

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021424.D
 Acq On : 05 Mar 2025 19:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 06 02:59:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	206899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	344536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	311231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	162000	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122597	56.062	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.120%	
35) Dibromofluoromethane	7.634	113	114109	50.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.780%	
50) Toluene-d8	10.109	98	432060	50.387	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	12.408	95	153247	52.539	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	78272	41.225	ug/l	100
3) Chloromethane	2.068	50	128238	47.907	ug/l	98
4) Vinyl Chloride	2.202	62	138134	47.222	ug/l	97
5) Bromomethane	2.592	94	98178	46.438	ug/l	93
6) Chloroethane	2.732	64	96793	50.071	ug/l	100
7) Trichlorofluoromethane	3.056	101	182169	44.617	ug/l	96
8) Diethyl Ether	3.458	74	56421	49.864	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	97743	41.929	ug/l	99
10) Methyl Iodide	4.007	142	117229	49.472	ug/l	99
11) Tert butyl alcohol	4.872	59	38317	271.427	ug/l	100
12) 1,1-Dichloroethene	3.793	96	93406	43.950	ug/l	99
13) Acrolein	3.653	56	5389	48.450	ug/l	89
14) Allyl chloride	4.385	41	164572	47.916	ug/l	99
15) Acrylonitrile	5.061	53	129680	269.229	ug/l	99
16) Acetone	3.873	43	97474	204.365	ug/l	91
17) Carbon Disulfide	4.104	76	309832	46.517	ug/l	100
18) Methyl Acetate	4.391	43	61176	57.807	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	278283	51.661	ug/l	99
20) Methylene Chloride	4.616	84	114700	45.813	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	112609	47.312	ug/l	95
22) Diisopropyl ether	6.018	45	380567	51.415	ug/l	99
23) Vinyl Acetate	5.957	43	1121466	265.480	ug/l	99
24) 1,1-Dichloroethane	5.921	63	213111	48.783	ug/l	99
25) 2-Butanone	6.896	43	167767	254.277	ug/l	100
26) 2,2-Dichloropropane	6.884	77	156671	38.977	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	134181	49.624	ug/l	96
28) Bromochloromethane	7.244	49	99237	54.184	ug/l	99
29) Tetrahydrofuran	7.262	42	114330	280.692	ug/l	99
30) Chloroform	7.421	83	220507	48.609	ug/l	99
31) Cyclohexane	7.701	56	168619	41.171	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	190523	45.870	ug/l	99
36) 1,1-Dichloropropene	7.835	75	153203	43.217	ug/l	98
37) Ethyl Acetate	6.982	43	79262	50.588	ug/l	100
38) Carbon Tetrachloride	7.817	117	169759	41.639	ug/l	99
39) Methylcyclohexane	9.109	83	176131	40.506	ug/l	99
40) Benzene	8.079	78	473709	45.363	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	39832	46.689	ug/l #	92
42) 1,2-Dichloroethane	8.158	62	138707	47.480	ug/l	100
43) Isopropyl Acetate	8.201	43	152389	50.102	ug/l #	88
44) Trichloroethene	8.866	130	114863	43.528	ug/l	98
45) 1,2-Dichloropropane	9.140	63	114437	46.045	ug/l	97
46) Dibromomethane	9.231	93	67148	48.557	ug/l	98
47) Bromodichloromethane	9.426	83	171837	46.791	ug/l	99
48) Methyl methacrylate	9.219	41	72041	51.580	ug/l	99
49) 1,4-Dioxane	9.231	88	13970	1029.223	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	416524	265.410	ug/l	100
52) Toluene	10.170	92	302128	45.891	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	149857	46.316	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	174543	45.437	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	88301	48.814	ug/l	98
56) Ethyl methacrylate	10.438	69	121555	52.689	ug/l	99
57) 1,3-Dichloropropane	10.719	76	151743	48.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	281106	263.953	ug/l	99
59) 2-Hexanone	10.762	43	276866	266.807	ug/l	99
60) Dibromochloromethane	10.914	129	118624	47.834	ug/l	99
61) 1,2-Dibromoethane	11.018	107	82806	48.502	ug/l	99
64) Tetrachloroethene	10.646	164	105570	41.714	ug/l	98
65) Chlorobenzene	11.444	112	326536	44.429	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	115191	44.331	ug/l	99
67) Ethyl Benzene	11.517	91	564717	43.777	ug/l	99
68) m/p-Xylenes	11.627	106	432540	88.319	ug/l	99
69) o-Xylene	11.956	106	203062	44.988	ug/l	99
70) Styrene	11.969	104	348657	46.562	ug/l	100
71) Bromoform	12.133	173	69176	47.624	ug/l	99
73) Isopropylbenzene	12.255	105	524312	41.086	ug/l	100
74) N-amyl acetate	12.072	43	134222	48.431	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	102872	45.682	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	132550	81.197	ug/l #	100
77) Bromobenzene	12.529	156	126126	42.247	ug/l	98
78) n-propylbenzene	12.597	91	637347	41.124	ug/l	100
79) 2-Chlorotoluene	12.682	91	374463	42.256	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	431291	41.588	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	31174	43.412	ug/l	98
82) 4-Chlorotoluene	12.779	91	383884	41.833	ug/l	100
83) tert-Butylbenzene	12.999	119	383975	41.504	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	433013	42.054	ug/l	100
85) sec-Butylbenzene	13.176	105	550455	39.990	ug/l	98
86) p-Isopropyltoluene	13.292	119	466005	41.093	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	242510	40.808	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	238560	41.047	ug/l	100
89) n-Butylbenzene	13.621	91	422729	40.369	ug/l	99
90) Hexachloroethane	13.883	117	97432	40.274	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	218928	42.982	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	15643	46.373	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	113576	40.825	ug/l	98
94) Hexachlorobutadiene	15.023	225	68584	39.328	ug/l	99
95) Naphthalene	15.145	128	210888	45.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	100049	42.759	ug/l	99

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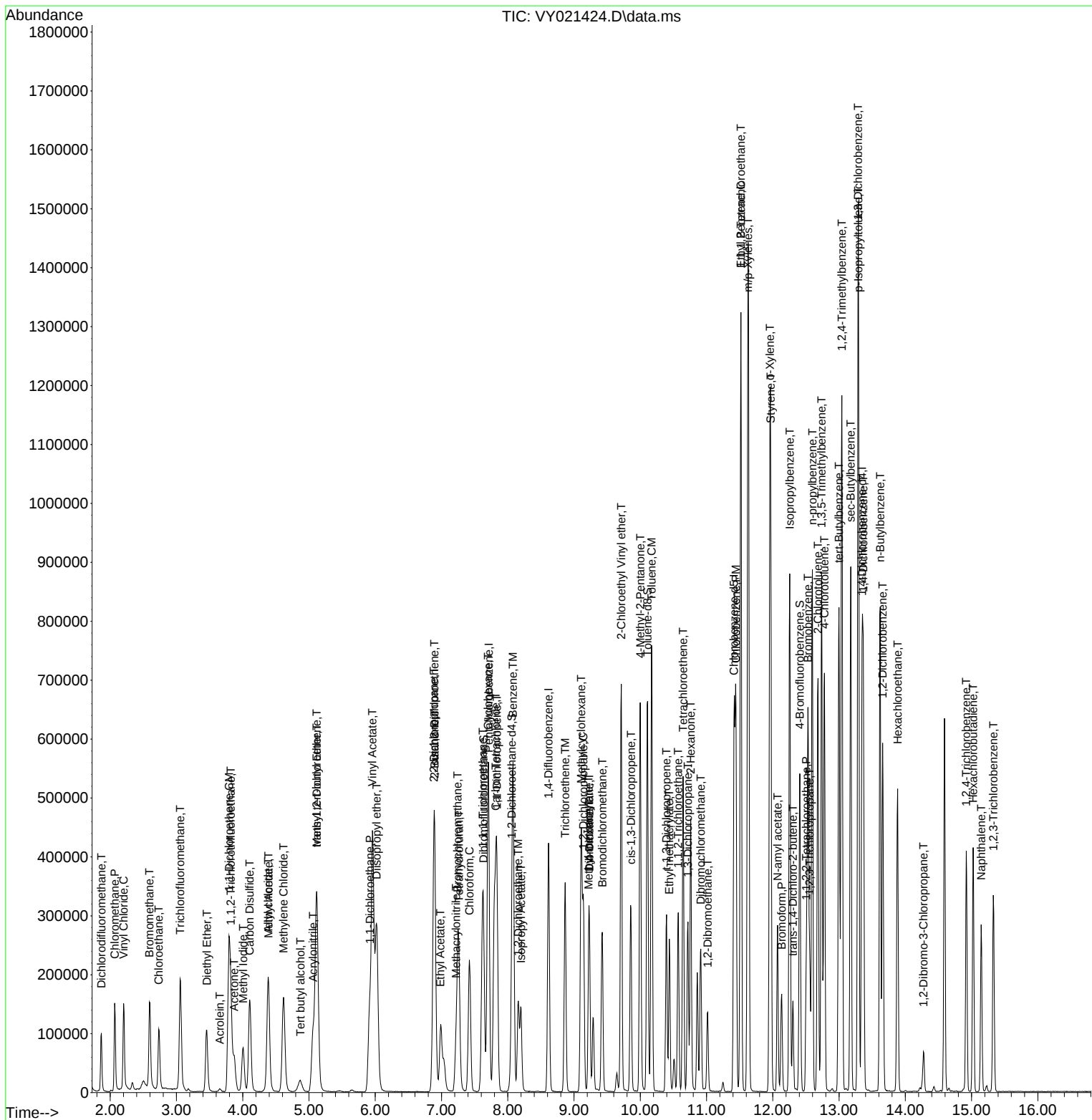
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

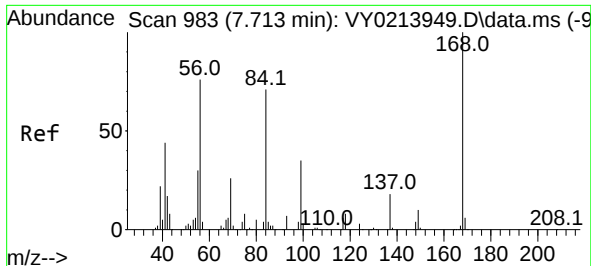
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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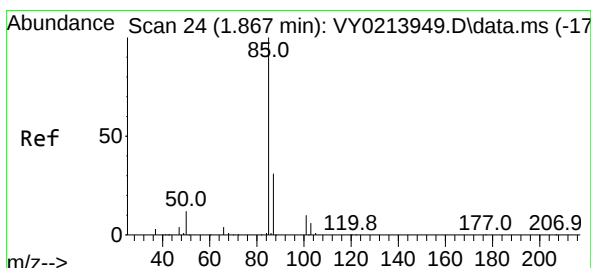
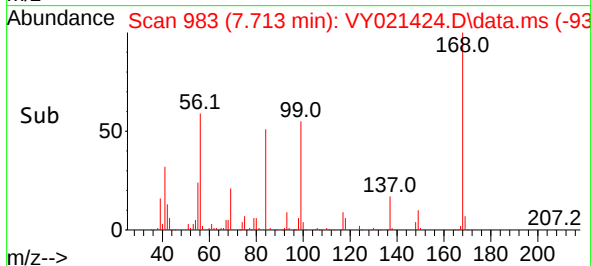
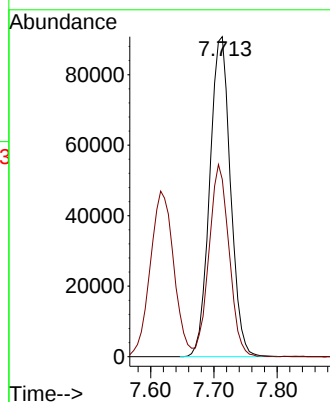
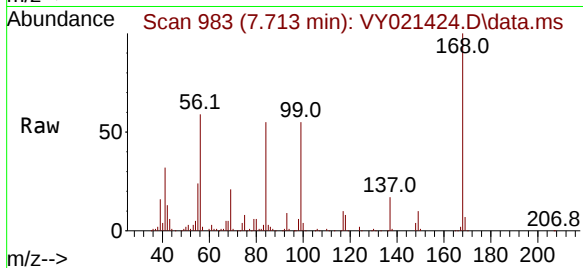




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
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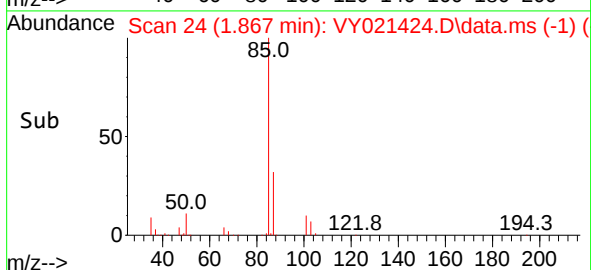
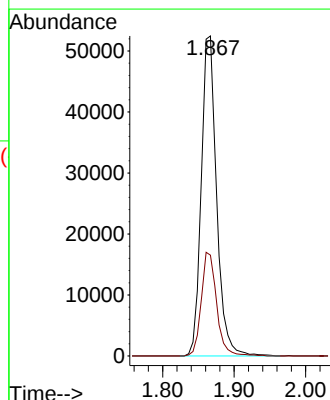
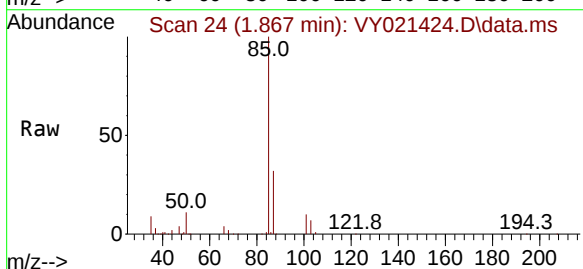
Instrument :
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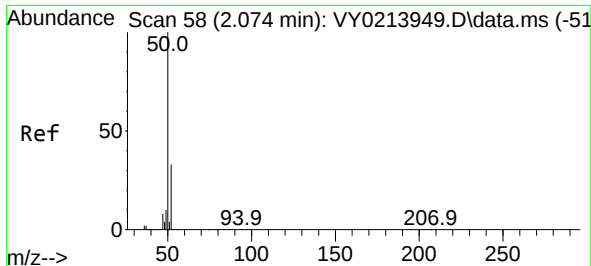
Tgt Ion:168 Resp: 206899
Ion Ratio Lower Upper
168 100
99 55.3 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 41.225 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 85 Resp: 78272
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.0

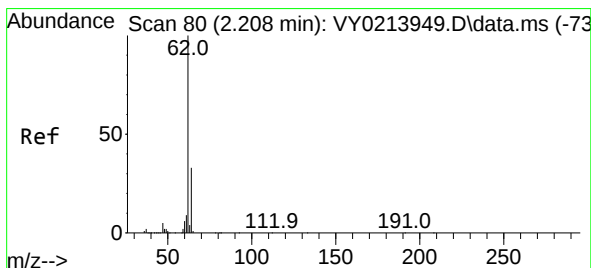
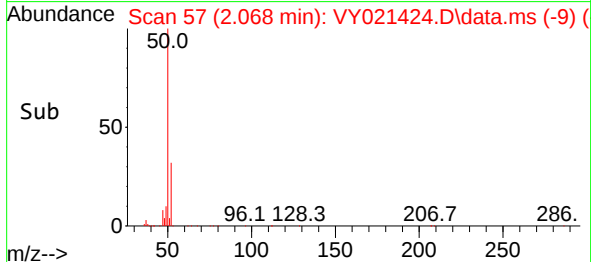
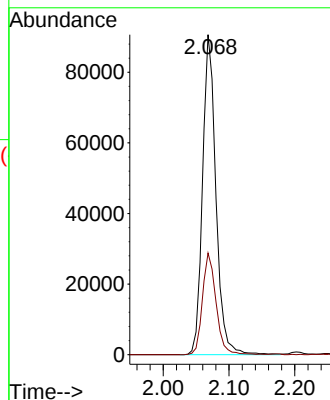
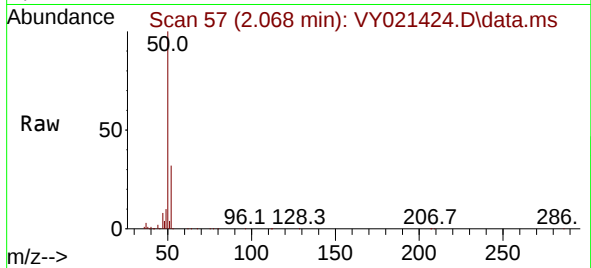




#3
Chloromethane
Concen: 47.907 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

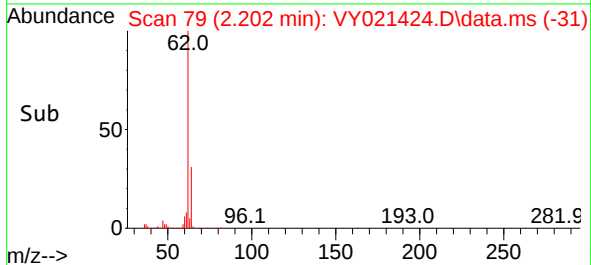
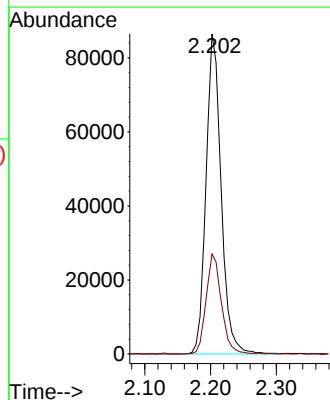
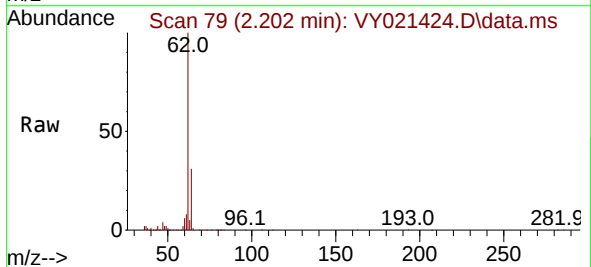
Instrument :
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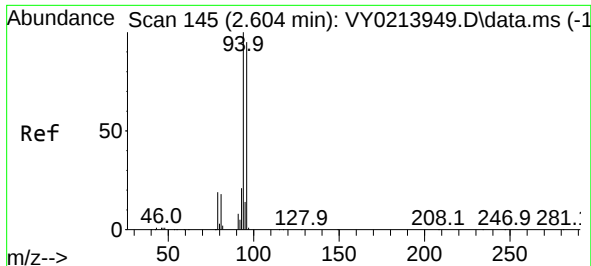
Tgt Ion: 50 Resp: 128238
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.2



#4
Vinyl Chloride
Concen: 47.222 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 62 Resp: 138134
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2

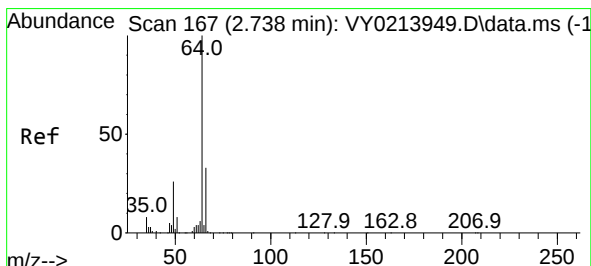
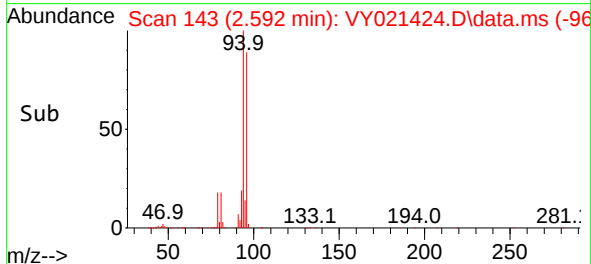
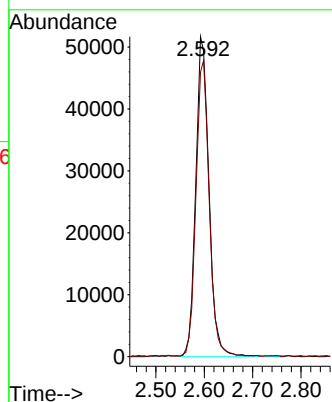
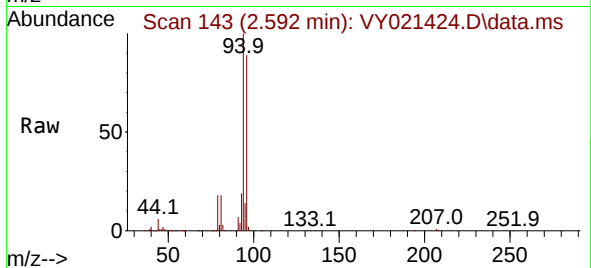




#5
Bromomethane
Concen: 46.438 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

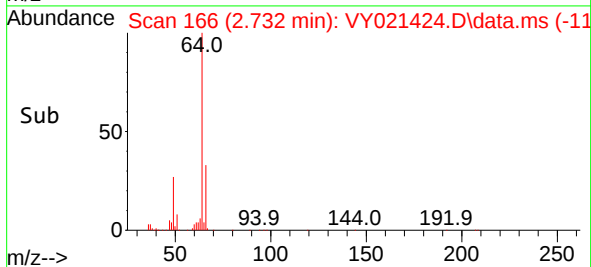
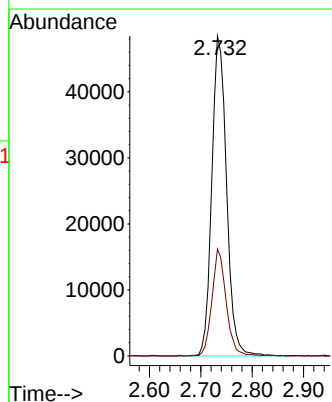
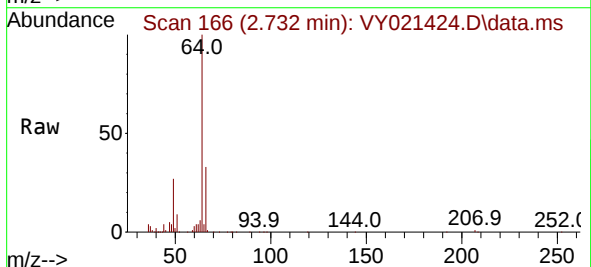
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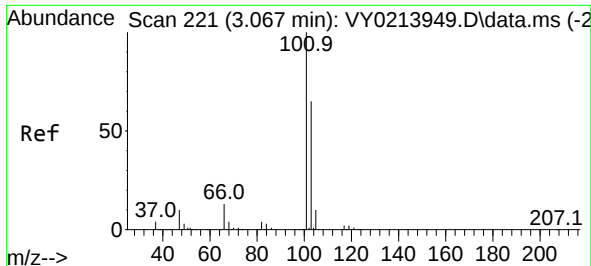
Tgt Ion: 94 Resp: 98178
Ion Ratio Lower Upper
94 100
96 88.8 76.3 114.5



#6
Chloroethane
Concen: 50.071 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 64 Resp: 96793
Ion Ratio Lower Upper
64 100
66 33.3 26.7 40.1

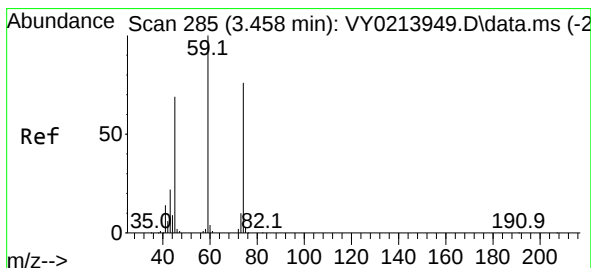
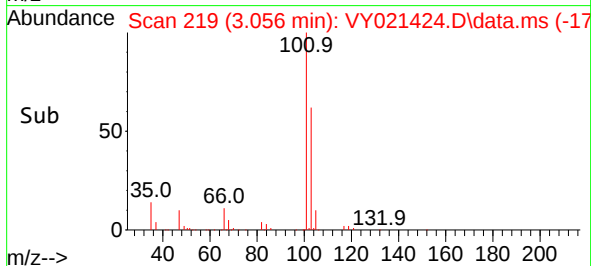
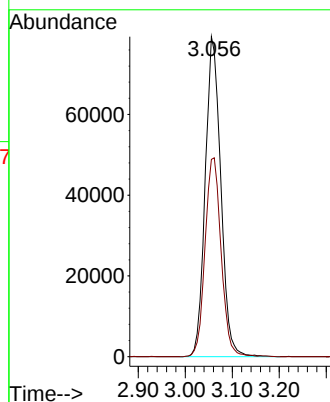
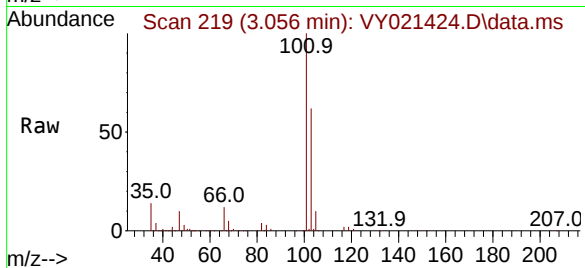




#7
Trichlorofluoromethane
Concen: 44.617 ug/l
RT: 3.056 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

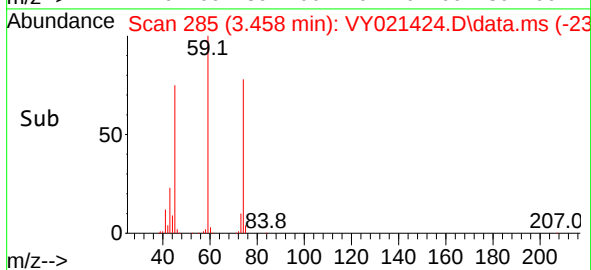
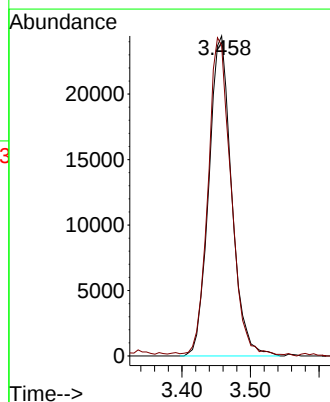
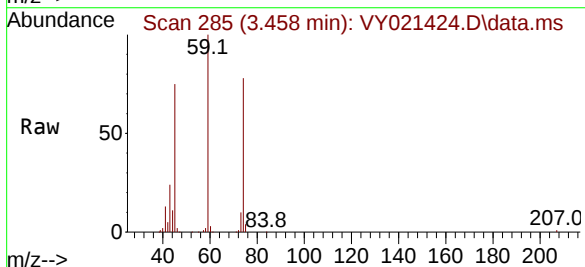
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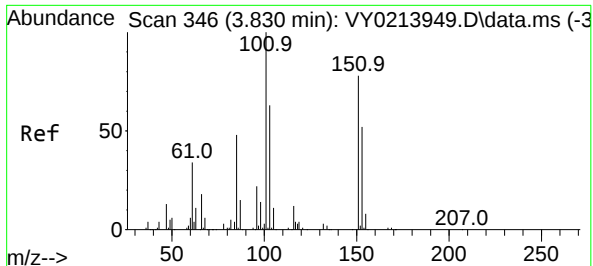
Tgt Ion:101 Resp: 182169
Ion Ratio Lower Upper
101 100
103 61.7 51.7 77.5



#8
Diethyl Ether
Concen: 49.864 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 74 Resp: 56421
Ion Ratio Lower Upper
74 100
45 99.1 49.7 149.1

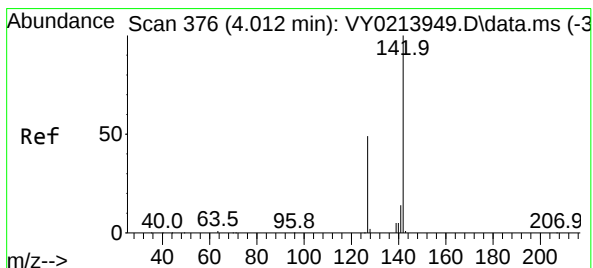
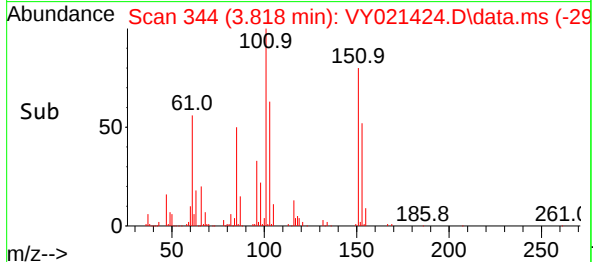
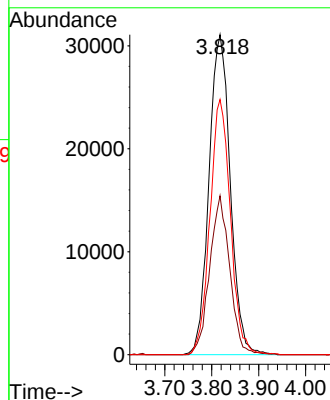
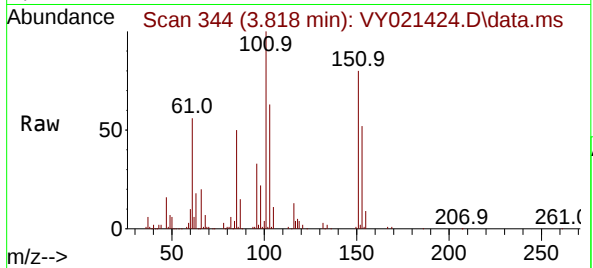




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.929 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

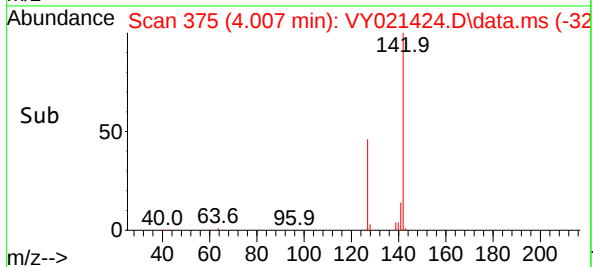
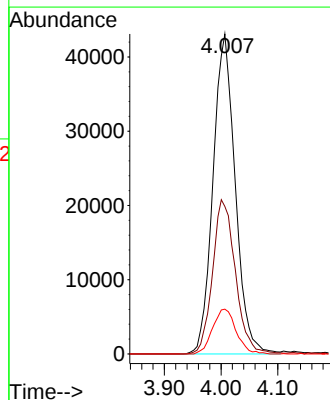
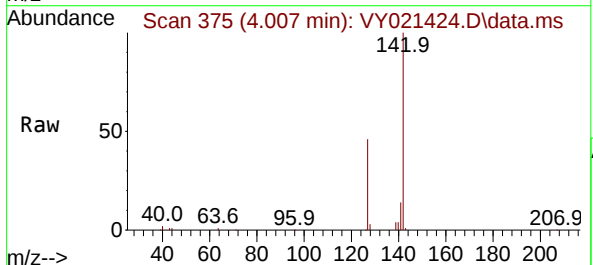
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

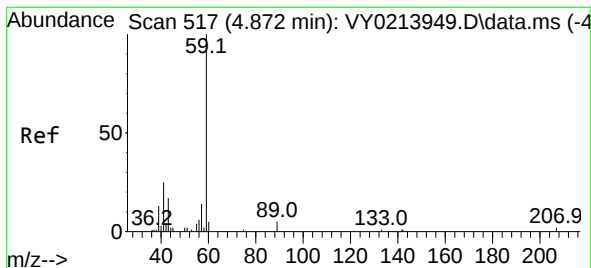
Tgt Ion:101 Resp: 97743
Ion Ratio Lower Upper
101 100
85 46.9 37.1 55.7
151 76.9 62.1 93.1



#10
Methyl Iodide
Concen: 49.472 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion:142 Resp: 117229
Ion Ratio Lower Upper
142 100
127 49.6 39.1 58.7
141 14.8 11.8 17.6





#11

Tert butyl alcohol

Concen: 271.427 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

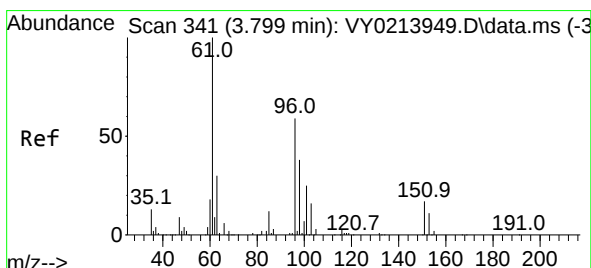
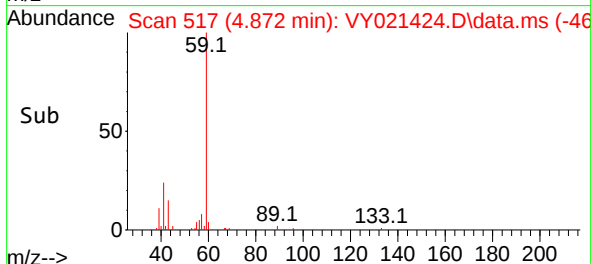
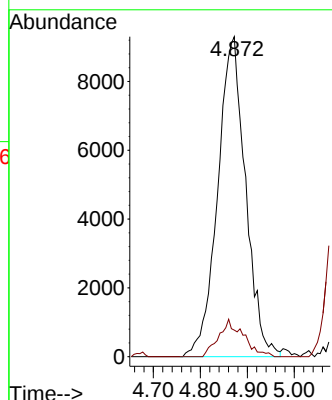
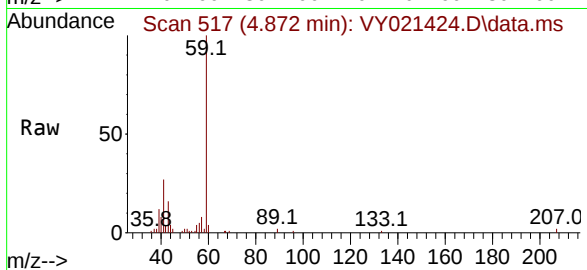
VSTDCCC050EC

Tgt Ion: 59 Resp: 38317

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.4



#12

1,1-Dichloroethene

Concen: 43.950 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

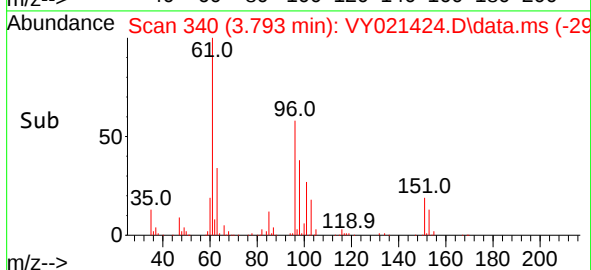
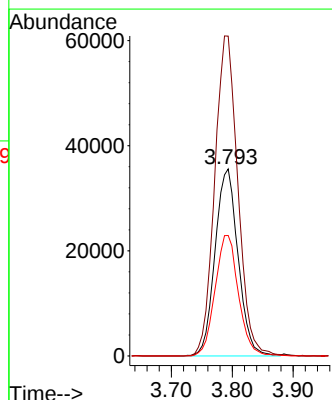
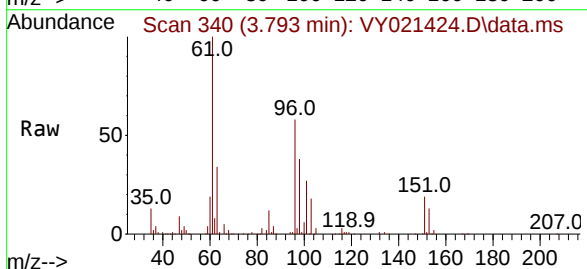
Tgt Ion: 96 Resp: 93406

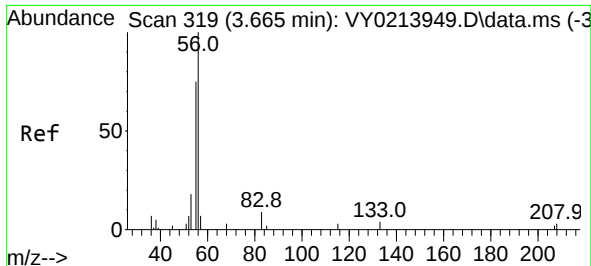
Ion Ratio Lower Upper

96 100

61 171.0 135.2 202.8

98 64.4 51.4 77.2

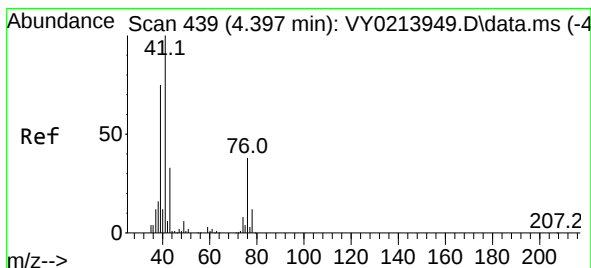
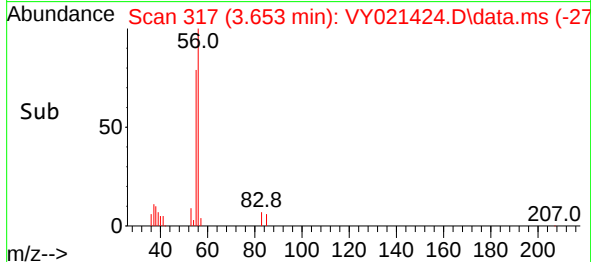
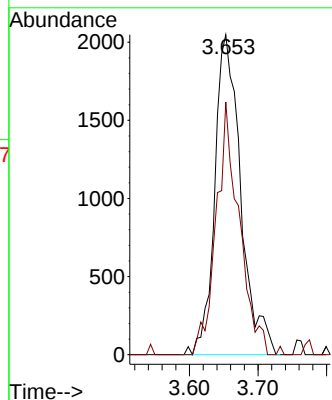
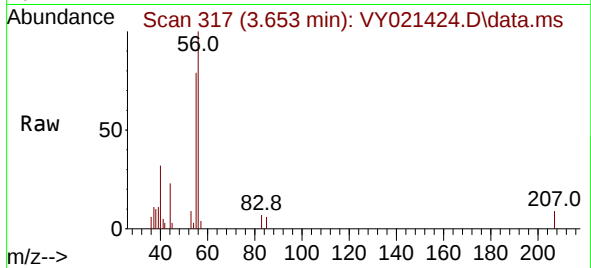




#13
Acrolein
Concen: 48.450 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

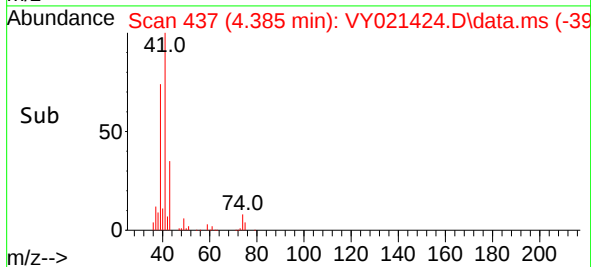
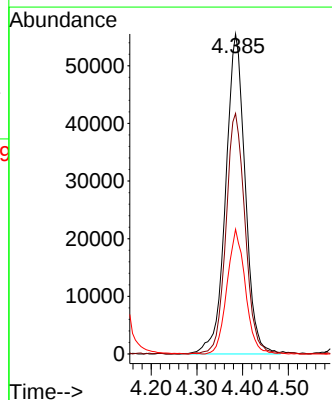
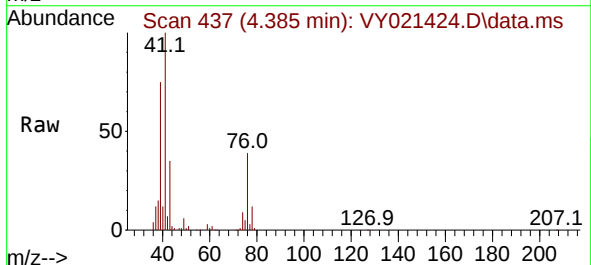
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

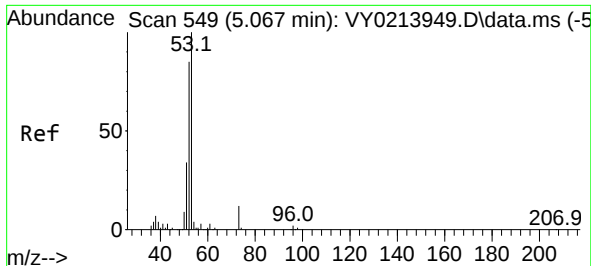
Tgt Ion: 56 Resp: 5389
Ion Ratio Lower Upper
56 100
55 69.8 63.4 95.2



#14
Allyl chloride
Concen: 47.916 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 41 Resp: 164572
Ion Ratio Lower Upper
41 100
39 73.8 59.3 88.9
76 36.6 29.8 44.8

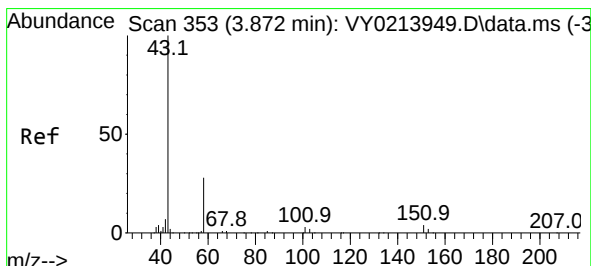
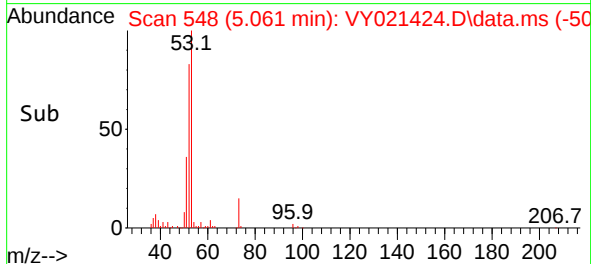
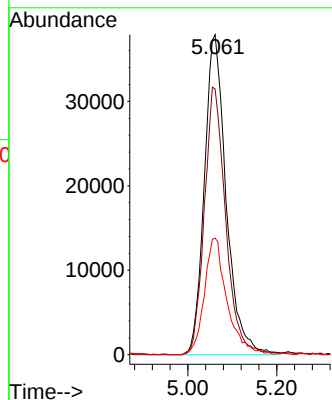
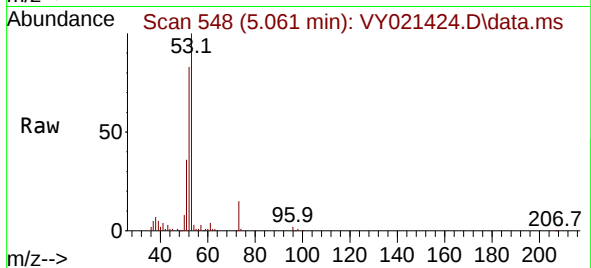




#15
Acrylonitrile
Concen: 269.229 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

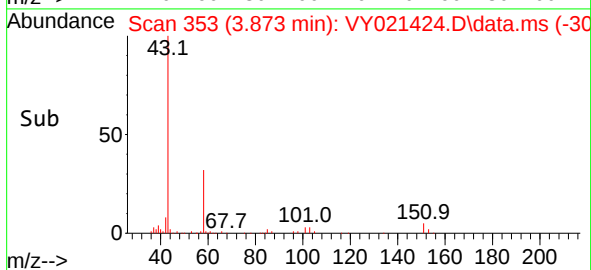
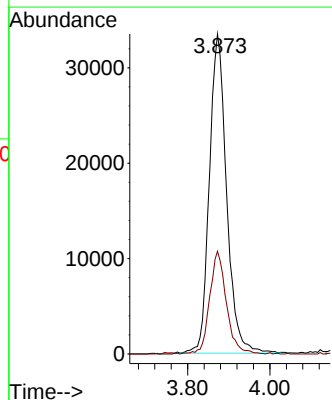
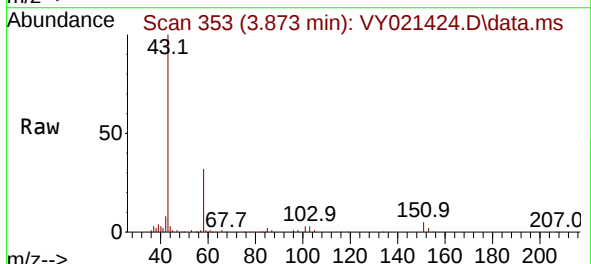
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

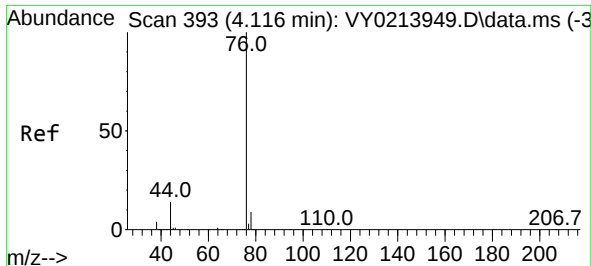
Tgt Ion: 53 Resp: 129680
Ion Ratio Lower Upper
53 100
52 81.7 66.3 99.5
51 37.8 30.3 45.5



#16
Acetone
Concen: 204.365 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.001 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 43 Resp: 97474
Ion Ratio Lower Upper
43 100
58 32.2 22.1 33.1

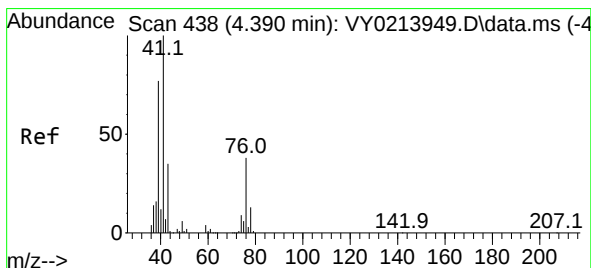
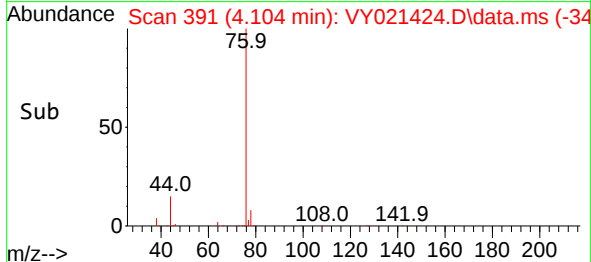
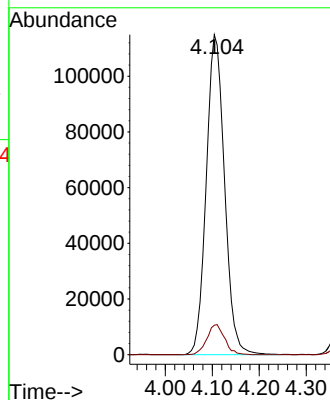
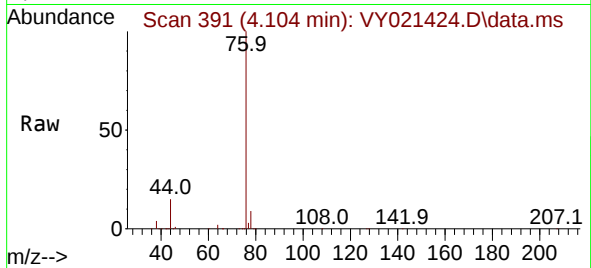




#17
Carbon Disulfide
Concen: 46.517 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

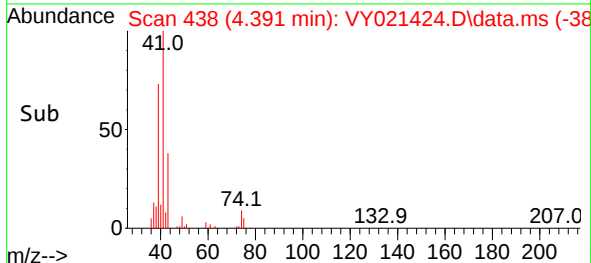
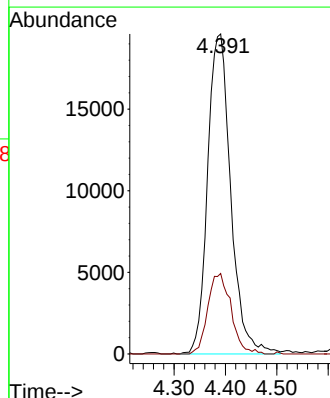
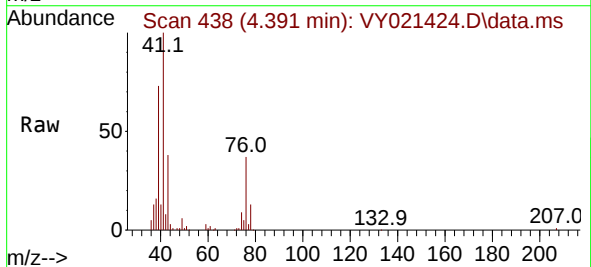
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

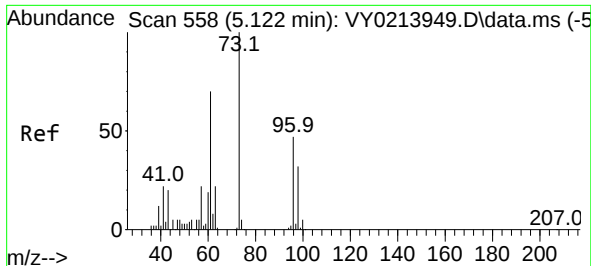
Tgt Ion: 76 Resp: 309832
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 57.807 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 43 Resp: 61176
Ion Ratio Lower Upper
43 100
74 25.2 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 51.661 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

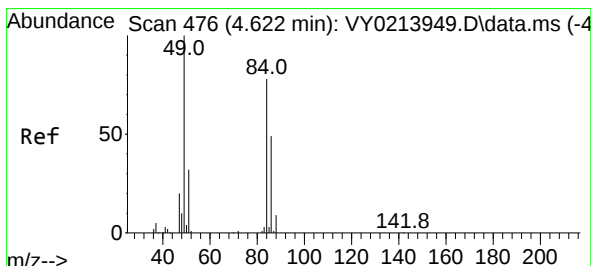
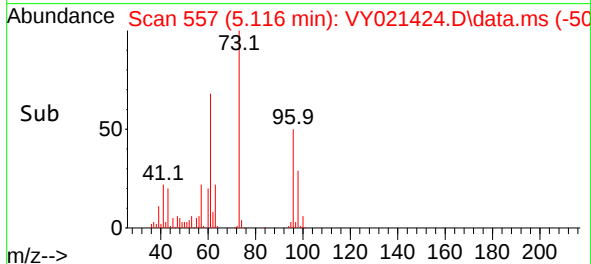
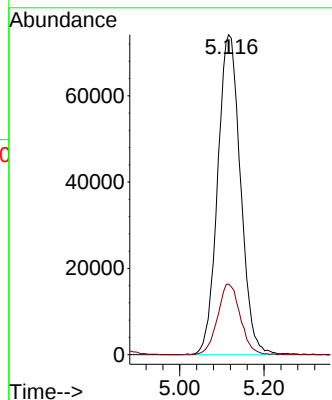
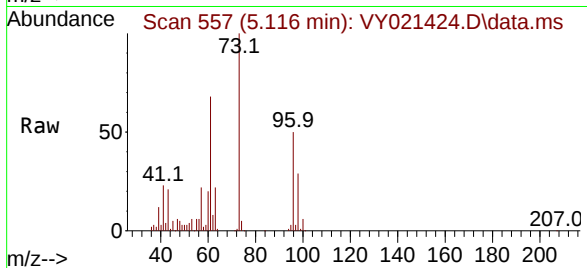
VSTDCCC050EC

Tgt Ion: 73 Resp: 278283

Ion Ratio Lower Upper

73 100

57 22.1 17.9 26.9



#20

Methylene Chloride

Concen: 45.813 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Tgt Ion: 84 Resp: 114700

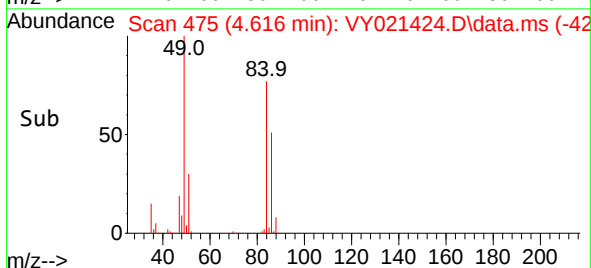
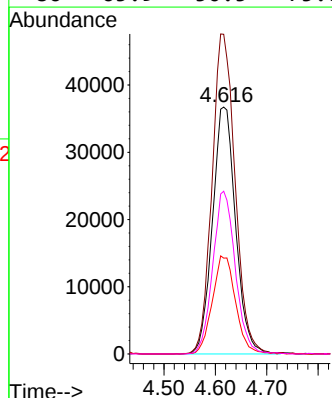
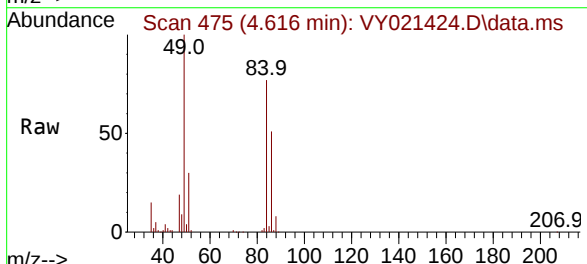
Ion Ratio Lower Upper

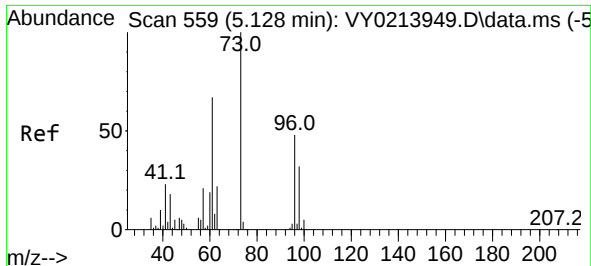
84 100

49 129.4 102.0 153.0

51 38.8 33.0 49.6

86 65.9 50.5 75.7

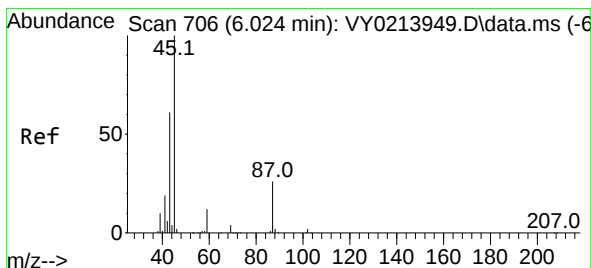
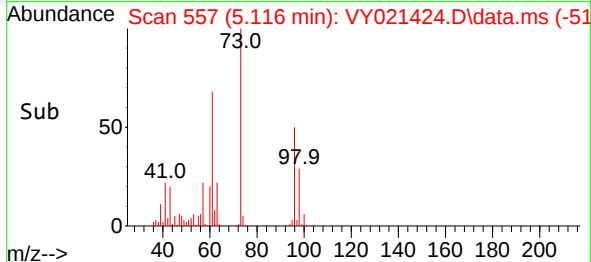
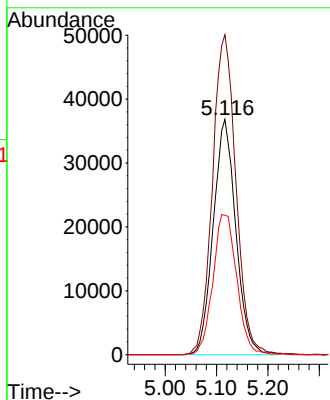
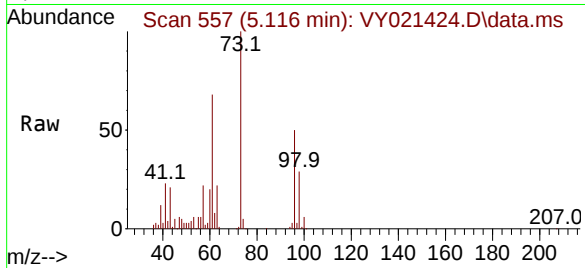




#21
trans-1,2-Dichloroethene
Concen: 47.312 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

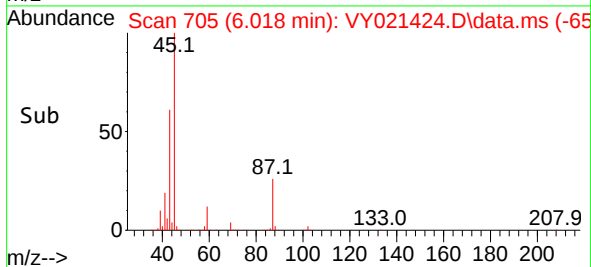
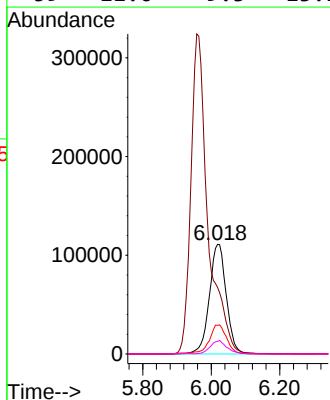
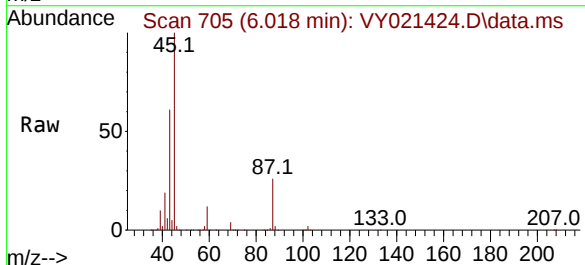
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

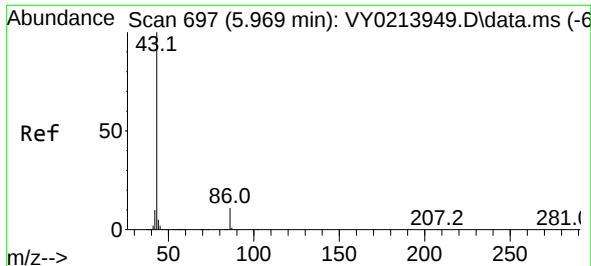
Tgt Ion: 96 Resp: 112609
Ion Ratio Lower Upper
96 100
61 136.1 111.5 167.3
98 59.4 53.8 80.8



#22
Diisopropyl ether
Concen: 51.415 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 45 Resp: 380567
Ion Ratio Lower Upper
45 100
43 60.5 48.7 73.1
87 26.2 21.5 32.3
59 11.6 9.3 13.9

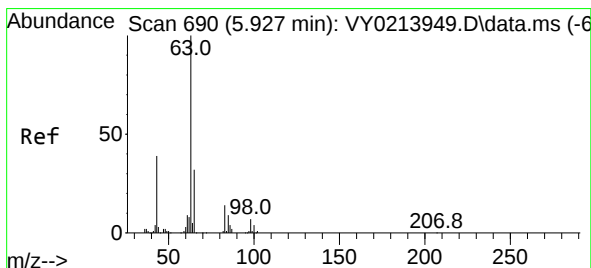
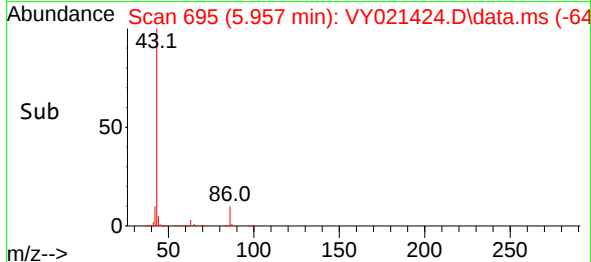
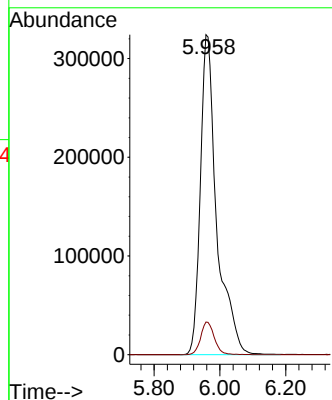
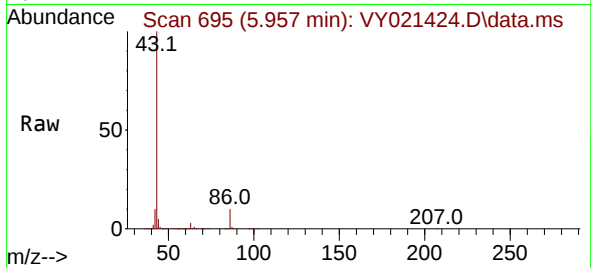




#23
 Vinyl Acetate
 Concen: 265.480 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

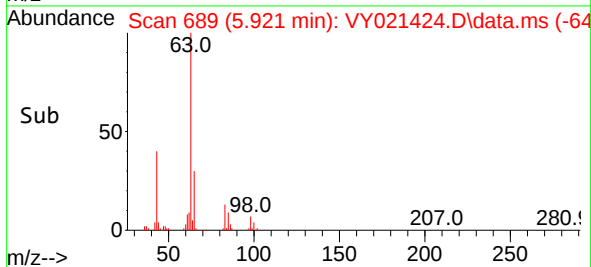
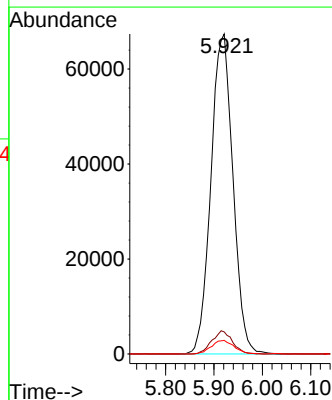
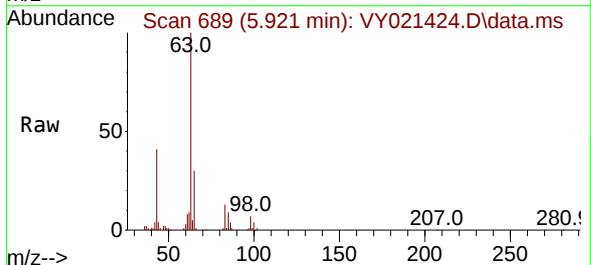
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

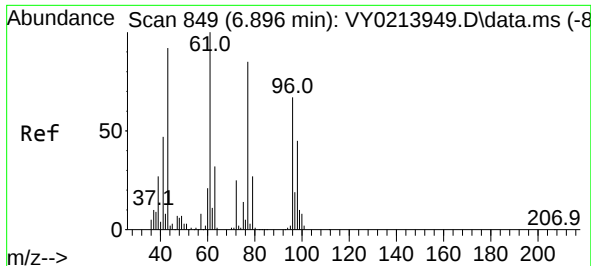
Tgt Ion: 43 Resp: 1121466
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 48.783 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

Tgt Ion: 63 Resp: 213111
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 254.277 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

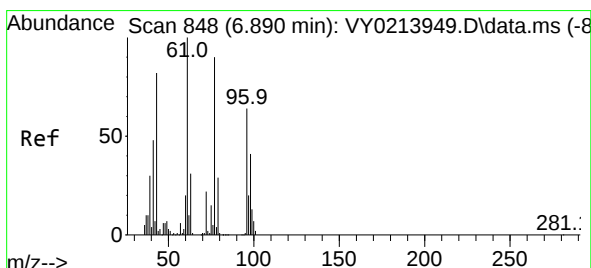
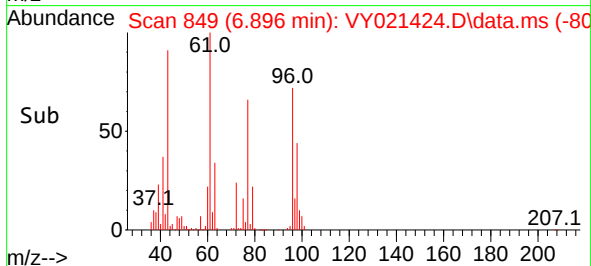
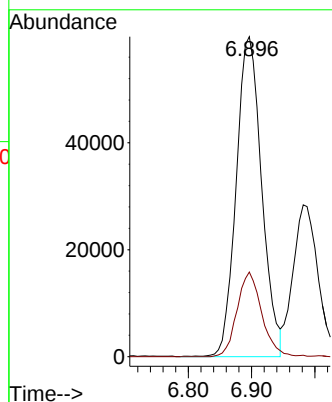
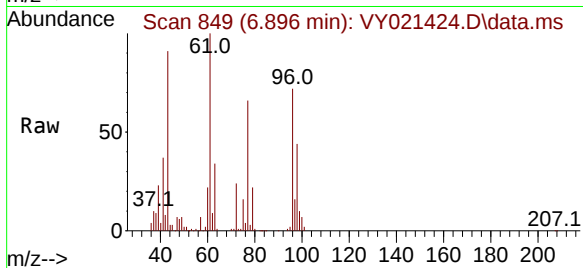
VSTDCCC050EC

Tgt Ion: 43 Resp: 167767

Ion Ratio Lower Upper

43 100

72 26.5 21.4 32.0



#26

2,2-Dichloropropane

Concen: 38.977 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021424.D

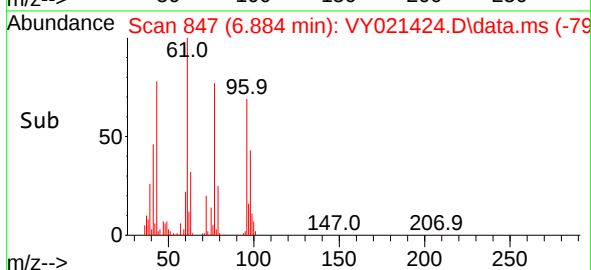
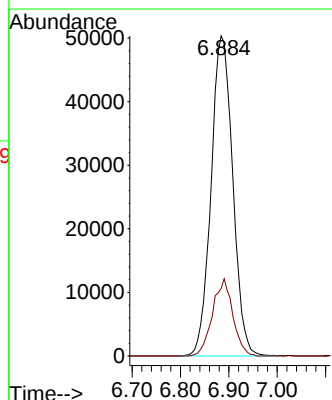
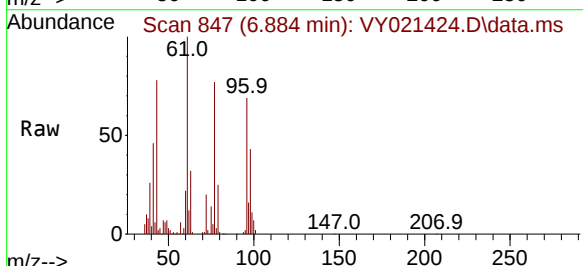
Acq: 05 Mar 2025 19:38

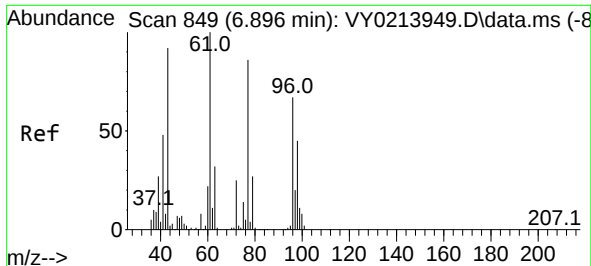
Tgt Ion: 77 Resp: 156671

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.8

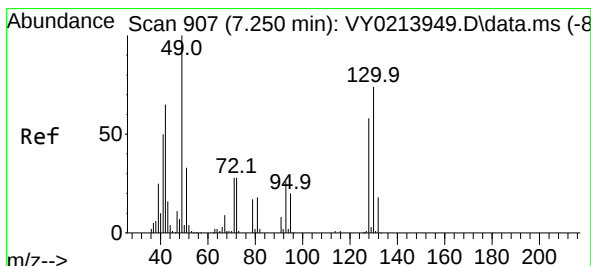
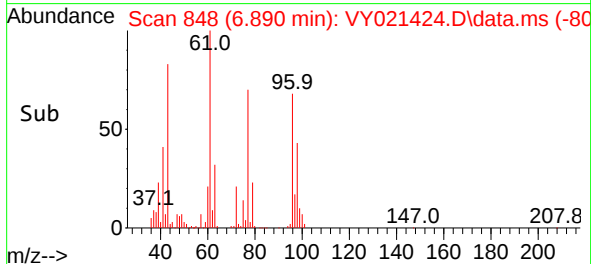
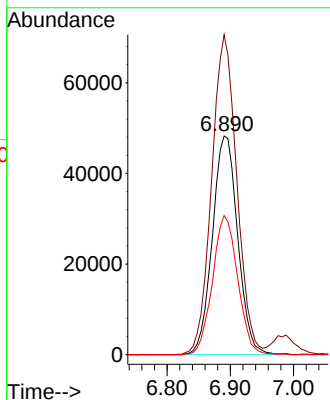
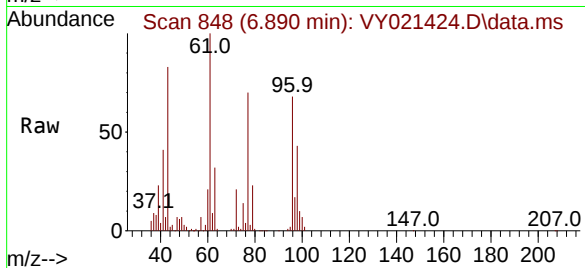




#27
 cis-1,2-Dichloroethene
 Concen: 49.624 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

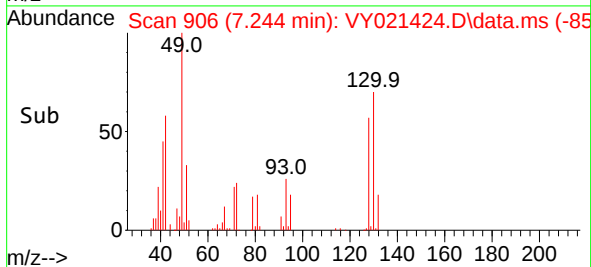
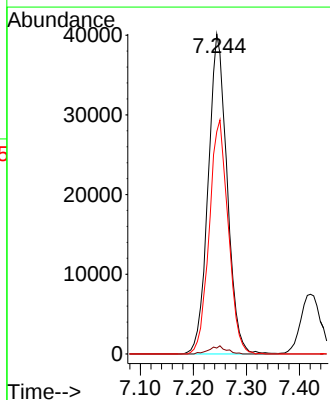
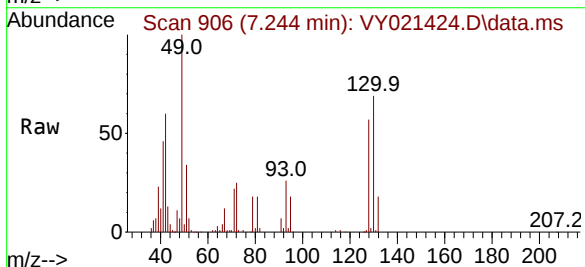
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

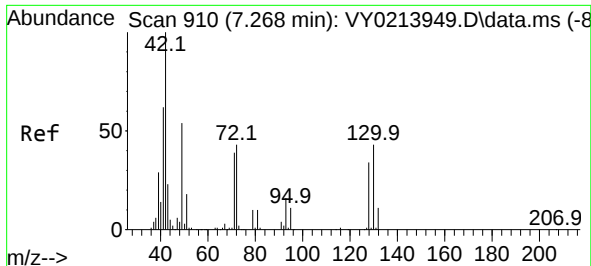
Tgt Ion: 96 Resp: 134181
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 300.8
 98 63.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 54.184 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

Tgt Ion: 49 Resp: 99237
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 73.4 59.6 89.4





#29

Tetrahydrofuran

Concen: 280.692 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

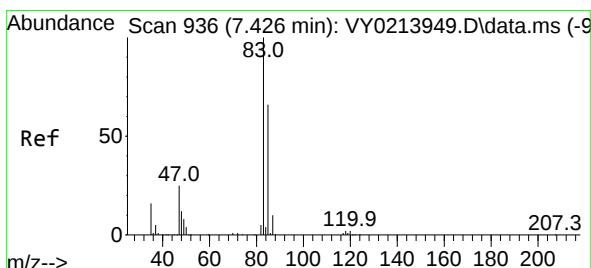
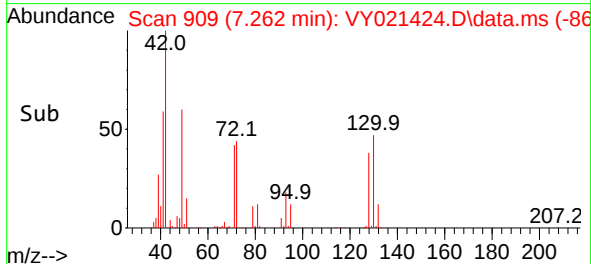
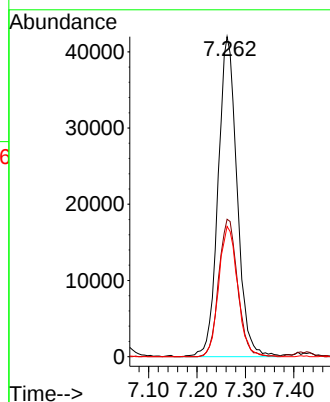
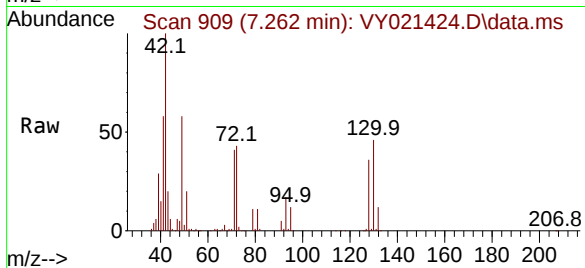
Tgt Ion: 42 Resp: 114330

Ion Ratio Lower Upper

42 100

72 42.8 34.8 52.2

71 40.6 32.6 48.8



#30

Chloroform

Concen: 48.609 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021424.D

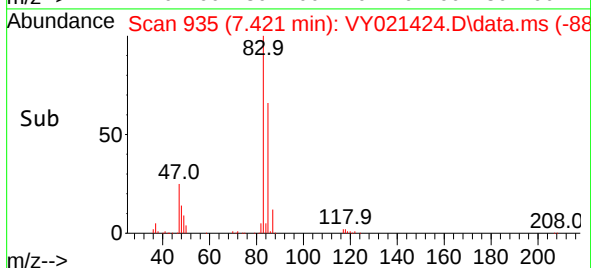
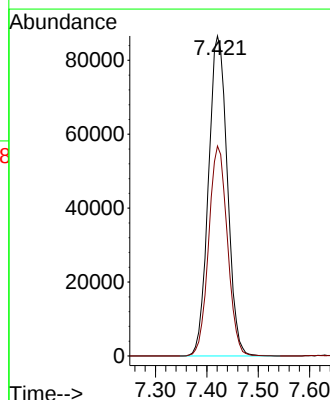
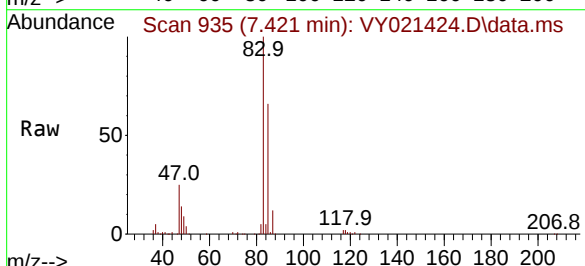
Acq: 05 Mar 2025 19:38

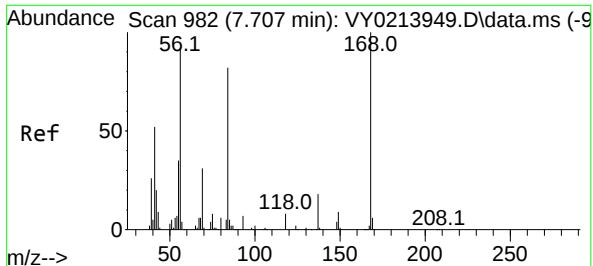
Tgt Ion: 83 Resp: 220507

Ion Ratio Lower Upper

83 100

85 65.6 53.1 79.7

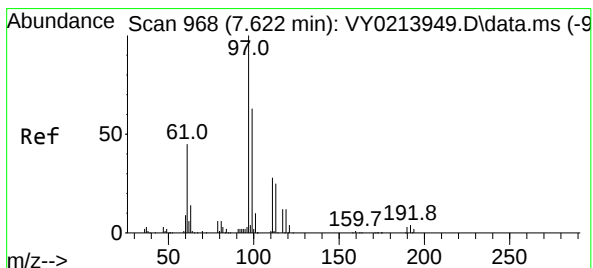
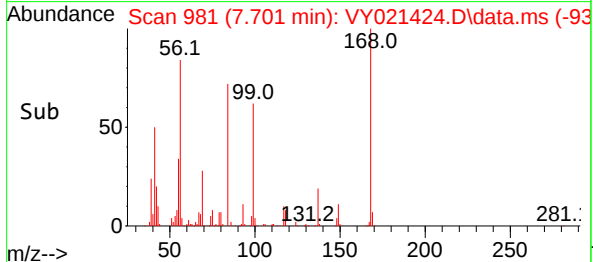
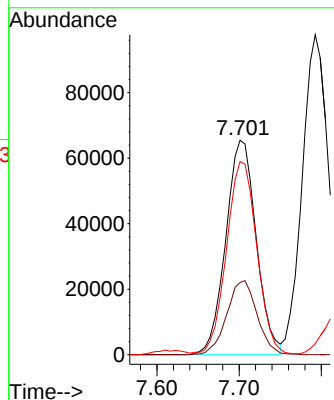
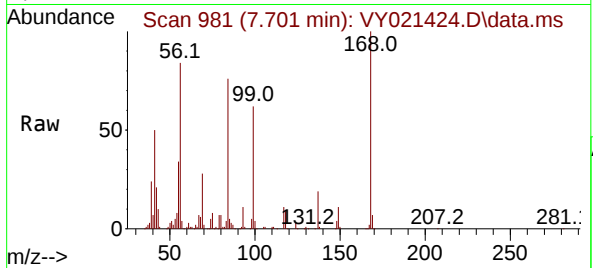




#31
Cyclohexane
Concen: 41.171 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

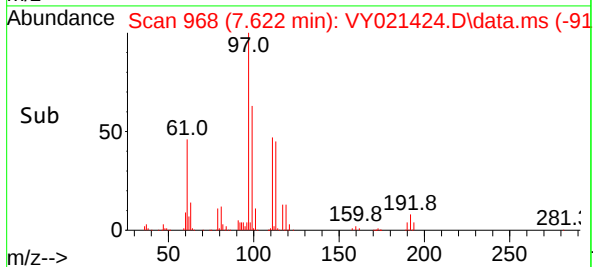
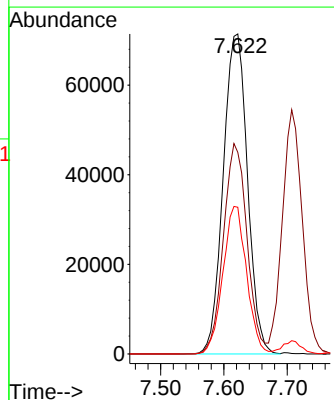
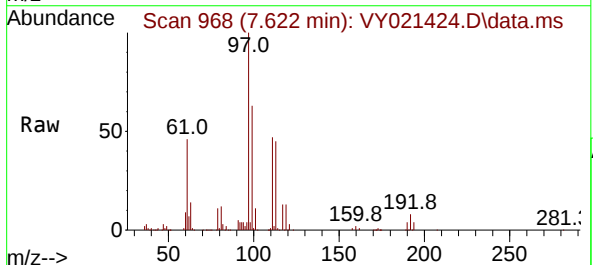
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

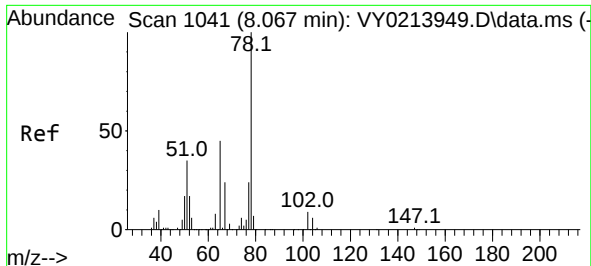
Tgt Ion: 56 Resp: 168619
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.4
84 88.2 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 45.870 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 97 Resp: 190523
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 45.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 56.062 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

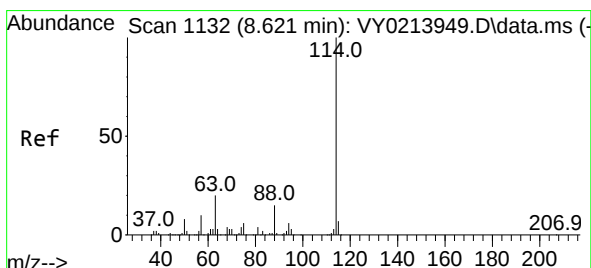
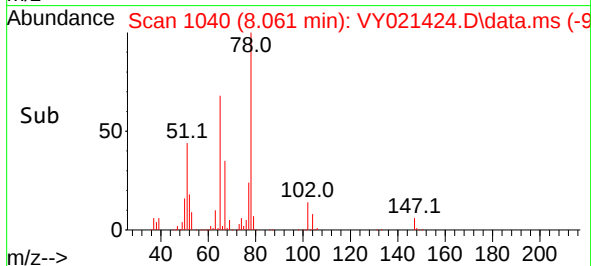
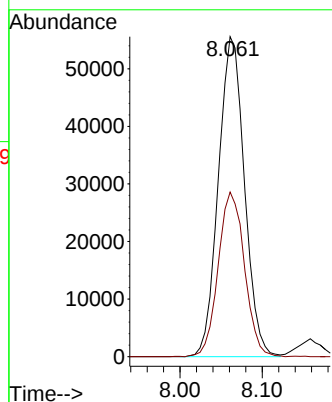
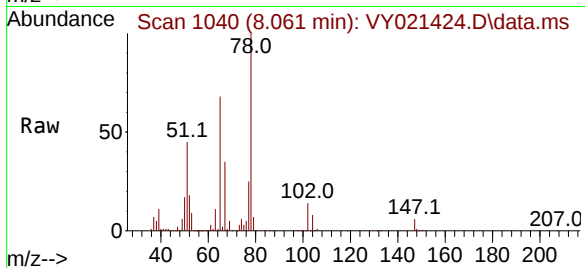
VSTDCCC050EC

Tgt Ion: 65 Resp: 122597

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

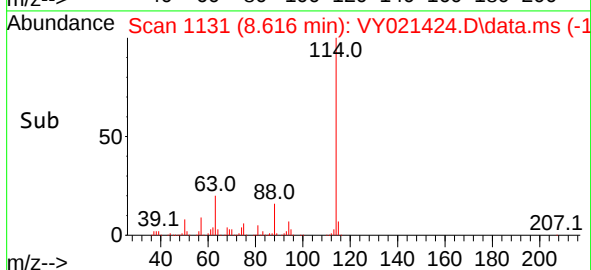
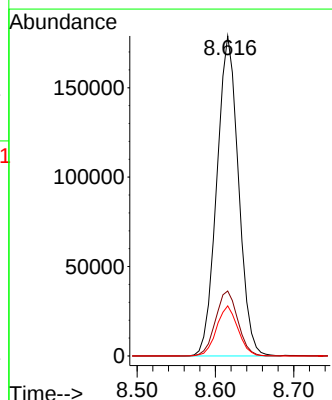
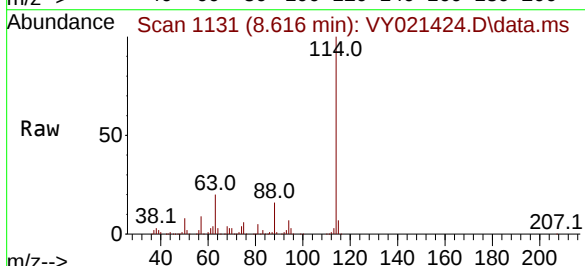
Tgt Ion: 114 Resp: 344536

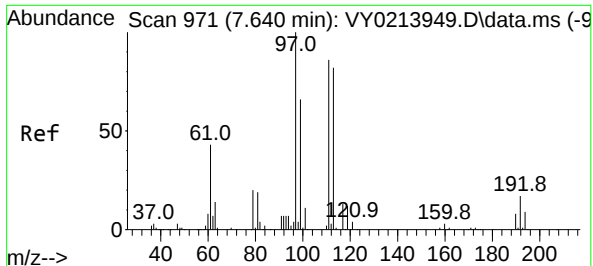
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 15.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.386 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021424.D

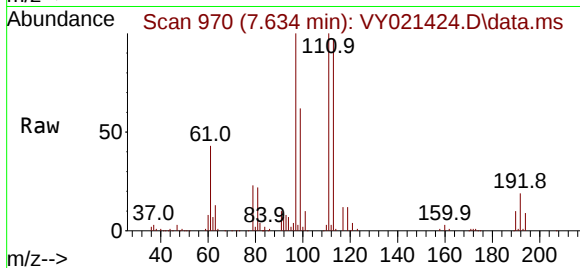
Acq: 05 Mar 2025 19:38

Instrument :

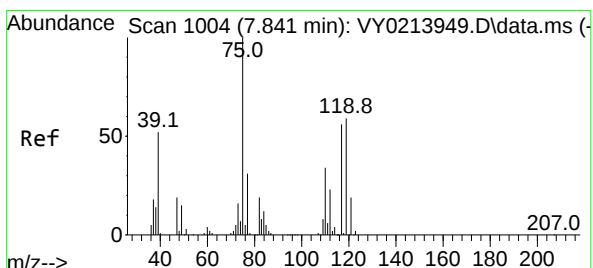
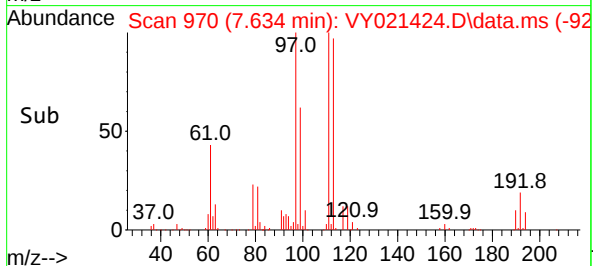
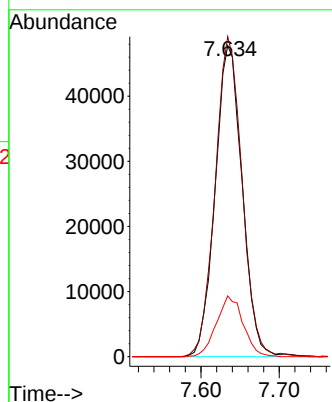
MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	113	Resp:	114109
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	19.4	15.9	23.9



#36

1,1-Dichloropropene

Concen: 43.217 ug/l

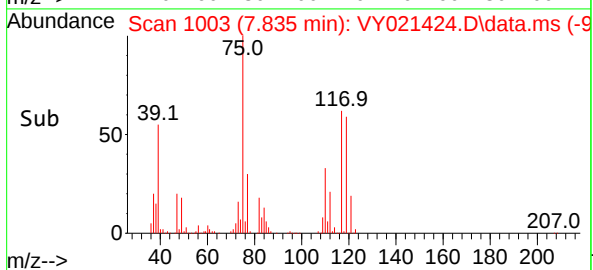
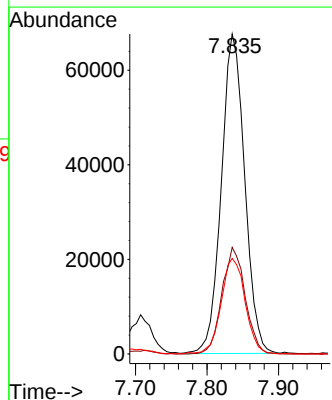
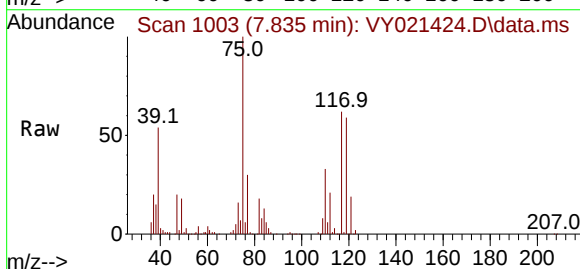
RT: 7.835 min Scan# 1003

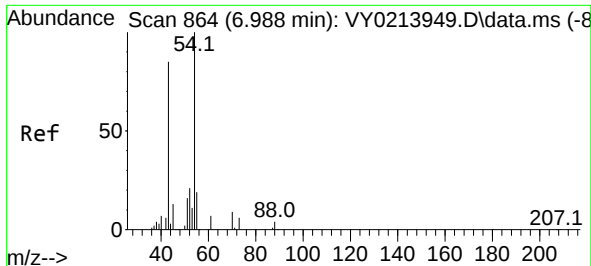
Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Tgt Ion:	75	Resp:	153203
Ion	Ratio	Lower	Upper
75	100		
110	33.2	17.3	51.7
77	30.8	25.4	38.2





#37

Ethyl Acetate

Concen: 50.588 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

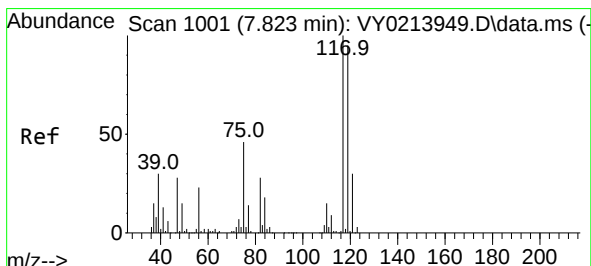
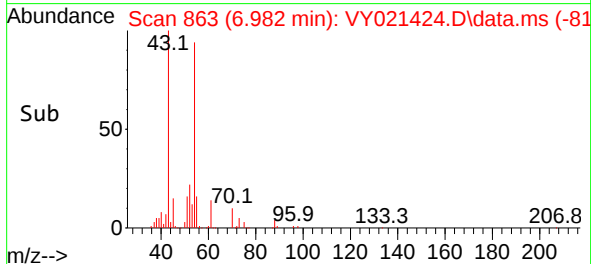
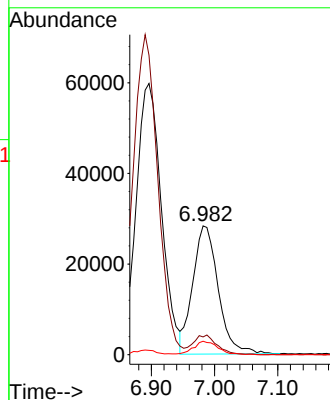
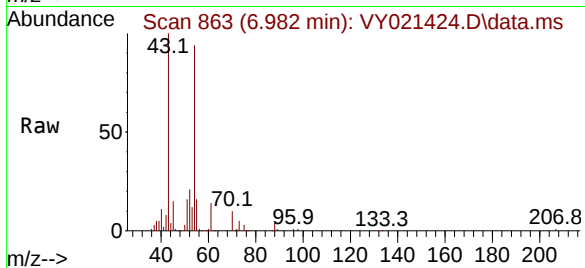
Tgt Ion: 43 Resp: 79262

Ion Ratio Lower Upper

43 100

61 14.5 11.4 17.0

70 10.1 8.2 12.2



#38

Carbon Tetrachloride

Concen: 41.639 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

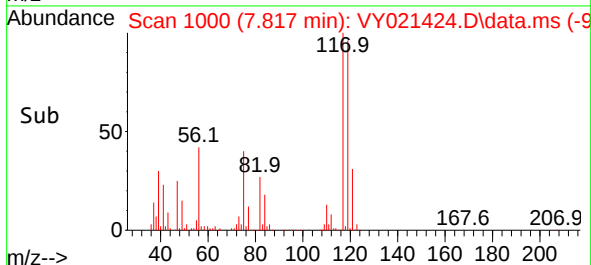
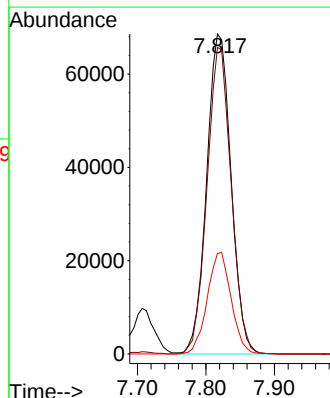
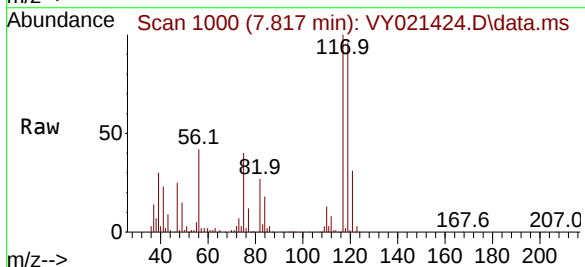
Tgt Ion: 117 Resp: 169759

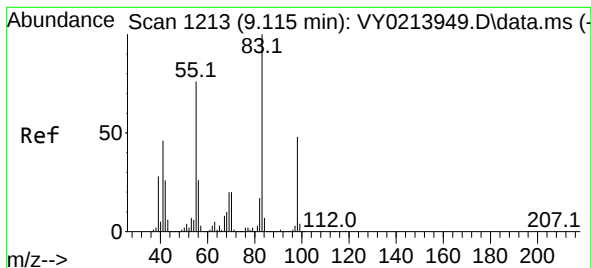
Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.8

121 31.4 23.9 35.9





#39

Methylcyclohexane

Concen: 40.506 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

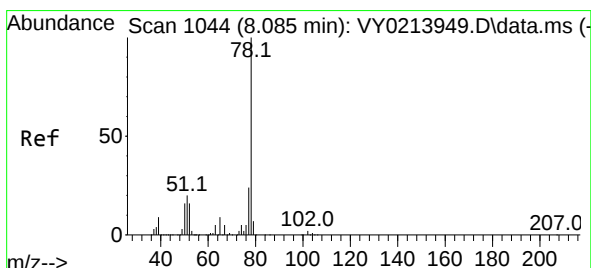
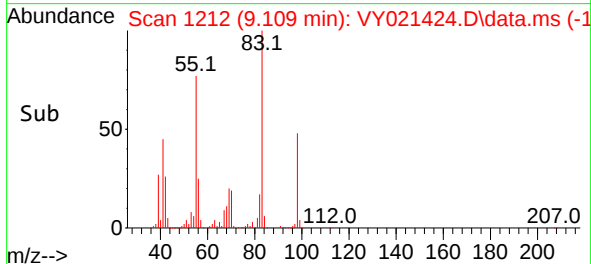
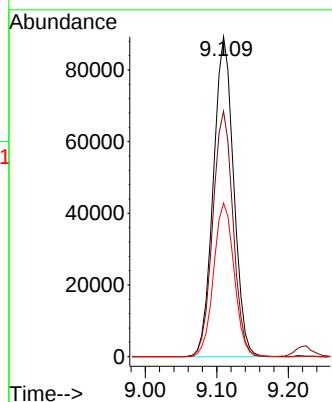
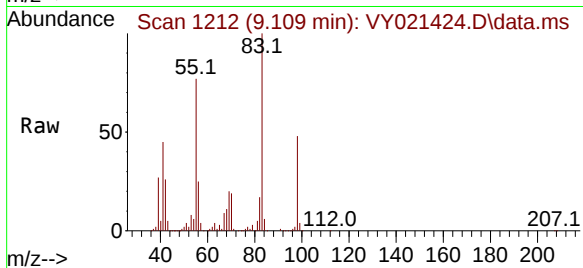
Tgt Ion: 83 Resp: 176131

Ion Ratio Lower Upper

83 100

55 76.6 60.7 91.1

98 48.0 38.6 57.8



#40

Benzene

Concen: 45.363 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021424.D

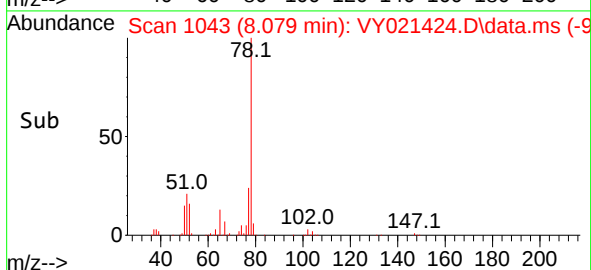
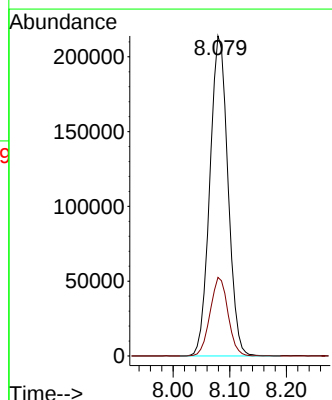
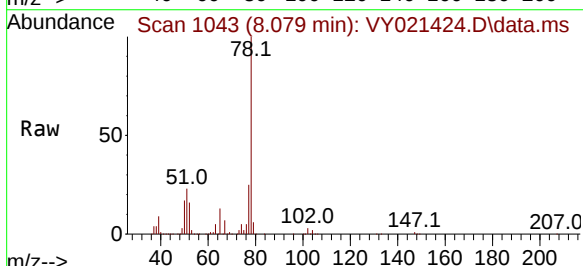
Acq: 05 Mar 2025 19:38

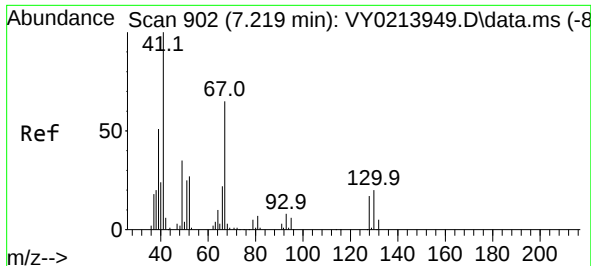
Tgt Ion: 78 Resp: 473709

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.4

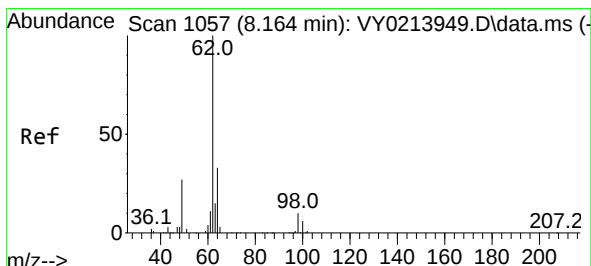
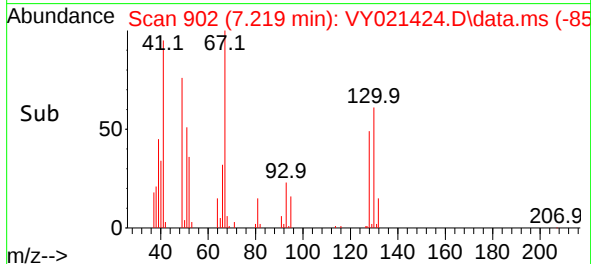
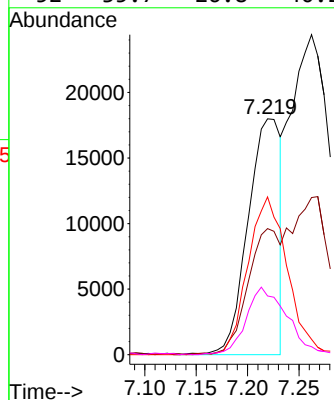
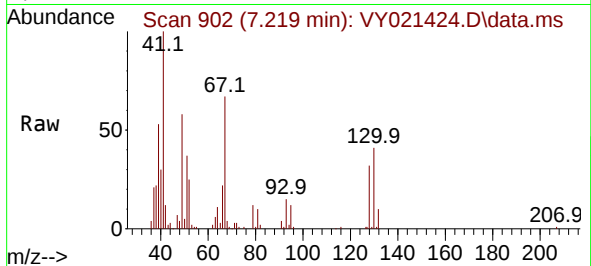




#41
Methacrylonitrile
Concen: 46.689 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

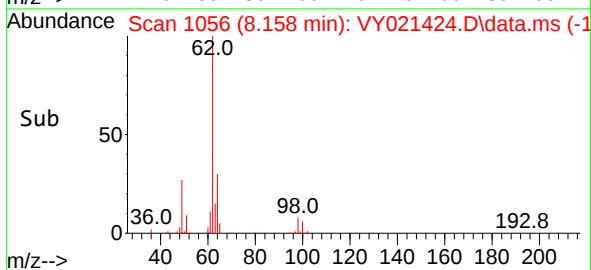
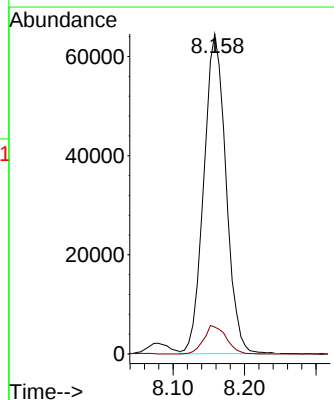
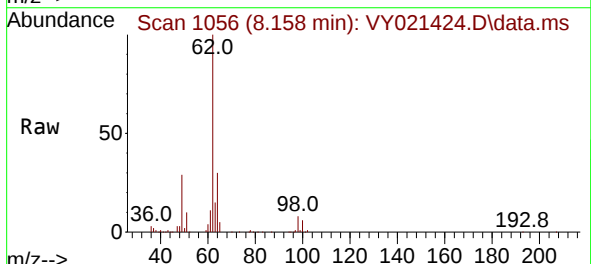
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

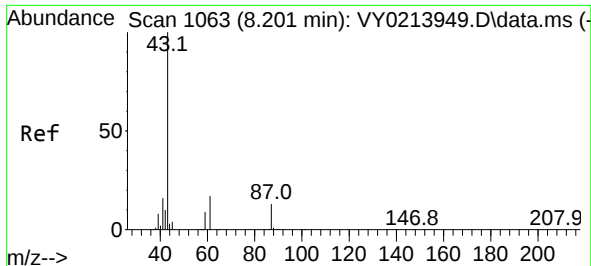
Tgt Ion:	41	Resp:	39832
Ion	Ratio	Lower	Upper
41	100		
39	52.9	35.0	52.6#
67	81.5	61.2	91.8
52	35.7	26.8	40.2



#42
1,2-Dichloroethane
Concen: 47.480 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion:	62	Resp:	138707
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2

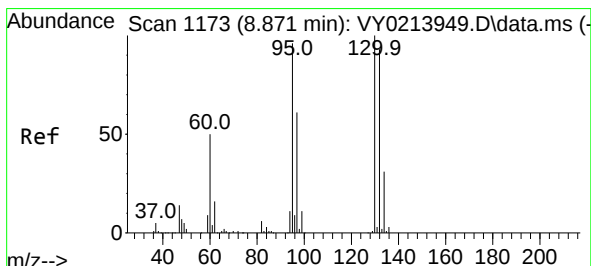
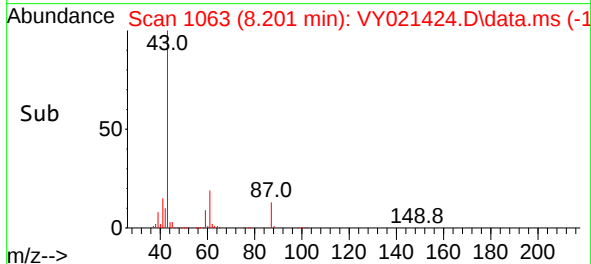
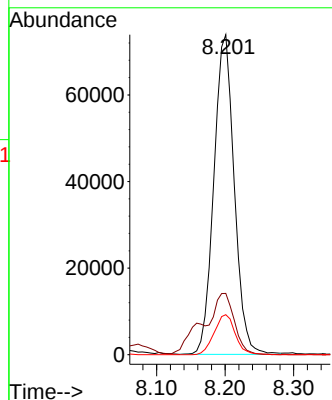
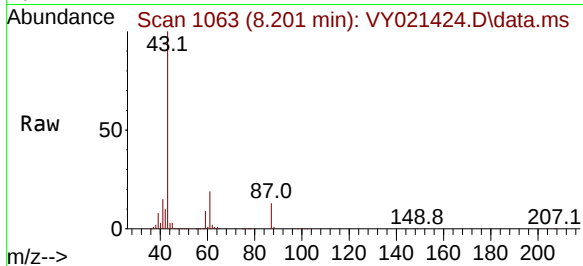




#43
Isopropyl Acetate
Concen: 50.102 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

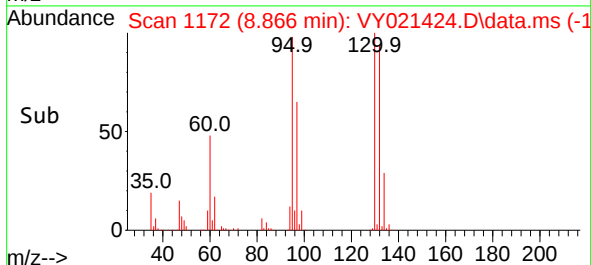
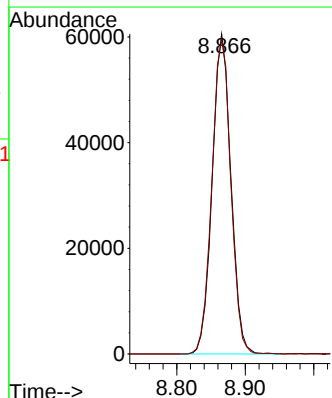
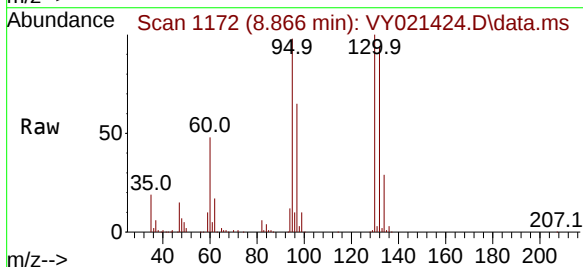
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

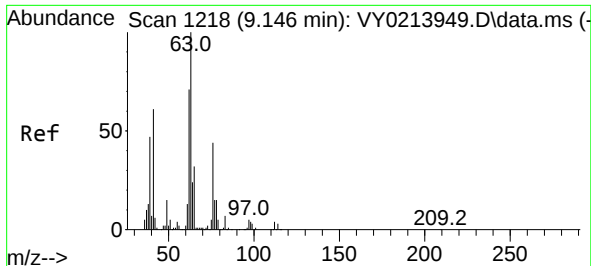
Tgt Ion: 43 Resp: 152389
Ion Ratio Lower Upper
43 100
61 20.3 23.4 35.0#
87 12.9 10.5 15.7



#44
Trichloroethene
Concen: 43.528 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion:130 Resp: 114863
Ion Ratio Lower Upper
130 100
95 98.2 0.0 191.6

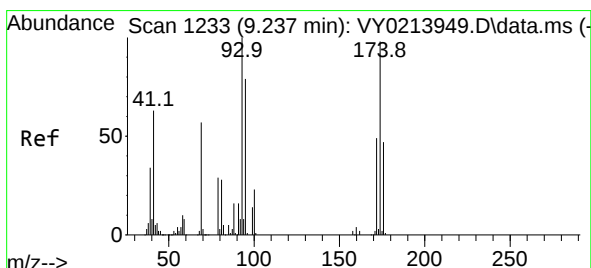
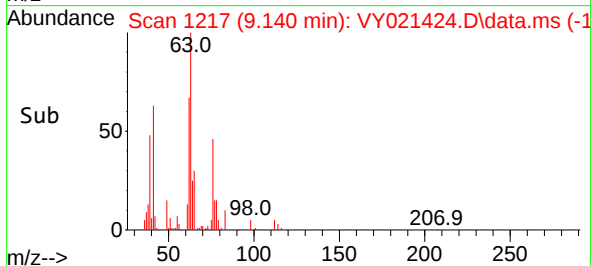
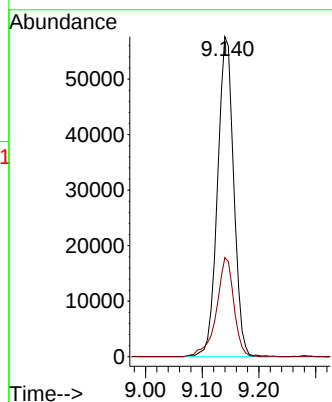
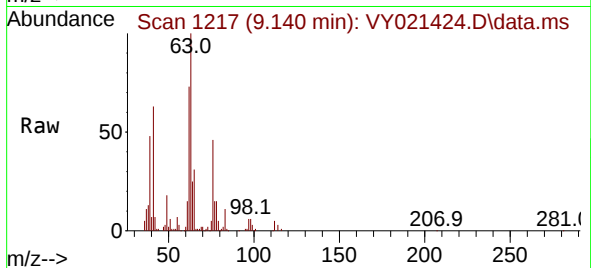




#45
1,2-Dichloropropane
Concen: 46.045 ug/l
RT: 9.140 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

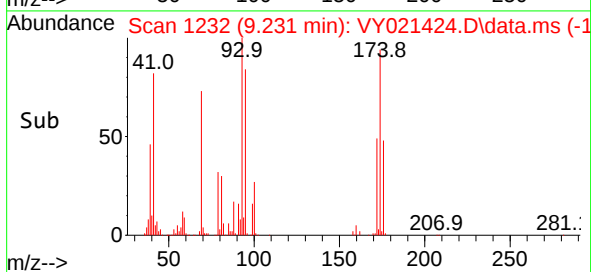
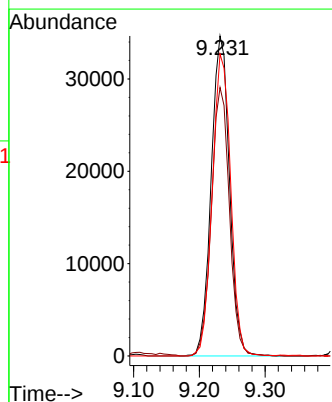
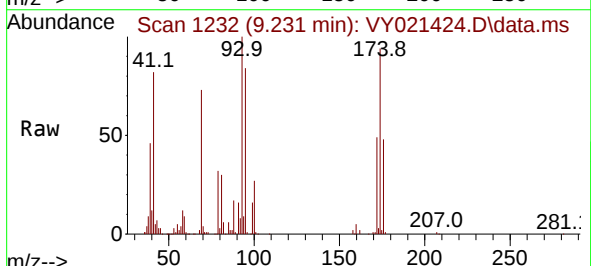
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

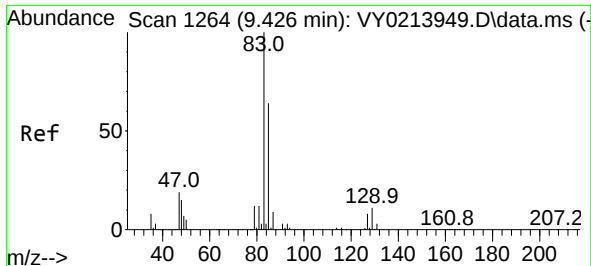
Tgt Ion: 63 Resp: 114437
Ion Ratio Lower Upper
63 100
65 30.9 26.0 39.0



#46
Dibromomethane
Concen: 48.557 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 93 Resp: 67148
Ion Ratio Lower Upper
93 100
95 82.6 65.8 98.8
174 94.9 77.9 116.9

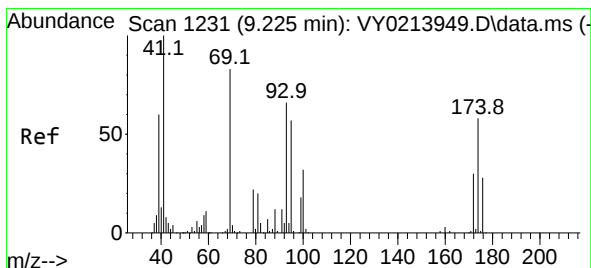
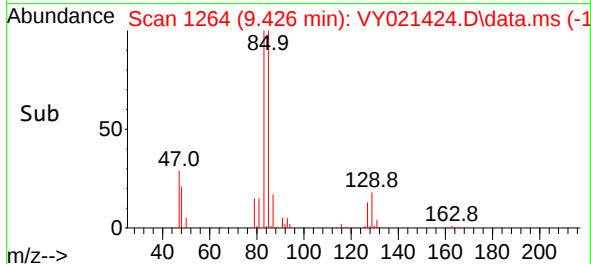
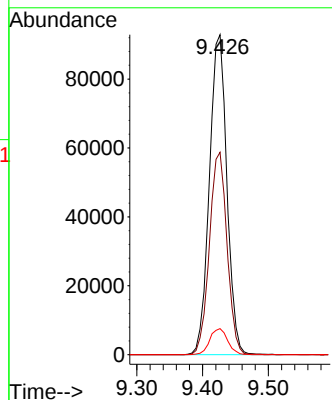
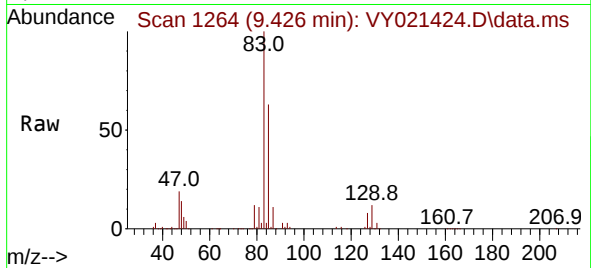




#47
Bromodichloromethane
Concen: 46.791 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

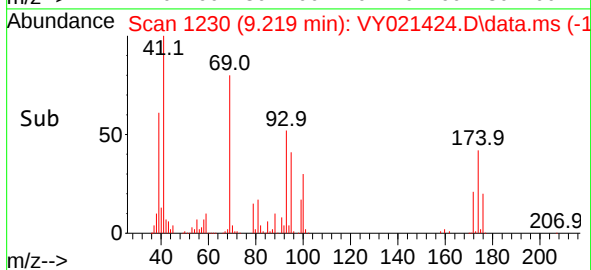
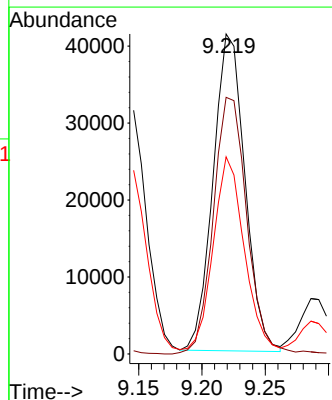
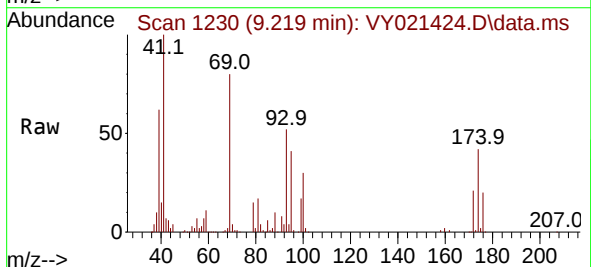
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

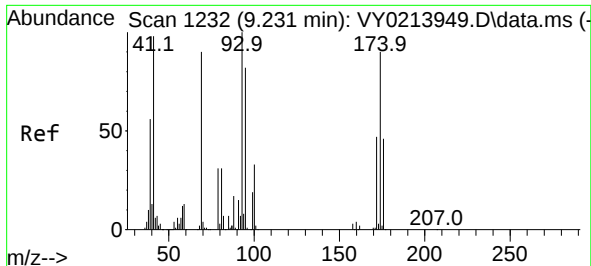
Tgt Ion: 83 Resp: 171837
Ion Ratio Lower Upper
83 100
85 63.3 51.1 76.7
127 8.2 6.7 10.1



#48
Methyl methacrylate
Concen: 51.580 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 41 Resp: 72041
Ion Ratio Lower Upper
41 100
69 86.1 67.8 101.8
39 58.9 46.4 69.6





#49

1,4-Dioxane

Concen: 1029.223 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

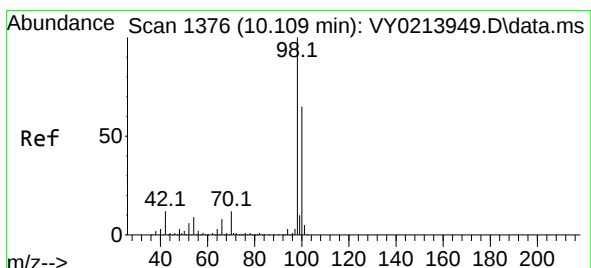
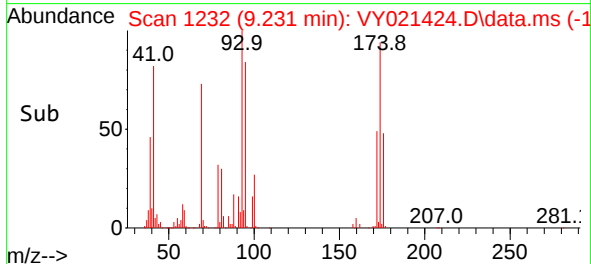
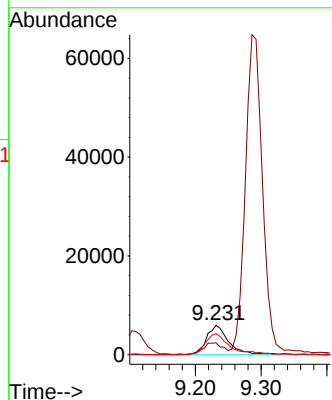
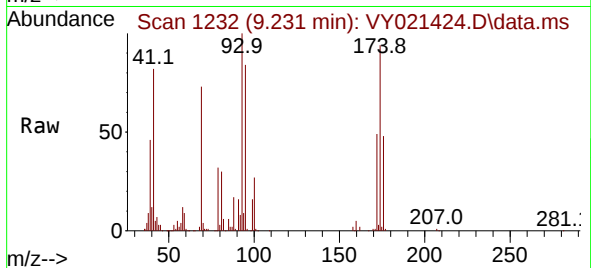
Tgt Ion: 88 Resp: 13970

Ion Ratio Lower Upper

88 100

43 34.4 25.0 37.4

58 77.6 58.4 87.6



#50

Toluene-d8

Concen: 50.387 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021424.D

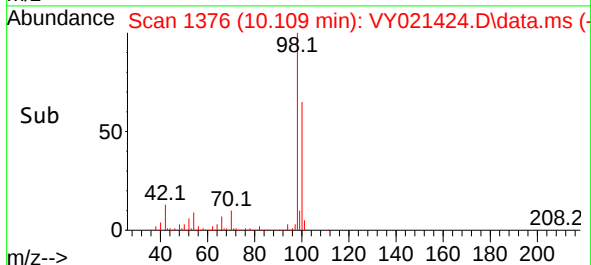
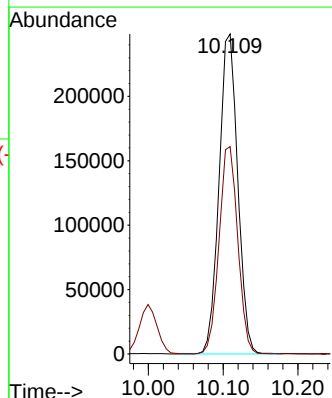
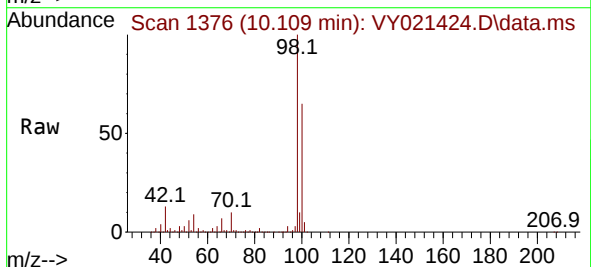
Acq: 05 Mar 2025 19:38

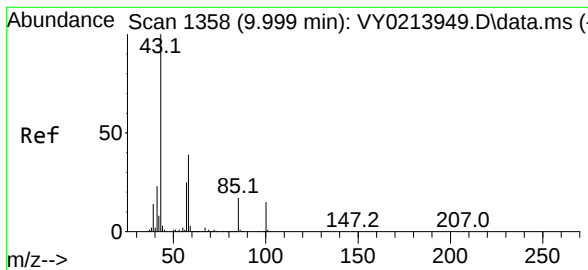
Tgt Ion: 98 Resp: 432060

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1

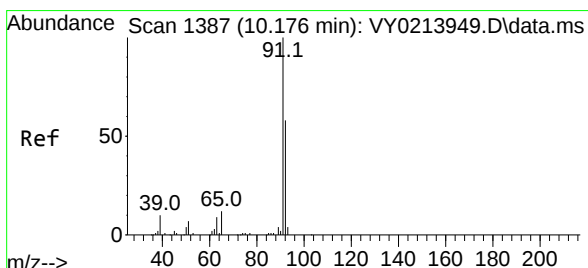
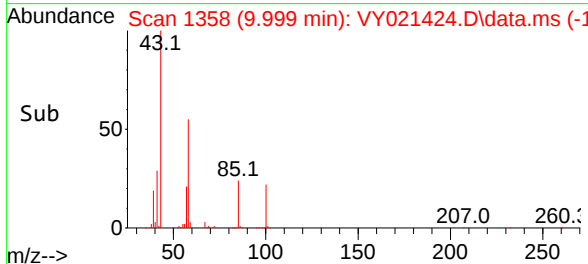
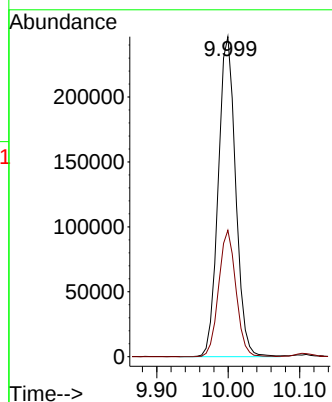
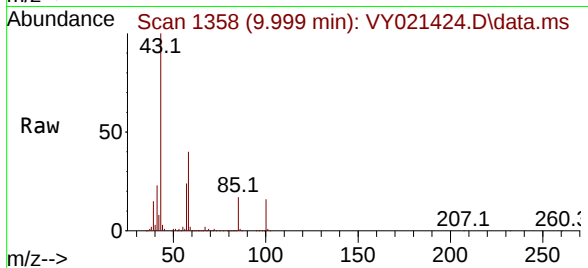




#51
4-Methyl-2-Pentanone
Concen: 265.410 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

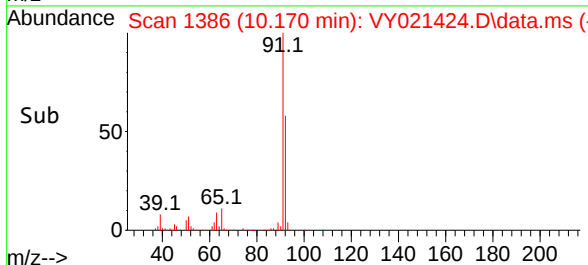
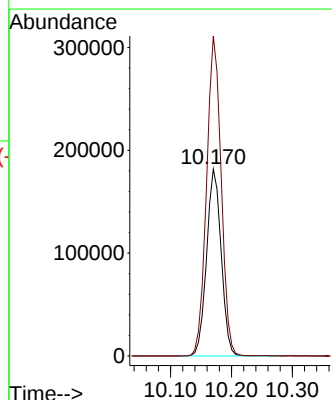
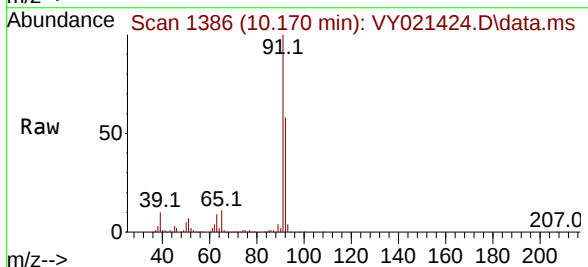
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

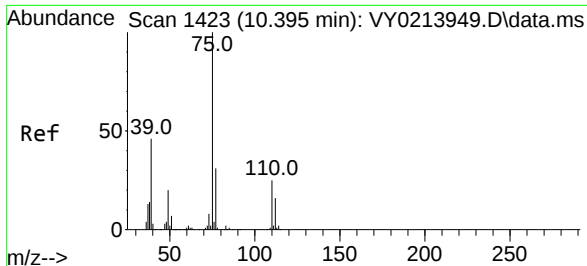
Tgt Ion: 43 Resp: 416524
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.2



#52
Toluene
Concen: 45.891 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 92 Resp: 302128
Ion Ratio Lower Upper
92 100
91 171.3 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 46.316 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

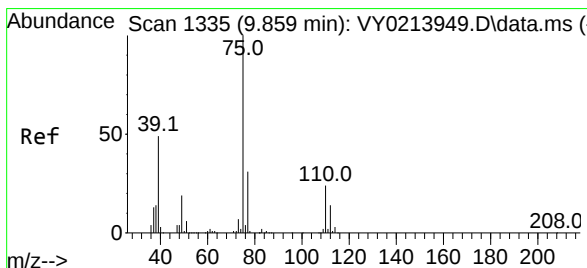
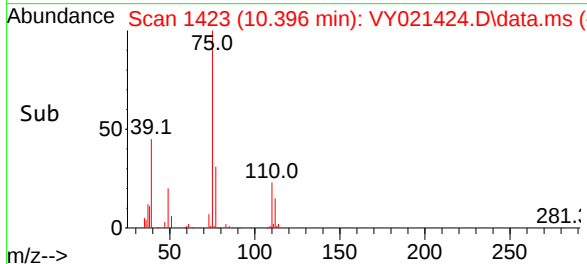
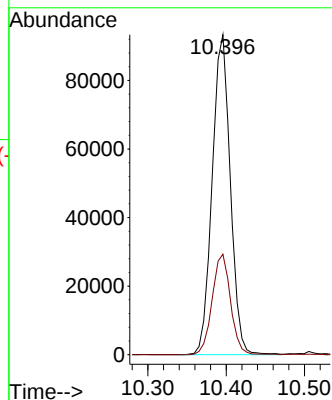
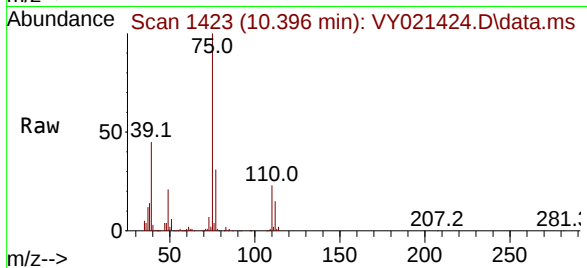
VSTDCCC050EC

Tgt Ion: 75 Resp: 149857

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 45.437 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

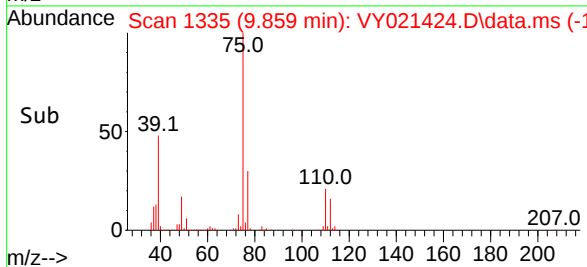
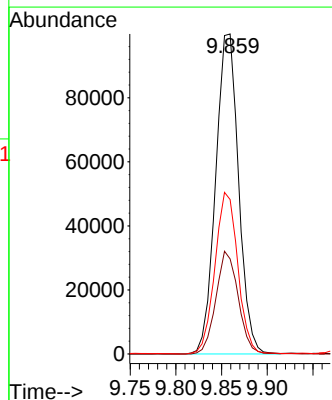
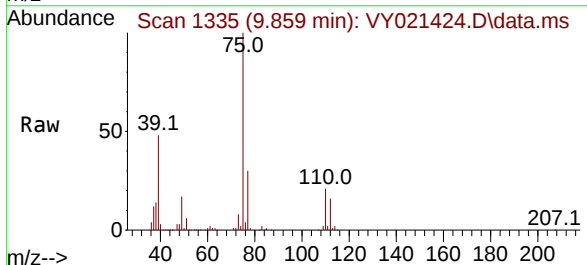
Tgt Ion: 75 Resp: 174543

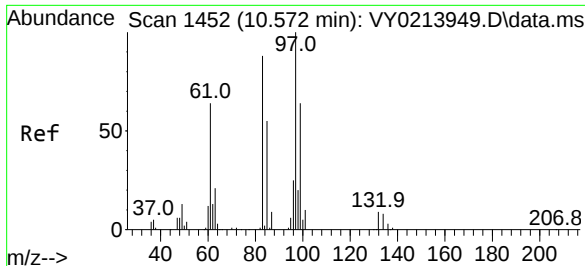
Ion Ratio Lower Upper

75 100

77 29.7 24.6 37.0

39 48.3 39.4 59.2

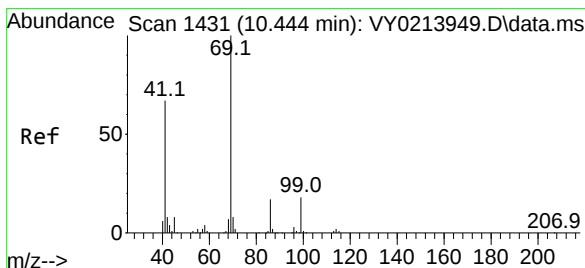
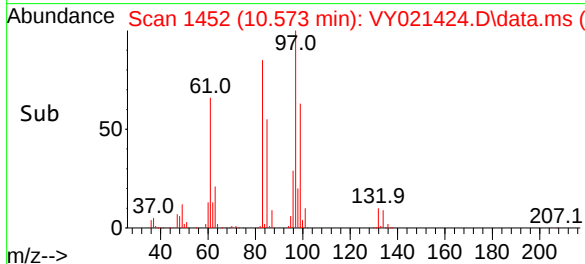
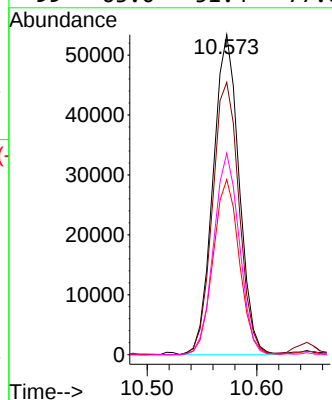
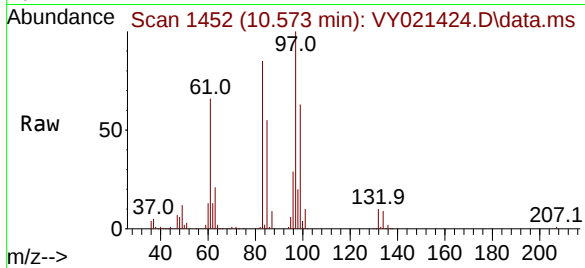




#55
 1,1,2-Trichloroethane
 Concen: 48.814 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

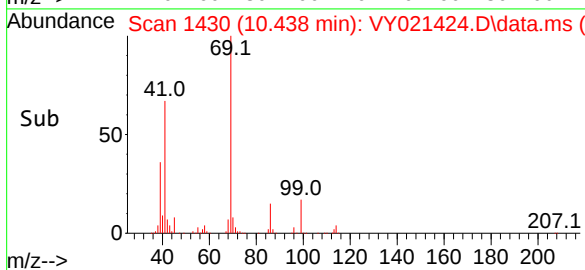
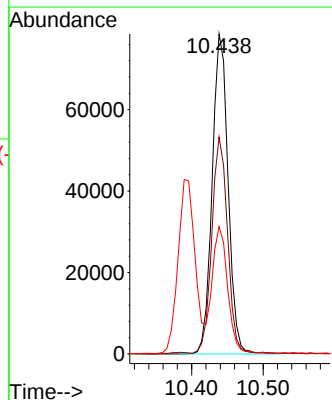
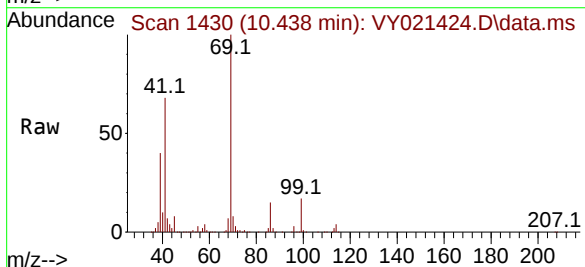
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

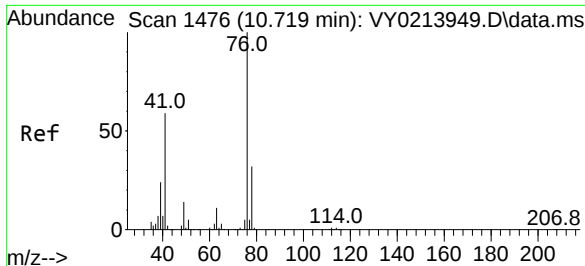
Tgt Ion: 97	Resp: 88301
Ion Ratio	Lower Upper
97 100	
83 85.1	70.0 105.0
85 54.6	44.3 66.5
99 63.0	51.4 77.0



#56
 Ethyl methacrylate
 Concen: 52.689 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

Tgt Ion: 69	Resp: 121555
Ion Ratio	Lower Upper
69 100	
41 66.4	53.3 79.9
39 37.8	31.0 46.6





#57

1,3-Dichloropropane

Concen: 48.400 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

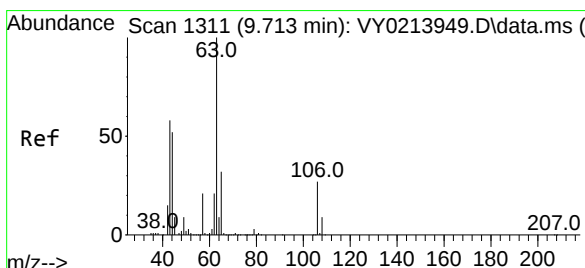
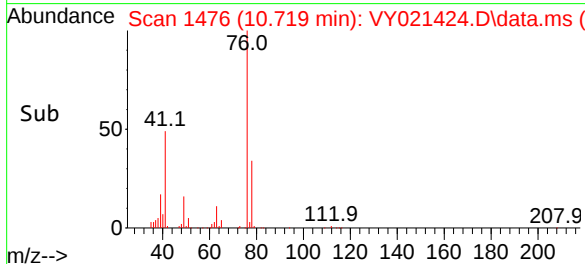
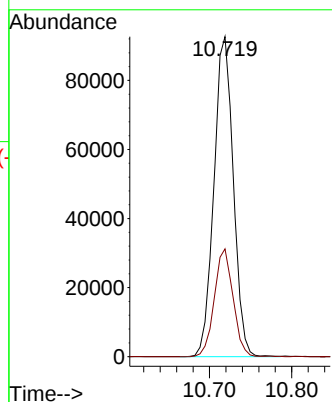
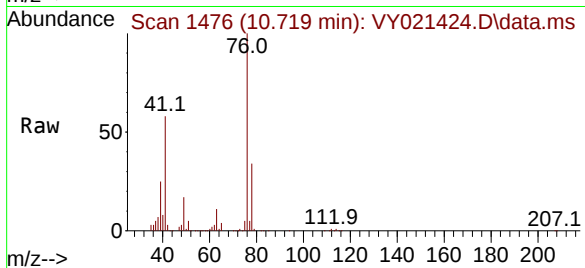
VSTDCCC050EC

Tgt Ion: 76 Resp: 151743

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 263.953 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021424.D

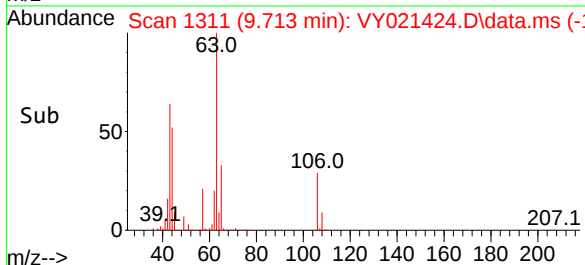
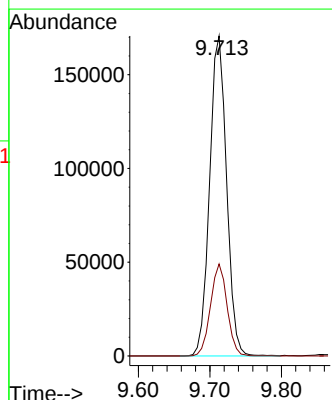
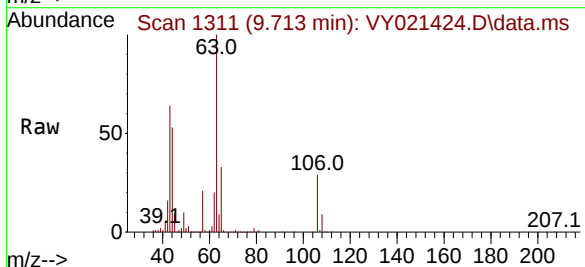
Acq: 05 Mar 2025 19:38

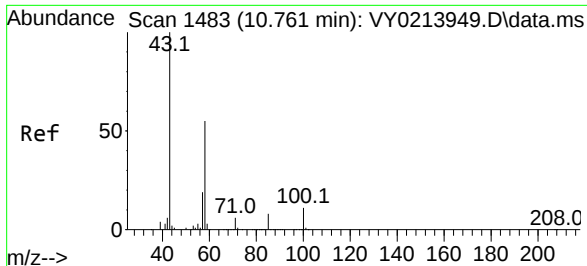
Tgt Ion: 63 Resp: 281106

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1





#59

2-Hexanone

Concen: 266.807 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

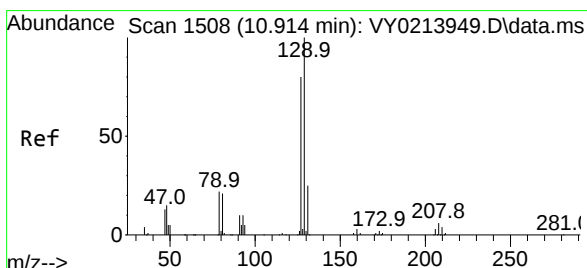
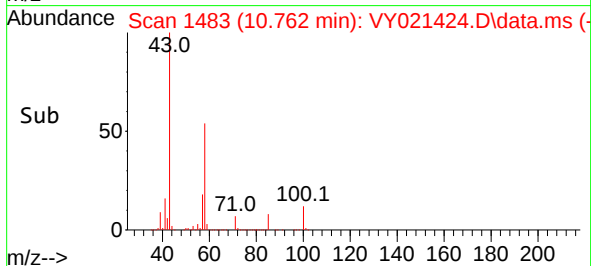
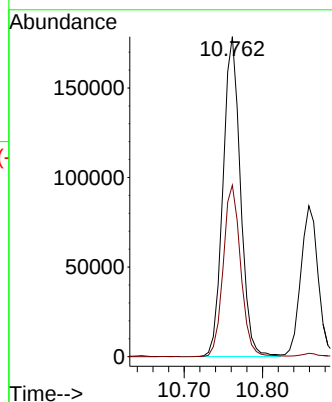
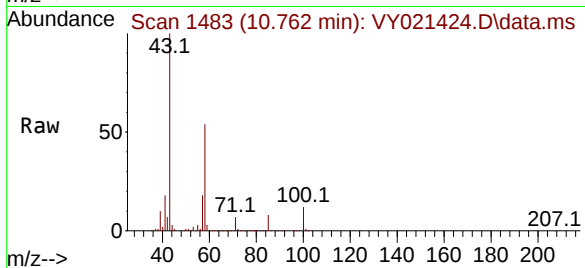
VSTDCCC050EC

Tgt Ion: 43 Resp: 276866

Ion Ratio Lower Upper

43 100

58 53.7 27.3 81.8



#60

Dibromochloromethane

Concen: 47.834 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY021424.D

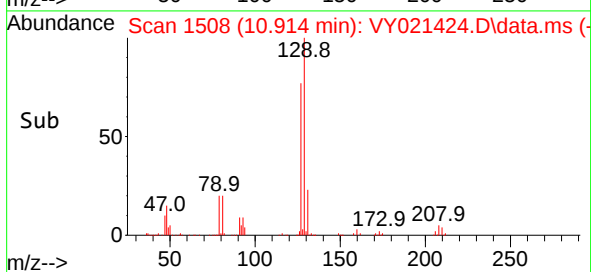
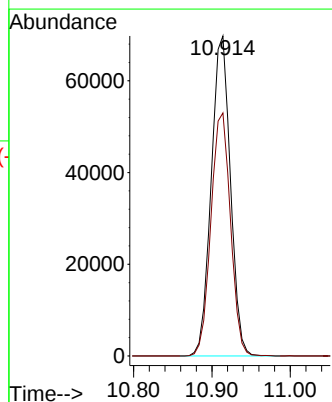
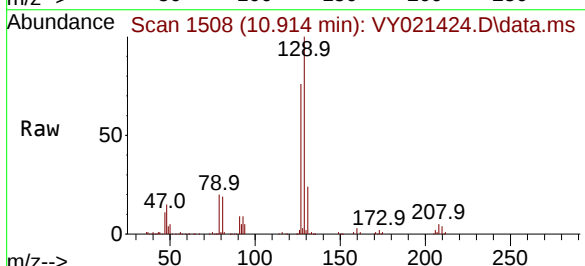
Acq: 05 Mar 2025 19:38

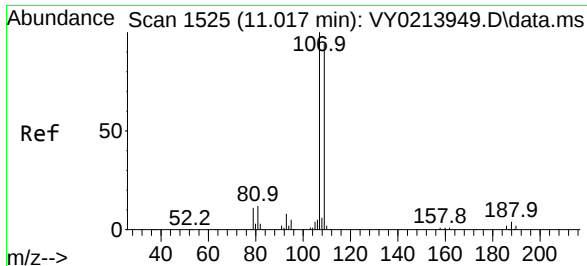
Tgt Ion: 129 Resp: 118624

Ion Ratio Lower Upper

129 100

127 77.4 39.1 117.3

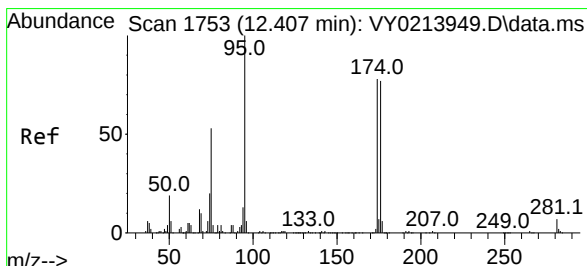
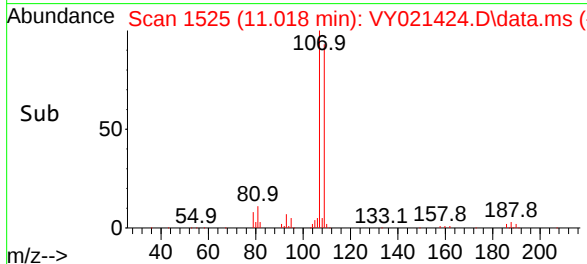
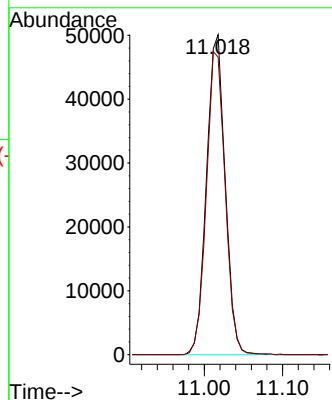
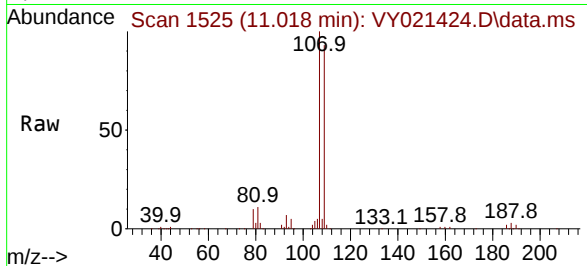




#61
1,2-Dibromoethane
Concen: 48.502 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

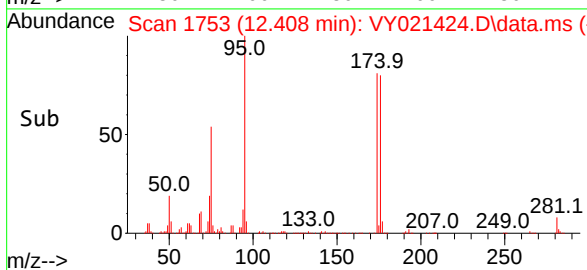
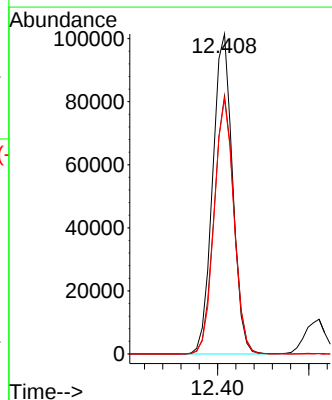
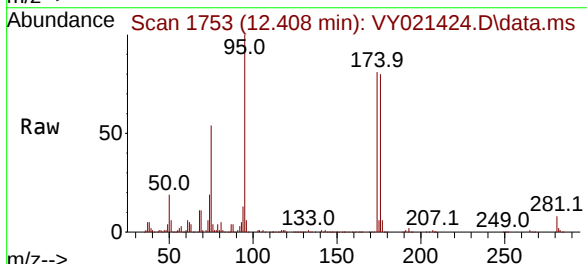
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

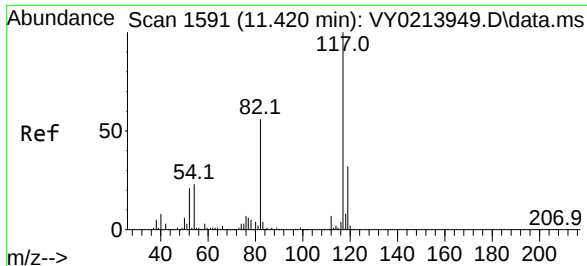
Tgt Ion:107 Resp: 82806
Ion Ratio Lower Upper
107 100
109 95.3 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.539 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 95 Resp: 153247
Ion Ratio Lower Upper
95 100
174 80.9 0.0 165.0
176 79.0 0.0 160.0

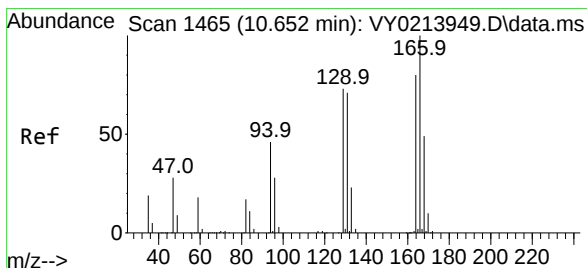
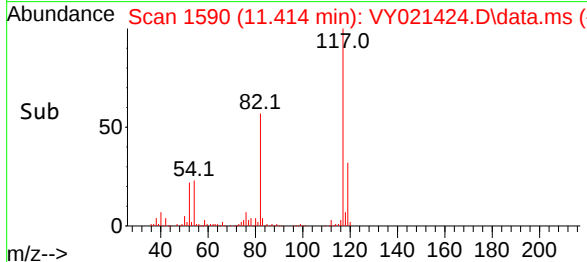
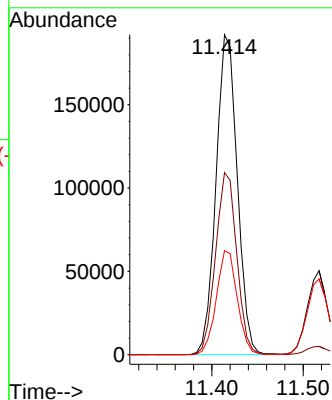
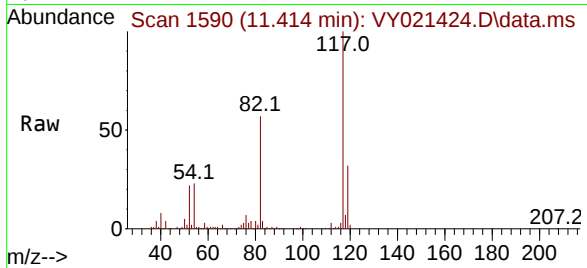




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

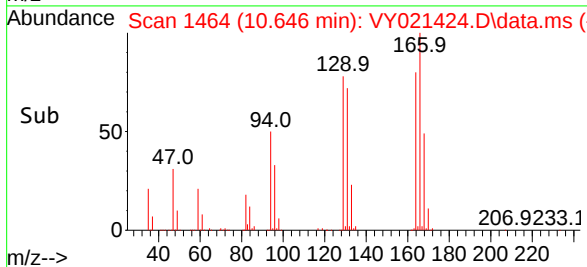
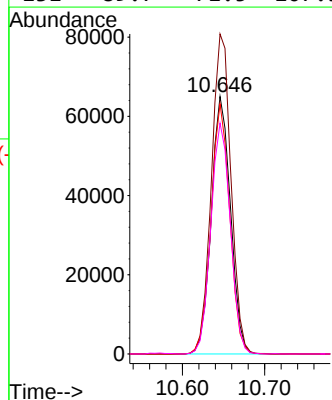
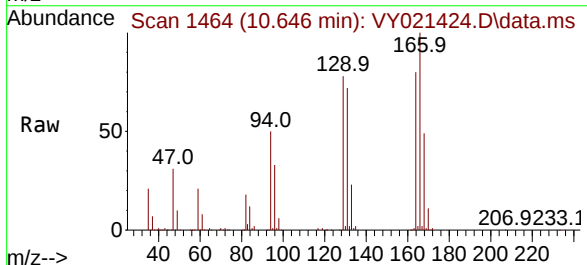
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

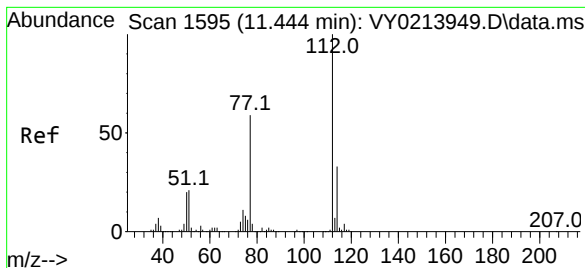
Tgt Ion:117 Resp: 311231
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 41.714 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion:164 Resp: 105570
Ion Ratio Lower Upper
164 100
166 124.3 100.4 150.6
129 97.1 73.8 110.8
131 89.7 71.5 107.3

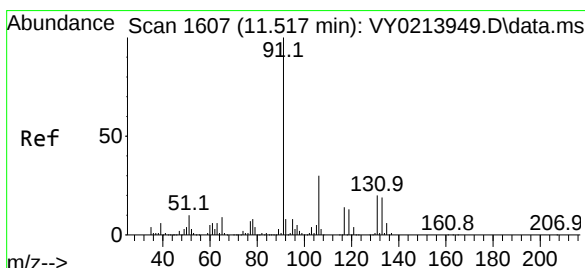
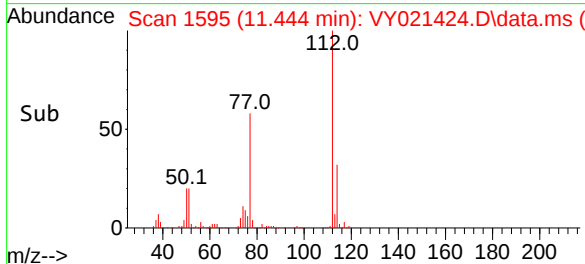
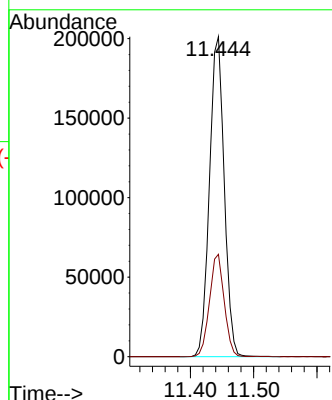
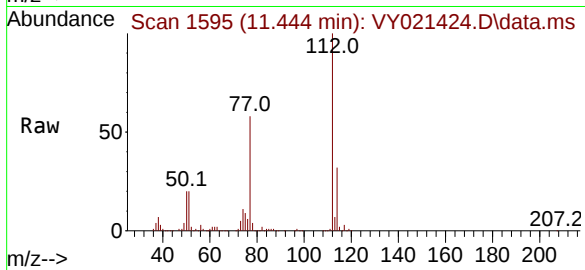




#65
Chlorobenzene
Concen: 44.429 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

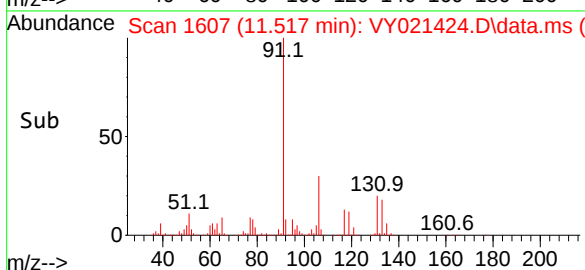
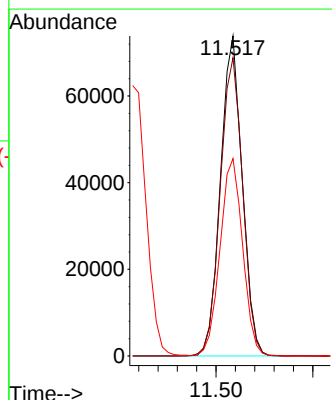
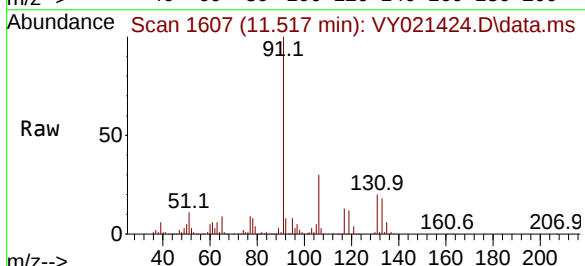
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

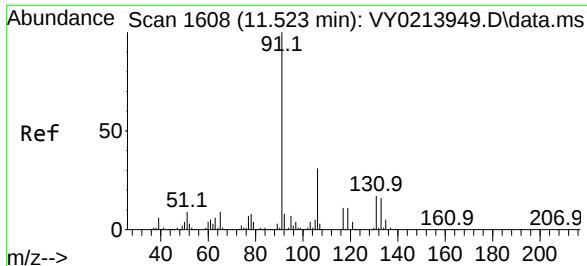
Tgt Ion:112 Resp: 326536
Ion Ratio Lower Upper
112 100
114 32.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 44.331 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion:131 Resp: 115191
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.9
119 64.1 32.3 96.9





#67

Ethyl Benzene

Concen: 43.777 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

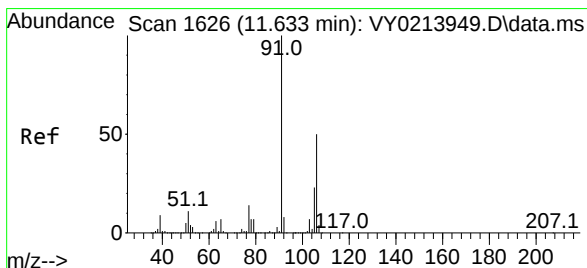
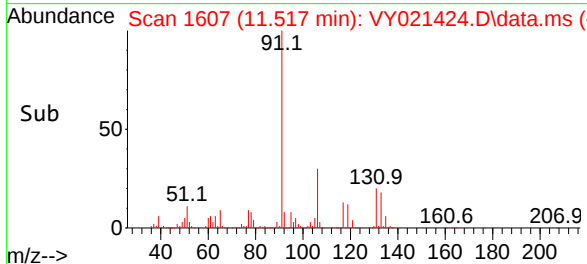
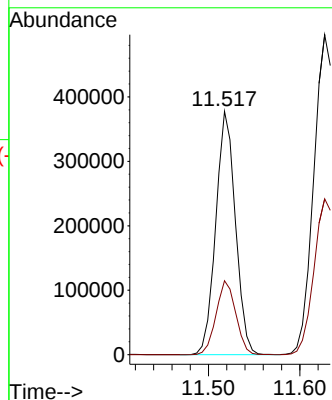
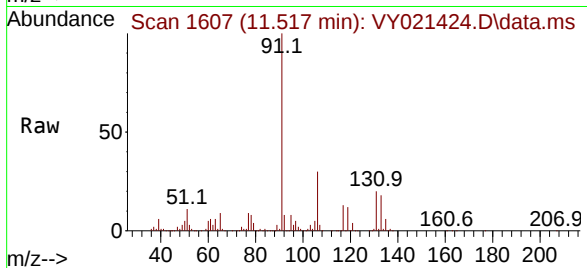
VSTDCCC050EC

Tgt Ion: 91 Resp: 564717

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 88.319 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021424.D

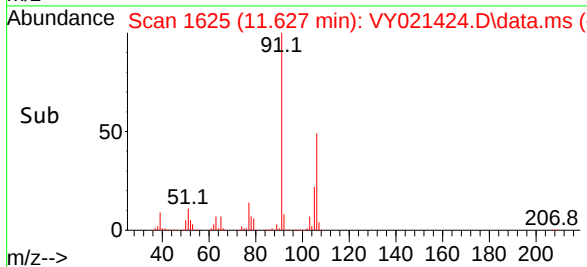
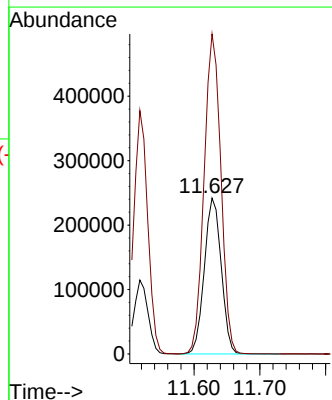
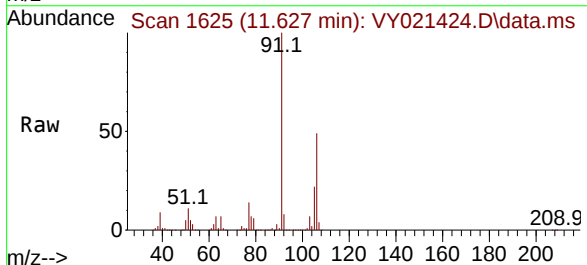
Acq: 05 Mar 2025 19:38

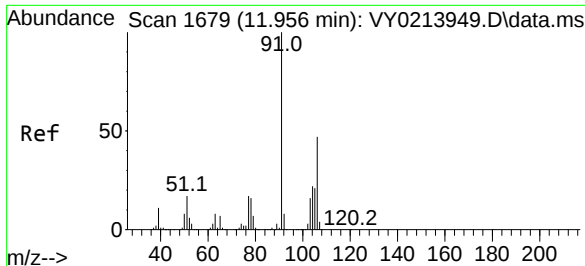
Tgt Ion: 106 Resp: 432540

Ion Ratio Lower Upper

106 100

91 203.6 161.7 242.5





#69

o-Xylene

Concen: 44.988 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

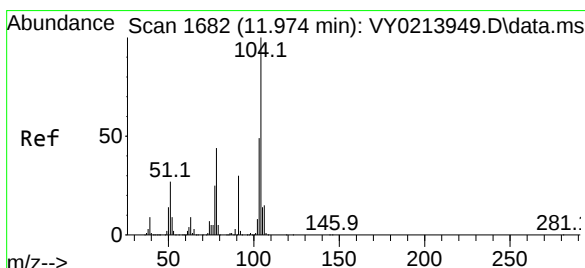
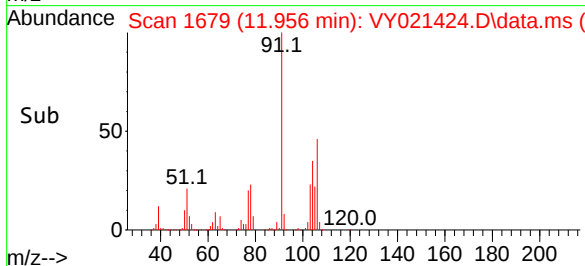
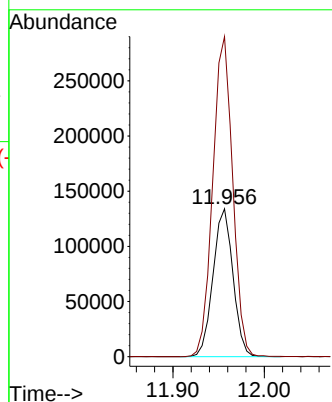
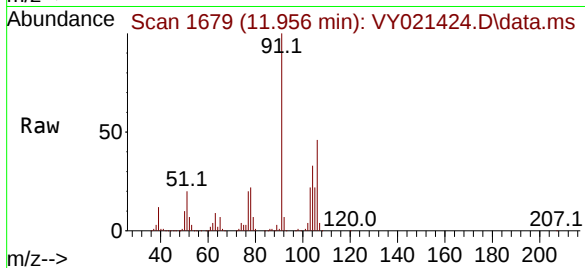
VSTDCCC050EC

Tgt Ion:106 Resp: 203062

Ion Ratio Lower Upper

106 100

91 216.2 107.6 322.8



#70

Styrene

Concen: 46.562 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

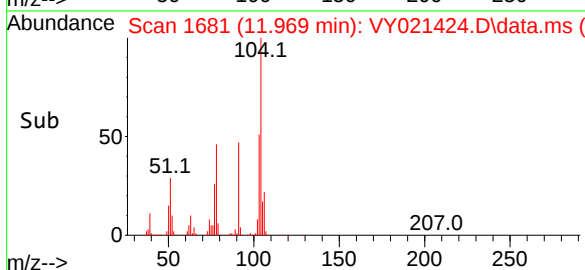
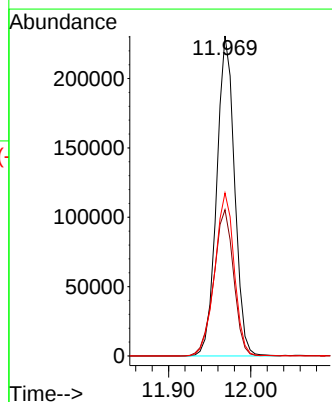
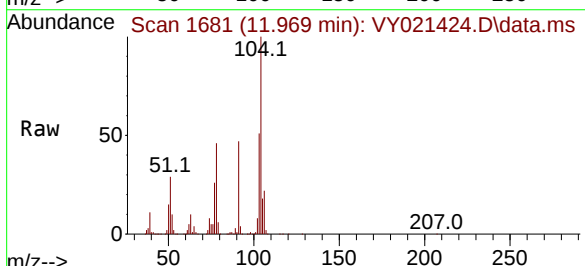
Tgt Ion:104 Resp: 348657

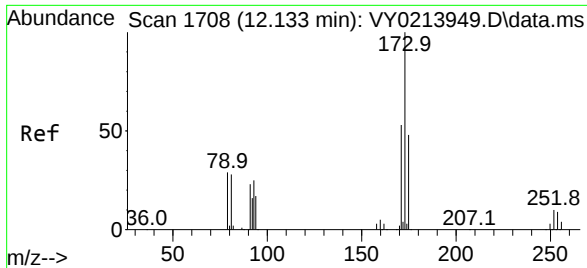
Ion Ratio Lower Upper

104 100

78 50.8 40.7 61.1

103 55.3 44.1 66.1

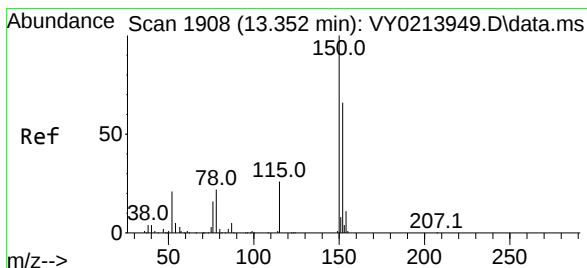
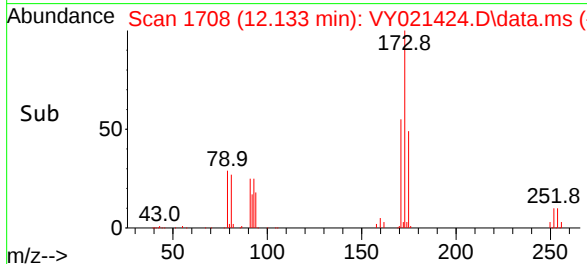
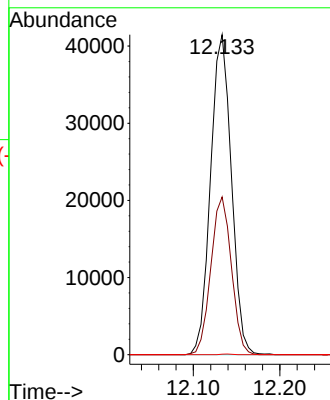
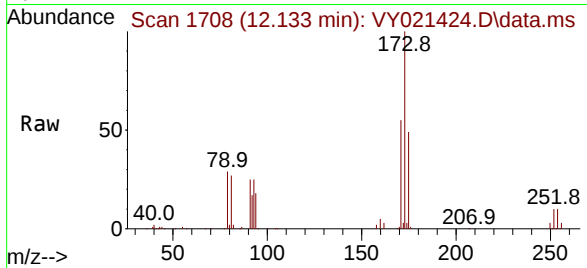




#71
Bromoform
Concen: 47.624 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

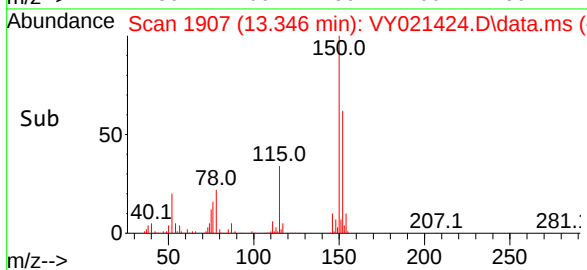
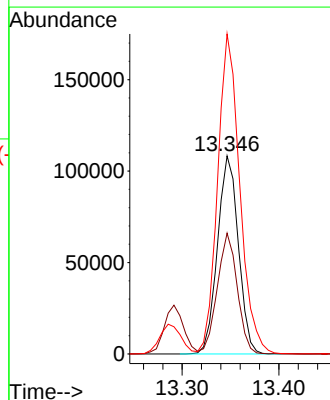
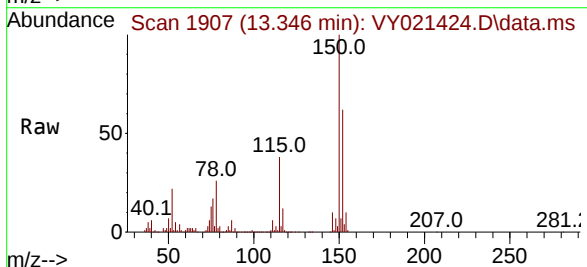
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

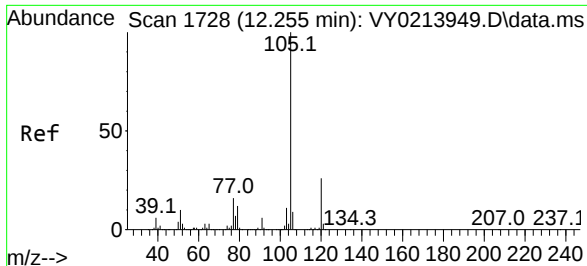
Tgt Ion:173 Resp: 69176
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion:152 Resp: 162000
Ion Ratio Lower Upper
152 100
115 58.5 29.0 87.0
150 171.6 0.0 347.2

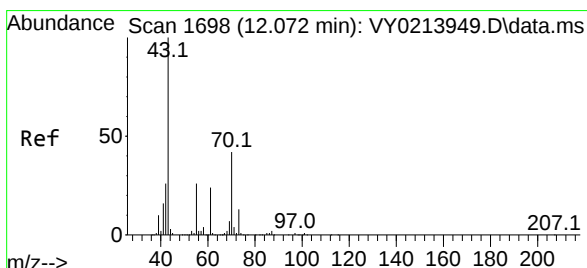
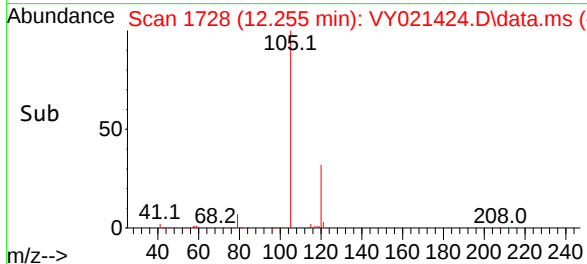
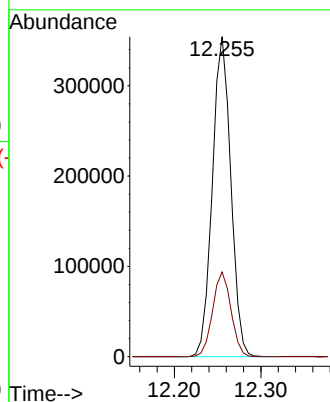
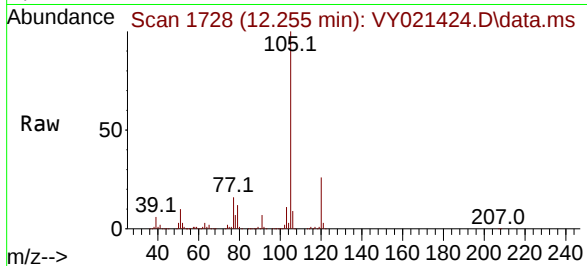




#73
Isopropylbenzene
Concen: 41.086 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

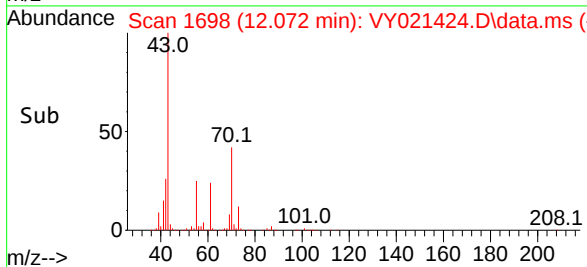
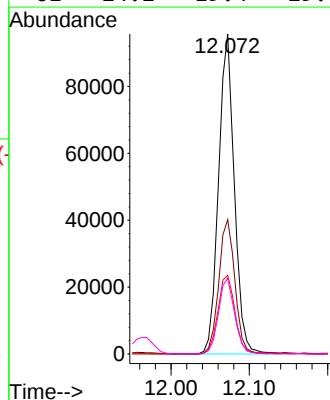
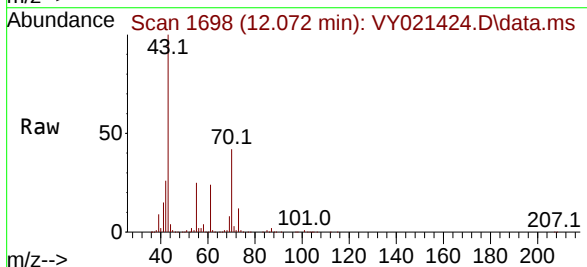
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

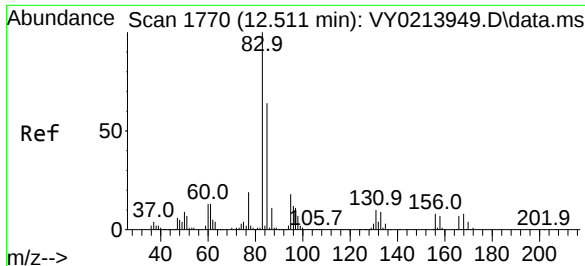
Tgt Ion:105 Resp: 524312
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#74
N-ethyl acetate
Concen: 48.431 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 43 Resp: 134222
Ion Ratio Lower Upper
43 100
70 43.2 34.6 51.8
55 26.7 21.1 31.7
61 24.2 19.4 29.0

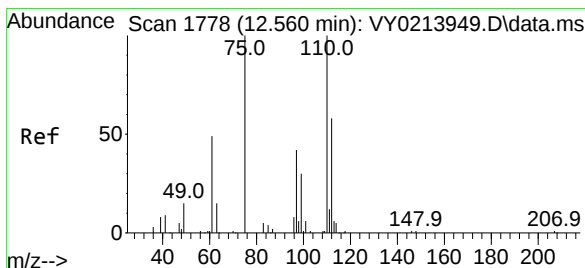
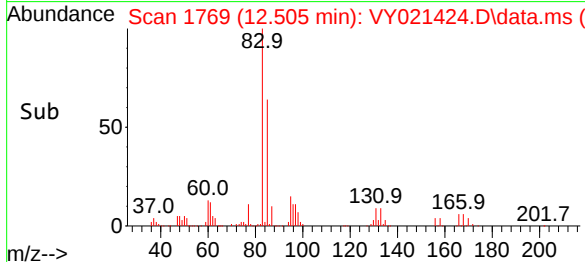
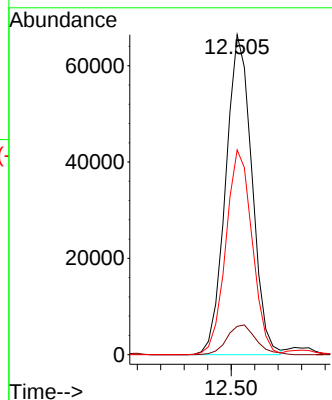
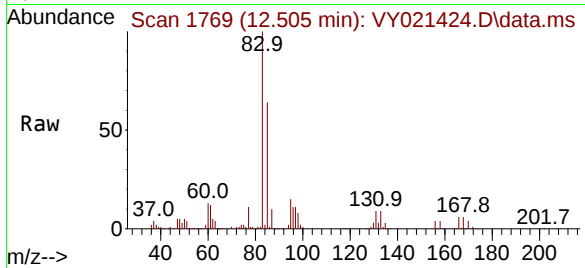




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.682 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

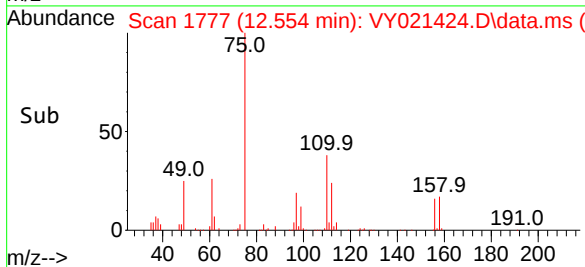
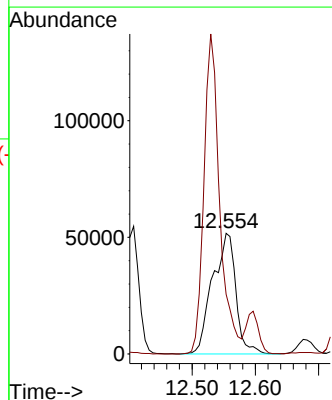
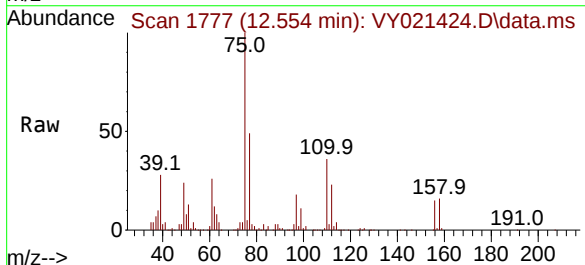
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

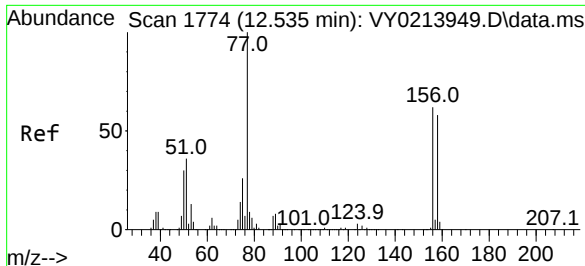
Tgt Ion: 83 Resp: 102872
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.3 16.1
 85 64.3 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 81.197 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

Tgt Ion: 75 Resp: 132550
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

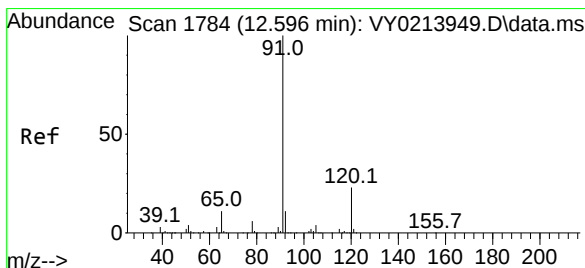
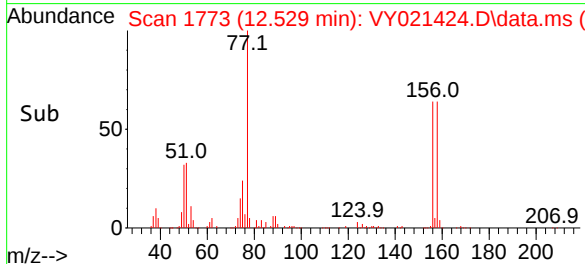
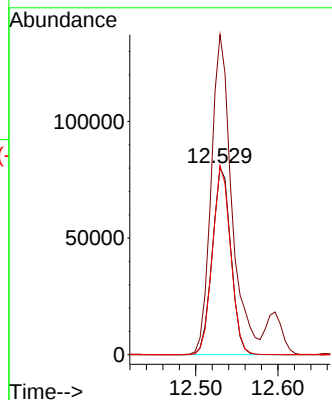
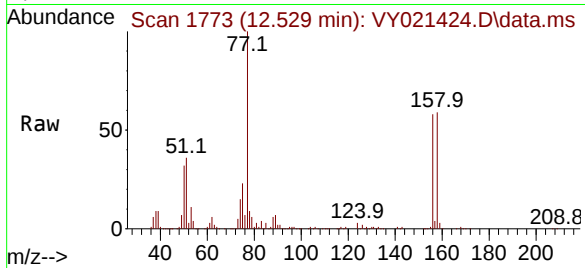




#77
Bromobenzene
Concen: 42.247 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

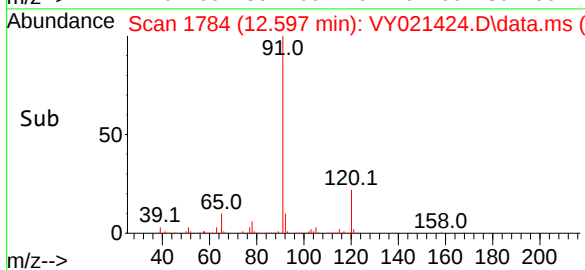
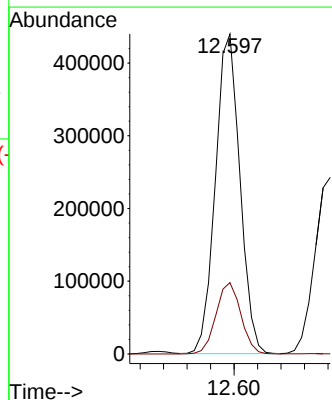
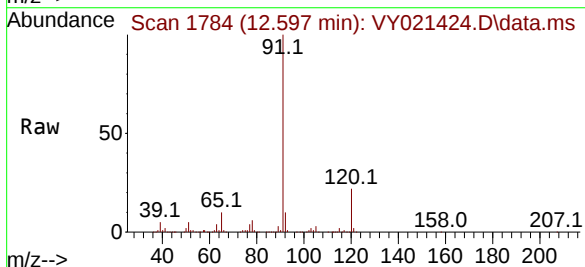
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

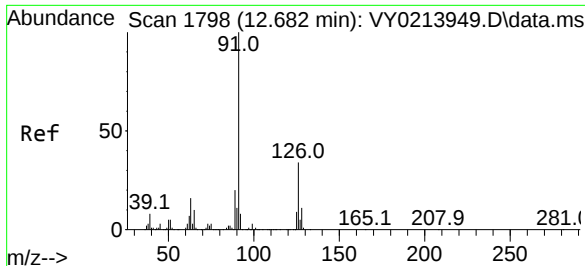
Tgt Ion:156 Resp: 126126
Ion Ratio Lower Upper
156 100
77 189.9 93.6 280.8
158 99.2 48.3 144.8



#78
n-propylbenzene
Concen: 41.124 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 91 Resp: 637347
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 42.256 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

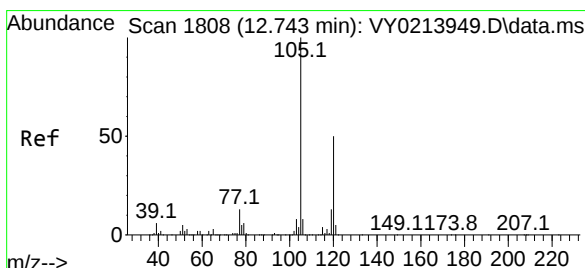
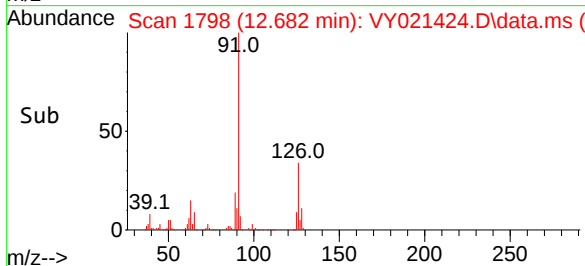
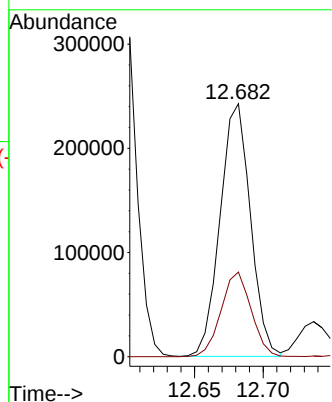
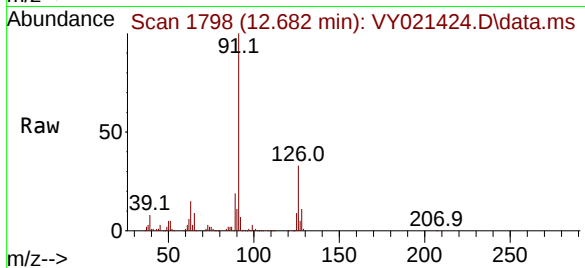
VSTDCCC050EC

Tgt Ion: 91 Resp: 374463

Ion Ratio Lower Upper

91 100

126 33.2 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 41.588 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021424.D

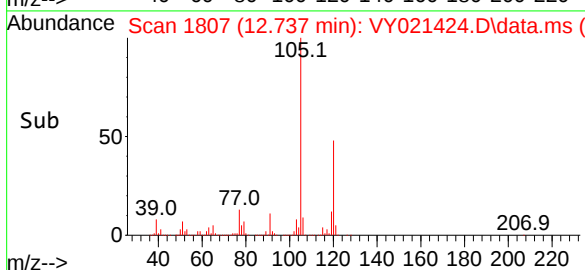
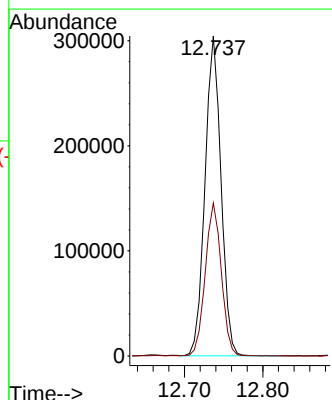
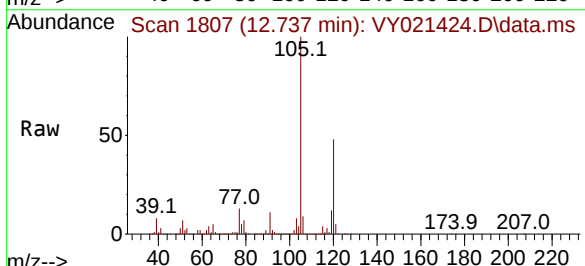
Acq: 05 Mar 2025 19:38

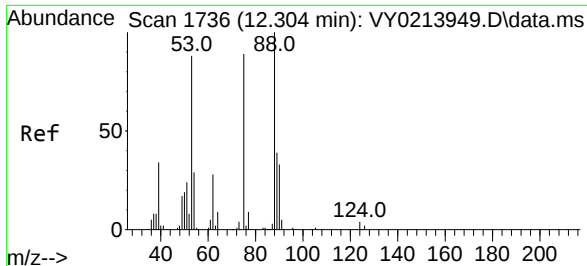
Tgt Ion: 105 Resp: 431291

Ion Ratio Lower Upper

105 100

120 48.0 24.6 73.6

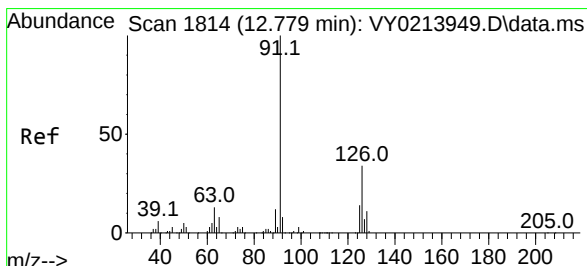
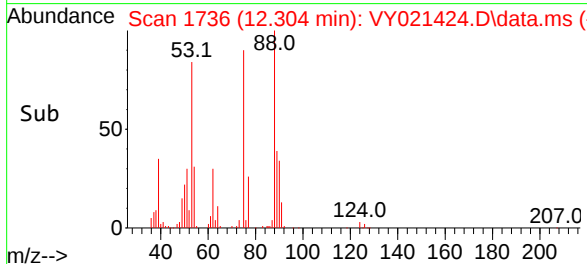
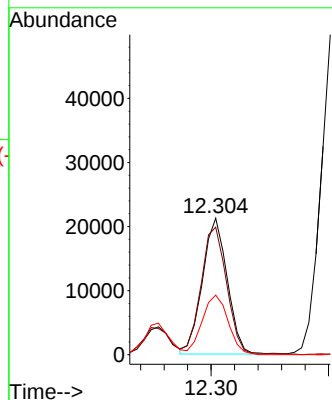
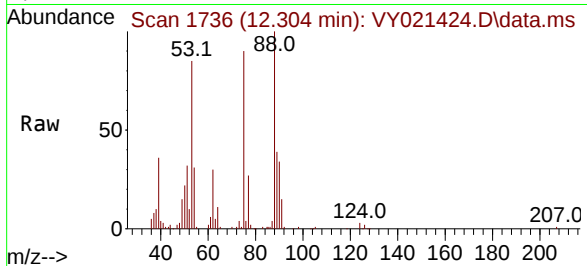




#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.412 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

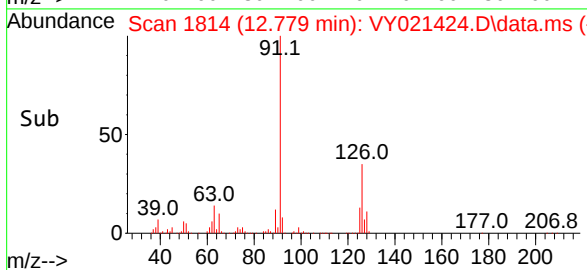
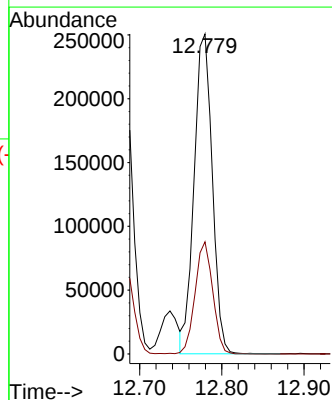
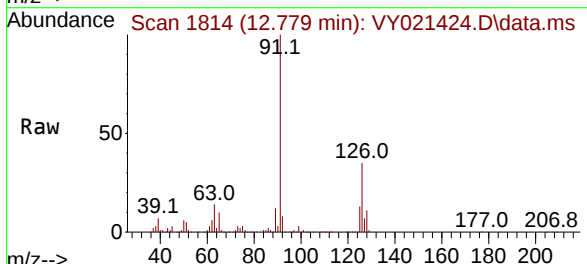
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

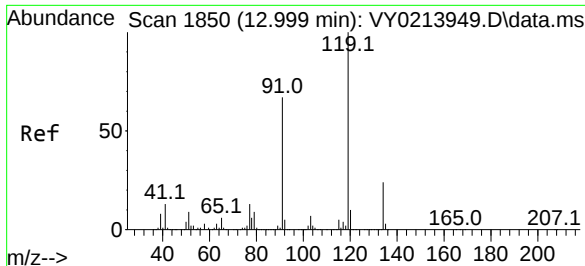
Tgt Ion: 75 Resp: 31174
 Ion Ratio Lower Upper
 75 100
 53 98.2 81.0 121.4
 89 45.4 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 41.833 ug/l
 RT: 12.779 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

Tgt Ion: 91 Resp: 383884
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.0 51.0

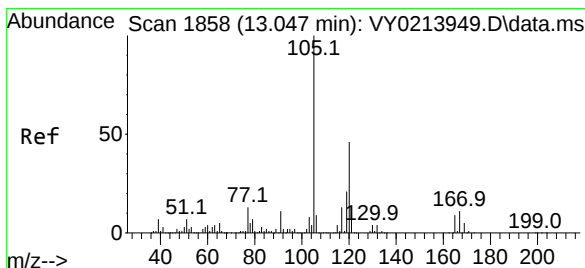
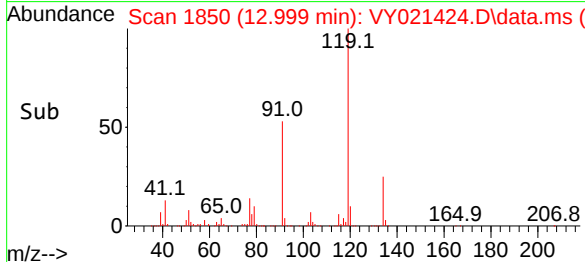
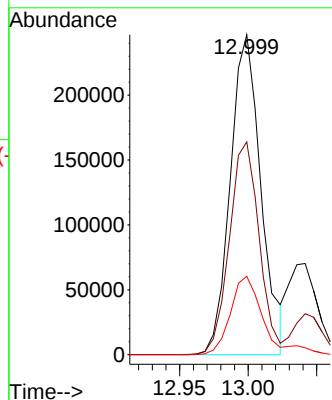
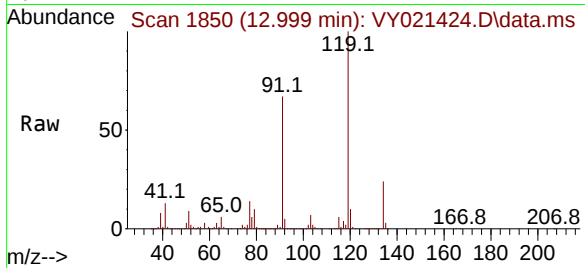




#83
 tert-Butylbenzene
 Concen: 41.504 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

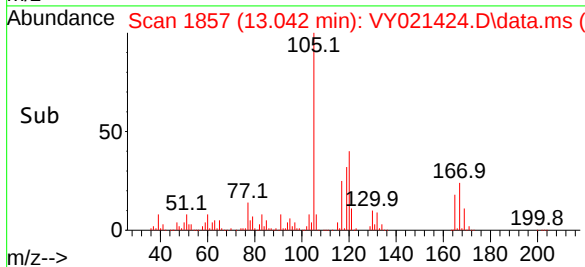
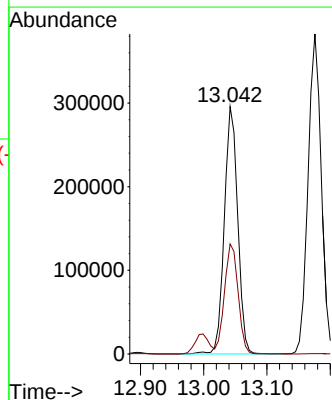
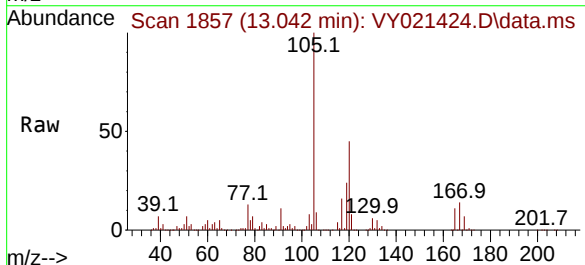
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

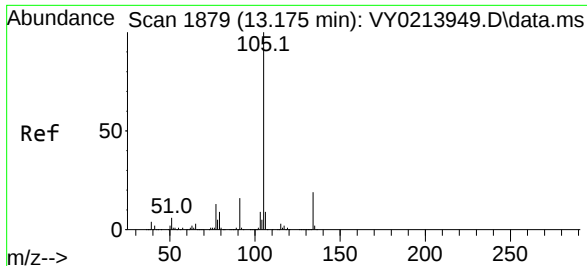
Tgt Ion:	119	Resp:	383975
Ion	Ratio	Lower	Upper
119	100		
91	64.6	33.2	99.6
134	26.4	13.5	40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 42.054 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

Tgt Ion:	105	Resp:	433013
Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.1





#85

sec-Butylbenzene

Concen: 39.990 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

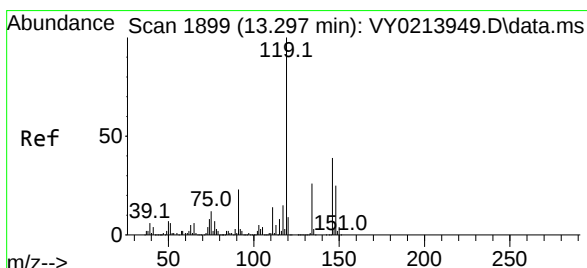
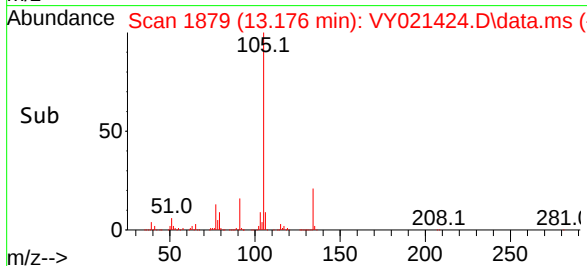
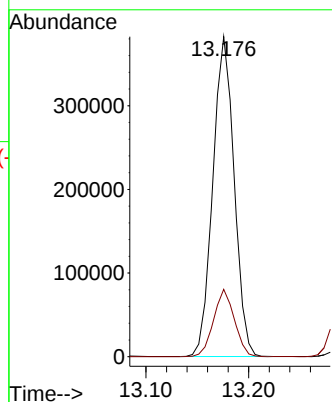
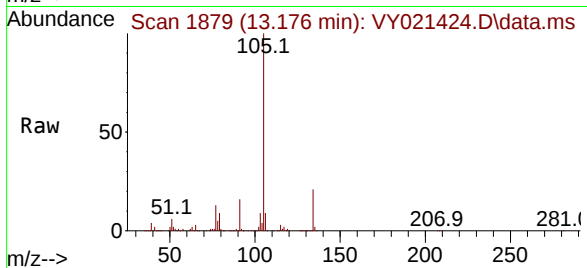
VSTDCCC050EC

Tgt Ion:105 Resp: 550455

Ion Ratio Lower Upper

105 100

134 20.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 41.093 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

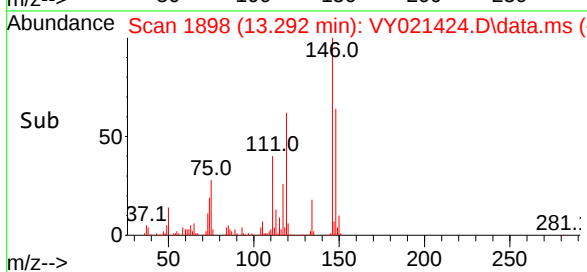
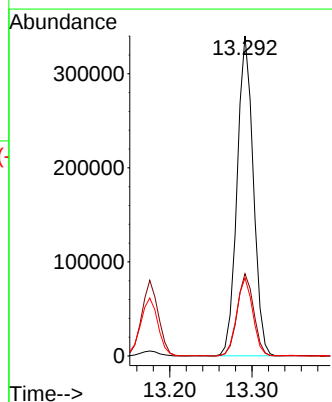
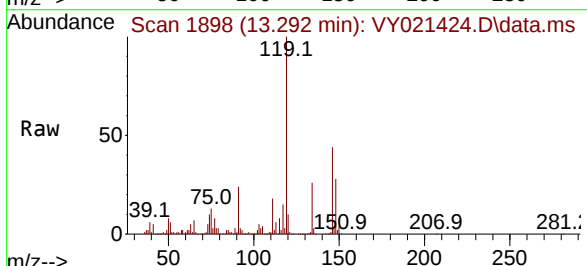
Tgt Ion:119 Resp: 466005

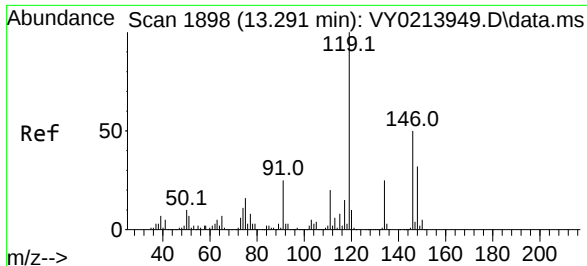
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 24.2 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 40.808 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

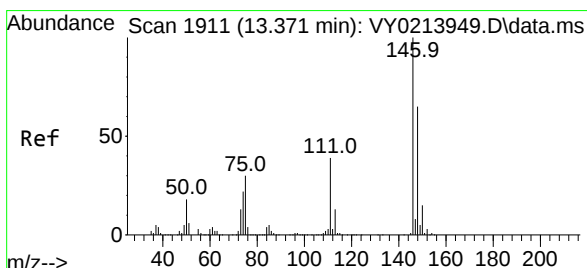
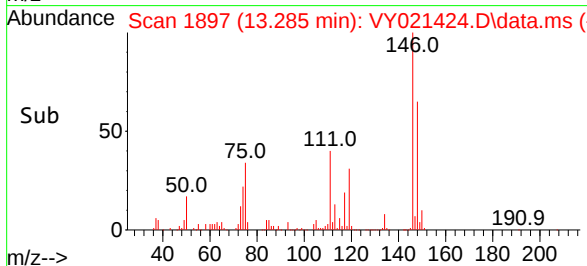
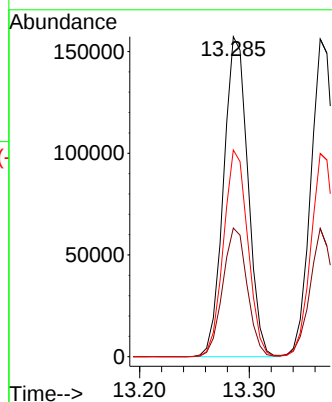
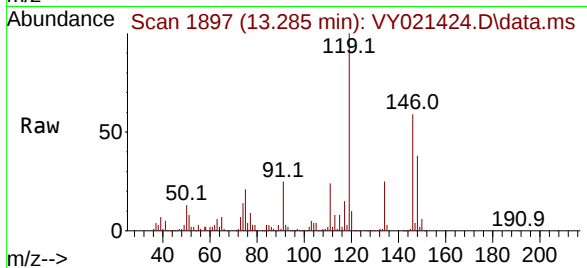
Tgt Ion:146 Resp: 242510

Ion Ratio Lower Upper

146 100

111 40.5 20.0 60.0

148 64.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 41.047 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

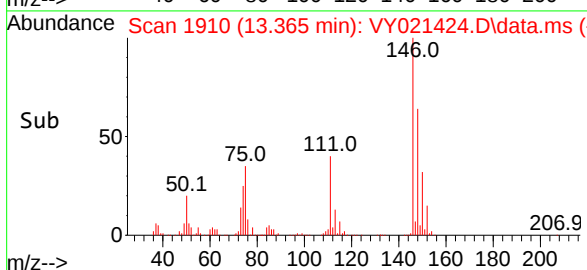
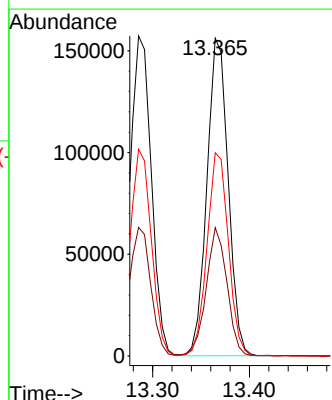
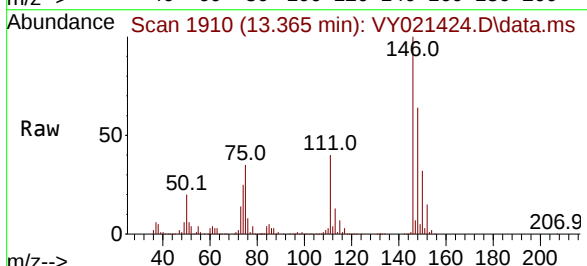
Tgt Ion:146 Resp: 238560

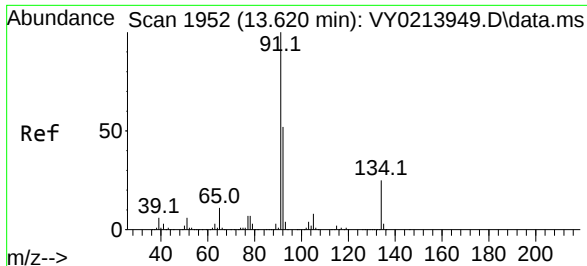
Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.8

148 64.5 32.3 96.8

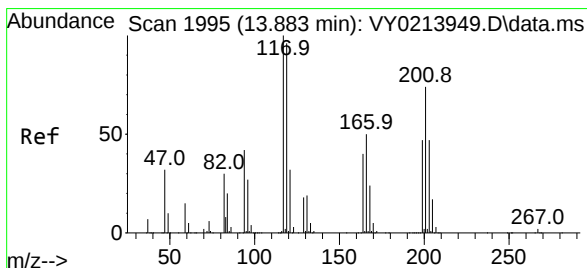
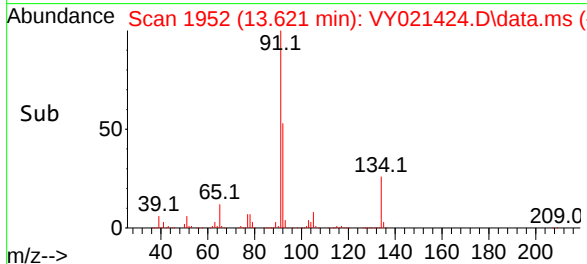
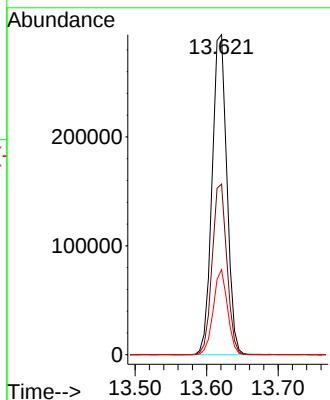
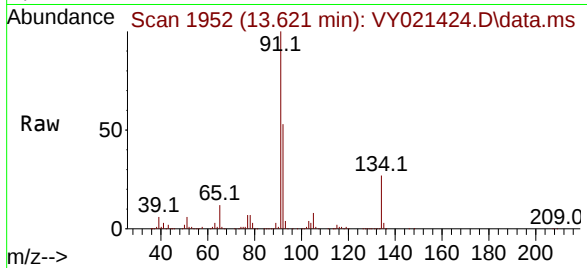




#89
n-Butylbenzene
Concen: 40.369 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

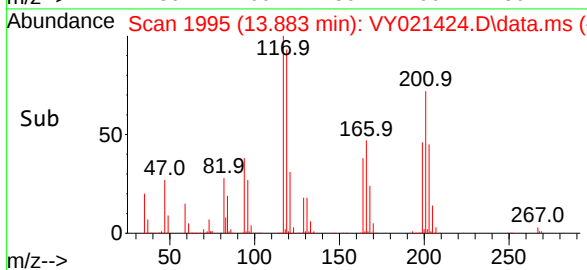
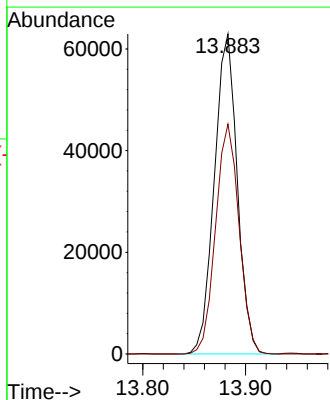
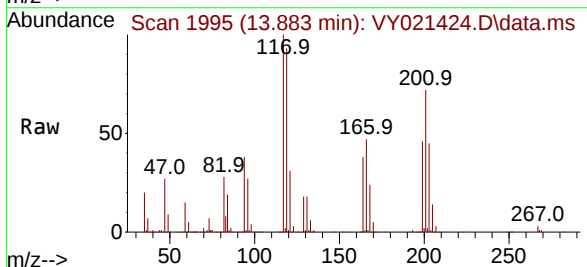
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

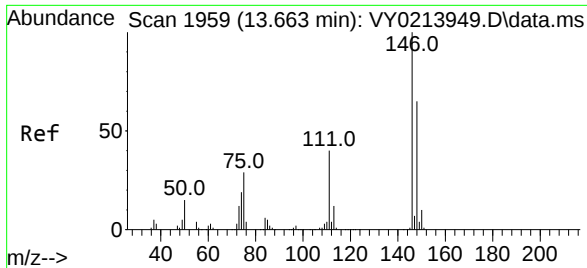
Tgt Ion: 91 Resp: 422729
Ion Ratio Lower Upper
91 100
92 53.0 26.1 78.3
134 25.4 12.6 37.8



#90
Hexachloroethane
Concen: 40.274 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY021424.D
Acq: 05 Mar 2025 19:38

Tgt Ion: 117 Resp: 97432
Ion Ratio Lower Upper
117 100
201 73.3 37.4 112.2

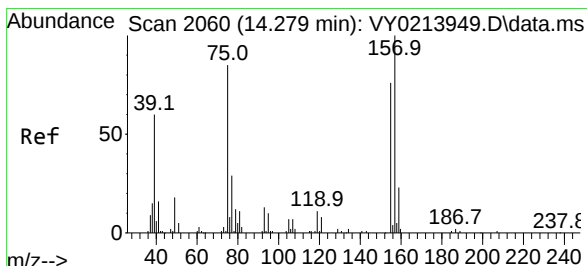
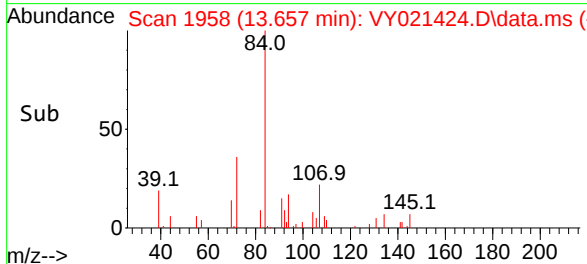
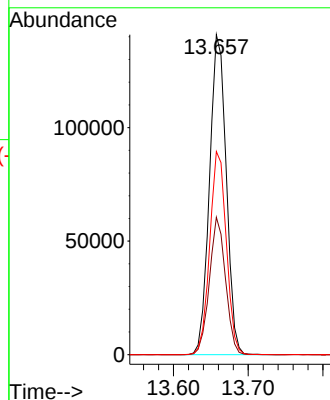
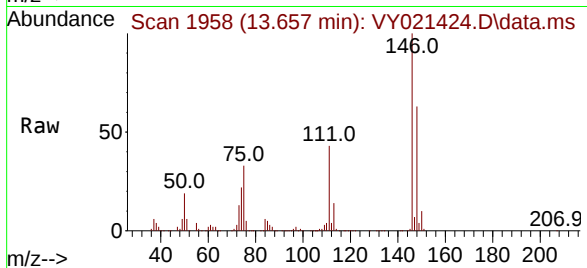




#91
 1,2-Dichlorobenzene
 Concen: 42.982 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

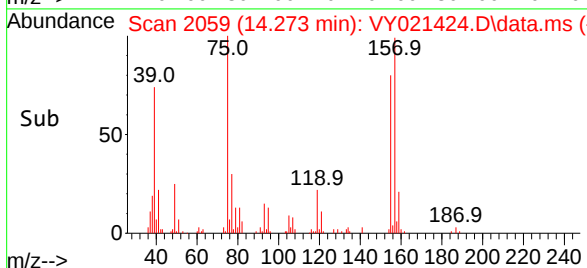
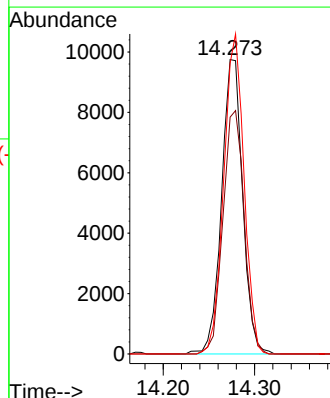
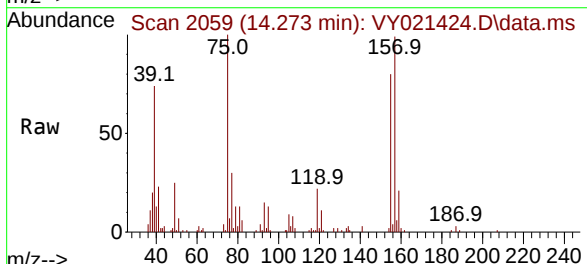
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

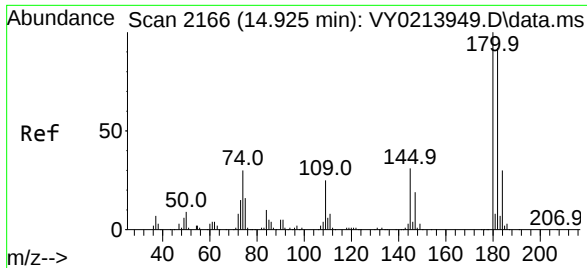
Tgt Ion:	146	Resp:	218928
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	62.9	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.373 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

Tgt Ion:	75	Resp:	15643
Ion	Ratio	Lower	Upper
75	100		
155	83.5	43.5	130.5
157	104.4	54.4	163.2

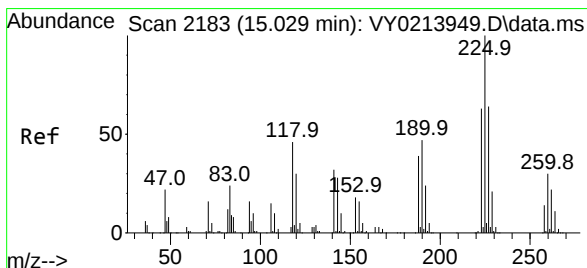
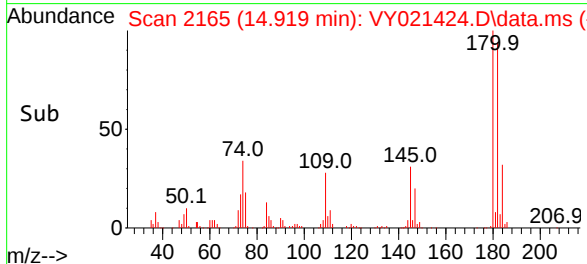
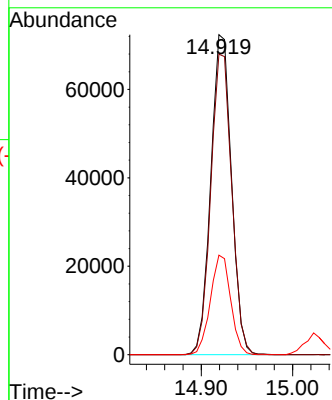
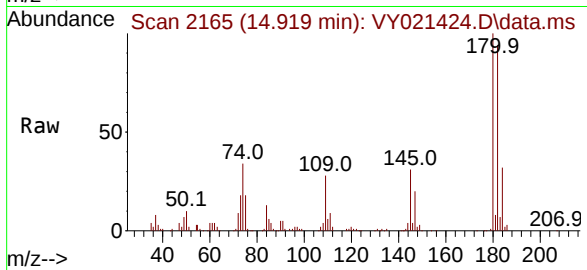




#93
 1,2,4-Trichlorobenzene
 Concen: 40.825 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

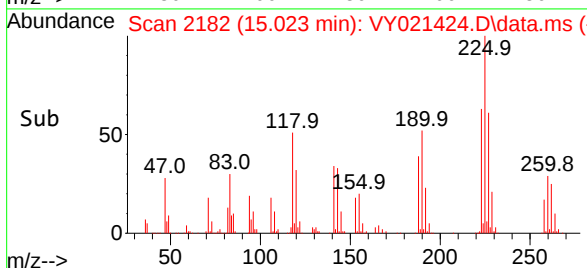
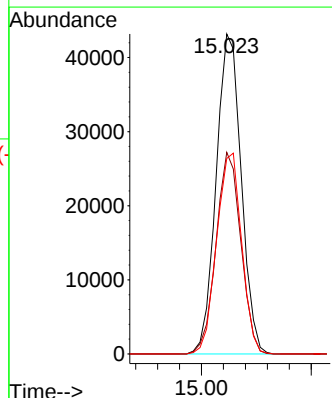
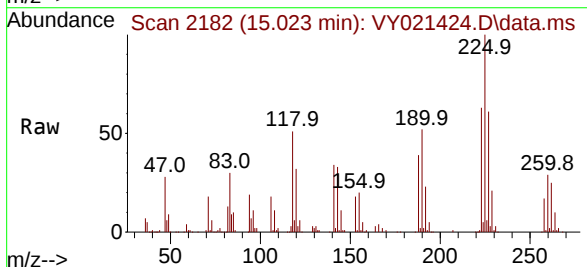
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

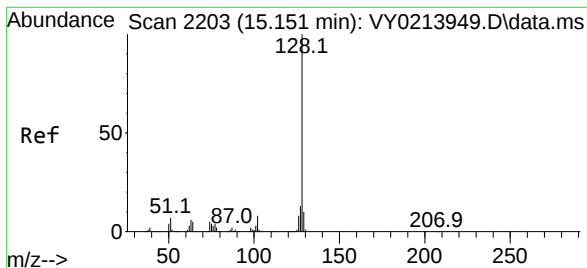
Tgt Ion:180 Resp: 113576
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.7 140.0
 145 30.6 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 39.328 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021424.D
 Acq: 05 Mar 2025 19:38

Tgt Ion:225 Resp: 68584
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.4 94.2
 227 62.6 31.8 95.4





#95

Naphthalene

Concen: 45.395 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

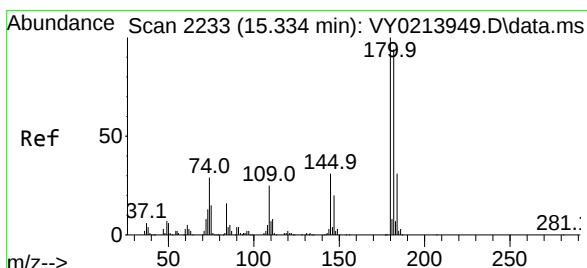
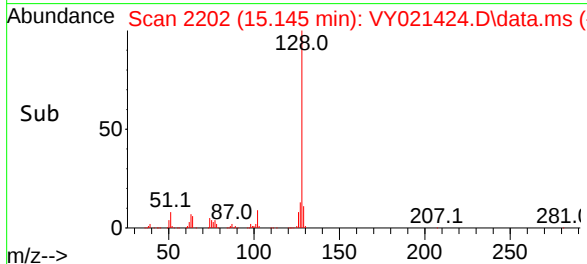
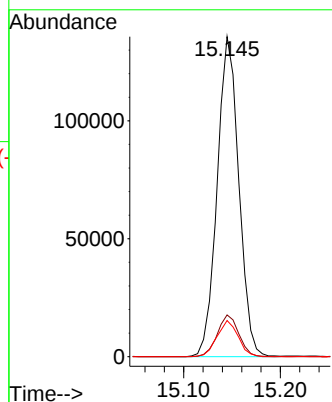
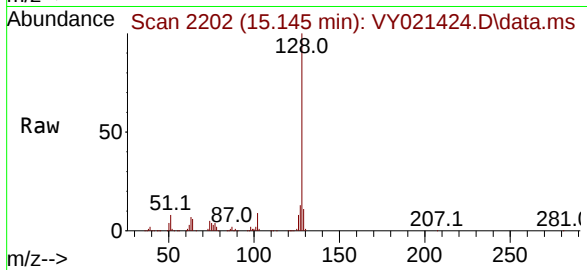
Tgt Ion:128 Resp: 210888

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 42.759 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021424.D

Acq: 05 Mar 2025 19:38

Tgt Ion:180 Resp: 100049

Ion Ratio Lower Upper

180 100

182 94.1 47.2 141.6

145 32.0 16.4 49.1

