

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
 Data File : VY023784.D
 Acq On : 13 Nov 2025 14:20
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 14 04:26:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	564063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	848040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	755373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	439598	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	238518	49.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.140%
35) Dibromofluoromethane	7.634	113	259472	48.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.920%
50) Toluene-d8	10.103	98	988590	50.076	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.402	95	337476	52.860	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	155779	42.072	ug/l	98
3) Chloromethane	2.074	50	235641	45.478	ug/l	100
4) Vinyl Chloride	2.208	62	298114	44.216	ug/l	98
5) Bromomethane	2.598	94	231017	40.734	ug/l	97
6) Chloroethane	2.739	64	204369	43.857	ug/l	100
7) Trichlorofluoromethane	3.062	101	436128	45.929	ug/l	98
8) Diethyl Ether	3.458	74	129183	50.732	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	262264	50.130	ug/l	99
10) Methyl Iodide	4.007	142	291079	47.116	ug/l	99
11) Tert butyl alcohol	4.860	59	87008	280.445	ug/l	99
12) 1,1-Dichloroethene	3.793	96	247785	49.167	ug/l	100
13) Acrolein	3.653	56	51369	128.819	ug/l	99
14) Allyl chloride	4.385	41	326284	53.191	ug/l	95
15) Acrylonitrile	5.061	53	267562	274.950	ug/l	99
16) Acetone	3.866	43	288837	241.503	ug/l	99
17) Carbon Disulfide	4.110	76	745068	48.168	ug/l	100
18) Methyl Acetate	4.391	43	132997	50.415	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	637006	54.510	ug/l	99
20) Methylene Chloride	4.616	84	289491	50.140	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	285693	50.277	ug/l	95
22) Diisopropyl ether	6.019	45	753748	55.145	ug/l	97
23) Vinyl Acetate	5.958	43	2055147	281.753	ug/l	99
24) 1,1-Dichloroethane	5.915	63	473038	51.949	ug/l	100
25) 2-Butanone	6.896	43	361374	261.336	ug/l	98
26) 2,2-Dichloropropane	6.884	77	431073	51.465	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	336126	51.793	ug/l	98
28) Bromochloromethane	7.244	49	181412	52.031	ug/l	94
29) Tetrahydrofuran	7.262	42	209812	284.904	ug/l	97
30) Chloroform	7.421	83	517986	50.984	ug/l	100
31) Cyclohexane	7.701	56	410288	51.739	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	460178	50.678	ug/l	100
36) 1,1-Dichloropropene	7.835	75	361149	50.997	ug/l	99
37) Ethyl Acetate	6.982	43	151120	55.123	ug/l	99
38) Carbon Tetrachloride	7.817	117	417559	50.044	ug/l	99
39) Methylcyclohexane	9.109	83	476783	52.691	ug/l	97
40) Benzene	8.079	78	1133664	50.786	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	199494	133.313	ug/l #	30
42) 1,2-Dichloroethane	8.158	62	285043	50.473	ug/l	99
43) Isopropyl Acetate	8.195	43	278823	54.130	ug/l	99
44) Trichloroethene	8.866	130	308410	48.103	ug/l	99
45) 1,2-Dichloropropane	9.140	63	255582	51.879	ug/l	99
46) Dibromomethane	9.231	93	154640	50.660	ug/l	98
47) Bromodichloromethane	9.420	83	394125	51.211	ug/l	100
48) Methyl methacrylate	9.219	41	135747	55.779	ug/l	97
49) 1,4-Dioxane	9.225	88	35041	1121.706	ug/l	99
51) 4-Methyl-2-Pentanone	9.993	43	765765	279.543	ug/l	100
52) Toluene	10.170	92	729366	51.179	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	343332	52.723	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	412632	52.888	ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	208491	51.109	ug/l	97
56) Ethyl methacrylate	10.438	69	258091	57.422	ug/l	100
57) 1,3-Dichloropropane	10.713	76	338324	52.287	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	589190	285.673	ug/l	97
59) 2-Hexanone	10.755	43	544697	272.546	ug/l	100
60) Dibromochloromethane	10.908	129	281795	50.275	ug/l	99
61) 1,2-Dibromoethane	11.012	107	197255	51.524	ug/l	99
64) Tetrachloroethene	10.646	164	362147	46.061	ug/l	98
65) Chlorobenzene	11.438	112	799270	48.604	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	289215	49.737	ug/l	99
67) Ethyl Benzene	11.518	91	1376972	51.737	ug/l	98
68) m/p-Xylenes	11.627	106	1084717	102.009	ug/l	97
69) o-Xylene	11.950	106	504759	51.351	ug/l	96
70) Styrene	11.969	104	851104	52.478	ug/l	99
71) Bromoform	12.127	173	172290	50.731	ug/l	100
73) Isopropylbenzene	12.249	105	1331220	45.278	ug/l	100
74) N-amyl acetate	12.066	43	242381	48.693	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	218779	46.591	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	287352	80.769	ug/l #	100
77) Bromobenzene	12.530	156	325459	42.675	ug/l	94
78) n-propylbenzene	12.591	91	1579324	45.667	ug/l	99
79) 2-Chlorotoluene	12.676	91	909228	45.307	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	1097468	45.942	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	70950	45.069	ug/l	99
82) 4-Chlorotoluene	12.773	91	927086	44.795	ug/l	98
83) tert-Butylbenzene	12.993	119	1100628	50.588	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1171920	49.531	ug/l	99
85) sec-Butylbenzene	13.170	105	1575251	50.198	ug/l	100
86) p-Isopropyltoluene	13.292	119	1350297	50.830	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	708955	47.231	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	697602	47.312	ug/l	99
89) n-Butylbenzene	13.615	91	1212616	52.494	ug/l	98
90) Hexachloroethane	13.877	117	278941	48.861	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	643270	49.728	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	35292	48.813	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	378632	51.172	ug/l	99
94) Hexachlorobutadiene	15.017	225	246698	50.887	ug/l	100
95) Naphthalene	15.139	128	602961	46.969	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	321686	52.036	ug/l	99

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QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

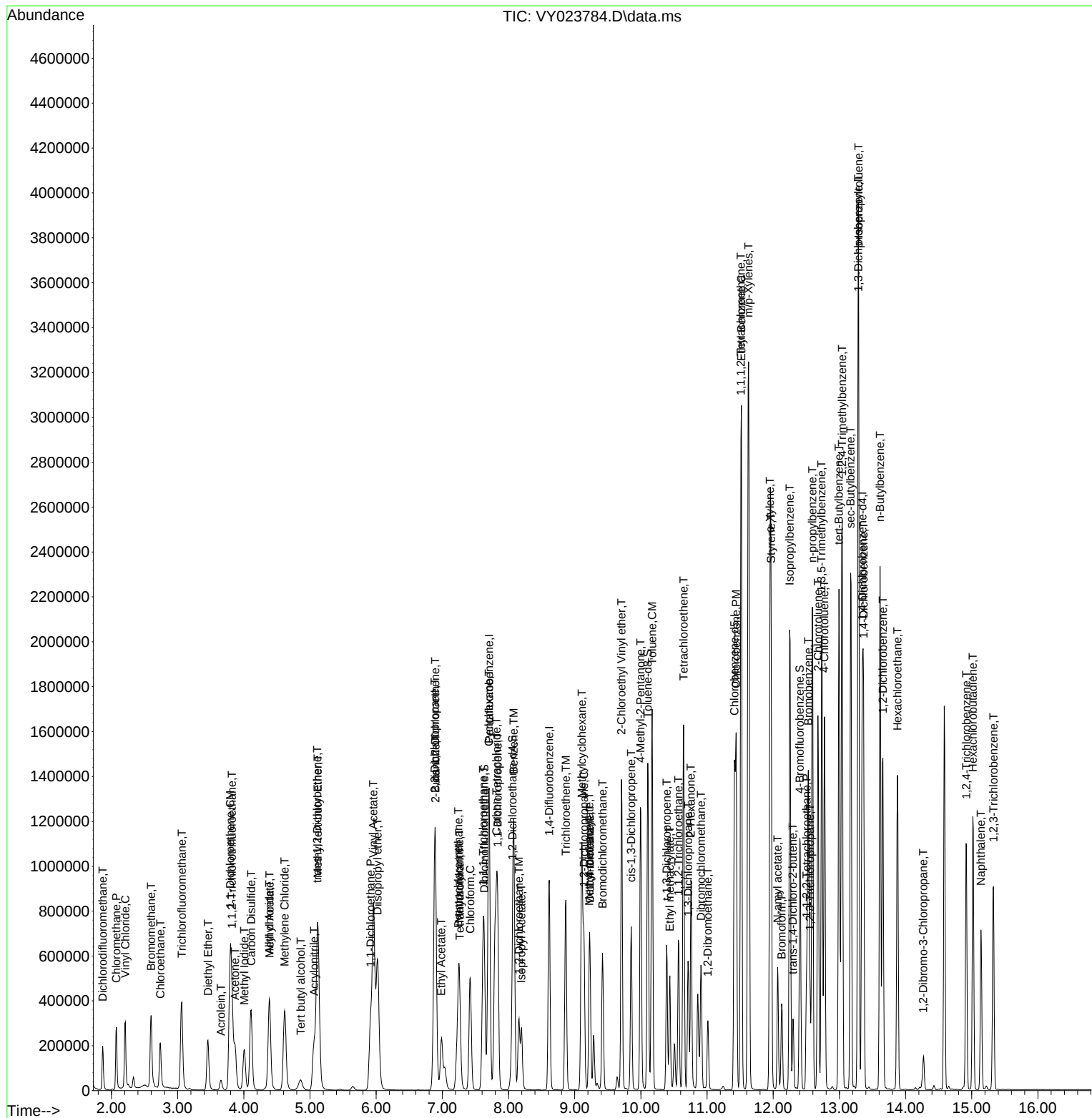
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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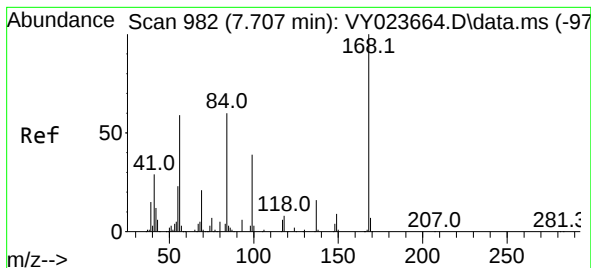
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY023784.D

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Instrument :

MSVOA_Y

ClientSampleId :

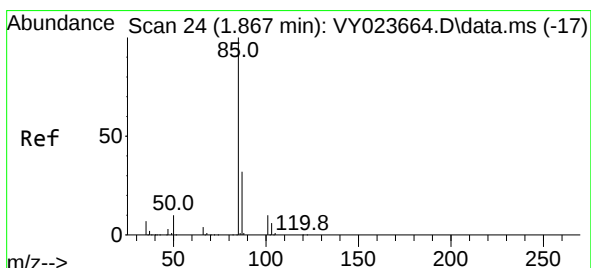
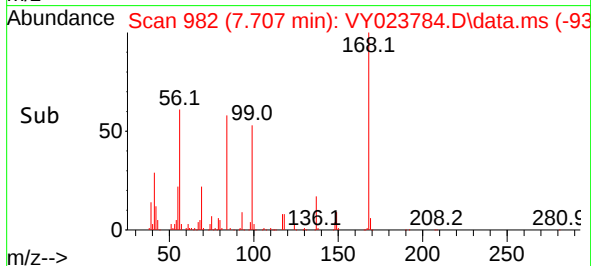
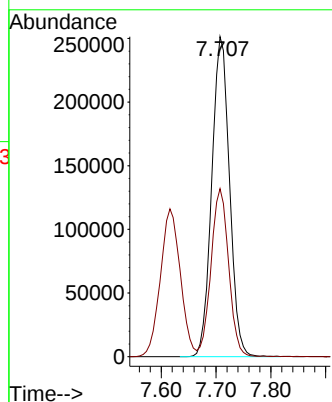
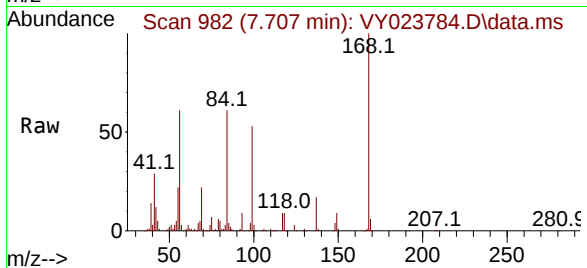
VSTDCCC050EC

Tgt Ion:168 Resp: 564063

Ion Ratio Lower Upper

168 100

99 52.5 41.0 61.4



#2

Dichlorodifluoromethane

Concen: 42.072 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY023784.D

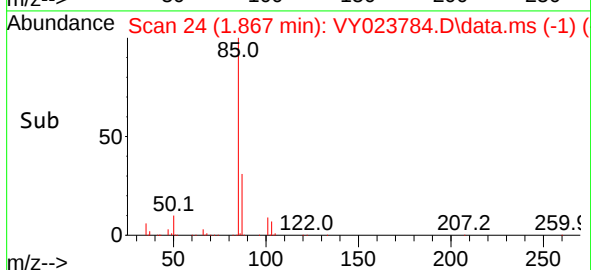
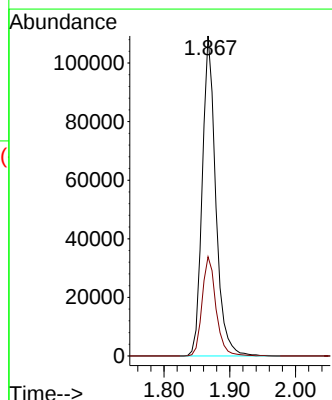
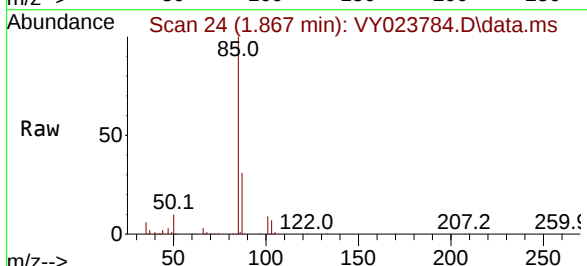
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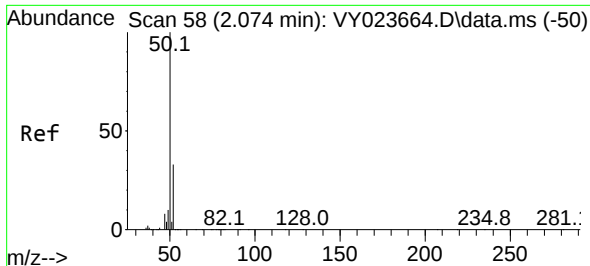
Tgt Ion: 85 Resp: 155779

Ion Ratio Lower Upper

85 100

87 31.0 16.2 48.6

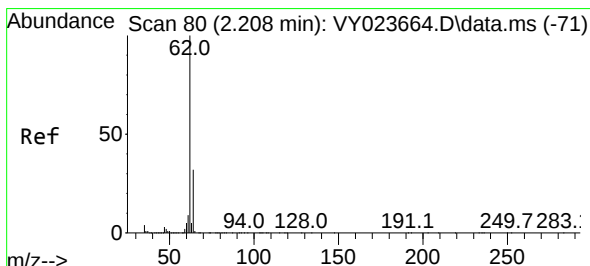
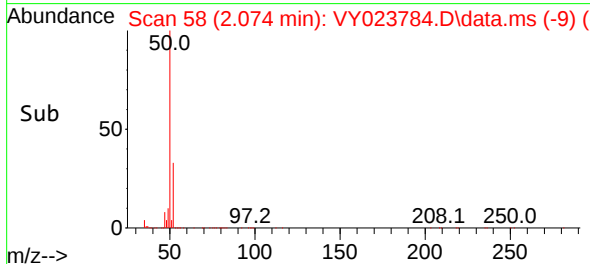
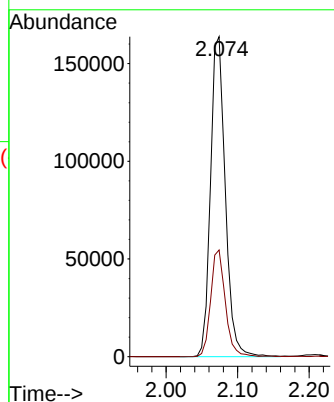
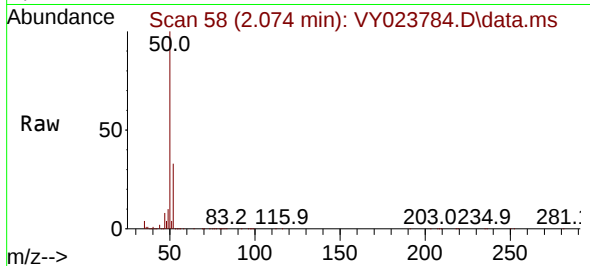




#3
Chloromethane
Concen: 45.478 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

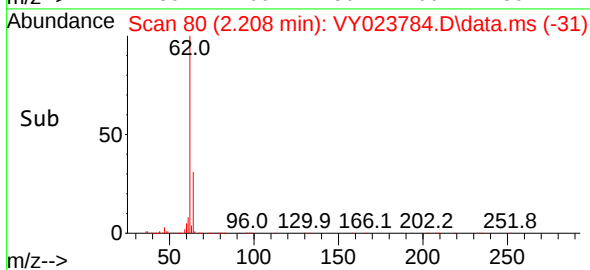
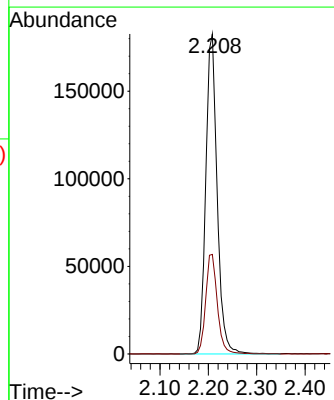
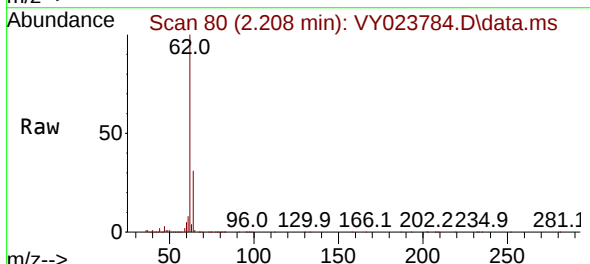
Instrument :
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ClientSampleId :
VSTDCCC050EC

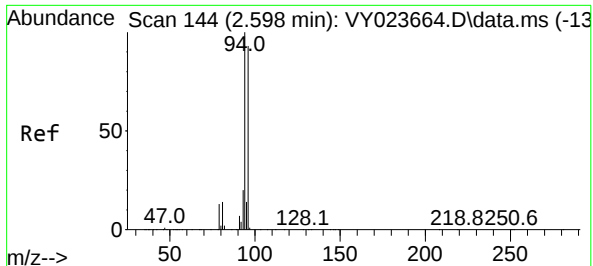
Tgt Ion: 50 Resp: 235641
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7



#4
Vinyl Chloride
Concen: 44.216 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 62 Resp: 298114
Ion Ratio Lower Upper
62 100
64 31.1 25.7 38.5

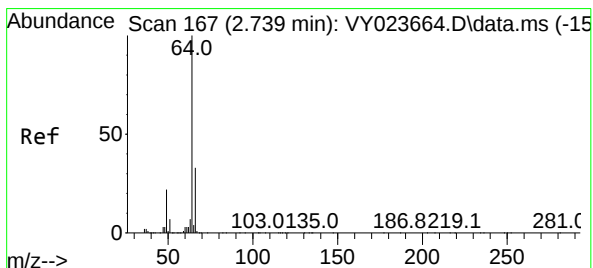
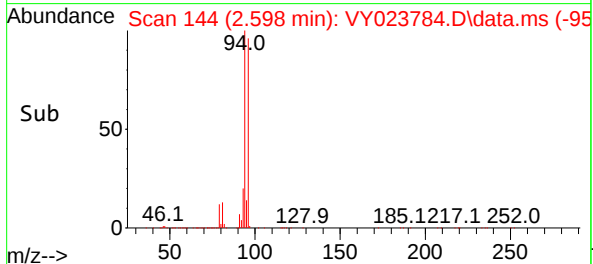
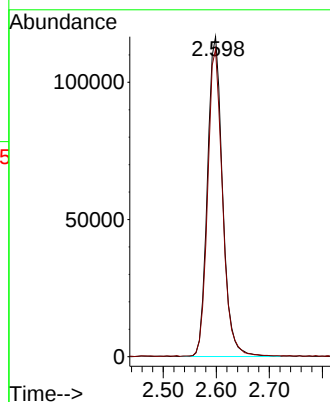
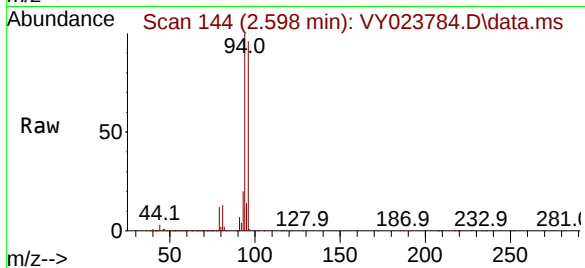




#5
Bromomethane
Concen: 40.734 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

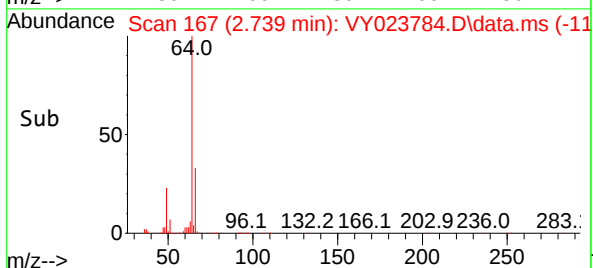
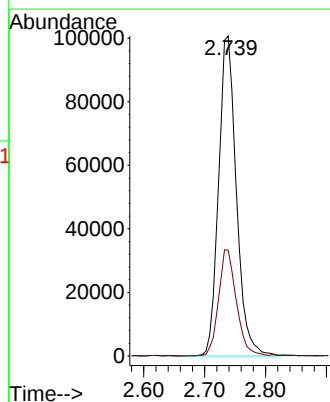
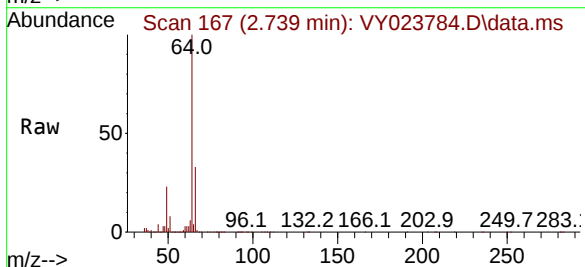
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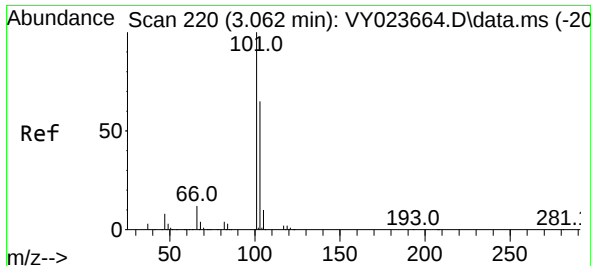
Tgt Ion: 94 Resp: 231017
Ion Ratio Lower Upper
94 100
96 96.1 74.4 111.6



#6
Chloroethane
Concen: 43.857 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 64 Resp: 204369
Ion Ratio Lower Upper
64 100
66 33.1 26.2 39.4

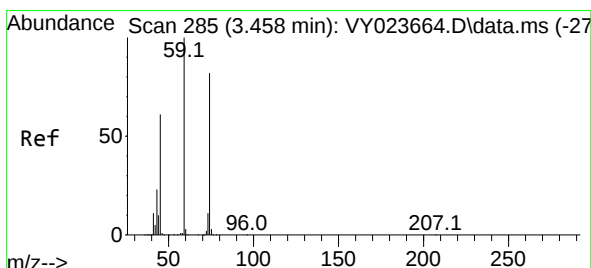
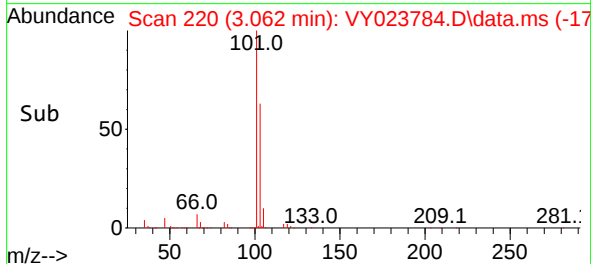
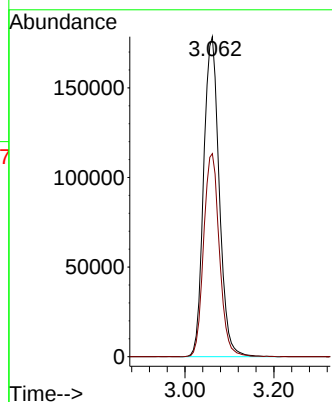
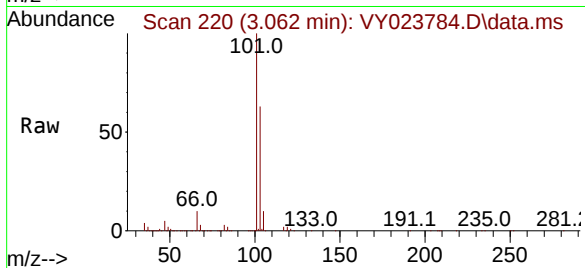




#7
 Trichlorofluoromethane
 Concen: 45.929 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023784.D
 Acq: 13 Nov 2025 14:20

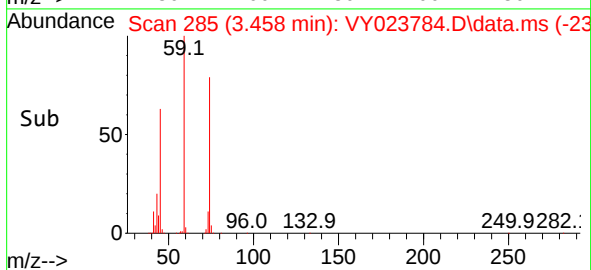
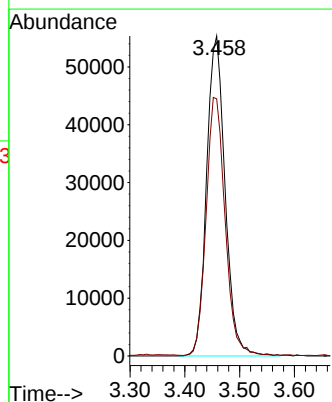
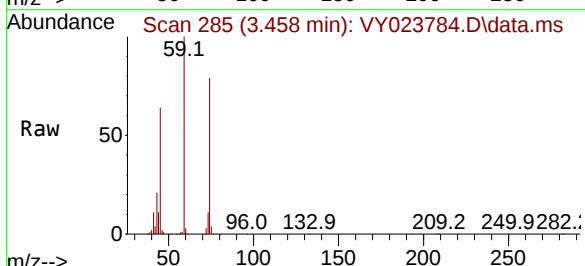
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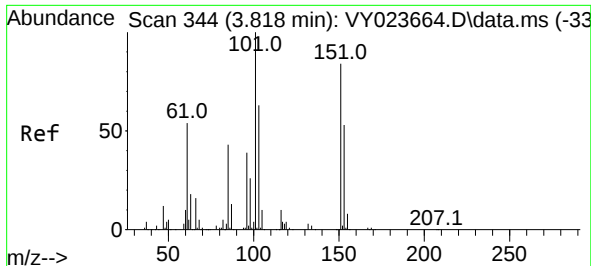
Tgt Ion:101 Resp: 436128
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.1 78.1



#8
 Diethyl Ether
 Concen: 50.732 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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 Acq: 13 Nov 2025 14:20

Tgt Ion: 74 Resp: 129183
 Ion Ratio Lower Upper
 74 100
 45 83.0 40.6 121.7

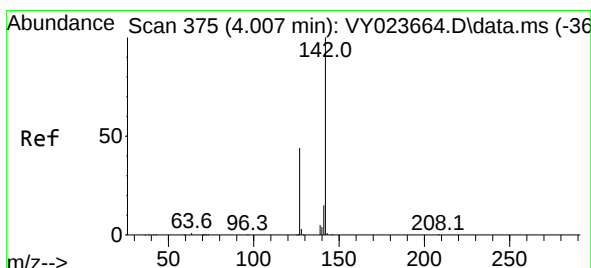
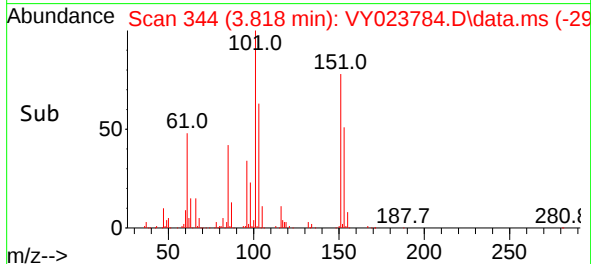
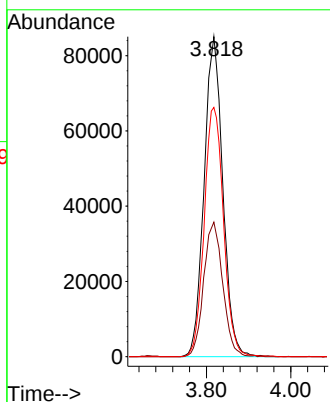
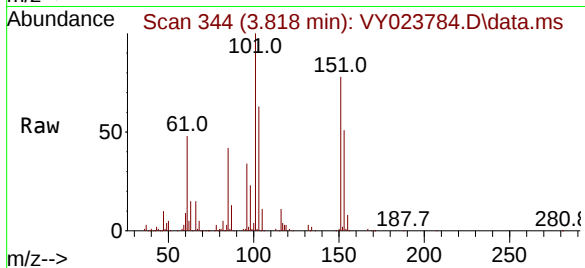




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.130 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

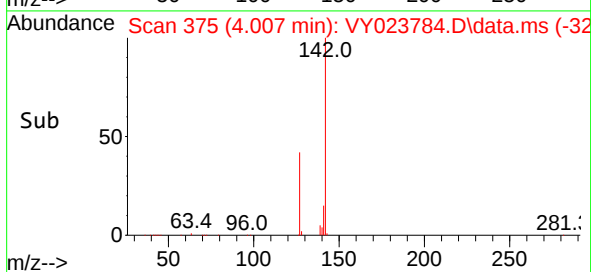
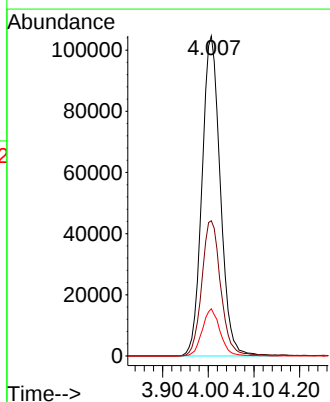
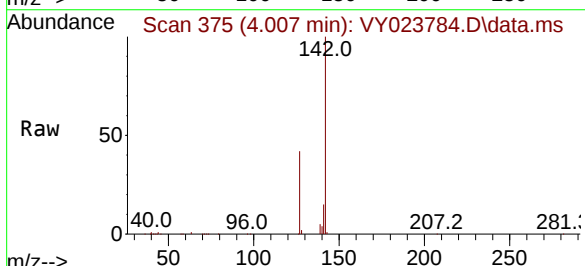
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

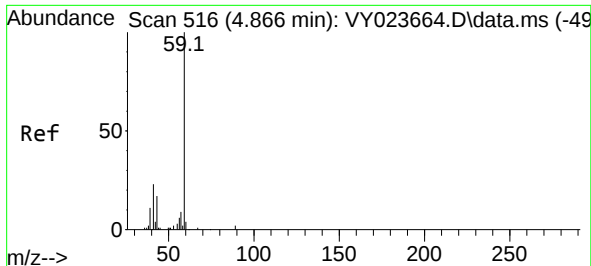
Tgt Ion:101 Resp: 262264
Ion Ratio Lower Upper
101 100
85 42.9 34.4 51.6
151 80.5 65.6 98.4



#10
Methyl Iodide
Concen: 47.116 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion:142 Resp: 291079
Ion Ratio Lower Upper
142 100
127 43.6 34.6 51.8
141 14.4 11.6 17.4

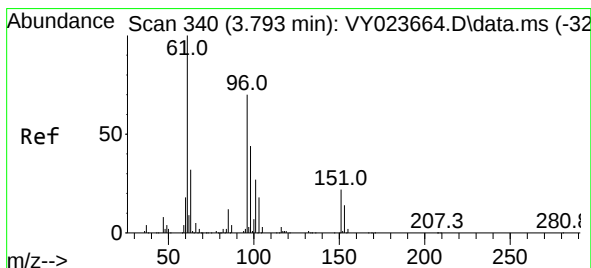
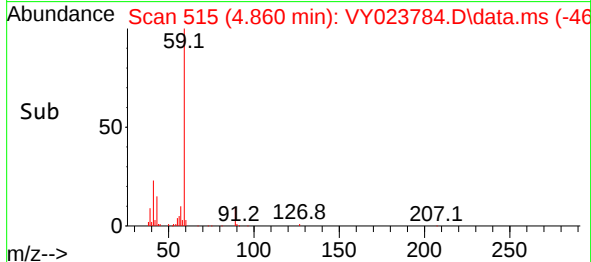
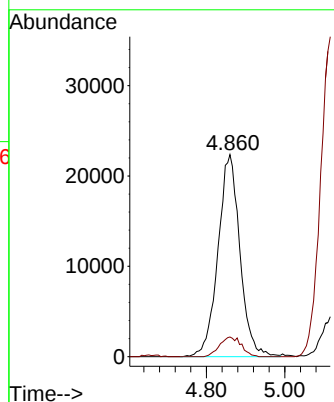
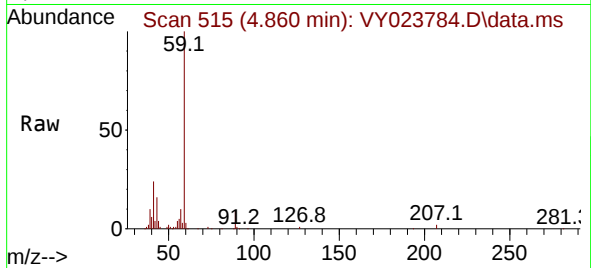




#11
Tert butyl alcohol
Concen: 280.445 ug/l
RT: 4.860 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

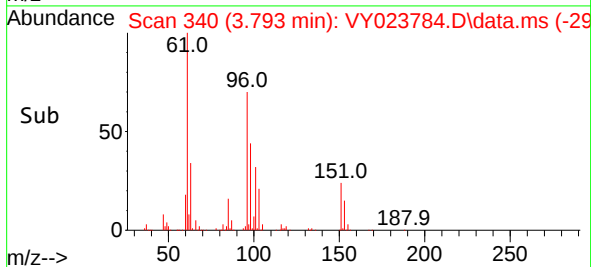
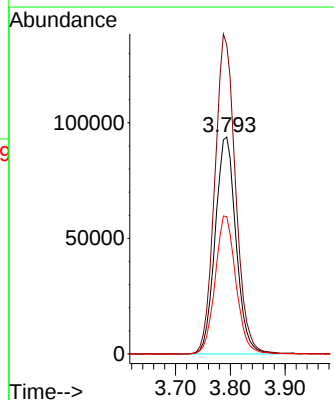
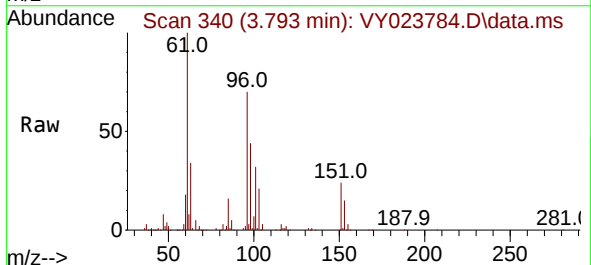
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

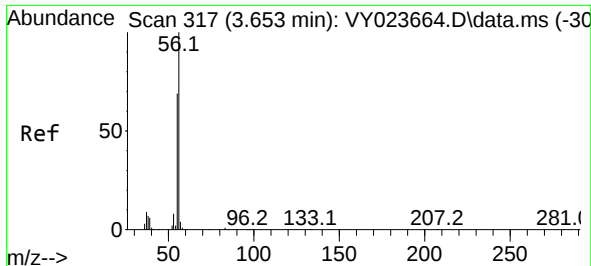
Tgt Ion: 59 Resp: 87008
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.2



#12
1,1-Dichloroethene
Concen: 49.167 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 96 Resp: 247785
Ion Ratio Lower Upper
96 100
61 142.5 114.0 171.0
98 63.2 50.2 75.2

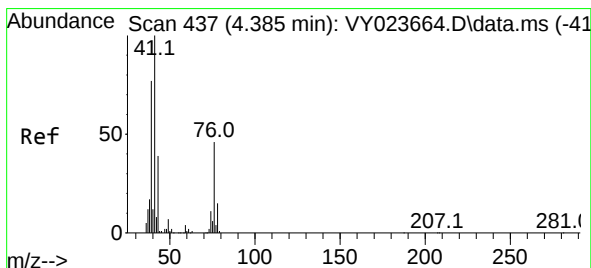
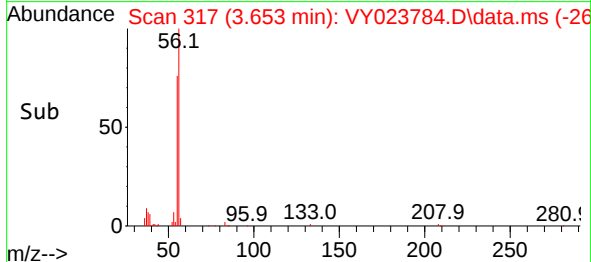
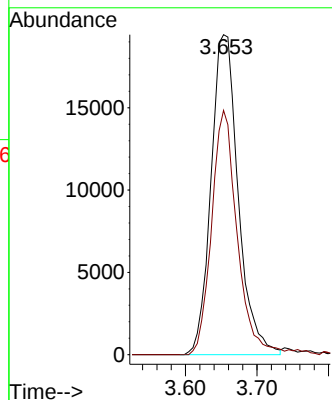
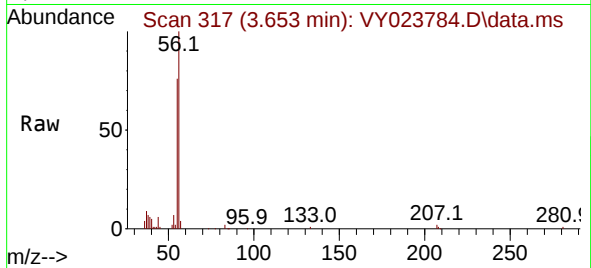




#13
Acrolein
Concen: 128.819 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

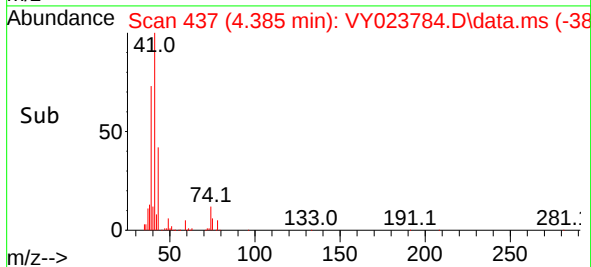
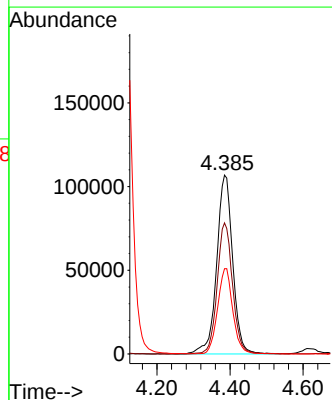
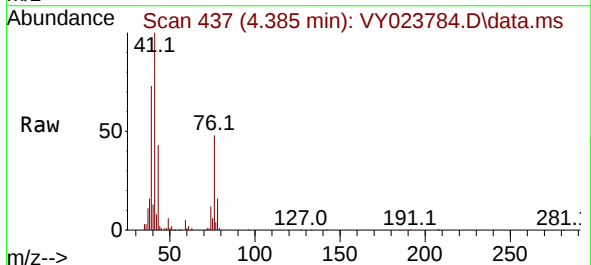
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

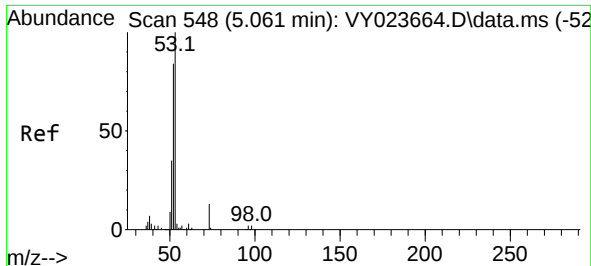
Tgt Ion: 56 Resp: 51369
Ion Ratio Lower Upper
56 100
55 71.5 56.6 84.8



#14
Allyl chloride
Concen: 53.191 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 41 Resp: 326284
Ion Ratio Lower Upper
41 100
39 70.3 60.4 90.6
76 45.2 38.0 57.0

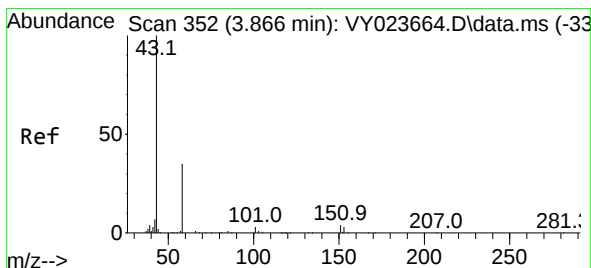
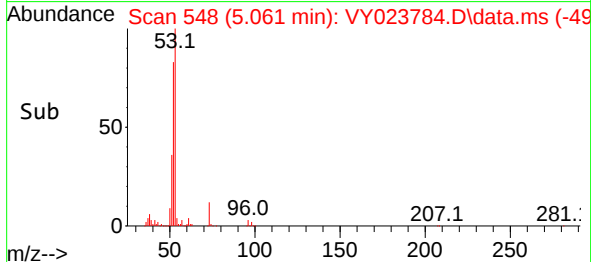
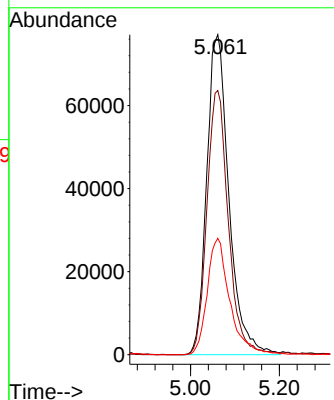
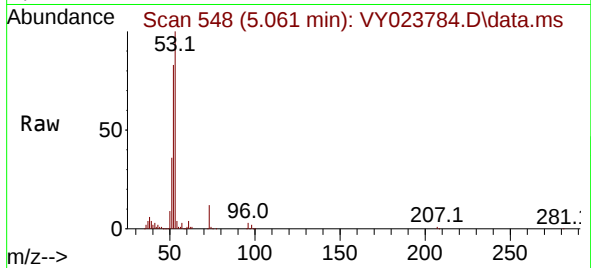




#15
Acrylonitrile
Concen: 274.950 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

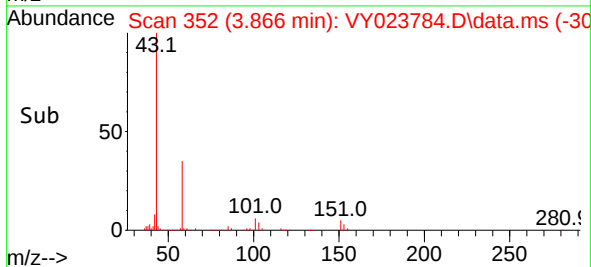
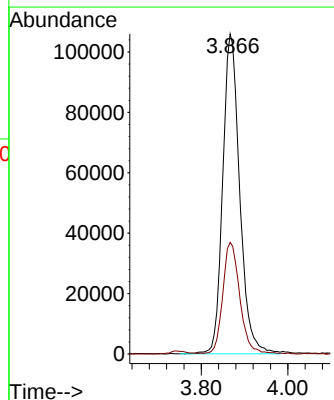
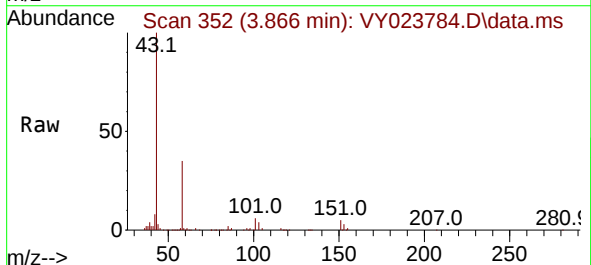
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

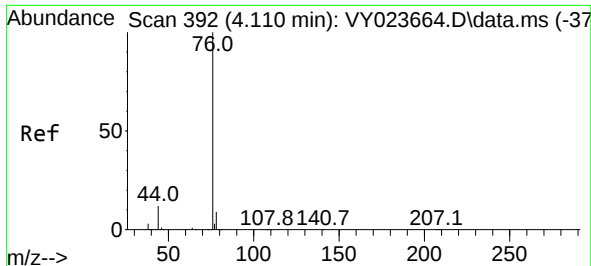
Tgt Ion: 53 Resp: 267562
Ion Ratio Lower Upper
53 100
52 80.0 64.9 97.3
51 37.0 29.4 44.0



#16
Acetone
Concen: 241.503 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 43 Resp: 288837
Ion Ratio Lower Upper
43 100
58 34.6 28.2 42.4

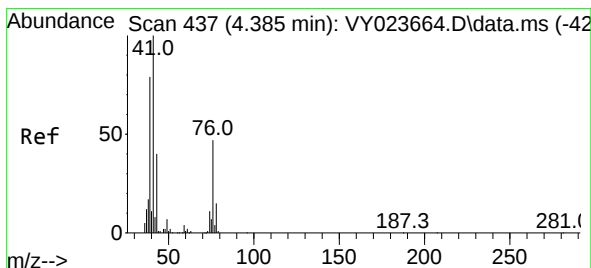
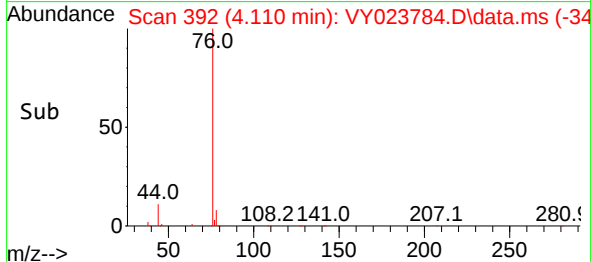
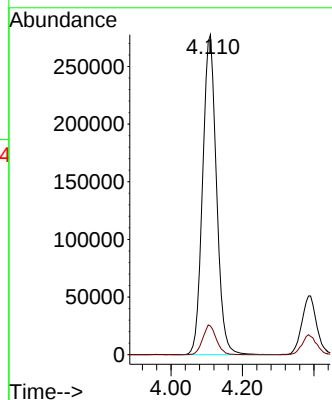
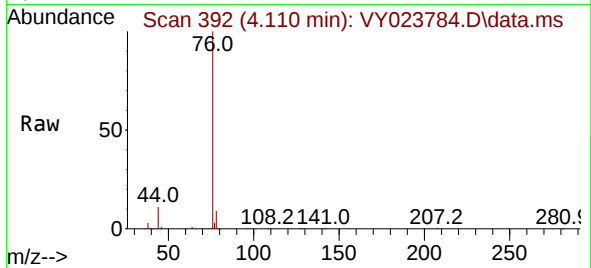




#17
Carbon Disulfide
Concen: 48.168 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

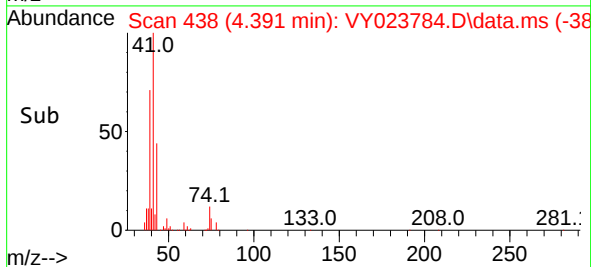
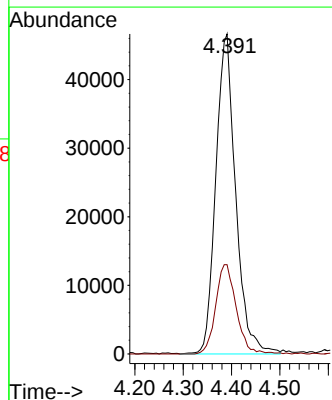
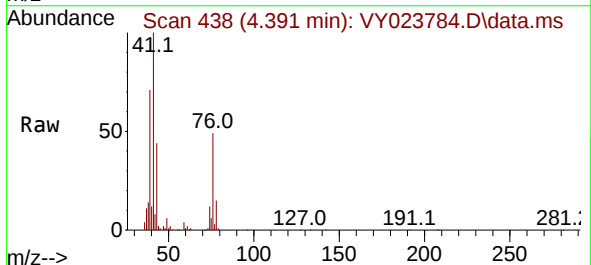
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

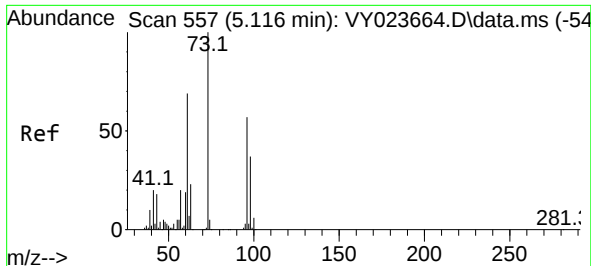
Tgt Ion: 76 Resp: 745068
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 50.415 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 43 Resp: 132997
Ion Ratio Lower Upper
43 100
74 29.0 22.5 33.7

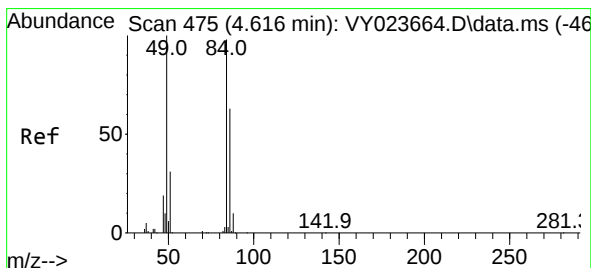
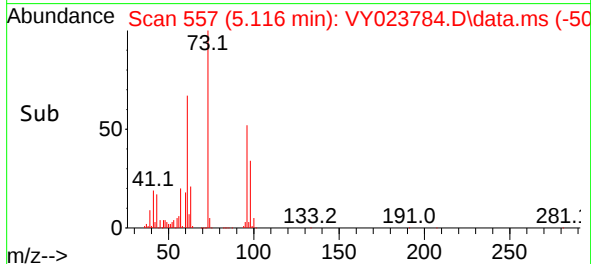
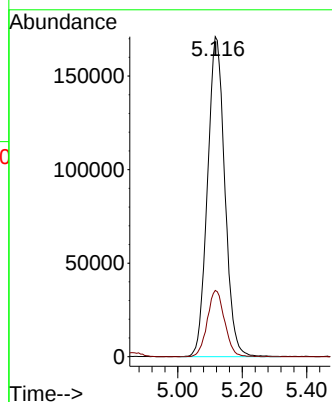
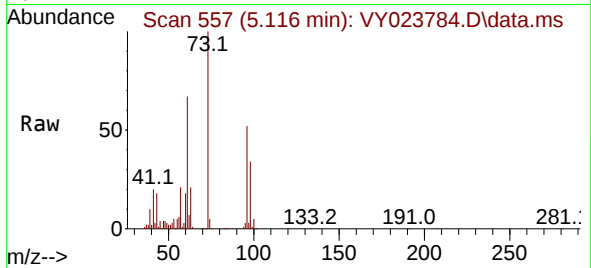




#19
Methyl tert-butyl Ether
Concen: 54.510 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

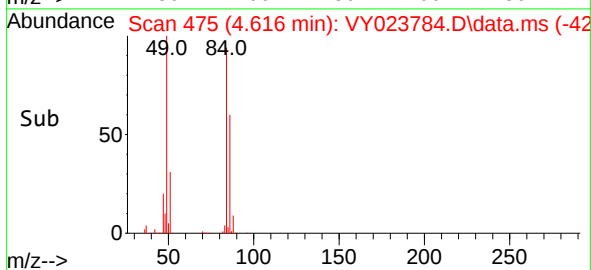
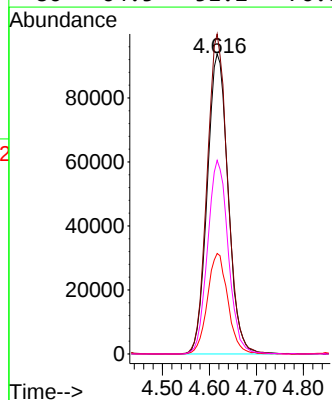
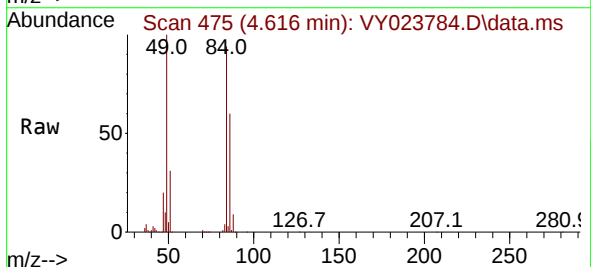
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

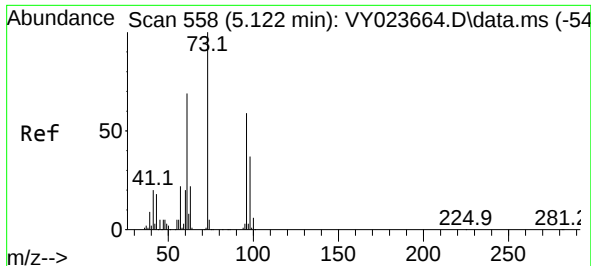
Tgt Ion: 73 Resp: 637006
Ion Ratio Lower Upper
73 100
57 20.7 16.1 24.1



#20
Methylene Chloride
Concen: 50.140 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 84 Resp: 289491
Ion Ratio Lower Upper
84 100
49 106.6 81.5 122.3
51 33.5 25.5 38.3
86 64.5 51.2 76.8

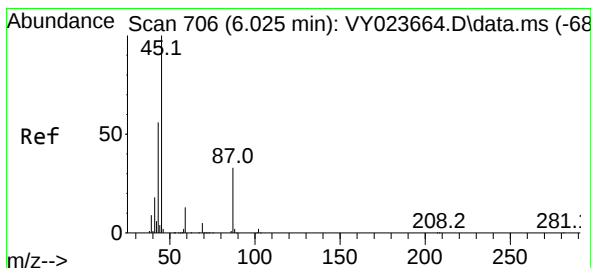
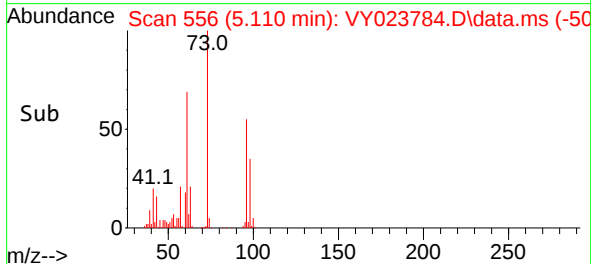
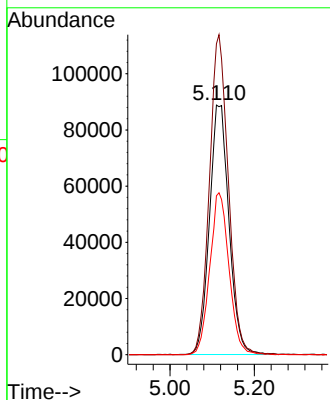
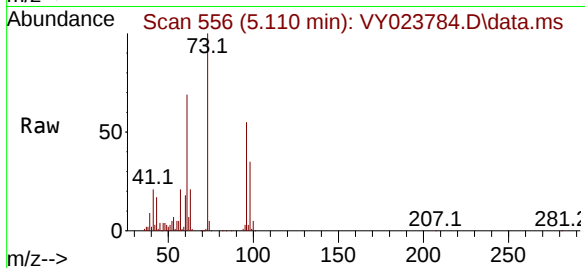




#21
trans-1,2-Dichloroethene
Concen: 50.277 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

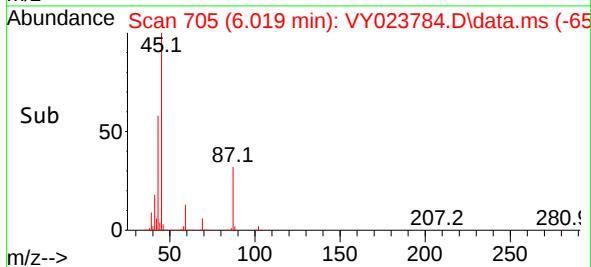
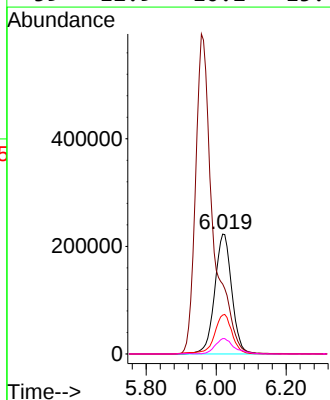
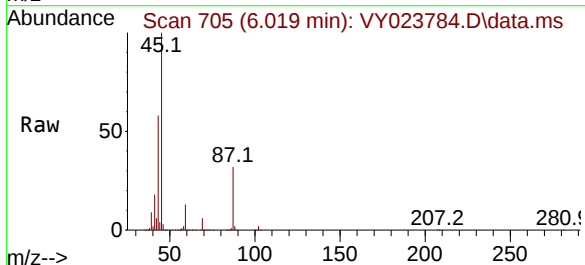
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

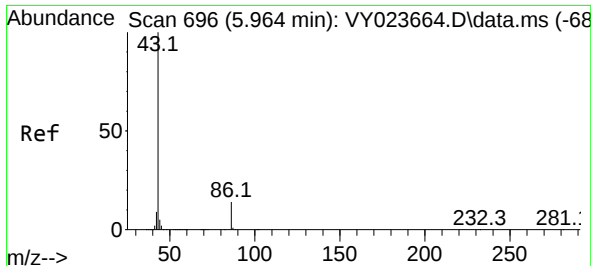
Tgt Ion: 96 Resp: 285693
Ion Ratio Lower Upper
96 100
61 124.6 93.3 139.9
98 63.7 50.6 75.8



#22
Diisopropyl ether
Concen: 55.145 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 45 Resp: 753748
Ion Ratio Lower Upper
45 100
43 58.2 44.7 67.1
87 32.5 27.2 40.8
59 12.9 10.2 15.4

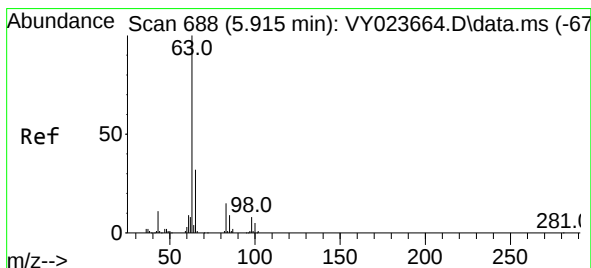
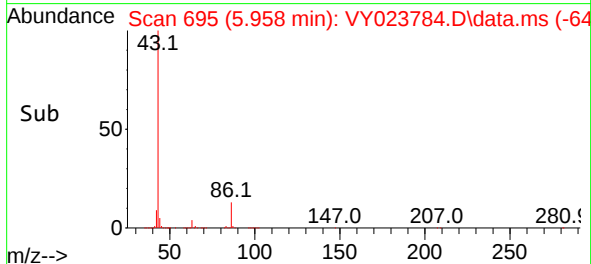
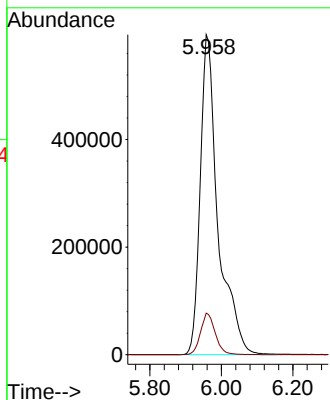
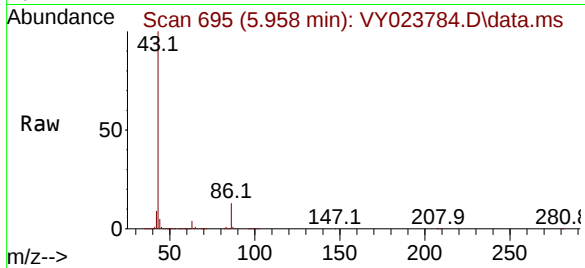




#23
 Vinyl Acetate
 Concen: 281.753 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY023784.D
 Acq: 13 Nov 2025 14:20

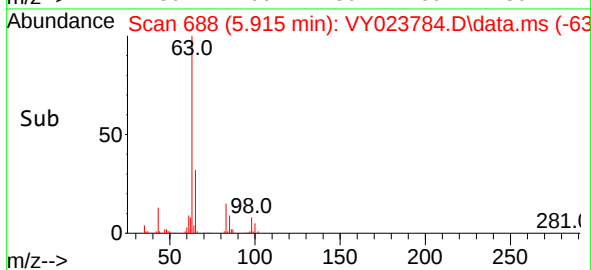
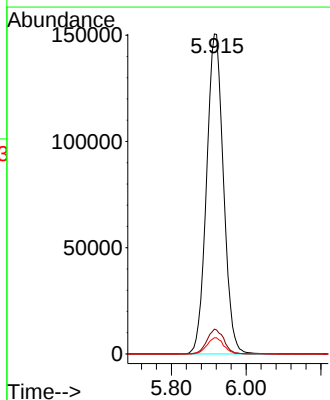
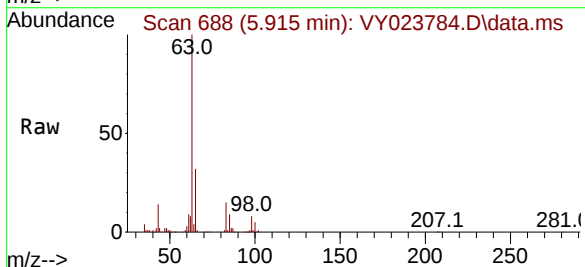
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

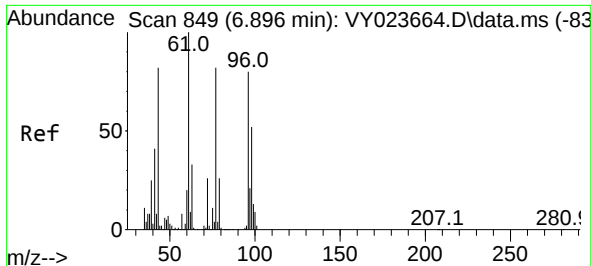
Tgt Ion: 43 Resp: 2055147
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 51.949 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023784.D
 Acq: 13 Nov 2025 14:20

Tgt Ion: 63 Resp: 473038
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 11.9
 100 5.1 2.6 7.8

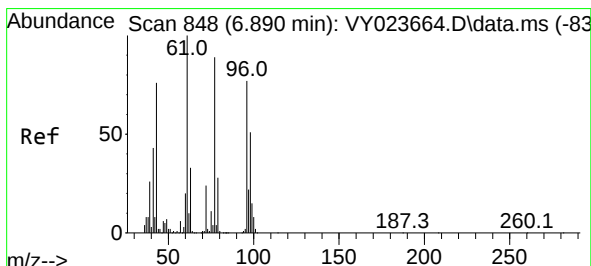
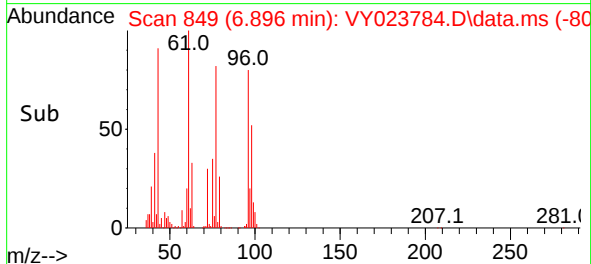
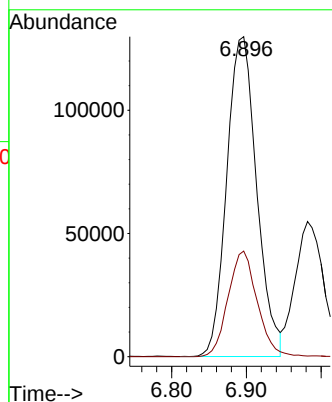
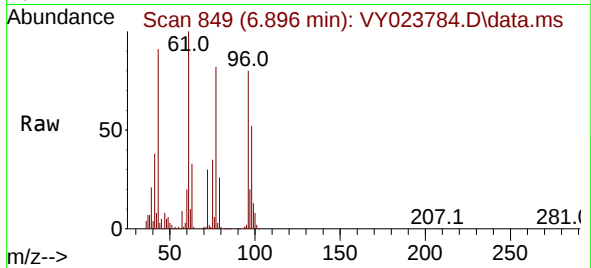




#25
2-Butanone
Concen: 261.336 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

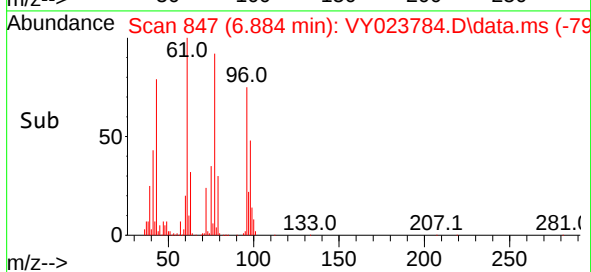
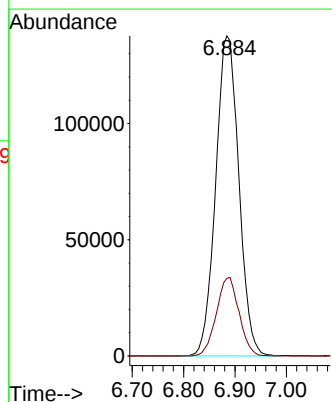
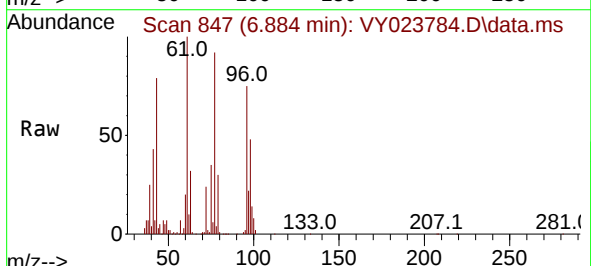
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

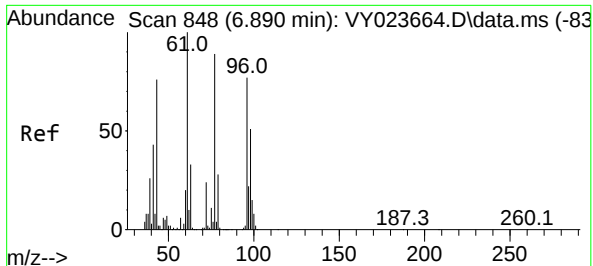
Tgt Ion: 43 Resp: 361374
Ion Ratio Lower Upper
43 100
72 33.0 25.7 38.5



#26
2,2-Dichloropropane
Concen: 51.465 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 77 Resp: 431073
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 51.793 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

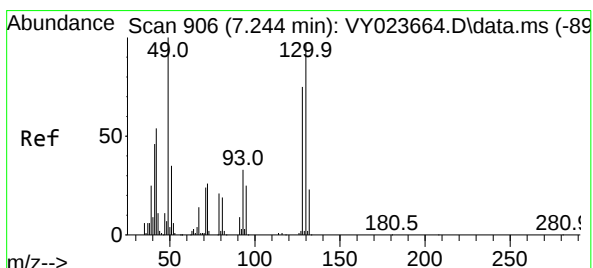
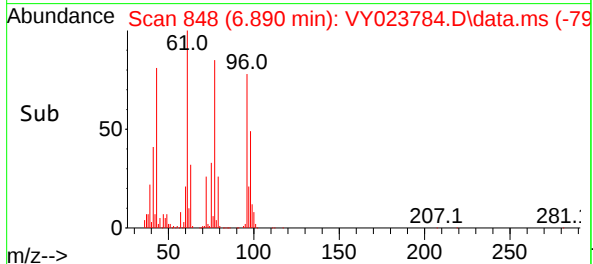
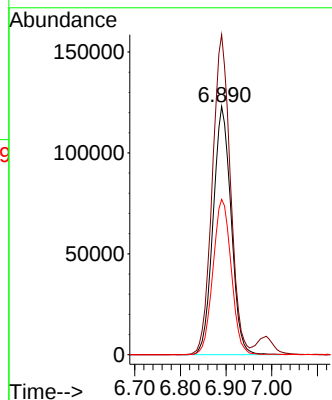
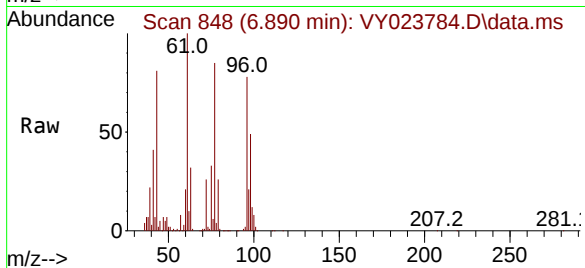
Tgt Ion: 96 Resp: 336126

Ion Ratio Lower Upper

96 100

61 129.4 0.0 255.0

98 63.5 0.0 129.8



#28

Bromochloromethane

Concen: 52.031 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

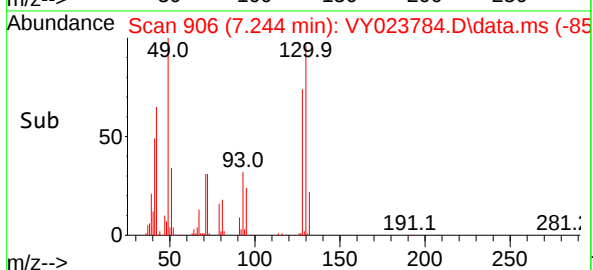
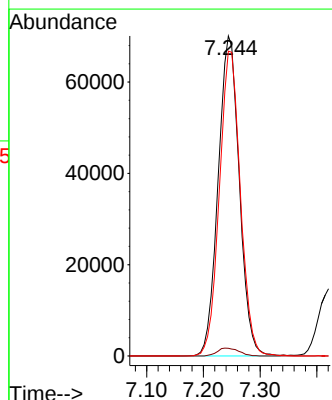
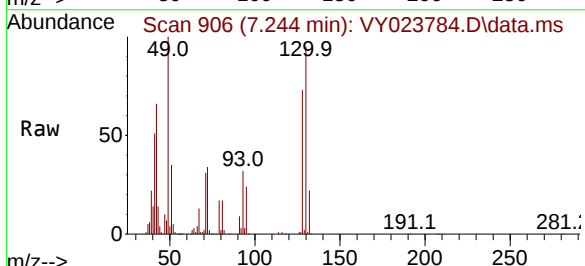
Tgt Ion: 49 Resp: 181412

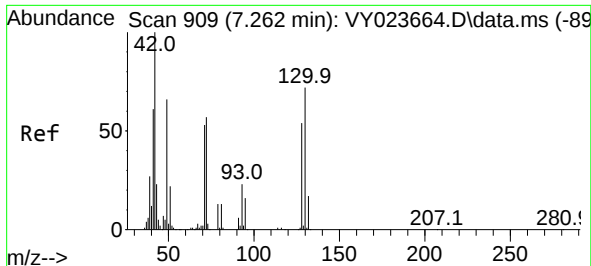
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 94.4 80.1 120.1





#29

Tetrahydrofuran

Concen: 284.904 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

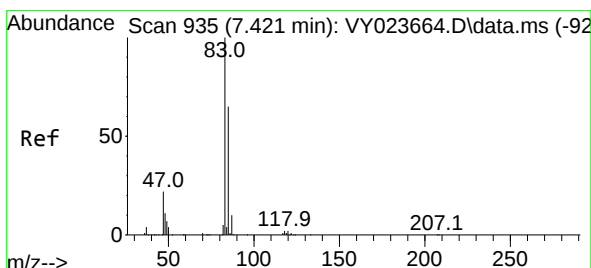
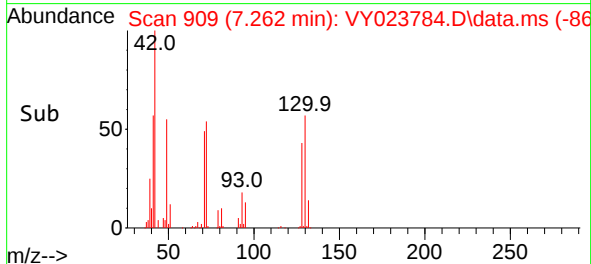
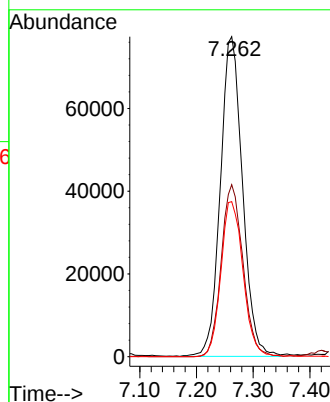
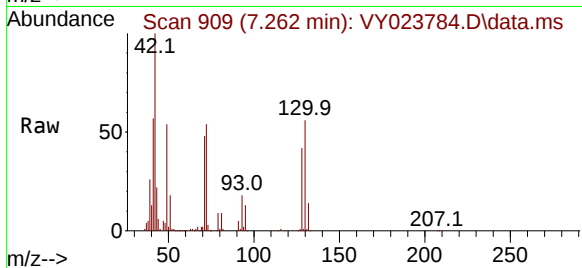
Tgt Ion: 42 Resp: 209812

Ion Ratio Lower Upper

42 100

72 52.9 43.4 65.2

71 48.6 40.7 61.1



#30

Chloroform

Concen: 50.984 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023784.D

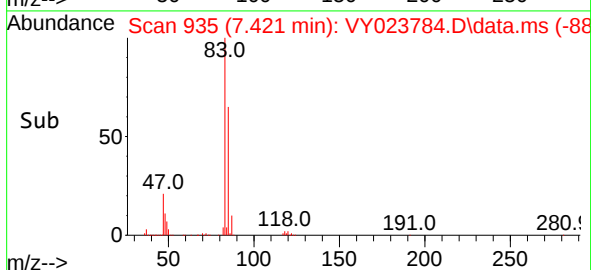
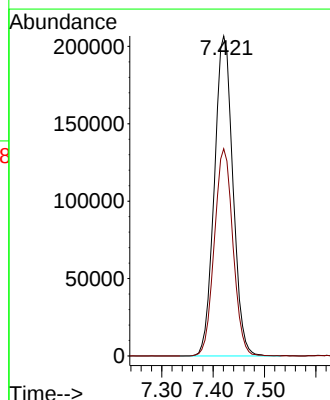
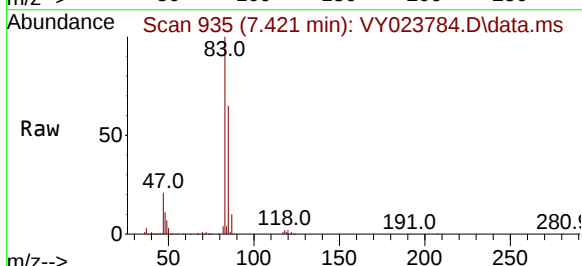
Acq: 13 Nov 2025 14:20

Tgt Ion: 83 Resp: 517986

Ion Ratio Lower Upper

83 100

85 64.8 52.1 78.1

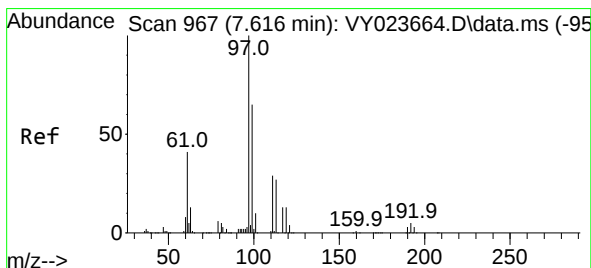
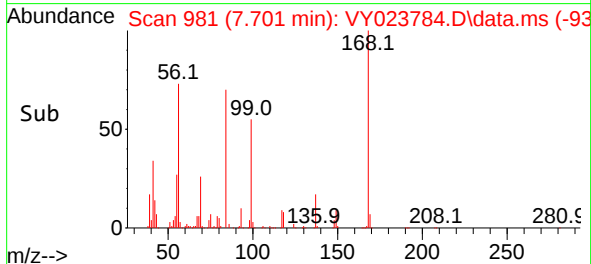
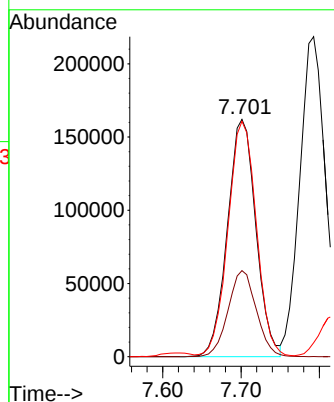
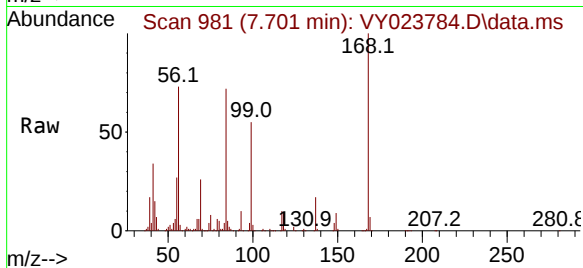




#31
Cyclohexane
Concen: 51.739 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

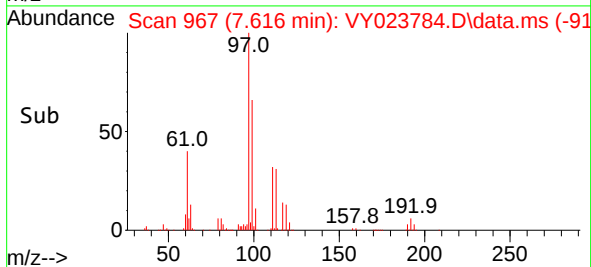
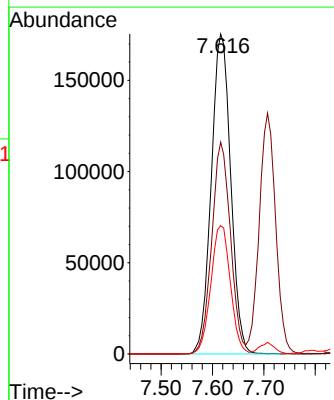
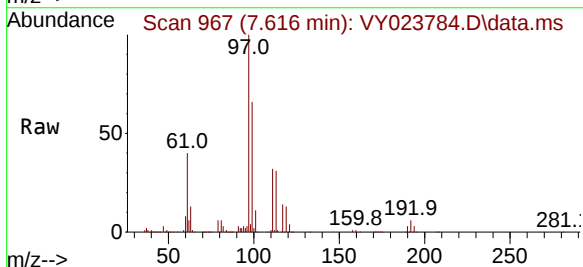
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

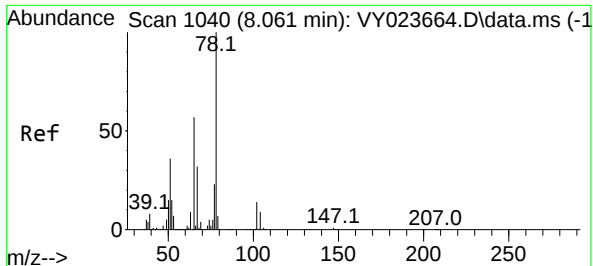
Tgt Ion: 56 Resp: 410288
Ion Ratio Lower Upper
56 100
69 36.2 30.5 45.7
84 97.6 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 50.678 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 97 Resp: 460178
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 40.4 32.5 48.7

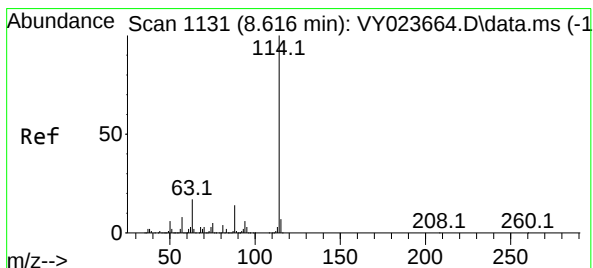
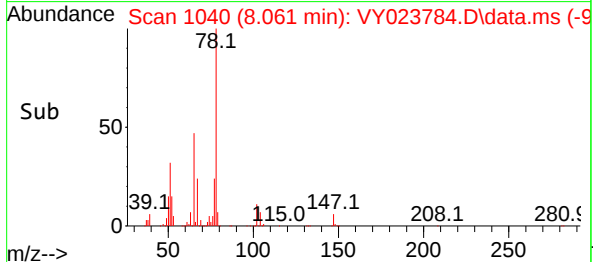
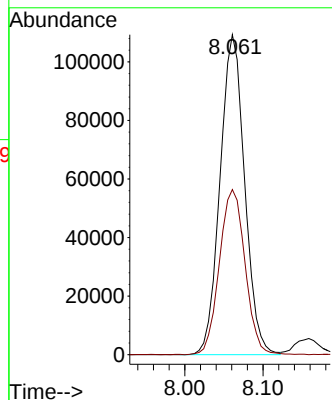
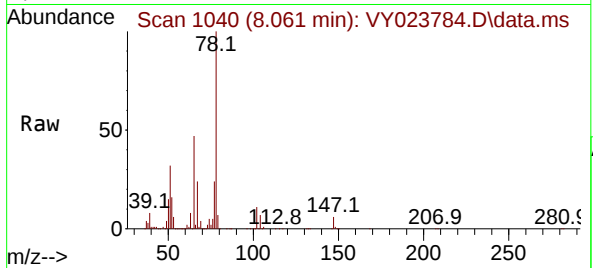




#33
 1,2-Dichloroethane-d4
 Concen: 49.572 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY023784.D
 Acq: 13 Nov 2025 14:20

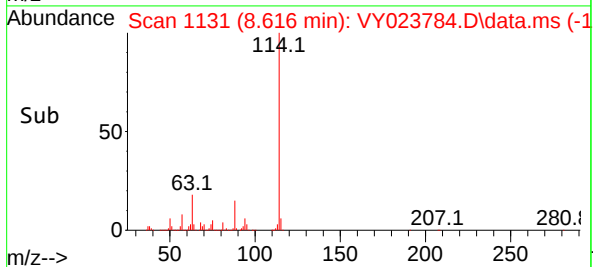
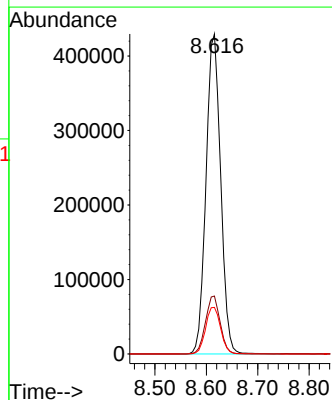
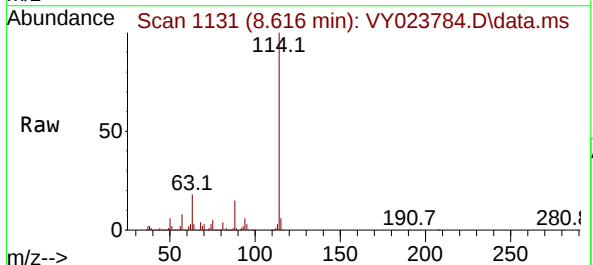
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

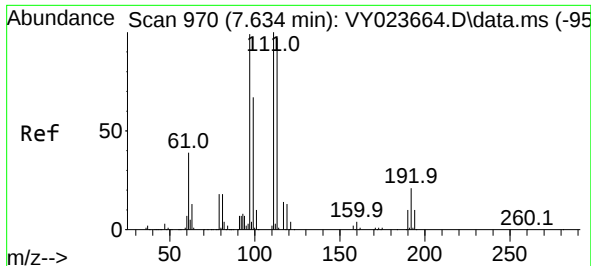
Tgt Ion: 65 Resp: 238518
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY023784.D
 Acq: 13 Nov 2025 14:20

Tgt Ion: 114 Resp: 848040
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 33.8
 88 14.5 0.0 29.0

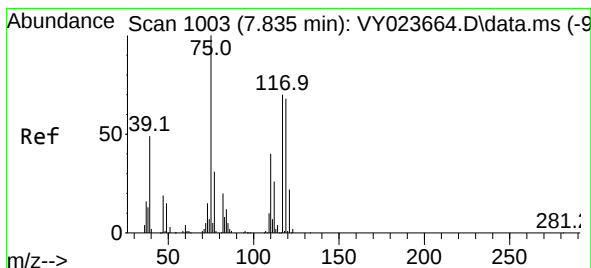
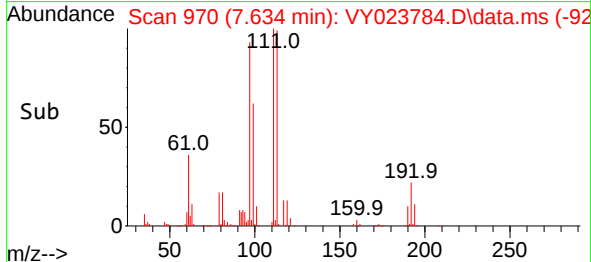
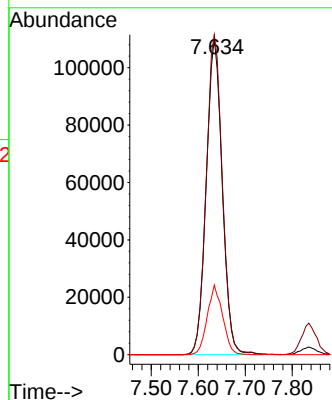
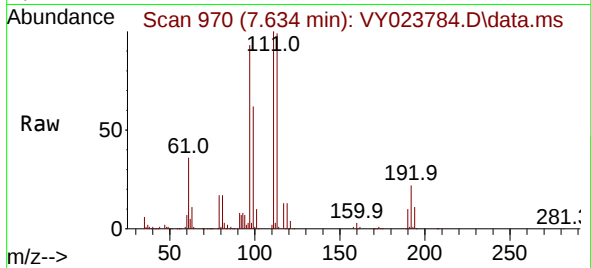




#35
Dibromofluoromethane
Concen: 48.960 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

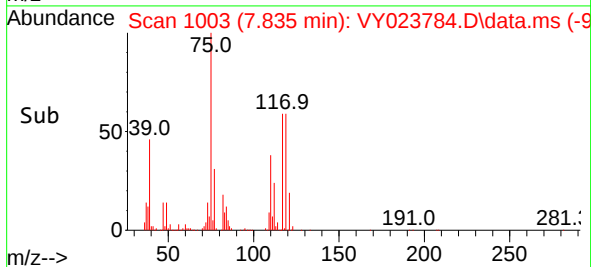
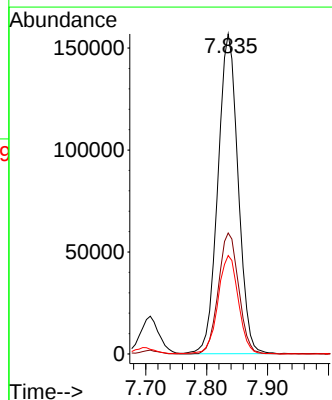
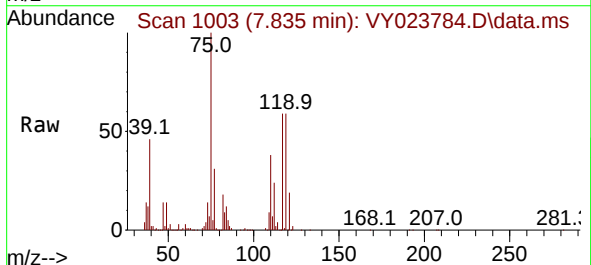
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 259472
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 21.1 17.3 25.9



#36
1,1-Dichloropropene
Concen: 50.997 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 75 Resp: 361149
Ion Ratio Lower Upper
75 100
110 38.0 19.7 59.0
77 31.1 25.2 37.8





#37

Ethyl Acetate

Concen: 55.123 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

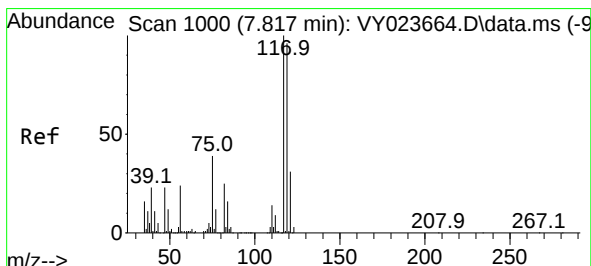
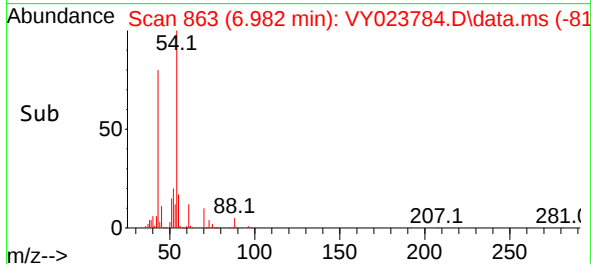
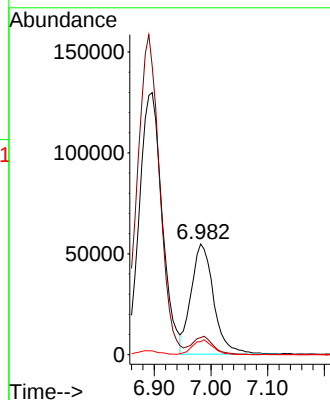
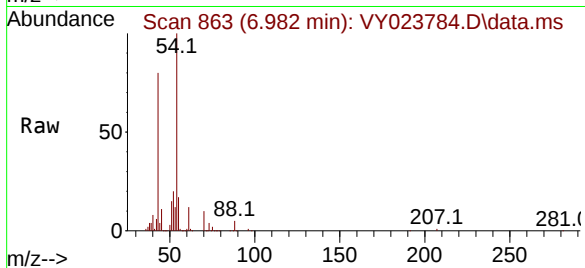
Tgt Ion: 43 Resp: 151120

Ion Ratio Lower Upper

43 100

61 15.7 12.4 18.6

70 11.8 9.8 14.8



#38

Carbon Tetrachloride

Concen: 50.044 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

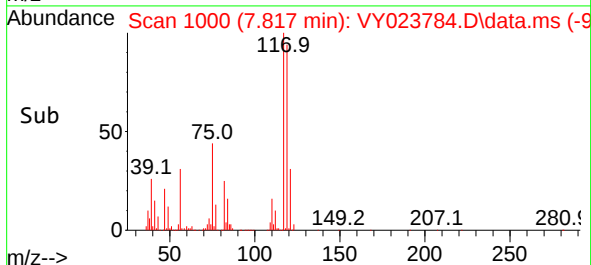
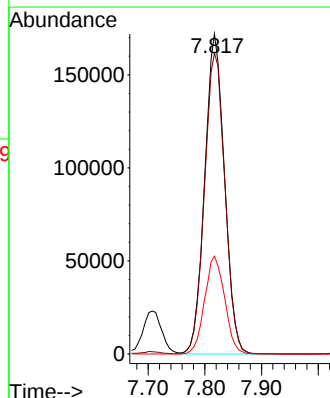
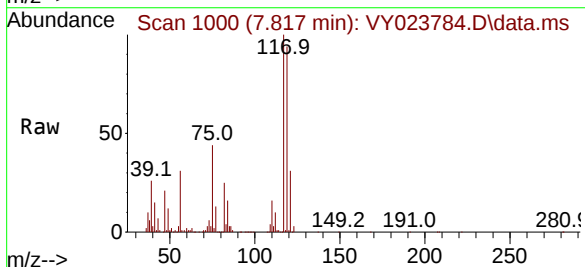
Tgt Ion: 117 Resp: 417559

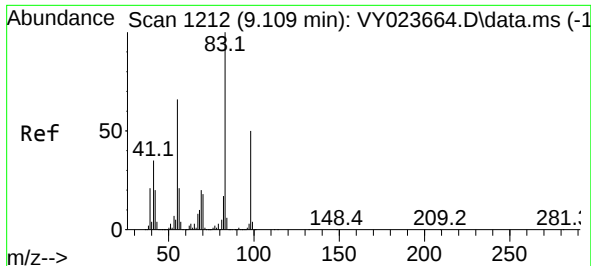
Ion Ratio Lower Upper

117 100

119 94.0 76.3 114.5

121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 52.691 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

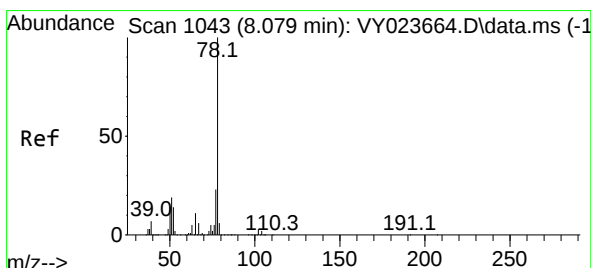
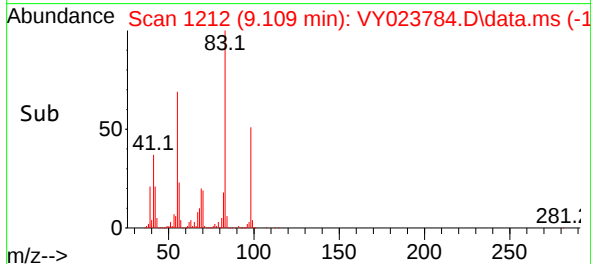
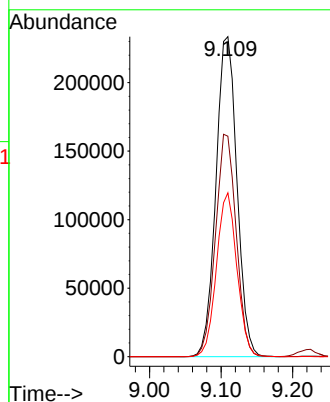
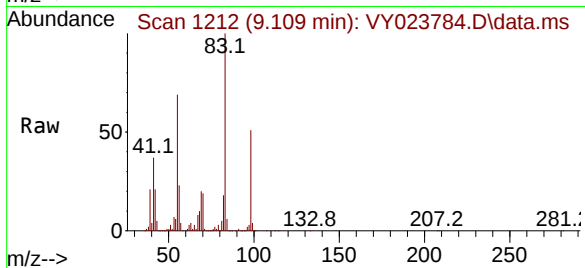
Tgt Ion: 83 Resp: 476783

Ion Ratio Lower Upper

83 100

55 68.9 52.6 78.8

98 51.2 39.7 59.5



#40

Benzene

Concen: 50.786 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023784.D

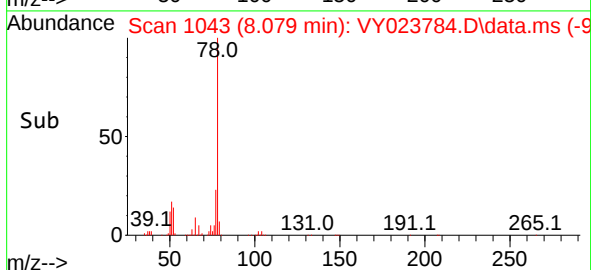
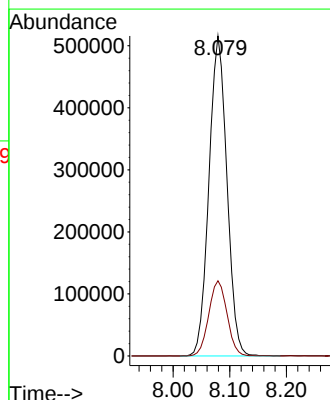
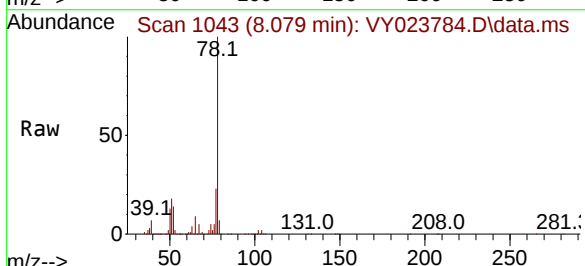
Acq: 13 Nov 2025 14:20

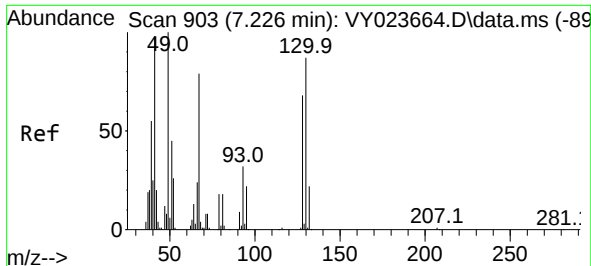
Tgt Ion: 78 Resp: 1133664

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

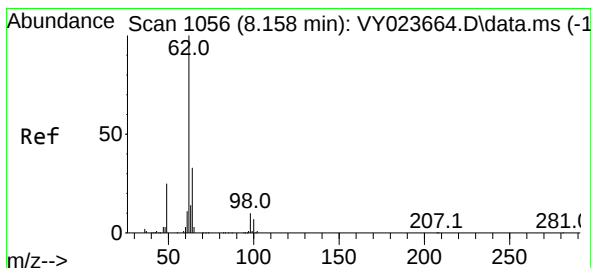
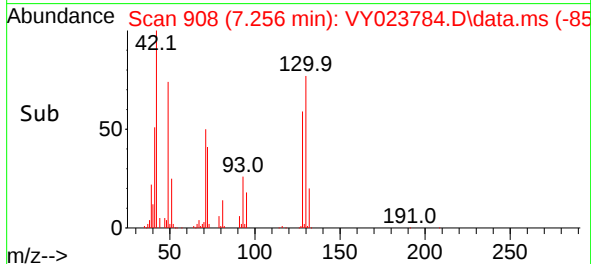
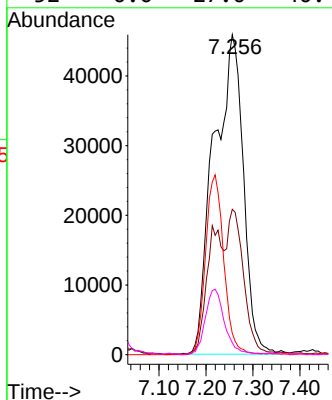
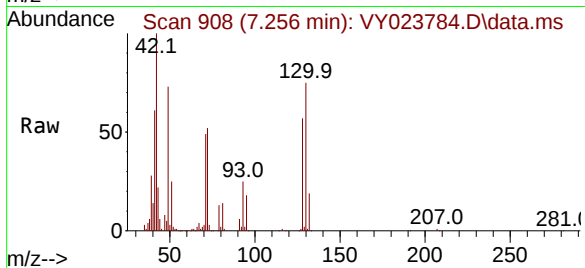




#41
Methacrylonitrile
Concen: 133.313 ug/l
RT: 7.256 min Scan# 903
Delta R.T. 0.031 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

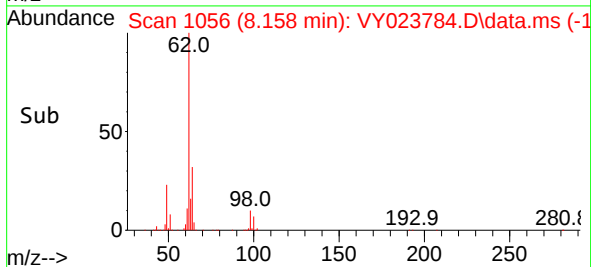
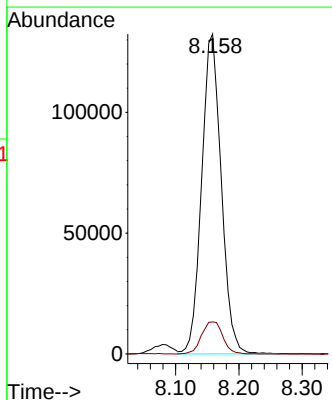
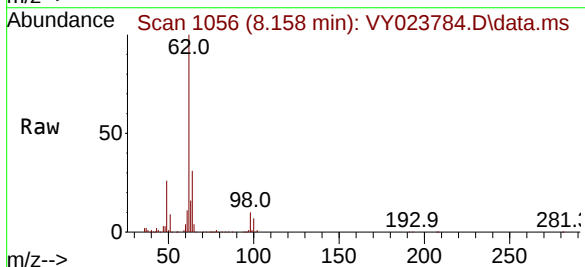
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

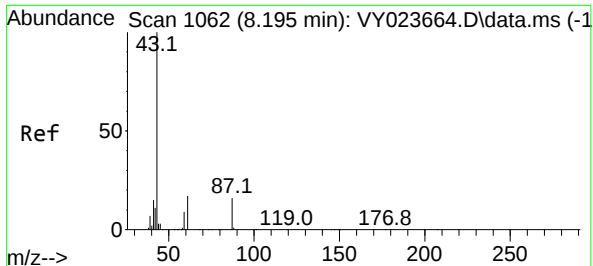
Tgt Ion: 41 Resp: 199494
Ion Ratio Lower Upper
41 100
39 26.0 38.6 57.8#
67 0.0 71.3 106.9#
52 0.0 27.0 40.4#



#42
1,2-Dichloroethane
Concen: 50.473 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 62 Resp: 285043
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.0

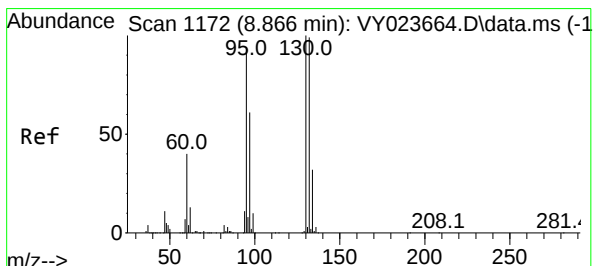
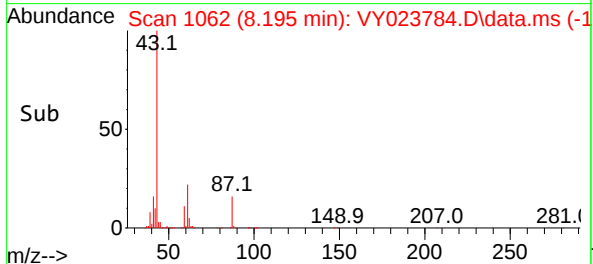
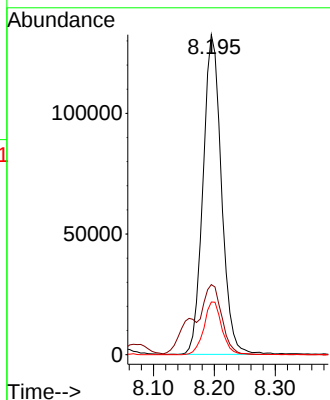
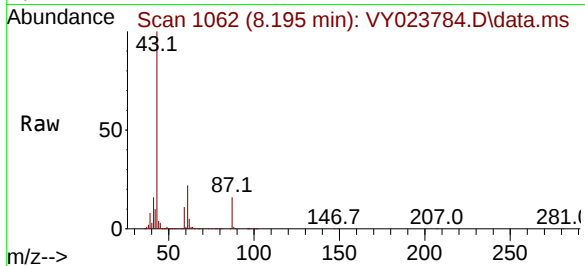




#43
Isopropyl Acetate
Concen: 54.130 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

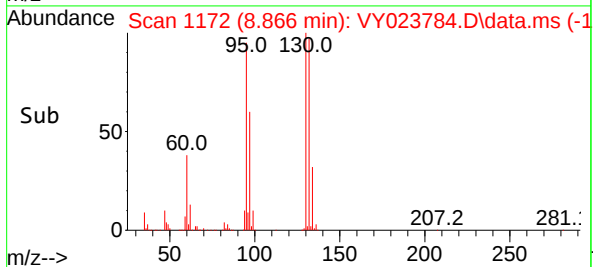
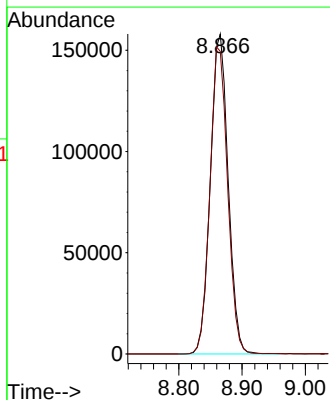
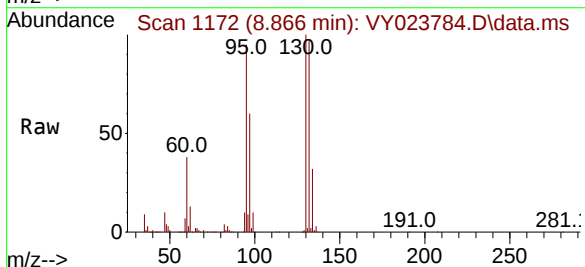
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

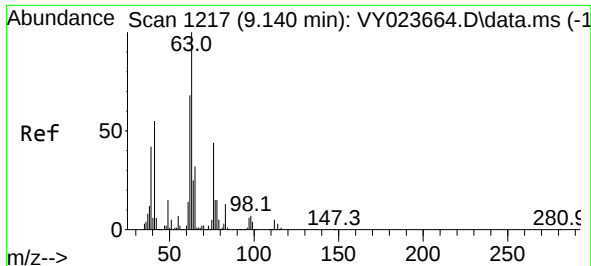
Tgt Ion: 43 Resp: 278823
Ion Ratio Lower Upper
43 100
61 22.6 18.2 27.2
87 16.2 13.3 19.9



#44
Trichloroethene
Concen: 48.103 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion:130 Resp: 308410
Ion Ratio Lower Upper
130 100
95 94.5 0.0 187.0





#45

1,2-Dichloropropane

Concen: 51.879 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

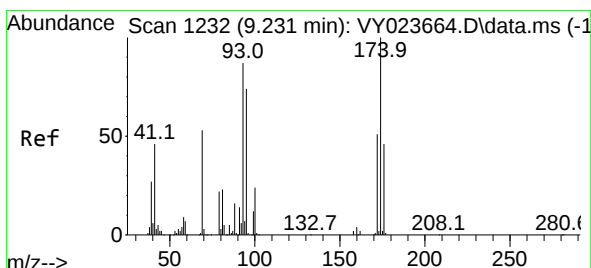
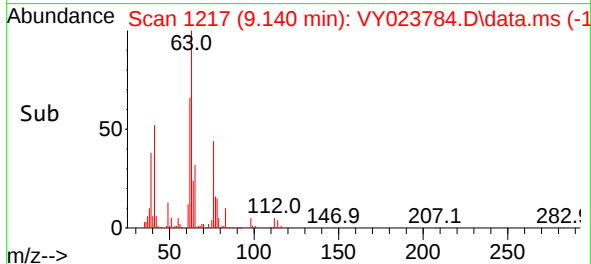
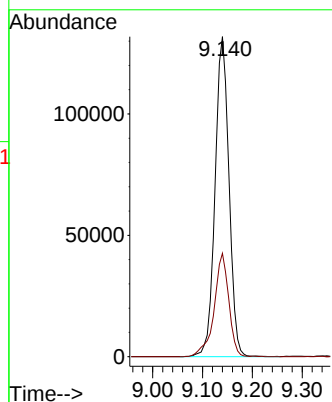
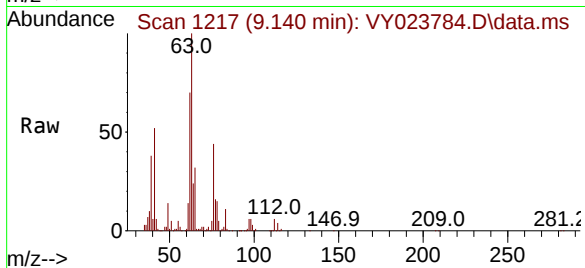
VSTDCCC050EC

Tgt Ion: 63 Resp: 255582

Ion Ratio Lower Upper

63 100

65 32.3 25.6 38.4



#46

Dibromomethane

Concen: 50.660 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

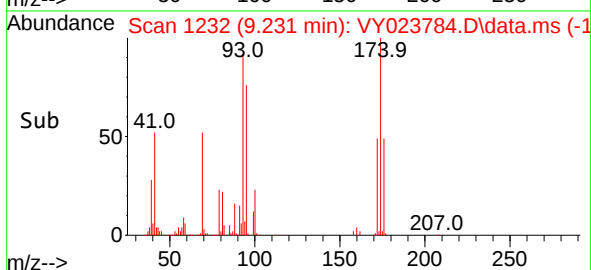
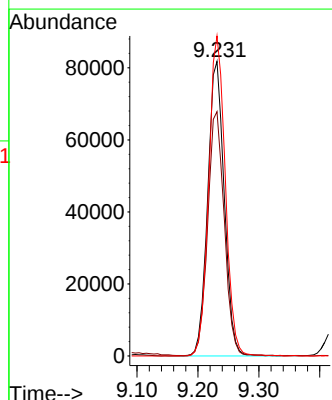
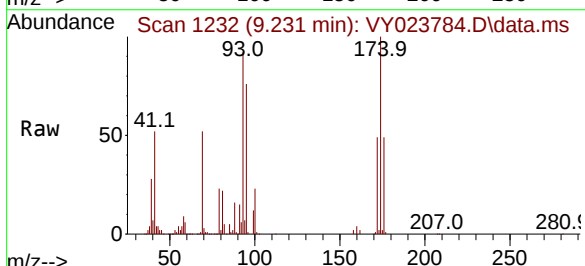
Tgt Ion: 93 Resp: 154640

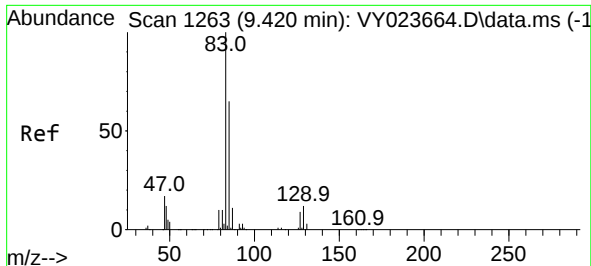
Ion Ratio Lower Upper

93 100

95 83.2 67.4 101.2

174 108.7 89.4 134.0

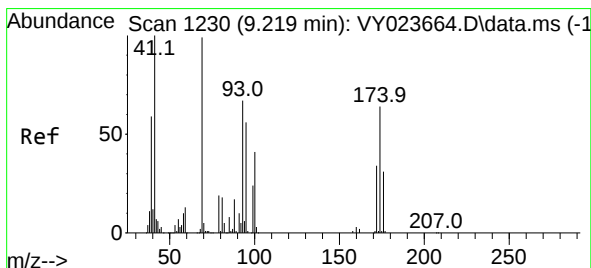
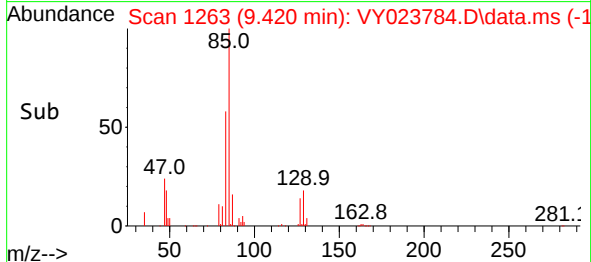
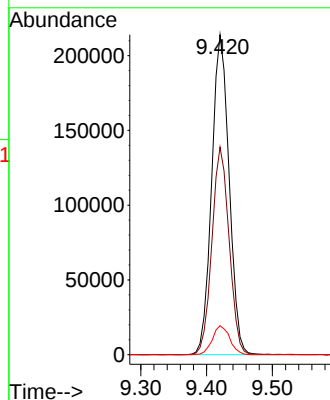
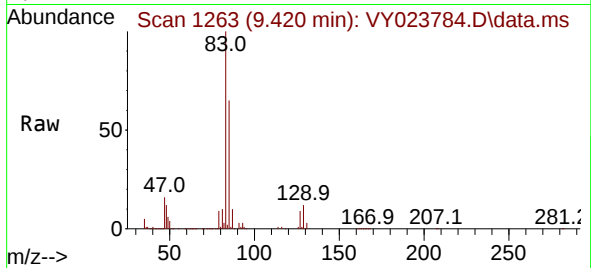




#47
Bromodichloromethane
Concen: 51.211 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

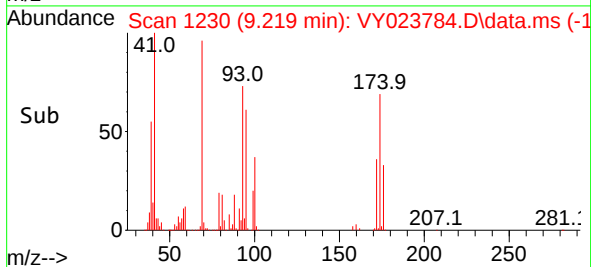
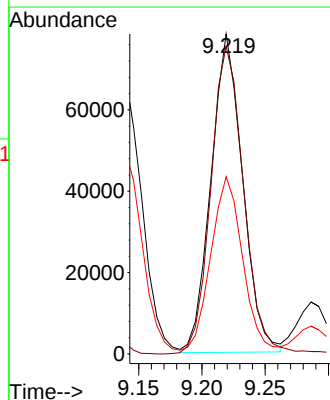
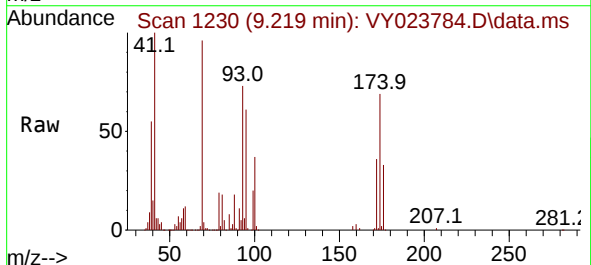
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

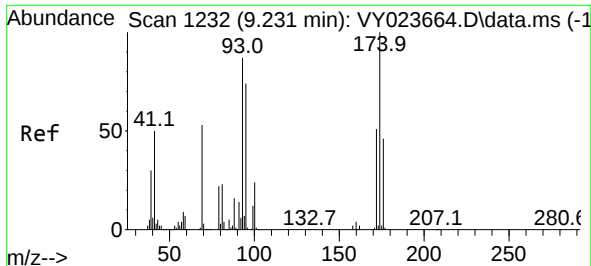
Tgt Ion: 83 Resp: 394125
Ion Ratio Lower Upper
83 100
85 64.8 52.1 78.1
127 9.0 7.5 11.3



#48
Methyl methacrylate
Concen: 55.779 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 41 Resp: 135747
Ion Ratio Lower Upper
41 100
69 101.0 80.2 120.2
39 54.5 47.4 71.0





#49

1,4-Dioxane

Concen: 1121.706 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

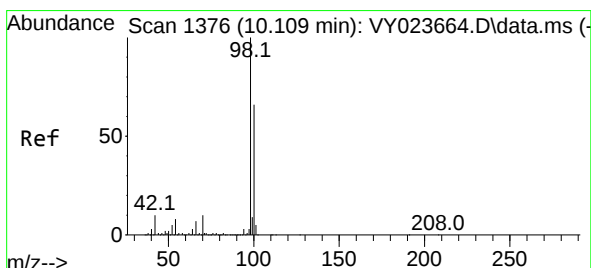
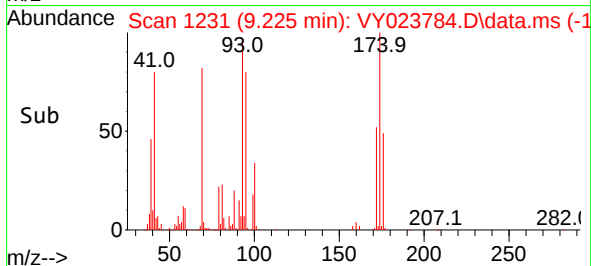
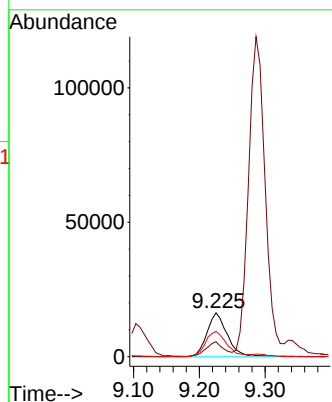
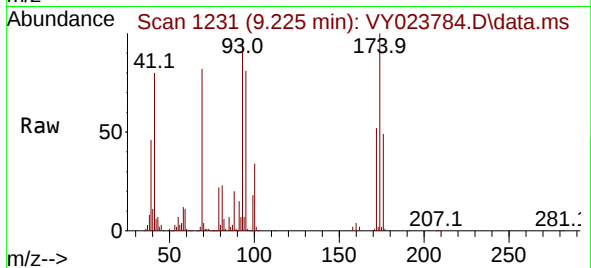
Tgt Ion: 88 Resp: 35041

Ion Ratio Lower Upper

88 100

43 28.9 22.0 33.0

58 60.2 47.8 71.8



#50

Toluene-d8

Concen: 50.076 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY023784.D

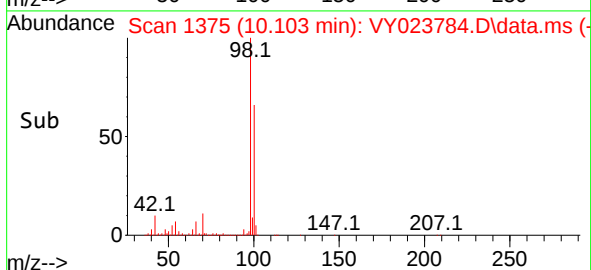
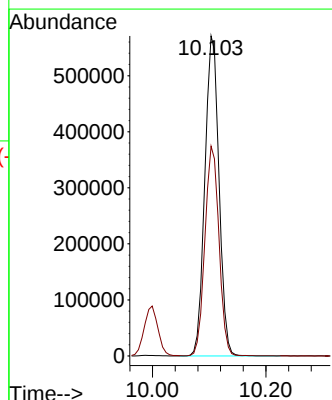
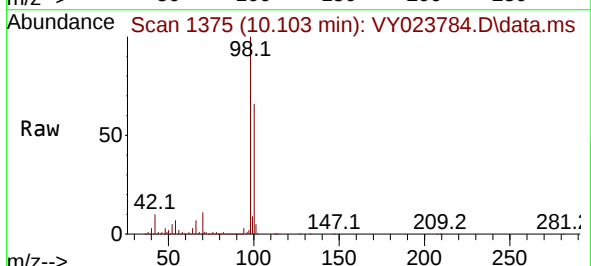
Acq: 13 Nov 2025 14:20

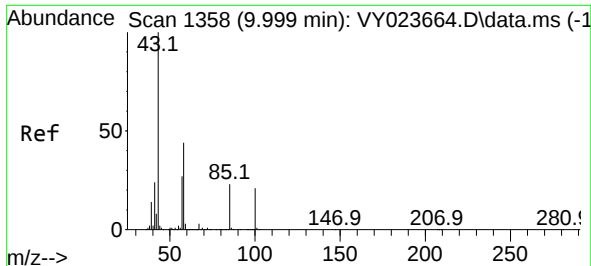
Tgt Ion: 98 Resp: 988590

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1

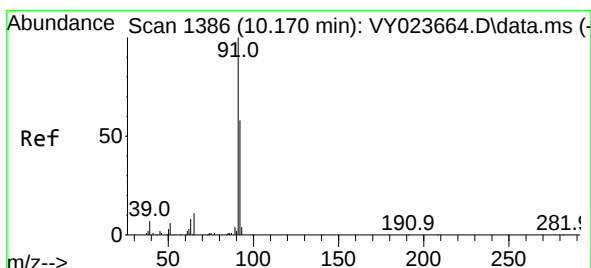
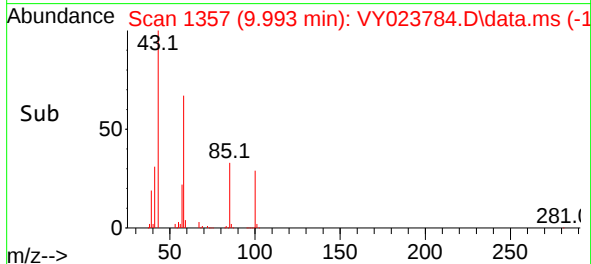
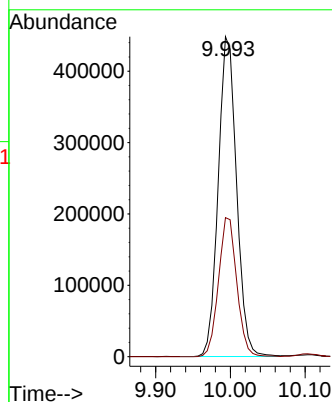
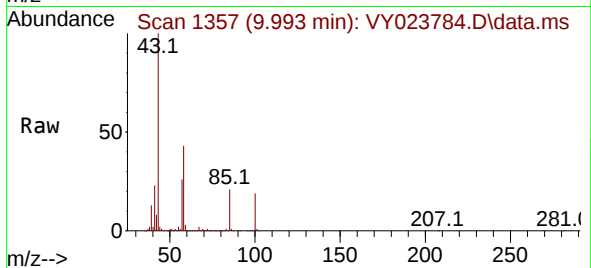




#51
4-Methyl-2-Pentanone
Concen: 279.543 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

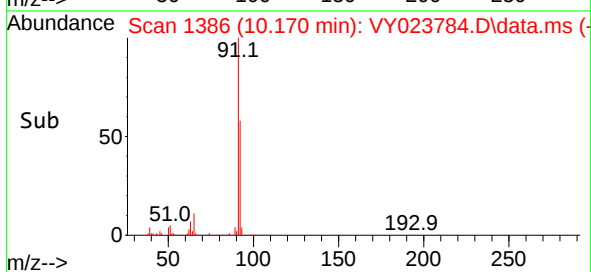
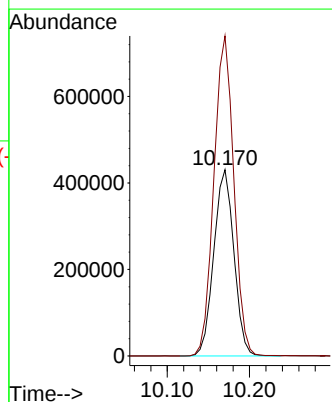
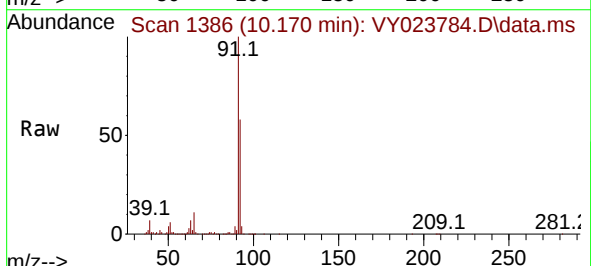
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

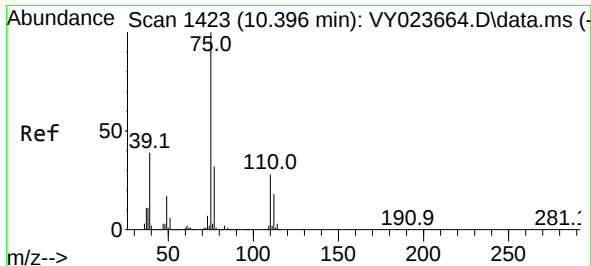
Tgt Ion: 43 Resp: 765765
Ion Ratio Lower Upper
43 100
58 43.4 34.8 52.2



#52
Toluene
Concen: 51.179 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 92 Resp: 729366
Ion Ratio Lower Upper
92 100
91 170.5 137.8 206.8

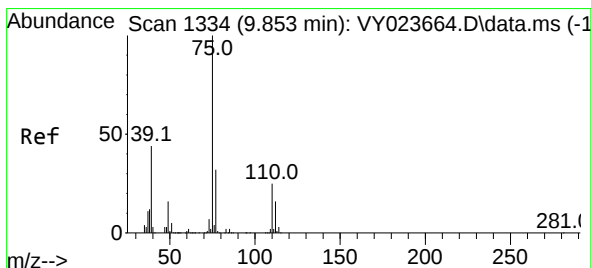
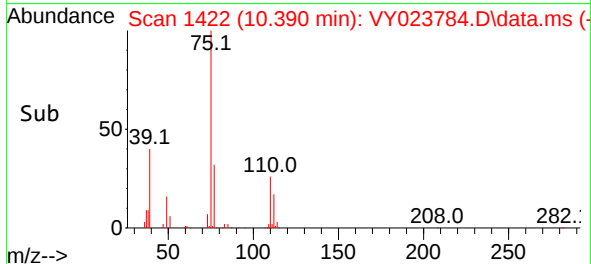
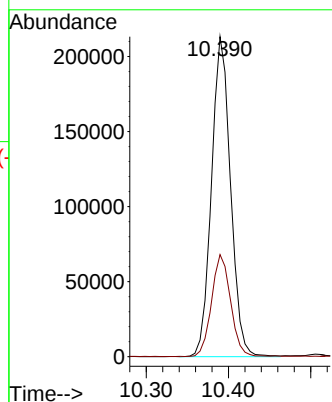
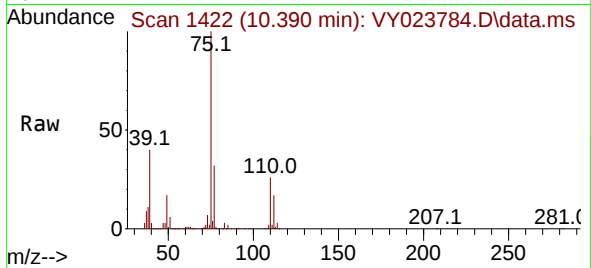




#53
t-1,3-Dichloropropene
Concen: 52.723 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

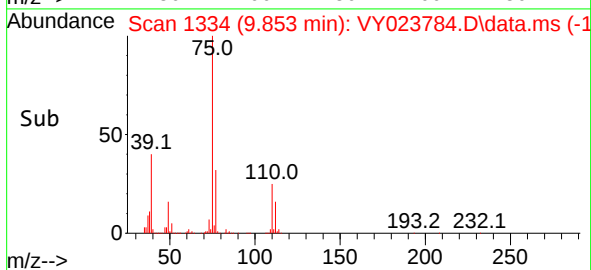
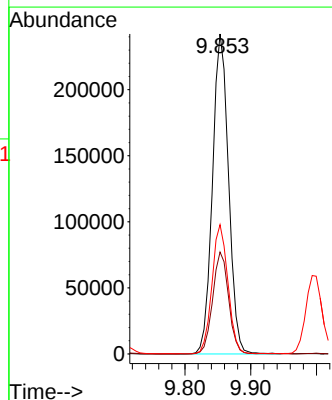
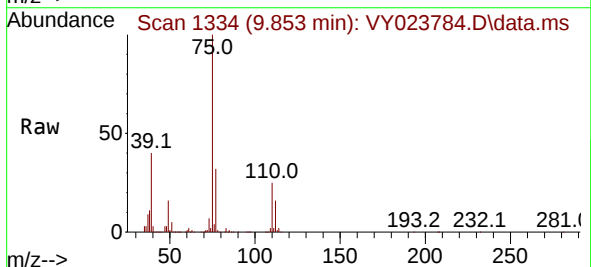
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

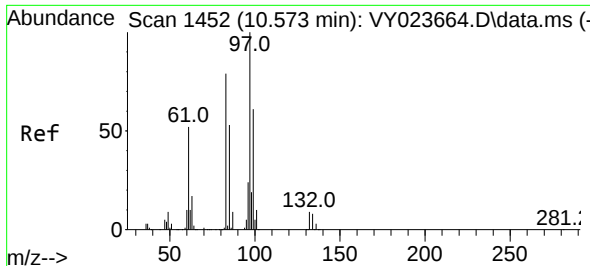
Tgt Ion: 75 Resp: 343332
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 52.888 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 75 Resp: 412632
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
39 40.3 34.9 52.3



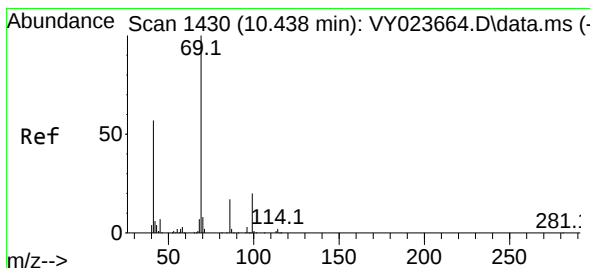
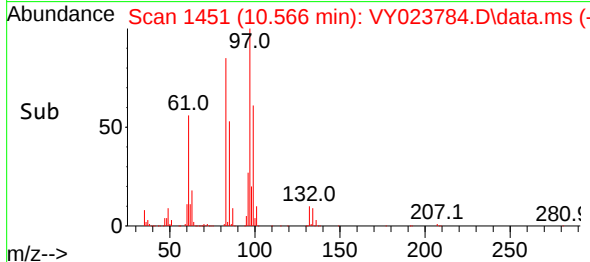
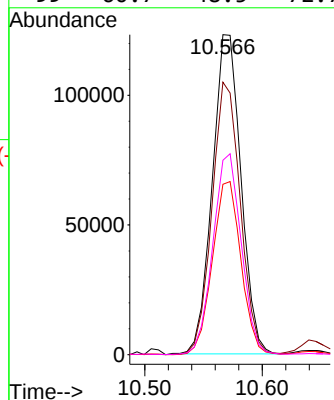
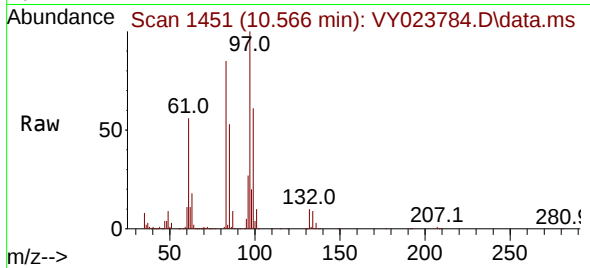


#55
1,1,2-Trichloroethane
Concen: 51.109 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 208491

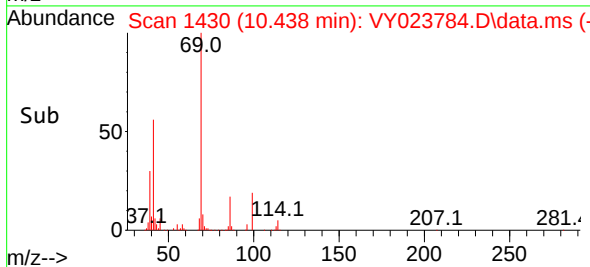
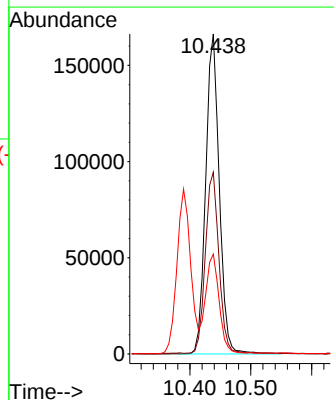
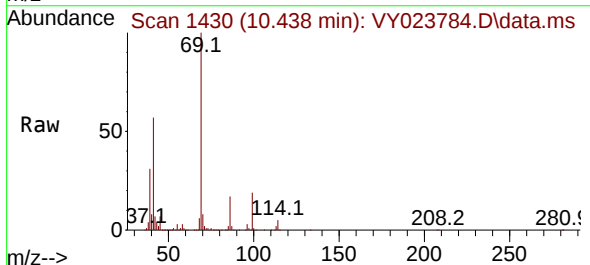
Ion	Ratio	Lower	Upper
97	100		
83	85.3	63.3	94.9
85	53.3	42.4	63.6
99	60.7	48.5	72.7

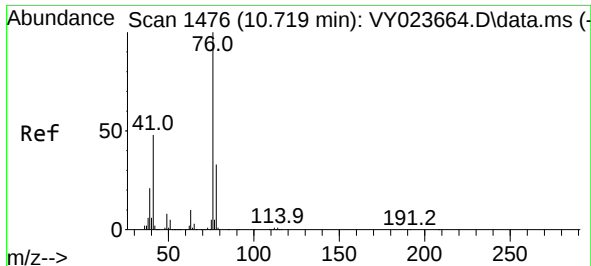


#56
Ethyl methacrylate
Concen: 57.422 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 69 Resp: 258091

Ion	Ratio	Lower	Upper
69	100		
41	56.3	45.0	67.4
39	31.1	25.1	37.7





#57

1,3-Dichloropropane

Concen: 52.287 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

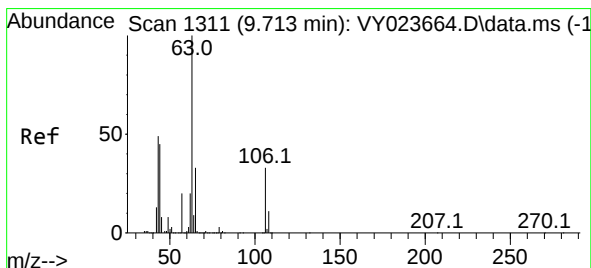
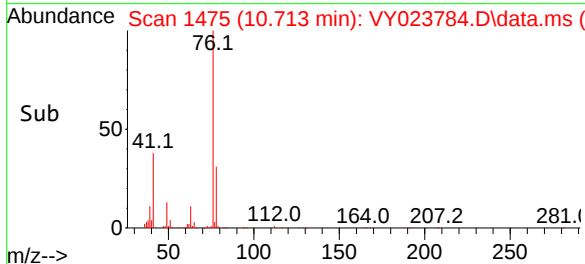
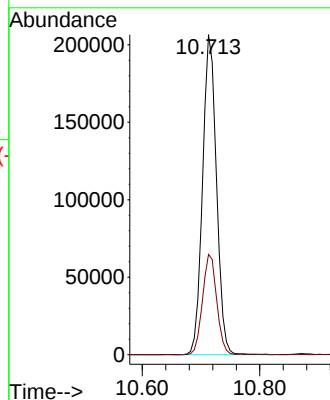
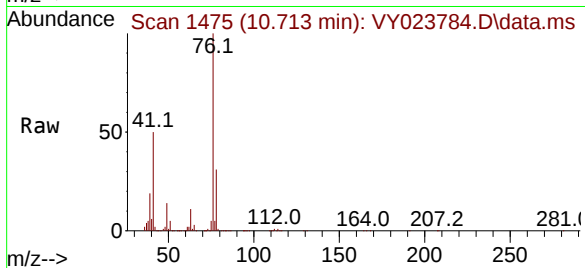
VSTDCCC050EC

Tgt Ion: 76 Resp: 338324

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 285.673 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY023784.D

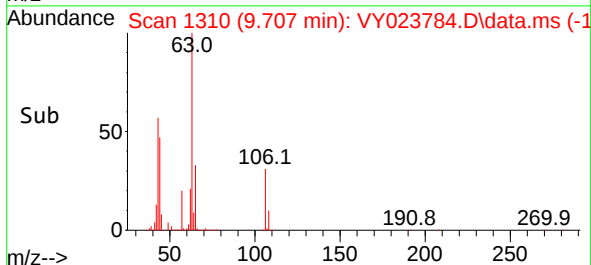
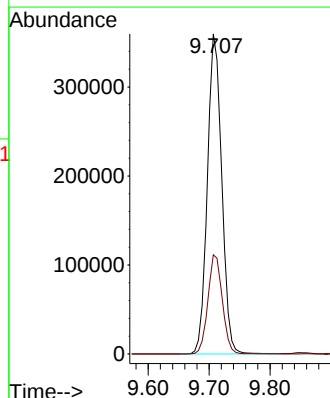
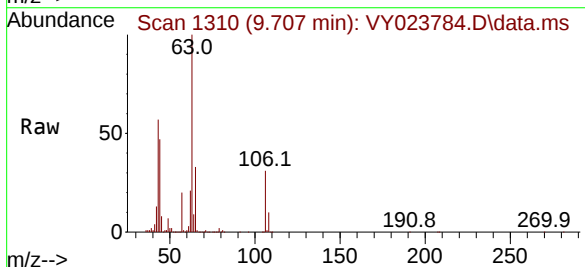
Acq: 13 Nov 2025 14:20

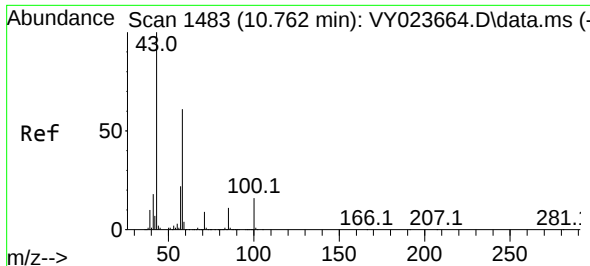
Tgt Ion: 63 Resp: 589190

Ion Ratio Lower Upper

63 100

106 31.1 26.2 39.2

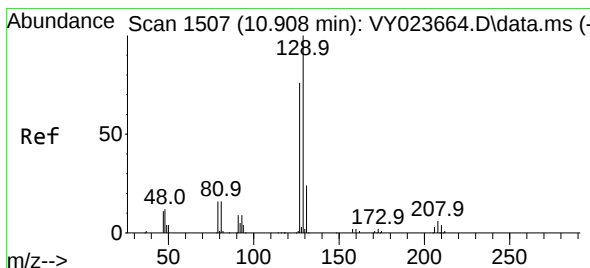
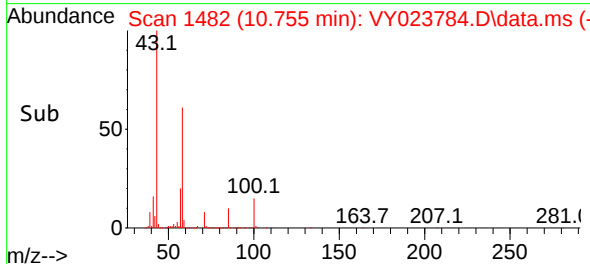
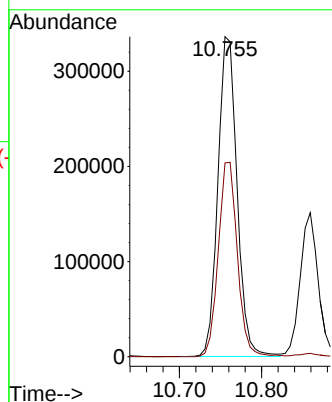
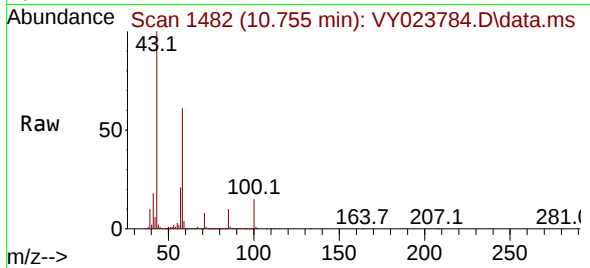




#59
2-Hexanone
Concen: 272.546 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

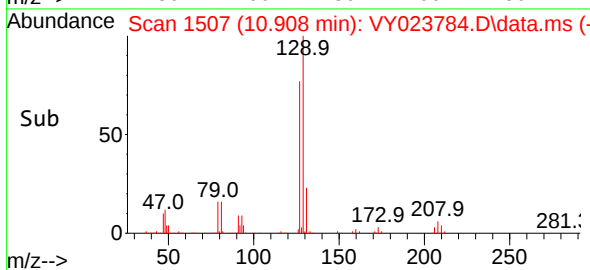
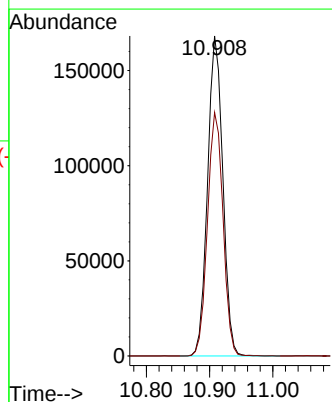
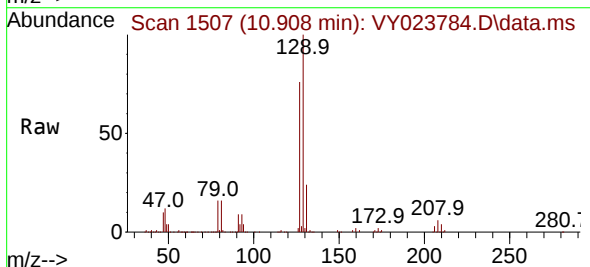
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

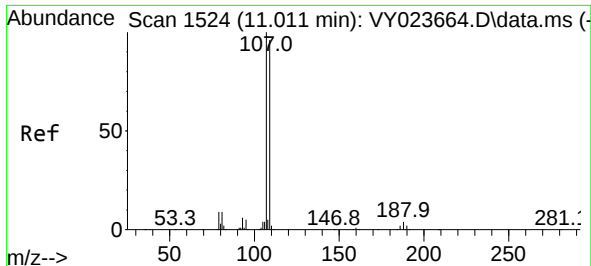
Tgt Ion: 43 Resp: 544697
Ion Ratio Lower Upper
43 100
58 60.5 30.2 90.6



#60
Dibromochloromethane
Concen: 50.275 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 129 Resp: 281795
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2

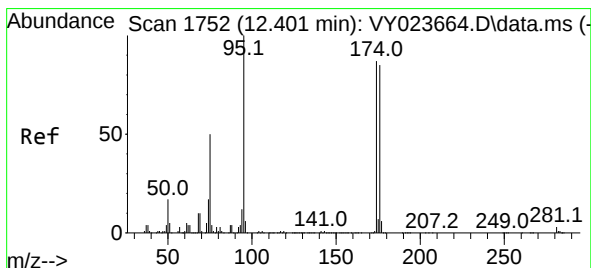
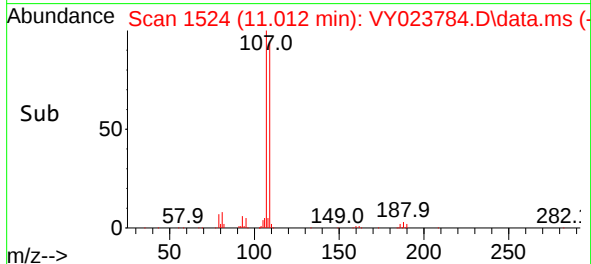
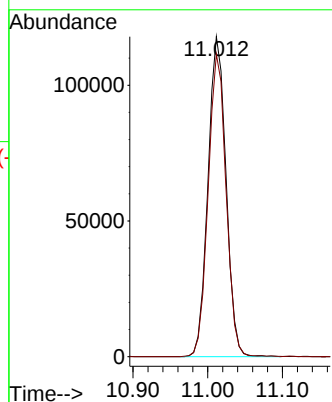
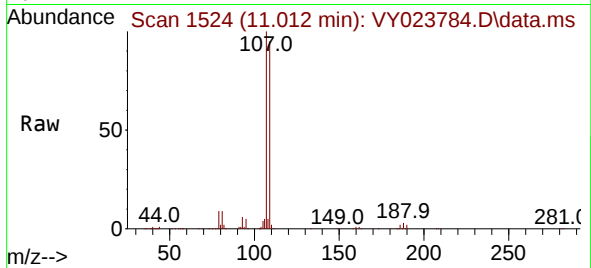




#61
1,2-Dibromoethane
Concen: 51.524 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

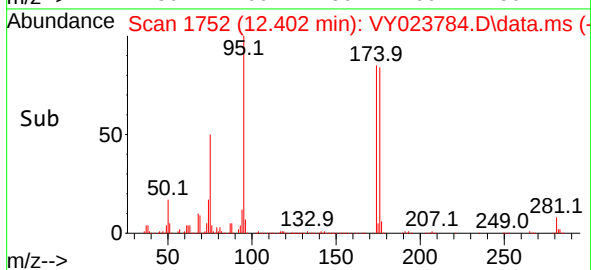
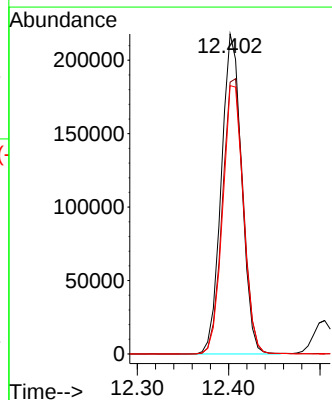
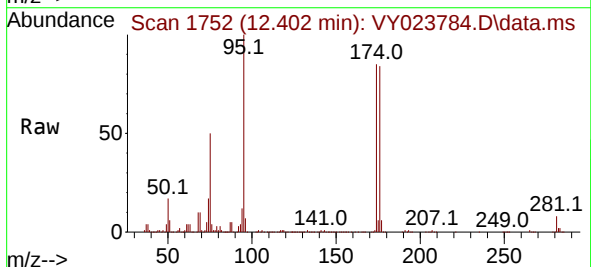
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

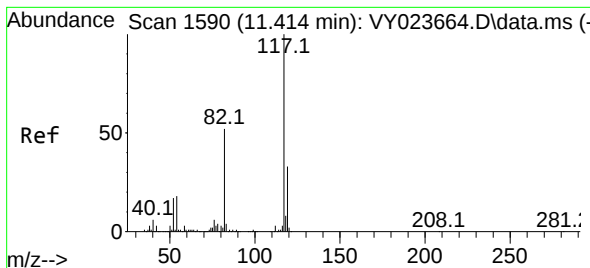
Tgt Ion:107 Resp: 197255
Ion Ratio Lower Upper
107 100
109 94.1 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 52.860 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 95 Resp: 337476
Ion Ratio Lower Upper
95 100
174 89.0 0.0 184.8
176 85.3 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

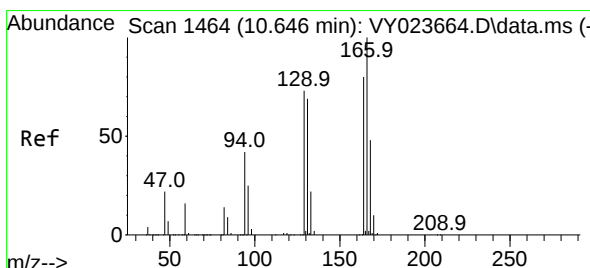
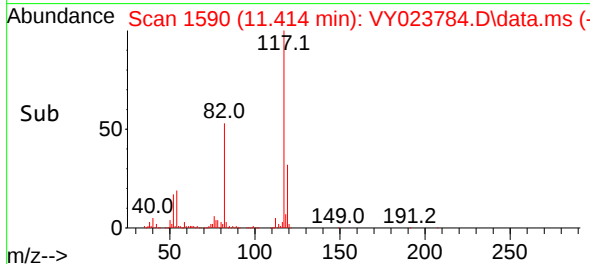
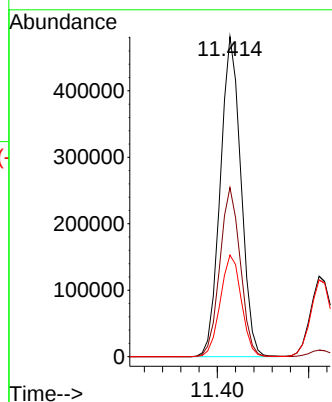
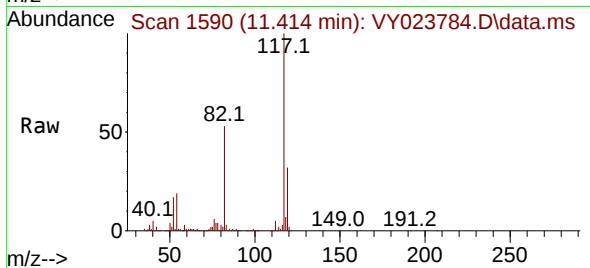
Tgt Ion:117 Resp: 755373

Ion Ratio Lower Upper

117 100

82 52.9 41.2 61.8

119 31.8 26.2 39.2



#64

Tetrachloroethene

Concen: 46.061 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Tgt Ion:164 Resp: 362147

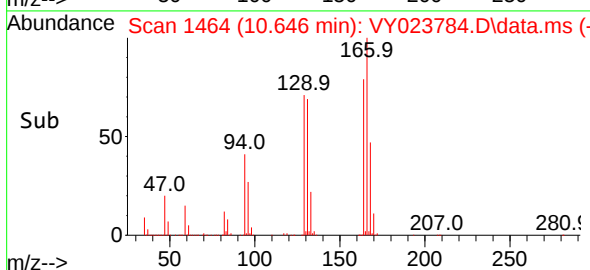
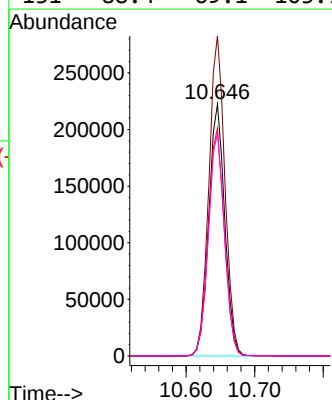
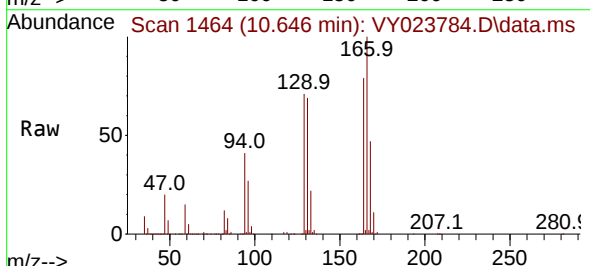
Ion Ratio Lower Upper

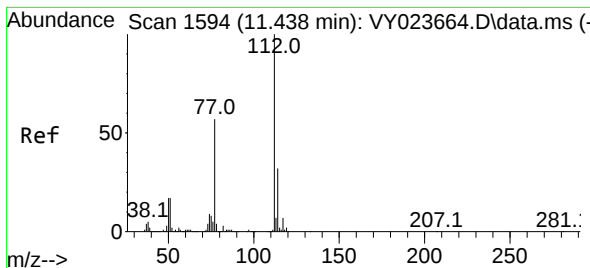
164 100

166 127.2 99.5 149.3

129 90.6 72.3 108.5

131 88.4 69.1 103.7

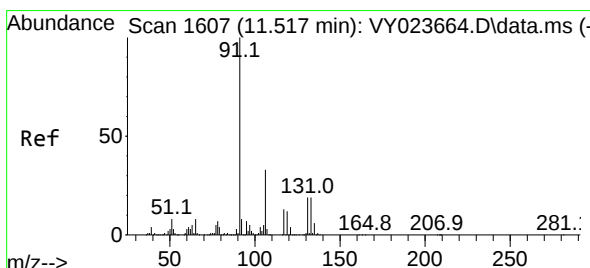
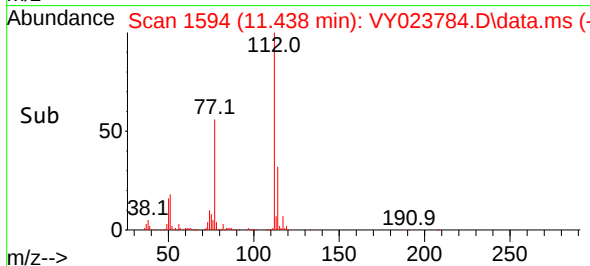
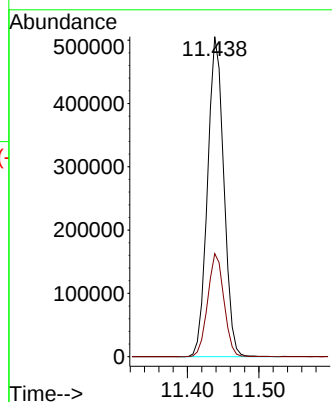
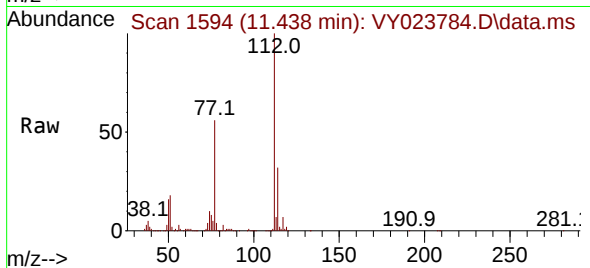




#65
Chlorobenzene
Concen: 48.604 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

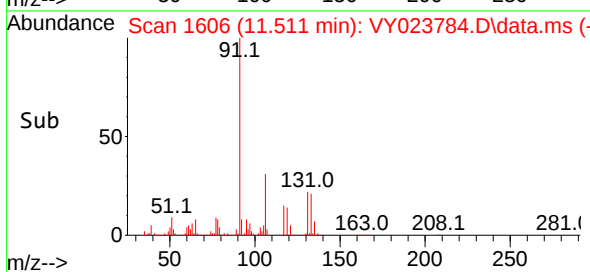
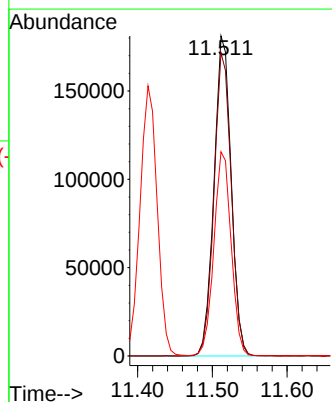
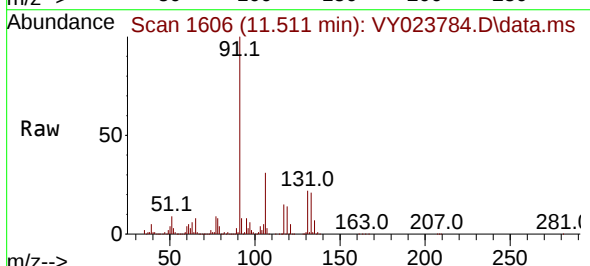
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

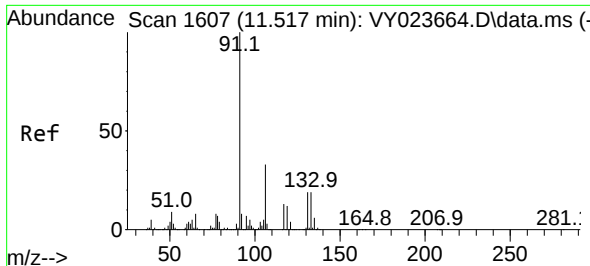
Tgt Ion:112 Resp: 799270
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.737 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion:131 Resp: 289215
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 64.3 32.5 97.4

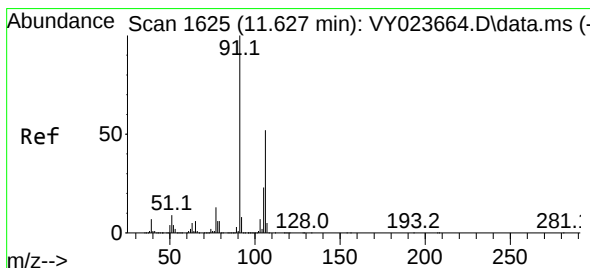
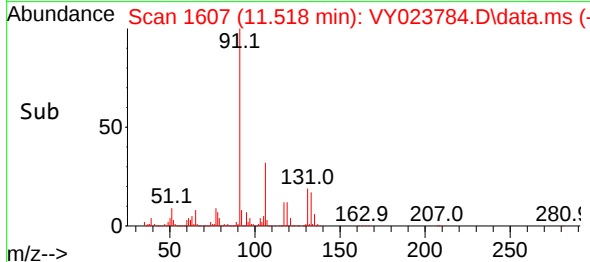
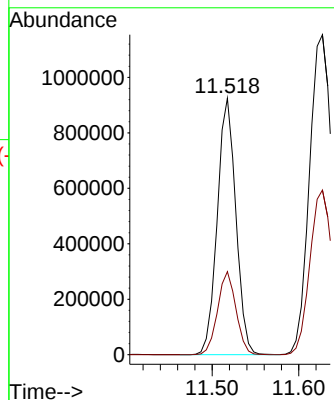
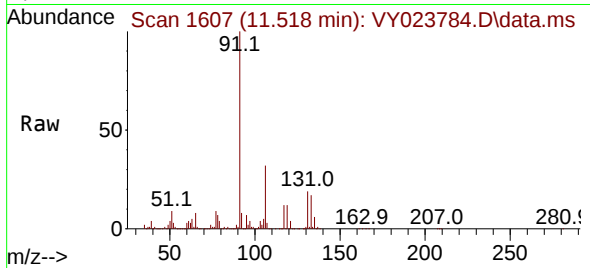




#67
Ethyl Benzene
Concen: 51.737 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

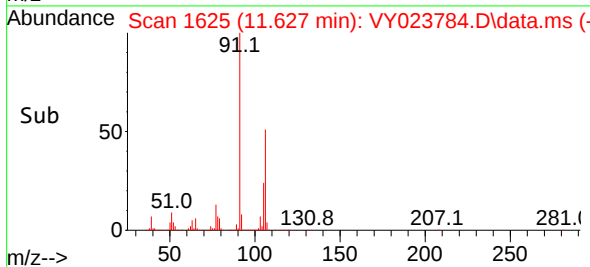
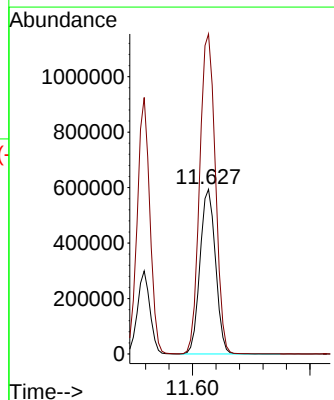
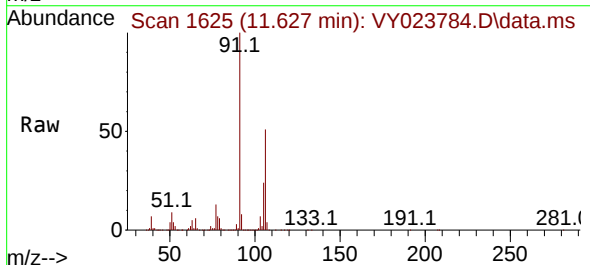
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

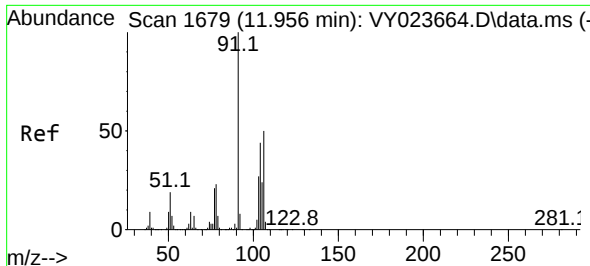
Tgt Ion: 91 Resp: 1376972
Ion Ratio Lower Upper
91 100
106 32.4 26.6 40.0



#68
m/p-Xylenes
Concen: 102.009 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion:106 Resp: 1084717
Ion Ratio Lower Upper
106 100
91 196.7 154.3 231.5

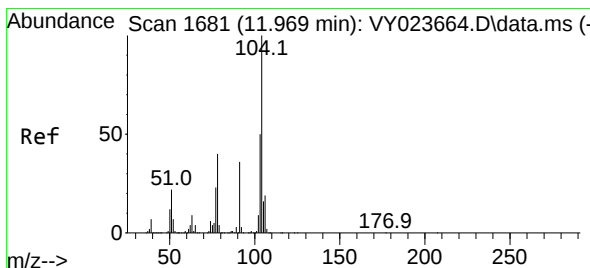
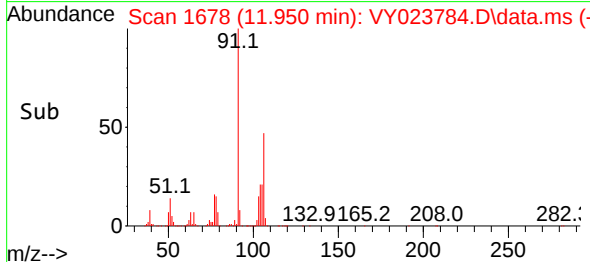
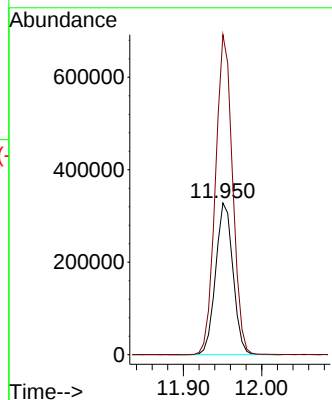
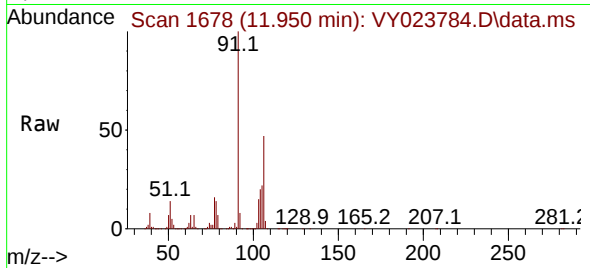




#69
o-Xylene
Concen: 51.351 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

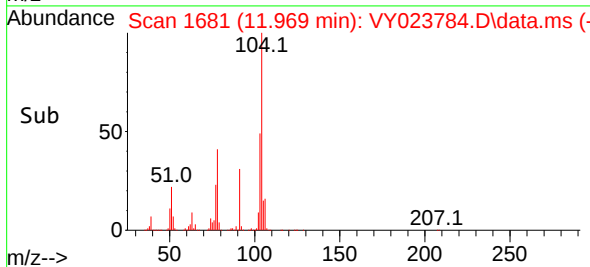
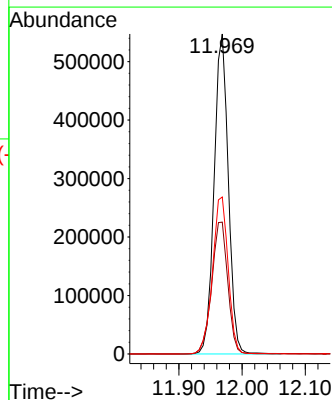
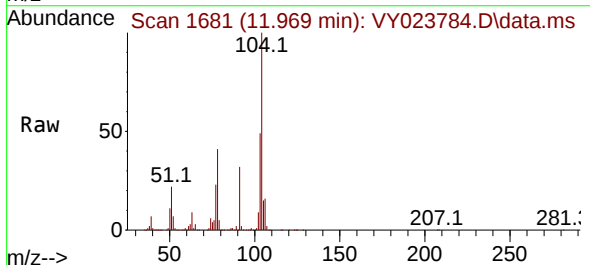
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

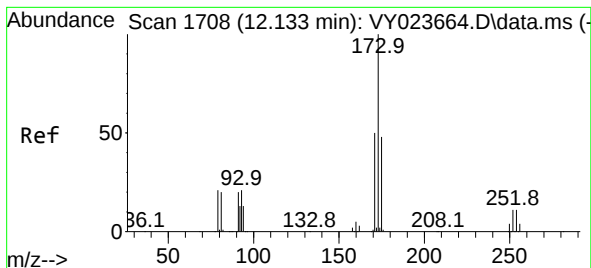
Tgt Ion:106 Resp: 504759
Ion Ratio Lower Upper
106 100
91 208.8 101.6 304.6



#70
Styrene
Concen: 52.478 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion:104 Resp: 851104
Ion Ratio Lower Upper
104 100
78 46.8 36.5 54.7
103 54.3 43.7 65.5





#71

Bromoform

Concen: 50.731 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. -0.006 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

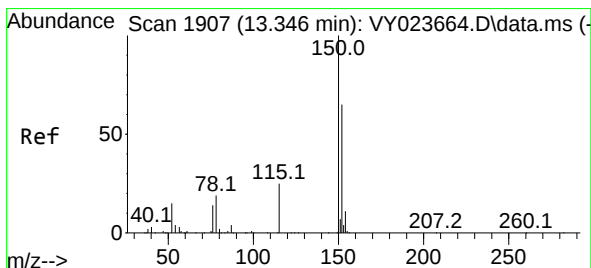
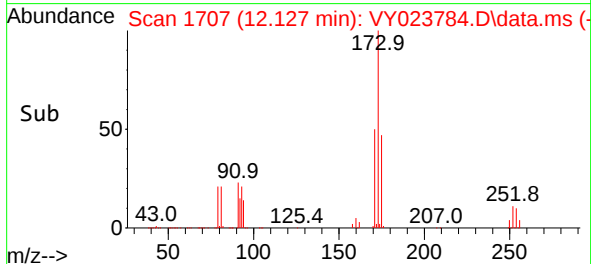
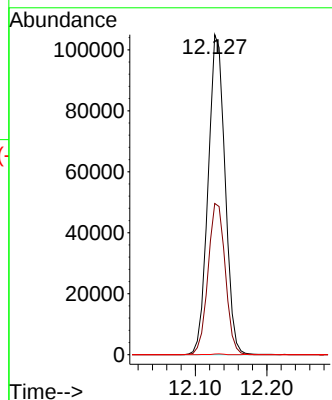
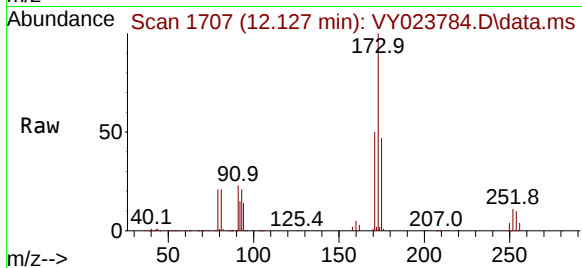
Tgt Ion:173 Resp: 172290

Ion Ratio Lower Upper

173 100

175 48.3 24.2 72.6

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

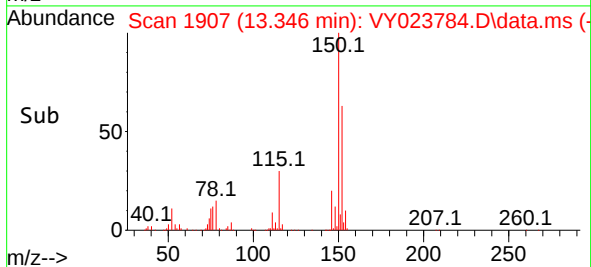
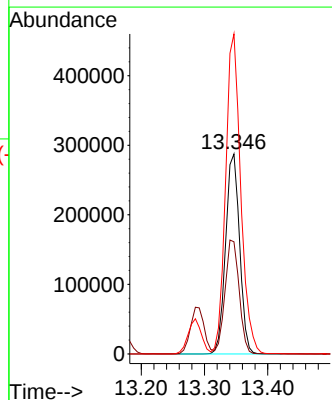
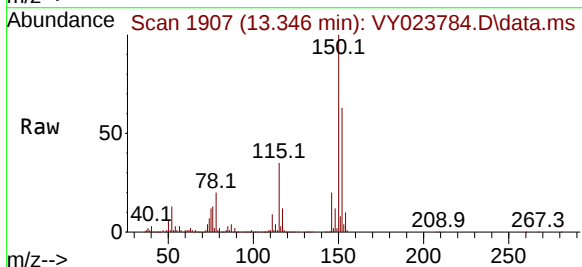
Tgt Ion:152 Resp: 439598

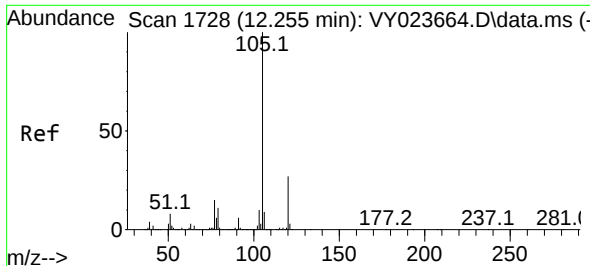
Ion Ratio Lower Upper

152 100

115 57.2 27.5 82.5

150 172.6 0.0 349.0

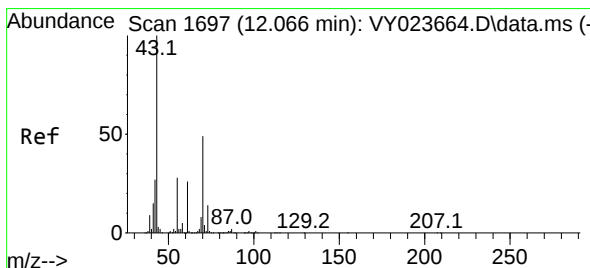
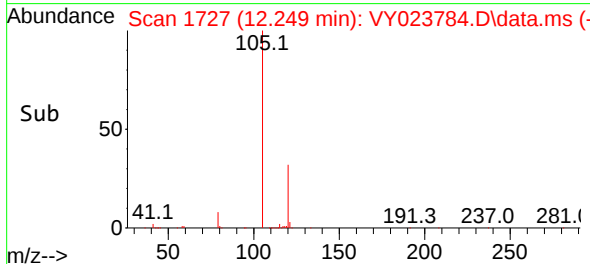
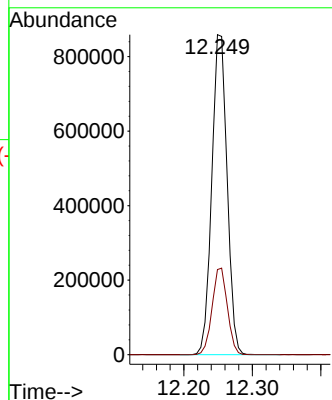
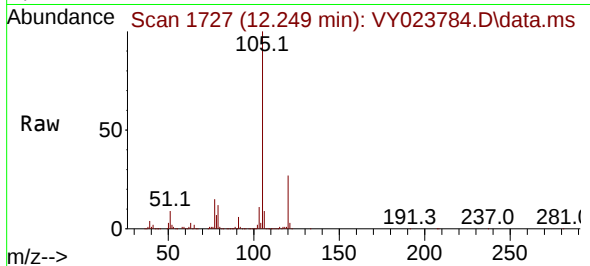




#73
Isopropylbenzene
Concen: 45.278 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

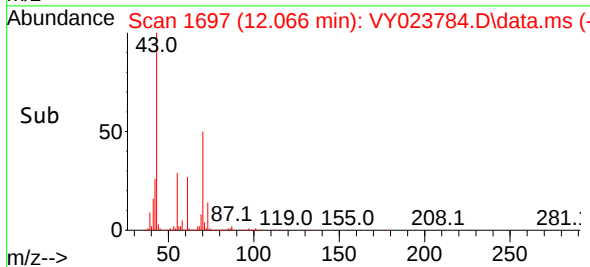
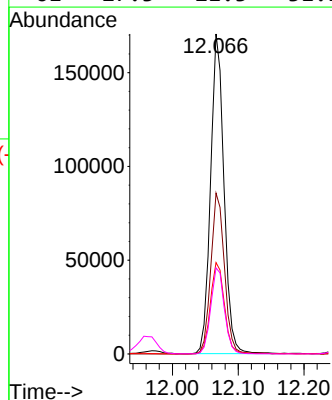
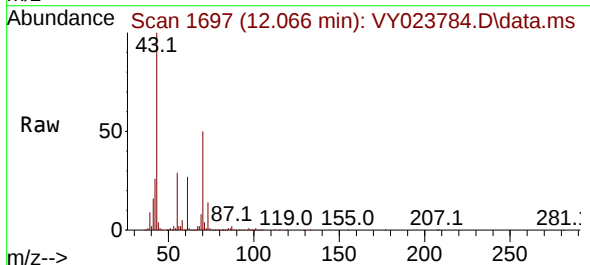
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

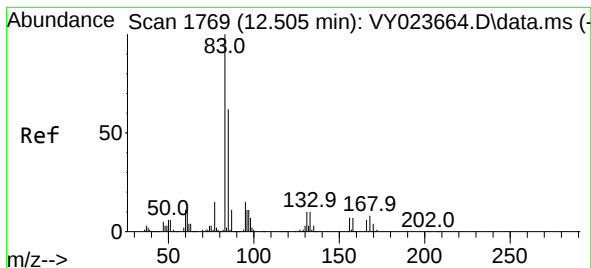
Tgt Ion:105 Resp: 1331220
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.7



#74
N-ethyl acetate
Concen: 48.693 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 43 Resp: 242381
Ion Ratio Lower Upper
43 100
70 51.3 40.1 60.1
55 30.2 23.0 34.6
61 27.3 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 46.591 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

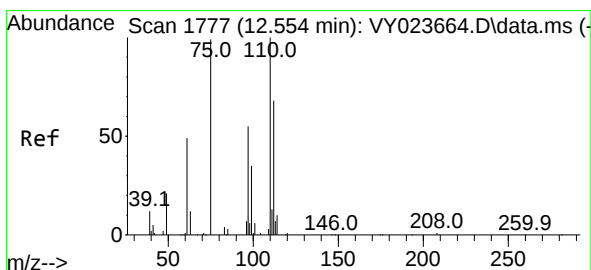
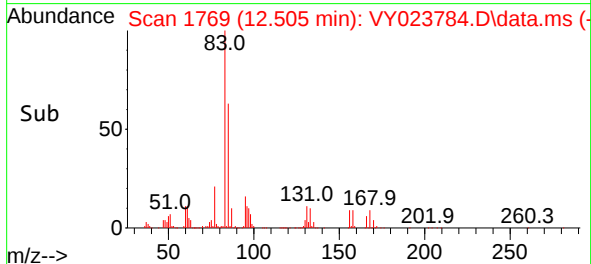
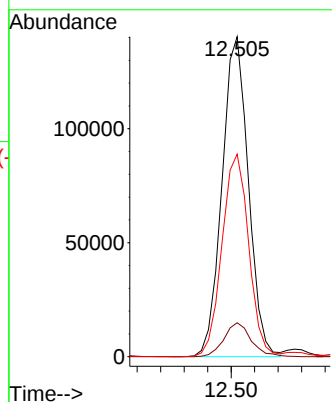
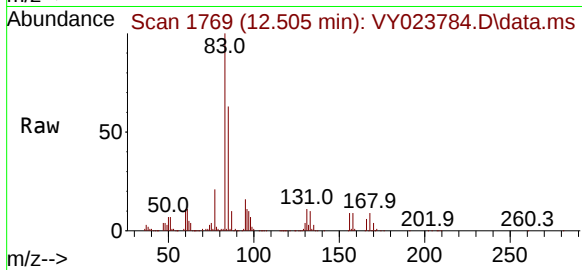
Tgt Ion: 83 Resp: 218779

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

85 64.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 80.769 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY023784.D

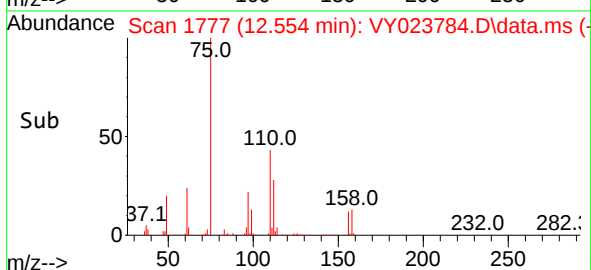
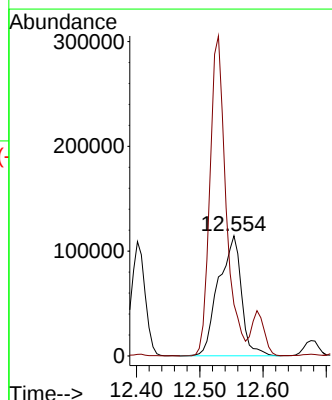
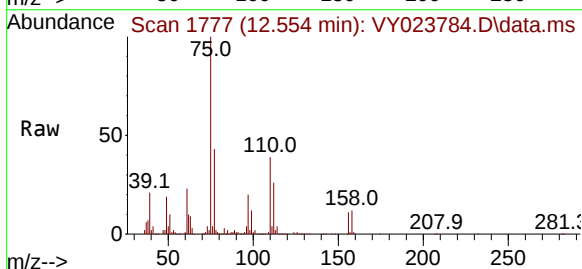
Acq: 13 Nov 2025 14:20

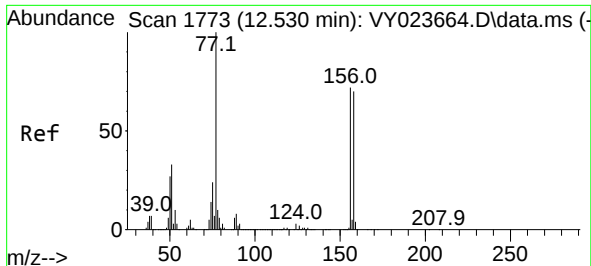
Tgt Ion: 75 Resp: 287352

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

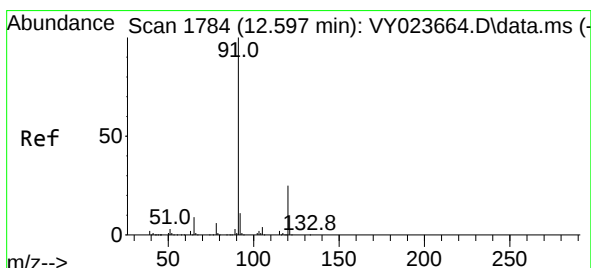
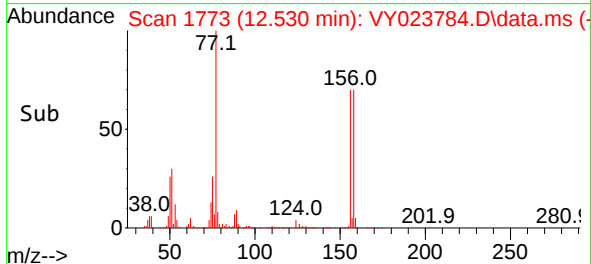
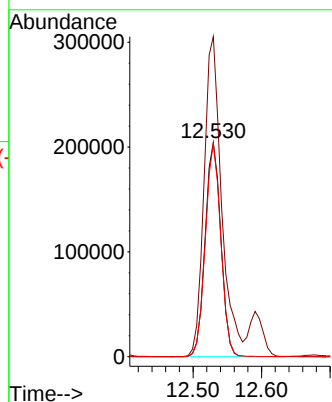
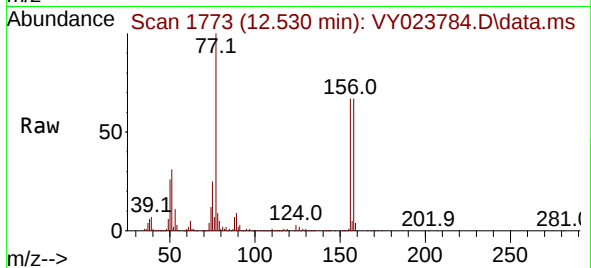




#77
Bromobenzene
Concen: 42.675 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

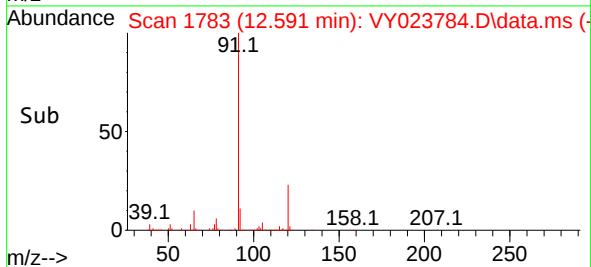
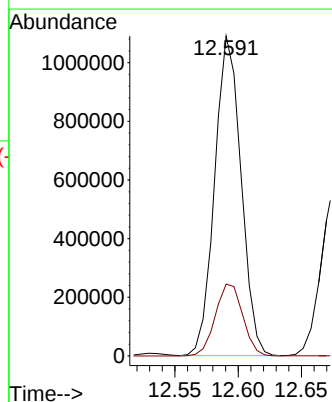
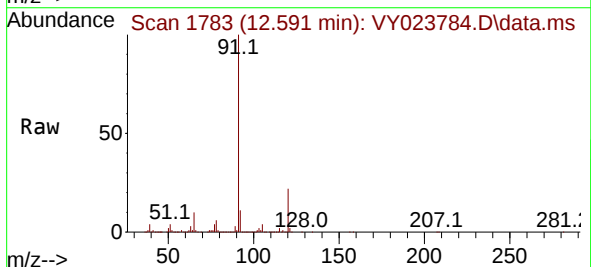
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

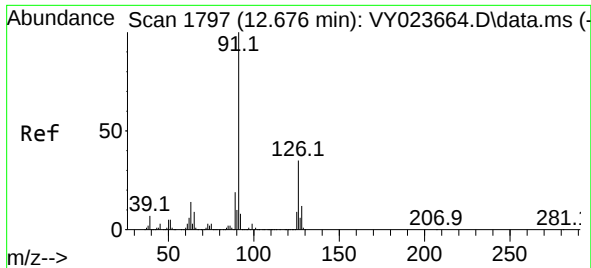
Tgt Ion:156 Resp: 325459
Ion Ratio Lower Upper
156 100
77 166.9 77.9 233.7
158 98.1 48.5 145.5



#78
n-propylbenzene
Concen: 45.667 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 91 Resp: 1579324
Ion Ratio Lower Upper
91 100
120 23.4 12.0 36.1

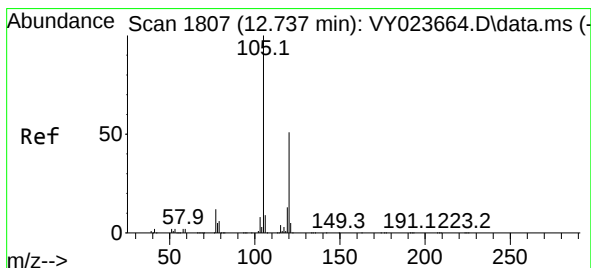
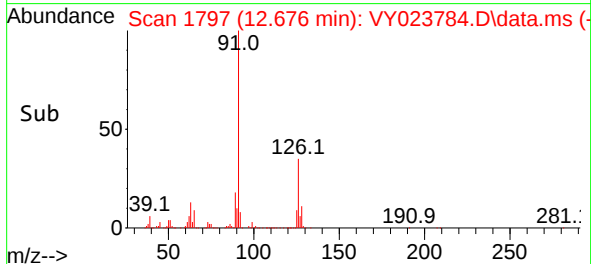
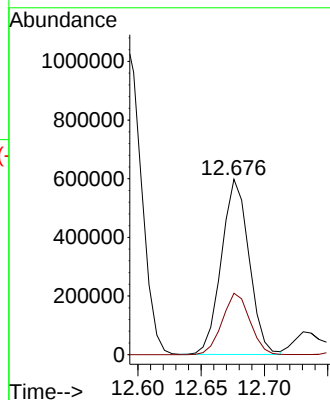
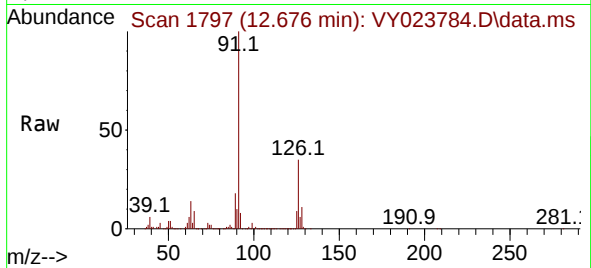




#79
2-Chlorotoluene
Concen: 45.307 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

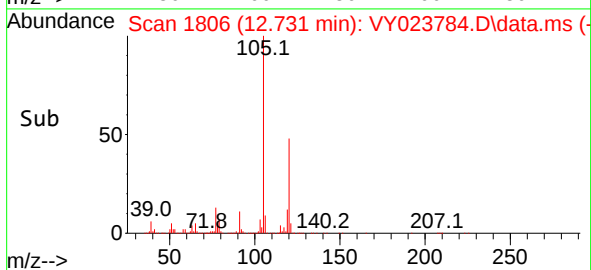
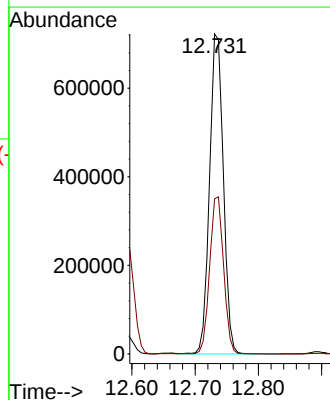
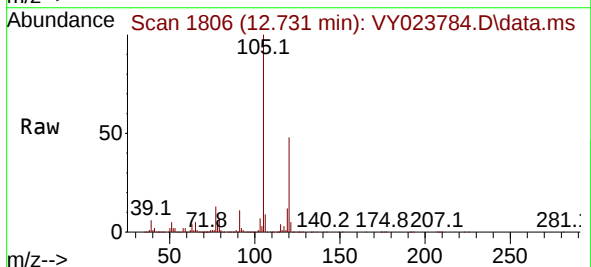
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

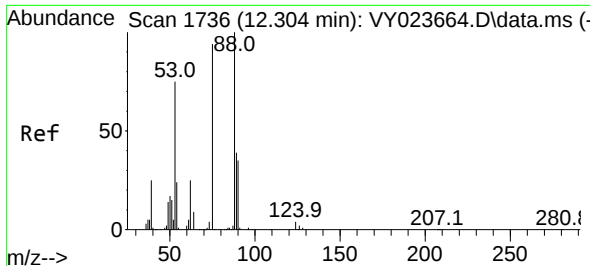
Tgt Ion: 91 Resp: 909228
Ion Ratio Lower Upper
91 100
126 35.2 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 45.942 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion:105 Resp: 1097468
Ion Ratio Lower Upper
105 100
120 49.5 25.4 76.2

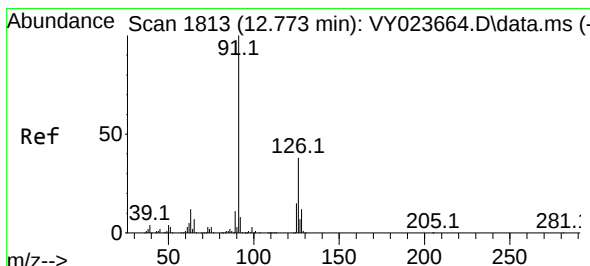
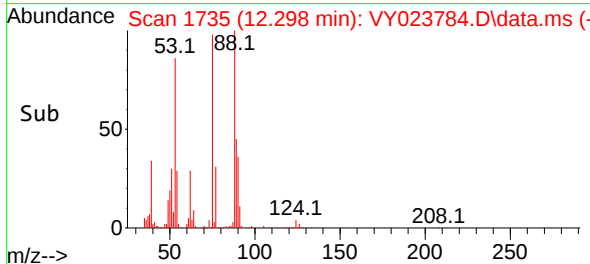
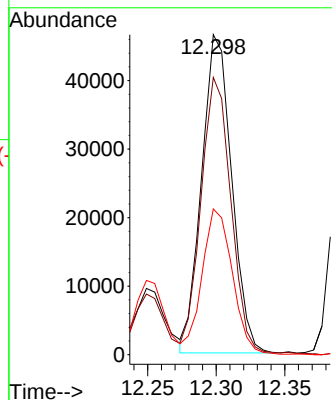
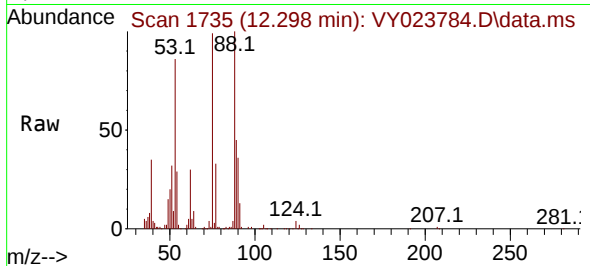




#81
trans-1,4-Dichloro-2-butene
Concen: 45.069 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

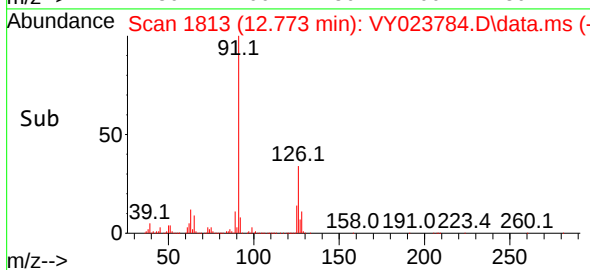
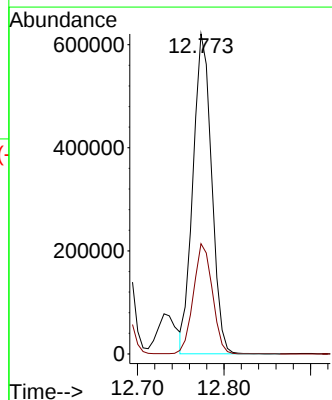
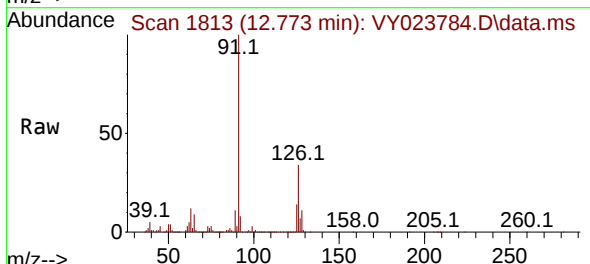
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

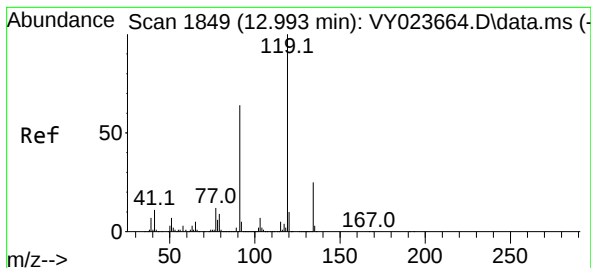
Tgt Ion: 75 Resp: 70950
Ion Ratio Lower Upper
75 100
53 87.6 69.6 104.4
89 46.5 38.2 57.4



#82
4-Chlorotoluene
Concen: 44.795 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 91 Resp: 927086
Ion Ratio Lower Upper
91 100
126 35.0 18.1 54.4





#83

tert-Butylbenzene

Concen: 50.588 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

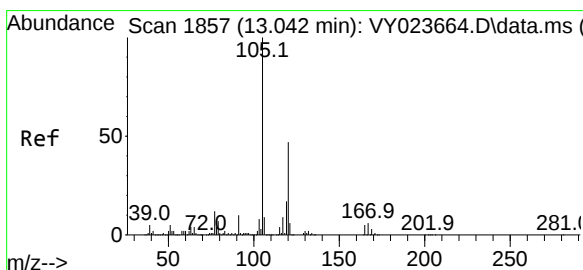
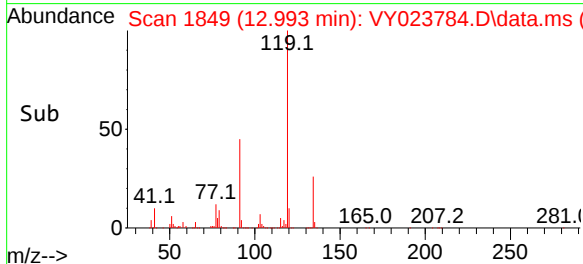
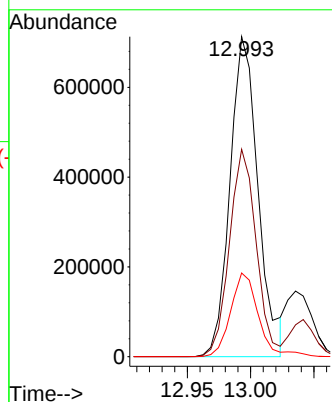
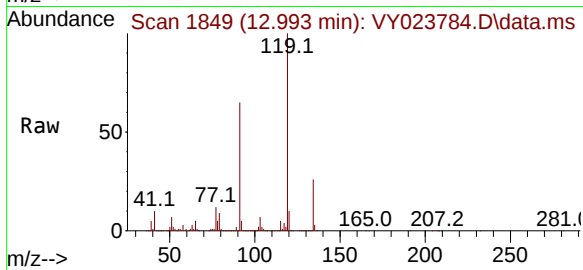
Tgt Ion:119 Resp: 1100628

Ion Ratio Lower Upper

119 100

91 61.9 30.7 92.1

134 26.0 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 49.531 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023784.D

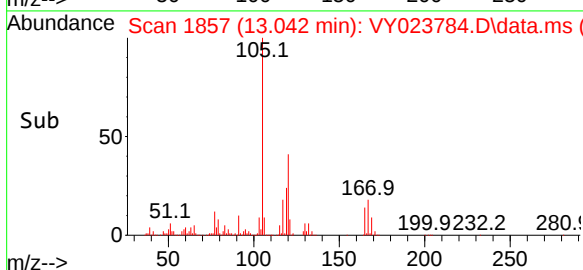
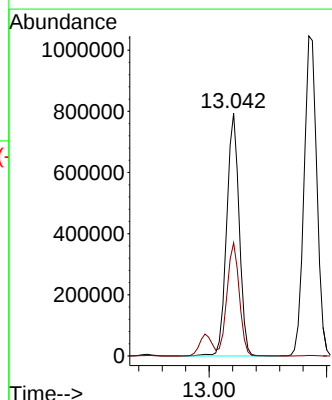
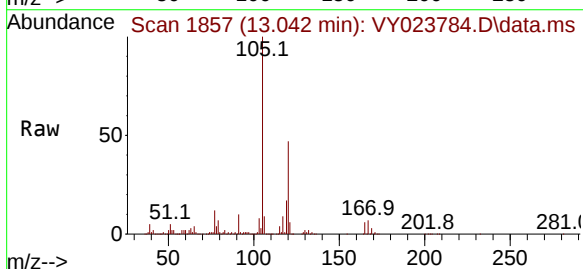
Acq: 13 Nov 2025 14:20

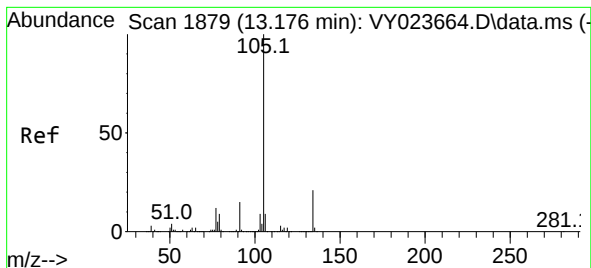
Tgt Ion:105 Resp: 1171920

Ion Ratio Lower Upper

105 100

120 46.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.198 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

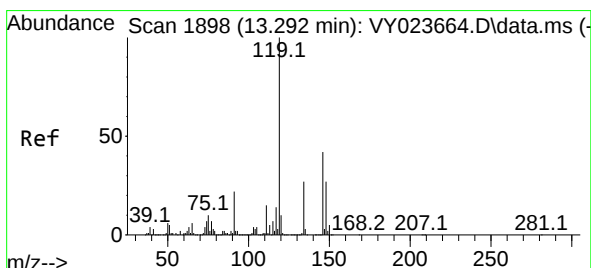
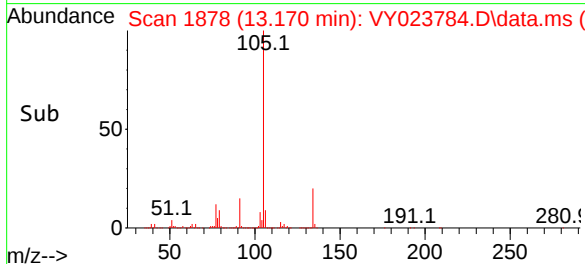
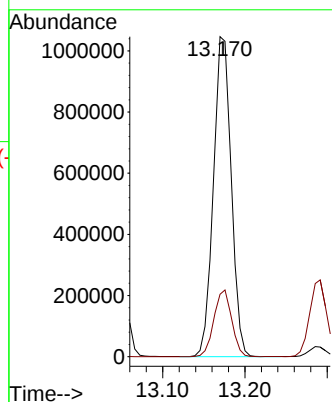
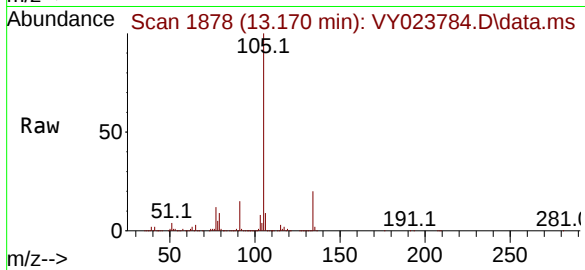
VSTDCCC050EC

Tgt Ion:105 Resp: 1575251

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



#86

p-Isopropyltoluene

Concen: 50.830 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

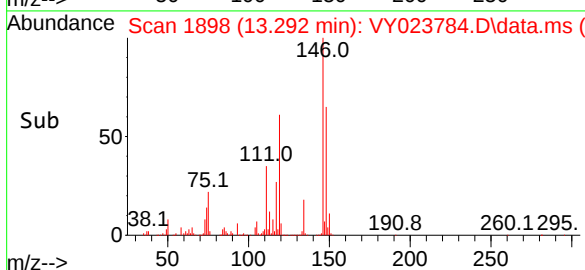
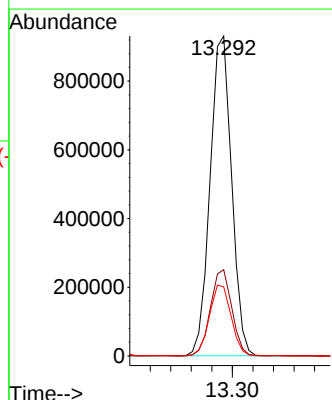
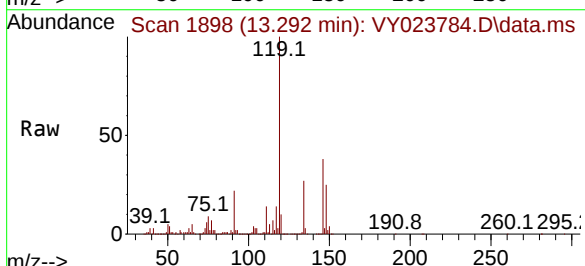
Tgt Ion:119 Resp: 1350297

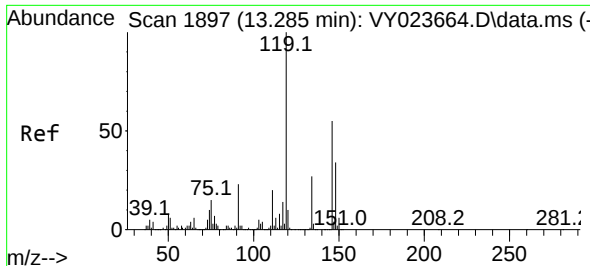
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.4 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 47.231 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

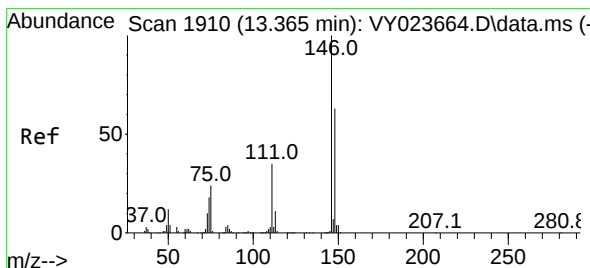
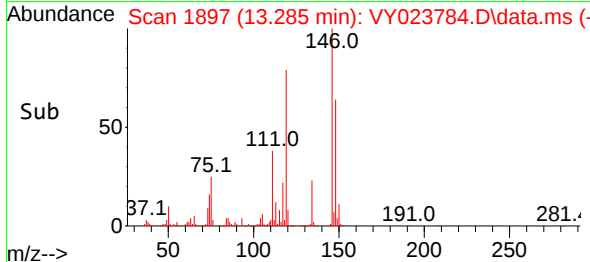
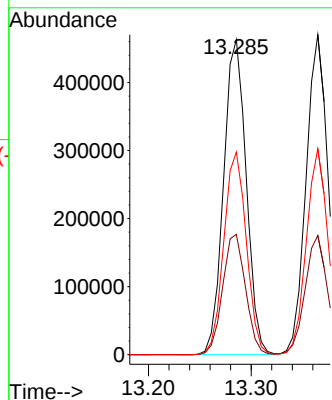
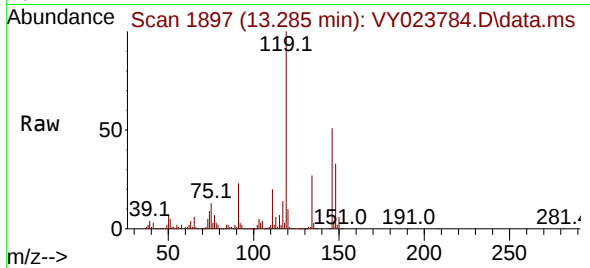
Tgt Ion:146 Resp: 708955

Ion Ratio Lower Upper

146 100

111 38.5 18.8 56.3

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.312 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

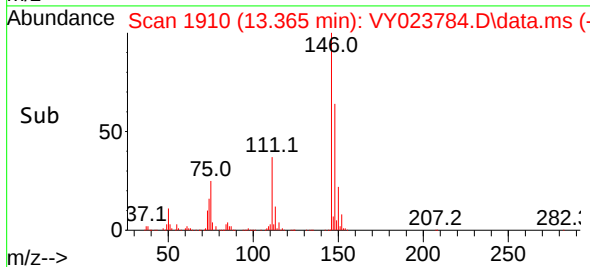
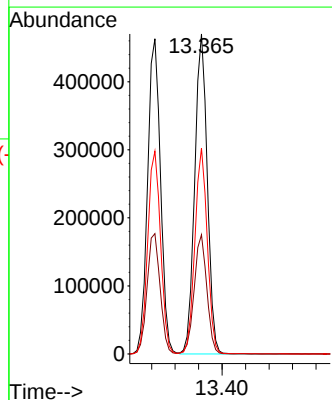
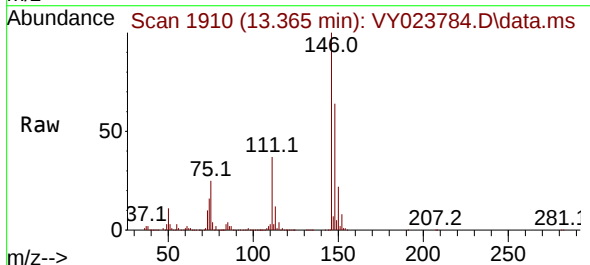
Tgt Ion:146 Resp: 697602

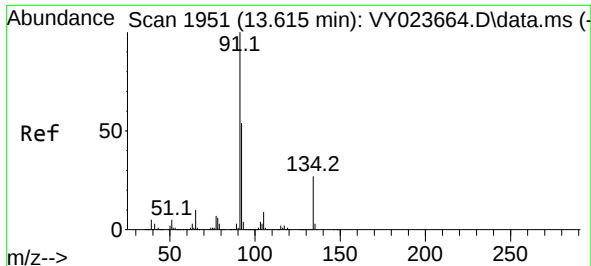
Ion Ratio Lower Upper

146 100

111 37.5 18.3 54.8

148 63.7 31.8 95.3

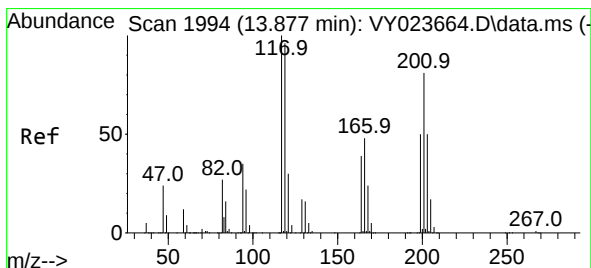
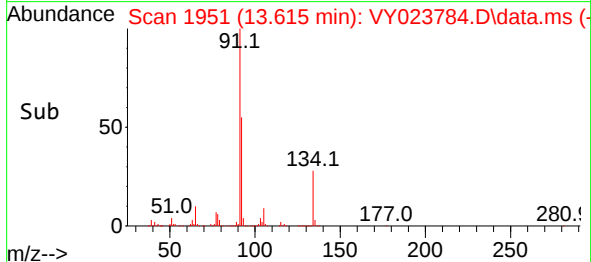
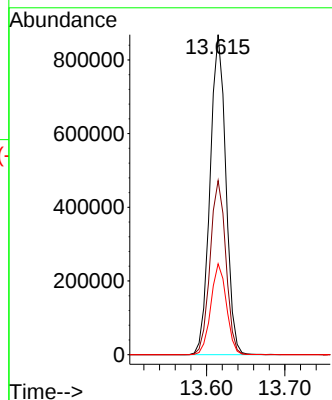
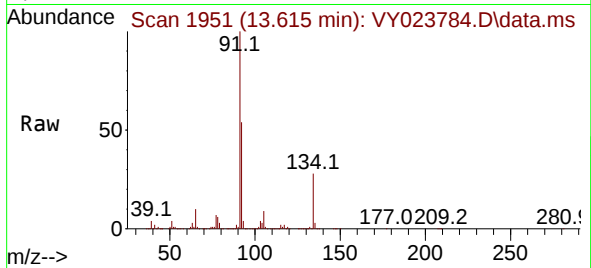




#89
n-Butylbenzene
Concen: 52.494 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

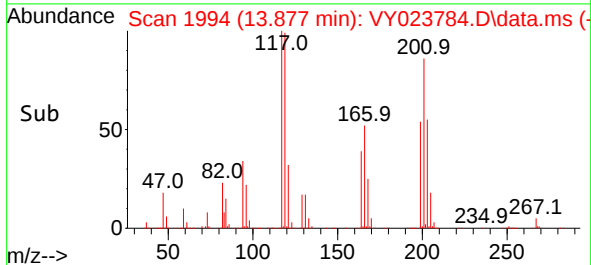
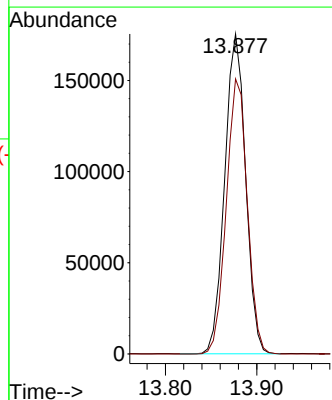
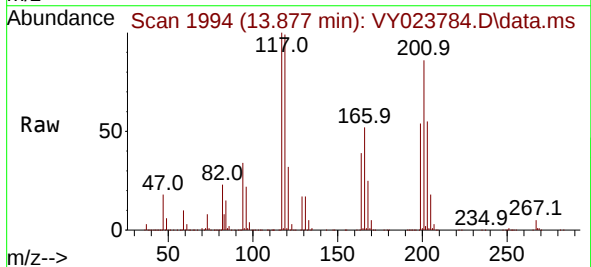
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

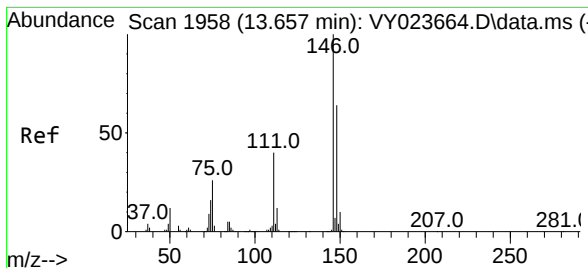
Tgt Ion: 91 Resp: 1212616
Ion Ratio Lower Upper
91 100
92 54.3 26.5 79.4
134 28.0 13.7 41.1



#90
Hexachloroethane
Concen: 48.861 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion: 117 Resp: 278941
Ion Ratio Lower Upper
117 100
201 86.3 42.3 126.8





#91

1,2-Dichlorobenzene

Concen: 49.728 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

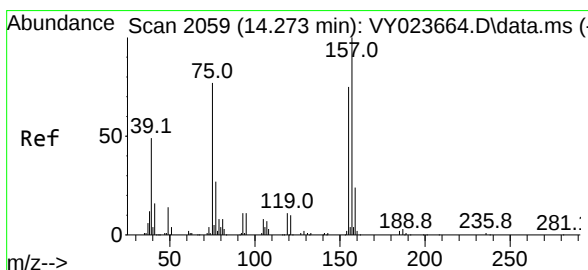
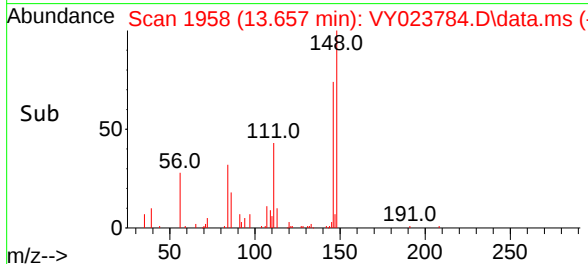
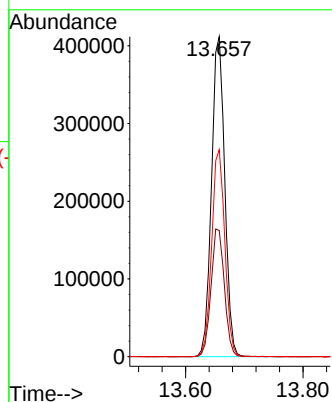
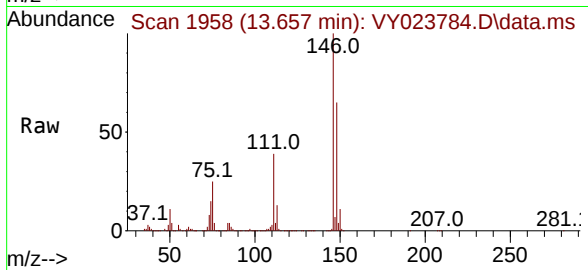
Tgt Ion:146 Resp: 643270

Ion Ratio Lower Upper

146 100

111 40.2 19.5 58.5

148 64.3 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.813 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

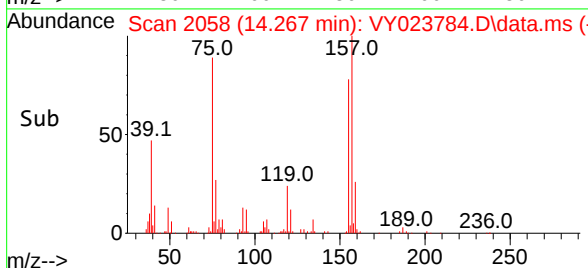
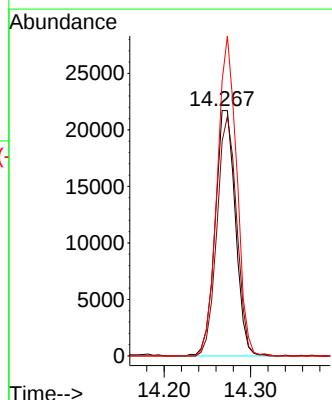
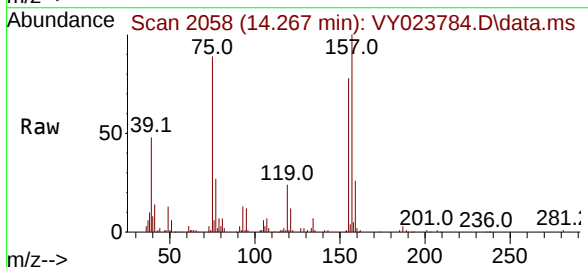
Tgt Ion: 75 Resp: 35292

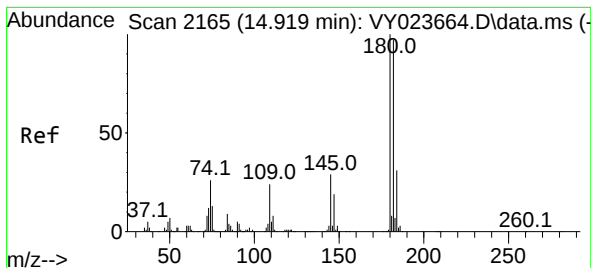
Ion Ratio Lower Upper

75 100

155 94.9 49.4 148.2

157 126.0 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 51.172 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

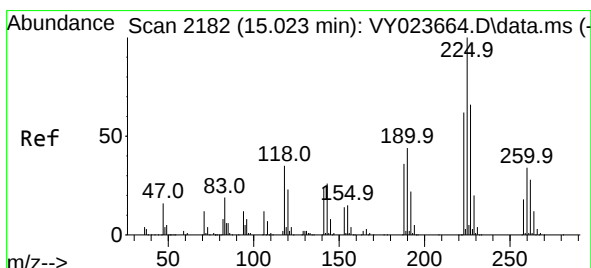
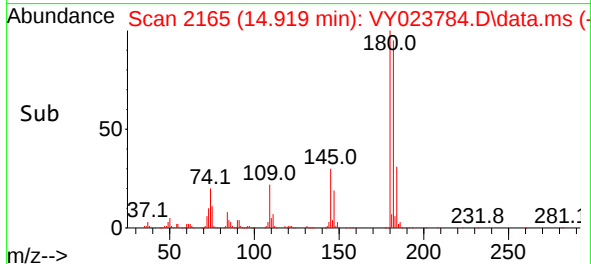
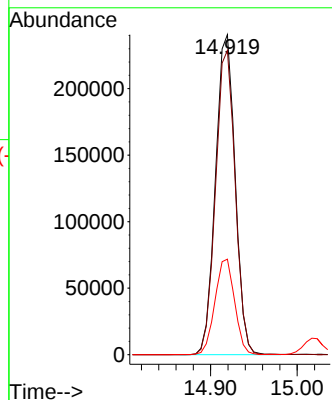
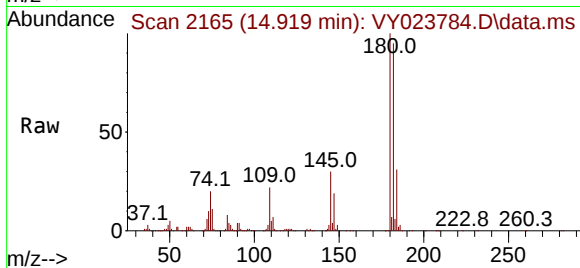
Tgt Ion:180 Resp: 378632

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.6

145 30.1 14.4 43.4



#94

Hexachlorobutadiene

Concen: 50.887 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY023784.D

Acq: 13 Nov 2025 14:20

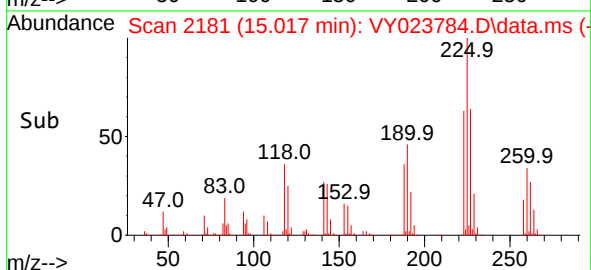
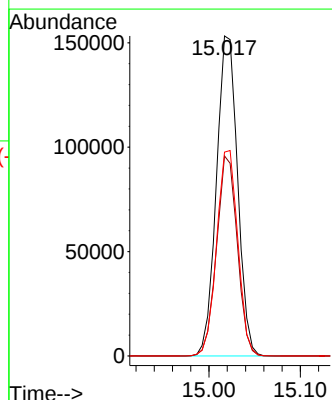
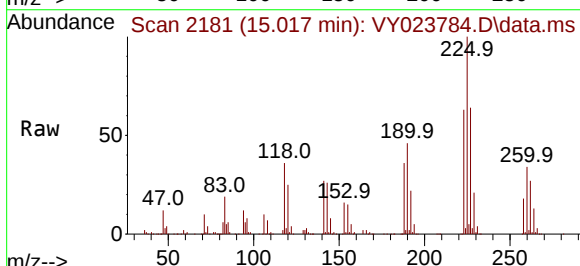
Tgt Ion:225 Resp: 246698

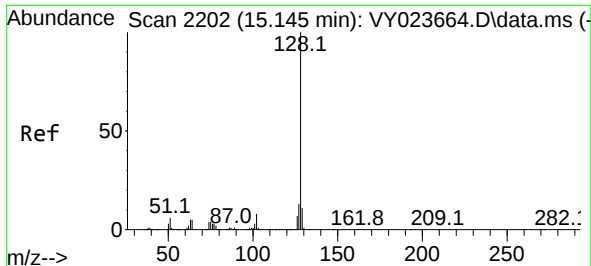
Ion Ratio Lower Upper

225 100

223 61.2 30.8 92.3

227 64.2 32.0 96.2

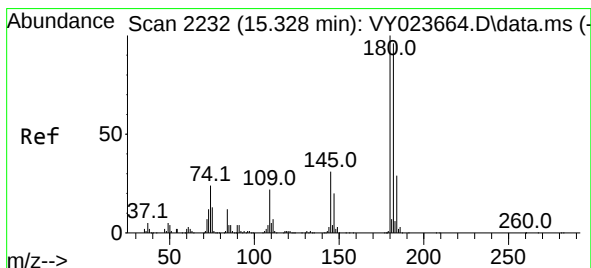
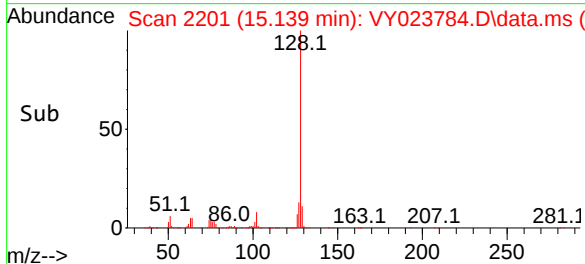
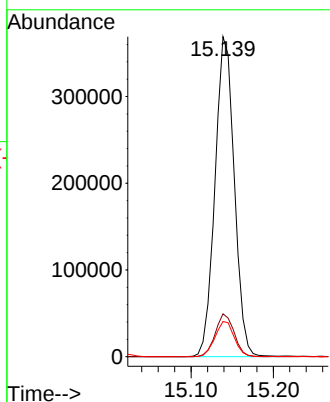
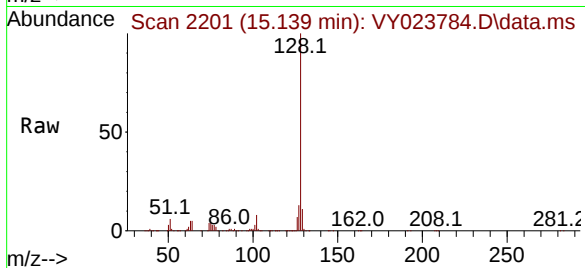




#95
Naphthalene
Concen: 46.969 ug/l
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 602961
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.036 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023784.D
Acq: 13 Nov 2025 14:20

Tgt Ion:180 Resp: 321686
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.6
145 31.4 15.5 46.5

