

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121025\
 Data File : VY023924.D
 Acq On : 10 Dec 2025 08:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 11 04:08:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	530594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	745203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	635386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	328066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	208581	44.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.920%
35) Dibromofluoromethane	7.646	113	228077	46.821	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.640%
50) Toluene-d8	10.115	98	849247	46.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.414	95	277528	45.821	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	211972	57.609	ug/l	99
3) Chloromethane	2.080	50	257223	54.417	ug/l	97
4) Vinyl Chloride	2.214	62	325927	55.801	ug/l	98
5) Bromomethane	2.611	94	249137	50.099	ug/l	98
6) Chloroethane	2.751	64	222322	54.022	ug/l	100
7) Trichlorofluoromethane	3.074	101	488637	55.567	ug/l	98
8) Diethyl Ether	3.464	74	130974	54.217	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.830	101	284387	55.493	ug/l	99
10) Methyl Iodide	4.025	142	364310	57.676	ug/l	99
11) Tert butyl alcohol	4.872	59	64960	239.129	ug/l	100
12) 1,1-Dichloroethene	3.806	96	274687	57.048	ug/l	96
13) Acrolein	3.671	56	58503	134.653	ug/l	99
14) Allyl chloride	4.403	41	343890	55.817	ug/l	99
15) Acrylonitrile	5.074	53	254685	264.609	ug/l	99
16) Acetone	3.885	43	335540	280.710	ug/l	98
17) Carbon Disulfide	4.123	76	793527	62.058	ug/l	99
18) Methyl Acetate	4.403	43	111334	52.454	ug/l	100
19) Methyl tert-butyl Ether	5.129	73	634268	55.084	ug/l	100
20) Methylene Chloride	4.635	84	284356	51.524	ug/l	96
21) trans-1,2-Dichloroethene	5.135	96	296843	56.157	ug/l	98
22) Diisopropyl ether	6.037	45	773677	55.148	ug/l	99
23) Vinyl Acetate	5.976	43	2165136	277.757	ug/l	99
24) 1,1-Dichloroethane	5.933	63	483238	55.263	ug/l	99
25) 2-Butanone	6.909	43	367872	253.745	ug/l	100
26) 2,2-Dichloropropane	6.896	77	455257	55.759	ug/l	100
27) cis-1,2-Dichloroethene	6.903	96	336300	55.422	ug/l	100
28) Bromochloromethane	7.256	49	146121	44.356	ug/l	98
29) Tetrahydrofuran	7.274	42	198423	268.365	ug/l	99
30) Chloroform	7.433	83	522159	54.666	ug/l	96
31) Cyclohexane	7.713	56	449300	55.847	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	489403	55.252	ug/l	100
36) 1,1-Dichloropropene	7.848	75	382040	57.607	ug/l	99
37) Ethyl Acetate	7.000	43	146157	54.121	ug/l	99
38) Carbon Tetrachloride	7.829	117	456142	56.745	ug/l	99
39) Methylcyclohexane	9.116	83	528052	59.597	ug/l	98
40) Benzene	8.091	78	1147527	56.821	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	82595	55.595	ug/l	93
42) 1,2-Dichloroethane	8.165	62	295455	55.788	ug/l	100
43) Isopropyl Acetate	8.207	43	281448	55.336	ug/l	98
44) Trichloroethene	8.872	130	331042	56.532	ug/l	98
45) 1,2-Dichloropropane	9.152	63	252379	55.387	ug/l	100
46) Dibromomethane	9.238	93	149516	55.712	ug/l	98
47) Bromodichloromethane	9.433	83	390405	55.298	ug/l	99
48) Methyl methacrylate	9.225	41	134011	56.599	ug/l	98
49) 1,4-Dioxane	9.244	88	31348	1047.750	ug/l	90
51) 4-Methyl-2-Pentanone	10.006	43	740038	274.615	ug/l	99
52) Toluene	10.176	92	765580	57.288	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	351673	57.641	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	410773	57.136	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	202909	54.932	ug/l	98
56) Ethyl methacrylate	10.445	69	253453	57.879	ug/l	97
57) 1,3-Dichloropropane	10.725	76	327203	54.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	499788	263.488	ug/l	99
59) 2-Hexanone	10.768	43	552596	270.185	ug/l	100
60) Dibromochloromethane	10.920	129	288007	56.316	ug/l	99
61) 1,2-Dibromoethane	11.024	107	189403	55.334	ug/l	99
64) Tetrachloroethene	10.658	164	404074	59.197	ug/l	95
65) Chlorobenzene	11.451	112	834178	56.658	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	294958	57.123	ug/l	98
67) Ethyl Benzene	11.524	91	1442549	58.477	ug/l	99
68) m/p-Xylenes	11.633	106	1147849	117.215	ug/l	100
69) o-Xylene	11.963	106	534698	58.369	ug/l	100
70) Styrene	11.975	104	868599	58.693	ug/l	99
71) Bromoform	12.139	173	169493	55.699	ug/l #	99
73) Isopropylbenzene	12.261	105	1411731	58.882	ug/l	99
74) N-amyl acetate	12.079	43	243560	57.272	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	195358	53.513	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	276392	99.597	ug/l #	100
77) Bromobenzene	12.536	156	335560	56.407	ug/l	99
78) n-propylbenzene	12.603	91	1660847	59.539	ug/l	100
79) 2-Chlorotoluene	12.688	91	923226	58.264	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	1134275	59.301	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	72087	59.128	ug/l	96
82) 4-Chlorotoluene	12.786	91	943728	57.854	ug/l	100
83) tert-Butylbenzene	13.005	119	1051025	59.471	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	1123054	59.270	ug/l	100
85) sec-Butylbenzene	13.182	105	1522266	59.048	ug/l	100
86) p-Isopropyltoluene	13.298	119	1288365	59.041	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	644358	55.776	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	630991	55.409	ug/l	100
89) n-Butylbenzene	13.621	91	1131842	59.285	ug/l	100
90) Hexachloroethane	13.883	117	252144	56.625	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	560138	55.961	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	30483	53.930	ug/l	96
93) 1,2,4-Trichlorobenzene	14.926	180	327048	55.593	ug/l	100
94) Hexachlorobutadiene	15.029	225	214186	55.544	ug/l	98
95) Naphthalene	15.151	128	504873	55.502	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	270315	53.997	ug/l	100

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QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

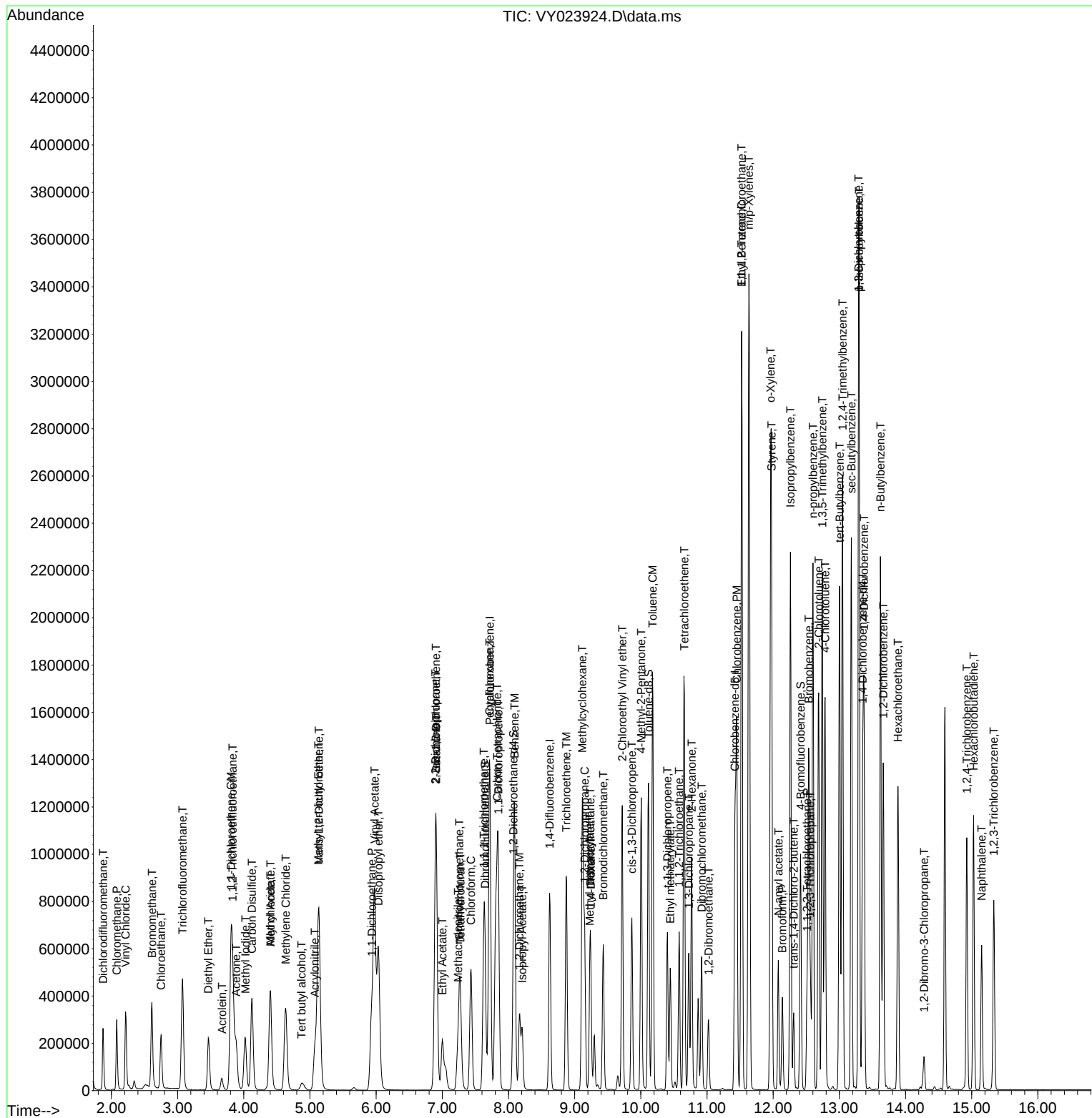
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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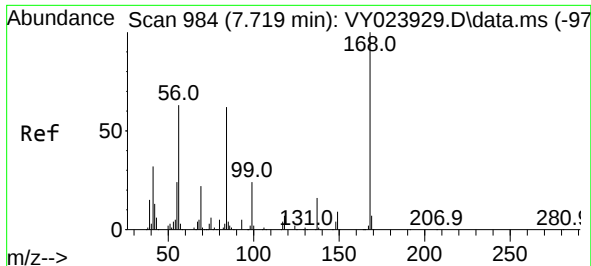
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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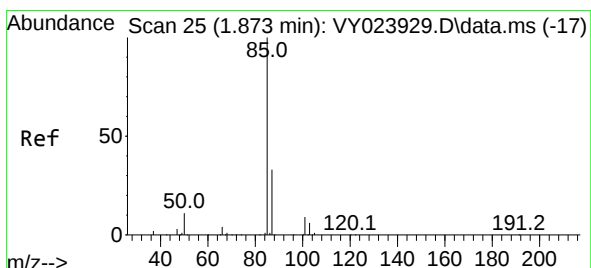
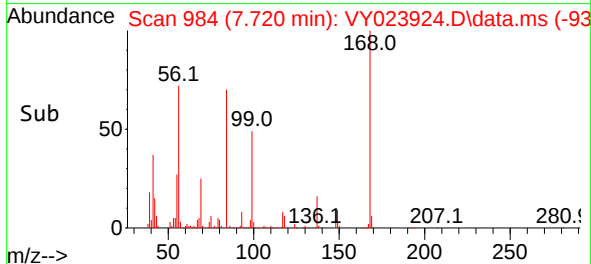
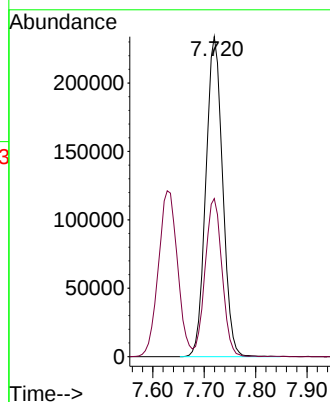
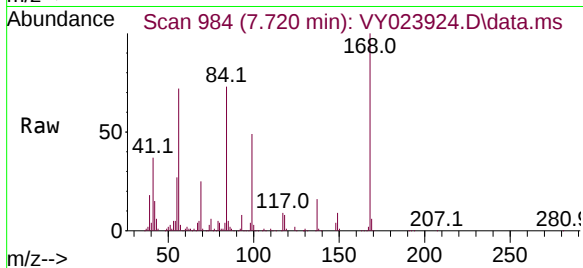




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 984
Delta R.T. 0.001 min
Lab File: VY023924.D
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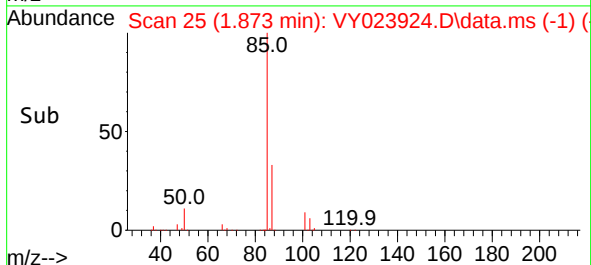
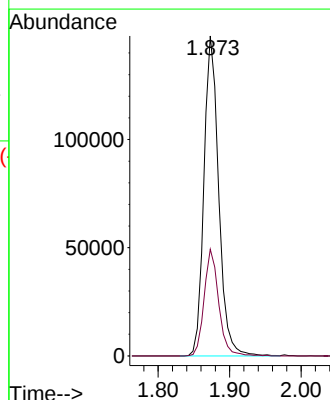
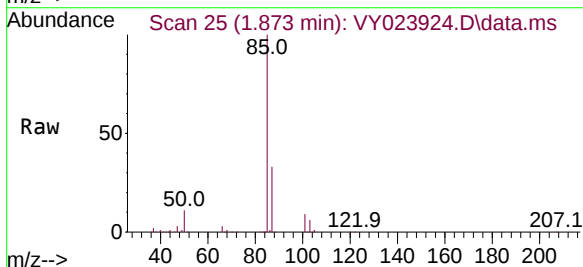
Instrument :
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VSTDCCC050

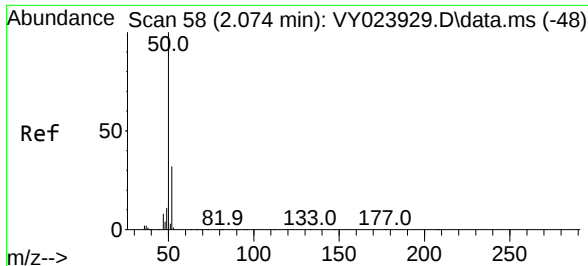
Tgt Ion:168 Resp: 530594
Ion Ratio Lower Upper
168 100
99 49.3 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 57.609 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 85 Resp: 211972
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.1

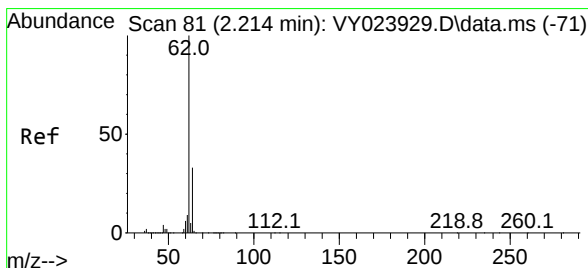
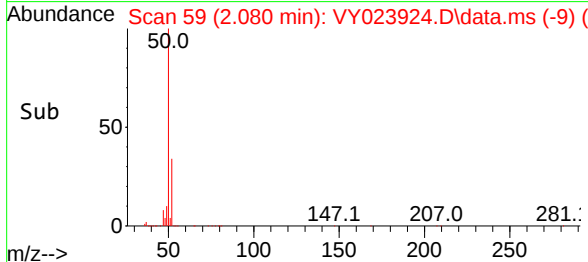
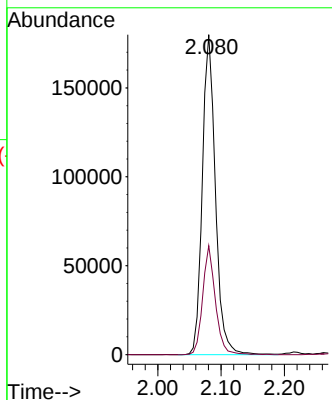
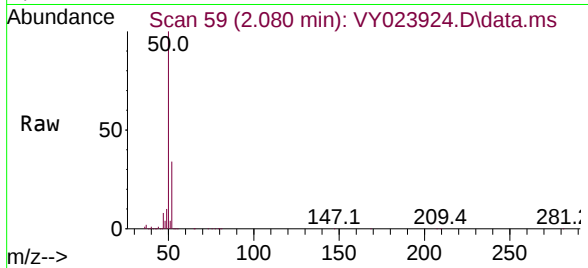




#3
Chloromethane
Concen: 54.417 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

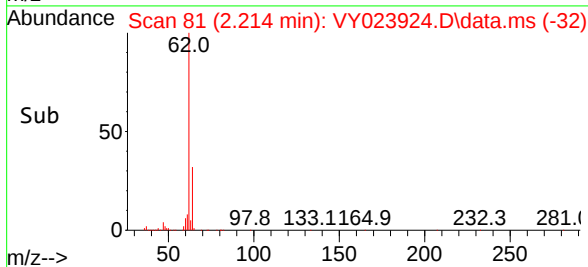
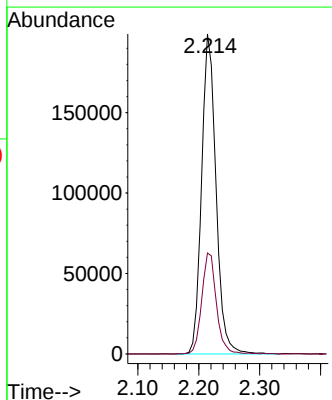
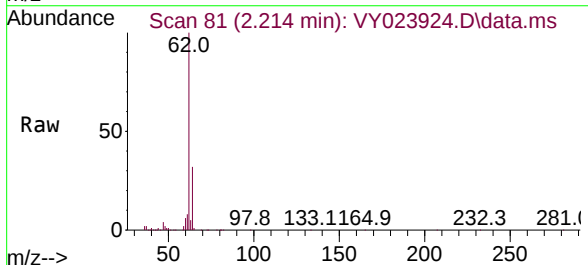
Instrument :
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ClientSampleId :
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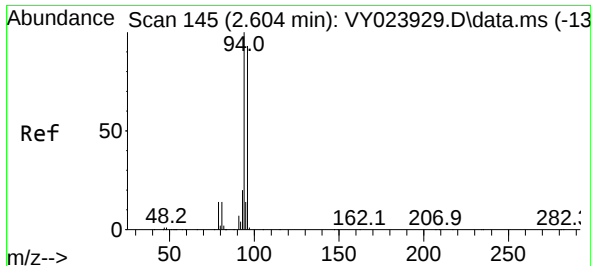
Tgt Ion: 50 Resp: 257223
Ion Ratio Lower Upper
50 100
52 34.0 25.8 38.8



#4
Vinyl Chloride
Concen: 55.801 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 62 Resp: 325927
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.4

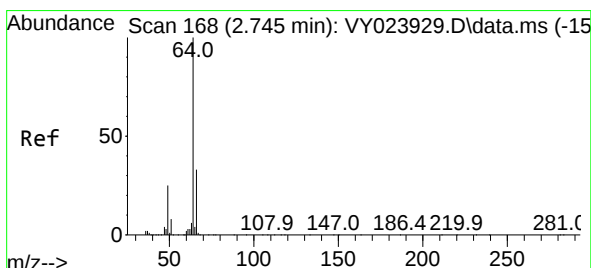
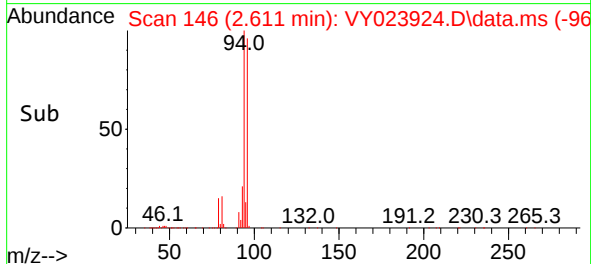
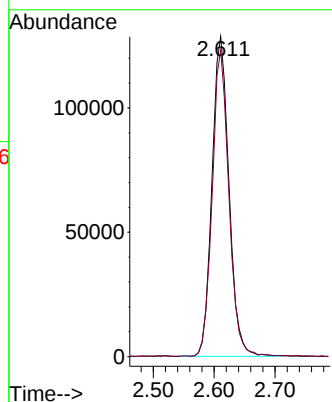
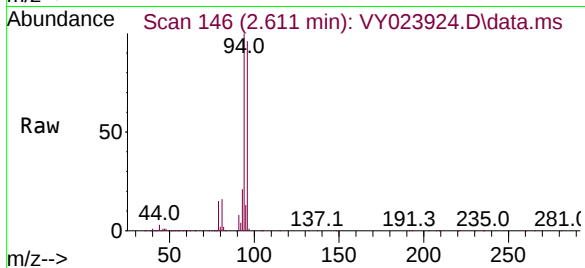




#5
Bromomethane
Concen: 50.099 ug/l
RT: 2.611 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

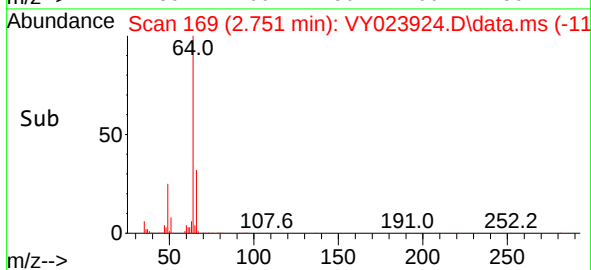
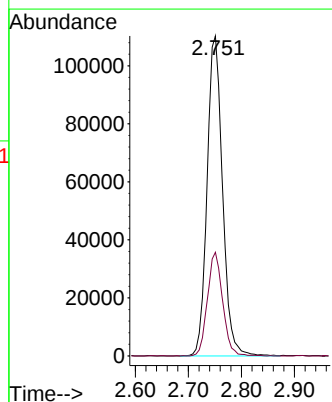
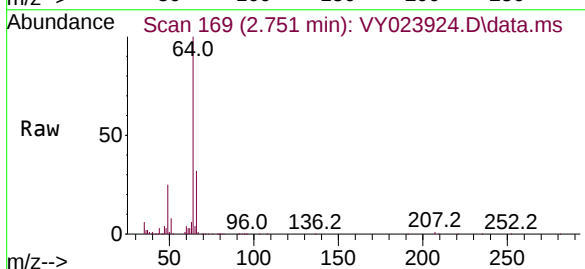
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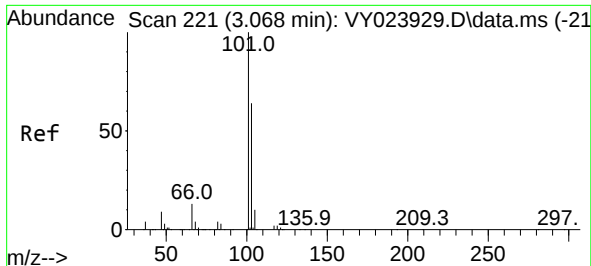
Tgt Ion: 94 Resp: 249137
Ion Ratio Lower Upper
94 100
96 95.7 74.8 112.2



#6
Chloroethane
Concen: 54.022 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 64 Resp: 222322
Ion Ratio Lower Upper
64 100
66 32.4 26.0 39.0

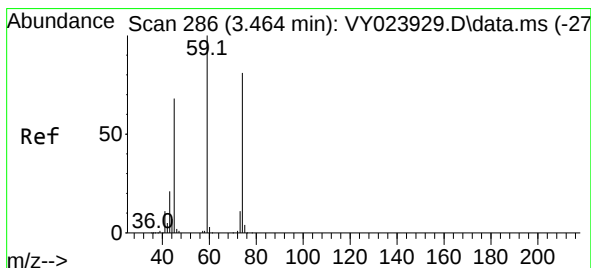
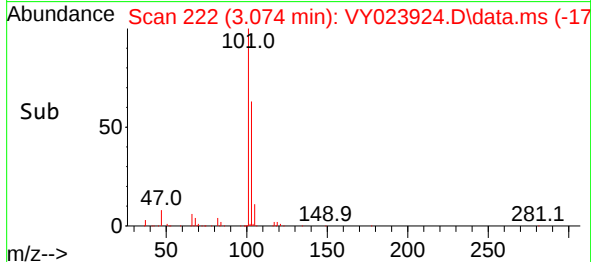
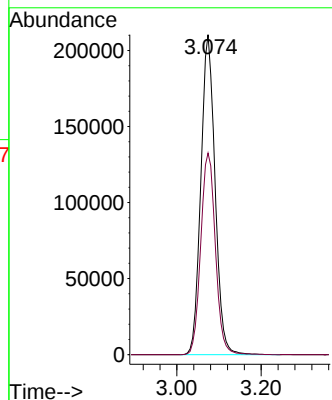
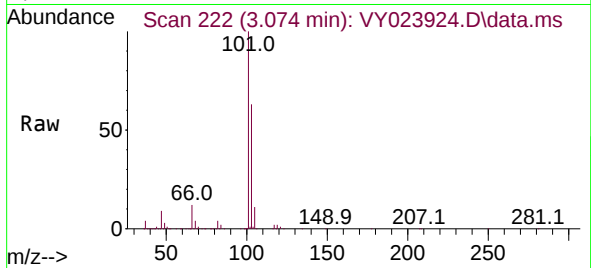




#7
Trichlorofluoromethane
Concen: 55.567 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

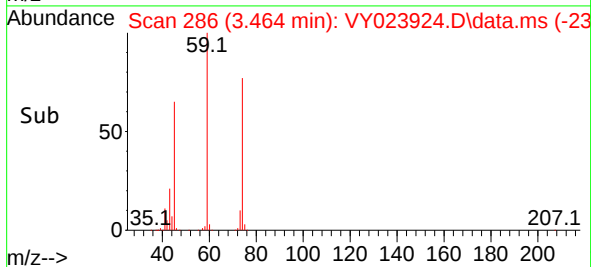
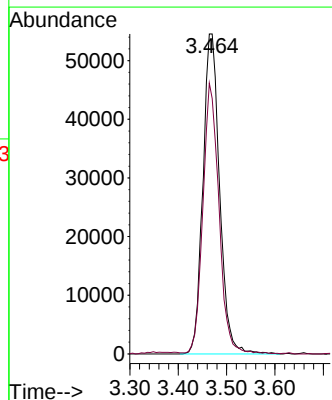
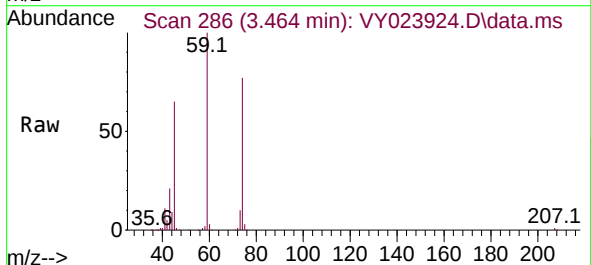
Instrument :
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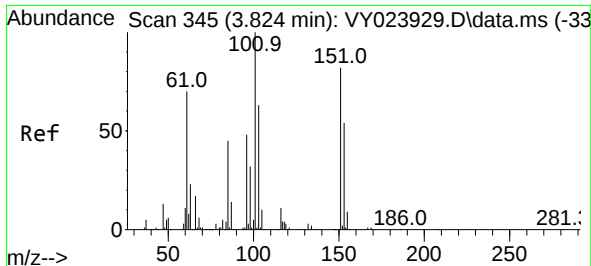
Tgt Ion:101 Resp: 488637
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2



#8
Diethyl Ether
Concen: 54.217 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 74 Resp: 130974
Ion Ratio Lower Upper
74 100
45 81.0 42.0 126.1

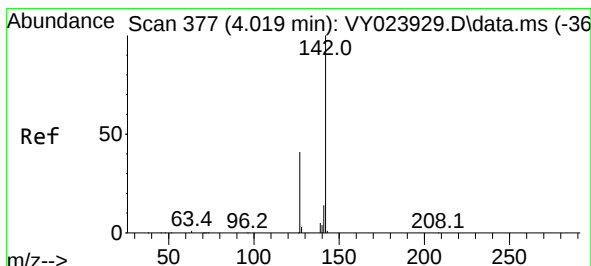
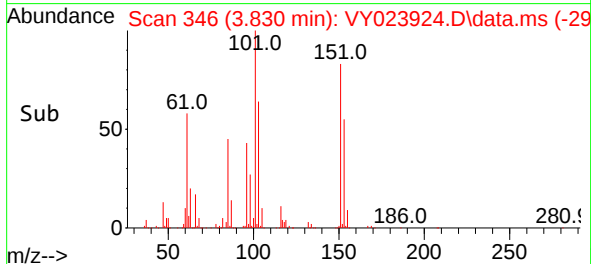
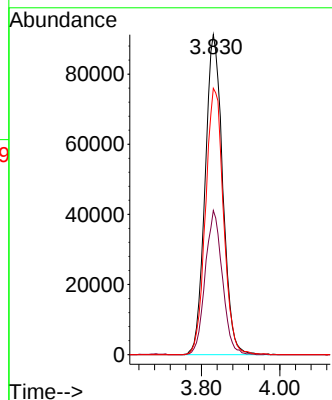
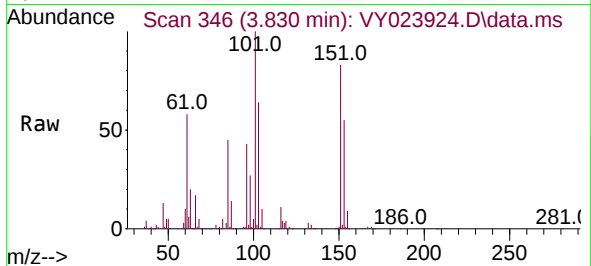




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.493 ug/l
RT: 3.830 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

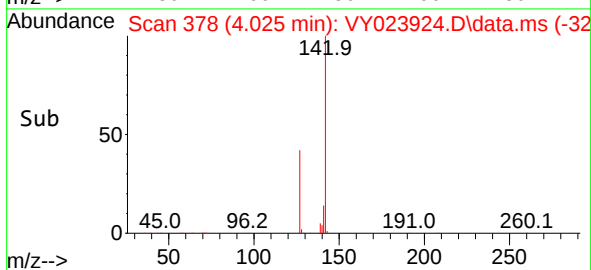
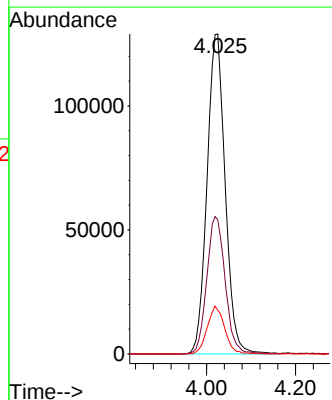
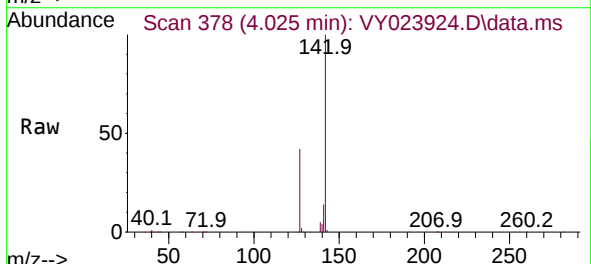
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

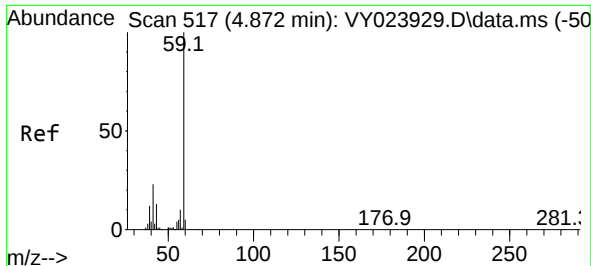
Tgt Ion:101 Resp: 284387
Ion Ratio Lower Upper
101 100
85 44.0 35.1 52.7
151 84.8 67.2 100.8



#10
Methyl Iodide
Concen: 57.676 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion:142 Resp: 364310
Ion Ratio Lower Upper
142 100
127 43.5 34.5 51.7
141 14.3 11.5 17.3





#11

Tert butyl alcohol

Concen: 239.129 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

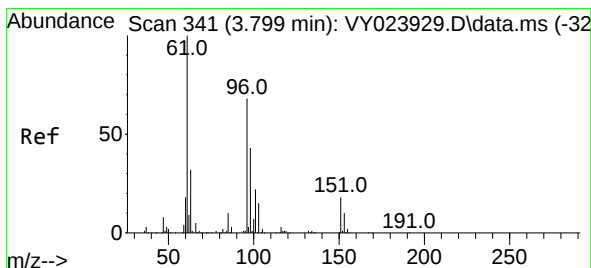
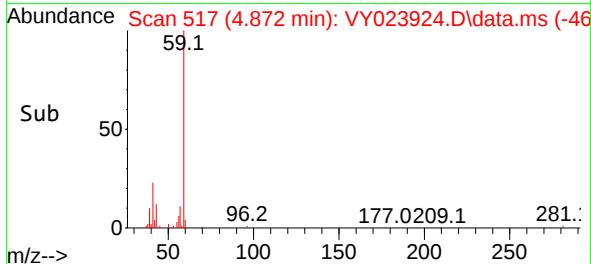
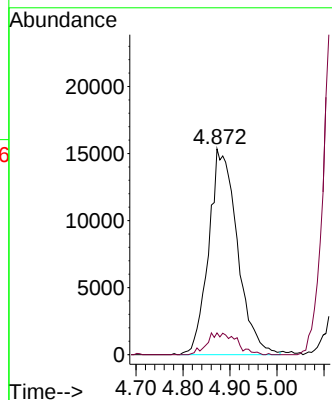
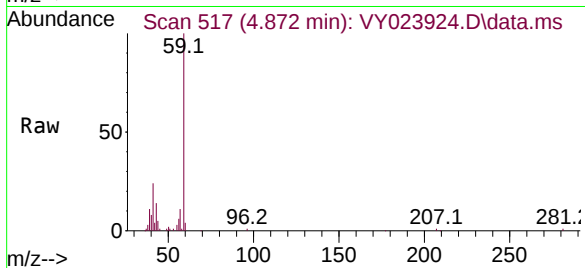
VSTDCCC050

Tgt Ion: 59 Resp: 64960

Ion Ratio Lower Upper

59 100

57 10.8 8.7 13.1



#12

1,1-Dichloroethene

Concen: 57.048 ug/l

RT: 3.806 min Scan# 342

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

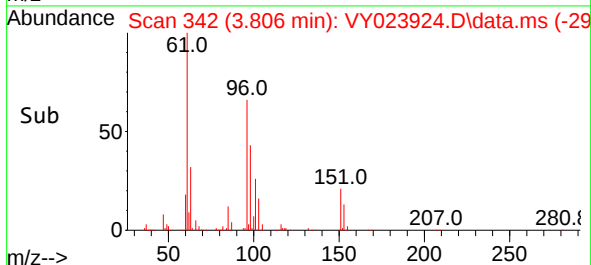
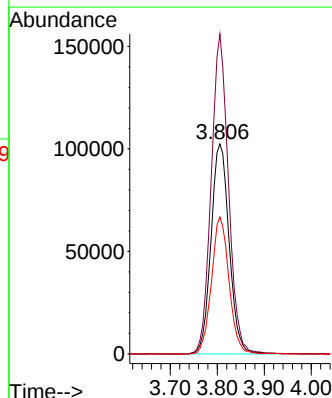
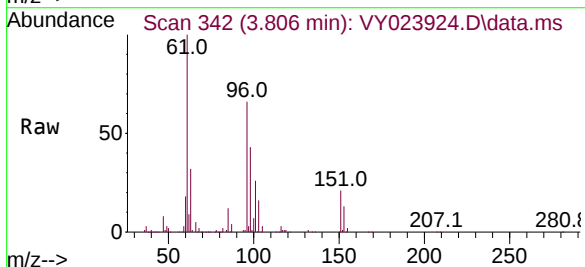
Tgt Ion: 96 Resp: 274687

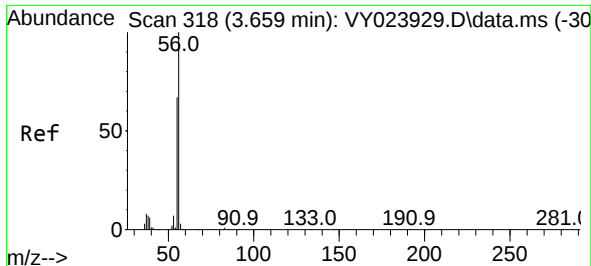
Ion Ratio Lower Upper

96 100

61 152.4 117.0 175.6

98 65.3 50.5 75.7

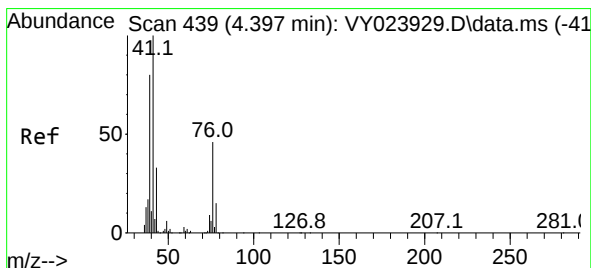
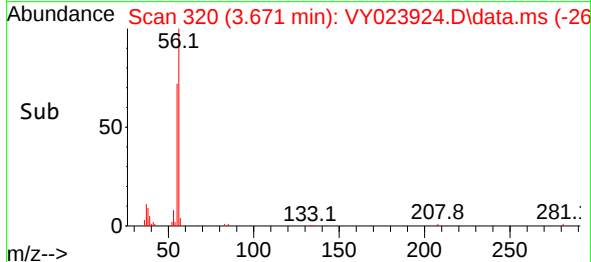
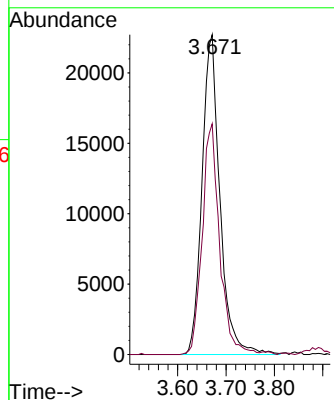
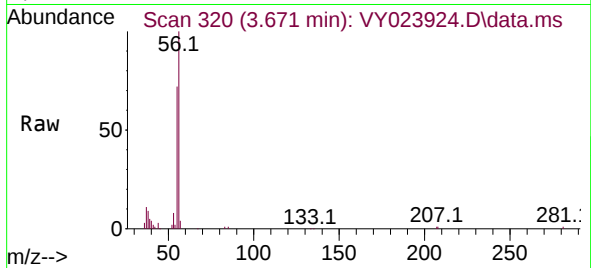




#13
Acrolein
Concen: 134.653 ug/l
RT: 3.671 min Scan# 318
Delta R.T. 0.012 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

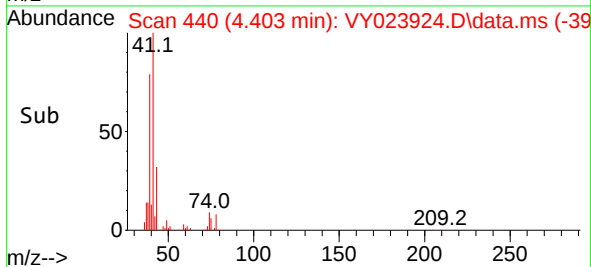
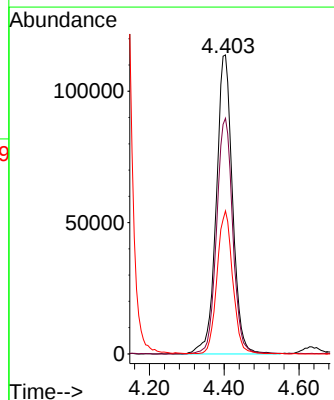
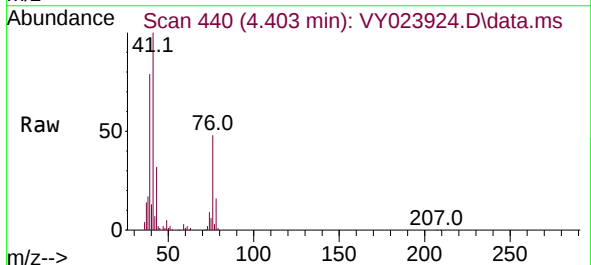
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

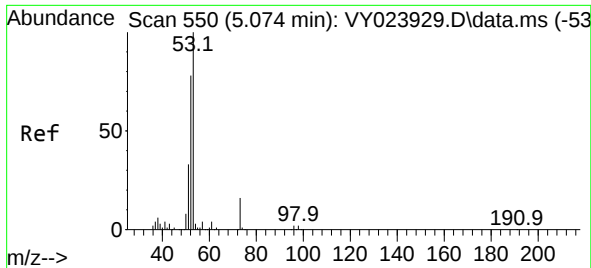
Tgt Ion: 56 Resp: 58503
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5



#14
Allyl chloride
Concen: 55.817 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 41 Resp: 343890
Ion Ratio Lower Upper
41 100
39 78.2 62.9 94.3
76 45.5 35.7 53.5

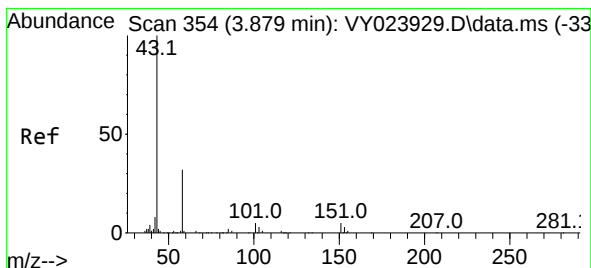
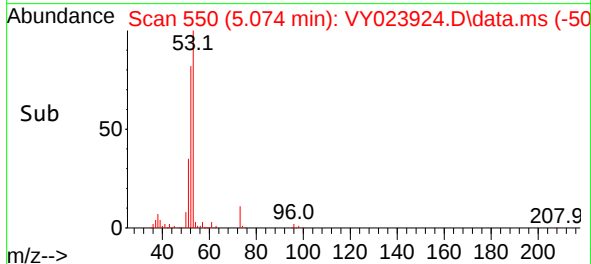
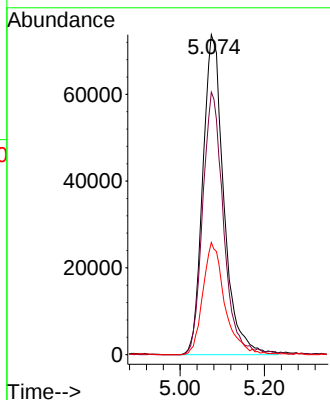
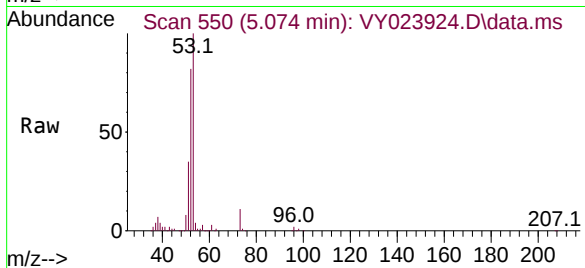




#15
Acrylonitrile
Concen: 264.609 ug/l
RT: 5.074 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

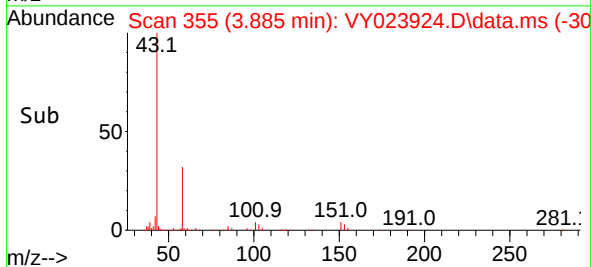
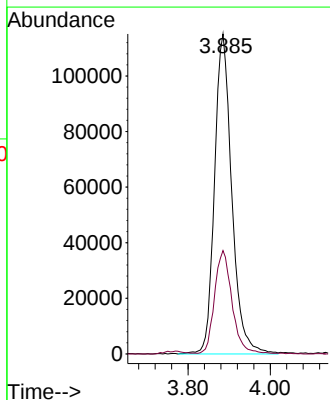
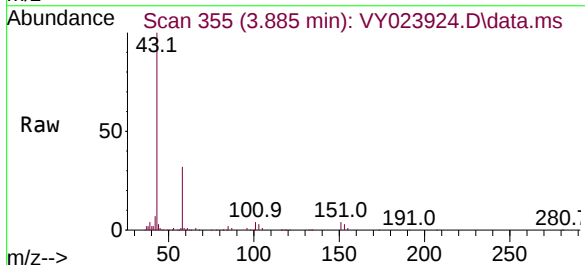
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

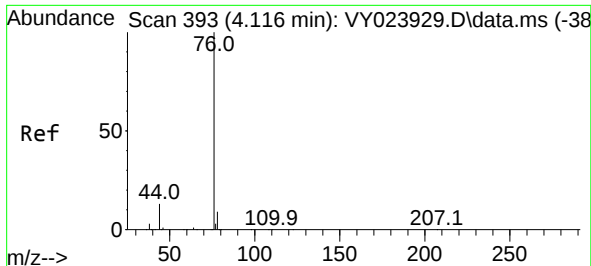
Tgt Ion: 53 Resp: 254685
Ion Ratio Lower Upper
53 100
52 80.8 64.2 96.2
51 36.6 29.3 43.9



#16
Acetone
Concen: 280.710 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 43 Resp: 335540
Ion Ratio Lower Upper
43 100
58 32.1 26.4 39.6

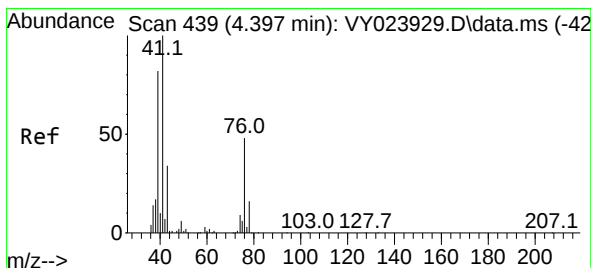
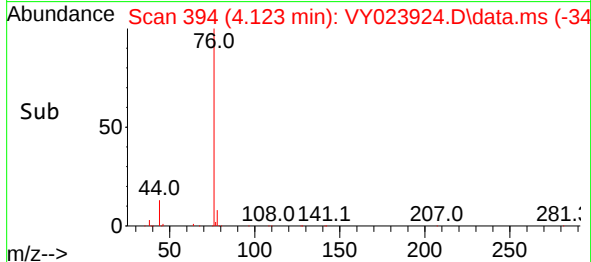
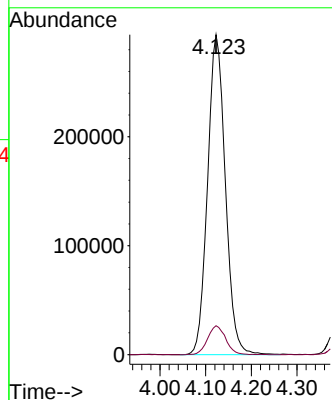
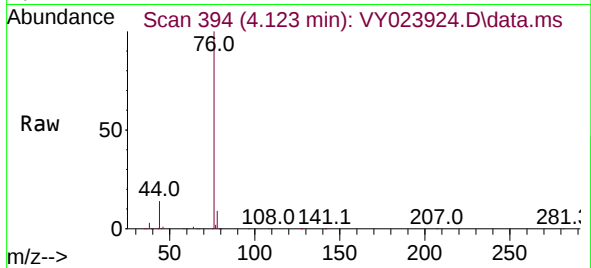




#17
Carbon Disulfide
Concen: 62.058 ug/l
RT: 4.123 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

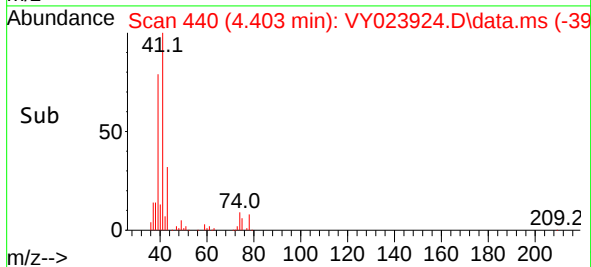
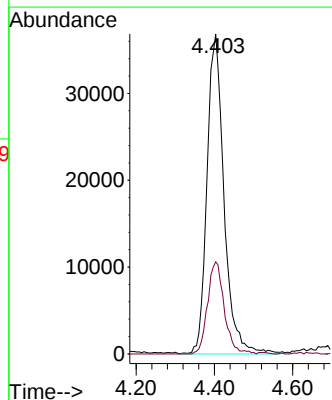
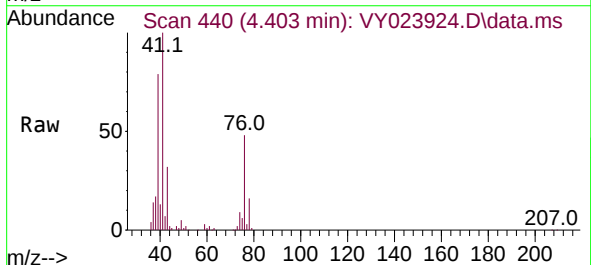
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

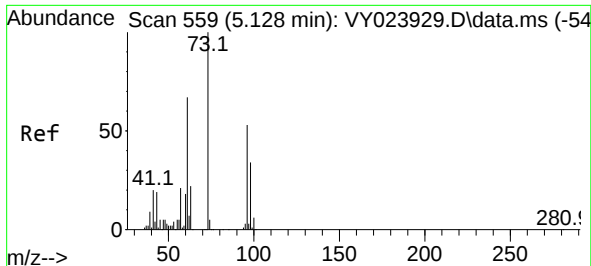
Tgt Ion: 76 Resp: 793527
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 52.454 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 43 Resp: 111334
Ion Ratio Lower Upper
43 100
74 28.2 22.6 33.8

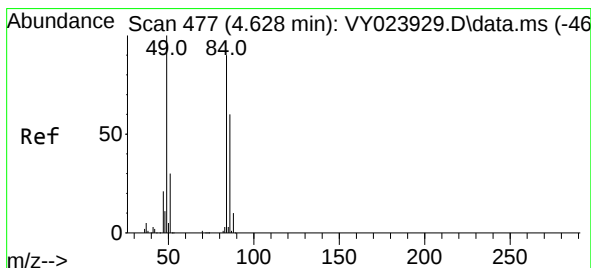
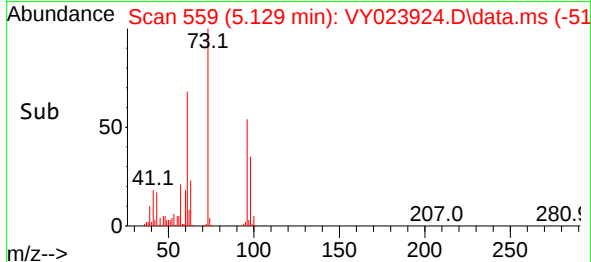
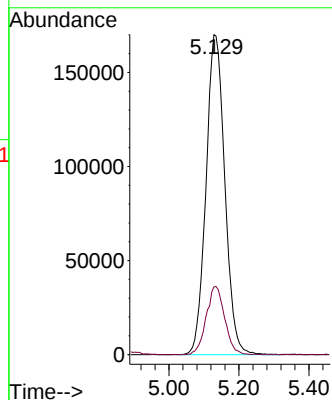
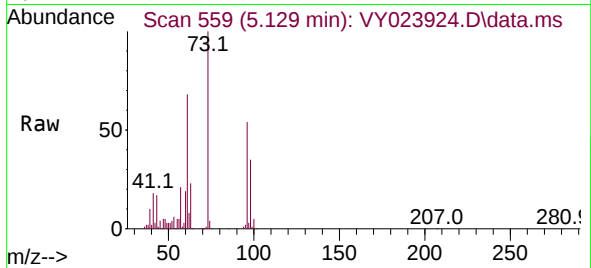




#19
Methyl tert-butyl Ether
Concen: 55.084 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

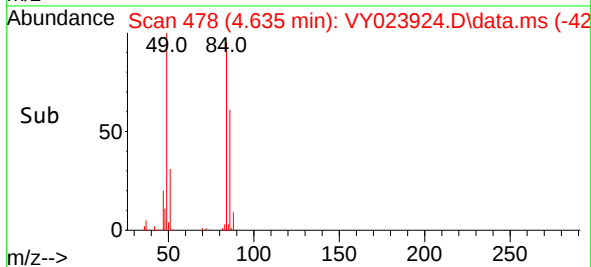
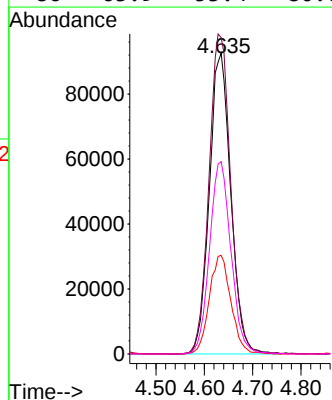
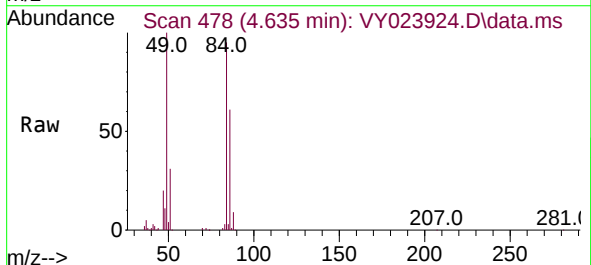
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

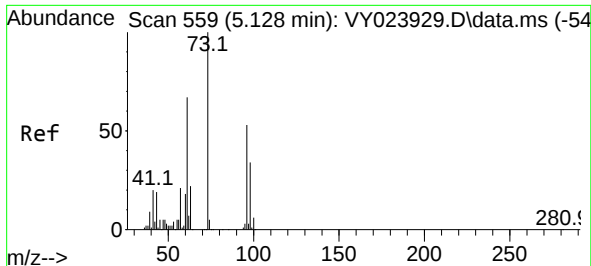
Tgt Ion: 73 Resp: 634268
Ion Ratio Lower Upper
73 100
57 21.2 17.1 25.7



#20
Methylene Chloride
Concen: 51.524 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 84 Resp: 284356
Ion Ratio Lower Upper
84 100
49 105.2 89.1 133.7
51 32.8 26.6 39.8
86 63.9 53.4 80.0

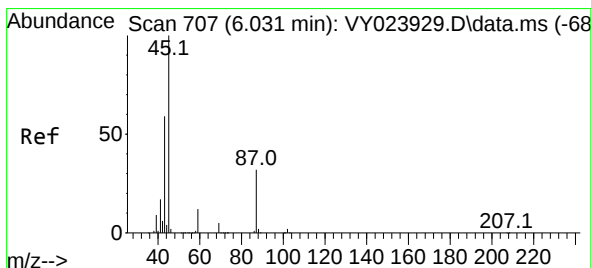
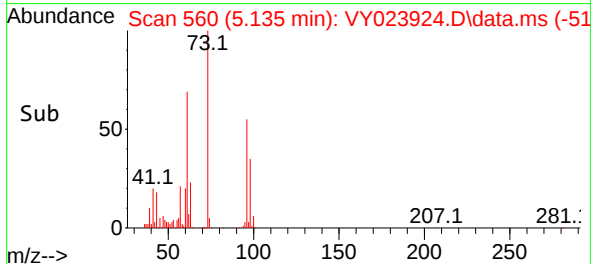
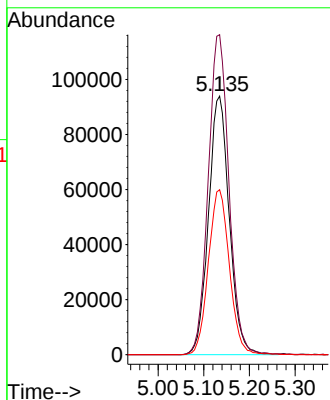
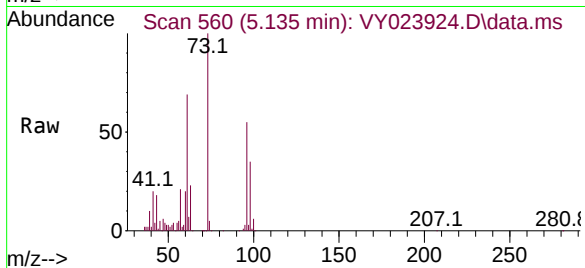




#21
trans-1,2-Dichloroethene
Concen: 56.157 ug/l
RT: 5.135 min Scan# 501
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

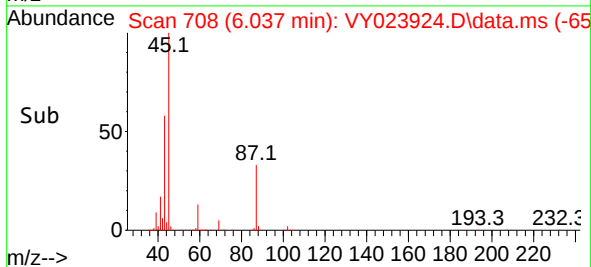
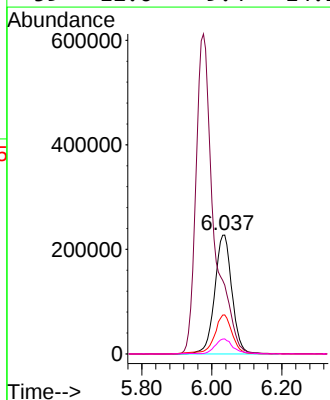
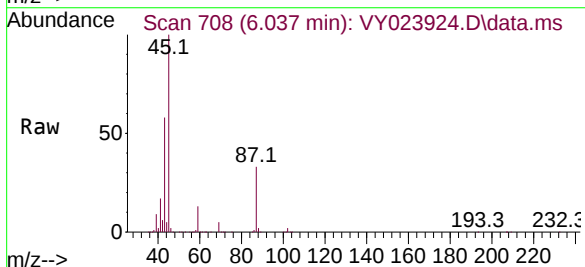
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

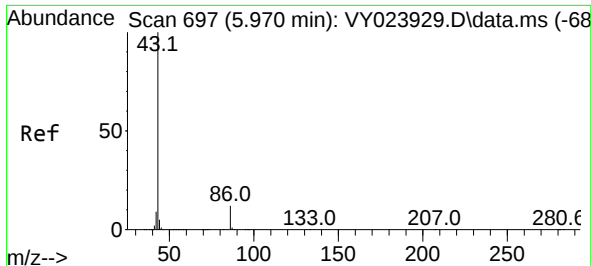
Tgt Ion: 96 Resp: 296843
Ion Ratio Lower Upper
96 100
61 123.8 101.4 152.0
98 63.8 51.7 77.5



#22
Diisopropyl ether
Concen: 55.148 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 45 Resp: 773677
Ion Ratio Lower Upper
45 100
43 57.8 47.0 70.6
87 32.7 26.0 39.0
59 12.6 9.4 14.2

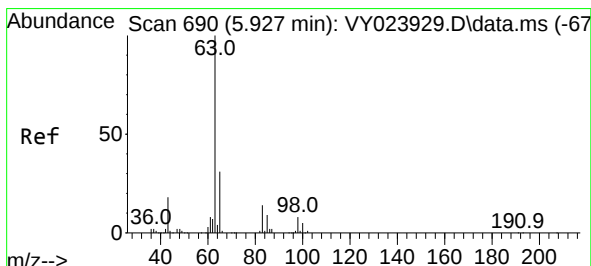
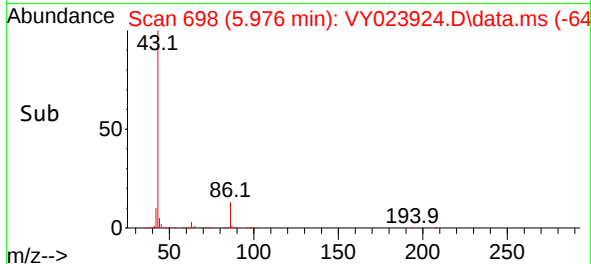
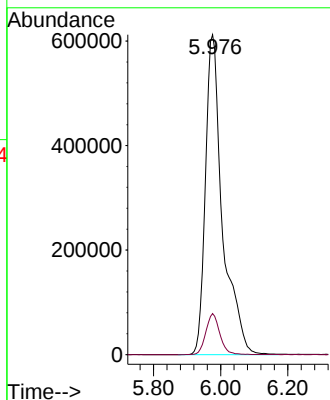
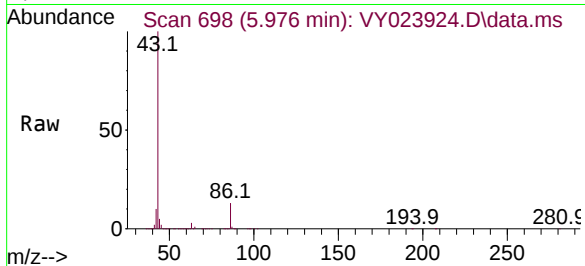




#23
 Vinyl Acetate
 Concen: 277.757 ug/l
 RT: 5.976 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY023924.D
 Acq: 10 Dec 2025 08:01

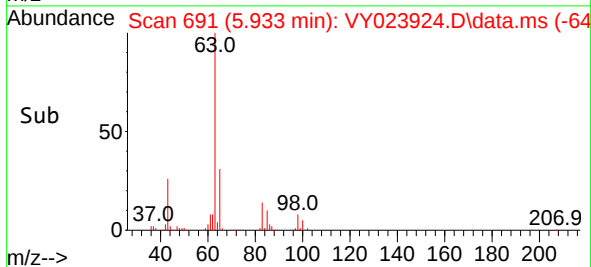
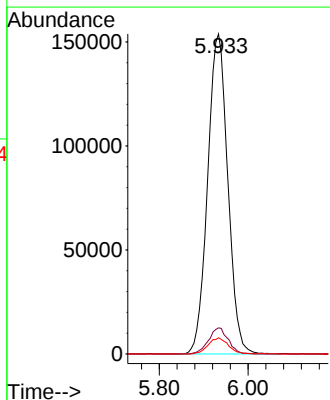
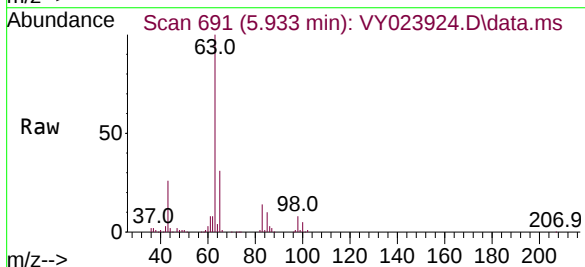
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

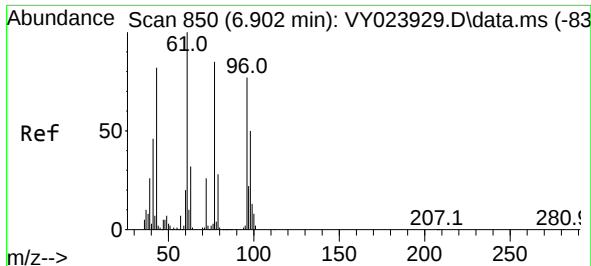
Tgt Ion: 43 Resp: 2165136
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 55.263 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY023924.D
 Acq: 10 Dec 2025 08:01

Tgt Ion: 63 Resp: 483238
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.4
 100 5.0 2.3 6.9





#25

2-Butanone

Concen: 253.745 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

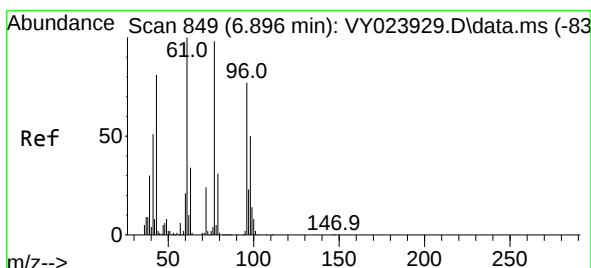
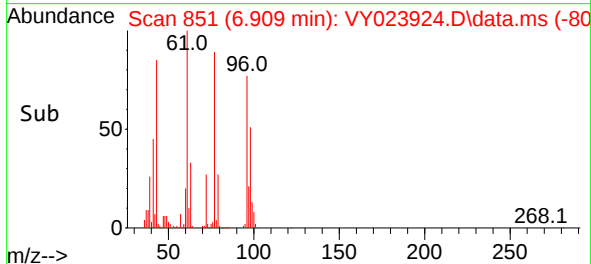
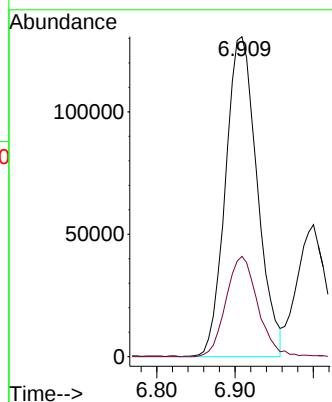
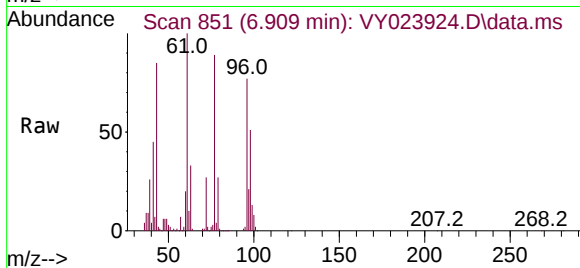
VSTDCCC050

Tgt Ion: 43 Resp: 367872

Ion Ratio Lower Upper

43 100

72 31.3 25.0 37.6



#26

2,2-Dichloropropane

Concen: 55.759 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023924.D

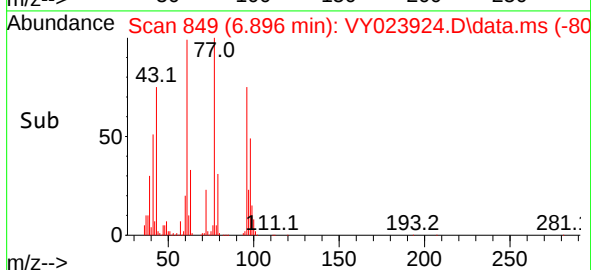
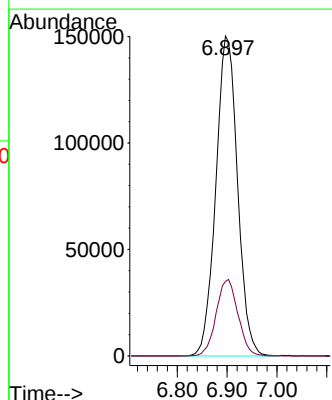
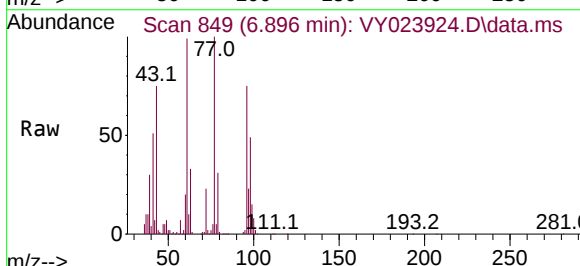
Acq: 10 Dec 2025 08:01

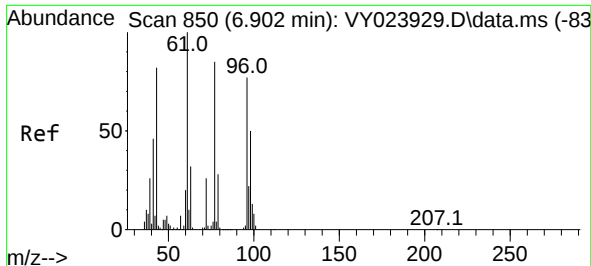
Tgt Ion: 77 Resp: 455257

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.9

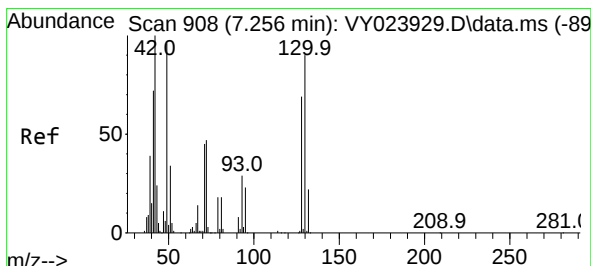
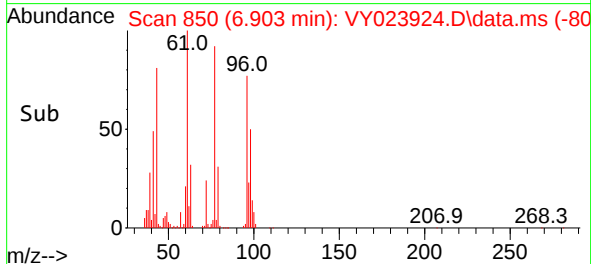
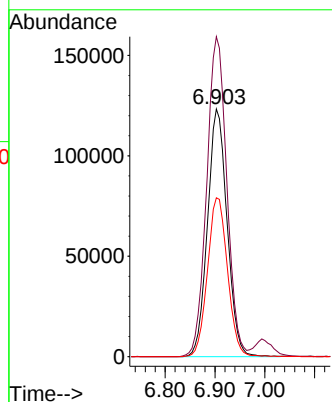
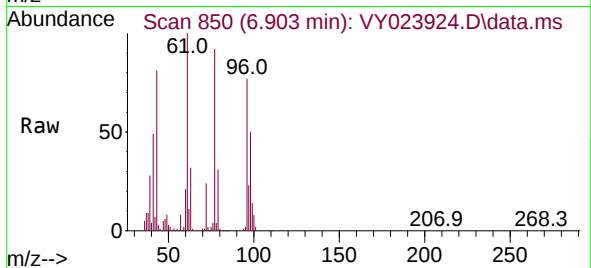




#27
 cis-1,2-Dichloroethene
 Concen: 55.422 ug/l
 RT: 6.903 min Scan# 850
 Delta R.T. 0.000 min
 Lab File: VY023924.D
 Acq: 10 Dec 2025 08:01

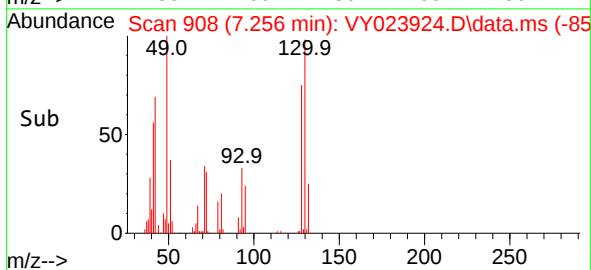
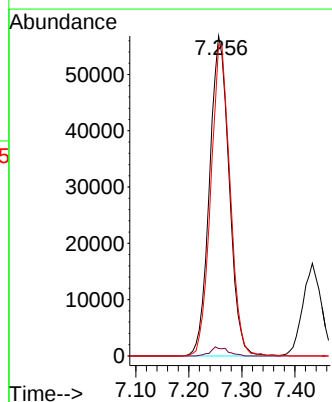
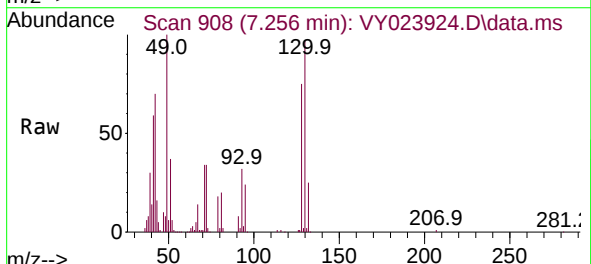
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

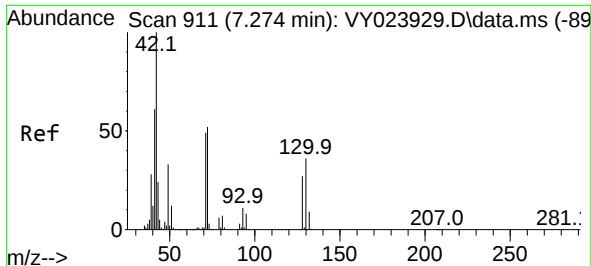
Tgt Ion: 96 Resp: 336300
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 264.6
 98 65.5 0.0 129.6



#28
 Bromochloromethane
 Concen: 44.356 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.000 min
 Lab File: VY023924.D
 Acq: 10 Dec 2025 08:01

Tgt Ion: 49 Resp: 146121
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.4
 130 95.4 74.4 111.6





#29

Tetrahydrofuran

Concen: 268.365 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

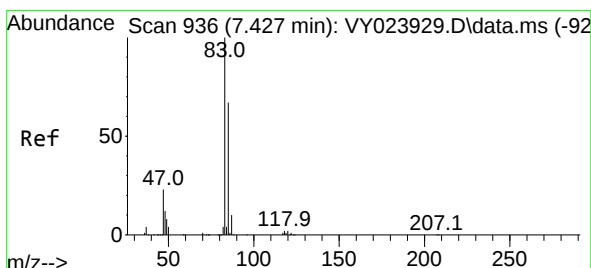
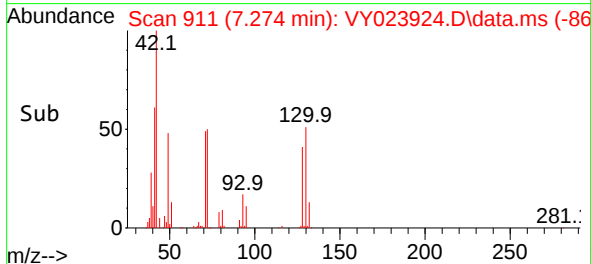
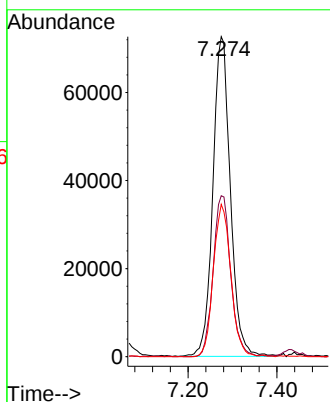
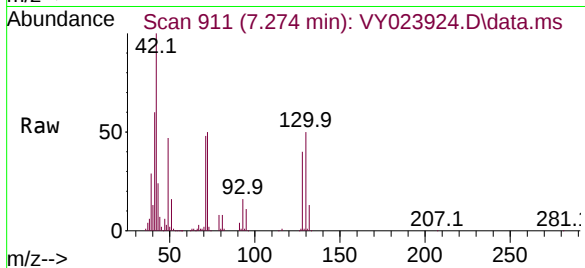
Tgt Ion: 42 Resp: 198423

Ion Ratio Lower Upper

42 100

72 50.6 40.0 60.0

71 47.6 37.7 56.5



#30

Chloroform

Concen: 54.666 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY023924.D

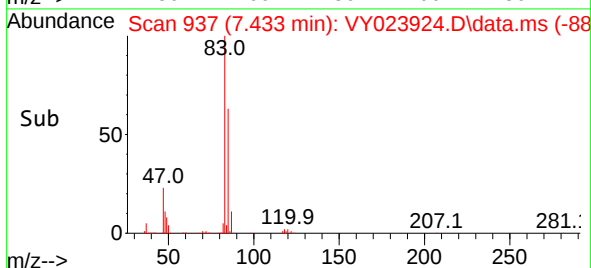
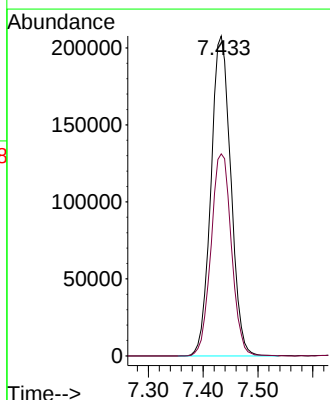
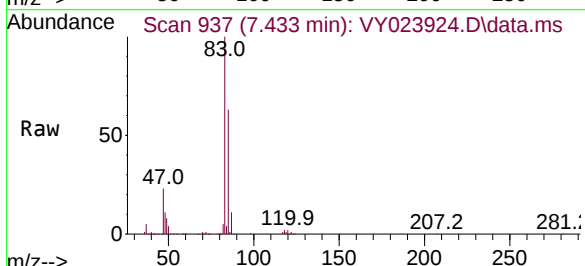
Acq: 10 Dec 2025 08:01

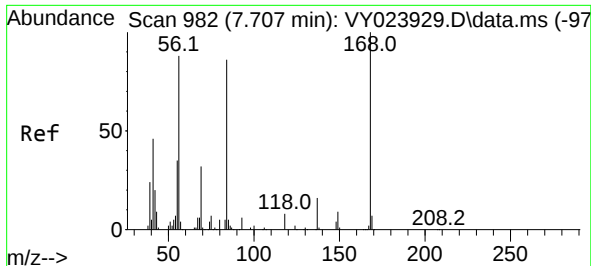
Tgt Ion: 83 Resp: 522159

Ion Ratio Lower Upper

83 100

85 63.1 53.4 80.0

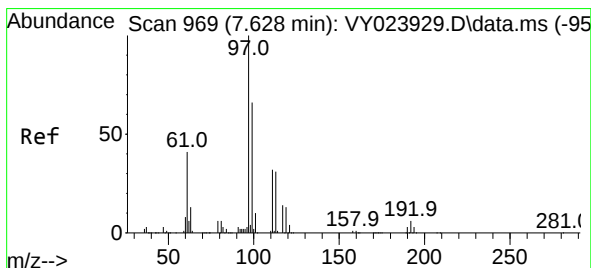
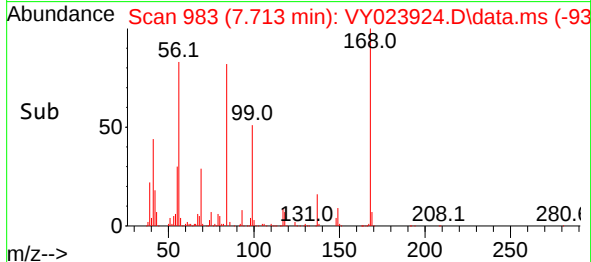
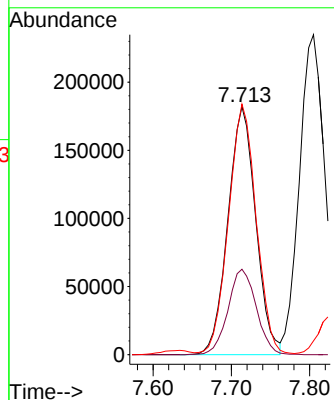
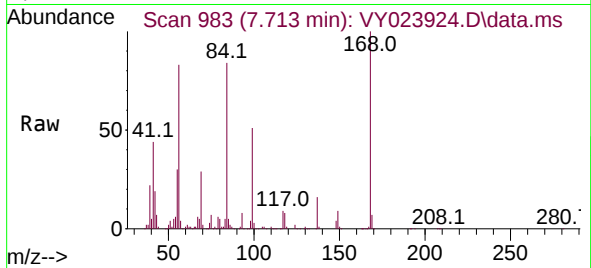




#31
Cyclohexane
Concen: 55.847 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

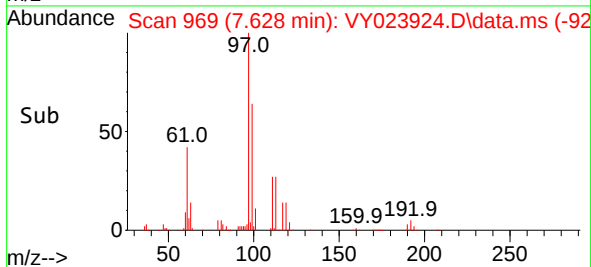
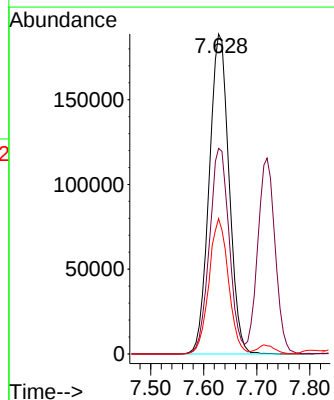
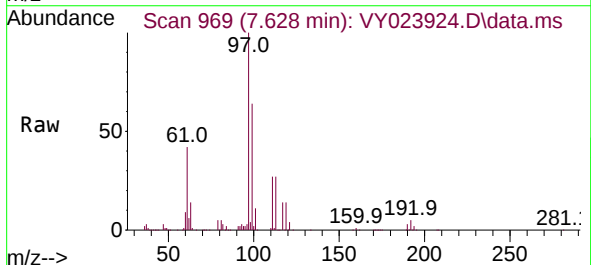
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

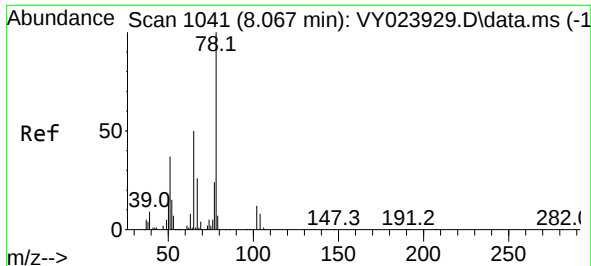
Tgt Ion: 56 Resp: 449300
Ion Ratio Lower Upper
56 100
69 34.4 29.1 43.7
84 99.3 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 55.252 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 97 Resp: 489403
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 41.4 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 44.462 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

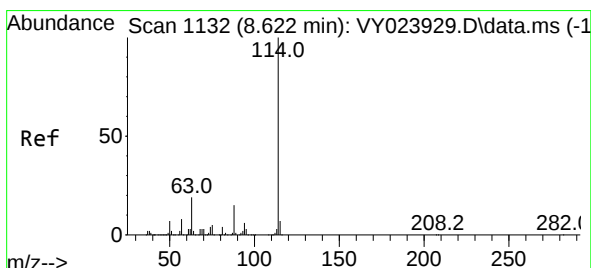
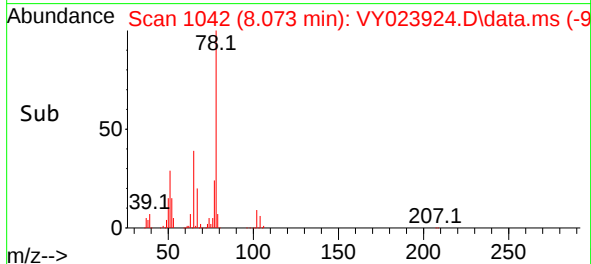
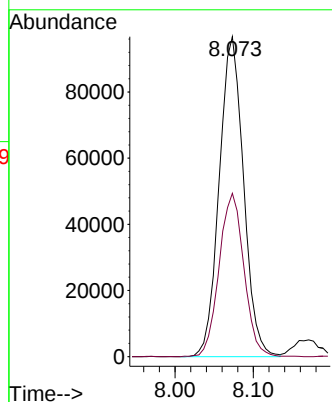
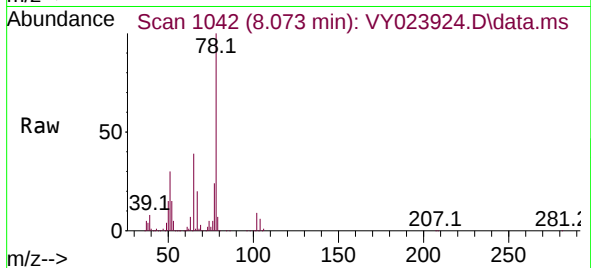
VSTDCCC050

Tgt Ion: 65 Resp: 208581

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

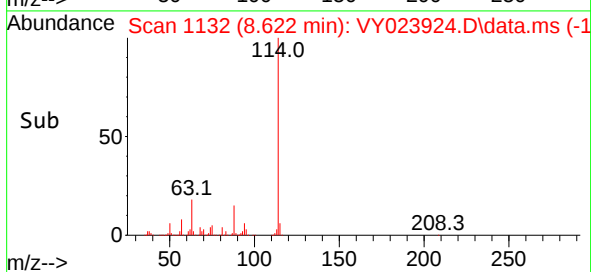
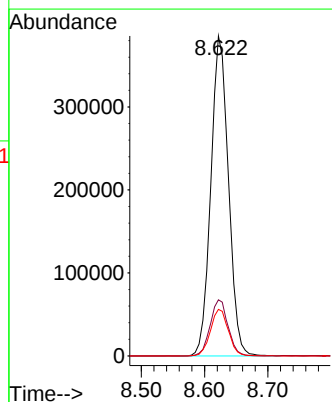
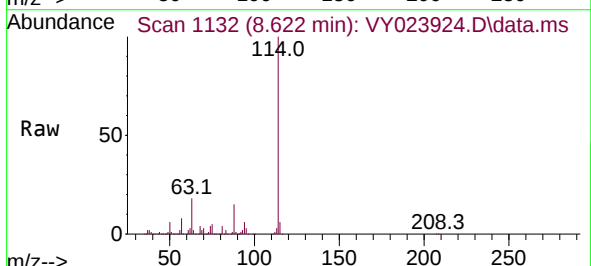
Tgt Ion: 114 Resp: 745203

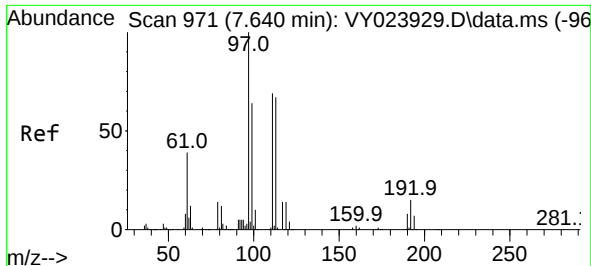
Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.2

88 14.5 0.0 29.4

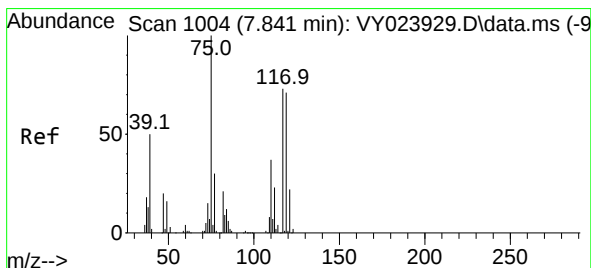
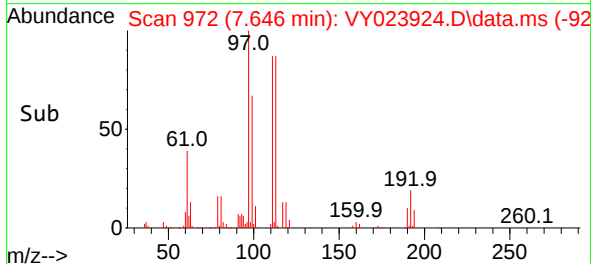
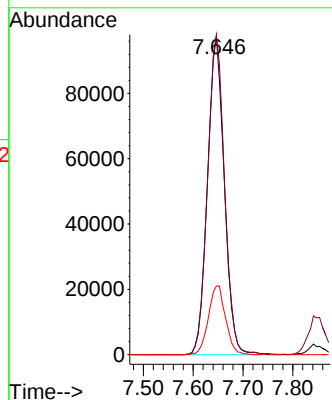
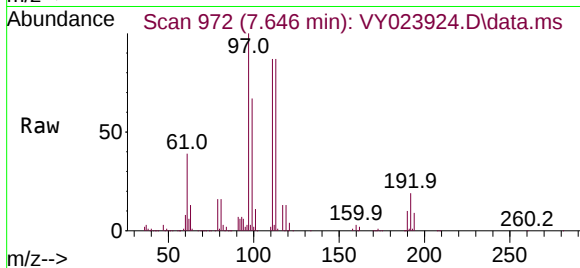




#35
Dibromofluoromethane
Concen: 46.821 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

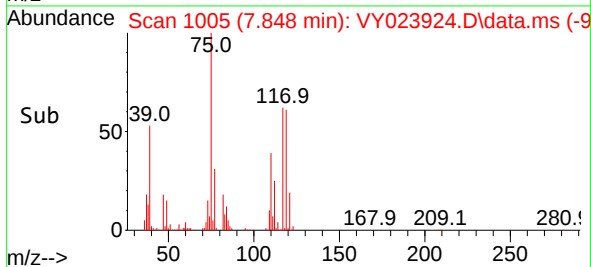
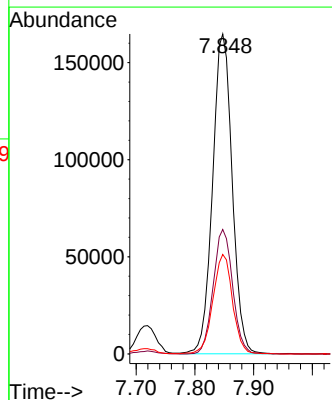
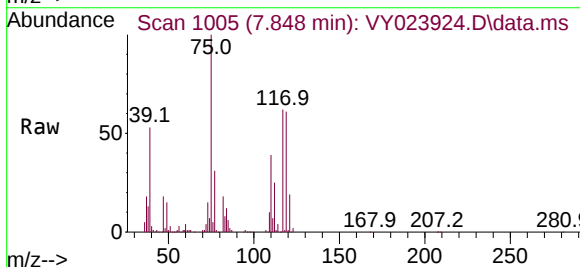
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

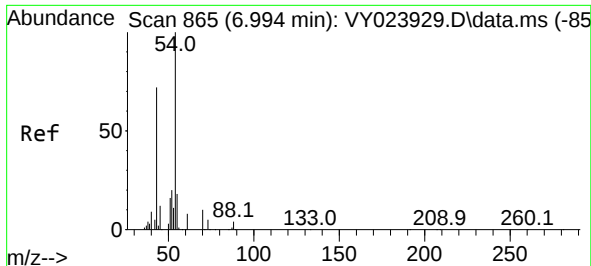
Tgt Ion:113 Resp: 228077
Ion Ratio Lower Upper
113 100
111 101.6 82.4 123.6
192 22.0 17.9 26.9



#36
1,1-Dichloropropene
Concen: 57.607 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 75 Resp: 382040
Ion Ratio Lower Upper
75 100
110 38.6 19.2 57.6
77 31.1 24.4 36.6

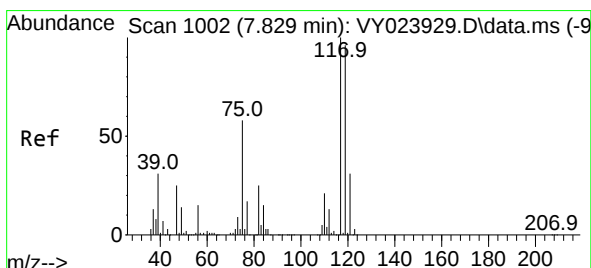
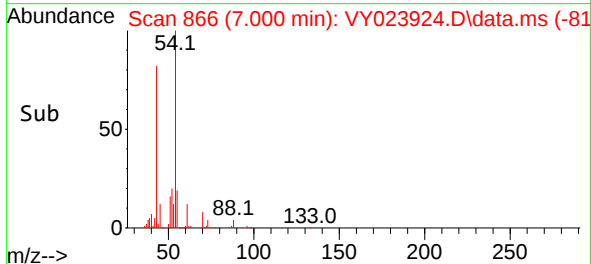
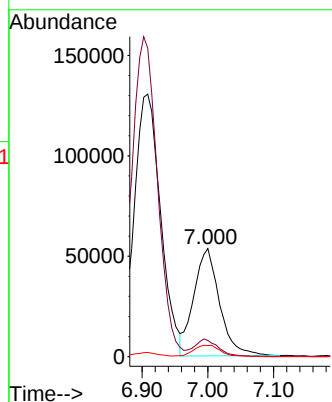
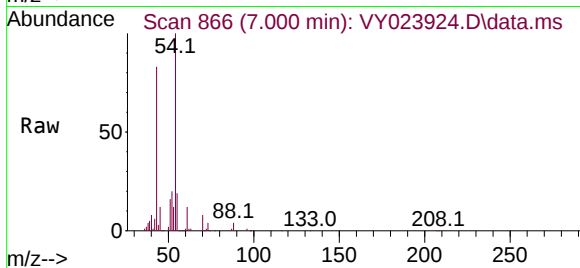




#37
Ethyl Acetate
Concen: 54.121 ug/l
RT: 7.000 min Scan# 866
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

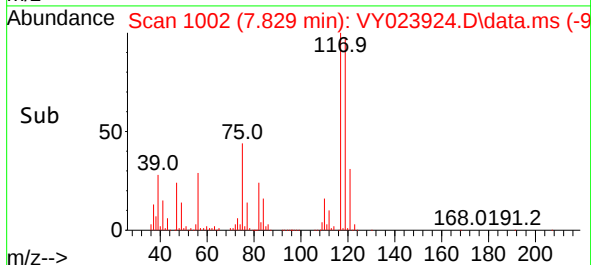
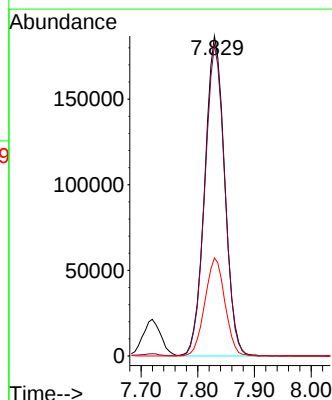
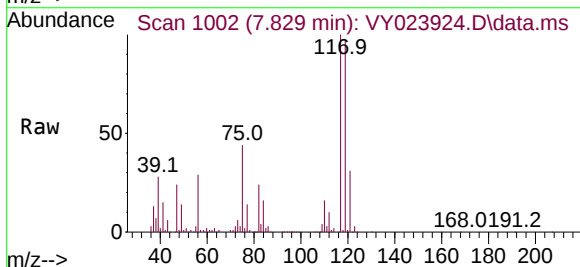
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

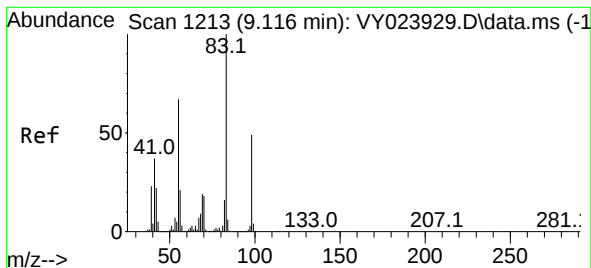
Tgt Ion: 43 Resp: 146157
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 11.2 9.2 13.8



#38
Carbon Tetrachloride
Concen: 56.745 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 117 Resp: 456142
Ion Ratio Lower Upper
117 100
119 97.2 76.6 114.8
121 30.6 24.8 37.2





#39

Methylcyclohexane

Concen: 59.597 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

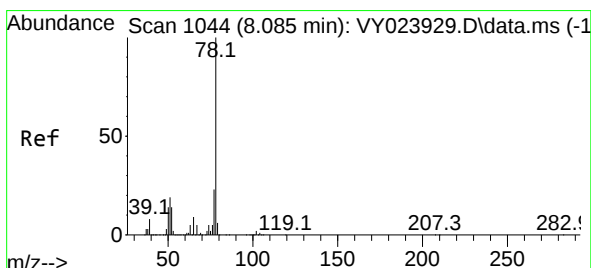
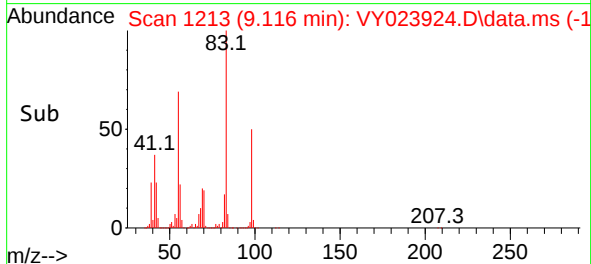
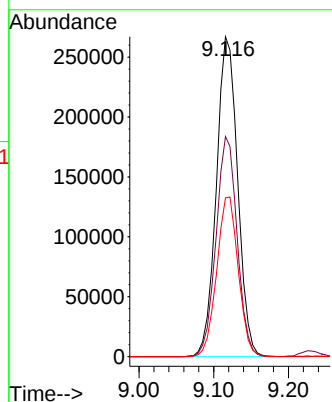
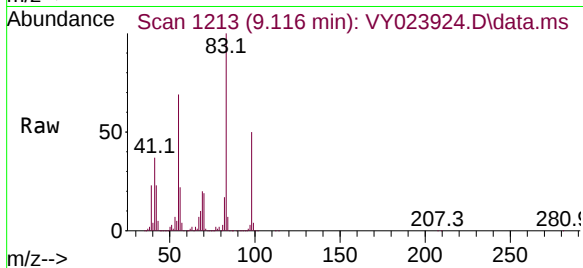
Tgt Ion: 83 Resp: 528052

Ion Ratio Lower Upper

83 100

55 68.8 53.4 80.0

98 49.6 39.2 58.8



#40

Benzene

Concen: 56.821 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY023924.D

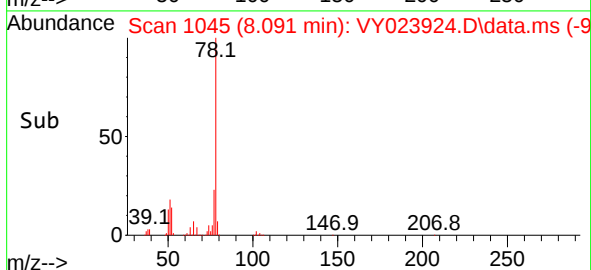
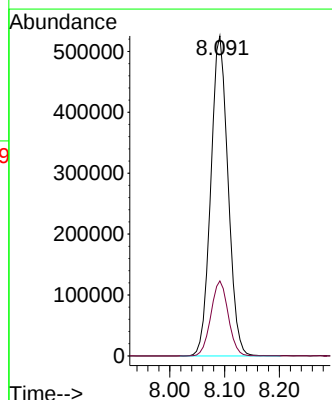
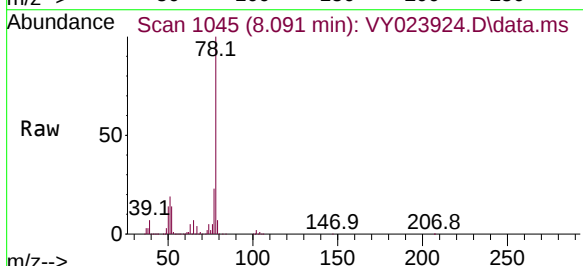
Acq: 10 Dec 2025 08:01

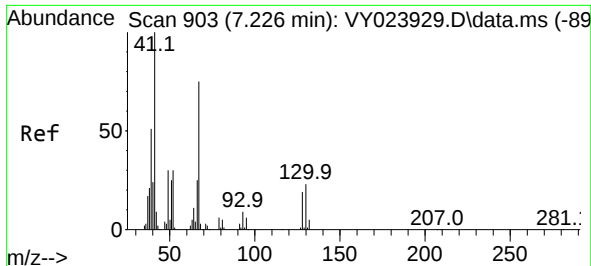
Tgt Ion: 78 Resp: 1147527

Ion Ratio Lower Upper

78 100

77 23.4 18.3 27.5

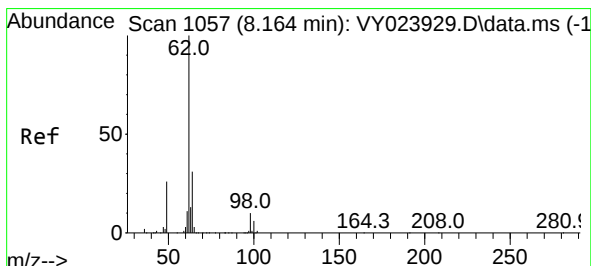
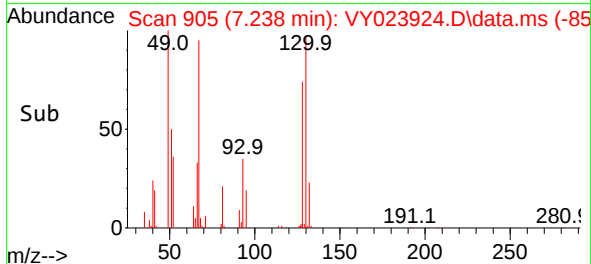
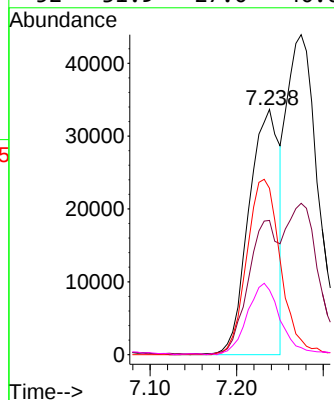
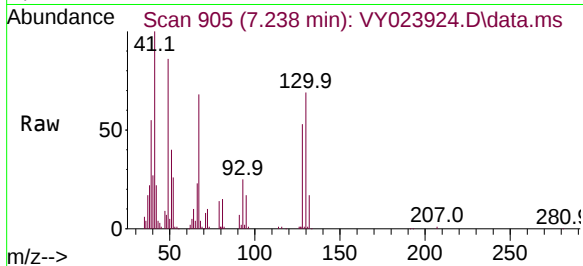




#41
Methacrylonitrile
Concen: 55.595 ug/l
RT: 7.238 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

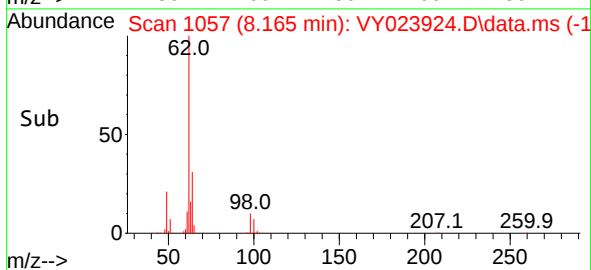
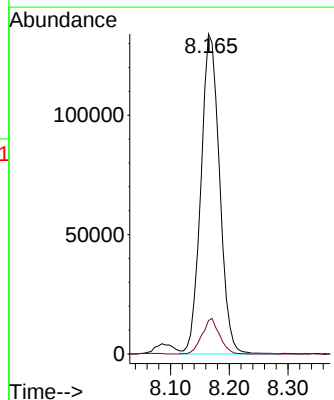
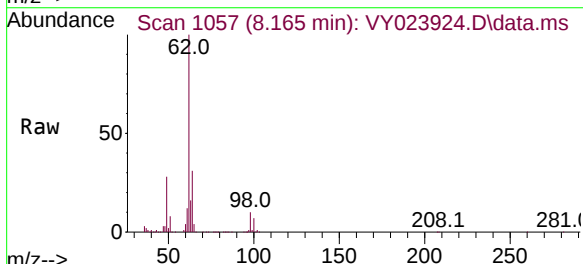
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

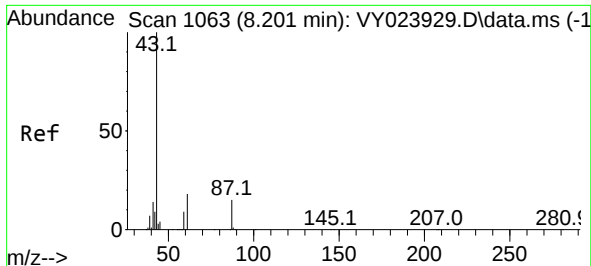
Tgt Ion:	41	Resp:	82595
Ion	Ratio	Lower	Upper
41	100		
39	54.4	50.6	75.8
67	79.3	68.0	102.0
52	31.9	27.0	40.6



#42
1,2-Dichloroethane
Concen: 55.788 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion:	62	Resp:	295455
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8

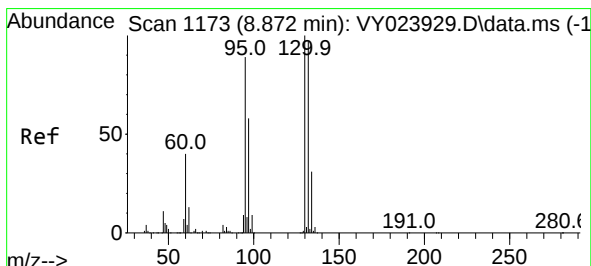
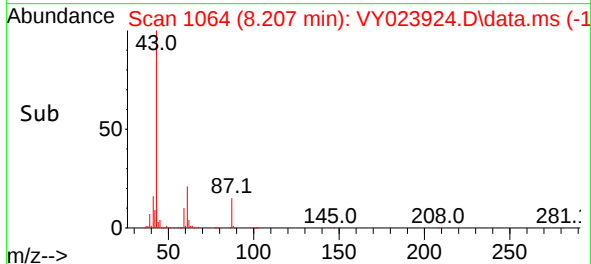
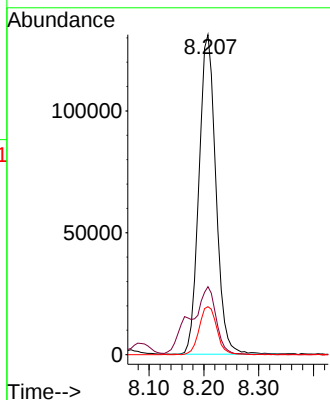
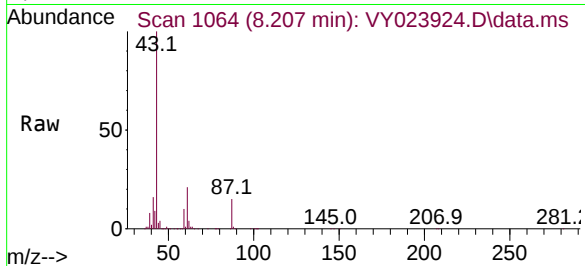




#43
Isopropyl Acetate
Concen: 55.336 ug/l
RT: 8.207 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

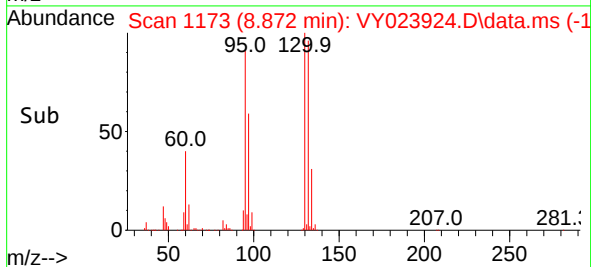
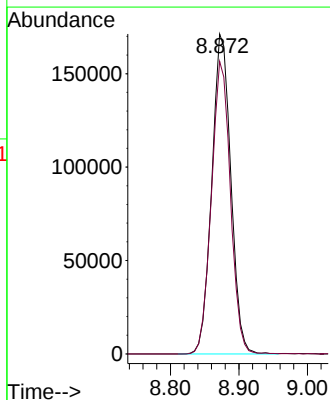
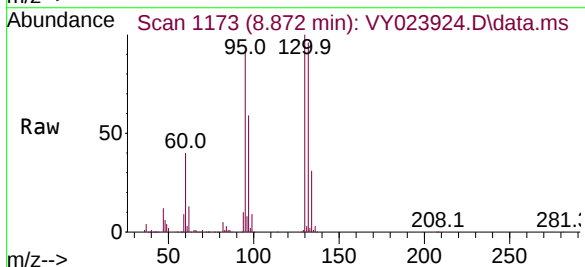
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

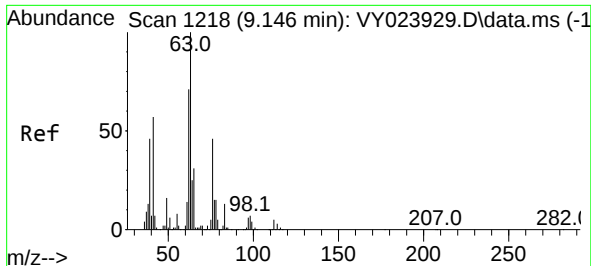
Tgt Ion: 43 Resp: 281448
Ion Ratio Lower Upper
43 100
61 20.7 17.4 26.2
87 15.6 12.3 18.5



#44
Trichloroethene
Concen: 56.532 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 130 Resp: 331042
Ion Ratio Lower Upper
130 100
95 91.4 0.0 178.8

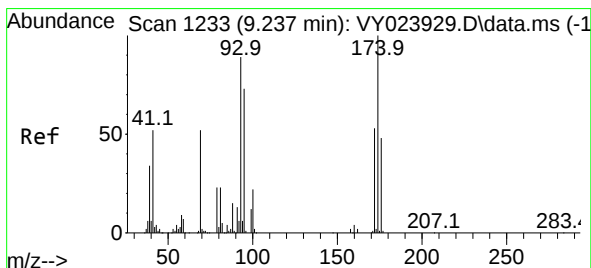
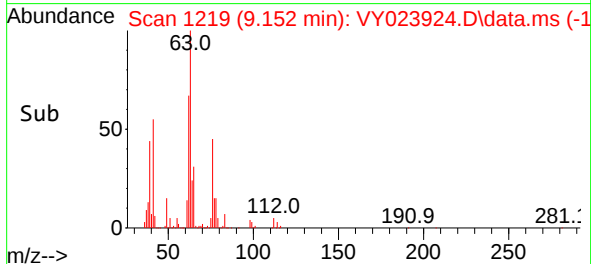
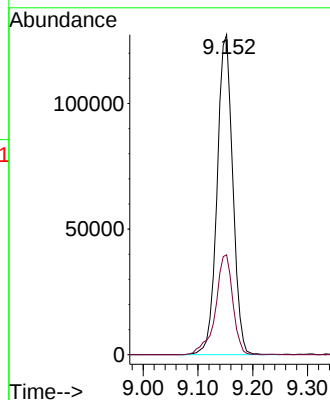
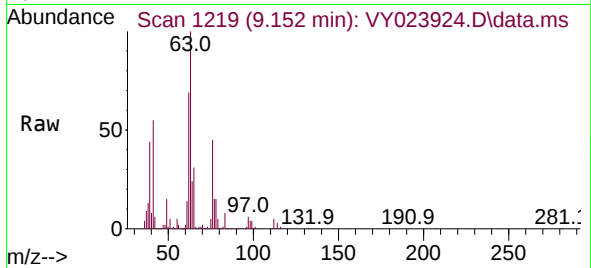




#45
1,2-Dichloropropane
Concen: 55.387 ug/l
RT: 9.152 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

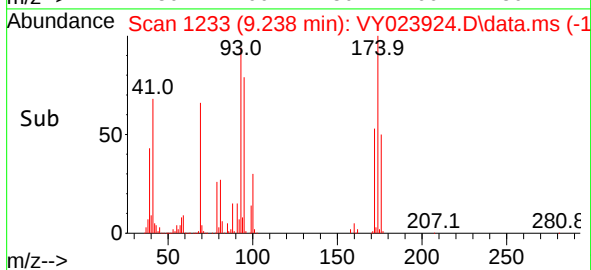
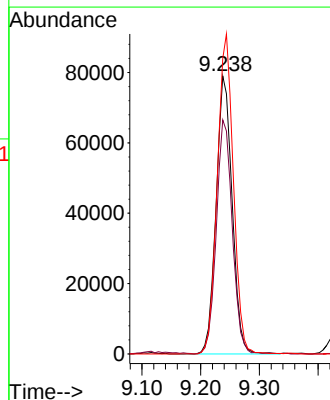
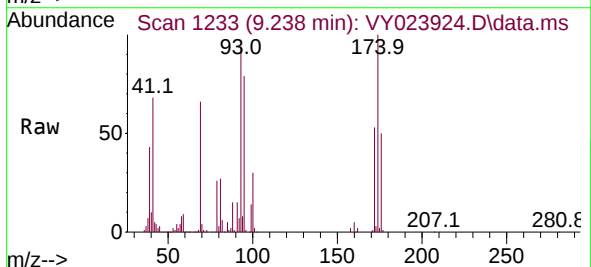
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

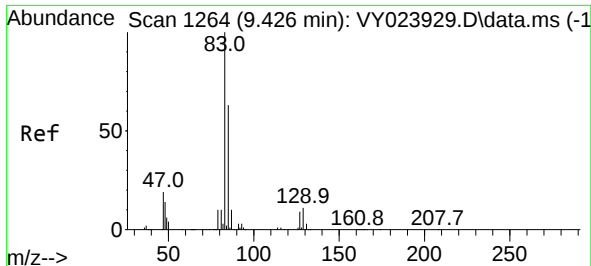
Tgt Ion: 63 Resp: 252379
Ion Ratio Lower Upper
63 100
65 31.2 25.1 37.7



#46
Dibromomethane
Concen: 55.712 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 93 Resp: 149516
Ion Ratio Lower Upper
93 100
95 84.0 65.1 97.7
174 115.6 90.6 136.0





#47

Bromodichloromethane

Concen: 55.298 ug/l

RT: 9.433 min Scan# 1265

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

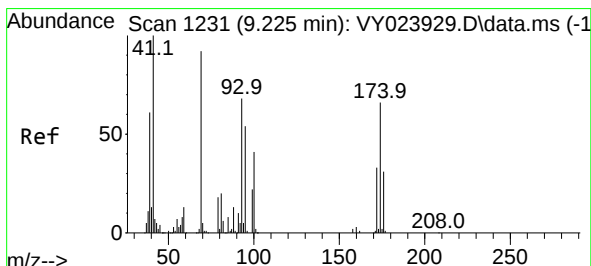
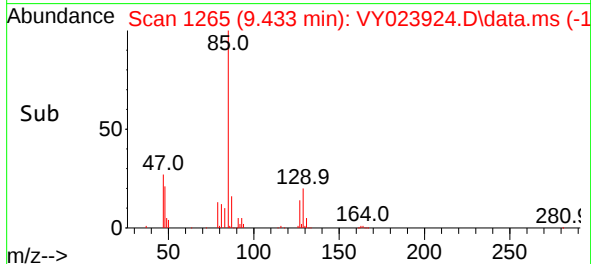
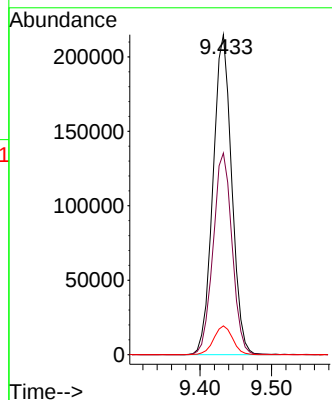
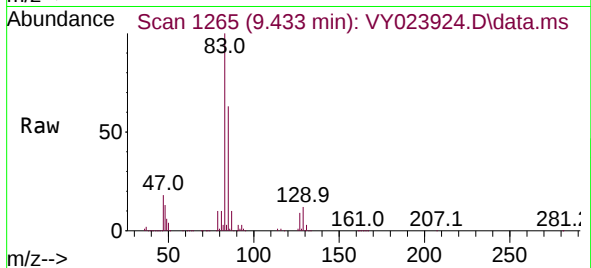
Tgt Ion: 83 Resp: 390405

Ion Ratio Lower Upper

83 100

85 63.0 50.7 76.1

127 9.0 7.0 10.4



#48

Methyl methacrylate

Concen: 56.599 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

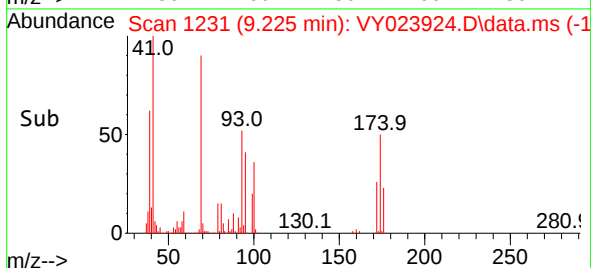
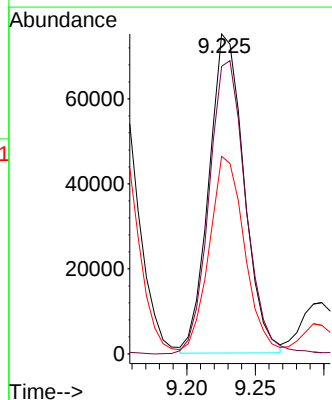
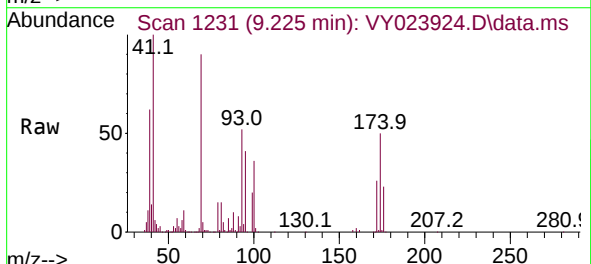
Tgt Ion: 41 Resp: 134011

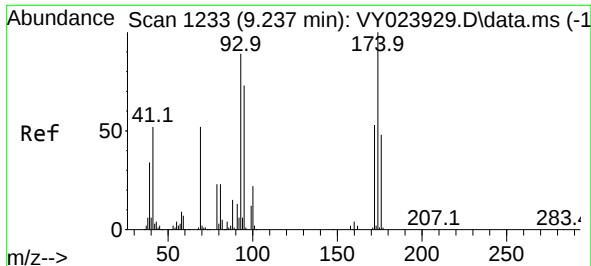
Ion Ratio Lower Upper

41 100

69 96.4 74.7 112.1

39 59.9 47.4 71.2





#49

1,4-Dioxane

Concen: 1047.750 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

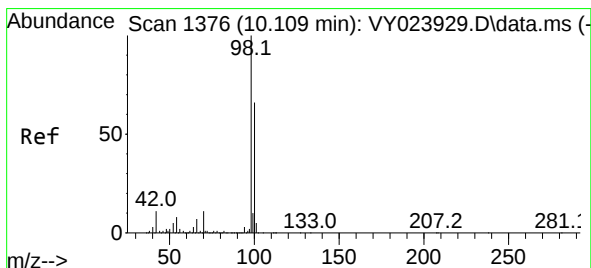
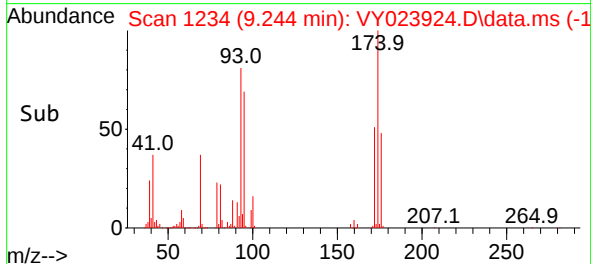
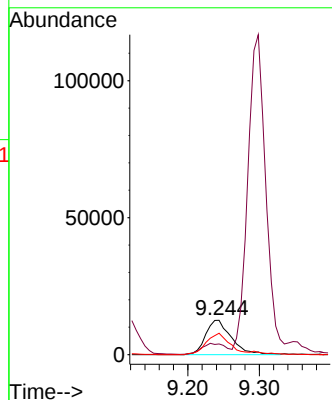
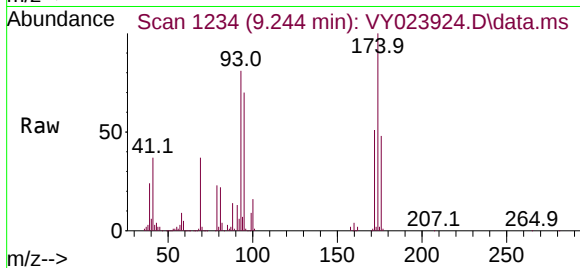
Tgt Ion: 88 Resp: 31348

Ion Ratio Lower Upper

88 100

43 30.6 22.3 33.5

58 56.4 52.3 78.5



#50

Toluene-d8

Concen: 46.825 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY023924.D

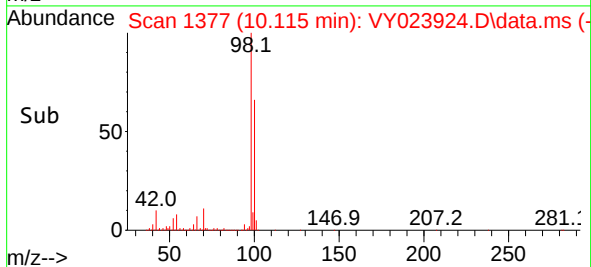
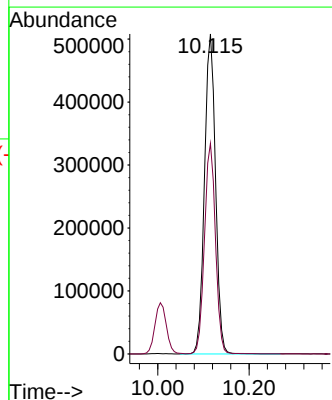
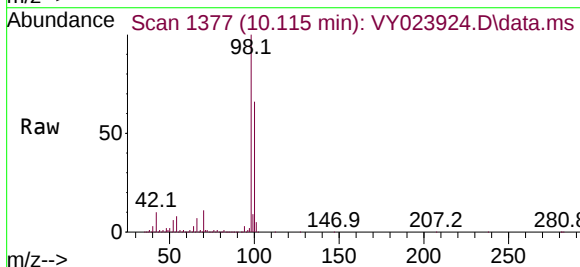
Acq: 10 Dec 2025 08:01

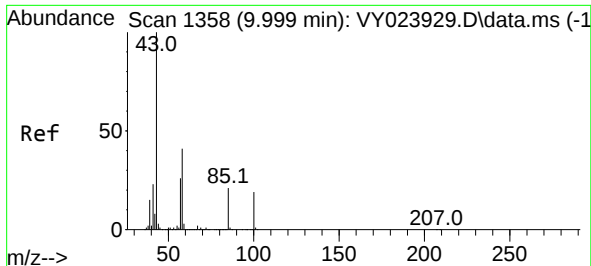
Tgt Ion: 98 Resp: 849247

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2

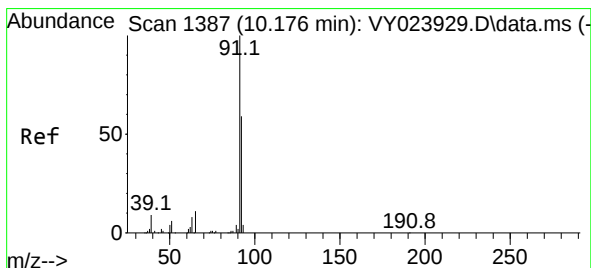
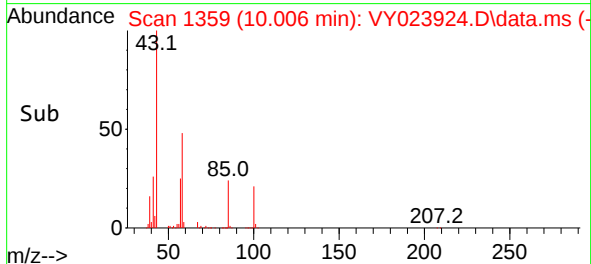
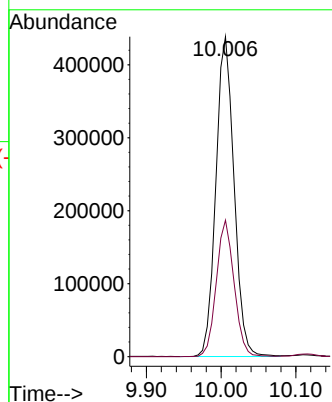
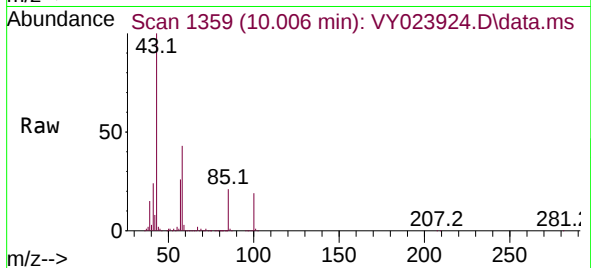




#51
4-Methyl-2-Pentanone
Concen: 274.615 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

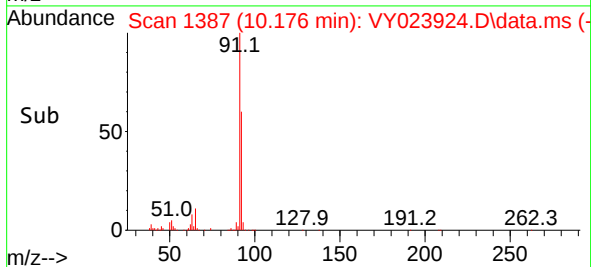
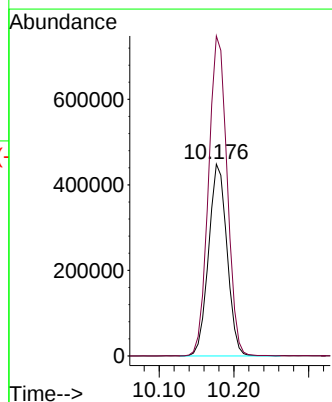
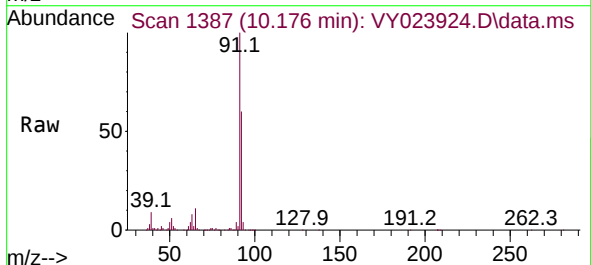
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

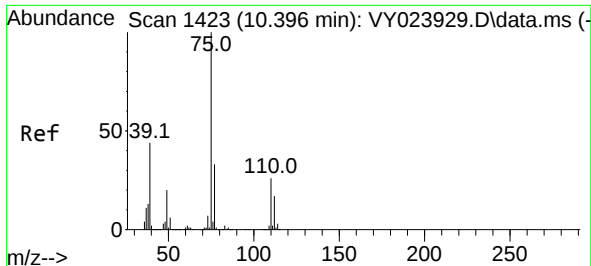
Tgt Ion: 43 Resp: 740038
Ion Ratio Lower Upper
43 100
58 41.8 33.1 49.7



#52
Toluene
Concen: 57.288 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 92 Resp: 765580
Ion Ratio Lower Upper
92 100
91 168.9 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 57.641 ug/l

RT: 10.402 min Scan# 1423

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

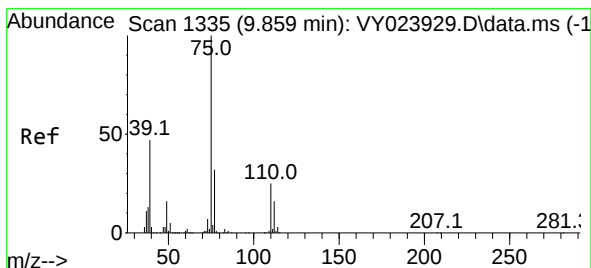
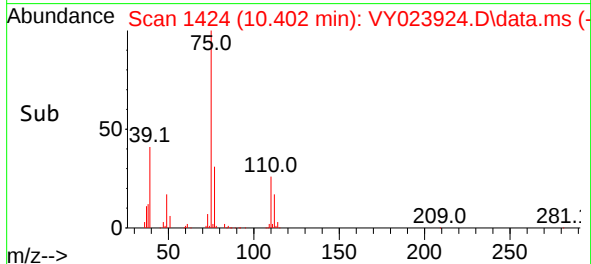
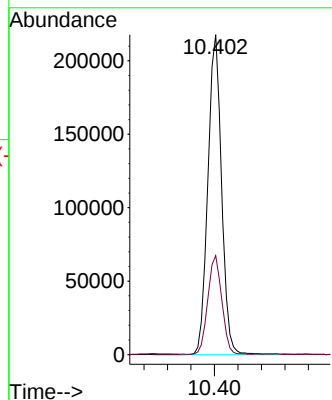
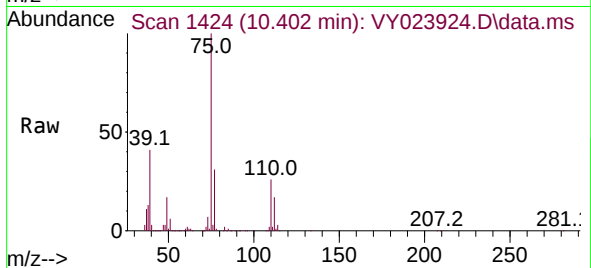
VSTDCCC050

Tgt Ion: 75 Resp: 351673

Ion Ratio Lower Upper

75 100

77 30.8 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 57.136 ug/l

RT: 9.865 min Scan# 1336

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

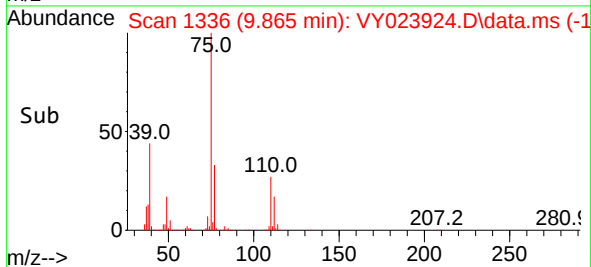
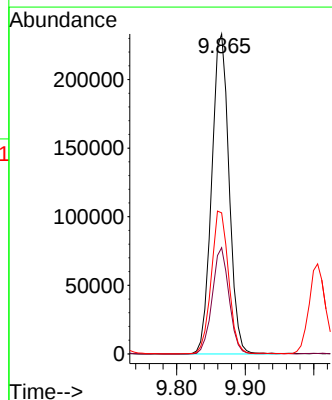
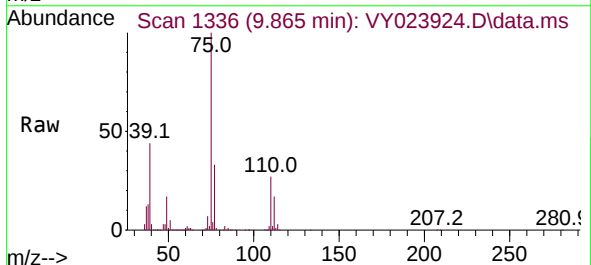
Tgt Ion: 75 Resp: 410773

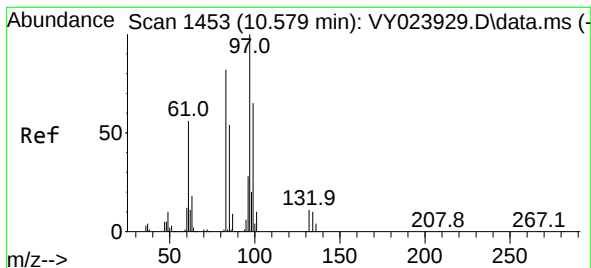
Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0

39 44.0 37.6 56.4



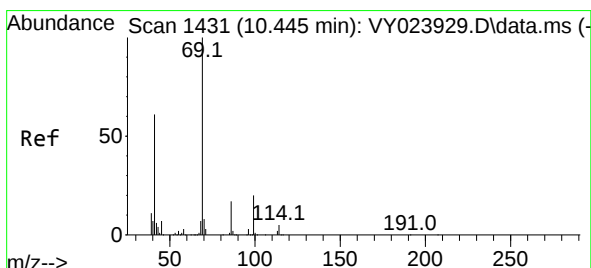
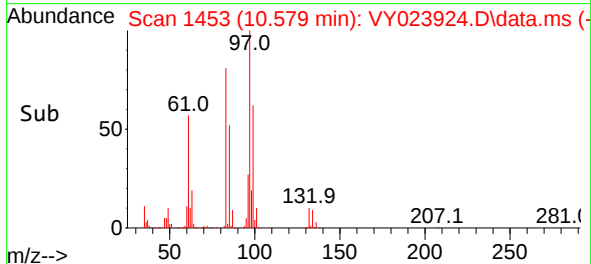
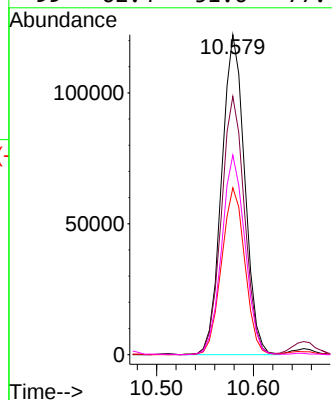
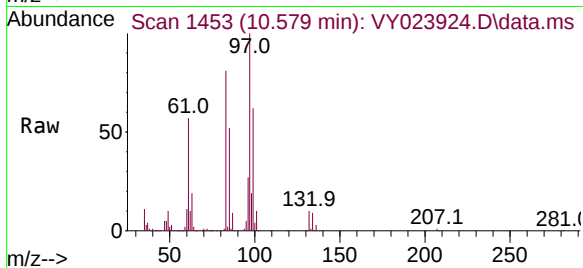


#55
1,1,2-Trichloroethane
Concen: 54.932 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 202909

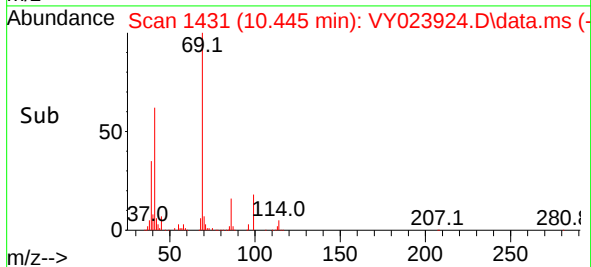
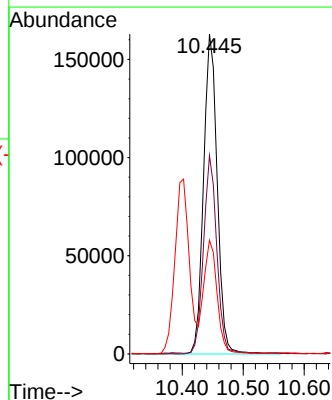
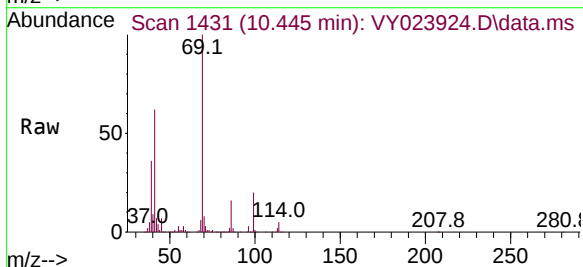
Ion	Ratio	Lower	Upper
97	100		
83	80.7	65.8	98.6
85	52.1	43.1	64.7
99	62.4	51.6	77.4

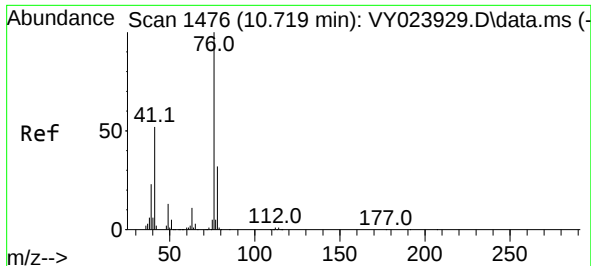


#56
Ethyl methacrylate
Concen: 57.879 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 69 Resp: 253453

Ion	Ratio	Lower	Upper
69	100		
41	59.7	49.0	73.4
39	34.0	29.1	43.7

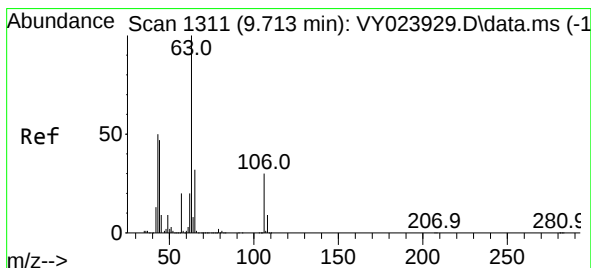
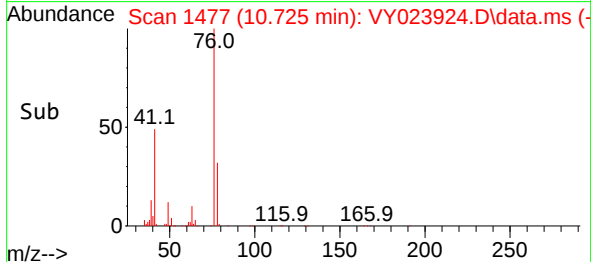
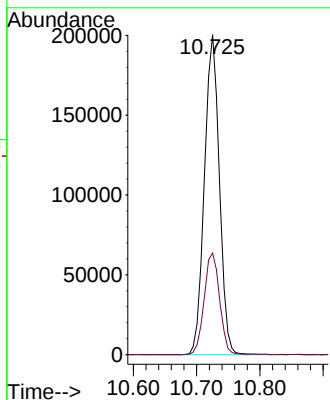
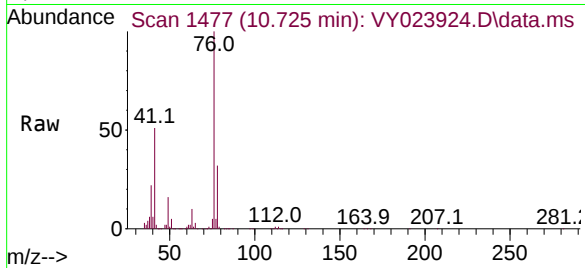




#57
1,3-Dichloropropane
Concen: 54.770 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

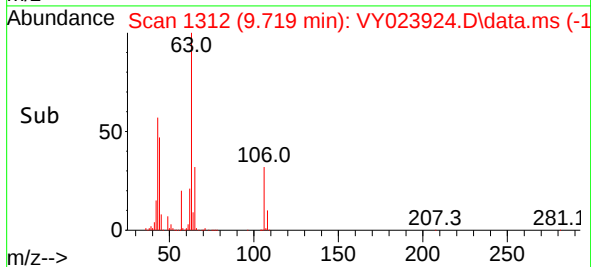
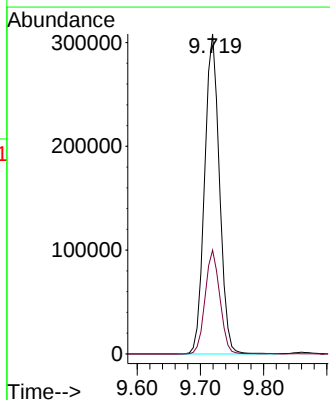
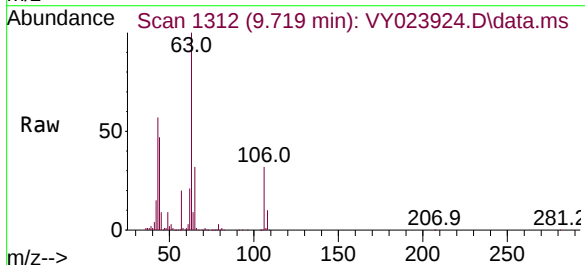
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

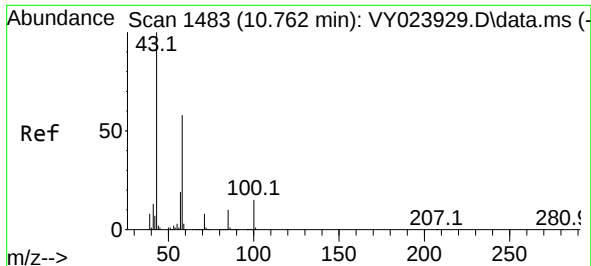
Tgt Ion: 76 Resp: 327203
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 263.488 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 63 Resp: 499788
Ion Ratio Lower Upper
63 100
106 32.1 25.2 37.8





#59

2-Hexanone

Concen: 270.185 ug/l

RT: 10.768 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

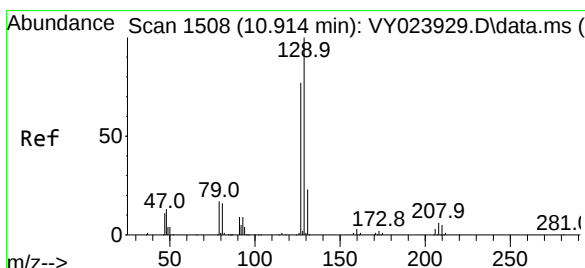
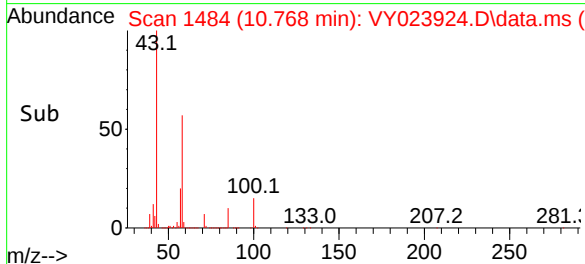
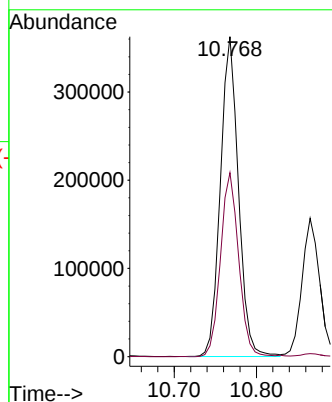
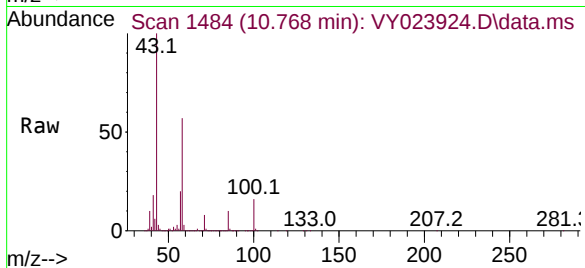
VSTDCCC050

Tgt Ion: 43 Resp: 552596

Ion Ratio Lower Upper

43 100

58 58.1 29.0 87.0



#60

Dibromochloromethane

Concen: 56.316 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.006 min

Lab File: VY023924.D

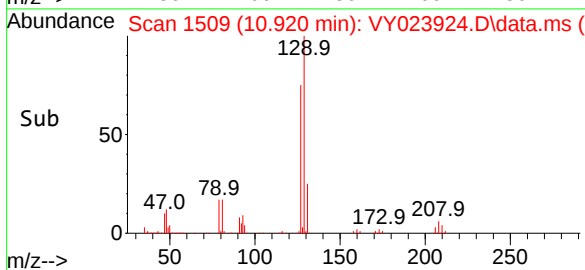
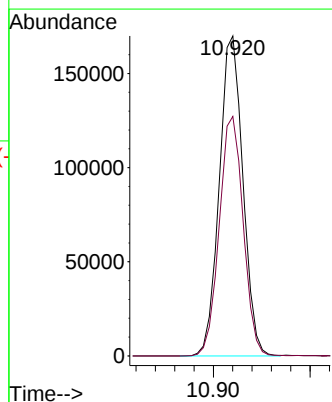
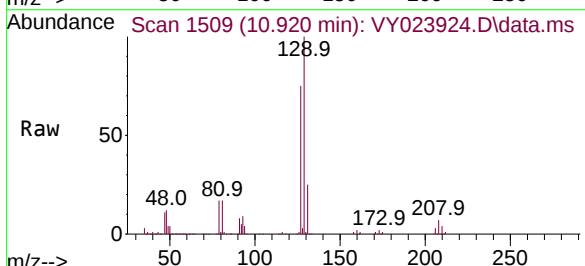
Acq: 10 Dec 2025 08:01

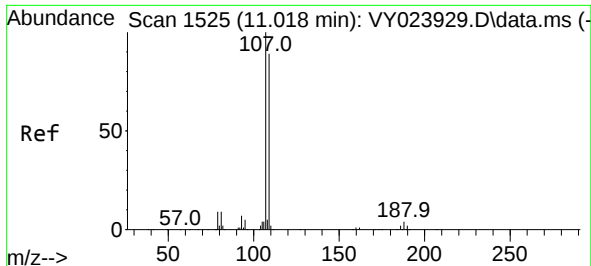
Tgt Ion: 129 Resp: 288007

Ion Ratio Lower Upper

129 100

127 75.8 38.1 114.5

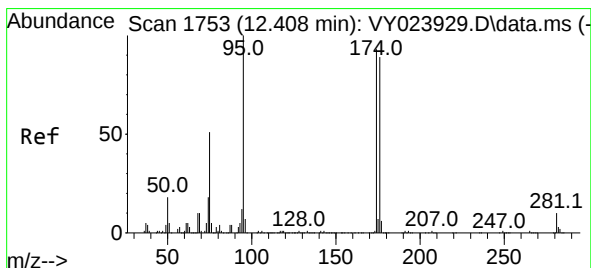
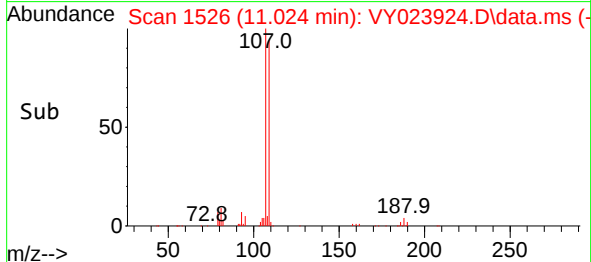
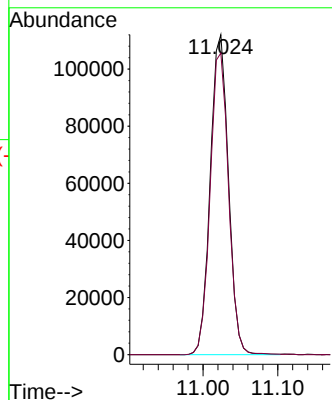
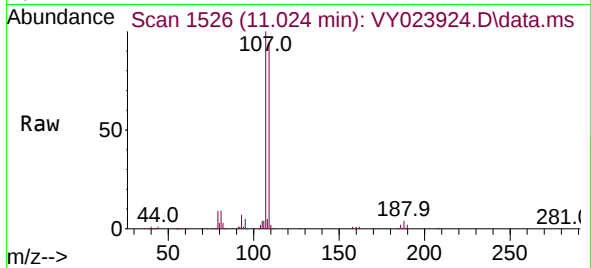




#61
1,2-Dibromoethane
Concen: 55.334 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

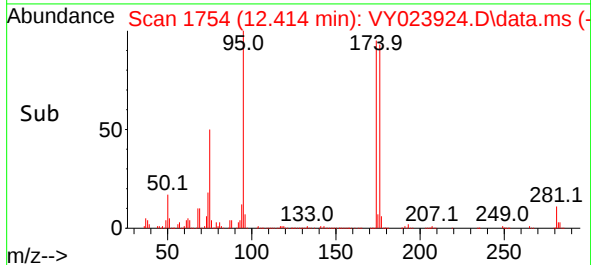
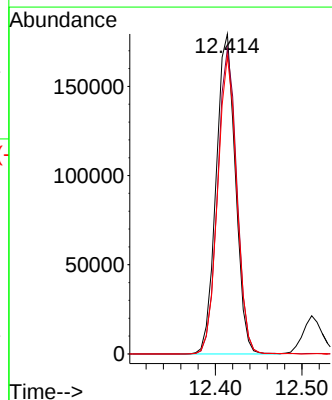
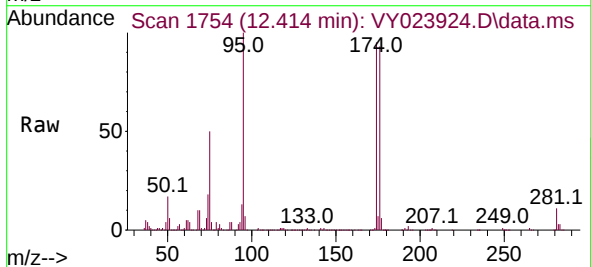
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

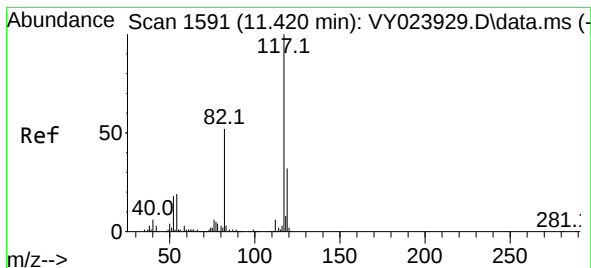
Tgt Ion:107 Resp: 189403
Ion Ratio Lower Upper
107 100
109 95.5 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 45.821 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 95 Resp: 277528
Ion Ratio Lower Upper
95 100
174 95.0 0.0 187.4
176 92.1 0.0 179.6

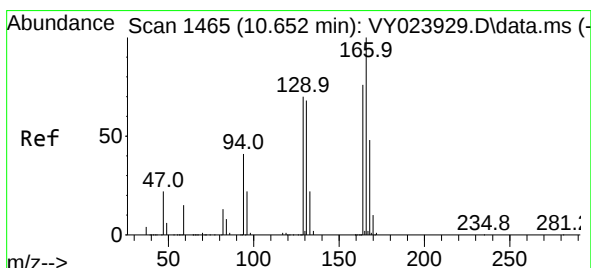
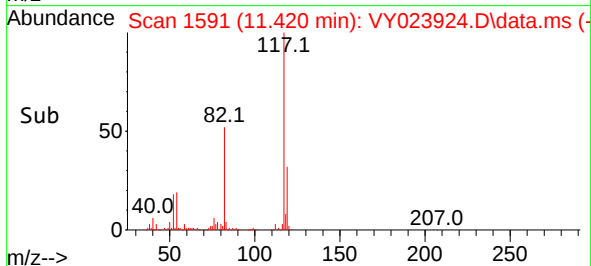
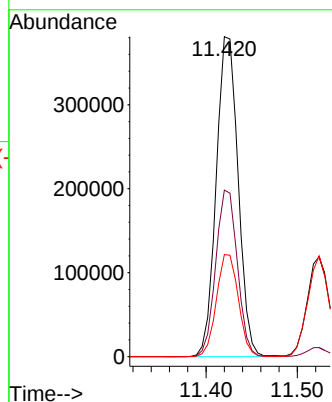
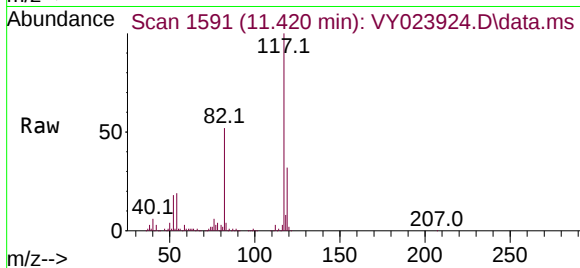




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

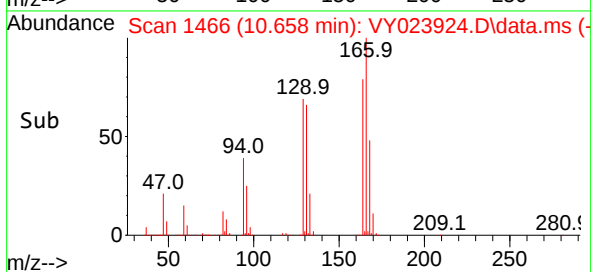
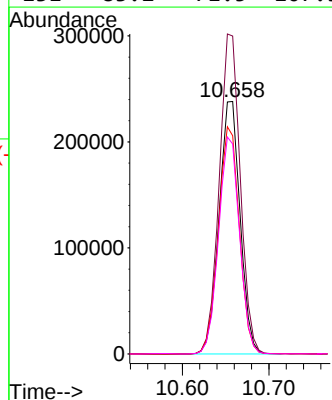
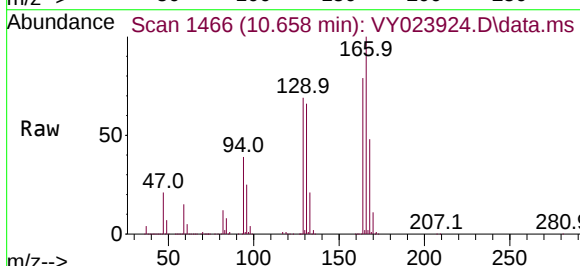
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

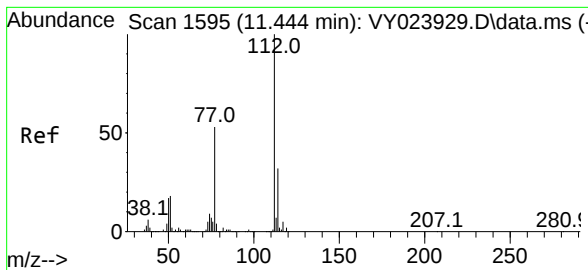
Tgt Ion:117 Resp: 635386
Ion Ratio Lower Upper
117 100
82 52.0 41.4 62.2
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 59.197 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion:164 Resp: 404074
Ion Ratio Lower Upper
164 100
166 125.9 105.0 157.4
129 86.5 73.0 109.4
131 83.2 71.5 107.3

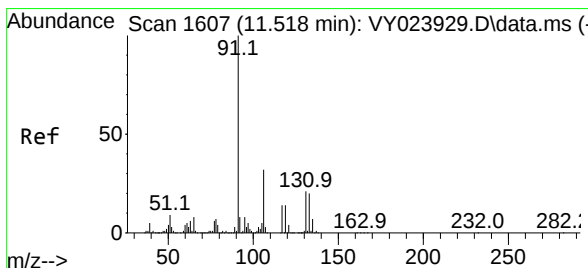
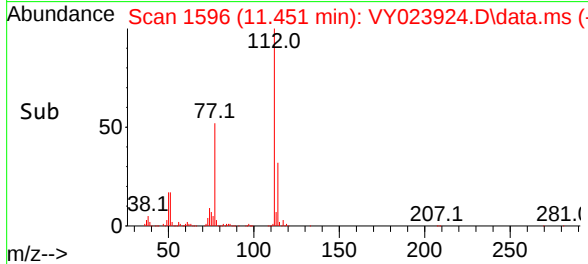
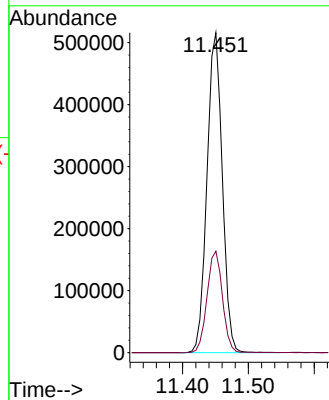
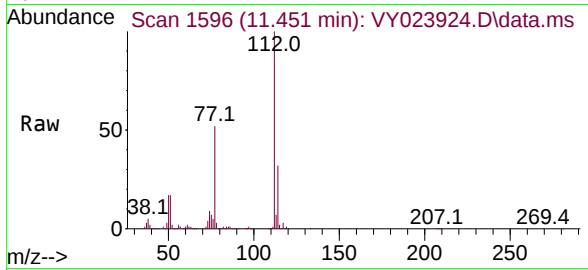




#65
Chlorobenzene
Concen: 56.658 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

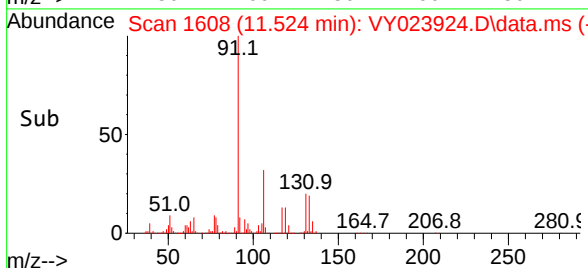
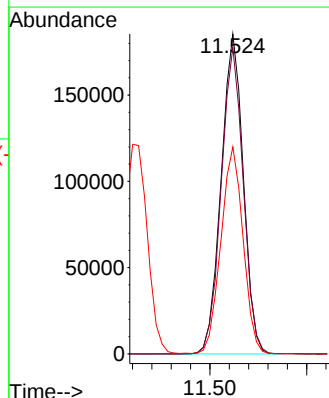
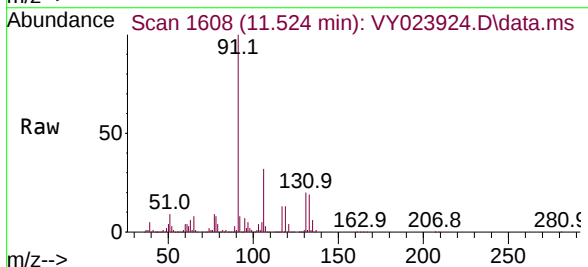
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

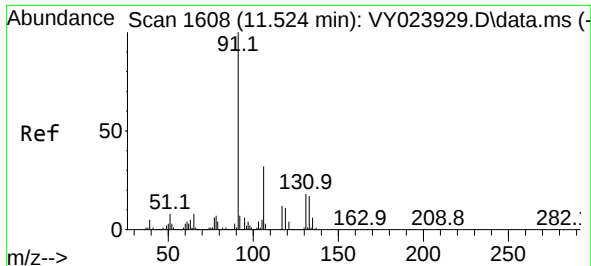
Tgt Ion:112 Resp: 834178
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 57.123 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion:131 Resp: 294958
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.3
119 64.9 33.1 99.2





#67

Ethyl Benzene

Concen: 58.477 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

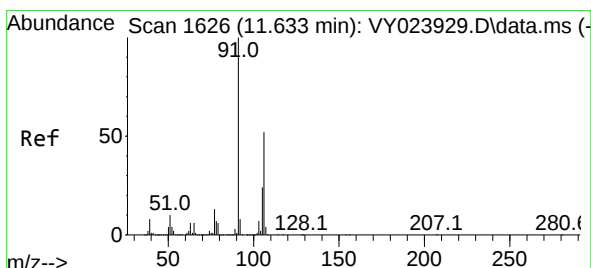
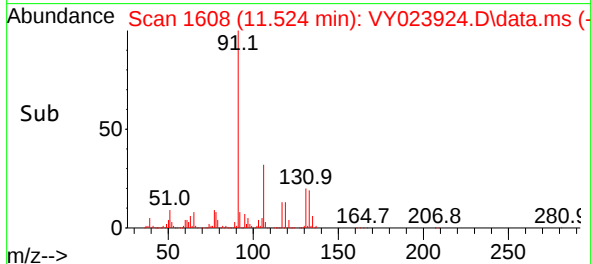
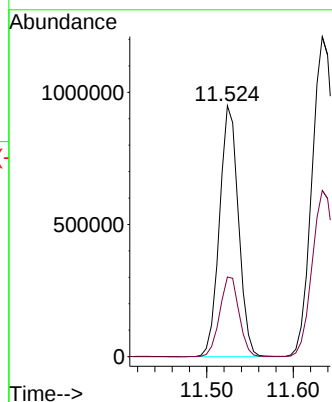
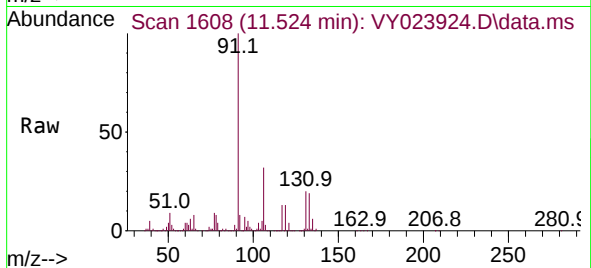
VSTDCCC050

Tgt Ion: 91 Resp: 1442549

Ion Ratio Lower Upper

91 100

106 31.7 25.8 38.8



#68

m/p-Xylenes

Concen: 117.215 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY023924.D

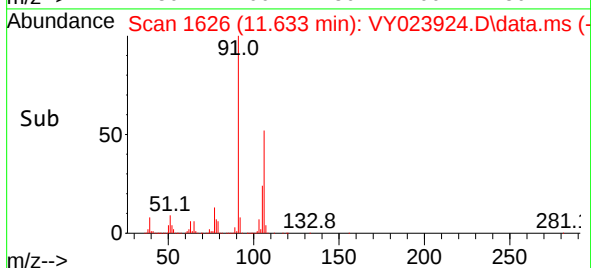
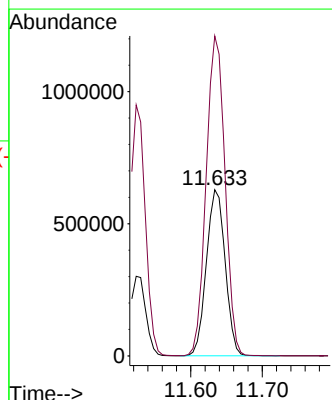
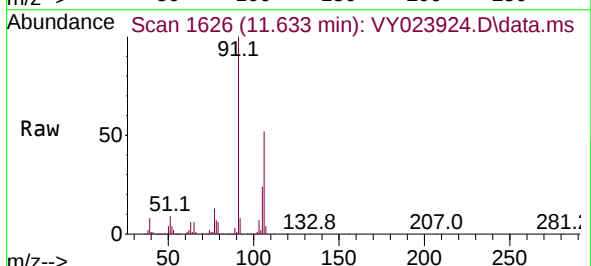
Acq: 10 Dec 2025 08:01

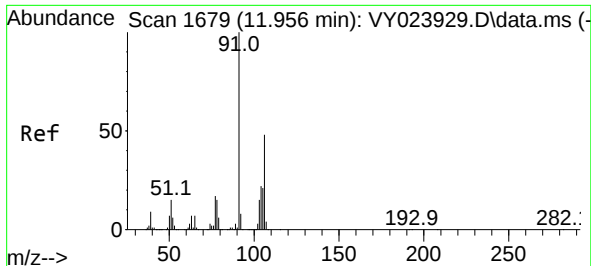
Tgt Ion:106 Resp: 1147849

Ion Ratio Lower Upper

106 100

91 193.3 155.0 232.6

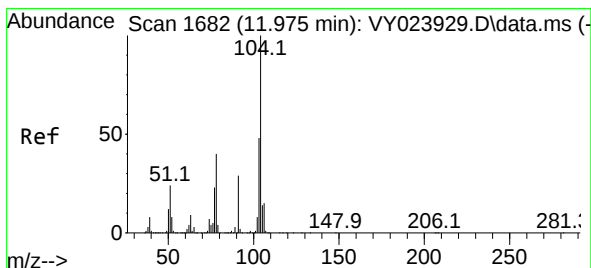
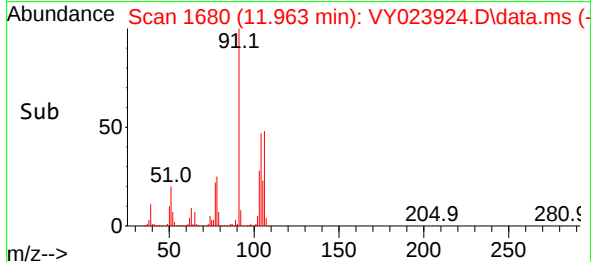
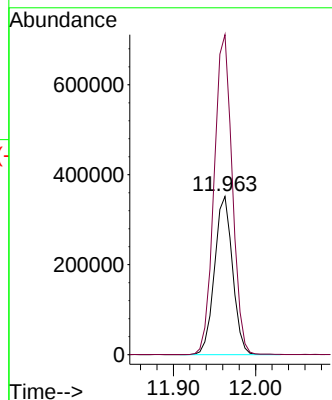
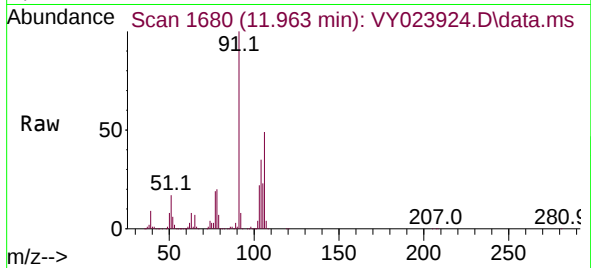




#69
o-Xylene
Concen: 58.369 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

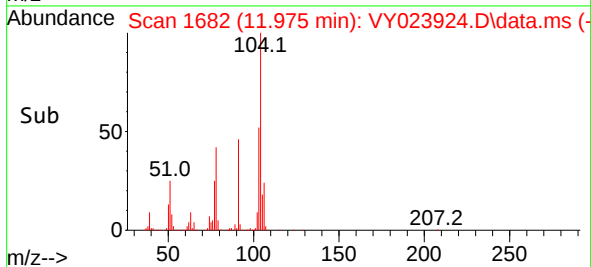
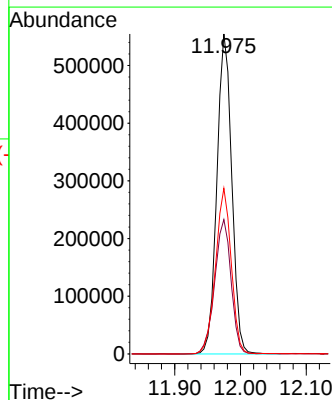
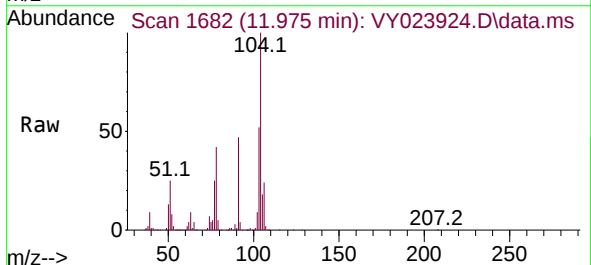
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

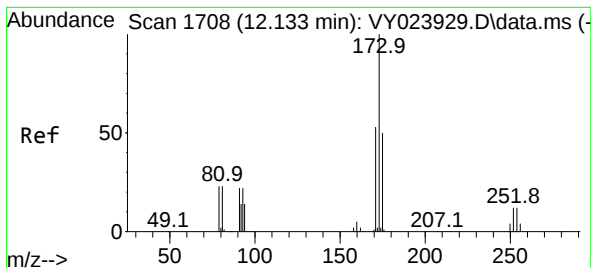
Tgt Ion:106 Resp: 534698
Ion Ratio Lower Upper
106 100
91 203.7 102.1 306.1



#70
Styrene
Concen: 58.693 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion:104 Resp: 868599
Ion Ratio Lower Upper
104 100
78 46.4 37.4 56.0
103 54.8 43.0 64.4





#71

Bromoform

Concen: 55.699 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

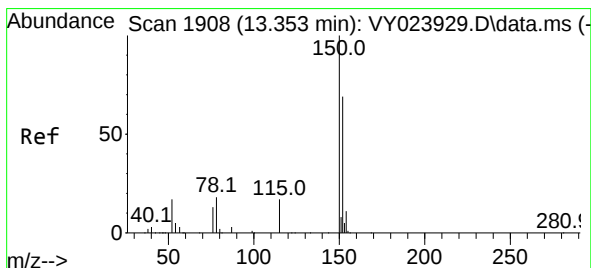
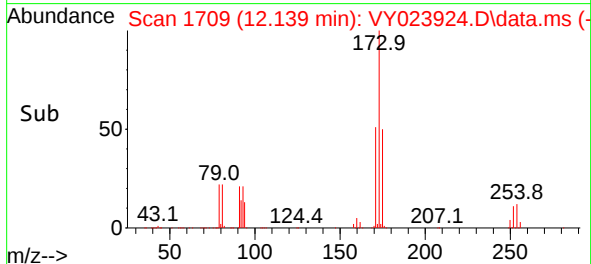
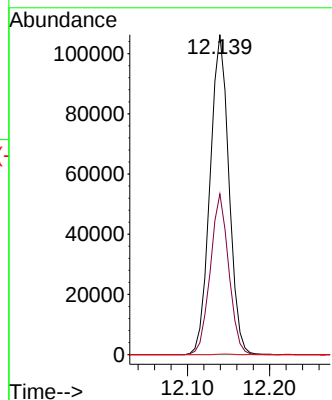
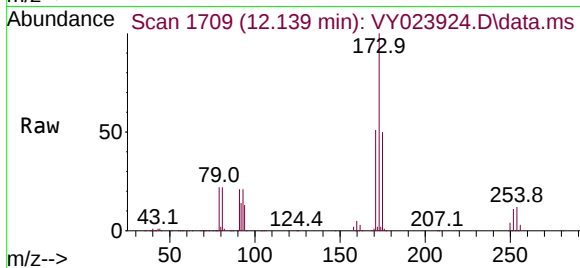
Tgt Ion:173 Resp: 169493

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

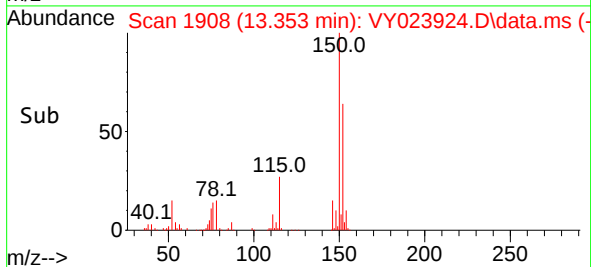
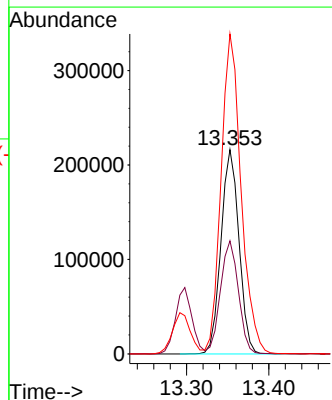
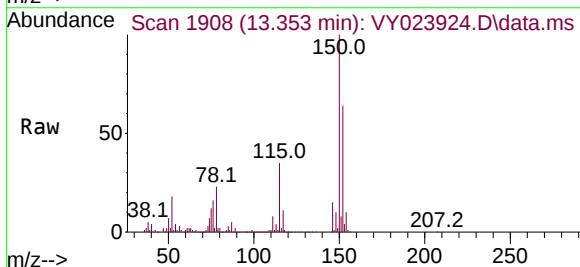
Tgt Ion:152 Resp: 328066

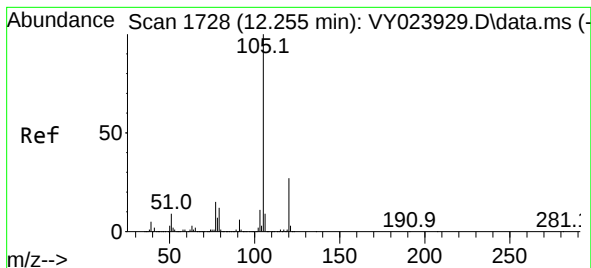
Ion Ratio Lower Upper

152 100

115 55.2 27.3 81.9

150 174.4 0.0 347.6





#73

Isopropylbenzene

Concen: 58.882 ug/l

RT: 12.261 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

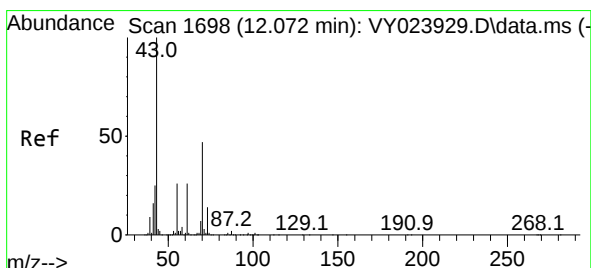
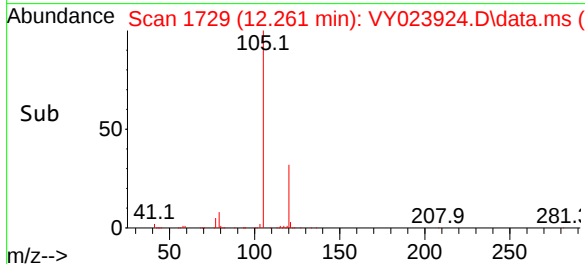
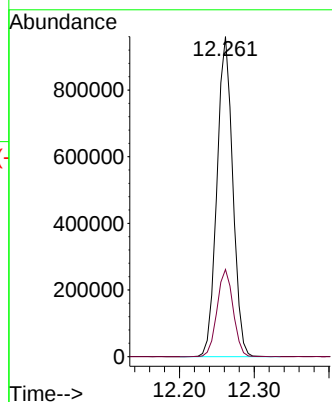
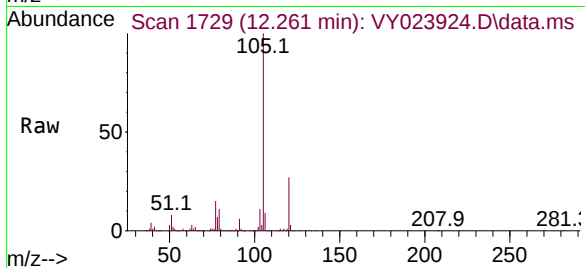
VSTDCCC050

Tgt Ion:105 Resp: 1411731

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.0



#74

N-ethyl acetate

Concen: 57.272 ug/l

RT: 12.079 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Tgt Ion: 43 Resp: 243560

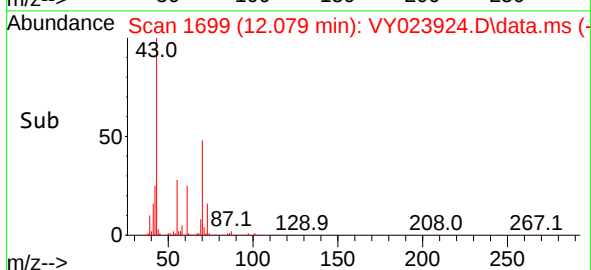
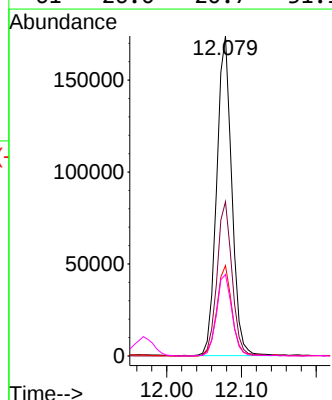
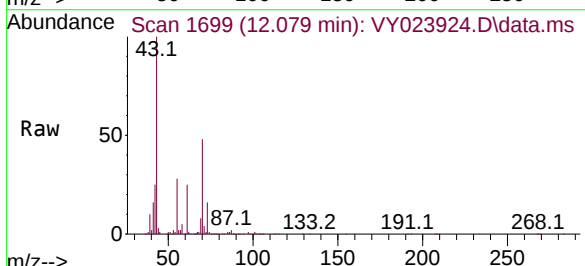
Ion Ratio Lower Upper

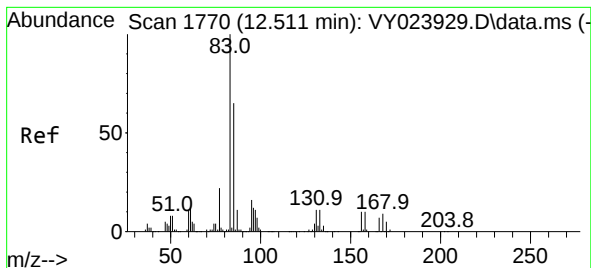
43 100

70 48.2 37.4 56.0

55 28.1 21.6 32.4

61 26.0 20.7 31.1

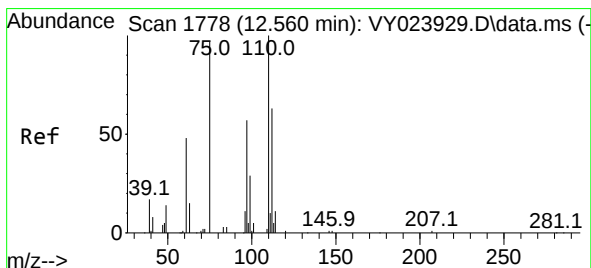
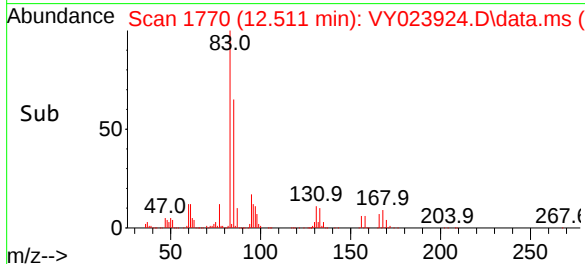
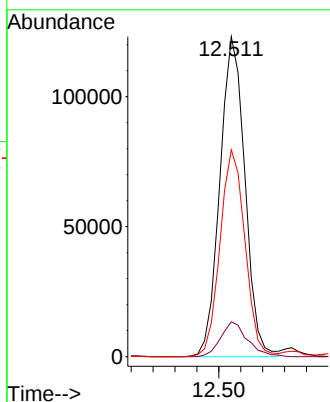
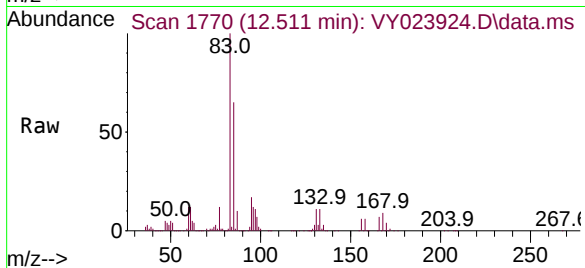




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.513 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY023924.D
 Acq: 10 Dec 2025 08:01

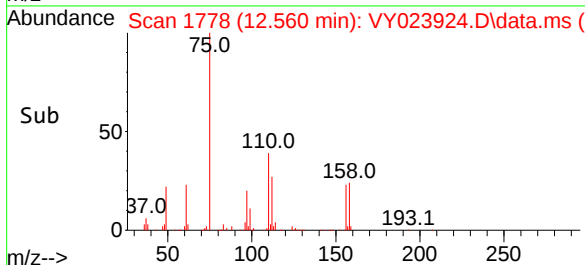
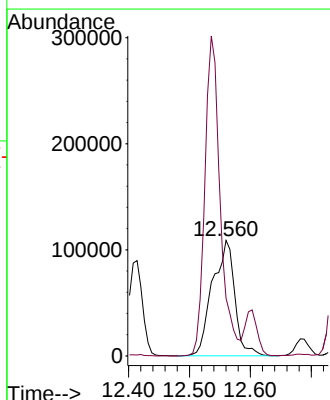
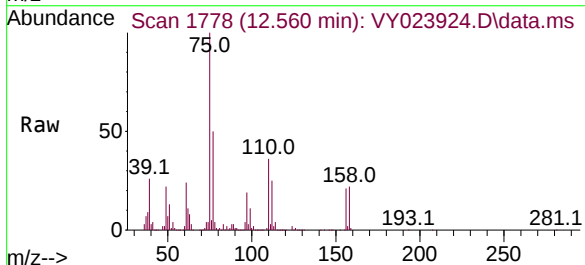
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

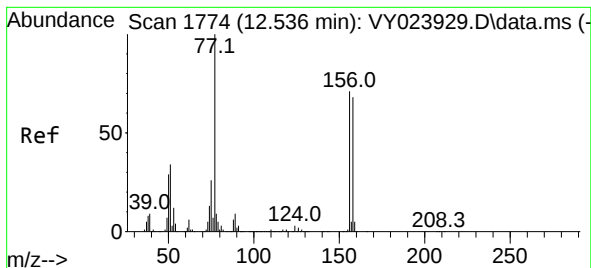
Tgt Ion: 83 Resp: 195358
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.6 16.8
 85 64.4 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 99.597 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY023924.D
 Acq: 10 Dec 2025 08:01

Tgt Ion: 75 Resp: 276392
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.407 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

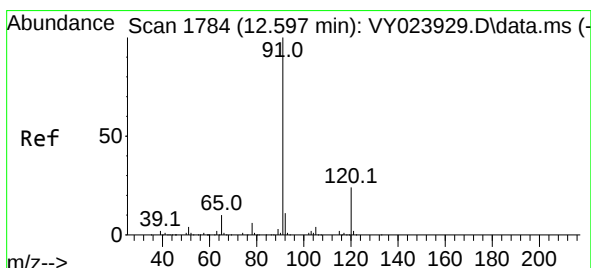
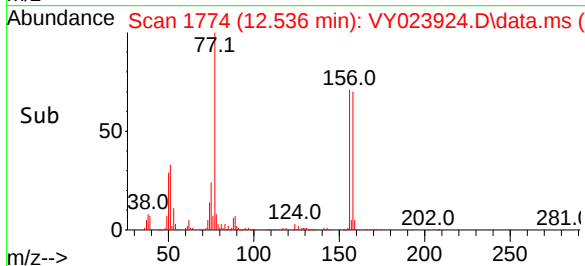
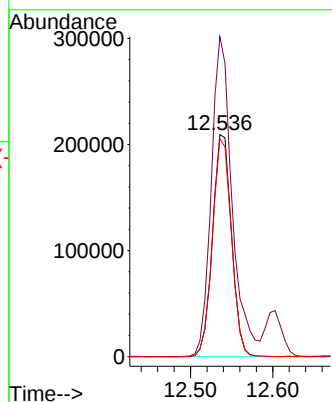
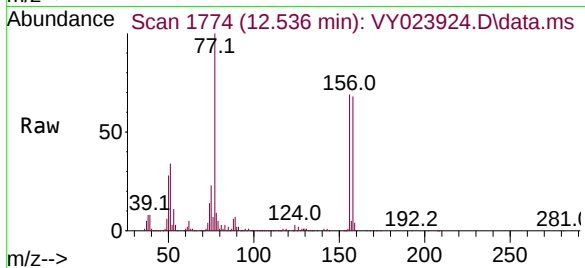
Tgt Ion:156 Resp: 335560

Ion Ratio Lower Upper

156 100

77 158.3 79.8 239.4

158 98.0 48.0 144.2



#78

n-propylbenzene

Concen: 59.539 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY023924.D

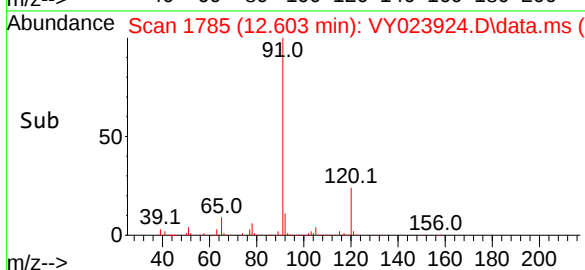
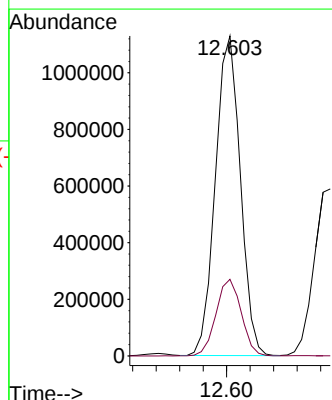
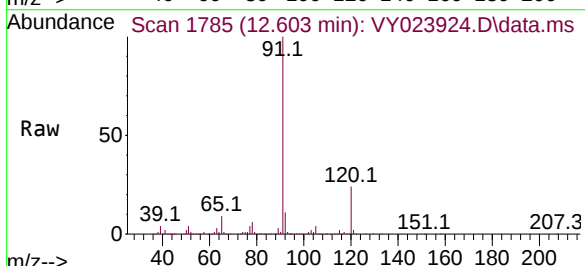
Acq: 10 Dec 2025 08:01

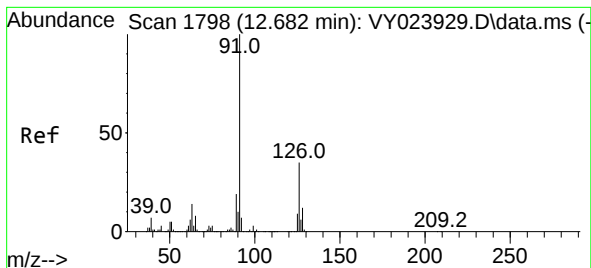
Tgt Ion: 91 Resp: 1660847

Ion Ratio Lower Upper

91 100

120 24.2 12.0 36.0

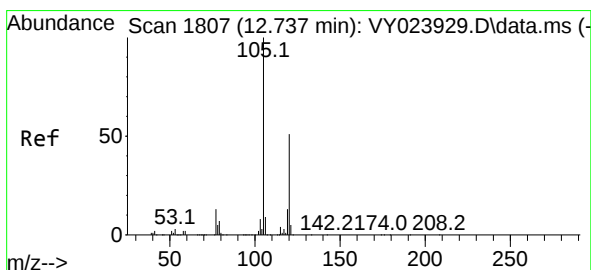
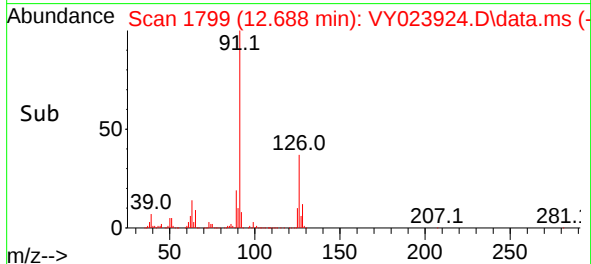
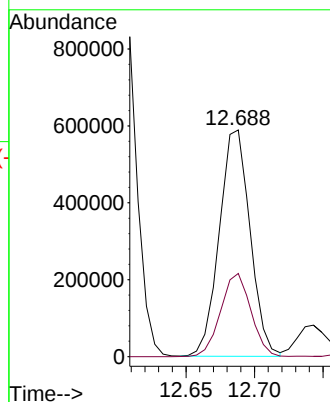
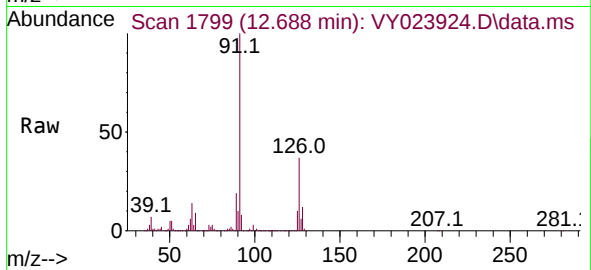




#79
2-Chlorotoluene
Concen: 58.264 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

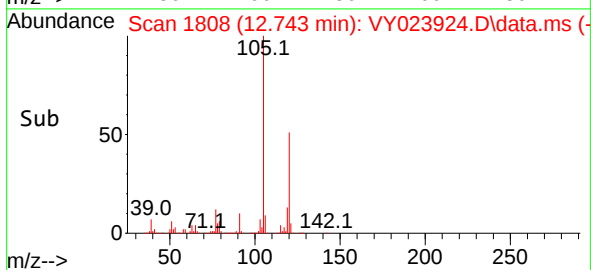
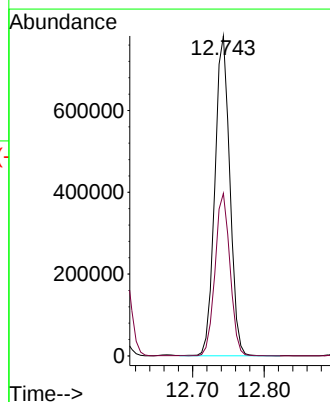
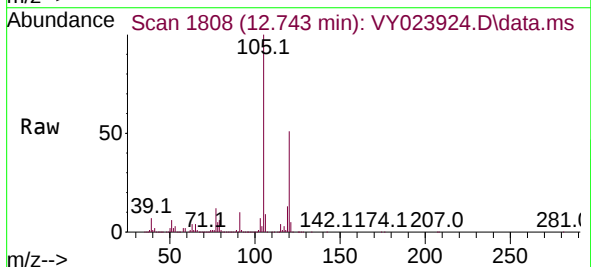
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

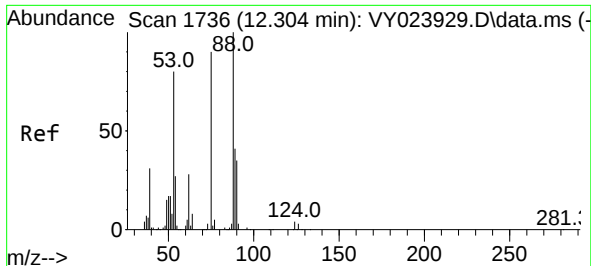
Tgt Ion: 91 Resp: 923226
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 59.301 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 105 Resp: 1134275
Ion Ratio Lower Upper
105 100
120 50.8 25.7 77.1

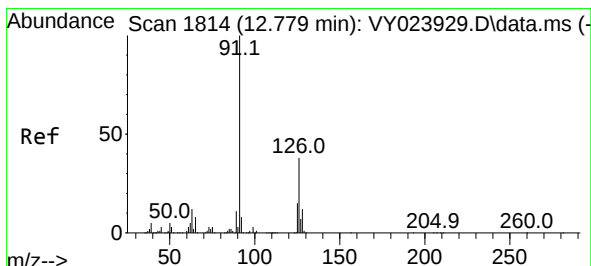
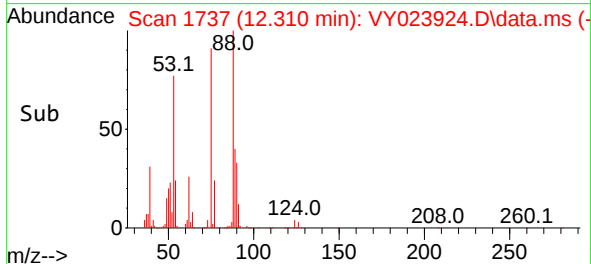
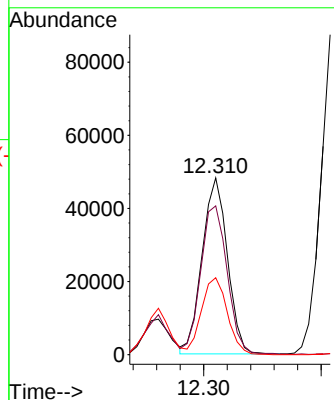
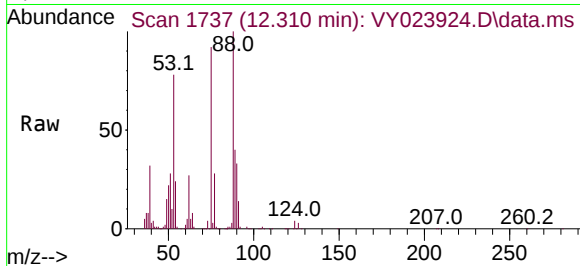




#81
trans-1,4-Dichloro-2-butene
Concen: 59.128 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

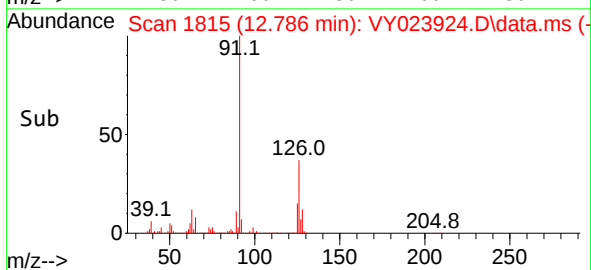
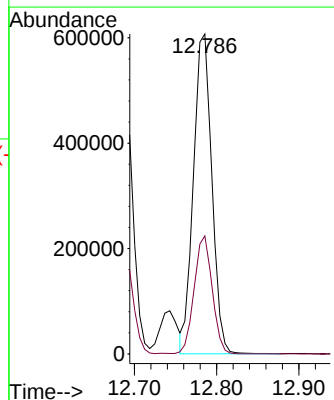
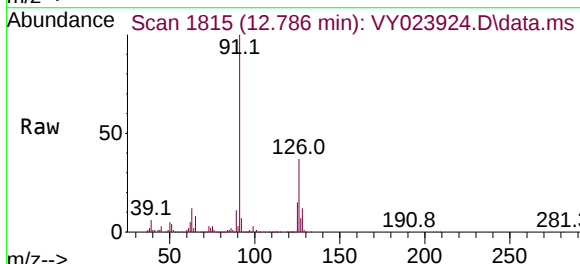
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

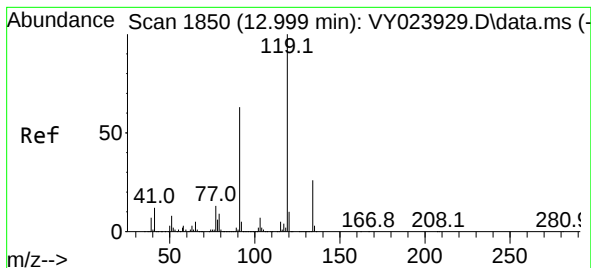
Tgt Ion: 75 Resp: 72087
Ion Ratio Lower Upper
75 100
53 88.7 73.4 110.0
89 44.4 38.9 58.3



#82
4-Chlorotoluene
Concen: 57.854 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 91 Resp: 943728
Ion Ratio Lower Upper
91 100
126 36.1 18.1 54.1





#83

tert-Butylbenzene

Concen: 59.471 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

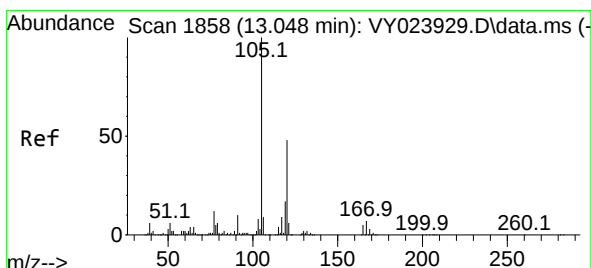
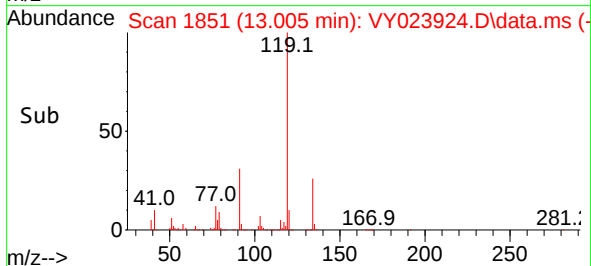
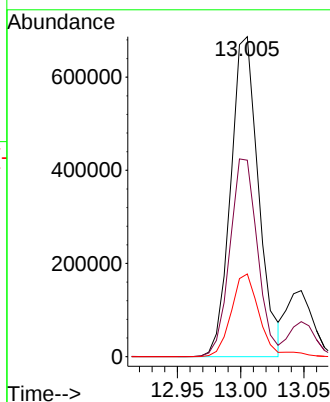
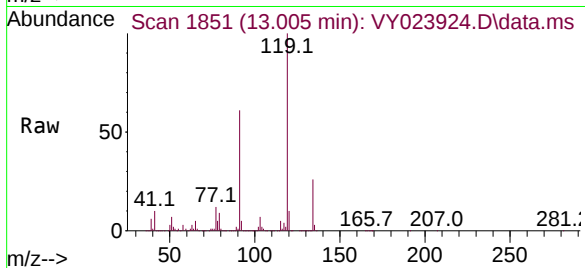
Tgt Ion:119 Resp: 1051025

Ion Ratio Lower Upper

119 100

91 61.4 31.6 94.7

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 59.270 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY023924.D

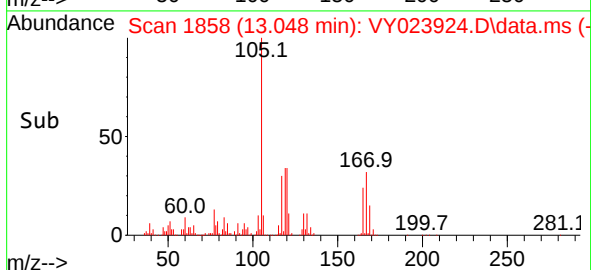
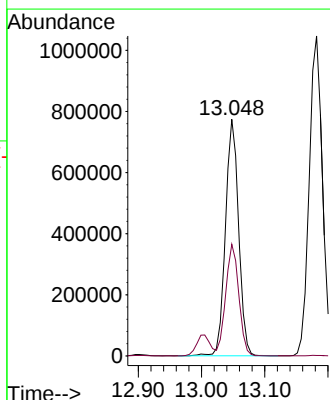
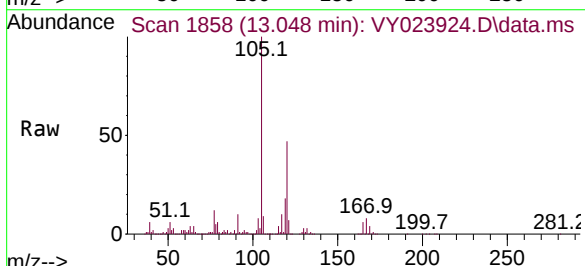
Acq: 10 Dec 2025 08:01

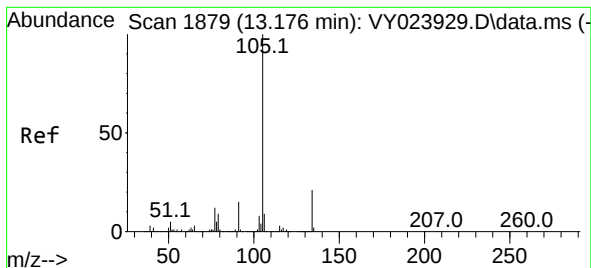
Tgt Ion:105 Resp: 1123054

Ion Ratio Lower Upper

105 100

120 46.7 23.4 70.3





#85

sec-Butylbenzene

Concen: 59.048 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

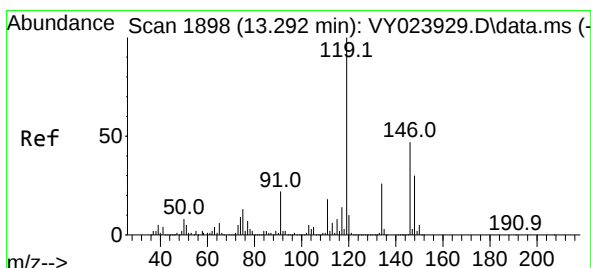
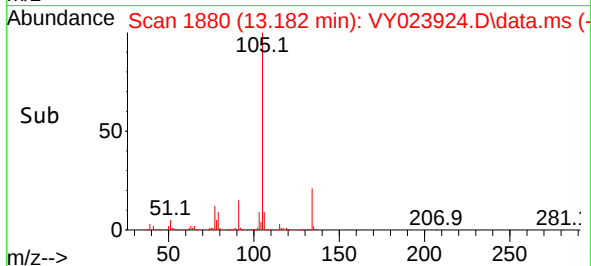
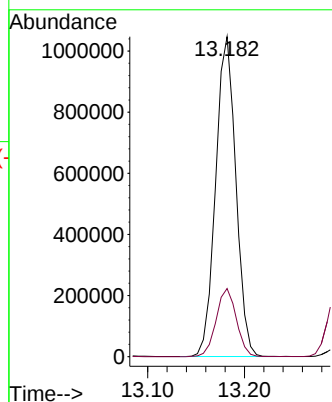
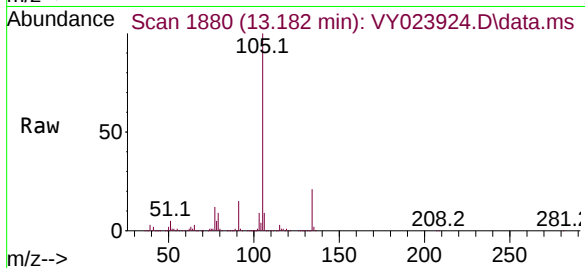
VSTDCCC050

Tgt Ion:105 Resp: 1522266

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 59.041 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

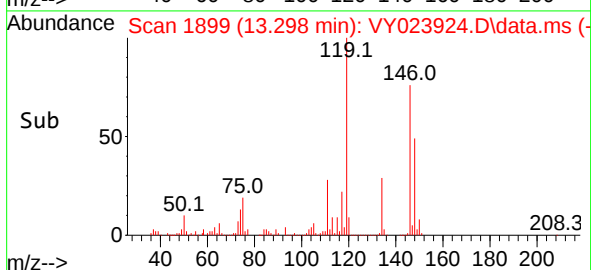
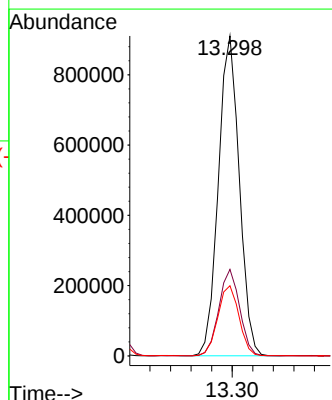
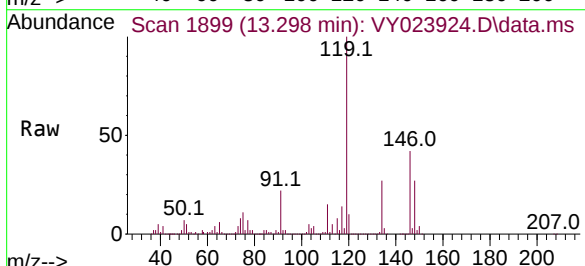
Tgt Ion:119 Resp: 1288365

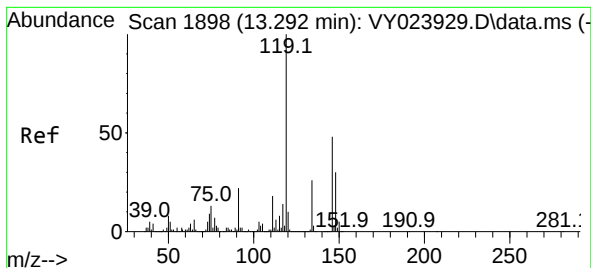
Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 22.1 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 55.776 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

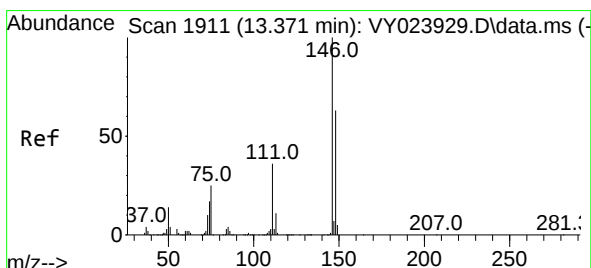
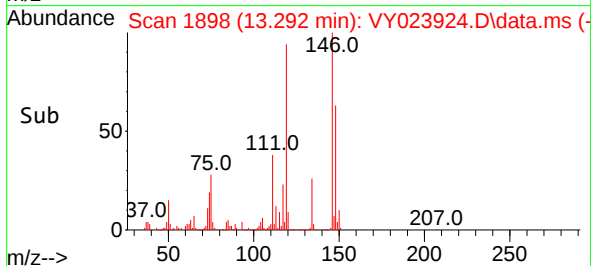
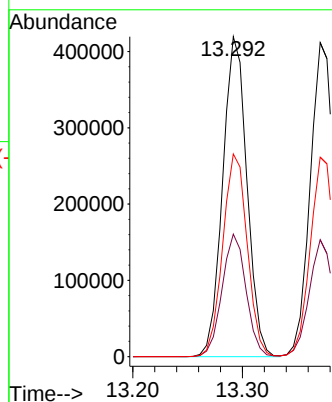
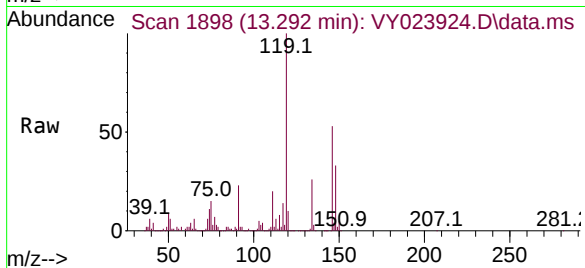
Tgt Ion:146 Resp: 644358

Ion Ratio Lower Upper

146 100

111 37.8 18.9 56.9

148 63.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 55.409 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

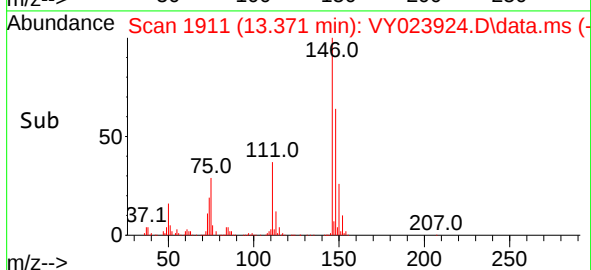
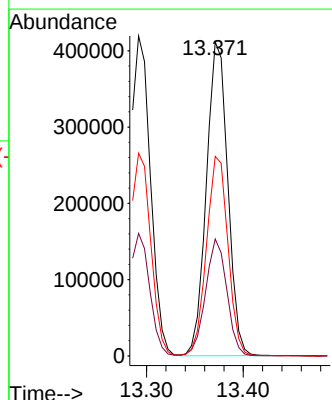
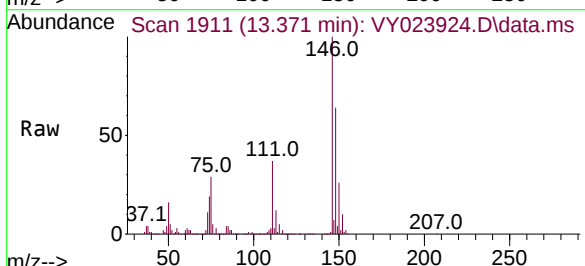
Tgt Ion:146 Resp: 630991

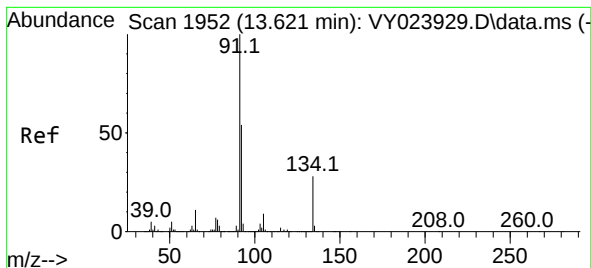
Ion Ratio Lower Upper

146 100

111 37.0 18.4 55.0

148 64.0 31.9 95.9



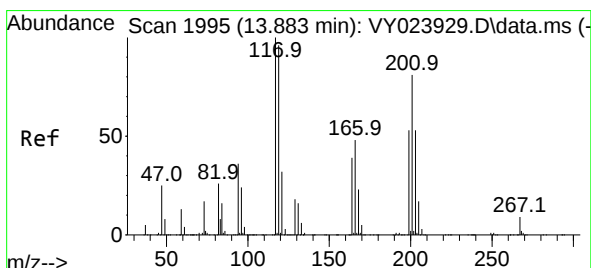
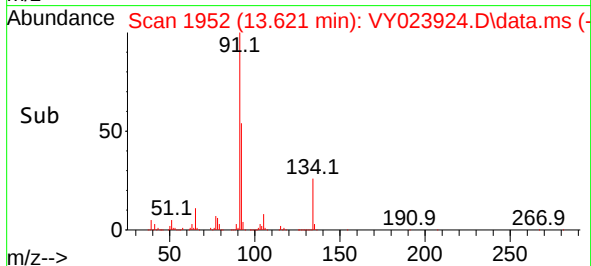
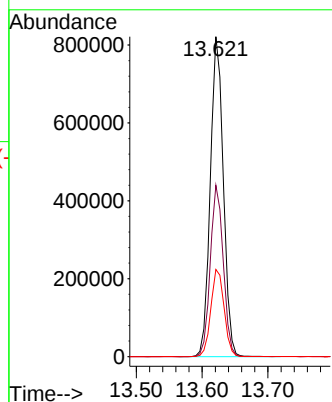
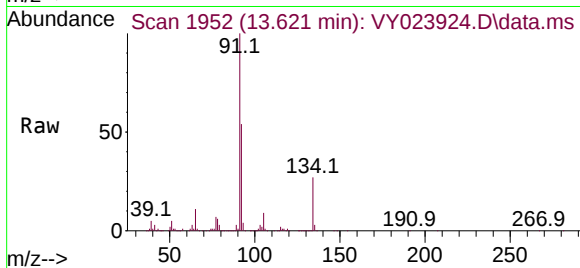


#89
n-Butylbenzene
Concen: 59.285 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1131842

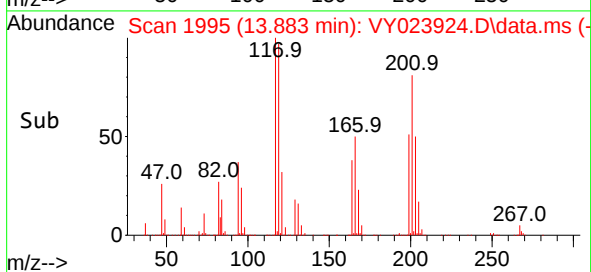
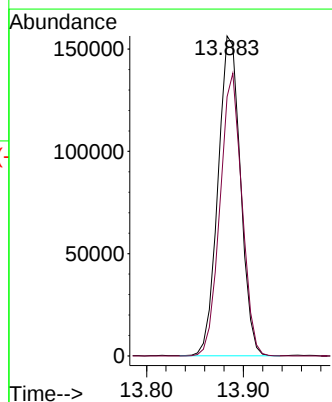
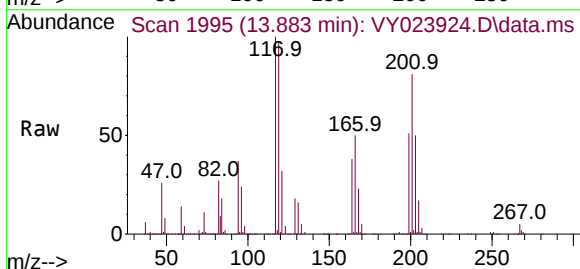
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.9	80.6
134	27.7	13.9	41.6

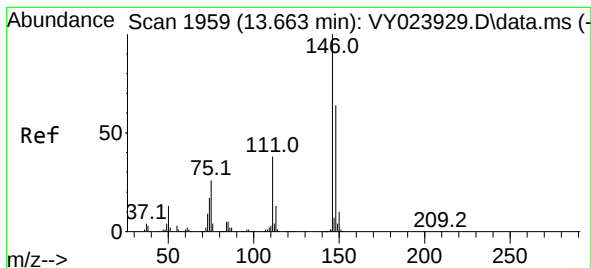


#90
Hexachloroethane
Concen: 56.625 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY023924.D
Acq: 10 Dec 2025 08:01

Tgt Ion: 117 Resp: 252144

Ion	Ratio	Lower	Upper
117	100		
201	85.9	42.4	127.3





#91

1,2-Dichlorobenzene

Concen: 55.961 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

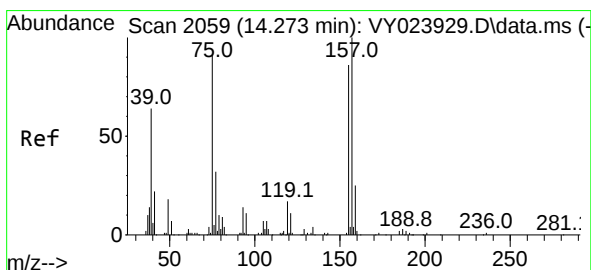
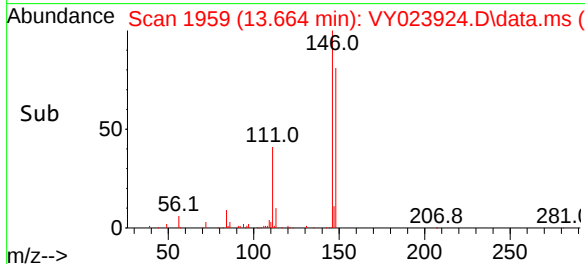
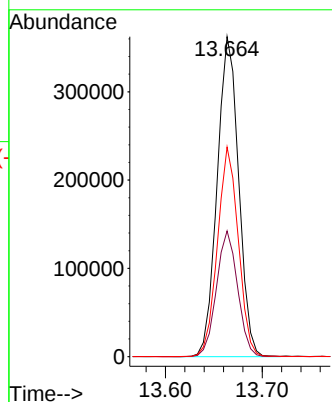
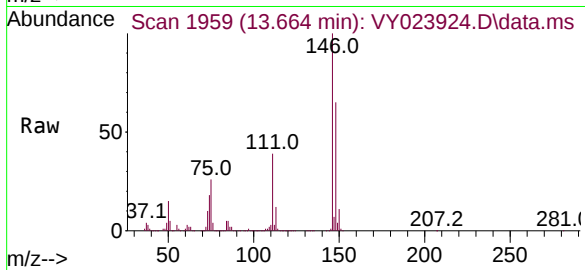
Tgt Ion:146 Resp: 560138

Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.7

148 63.7 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.930 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

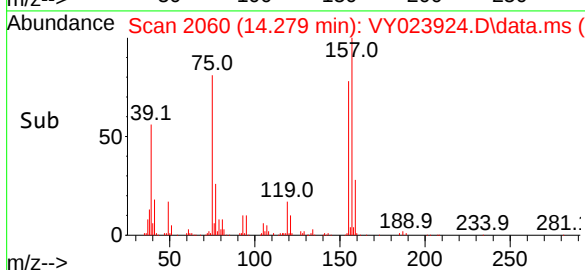
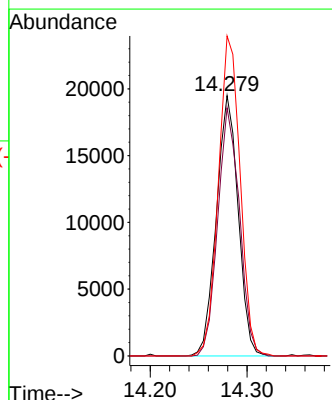
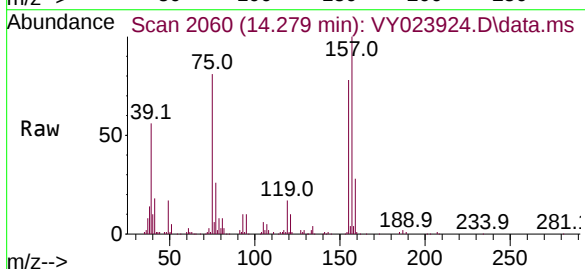
Tgt Ion: 75 Resp: 30483

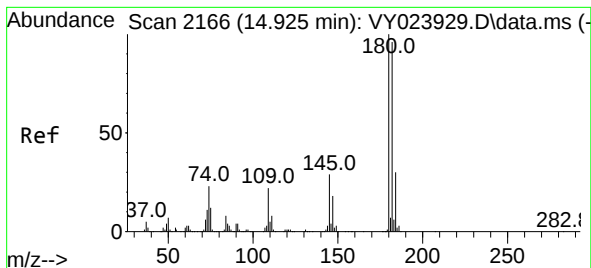
Ion Ratio Lower Upper

75 100

155 94.9 50.2 150.7

157 122.7 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 55.593 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

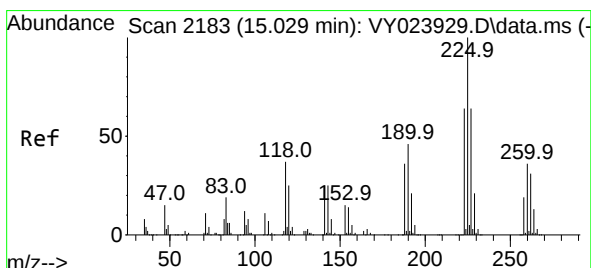
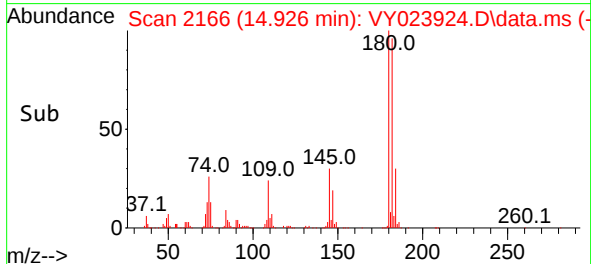
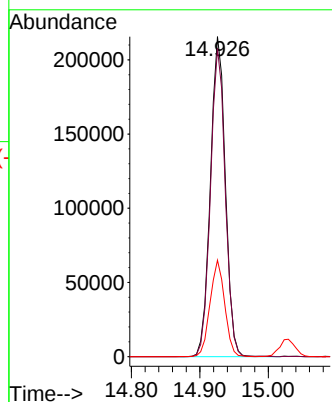
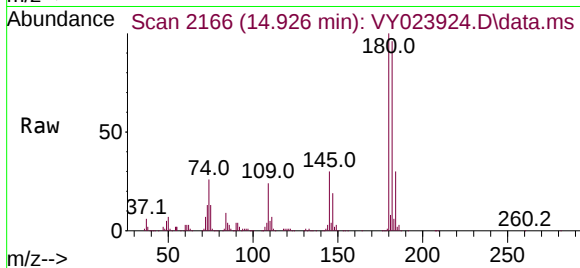
Tgt Ion:180 Resp: 327048

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.9

145 29.5 14.8 44.4



#94

Hexachlorobutadiene

Concen: 55.544 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

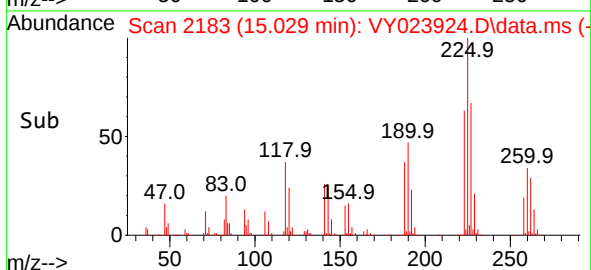
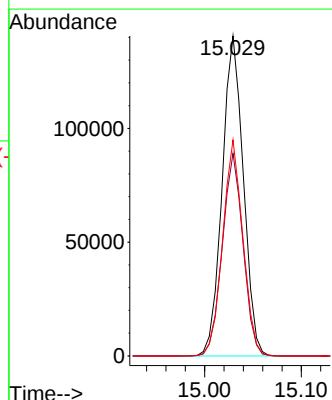
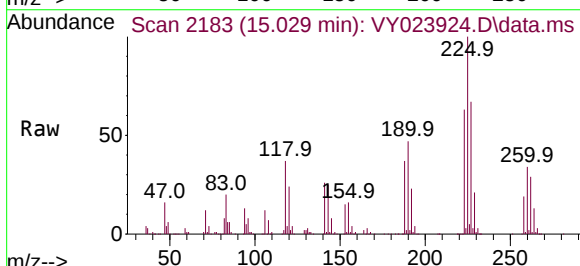
Tgt Ion:225 Resp: 214186

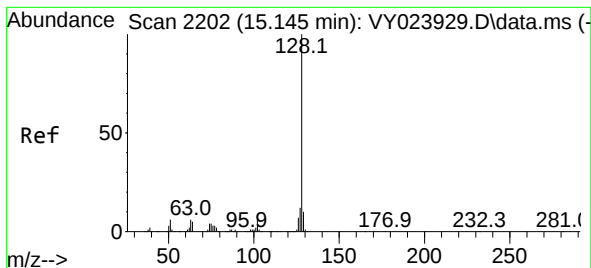
Ion Ratio Lower Upper

225 100

223 61.8 31.6 95.0

227 64.6 31.7 95.1





#95

Naphthalene

Concen: 55.502 ug/l

RT: 15.151 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

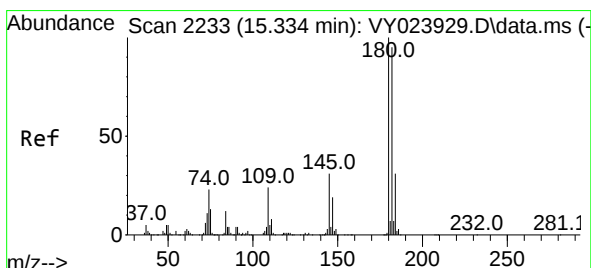
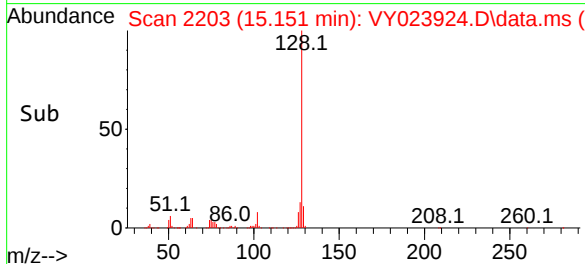
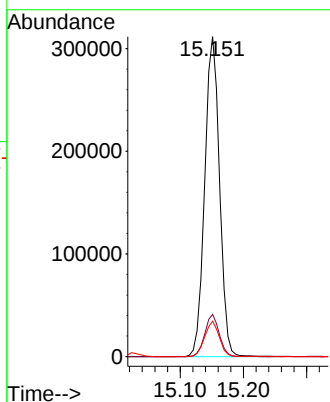
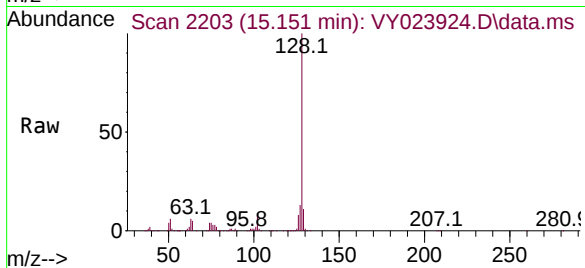
Tgt Ion:128 Resp: 504873

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.997 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY023924.D

Acq: 10 Dec 2025 08:01

Tgt Ion:180 Resp: 270315

Ion Ratio Lower Upper

180 100

182 96.0 47.8 143.4

145 31.0 15.6 46.8

