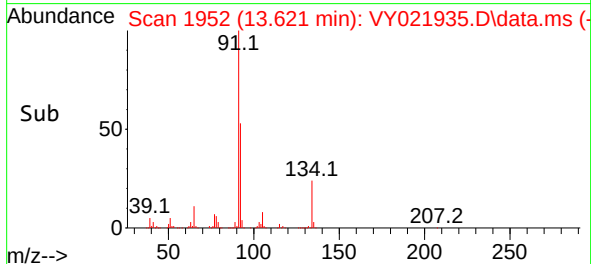
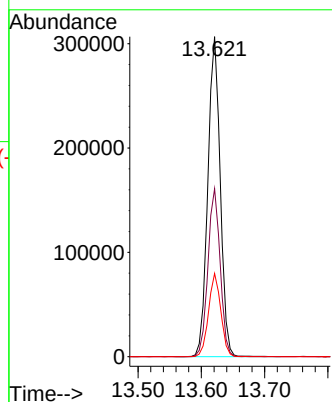
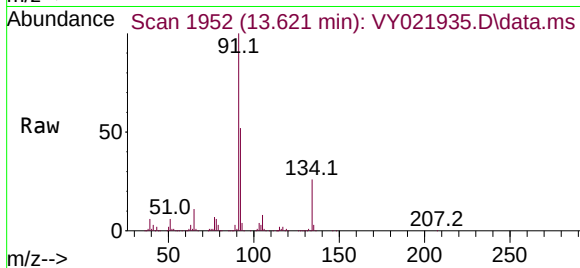
Tgt Ion: 91 Resp: 419349

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.2

134 25.6 12.8 38.4



#90

Hexachloroethane

Concen: 49.234 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021935.D

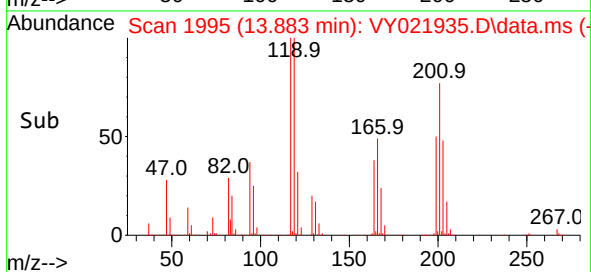
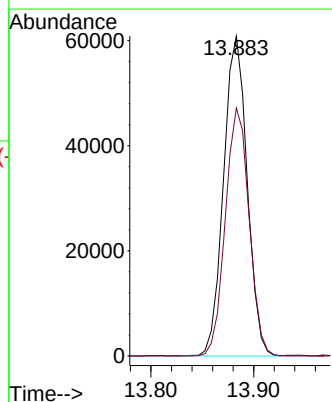
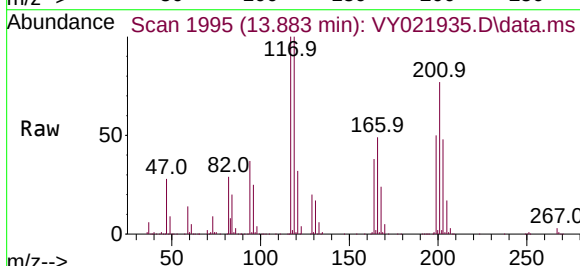
Acq: 21 Apr 2025 09:08

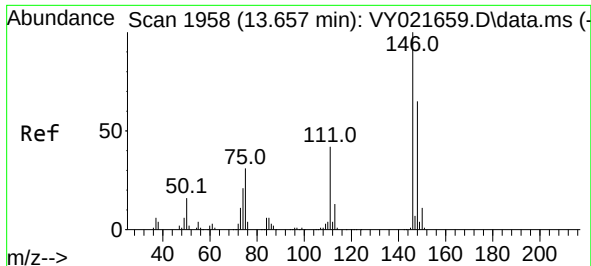
Tgt Ion: 117 Resp: 96849

Ion Ratio Lower Upper

117 100

201 78.1 37.4 112.1

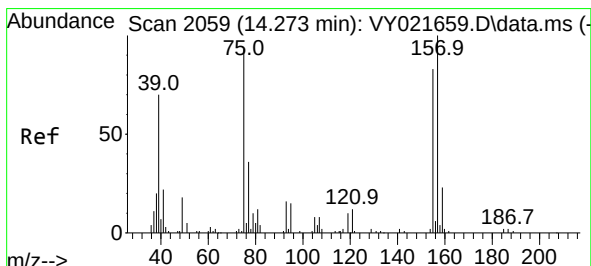
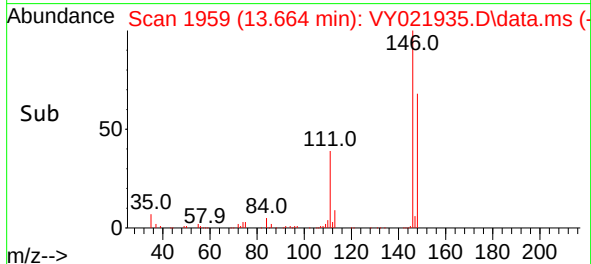
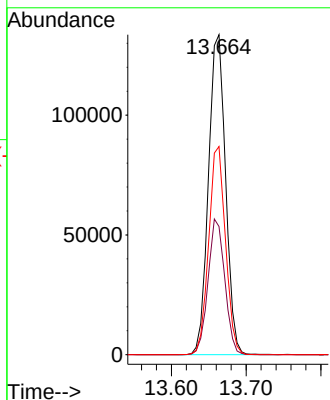
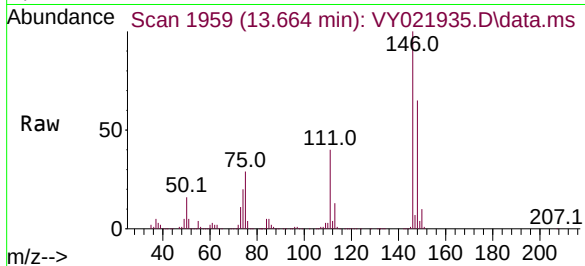




#91
1,2-Dichlorobenzene
Concen: 50.700 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

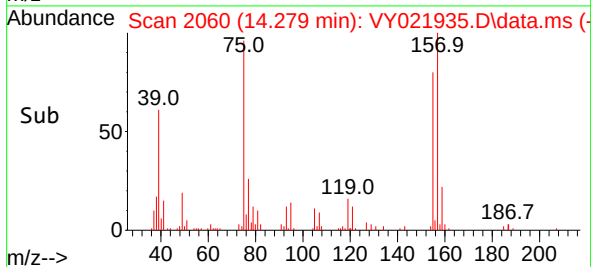
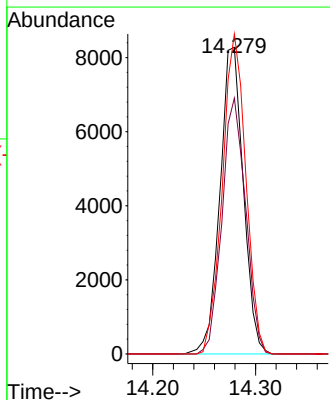
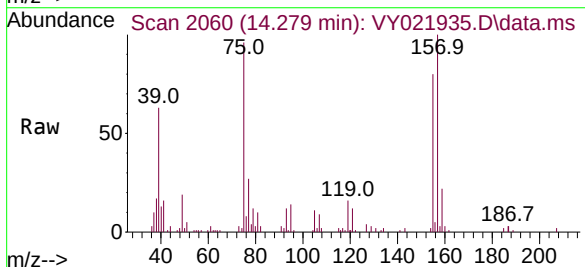
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

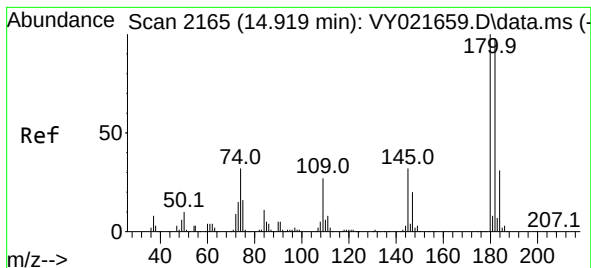
Tgt Ion:146 Resp: 213145
Ion Ratio Lower Upper
146 100
111 41.5 20.7 62.1
148 63.9 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.030 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion: 75 Resp: 13095
Ion Ratio Lower Upper
75 100
155 84.0 43.0 128.8
157 104.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 52.356 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

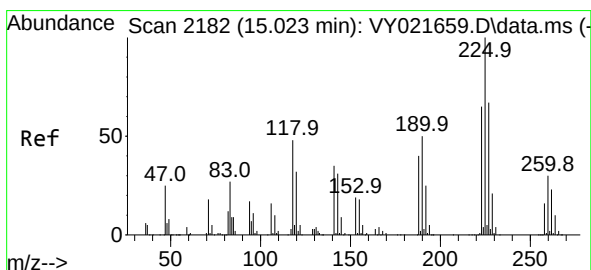
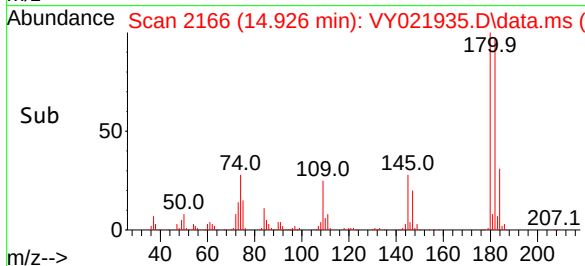
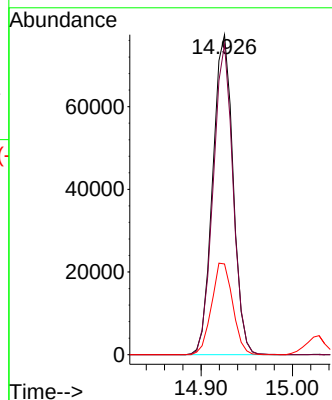
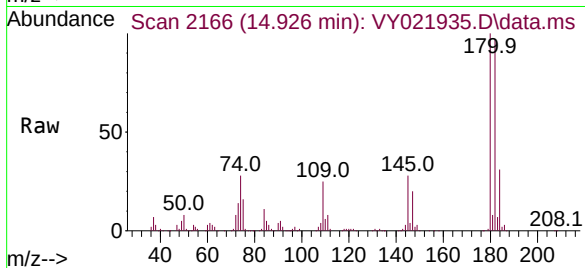
Tgt Ion:180 Resp: 119363

Ion Ratio Lower Upper

180 100

182 94.8 47.5 142.6

145 29.7 14.9 44.9



#94

Hexachlorobutadiene

Concen: 51.677 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021935.D

Acq: 21 Apr 2025 09:08

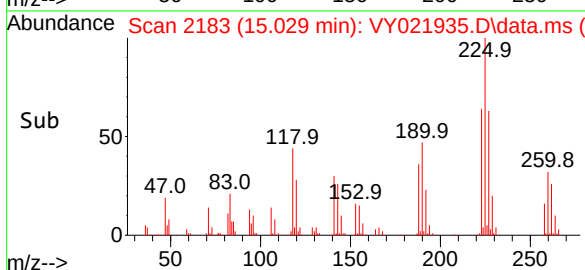
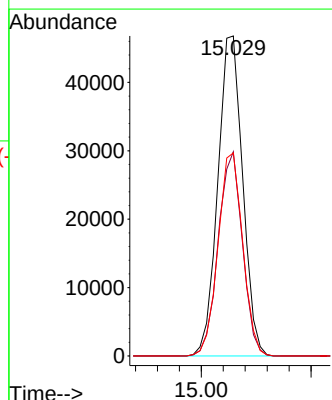
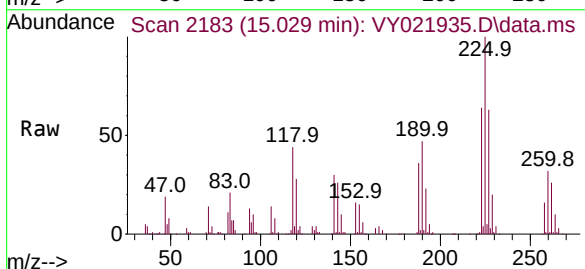
Tgt Ion:225 Resp: 73579

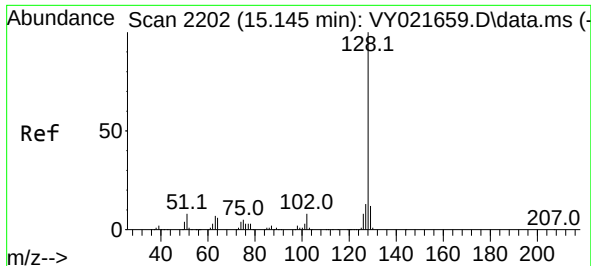
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.7

227 63.1 32.4 97.0

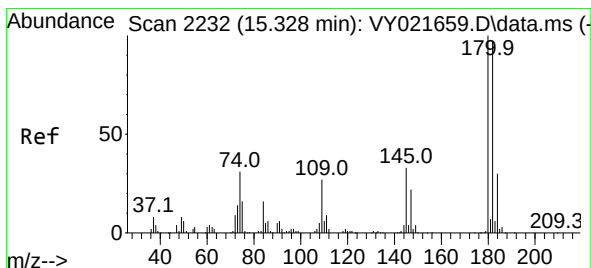
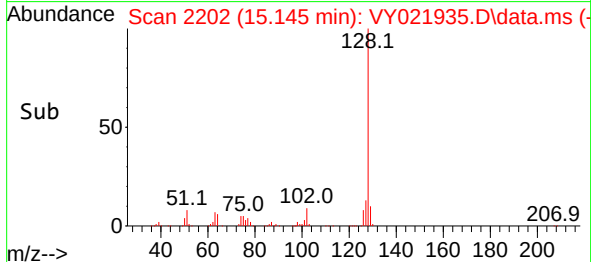
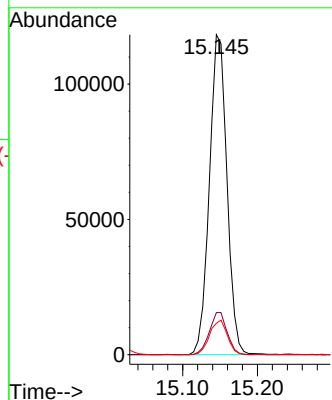
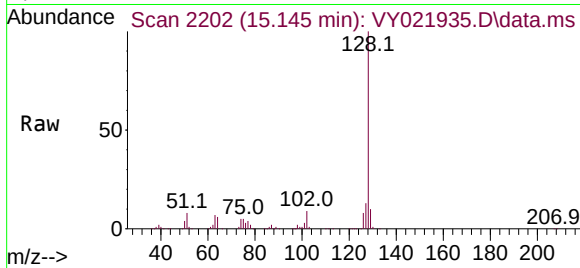




#95
Naphthalene
Concen: 51.020 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 192802
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.468 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY021935.D
Acq: 21 Apr 2025 09:08

Tgt Ion:180 Resp: 100061
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 33.0 15.9 47.7

