

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042425\
 Data File : VY021987.D
 Acq On : 24 Apr 2025 08:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 25 01:22:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	318609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	460067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	427639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	234232	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132538	45.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.080%
35) Dibromofluoromethane	7.634	113	151102	49.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.420%
50) Toluene-d8	10.109	98	585168	51.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.140%
62) 4-Bromofluorobenzene	12.408	95	196835	51.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	126846	46.723	ug/l	99
3) Chloromethane	2.068	50	187248	48.439	ug/l	100
4) Vinyl Chloride	2.202	62	228917	48.189	ug/l	94
5) Bromomethane	2.598	94	187581	45.834	ug/l	99
6) Chloroethane	2.739	64	158292	48.928	ug/l	99
7) Trichlorofluoromethane	3.056	101	306376	48.910	ug/l	97
8) Diethyl Ether	3.458	74	71889	44.093	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	164876	48.521	ug/l	100
10) Methyl Iodide	4.007	142	201943	51.329	ug/l	99
11) Tert butyl alcohol	4.885	59	33548	207.644	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	152810	48.246	ug/l	98
13) Acrolein	3.659	56	52551	181.224	ug/l	99
14) Allyl chloride	4.385	41	175799	47.668	ug/l	99
15) Acrylonitrile	5.061	53	138689	232.359	ug/l	98
16) Acetone	3.879	43	97303	252.842	ug/l	97
17) Carbon Disulfide	4.104	76	491843	48.702	ug/l	99
18) Methyl Acetate	4.391	43	64753	47.103	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	336288	47.437	ug/l	98
20) Methylene Chloride	4.610	84	160282	43.072	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	171622	48.383	ug/l	96
22) Diisopropyl ether	6.019	45	403859	49.208	ug/l	97
23) Vinyl Acetate	5.964	43	1084348	245.153	ug/l	99
24) 1,1-Dichloroethane	5.915	63	270753	47.593	ug/l	98
25) 2-Butanone	6.896	43	155261	231.447	ug/l	99
26) 2,2-Dichloropropane	6.884	77	248204	49.779	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	195154	49.203	ug/l	99
28) Bromochloromethane	7.250	49	102758	46.504	ug/l	99
29) Tetrahydrofuran	7.268	42	102658	235.621	ug/l	97
30) Chloroform	7.421	83	305921	48.480	ug/l	98
31) Cyclohexane	7.707	56	237251	48.768	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	280010	49.047	ug/l	100
36) 1,1-Dichloropropene	7.835	75	218339	53.478	ug/l	99
37) Ethyl Acetate	6.988	43	72067	49.148	ug/l	98
38) Carbon Tetrachloride	7.817	117	261956	53.694	ug/l	100
39) Methylcyclohexane	9.109	83	283638	55.204	ug/l	99
40) Benzene	8.079	78	667386	52.292	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	37352	46.598	ug/l #	87
42) 1,2-Dichloroethane	8.158	62	164261	51.984	ug/l	100
43) Isopropyl Acetate	8.201	43	139000	49.361	ug/l	98
44) Trichloroethene	8.866	130	184407	52.165	ug/l	98
45) 1,2-Dichloropropane	9.140	63	145856	51.678	ug/l	99
46) Dibromomethane	9.231	93	91368	51.714	ug/l	98
47) Bromodichloromethane	9.426	83	231176	52.377	ug/l	98
48) Methyl methacrylate	9.225	41	68272	52.445	ug/l	97
49) 1,4-Dioxane	9.237	88	18206	966.803	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	387936	262.799	ug/l	98
52) Toluene	10.170	92	444957	53.860	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	198098	52.326	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	235517	52.334	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	124262	52.653	ug/l	99
56) Ethyl methacrylate	10.438	69	145250	53.820	ug/l	97
57) 1,3-Dichloropropane	10.719	76	195881	51.773	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	361969	274.313	ug/l	100
59) 2-Hexanone	10.762	43	260807	267.863	ug/l	98
60) Dibromochloromethane	10.914	129	170611	52.216	ug/l	99
61) 1,2-Dibromoethane	11.018	107	114476	51.380	ug/l	99
64) Tetrachloroethene	10.652	164	202921	50.300	ug/l	96
65) Chlorobenzene	11.444	112	493674	51.623	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	175254	52.054	ug/l	99
67) Ethyl Benzene	11.524	91	843791	53.938	ug/l	99
68) m/p-Xylenes	11.633	106	686068	110.212	ug/l	100
69) o-Xylene	11.956	106	313069	54.566	ug/l	99
70) Styrene	11.969	104	527263	54.733	ug/l	100
71) Bromoform	12.133	173	100274	51.228	ug/l #	98
73) Isopropylbenzene	12.255	105	832131	53.174	ug/l	100
74) N-amyl acetate	12.072	43	131481	48.902	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	129743	49.175	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	167540	83.506	ug/l #	100
77) Bromobenzene	12.536	156	200432	50.687	ug/l	99
78) n-propylbenzene	12.597	91	998168	53.560	ug/l	100
79) 2-Chlorotoluene	12.682	91	557695	51.456	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	683588	53.016	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	39524	47.440	ug/l	98
82) 4-Chlorotoluene	12.780	91	580145	51.492	ug/l	99
83) tert-Butylbenzene	12.999	119	603505	52.188	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	686558	53.234	ug/l	100
85) sec-Butylbenzene	13.176	105	907786	53.646	ug/l	100
86) p-Isopropyltoluene	13.292	119	776369	54.030	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	407732	50.767	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	399676	50.247	ug/l	99
89) n-Butylbenzene	13.621	91	684204	53.272	ug/l	100
90) Hexachloroethane	13.883	117	155655	49.304	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	355814	50.795	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	19581	46.648	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	201463	50.753	ug/l	99
94) Hexachlorobutadiene	15.023	225	125002	51.182	ug/l	97
95) Naphthalene	15.145	128	334069	50.662	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	174397	50.897	ug/l	98

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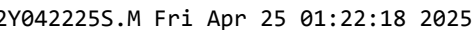
Instrument :
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ClientSampleId :
VSTDCCC050

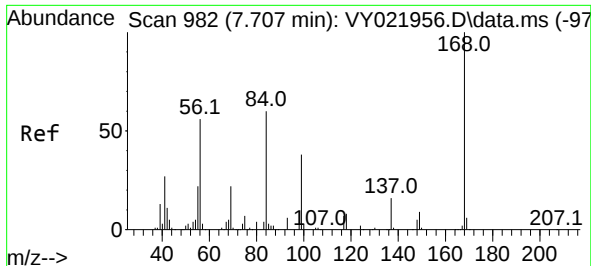
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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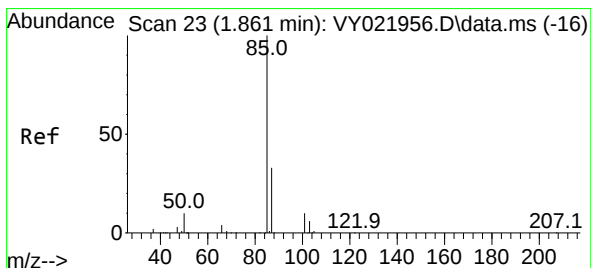
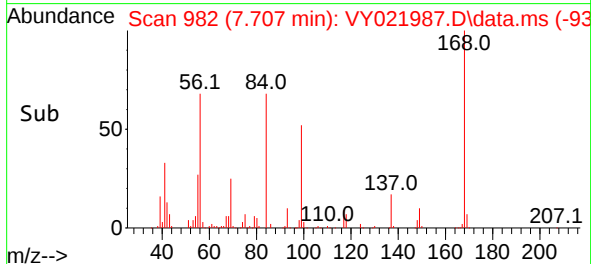
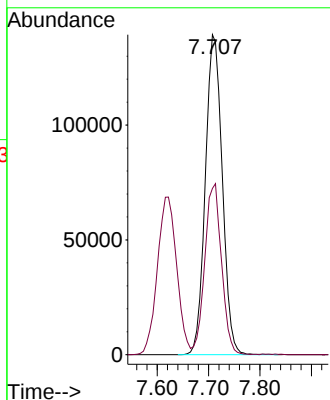
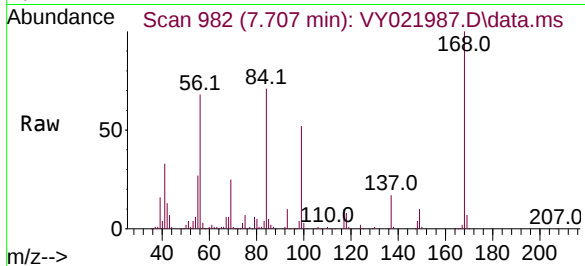




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021987.D
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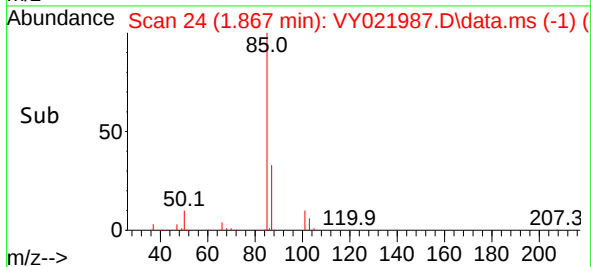
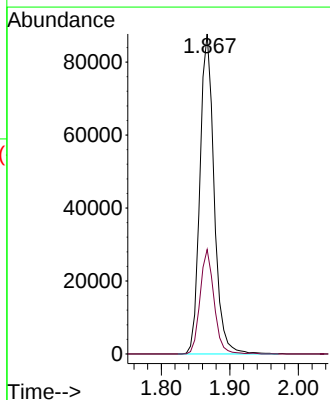
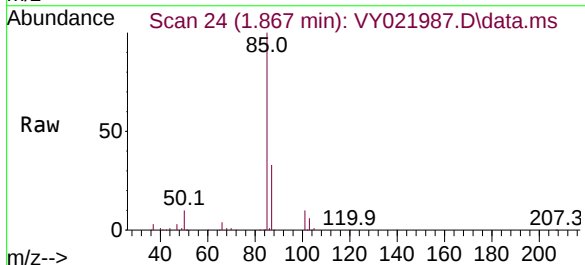
Instrument :
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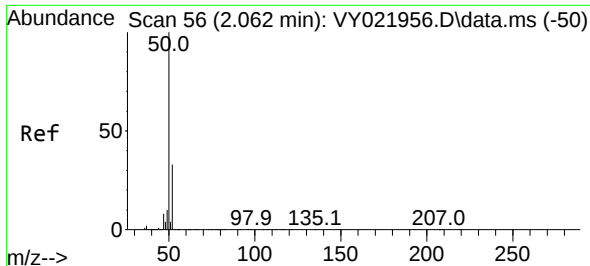
Tgt Ion:168 Resp: 318609
Ion Ratio Lower Upper
168 100
99 51.9 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 46.723 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 85 Resp: 126846
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.7

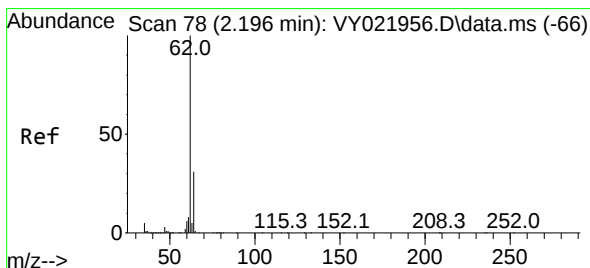
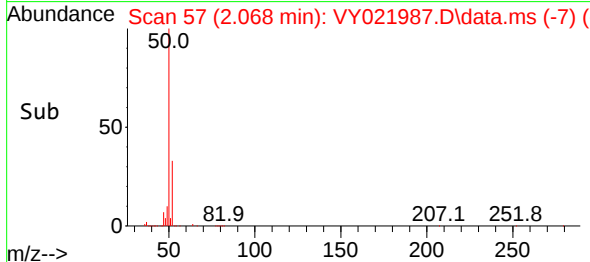
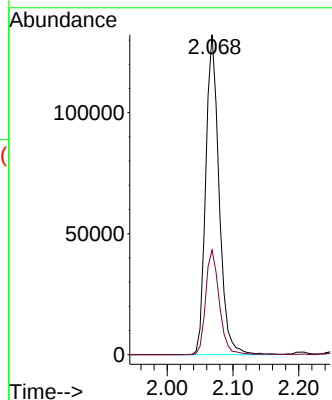
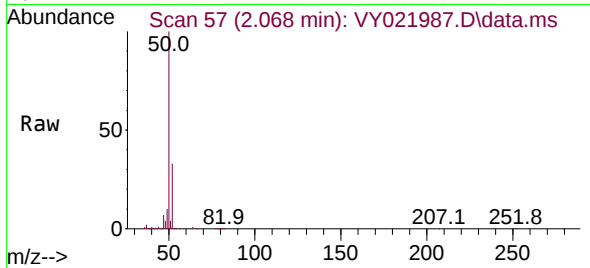




#3
Chloromethane
Concen: 48.439 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

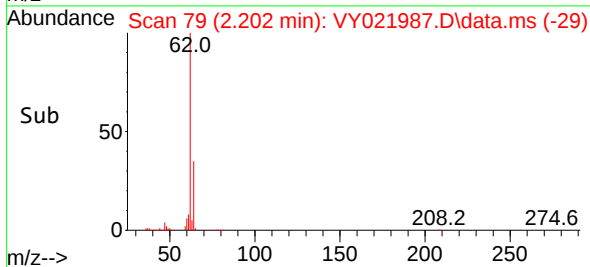
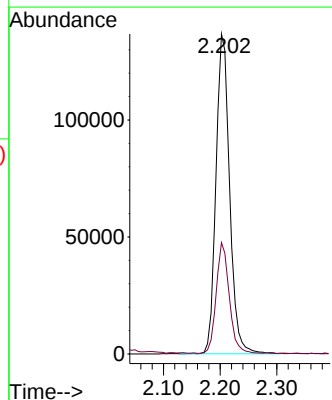
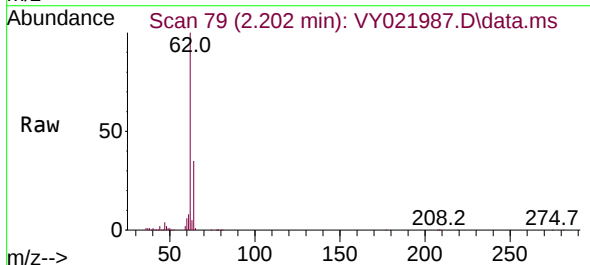
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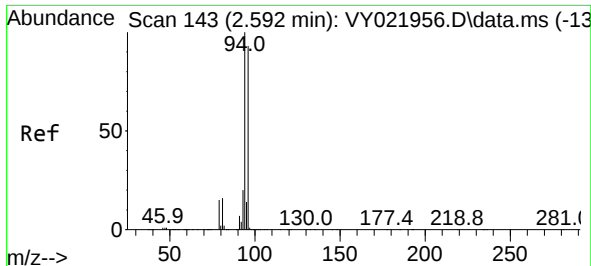
Tgt Ion: 50 Resp: 187248
Ion Ratio Lower Upper
50 100
52 32.7 26.1 39.1



#4
Vinyl Chloride
Concen: 48.189 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 62 Resp: 228917
Ion Ratio Lower Upper
62 100
64 34.6 25.1 37.7

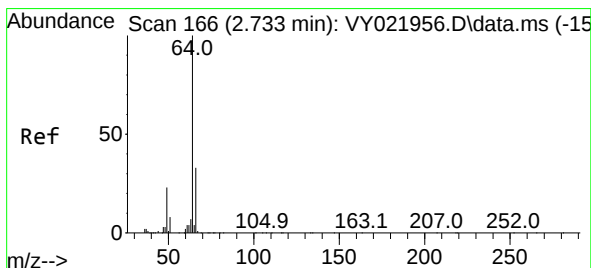
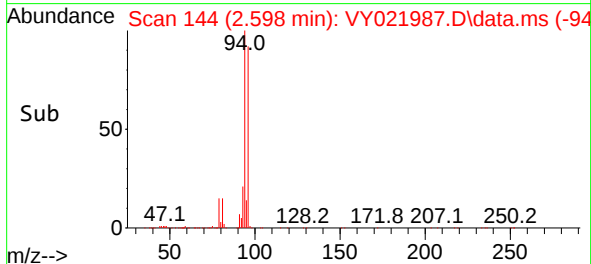
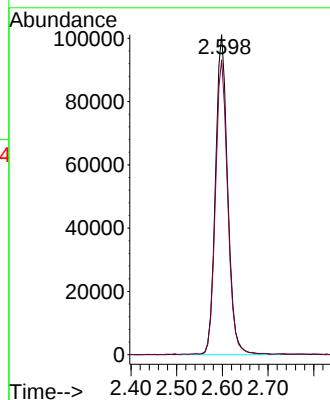
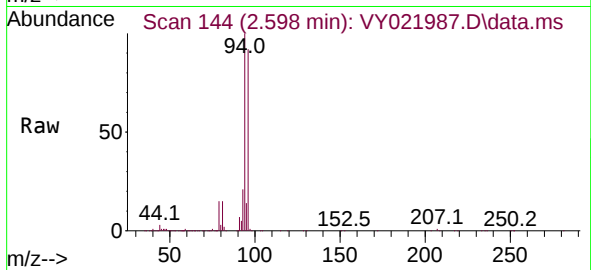




#5
Bromomethane
Concen: 45.834 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

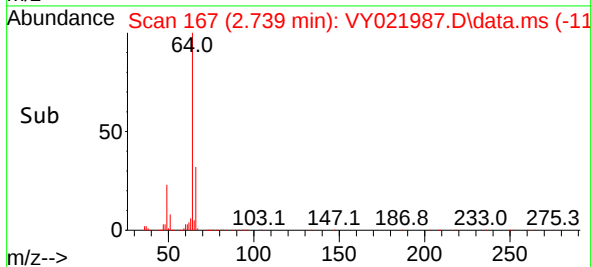
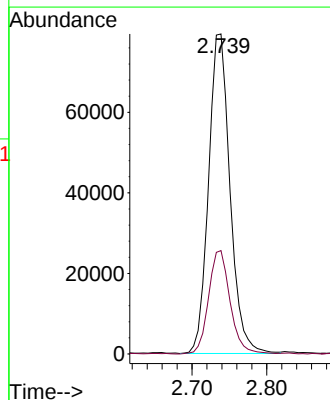
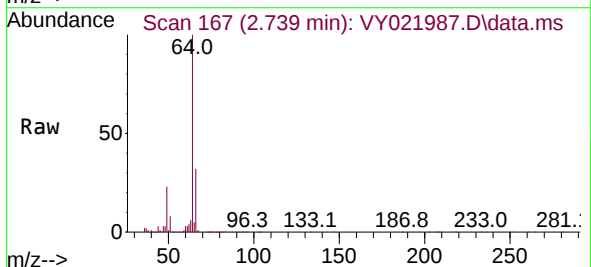
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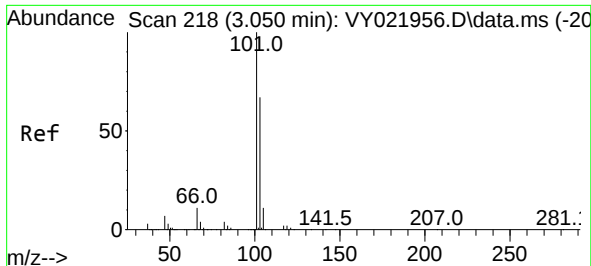
Tgt Ion: 94 Resp: 187581
Ion Ratio Lower Upper
94 100
96 92.1 74.6 111.8



#6
Chloroethane
Concen: 48.928 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 64 Resp: 158292
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

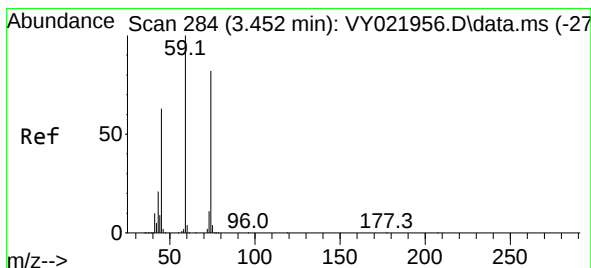
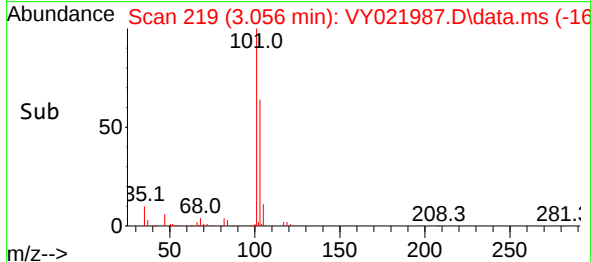
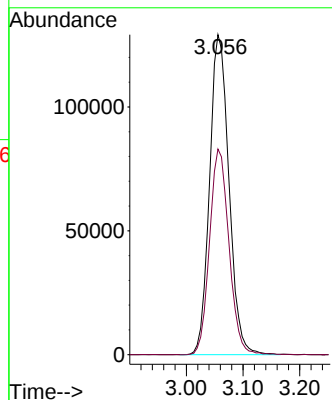
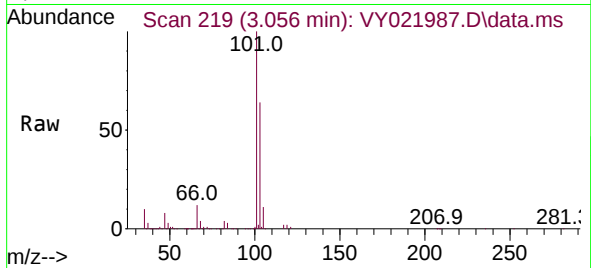




#7
 Trichlorofluoromethane
 Concen: 48.910 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY021987.D
 Acq: 24 Apr 2025 08:31

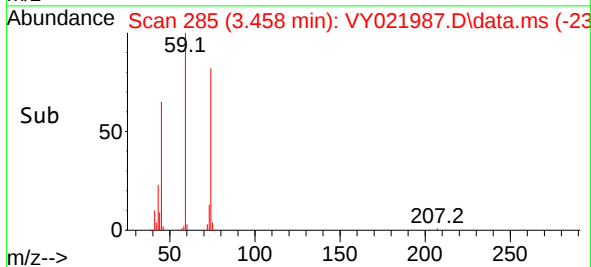
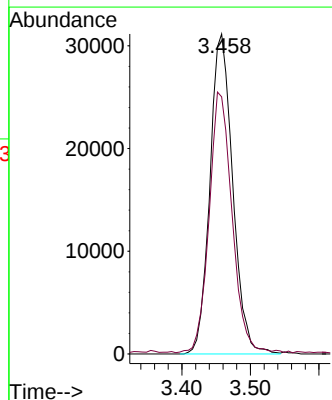
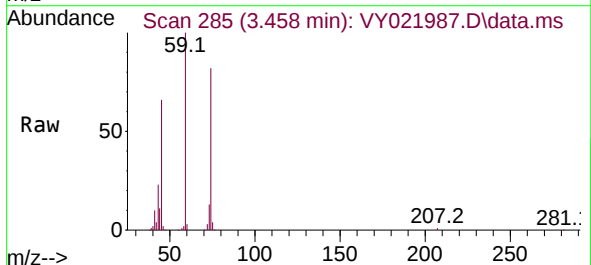
Instrument :
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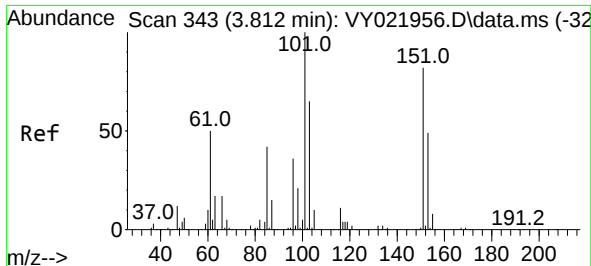
Tgt Ion:101 Resp: 306376
 Ion Ratio Lower Upper
 101 100
 103 64.3 53.6 80.4



#8
 Diethyl Ether
 Concen: 44.093 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021987.D
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Tgt Ion: 74 Resp: 71889
 Ion Ratio Lower Upper
 74 100
 45 82.2 39.1 117.5

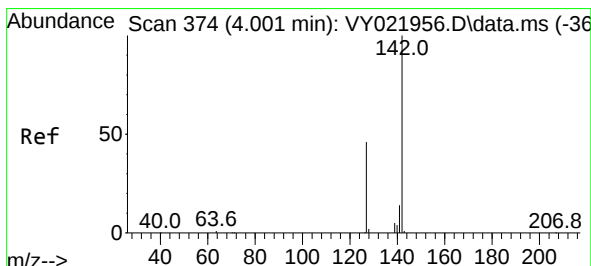
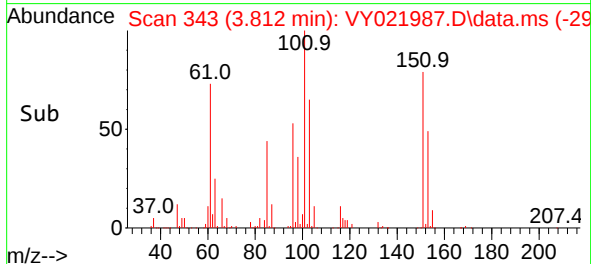
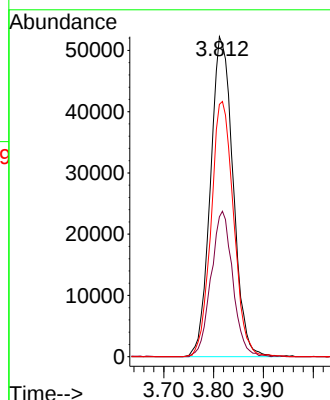
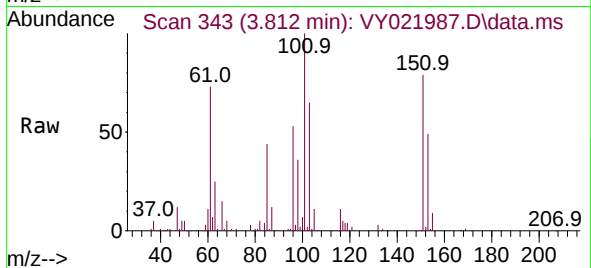




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.521 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

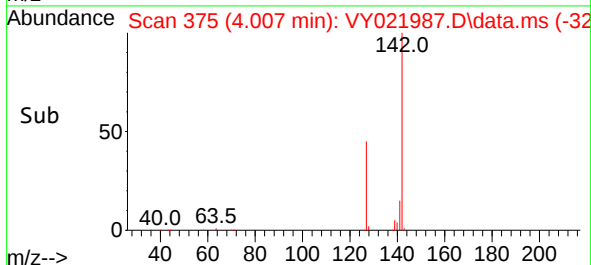
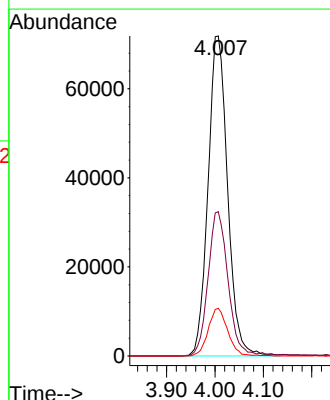
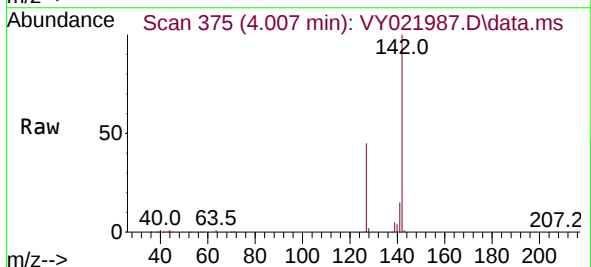
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

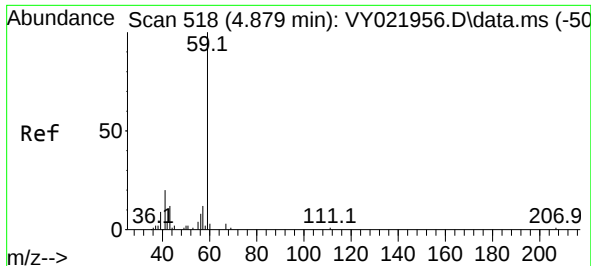
Tgt Ion:101 Resp: 164876
Ion Ratio Lower Upper
101 100
85 43.5 34.6 51.8
151 79.4 63.7 95.5



#10
Methyl Iodide
Concen: 51.329 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion:142 Resp: 201943
Ion Ratio Lower Upper
142 100
127 45.8 36.2 54.2
141 14.9 11.7 17.5





#11

Tert butyl alcohol

Concen: 207.644 ug/l

RT: 4.885 min Scan# 518

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

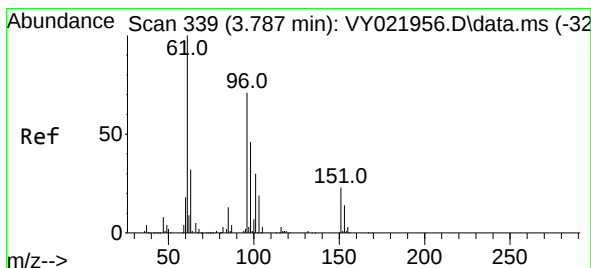
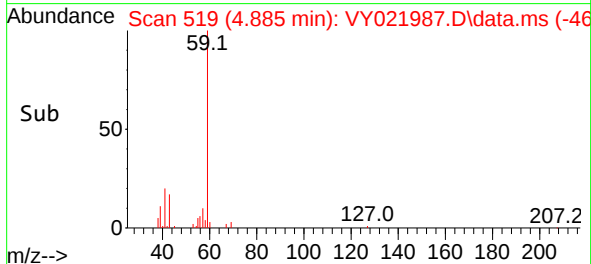
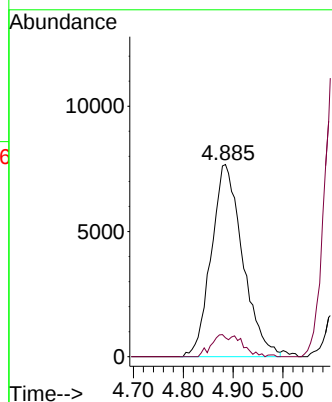
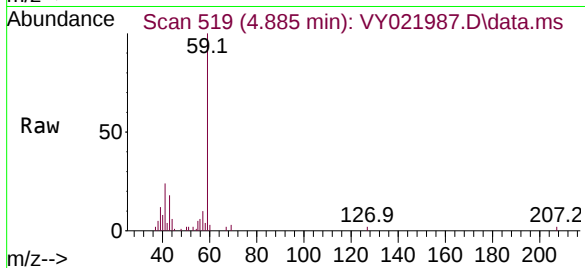
VSTDCCC050

Tgt Ion: 59 Resp: 33548

Ion Ratio Lower Upper

59 100

57 6.1 9.3 13.9#



#12

1,1-Dichloroethene

Concen: 48.246 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

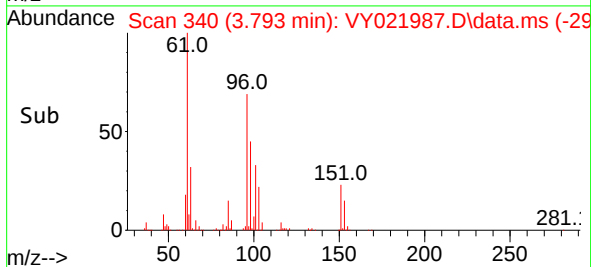
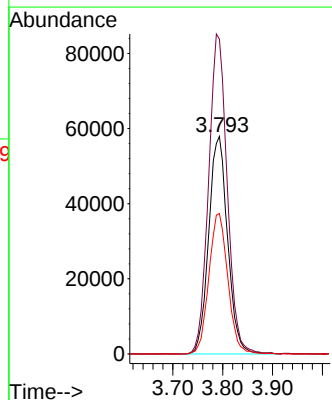
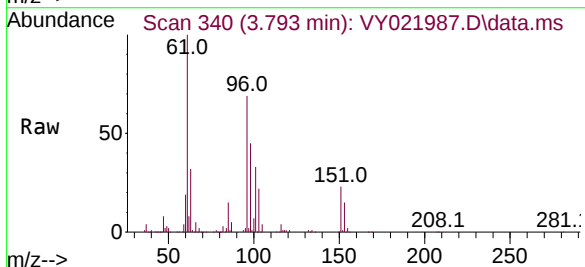
Tgt Ion: 96 Resp: 152810

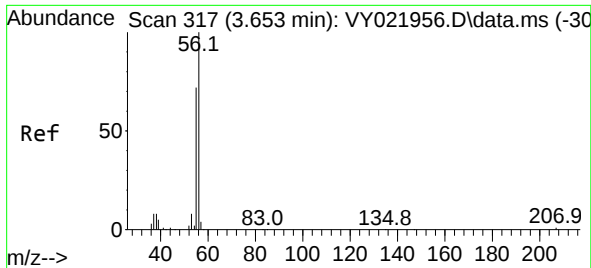
Ion Ratio Lower Upper

96 100

61 144.7 113.0 169.4

98 64.5 51.4 77.2





#13

Acrolein

Concen: 181.224 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

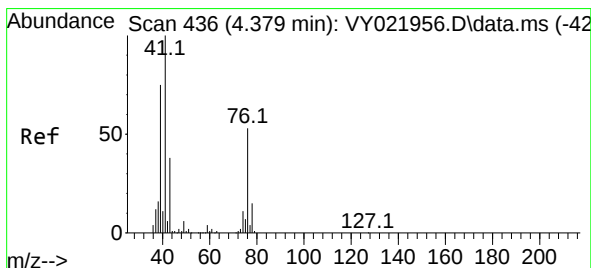
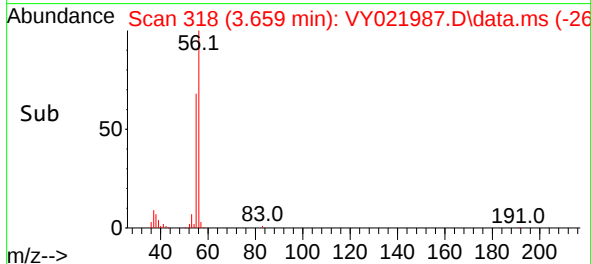
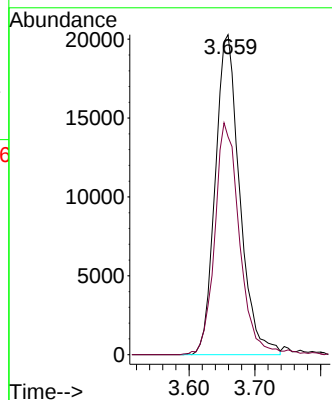
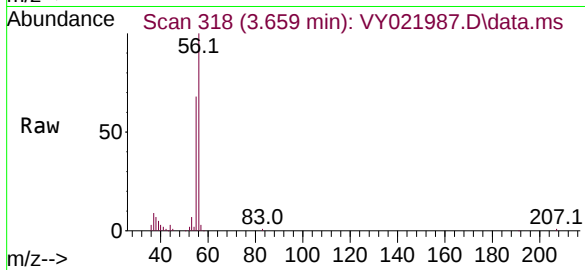
VSTDCCC050

Tgt Ion: 56 Resp: 52551

Ion Ratio Lower Upper

56 100

55 72.8 57.4 86.0



#14

Allyl chloride

Concen: 47.668 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

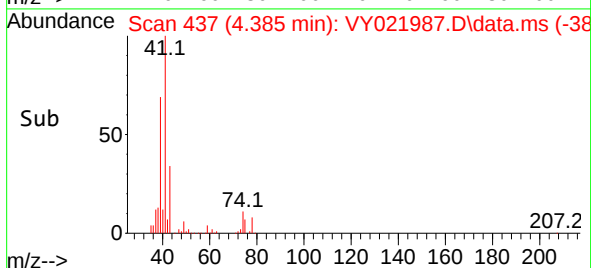
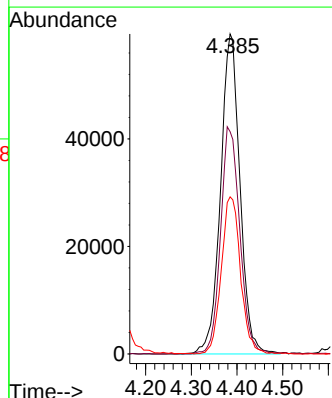
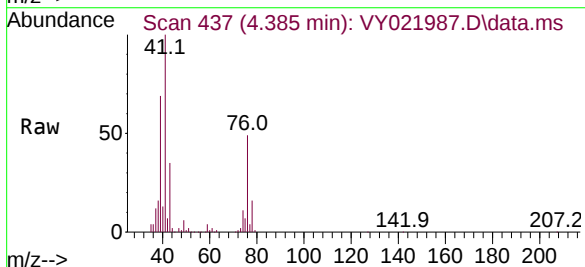
Tgt Ion: 41 Resp: 175799

Ion Ratio Lower Upper

41 100

39 70.4 57.2 85.8

76 48.5 39.7 59.5

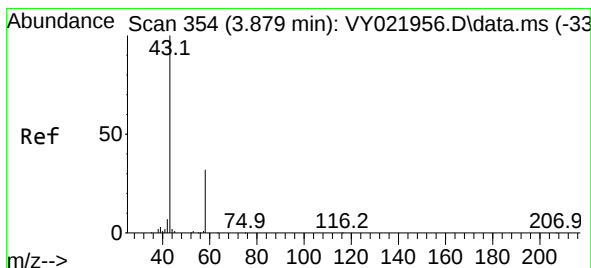
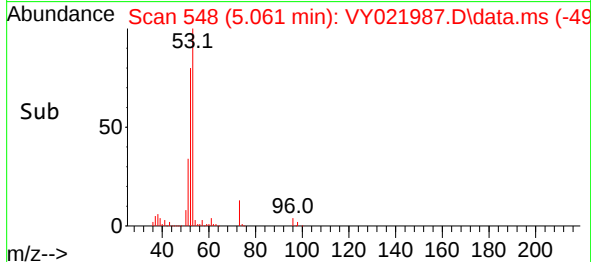
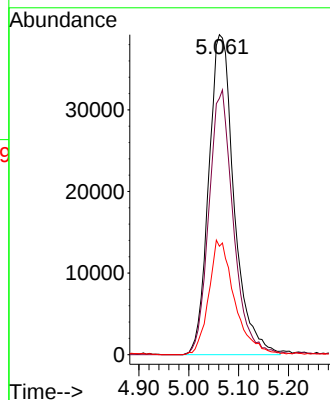
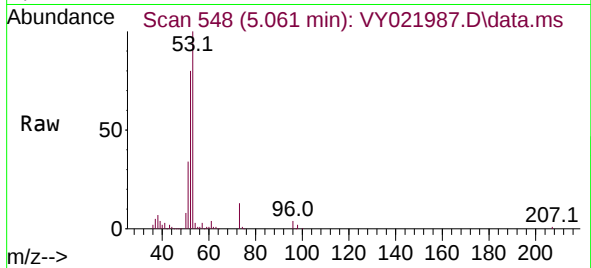




#15
Acrylonitrile
Concen: 232.359 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

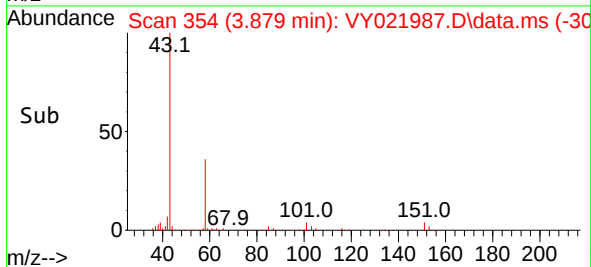
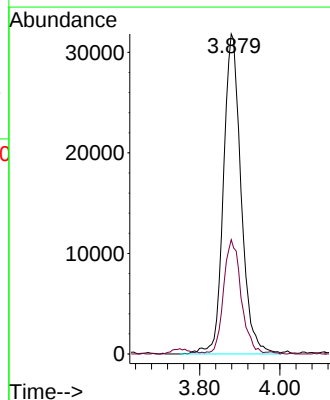
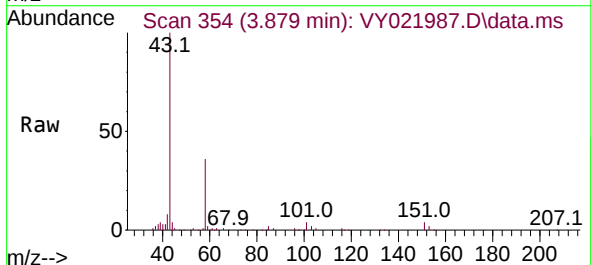
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

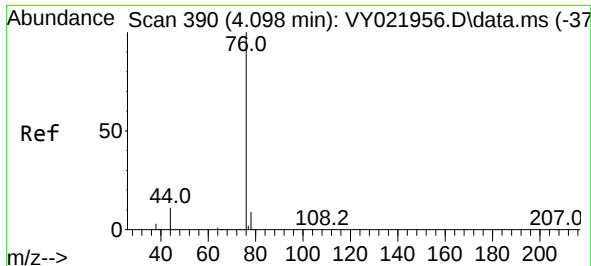
Tgt Ion: 53 Resp: 138689
Ion Ratio Lower Upper
53 100
52 79.6 65.0 97.6
51 36.5 28.9 43.3



#16
Acetone
Concen: 252.842 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 43 Resp: 97303
Ion Ratio Lower Upper
43 100
58 35.7 27.0 40.4

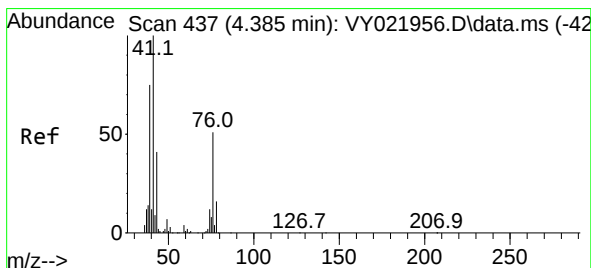
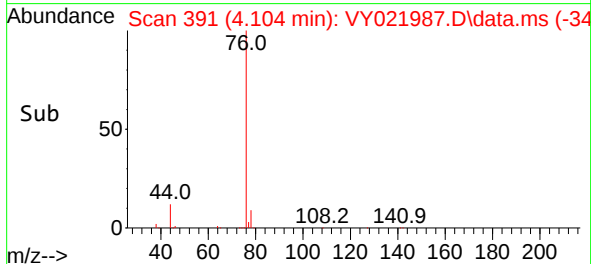
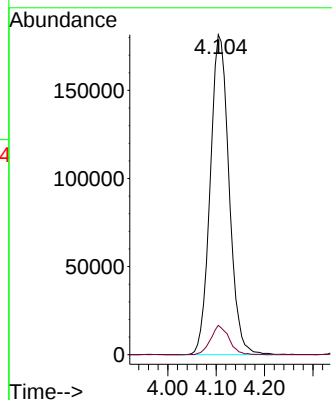
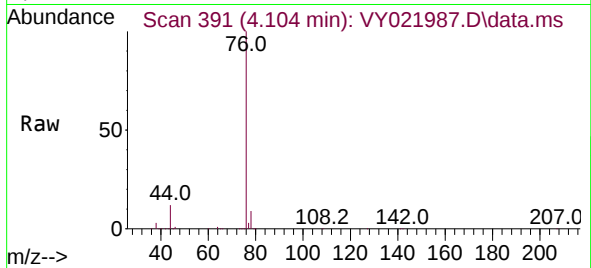




#17
Carbon Disulfide
Concen: 48.702 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

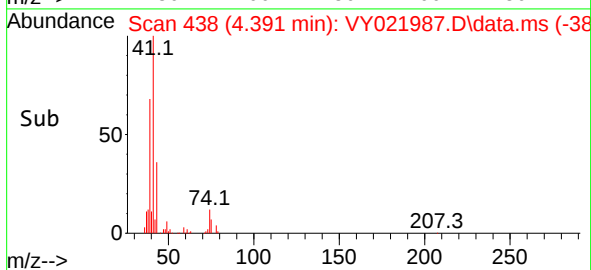
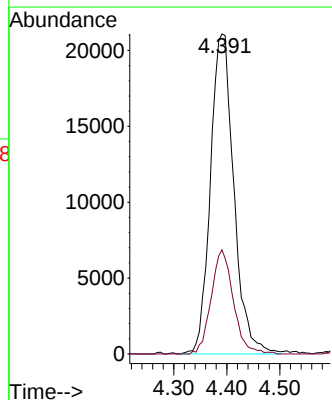
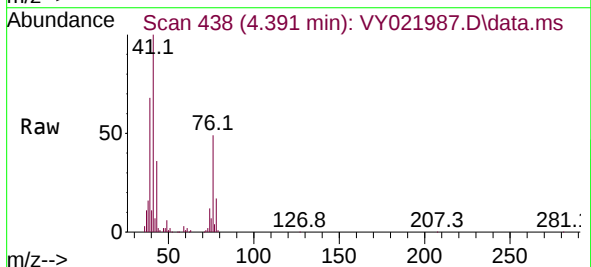
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 491843
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 47.103 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 43 Resp: 64753
Ion Ratio Lower Upper
43 100
74 30.8 24.2 36.4

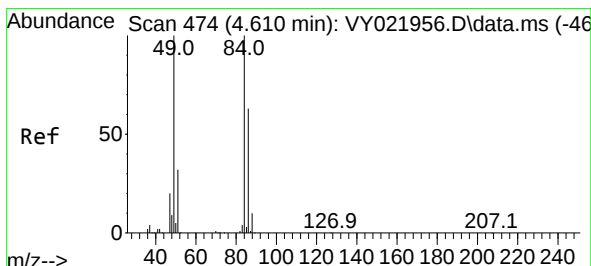
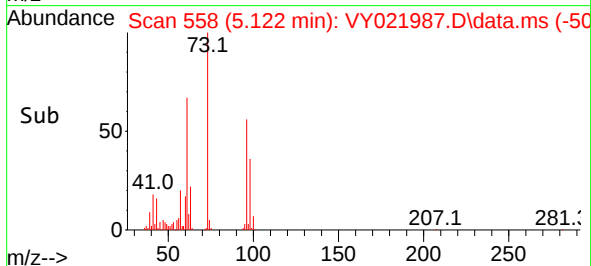
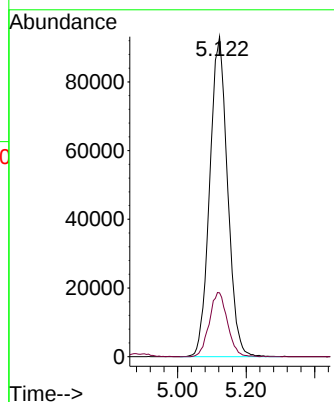
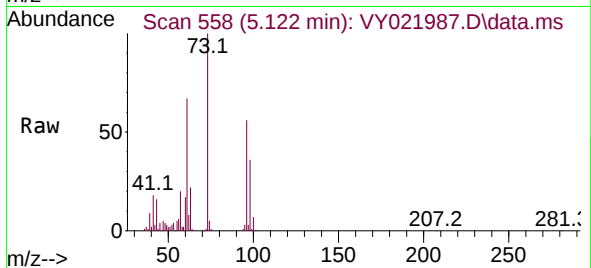




#19
Methyl tert-butyl Ether
Concen: 47.437 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

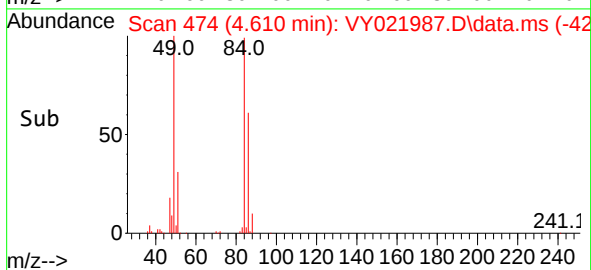
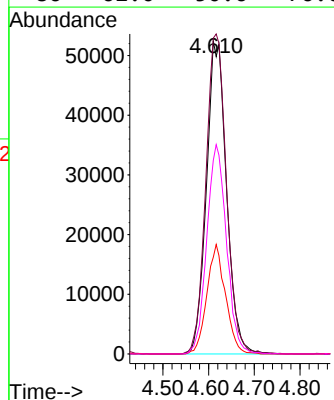
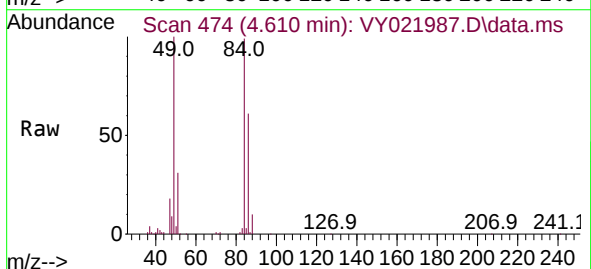
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 336288
Ion Ratio Lower Upper
73 100
57 19.9 16.9 25.3



#20
Methylene Chloride
Concen: 43.072 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 84 Resp: 160282
Ion Ratio Lower Upper
84 100
49 101.0 79.9 119.9
51 30.9 25.4 38.0
86 62.0 50.6 76.0

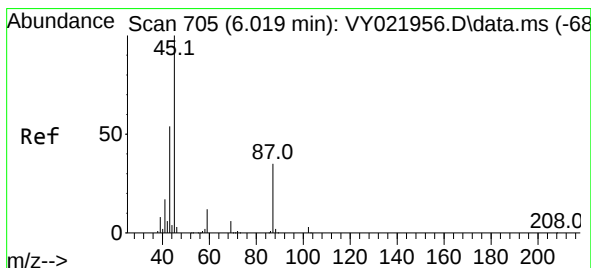
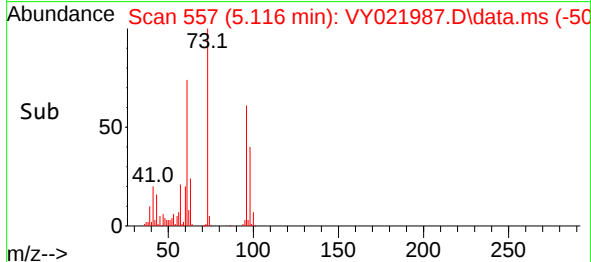
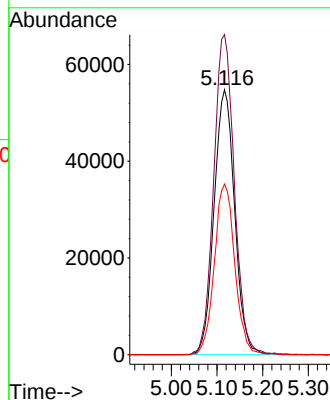
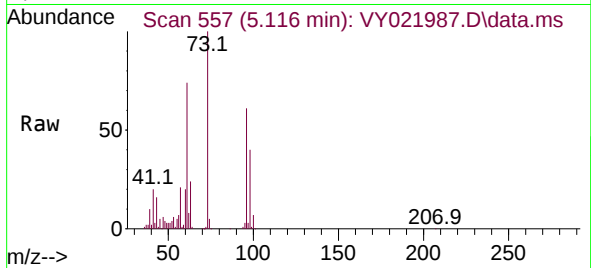




#21
trans-1,2-Dichloroethene
Concen: 48.383 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

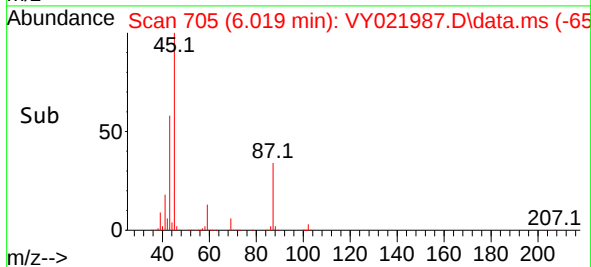
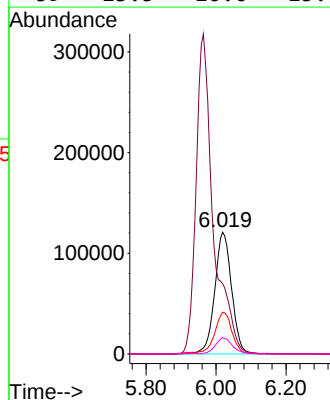
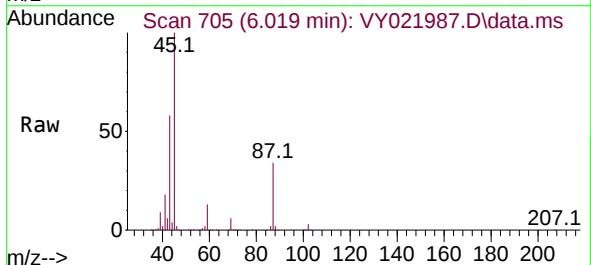
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

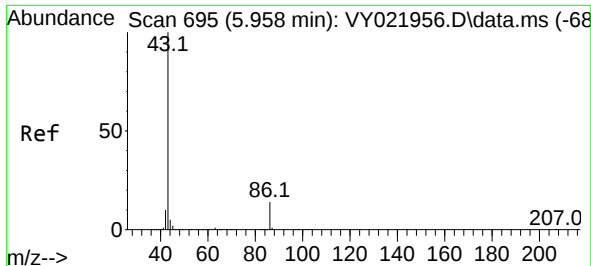
Tgt Ion: 96 Resp: 171622
Ion Ratio Lower Upper
96 100
61 120.8 92.6 138.8
98 64.3 50.2 75.4



#22
Diisopropyl ether
Concen: 49.208 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 45 Resp: 403859
Ion Ratio Lower Upper
45 100
43 57.6 43.6 65.4
87 34.3 28.2 42.4
59 13.5 10.0 15.0

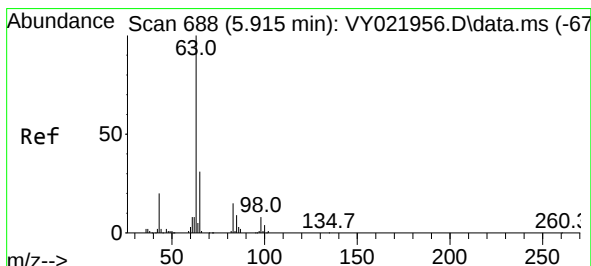
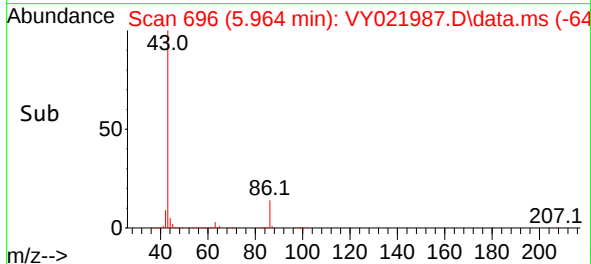
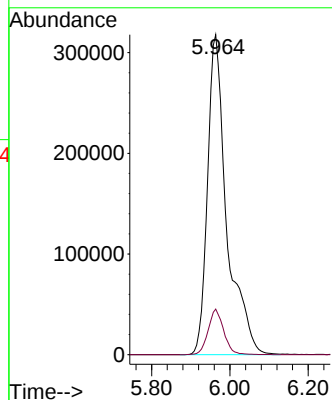
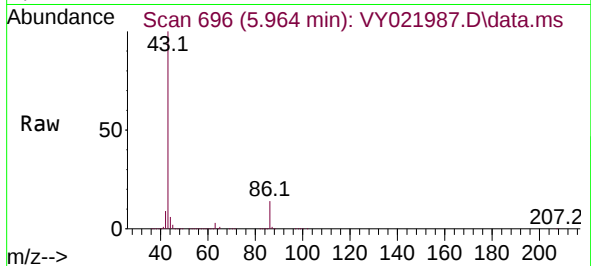




#23
 Vinyl Acetate
 Concen: 245.153 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021987.D
 Acq: 24 Apr 2025 08:31

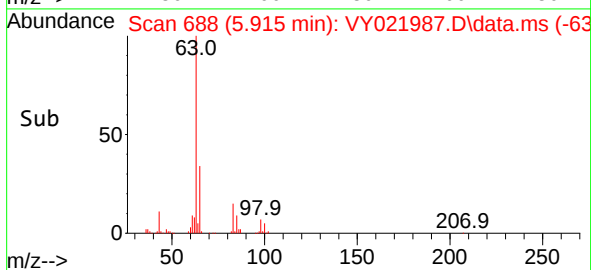
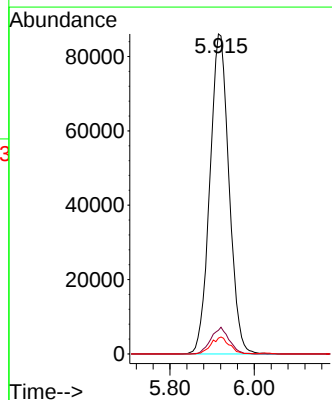
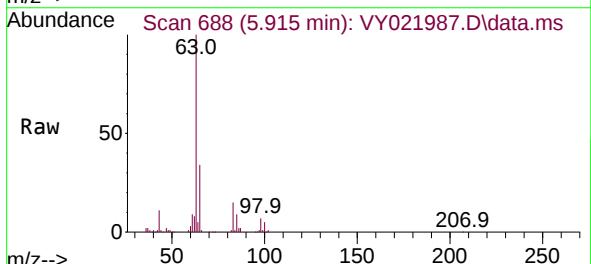
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

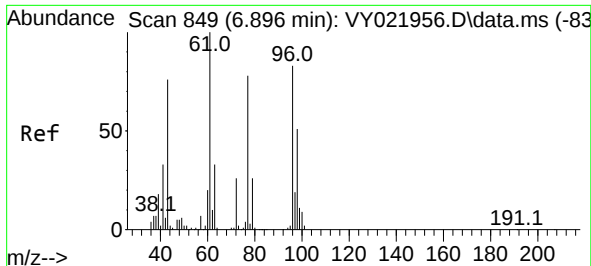
Tgt Ion: 43 Resp: 1084348
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 47.593 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021987.D
 Acq: 24 Apr 2025 08:31

Tgt Ion: 63 Resp: 270753
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 11.9
 100 5.0 2.0 6.0

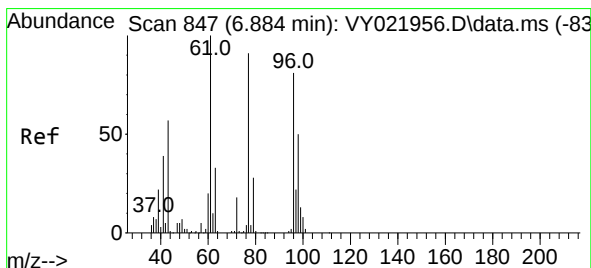
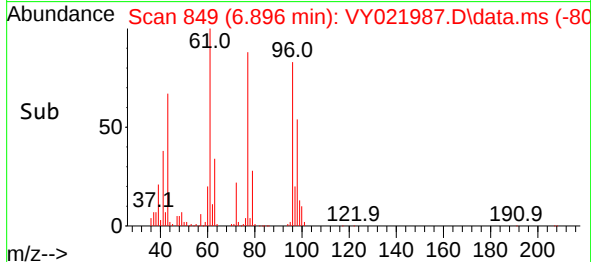
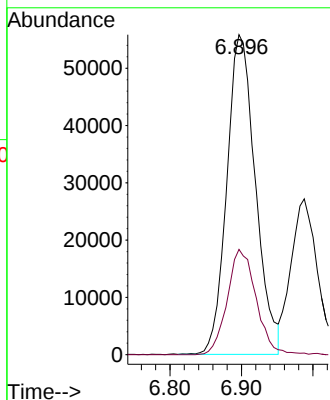
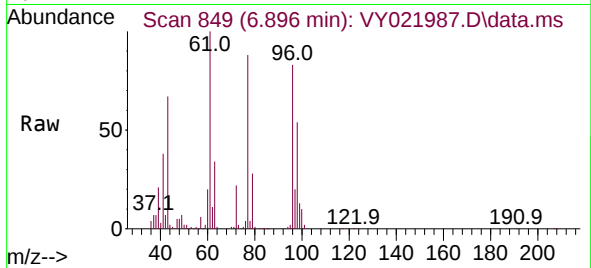




#25
2-Butanone
Concen: 231.447 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

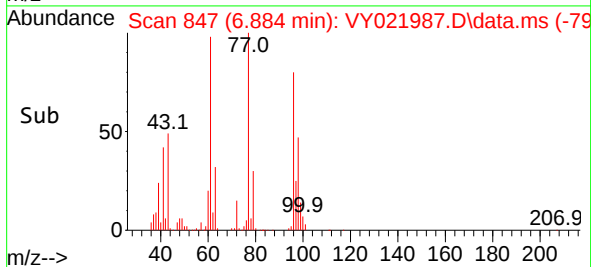
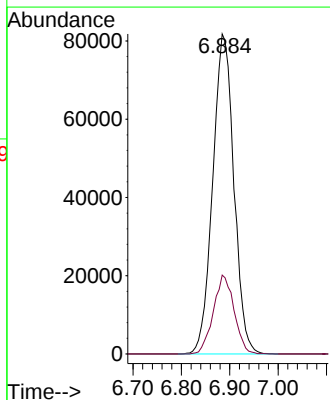
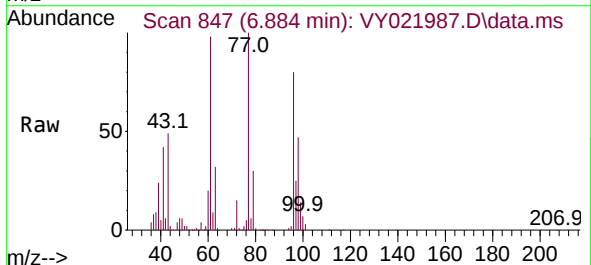
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

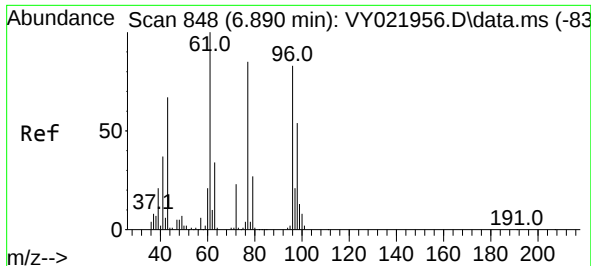
Tgt Ion: 43 Resp: 155261
Ion Ratio Lower Upper
43 100
72 32.9 27.0 40.4



#26
2,2-Dichloropropane
Concen: 49.779 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 77 Resp: 248204
Ion Ratio Lower Upper
77 100
97 24.2 12.4 37.4



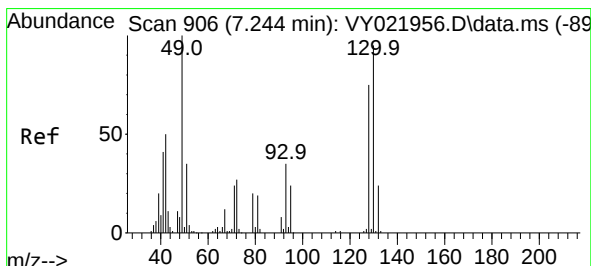
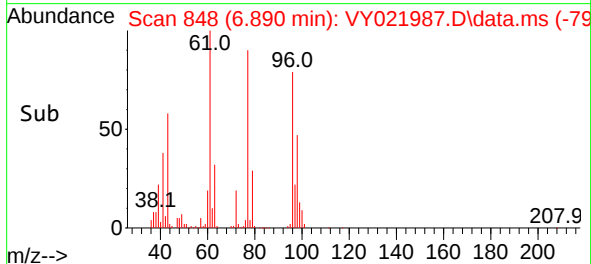
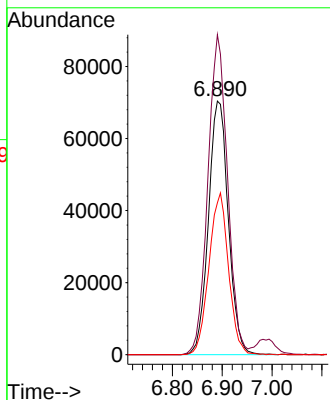
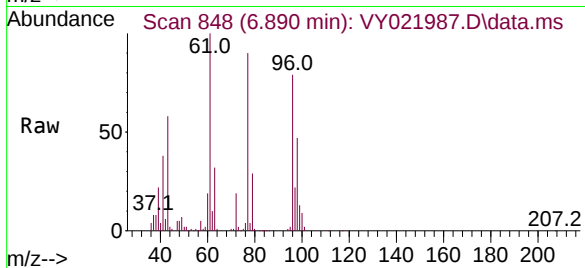


#27
 cis-1,2-Dichloroethene
 Concen: 49.203 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY021987.D
 Acq: 24 Apr 2025 08:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 195154

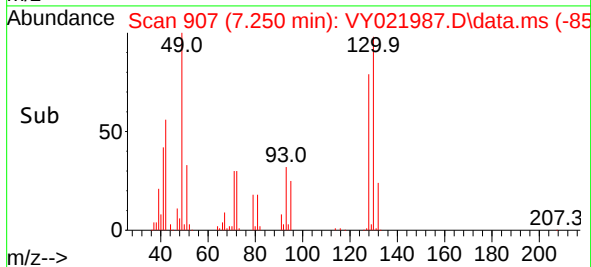
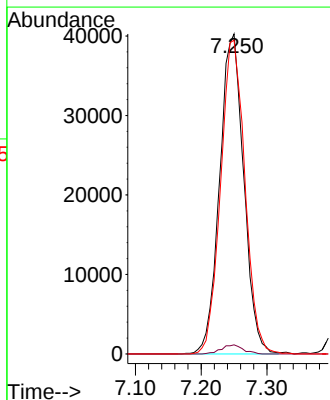
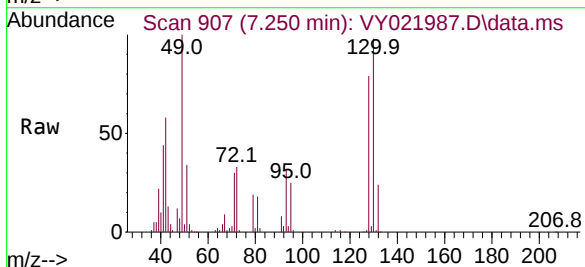
Ion	Ratio	Lower	Upper
96	100		
61	124.5	0.0	251.4
98	62.8	0.0	128.4

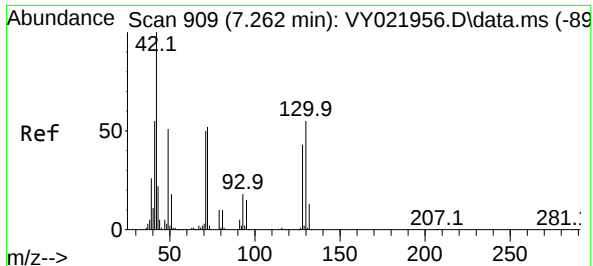


#28
 Bromochloromethane
 Concen: 46.504 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY021987.D
 Acq: 24 Apr 2025 08:31

Tgt Ion: 49 Resp: 102758

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	98.8	78.2	117.4





#29

Tetrahydrofuran

Concen: 235.621 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

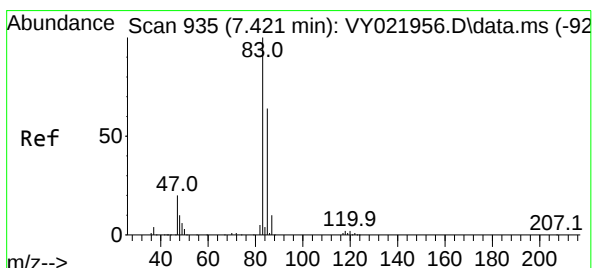
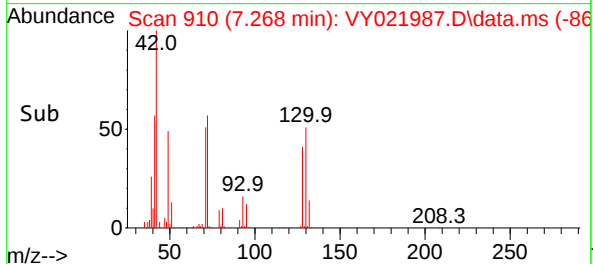
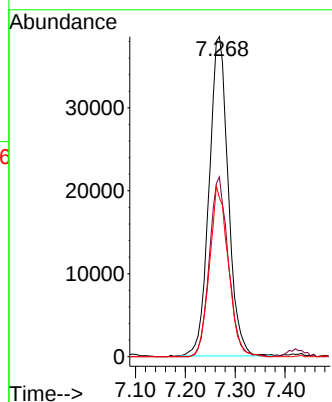
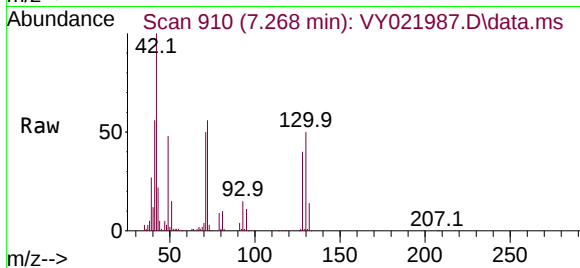
Tgt Ion: 42 Resp: 102658

Ion Ratio Lower Upper

42 100

72 55.8 42.6 63.8

71 52.5 40.6 61.0



#30

Chloroform

Concen: 48.480 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY021987.D

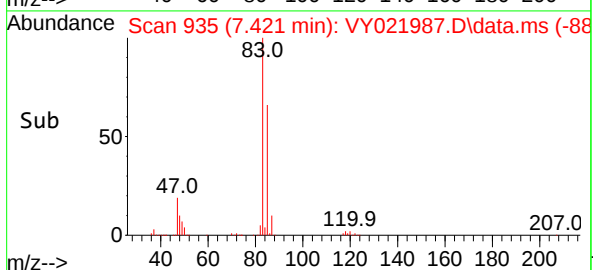
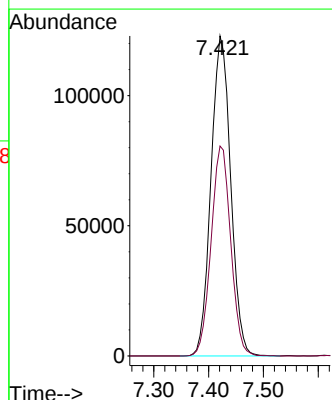
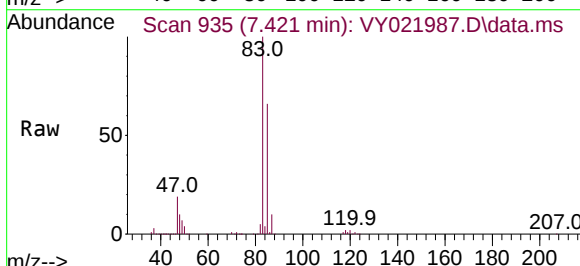
Acq: 24 Apr 2025 08:31

Tgt Ion: 83 Resp: 305921

Ion Ratio Lower Upper

83 100

85 65.6 51.3 76.9

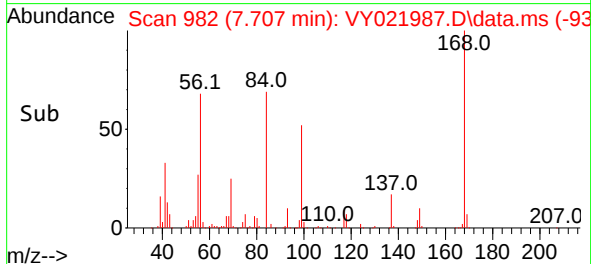
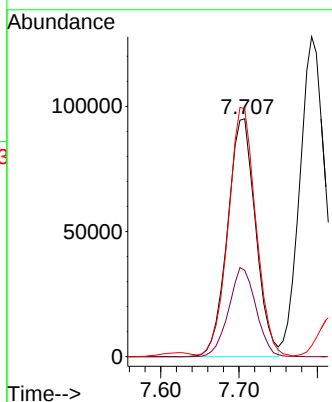
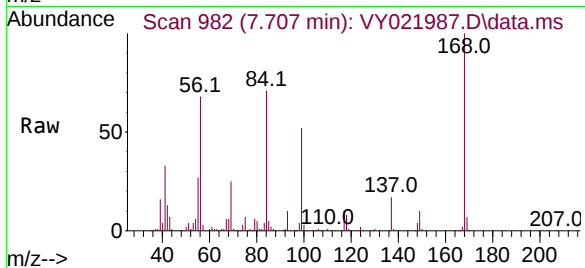




#31
Cyclohexane
Concen: 48.768 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

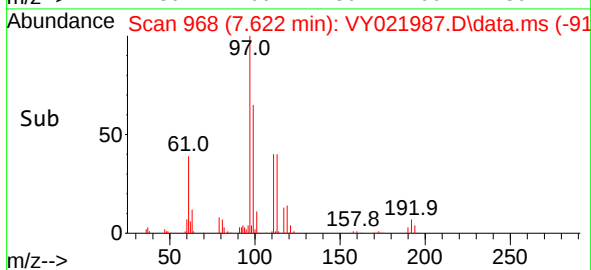
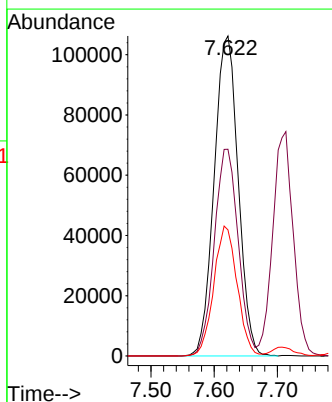
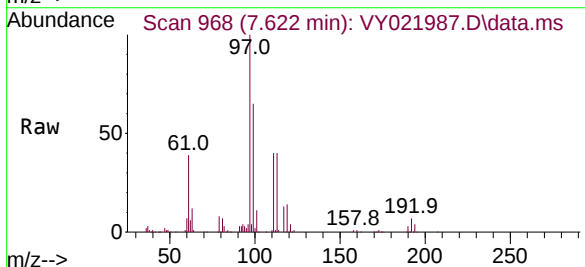
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

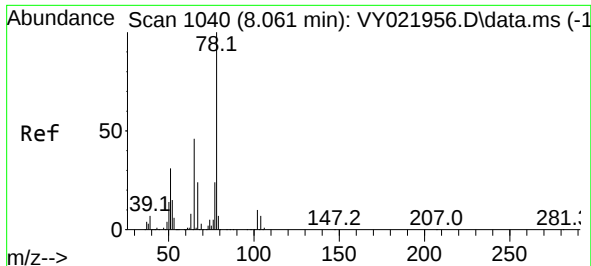
Tgt Ion: 56 Resp: 237251
Ion Ratio Lower Upper
56 100
69 36.3 29.4 44.2
84 102.6 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 49.047 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 97 Resp: 280010
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 39.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 45.036 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

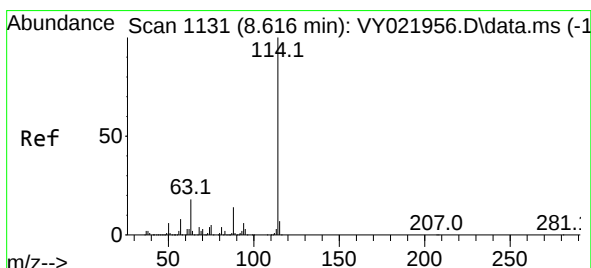
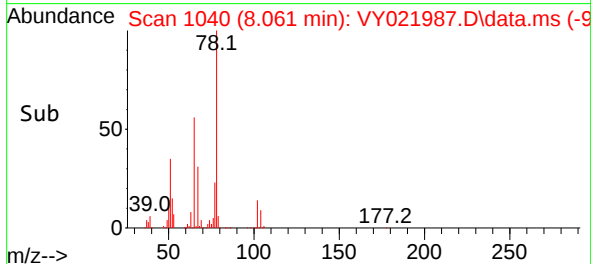
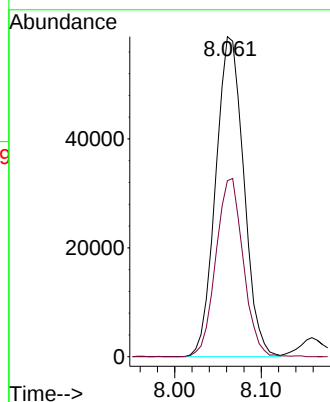
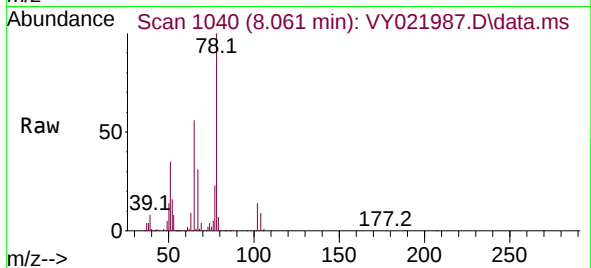
VSTDCCC050

Tgt Ion: 65 Resp: 132538

Ion Ratio Lower Upper

65 100

67 54.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

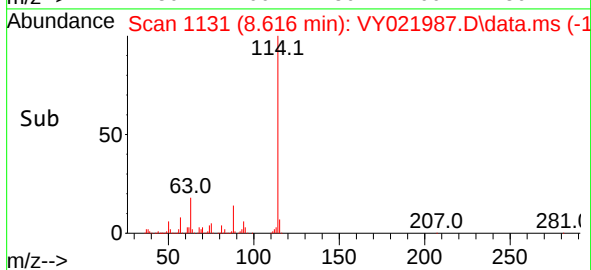
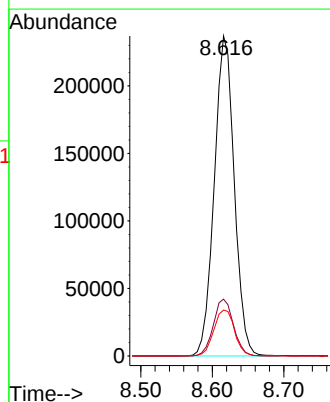
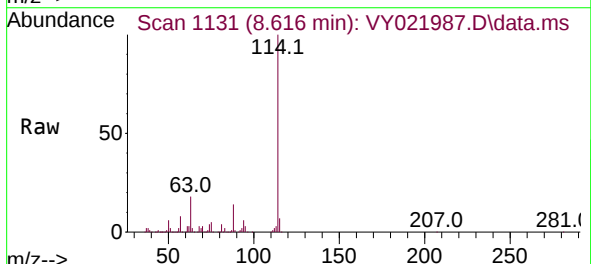
Tgt Ion:114 Resp: 460067

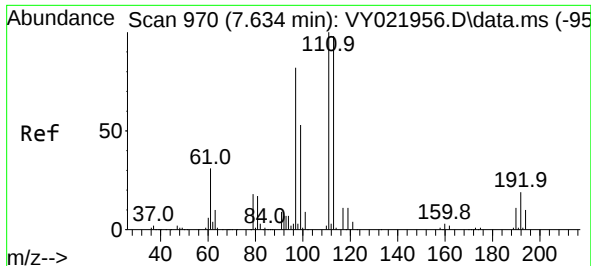
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.4

88 14.4 0.0 28.2

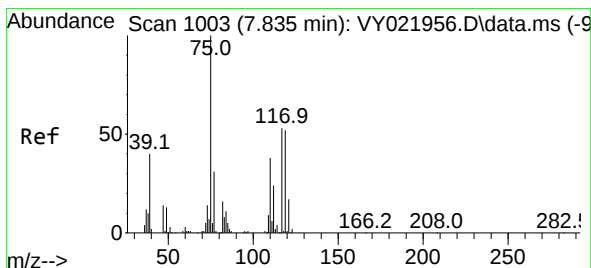
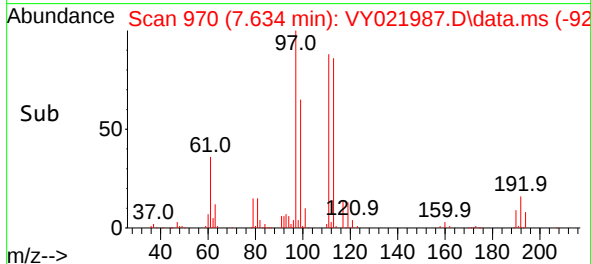
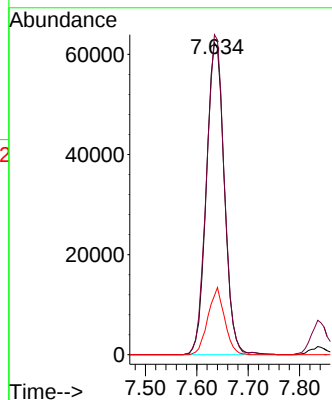
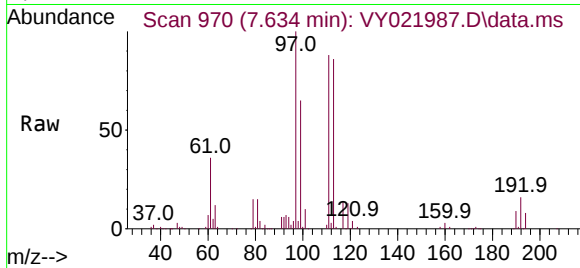




#35
Dibromofluoromethane
Concen: 49.714 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

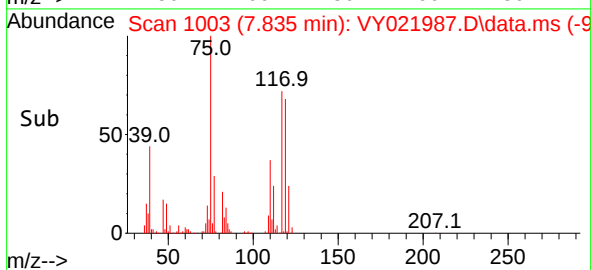
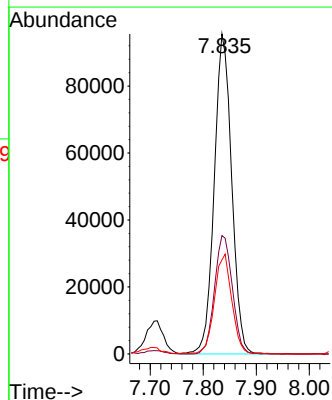
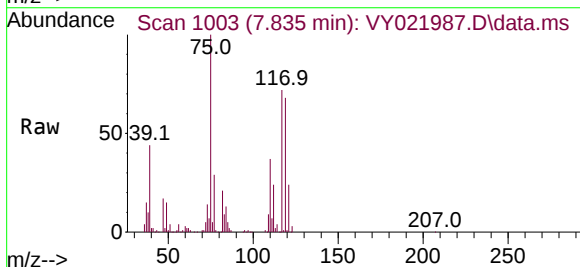
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

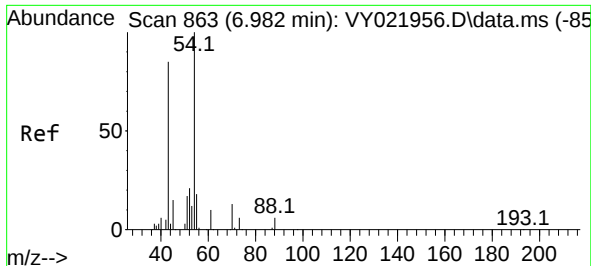
Tgt Ion:113 Resp: 151102
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 20.0 15.6 23.4



#36
1,1-Dichloropropene
Concen: 53.478 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 75 Resp: 218339
Ion Ratio Lower Upper
75 100
110 37.8 19.1 57.3
77 30.8 25.5 38.3





#37

Ethyl Acetate

Concen: 49.148 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

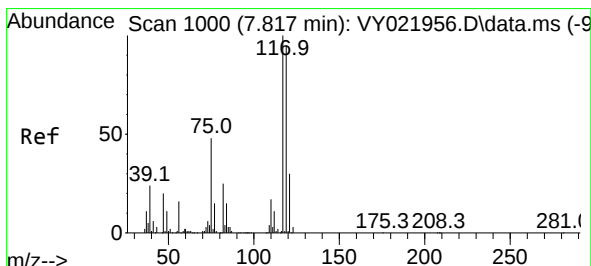
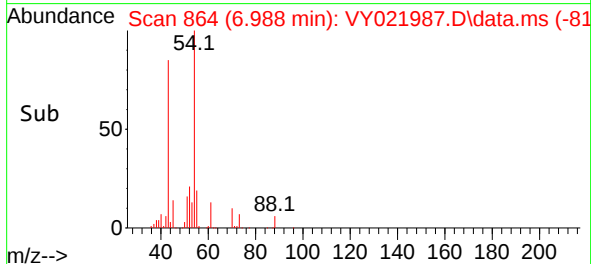
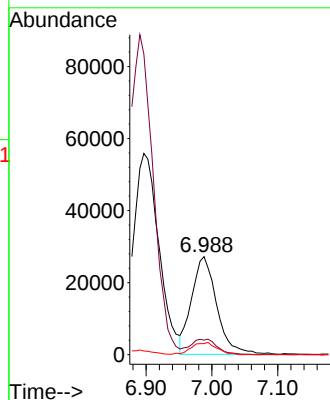
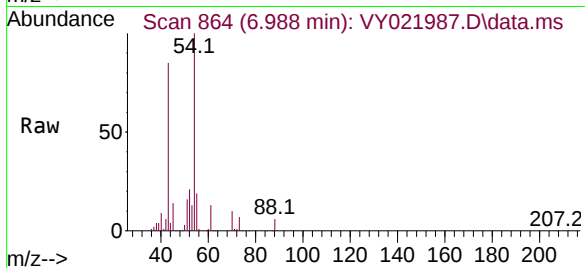
Tgt Ion: 43 Resp: 72067

Ion Ratio Lower Upper

43 100

61 16.4 13.8 20.6

70 12.7 9.2 13.8



#38

Carbon Tetrachloride

Concen: 53.694 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

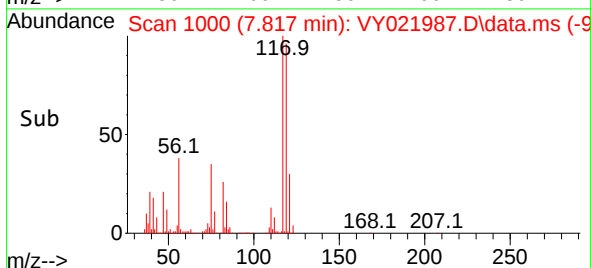
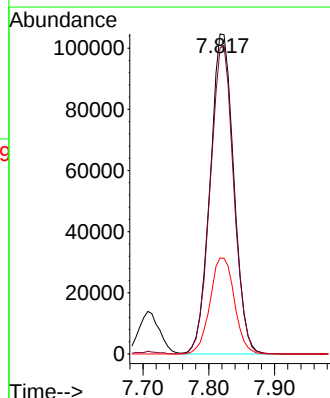
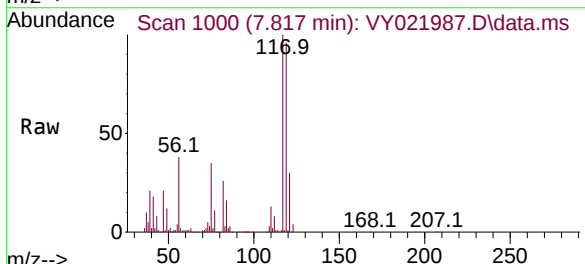
Tgt Ion: 117 Resp: 261956

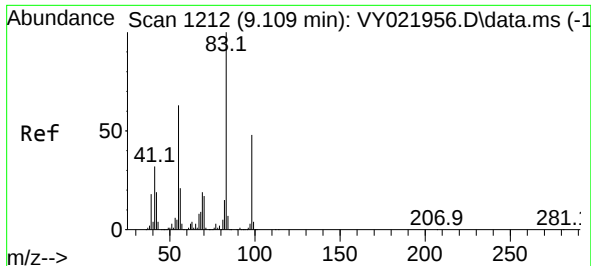
Ion Ratio Lower Upper

117 100

119 95.6 76.2 114.4

121 30.0 24.0 36.0





#39

Methylcyclohexane

Concen: 55.204 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

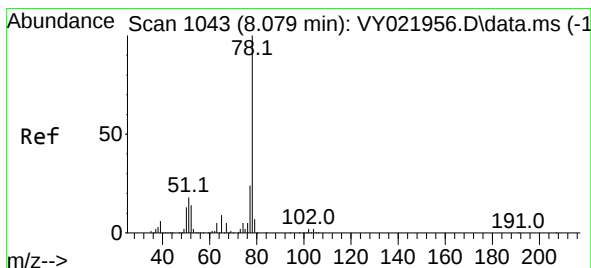
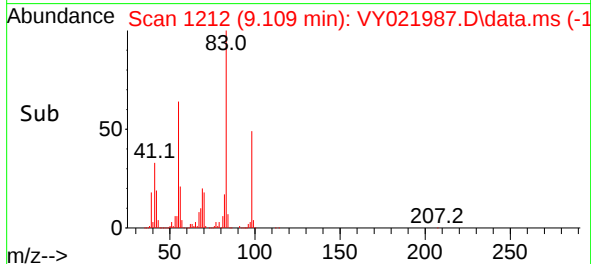
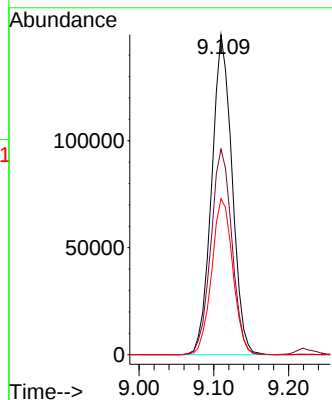
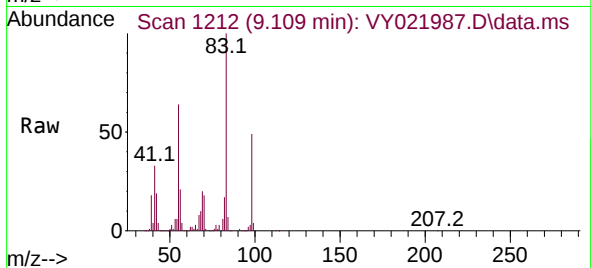
Tgt Ion: 83 Resp: 283638

Ion Ratio Lower Upper

83 100

55 64.2 50.6 75.8

98 48.7 38.6 58.0



#40

Benzene

Concen: 52.292 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY021987.D

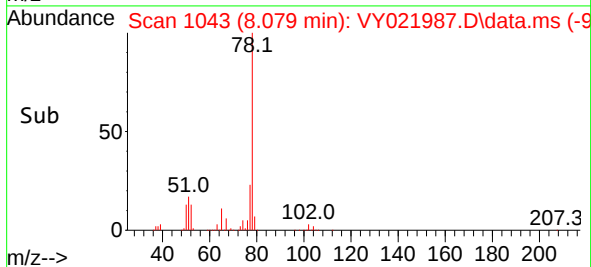
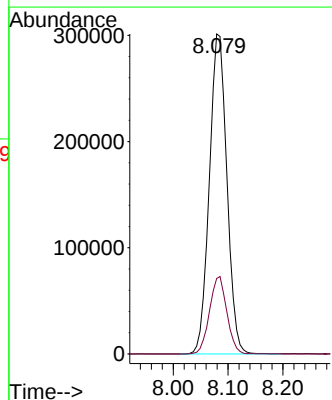
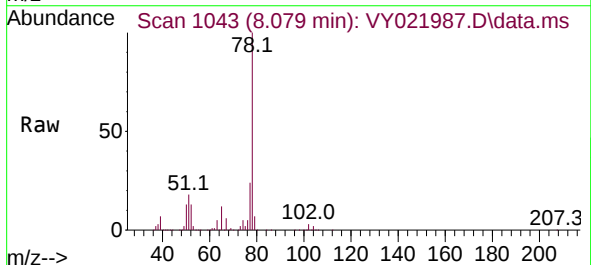
Acq: 24 Apr 2025 08:31

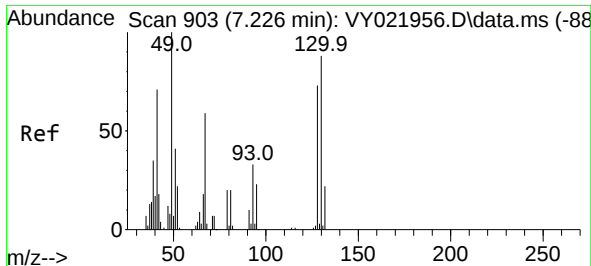
Tgt Ion: 78 Resp: 667386

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

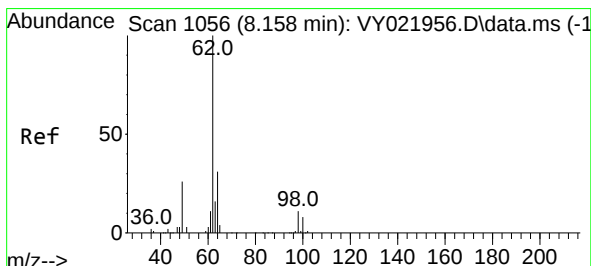
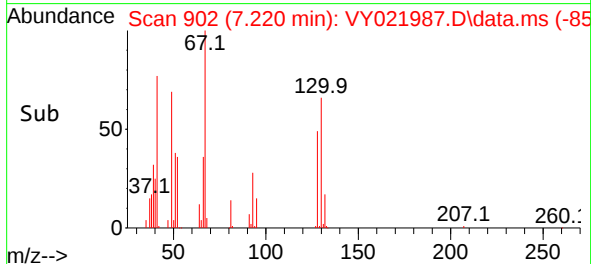
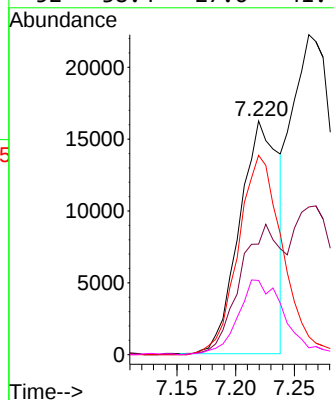
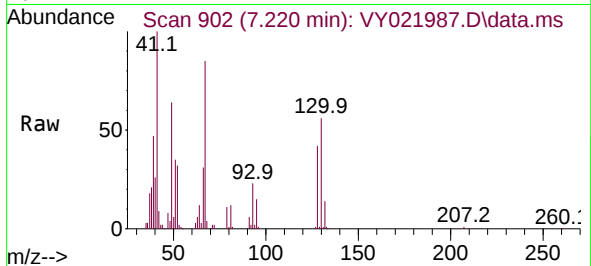




#41
Methacrylonitrile
Concen: 46.598 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

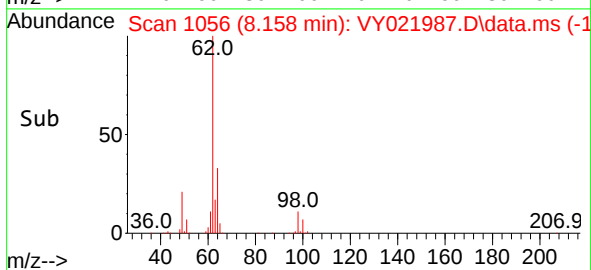
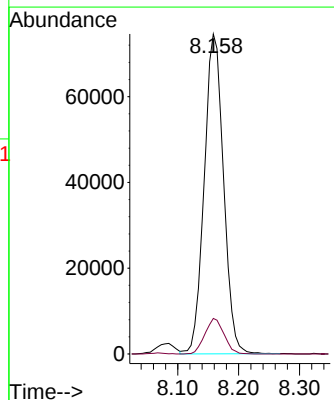
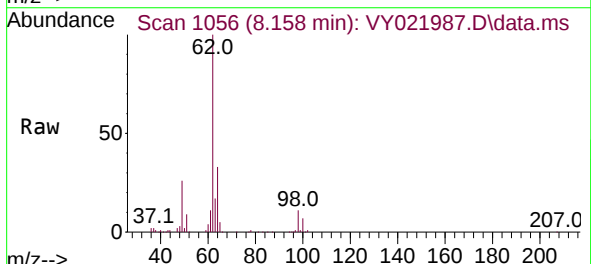
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

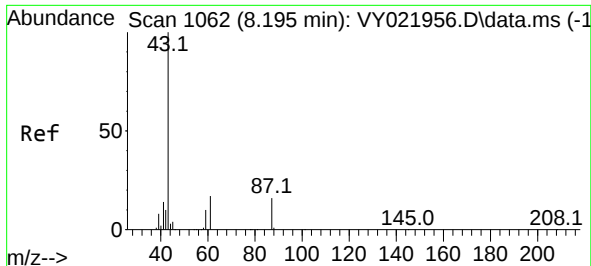
Tgt Ion: 41 Resp: 37352
Ion Ratio Lower Upper
41 100
39 63.0 36.6 55.0#
67 98.9 72.2 108.4
52 38.4 27.6 41.4



#42
1,2-Dichloroethane
Concen: 51.984 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 62 Resp: 164261
Ion Ratio Lower Upper
62 100
98 11.0 0.0 22.0

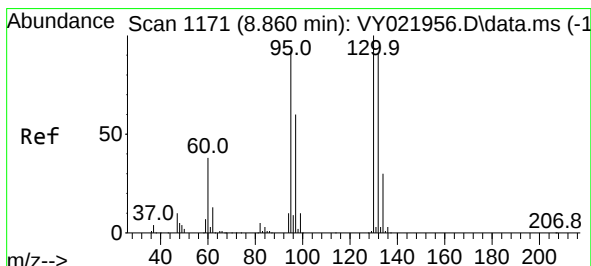
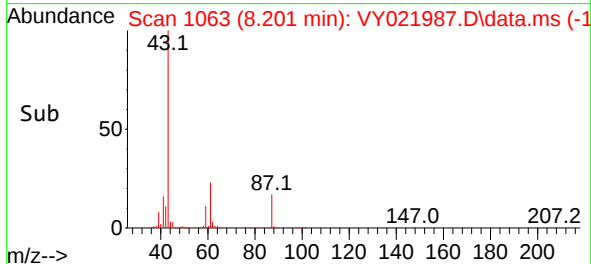
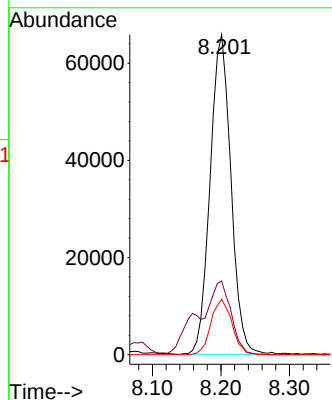
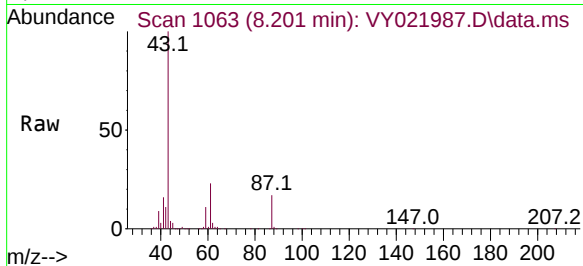




#43
Isopropyl Acetate
Concen: 49.361 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

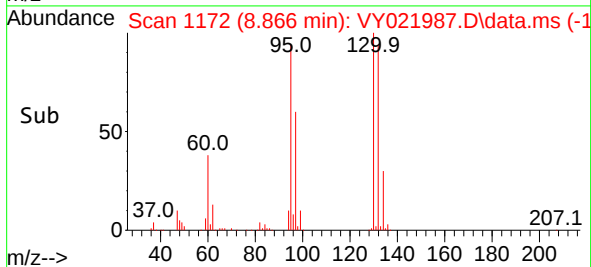
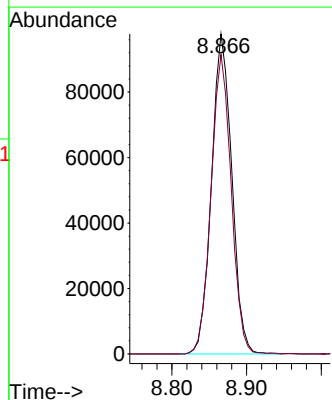
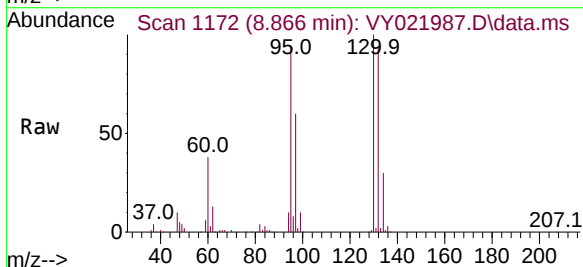
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

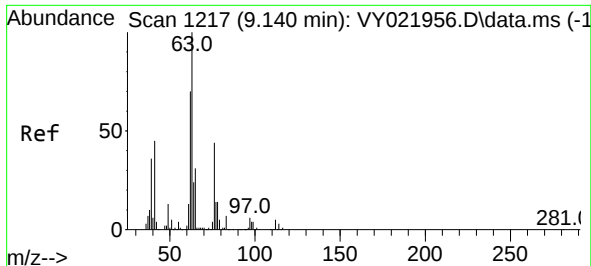
Tgt Ion: 43 Resp: 139000
Ion Ratio Lower Upper
43 100
61 24.6 18.9 28.3
87 17.4 13.7 20.5



#44
Trichloroethene
Concen: 52.165 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion:130 Resp: 184407
Ion Ratio Lower Upper
130 100
95 93.6 0.0 183.2





#45

1,2-Dichloropropane

Concen: 51.678 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

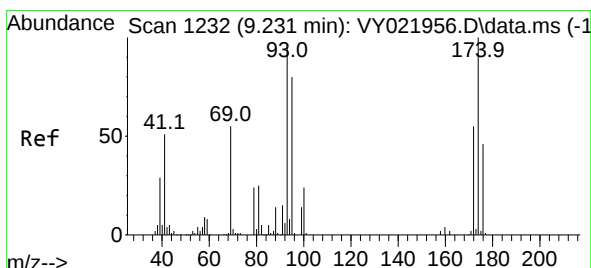
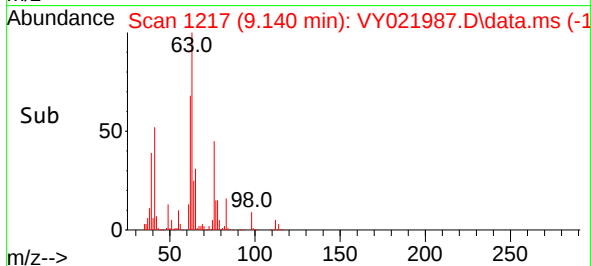
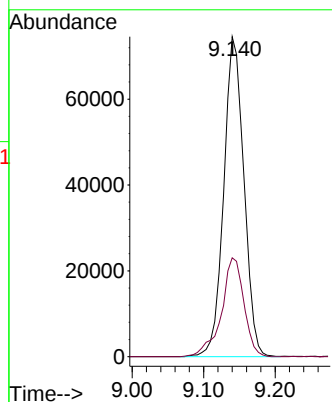
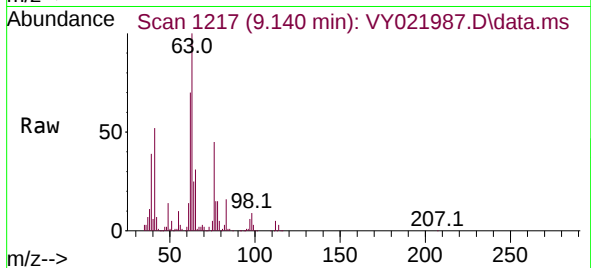
VSTDCCC050

Tgt Ion: 63 Resp: 145856

Ion Ratio Lower Upper

63 100

65 30.9 25.2 37.8



#46

Dibromomethane

Concen: 51.714 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

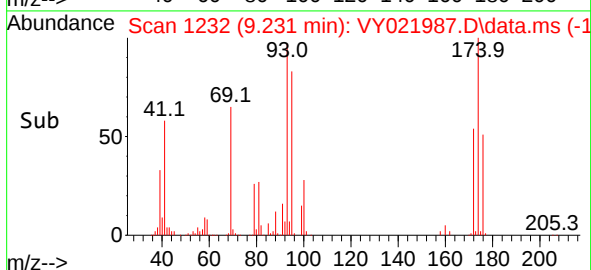
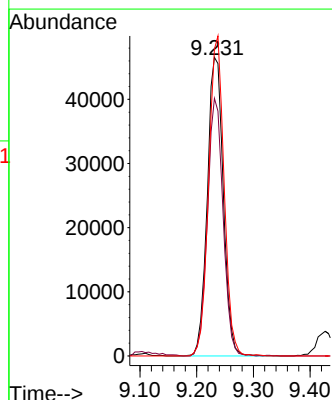
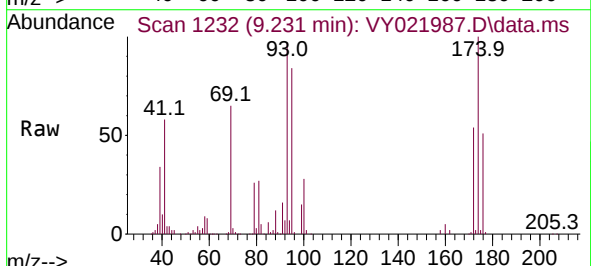
Tgt Ion: 93 Resp: 91368

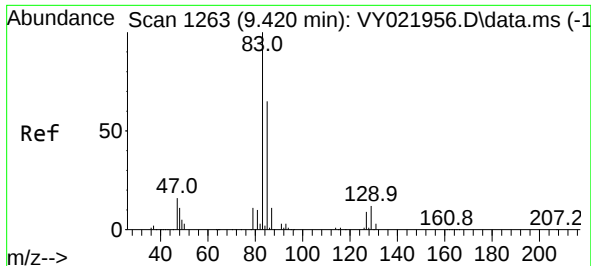
Ion Ratio Lower Upper

93 100

95 84.1 66.7 100.1

174 102.8 84.6 127.0

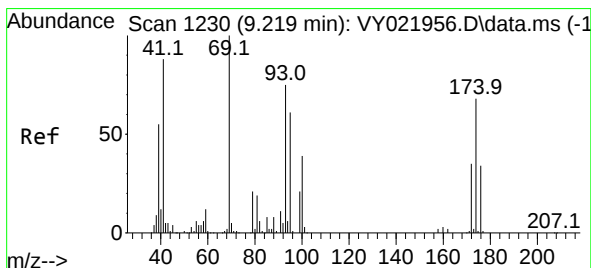
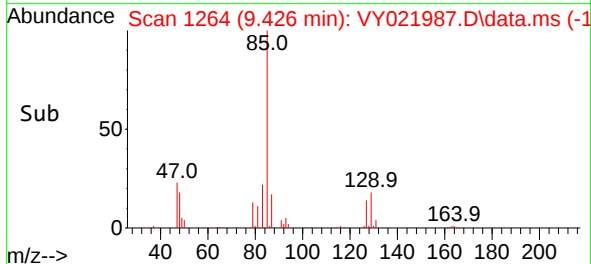
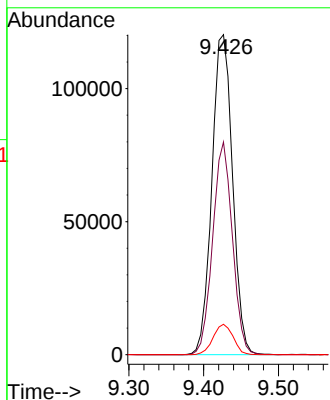
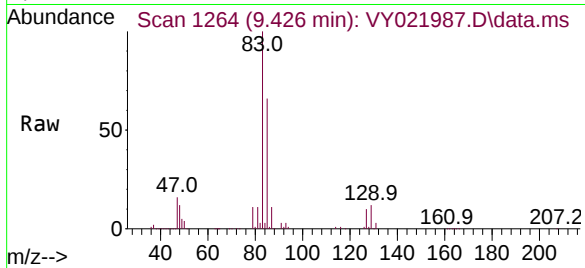




#47
Bromodichloromethane
Concen: 52.377 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

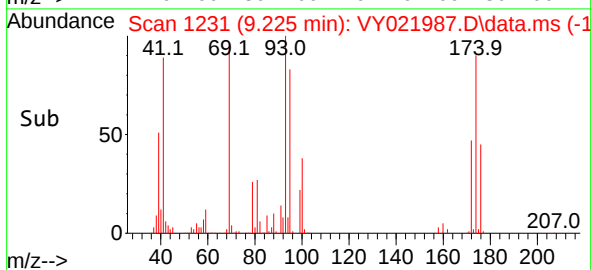
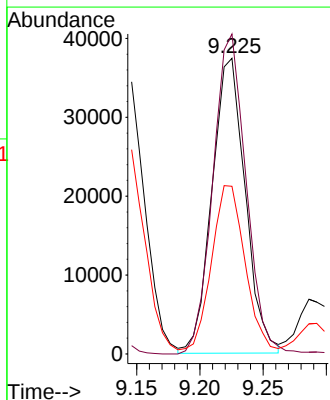
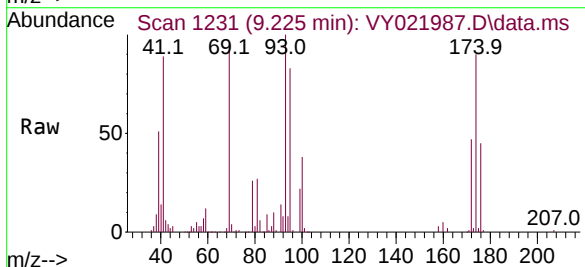
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

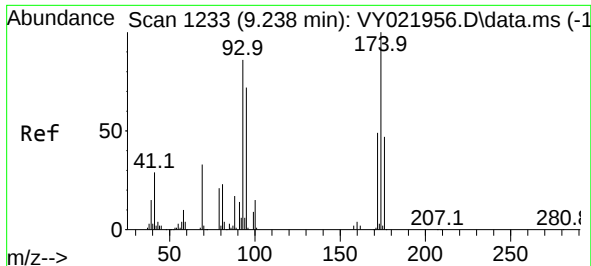
Tgt Ion: 83 Resp: 231176
Ion Ratio Lower Upper
83 100
85 66.5 51.8 77.8
127 9.5 7.0 10.6



#48
Methyl methacrylate
Concen: 52.445 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 41 Resp: 68272
Ion Ratio Lower Upper
41 100
69 109.2 85.5 128.3
39 55.6 46.2 69.4





#49

1,4-Dioxane

Concen: 966.803 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

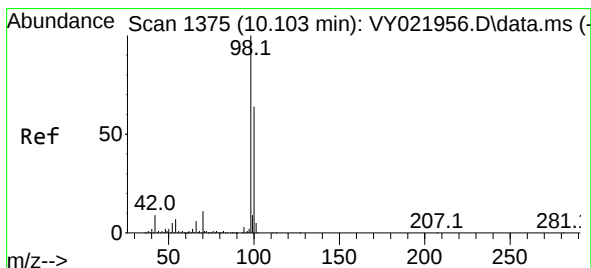
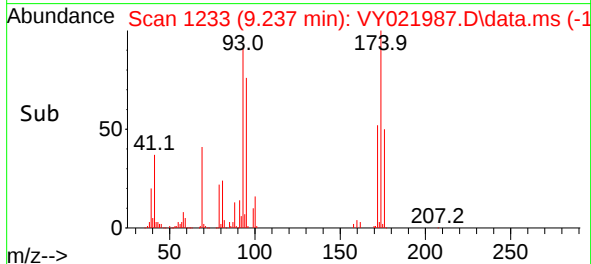
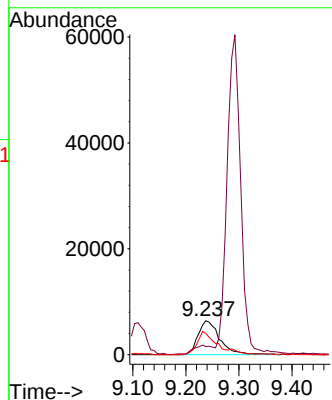
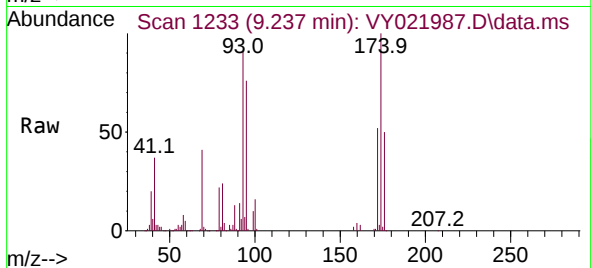
Tgt Ion: 88 Resp: 18206

Ion Ratio Lower Upper

88 100

43 23.5 21.3 31.9

58 63.8 50.5 75.7



#50

Toluene-d8

Concen: 51.068 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY021987.D

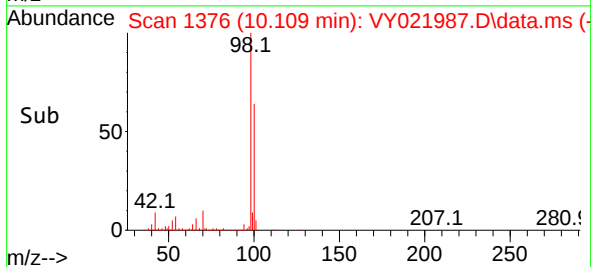
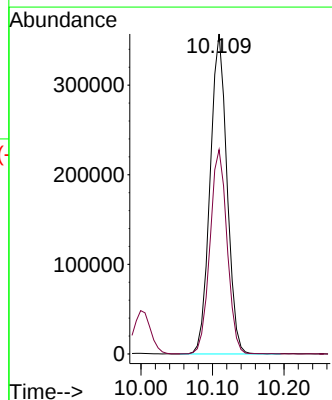
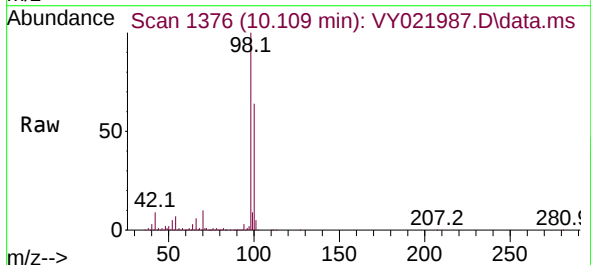
Acq: 24 Apr 2025 08:31

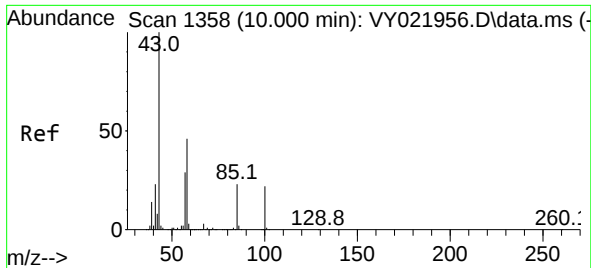
Tgt Ion: 98 Resp: 585168

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4

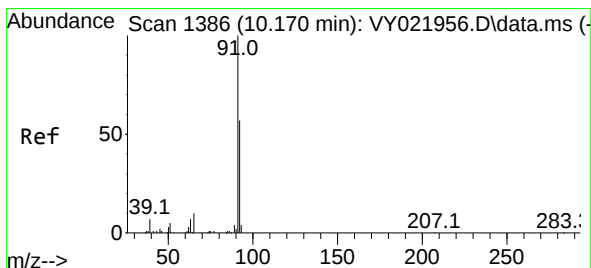
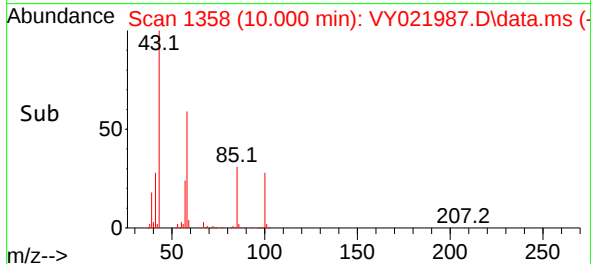
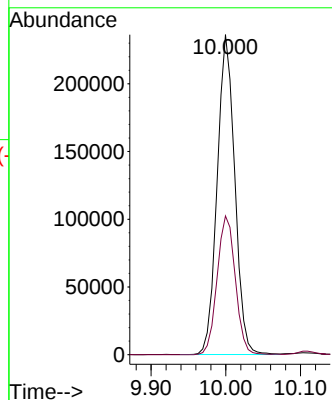
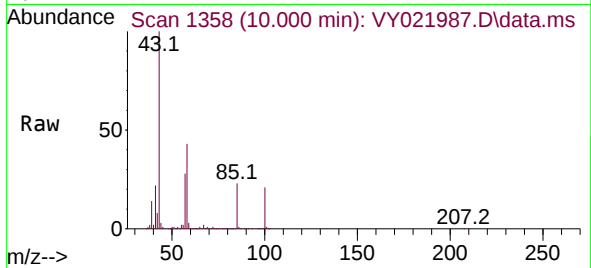




#51
4-Methyl-2-Pentanone
Concen: 262.799 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

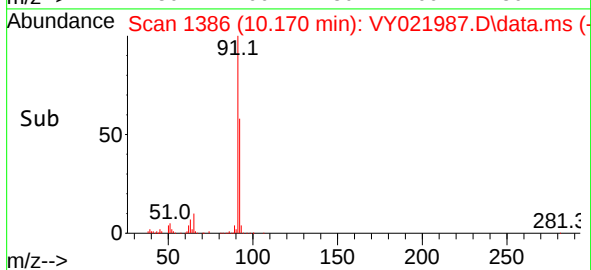
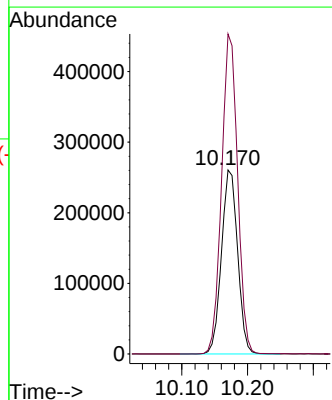
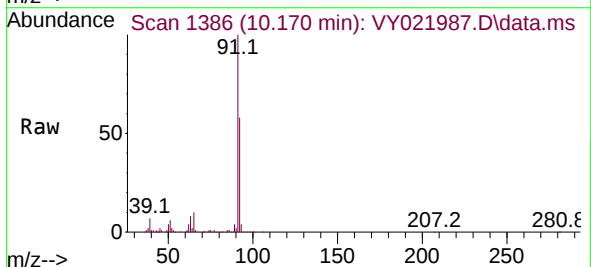
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

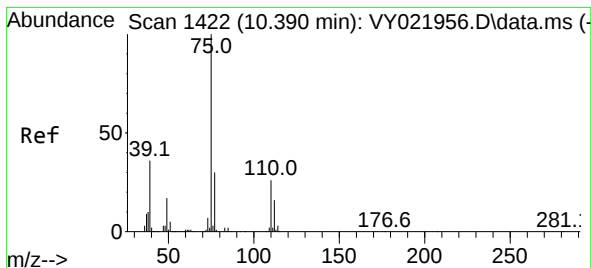
Tgt Ion: 43 Resp: 387936
Ion Ratio Lower Upper
43 100
58 44.8 36.6 55.0



#52
Toluene
Concen: 53.860 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 92 Resp: 444957
Ion Ratio Lower Upper
92 100
91 172.8 138.6 207.8

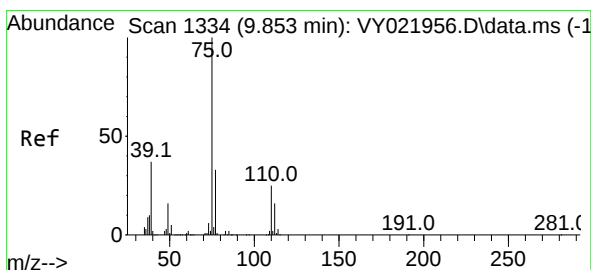
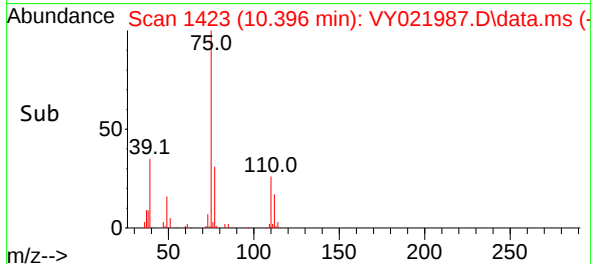
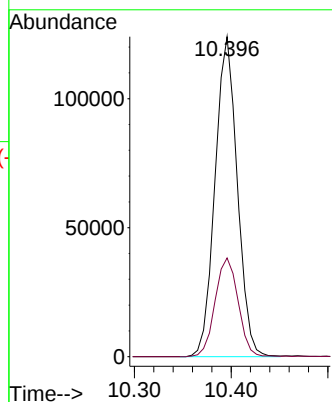
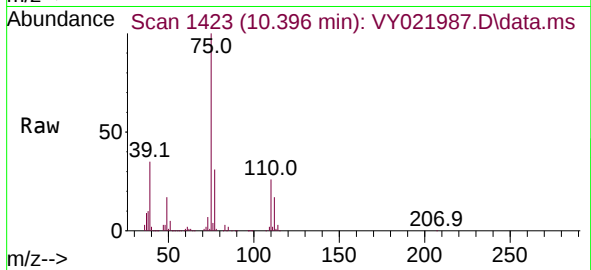




#53
 t-1,3-Dichloropropene
 Concen: 52.326 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY021987.D
 Acq: 24 Apr 2025 08:31

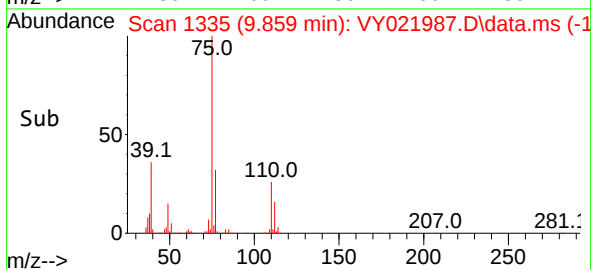
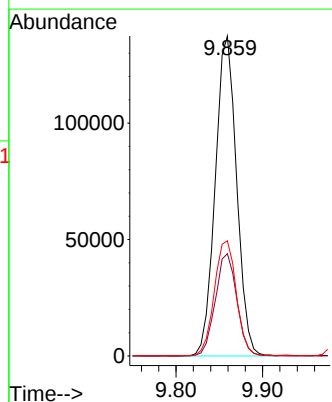
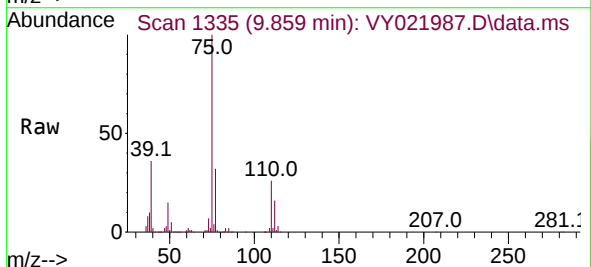
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 198098
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 52.334 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY021987.D
 Acq: 24 Apr 2025 08:31

Tgt Ion: 75 Resp: 235517
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.6 40.0
 39 35.9 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 52.653 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 124262

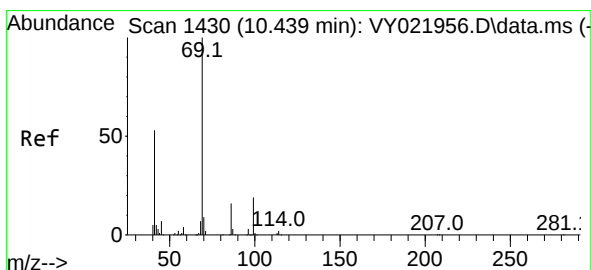
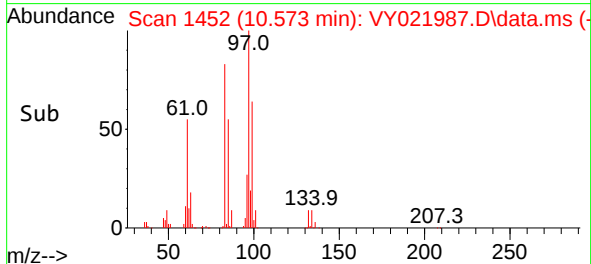
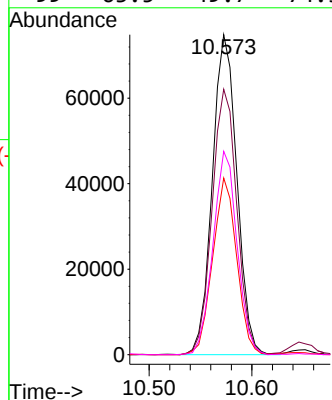
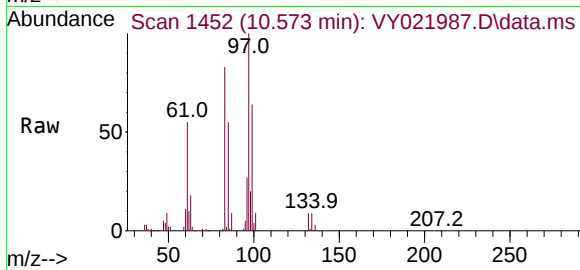
Ion Ratio Lower Upper

97 100

83 83.0 66.7 100.1

85 55.2 42.6 64.0

99 63.5 49.7 74.5



#56

Ethyl methacrylate

Concen: 53.820 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

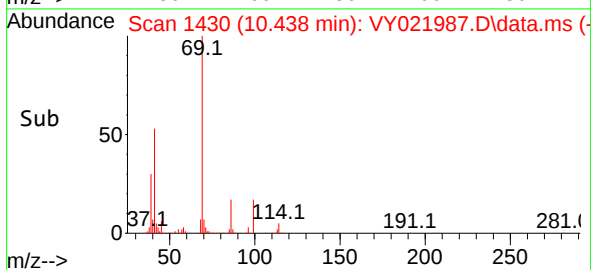
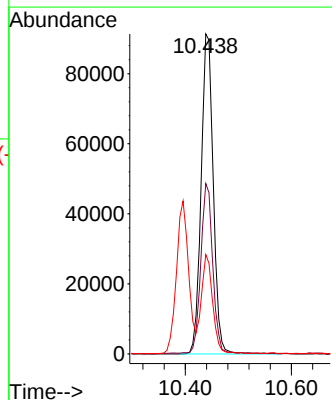
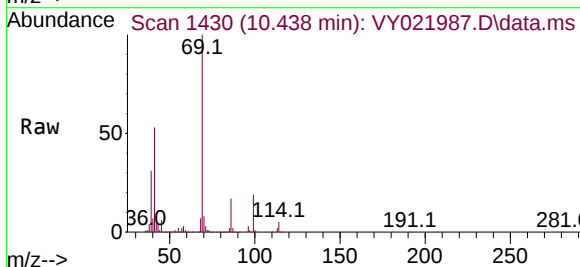
Tgt Ion: 69 Resp: 145250

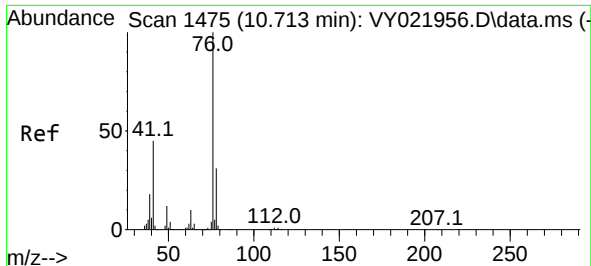
Ion Ratio Lower Upper

69 100

41 53.4 40.7 61.1

39 28.4 23.3 34.9





#57

1,3-Dichloropropane

Concen: 51.773 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

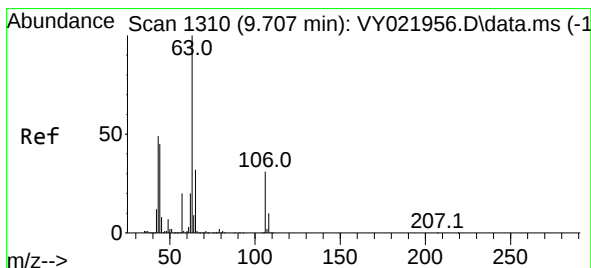
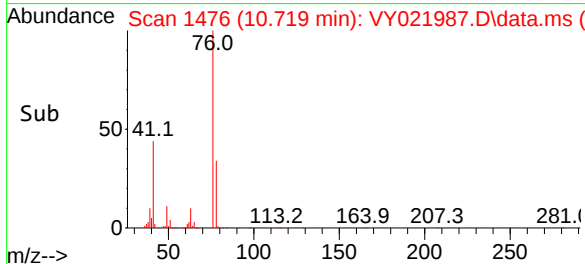
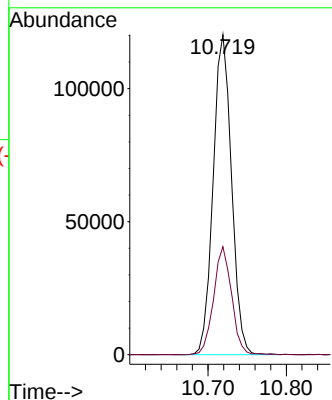
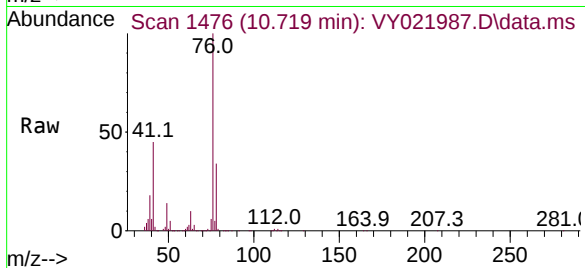
VSTDCCC050

Tgt Ion: 76 Resp: 195881

Ion Ratio Lower Upper

76 100

78 33.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 274.313 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY021987.D

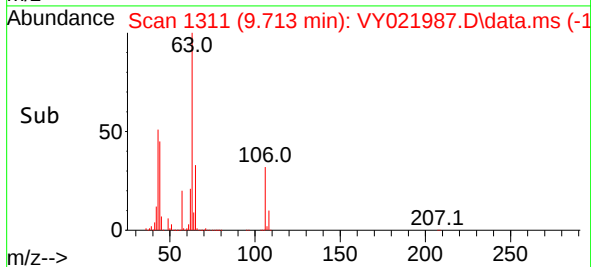
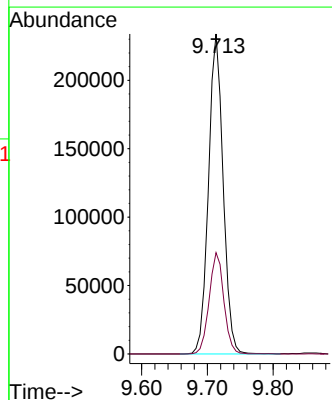
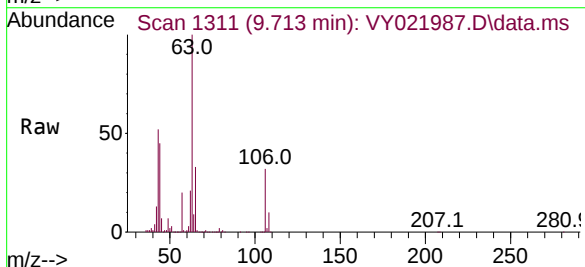
Acq: 24 Apr 2025 08:31

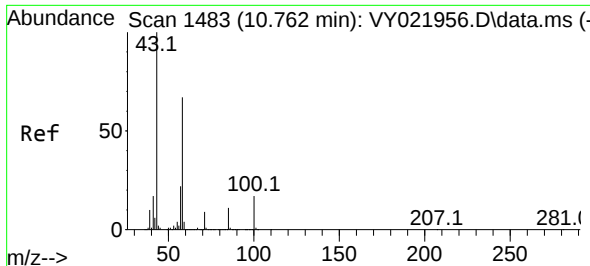
Tgt Ion: 63 Resp: 361969

Ion Ratio Lower Upper

63 100

106 31.7 25.3 37.9

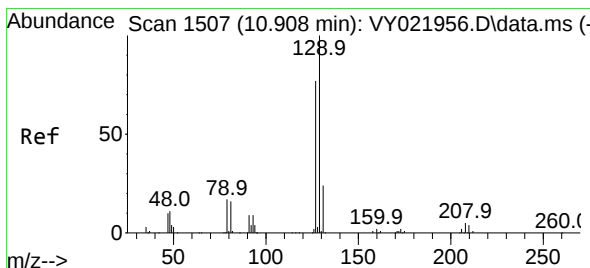
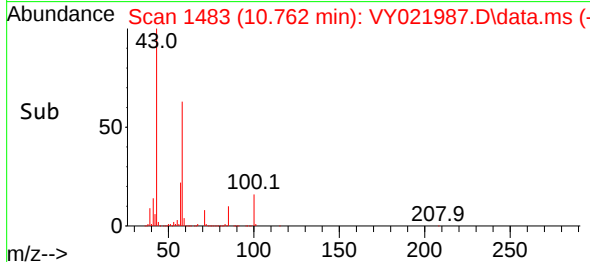
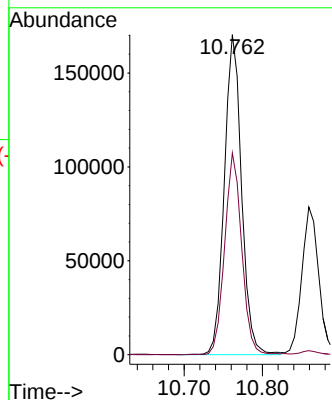
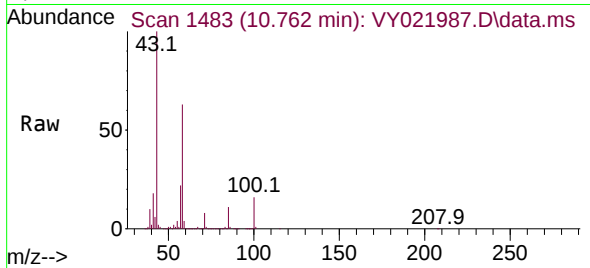




#59
2-Hexanone
Concen: 267.863 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

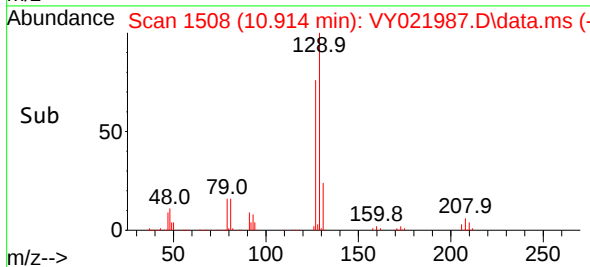
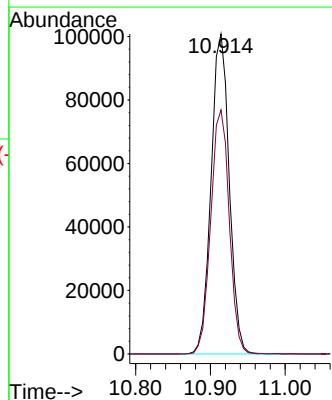
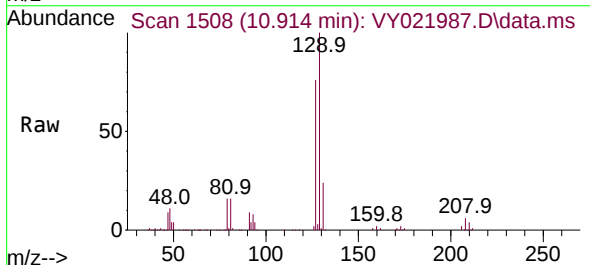
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

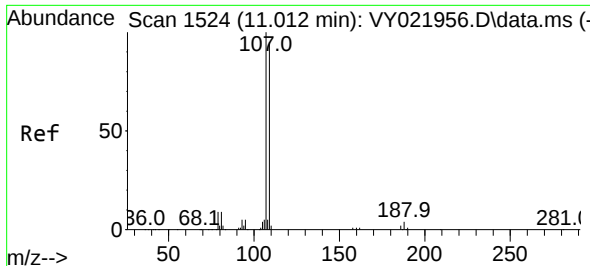
Tgt Ion: 43 Resp: 260807
Ion Ratio Lower Upper
43 100
58 62.4 32.0 96.0



#60
Dibromochloromethane
Concen: 52.216 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 129 Resp: 170611
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3

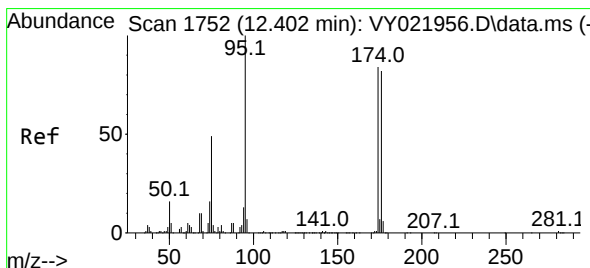
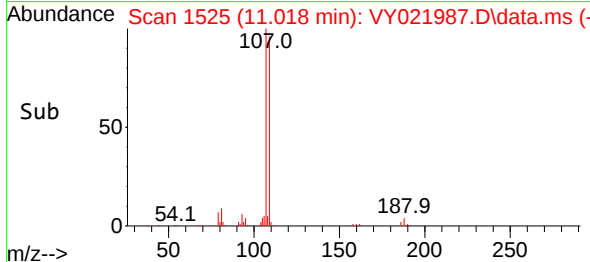
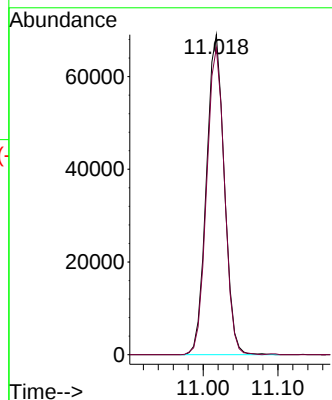
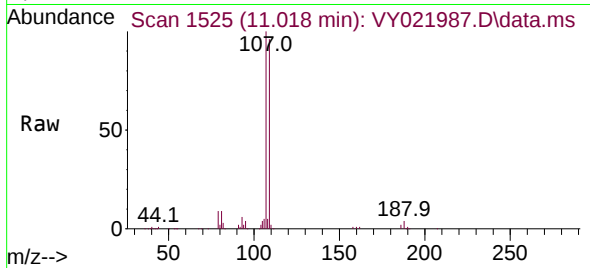




#61
1,2-Dibromoethane
Concen: 51.380 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

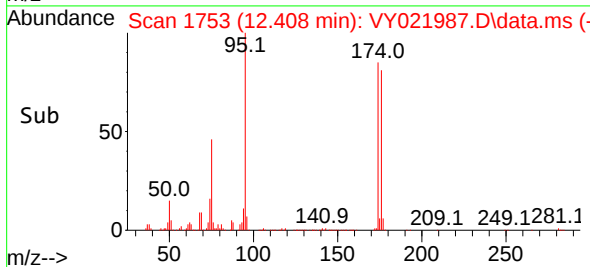
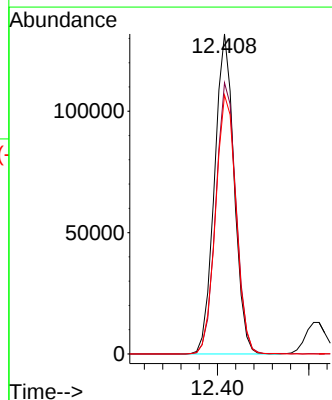
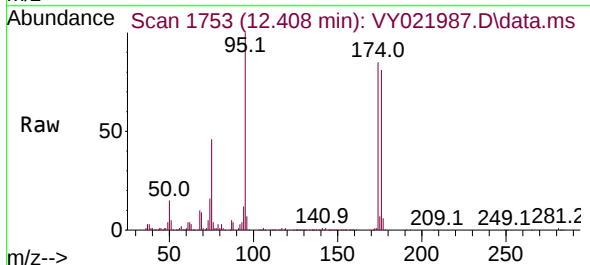
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

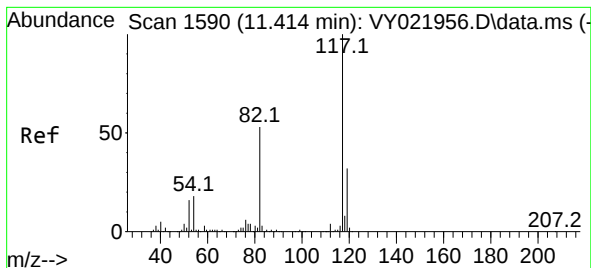
Tgt Ion:107 Resp: 114476
Ion Ratio Lower Upper
107 100
109 95.6 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 51.027 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 95 Resp: 196835
Ion Ratio Lower Upper
95 100
174 87.2 0.0 179.0
176 84.6 0.0 171.8

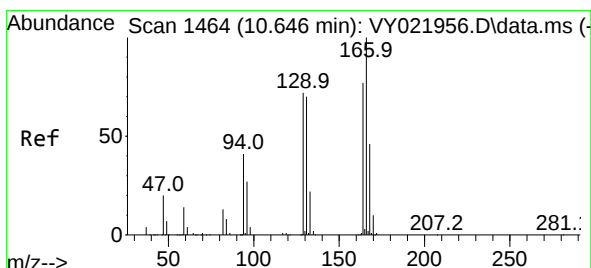
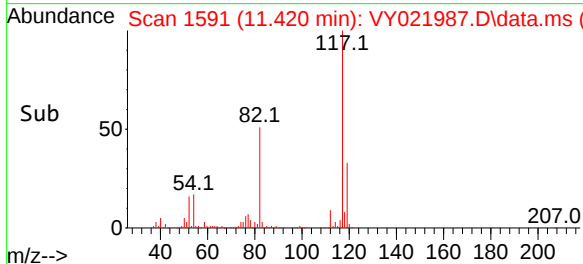
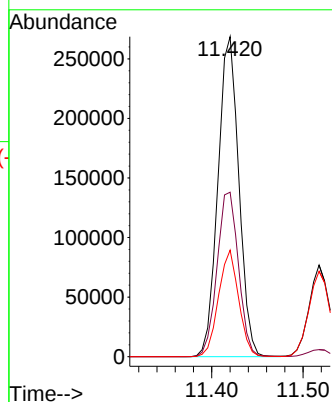
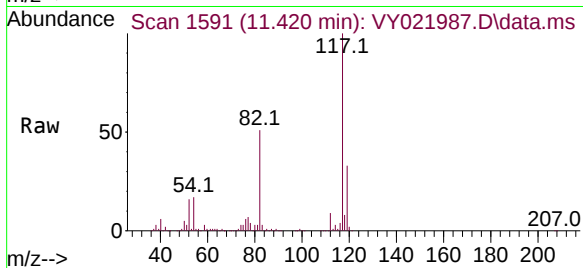




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

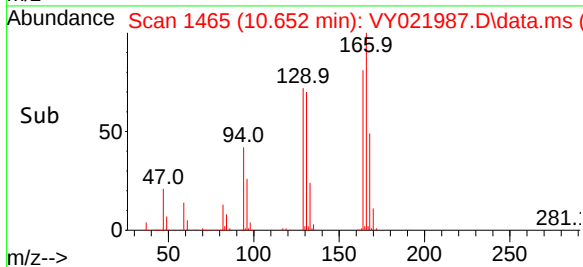
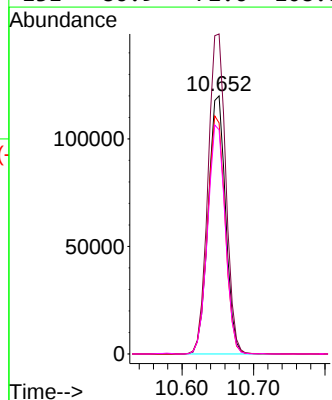
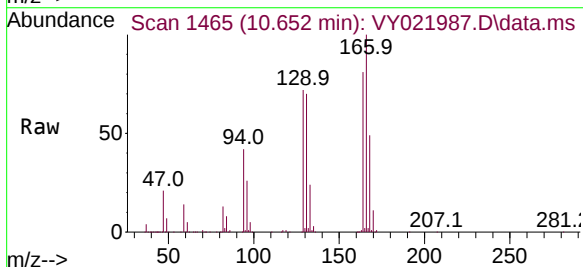
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 427639
Ion Ratio Lower Upper
117 100
82 51.4 42.1 63.1
119 33.3 25.7 38.5



#64
Tetrachloroethene
Concen: 50.300 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion:164 Resp: 202921
Ion Ratio Lower Upper
164 100
166 124.0 103.6 155.4
129 89.5 74.2 111.4
131 86.9 72.6 108.8





#65

Chlorobenzene

Concen: 51.623 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

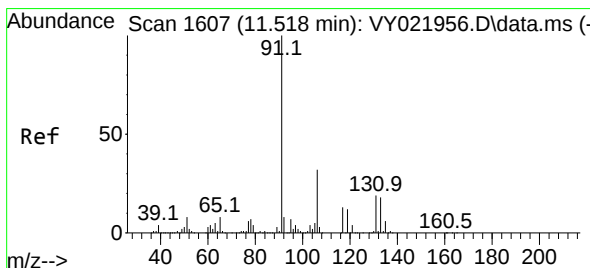
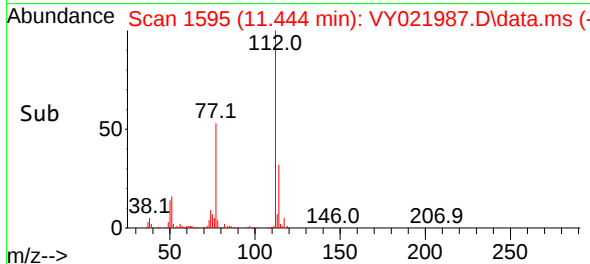
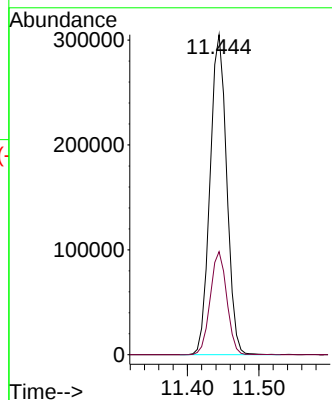
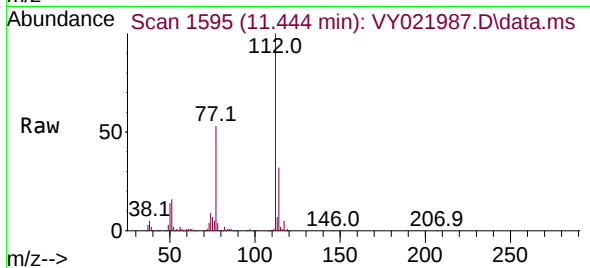
VSTDCCC050

Tgt Ion:112 Resp: 493674

Ion Ratio Lower Upper

112 100

114 32.2 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 52.054 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

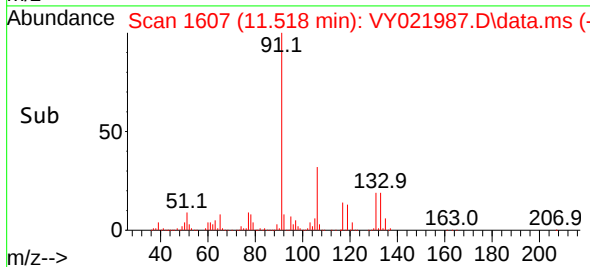
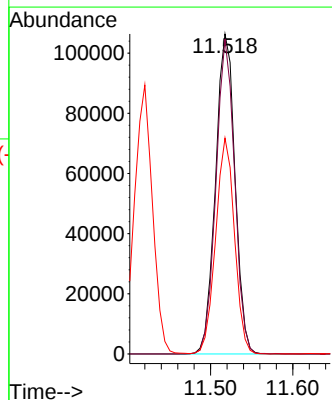
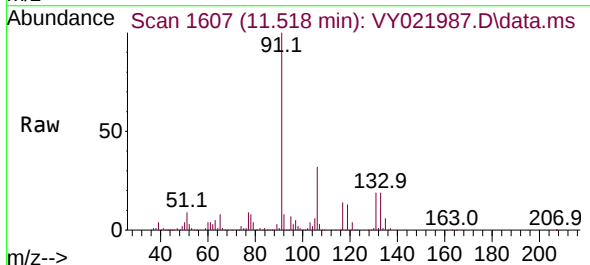
Tgt Ion:131 Resp: 175254

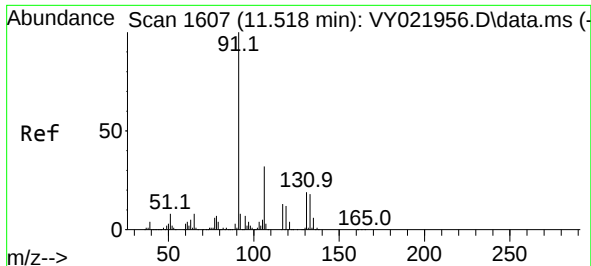
Ion Ratio Lower Upper

131 100

133 94.2 47.8 143.3

119 65.1 32.4 97.0





#67

Ethyl Benzene

Concen: 53.938 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

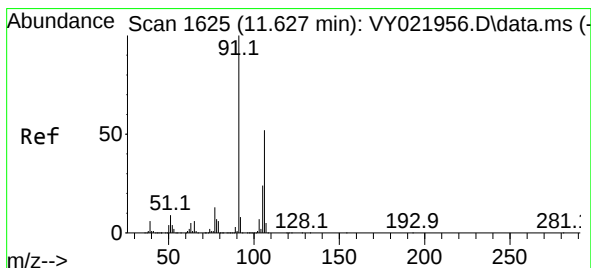
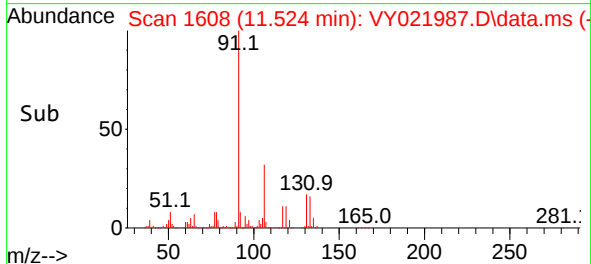
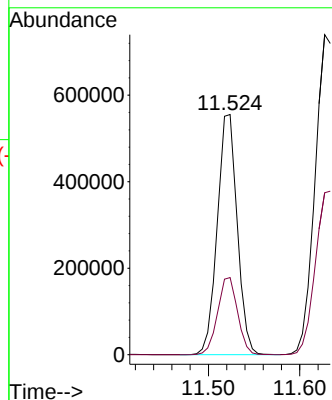
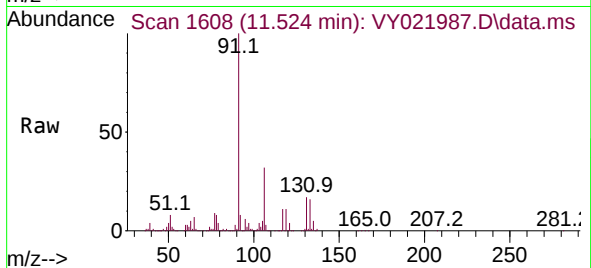
VSTDCCC050

Tgt Ion: 91 Resp: 843791

Ion Ratio Lower Upper

91 100

106 32.1 25.9 38.9



#68

m/p-Xylenes

Concen: 110.212 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021987.D

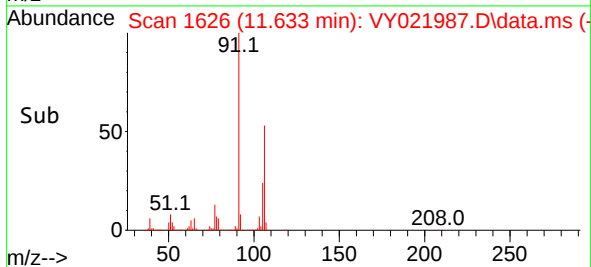
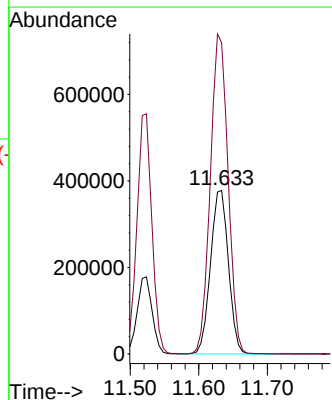
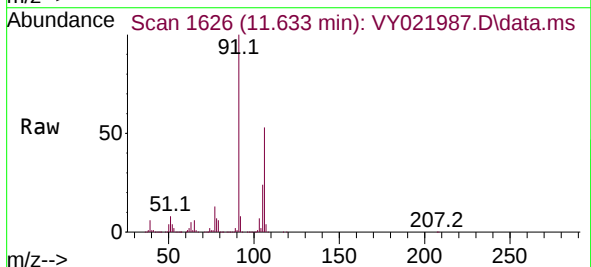
Acq: 24 Apr 2025 08:31

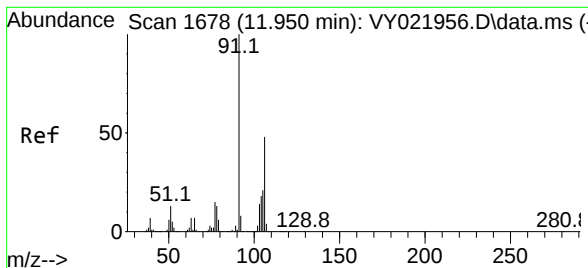
Tgt Ion: 106 Resp: 686068

Ion Ratio Lower Upper

106 100

91 194.5 156.2 234.2

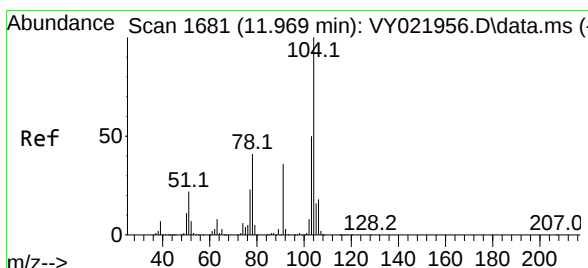
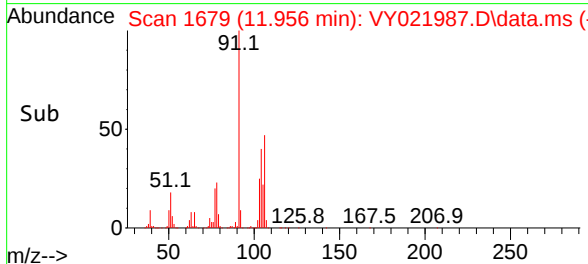
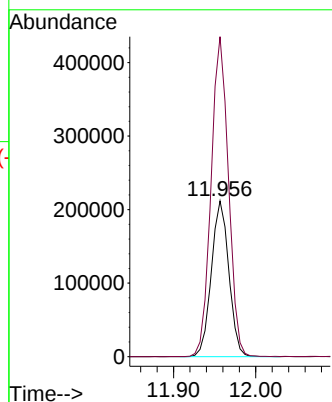
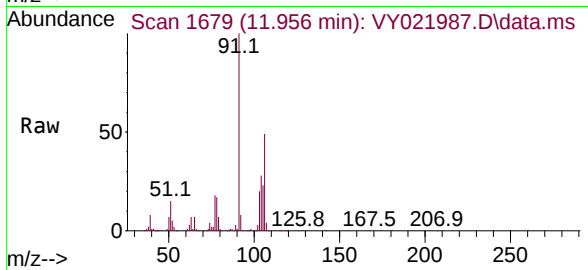




#69
o-Xylene
Concen: 54.566 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

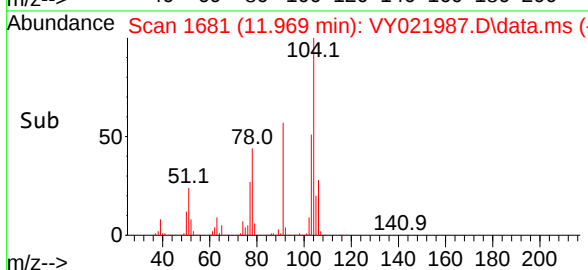
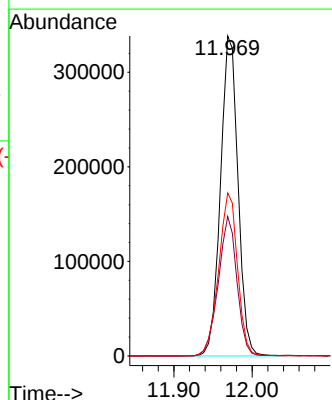
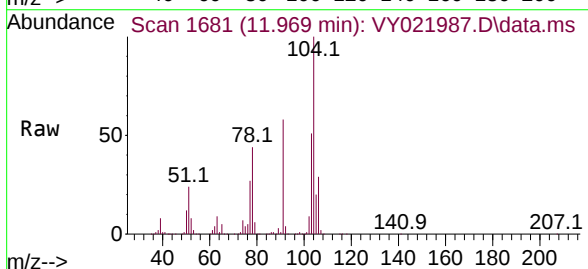
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

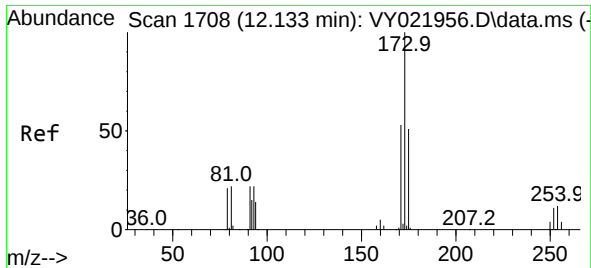
Tgt Ion:106 Resp: 313069
Ion Ratio Lower Upper
106 100
91 204.1 103.0 308.9



#70
Styrene
Concen: 54.733 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion:104 Resp: 527263
Ion Ratio Lower Upper
104 100
78 46.4 36.6 54.8
103 54.8 43.8 65.8

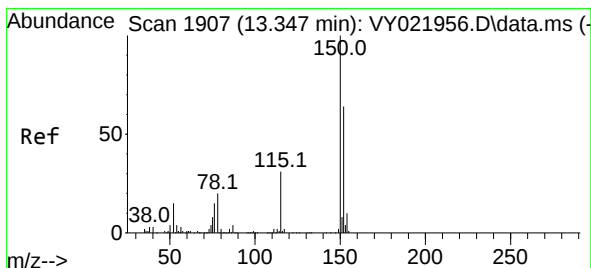
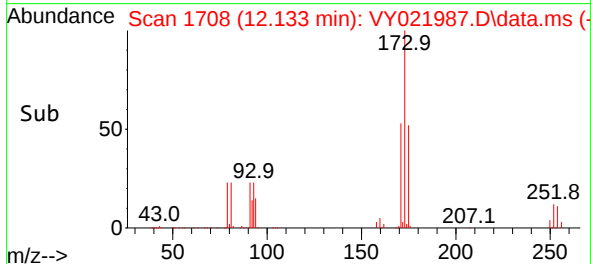
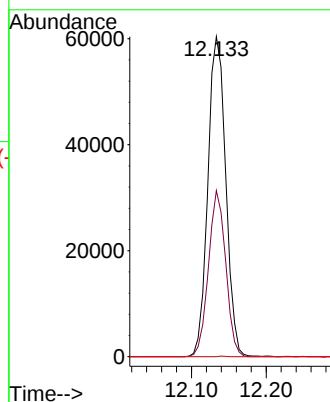
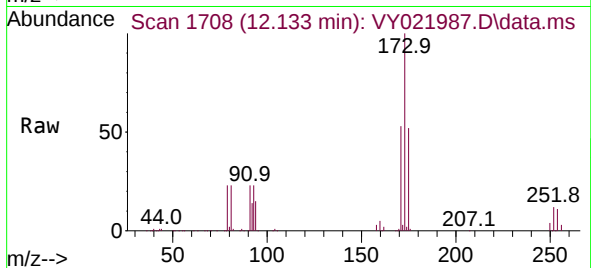




#71
Bromoform
Concen: 51.228 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

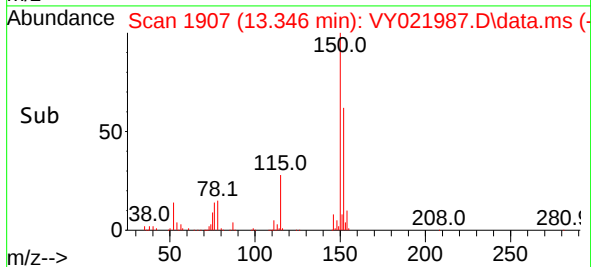
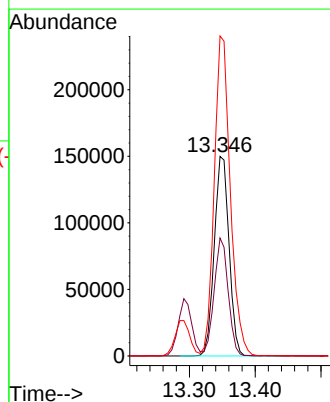
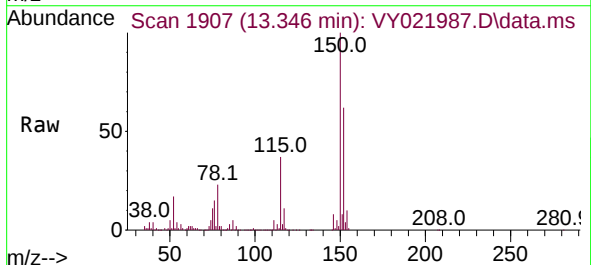
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

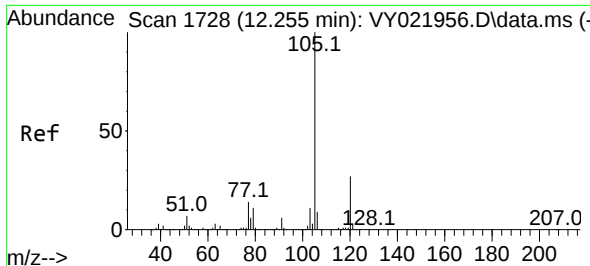
Tgt Ion:173 Resp: 100274
Ion Ratio Lower Upper
173 100
175 49.9 24.3 72.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion:152 Resp: 234232
Ion Ratio Lower Upper
152 100
115 56.3 28.0 84.0
150 174.3 0.0 345.6

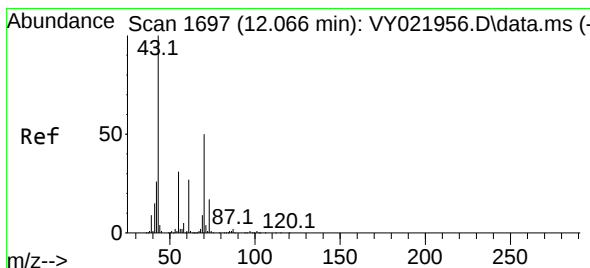
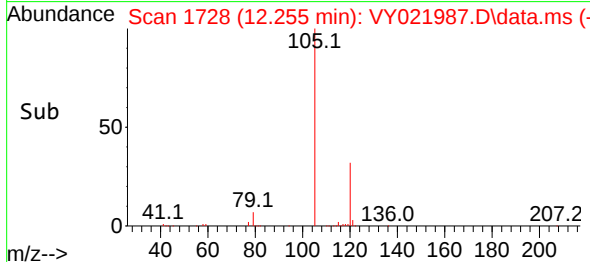
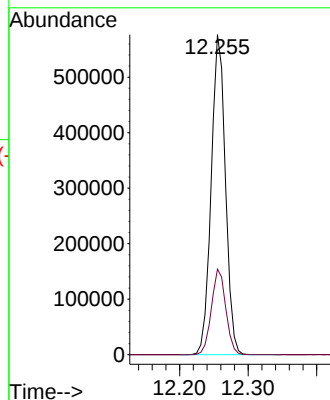
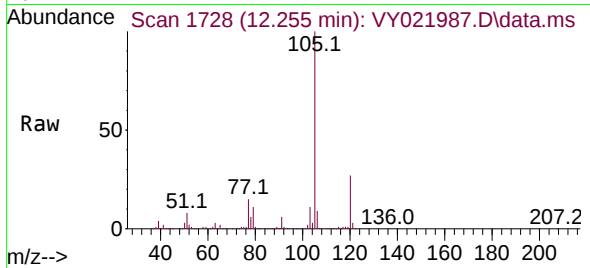




#73
Isopropylbenzene
Concen: 53.174 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

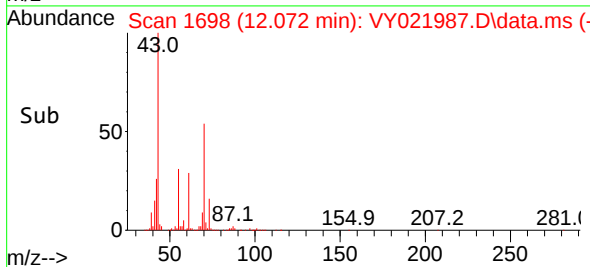
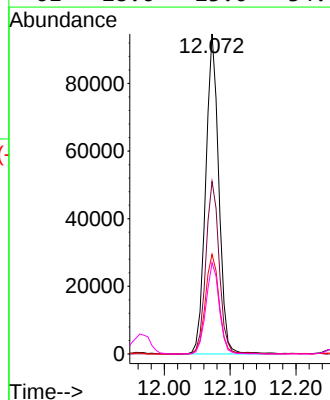
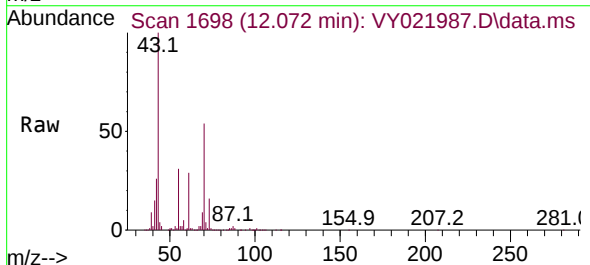
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

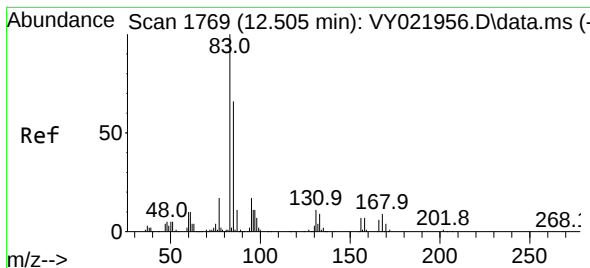
Tgt Ion:105 Resp: 832131
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.5



#74
N-ethyl acetate
Concen: 48.902 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 43 Resp: 131481
Ion Ratio Lower Upper
43 100
70 54.8 43.2 64.8
55 32.4 25.7 38.5
61 28.6 23.0 34.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.175 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

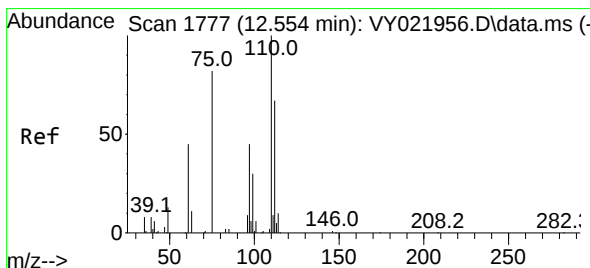
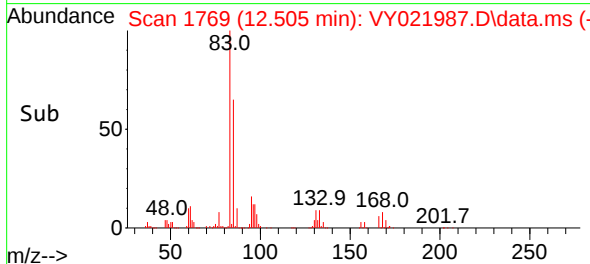
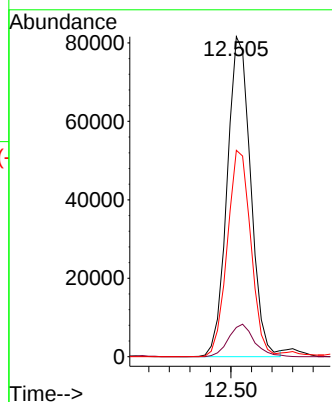
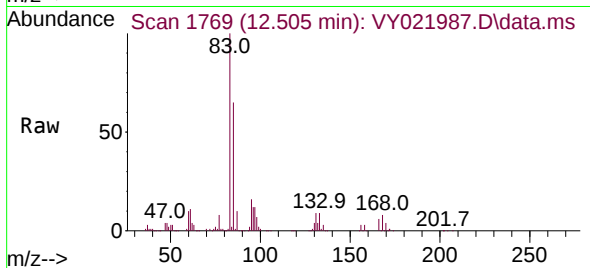
Tgt Ion: 83 Resp: 129743

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

85 64.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 83.506 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY021987.D

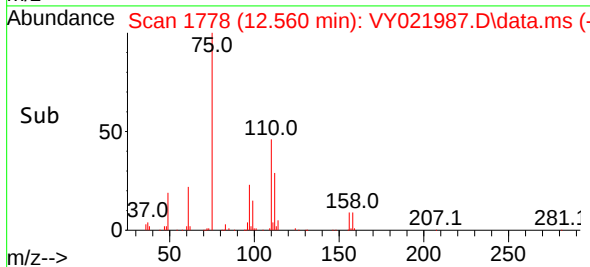
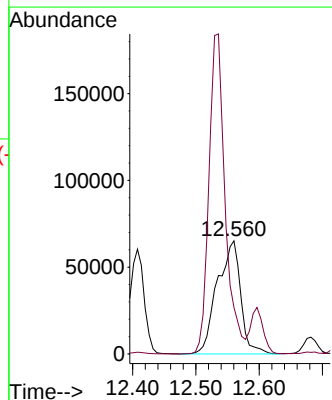
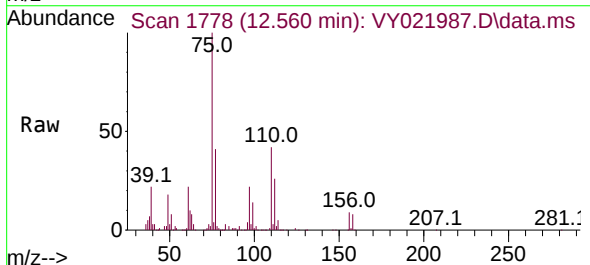
Acq: 24 Apr 2025 08:31

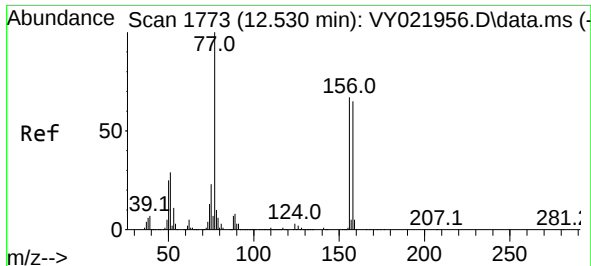
Tgt Ion: 75 Resp: 167540

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

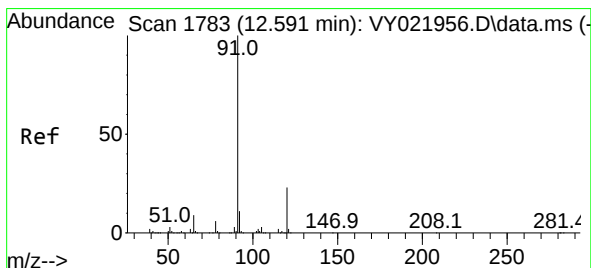
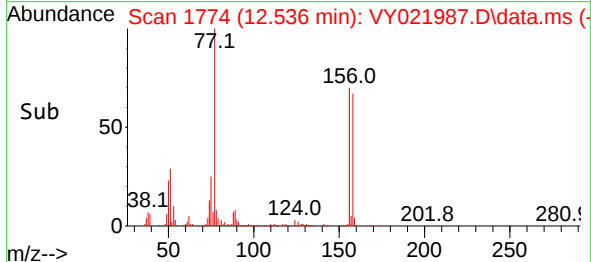
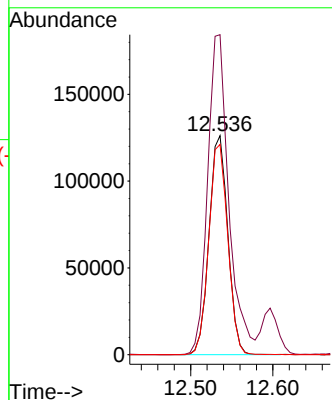
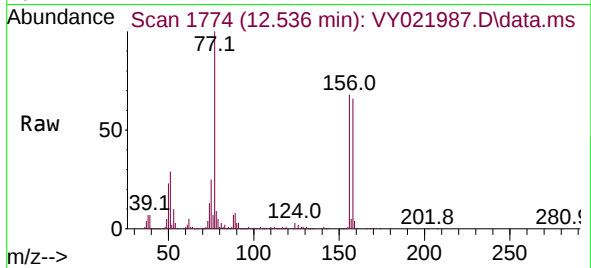




#77
Bromobenzene
Concen: 50.687 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

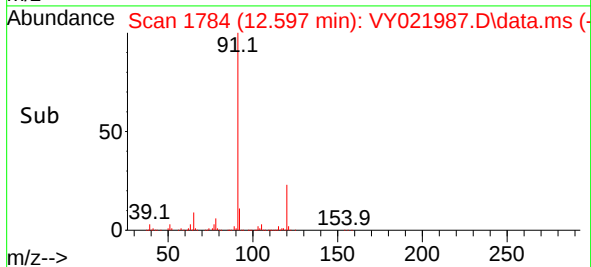
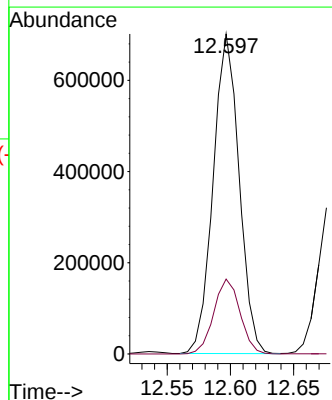
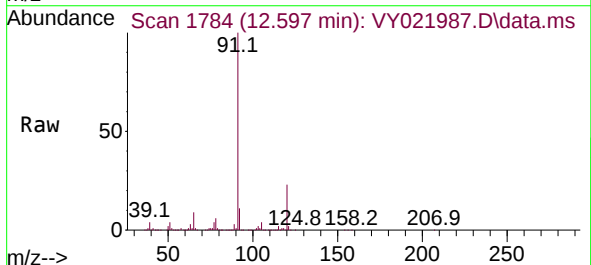
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

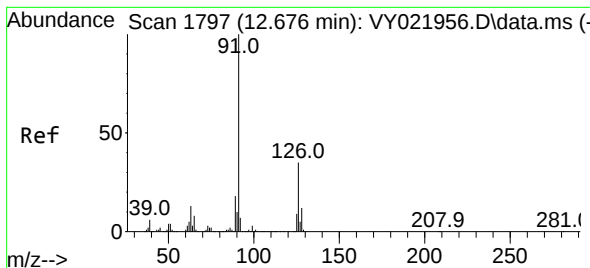
Tgt Ion:156 Resp: 200432
Ion Ratio Lower Upper
156 100
77 165.0 82.7 248.1
158 97.3 48.1 144.4



#78
n-propylbenzene
Concen: 53.560 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 91 Resp: 998168
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79

2-Chlorotoluene

Concen: 51.456 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

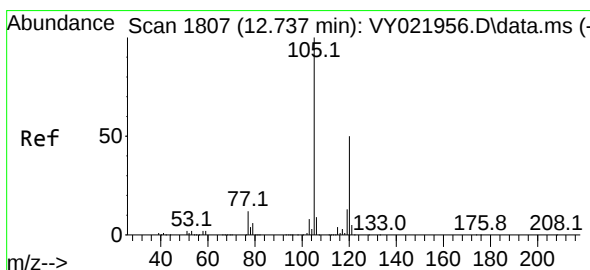
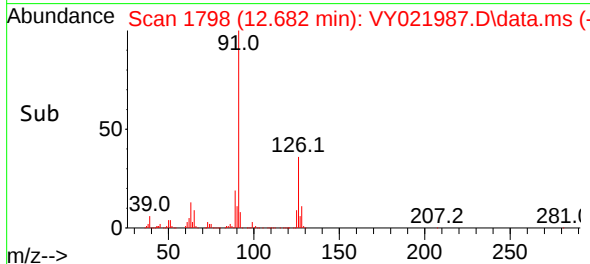
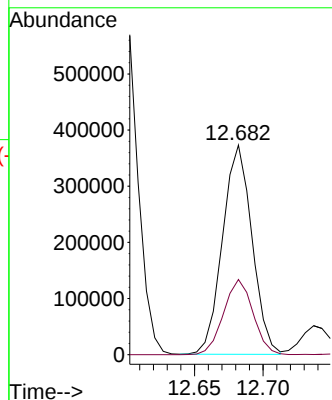
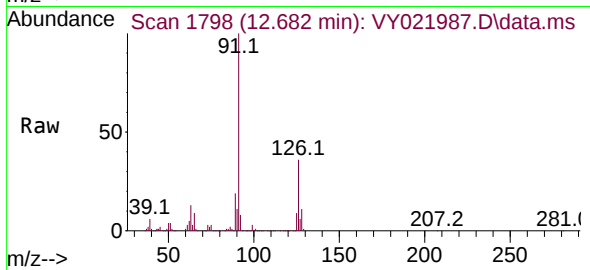
VSTDCCC050

Tgt Ion: 91 Resp: 557695

Ion Ratio Lower Upper

91 100

126 35.9 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 53.016 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY021987.D

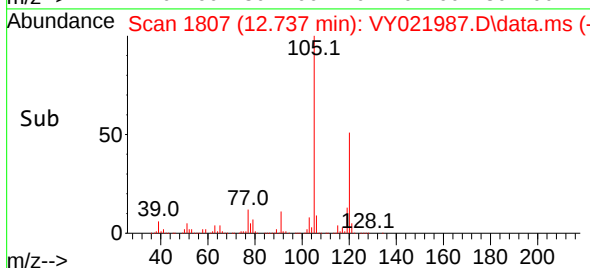
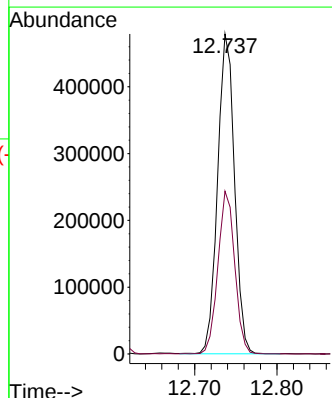
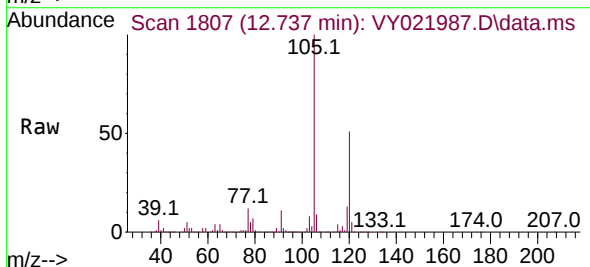
Acq: 24 Apr 2025 08:31

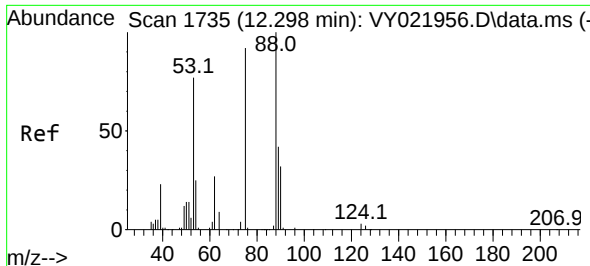
Tgt Ion: 105 Resp: 683588

Ion Ratio Lower Upper

105 100

120 50.8 25.0 75.0

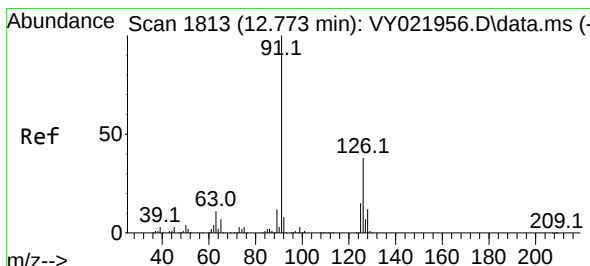
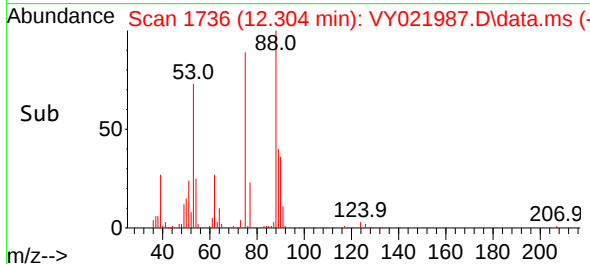
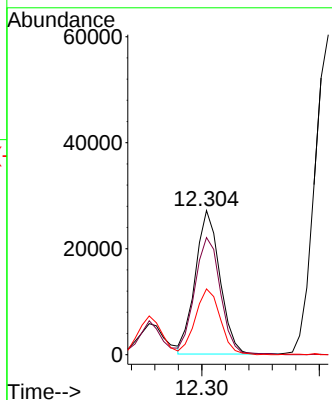
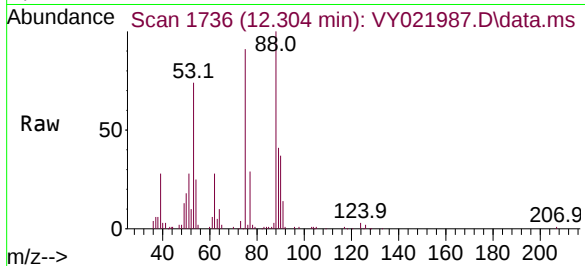




#81
trans-1,4-Dichloro-2-butene
Concen: 47.440 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

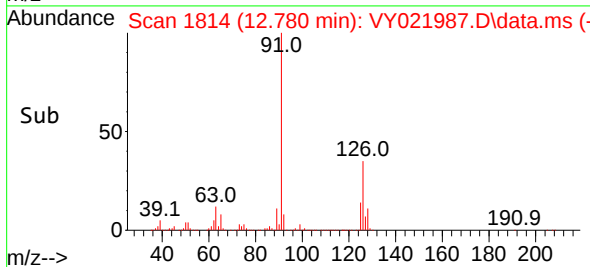
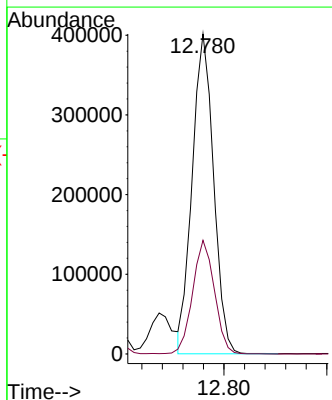
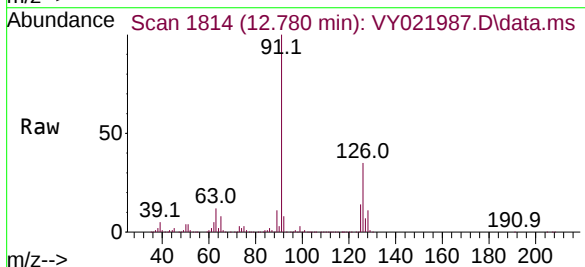
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

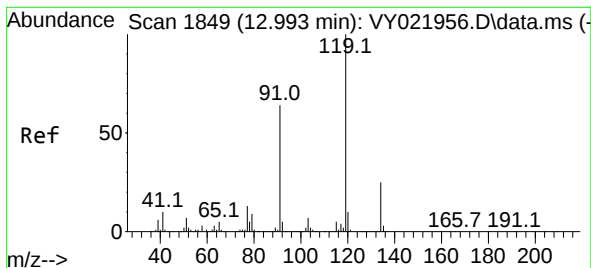
Tgt Ion: 75 Resp: 39524
Ion Ratio Lower Upper
75 100
53 85.6 66.0 99.0
89 46.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 51.492 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion: 91 Resp: 580145
Ion Ratio Lower Upper
91 100
126 36.4 17.9 53.8





#83

tert-Butylbenzene

Concen: 52.188 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

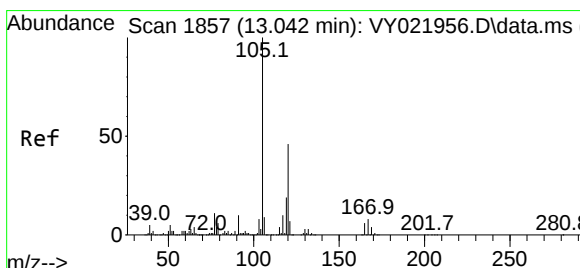
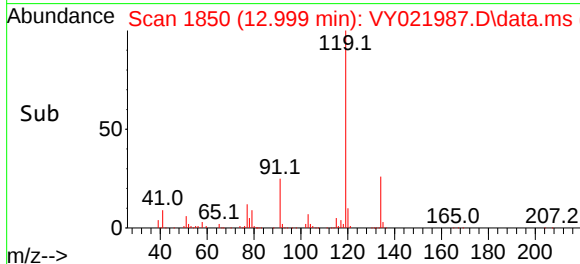
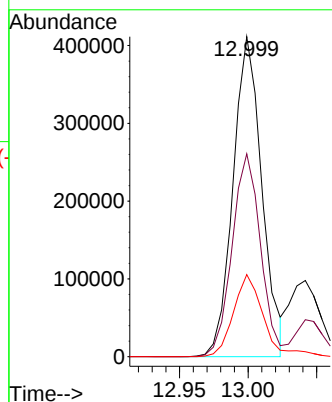
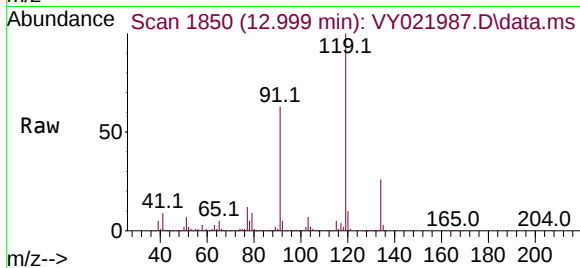
Tgt Ion:119 Resp: 603505

Ion Ratio Lower Upper

119 100

91 62.3 30.3 90.9

134 26.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 53.234 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY021987.D

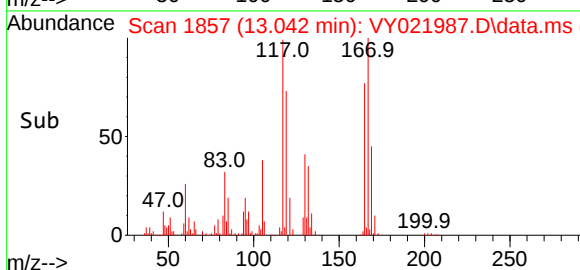
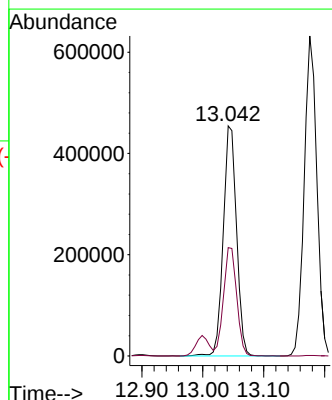
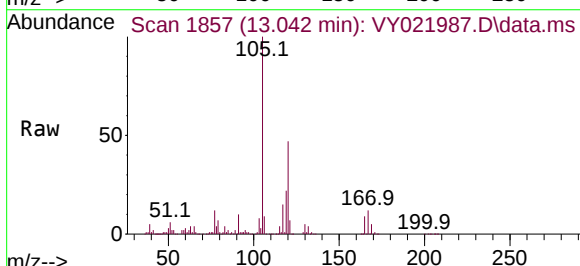
Acq: 24 Apr 2025 08:31

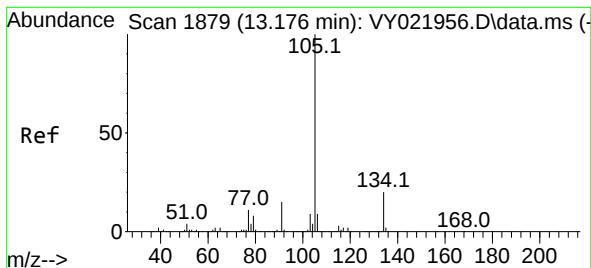
Tgt Ion:105 Resp: 686558

Ion Ratio Lower Upper

105 100

120 46.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 53.646 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

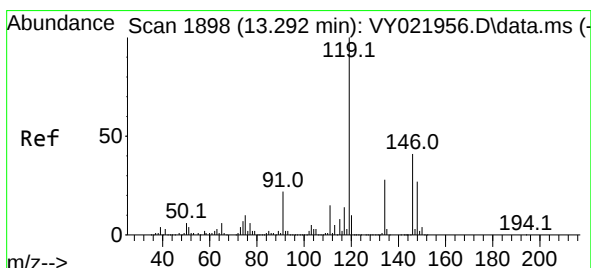
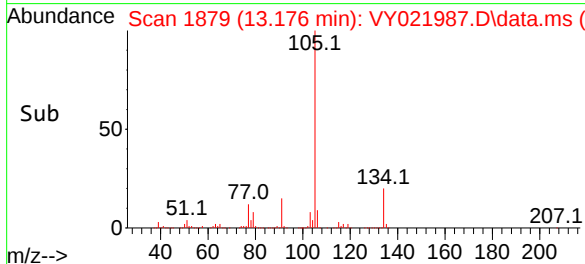
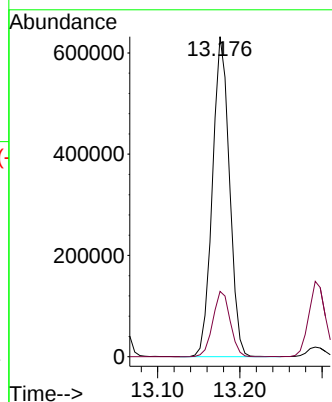
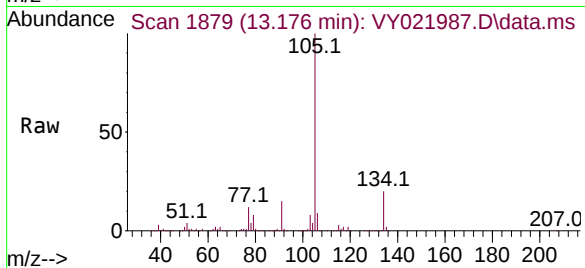
VSTDCCC050

Tgt Ion:105 Resp: 907786

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.9



#86

p-Isopropyltoluene

Concen: 54.030 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

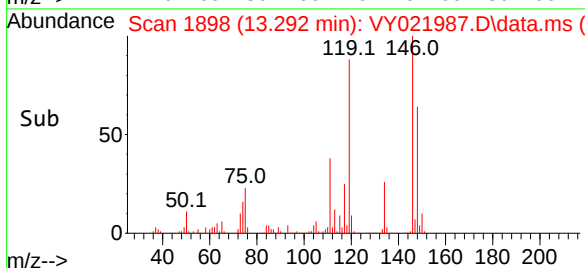
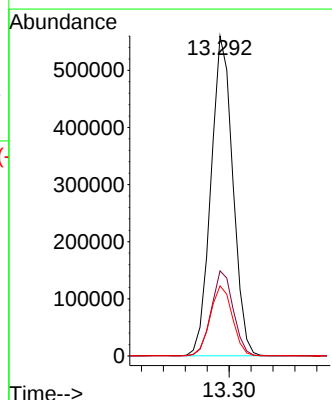
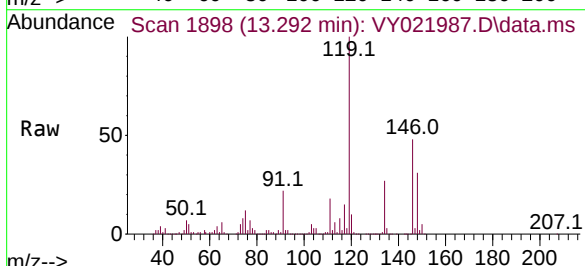
Tgt Ion:119 Resp: 776369

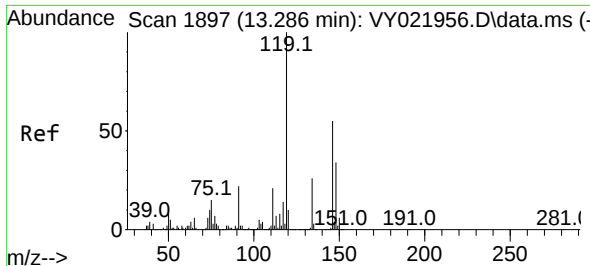
Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 22.2 11.0 33.0

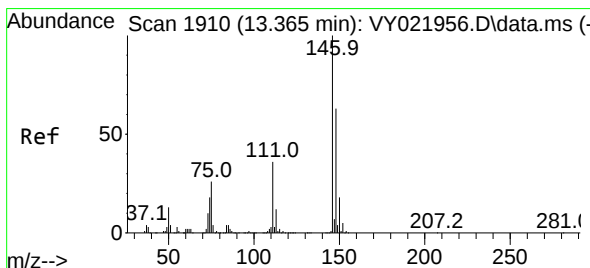
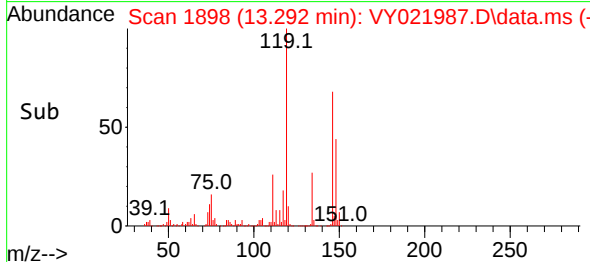
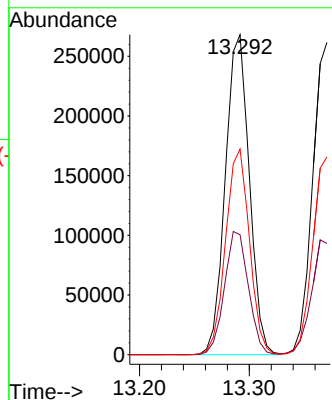
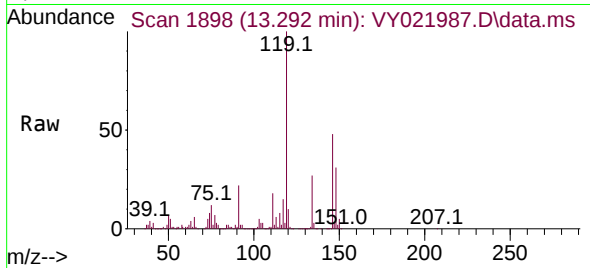




#87
1,3-Dichlorobenzene
Concen: 50.767 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

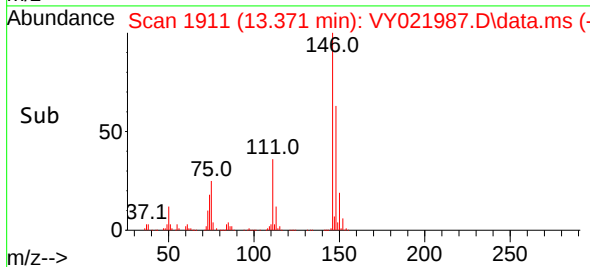
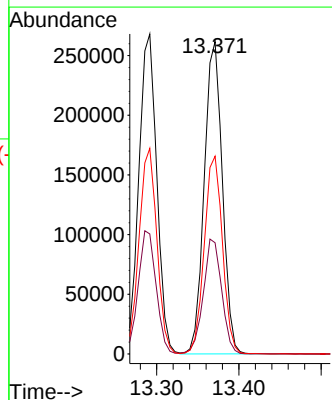
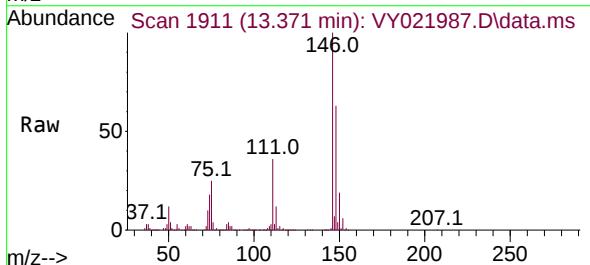
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

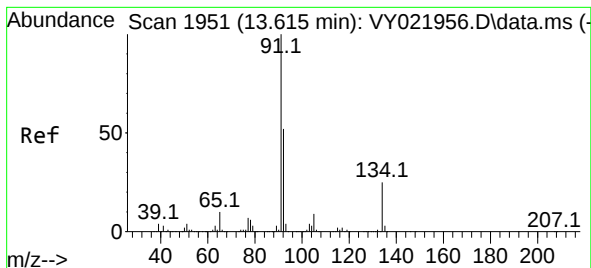
Tgt Ion:146 Resp: 407732
Ion Ratio Lower Upper
146 100
111 38.6 19.1 57.5
148 63.9 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 50.247 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion:146 Resp: 399676
Ion Ratio Lower Upper
146 100
111 37.2 19.2 57.6
148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 53.272 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

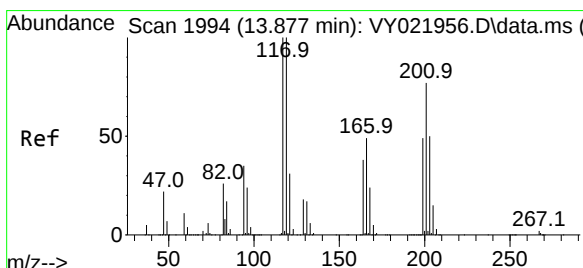
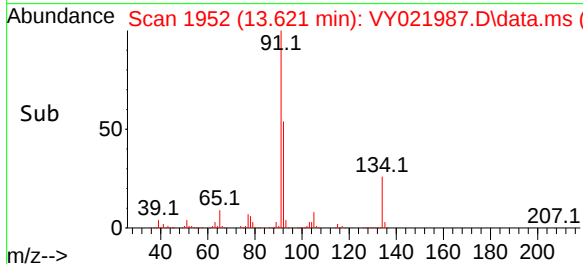
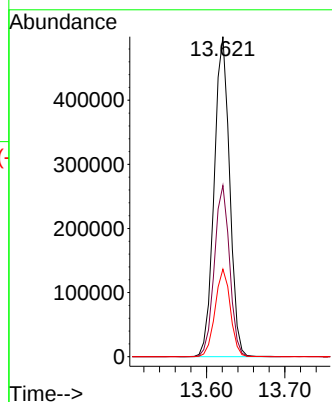
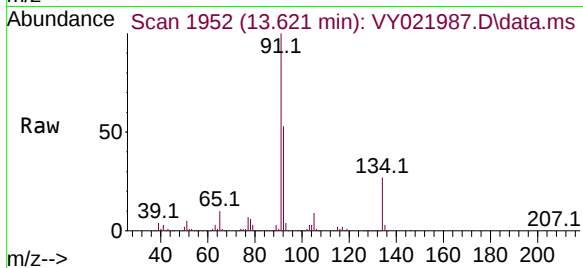
Tgt Ion: 91 Resp: 684204

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

134 27.0 13.4 40.1



#90

Hexachloroethane

Concen: 49.304 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021987.D

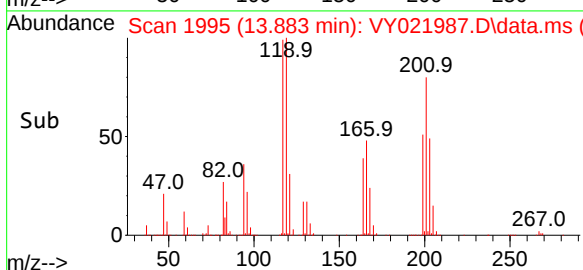
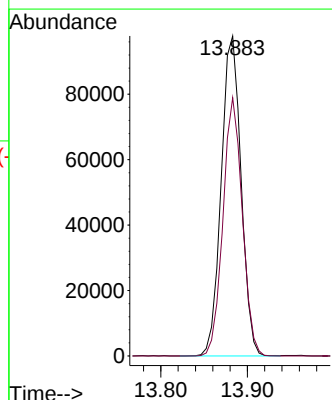
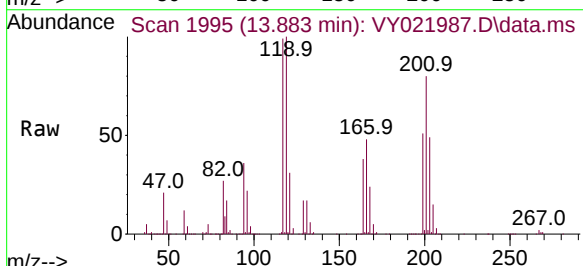
Acq: 24 Apr 2025 08:31

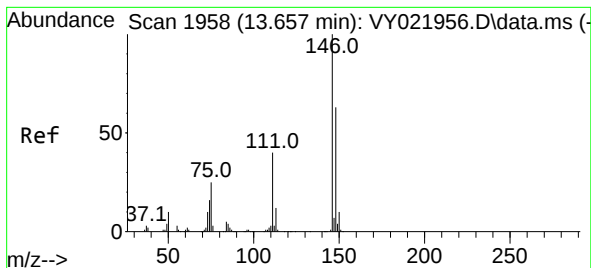
Tgt Ion: 117 Resp: 155655

Ion Ratio Lower Upper

117 100

201 78.4 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 50.795 ug/l

RT: 13.664 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

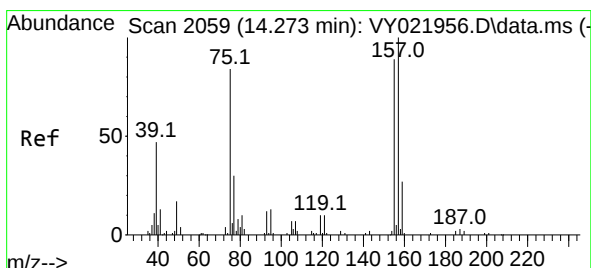
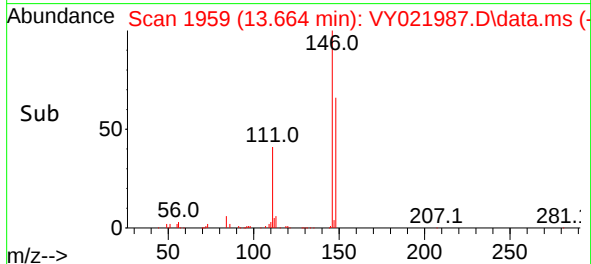
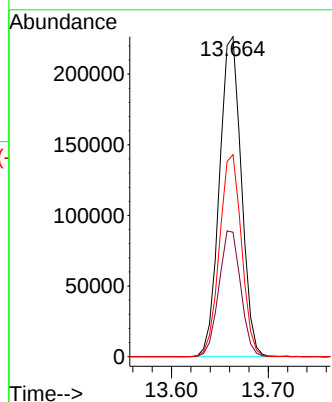
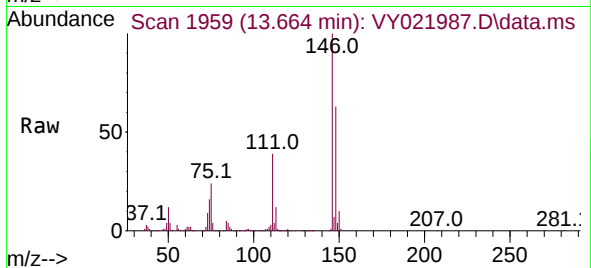
Tgt Ion:146 Resp: 355814

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

148 63.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.648 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

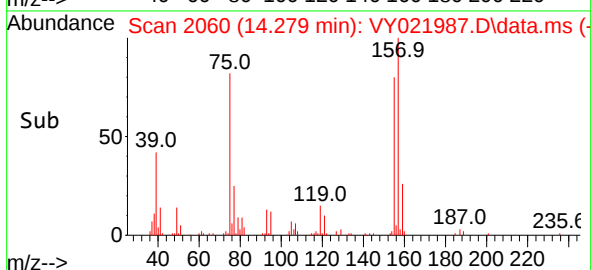
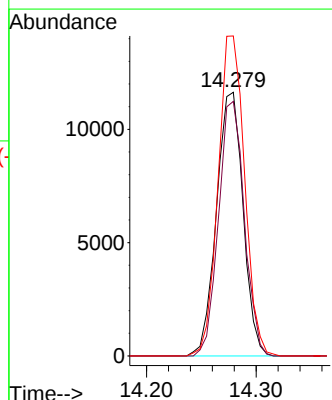
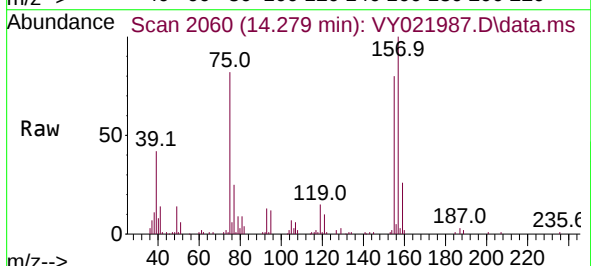
Tgt Ion: 75 Resp: 19581

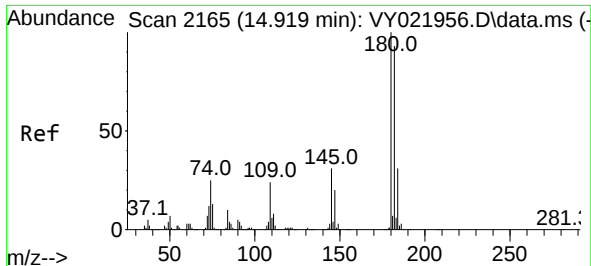
Ion Ratio Lower Upper

75 100

155 93.4 50.7 152.3

157 121.0 62.6 187.8

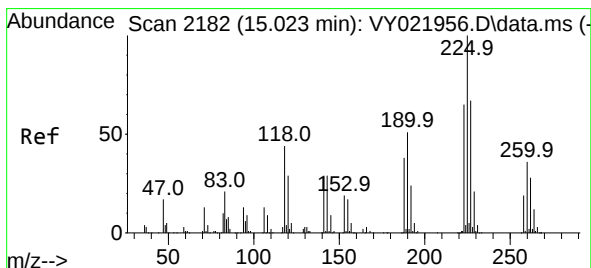
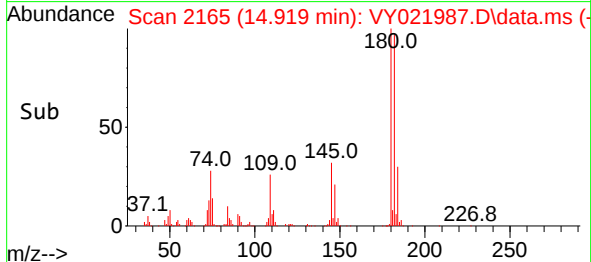
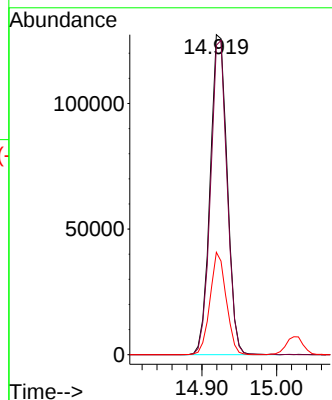
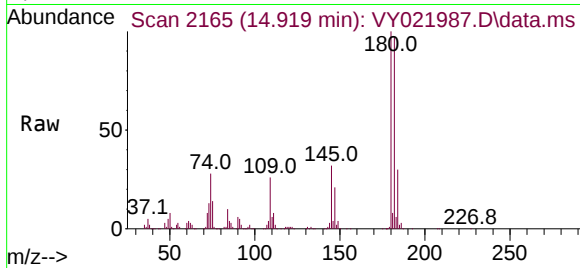




#93
1,2,4-Trichlorobenzene
Concen: 50.753 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

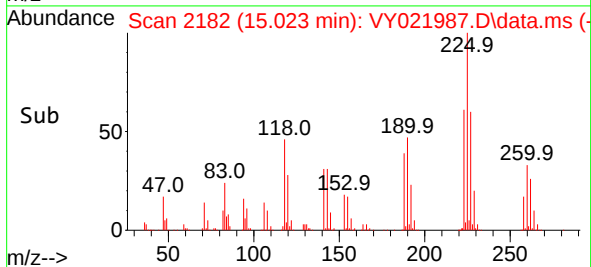
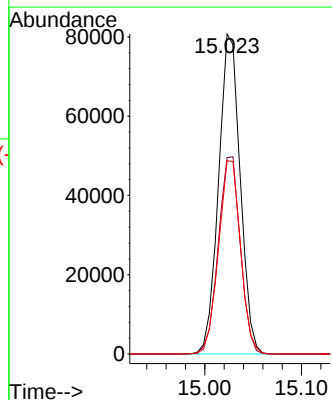
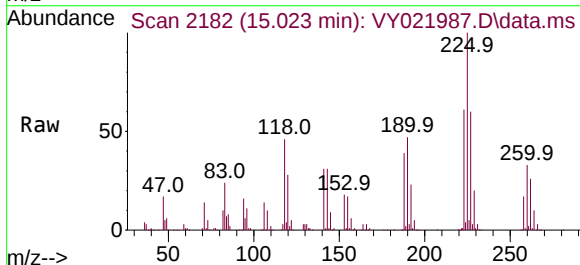
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

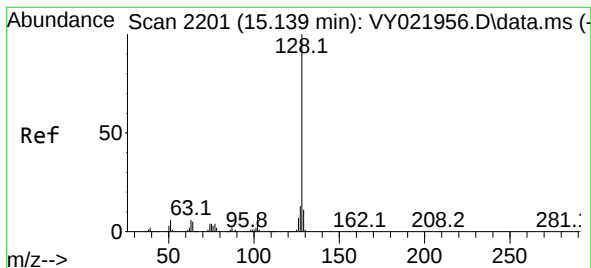
Tgt Ion:180 Resp: 201463
Ion Ratio Lower Upper
180 100
182 95.2 47.1 141.4
145 30.3 15.0 45.0



#94
Hexachlorobutadiene
Concen: 51.182 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY021987.D
Acq: 24 Apr 2025 08:31

Tgt Ion:225 Resp: 125002
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.5
227 61.5 32.3 96.9





#95

Naphthalene

Concen: 50.662 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

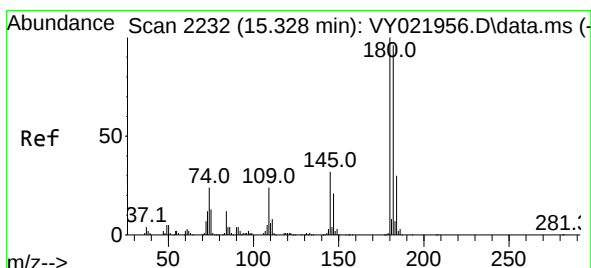
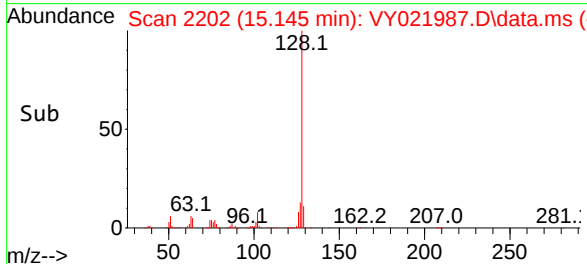
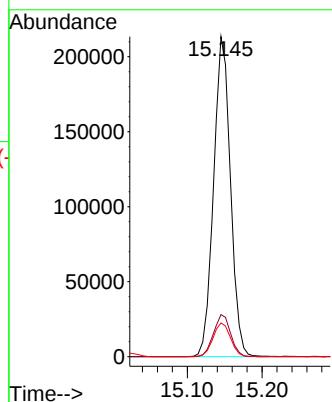
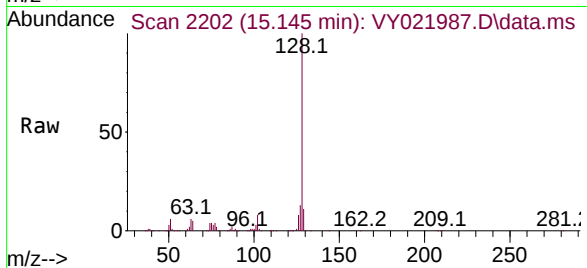
Tgt Ion:128 Resp: 334069

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 50.897 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021987.D

Acq: 24 Apr 2025 08:31

Tgt Ion:180 Resp: 174397

Ion Ratio Lower Upper

180 100

182 94.6 48.1 144.4

145 31.3 16.0 48.0

