

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023947.D
 Acq On : 11 Dec 2025 12:03
 Operator : SY/MD
 Sample : VY1211SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBSD02

Quant Time: Dec 12 03:20:49 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	469029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	665680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	534496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	267567	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	173262	41.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.560%
35) Dibromofluoromethane	7.640	113	194962	44.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.600%
50) Toluene-d8	10.109	98	756118	46.671	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.340%
62) 4-Bromofluorobenzene	12.407	95	230303	42.566	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	69743	21.442	ug/l	99
3) Chloromethane	2.074	50	78115	18.695	ug/l	98
4) Vinyl Chloride	2.208	62	104872	20.311	ug/l	98
5) Bromomethane	2.598	94	74782	17.012	ug/l	97
6) Chloroethane	2.744	64	70292	19.322	ug/l	96
7) Trichlorofluoromethane	3.062	101	159782	20.555	ug/l	100
8) Diethyl Ether	3.458	74	36060	16.886	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.824	101	95583	21.099	ug/l	97
10) Methyl Iodide	4.013	142	88347	15.762	ug/l	99
11) Tert butyl alcohol	4.848	59	21042	87.627	ug/l	99
12) 1,1-Dichloroethene	3.799	96	83264	19.562	ug/l	98
13) Acrolein	3.659	56	37260	97.016	ug/l	100
14) Allyl chloride	4.391	41	107527	19.744	ug/l	99
15) Acrylonitrile	5.061	53	68149	80.098	ug/l	99
16) Acetone	3.866	43	110667	81.285	ug/l	97
17) Carbon Disulfide	4.110	76	207397	18.348	ug/l	98
18) Methyl Acetate	4.391	43	28952	15.431	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	172820	16.979	ug/l	97
20) Methylene Chloride	4.628	84	85982	17.624	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	90163	19.296	ug/l	99
22) Diisopropyl ether	6.030	45	238259	19.212	ug/l	96
23) Vinyl Acetate	5.970	43	579282	84.068	ug/l	99
24) 1,1-Dichloroethane	5.921	63	153890	19.909	ug/l	98
25) 2-Butanone	6.896	43	107781	84.102	ug/l	97
26) 2,2-Dichloropropane	6.890	77	146452	20.292	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	104035	19.395	ug/l	98
28) Bromochloromethane	7.250	49	59139	20.308	ug/l	97
29) Tetrahydrofuran	7.268	42	52435	80.226	ug/l	96
30) Chloroform	7.420	83	167851	19.879	ug/l	98
31) Cyclohexane	7.707	56	140426	19.746	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	159703	20.397	ug/l	99
36) 1,1-Dichloropropene	7.841	75	121978	20.590	ug/l	99
37) Ethyl Acetate	6.988	43	40225	16.674	ug/l	97
38) Carbon Tetrachloride	7.823	117	148728	20.712	ug/l	99
39) Methylcyclohexane	9.115	83	152182	19.228	ug/l	94
40) Benzene	8.085	78	356197	19.744	ug/l	100

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBSD02

Quant Time: Dec 12 03:20:49 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)
41) Methacrylonitrile	7.219	41	15855	11.947	ug/l #	77
42) 1,2-Dichloroethane	8.158	62	83699	17.692	ug/l	99
43) Isopropyl Acetate	8.201	43	74873	16.480	ug/l #	87
44) Trichloroethene	8.871	130	102957	19.682	ug/l	95
45) 1,2-Dichloropropane	9.146	63	77598	19.064	ug/l	94
46) Dibromomethane	9.231	93	41121	17.153	ug/l	97
47) Bromodichloromethane	9.426	83	117722	18.666	ug/l	96
48) Methyl methacrylate	9.225	41	33574	15.874	ug/l	100
49) 1,4-Dioxane	9.225	88	8075	302.134	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	192700	80.050	ug/l	97
52) Toluene	10.176	92	230117	19.277	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	93847	17.220	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	117470	18.291	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	55336	16.770	ug/l	99
56) Ethyl methacrylate	10.444	69	59476	15.205	ug/l	99
57) 1,3-Dichloropropane	10.719	76	90502	16.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	147504	87.054	ug/l	99
59) 2-Hexanone	10.761	43	143083	78.316	ug/l	99
60) Dibromochloromethane	10.914	129	77365	16.935	ug/l	97
61) 1,2-Dibromoethane	11.017	107	50499	16.516	ug/l	100
64) Tetrachloroethene	10.652	164	120058	20.909	ug/l	99
65) Chlorobenzene	11.444	112	243110	19.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	85078	19.587	ug/l	99
67) Ethyl Benzene	11.523	91	414990	19.998	ug/l	100
68) m/p-Xylenes	11.633	106	338293	41.066	ug/l	99
69) o-Xylene	11.956	106	148331	19.249	ug/l	99
70) Styrene	11.975	104	236286	18.980	ug/l	98
71) Bromoform	12.133	173	44266	17.293	ug/l #	98
73) Isopropylbenzene	12.255	105	412240	21.082	ug/l	99
74) N-amyl acetate	12.072	43	56786	16.372	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	51542	17.311	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	71554	31.614	ug/l #	100
77) Bromobenzene	12.535	156	93759	19.324	ug/l	97
78) n-propylbenzene	12.596	91	478474	21.031	ug/l	100
79) 2-Chlorotoluene	12.682	91	267354	20.688	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	326269	20.915	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	16929	17.025	ug/l	99
82) 4-Chlorotoluene	12.779	91	265896	19.986	ug/l	98
83) tert-Butylbenzene	12.999	119	305804	21.216	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	313965	20.316	ug/l	100
85) sec-Butylbenzene	13.176	105	443510	21.094	ug/l	99
86) p-Isopropyltoluene	13.291	119	359765	20.214	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	183588	19.485	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	172515	18.574	ug/l	98
89) n-Butylbenzene	13.621	91	308870	19.836	ug/l	98
90) Hexachloroethane	13.883	117	74486	20.510	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	150128	18.390	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7354	15.952	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	73978	15.418	ug/l	97
94) Hexachlorobutadiene	15.023	225	59049	18.775	ug/l	99
95) Naphthalene	15.145	128	92951	12.529	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	59987	14.692	ug/l	100

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Operator : SY/MD
Sample : VY1211SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

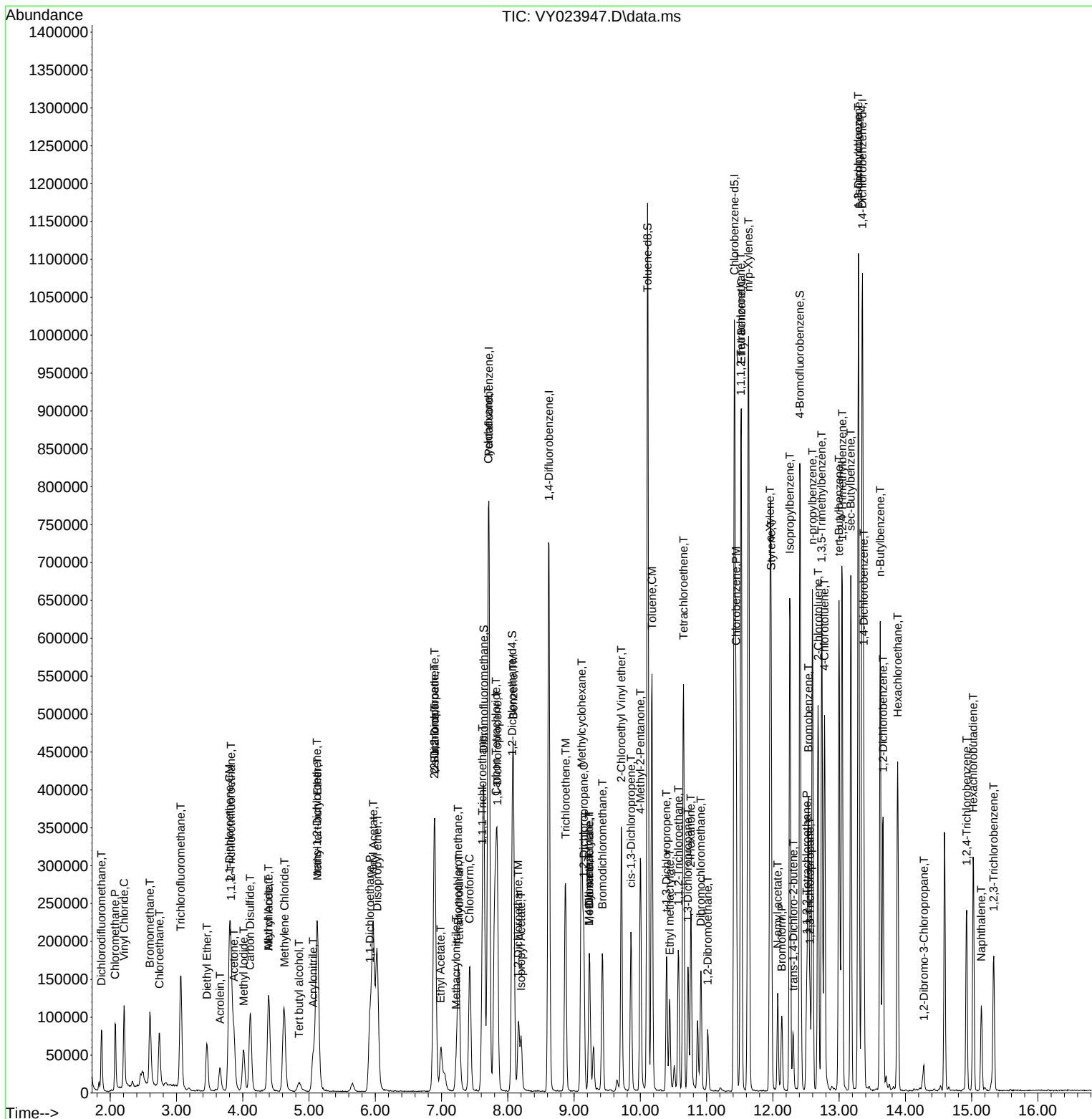
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

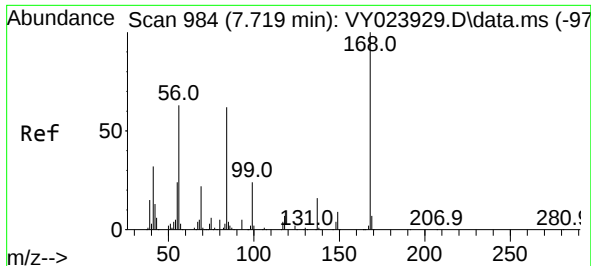
Quant Time: Dec 12 03:20:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

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

Quant Time: Dec 12 03:20:49 2025
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Quant Title : SW846 8260
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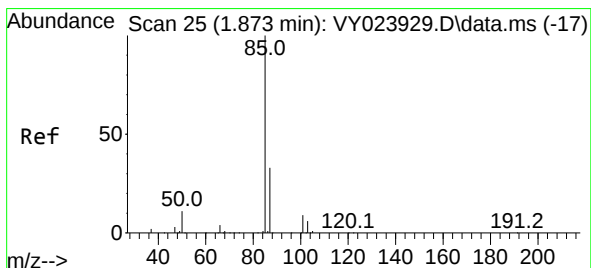
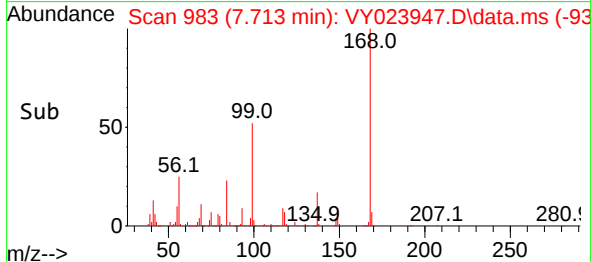
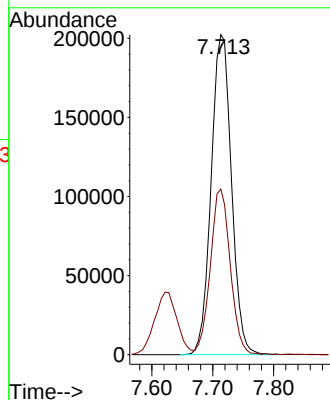
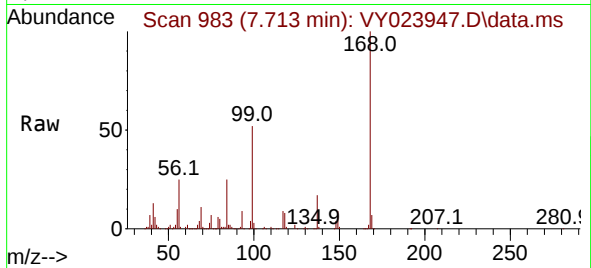




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

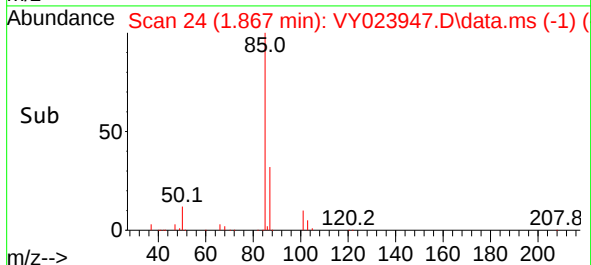
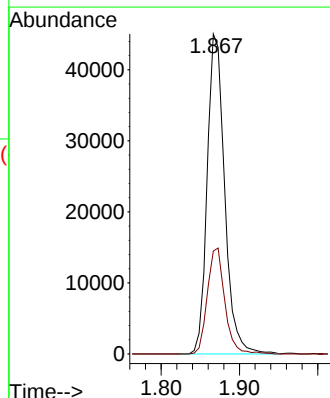
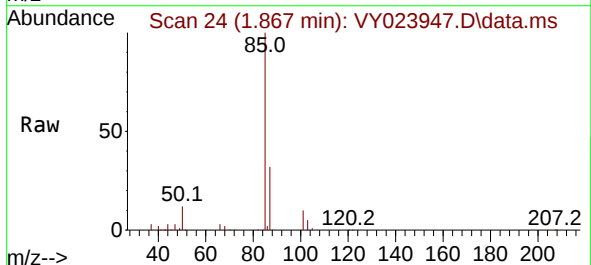
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

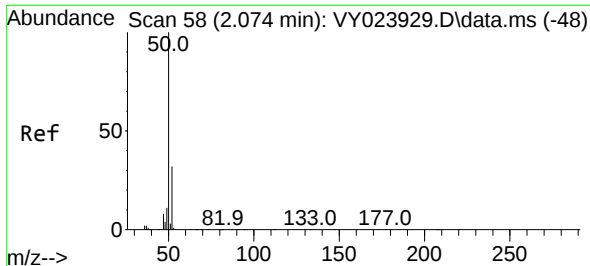
Tgt Ion:168 Resp: 469029
Ion Ratio Lower Upper
168 100
99 51.7 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 21.442 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 85 Resp: 69743
Ion Ratio Lower Upper
85 100
87 32.1 16.4 49.1

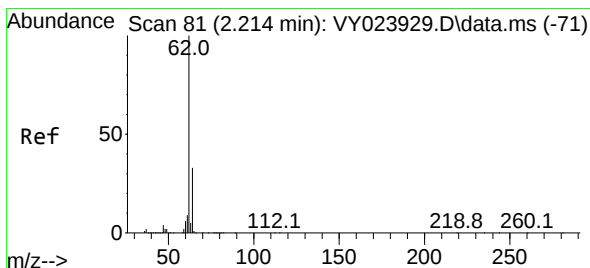
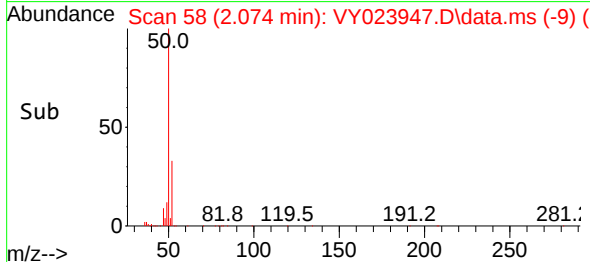
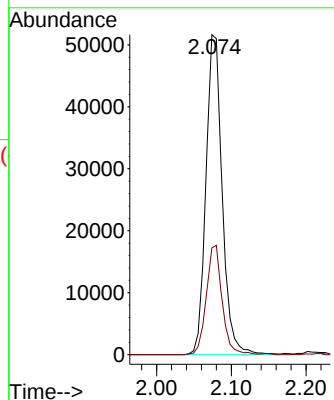
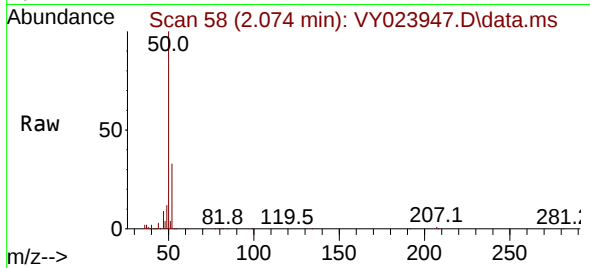




#3
Chloromethane
Concen: 18.695 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

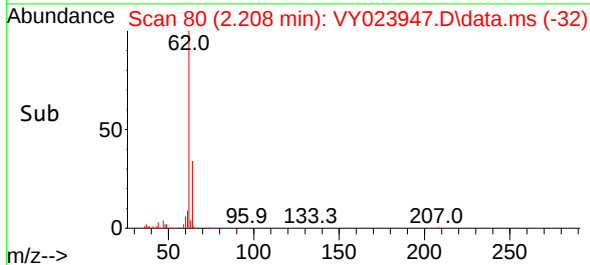
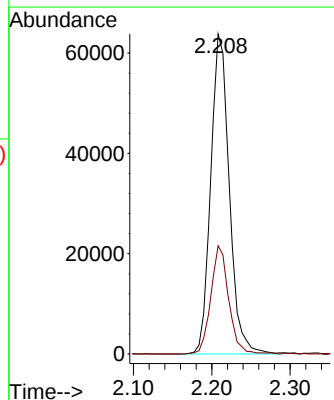
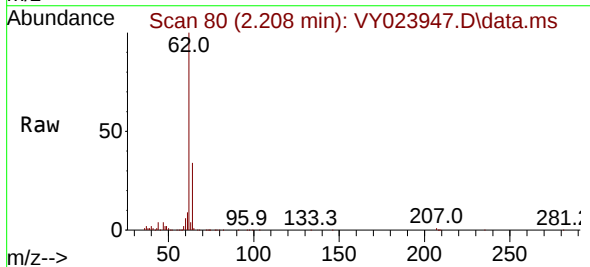
Instrument :
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ClientSampleId :
VY1211SBSD02

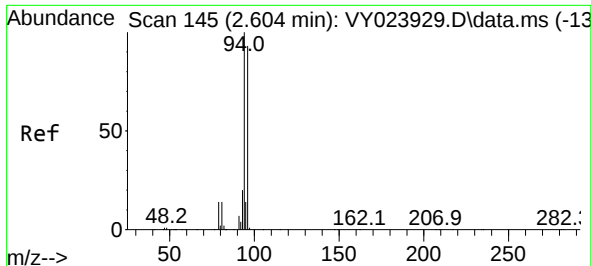
Tgt Ion: 50 Resp: 78115
Ion Ratio Lower Upper
50 100
52 33.4 25.8 38.8



#4
Vinyl Chloride
Concen: 20.311 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 62 Resp: 104872
Ion Ratio Lower Upper
62 100
64 33.8 26.2 39.4

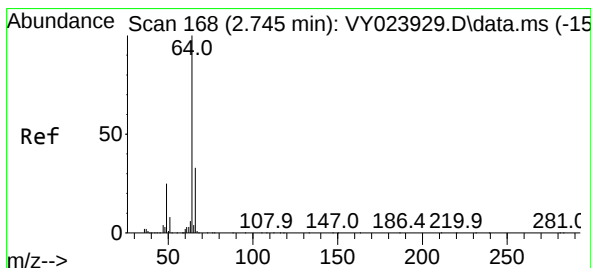
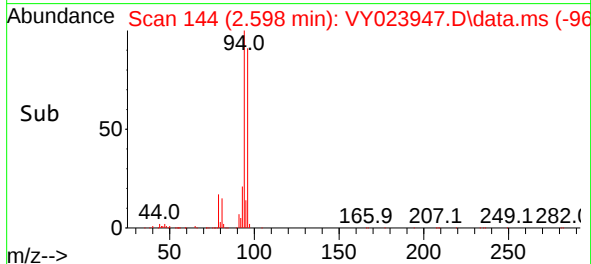
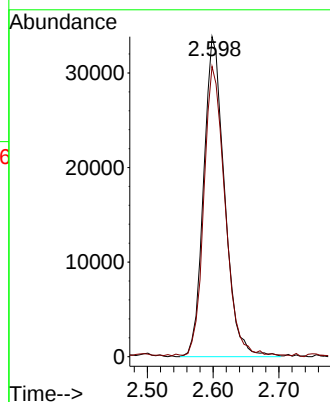
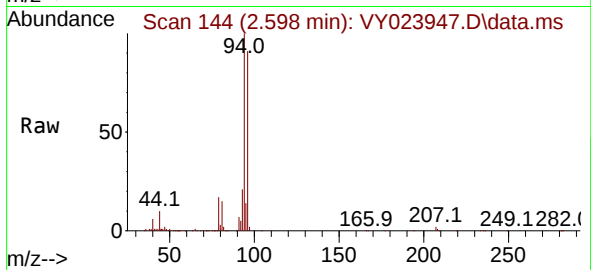




#5
Bromomethane
Concen: 17.012 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

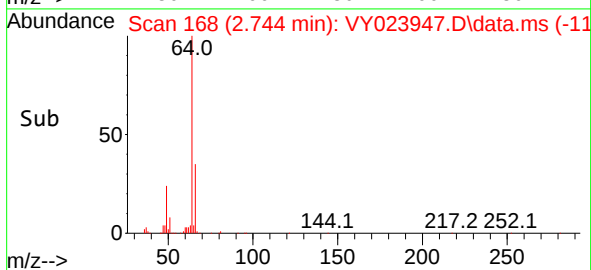
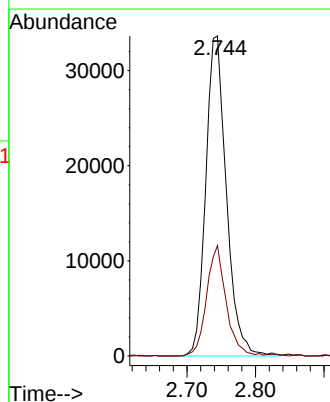
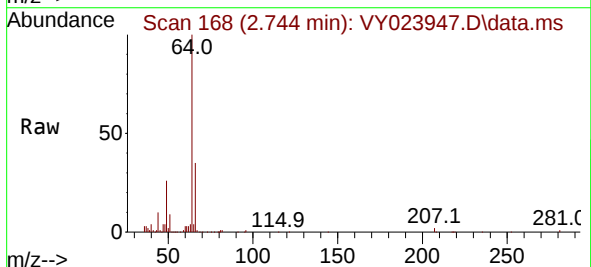
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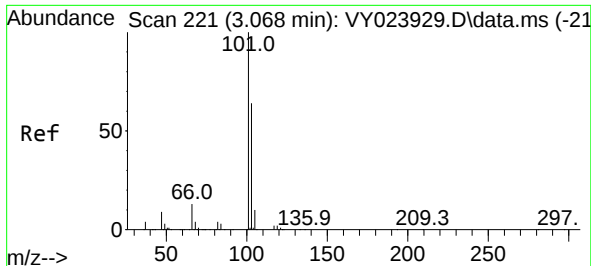
Tgt Ion: 94 Resp: 74782
Ion Ratio Lower Upper
94 100
96 90.2 74.8 112.2



#6
Chloroethane
Concen: 19.322 ug/l
RT: 2.744 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 64 Resp: 70292
Ion Ratio Lower Upper
64 100
66 34.5 26.0 39.0

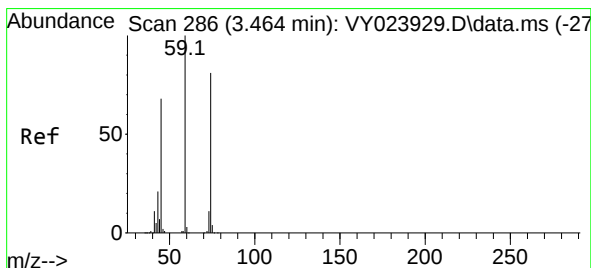
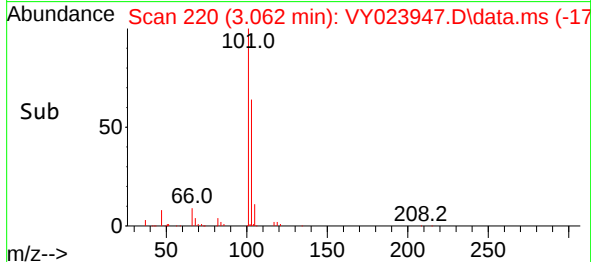
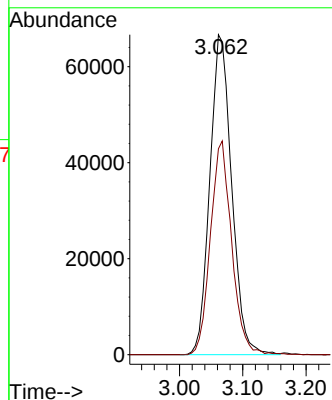
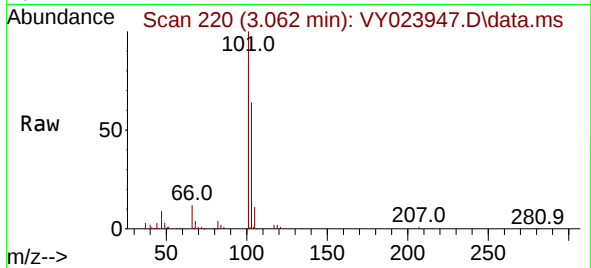




#7
Trichlorofluoromethane
Concen: 20.555 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

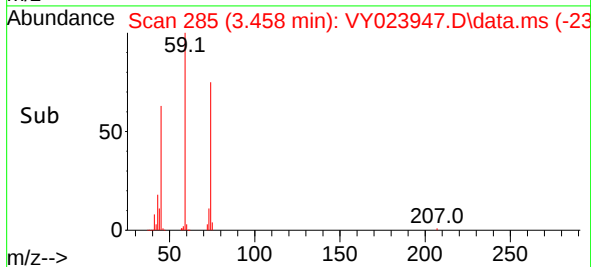
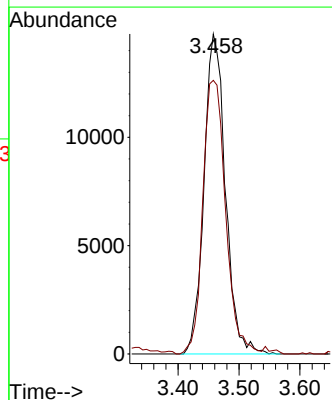
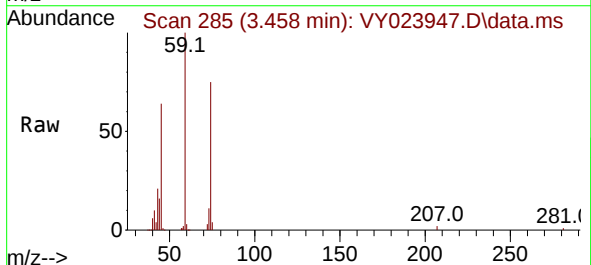
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

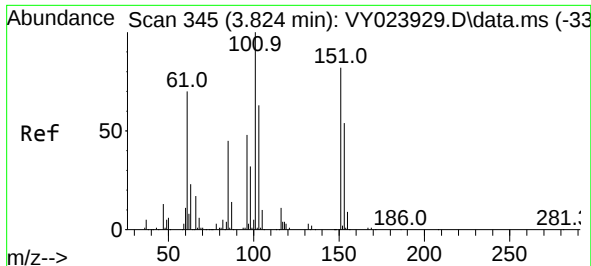
Tgt Ion:101 Resp: 159782
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2



#8
Diethyl Ether
Concen: 16.886 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 74 Resp: 36060
Ion Ratio Lower Upper
74 100
45 91.0 42.0 126.1

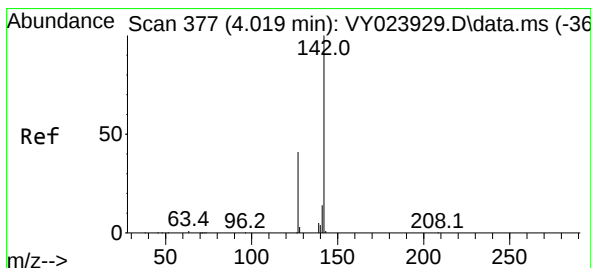
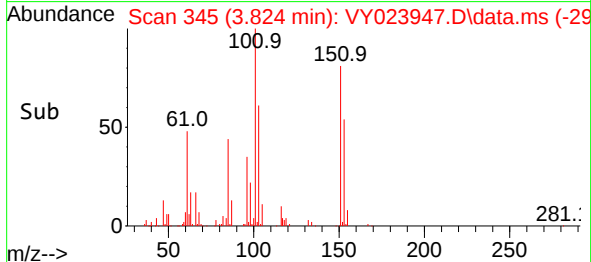
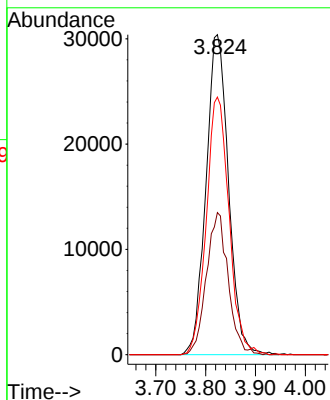
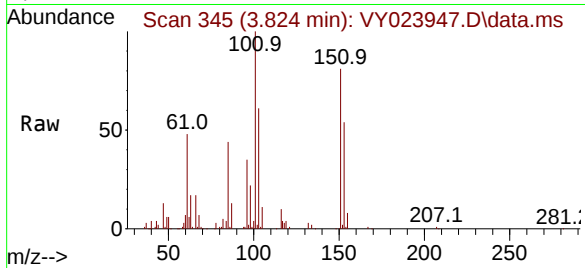




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.099 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

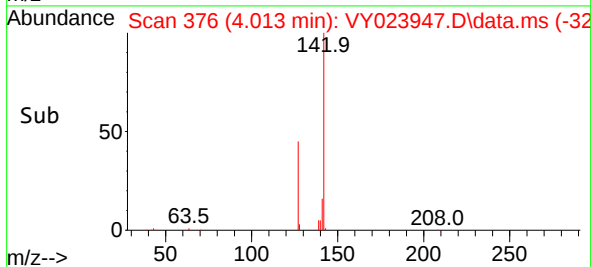
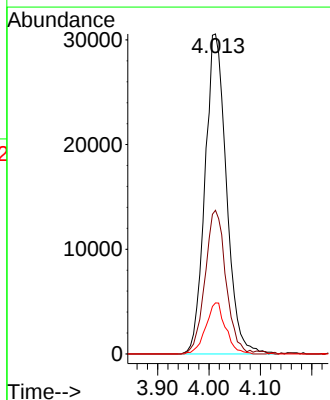
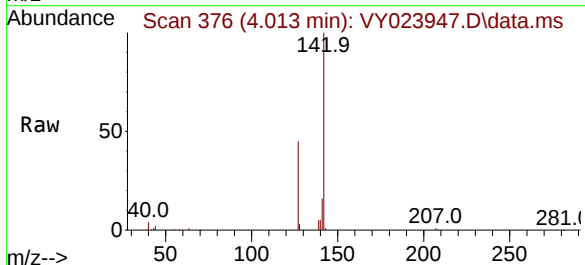
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

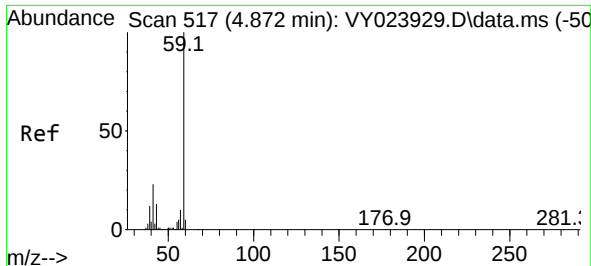
Tgt Ion:101 Resp: 95583
Ion Ratio Lower Upper
101 100
85 42.8 35.1 52.7
151 81.0 67.2 100.8



#10
Methyl Iodide
Concen: 15.762 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion:142 Resp: 88347
Ion Ratio Lower Upper
142 100
127 43.9 34.5 51.7
141 14.8 11.5 17.3





#11

Tert butyl alcohol

Concen: 87.627 ug/l

RT: 4.848 min Scan# 517

Delta R.T. -0.025 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

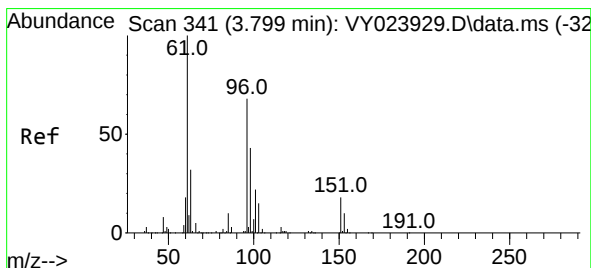
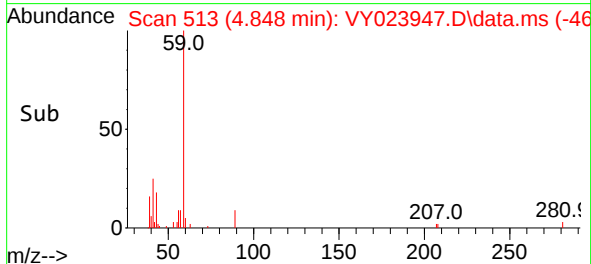
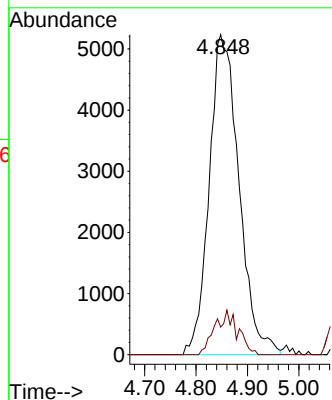
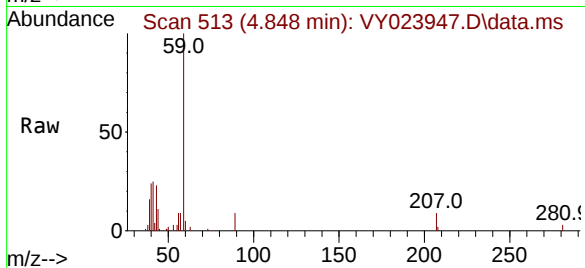
VY1211SBSD02

Tgt Ion: 59 Resp: 21042

Ion Ratio Lower Upper

59 100

57 10.7 8.7 13.1



#12

1,1-Dichloroethene

Concen: 19.562 ug/l

RT: 3.799 min Scan# 341

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

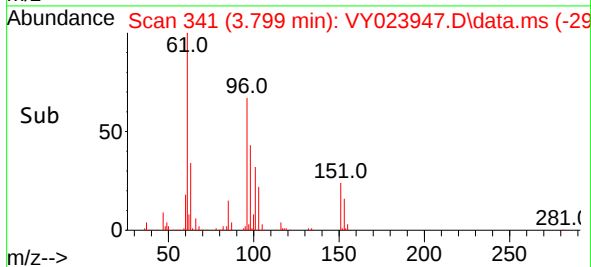
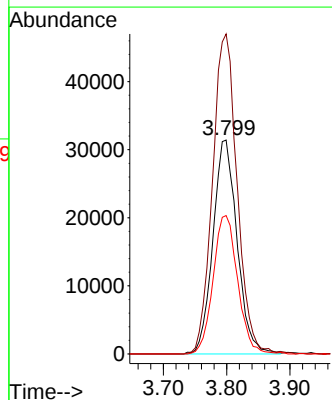
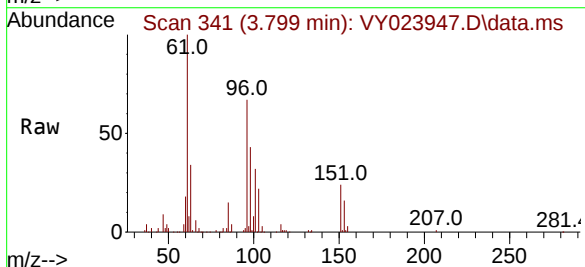
Tgt Ion: 96 Resp: 83264

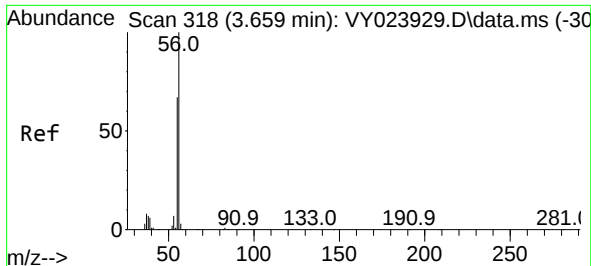
Ion Ratio Lower Upper

96 100

61 149.6 117.0 175.6

98 64.7 50.5 75.7

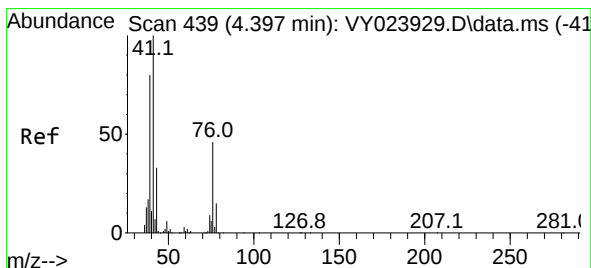
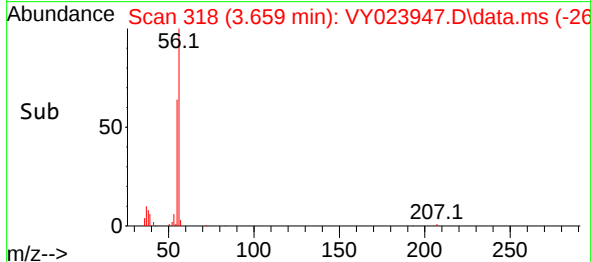
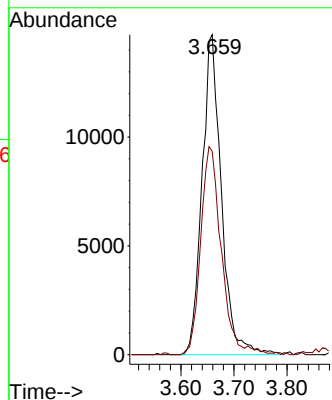
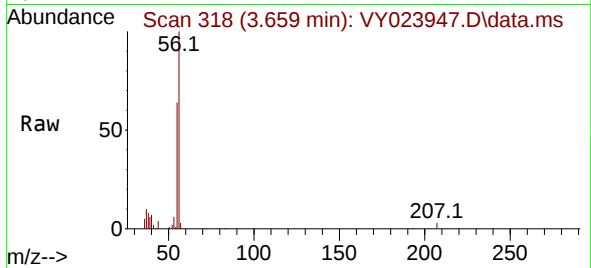




#13
Acrolein
Concen: 97.016 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

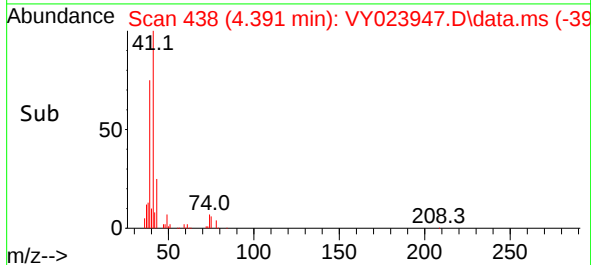
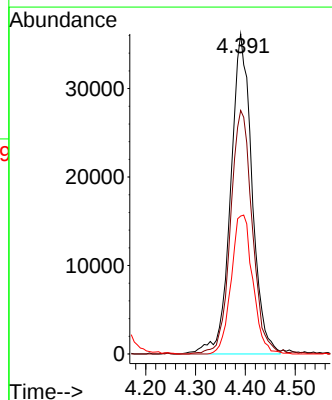
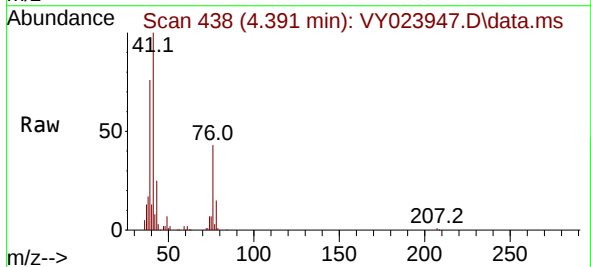
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

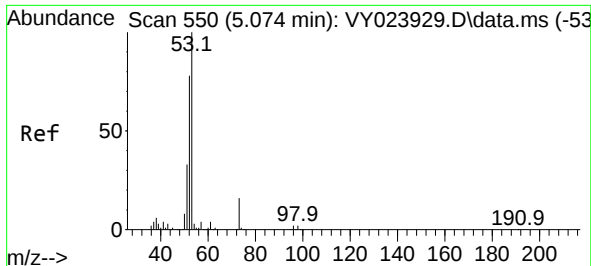
Tgt Ion: 56 Resp: 37260
Ion Ratio Lower Upper
56 100
55 69.4 55.7 83.5



#14
Allyl chloride
Concen: 19.744 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 41 Resp: 107527
Ion Ratio Lower Upper
41 100
39 77.6 62.9 94.3
76 43.8 35.7 53.5

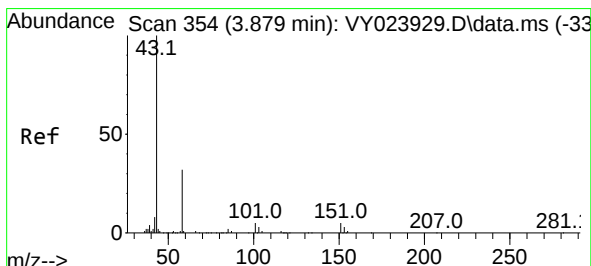
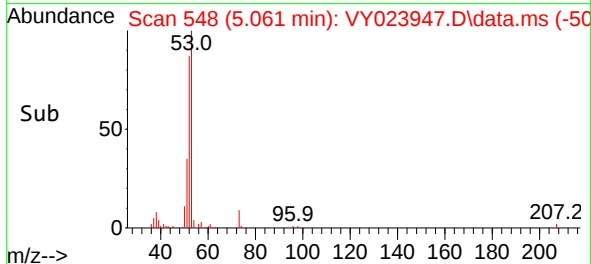
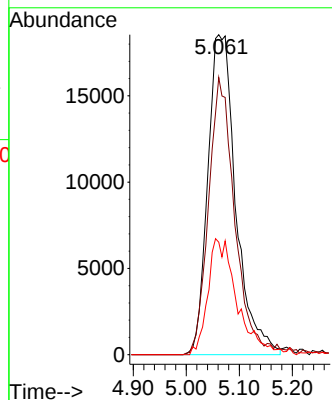
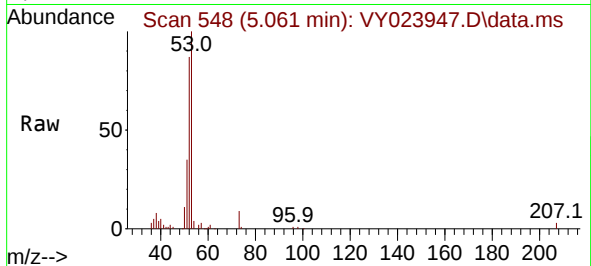




#15
Acrylonitrile
Concen: 80.098 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

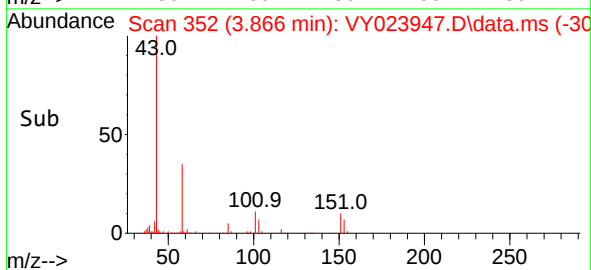
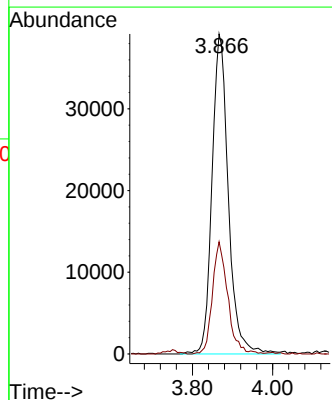
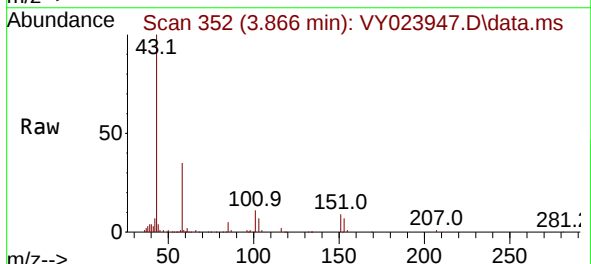
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

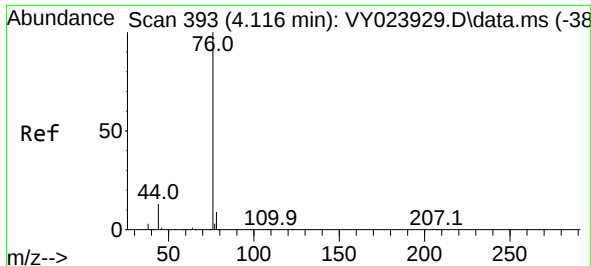
Tgt Ion: 53 Resp: 68149
Ion Ratio Lower Upper
53 100
52 81.1 64.2 96.2
51 37.6 29.3 43.9



#16
Acetone
Concen: 81.285 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 43 Resp: 110667
Ion Ratio Lower Upper
43 100
58 34.7 26.4 39.6

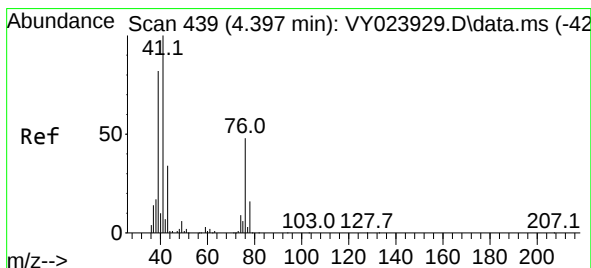
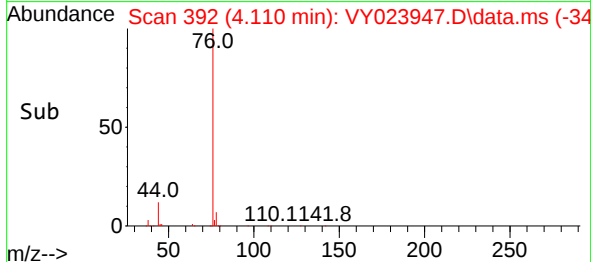
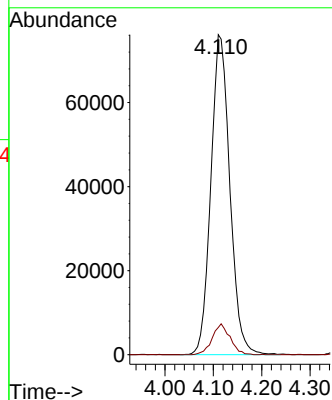
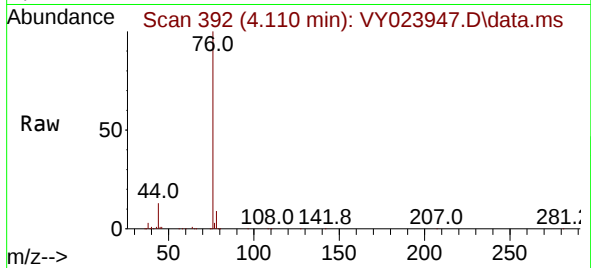




#17
Carbon Disulfide
Concen: 18.348 ug/l
RT: 4.110 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

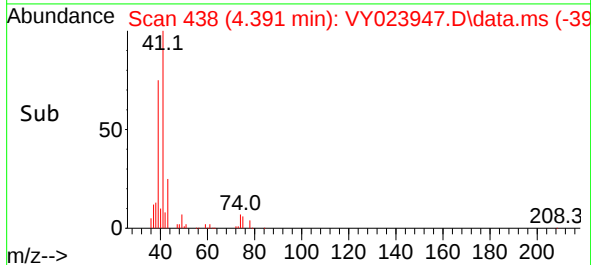
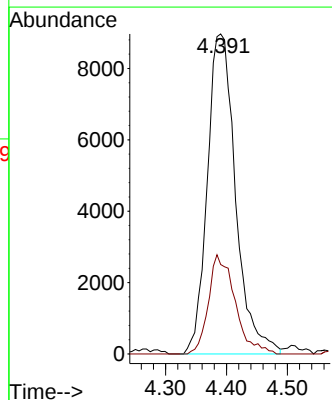
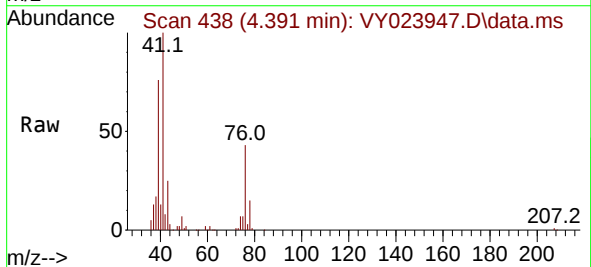
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

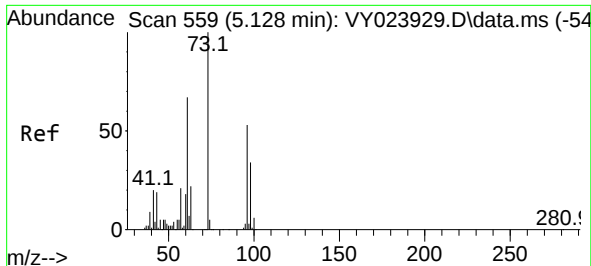
Tgt Ion: 76 Resp: 207397
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 15.431 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 43 Resp: 28952
Ion Ratio Lower Upper
43 100
74 29.1 22.6 33.8





#19

Methyl tert-butyl Ether

Concen: 16.979 ug/l

RT: 5.128 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

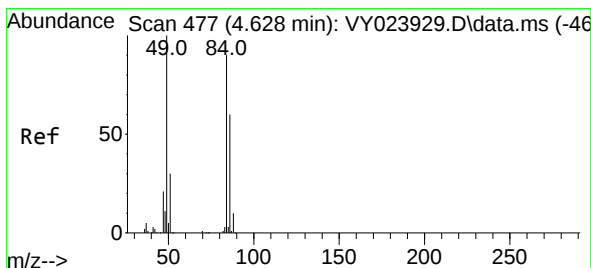
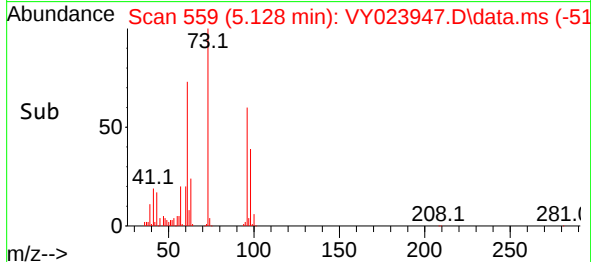
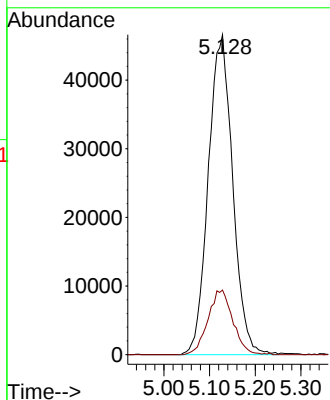
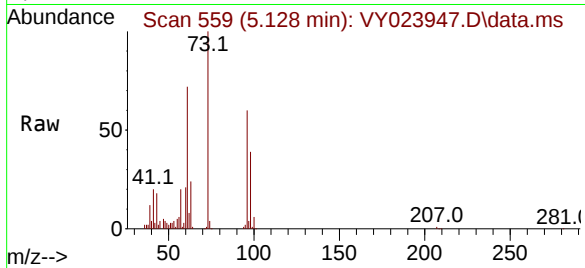
VY1211SBSD02

Tgt Ion: 73 Resp: 172820

Ion Ratio Lower Upper

73 100

57 20.2 17.1 25.7



#20

Methylene Chloride

Concen: 17.624 ug/l

RT: 4.628 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Tgt Ion: 84 Resp: 85982

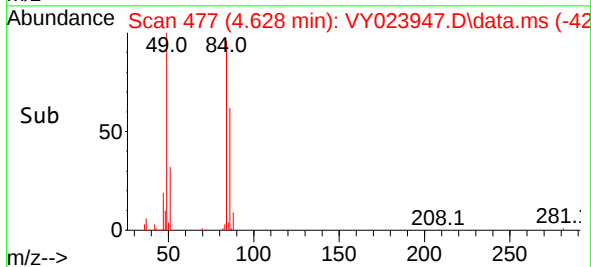
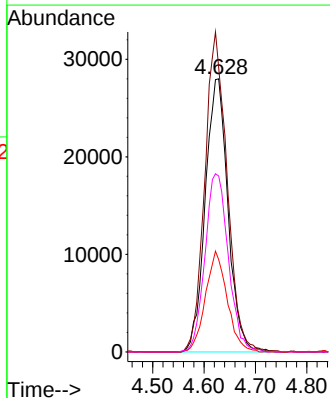
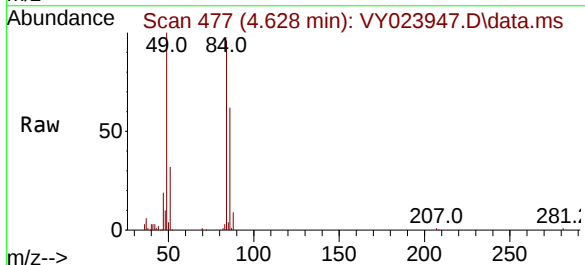
Ion Ratio Lower Upper

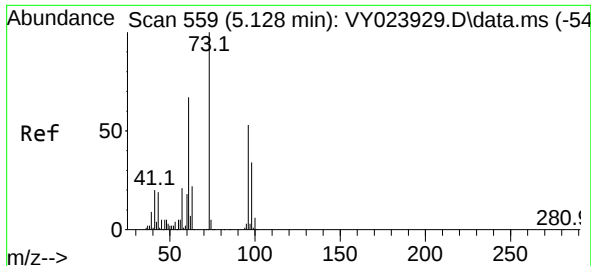
84 100

49 104.1 89.1 133.7

51 33.8 26.6 39.8

86 64.4 53.4 80.0

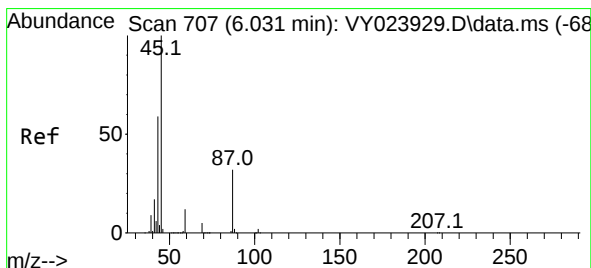
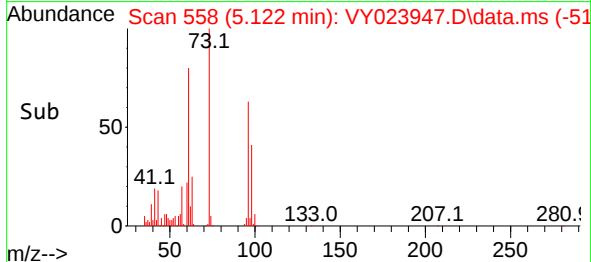
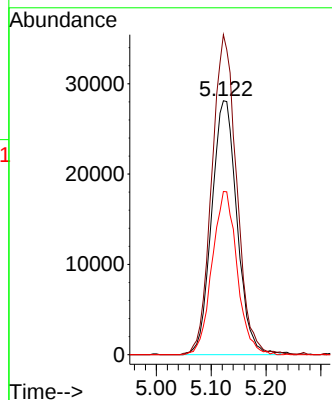
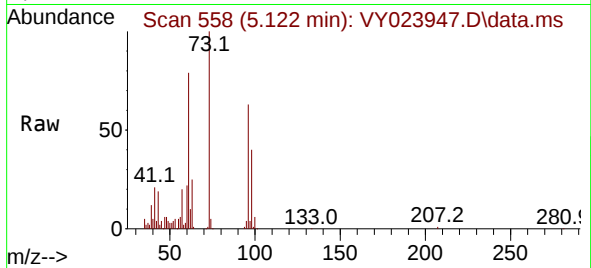




#21
trans-1,2-Dichloroethene
Concen: 19.296 ug/l
RT: 5.122 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

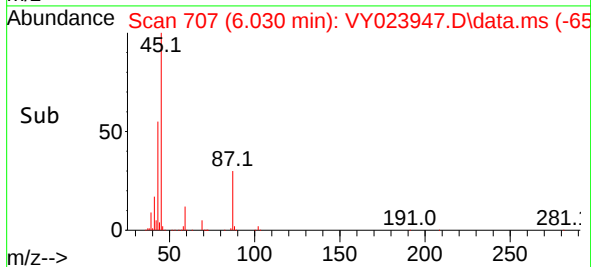
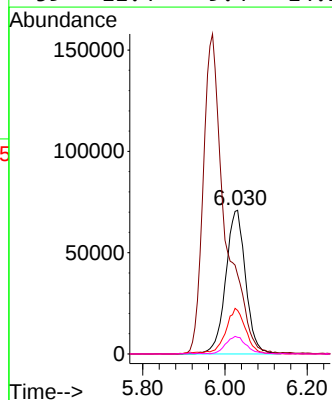
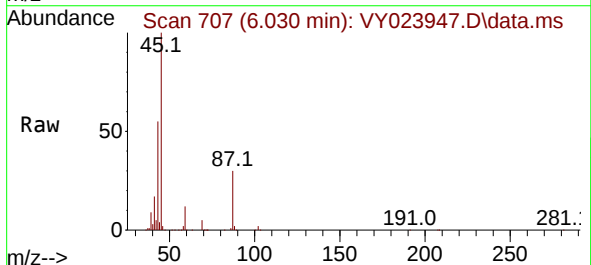
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

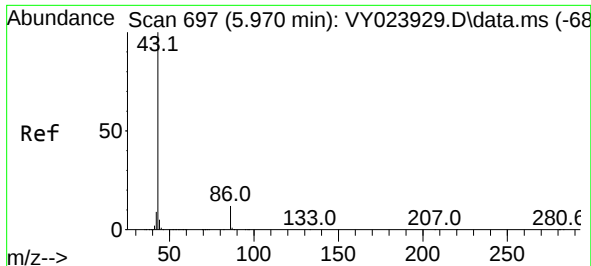
Tgt Ion: 96 Resp: 90163
Ion Ratio Lower Upper
96 100
61 126.0 101.4 152.0
98 64.2 51.7 77.5



#22
Diisopropyl ether
Concen: 19.212 ug/l
RT: 6.030 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 45 Resp: 238259
Ion Ratio Lower Upper
45 100
43 54.9 47.0 70.6
87 30.2 26.0 39.0
59 11.4 9.4 14.2

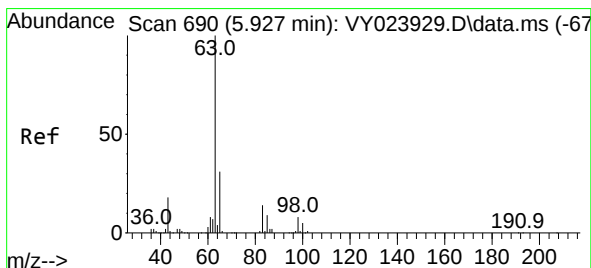
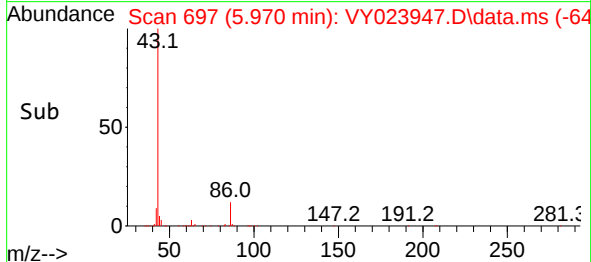
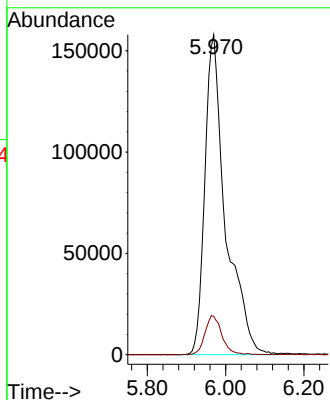
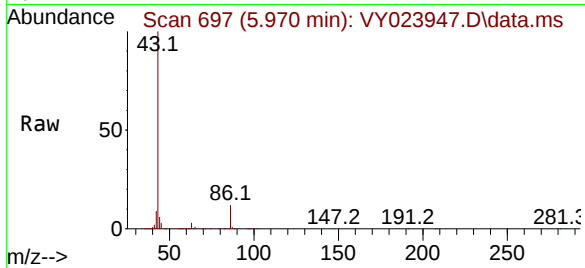




#23
 Vinyl Acetate
 Concen: 84.068 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY023947.D
 Acq: 11 Dec 2025 12:03

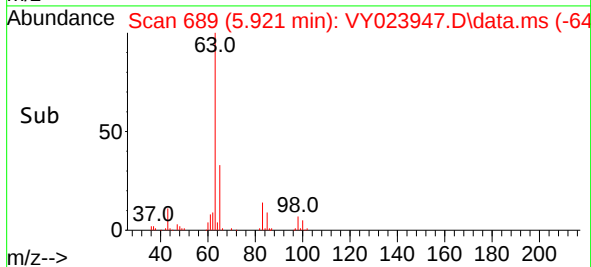
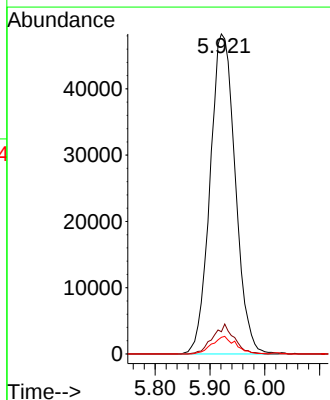
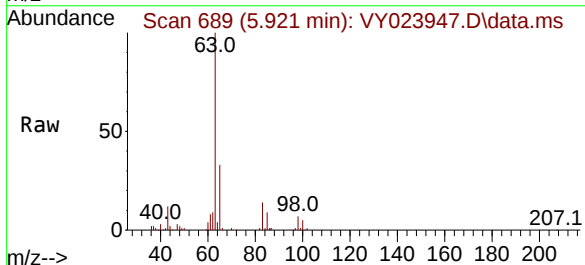
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBSD02

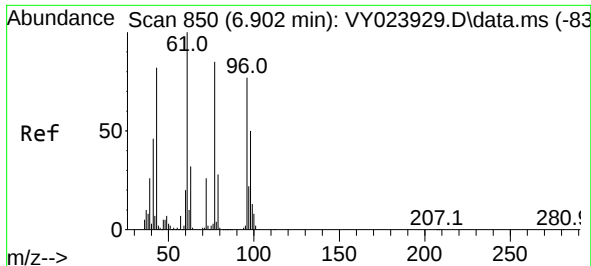
Tgt Ion: 43 Resp: 579282
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 19.909 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY023947.D
 Acq: 11 Dec 2025 12:03

Tgt Ion: 63 Resp: 153890
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 5.2 2.3 6.9

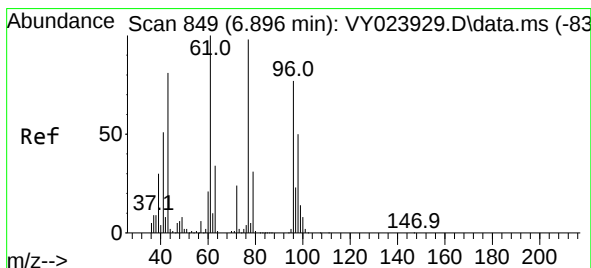
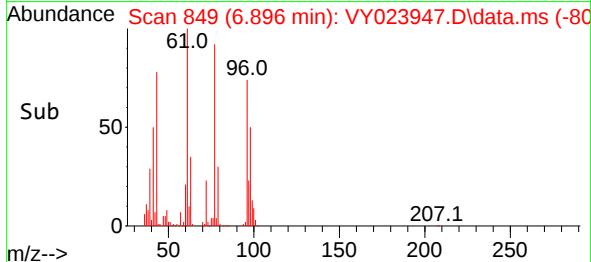
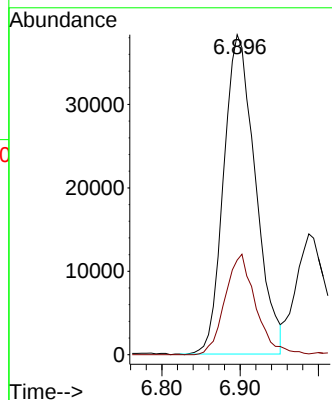
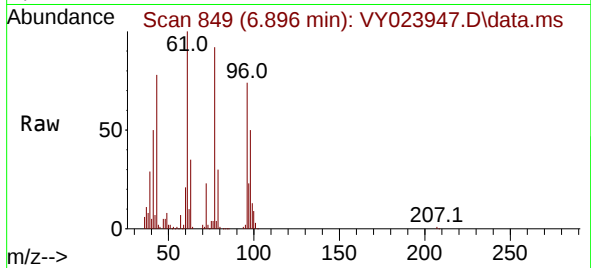




#25
2-Butanone
Concen: 84.102 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

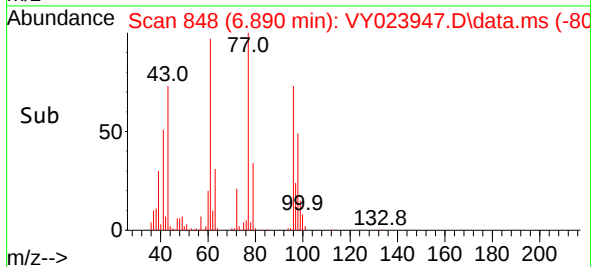
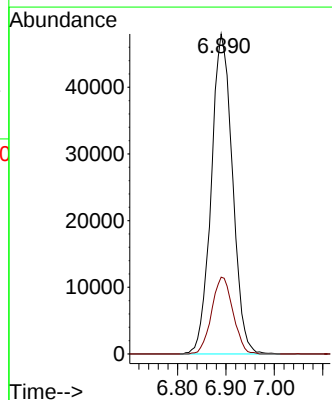
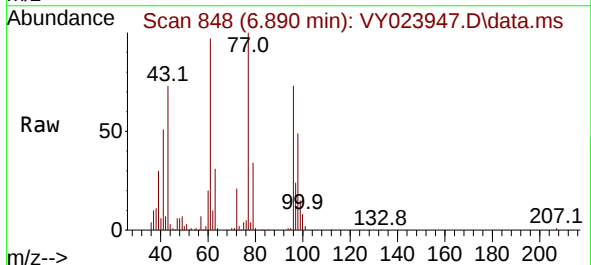
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

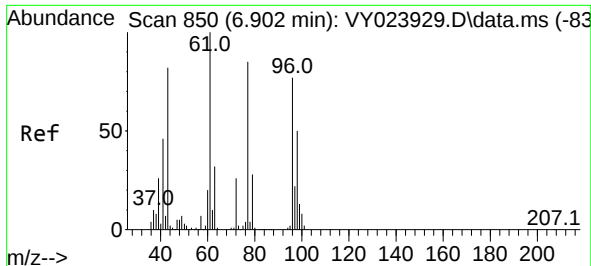
Tgt Ion: 43 Resp: 107781
Ion Ratio Lower Upper
43 100
72 29.6 25.0 37.6



#26
2,2-Dichloropropane
Concen: 20.292 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 77 Resp: 146452
Ion Ratio Lower Upper
77 100
97 24.0 11.9 35.9

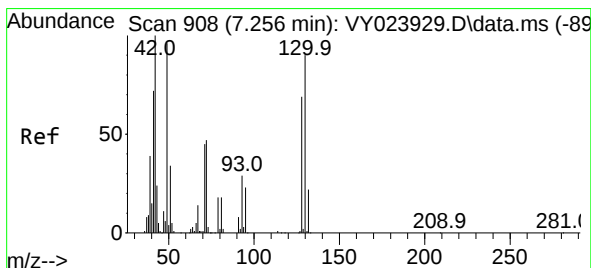
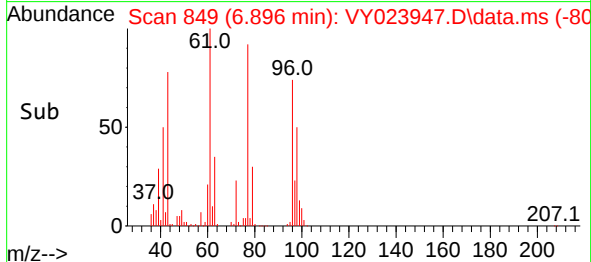
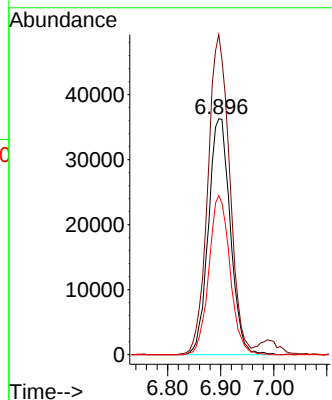
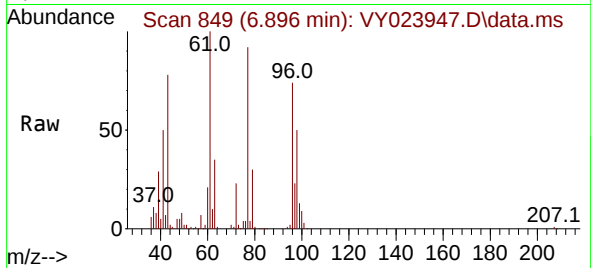




#27
 cis-1,2-Dichloroethene
 Concen: 19.395 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY023947.D
 Acq: 11 Dec 2025 12:03

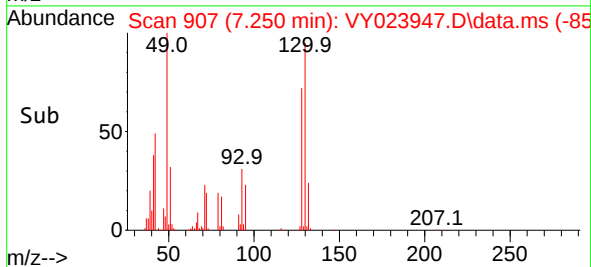
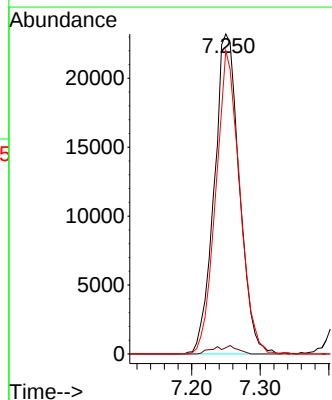
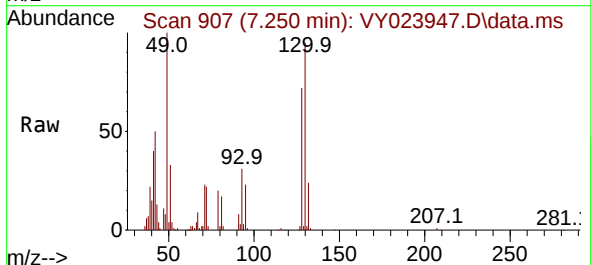
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1211SBSD02

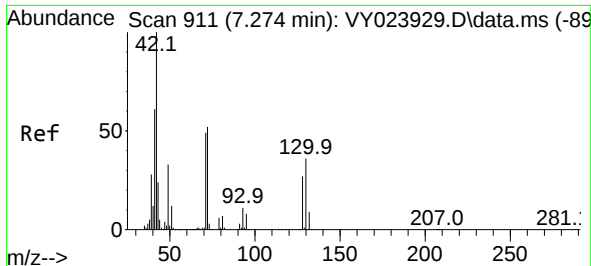
Tgt Ion: 96 Resp: 104035
 Ion Ratio Lower Upper
 96 100
 61 134.9 0.0 264.6
 98 65.0 0.0 129.6



#28
 Bromochloromethane
 Concen: 20.308 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VY023947.D
 Acq: 11 Dec 2025 12:03

Tgt Ion: 49 Resp: 59139
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.4
 130 89.9 74.4 111.6





#29

Tetrahydrofuran

Concen: 80.226 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD02

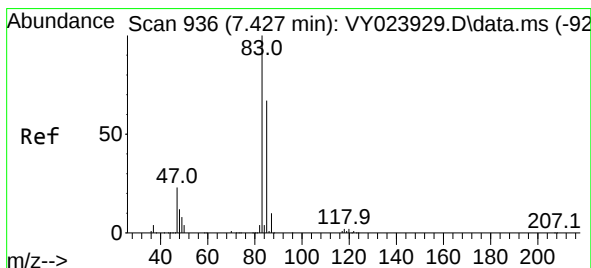
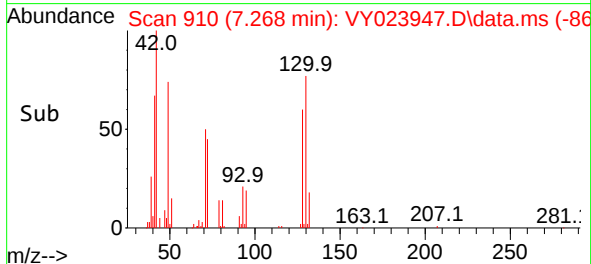
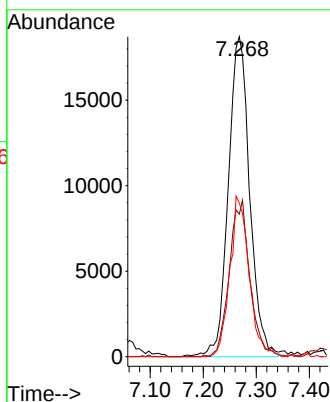
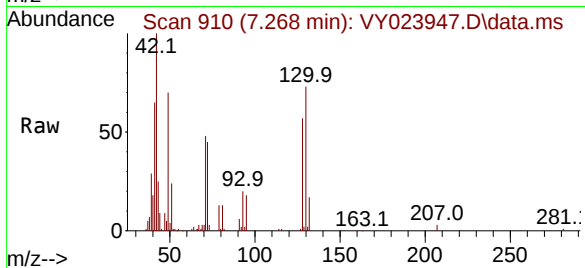
Tgt Ion: 42 Resp: 52435

Ion Ratio Lower Upper

42 100

72 47.0 40.0 60.0

71 45.3 37.7 56.5



#30

Chloroform

Concen: 19.879 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY023947.D

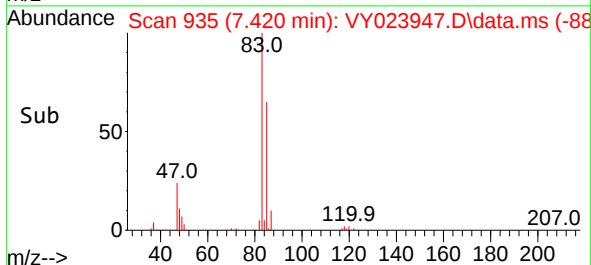
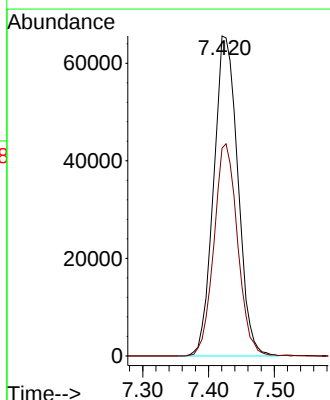
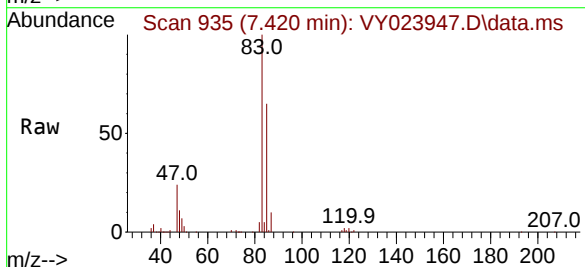
Acq: 11 Dec 2025 12:03

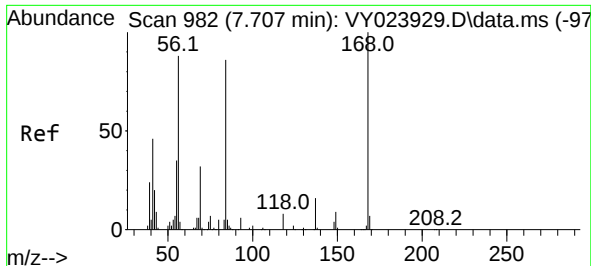
Tgt Ion: 83 Resp: 167851

Ion Ratio Lower Upper

83 100

85 65.0 53.4 80.0

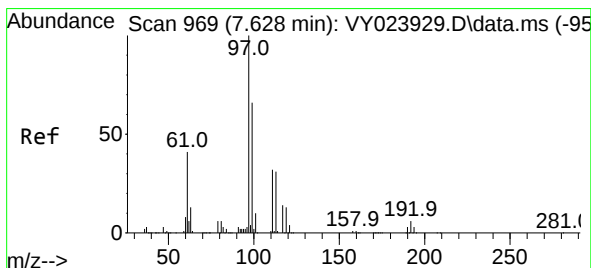
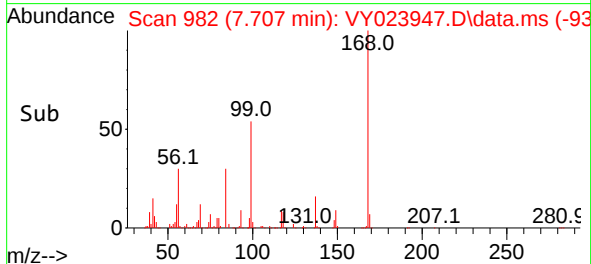
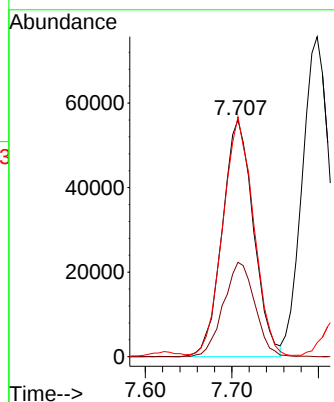
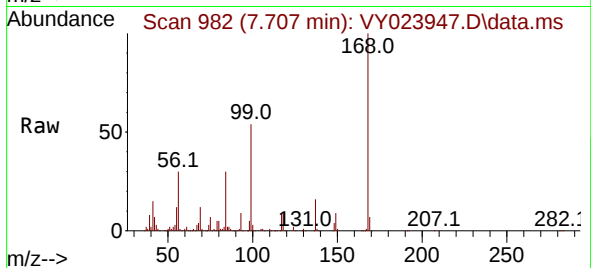




#31
Cyclohexane
Concen: 19.746 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

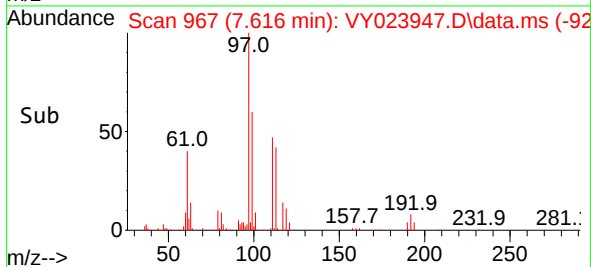
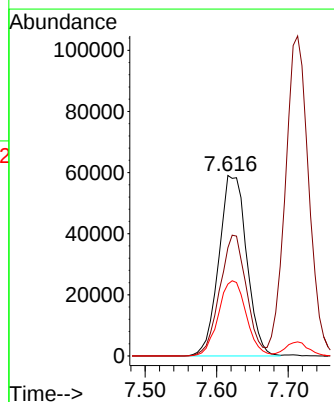
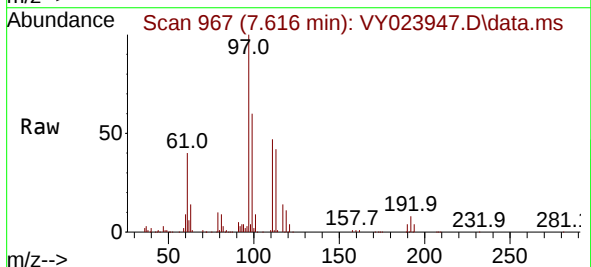
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

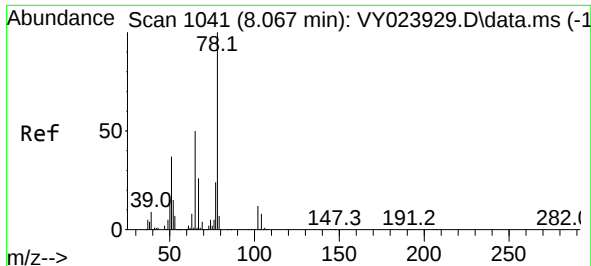
Tgt Ion: 56 Resp: 140426
Ion Ratio Lower Upper
56 100
69 39.9 29.1 43.7
84 100.0 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 20.397 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 97 Resp: 159703
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 41.6 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 41.781 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

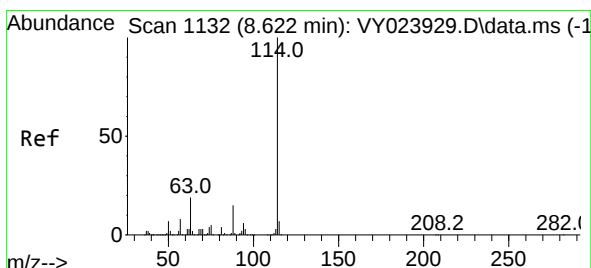
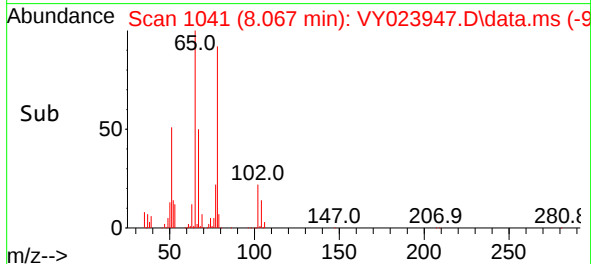
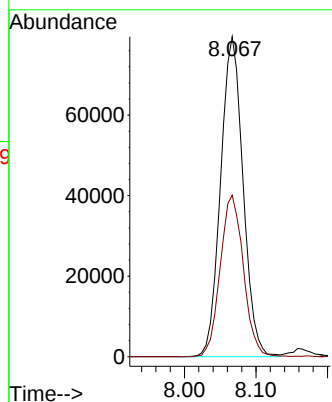
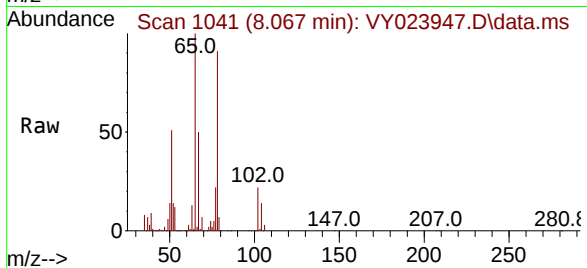
VY1211SBSD02

Tgt Ion: 65 Resp: 173262

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

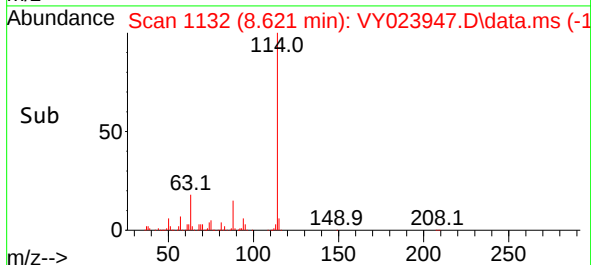
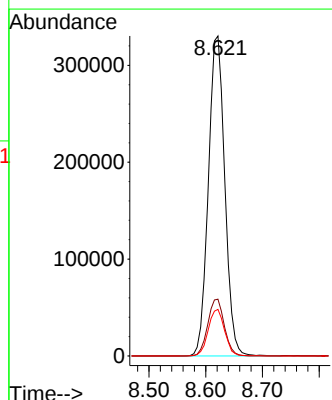
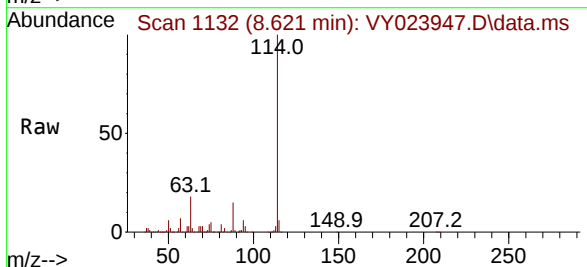
Tgt Ion:114 Resp: 665680

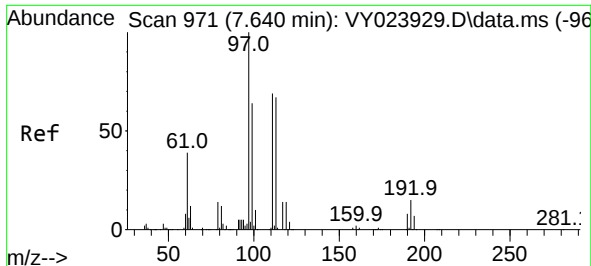
Ion Ratio Lower Upper

114 100

63 17.7 0.0 37.2

88 14.6 0.0 29.4

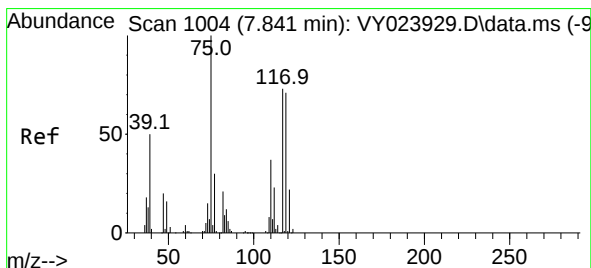
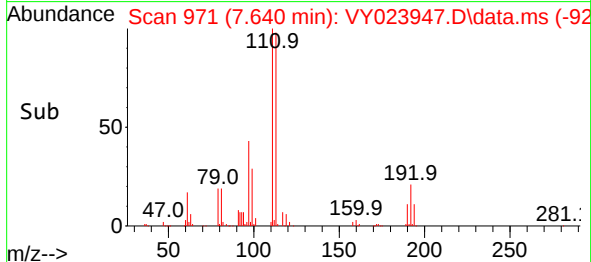
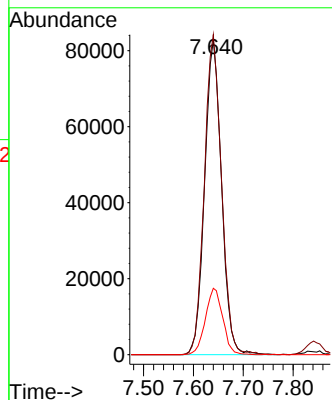
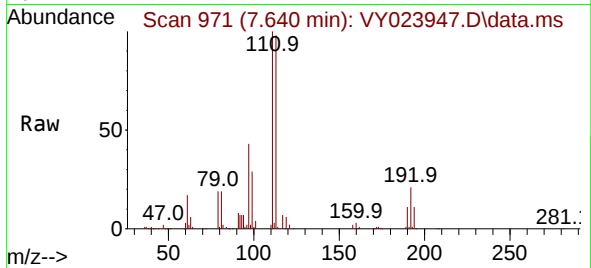




#35
Dibromofluoromethane
Concen: 44.804 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

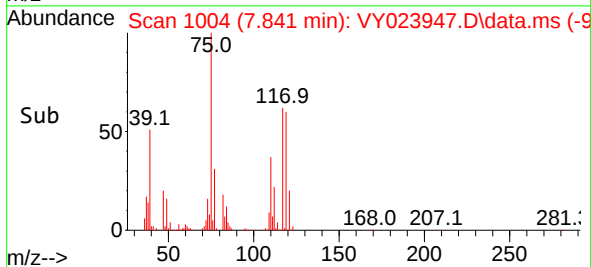
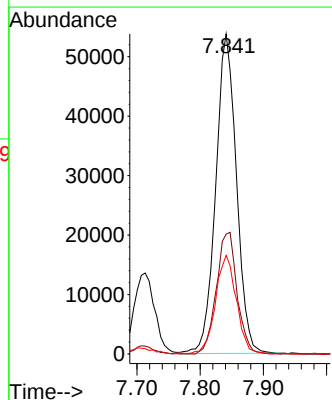
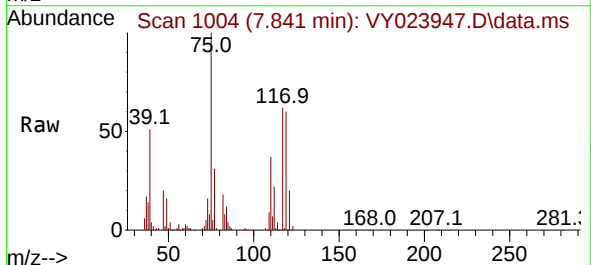
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

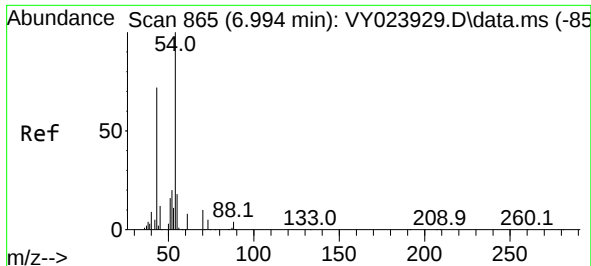
Tgt Ion:113 Resp: 194962
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 21.6 17.9 26.9



#36
1,1-Dichloropropene
Concen: 20.590 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 75 Resp: 121978
Ion Ratio Lower Upper
75 100
110 38.2 19.2 57.6
77 31.1 24.4 36.6

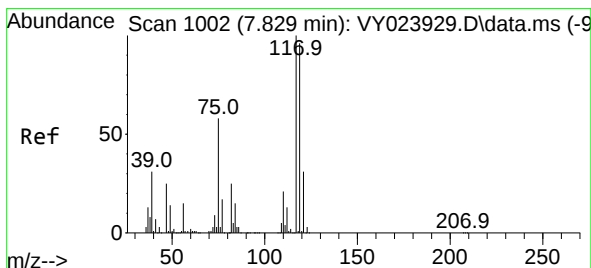
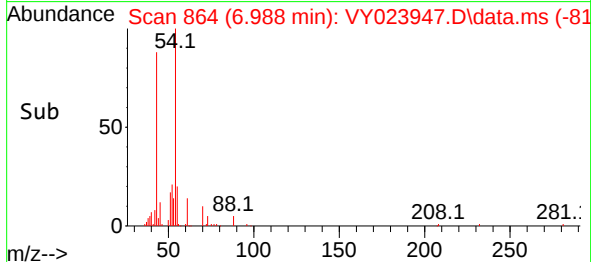
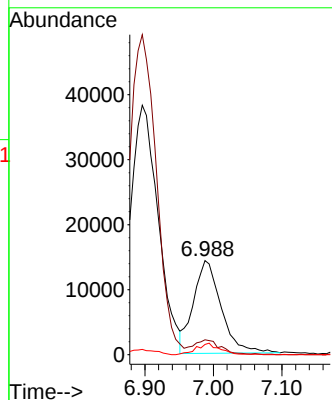
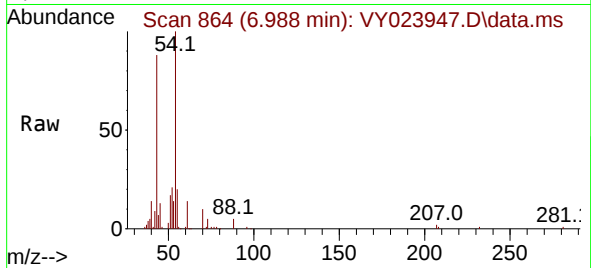




#37
Ethyl Acetate
Concen: 16.674 ug/l
RT: 6.988 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

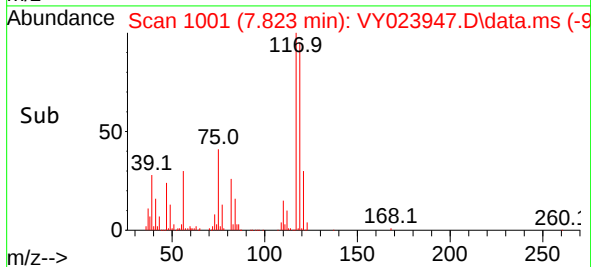
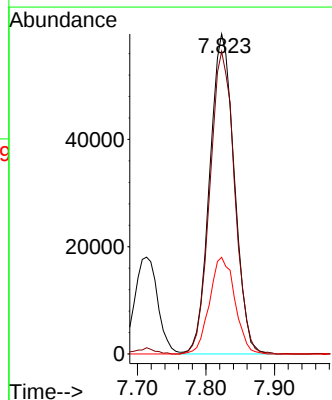
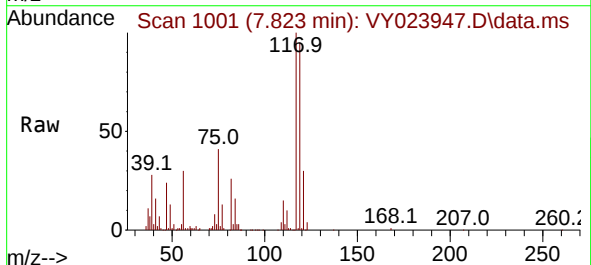
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

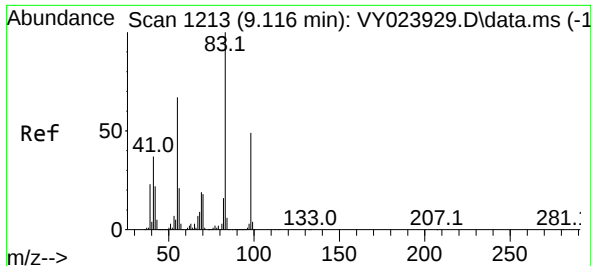
Tgt Ion: 43 Resp: 40225
Ion Ratio Lower Upper
43 100
61 13.7 11.9 17.9
70 10.4 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.712 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 117 Resp: 148728
Ion Ratio Lower Upper
117 100
119 94.5 76.6 114.8
121 30.2 24.8 37.2





#39

Methylcyclohexane

Concen: 19.228 ug/l

RT: 9.115 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD02

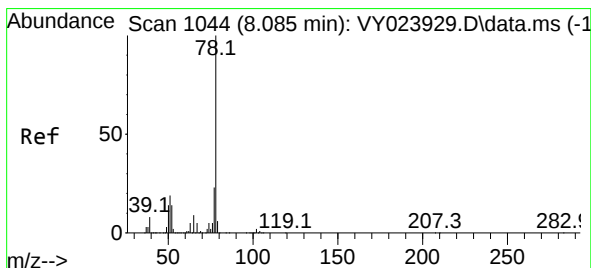
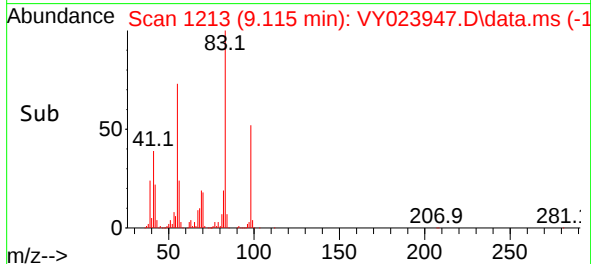
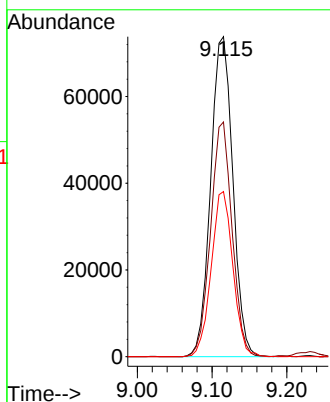
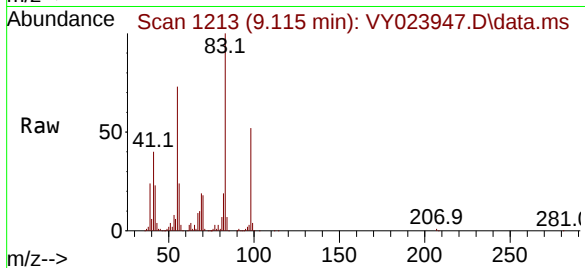
Tgt Ion: 83 Resp: 152182

Ion Ratio Lower Upper

83 100

55 73.3 53.4 80.0

98 51.6 39.2 58.8



#40

Benzene

Concen: 19.744 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY023947.D

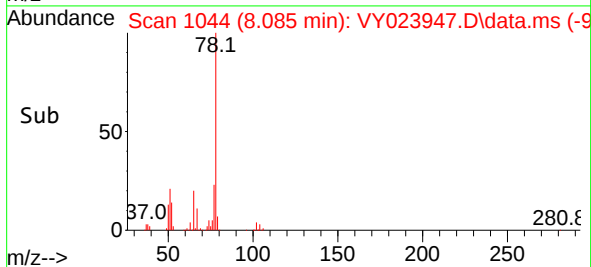
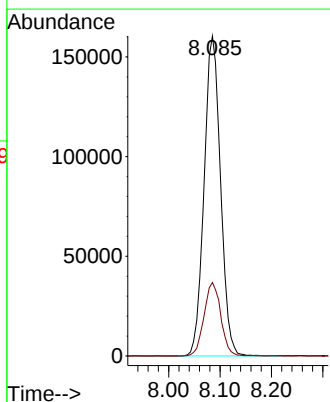
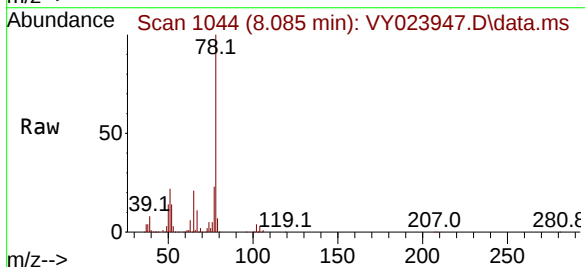
Acq: 11 Dec 2025 12:03

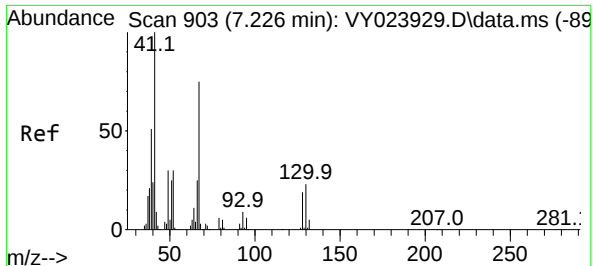
Tgt Ion: 78 Resp: 356197

Ion Ratio Lower Upper

78 100

77 22.9 18.3 27.5

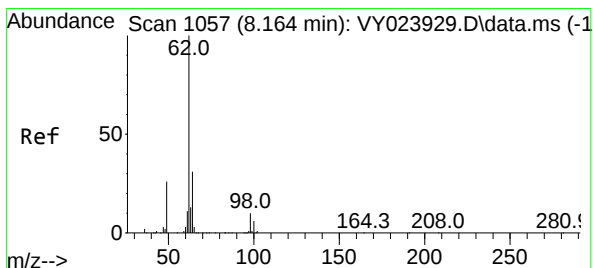
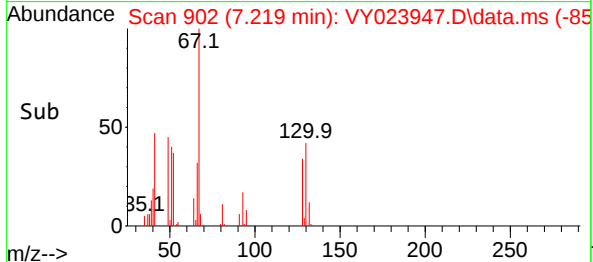
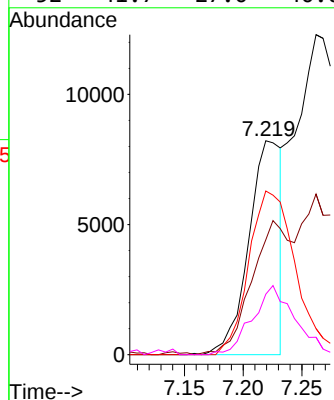
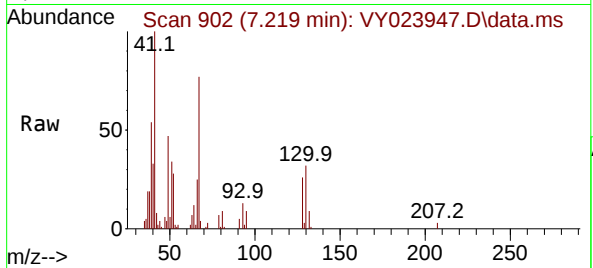




#41
Methacrylonitrile
Concen: 11.947 ug/l
RT: 7.219 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

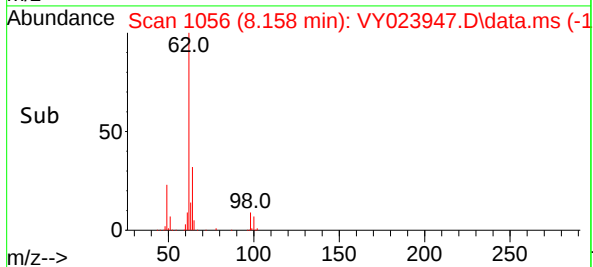
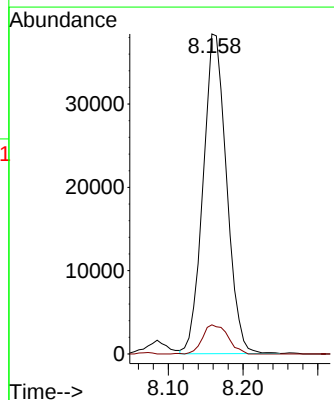
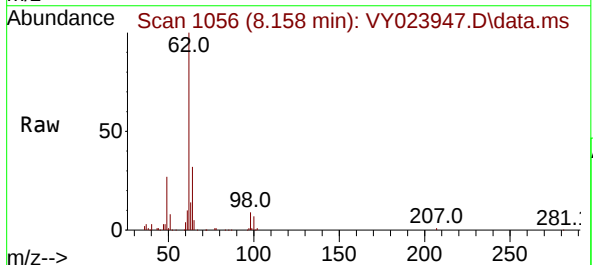
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

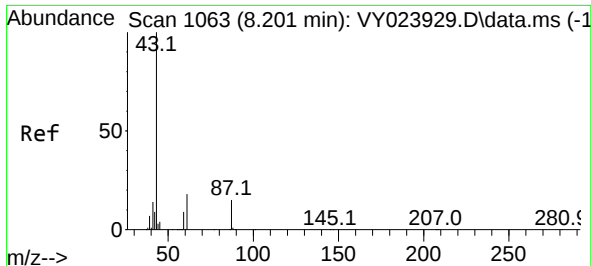
Tgt Ion: 41 Resp: 15855
Ion Ratio Lower Upper
41 100
39 78.4 50.6 75.8#
67 111.4 68.0 102.0#
52 41.7 27.0 40.6#



#42
1,2-Dichloroethane
Concen: 17.692 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 62 Resp: 83699
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.8

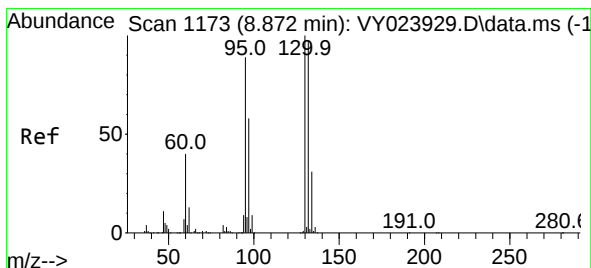
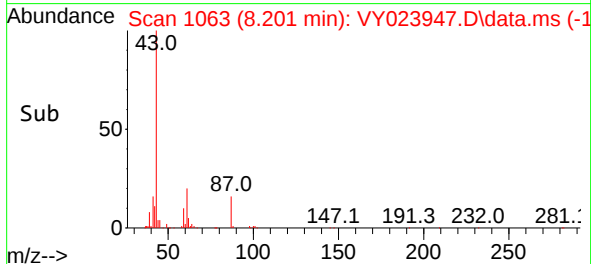
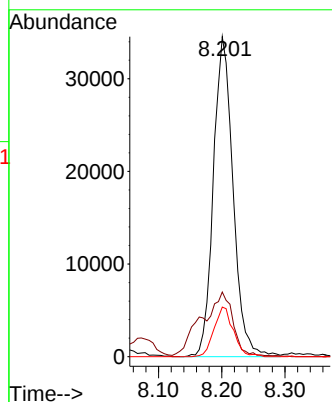
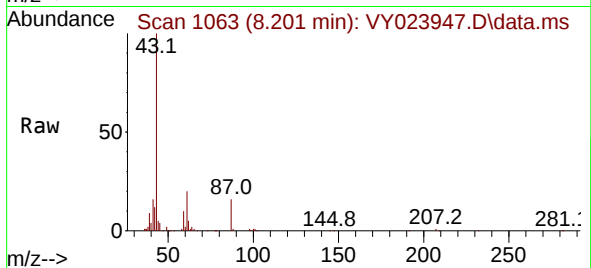




#43
Isopropyl Acetate
Concen: 16.480 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

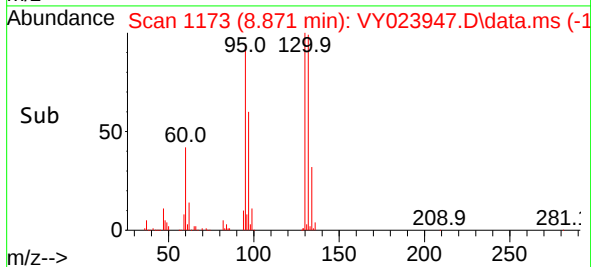
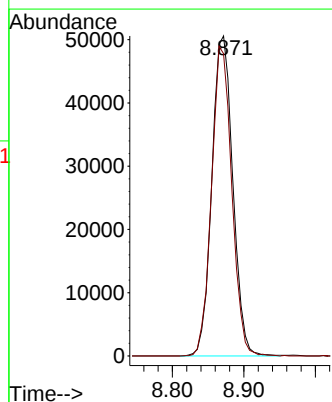
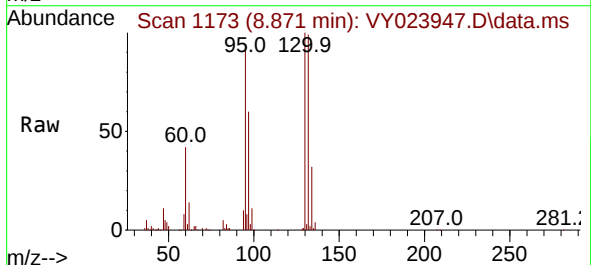
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

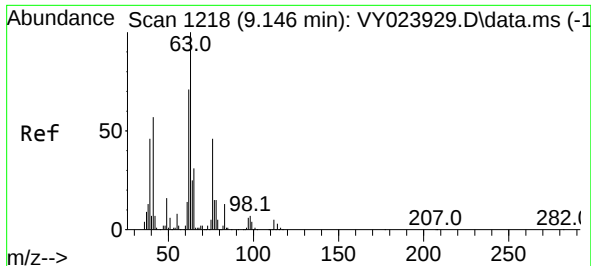
Tgt Ion: 43 Resp: 74873
Ion Ratio Lower Upper
43 100
61 32.4 17.4 26.2#
87 15.2 12.3 18.5



#44
Trichloroethene
Concen: 19.682 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion:130 Resp: 102957
Ion Ratio Lower Upper
130 100
95 94.5 0.0 178.8





#45

1,2-Dichloropropane

Concen: 19.064 ug/l

RT: 9.146 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

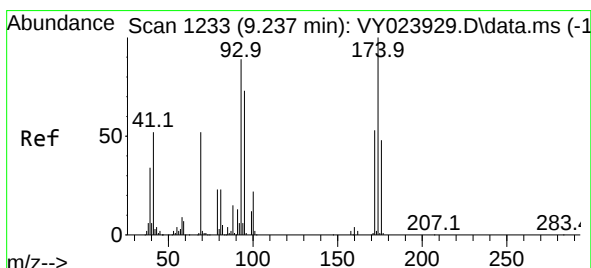
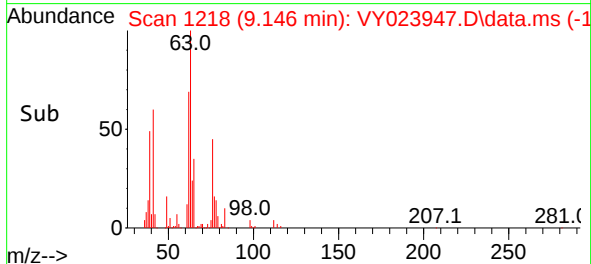
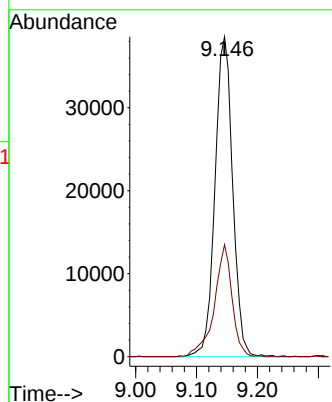
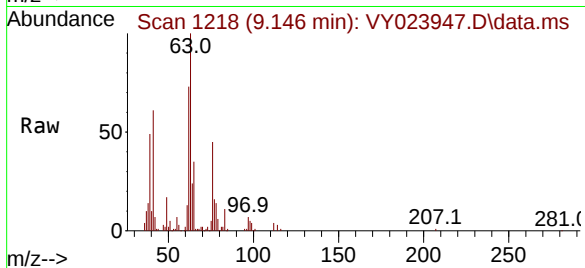
VY1211SBSD02

Tgt Ion: 63 Resp: 77598

Ion Ratio Lower Upper

63 100

65 34.8 25.1 37.7



#46

Dibromomethane

Concen: 17.153 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

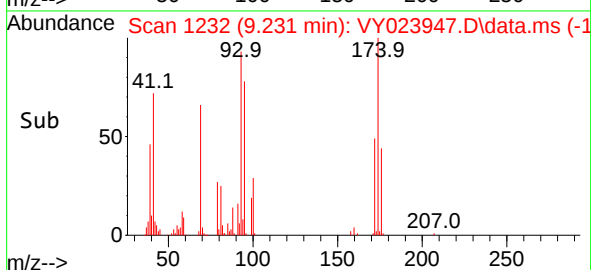
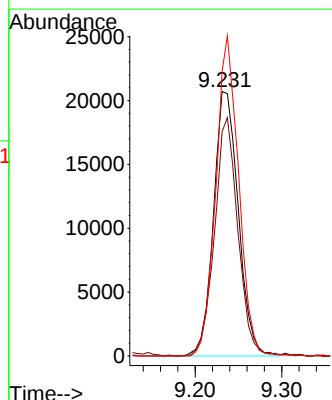
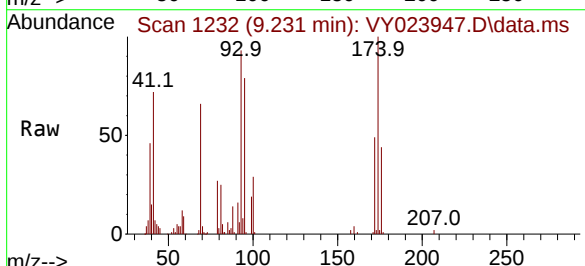
Tgt Ion: 93 Resp: 41121

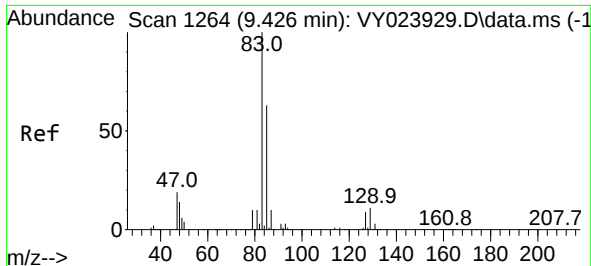
Ion Ratio Lower Upper

93 100

95 85.2 65.1 97.7

174 111.4 90.6 136.0

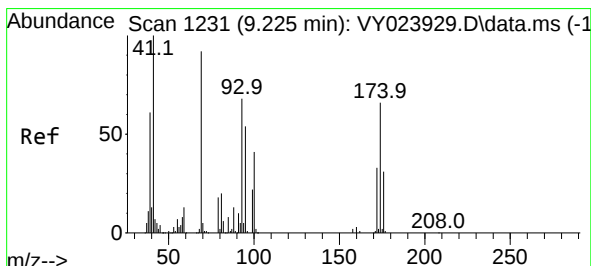
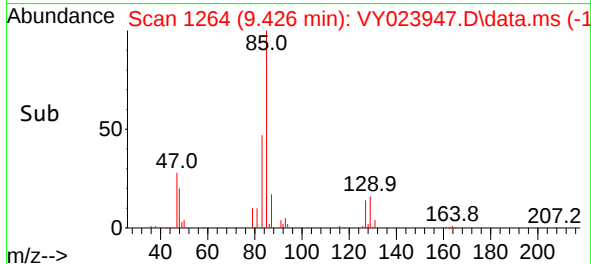
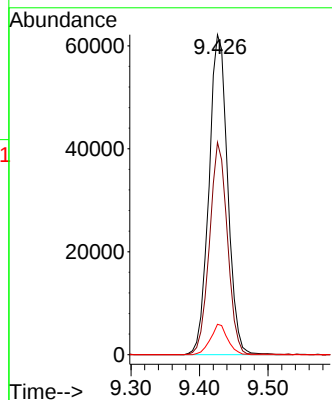
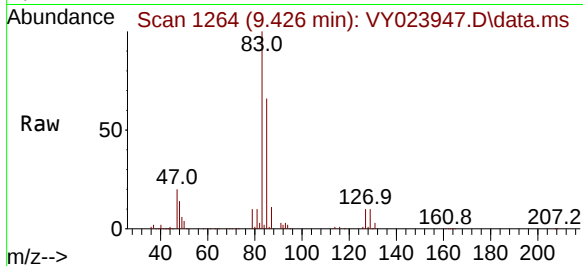




#47
Bromodichloromethane
Concen: 18.666 ug/l
RT: 9.426 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

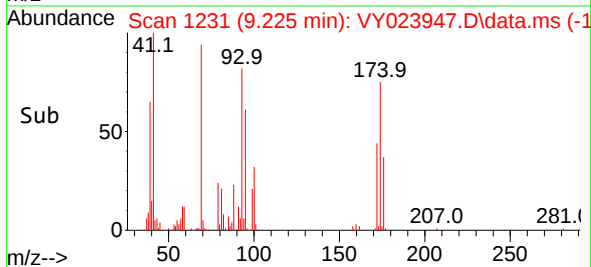
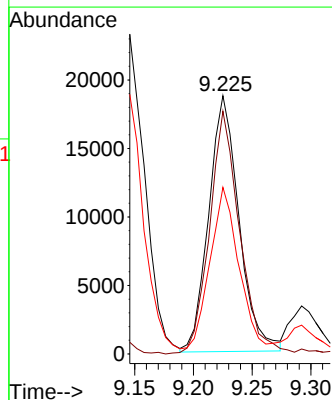
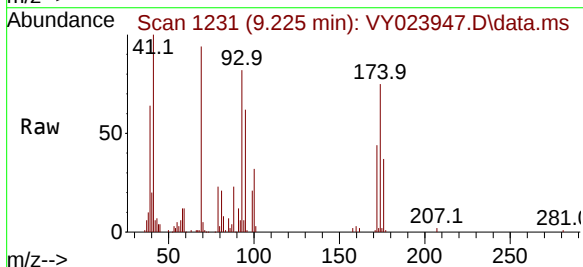
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

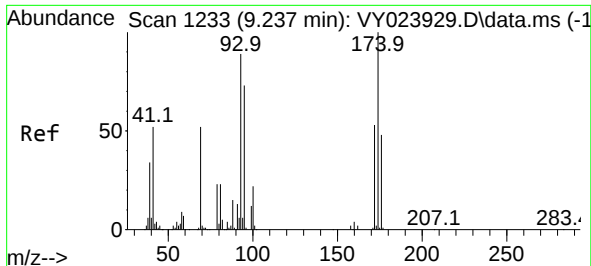
Tgt Ion: 83 Resp: 117722
Ion Ratio Lower Upper
83 100
85 66.3 50.7 76.1
127 9.5 7.0 10.4



#48
Methyl methacrylate
Concen: 15.874 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 41 Resp: 33574
Ion Ratio Lower Upper
41 100
69 93.8 74.7 112.1
39 59.5 47.4 71.2





#49

1,4-Dioxane

Concen: 302.134 ug/l

RT: 9.225 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD02

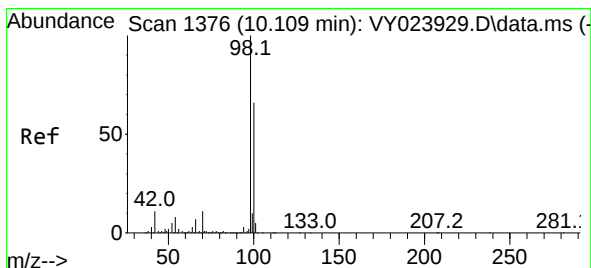
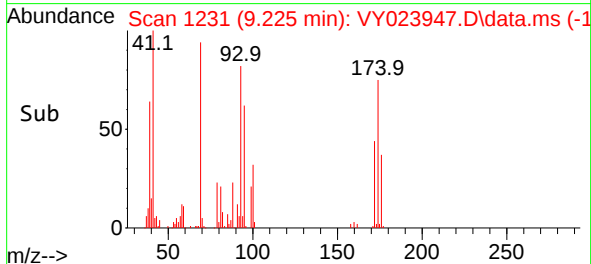
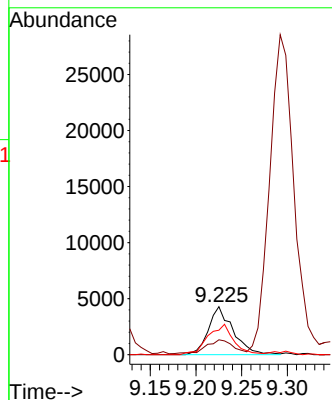
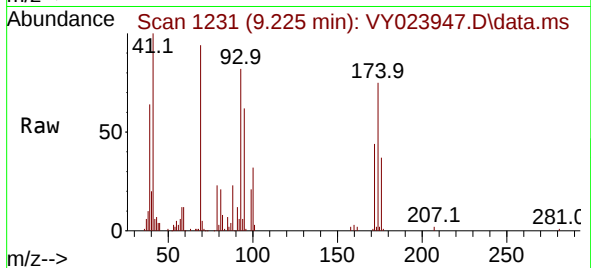
Tgt Ion: 88 Resp: 8075

Ion Ratio Lower Upper

88 100

43 30.5 22.3 33.5

58 65.3 52.3 78.5



#50

Toluene-d8

Concen: 46.671 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023947.D

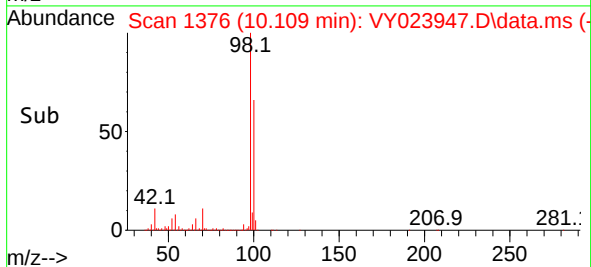
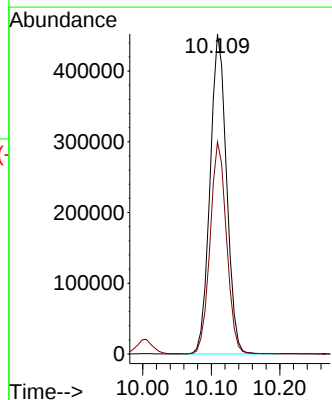
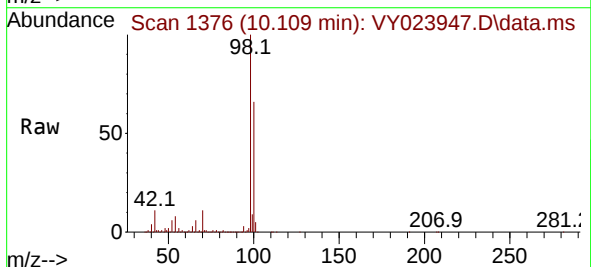
Acq: 11 Dec 2025 12:03

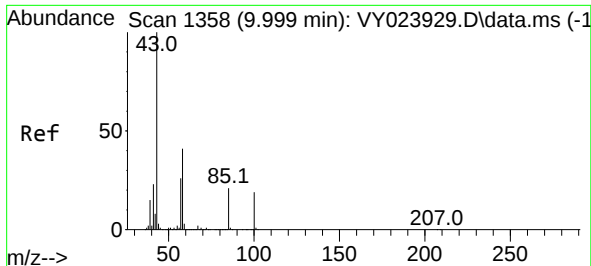
Tgt Ion: 98 Resp: 756118

Ion Ratio Lower Upper

98 100

100 65.8 52.8 79.2

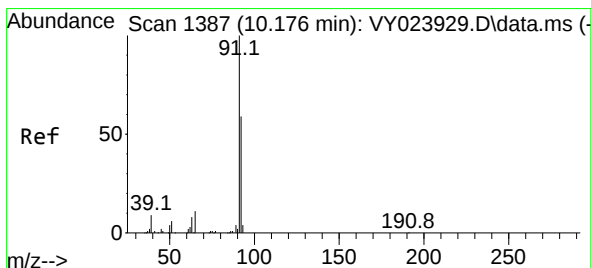
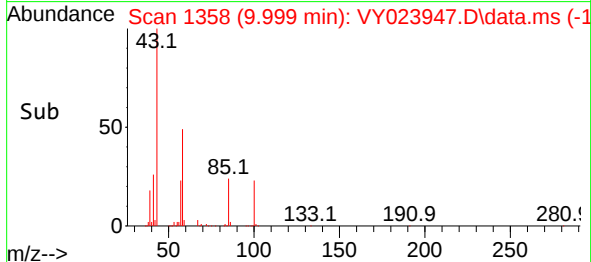
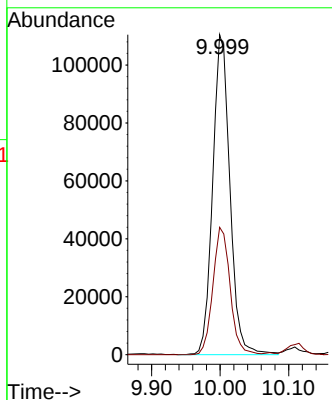
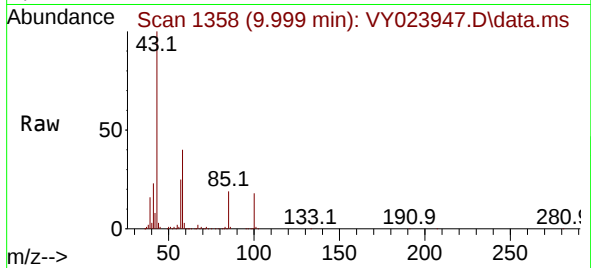




#51
4-Methyl-2-Pentanone
Concen: 80.050 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

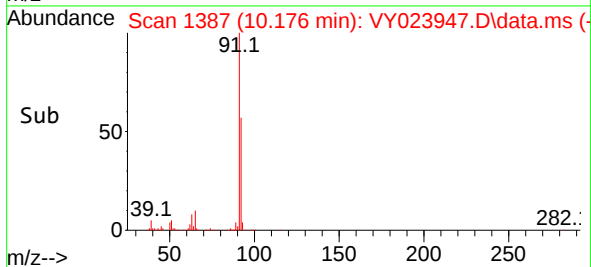
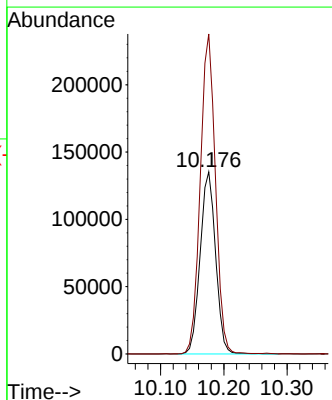
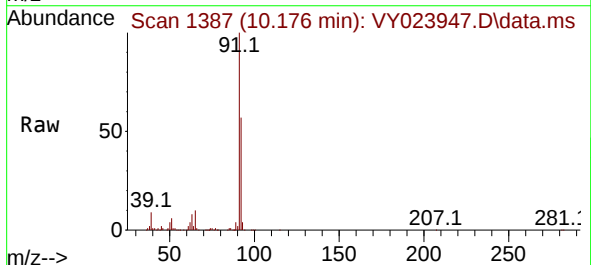
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

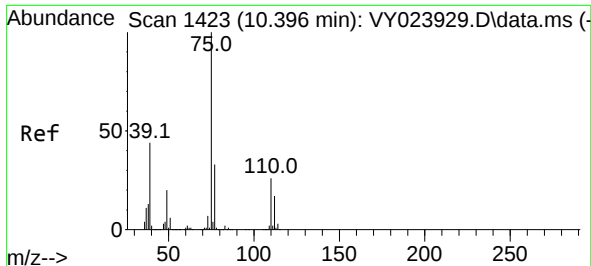
Tgt Ion: 43 Resp: 192700
Ion Ratio Lower Upper
43 100
58 39.8 33.1 49.7



#52
Toluene
Concen: 19.277 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 92 Resp: 230117
Ion Ratio Lower Upper
92 100
91 172.4 135.8 203.6

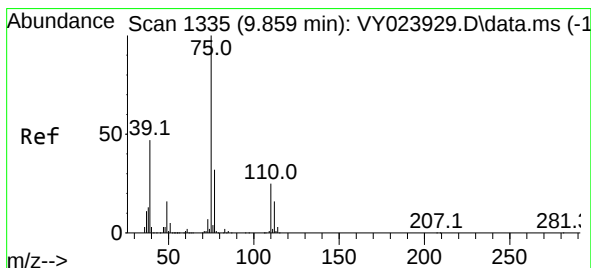
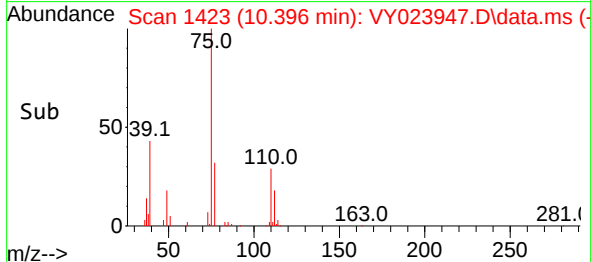
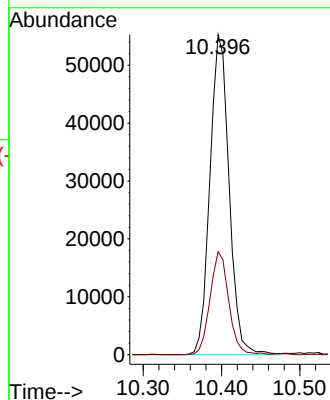
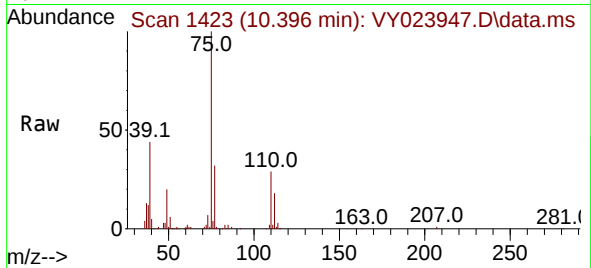




#53
t-1,3-Dichloropropene
Concen: 17.220 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

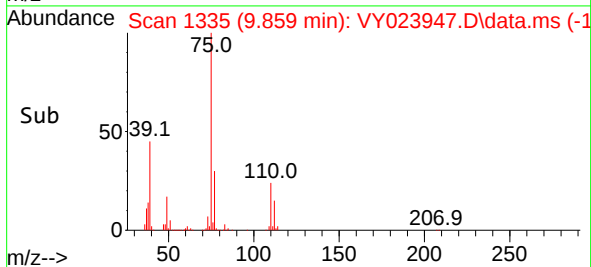
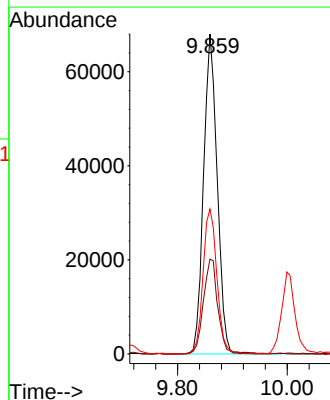
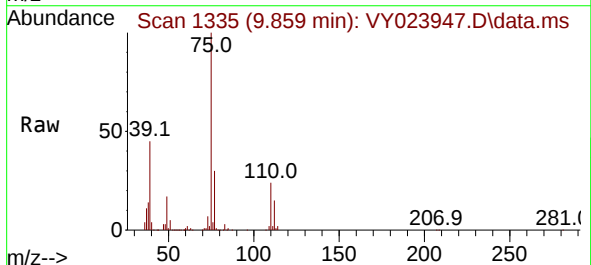
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

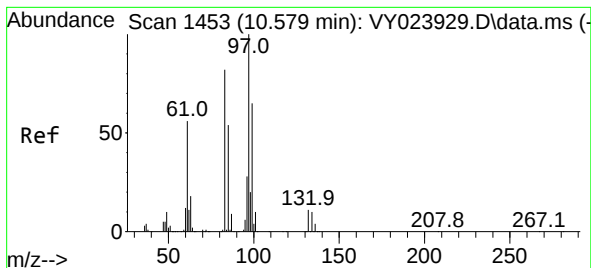
Tgt Ion: 75 Resp: 93847
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 18.291 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 75 Resp: 117470
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0
39 45.3 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 16.770 ug/l

RT: 10.572 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD02

Tgt Ion: 97 Resp: 55336

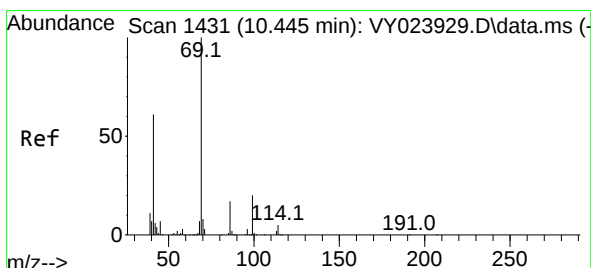
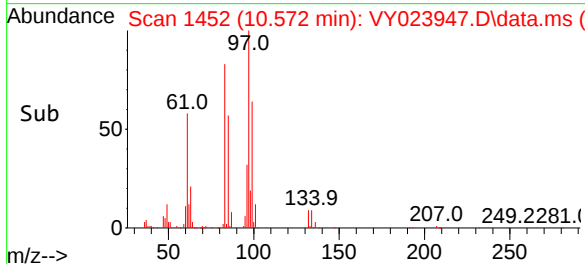
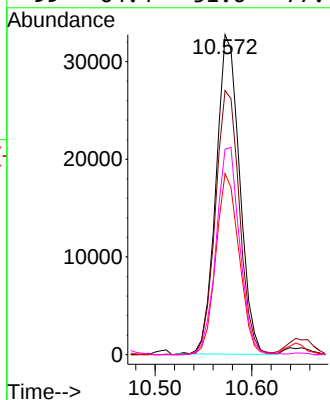
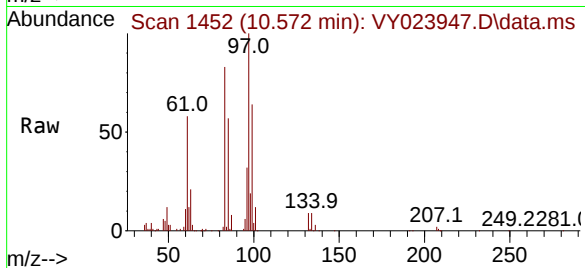
Ion Ratio Lower Upper

97 100

83 82.8 65.8 98.6

85 56.8 43.1 64.7

99 64.4 51.6 77.4



#56

Ethyl methacrylate

Concen: 15.205 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

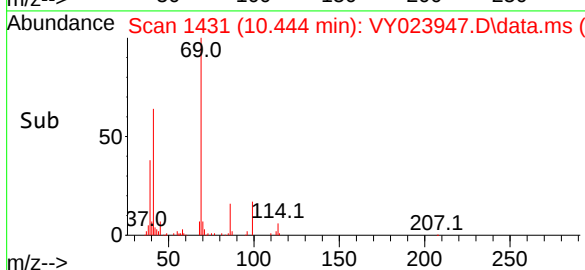
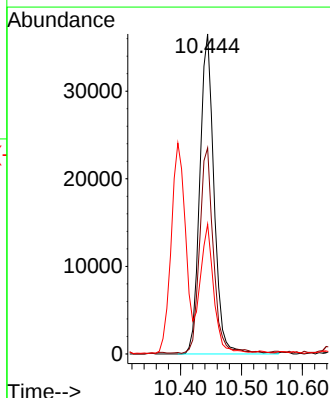
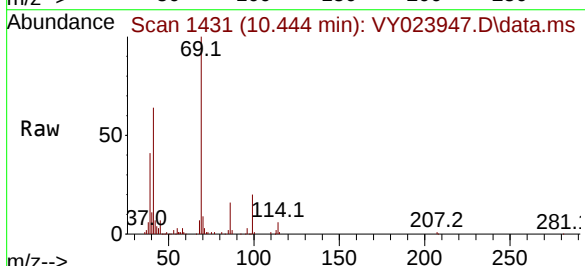
Tgt Ion: 69 Resp: 59476

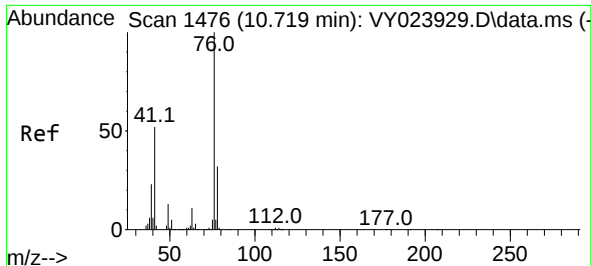
Ion Ratio Lower Upper

69 100

41 62.0 49.0 73.4

39 37.4 29.1 43.7





#57

1,3-Dichloropropane

Concen: 16.959 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

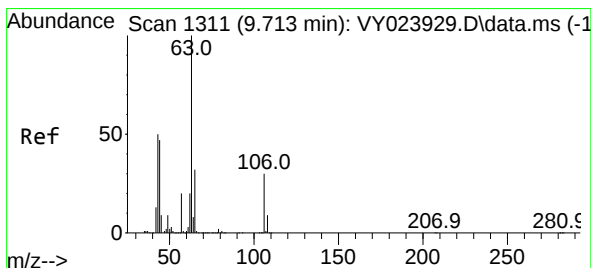
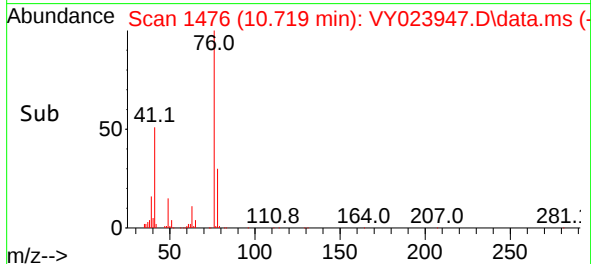
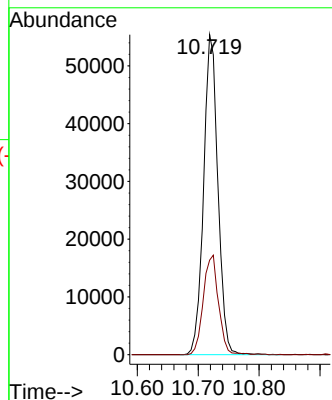
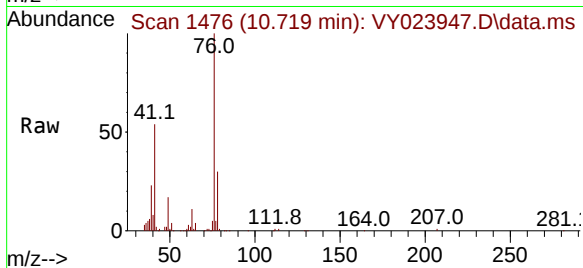
VY1211SBSD02

Tgt Ion: 76 Resp: 90502

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 87.054 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023947.D

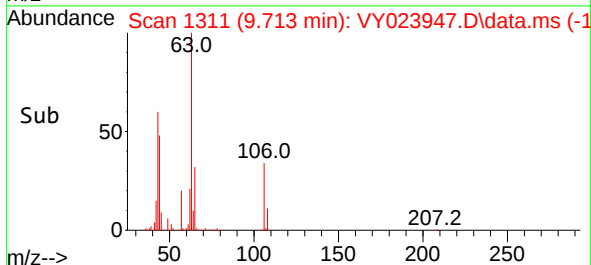
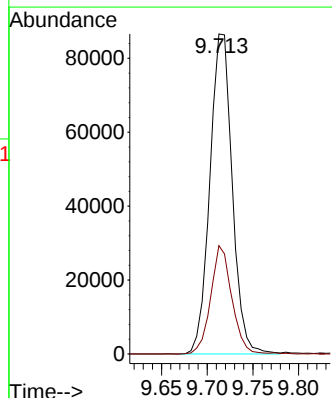
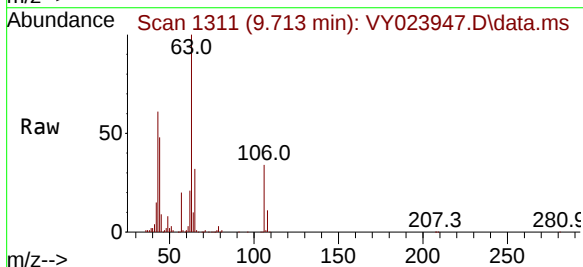
Acq: 11 Dec 2025 12:03

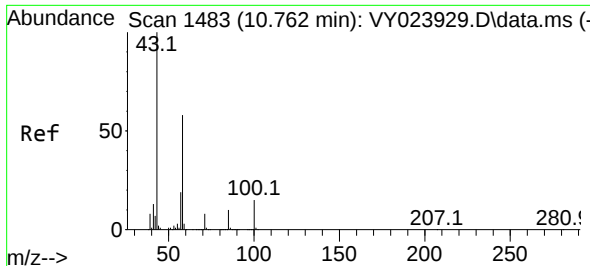
Tgt Ion: 63 Resp: 147504

Ion Ratio Lower Upper

63 100

106 32.0 25.2 37.8

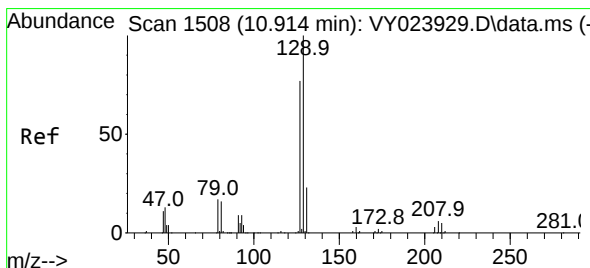
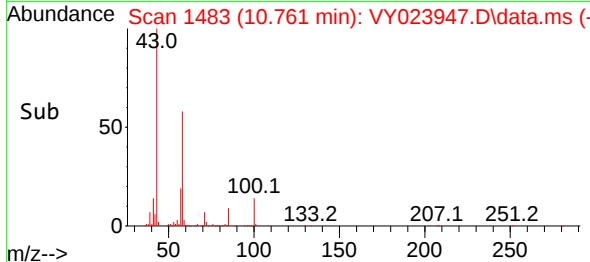
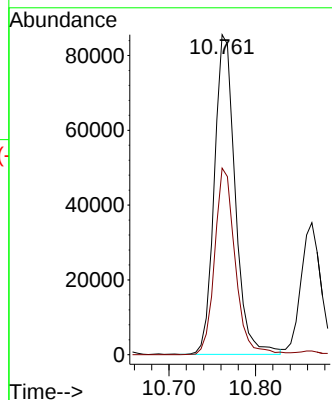
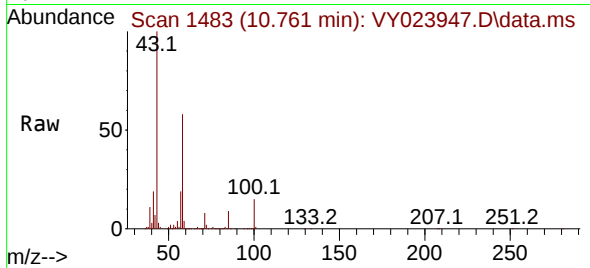




#59
2-Hexanone
Concen: 78.316 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

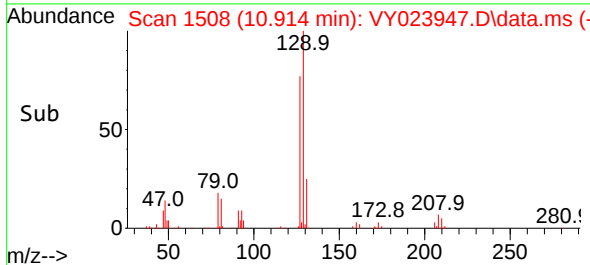
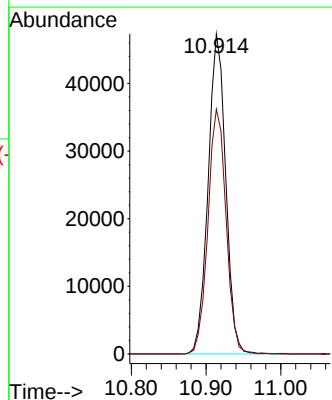
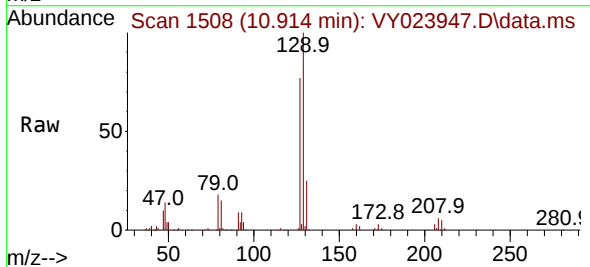
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

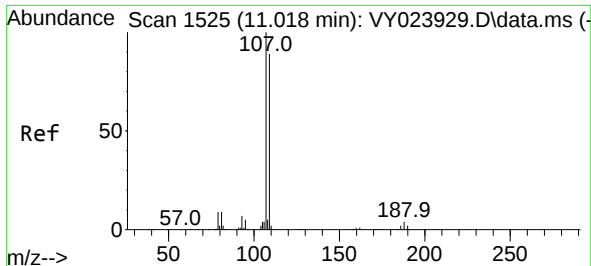
Tgt Ion: 43 Resp: 143083
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.0



#60
Dibromochloromethane
Concen: 16.935 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 129 Resp: 77365
Ion Ratio Lower Upper
129 100
127 78.6 38.1 114.5

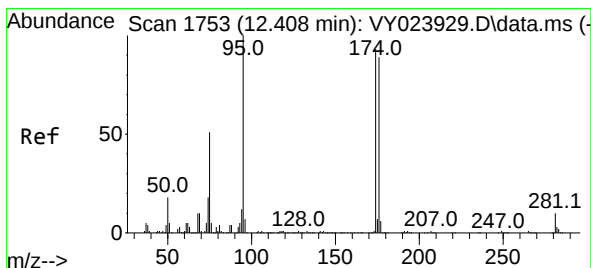
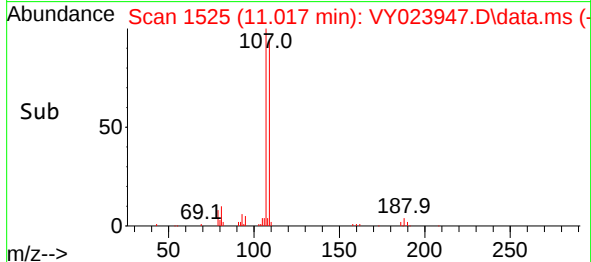
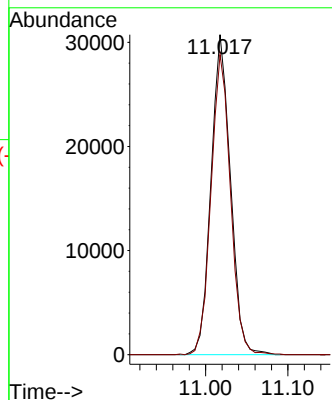
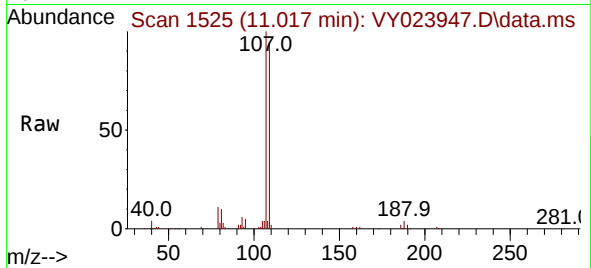




#61
1,2-Dibromoethane
Concen: 16.516 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

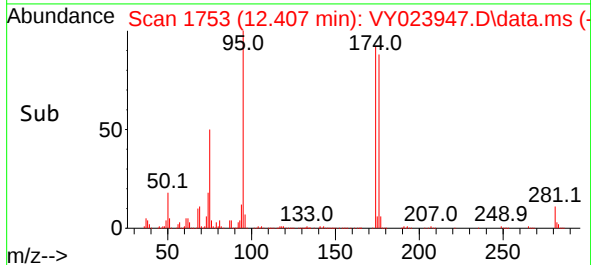
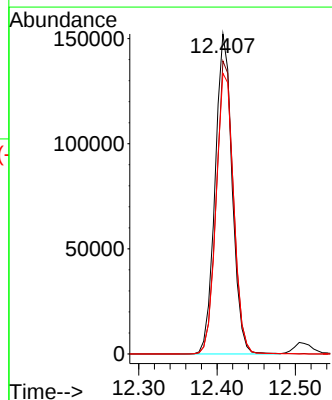
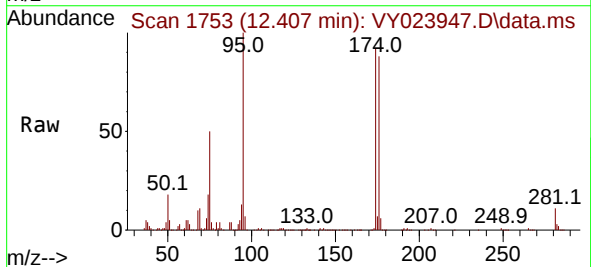
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

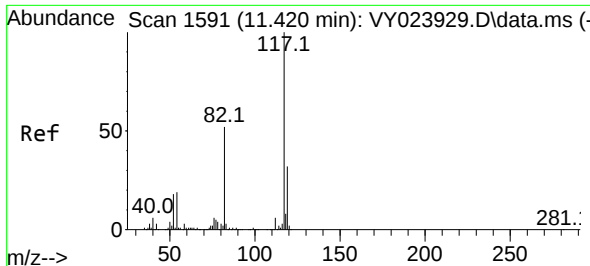
Tgt Ion:107 Resp: 50499
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 42.566 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 95 Resp: 230303
Ion Ratio Lower Upper
95 100
174 92.0 0.0 187.4
176 90.5 0.0 179.6

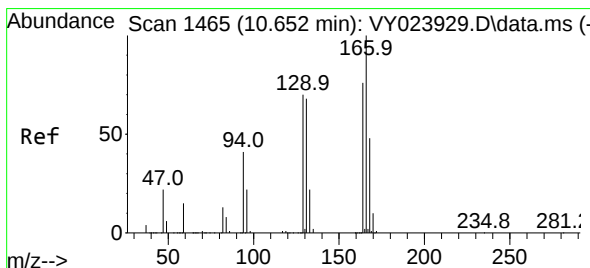
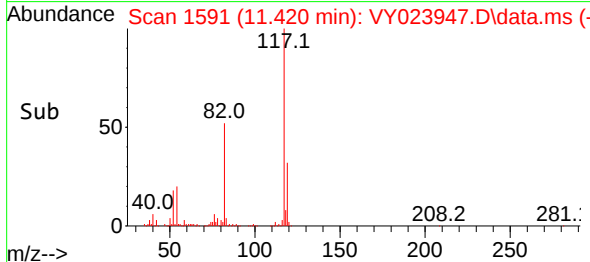
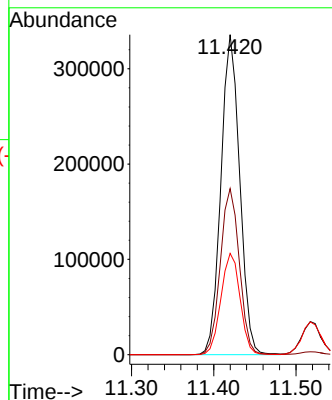
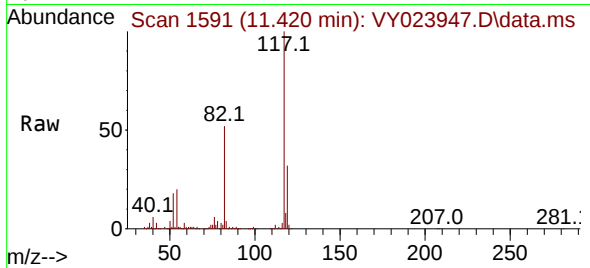




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

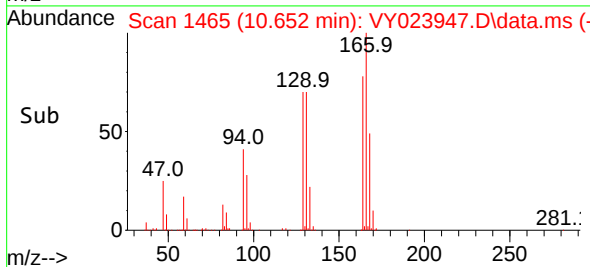
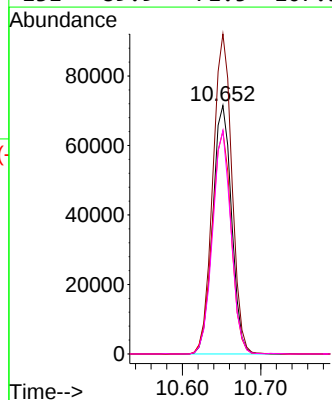
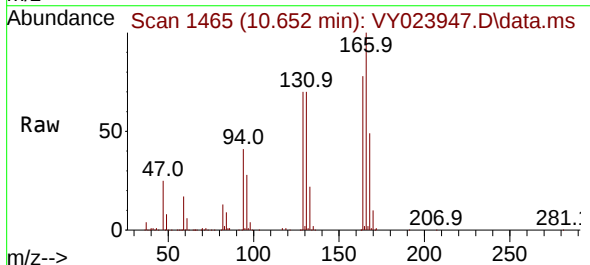
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

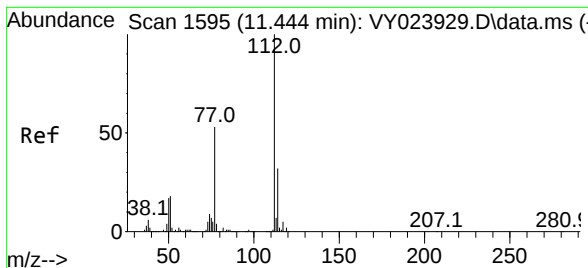
Tgt Ion:117 Resp: 534496
Ion Ratio Lower Upper
117 100
82 51.9 41.4 62.2
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 20.909 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion:164 Resp: 120058
Ion Ratio Lower Upper
164 100
166 128.8 105.0 157.4
129 89.7 73.0 109.4
131 89.9 71.5 107.3

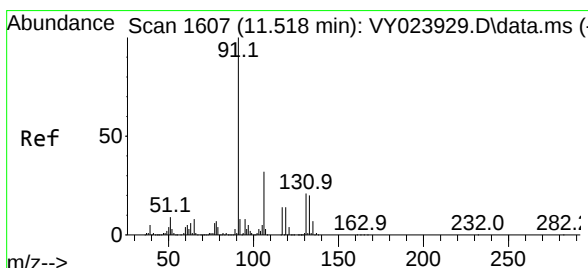
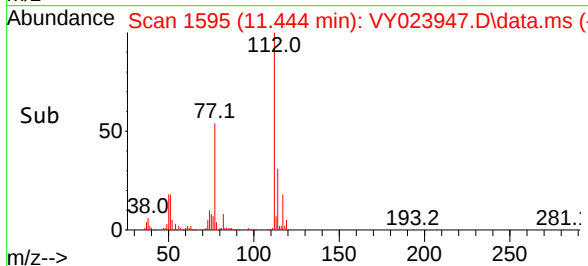
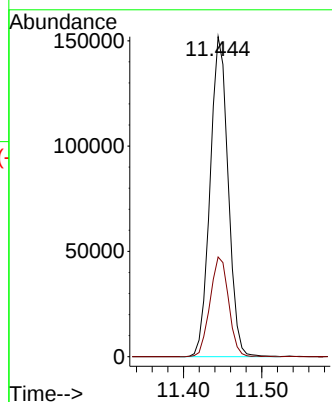
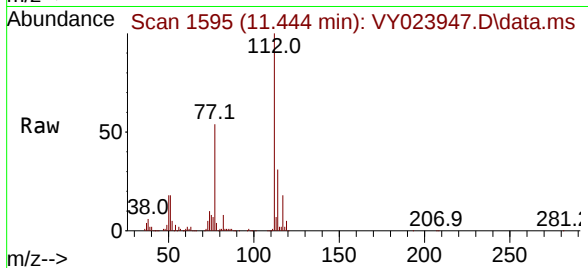




#65
Chlorobenzene
Concen: 19.629 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

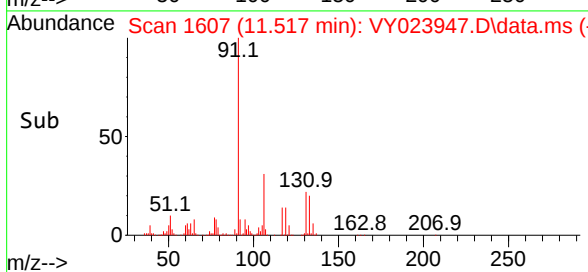
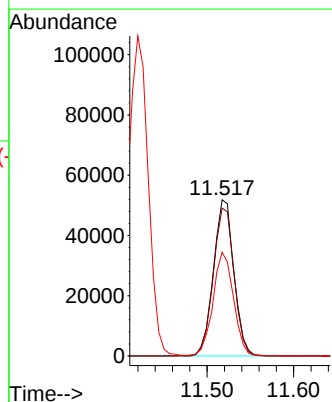
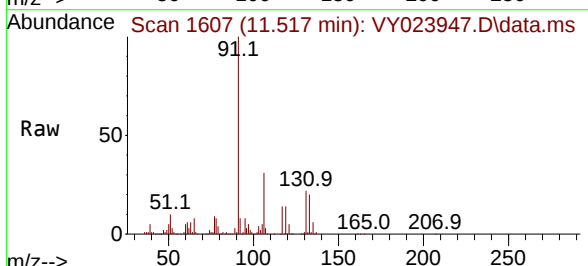
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

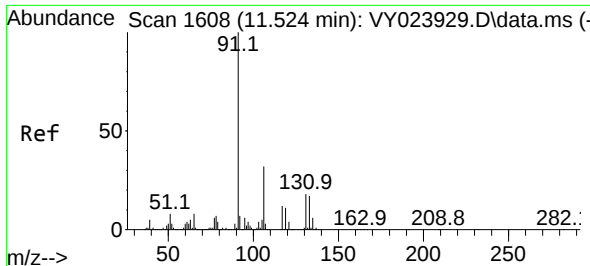
Tgt Ion:112 Resp: 243110
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.587 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion:131 Resp: 85078
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.3
119 66.7 33.1 99.2





#67

Ethyl Benzene

Concen: 19.998 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

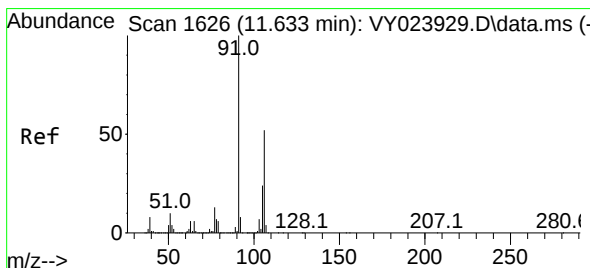
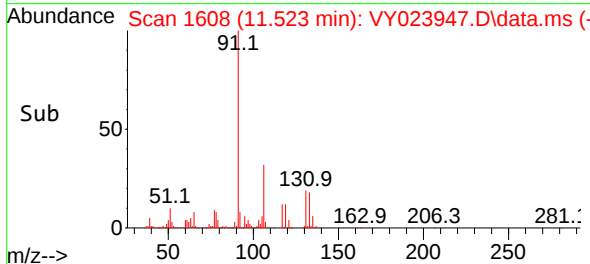
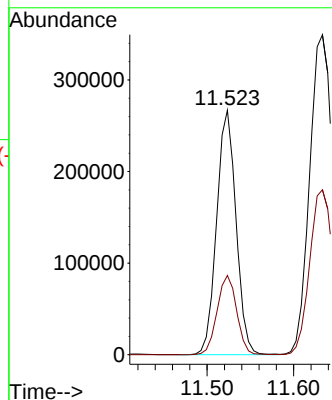
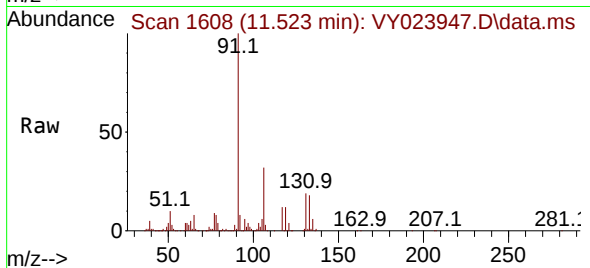
VY1211SBSD02

Tgt Ion: 91 Resp: 414990

Ion Ratio Lower Upper

91 100

106 32.4 25.8 38.8



#68

m/p-Xylenes

Concen: 41.066 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY023947.D

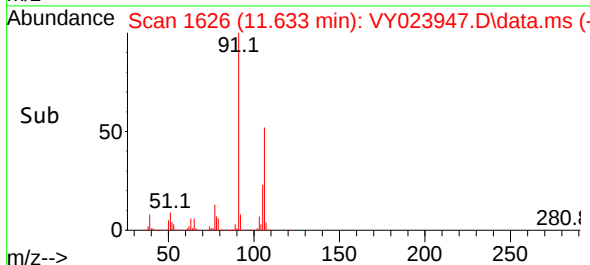
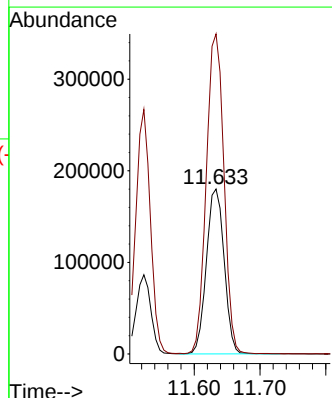
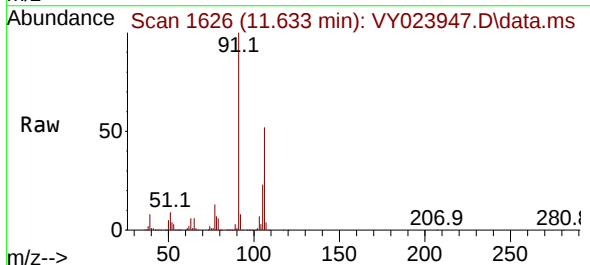
Acq: 11 Dec 2025 12:03

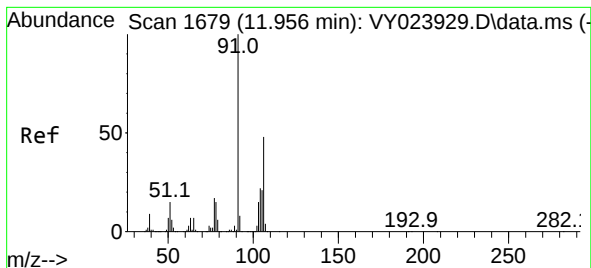
Tgt Ion:106 Resp: 338293

Ion Ratio Lower Upper

106 100

91 191.9 155.0 232.6

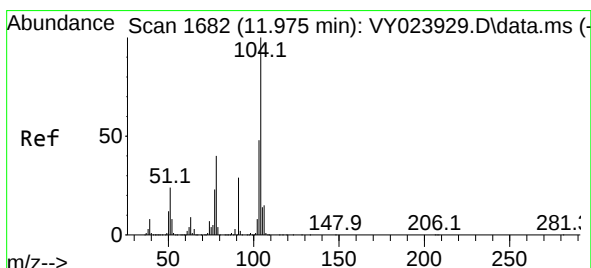
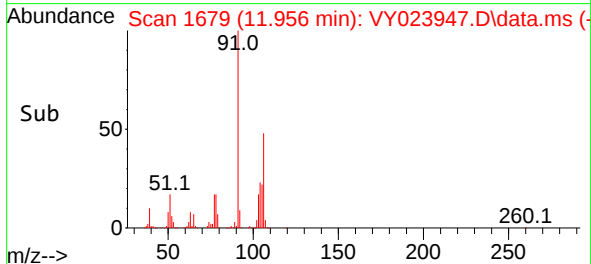
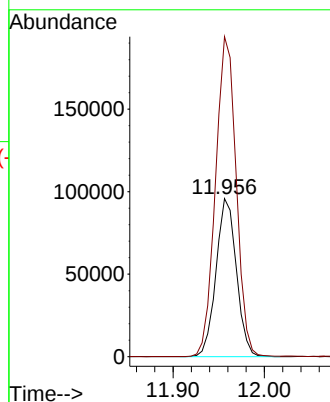
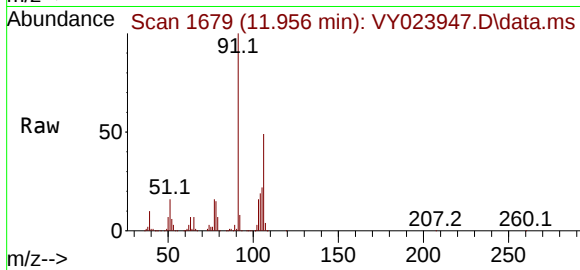




#69
o-Xylene
Concen: 19.249 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

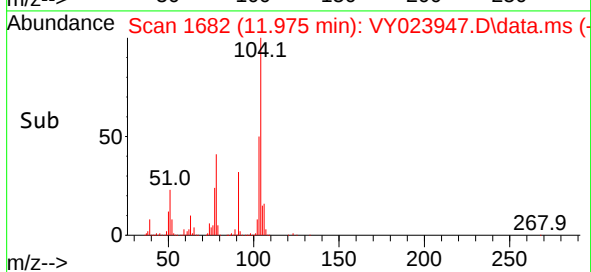
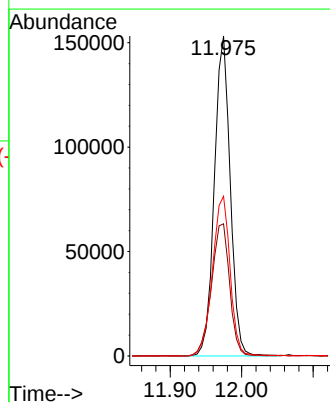
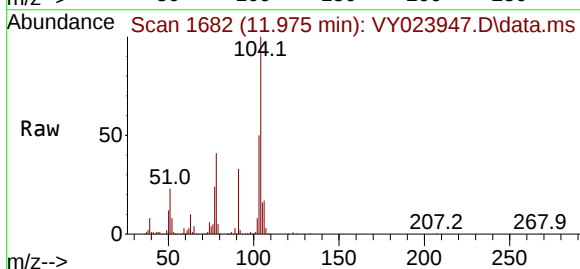
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

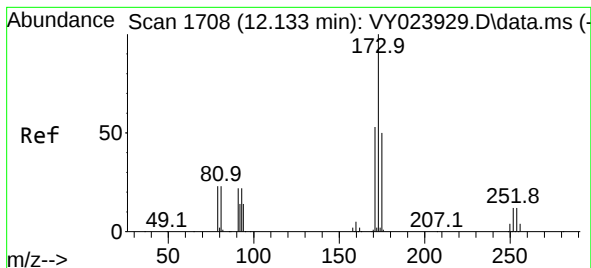
Tgt Ion:106 Resp: 148331
Ion Ratio Lower Upper
106 100
91 205.7 102.1 306.1



#70
Styrene
Concen: 18.980 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion:104 Resp: 236286
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.0
103 55.6 43.0 64.4





#71

Bromoform

Concen: 17.293 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD02

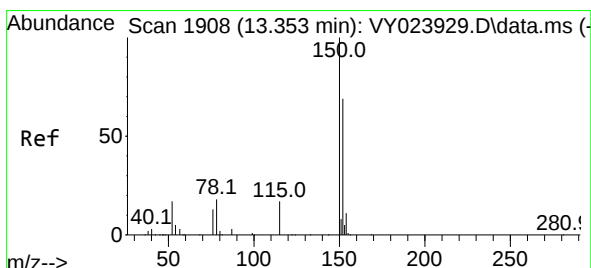
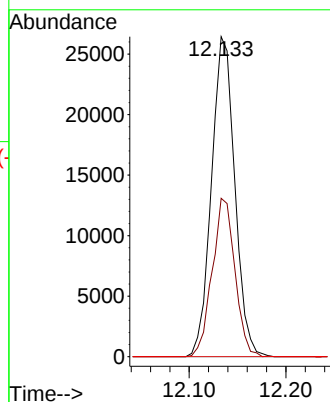
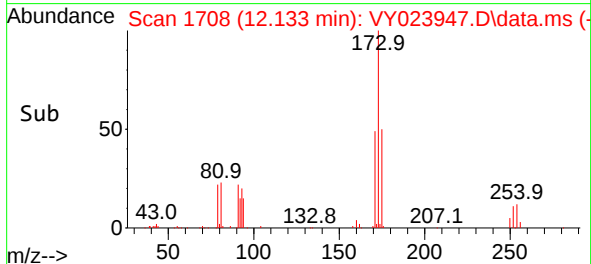
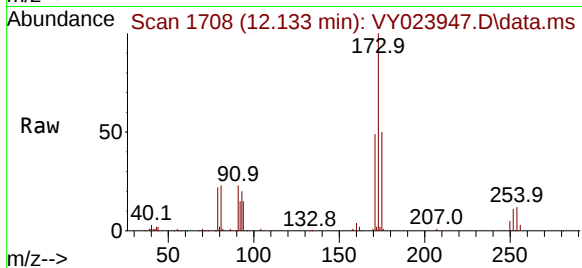
Tgt Ion:173 Resp: 44266

Ion Ratio Lower Upper

173 100

175 48.3 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

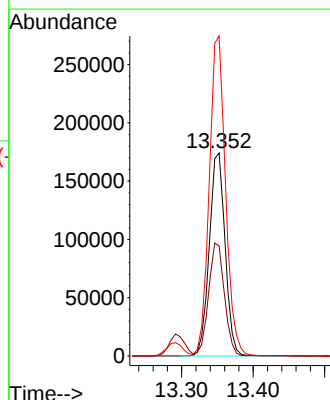
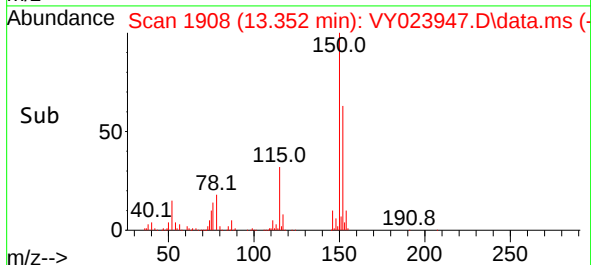
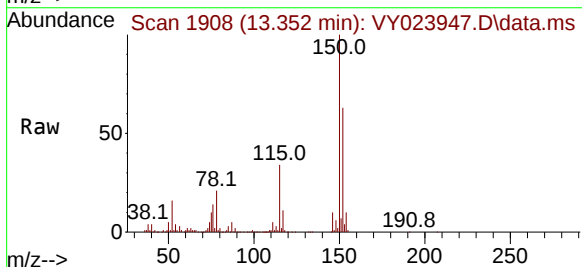
Tgt Ion:152 Resp: 267567

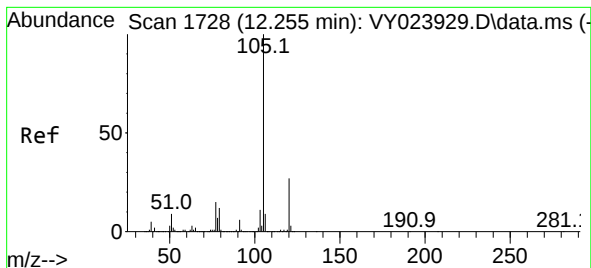
Ion Ratio Lower Upper

152 100

115 56.0 27.3 81.9

150 161.6 0.0 347.6





#73

Isopropylbenzene

Concen: 21.082 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

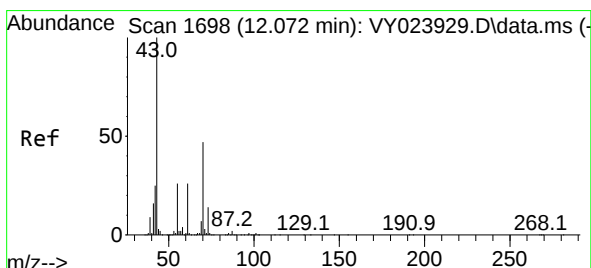
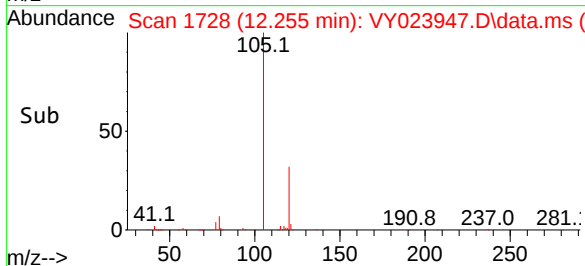
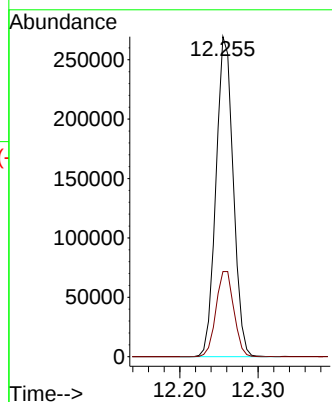
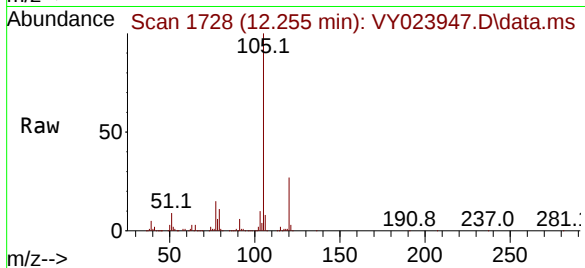
VY1211SBSD02

Tgt Ion:105 Resp: 412240

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.0



#74

N-ethyl acetate

Concen: 16.372 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Tgt Ion: 43 Resp: 56786

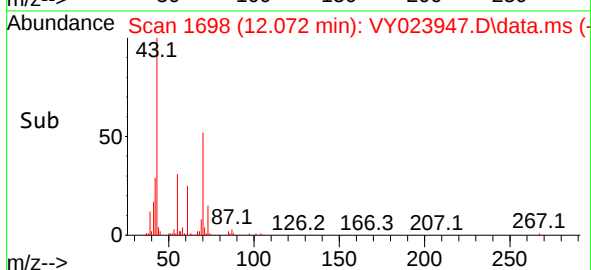
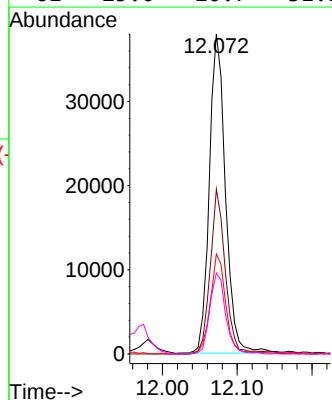
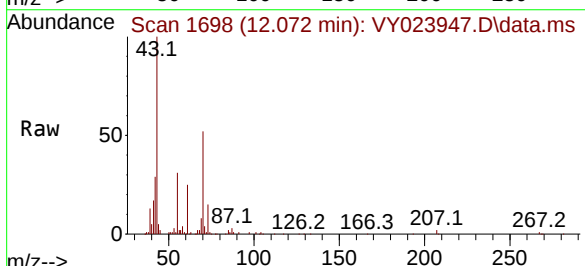
Ion Ratio Lower Upper

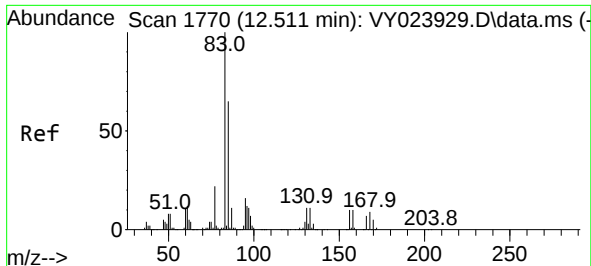
43 100

70 48.3 37.4 56.0

55 30.3 21.6 32.4

61 25.0 20.7 31.1

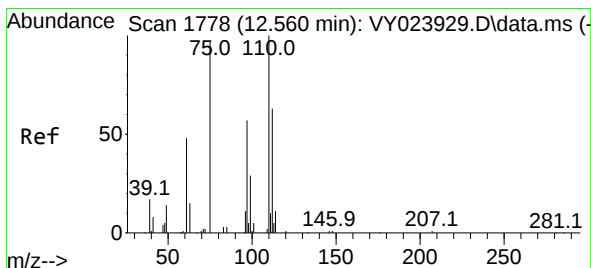
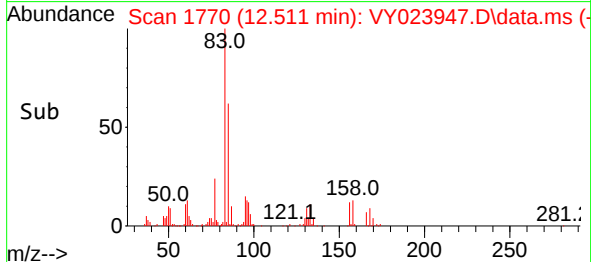
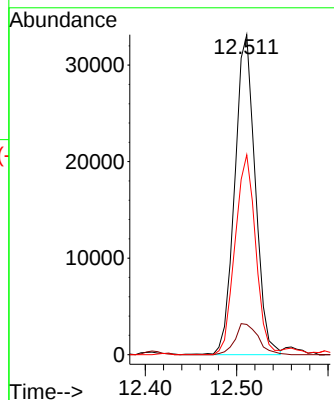
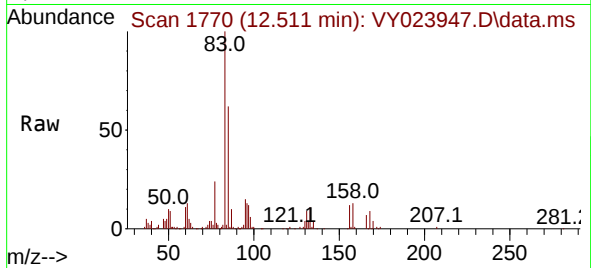




#75
1,1,2,2-Tetrachloroethane
Concen: 17.311 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

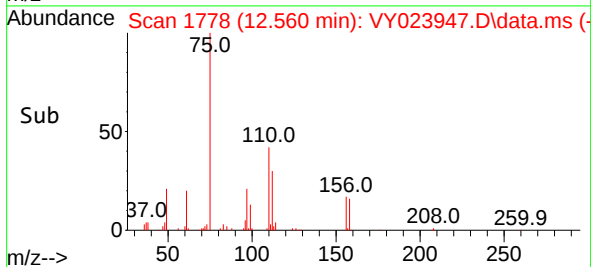
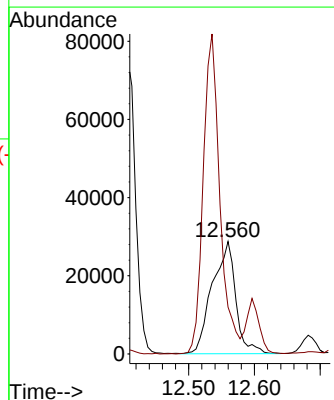
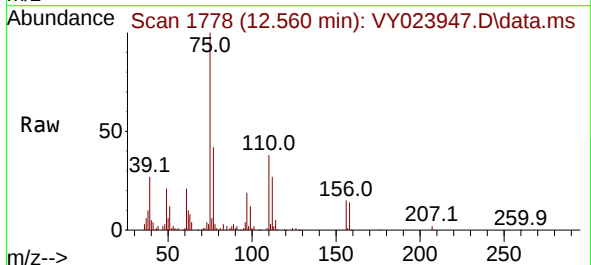
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

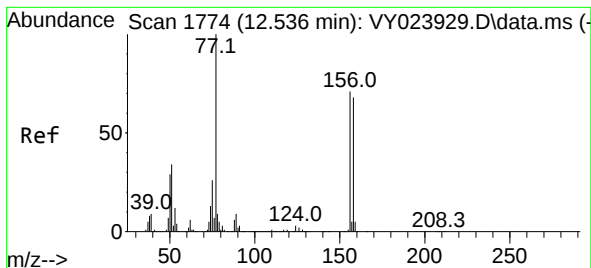
Tgt Ion: 83 Resp: 51542
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 63.0 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 31.614 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 75 Resp: 71554
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.324 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD02

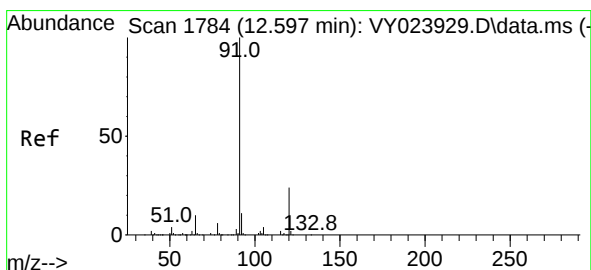
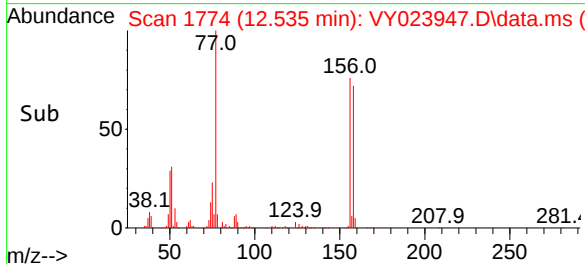
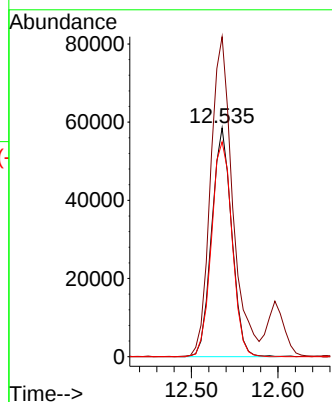
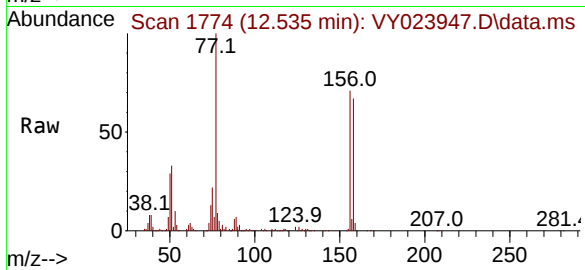
Tgt Ion:156 Resp: 93759

Ion Ratio Lower Upper

156 100

77 154.6 79.8 239.4

158 96.9 48.0 144.2



#78

n-propylbenzene

Concen: 21.031 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023947.D

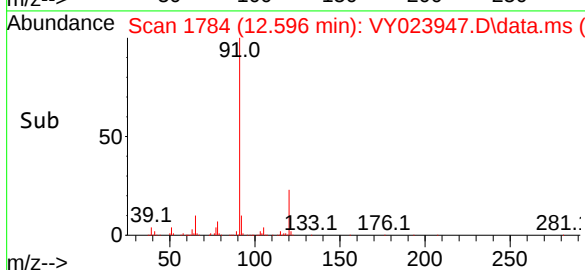
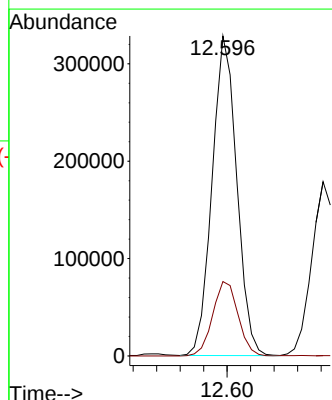
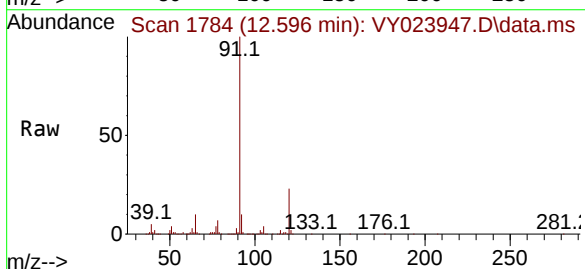
Acq: 11 Dec 2025 12:03

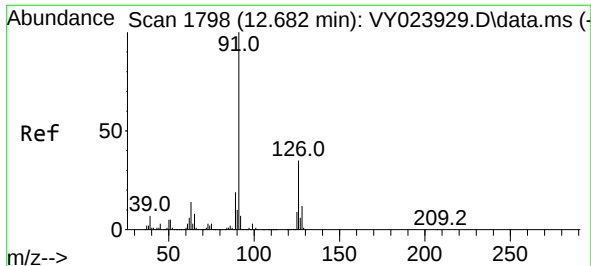
Tgt Ion: 91 Resp: 478474

Ion Ratio Lower Upper

91 100

120 24.0 12.0 36.0





#79

2-Chlorotoluene

Concen: 20.688 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

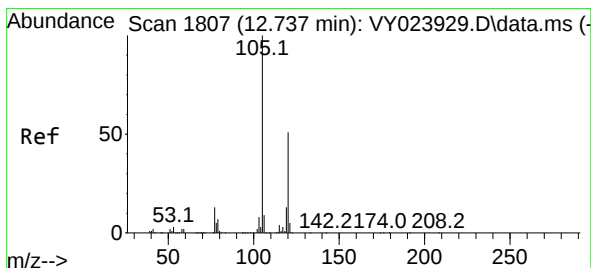
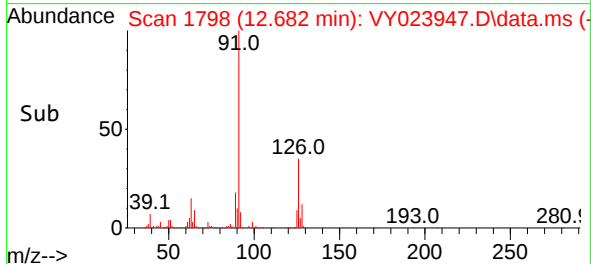
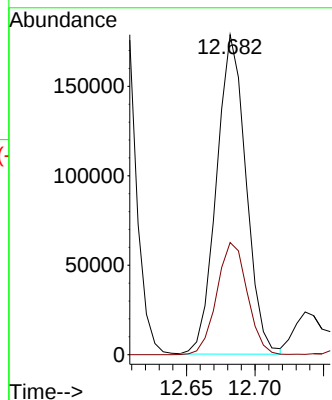
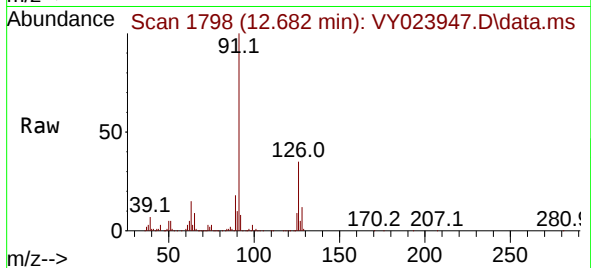
VY1211SBSD02

Tgt Ion: 91 Resp: 267354

Ion Ratio Lower Upper

91 100

126 36.2 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 20.915 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY023947.D

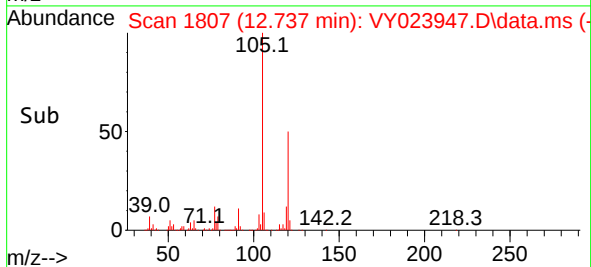
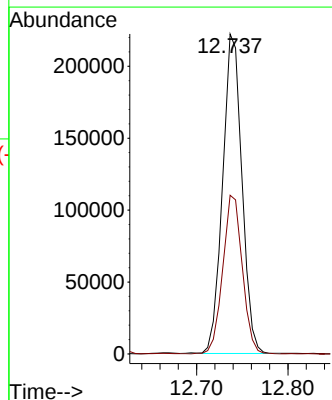
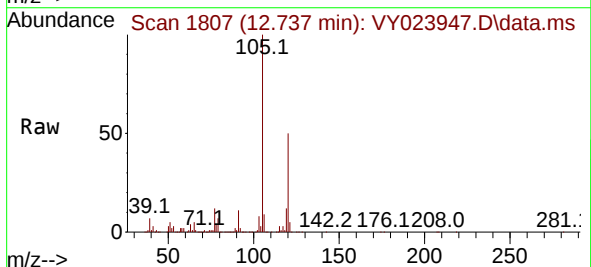
Acq: 11 Dec 2025 12:03

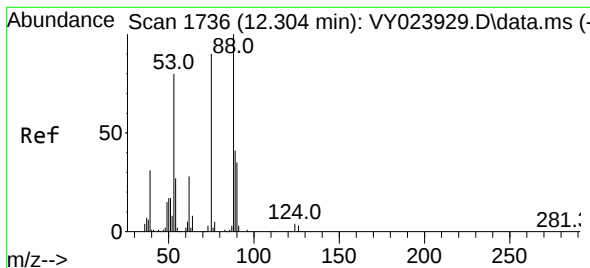
Tgt Ion: 105 Resp: 326269

Ion Ratio Lower Upper

105 100

120 50.2 25.7 77.1

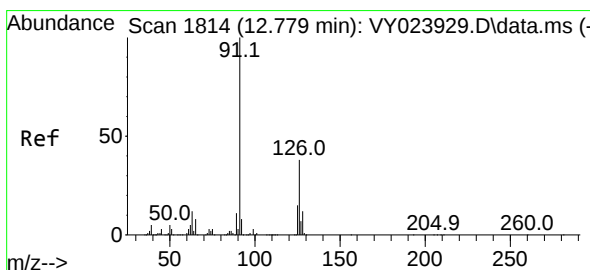
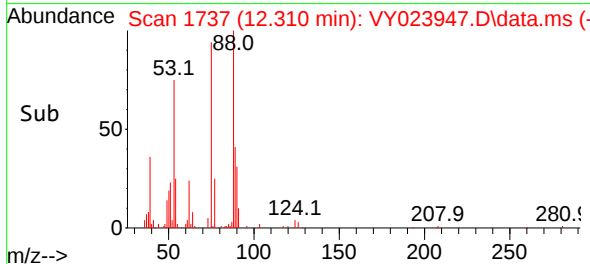
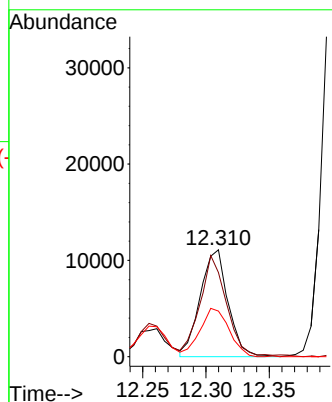
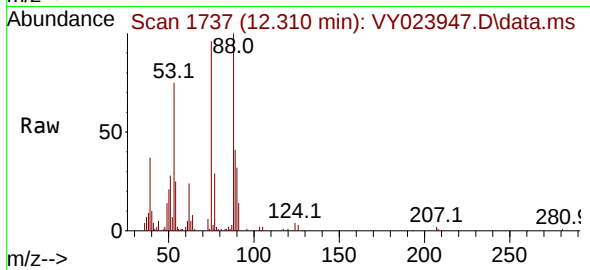




#81
trans-1,4-Dichloro-2-butene
Concen: 17.025 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

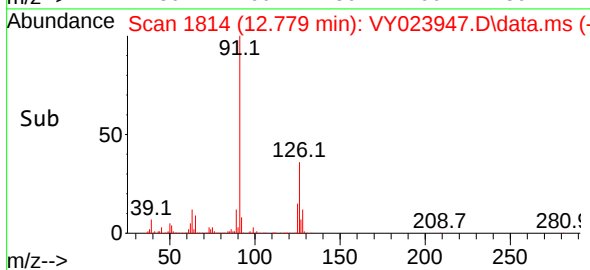
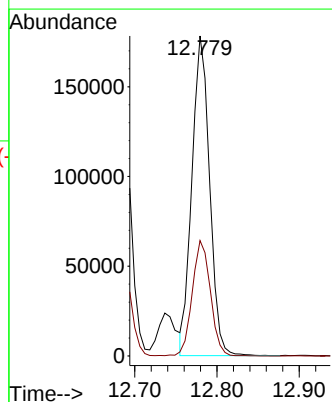
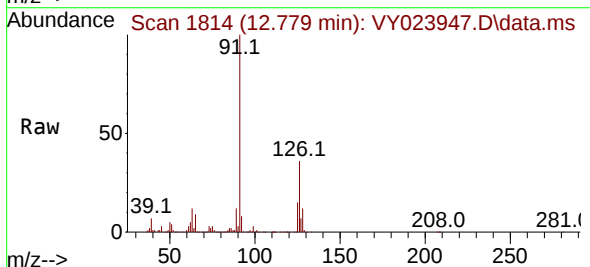
Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

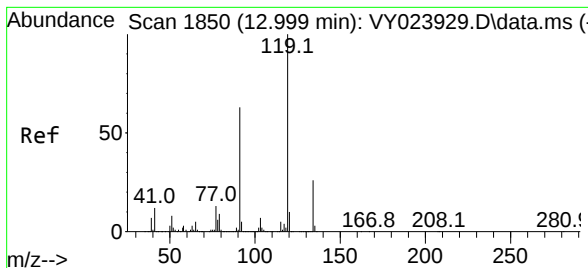
Tgt Ion: 75 Resp: 16929
Ion Ratio Lower Upper
75 100
53 91.6 73.4 110.0
89 47.4 38.9 58.3



#82
4-Chlorotoluene
Concen: 19.986 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion: 91 Resp: 265896
Ion Ratio Lower Upper
91 100
126 37.2 18.1 54.1





#83

tert-Butylbenzene

Concen: 21.216 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD02

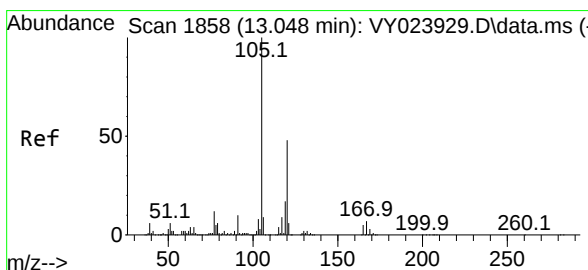
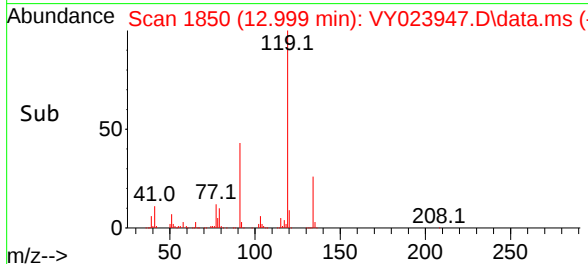
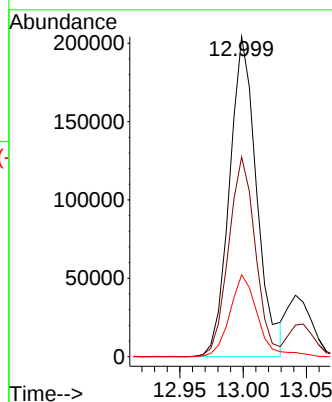
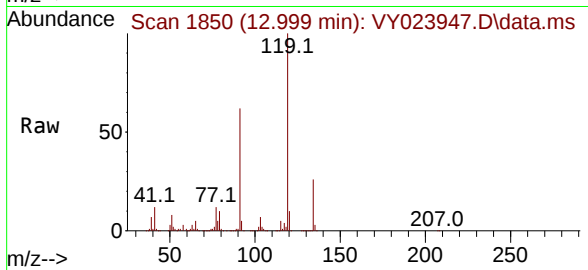
Tgt Ion:119 Resp: 305804

Ion Ratio Lower Upper

119 100

91 61.7 31.6 94.7

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.316 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY023947.D

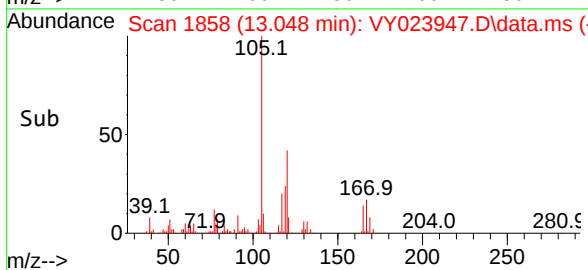
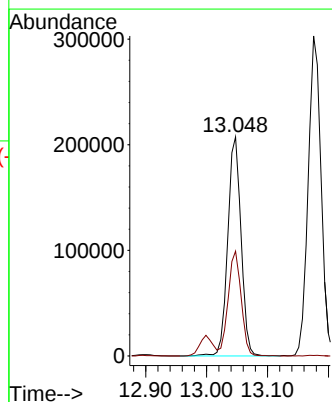
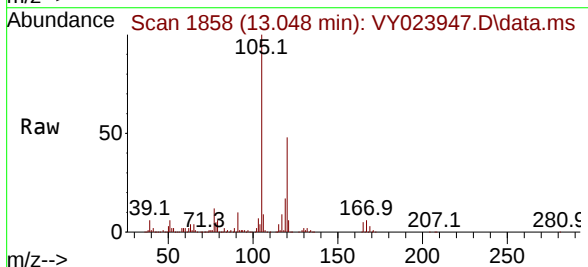
Acq: 11 Dec 2025 12:03

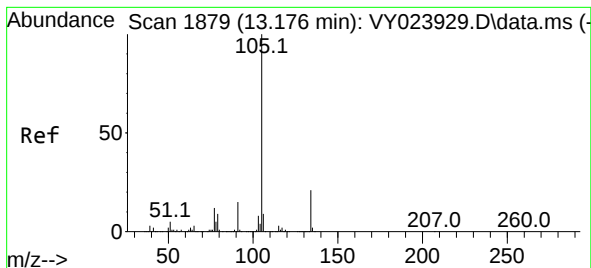
Tgt Ion:105 Resp: 313965

Ion Ratio Lower Upper

105 100

120 46.9 23.4 70.3





#85

sec-Butylbenzene

Concen: 21.094 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

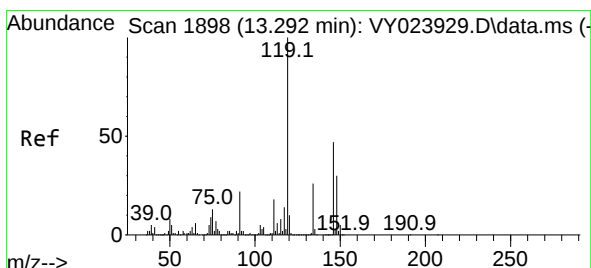
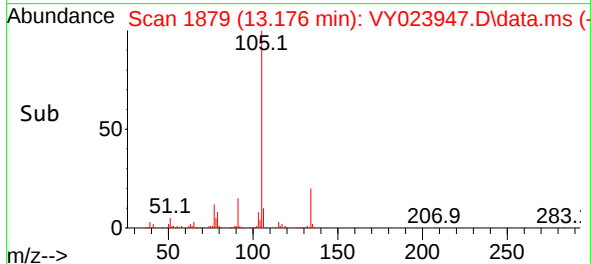
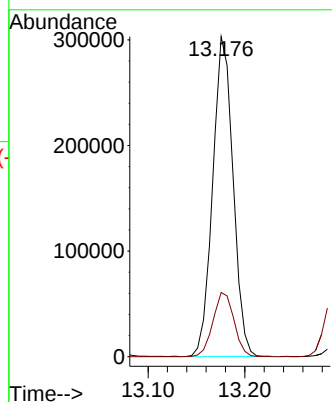
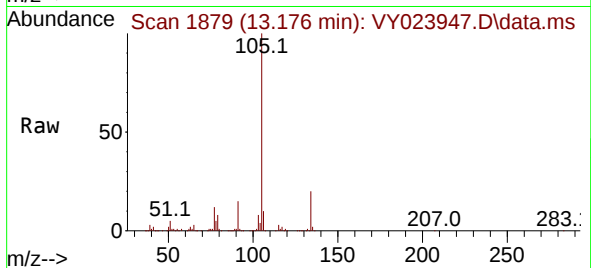
VY1211SBSD02

Tgt Ion:105 Resp: 443510

Ion Ratio Lower Upper

105 100

134 20.7 10.6 31.8



#86

p-Isopropyltoluene

Concen: 20.214 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

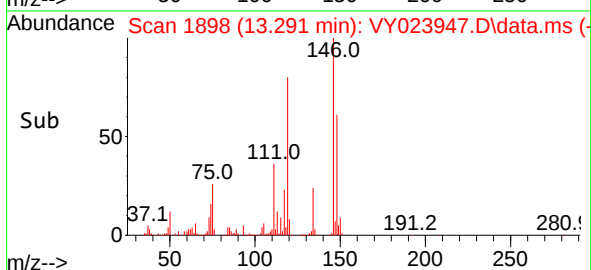
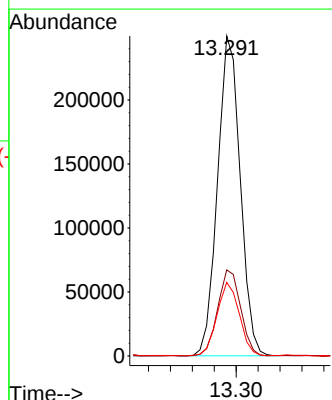
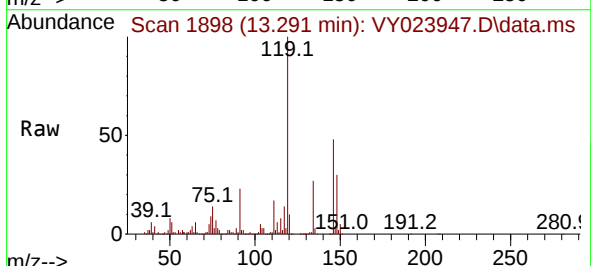
Tgt Ion:119 Resp: 359765

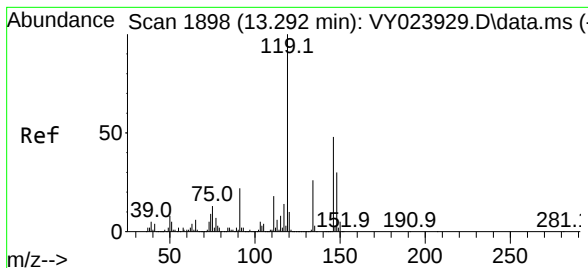
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 22.5 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 19.485 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD02

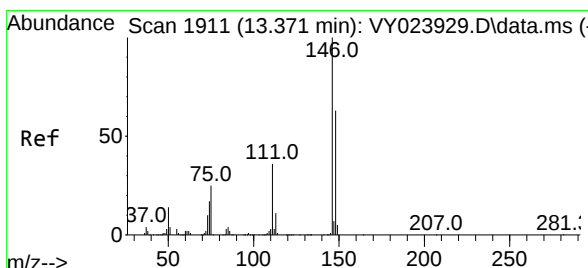
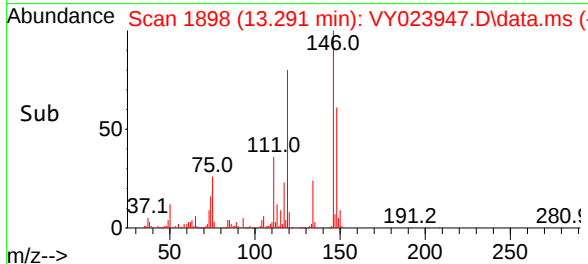
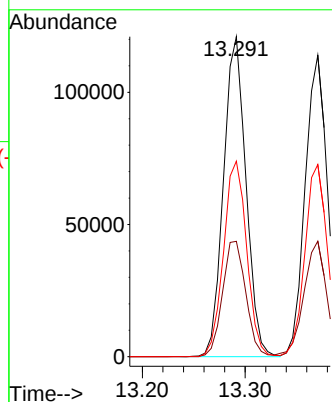
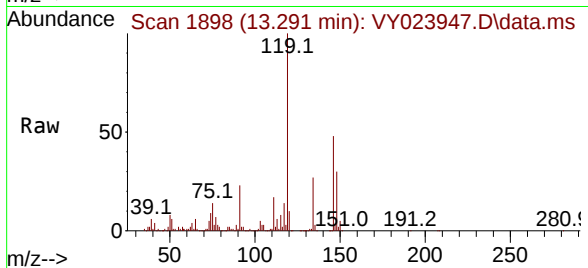
Tgt Ion:146 Resp: 183588

Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.9

148 62.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.574 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

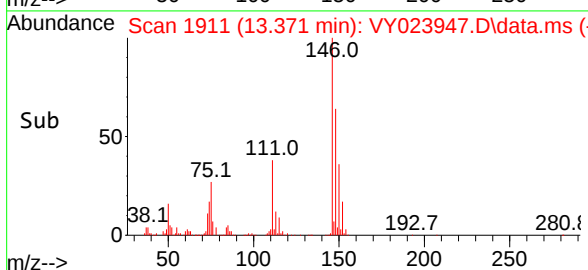
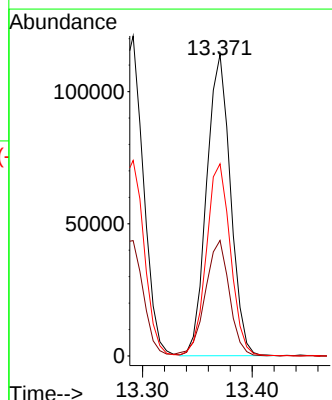
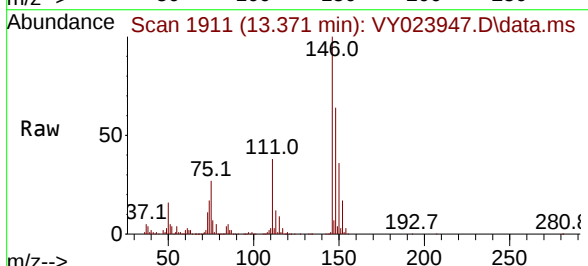
Tgt Ion:146 Resp: 172515

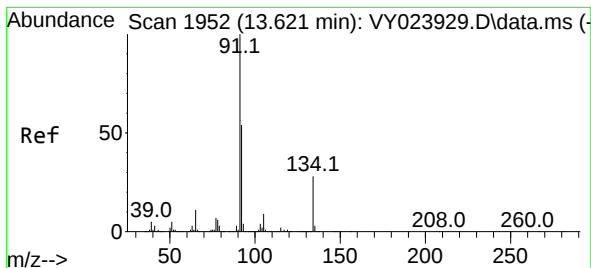
Ion Ratio Lower Upper

146 100

111 38.9 18.4 55.0

148 64.6 31.9 95.9





#89

n-Butylbenzene

Concen: 19.836 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD02

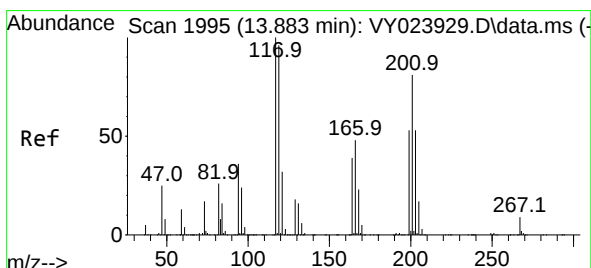
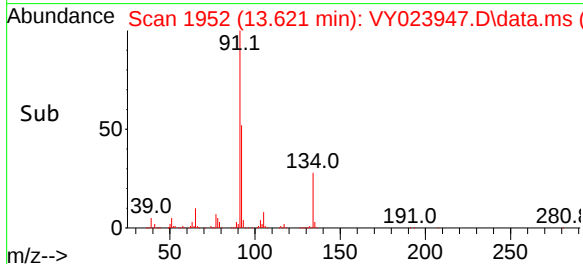
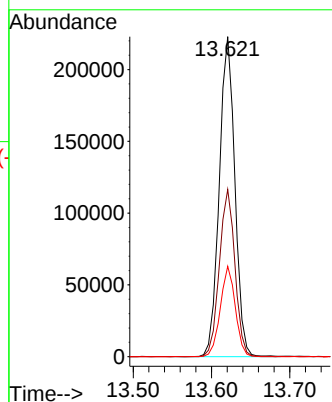
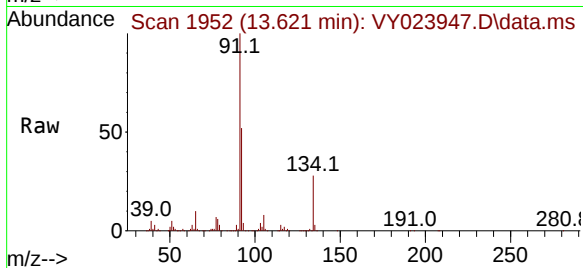
Tgt Ion: 91 Resp: 308870

Ion Ratio Lower Upper

91 100

92 52.2 26.9 80.6

134 27.2 13.9 41.6



#90

Hexachloroethane

Concen: 20.510 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY023947.D

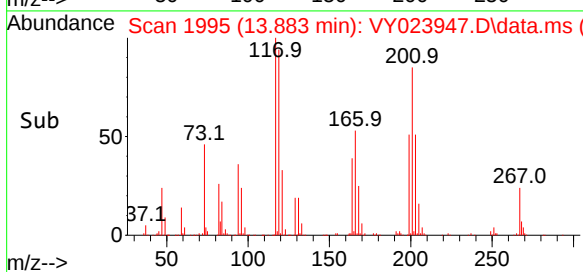
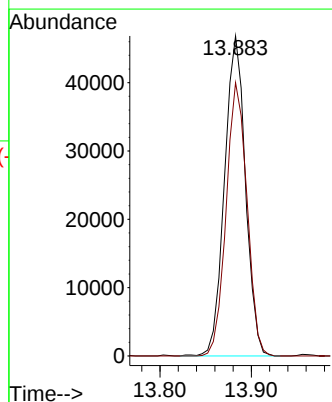
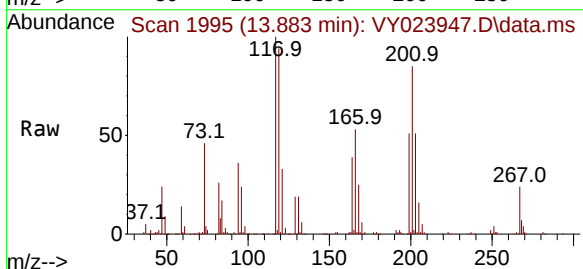
Acq: 11 Dec 2025 12:03

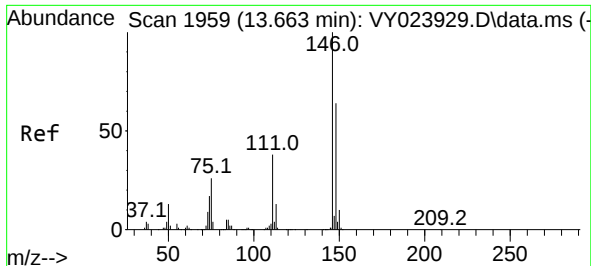
Tgt Ion: 117 Resp: 74486

Ion Ratio Lower Upper

117 100

201 84.8 42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 18.390 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD02

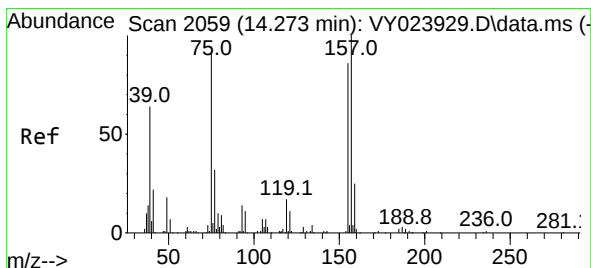
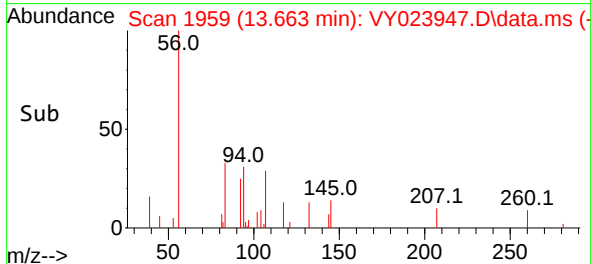
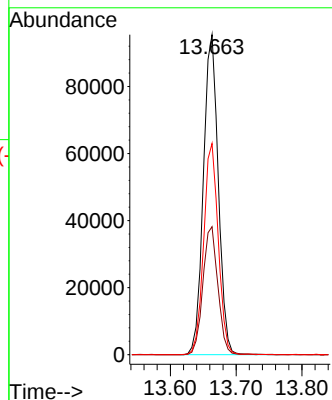
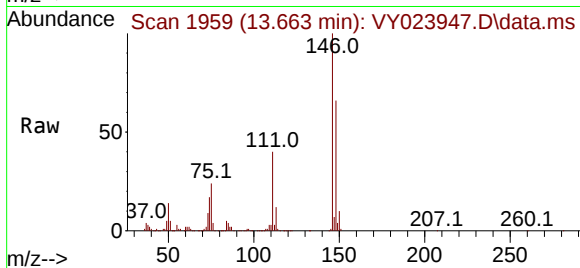
Tgt Ion:146 Resp: 150128

Ion Ratio Lower Upper

146 100

111 40.2 19.6 58.7

148 64.7 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.952 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

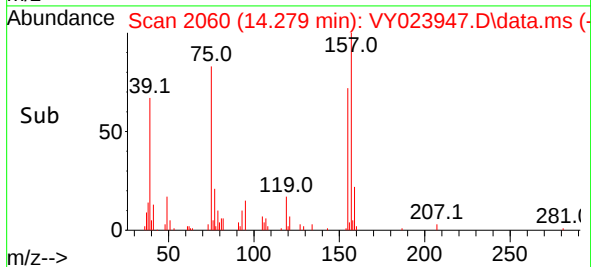
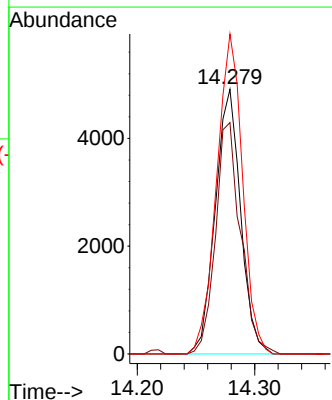
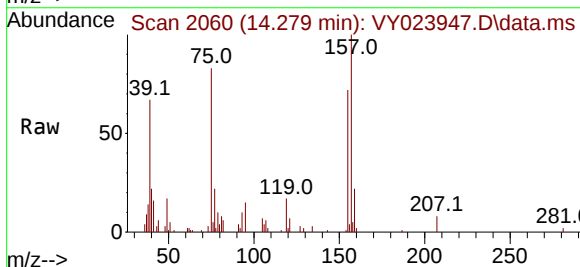
Tgt Ion: 75 Resp: 7354

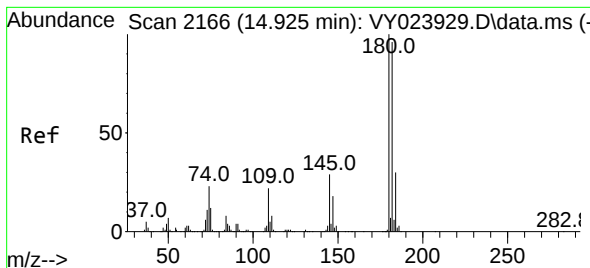
Ion Ratio Lower Upper

75 100

155 86.7 50.2 150.7

157 123.5 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 15.418 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1211SBSD02

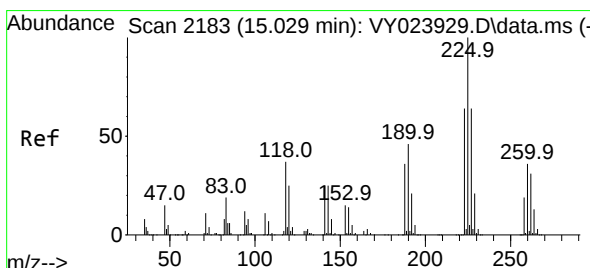
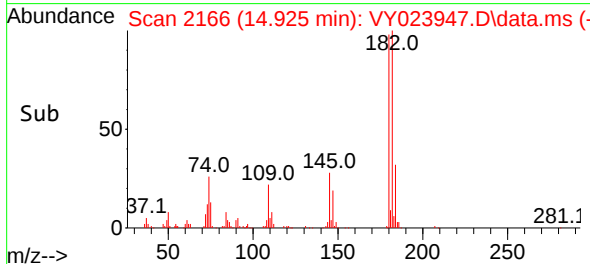
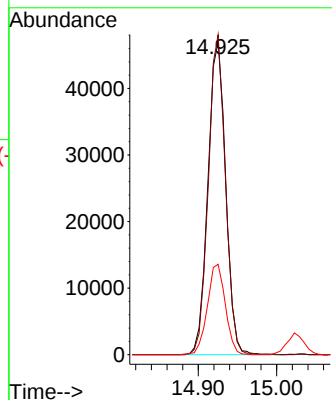
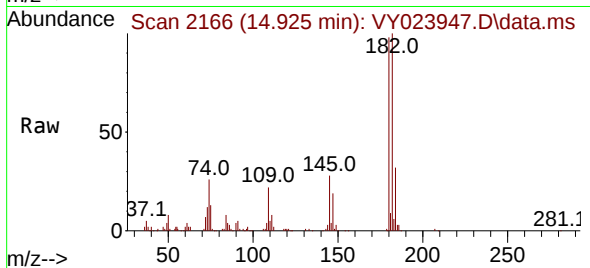
Tgt Ion:180 Resp: 73978

Ion Ratio Lower Upper

180 100

182 98.3 47.6 142.9

145 29.1 14.8 44.4



#94

Hexachlorobutadiene

Concen: 18.775 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY023947.D

Acq: 11 Dec 2025 12:03

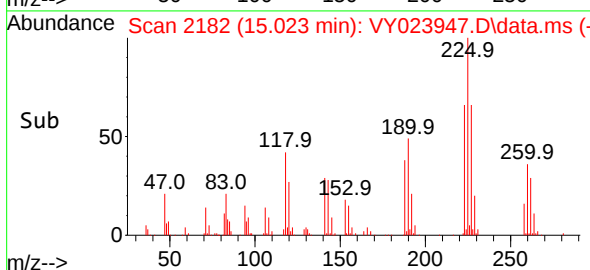
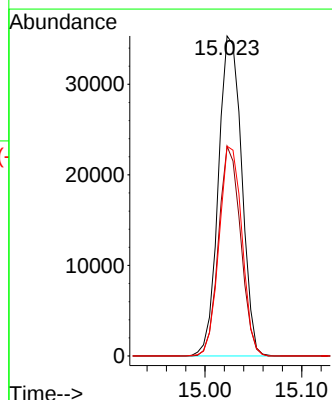
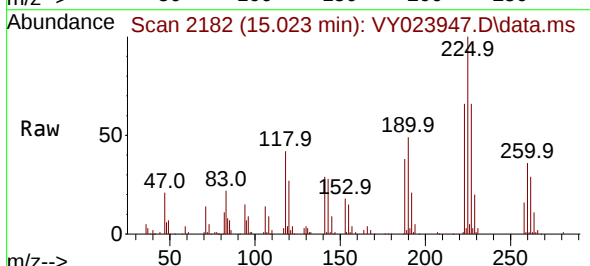
Tgt Ion:225 Resp: 59049

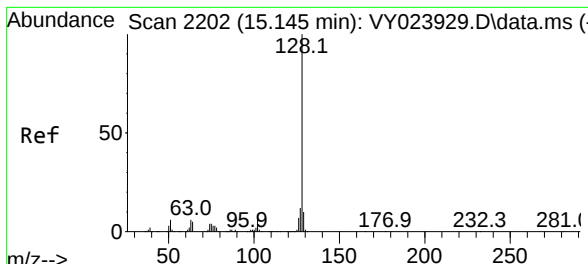
Ion Ratio Lower Upper

225 100

223 62.1 31.6 95.0

227 64.2 31.7 95.1

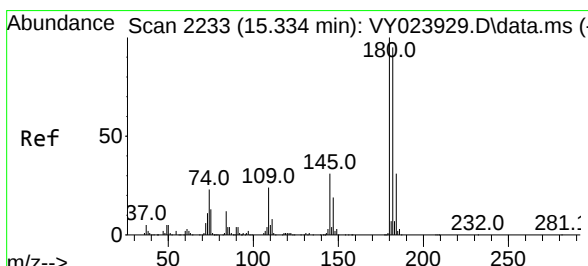
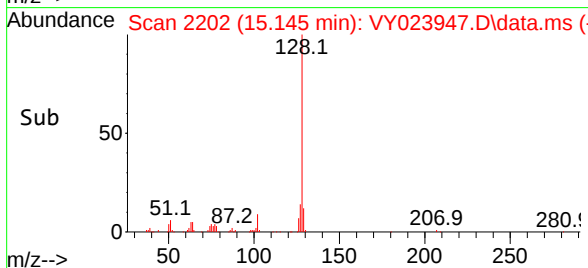
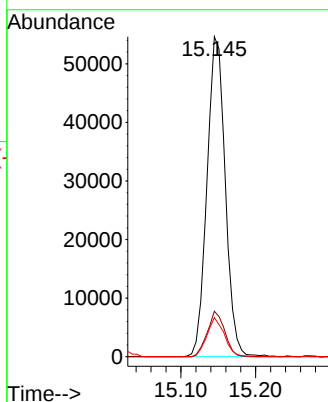
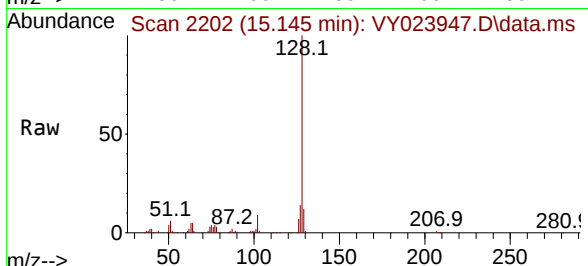




#95
Naphthalene
Concen: 12.529 ug/l
RT: 15.145 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1211SBSD02

Tgt Ion:128	Resp:	92951
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.2 15.2
129	11.6	8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 14.692 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY023947.D
Acq: 11 Dec 2025 12:03

Tgt Ion:180	Resp:	59987
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.8 143.4
145	31.1	15.6 46.8

