

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023941.D
 Acq On : 11 Dec 2025 09:22
 Operator : SY/MD
 Sample : VY1211SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBS01

Quant Time: Dec 12 03:17:25 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	7.713	168	538181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	764222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	660539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	353090	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	203535	42.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.540%
35) Dibromofluoromethane	7.640	113	218594	43.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.520%
50) Toluene-d8	10.109	98	813930	43.761	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.520%
62) 4-Bromofluorobenzene	12.408	95	271934	43.780	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	73193	19.612	ug/l	99
3) Chloromethane	2.074	50	89199	18.604	ug/l	93
4) Vinyl Chloride	2.208	62	109380	18.463	ug/l	99
5) Bromomethane	2.598	94	96474	19.127	ug/l	99
6) Chloroethane	2.739	64	79741	19.103	ug/l	98
7) Trichlorofluoromethane	3.062	101	175835	19.714	ug/l	98
8) Diethyl Ether	3.464	74	47292	19.300	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	103269	19.867	ug/l	99
10) Methyl Iodide	4.019	142	94822	14.738	ug/l	98
11) Tert butyl alcohol	4.872	59	26693	96.876	ug/l	97
12) 1,1-Dichloroethene	3.799	96	91086	18.650	ug/l	93
13) Acrolein	3.659	56	51538	116.950	ug/l	100
14) Allyl chloride	4.397	41	119286	19.088	ug/l	98
15) Acrylonitrile	5.074	53	94157	96.447	ug/l	98
16) Acetone	3.879	43	150508	103.273	ug/l	96
17) Carbon Disulfide	4.117	76	221113	17.048	ug/l	98
18) Methyl Acetate	4.397	43	38116	17.705	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	228947	19.603	ug/l	100
20) Methylene Chloride	4.629	84	105790	18.898	ug/l	94
21) trans-1,2-Dichloroethene	5.128	96	100062	18.663	ug/l	96
22) Diisopropyl ether	6.031	45	281358	19.773	ug/l	98
23) Vinyl Acetate	5.970	43	774720	97.985	ug/l	100
24) 1,1-Dichloroethane	5.921	63	174551	19.680	ug/l	100
25) 2-Butanone	6.903	43	154951	105.373	ug/l	99
26) 2,2-Dichloropropane	6.890	77	163678	19.764	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	121270	19.703	ug/l	99
28) Bromochloromethane	7.250	49	68504	20.502	ug/l	98
29) Tetrahydrofuran	7.268	42	72005	96.013	ug/l	98
30) Chloroform	7.427	83	189205	19.529	ug/l	99
31) Cyclohexane	7.707	56	150750	18.474	ug/l	93
32) 1,1,1-Trichloroethane	7.622	97	176693	19.667	ug/l	100
36) 1,1-Dichloropropene	7.841	75	130983	19.259	ug/l	99
37) Ethyl Acetate	6.988	43	54792	19.784	ug/l	99
38) Carbon Tetrachloride	7.823	117	164588	19.966	ug/l	98
39) Methylcyclohexane	9.116	83	170694	18.786	ug/l	95
40) Benzene	8.085	78	400873	19.356	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	23867	15.665	ug/l #	87
42) 1,2-Dichloroethane	8.165	62	107199	19.738	ug/l	98
43) Isopropyl Acetate	8.201	43	102053	19.566	ug/l	100
44) Trichloroethene	8.872	130	114672	19.095	ug/l	98
45) 1,2-Dichloropropane	9.146	63	91097	19.495	ug/l	98
46) Dibromomethane	9.238	93	54807	19.914	ug/l	99
47) Bromodichloromethane	9.427	83	143509	19.821	ug/l	100
48) Methyl methacrylate	9.225	41	47247	19.458	ug/l	98
49) 1,4-Dioxane	9.231	88	11584	377.539	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	276417	100.021	ug/l	100
52) Toluene	10.176	92	262803	19.176	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	121185	19.369	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	145080	19.677	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	75801	20.010	ug/l	96
56) Ethyl methacrylate	10.445	69	85614	19.064	ug/l	98
57) 1,3-Dichloropropane	10.719	76	122424	19.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	179313	92.181	ug/l	98
59) 2-Hexanone	10.762	43	220729	105.237	ug/l	99
60) Dibromochloromethane	10.914	129	104705	19.964	ug/l	98
61) 1,2-Dibromoethane	11.018	107	68308	19.460	ug/l	98
64) Tetrachloroethene	10.652	164	139583	19.670	ug/l	95
65) Chlorobenzene	11.444	112	298975	19.533	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	107575	20.040	ug/l	98
67) Ethyl Benzene	11.524	91	493990	19.263	ug/l	98
68) m/p-Xylenes	11.633	106	397255	39.022	ug/l	100
69) o-Xylene	11.957	106	185445	19.473	ug/l	97
70) Styrene	11.975	104	300839	19.554	ug/l	100
71) Bromoform	12.133	173	62397	19.724	ug/l #	98
73) Isopropylbenzene	12.255	105	487976	18.911	ug/l	99
74) N-amyl acetate	12.072	43	82814	18.093	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	74192	18.882	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	99761	33.401	ug/l #	100
77) Bromobenzene	12.536	156	122719	19.167	ug/l	98
78) n-propylbenzene	12.597	91	570551	19.004	ug/l	98
79) 2-Chlorotoluene	12.682	91	322975	18.938	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	396917	19.281	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	23553	17.950	ug/l	100
82) 4-Chlorotoluene	12.780	91	333127	18.975	ug/l	98
83) tert-Butylbenzene	12.999	119	369913	19.448	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	394775	19.358	ug/l	99
85) sec-Butylbenzene	13.176	105	528488	19.047	ug/l	100
86) p-Isopropyltoluene	13.292	119	447749	19.064	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	239351	19.250	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	234586	19.140	ug/l	99
89) n-Butylbenzene	13.621	91	391657	19.061	ug/l	99
90) Hexachloroethane	13.883	117	93790	19.570	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	206472	19.166	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11176	18.371	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	118040	18.643	ug/l	99
94) Hexachlorobutadiene	15.023	225	79545	19.166	ug/l	99
95) Naphthalene	15.145	128	175179	17.893	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	102331	18.993	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

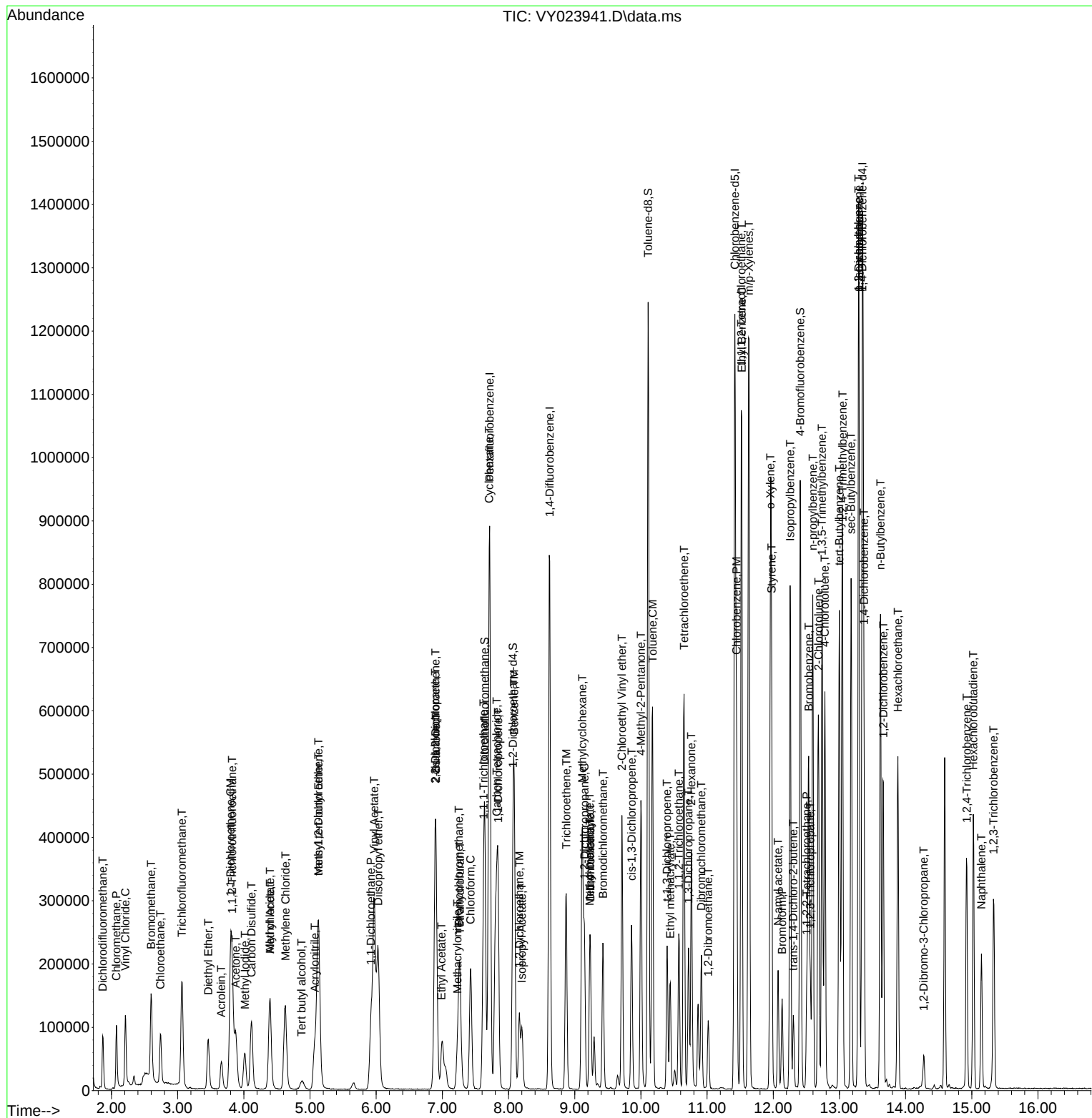
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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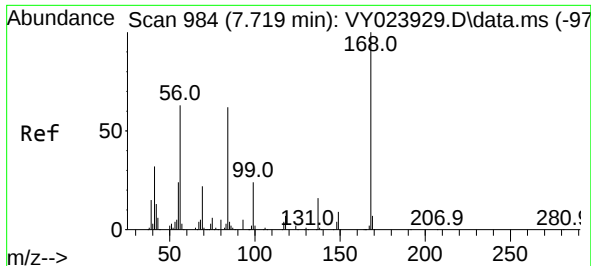
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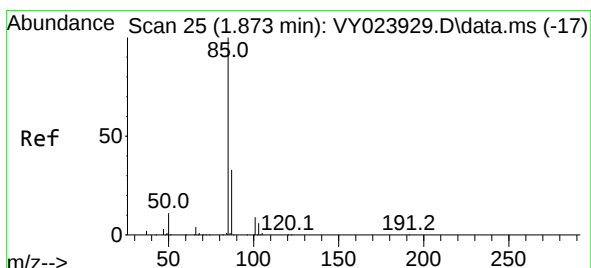
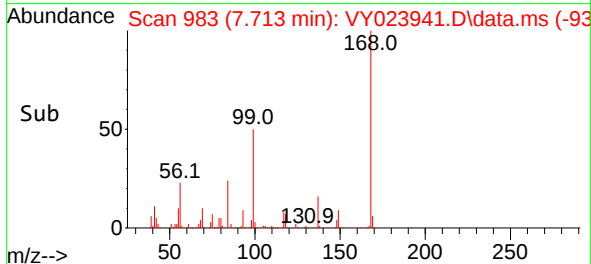
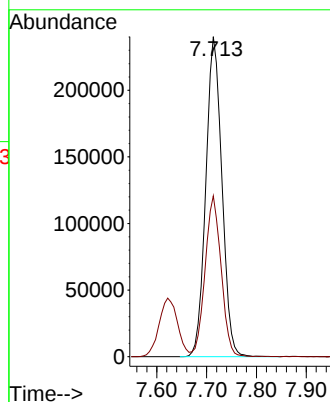
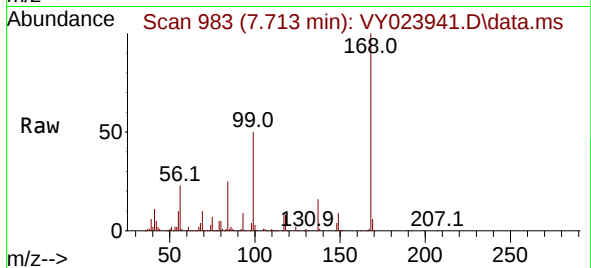




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023941.D
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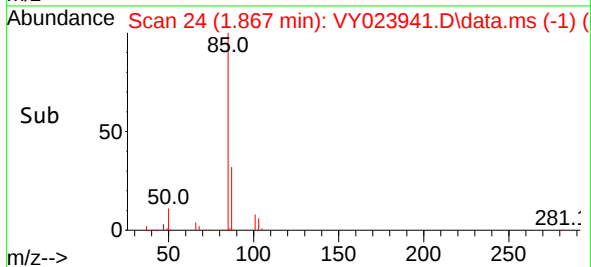
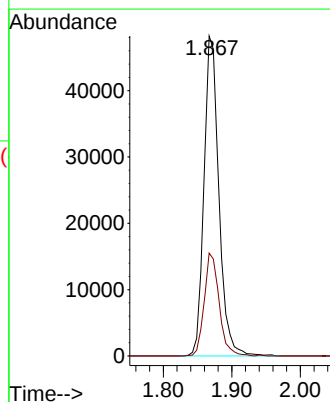
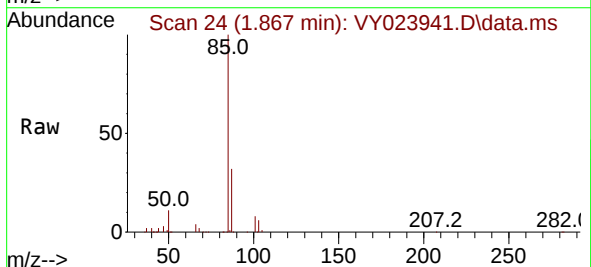
Instrument :
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ClientSampleId :
VY1211SBS01

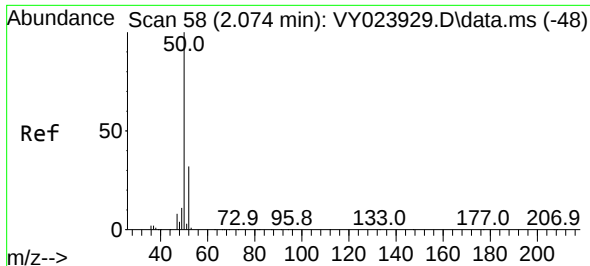
Tgt Ion:168 Resp: 538181
Ion Ratio Lower Upper
168 100
99 50.2 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 19.612 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 85 Resp: 73193
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.1

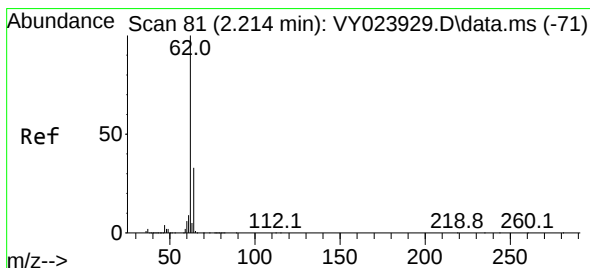
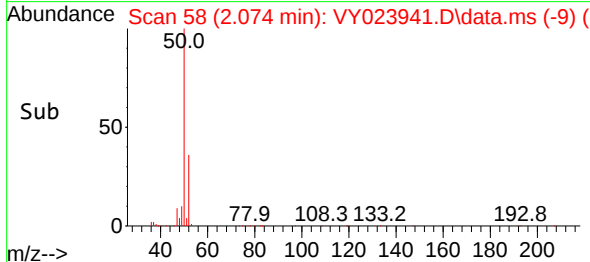
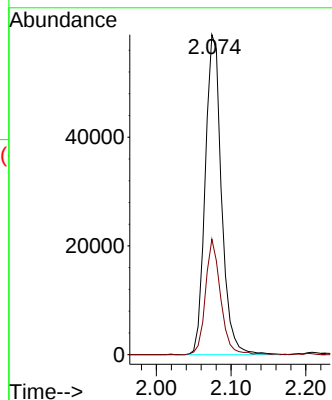
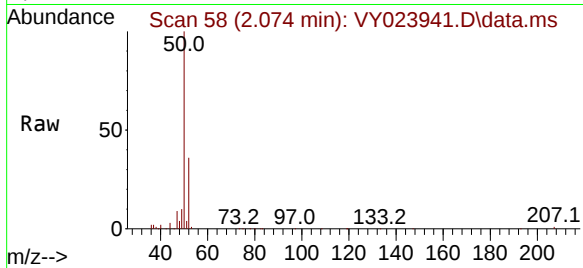




#3
Chloromethane
Concen: 18.604 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

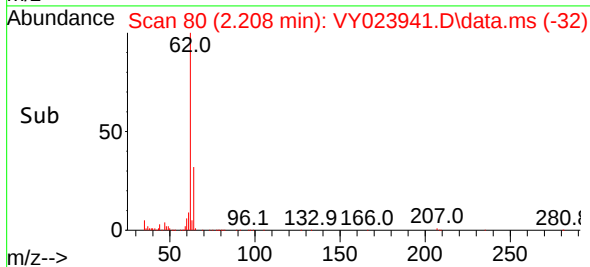
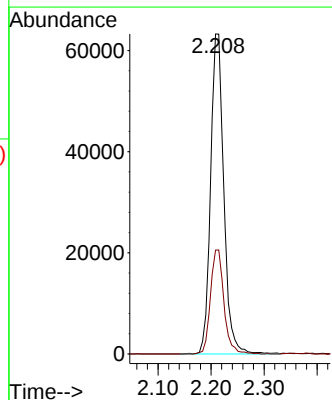
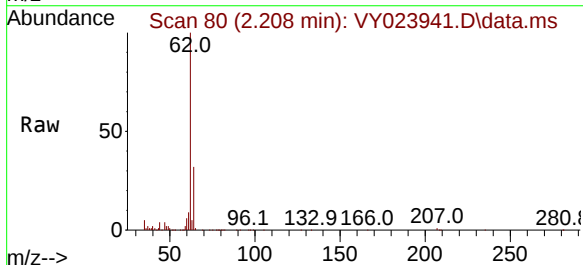
Instrument :
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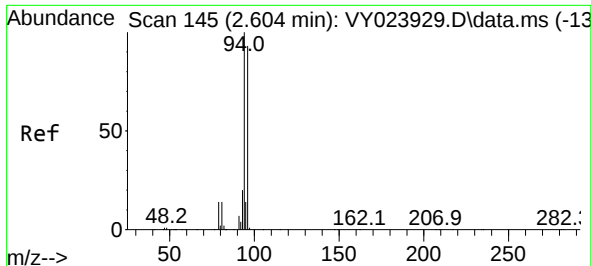
Tgt Ion: 50 Resp: 89199
Ion Ratio Lower Upper
50 100
52 36.1 25.8 38.8



#4
Vinyl Chloride
Concen: 18.463 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 62 Resp: 109380
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.4

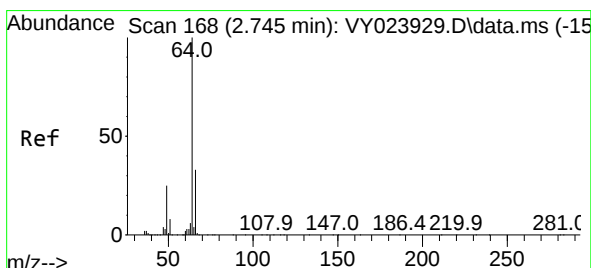
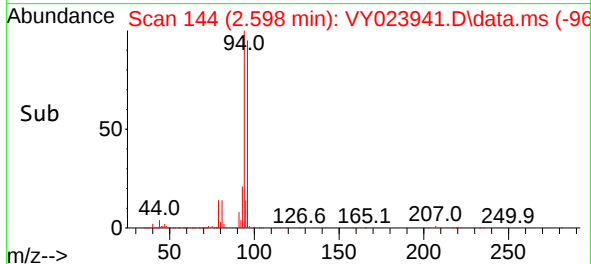
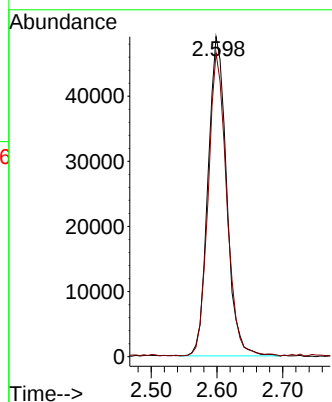
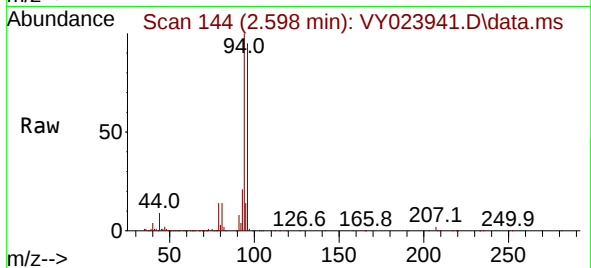




#5
Bromomethane
Concen: 19.127 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023941.D
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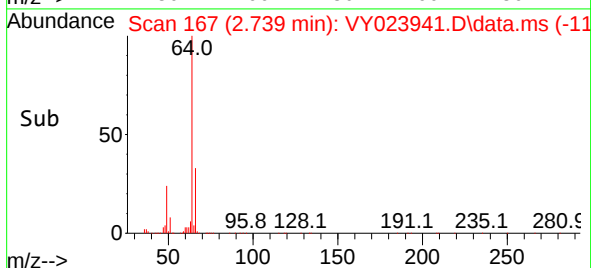
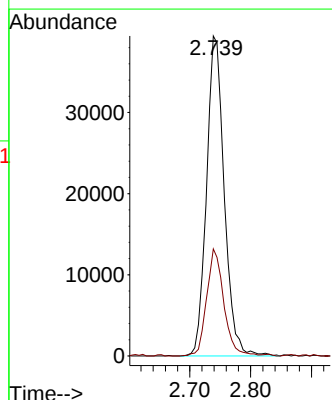
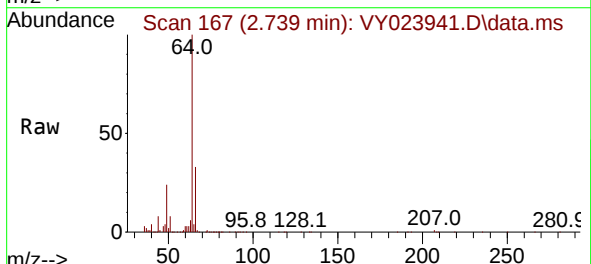
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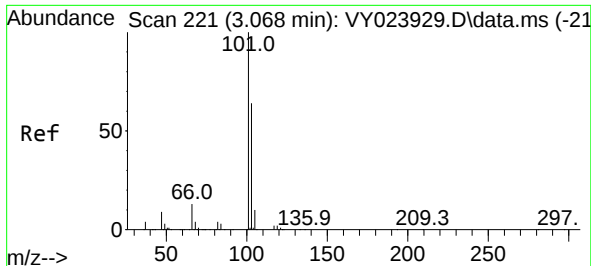
Tgt Ion: 94 Resp: 96474
Ion Ratio Lower Upper
94 100
96 94.9 74.8 112.2



#6
Chloroethane
Concen: 19.103 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.006 min
Lab File: VY023941.D
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Tgt Ion: 64 Resp: 79741
Ion Ratio Lower Upper
64 100
66 33.4 26.0 39.0

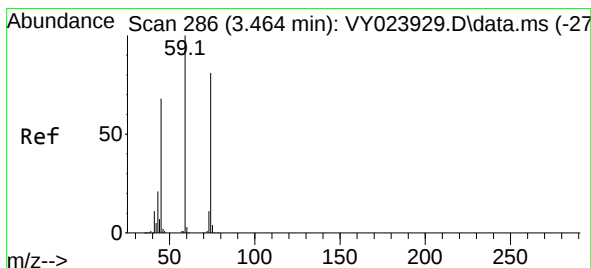
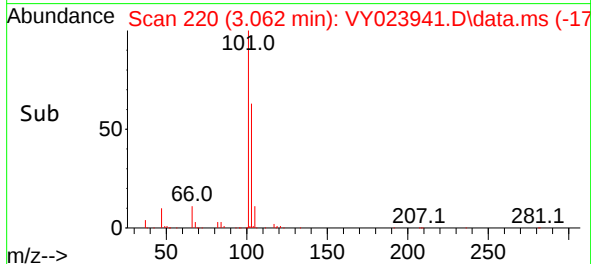
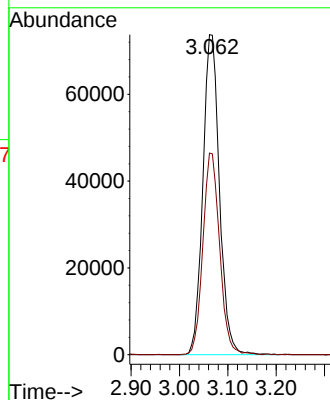
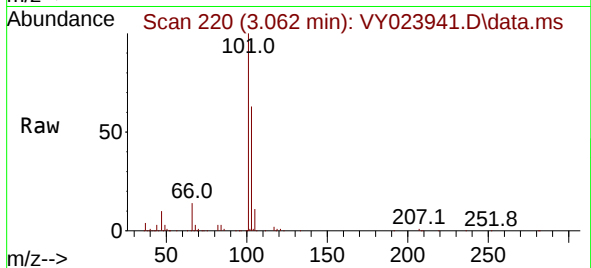




#7
Trichlorofluoromethane
Concen: 19.714 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

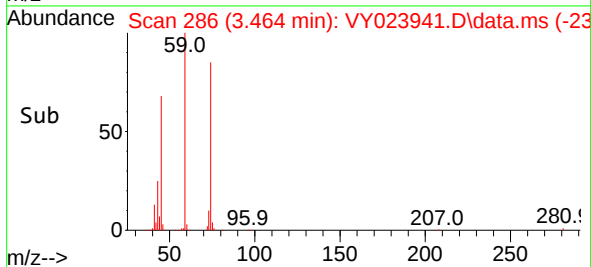
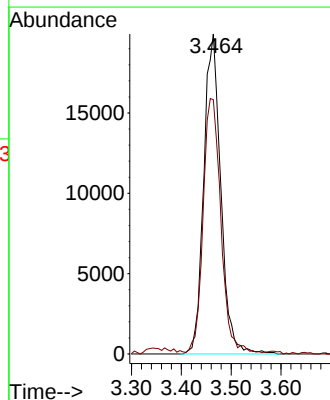
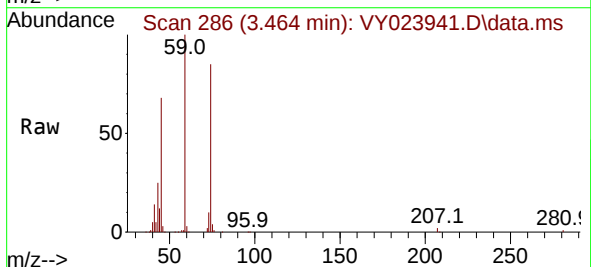
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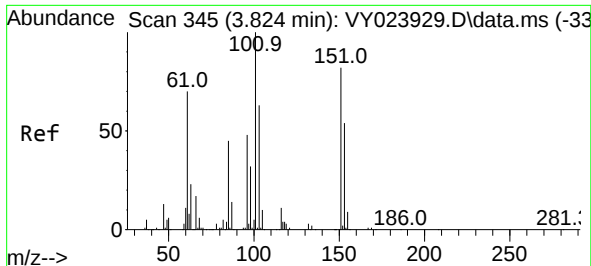
Tgt Ion:101 Resp: 175835
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2



#8
Diethyl Ether
Concen: 19.300 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 74 Resp: 47292
Ion Ratio Lower Upper
74 100
45 81.7 42.0 126.1

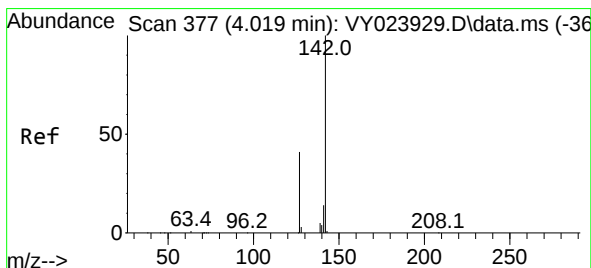
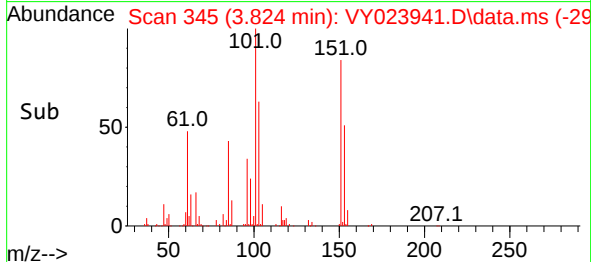
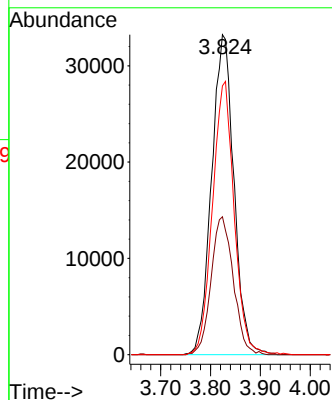
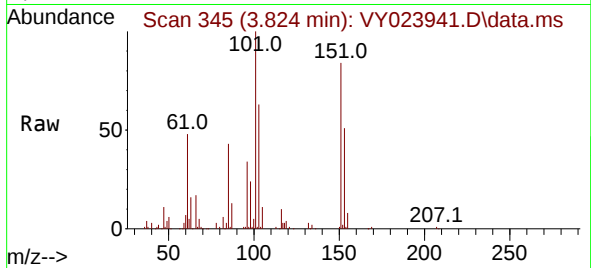




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.867 ug/l
RT: 3.824 min Scan# 345
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

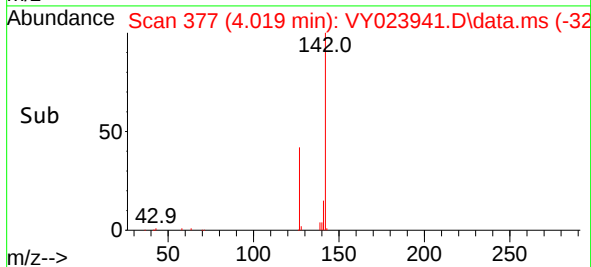
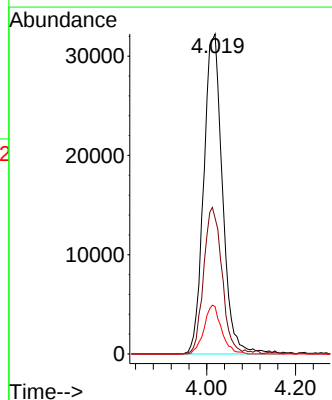
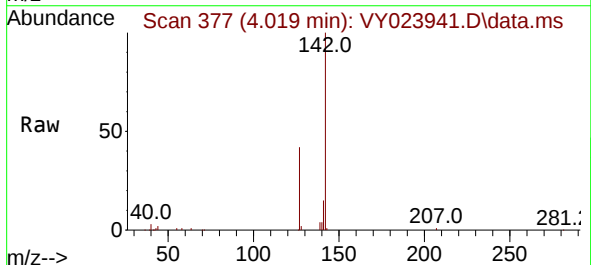
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

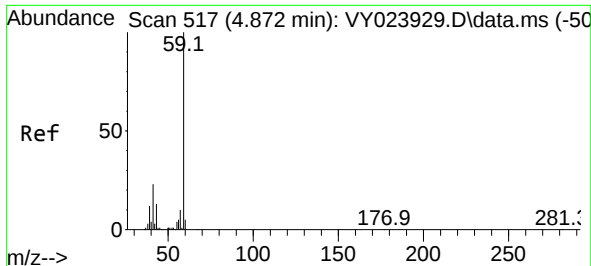
Tgt Ion:101 Resp: 103269
Ion Ratio Lower Upper
101 100
85 42.9 35.1 52.7
151 83.1 67.2 100.8



#10
Methyl Iodide
Concen: 14.738 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion:142 Resp: 94822
Ion Ratio Lower Upper
142 100
127 45.0 34.5 51.7
141 14.2 11.5 17.3





#11

Tert butyl alcohol

Concen: 96.876 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

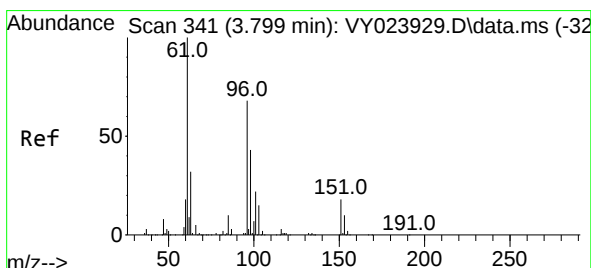
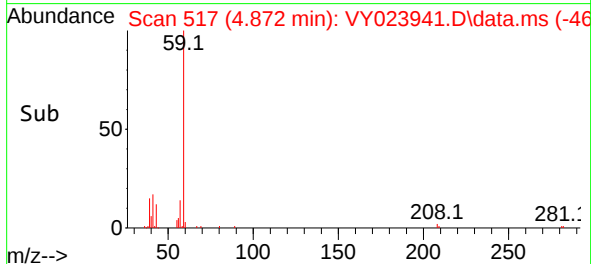
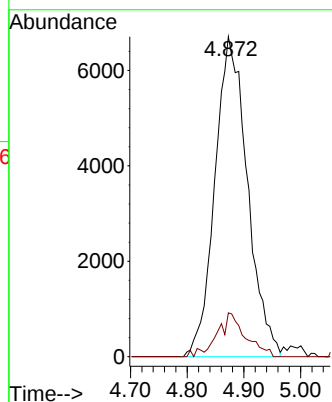
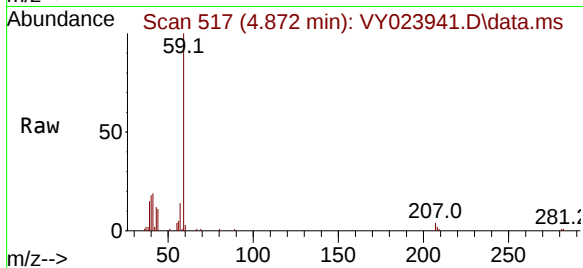
VY1211SBS01

Tgt Ion: 59 Resp: 26693

Ion Ratio Lower Upper

59 100

57 12.0 8.7 13.1



#12

1,1-Dichloroethene

Concen: 18.650 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

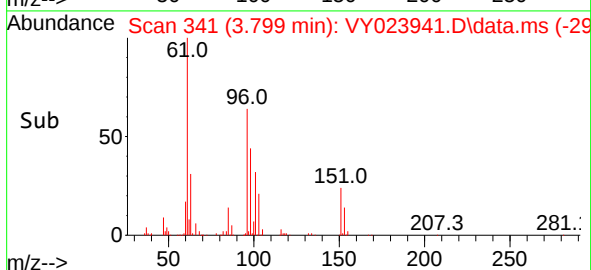
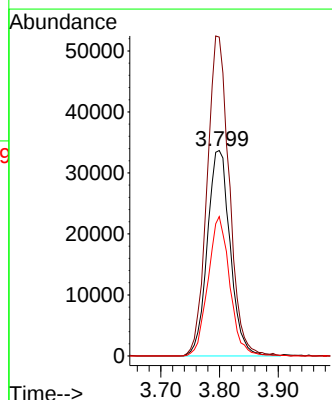
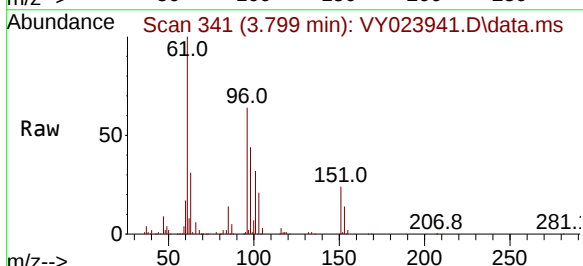
Tgt Ion: 96 Resp: 91086

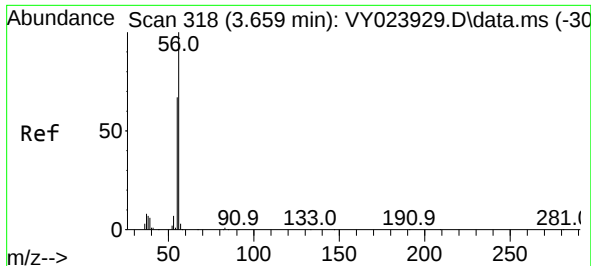
Ion Ratio Lower Upper

96 100

61 155.2 117.0 175.6

98 67.8 50.5 75.7

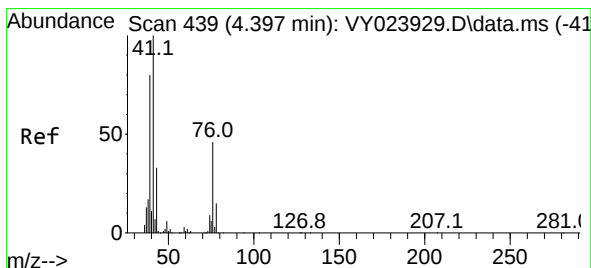
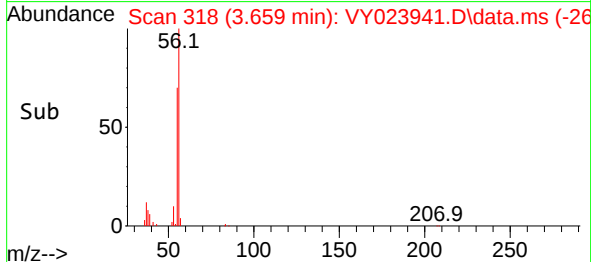
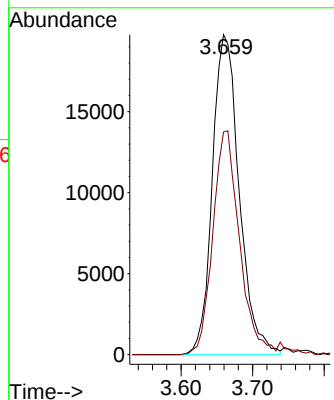
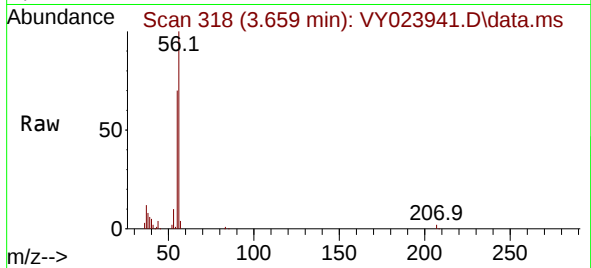




#13
Acrolein
Concen: 116.950 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

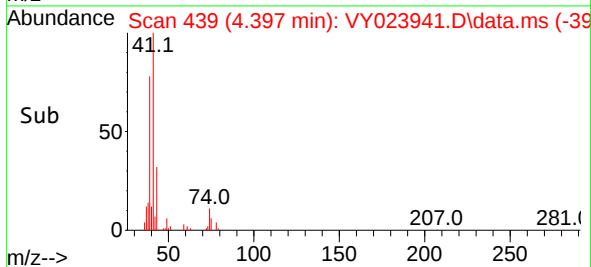
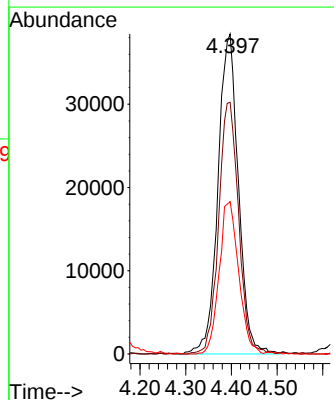
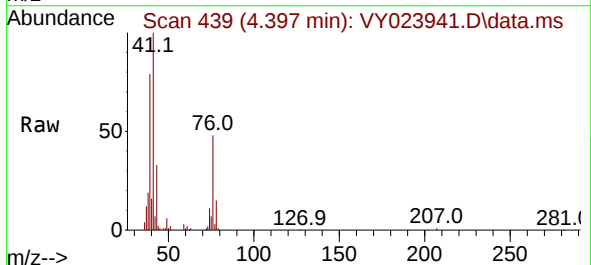
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

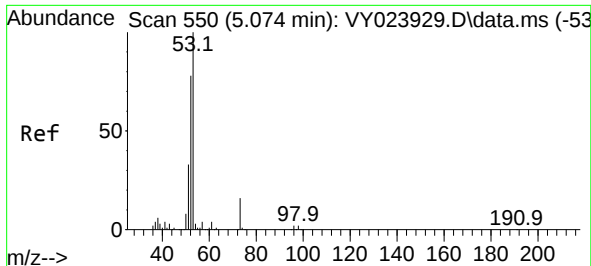
Tgt Ion: 56 Resp: 51538
Ion Ratio Lower Upper
56 100
55 69.3 55.7 83.5



#14
Allyl chloride
Concen: 19.088 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 41 Resp: 119286
Ion Ratio Lower Upper
41 100
39 76.8 62.9 94.3
76 45.6 35.7 53.5

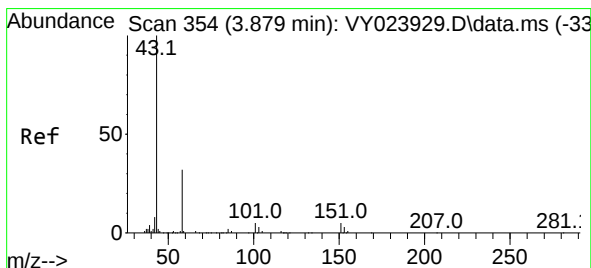
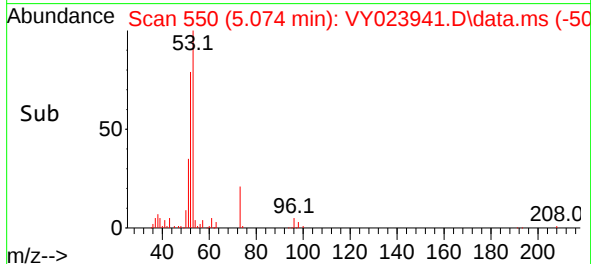
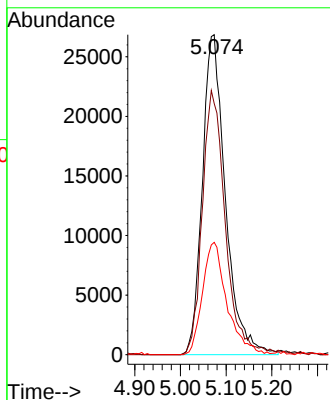
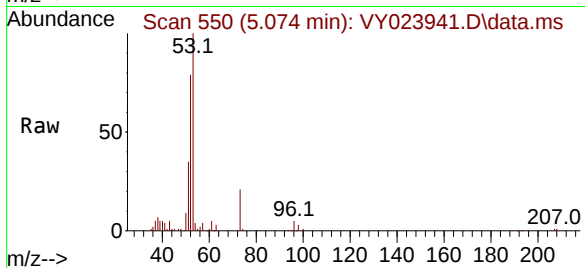




#15
Acrylonitrile
Concen: 96.447 ug/l
RT: 5.074 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

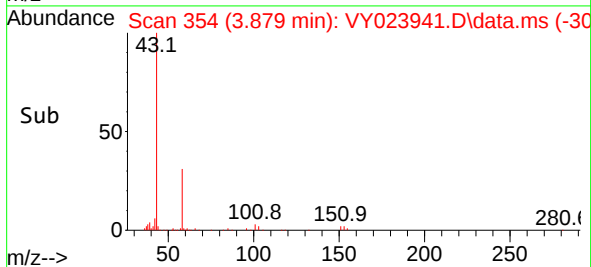
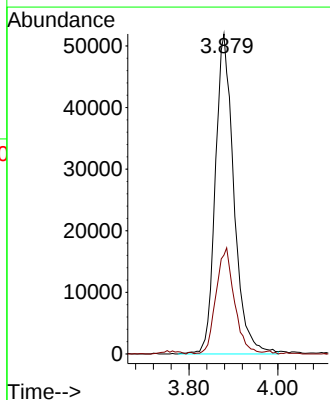
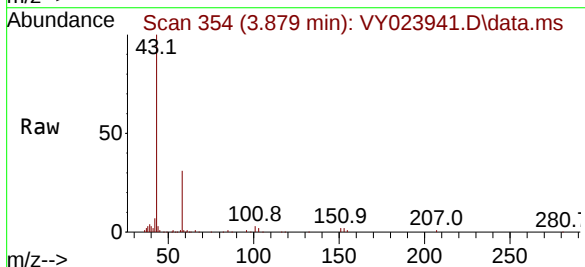
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

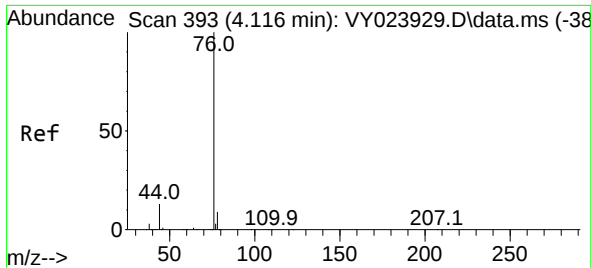
Tgt Ion: 53 Resp: 94157
Ion Ratio Lower Upper
53 100
52 82.1 64.2 96.2
51 37.3 29.3 43.9



#16
Acetone
Concen: 103.273 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 43 Resp: 150508
Ion Ratio Lower Upper
43 100
58 30.9 26.4 39.6

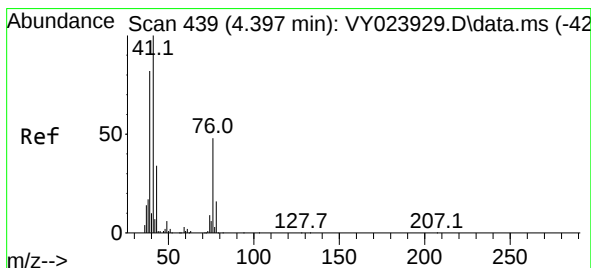
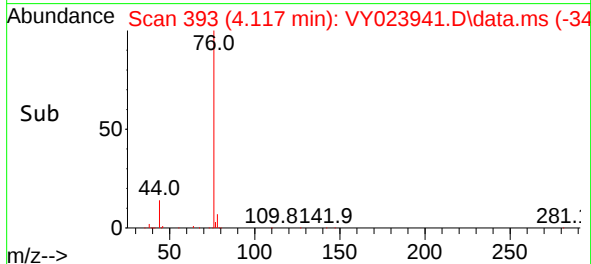
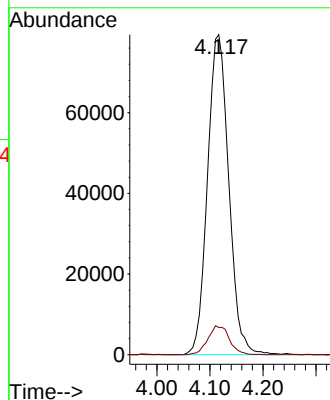
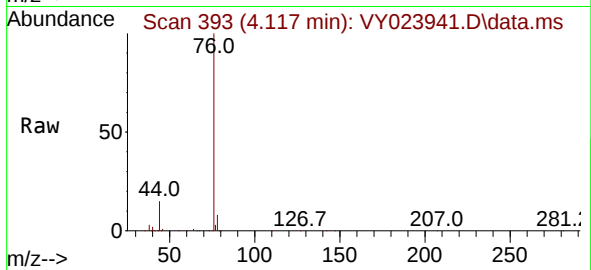




#17
Carbon Disulfide
Concen: 17.048 ug/l
RT: 4.117 min Scan# 393
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

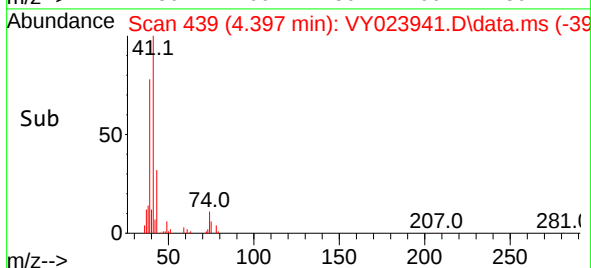
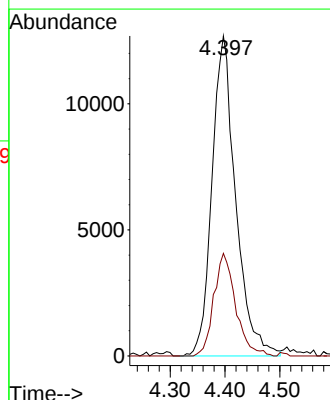
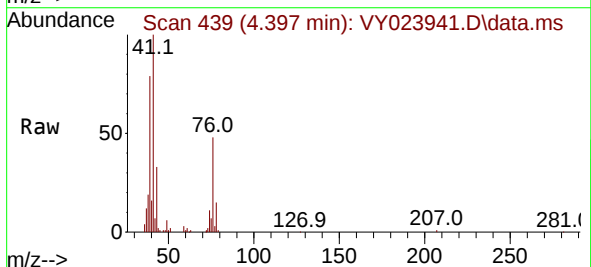
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

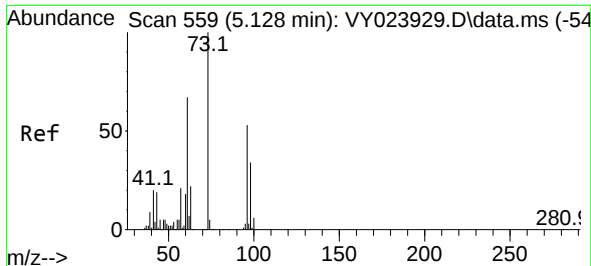
Tgt Ion: 76 Resp: 221113
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 17.705 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 43 Resp: 38116
Ion Ratio Lower Upper
43 100
74 29.6 22.6 33.8

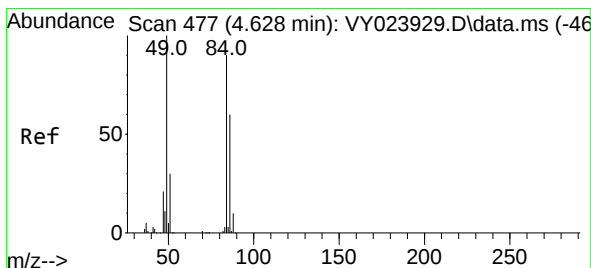
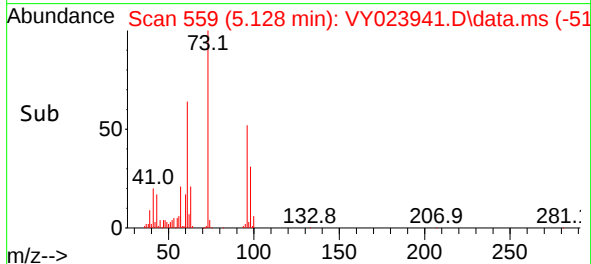
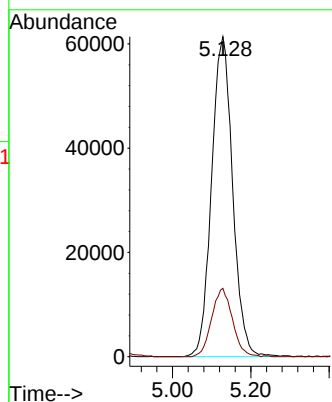
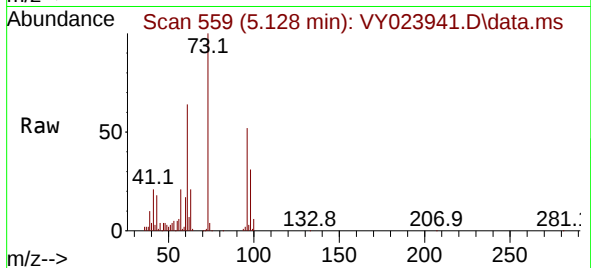




#19
Methyl tert-butyl Ether
Concen: 19.603 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

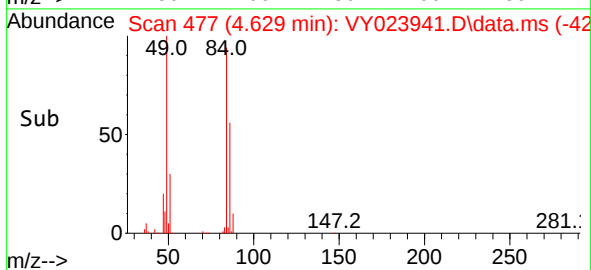
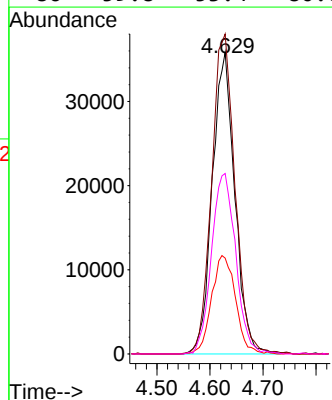
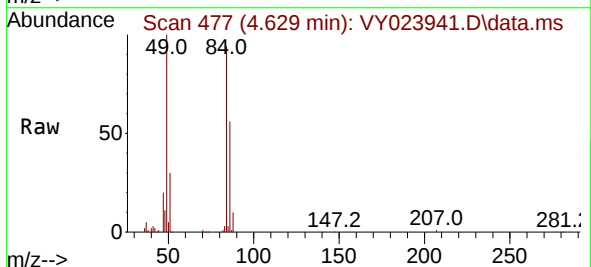
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

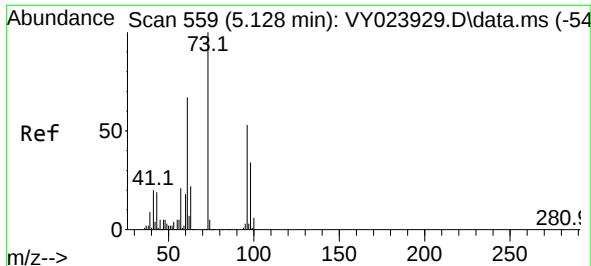
Tgt Ion: 73 Resp: 228947
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7



#20
Methylene Chloride
Concen: 18.898 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 84 Resp: 105790
Ion Ratio Lower Upper
84 100
49 106.0 89.1 133.7
51 31.7 26.6 39.8
86 59.8 53.4 80.0

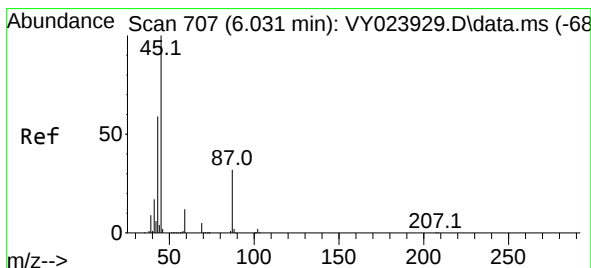
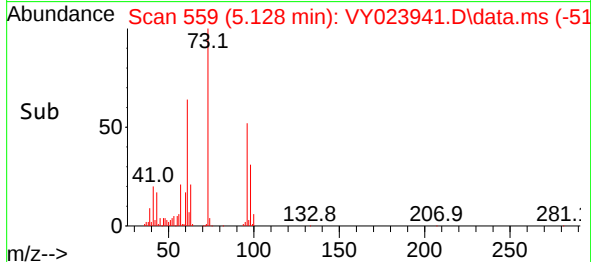
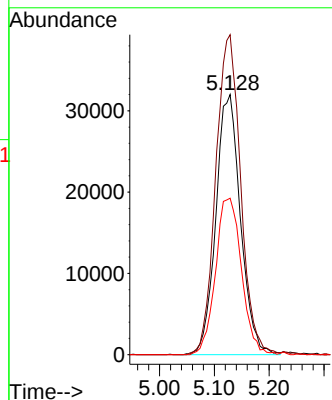
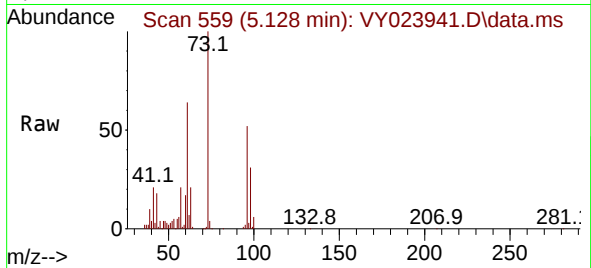




#21
trans-1,2-Dichloroethene
Concen: 18.663 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

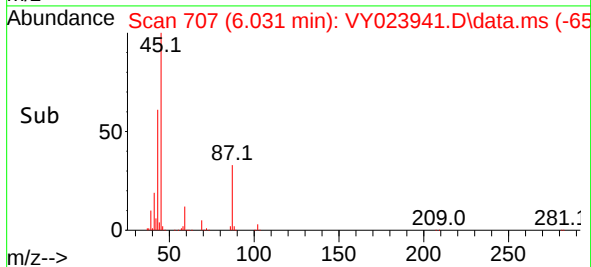
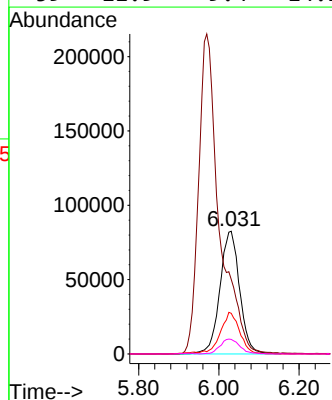
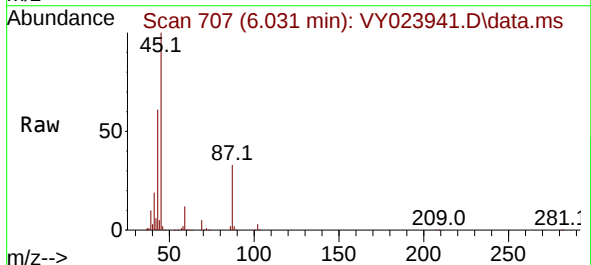
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

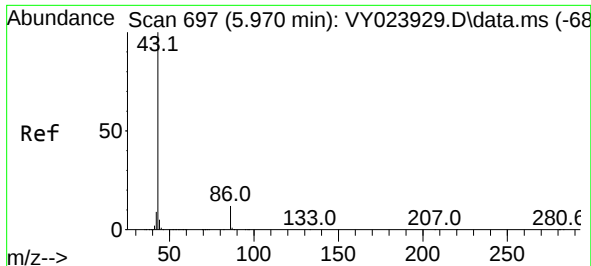
Tgt Ion: 96 Resp: 100062
Ion Ratio Lower Upper
96 100
61 123.0 101.4 152.0
98 60.2 51.7 77.5



#22
Diisopropyl ether
Concen: 19.773 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 45 Resp: 281358
Ion Ratio Lower Upper
45 100
43 60.5 47.0 70.6
87 33.1 26.0 39.0
59 11.9 9.4 14.2

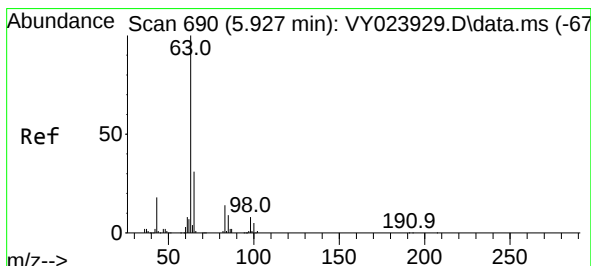
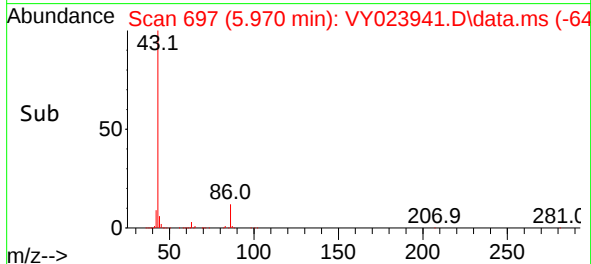
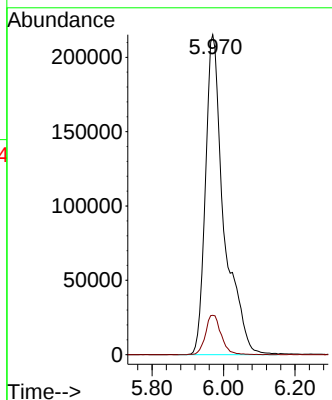
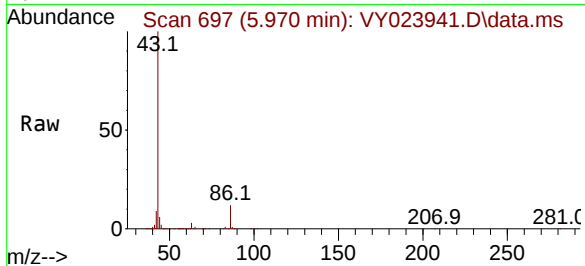




#23
 Vinyl Acetate
 Concen: 97.985 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY023941.D
 Acq: 11 Dec 2025 09:22

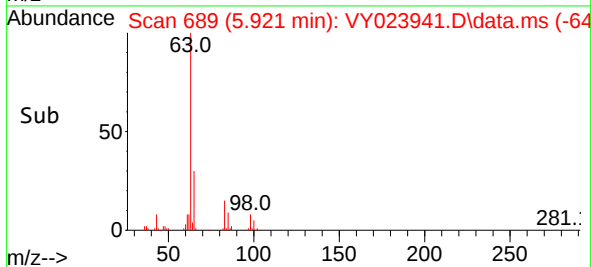
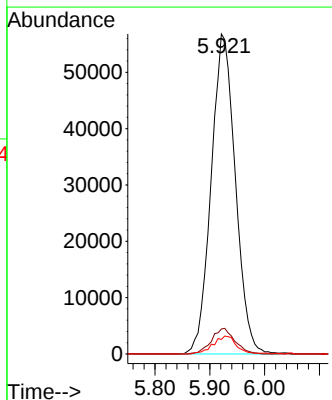
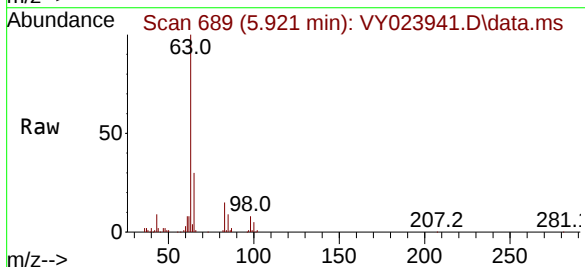
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBS01

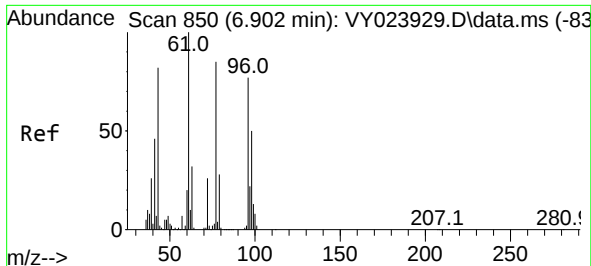
Tgt Ion: 43 Resp: 774720
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 19.680 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY023941.D
 Acq: 11 Dec 2025 09:22

Tgt Ion: 63 Resp: 174551
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.4
 100 4.6 2.3 6.9

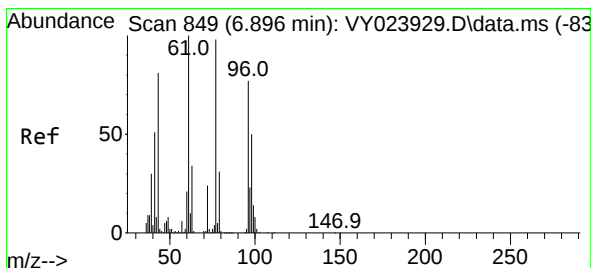
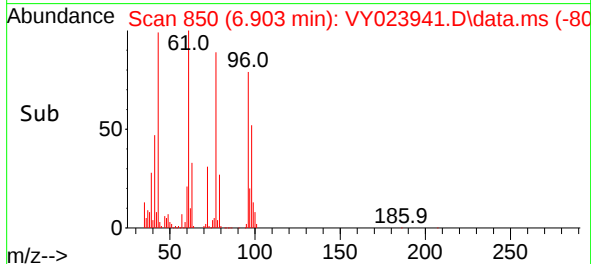
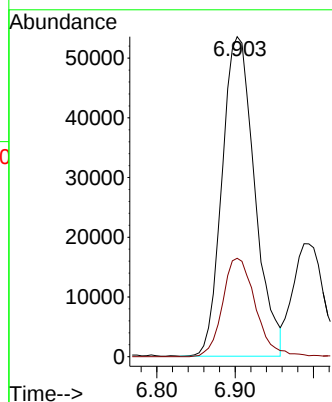
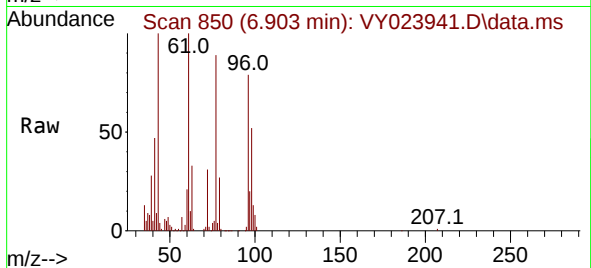




#25
2-Butanone
Concen: 105.373 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

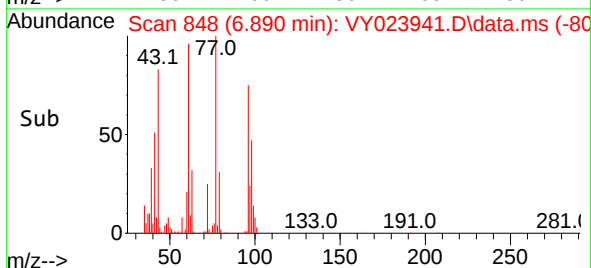
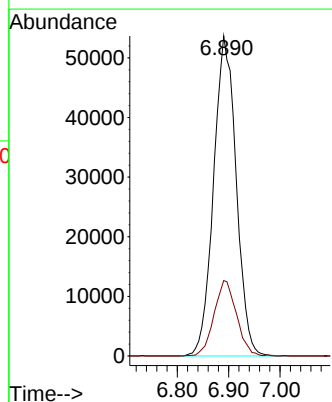
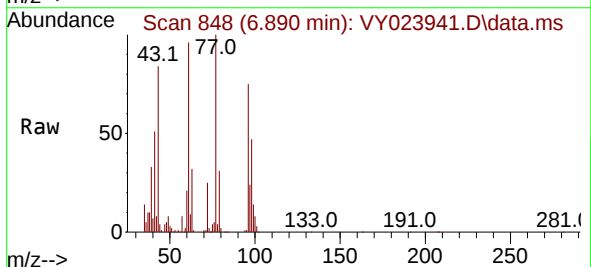
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

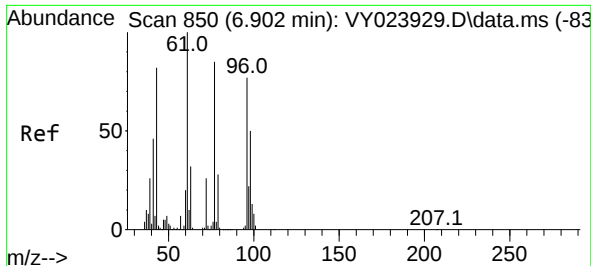
Tgt Ion: 43 Resp: 154951
Ion Ratio Lower Upper
43 100
72 30.8 25.0 37.6



#26
2,2-Dichloropropane
Concen: 19.764 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 77 Resp: 163678
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.9

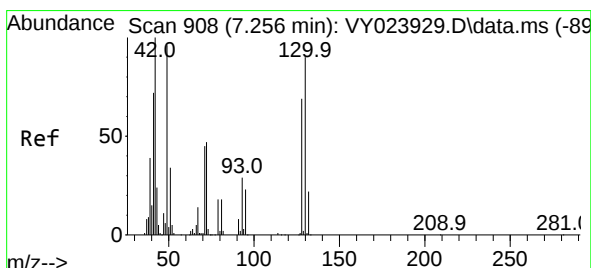
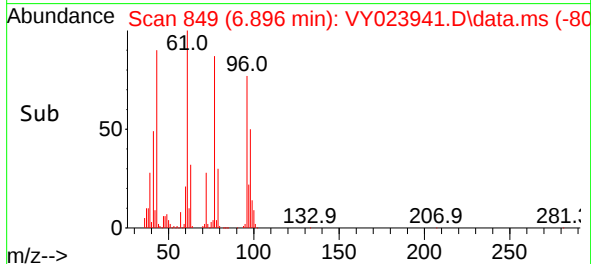
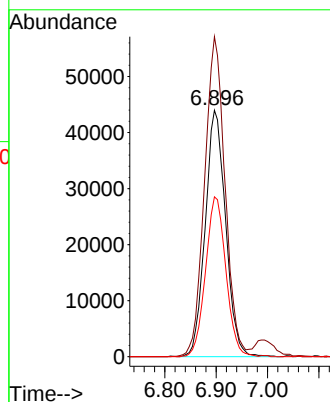
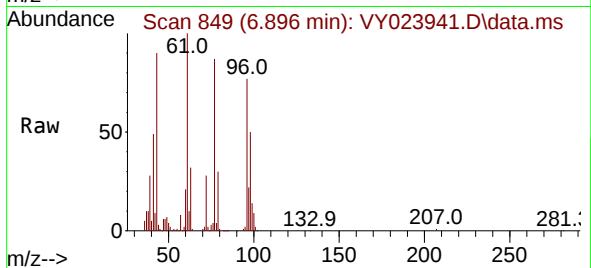




#27
cis-1,2-Dichloroethene
Concen: 19.703 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

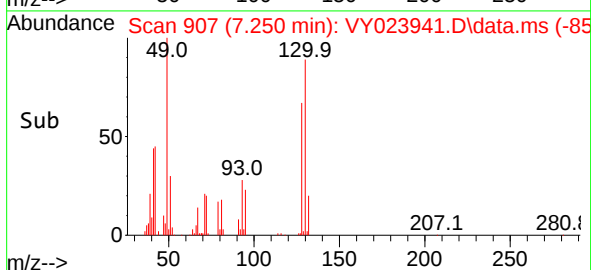
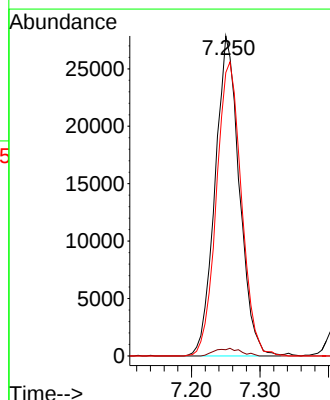
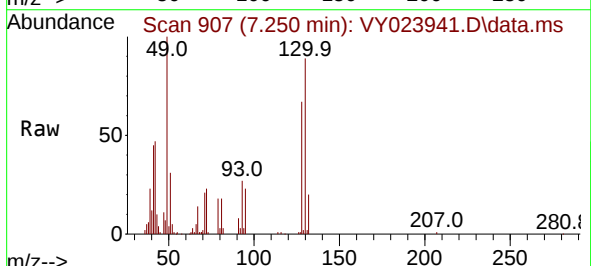
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

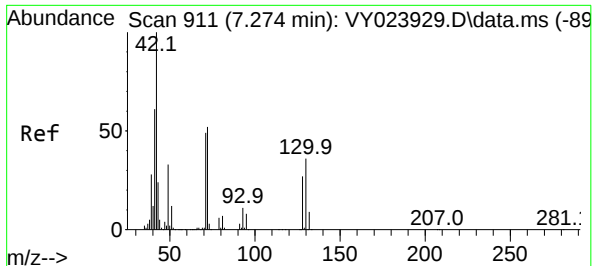
Tgt Ion: 96 Resp: 121270
Ion Ratio Lower Upper
96 100
61 130.5 0.0 264.6
98 64.7 0.0 129.6



#28
Bromochloromethane
Concen: 20.502 ug/l
RT: 7.250 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 49 Resp: 68504
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.4
130 94.5 74.4 111.6





#29

Tetrahydrofuran

Concen: 96.013 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBS01

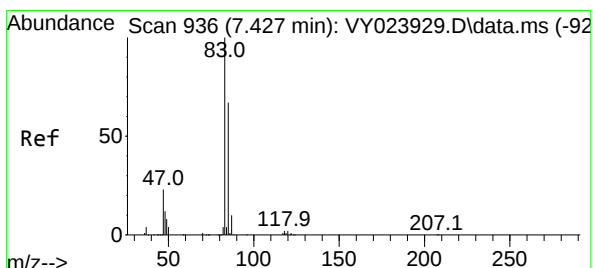
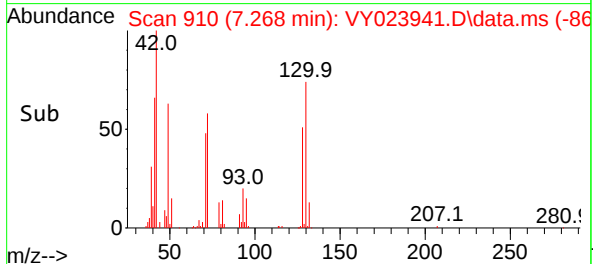
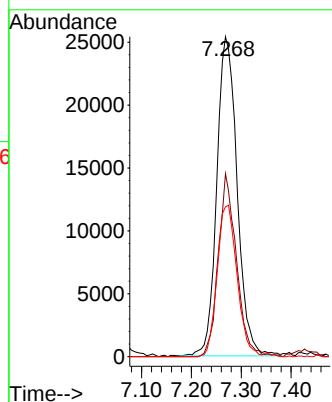
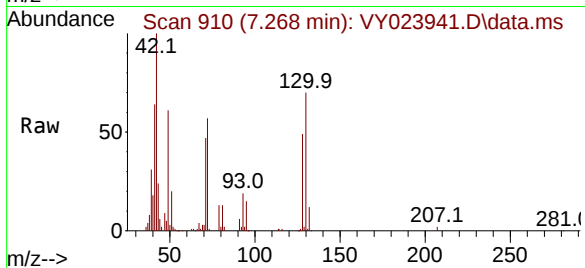
Tgt Ion: 42 Resp: 72005

Ion Ratio Lower Upper

42 100

72 51.4 40.0 60.0

71 46.1 37.7 56.5



#30

Chloroform

Concen: 19.529 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY023941.D

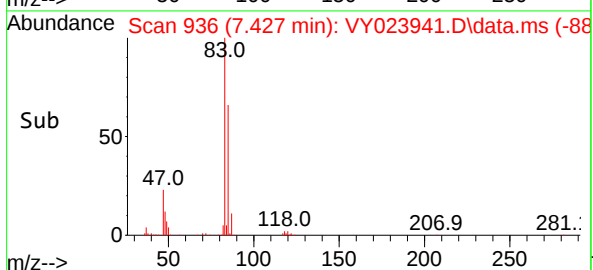
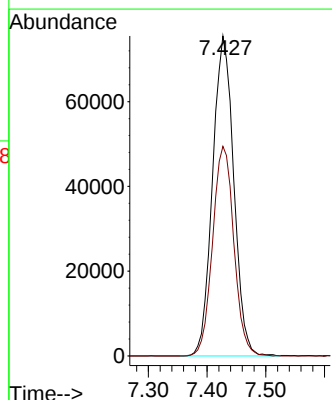
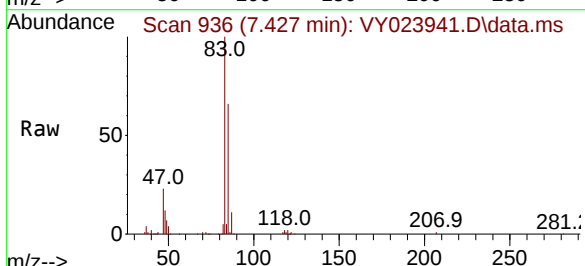
Acq: 11 Dec 2025 09:22

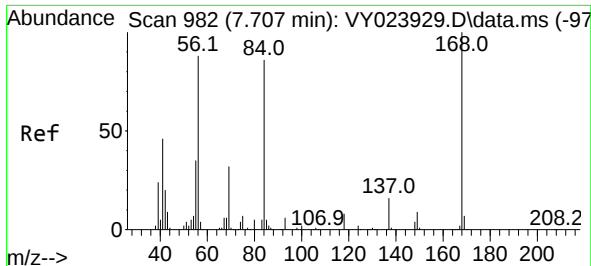
Tgt Ion: 83 Resp: 189205

Ion Ratio Lower Upper

83 100

85 65.5 53.4 80.0

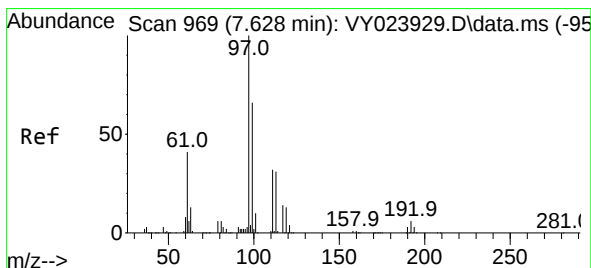
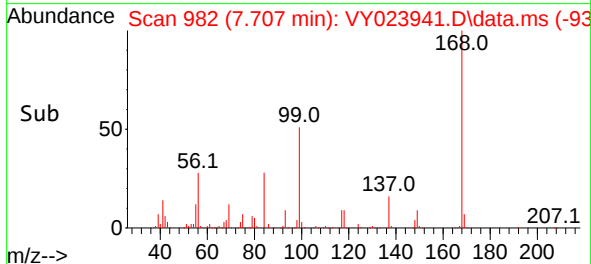
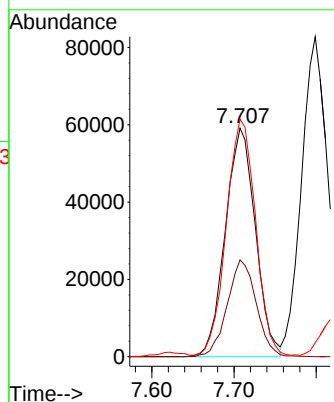
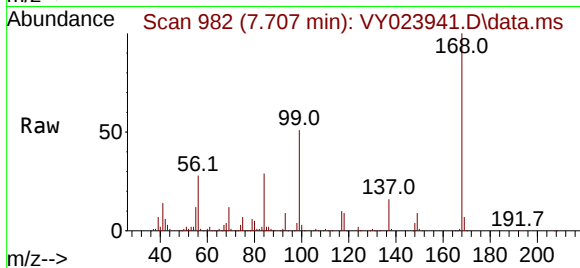




#31
Cyclohexane
Concen: 18.474 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

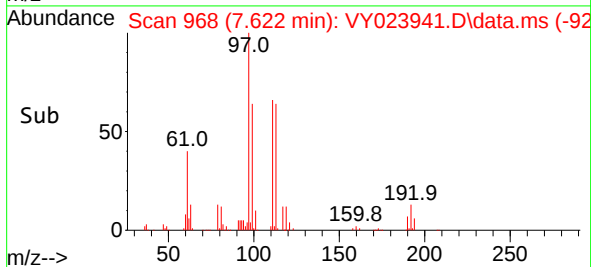
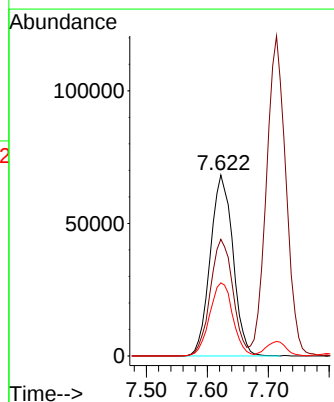
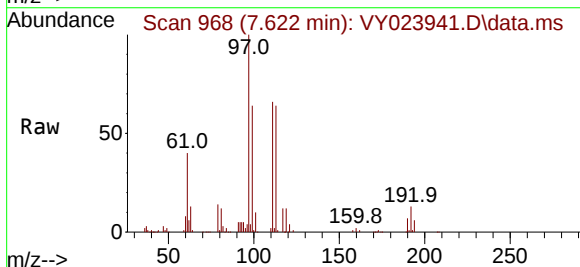
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

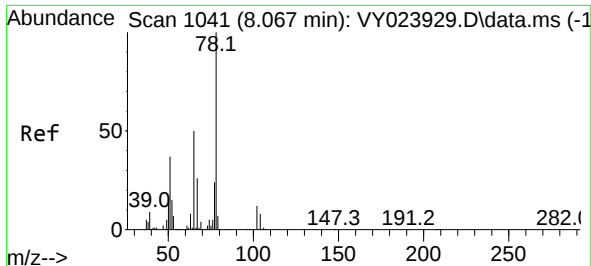
Tgt Ion: 56 Resp: 150750
Ion Ratio Lower Upper
56 100
69 42.4 29.1 43.7
84 102.5 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 19.667 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 97 Resp: 176693
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 41.3 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 42.775 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

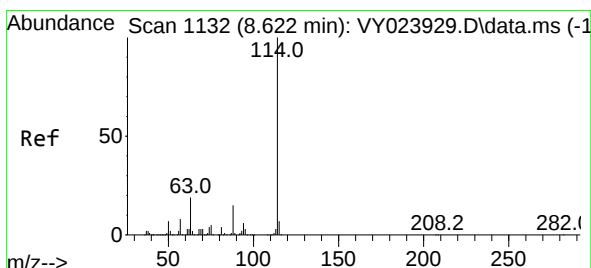
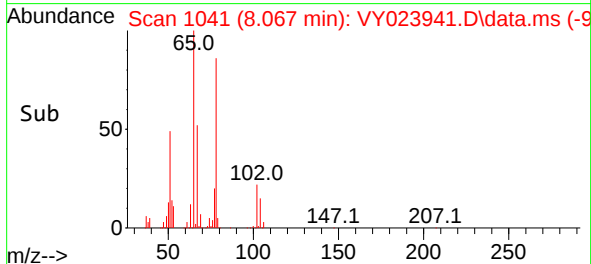
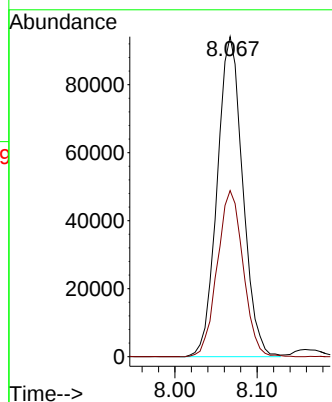
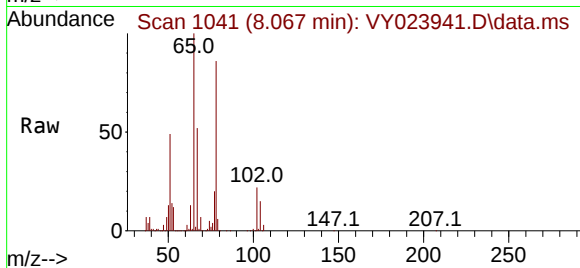
VY1211SBS01

Tgt Ion: 65 Resp: 203535

Ion Ratio Lower Upper

65 100

67 52.5 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: VY023941.D

Acq: 11 Dec 2025 09:22

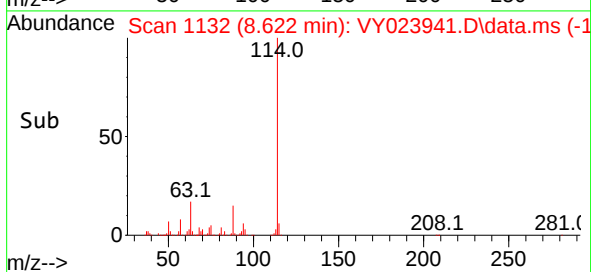
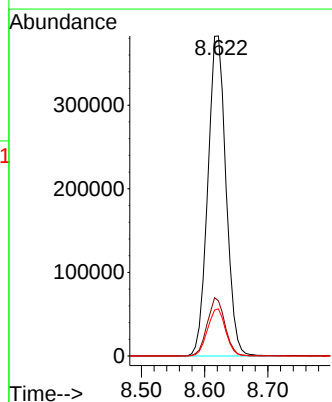
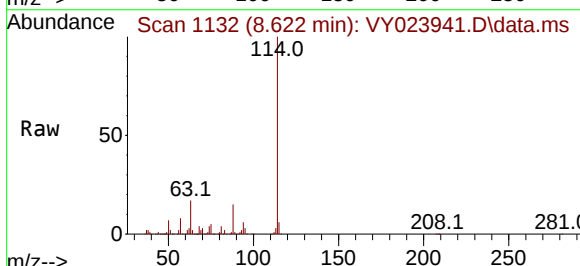
Tgt Ion: 114 Resp: 764222

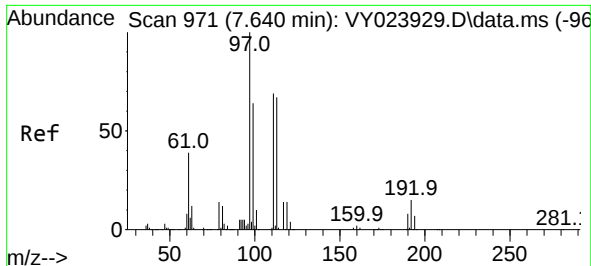
Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.2

88 14.7 0.0 29.4

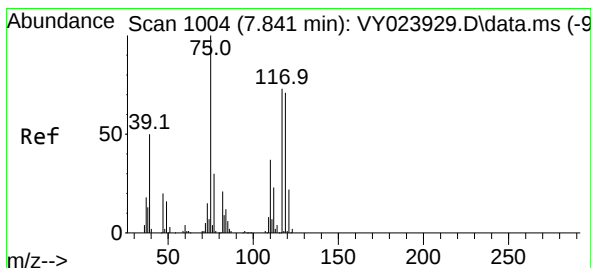
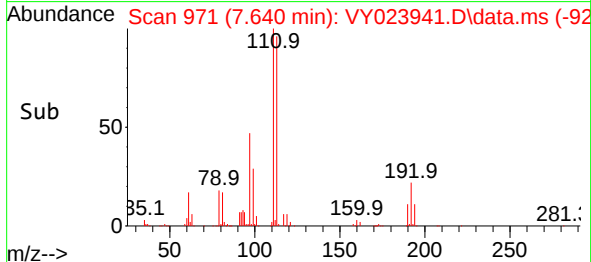
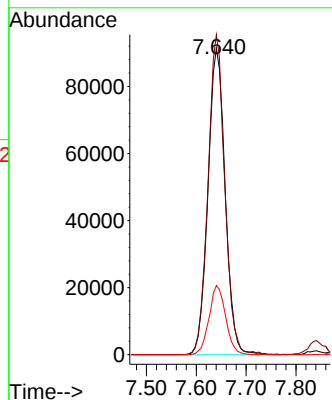
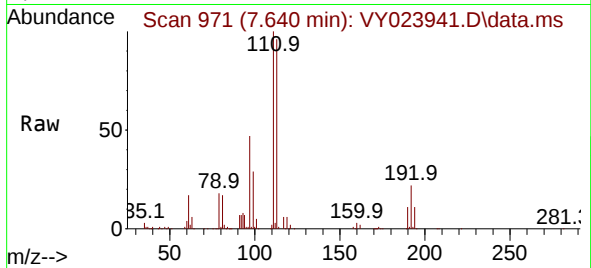




#35
Dibromofluoromethane
Concen: 43.757 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

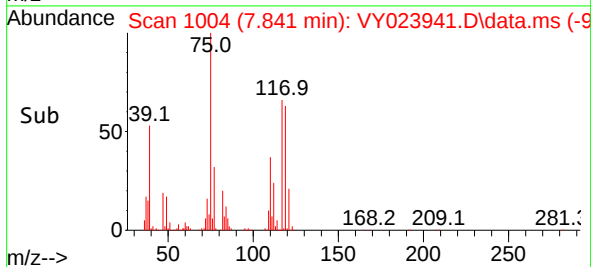
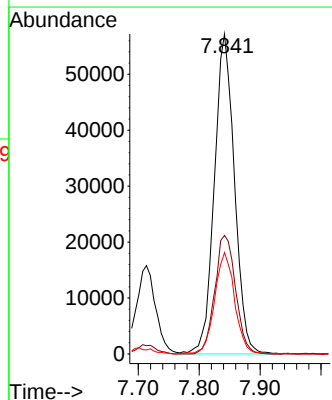
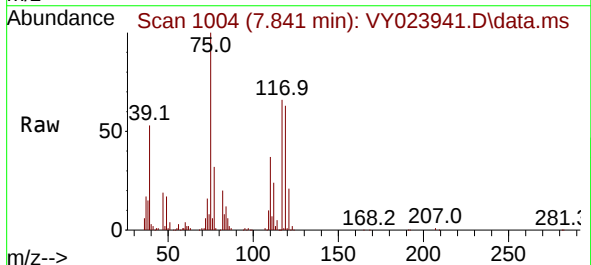
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

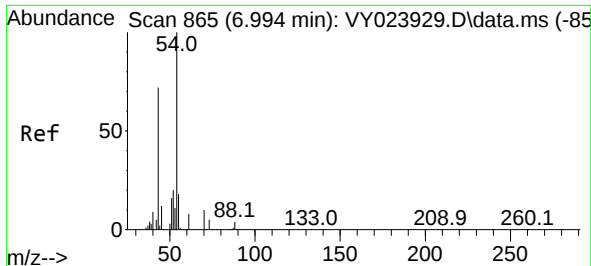
Tgt Ion:113 Resp: 218594
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 21.9 17.9 26.9



#36
1,1-Dichloropropene
Concen: 19.259 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 75 Resp: 130983
Ion Ratio Lower Upper
75 100
110 38.3 19.2 57.6
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 19.784 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBS01

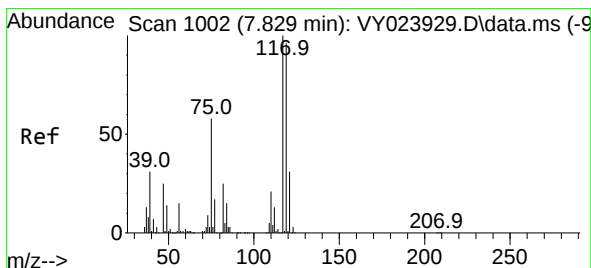
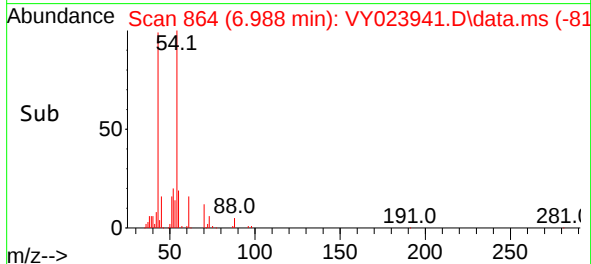
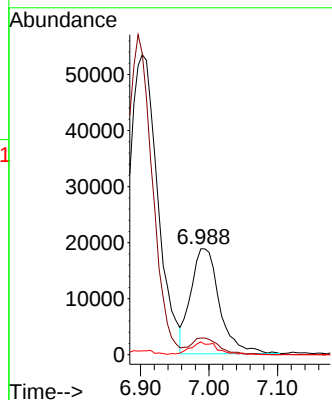
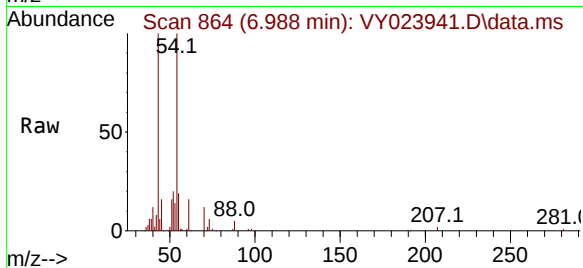
Tgt Ion: 43 Resp: 54792

Ion Ratio Lower Upper

43 100

61 14.0 11.9 17.9

70 11.3 9.2 13.8



#38

Carbon Tetrachloride

Concen: 19.966 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

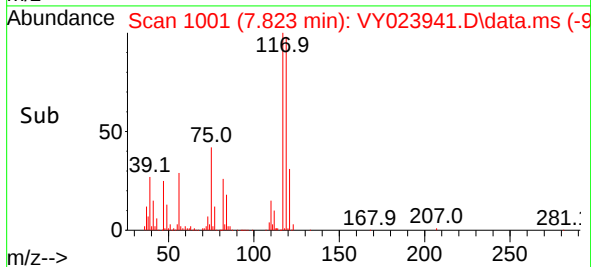
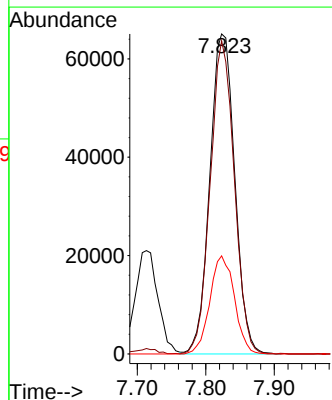
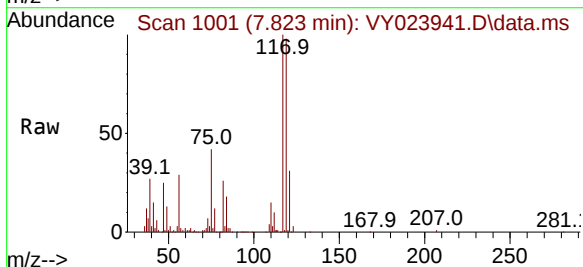
Tgt Ion: 117 Resp: 164588

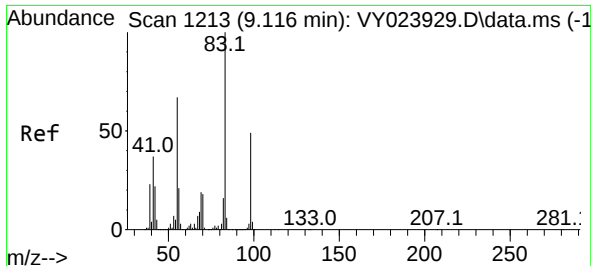
Ion Ratio Lower Upper

117 100

119 97.8 76.6 114.8

121 30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 18.786 ug/l

RT: 9.116 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBS01

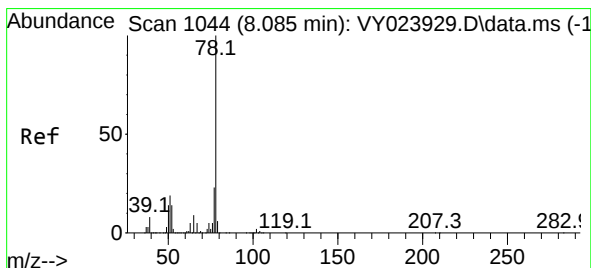
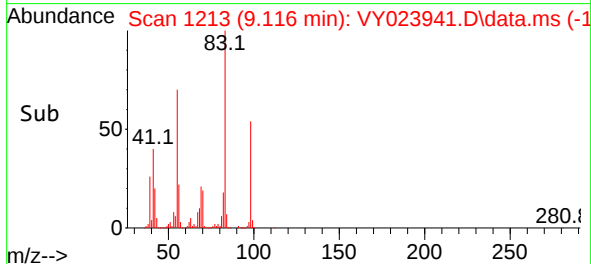
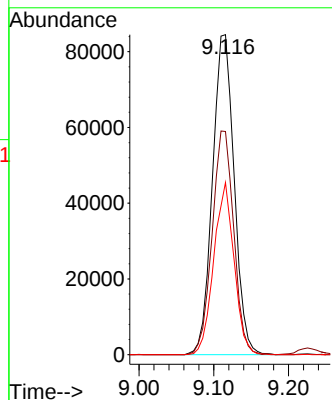
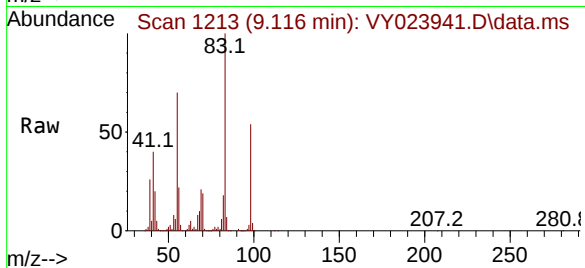
Tgt Ion: 83 Resp: 170694

Ion Ratio Lower Upper

83 100

55 69.7 53.4 80.0

98 53.8 39.2 58.8



#40

Benzene

Concen: 19.356 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY023941.D

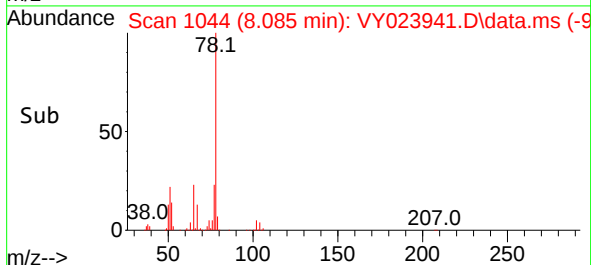
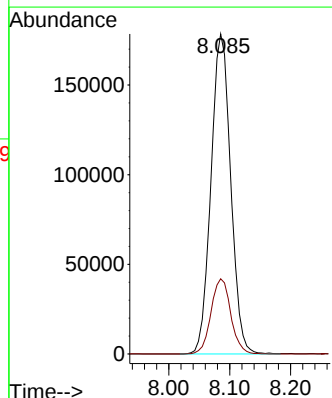
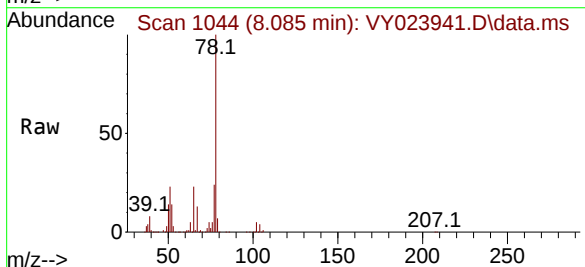
Acq: 11 Dec 2025 09:22

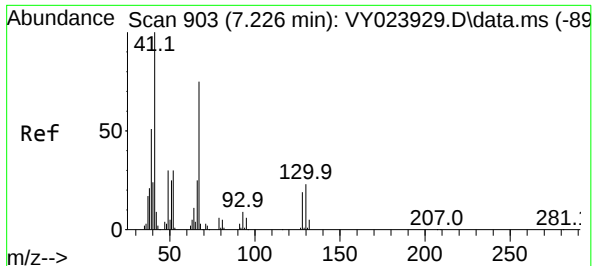
Tgt Ion: 78 Resp: 400873

Ion Ratio Lower Upper

78 100

77 23.5 18.3 27.5

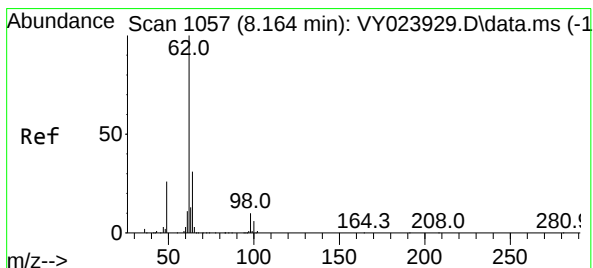
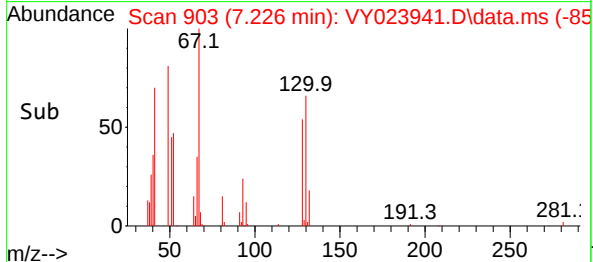
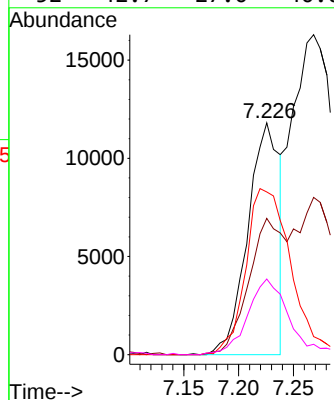
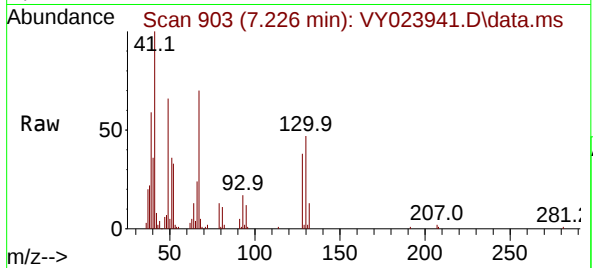




#41
Methacrylonitrile
Concen: 15.665 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

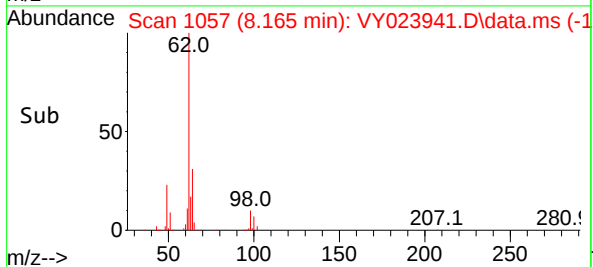
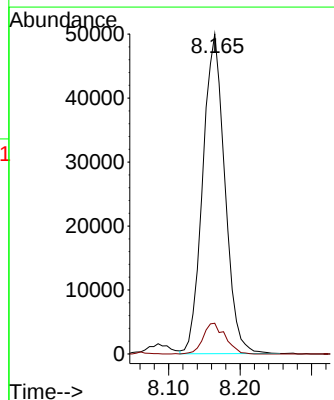
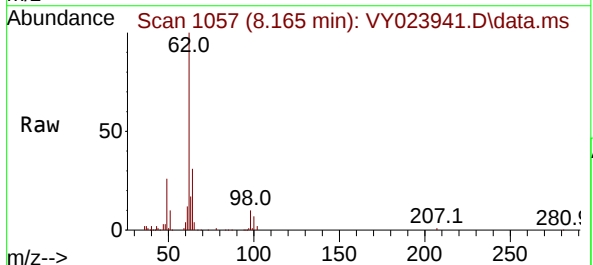
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

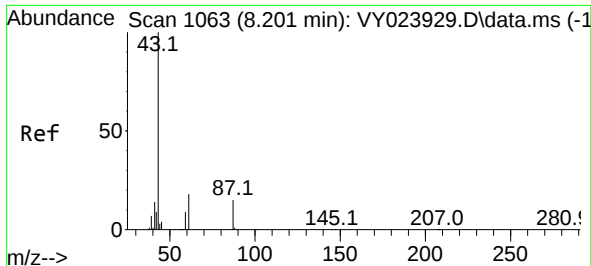
Tgt Ion: 41 Resp: 23867
Ion Ratio Lower Upper
41 100
39 67.1 50.6 75.8
67 101.6 68.0 102.0
52 42.7 27.0 40.6#



#42
1,2-Dichloroethane
Concen: 19.738 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 62 Resp: 107199
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.8

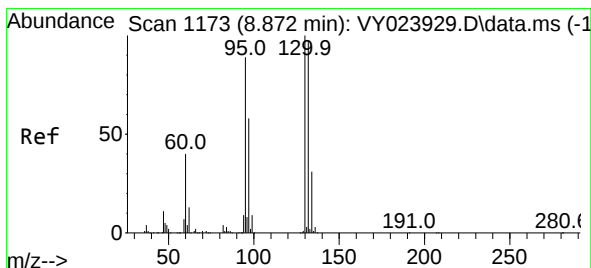
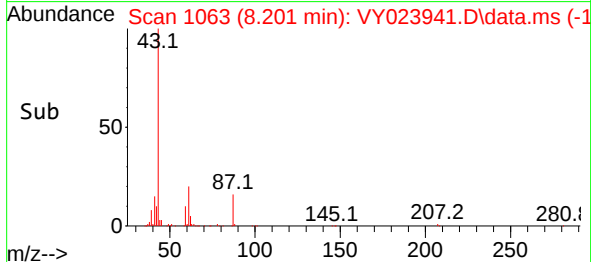
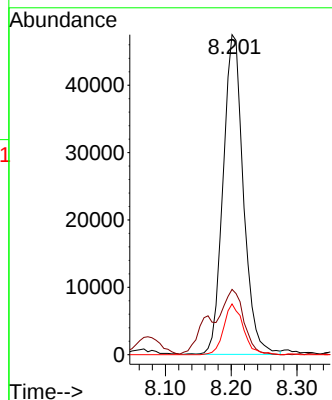
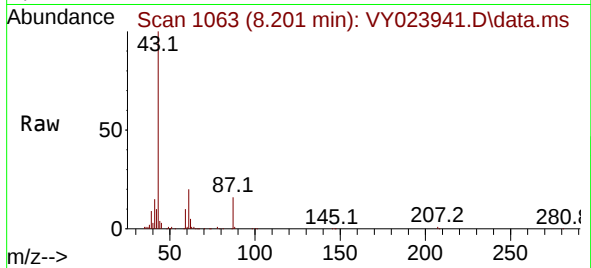




#43
Isopropyl Acetate
Concen: 19.566 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

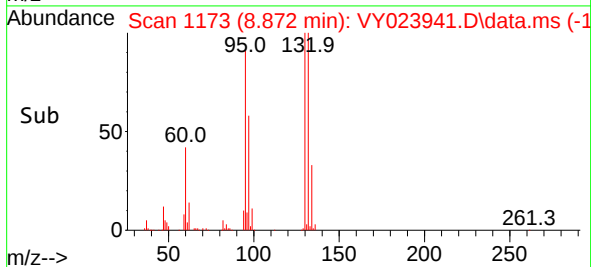
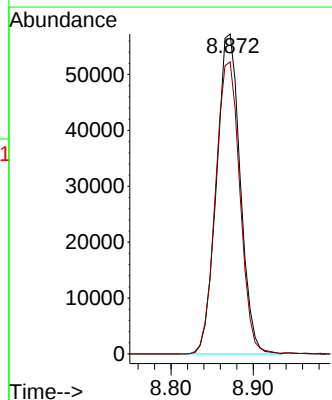
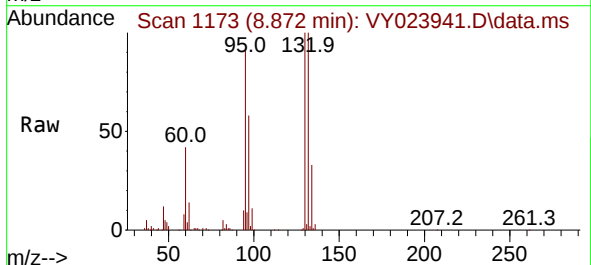
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

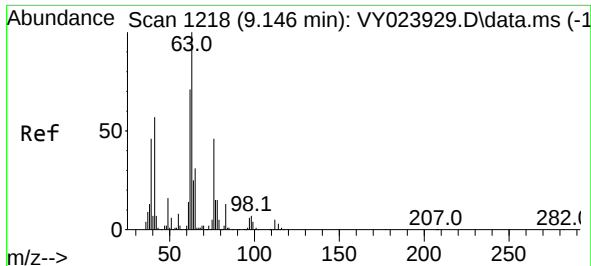
Tgt Ion: 43 Resp: 102053
Ion Ratio Lower Upper
43 100
61 21.5 17.4 26.2
87 15.3 12.3 18.5



#44
Trichloroethene
Concen: 19.095 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion:130 Resp: 114672
Ion Ratio Lower Upper
130 100
95 91.3 0.0 178.8





#45

1,2-Dichloropropane

Concen: 19.495 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

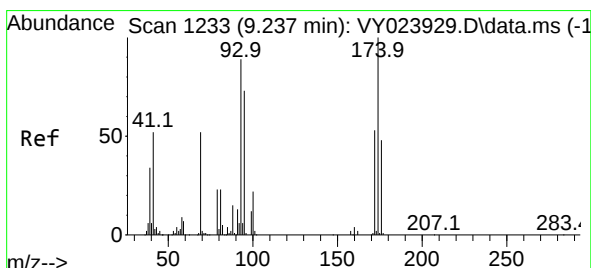
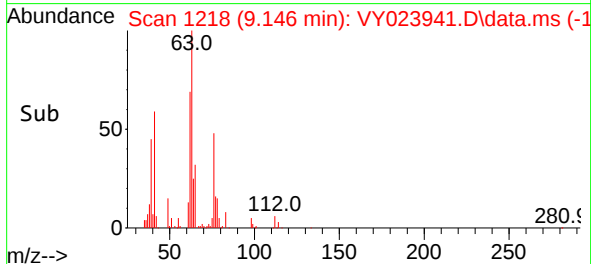
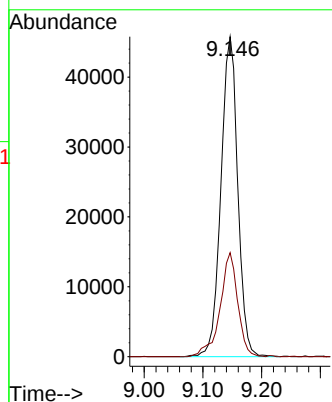
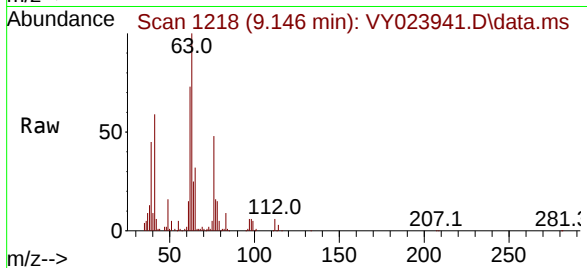
VY1211SBS01

Tgt Ion: 63 Resp: 91097

Ion Ratio Lower Upper

63 100

65 32.5 25.1 37.7



#46

Dibromomethane

Concen: 19.914 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

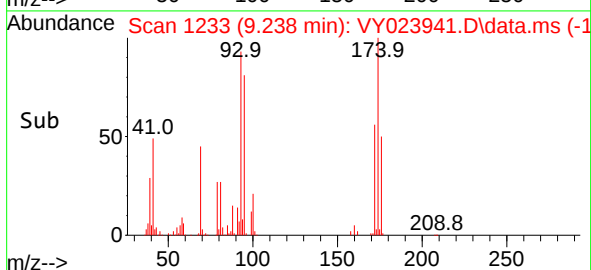
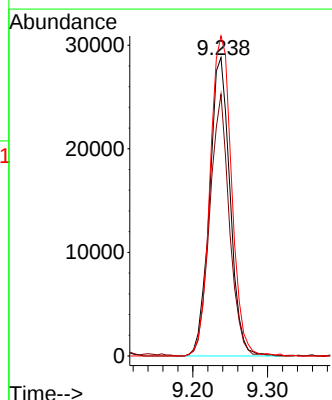
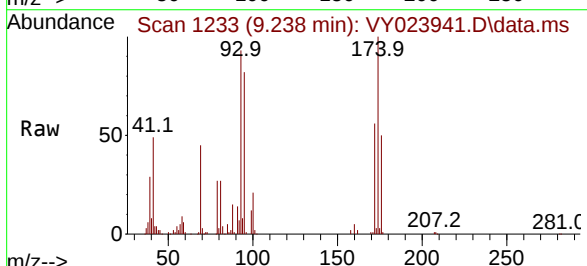
Tgt Ion: 93 Resp: 54807

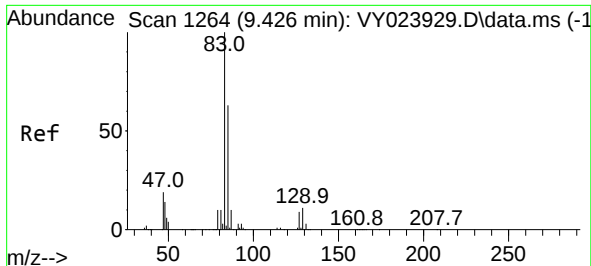
Ion Ratio Lower Upper

93 100

95 83.5 65.1 97.7

174 112.8 90.6 136.0





#47

Bromodichloromethane

Concen: 19.821 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBS01

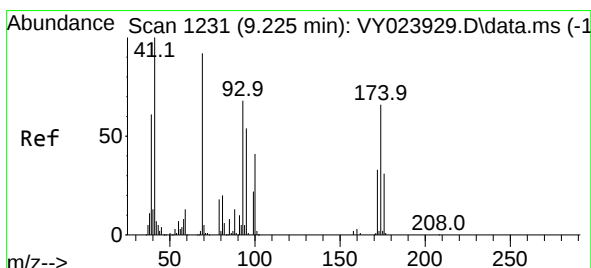
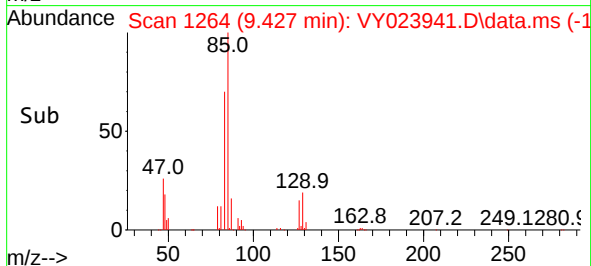
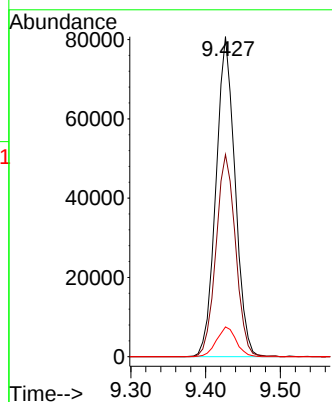
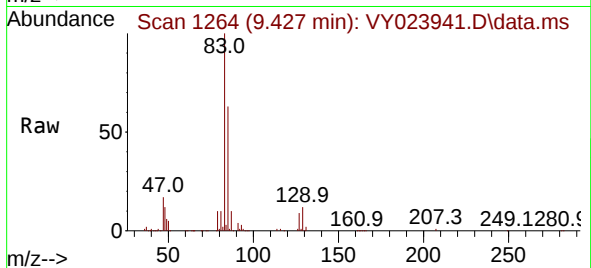
Tgt Ion: 83 Resp: 143509

Ion Ratio Lower Upper

83 100

85 63.1 50.7 76.1

127 9.3 7.0 10.4



#48

Methyl methacrylate

Concen: 19.458 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

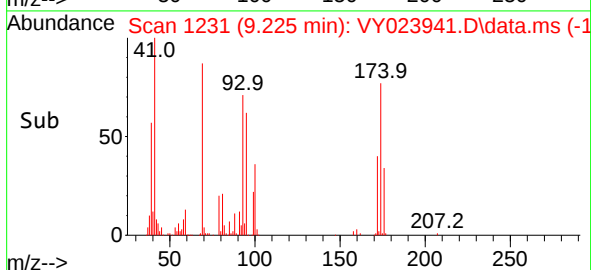
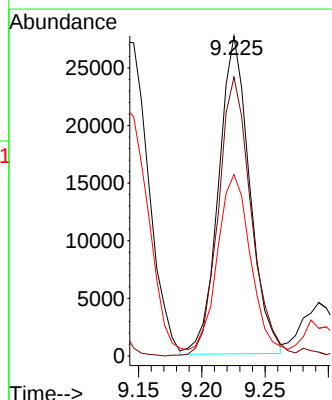
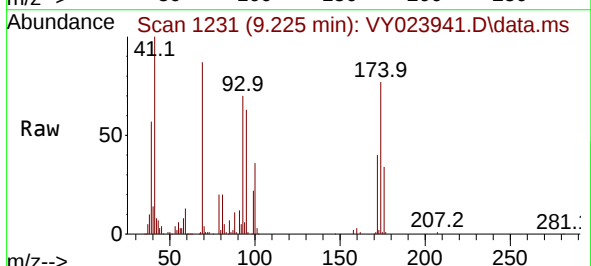
Tgt Ion: 41 Resp: 47247

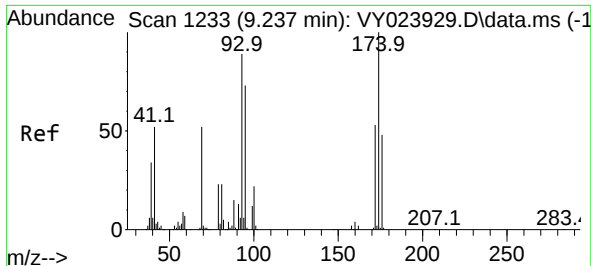
Ion Ratio Lower Upper

41 100

69 92.2 74.7 112.1

39 57.8 47.4 71.2





#49

1,4-Dioxane

Concen: 377.539 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBS01

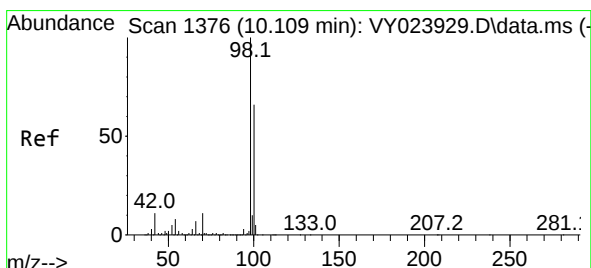
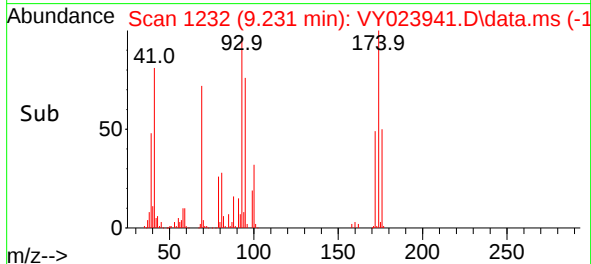
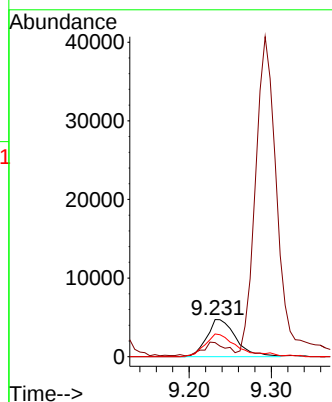
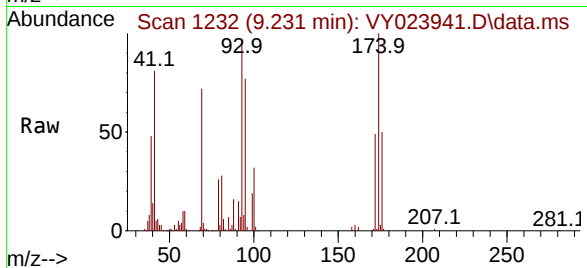
Tgt Ion: 88 Resp: 11584

Ion Ratio Lower Upper

88 100

43 29.9 22.3 33.5

58 68.4 52.3 78.5



#50

Toluene-d8

Concen: 43.761 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023941.D

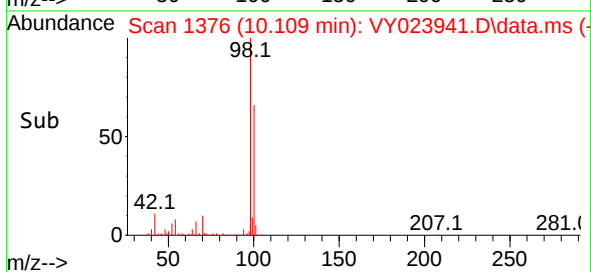
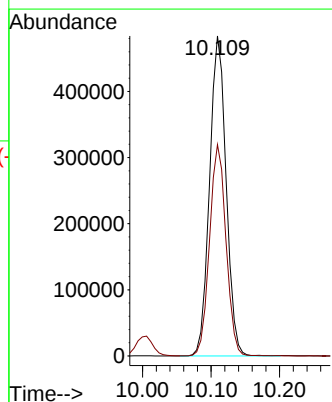
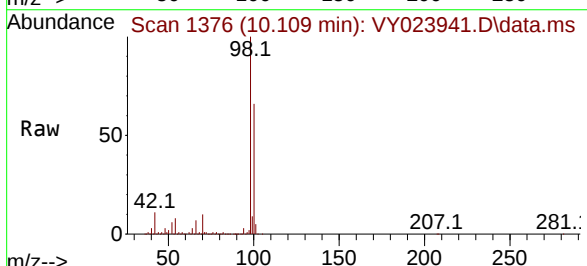
Acq: 11 Dec 2025 09:22

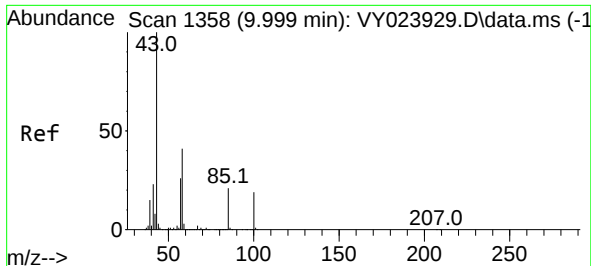
Tgt Ion: 98 Resp: 813930

Ion Ratio Lower Upper

98 100

100 65.5 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 100.021 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

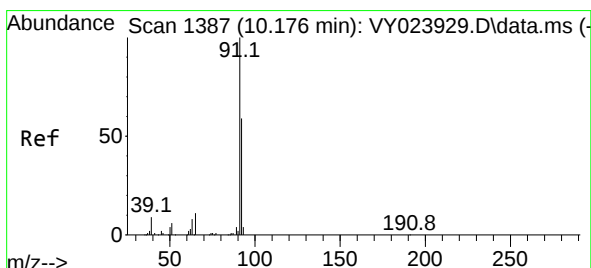
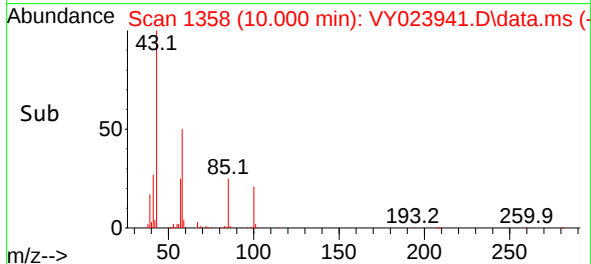
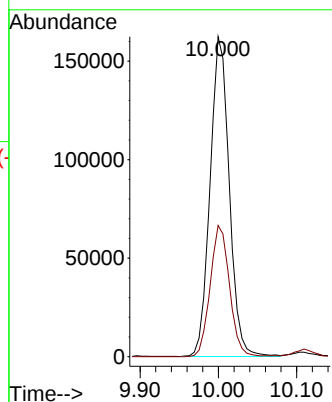
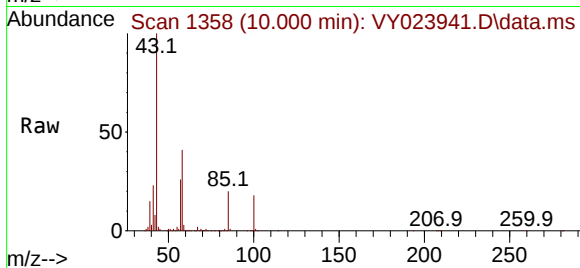
VY1211SBS01

Tgt Ion: 43 Resp: 276417

Ion Ratio Lower Upper

43 100

58 41.4 33.1 49.7



#52

Toluene

Concen: 19.176 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY023941.D

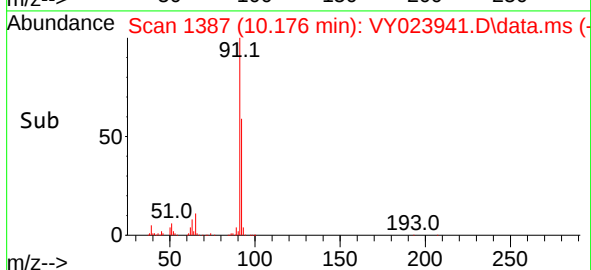
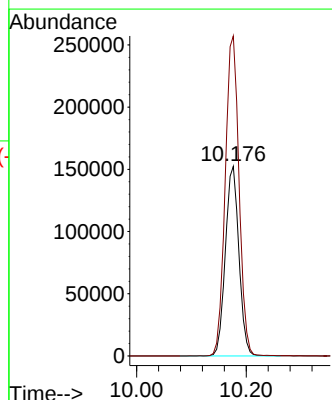
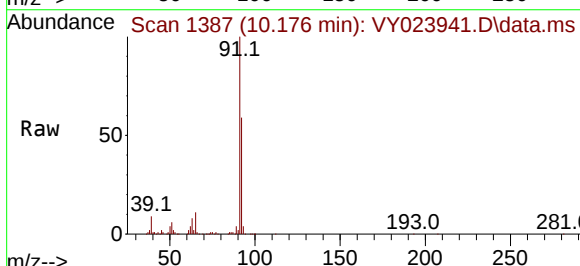
Acq: 11 Dec 2025 09:22

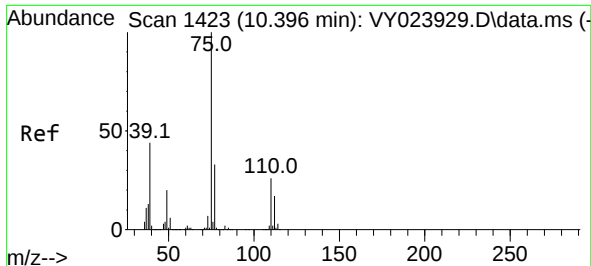
Tgt Ion: 92 Resp: 262803

Ion Ratio Lower Upper

92 100

91 171.6 135.8 203.6

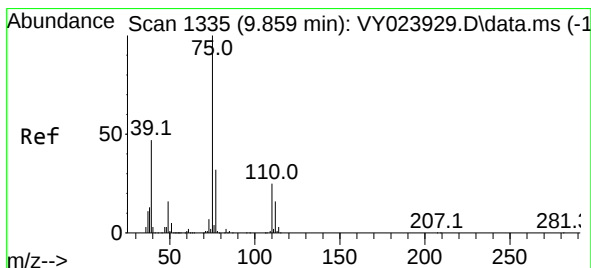
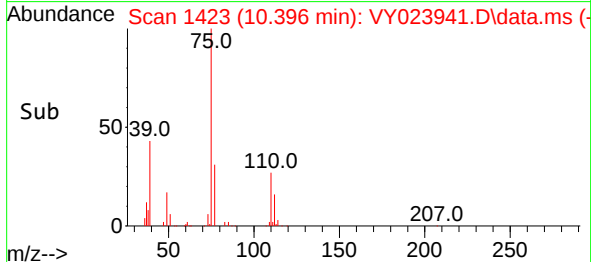
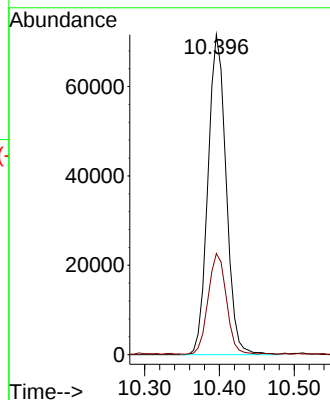
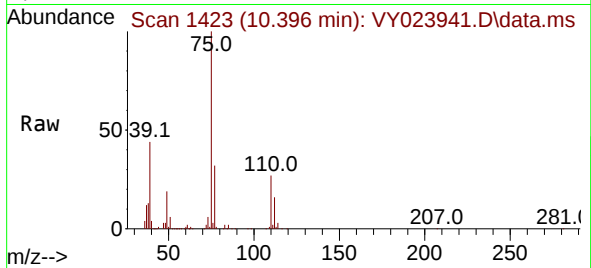




#53
t-1,3-Dichloropropene
Concen: 19.369 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

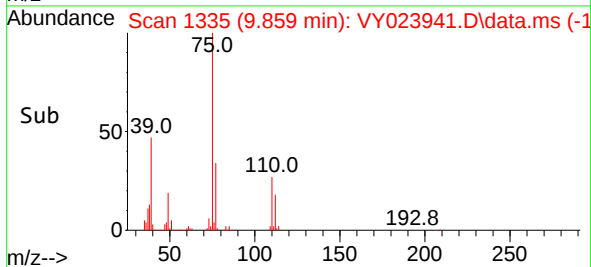
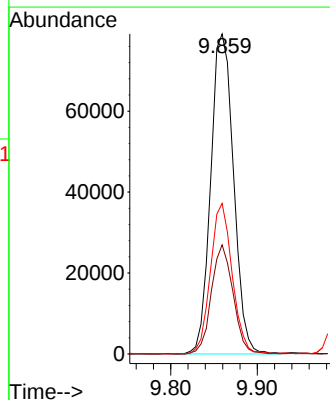
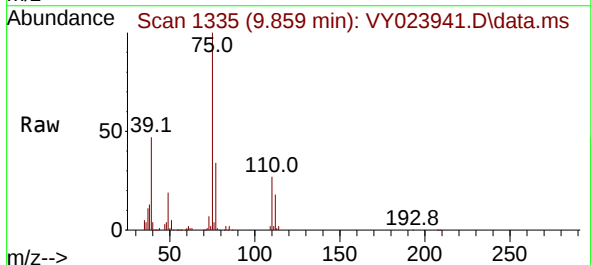
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

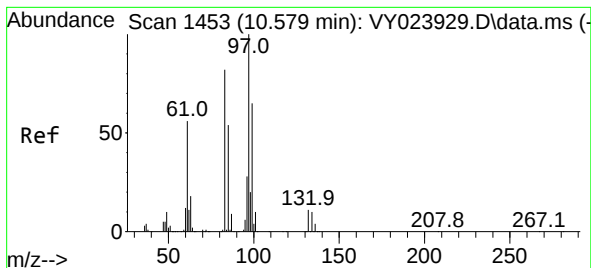
Tgt Ion: 75 Resp: 121185
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 19.677 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 75 Resp: 145080
Ion Ratio Lower Upper
75 100
77 34.1 25.4 38.0
39 46.9 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 20.010 ug/l

RT: 10.573 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBS01

Tgt Ion: 97 Resp: 75801

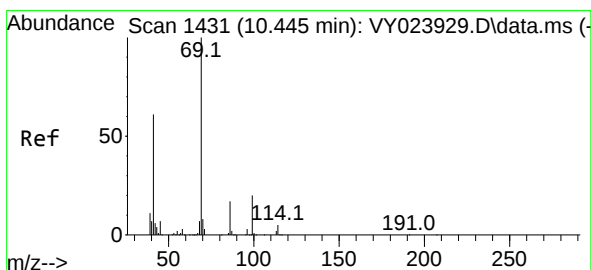
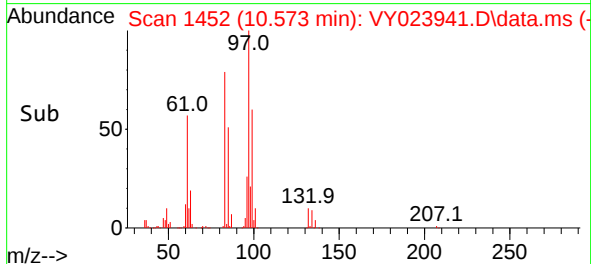
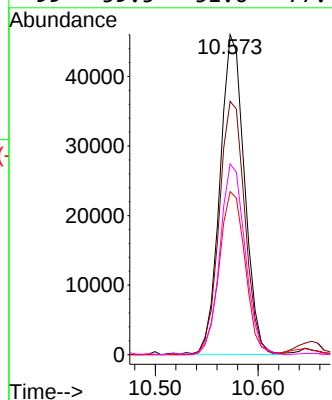
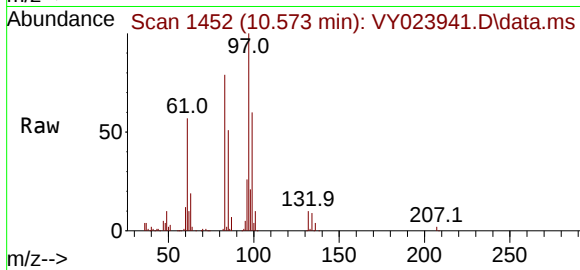
Ion Ratio Lower Upper

97 100

83 79.3 65.8 98.6

85 51.0 43.1 64.7

99 59.5 51.6 77.4



#56

Ethyl methacrylate

Concen: 19.064 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

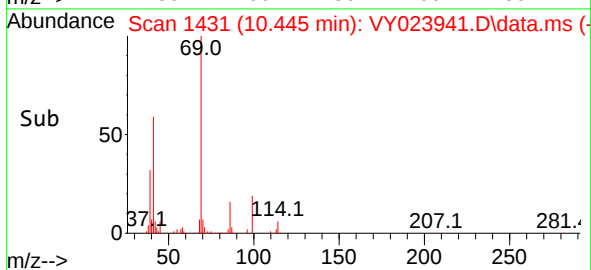
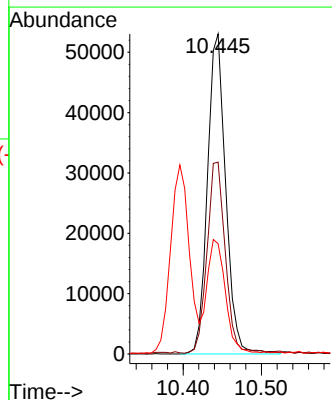
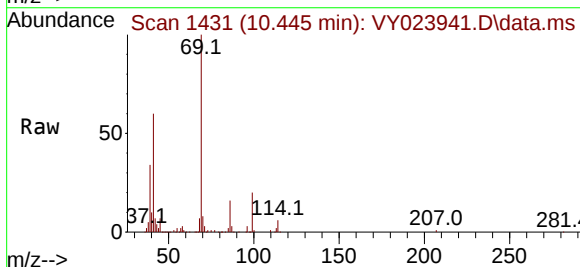
Tgt Ion: 69 Resp: 85614

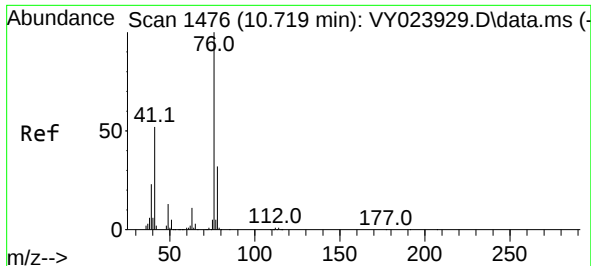
Ion Ratio Lower Upper

69 100

41 59.7 49.0 73.4

39 35.5 29.1 43.7





#57

1,3-Dichloropropane

Concen: 19.982 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

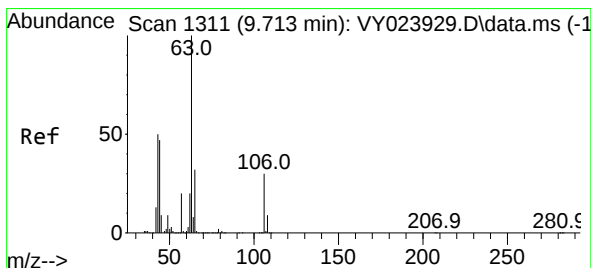
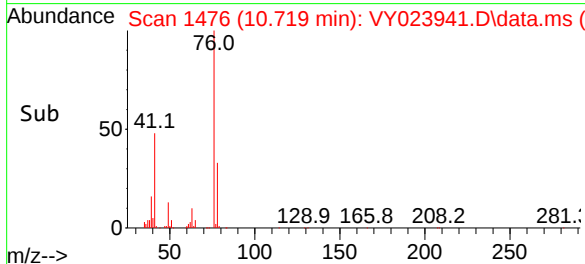
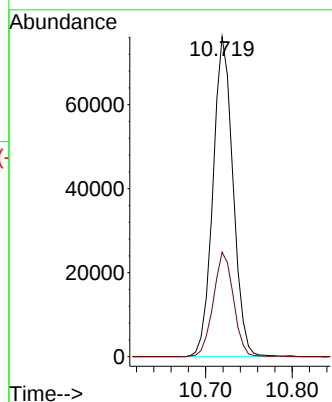
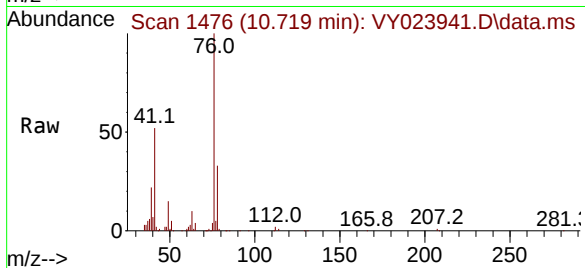
VY1211SBS01

Tgt Ion: 76 Resp: 122424

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 92.181 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023941.D

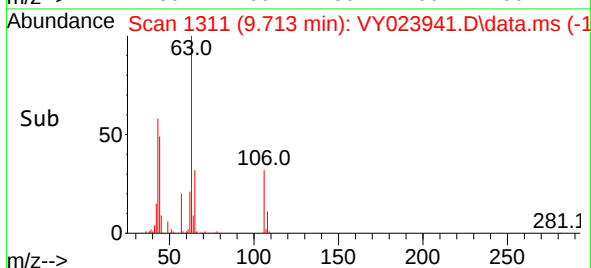
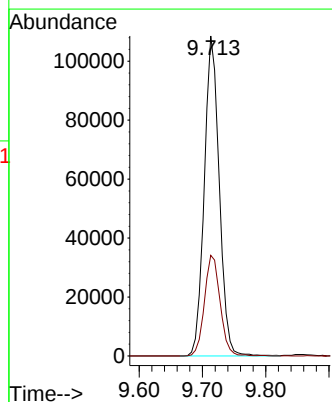
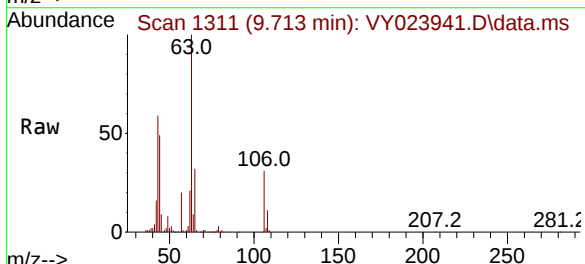
Acq: 11 Dec 2025 09:22

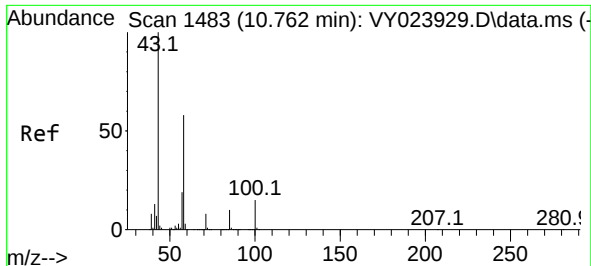
Tgt Ion: 63 Resp: 179313

Ion Ratio Lower Upper

63 100

106 32.8 25.2 37.8

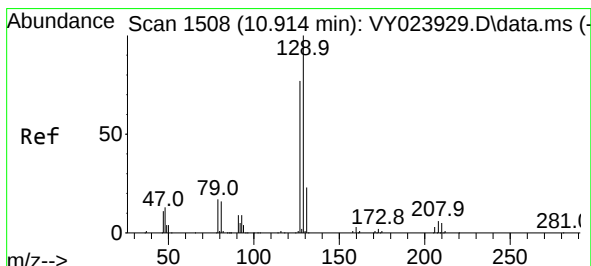
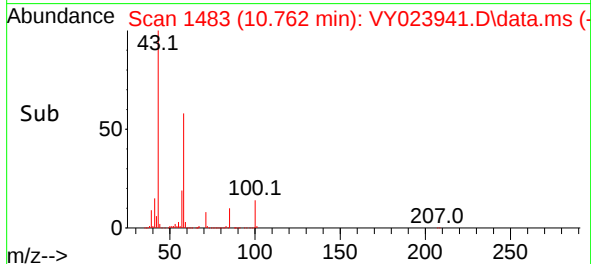
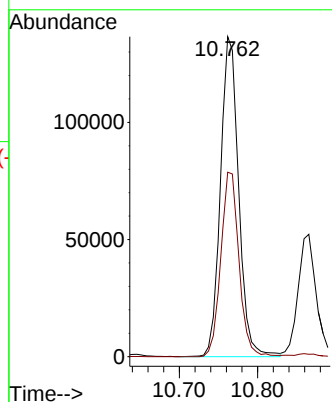
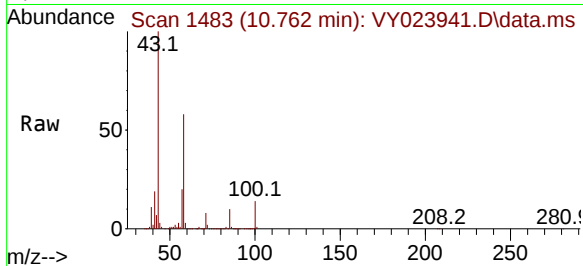




#59
2-Hexanone
Concen: 105.237 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

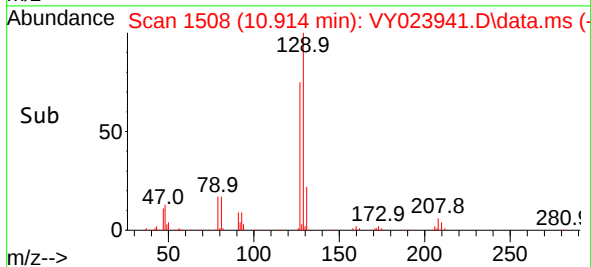
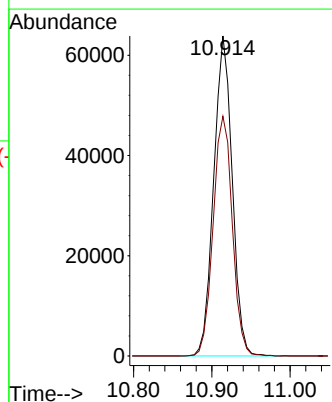
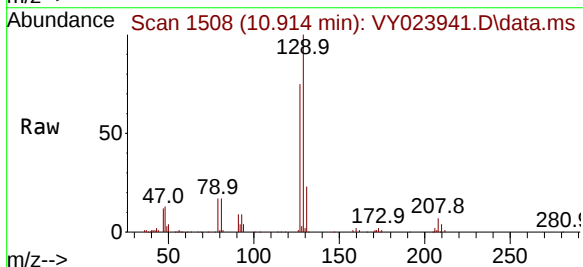
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

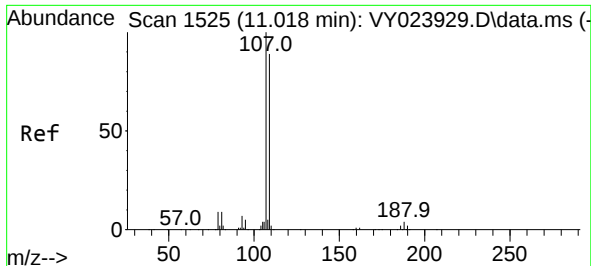
Tgt Ion: 43 Resp: 220729
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.0



#60
Dibromochloromethane
Concen: 19.964 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 129 Resp: 104705
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5

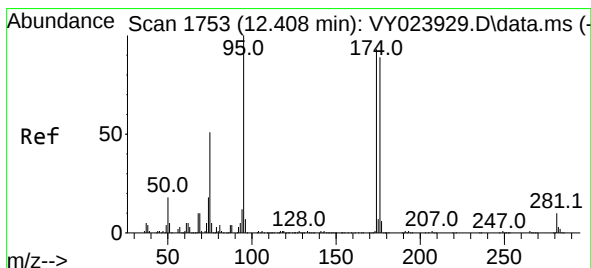
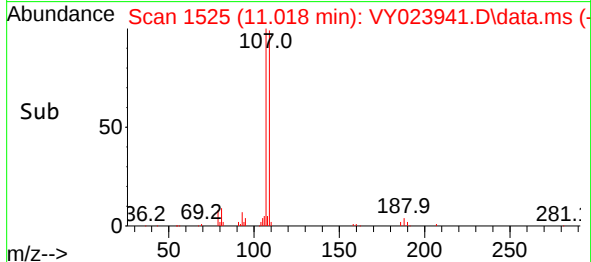
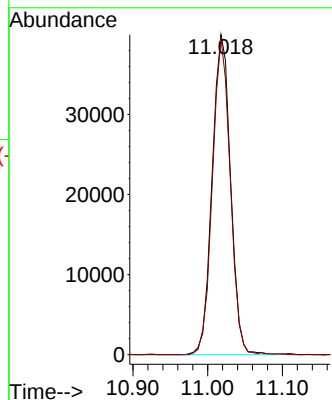
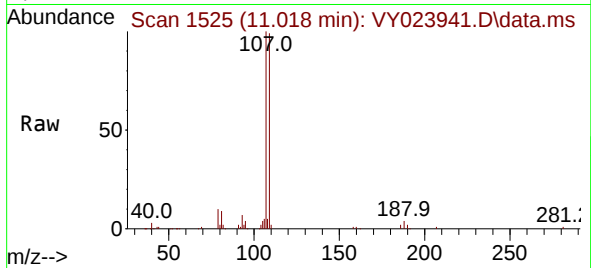




#61
1,2-Dibromoethane
Concen: 19.460 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

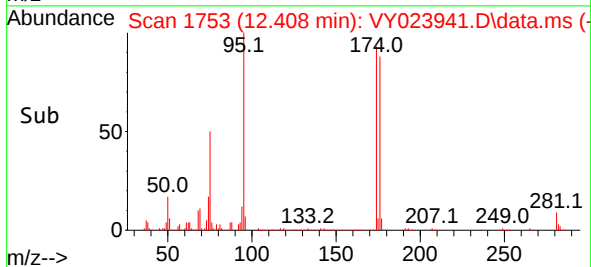
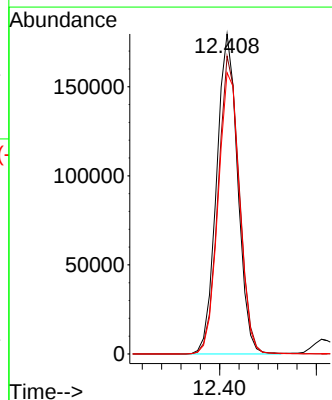
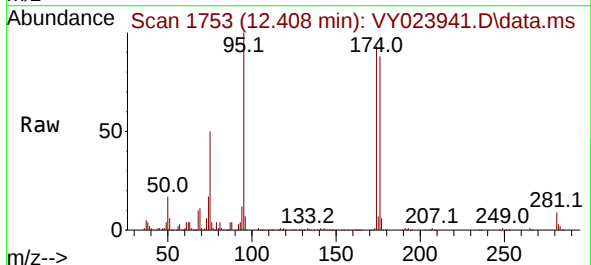
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

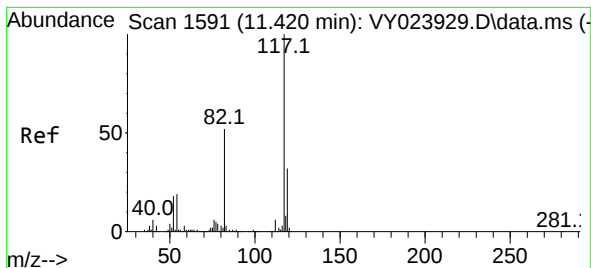
Tgt Ion:107 Resp: 68308
Ion Ratio Lower Upper
107 100
109 96.0 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 43.780 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 95 Resp: 271934
Ion Ratio Lower Upper
95 100
174 93.8 0.0 187.4
176 89.8 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: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBS01

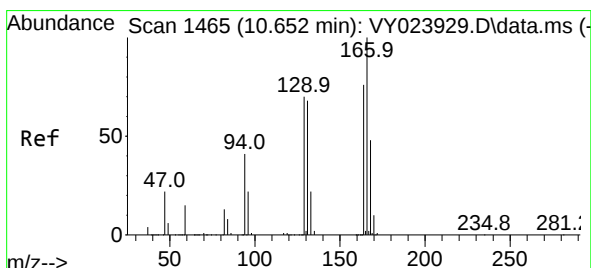
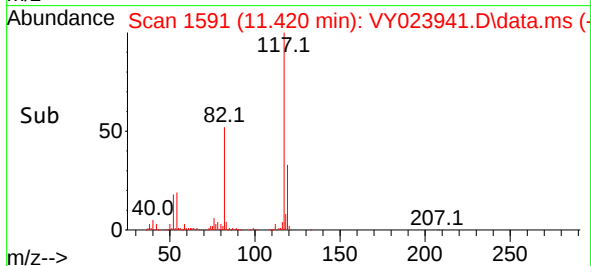
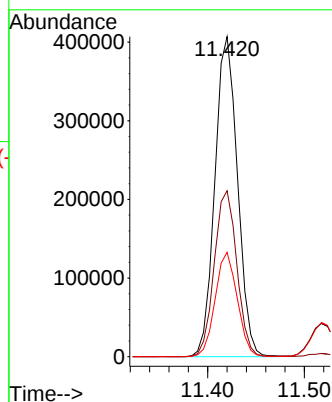
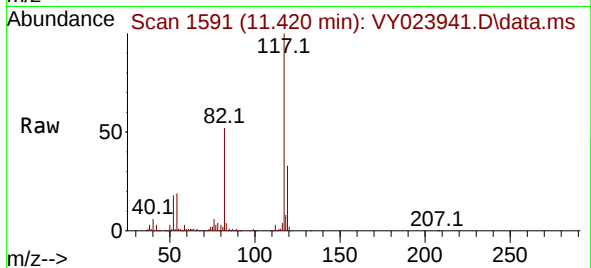
Tgt Ion:117 Resp: 660539

Ion Ratio Lower Upper

117 100

82 51.9 41.4 62.2

119 32.6 25.5 38.3



#64

Tetrachloroethene

Concen: 19.670 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Tgt Ion:164 Resp: 139583

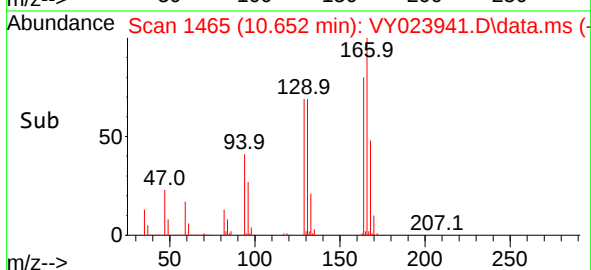
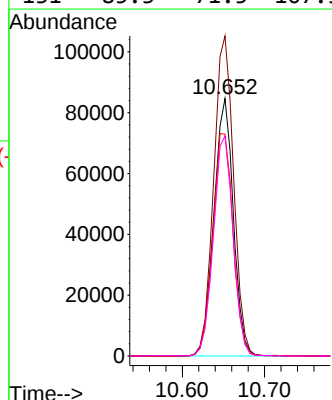
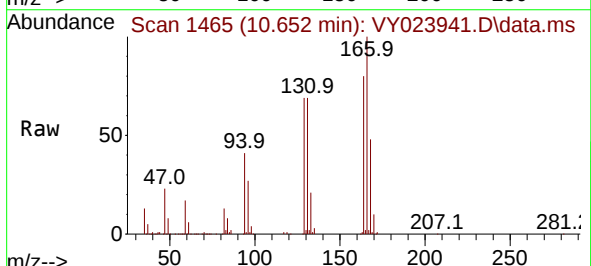
Ion Ratio Lower Upper

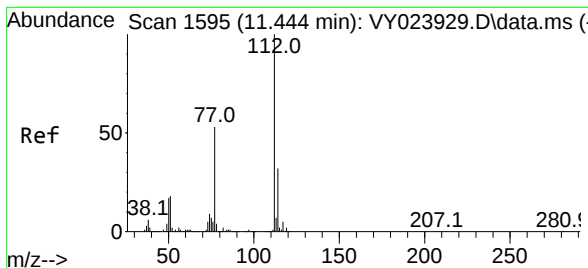
164 100

166 124.3 105.0 157.4

129 86.1 73.0 109.4

131 85.3 71.5 107.3





#65

Chlorobenzene

Concen: 19.533 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

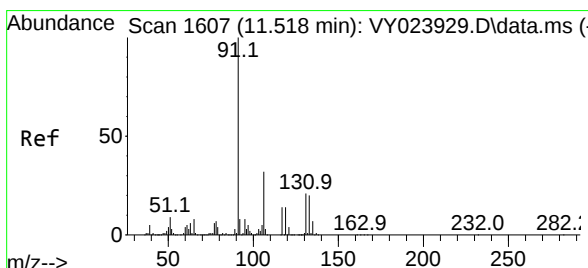
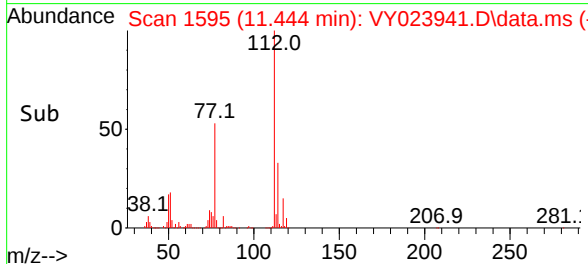
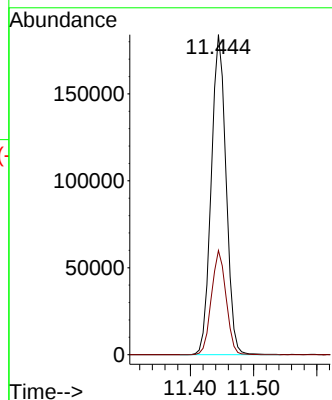
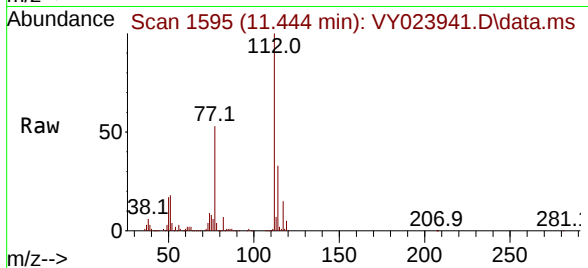
VY1211SBS01

Tgt Ion:112 Resp: 298975

Ion Ratio Lower Upper

112 100

114 32.6 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.040 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

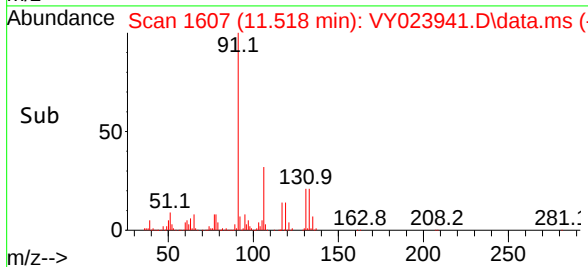
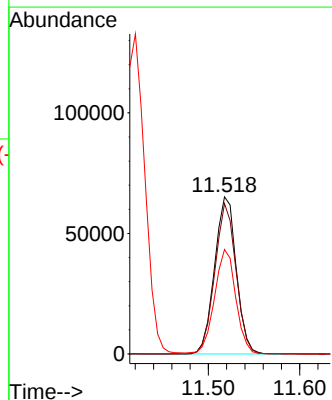
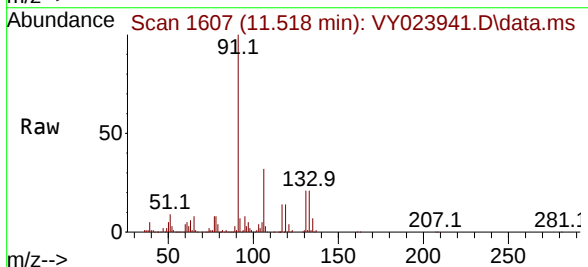
Tgt Ion:131 Resp: 107575

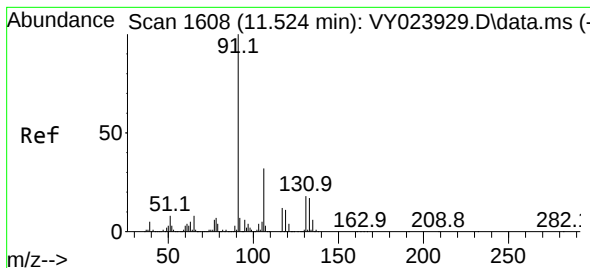
Ion Ratio Lower Upper

131 100

133 93.7 48.4 145.3

119 65.2 33.1 99.2

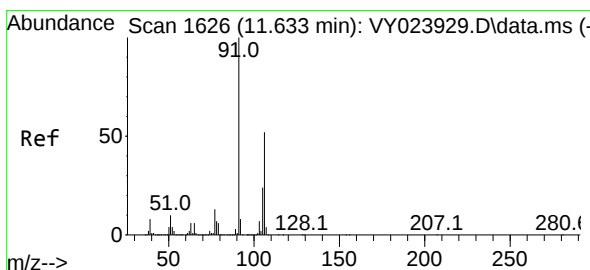
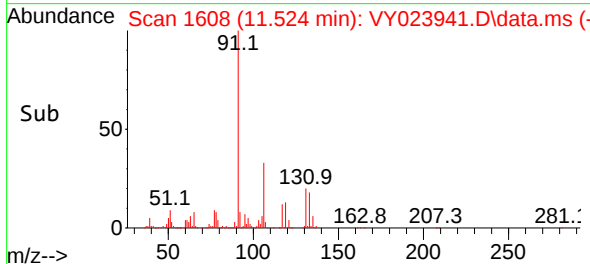
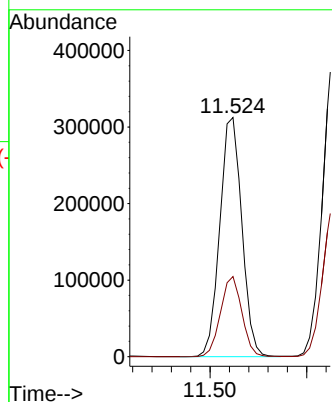
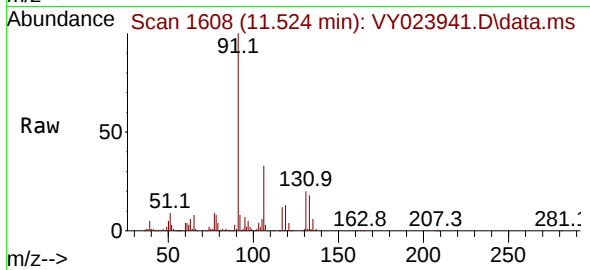




#67
Ethyl Benzene
Concen: 19.263 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

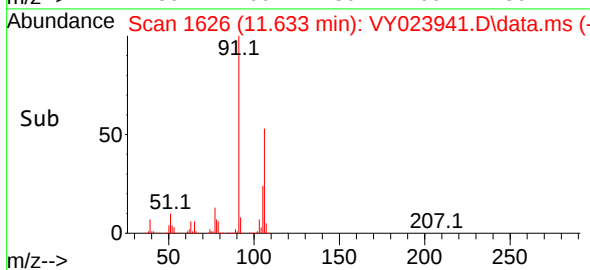
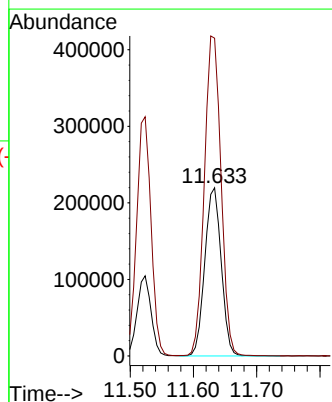
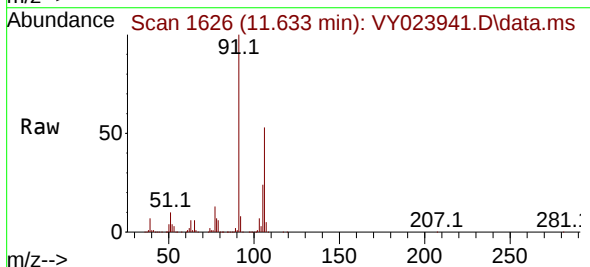
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

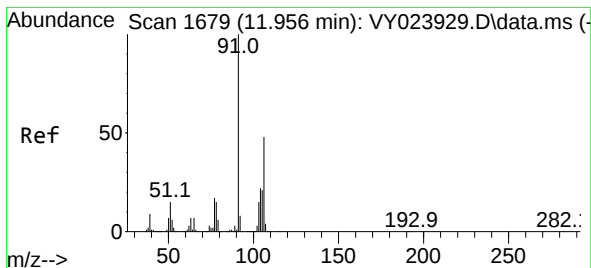
Tgt Ion: 91 Resp: 493990
Ion Ratio Lower Upper
91 100
106 33.5 25.8 38.8



#68
m/p-Xylenes
Concen: 39.022 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion:106 Resp: 397255
Ion Ratio Lower Upper
106 100
91 193.1 155.0 232.6

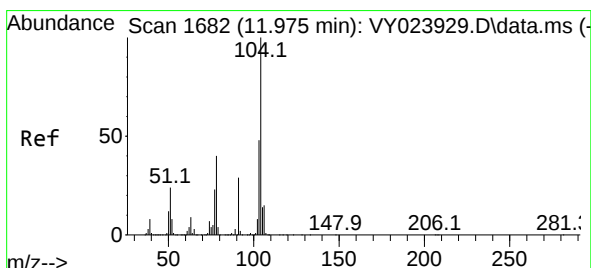
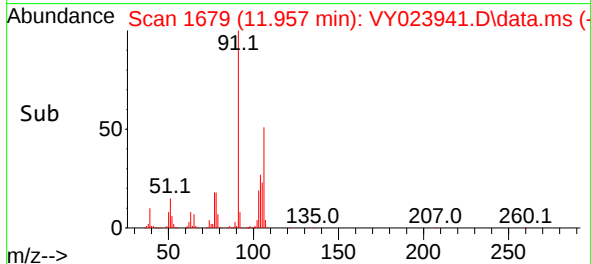
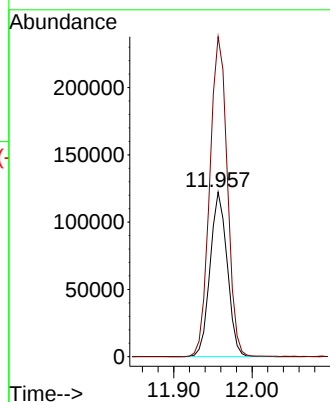
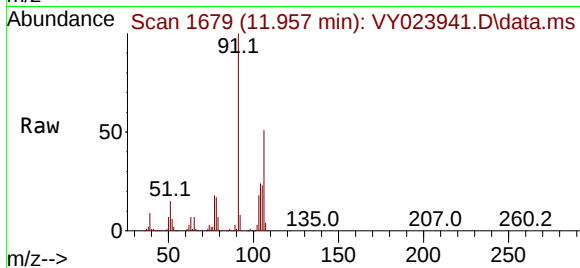




#69
o-Xylene
Concen: 19.473 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

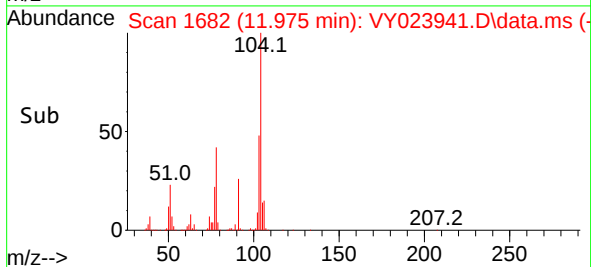
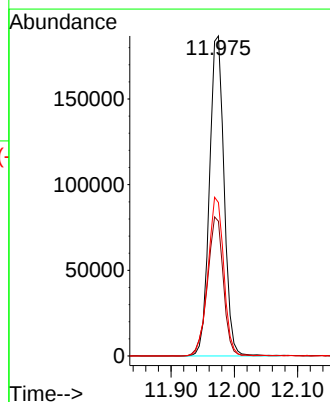
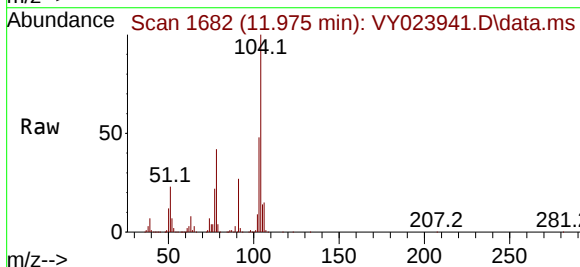
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

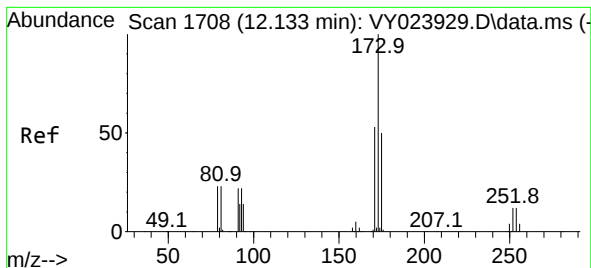
Tgt Ion:106 Resp: 185445
Ion Ratio Lower Upper
106 100
91 199.9 102.1 306.1



#70
Styrene
Concen: 19.554 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion:104 Resp: 300839
Ion Ratio Lower Upper
104 100
78 47.2 37.4 56.0
103 53.8 43.0 64.4





#71

Bromoform

Concen: 19.724 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBS01

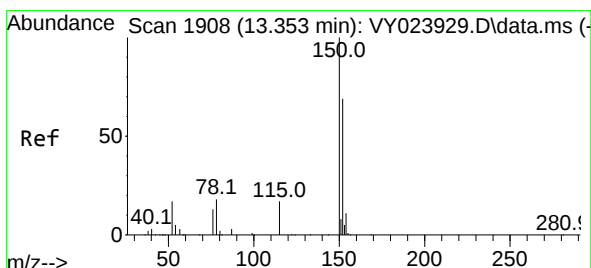
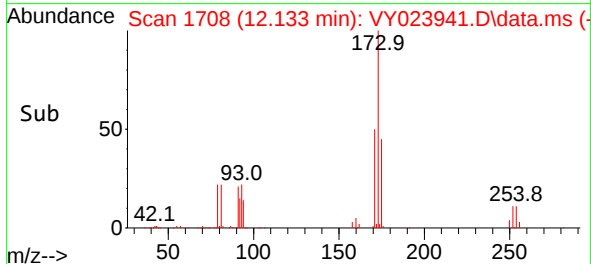
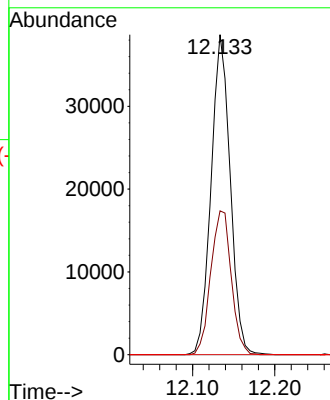
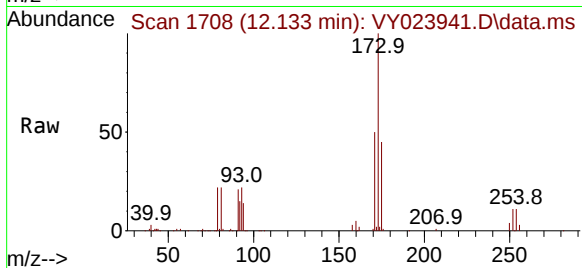
Tgt Ion:173 Resp: 62397

Ion Ratio Lower Upper

173 100

175 48.0 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

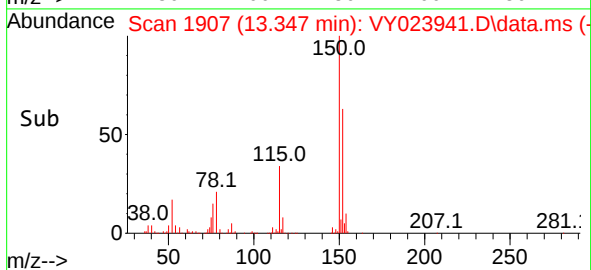
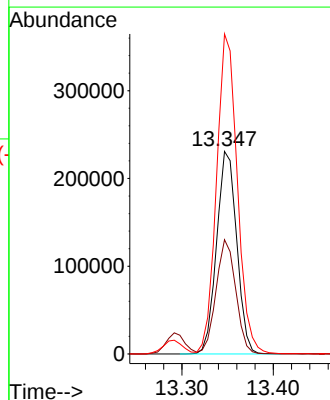
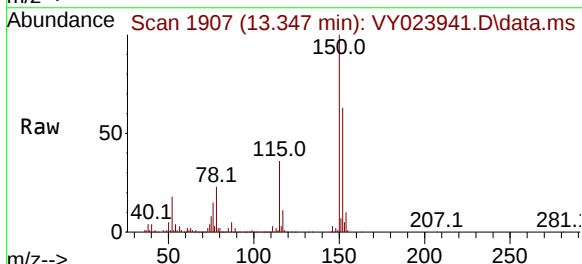
Tgt Ion:152 Resp: 353090

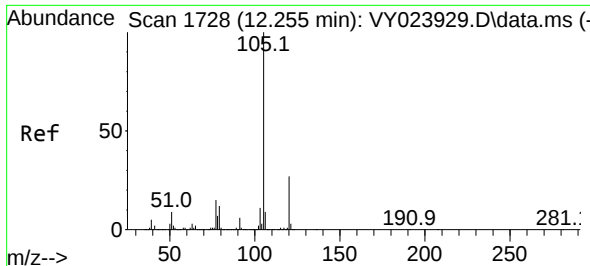
Ion Ratio Lower Upper

152 100

115 55.4 27.3 81.9

150 163.4 0.0 347.6

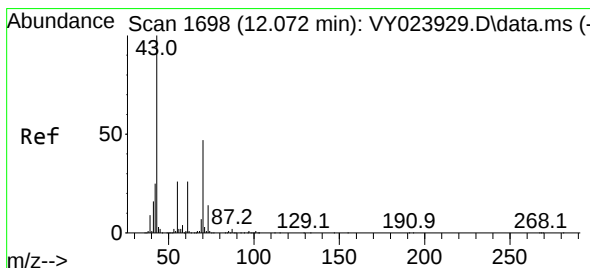
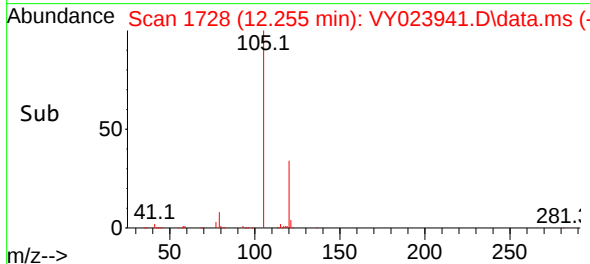
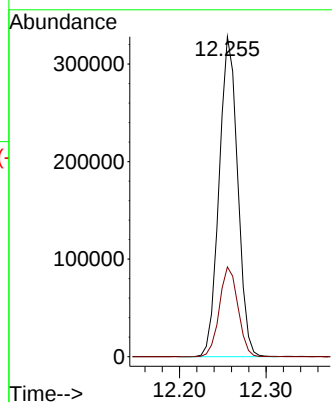
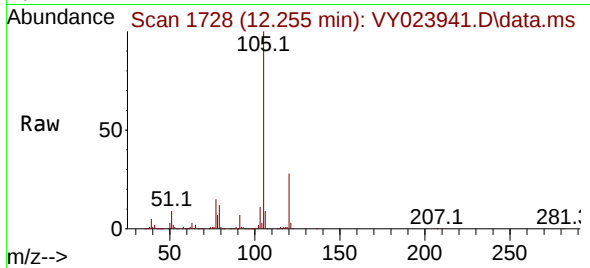




#73
Isopropylbenzene
Concen: 18.911 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

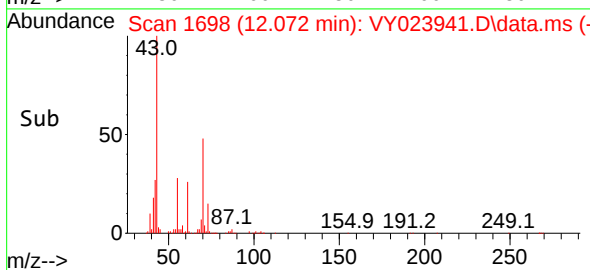
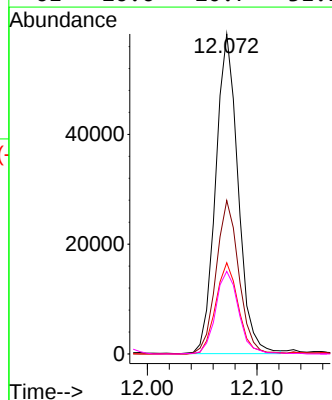
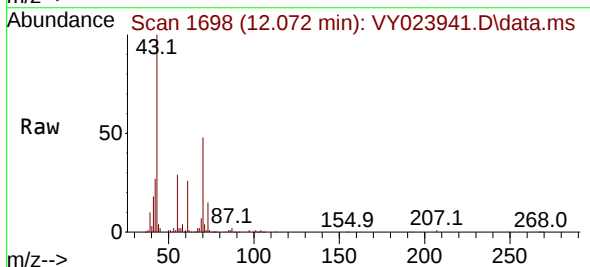
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

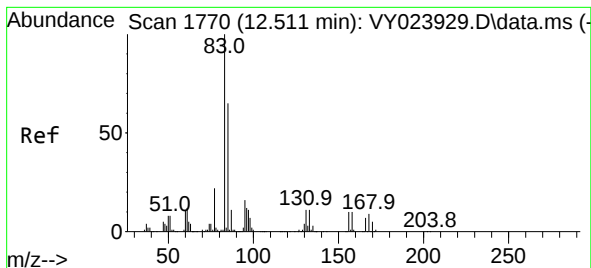
Tgt Ion:105 Resp: 487976
Ion Ratio Lower Upper
105 100
120 28.0 13.7 41.0



#74
N-ethyl acetate
Concen: 18.093 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 43 Resp: 82814
Ion Ratio Lower Upper
43 100
70 48.7 37.4 56.0
55 29.0 21.6 32.4
61 26.6 20.7 31.1





#75

1,1,2-Tetrachloroethane

Concen: 18.882 ug/l

RT: 12.505 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBS01

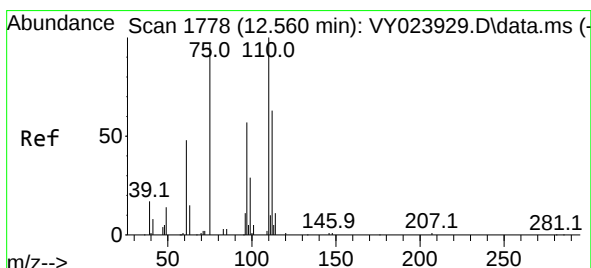
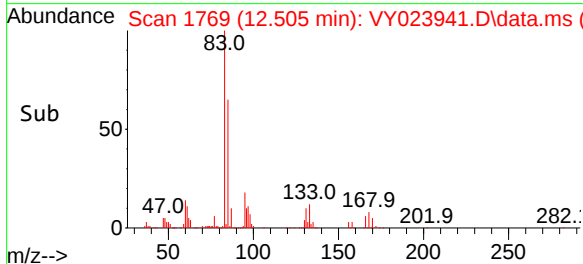
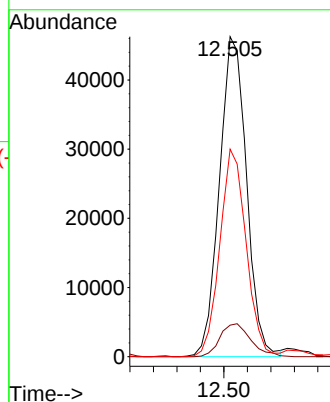
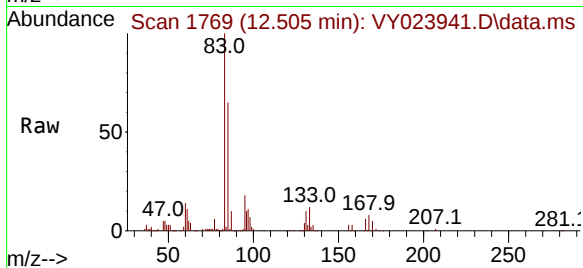
Tgt Ion: 83 Resp: 74192

Ion Ratio Lower Upper

83 100

131 11.7 5.6 16.8

85 63.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 33.401 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY023941.D

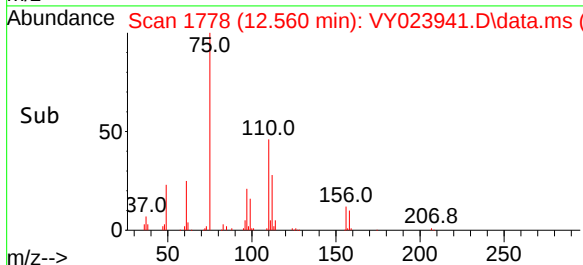
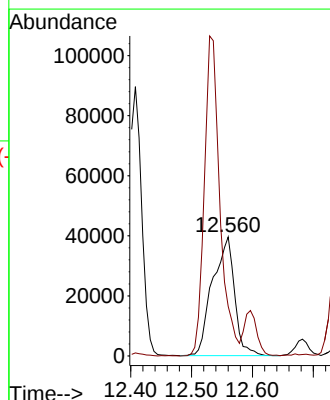
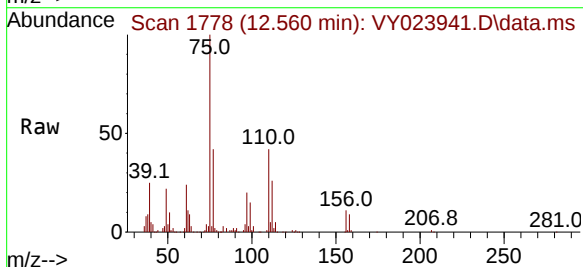
Acq: 11 Dec 2025 09:22

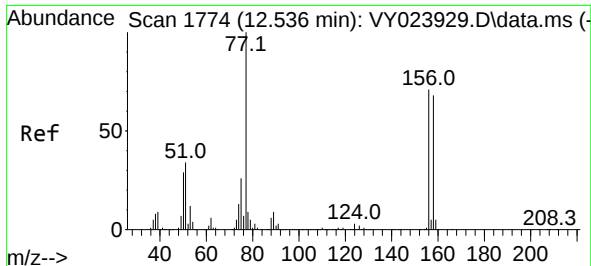
Tgt Ion: 75 Resp: 99761

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

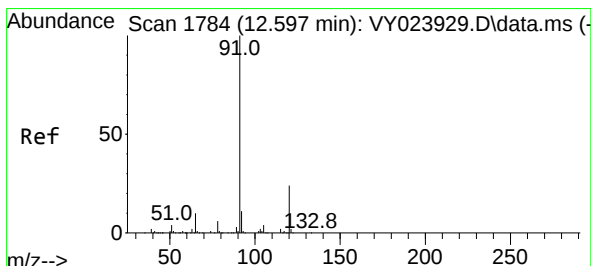
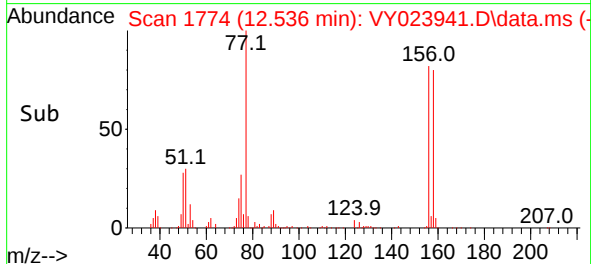
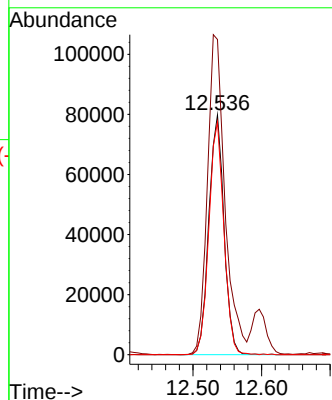
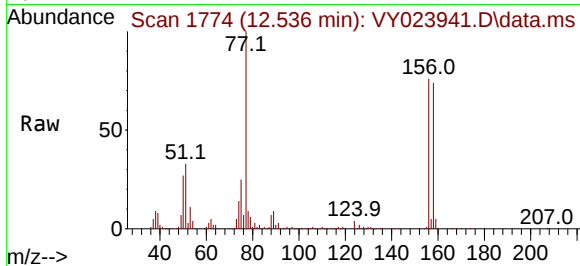




#77
Bromobenzene
Concen: 19.167 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

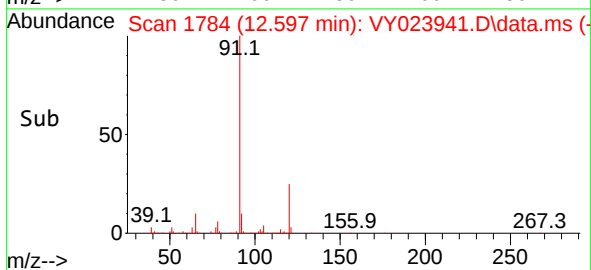
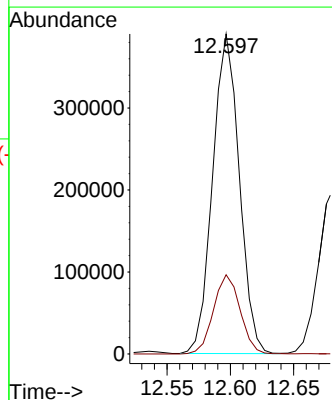
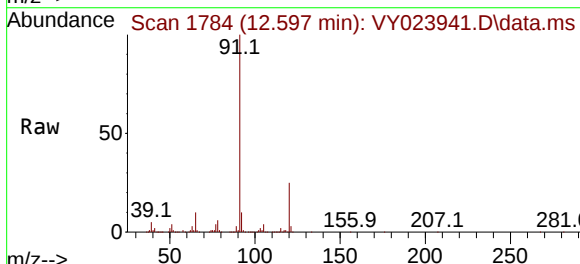
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

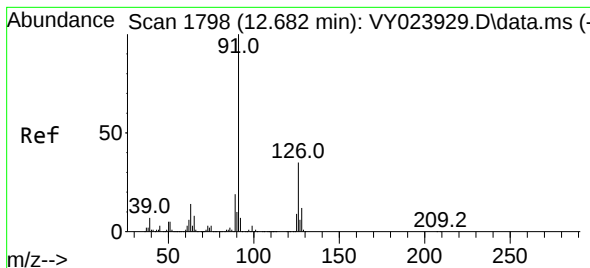
Tgt Ion:156 Resp: 122719
Ion Ratio Lower Upper
156 100
77 155.0 79.8 239.4
158 96.3 48.0 144.2



#78
n-propylbenzene
Concen: 19.004 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 91 Resp: 570551
Ion Ratio Lower Upper
91 100
120 24.8 12.0 36.0

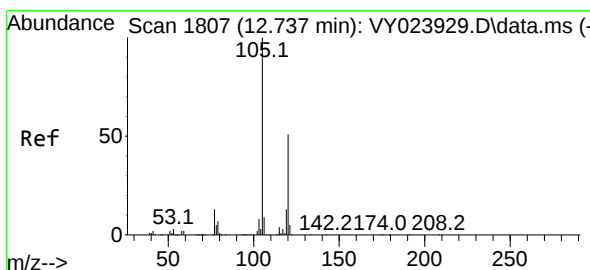
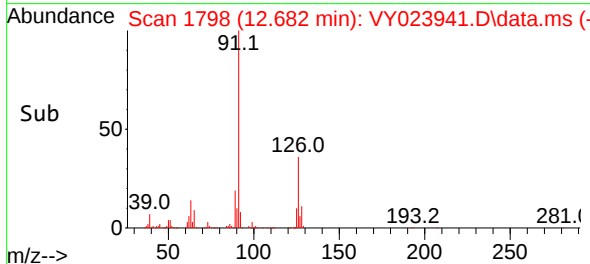
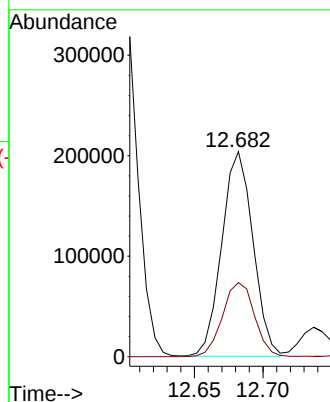
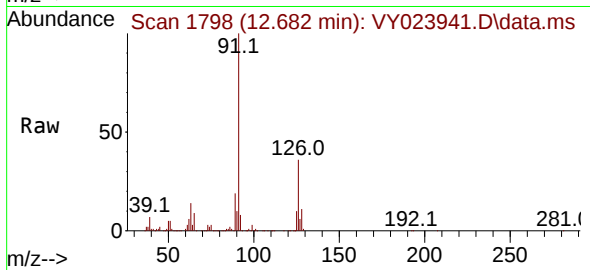




#79
2-Chlorotoluene
Concen: 18.938 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

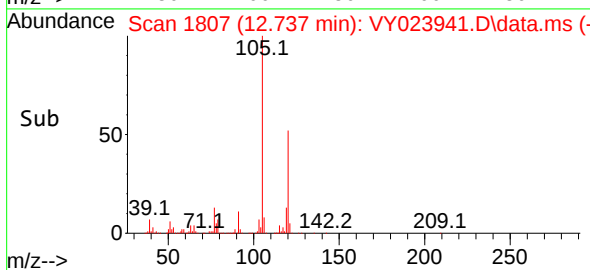
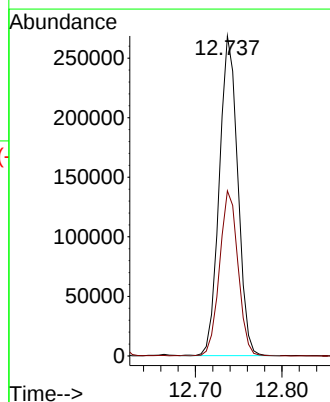
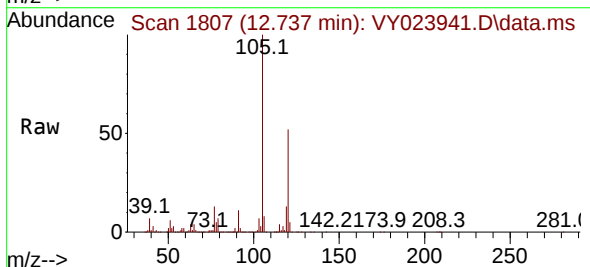
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

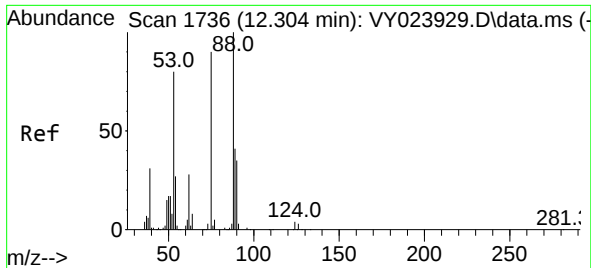
Tgt Ion: 91 Resp: 322975
Ion Ratio Lower Upper
91 100
126 37.2 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 19.281 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 105 Resp: 396917
Ion Ratio Lower Upper
105 100
120 51.7 25.7 77.1

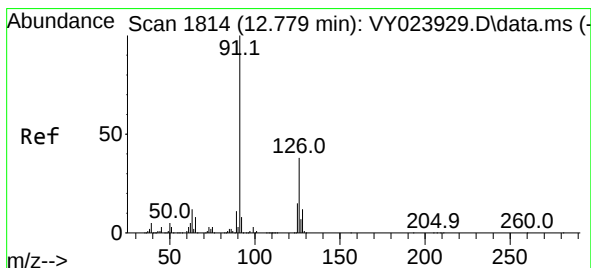
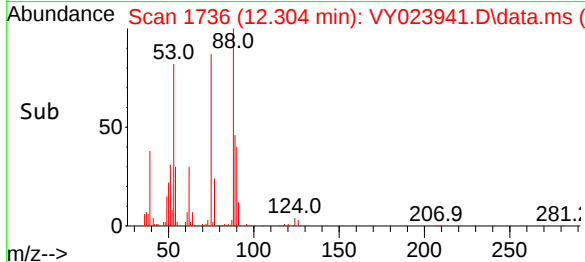
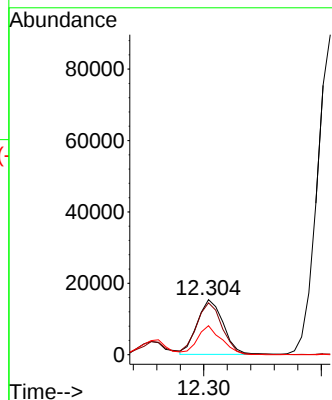
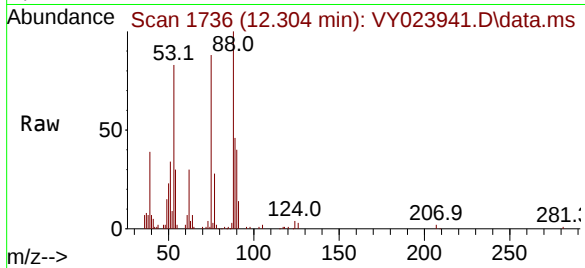




#81
trans-1,4-Dichloro-2-butene
Concen: 17.950 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

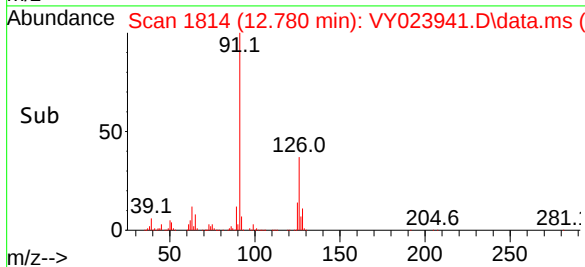
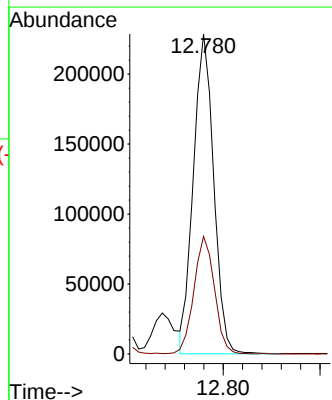
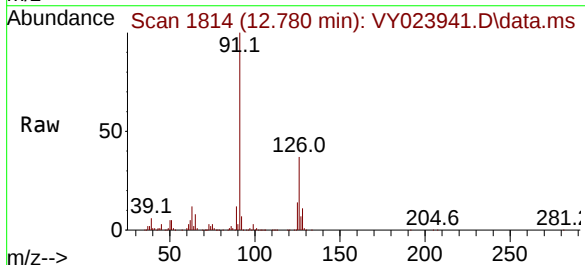
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBS01

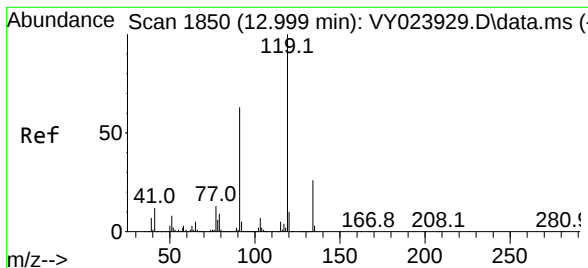
Tgt Ion: 75 Resp: 23553
Ion Ratio Lower Upper
75 100
53 91.8 73.4 110.0
89 49.0 38.9 58.3



#82
4-Chlorotoluene
Concen: 18.975 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023941.D
Acq: 11 Dec 2025 09:22

Tgt Ion: 91 Resp: 333127
Ion Ratio Lower Upper
91 100
126 37.1 18.1 54.1





#83

tert-Butylbenzene

Concen: 19.448 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBS01

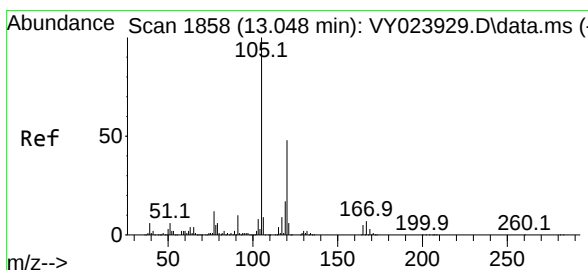
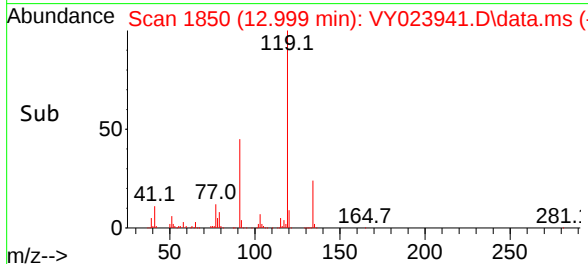
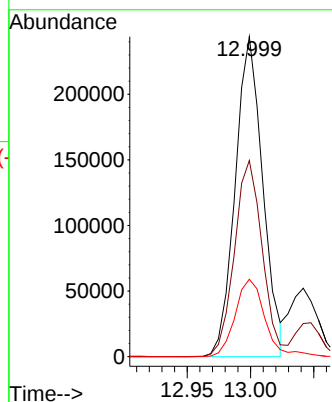
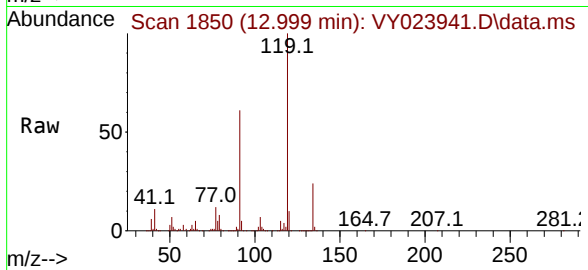
Tgt Ion:119 Resp: 369913

Ion Ratio Lower Upper

119 100

91 62.2 31.6 94.7

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.358 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY023941.D

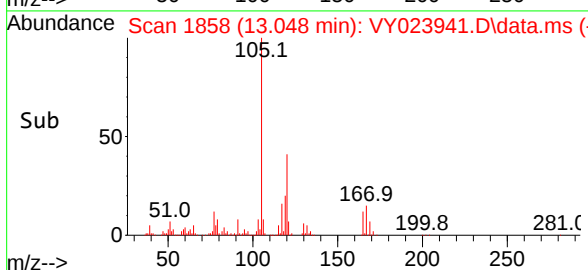
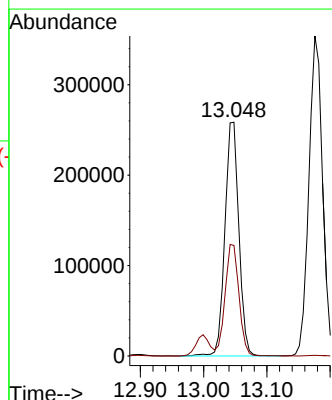
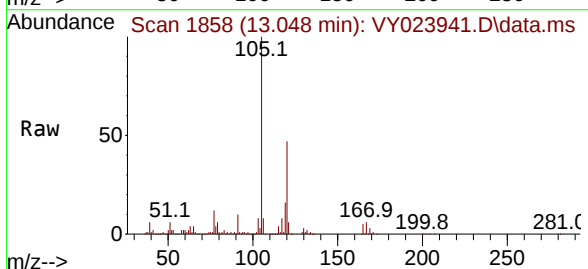
Acq: 11 Dec 2025 09:22

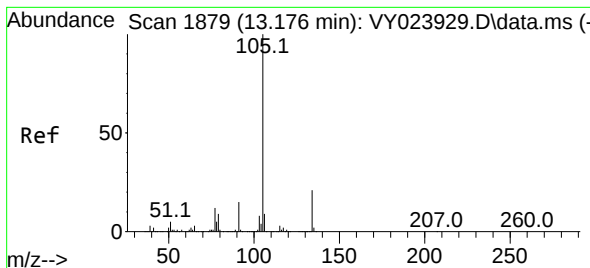
Tgt Ion:105 Resp: 394775

Ion Ratio Lower Upper

105 100

120 47.4 23.4 70.3





#85

sec-Butylbenzene

Concen: 19.047 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

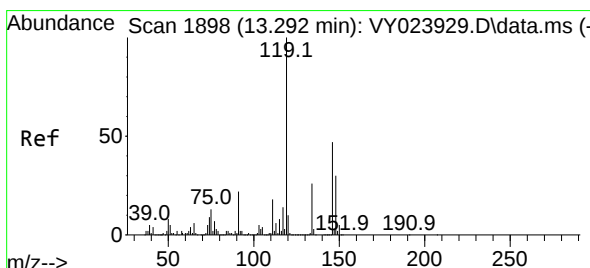
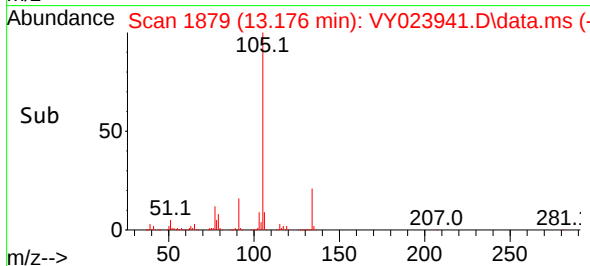
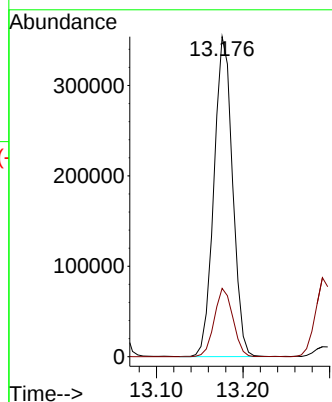
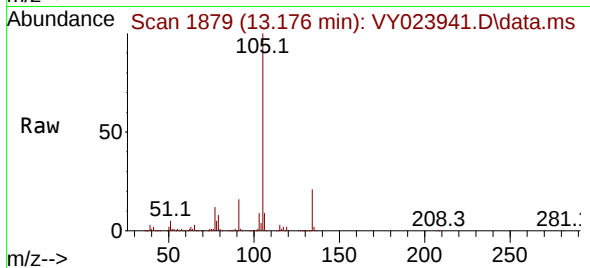
VY1211SBS01

Tgt Ion:105 Resp: 528488

Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8



#86

p-Isopropyltoluene

Concen: 19.064 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

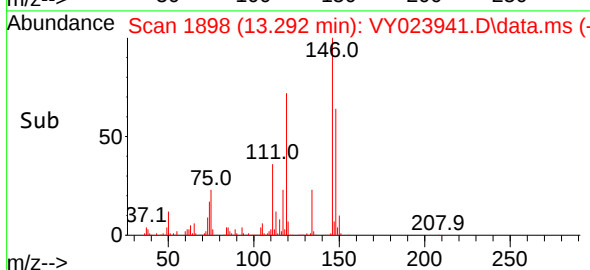
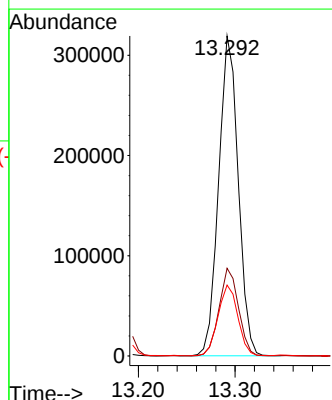
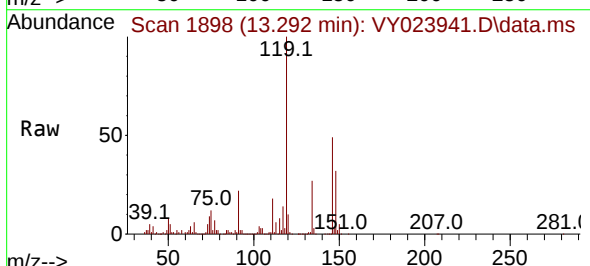
Tgt Ion:119 Resp: 447749

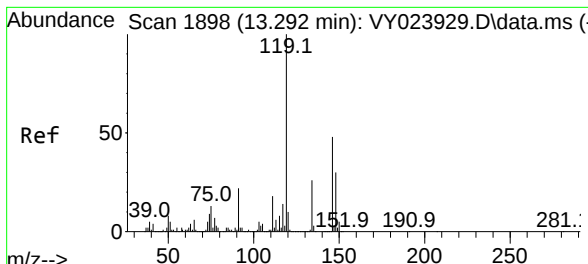
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 22.3 11.1 33.3



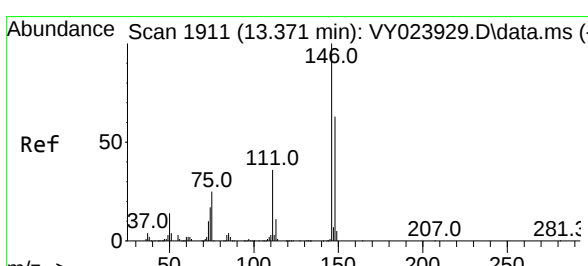
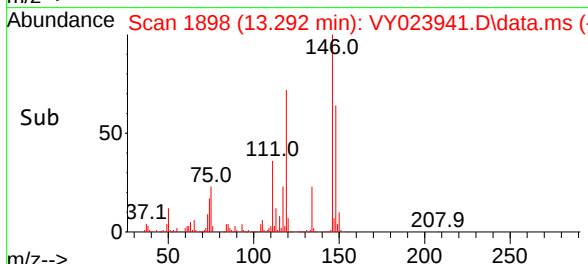
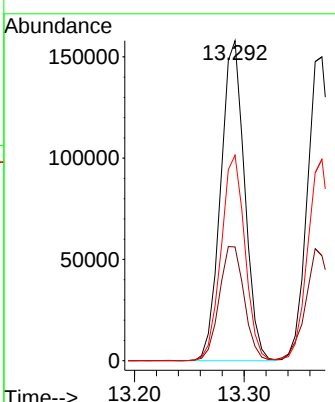
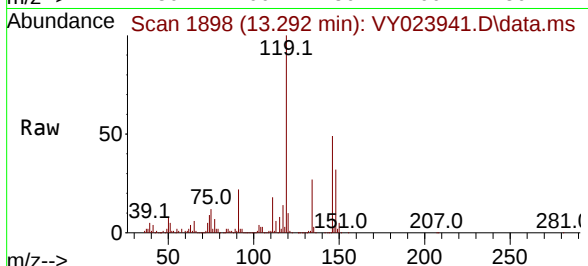


#87
 1,3-Dichlorobenzene
 Concen: 19.250 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023941.D
 Acq: 11 Dec 2025 09:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBS01

Tgt Ion:146 Resp: 239351

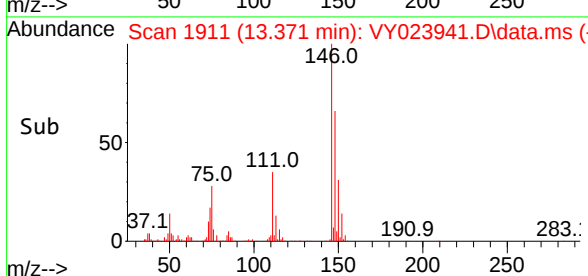
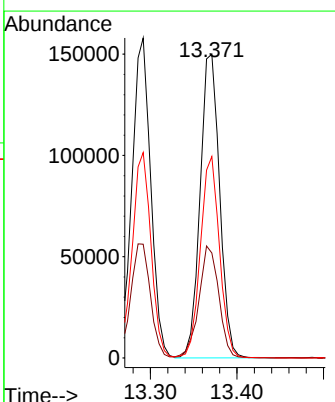
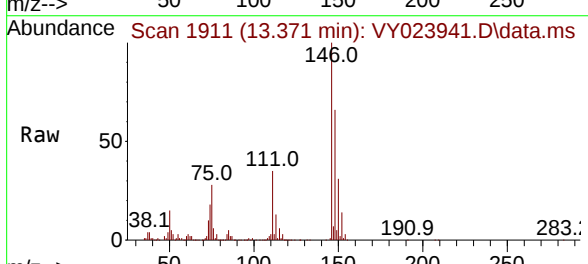
Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.9
148	64.1	32.0	96.0

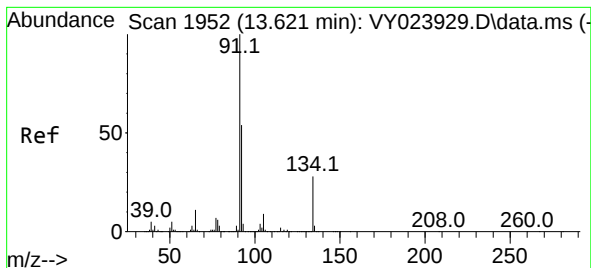


#88
 1,4-Dichlorobenzene
 Concen: 19.140 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY023941.D
 Acq: 11 Dec 2025 09:22

Tgt Ion:146 Resp: 234586

Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.0
148	64.8	31.9	95.9





#89

n-Butylbenzene

Concen: 19.061 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBS01

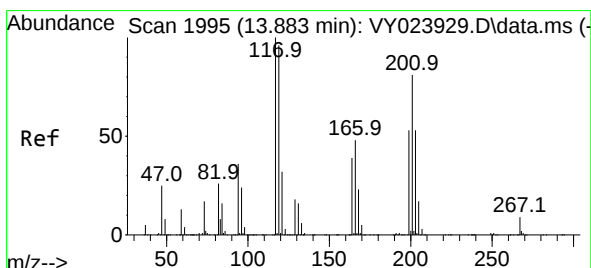
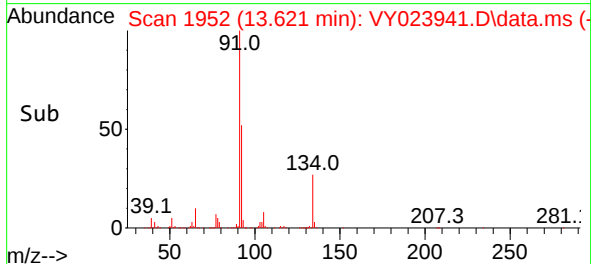
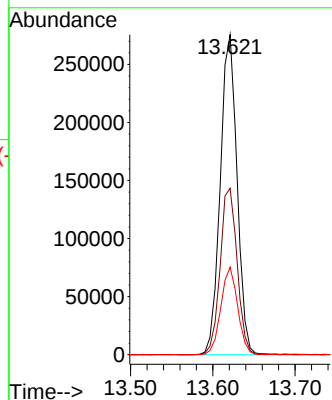
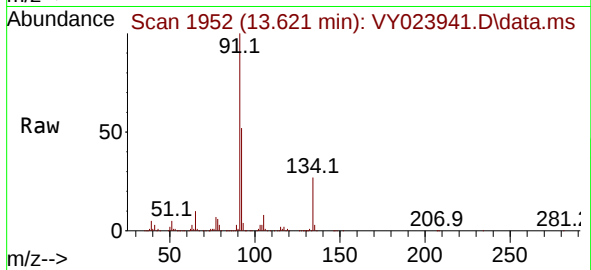
Tgt Ion: 91 Resp: 391657

Ion Ratio Lower Upper

91 100

92 52.7 26.9 80.6

134 27.3 13.9 41.6



#90

Hexachloroethane

Concen: 19.570 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY023941.D

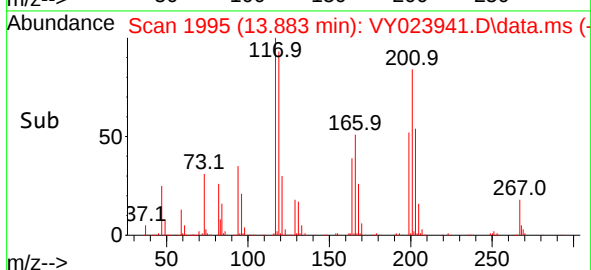
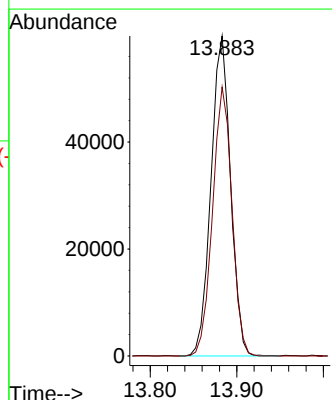
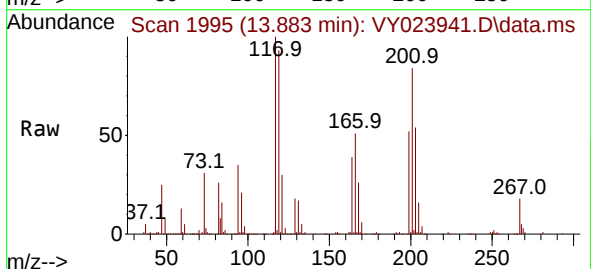
Acq: 11 Dec 2025 09:22

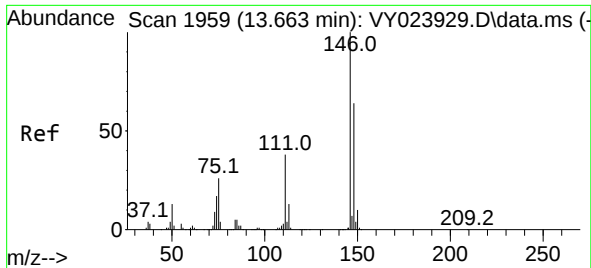
Tgt Ion: 117 Resp: 93790

Ion Ratio Lower Upper

117 100

201 83.3 42.4 127.3

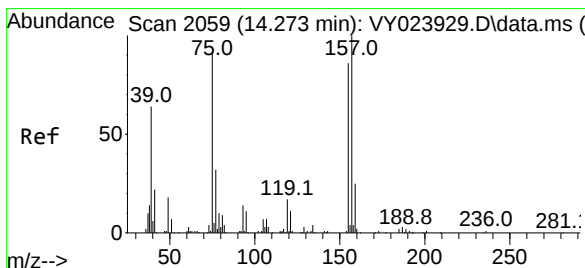
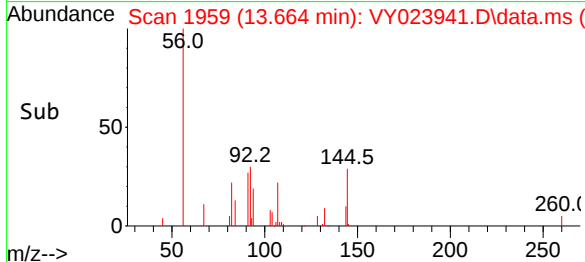
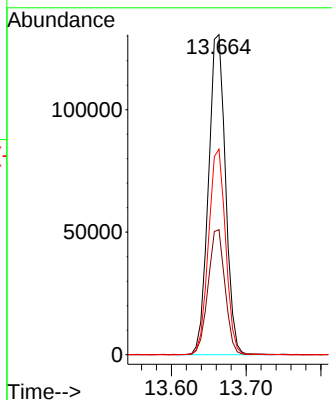
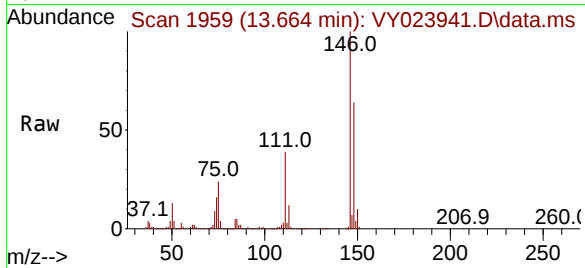




#91
 1,2-Dichlorobenzene
 Concen: 19.166 ug/l
 RT: 13.664 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY023941.D
 Acq: 11 Dec 2025 09:22

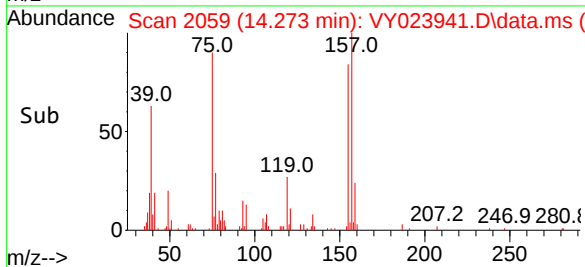
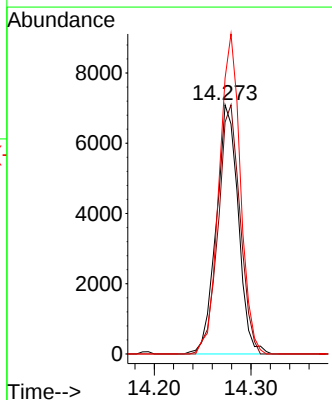
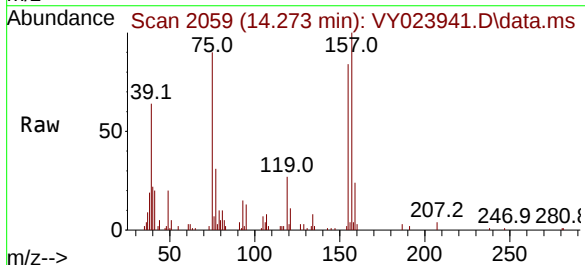
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBS01

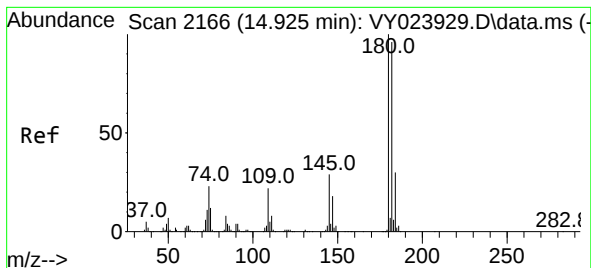
Tgt Ion:	146	Resp:	206472
Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.7
148	64.3	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.371 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023941.D
 Acq: 11 Dec 2025 09:22

Tgt Ion:	75	Resp:	11176
Ion	Ratio	Lower	Upper
75	100		
155	99.3	50.2	150.7
157	123.6	62.8	188.5





#93

1,2,4-Trichlorobenzene

Concen: 18.643 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBS01

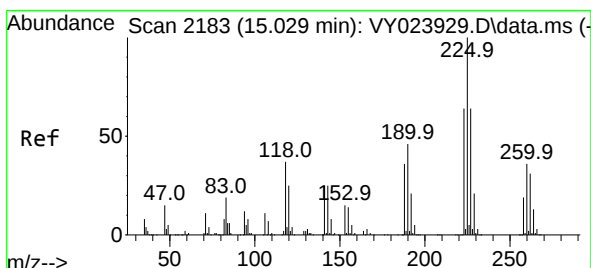
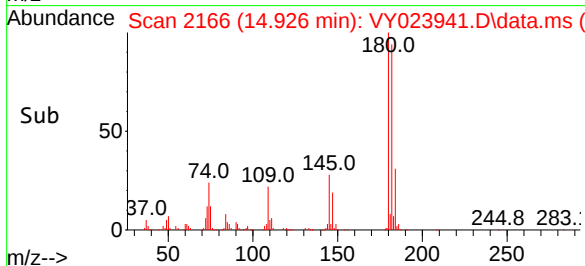
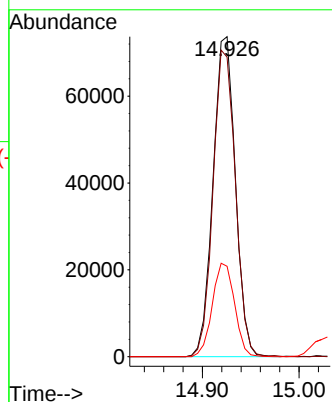
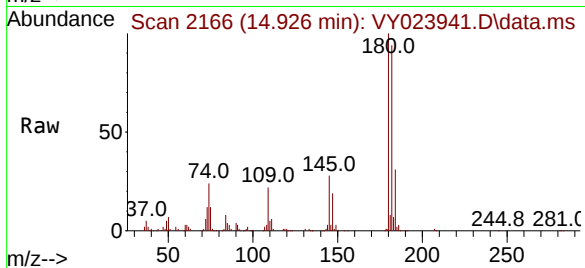
Tgt Ion:180 Resp: 118040

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.9

145 29.0 14.8 44.4



#94

Hexachlorobutadiene

Concen: 19.166 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

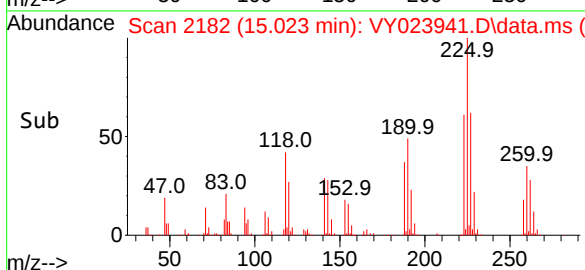
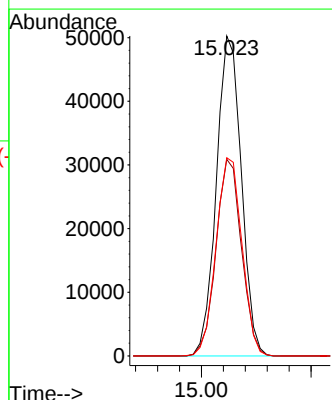
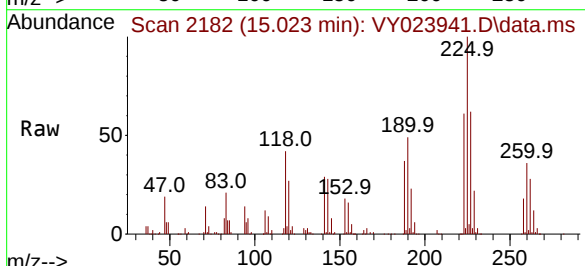
Tgt Ion:225 Resp: 79545

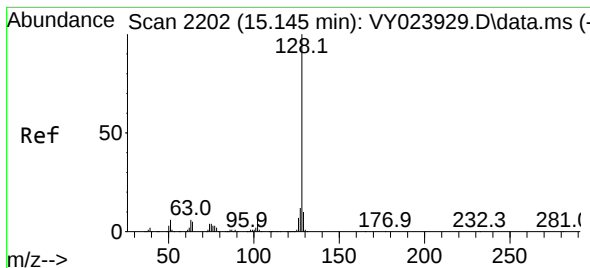
Ion Ratio Lower Upper

225 100

223 62.7 31.6 95.0

227 64.3 31.7 95.1





#95

Naphthalene

Concen: 17.893 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBS01

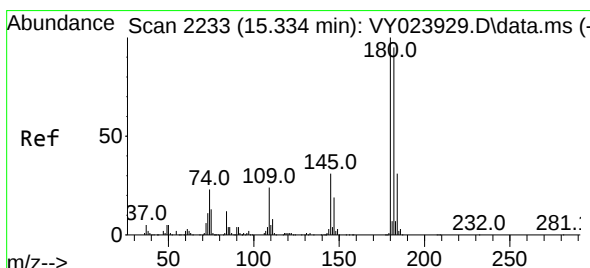
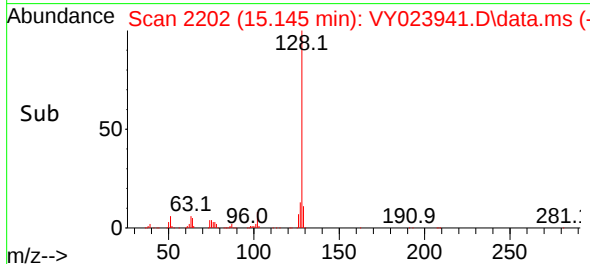
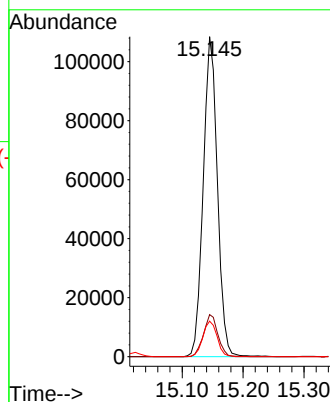
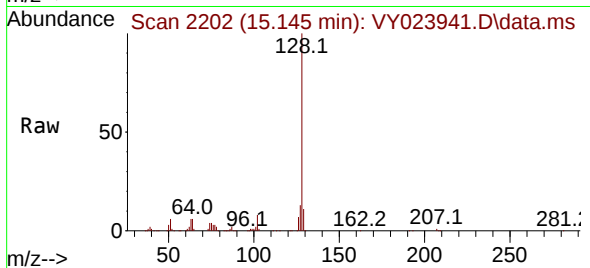
Tgt Ion:128 Resp: 175179

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.993 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY023941.D

Acq: 11 Dec 2025 09:22

Tgt Ion:180 Resp: 102331

Ion Ratio Lower Upper

180 100

182 94.8 47.8 143.4

145 29.8 15.6 46.8

