

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022470.D
 Acq On : 29 May 2025 17:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 7.78g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 30 05:36:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	191971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	334442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	285657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	133776	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	109161	53.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.980%	
35) Dibromofluoromethane	7.640	113	100150	51.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.260%	
50) Toluene-d8	10.109	98	407189	50.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	12.408	95	120662	49.961	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	85294	46.570	ug/l	98
3) Chloromethane	2.068	50	274693	60.973	ug/l	99
4) Vinyl Chloride	2.202	62	329233	60.156	ug/l	100
5) Bromomethane	2.598	94	262382	52.755	ug/l	98
6) Chloroethane	2.739	64	218782	61.173	ug/l	99
7) Trichlorofluoromethane	3.049	101	251367	54.435	ug/l	98
8) Diethyl Ether	3.458	74	59000	55.413	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	105768	52.209	ug/l	100
10) Methyl Iodide	4.007	142	131108	57.364	ug/l	99
11) Tert butyl alcohol	4.878	59	39872	279.748	ug/l	98
12) 1,1-Dichloroethene	3.793	96	105424	52.416	ug/l	97
13) Acrolein	3.659	56	46000	215.397	ug/l	98
14) Allyl chloride	4.385	41	164196	54.270	ug/l	98
15) Acrylonitrile	5.061	53	125382	292.148	ug/l	99
16) Acetone	3.879	43	93223	280.563	ug/l #	88
17) Carbon Disulfide	4.110	76	335734	52.307	ug/l	99
18) Methyl Acetate	4.391	43	74624	59.955	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	300246	56.228	ug/l	98
20) Methylene Chloride	4.616	84	117911	50.253	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	118686	54.052	ug/l	94
22) Diisopropyl ether	6.025	45	366108	54.828	ug/l	99
23) Vinyl Acetate	5.964	43	1056834	275.643	ug/l	98
24) 1,1-Dichloroethane	5.921	63	218670	55.420	ug/l	99
25) 2-Butanone	6.902	43	156923	283.577	ug/l	99
26) 2,2-Dichloropropane	6.890	77	183879	51.467	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	141404	55.627	ug/l	98
28) Bromochloromethane	7.250	49	92598	56.201	ug/l	99
29) Tetrahydrofuran	7.268	42	106571	288.767	ug/l	99
30) Chloroform	7.427	83	219843	56.544	ug/l	95
31) Cyclohexane	7.707	56	191152	49.146	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	190339	53.942	ug/l	98
36) 1,1-Dichloropropene	7.841	75	161158	51.853	ug/l	99
37) Ethyl Acetate	6.994	43	72712	55.050	ug/l	99
38) Carbon Tetrachloride	7.823	117	166842	51.533	ug/l	98
39) Methylcyclohexane	9.109	83	208499	50.467	ug/l	98
40) Benzene	8.085	78	490343	53.022	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	58880	73.446	ug/l #	49
42) 1,2-Dichloroethane	8.164	62	135293	55.392	ug/l	100
43) Isopropyl Acetate	8.201	43	156013	54.053	ug/l	99
44) Trichloroethene	8.872	130	119171	52.127	ug/l	98
45) 1,2-Dichloropropane	9.146	63	116174	53.466	ug/l	100
46) Dibromomethane	9.231	93	65379	53.862	ug/l	100
47) Bromodichloromethane	9.426	83	168924	54.119	ug/l	96
48) Methyl methacrylate	9.225	41	72736	54.288	ug/l	99
49) 1,4-Dioxane	9.237	88	14779	1102.345	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	405257	284.572	ug/l	100
52) Toluene	10.176	92	307963	53.315	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	155924	53.629	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	180693	52.891	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	85459	55.686	ug/l	99
56) Ethyl methacrylate	10.444	69	119707	54.355	ug/l	95
57) 1,3-Dichloropropane	10.719	76	147727	54.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	299741	273.090	ug/l	99
59) 2-Hexanone	10.761	43	263019	281.823	ug/l	99
60) Dibromochloromethane	10.914	129	105764	53.951	ug/l	99
61) 1,2-Dibromoethane	11.018	107	77894	55.494	ug/l	100
64) Tetrachloroethene	10.652	164	130146	53.496	ug/l	98
65) Chlorobenzene	11.444	112	325117	53.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	109834	53.221	ug/l	100
67) Ethyl Benzene	11.517	91	597773	52.854	ug/l	99
68) m/p-Xylenes	11.627	106	451191	105.221	ug/l	99
69) o-Xylene	11.956	106	210524	52.238	ug/l	99
70) Styrene	11.969	104	358759	53.462	ug/l	99
71) Bromoform	12.133	173	58816	54.410	ug/l #	95
73) Isopropylbenzene	12.255	105	556024	52.810	ug/l	99
74) N-amyl acetate	12.072	43	140348	54.477	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	90065	54.295	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	127051	94.815	ug/l #	100
77) Bromobenzene	12.529	156	117502	51.861	ug/l	96
78) n-propylbenzene	12.597	91	670933	53.100	ug/l	99
79) 2-Chlorotoluene	12.682	91	360358	52.686	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	440313	53.524	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	31632	53.384	ug/l	97
82) 4-Chlorotoluene	12.779	91	372691	52.907	ug/l	100
83) tert-Butylbenzene	12.999	119	390751	52.573	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	437800	52.884	ug/l	99
85) sec-Butylbenzene	13.176	105	588004	53.345	ug/l	100
86) p-Isopropyltoluene	13.291	119	491408	53.388	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	239918	52.627	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	228234	52.358	ug/l	99
89) n-Butylbenzene	13.615	91	461407	53.463	ug/l	99
90) Hexachloroethane	13.883	117	94937	51.830	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	201007	52.788	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13144	51.278	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	108671	51.479	ug/l	97
94) Hexachlorobutadiene	15.023	225	57641	52.030	ug/l	96
95) Naphthalene	15.145	128	209768	53.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	90036	52.006	ug/l	99

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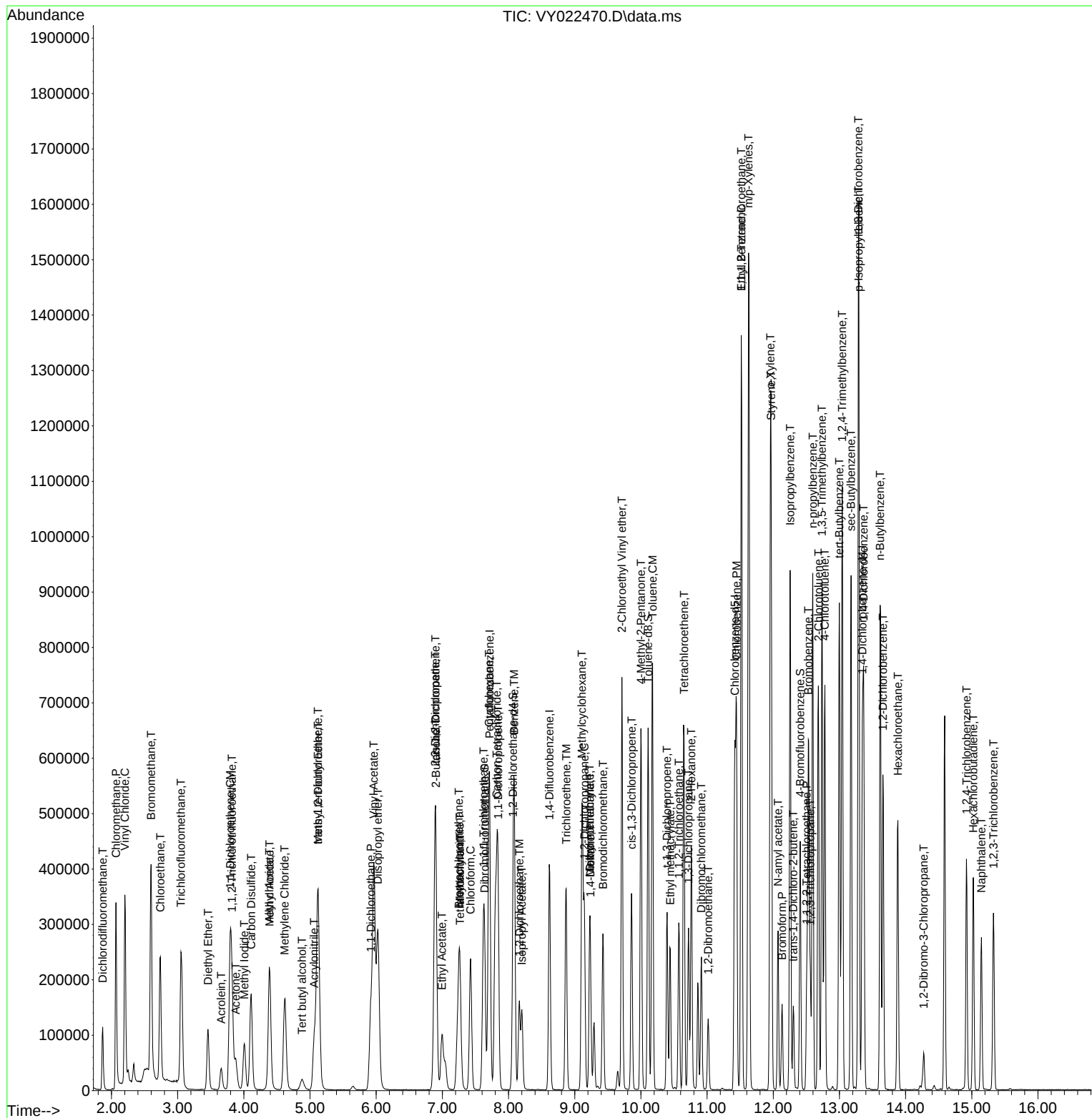
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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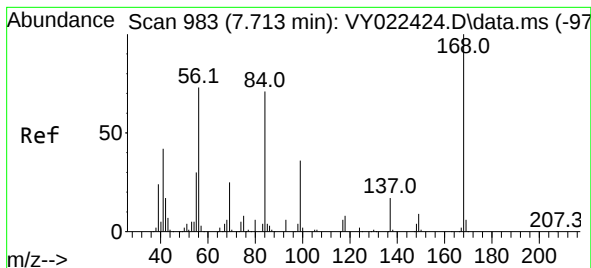
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY022470.D

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Instrument :

MSVOA_Y

ClientSampleId :

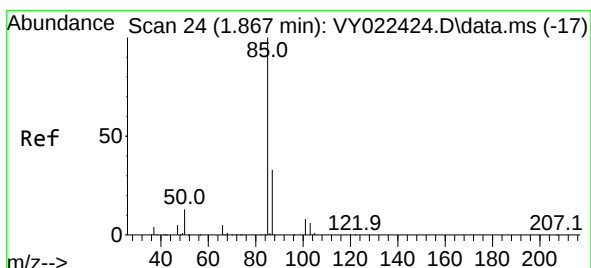
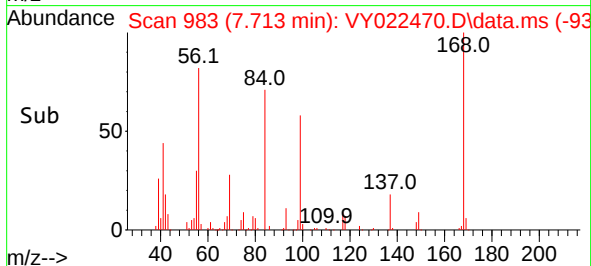
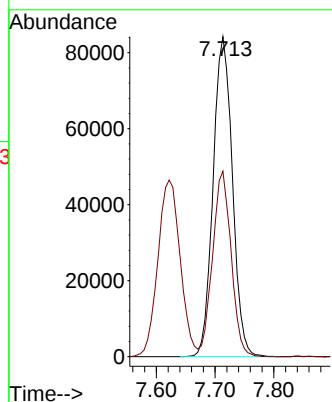
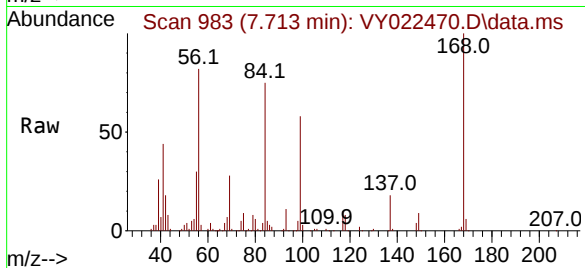
VSTDCCC050EC

Tgt Ion:168 Resp: 191971

Ion Ratio Lower Upper

168 100

99 58.0 44.7 67.1



#2

Dichlorodifluoromethane

Concen: 46.570 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY022470.D

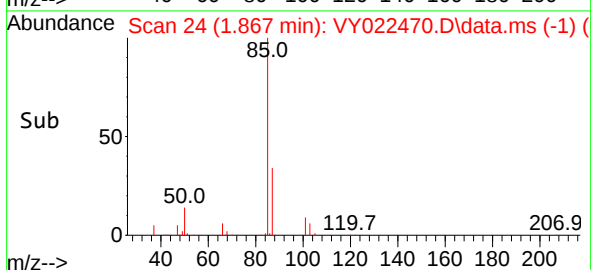
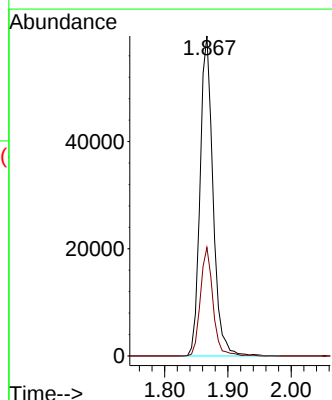
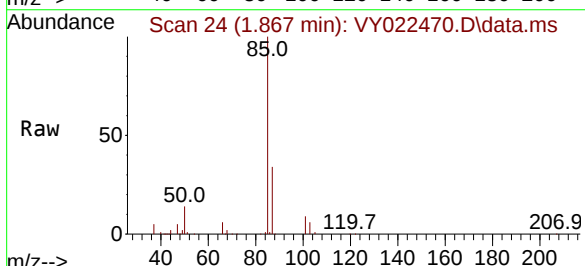
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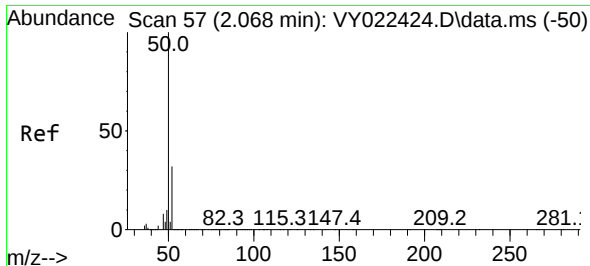
Tgt Ion: 85 Resp: 85294

Ion Ratio Lower Upper

85 100

87 33.9 16.4 49.2

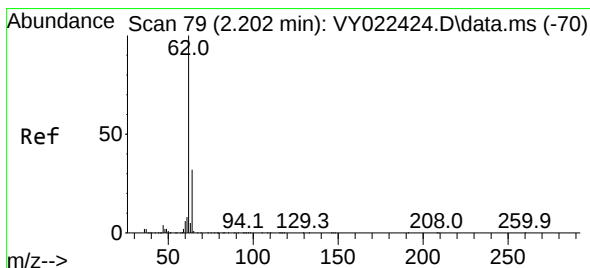
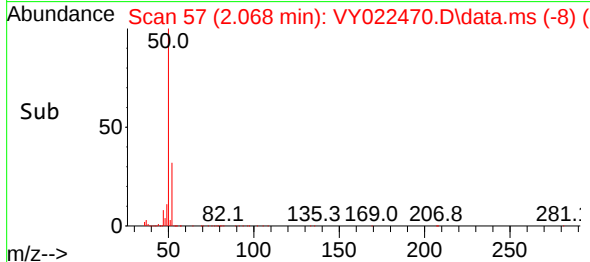
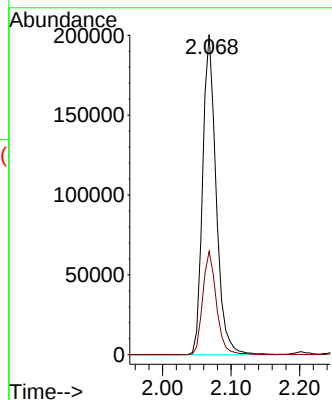
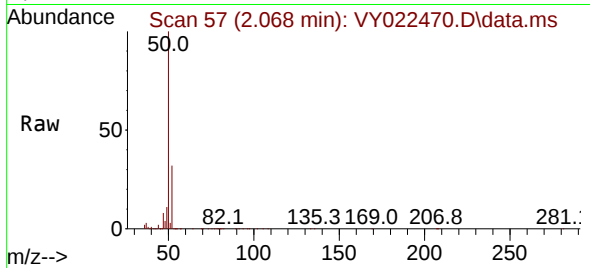




#3
Chloromethane
Concen: 60.973 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022470.D
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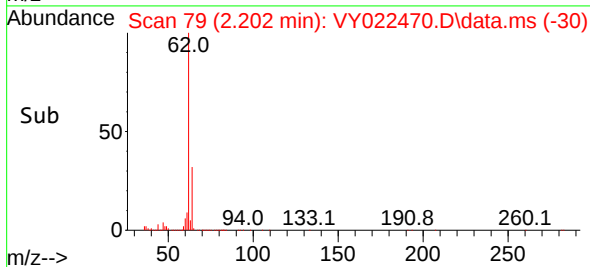
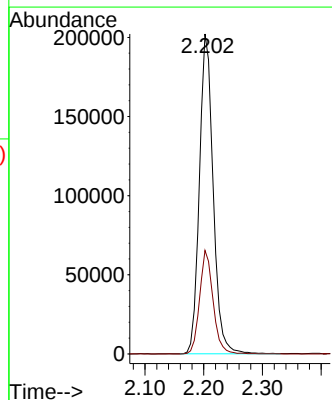
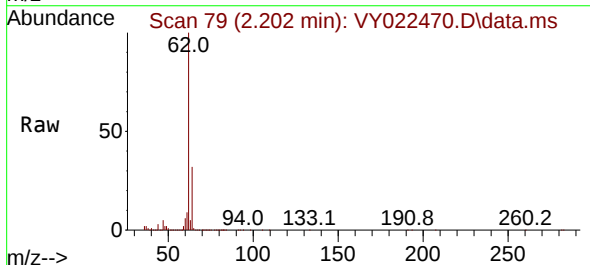
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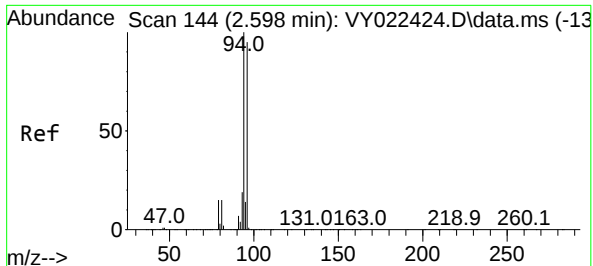
Tgt Ion: 50 Resp: 274693
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3



#4
Vinyl Chloride
Concen: 60.156 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 62 Resp: 329233
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0

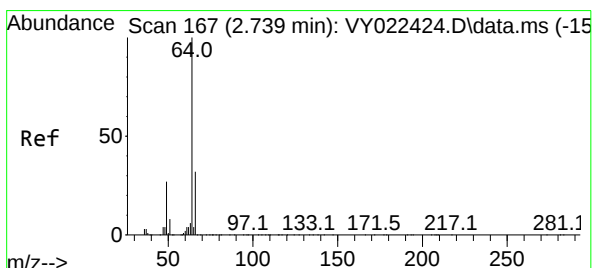
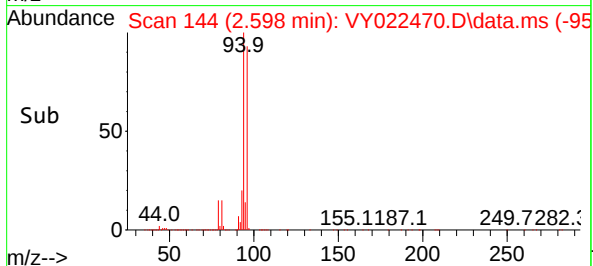
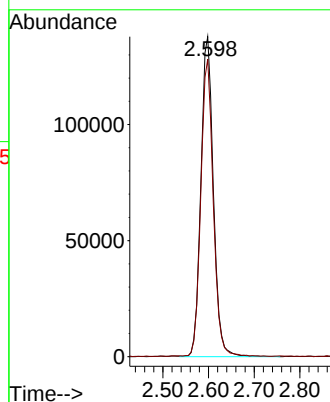
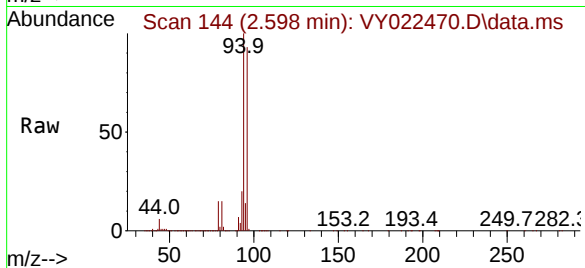




#5
Bromomethane
Concen: 52.755 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022470.D
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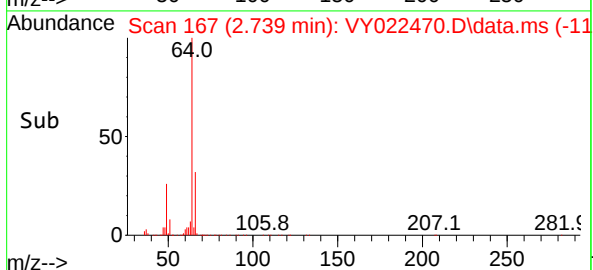
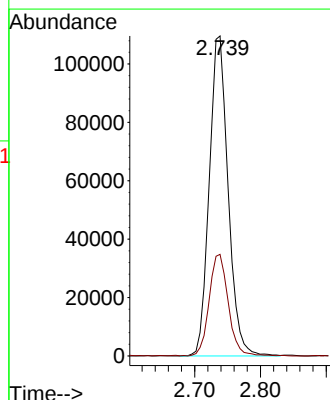
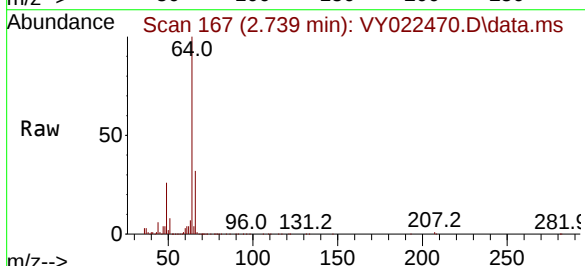
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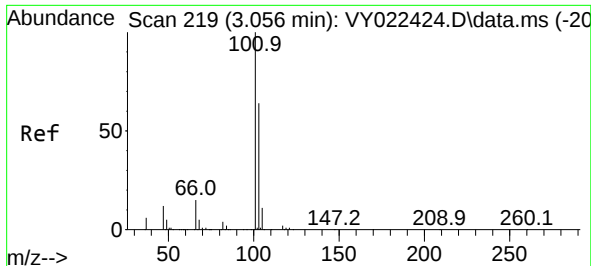
Tgt Ion: 94 Resp: 262382
Ion Ratio Lower Upper
94 100
96 92.8 76.0 114.0



#6
Chloroethane
Concen: 61.173 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022470.D
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Tgt Ion: 64 Resp: 218782
Ion Ratio Lower Upper
64 100
66 31.7 25.9 38.9

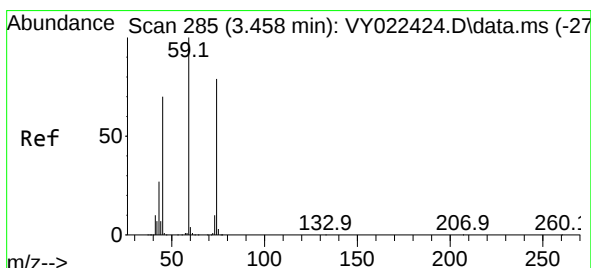
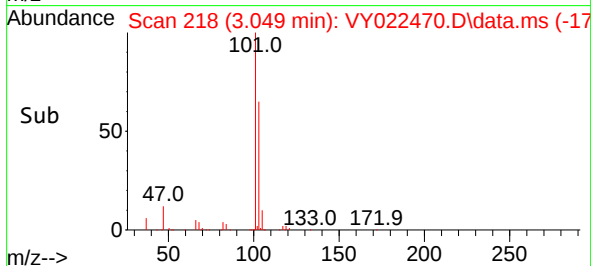
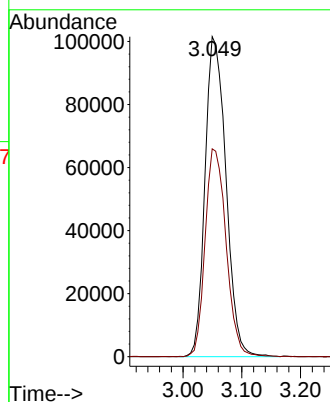
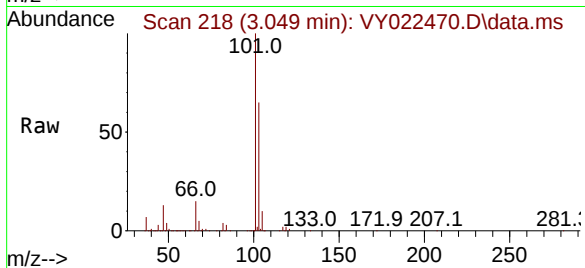




#7
 Trichlorofluoromethane
 Concen: 54.435 ug/l
 RT: 3.049 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022470.D
 Acq: 29 May 2025 17:04

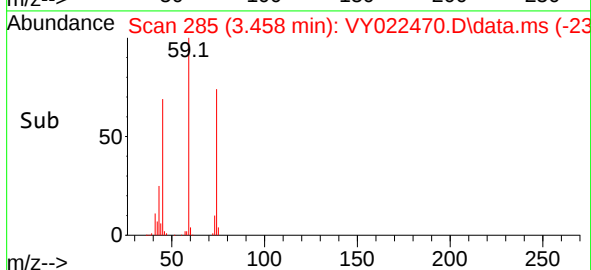
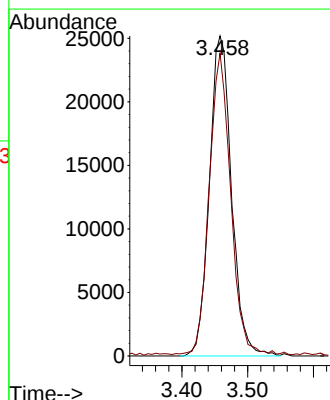
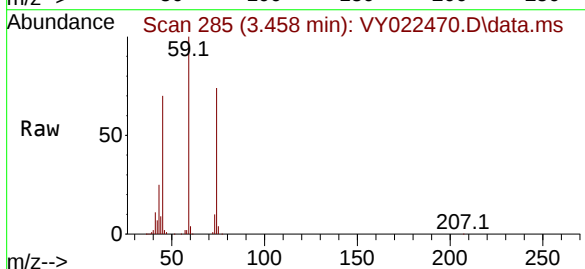
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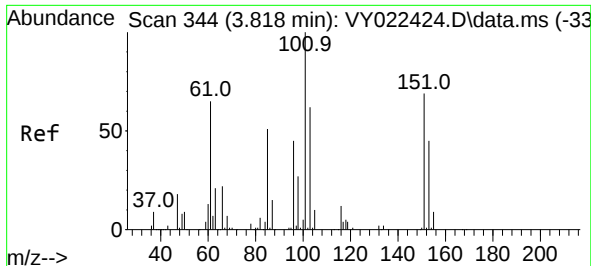
Tgt Ion:101 Resp: 251367
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.9 76.3



#8
 Diethyl Ether
 Concen: 55.413 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 59000
 Ion Ratio Lower Upper
 74 100
 45 91.2 44.9 134.5

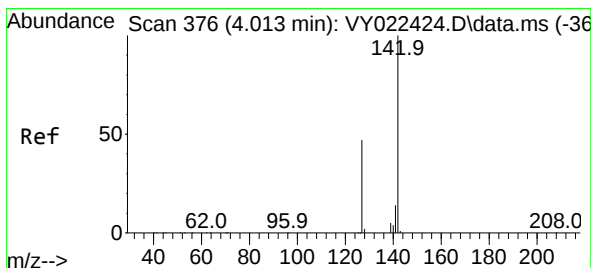
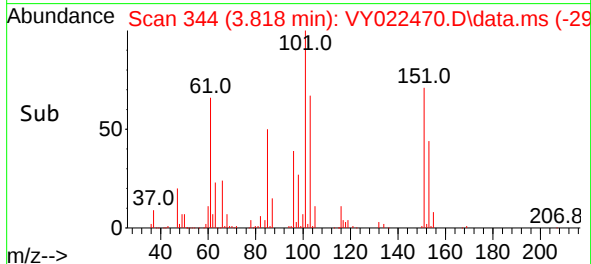
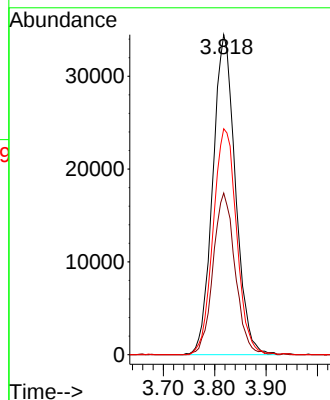
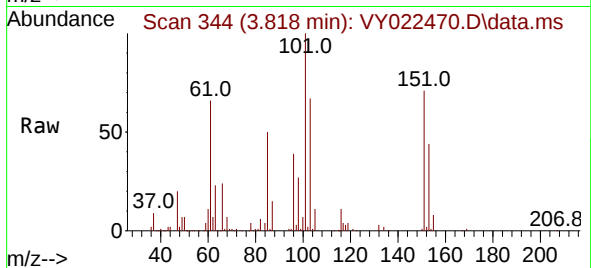




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.209 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

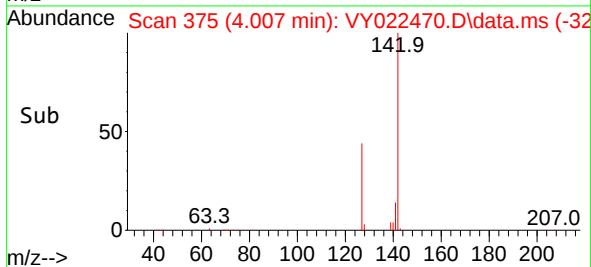
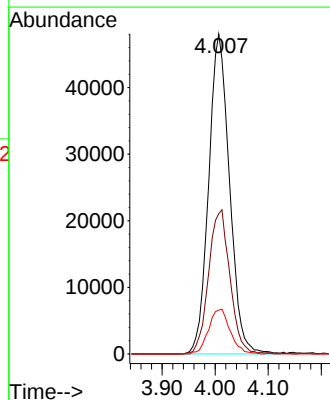
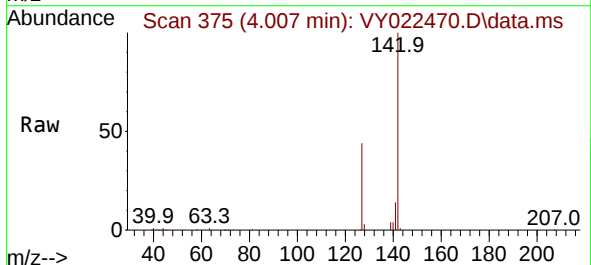
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

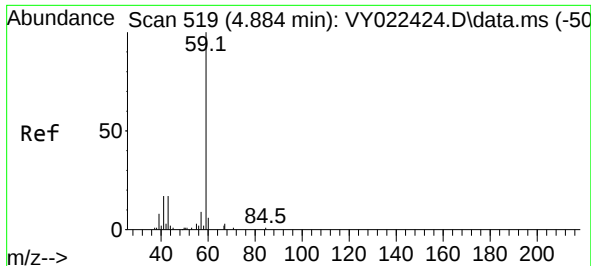
Tgt Ion:101 Resp: 105768
Ion Ratio Lower Upper
101 100
85 49.2 39.2 58.8
151 73.1 58.8 88.2



#10
Methyl Iodide
Concen: 57.364 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion:142 Resp: 131108
Ion Ratio Lower Upper
142 100
127 46.4 36.2 54.4
141 14.5 11.6 17.4

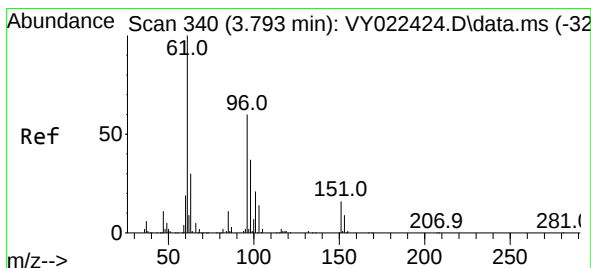
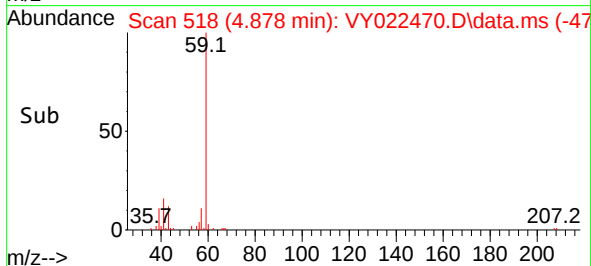
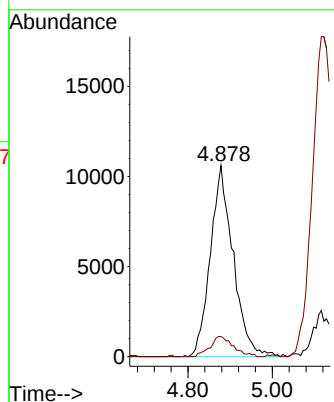
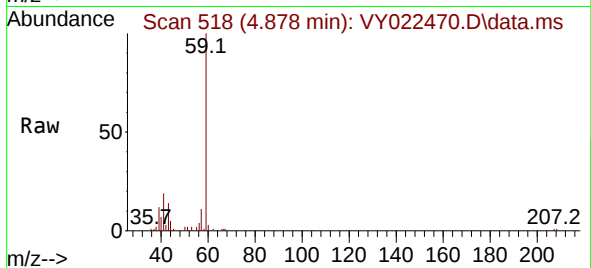




#11
Tert butyl alcohol
Concen: 279.748 ug/l
RT: 4.878 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

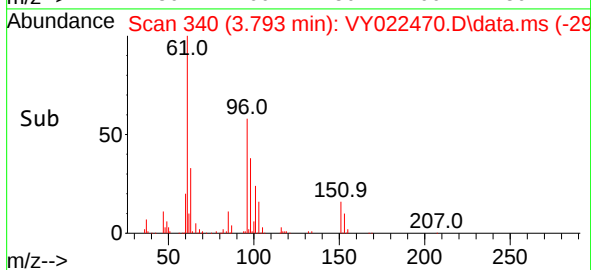
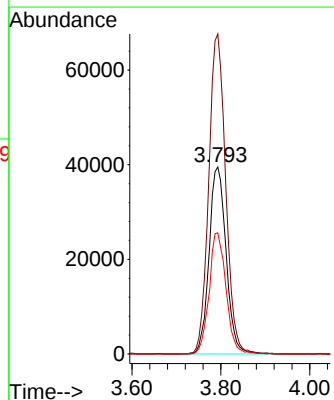
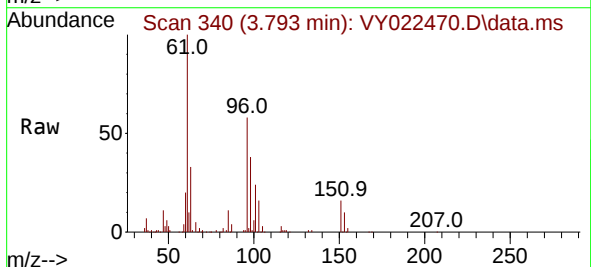
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

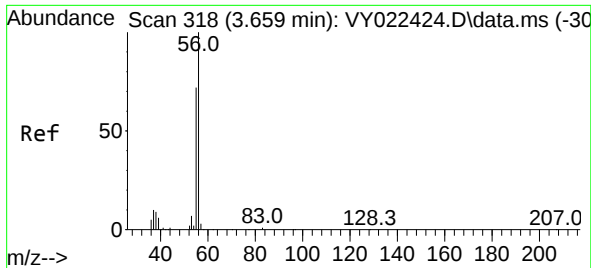
Tgt Ion: 59 Resp: 39872
Ion Ratio Lower Upper
59 100
57 10.8 9.1 13.7



#12
1,1-Dichloroethene
Concen: 52.416 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 96 Resp: 105424
Ion Ratio Lower Upper
96 100
61 171.1 134.1 201.1
98 64.8 50.2 75.2





#13

Acrolein

Concen: 215.397 ug/l

RT: 3.659 min Scan# 318

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

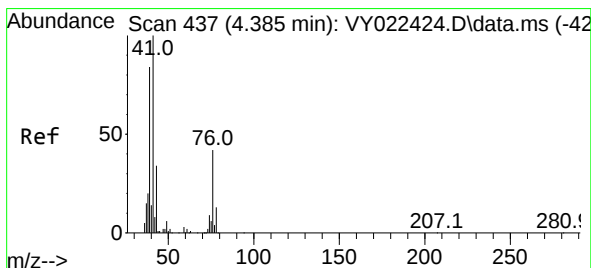
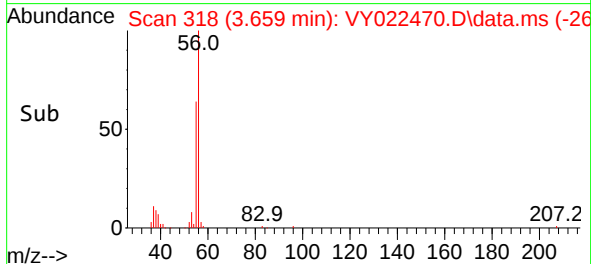
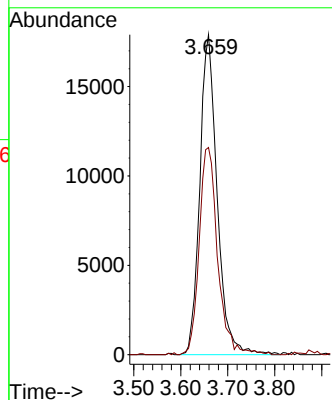
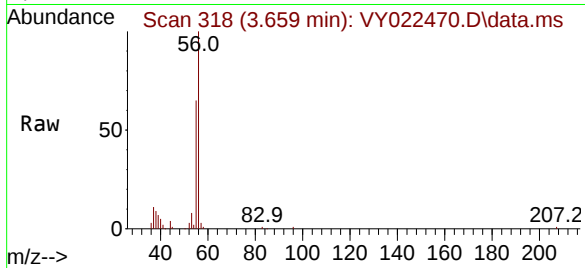
VSTDCCC050EC

Tgt Ion: 56 Resp: 46000

Ion Ratio Lower Upper

56 100

55 68.9 56.5 84.7



#14

Allyl chloride

Concen: 54.270 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

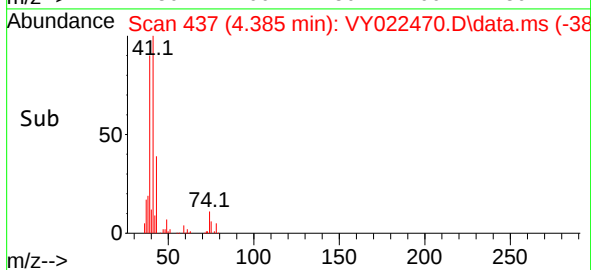
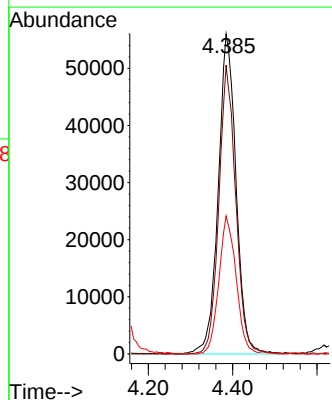
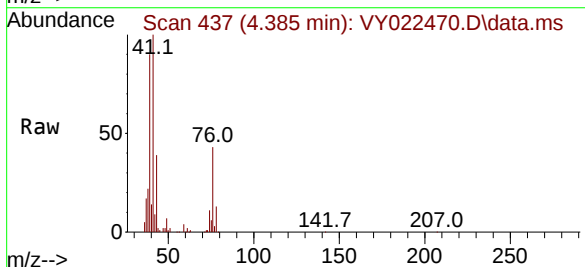
Tgt Ion: 41 Resp: 164196

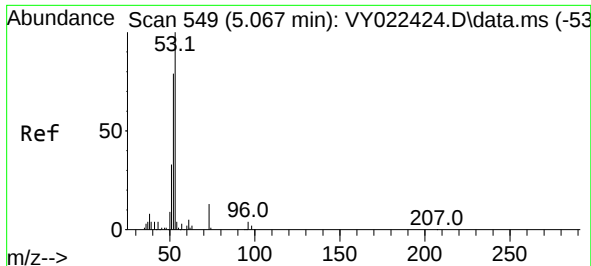
Ion Ratio Lower Upper

41 100

39 85.6 66.6 100.0

76 41.6 33.7 50.5

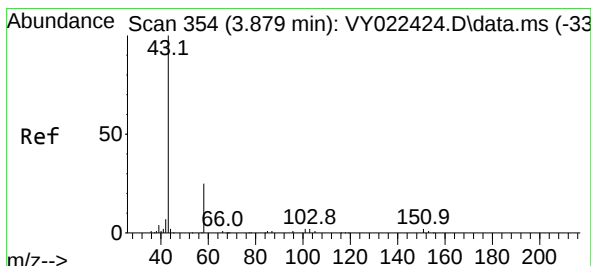
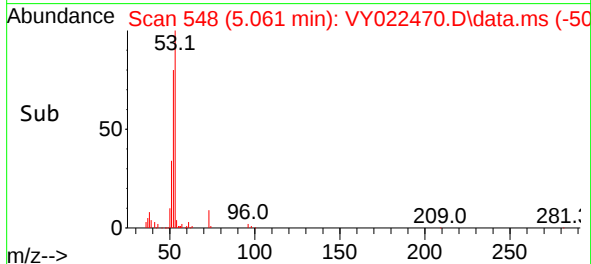
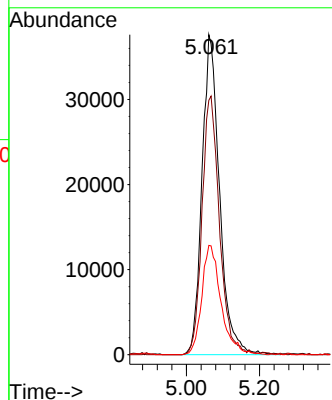
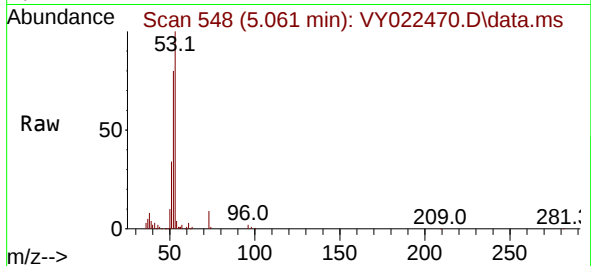




#15
Acrylonitrile
Concen: 292.148 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

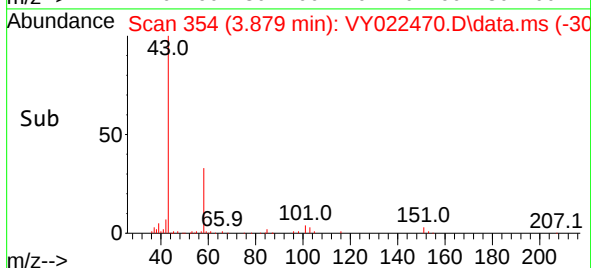
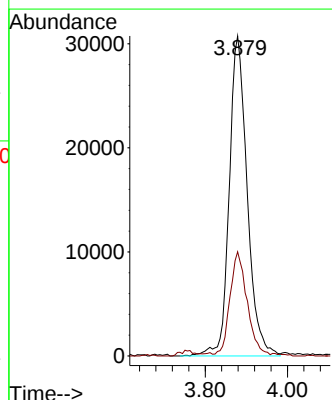
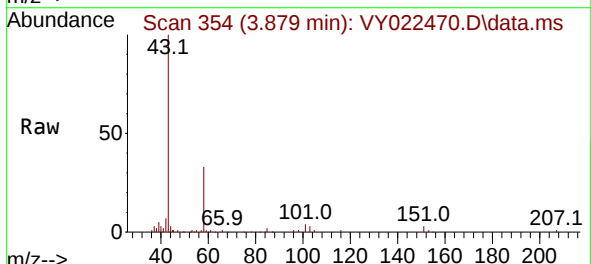
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

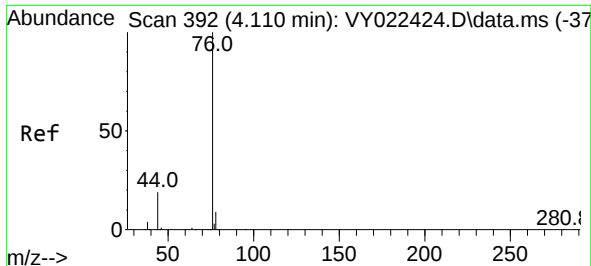
Tgt Ion: 53 Resp: 125382
Ion Ratio Lower Upper
53 100
52 79.8 65.1 97.7
51 37.4 30.0 45.0



#16
Acetone
Concen: 280.563 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 43 Resp: 93223
Ion Ratio Lower Upper
43 100
58 32.0 20.6 30.8#

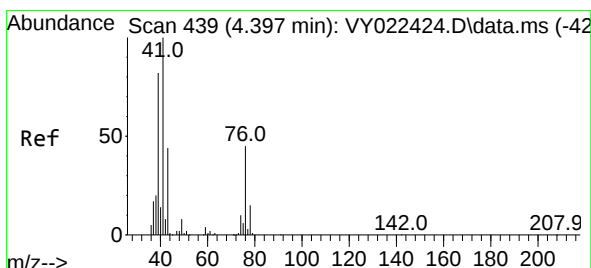
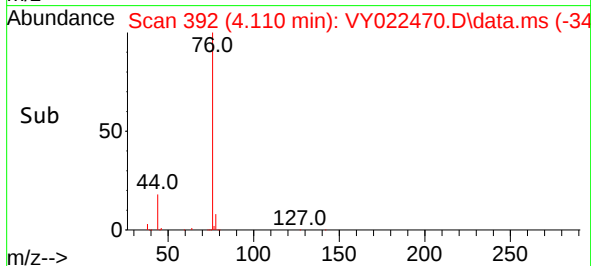
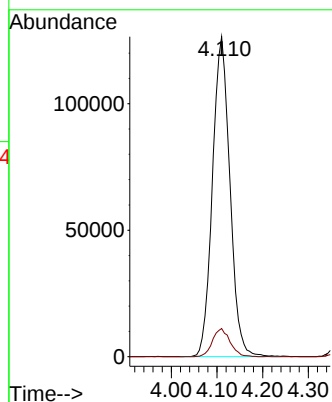
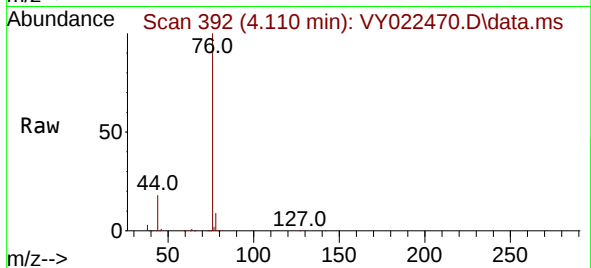




#17
Carbon Disulfide
Concen: 52.307 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

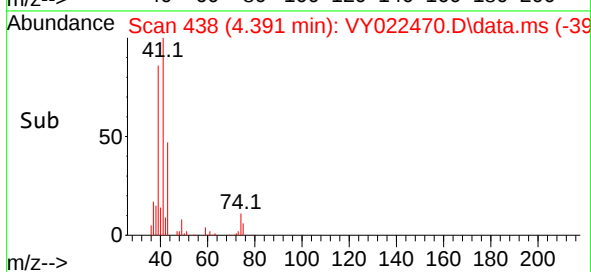
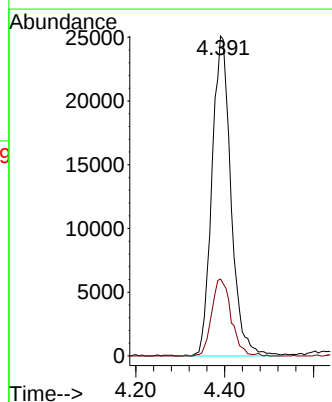
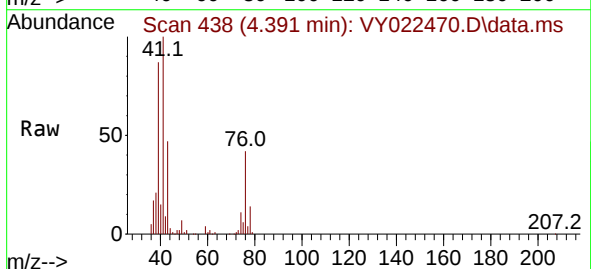
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

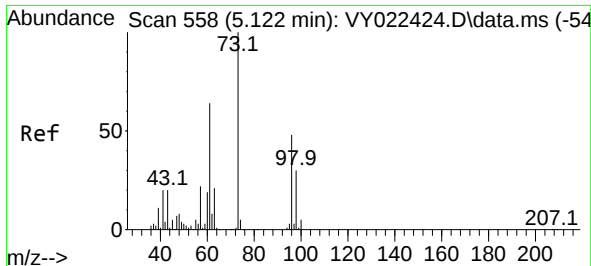
Tgt Ion: 76 Resp: 335734
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 59.955 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 43 Resp: 74624
Ion Ratio Lower Upper
43 100
74 24.5 21.2 31.8

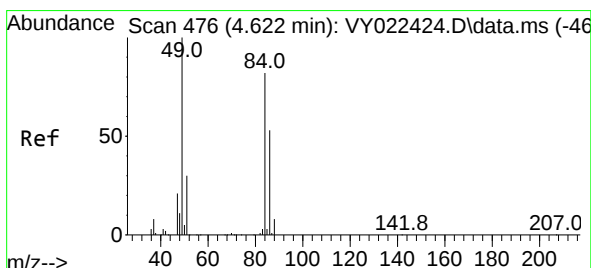
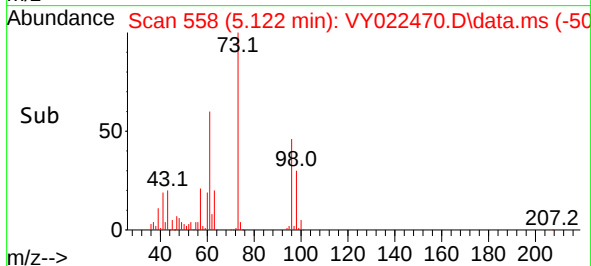
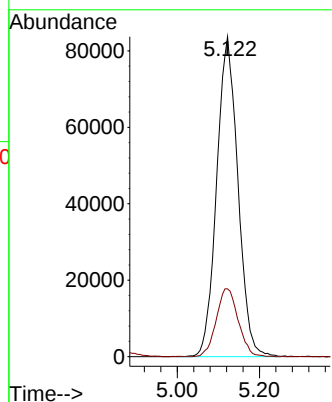
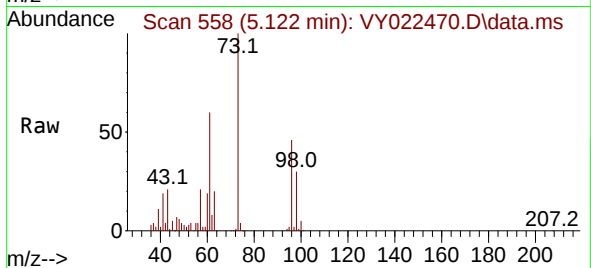




#19
Methyl tert-butyl Ether
Concen: 56.228 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

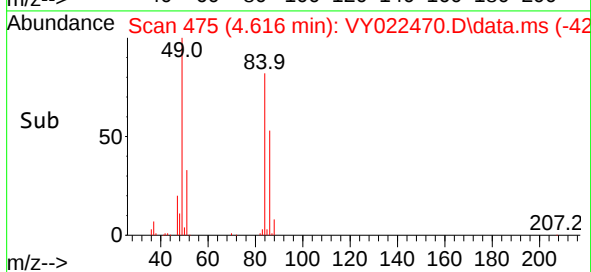
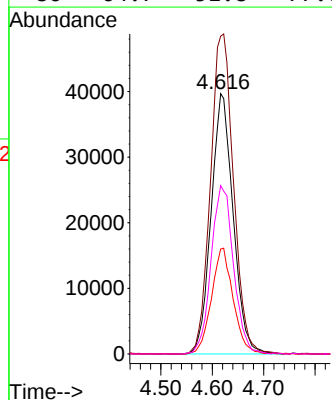
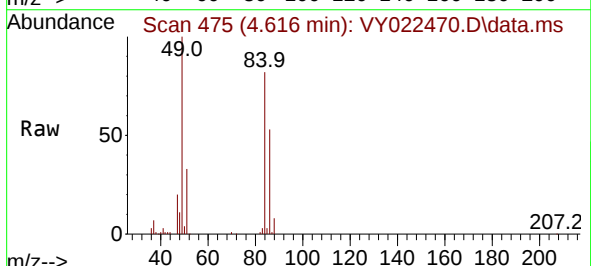
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

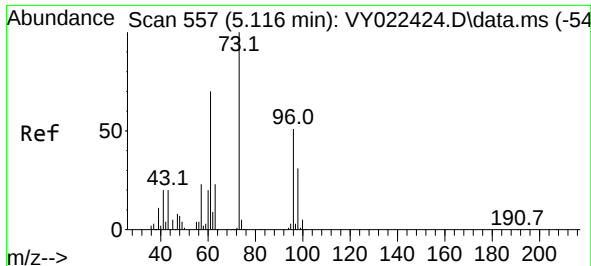
Tgt Ion: 73 Resp: 300246
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 50.253 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 84 Resp: 117911
Ion Ratio Lower Upper
84 100
49 122.0 97.8 146.8
51 40.3 29.5 44.3
86 64.7 51.8 77.6

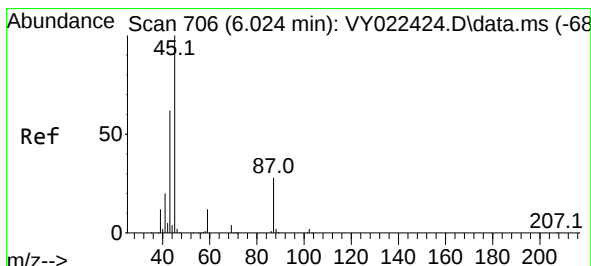
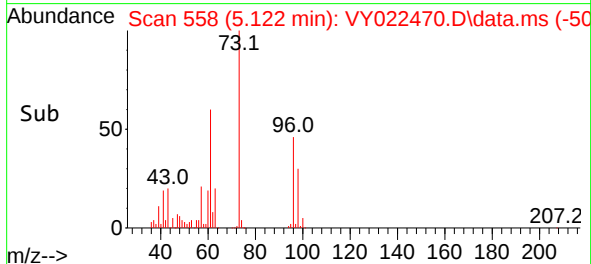
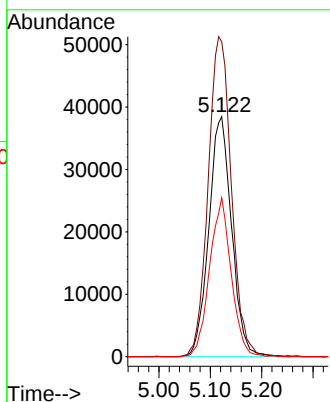
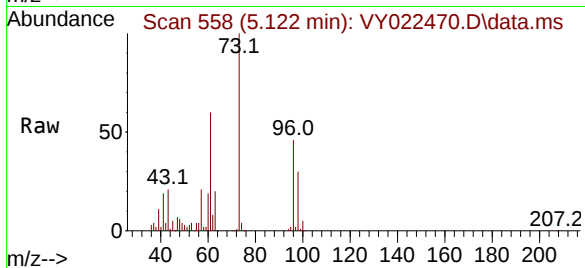




#21
trans-1,2-Dichloroethene
Concen: 54.052 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

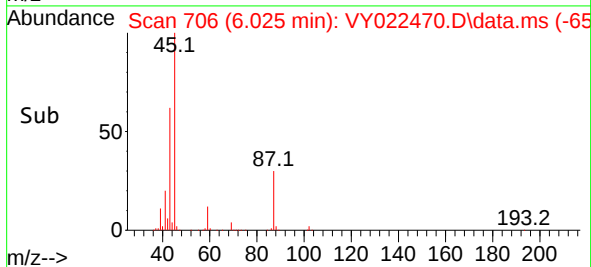
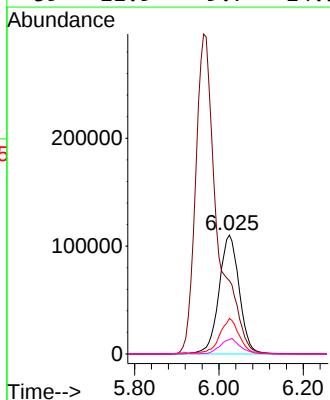
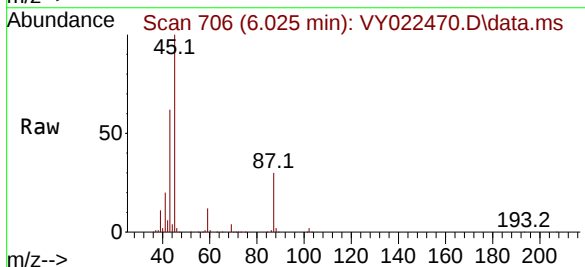
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

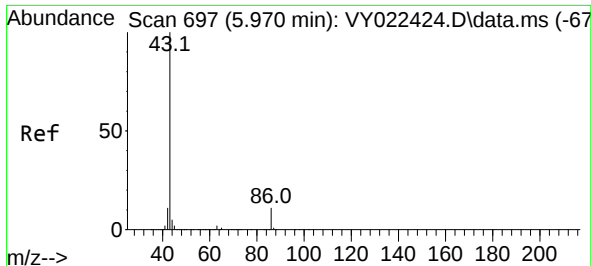
Tgt Ion: 96 Resp: 118686
Ion Ratio Lower Upper
96 100
61 131.2 110.4 165.6
98 66.2 48.6 73.0



#22
Diisopropyl ether
Concen: 54.828 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 45 Resp: 366108
Ion Ratio Lower Upper
45 100
43 61.3 49.8 74.8
87 29.8 23.0 34.6
59 11.9 9.7 14.5

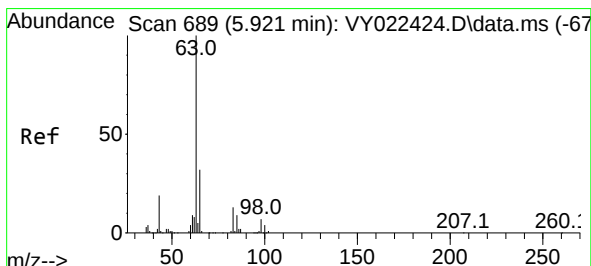
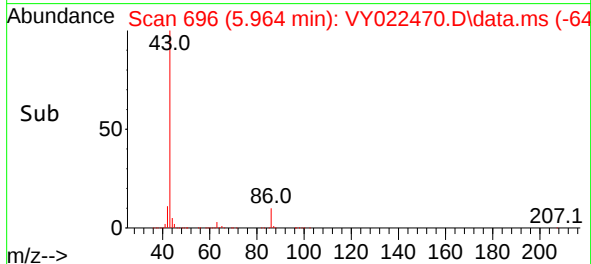
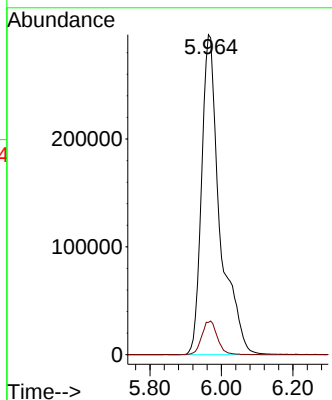
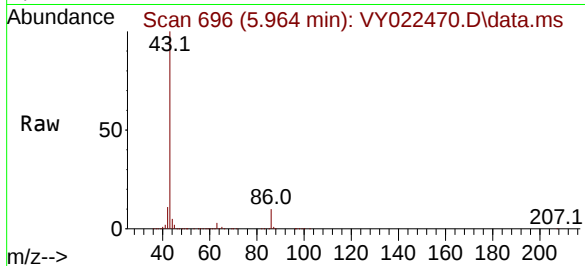




#23
 Vinyl Acetate
 Concen: 275.643 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022470.D
 Acq: 29 May 2025 17:04

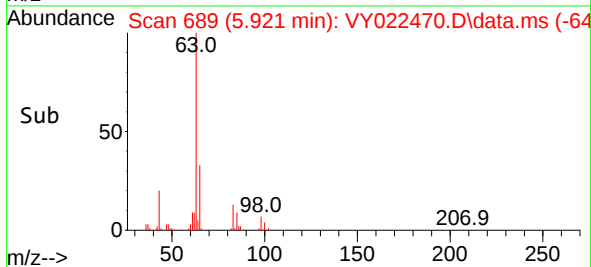
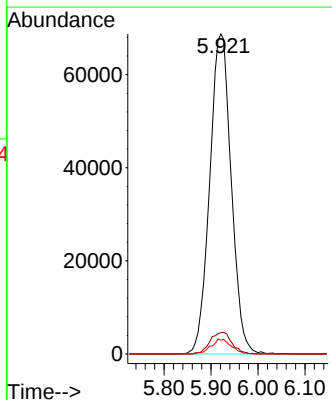
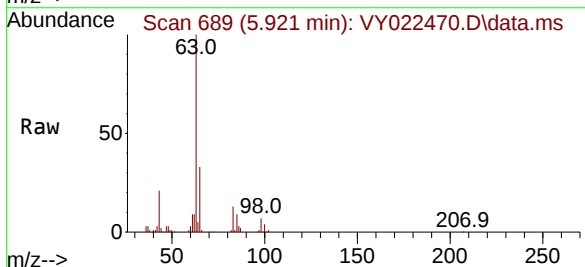
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

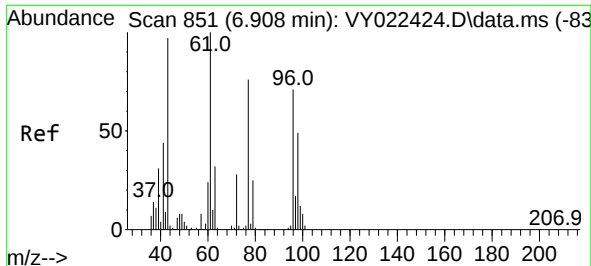
Tgt Ion: 43 Resp: 1056834
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 55.420 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY022470.D
 Acq: 29 May 2025 17:04

Tgt Ion: 63 Resp: 218670
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 283.577 ug/l

RT: 6.902 min Scan# 851

Delta R.T. -0.006 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

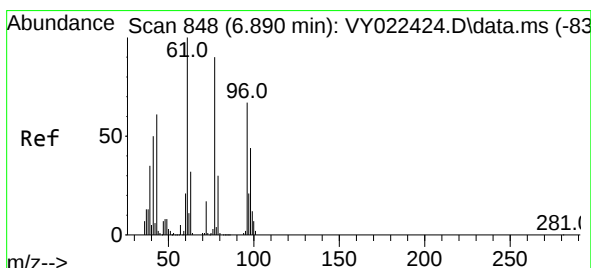
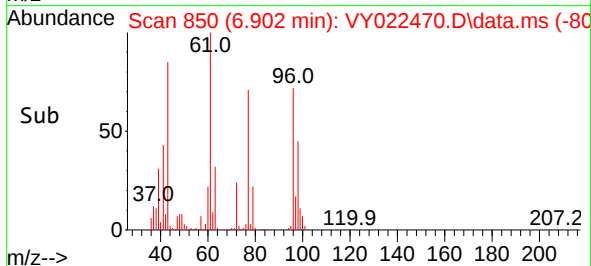
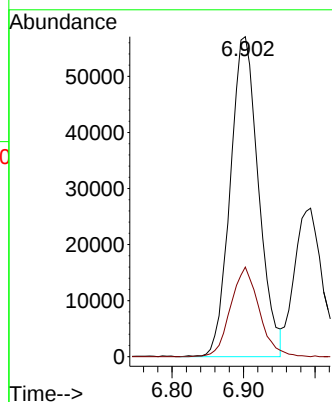
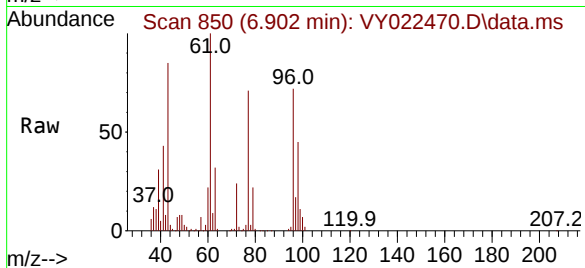
VSTDCCC050EC

Tgt Ion: 43 Resp: 156923

Ion Ratio Lower Upper

43 100

72 28.0 22.8 34.2



#26

2,2-Dichloropropane

Concen: 51.467 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022470.D

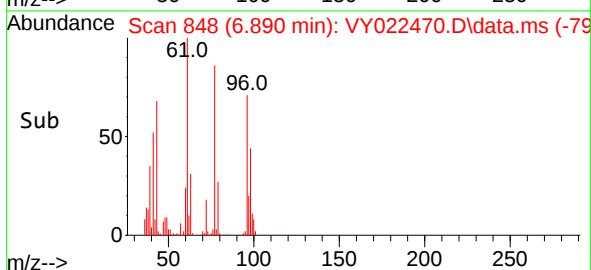
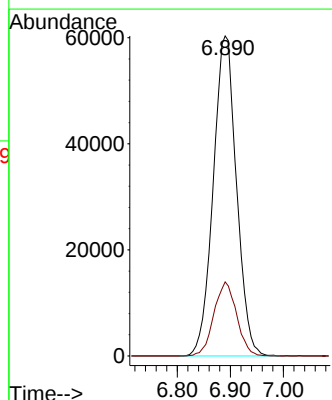
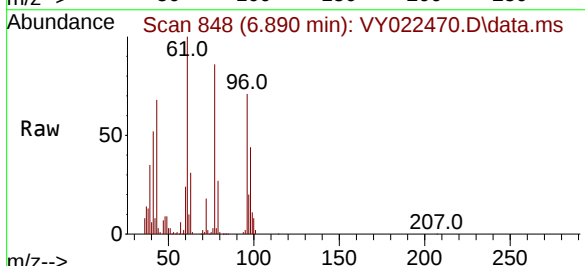
Acq: 29 May 2025 17:04

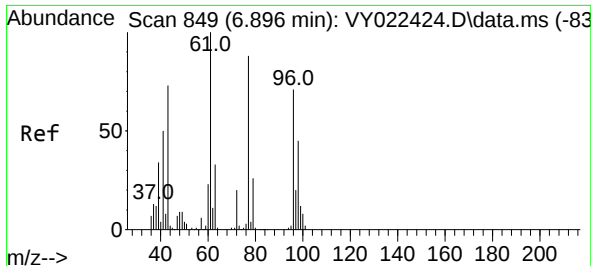
Tgt Ion: 77 Resp: 183879

Ion Ratio Lower Upper

77 100

97 22.6 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 55.627 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

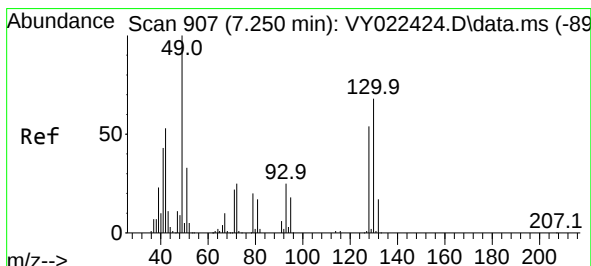
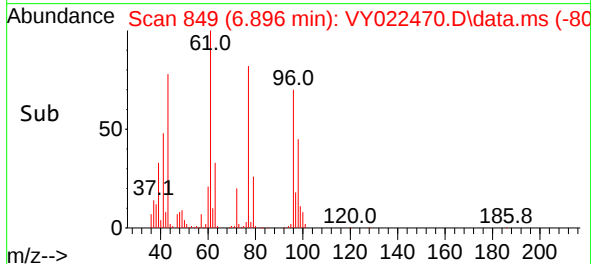
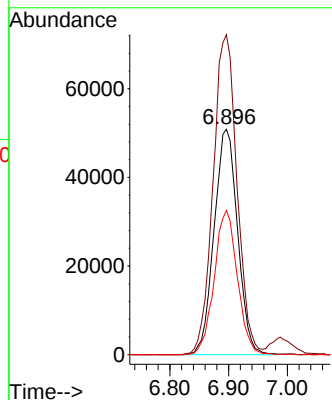
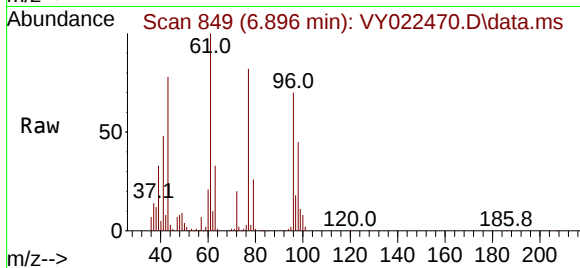
Tgt Ion: 96 Resp: 141404

Ion Ratio Lower Upper

96 100

61 144.2 0.0 292.0

98 63.1 0.0 131.0



#28

Bromochloromethane

Concen: 56.201 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

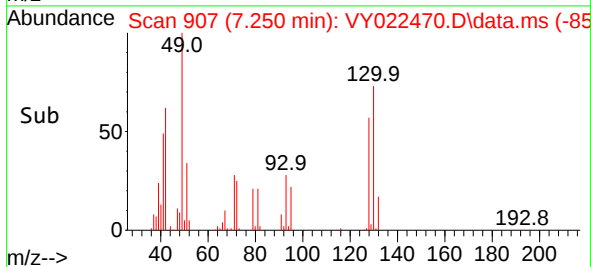
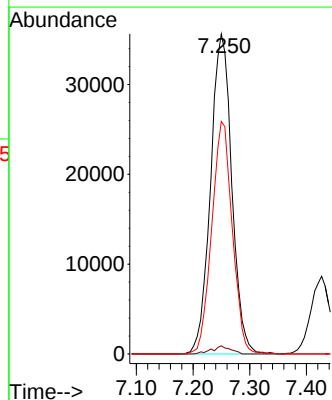
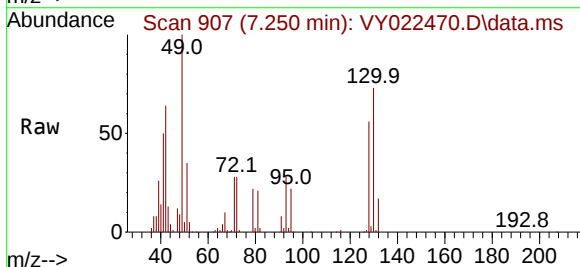
Tgt Ion: 49 Resp: 92598

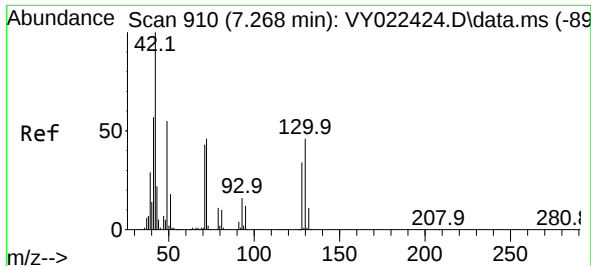
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 70.3 56.9 85.3





#29

Tetrahydrofuran

Concen: 288.767 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

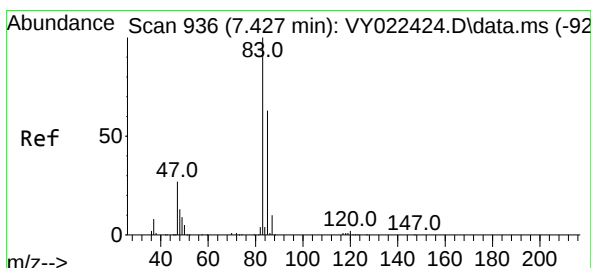
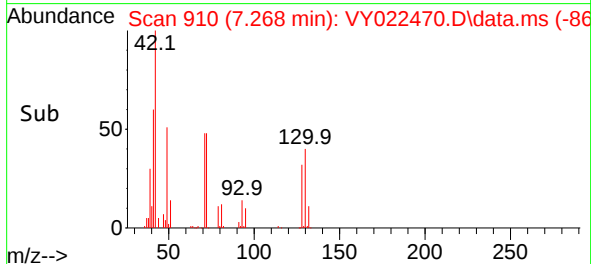
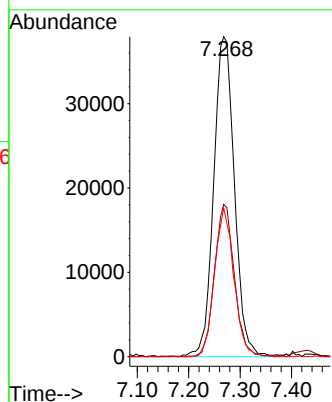
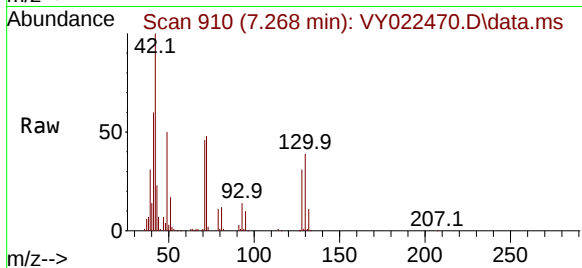
Tgt Ion: 42 Resp: 106571

Ion Ratio Lower Upper

42 100

72 45.5 37.7 56.5

71 43.4 34.7 52.1



#30

Chloroform

Concen: 56.544 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY022470.D

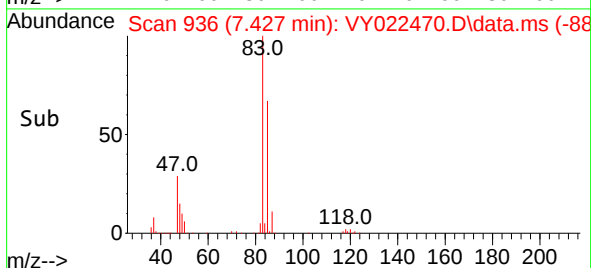
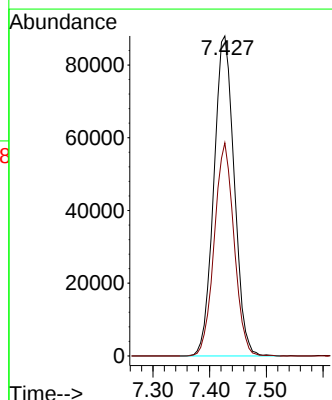
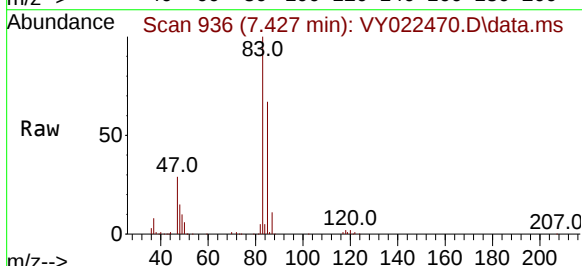
Acq: 29 May 2025 17:04

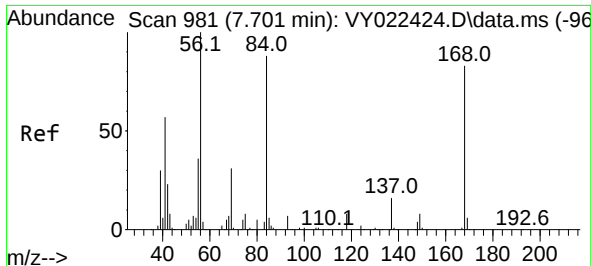
Tgt Ion: 83 Resp: 219843

Ion Ratio Lower Upper

83 100

85 66.6 50.1 75.1

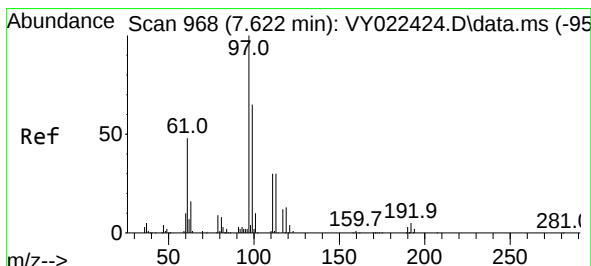
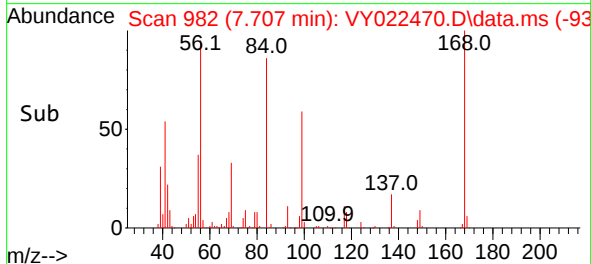
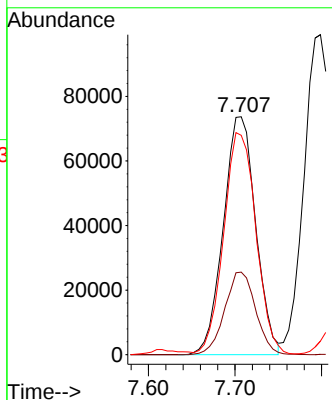
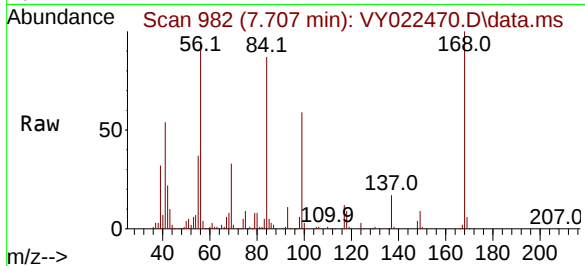




#31
Cyclohexane
Concen: 49.146 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

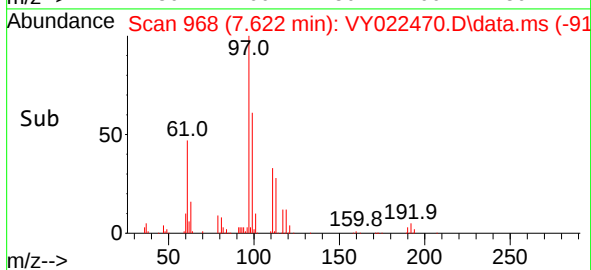
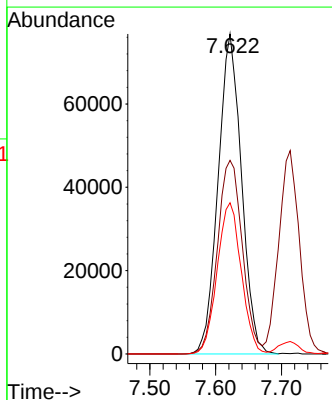
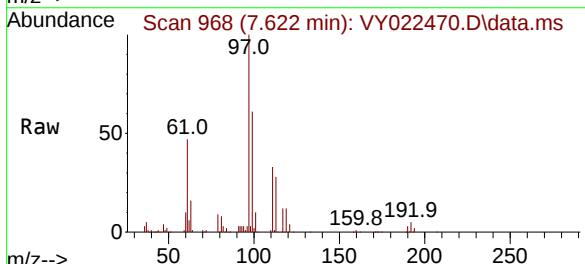
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

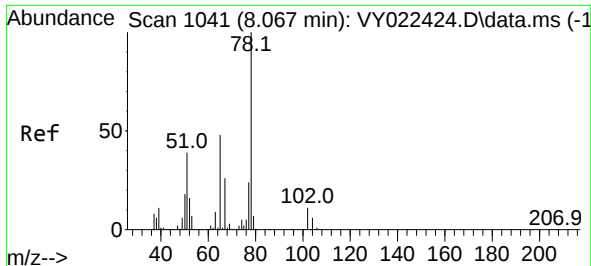
Tgt Ion: 56 Resp: 191152
Ion Ratio Lower Upper
56 100
69 34.7 24.6 36.8
84 91.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 53.942 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 97 Resp: 190339
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 48.6 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 53.985 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

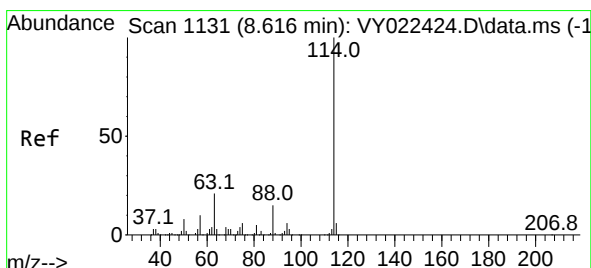
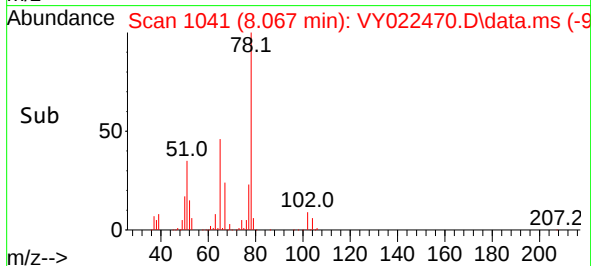
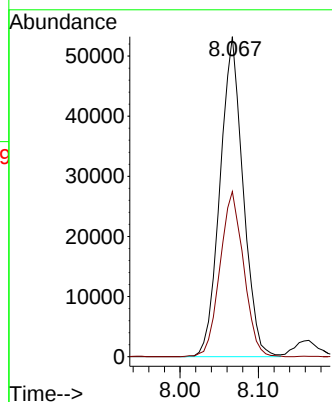
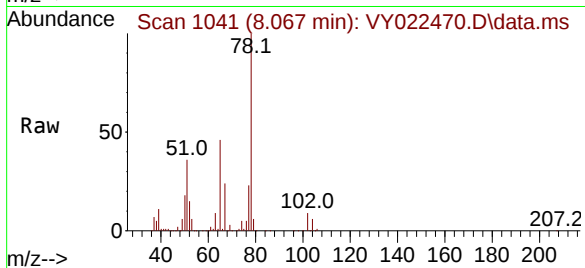
VSTDCCC050EC

Tgt Ion: 65 Resp: 109161

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

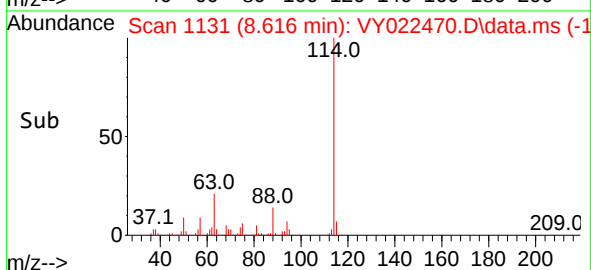
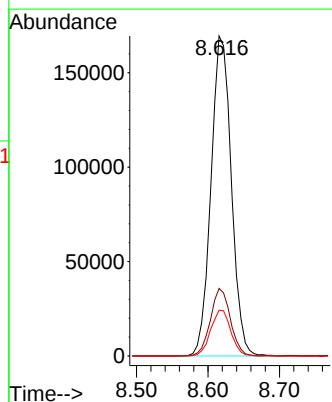
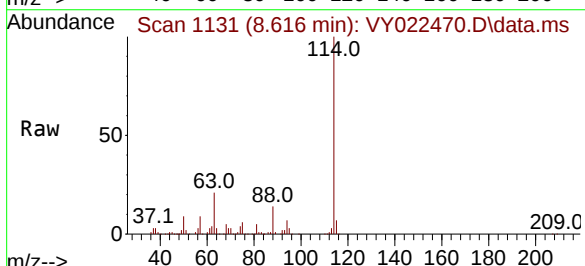
Tgt Ion: 114 Resp: 334442

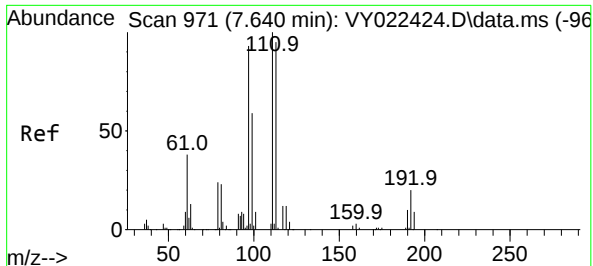
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

88 14.3 0.0 29.4

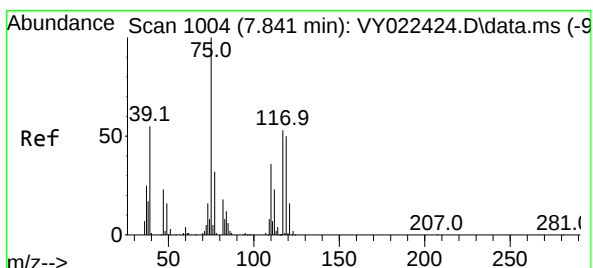
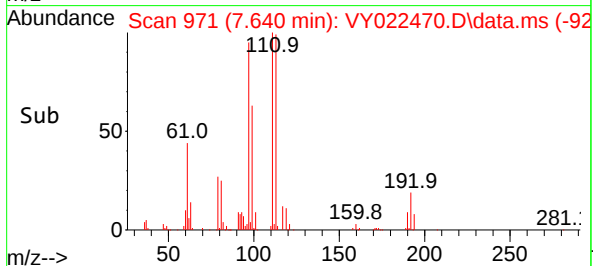
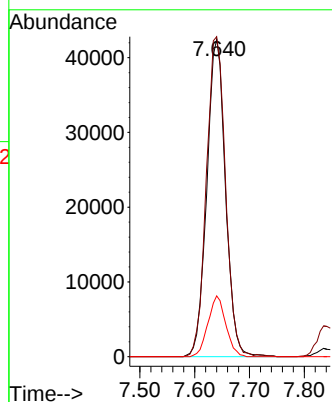
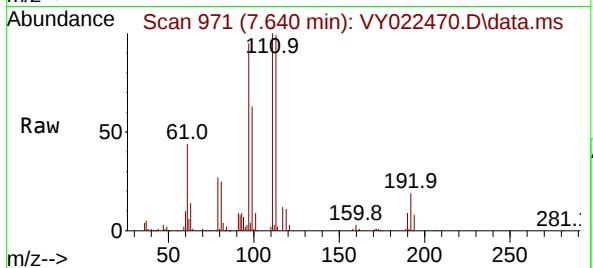




#35
Dibromofluoromethane
Concen: 51.134 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

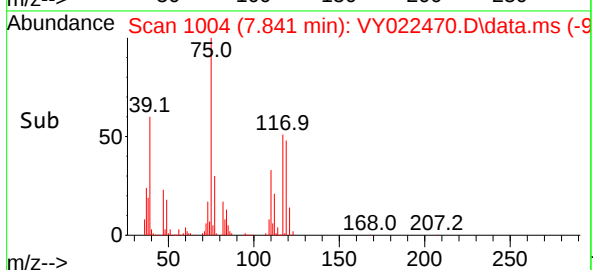
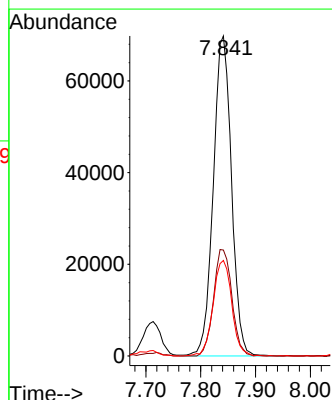
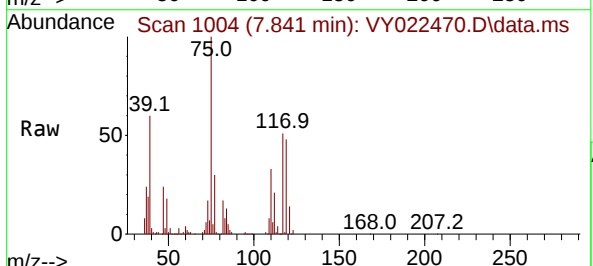
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

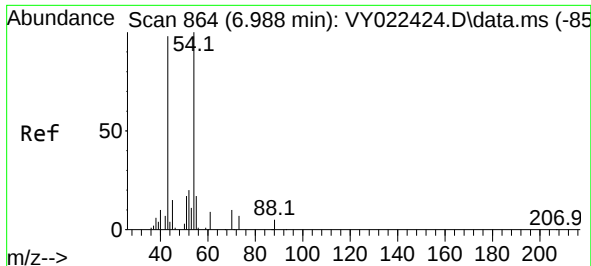
Tgt Ion:113 Resp: 100150
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 18.3 15.2 22.8



#36
1,1-Dichloropropene
Concen: 51.853 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 75 Resp: 161158
Ion Ratio Lower Upper
75 100
110 33.6 17.1 51.2
77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 55.050 ug/l

RT: 6.994 min Scan# 865

Delta R.T. 0.006 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

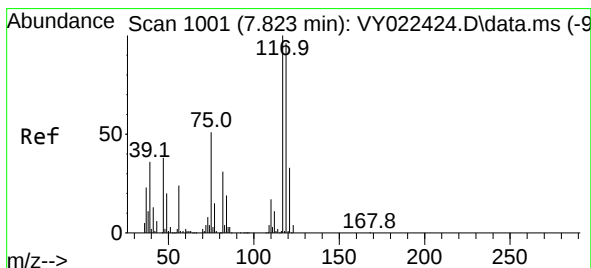
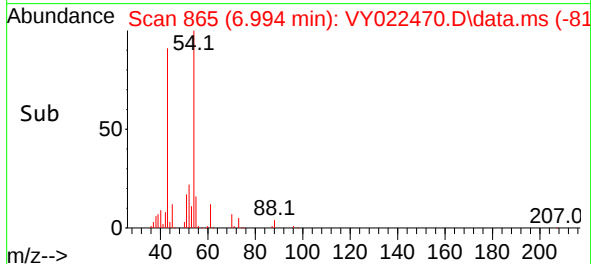
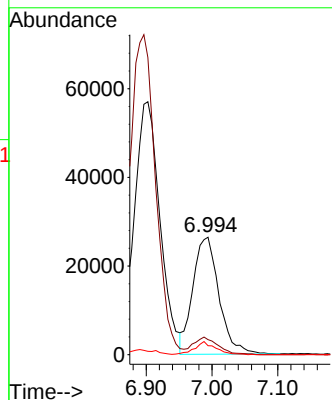
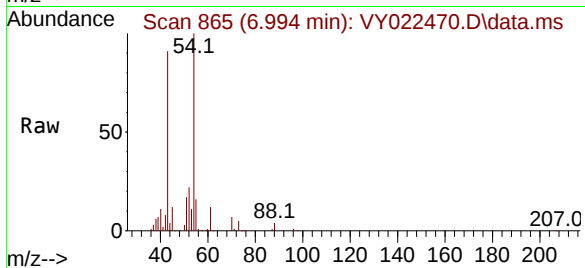
Tgt Ion: 43 Resp: 72712

Ion Ratio Lower Upper

43 100

61 14.3 11.7 17.5

70 9.0 7.8 11.6



#38

Carbon Tetrachloride

Concen: 51.533 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

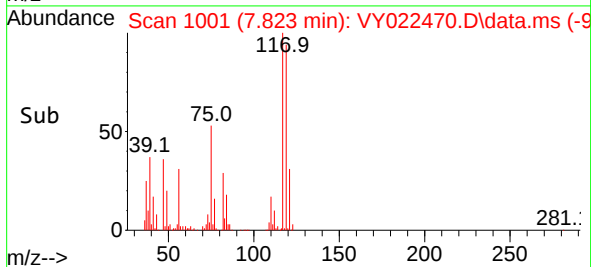
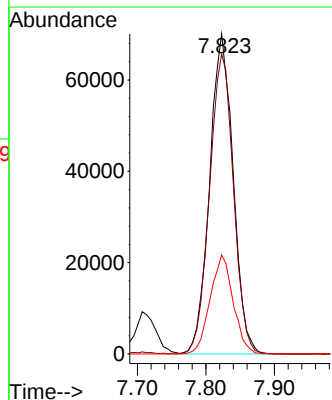
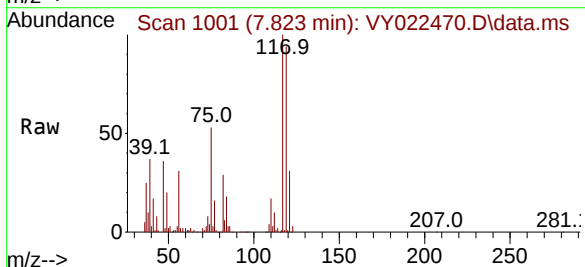
Tgt Ion: 117 Resp: 166842

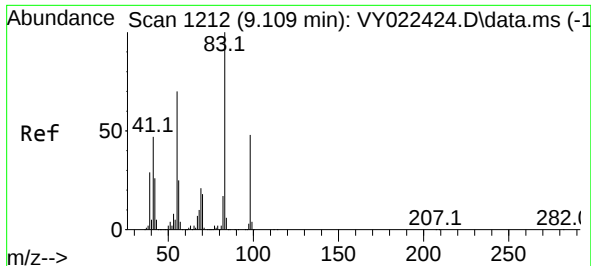
Ion Ratio Lower Upper

117 100

119 93.6 76.3 114.5

121 31.0 26.1 39.1





#39

Methylcyclohexane

Concen: 50.467 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

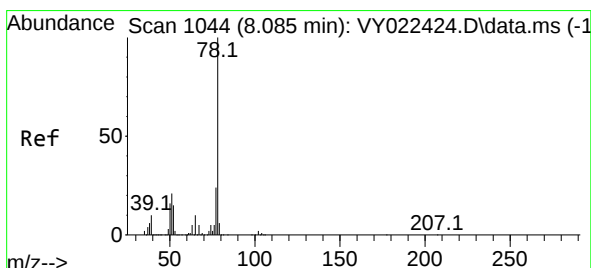
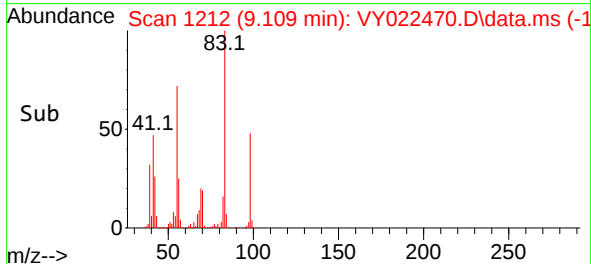
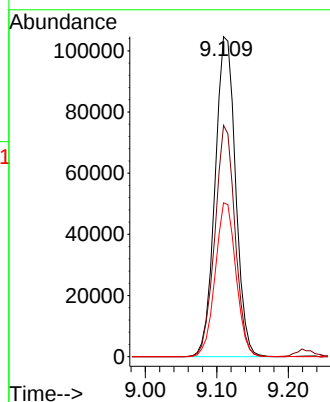
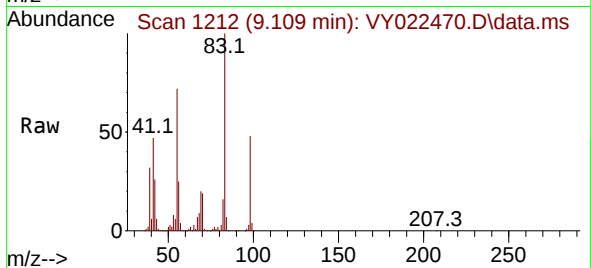
Tgt Ion: 83 Resp: 208499

Ion Ratio Lower Upper

83 100

55 72.3 56.2 84.2

98 48.1 38.4 57.6



#40

Benzene

Concen: 53.022 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY022470.D

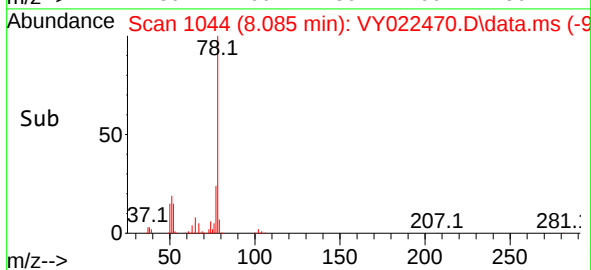
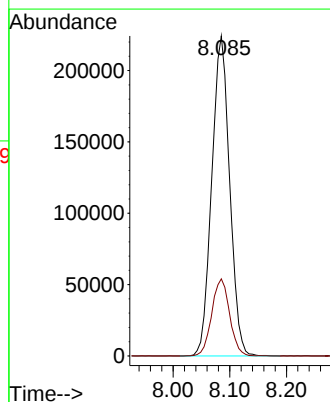
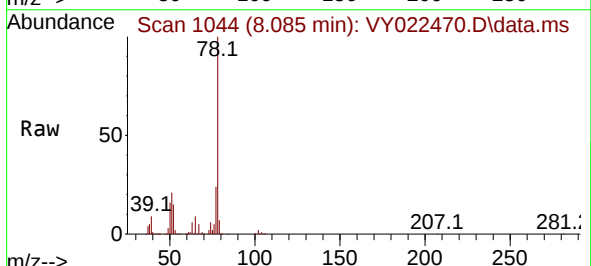
Acq: 29 May 2025 17:04

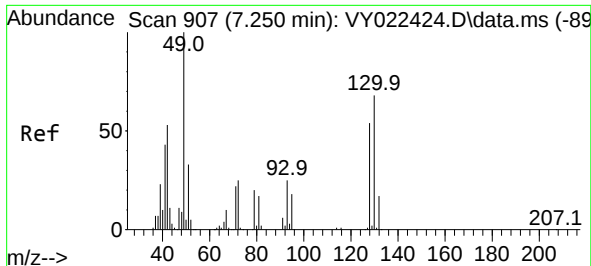
Tgt Ion: 78 Resp: 490343

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.2

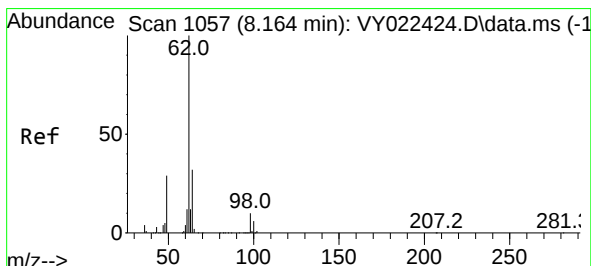
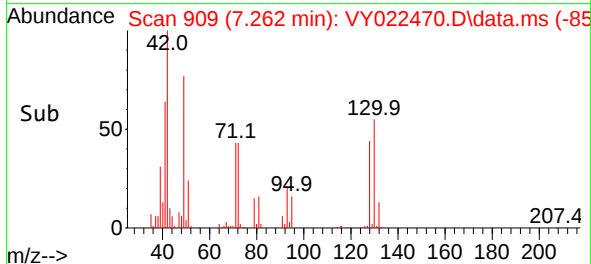
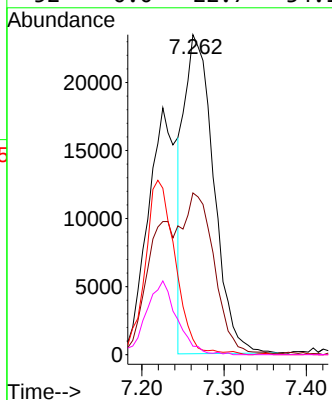
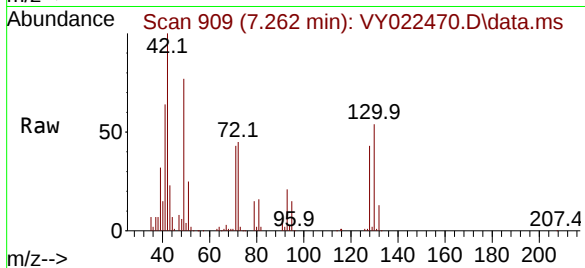




#41
Methacrylonitrile
Concen: 73.446 ug/l
RT: 7.262 min Scan# 907
Delta R.T. 0.012 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

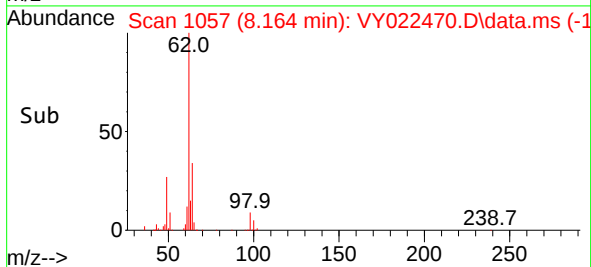
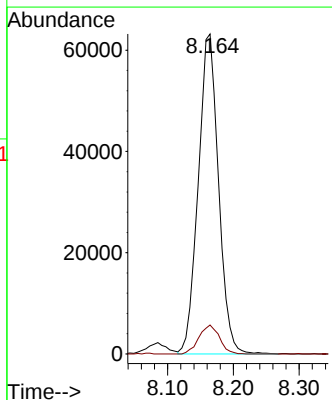
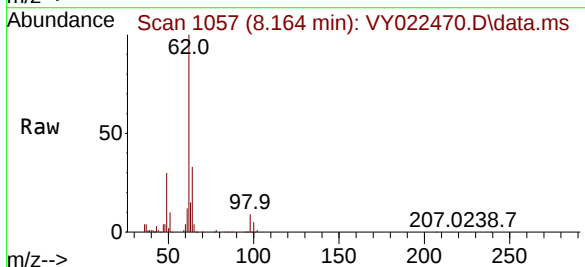
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

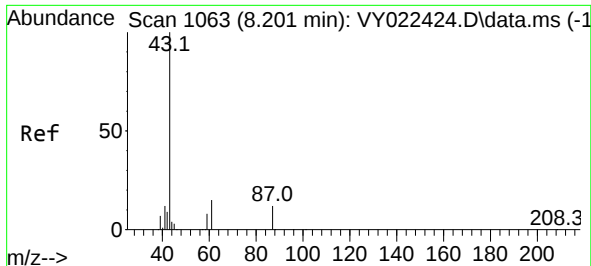
Tgt Ion: 41 Resp: 58880
Ion Ratio Lower Upper
41 100
39 45.7 40.4 60.6
67 0.0 53.0 79.4#
52 0.0 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 55.392 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 62 Resp: 135293
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4

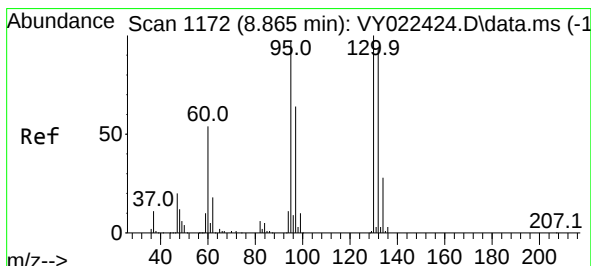
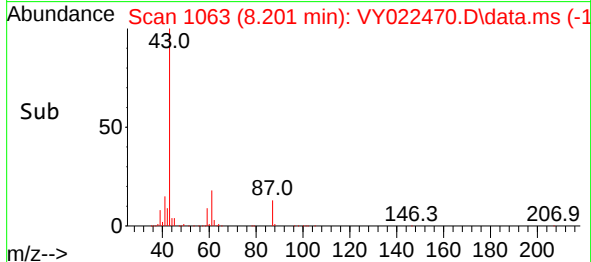
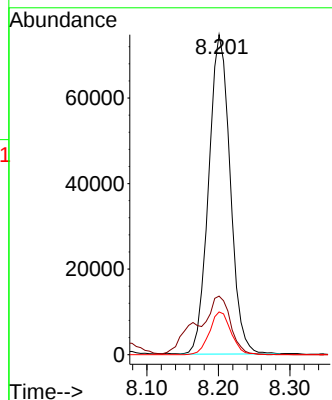
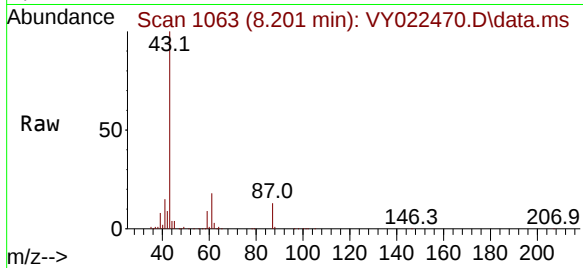




#43
Isopropyl Acetate
Concen: 54.053 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

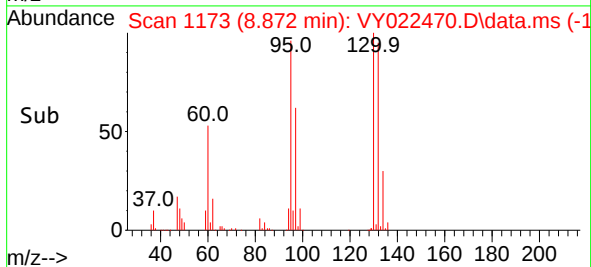
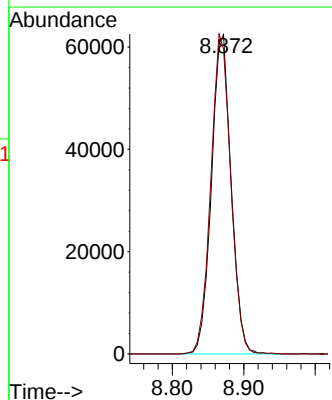
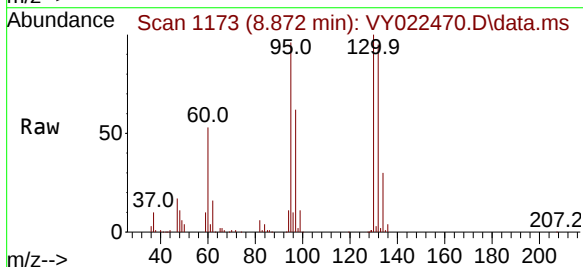
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

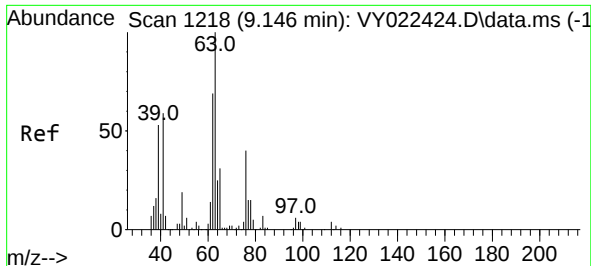
Tgt Ion: 43 Resp: 156013
Ion Ratio Lower Upper
43 100
61 18.7 15.4 23.0
87 13.4 10.6 15.8



#44
Trichloroethene
Concen: 52.127 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion:130 Resp: 119171
Ion Ratio Lower Upper
130 100
95 95.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 53.466 ug/l

RT: 9.146 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

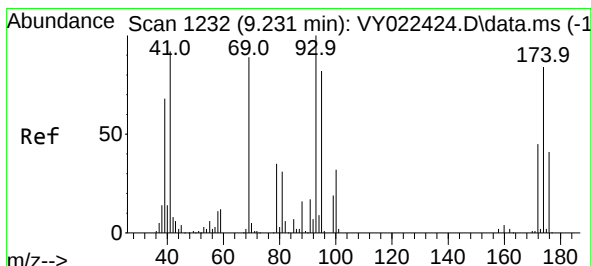
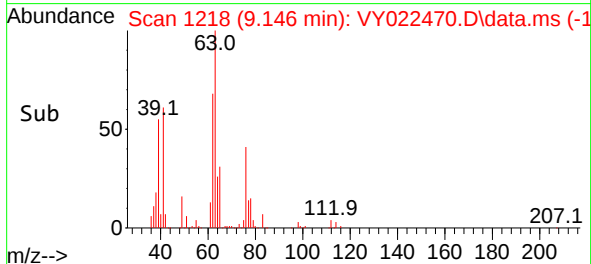
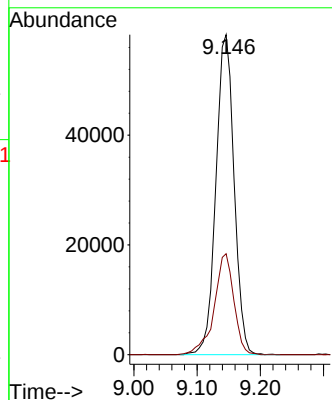
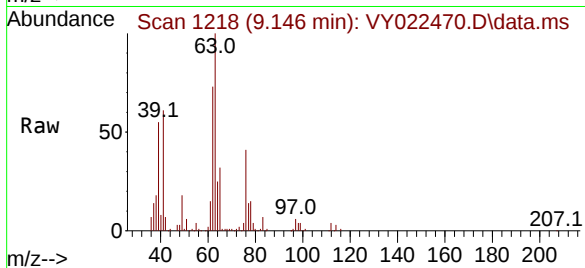
VSTDCCC050EC

Tgt Ion: 63 Resp: 116174

Ion Ratio Lower Upper

63 100

65 31.5 25.1 37.7



#46

Dibromomethane

Concen: 53.862 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

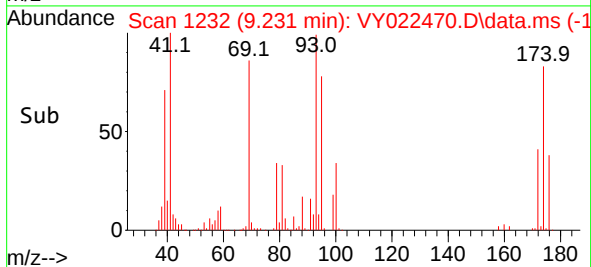
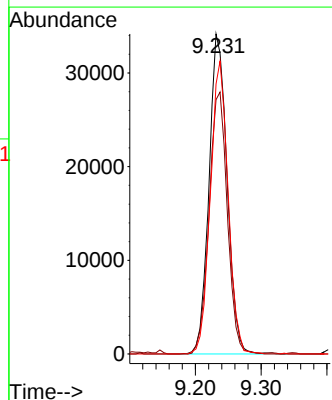
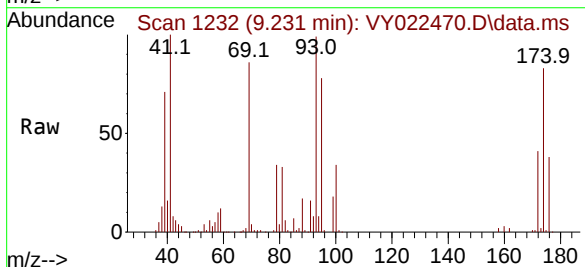
Tgt Ion: 93 Resp: 65379

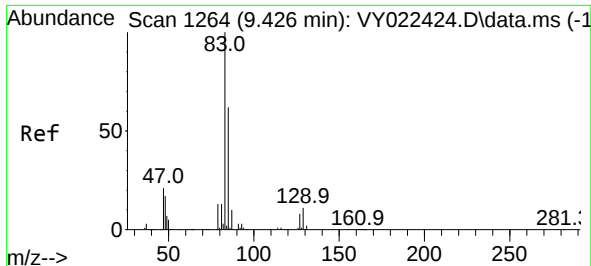
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

174 89.7 71.1 106.7





#47

Bromodichloromethane

Concen: 54.119 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

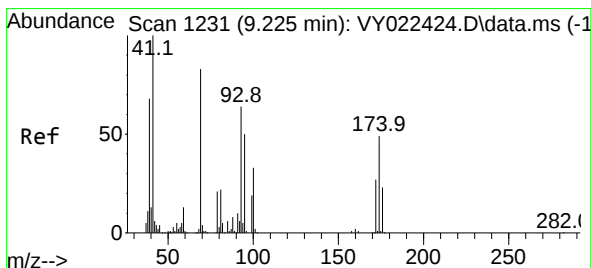
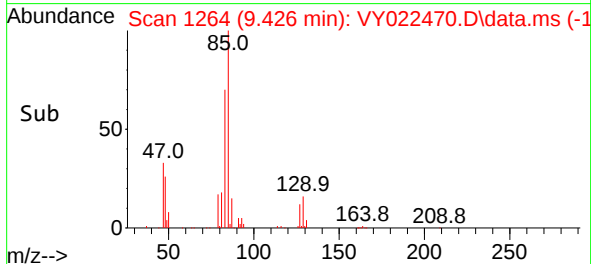
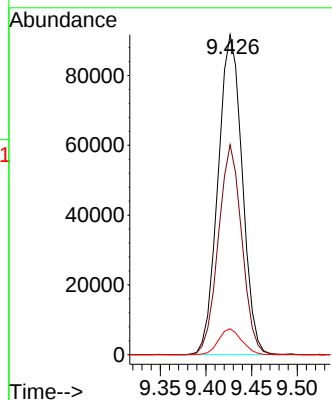
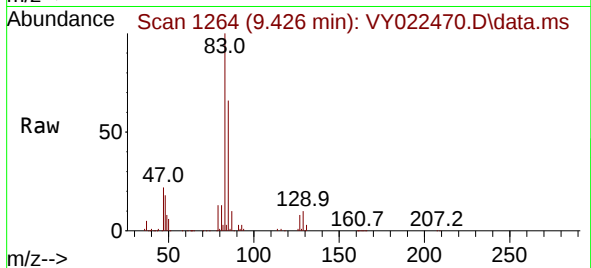
Tgt Ion: 83 Resp: 168924

Ion Ratio Lower Upper

83 100

85 65.6 49.8 74.6

127 8.1 6.6 9.8



#48

Methyl methacrylate

Concen: 54.288 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

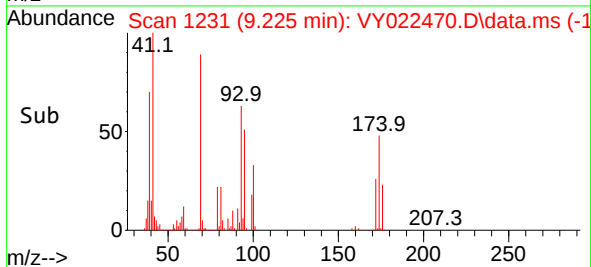
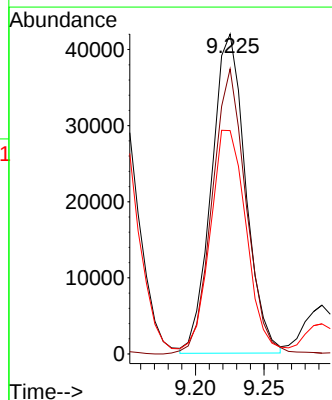
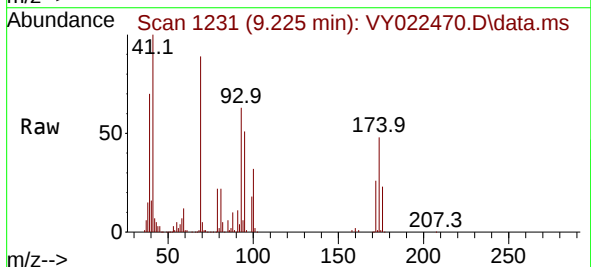
Tgt Ion: 41 Resp: 72736

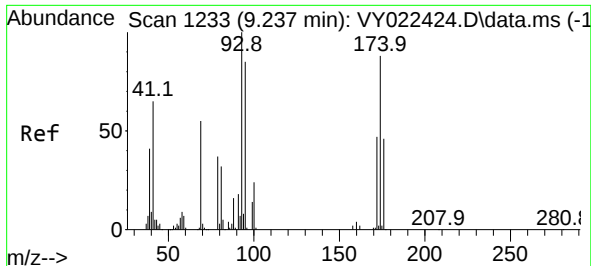
Ion Ratio Lower Upper

41 100

69 88.4 70.3 105.5

39 71.0 55.4 83.0





#49

1,4-Dioxane

Concen: 1102.345 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

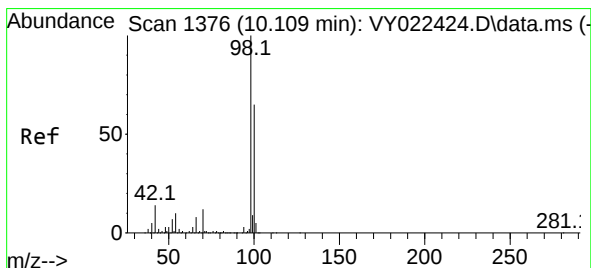
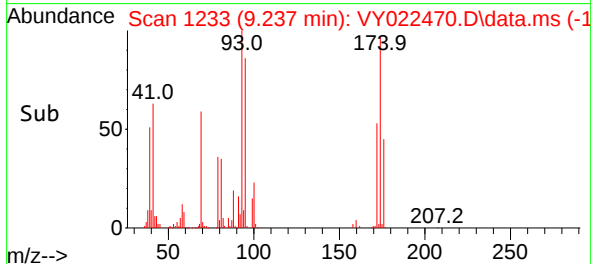
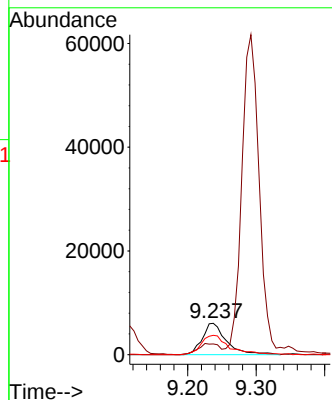
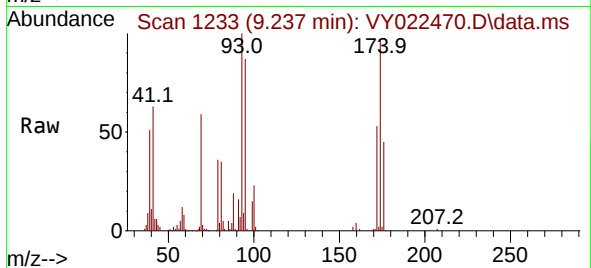
Tgt Ion: 88 Resp: 14779

Ion Ratio Lower Upper

88 100

43 31.3 26.9 40.3

58 72.9 55.8 83.6



#50

Toluene-d8

Concen: 50.999 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022470.D

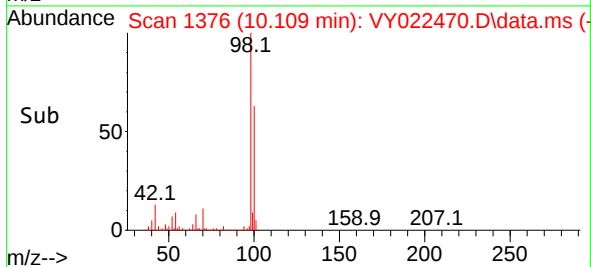
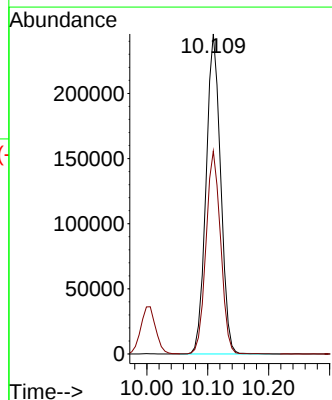
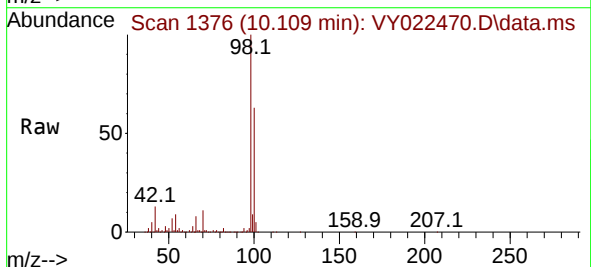
Acq: 29 May 2025 17:04

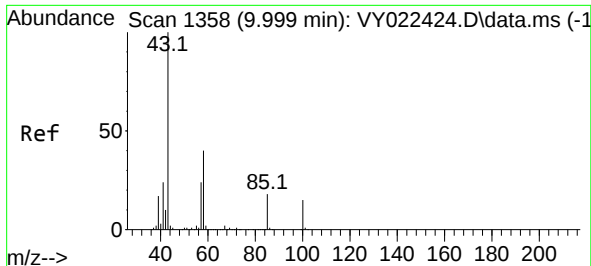
Tgt Ion: 98 Resp: 407189

Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 284.572 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

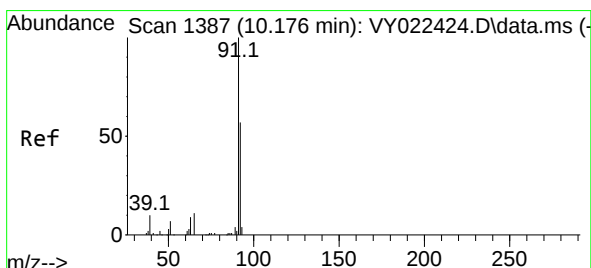
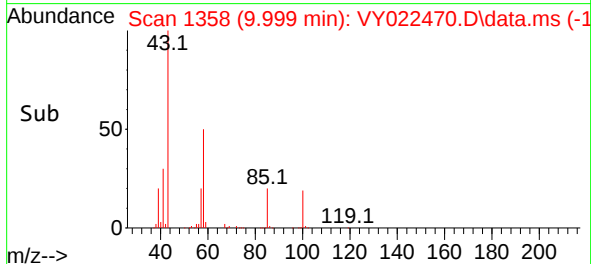
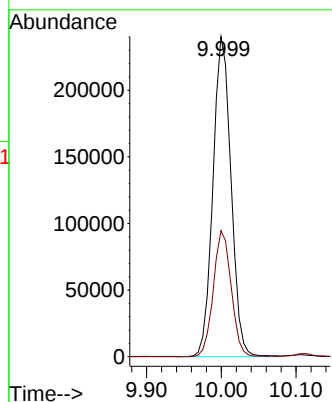
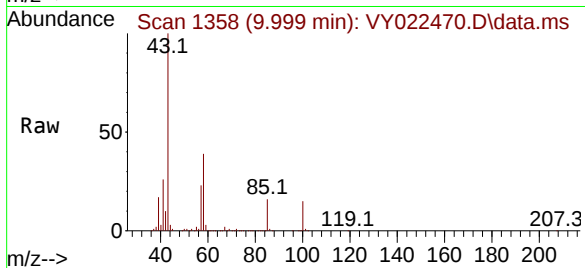
VSTDCCC050EC

Tgt Ion: 43 Resp: 405257

Ion Ratio Lower Upper

43 100

58 38.9 31.2 46.8



#52

Toluene

Concen: 53.315 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY022470.D

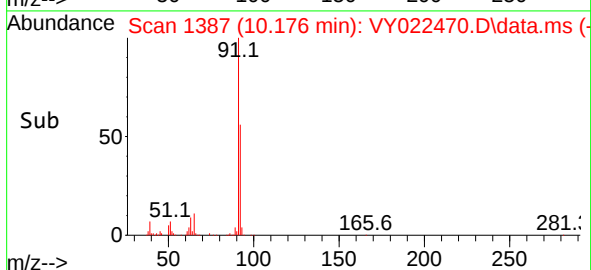
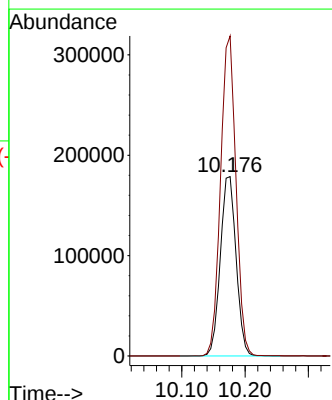
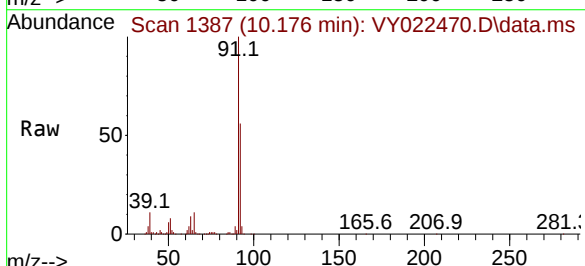
Acq: 29 May 2025 17:04

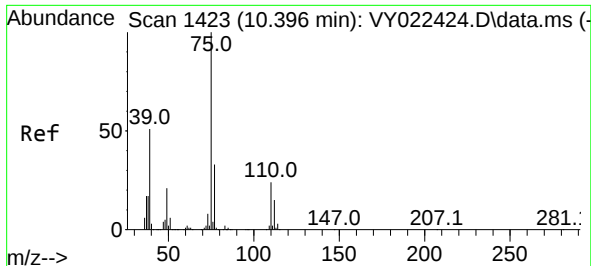
Tgt Ion: 92 Resp: 307963

Ion Ratio Lower Upper

92 100

91 174.5 139.8 209.6

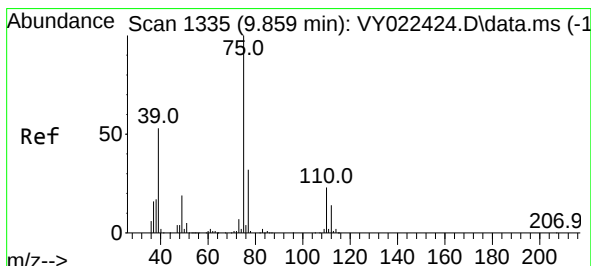
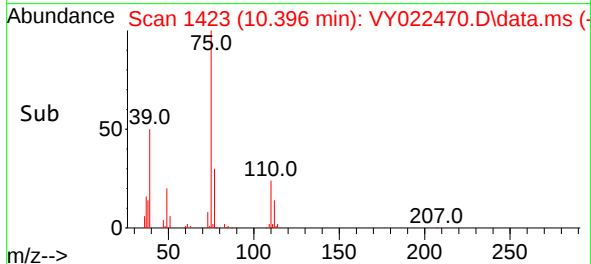
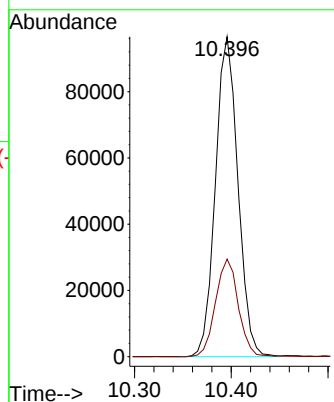
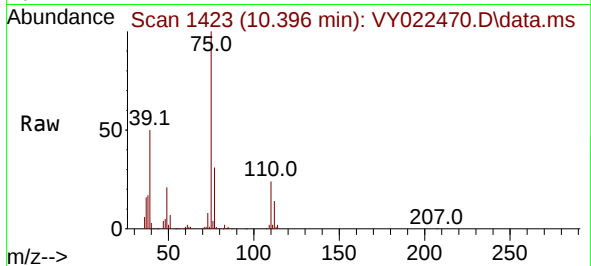




#53
t-1,3-Dichloropropene
Concen: 53.629 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

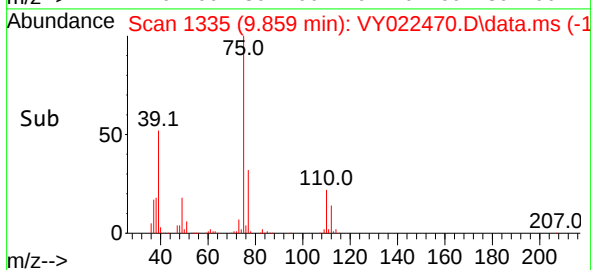
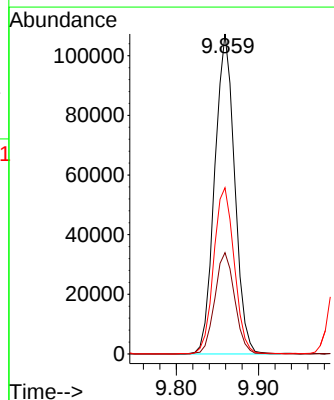
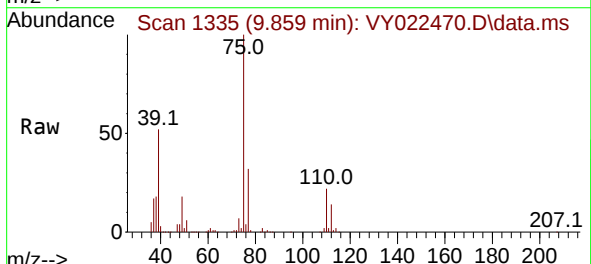
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

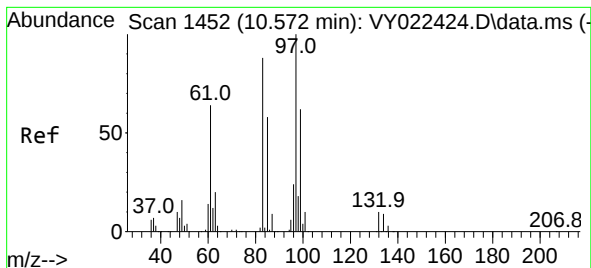
Tgt Ion: 75 Resp: 155924
Ion Ratio Lower Upper
75 100
77 30.5 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 52.891 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 75 Resp: 180693
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 51.8 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 55.686 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 85459

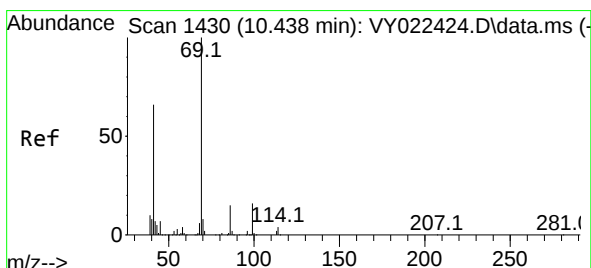
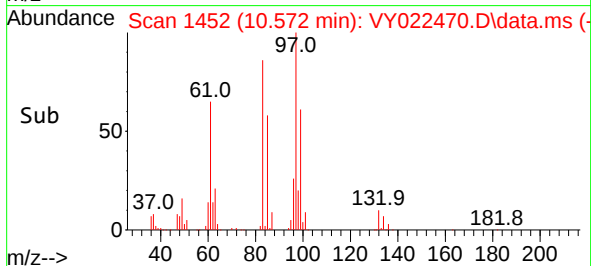
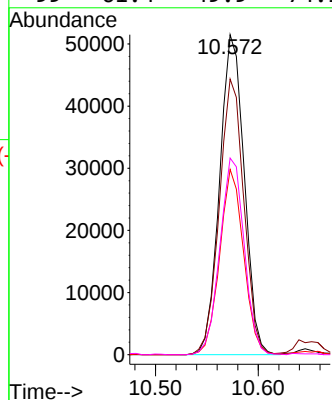
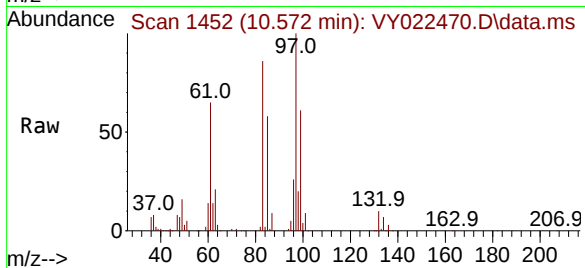
Ion Ratio Lower Upper

97 100

83 86.2 70.2 105.4

85 57.9 46.1 69.1

99 61.4 49.9 74.9



#56

Ethyl methacrylate

Concen: 54.355 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

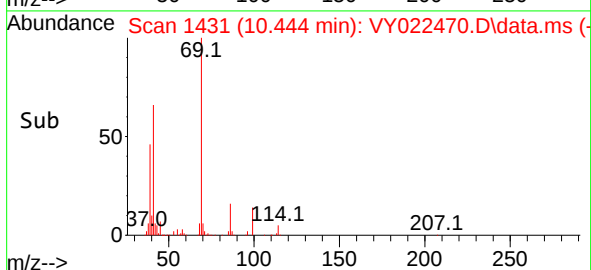
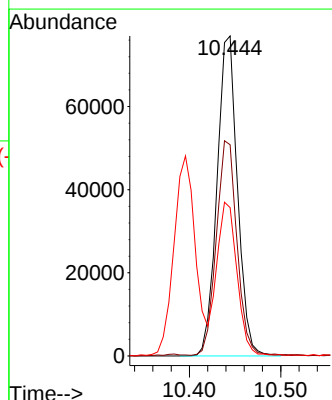
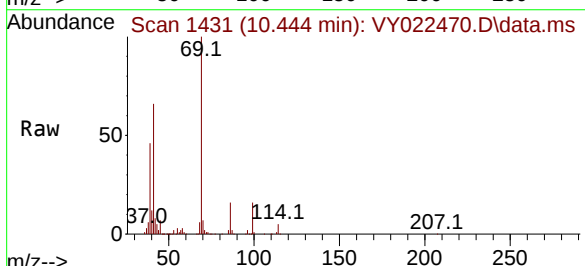
Tgt Ion: 69 Resp: 119707

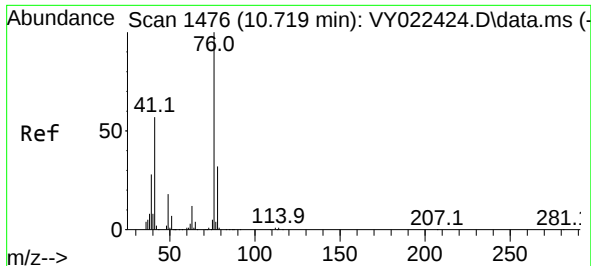
Ion Ratio Lower Upper

69 100

41 67.7 51.2 76.8

39 47.1 35.2 52.8





#57

1,3-Dichloropropane

Concen: 54.624 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

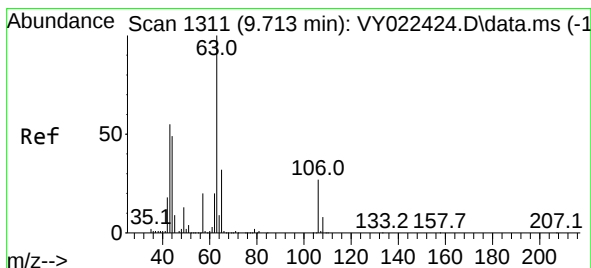
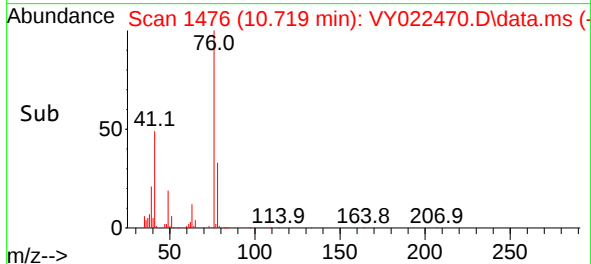
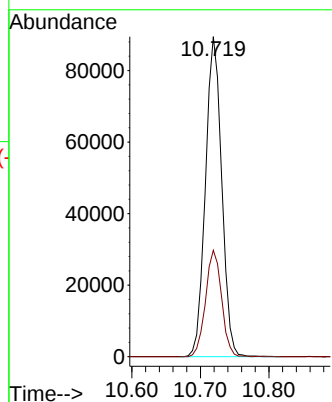
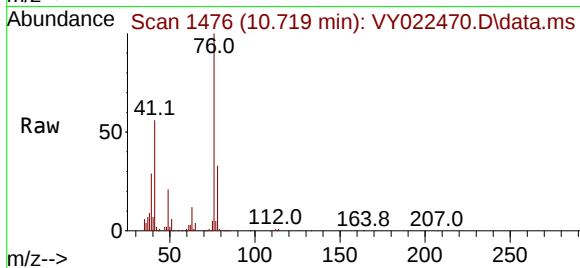
VSTDCCC050EC

Tgt Ion: 76 Resp: 147727

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 273.090 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022470.D

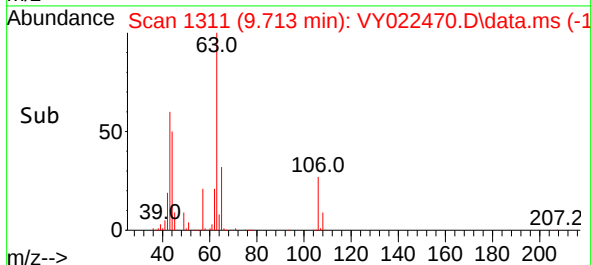
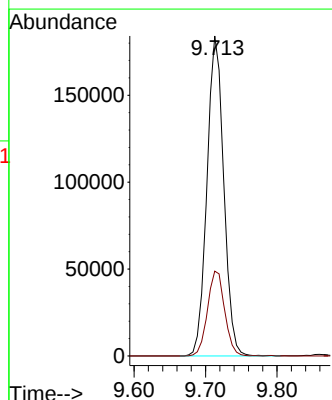
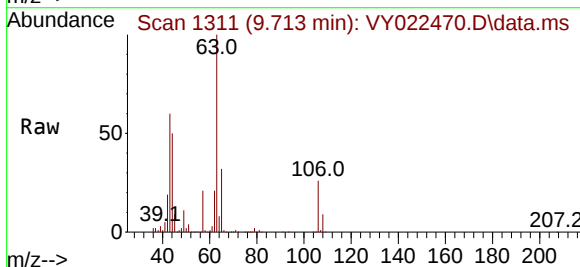
Acq: 29 May 2025 17:04

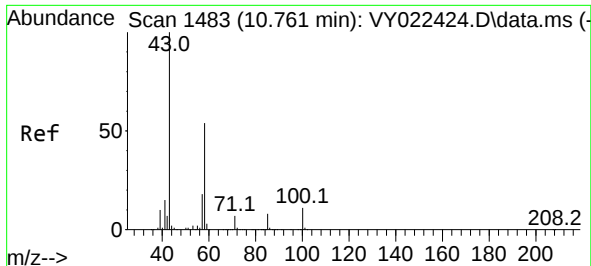
Tgt Ion: 63 Resp: 299741

Ion Ratio Lower Upper

63 100

106 27.2 22.2 33.2

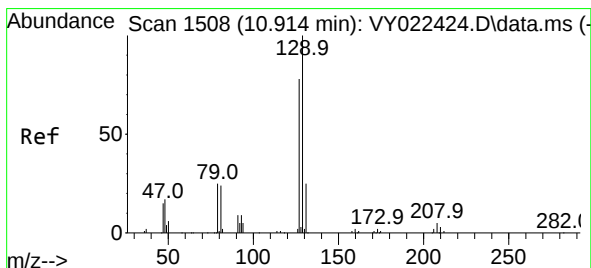
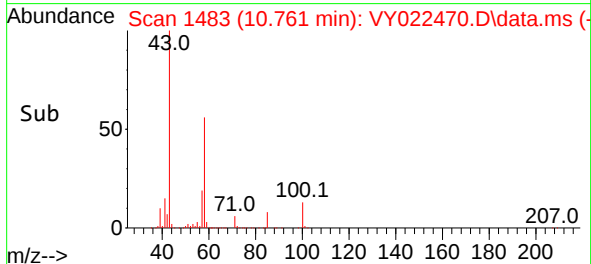
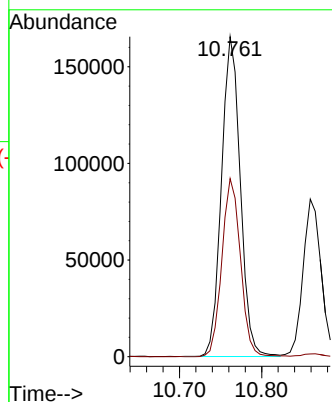
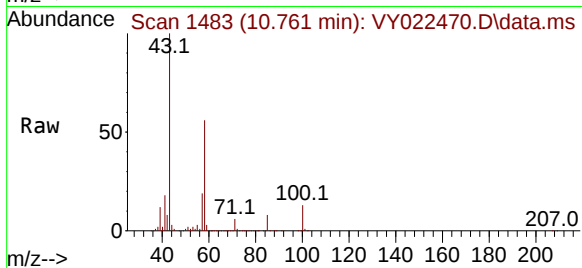




#59
2-Hexanone
Concen: 281.823 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

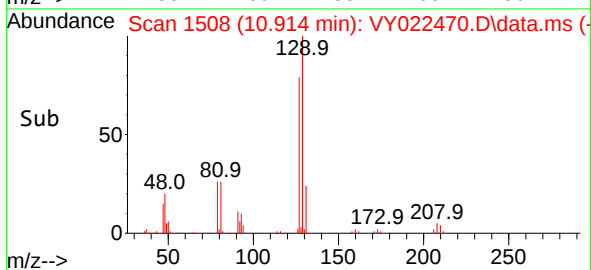
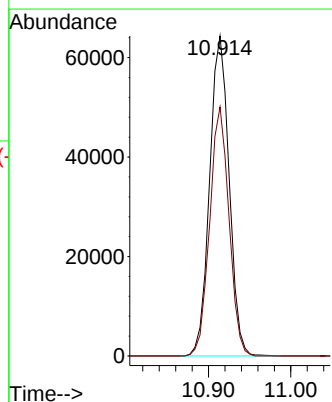
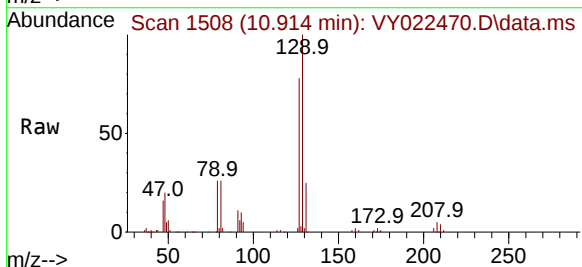
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

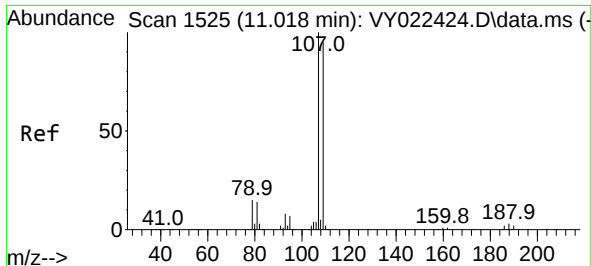
Tgt Ion: 43 Resp: 263019
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.2



#60
Dibromochloromethane
Concen: 53.951 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 129 Resp: 105764
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.8

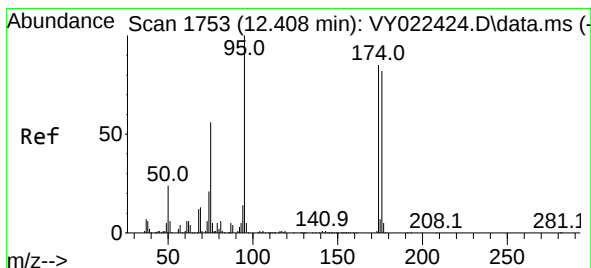
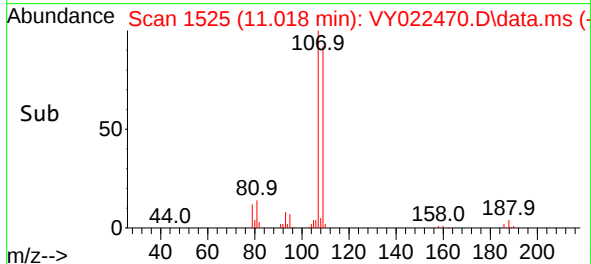
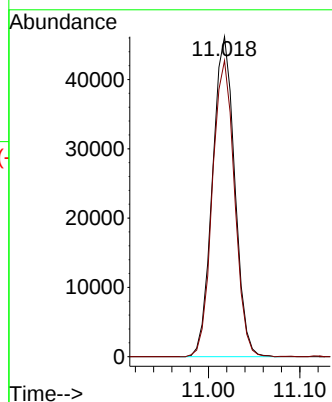
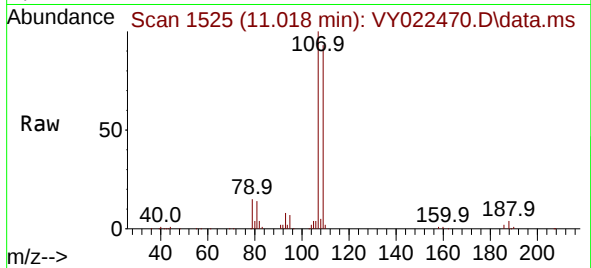




#61
1,2-Dibromoethane
Concen: 55.494 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

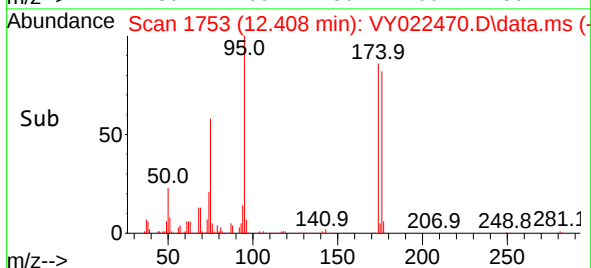
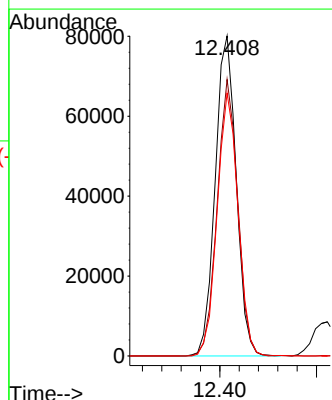
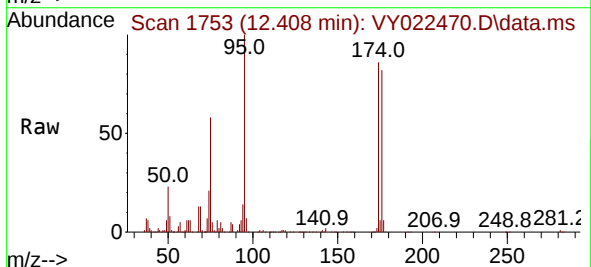
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

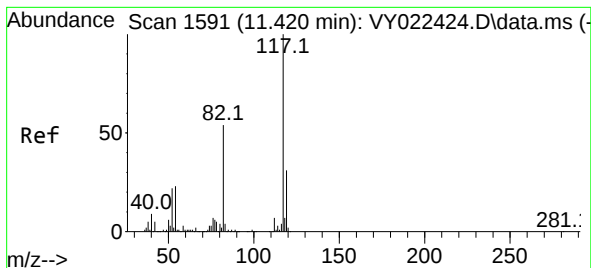
Tgt Ion:107 Resp: 77894
Ion Ratio Lower Upper
107 100
109 92.2 74.0 111.0



#62
4-Bromofluorobenzene
Concen: 49.961 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 95 Resp: 120662
Ion Ratio Lower Upper
95 100
174 84.7 0.0 171.6
176 81.4 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

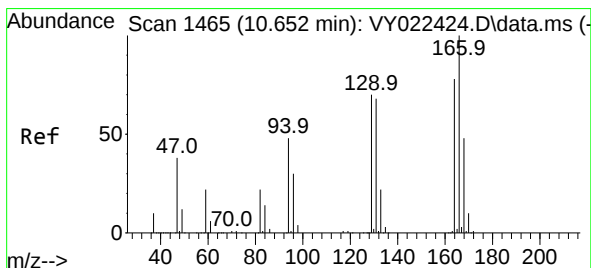
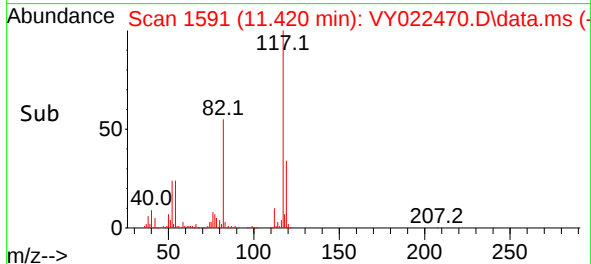
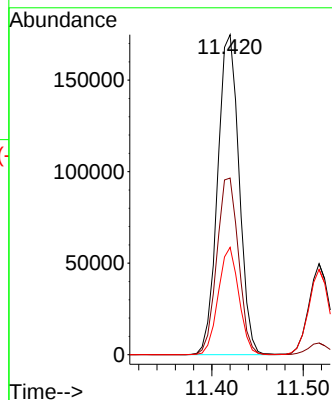
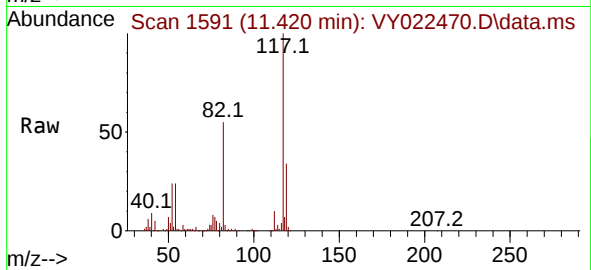
Tgt Ion:117 Resp: 285657

Ion Ratio Lower Upper

117 100

82 55.2 43.3 64.9

119 33.5 24.5 36.7



#64

Tetrachloroethene

Concen: 53.496 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Tgt Ion:164 Resp: 130146

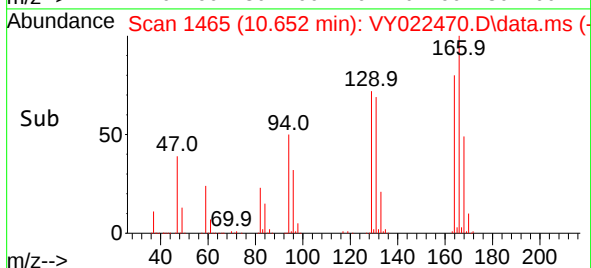
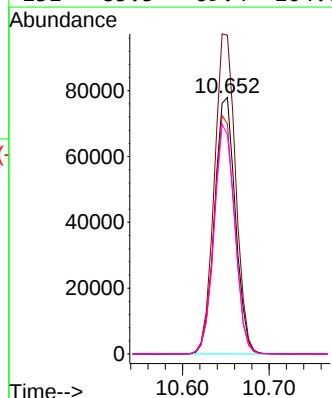
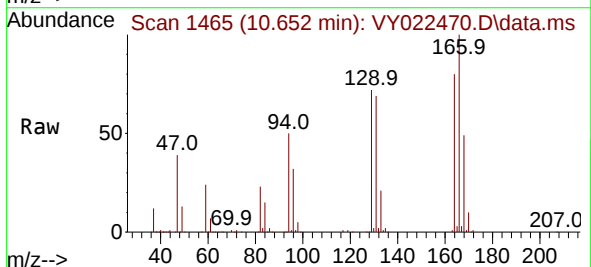
Ion Ratio Lower Upper

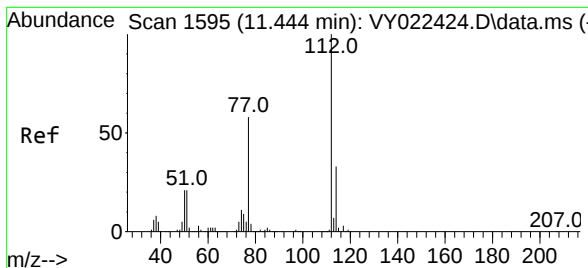
164 100

166 124.3 102.0 153.0

129 89.8 71.3 106.9

131 85.5 69.4 104.0

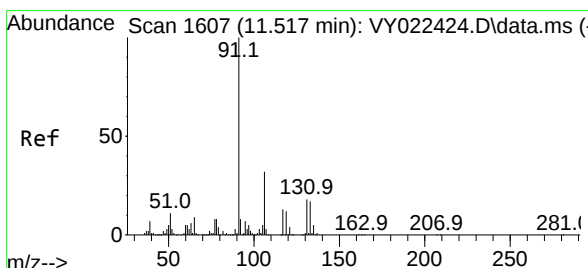
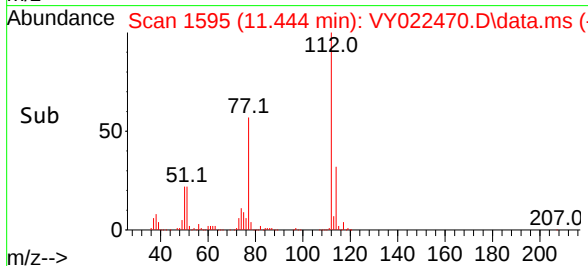
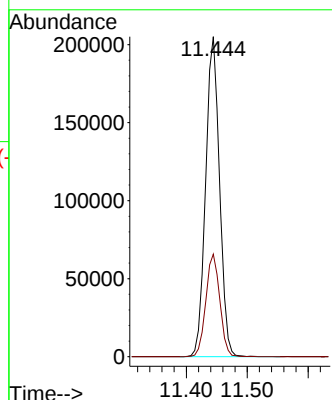
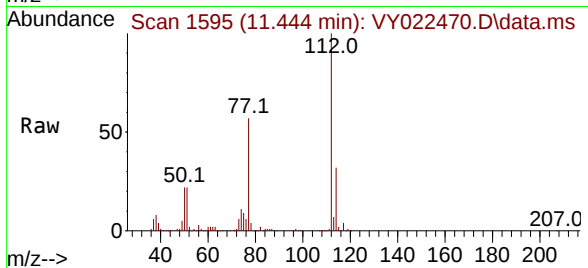




#65
Chlorobenzene
Concen: 53.376 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

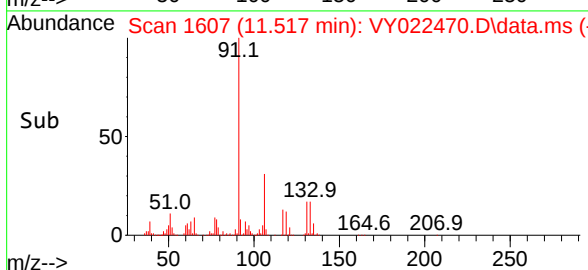
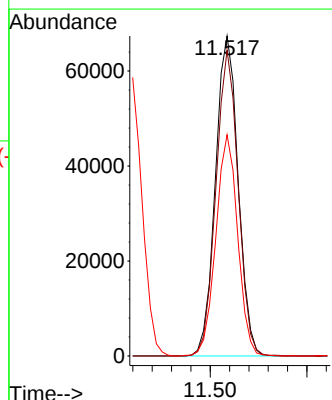
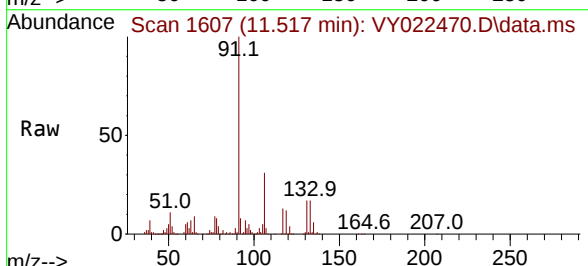
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

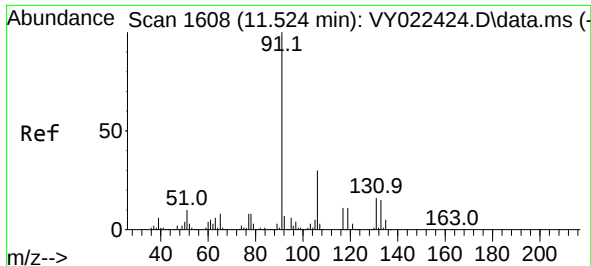
Tgt Ion:112 Resp: 325117
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.221 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion:131 Resp: 109834
Ion Ratio Lower Upper
131 100
133 93.3 46.6 139.8
119 66.4 33.3 99.8





#67

Ethyl Benzene

Concen: 52.854 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

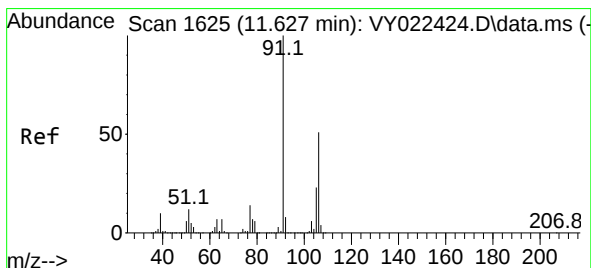
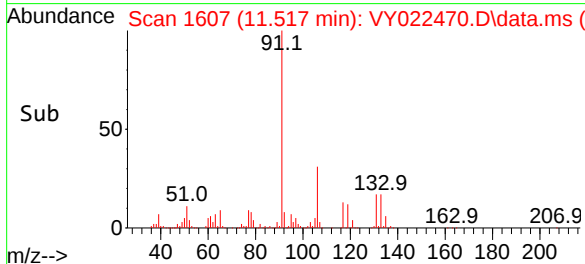
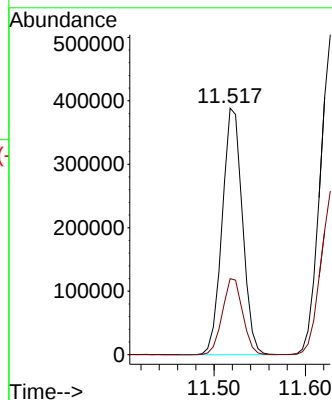
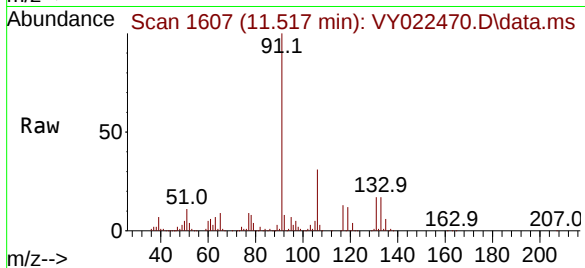
VSTDCCC050EC

Tgt Ion: 91 Resp: 597773

Ion Ratio Lower Upper

91 100

106 30.8 24.4 36.6



#68

m/p-Xylenes

Concen: 105.221 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022470.D

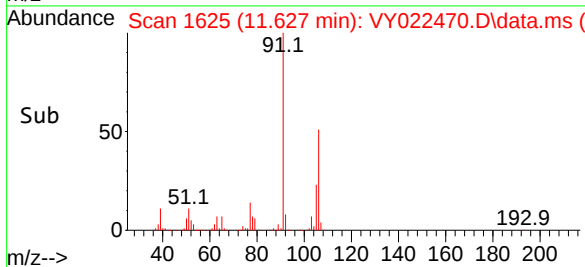
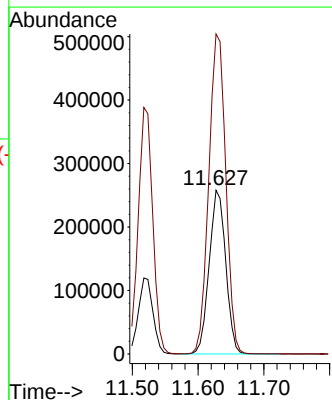
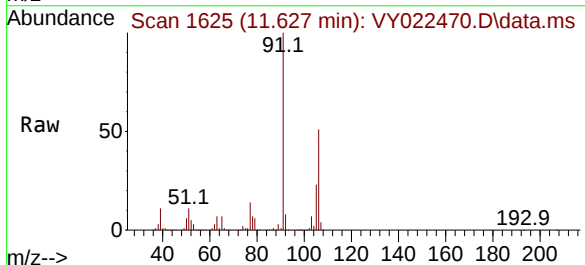
Acq: 29 May 2025 17:04

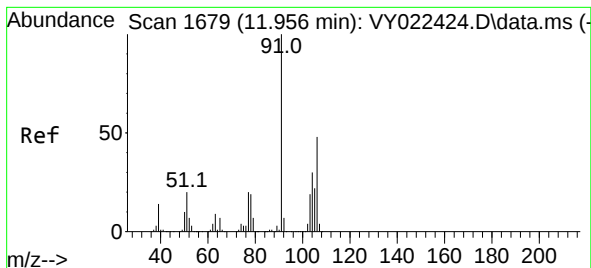
Tgt Ion:106 Resp: 451191

Ion Ratio Lower Upper

106 100

91 200.7 159.8 239.8

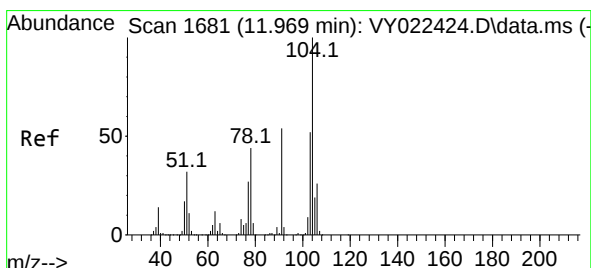
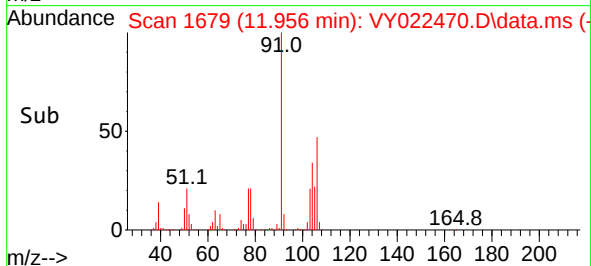
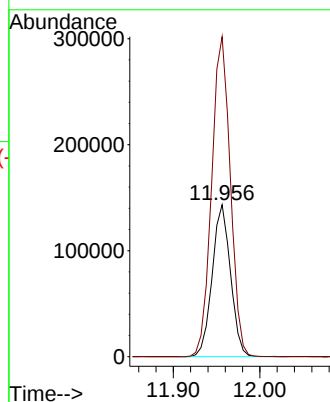
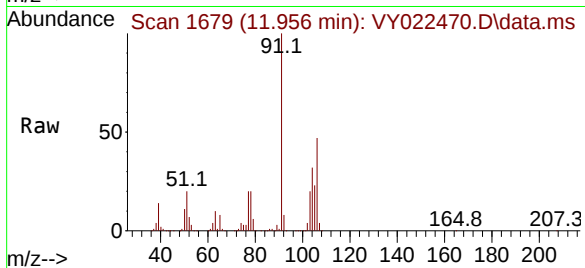




#69
o-Xylene
Concen: 52.238 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

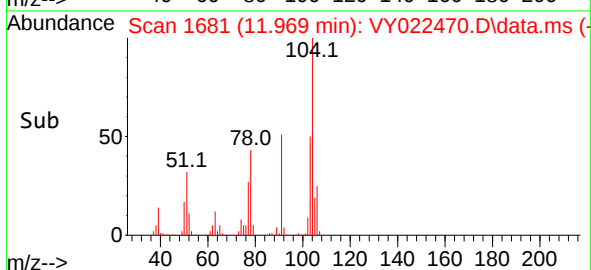
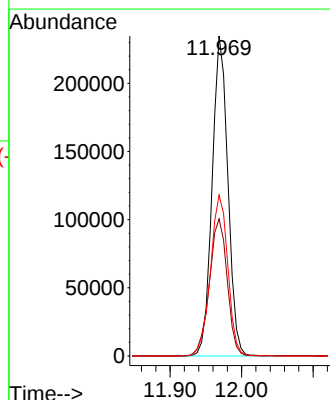
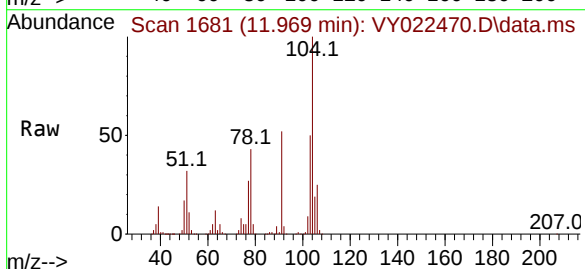
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

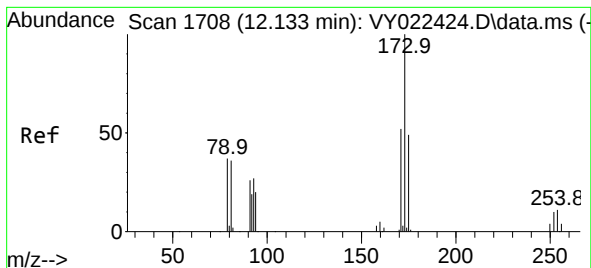
Tgt Ion:106 Resp: 210524
Ion Ratio Lower Upper
106 100
91 215.0 106.3 318.9



#70
Styrene
Concen: 53.462 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion:104 Resp: 358759
Ion Ratio Lower Upper
104 100
78 48.3 38.8 58.2
103 55.6 43.4 65.2





#71

Bromoform

Concen: 54.410 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

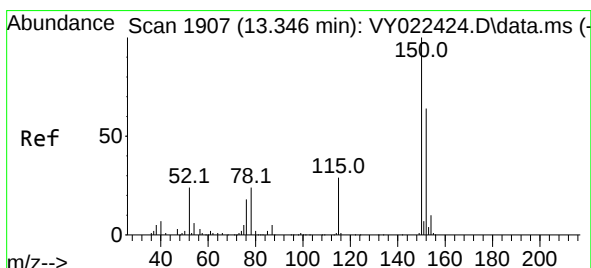
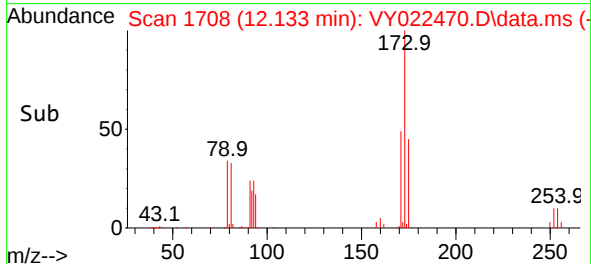
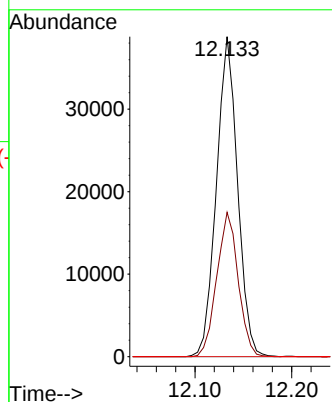
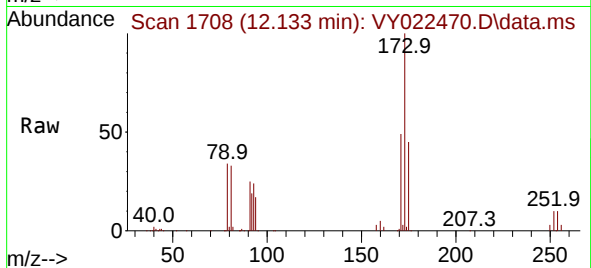
Tgt Ion:173 Resp: 58816

Ion Ratio Lower Upper

173 100

175 45.6 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

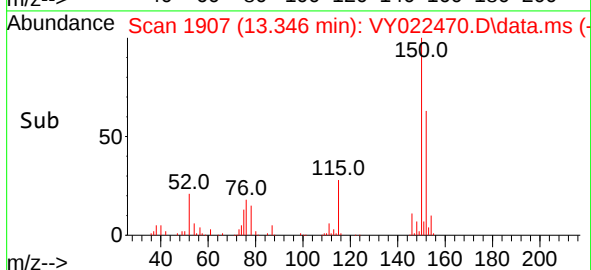
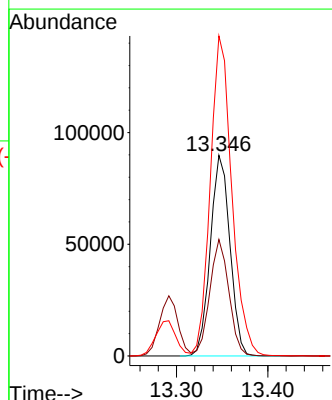
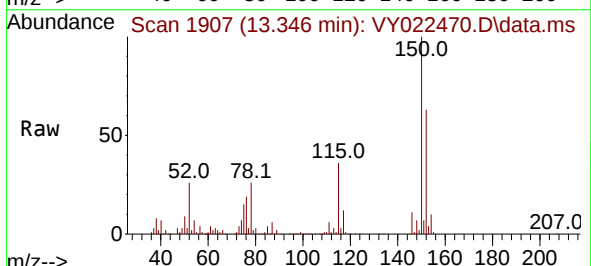
Tgt Ion:152 Resp: 133776

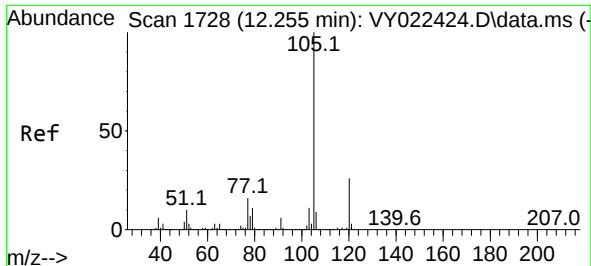
Ion Ratio Lower Upper

152 100

115 56.5 28.4 85.3

150 175.1 0.0 345.8

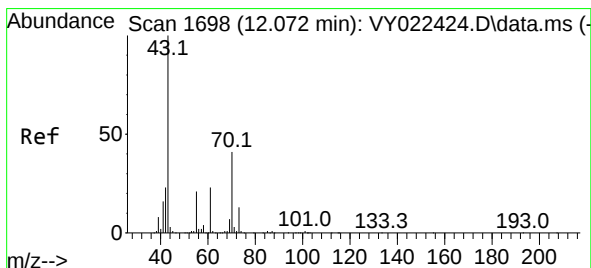
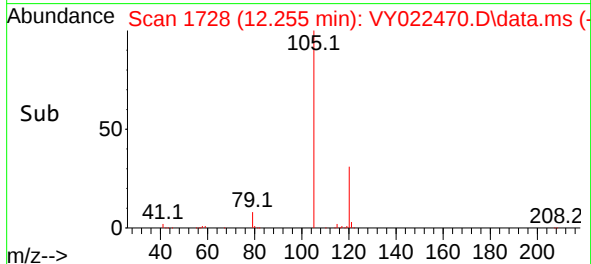
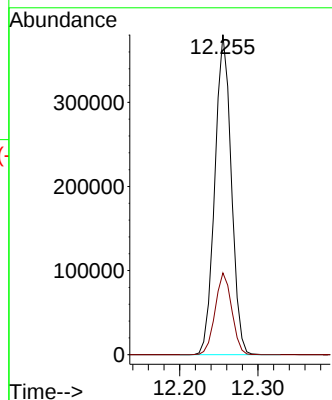
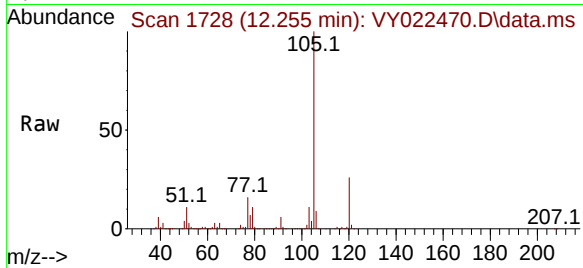




#73
Isopropylbenzene
Concen: 52.810 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

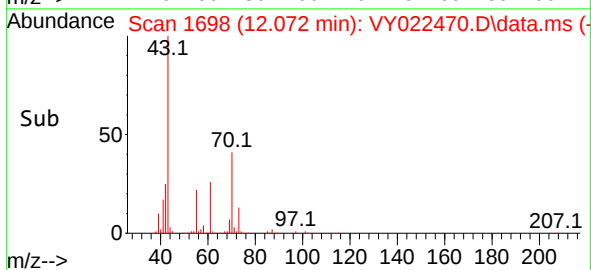
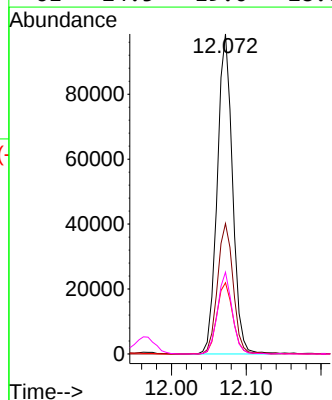
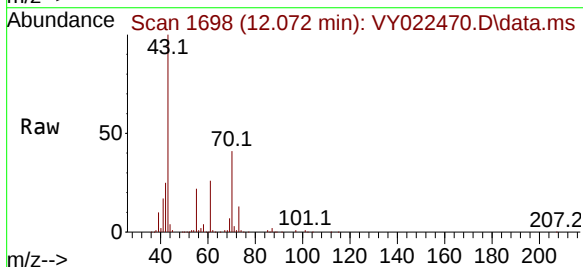
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

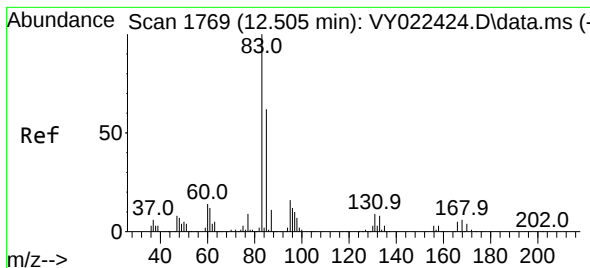
Tgt Ion:105 Resp: 556024
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5



#74
N-ethyl acetate
Concen: 54.477 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 43 Resp: 140348
Ion Ratio Lower Upper
43 100
70 41.9 33.0 49.4
55 23.2 17.5 26.3
61 24.5 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 54.295 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

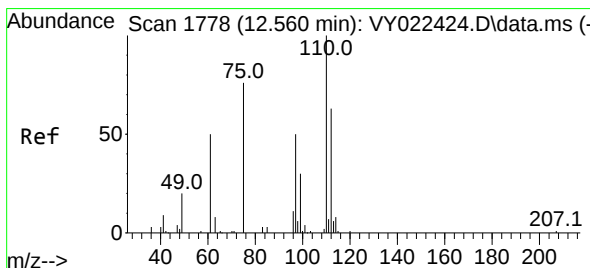
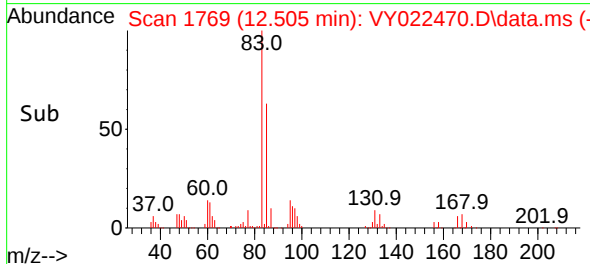
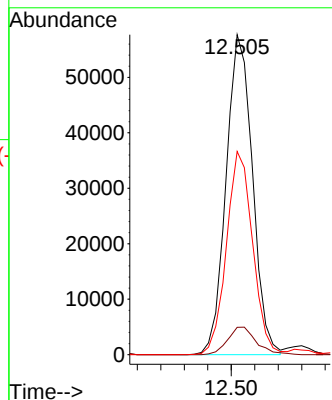
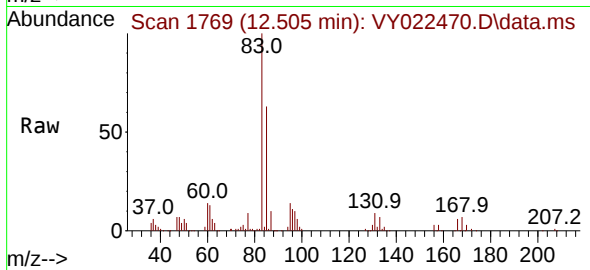
Tgt Ion: 83 Resp: 90065

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.4

85 63.2 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 94.815 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY022470.D

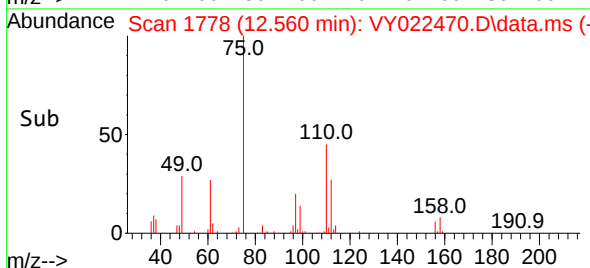
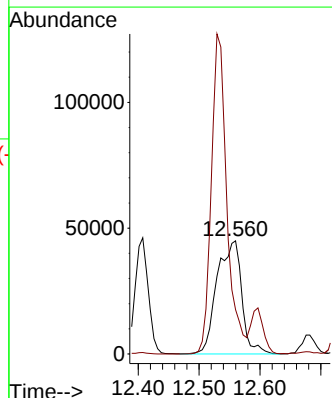
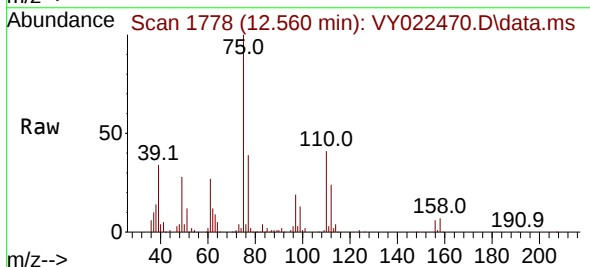
Acq: 29 May 2025 17:04

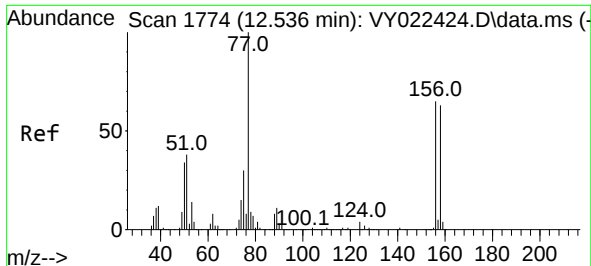
Tgt Ion: 75 Resp: 127051

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

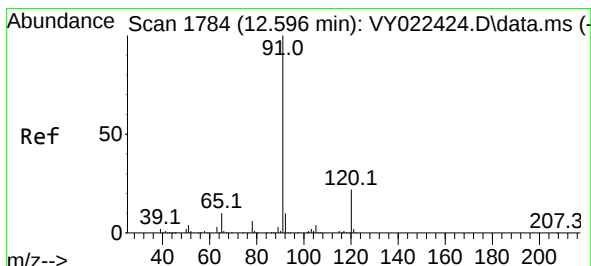
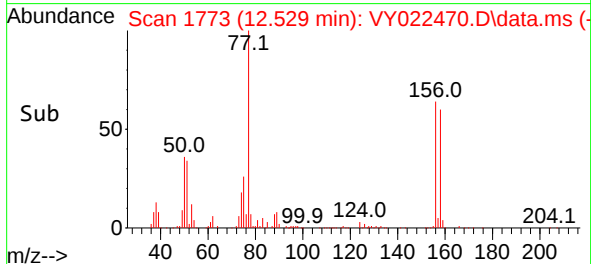
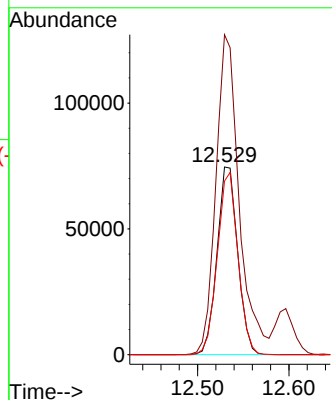
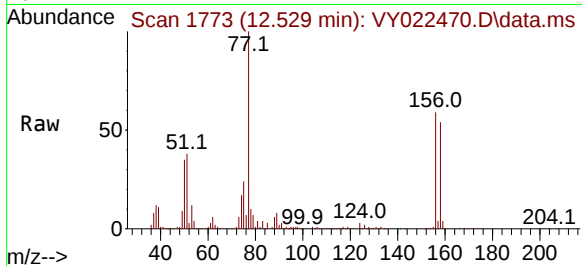




#77
Bromobenzene
Concen: 51.861 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

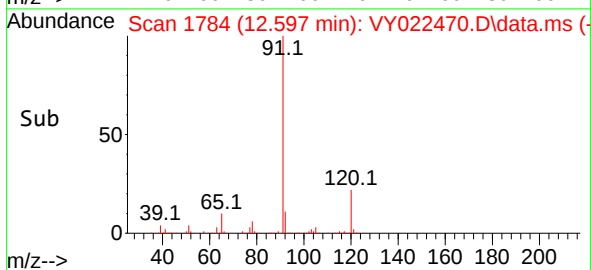
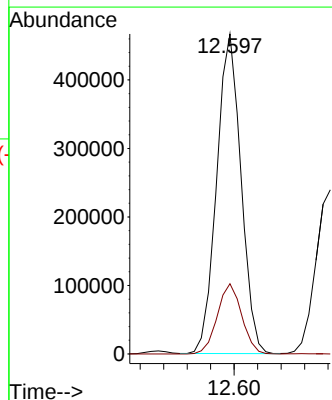
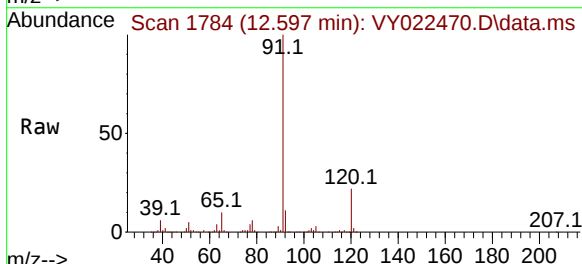
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

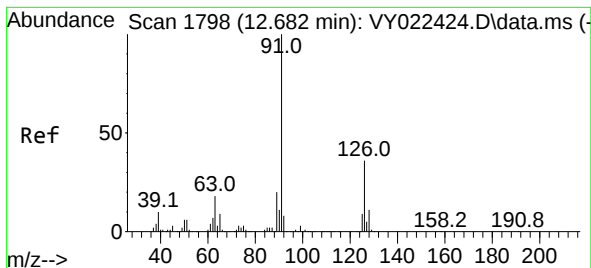
Tgt Ion:156 Resp: 117502
Ion Ratio Lower Upper
156 100
77 191.9 91.4 274.2
158 96.6 48.1 144.3



#78
n-propylbenzene
Concen: 53.100 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 91 Resp: 670933
Ion Ratio Lower Upper
91 100
120 22.0 11.2 33.5





#79

2-Chlorotoluene

Concen: 52.686 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

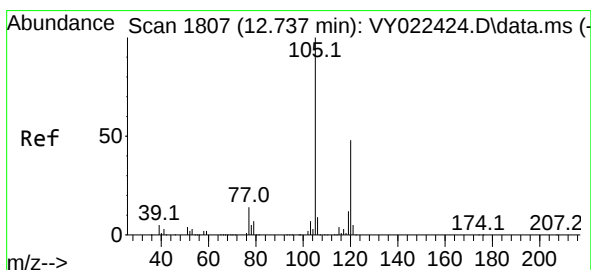
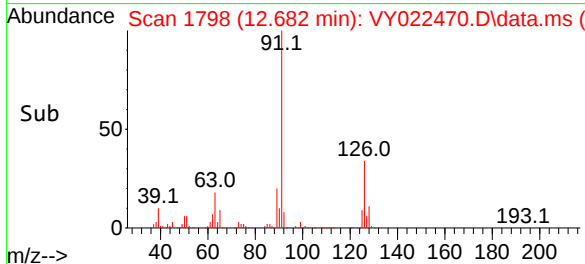
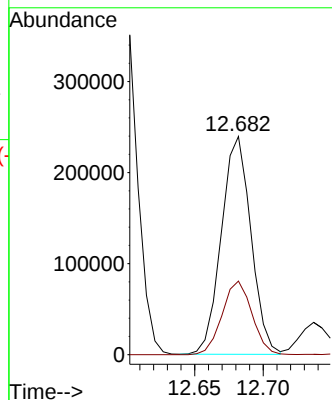
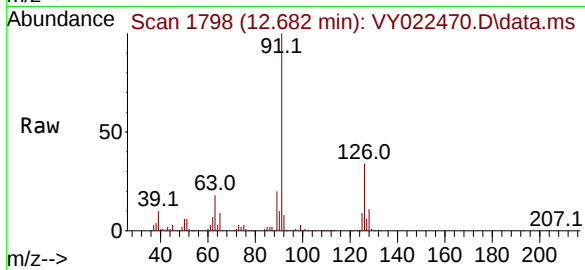
VSTDCCC050EC

Tgt Ion: 91 Resp: 360358

Ion Ratio Lower Upper

91 100

126 33.9 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 53.524 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022470.D

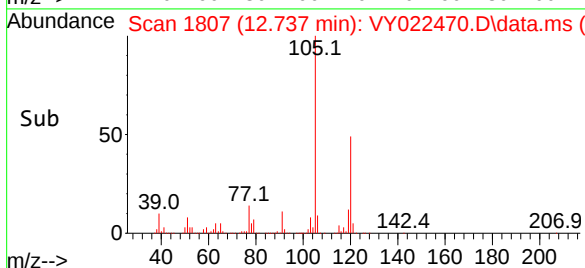
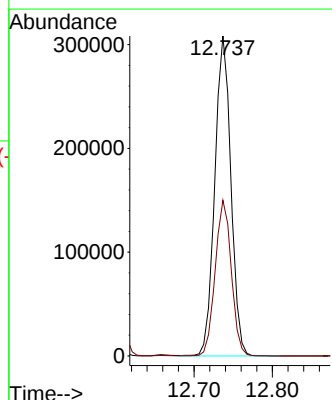
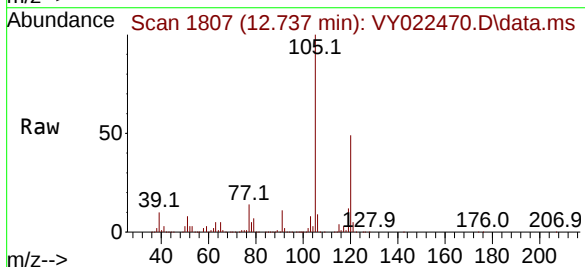
Acq: 29 May 2025 17:04

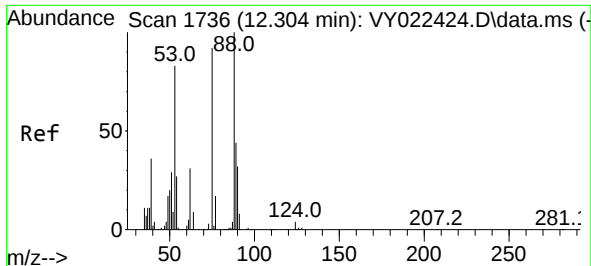
Tgt Ion:105 Resp: 440313

Ion Ratio Lower Upper

105 100

120 48.8 24.3 73.0

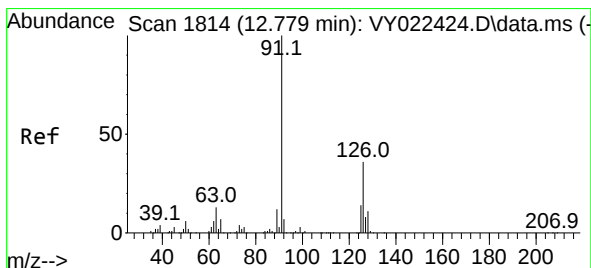
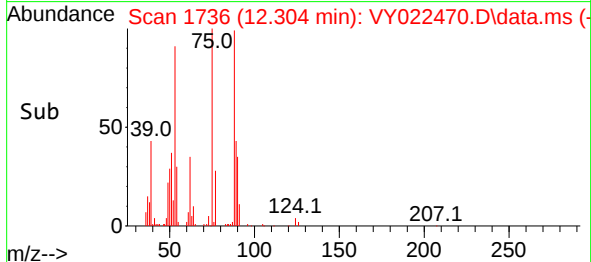
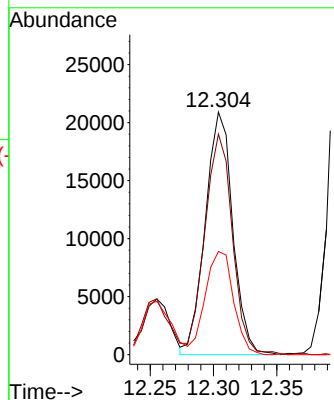
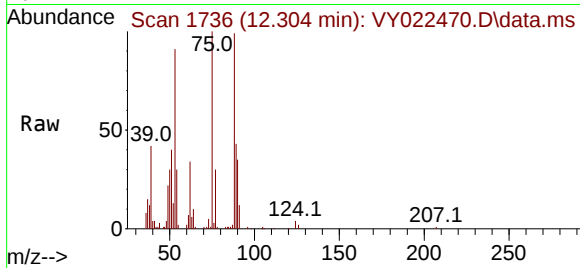




#81
trans-1,4-Dichloro-2-butene
Concen: 53.384 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

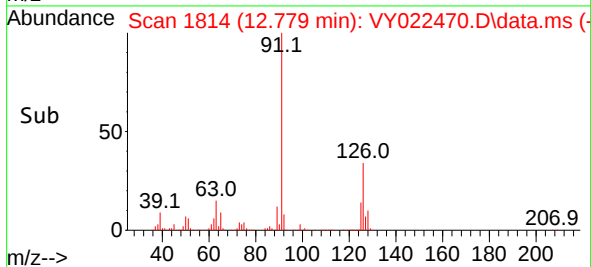
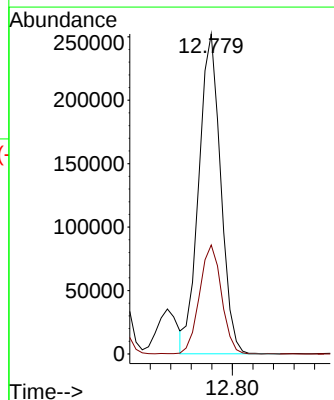
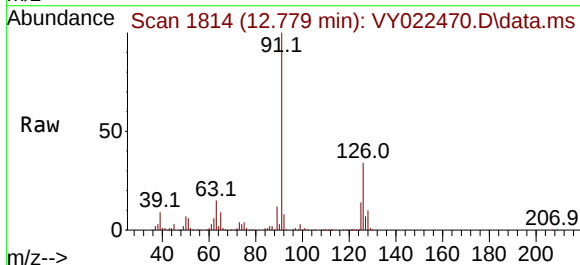
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

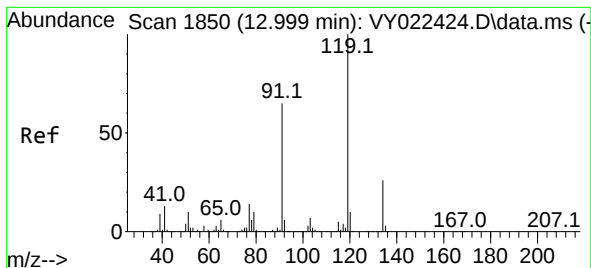
Tgt Ion: 75 Resp: 31632
Ion Ratio Lower Upper
75 100
53 91.5 75.1 112.7
89 43.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.907 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 91 Resp: 372691
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.573 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

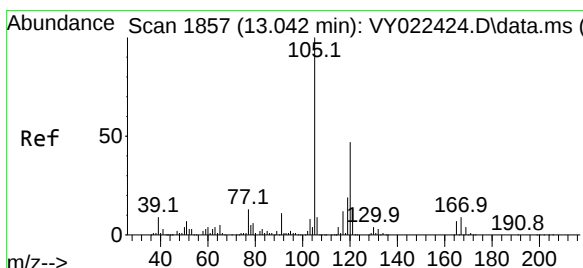
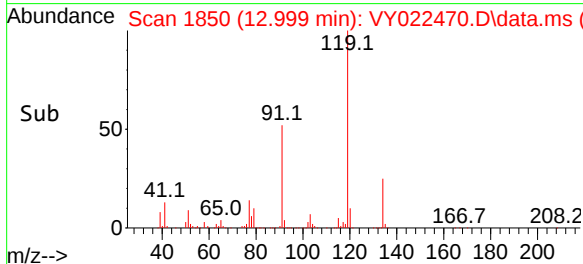
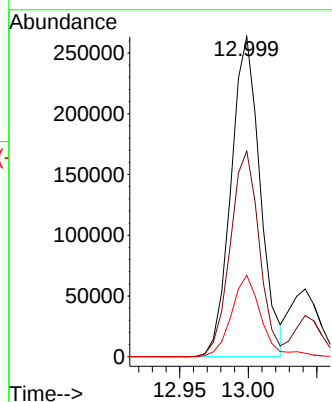
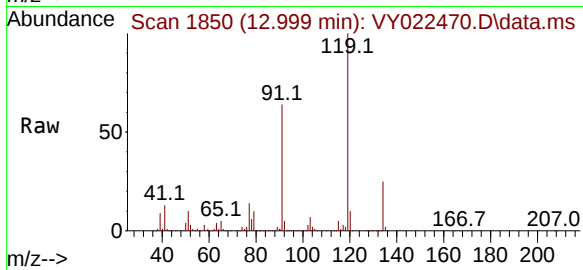
Tgt Ion:119 Resp: 390751

Ion Ratio Lower Upper

119 100

91 63.9 31.8 95.3

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.884 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022470.D

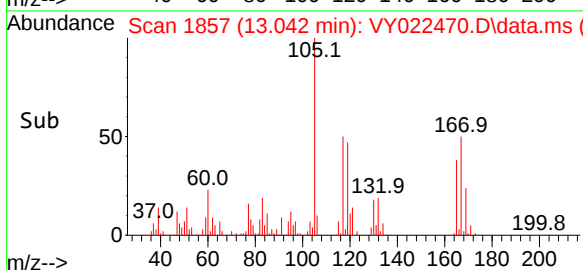
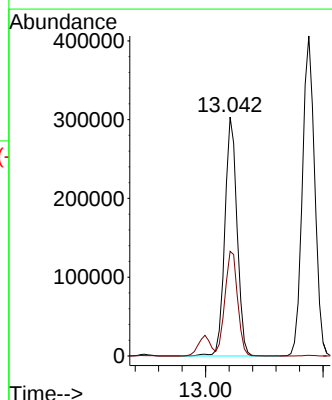
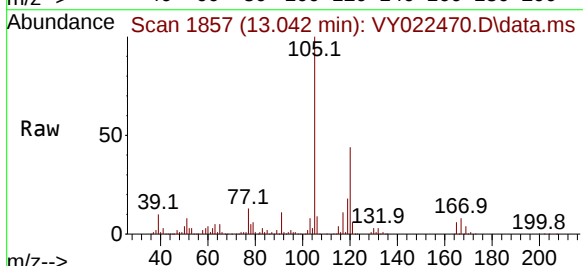
Acq: 29 May 2025 17:04

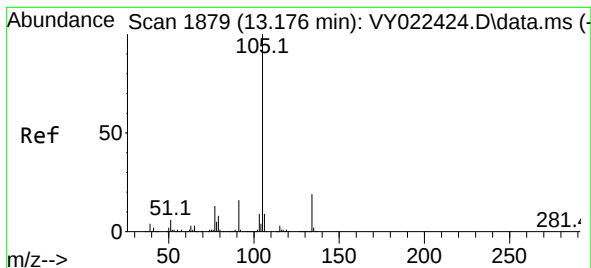
Tgt Ion:105 Resp: 437800

Ion Ratio Lower Upper

105 100

120 45.2 22.9 68.5





#85

sec-Butylbenzene

Concen: 53.345 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

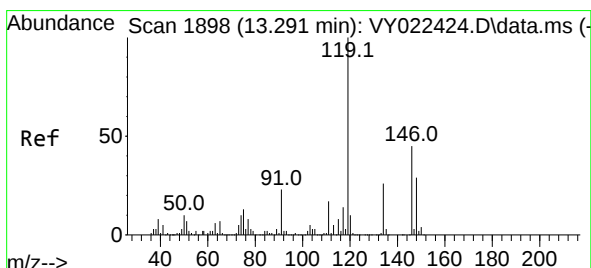
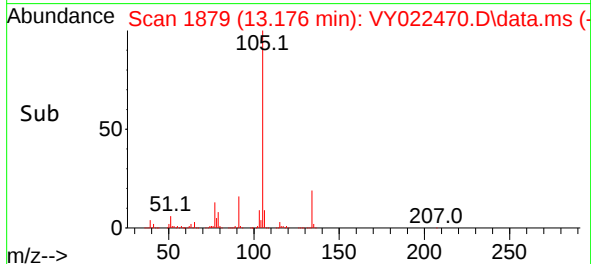
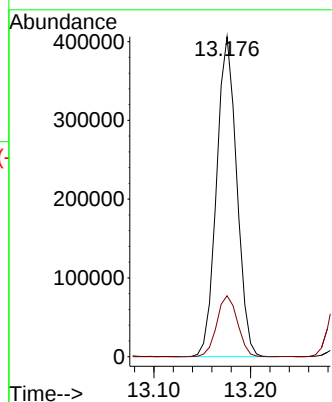
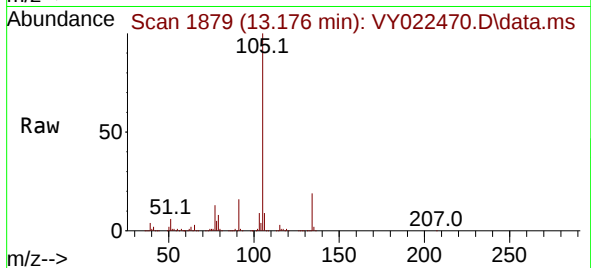
VSTDCCC050EC

Tgt Ion:105 Resp: 588004

Ion Ratio Lower Upper

105 100

134 19.6 9.7 29.1



#86

p-Isopropyltoluene

Concen: 53.388 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

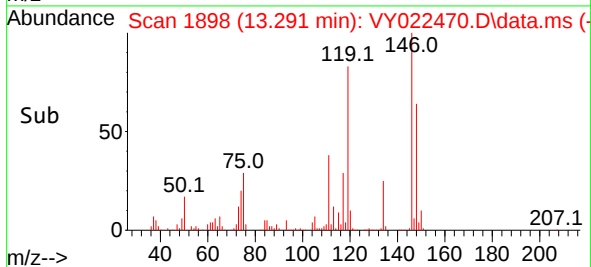
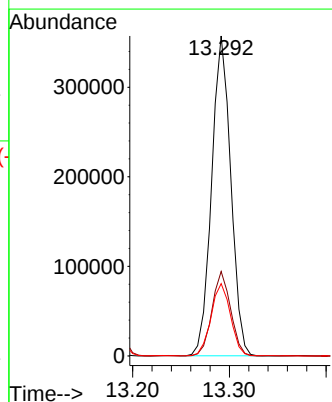
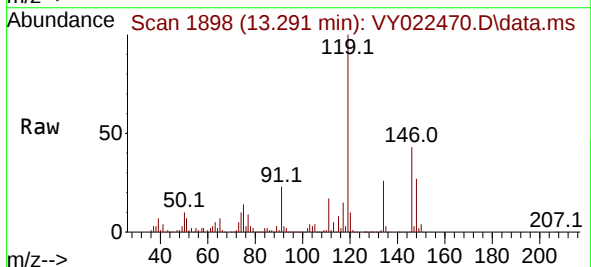
Tgt Ion:119 Resp: 491408

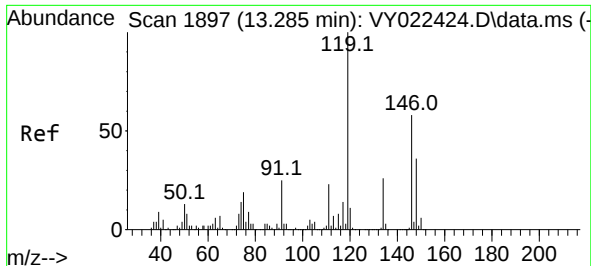
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 22.9 11.6 34.8

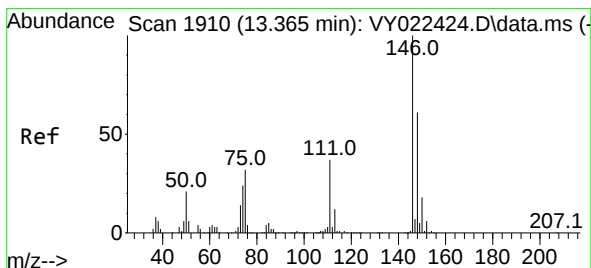
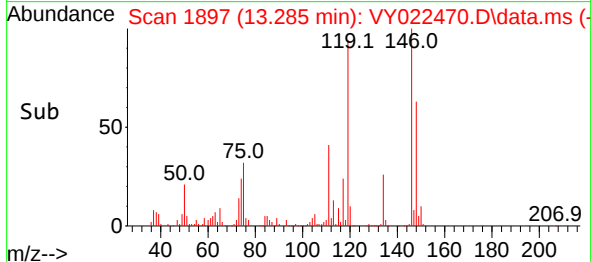
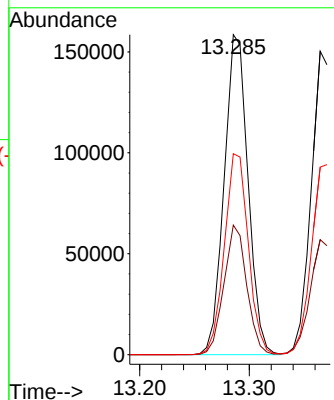
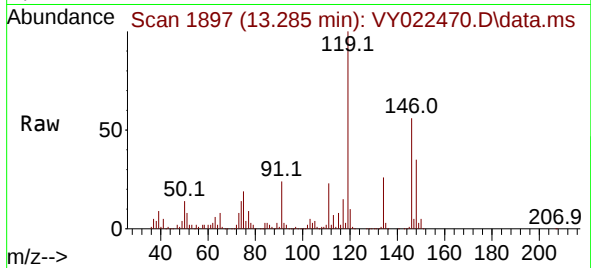




#87
 1,3-Dichlorobenzene
 Concen: 52.627 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY022470.D
 Acq: 29 May 2025 17:04

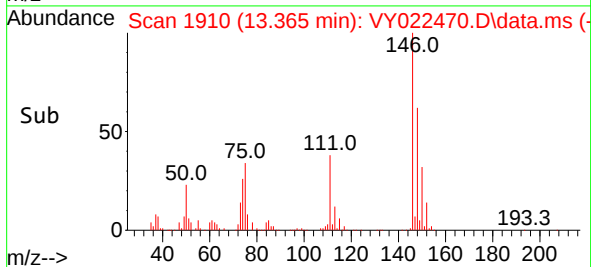
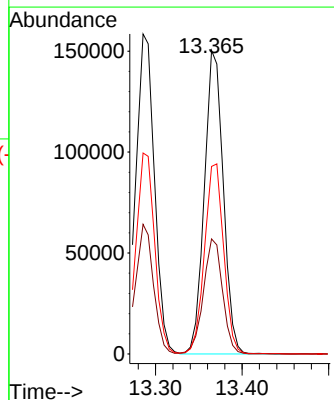
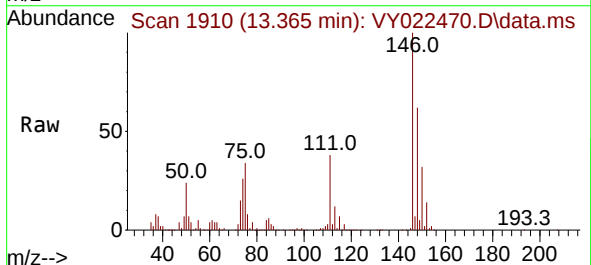
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

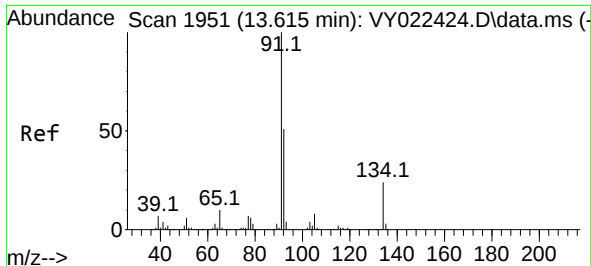
Tgt Ion:146 Resp: 239918
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.8
 148 63.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 52.358 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY022470.D
 Acq: 29 May 2025 17:04

Tgt Ion:146 Resp: 228234
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.7 56.1
 148 63.6 31.4 94.3





#89

n-Butylbenzene

Concen: 53.463 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

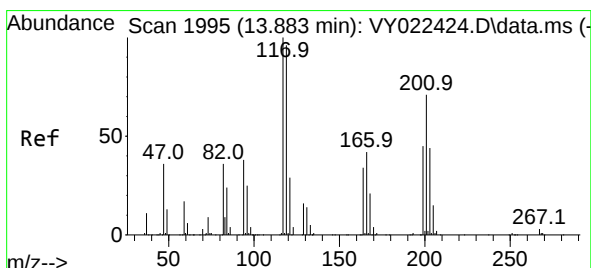
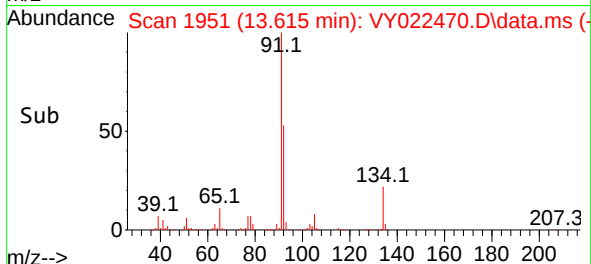
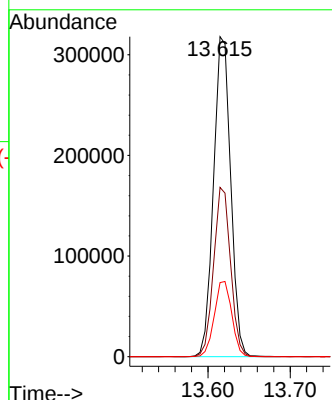
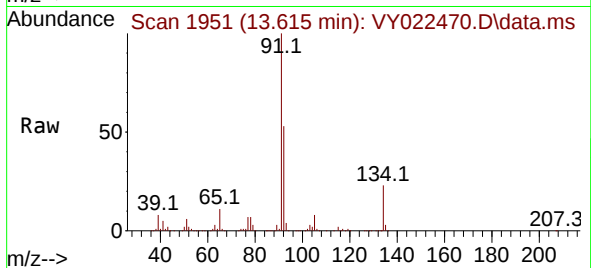
Tgt Ion: 91 Resp: 461407

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.6

134 23.9 12.4 37.0



#90

Hexachloroethane

Concen: 51.830 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY022470.D

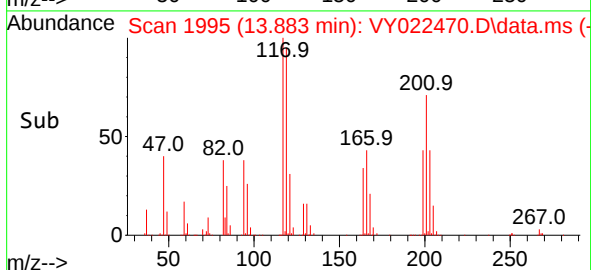
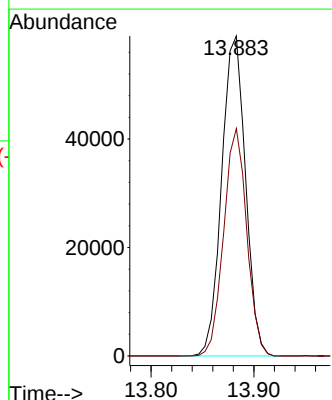
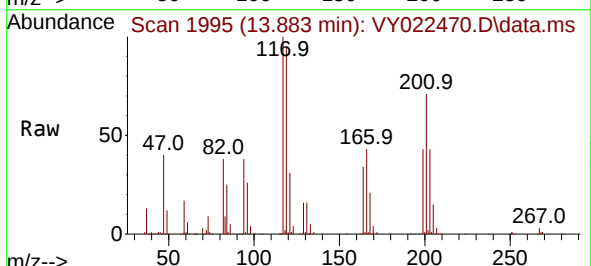
Acq: 29 May 2025 17:04

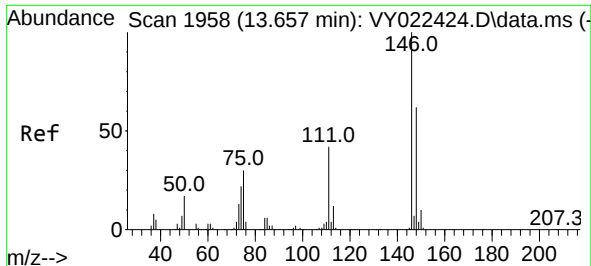
Tgt Ion: 117 Resp: 94937

Ion Ratio Lower Upper

117 100

201 68.8 35.0 105.0

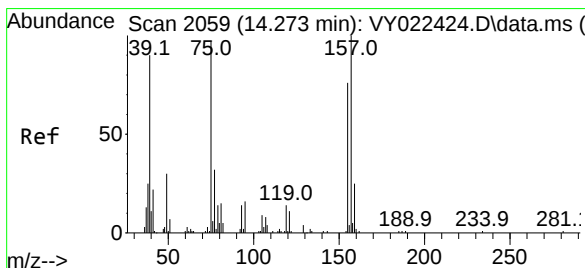
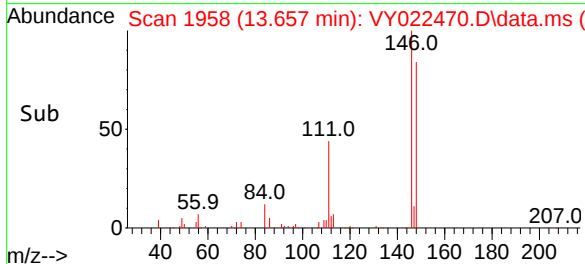
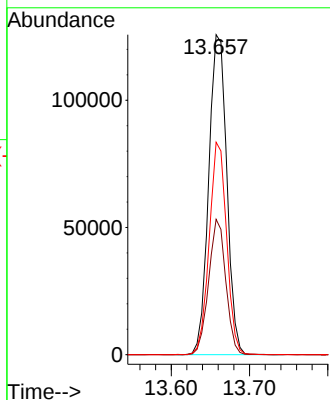
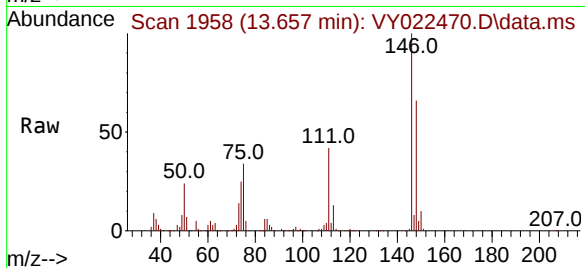




#91
1,2-Dichlorobenzene
Concen: 52.788 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

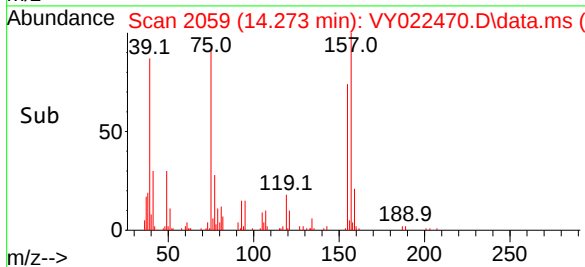
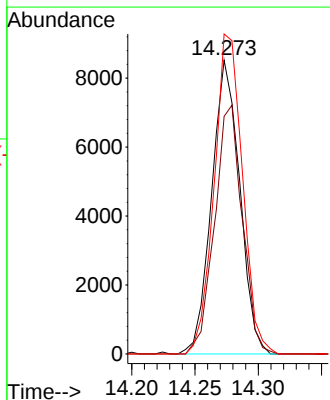
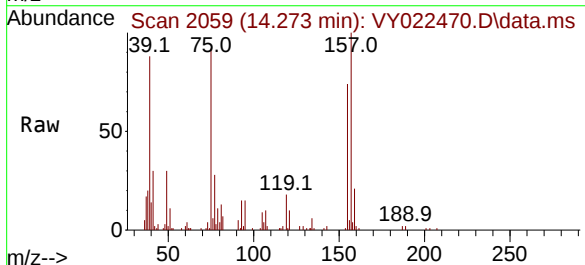
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

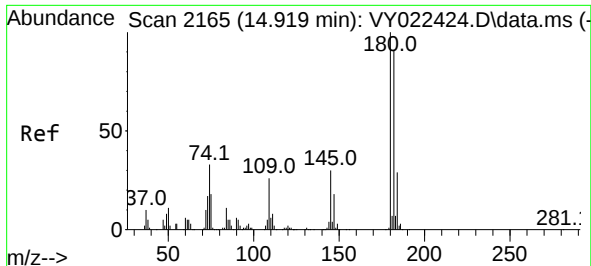
Tgt Ion:146 Resp: 201007
Ion Ratio Lower Upper
146 100
111 40.3 20.5 61.6
148 64.0 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.278 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 75 Resp: 13144
Ion Ratio Lower Upper
75 100
155 83.6 42.3 126.8
157 109.9 54.4 163.3

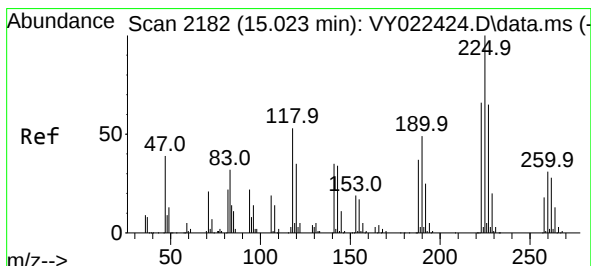
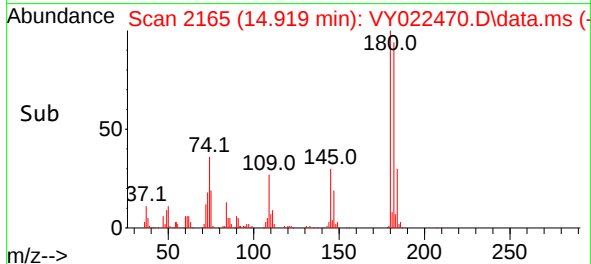
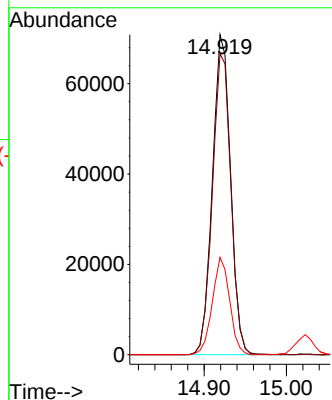
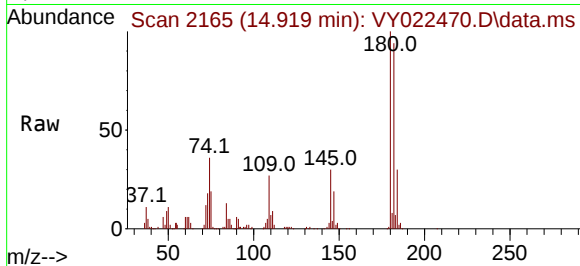




#93
1,2,4-Trichlorobenzene
Concen: 51.479 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

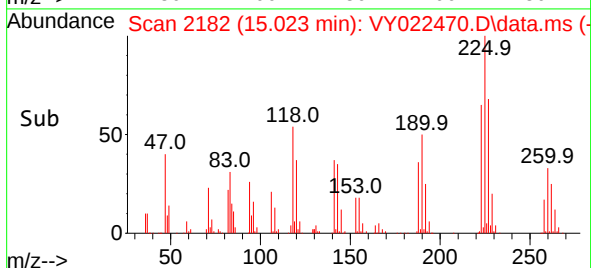
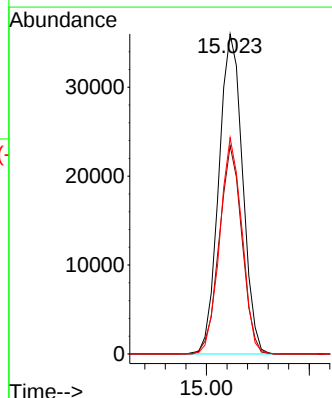
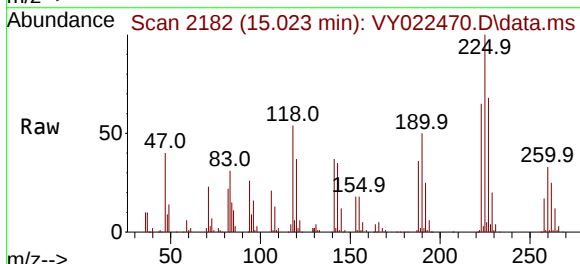
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

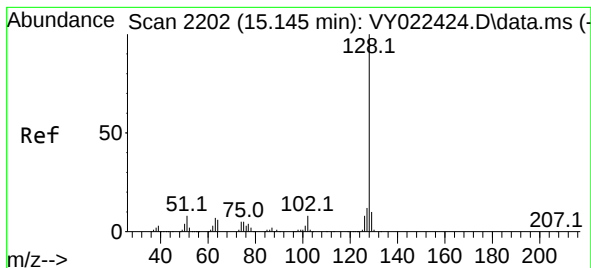
Tgt Ion:180 Resp: 108671
Ion Ratio Lower Upper
180 100
182 95.4 46.2 138.6
145 29.1 14.2 42.8



#94
Hexachlorobutadiene
Concen: 52.030 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion:225 Resp: 57641
Ion Ratio Lower Upper
225 100
223 62.2 32.6 97.7
227 63.1 33.0 99.0





#95

Naphthalene

Concen: 53.752 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

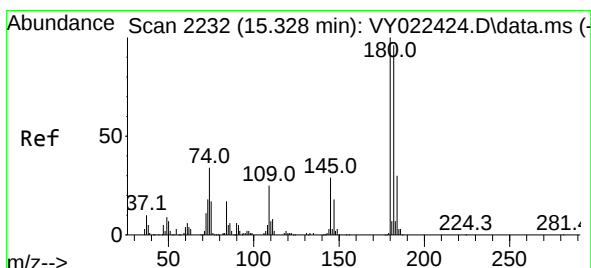
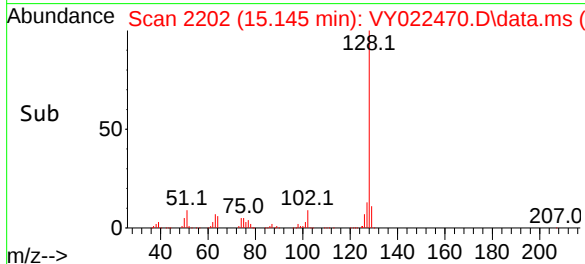
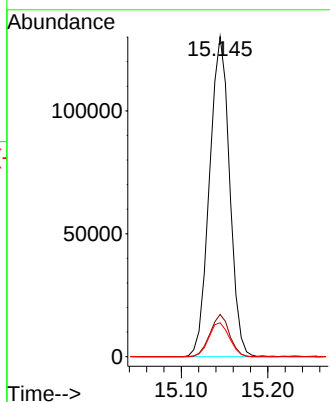
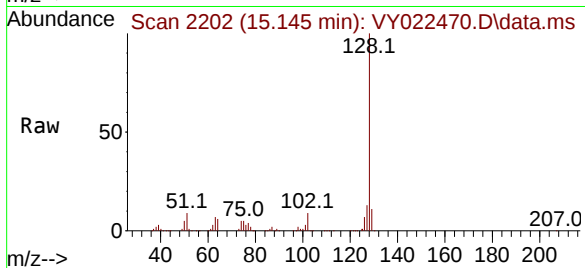
Tgt Ion:128 Resp: 209768

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 52.006 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Tgt Ion:180 Resp: 90036

Ion Ratio Lower Upper

180 100

182 96.9 48.1 144.3

145 31.6 14.9 44.5

