

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023921.D
 Acq On : 09 Dec 2025 20:10
 Operator : SY/MD
 Sample : VY1209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS04

Quant Time: Dec 10 02:34:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	493919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	732445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	631159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	322764	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	290083	58.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.420%	
35) Dibromofluoromethane	7.640	113	314712	66.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.980%	
50) Toluene-d8	10.109	98	1160201	63.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 126.940%	
62) 4-Bromofluorobenzene	12.408	95	380851	61.081	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	71331	19.094	ug/l	99
3) Chloromethane	2.074	50	86483	16.228	ug/l	94
4) Vinyl Chloride	2.214	62	107700	17.717	ug/l	97
5) Bromomethane	2.605	94	99692	22.713	ug/l	96
6) Chloroethane	2.745	64	79283	19.237	ug/l	92
7) Trichlorofluoromethane	3.068	101	170693	20.082	ug/l	96
8) Diethyl Ether	3.464	74	48715	19.131	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.830	101	99746	19.587	ug/l	96
10) Methyl Iodide	4.013	142	105860	20.272	ug/l	96
11) Tert butyl alcohol	4.885	59	25905	63.611	ug/l	99
12) 1,1-Dichloroethene	3.800	96	91593	19.249	ug/l	87
13) Acrolein	3.665	56	32032	103.843	ug/l	96
14) Allyl chloride	4.397	41	116869	15.362	ug/l	91
15) Acrylonitrile	5.080	53	94446	85.219	ug/l	98
16) Acetone	3.885	43	131919	89.100	ug/l	96
17) Carbon Disulfide	4.117	76	223626	15.907	ug/l	100
18) Methyl Acetate	4.397	43	49500	19.711	ug/l	92
19) Methyl tert-butyl Ether	5.129	73	232227	19.429	ug/l	94
20) Methylene Chloride	4.629	84	109050	19.301	ug/l	90
21) trans-1,2-Dichloroethene	5.129	96	102783	19.579	ug/l	91
22) Diisopropyl ether	6.031	45	278594	16.632	ug/l #	90
23) Vinyl Acetate	5.976	43	724563	78.036	ug/l #	93
24) 1,1-Dichloroethane	5.927	63	176891	18.277	ug/l	98
25) 2-Butanone	6.903	43	138421	77.554	ug/l #	90
26) 2,2-Dichloropropane	6.897	77	156543	17.648	ug/l	97
27) cis-1,2-Dichloroethene	6.903	96	124541	20.430	ug/l	89
28) Bromochloromethane	7.256	49	46813	12.659	ug/l #	73
29) Tetrahydrofuran	7.274	42	71378	77.327	ug/l #	88
30) Chloroform	7.433	83	195875	20.029	ug/l	100
31) Cyclohexane	7.707	56	142378	15.386	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	174956	19.818	ug/l	97
36) 1,1-Dichloropropene	7.848	75	129270	18.662	ug/l	96
37) Ethyl Acetate	6.994	43	52469	16.403	ug/l	95
38) Carbon Tetrachloride	7.829	117	160531	20.998	ug/l	99
39) Methylcyclohexane	9.116	83	165647	18.371	ug/l	94
40) Benzene	8.091	78	410940	19.627	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	29766	18.053	ug/l #	89
42) 1,2-Dichloroethane	8.165	62	108550	19.868	ug/l	98
43) Isopropyl Acetate	8.207	43	98885	16.523	ug/l #	89
44) Trichloroethene	8.872	130	121324	22.520	ug/l	94
45) 1,2-Dichloropropane	9.146	63	93270	18.814	ug/l	96
46) Dibromomethane	9.238	93	55606	20.718	ug/l	90
47) Bromodichloromethane	9.427	83	146740	20.723	ug/l	99
48) Methyl methacrylate	9.225	41	45227	16.176	ug/l #	86
49) 1,4-Dioxane	9.238	88	12188	408.406	ug/l #	94
51) 4-Methyl-2-Pentanone	10.000	43	262158	83.305	ug/l	95
52) Toluene	10.176	92	273602	20.867	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	123589	19.338	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	146757	19.501	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	77588	21.415	ug/l	96
56) Ethyl methacrylate	10.445	69	86243	19.103	ug/l	92
57) 1,3-Dichloropropane	10.719	76	122048	19.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	154992	78.139	ug/l	89
59) 2-Hexanone	10.762	43	193334	81.457	ug/l	95
60) Dibromochloromethane	10.914	129	107474	22.123	ug/l	97
61) 1,2-Dibromoethane	11.018	107	71545	21.668	ug/l	99
64) Tetrachloroethene	10.652	164	148846	24.099	ug/l	97
65) Chlorobenzene	11.444	112	306751	21.293	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	108382	22.051	ug/l	99
67) Ethyl Benzene	11.524	91	494628	19.861	ug/l	96
68) m/p-Xylenes	11.633	106	399276	41.945	ug/l	95
69) o-Xylene	11.957	106	187311	21.038	ug/l	97
70) Styrene	11.975	104	304501	20.747	ug/l	98
71) Bromoform	12.133	173	65203	23.478	ug/l #	99
73) Isopropylbenzene	12.255	105	492461	20.709	ug/l	99
74) N-amyl acetate	12.072	43	77524	15.042	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	72407	18.872	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	98893	30.906	ug/l #	100
77) Bromobenzene	12.536	156	124213	22.491	ug/l	88
78) n-propylbenzene	12.597	91	557436	19.426	ug/l	96
79) 2-Chlorotoluene	12.682	91	328483	20.156	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	397580	20.576	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	23727	17.760	ug/l	97
82) 4-Chlorotoluene	12.780	91	331889	19.643	ug/l	95
83) tert-Butylbenzene	12.999	119	368543	21.157	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	389774	20.362	ug/l	96
85) sec-Butylbenzene	13.176	105	518926	20.026	ug/l	97
86) p-Isopropyltoluene	13.292	119	433392	20.200	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	233088	20.948	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	225837	20.697	ug/l	98
89) n-Butylbenzene	13.621	91	362329	18.246	ug/l	98
90) Hexachloroethane	13.883	117	89742	19.938	ug/l	90
91) 1,2-Dichlorobenzene	13.664	146	201907	20.863	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11592	19.215	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	105251	18.343	ug/l	98
94) Hexachlorobutadiene	15.029	225	72248	20.069	ug/l	99
95) Naphthalene	15.145	128	167049	17.666	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	88005	17.973	ug/l	98

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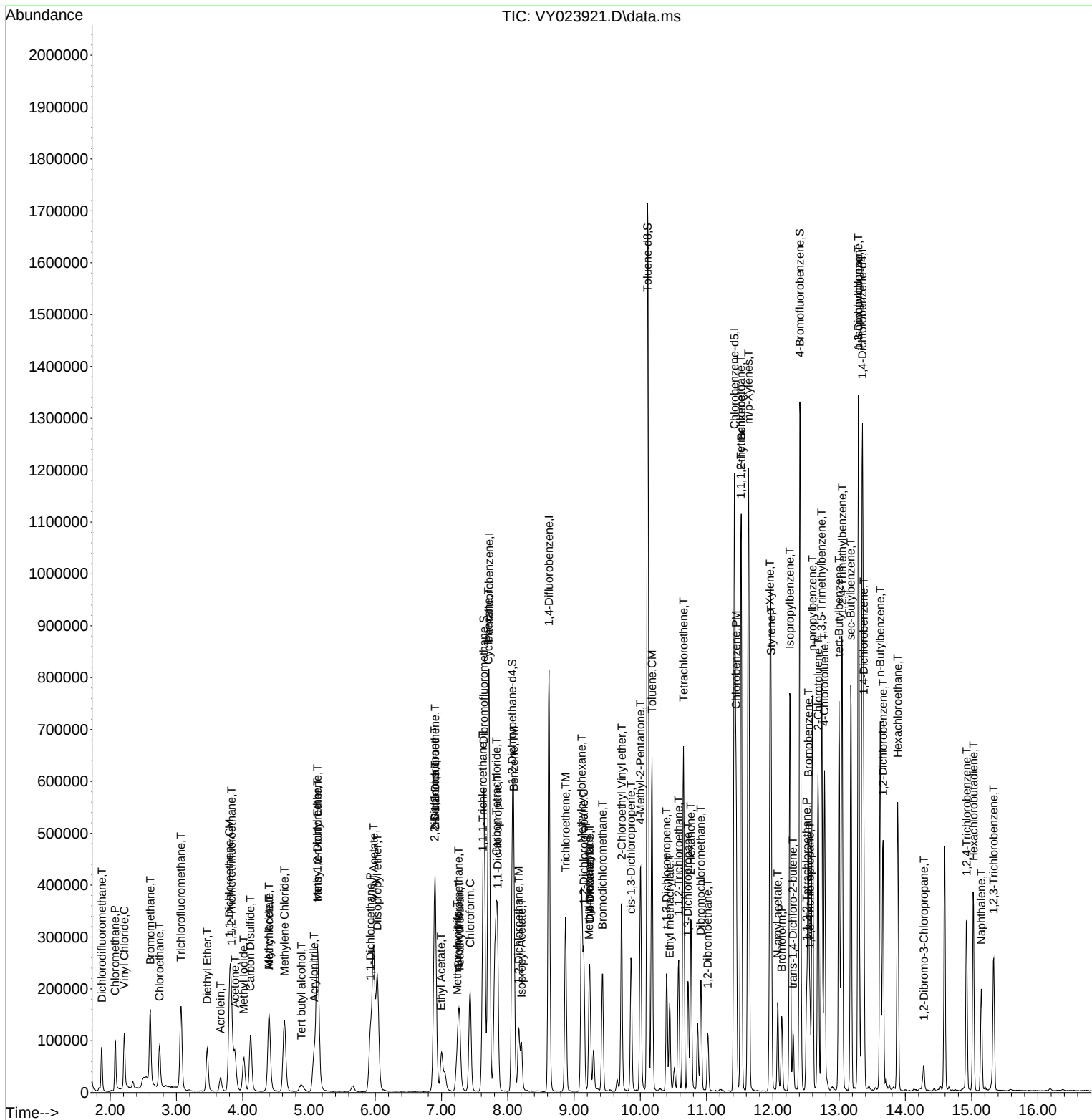
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

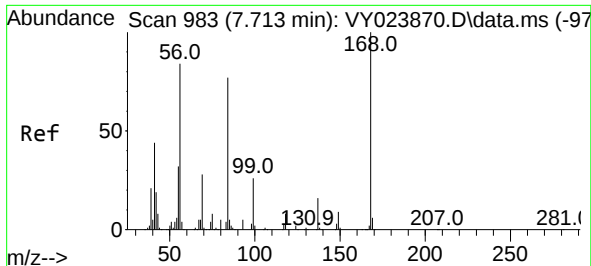
Quant Time: Dec 10 02:34:59 2025
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Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

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

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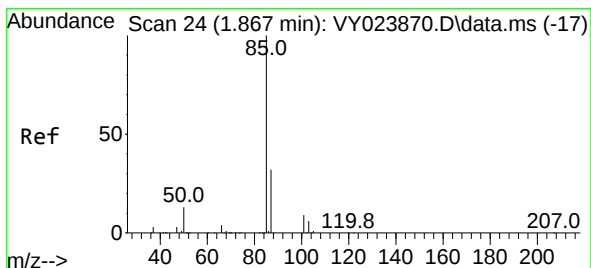
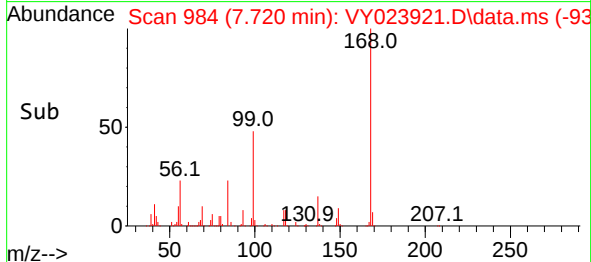
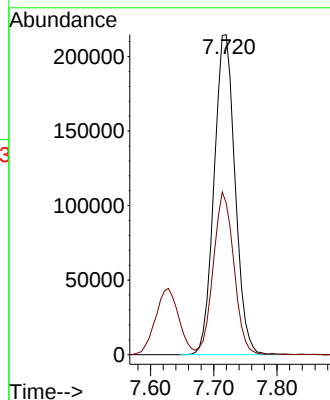
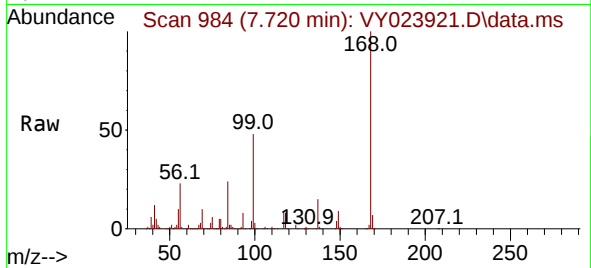




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

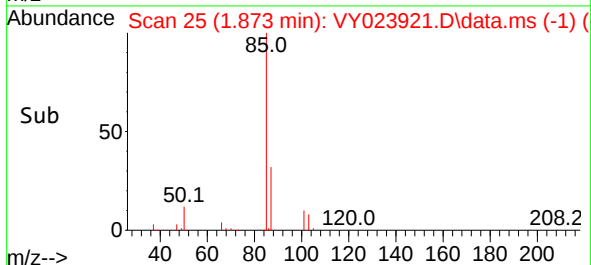
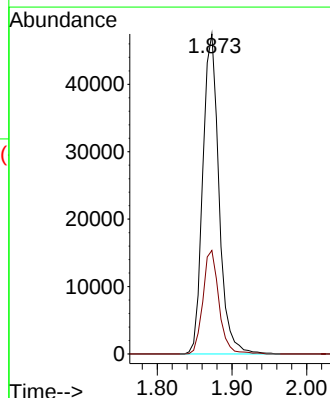
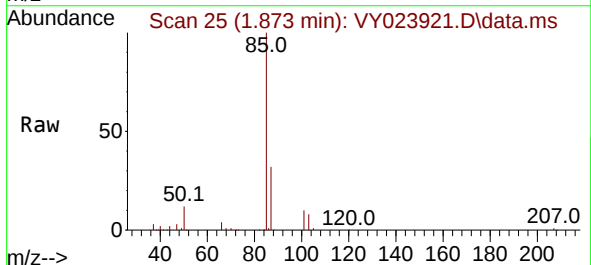
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

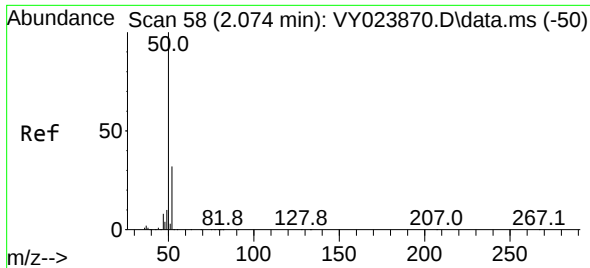
Tgt Ion:168 Resp: 493919
Ion Ratio Lower Upper
168 100
99 47.4 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 19.094 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 85 Resp: 71331
Ion Ratio Lower Upper
85 100
87 32.3 15.9 47.6

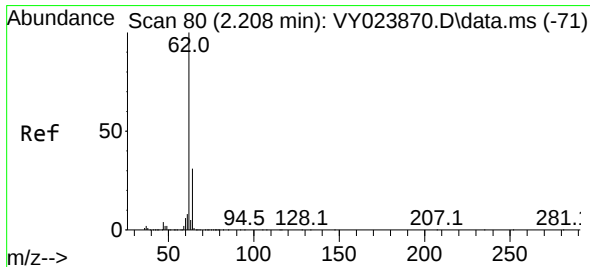
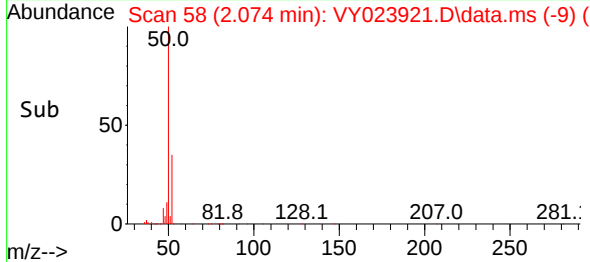
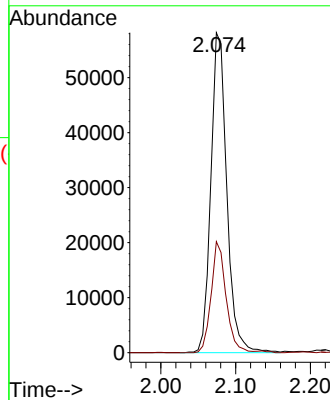
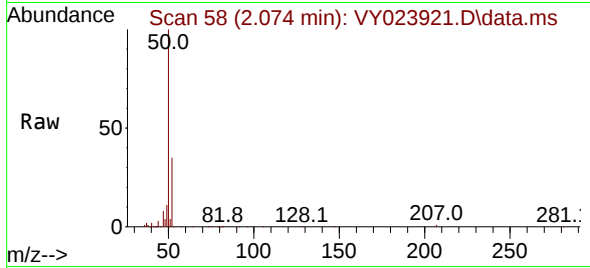




#3
Chloromethane
Concen: 16.228 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

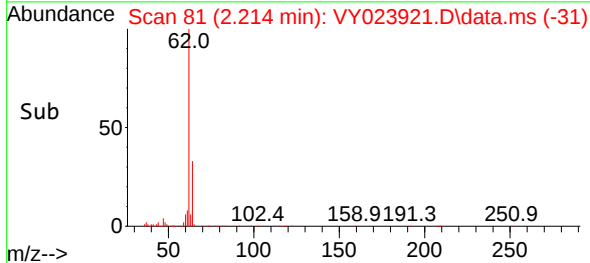
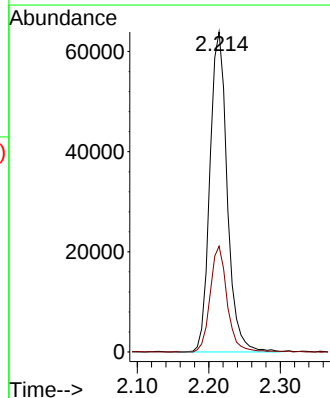
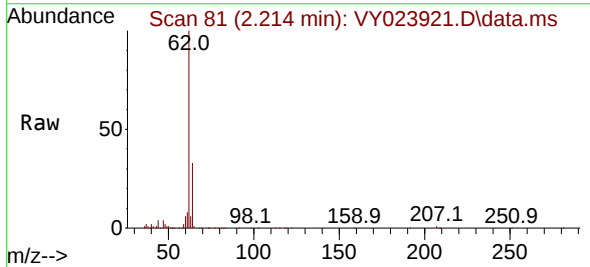
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

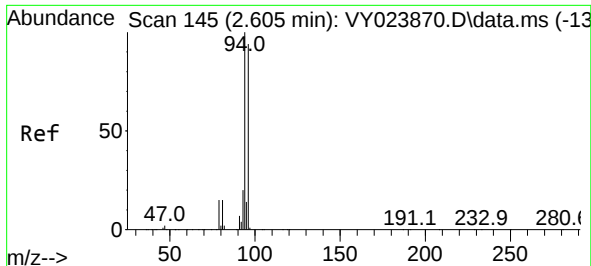
Tgt Ion: 50 Resp: 86483
Ion Ratio Lower Upper
50 100
52 34.7 25.2 37.8



#4
Vinyl Chloride
Concen: 17.717 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 62 Resp: 107700
Ion Ratio Lower Upper
62 100
64 33.0 25.1 37.7

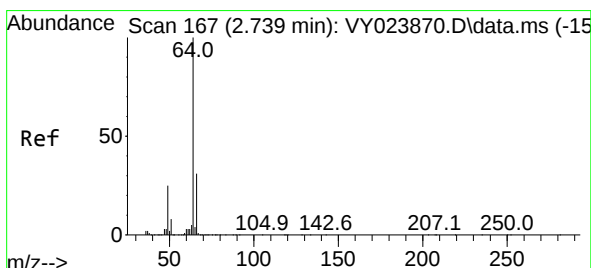
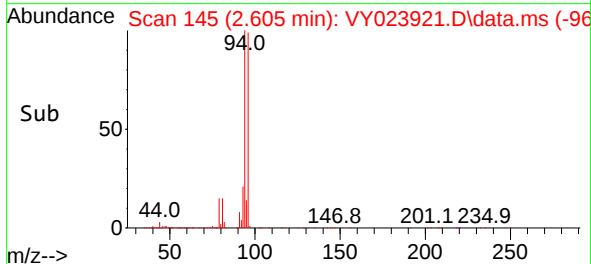
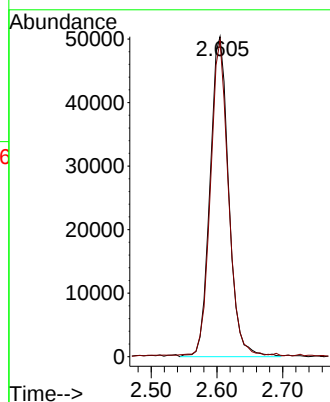
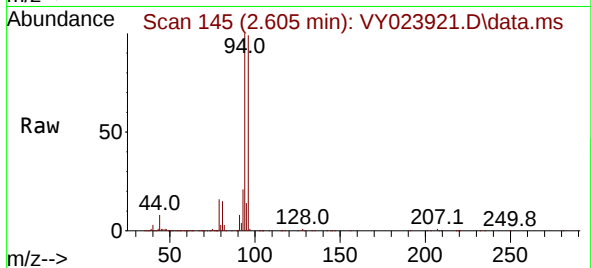




#5
Bromomethane
Concen: 22.713 ug/l
RT: 2.605 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

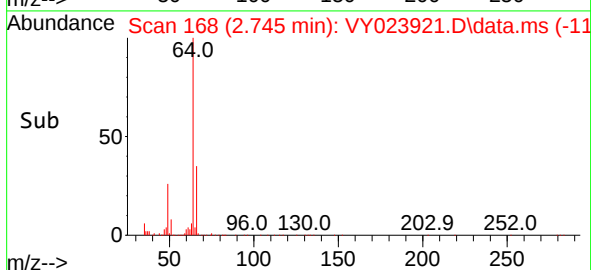
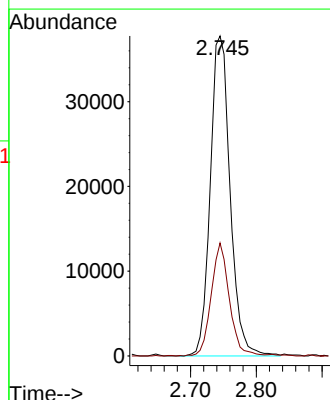
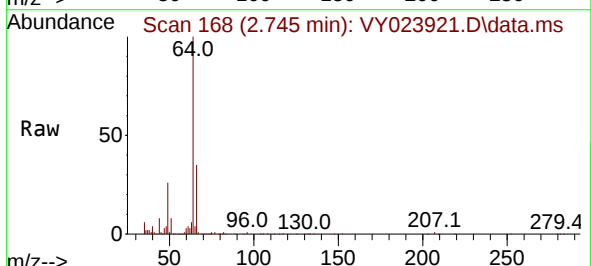
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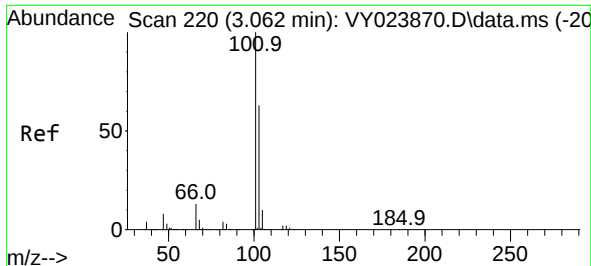
Tgt Ion: 94 Resp: 99692
Ion Ratio Lower Upper
94 100
96 98.3 75.2 112.8



#6
Chloroethane
Concen: 19.237 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 64 Resp: 79283
Ion Ratio Lower Upper
64 100
66 35.2 24.8 37.2

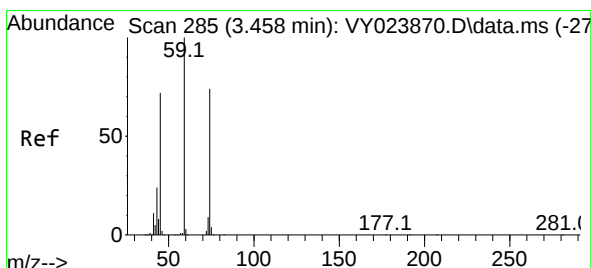
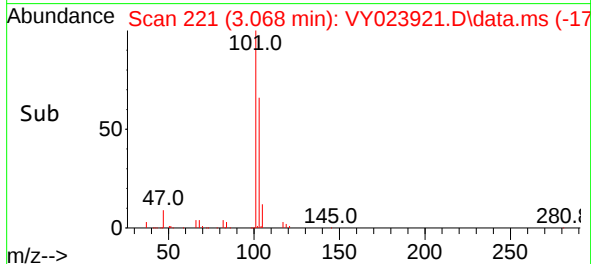
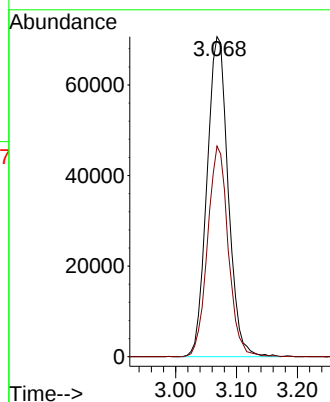
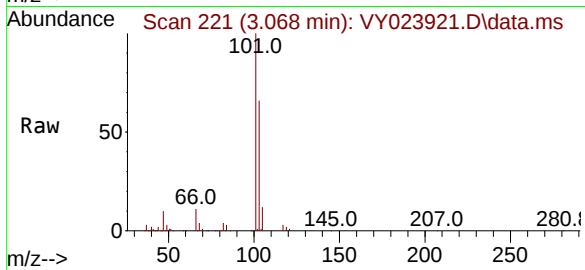




#7
Trichlorofluoromethane
Concen: 20.082 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

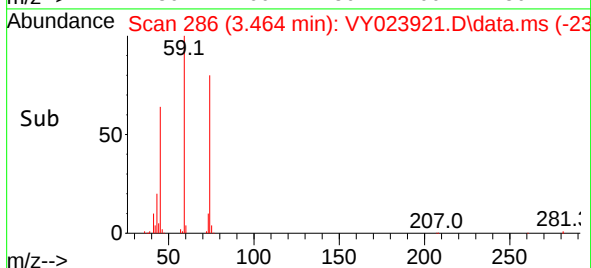
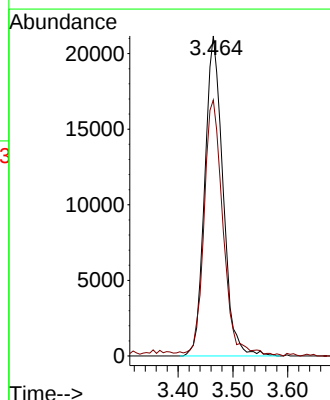
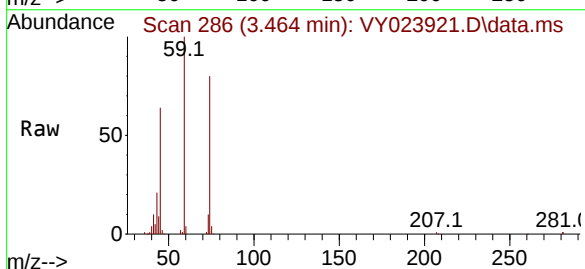
Instrument :
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ClientSampleId :
VY1209SBS04

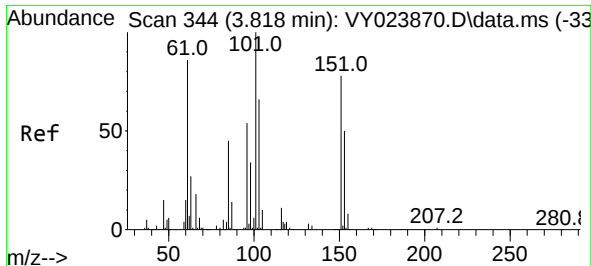
Tgt Ion:101 Resp: 170693
Ion Ratio Lower Upper
101 100
103 65.8 50.2 75.2



#8
Diethyl Ether
Concen: 19.131 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 74 Resp: 48715
Ion Ratio Lower Upper
74 100
45 83.8 48.4 145.3

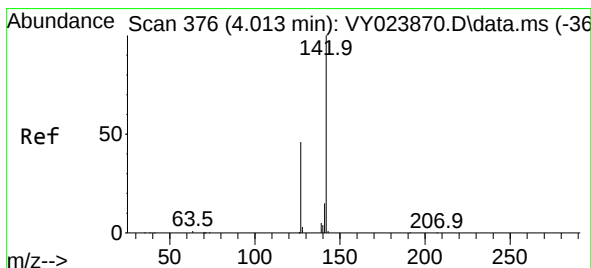
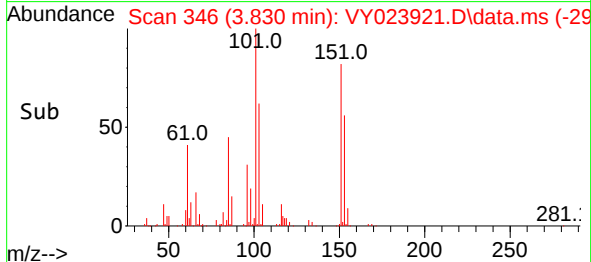
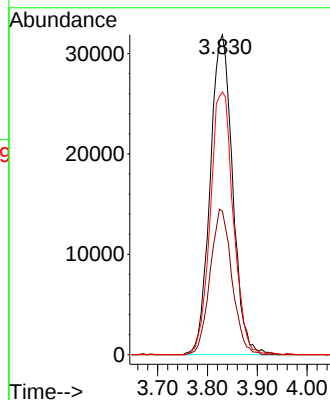
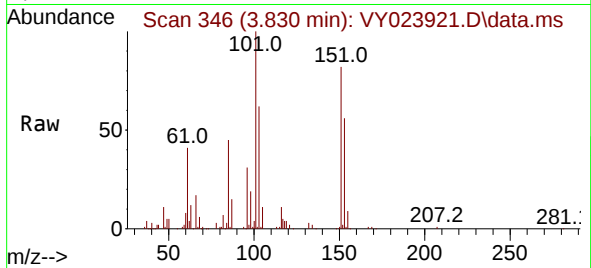




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.587 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

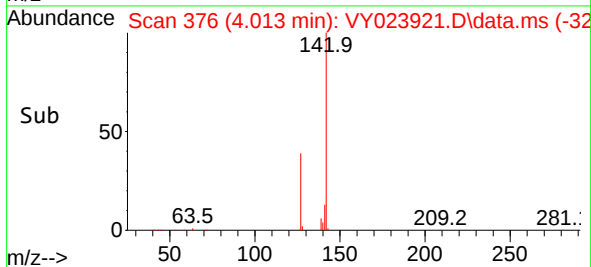
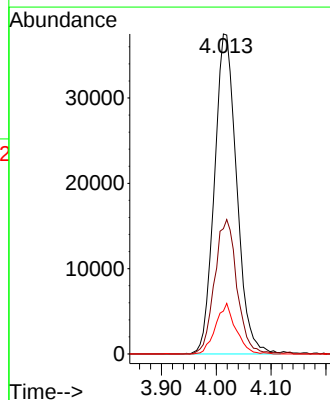
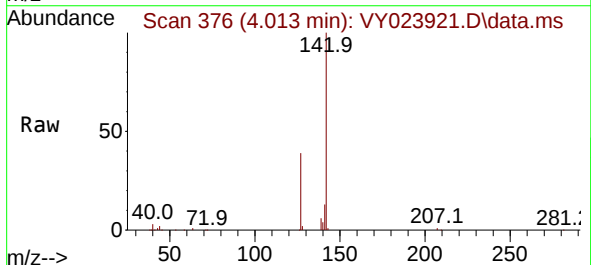
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD04

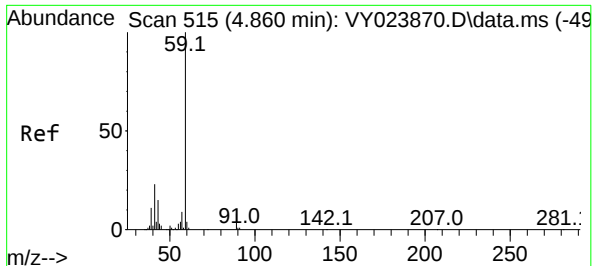
Tgt Ion:101 Resp: 99746
Ion Ratio Lower Upper
101 100
85 44.2 35.8 53.8
151 84.0 63.4 95.0



#10
Methyl Iodide
Concen: 20.272 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion:142 Resp: 105860
Ion Ratio Lower Upper
142 100
127 42.3 36.1 54.1
141 14.2 11.8 17.8

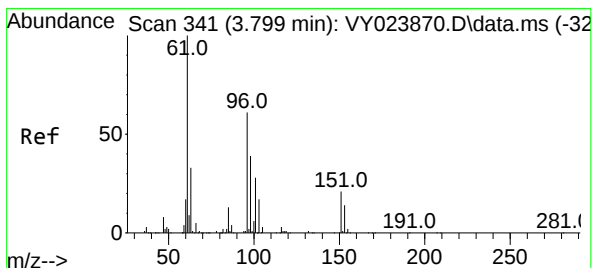
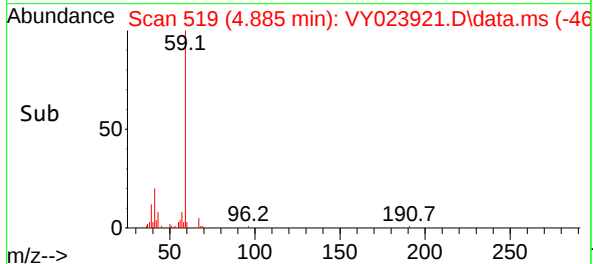
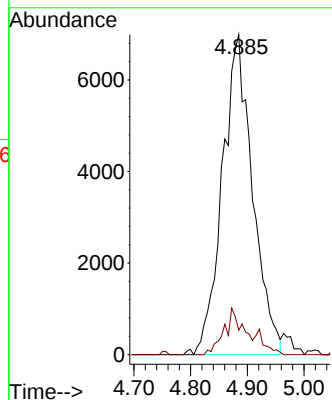
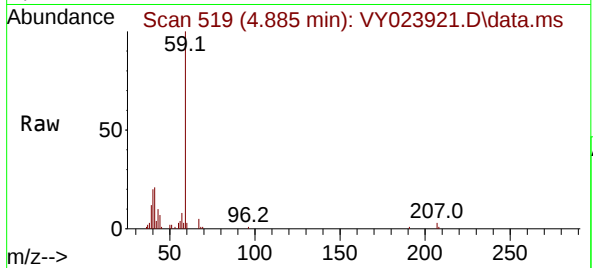




#11
Tert butyl alcohol
Concen: 63.611 ug/l
RT: 4.885 min Scan# 515
Delta R.T. 0.024 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

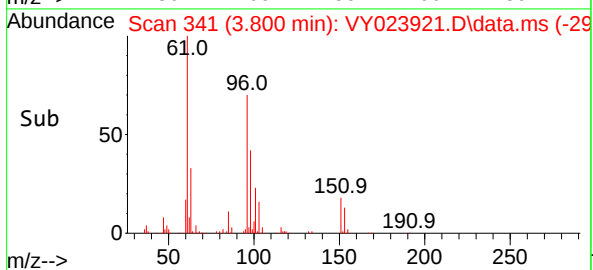
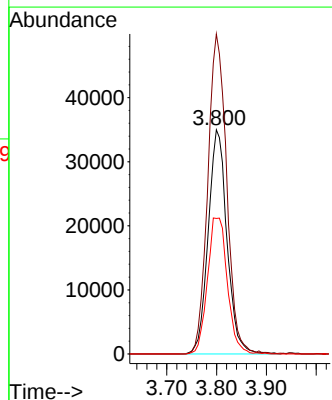
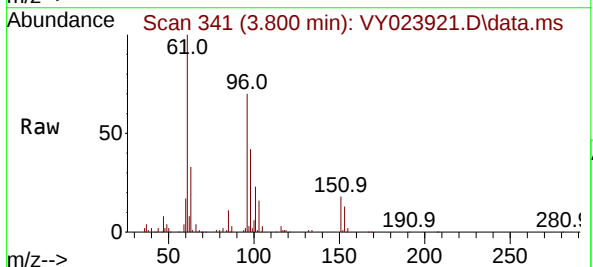
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

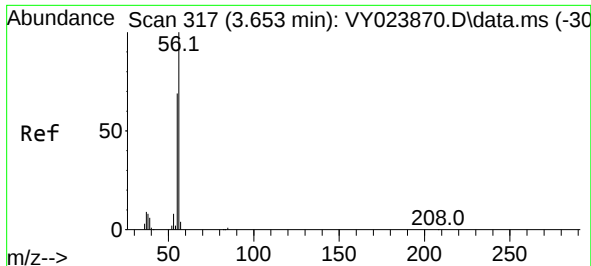
Tgt Ion: 59 Resp: 25905
Ion Ratio Lower Upper
59 100
57 9.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 19.249 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 96 Resp: 91593
Ion Ratio Lower Upper
96 100
61 142.8 131.2 196.8
98 60.5 51.3 76.9

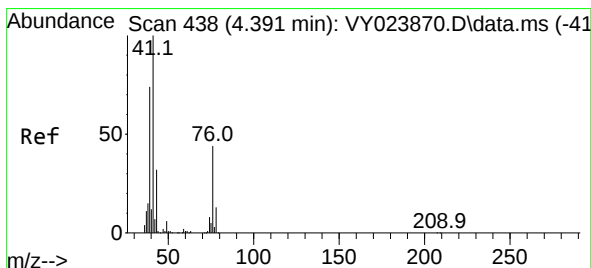
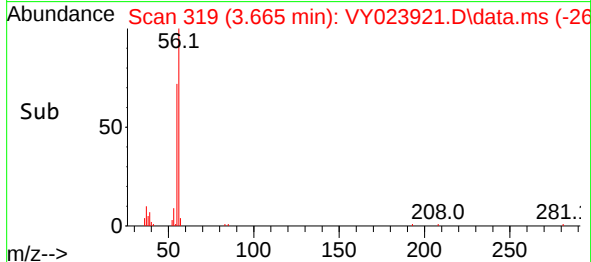
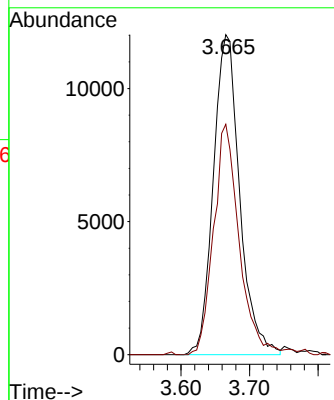
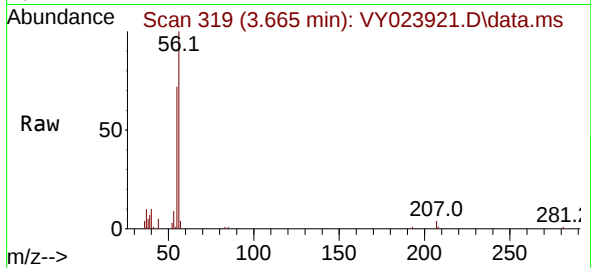




#13
Acrolein
Concen: 103.843 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

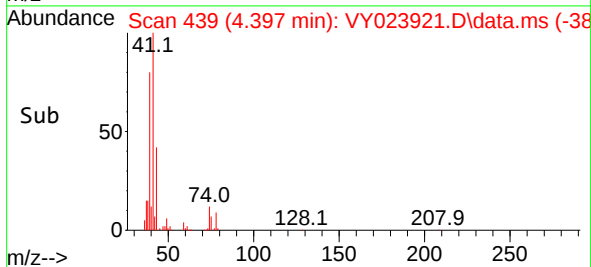
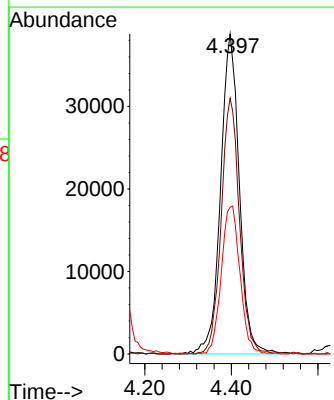
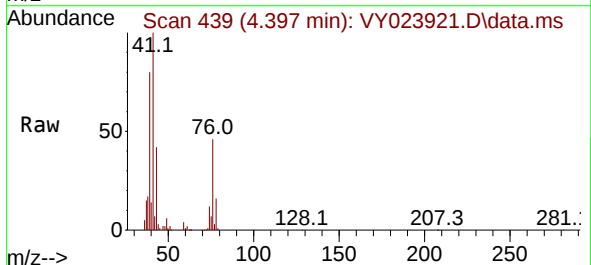
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

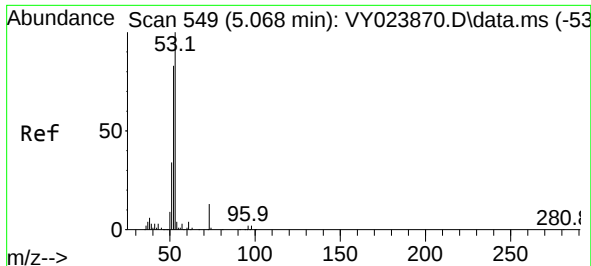
Tgt Ion: 56 Resp: 32032
Ion Ratio Lower Upper
56 100
55 70.0 59.0 88.6



#14
Allyl chloride
Concen: 15.362 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 41 Resp: 116869
Ion Ratio Lower Upper
41 100
39 78.0 57.4 86.0
76 46.2 30.8 46.2

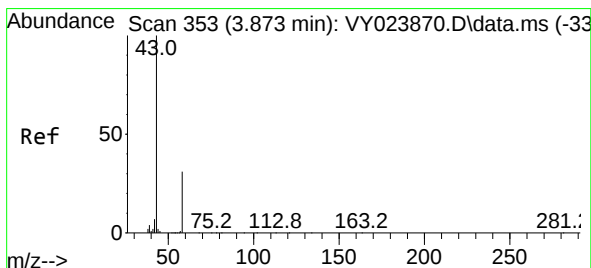
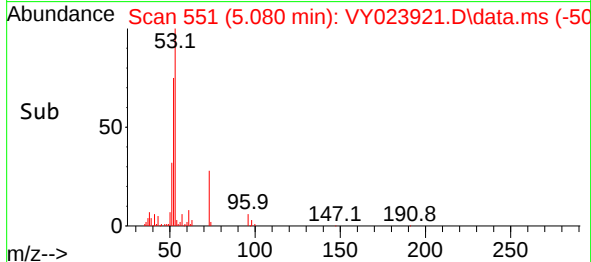
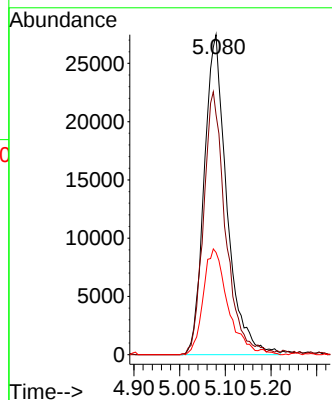
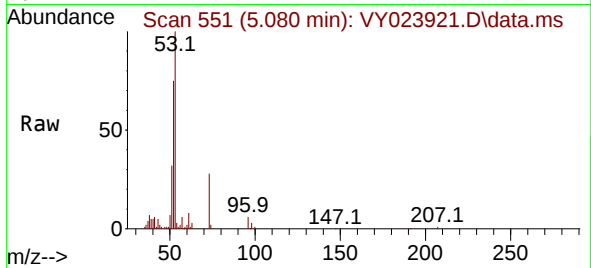




#15
Acrylonitrile
Concen: 85.219 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

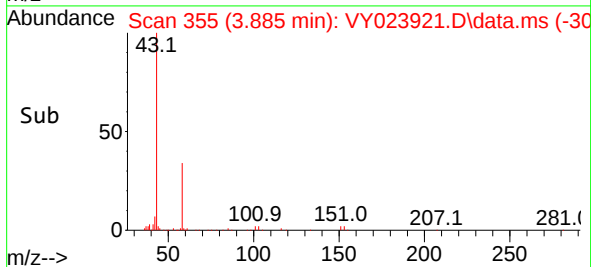
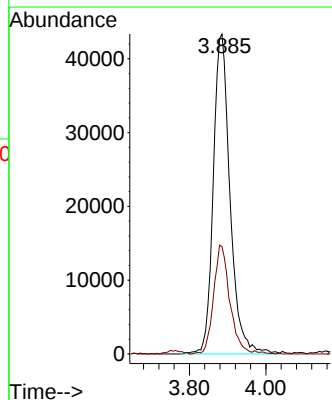
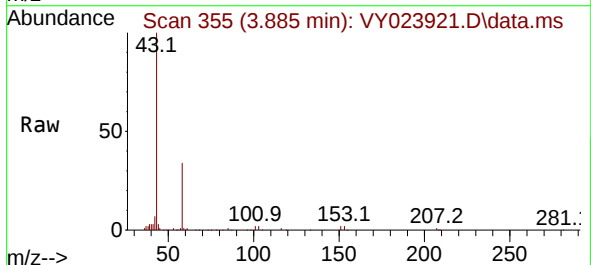
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

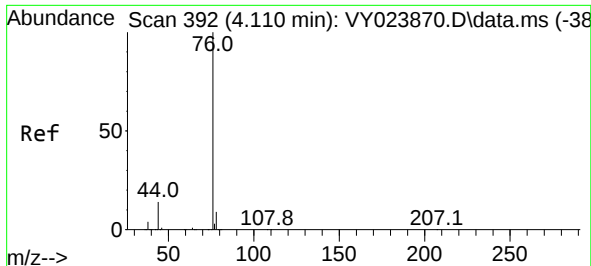
Tgt Ion: 53 Resp: 94446
Ion Ratio Lower Upper
53 100
52 80.2 65.1 97.7
51 35.7 29.5 44.3



#16
Acetone
Concen: 89.100 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 43 Resp: 131919
Ion Ratio Lower Upper
43 100
58 33.4 25.1 37.7

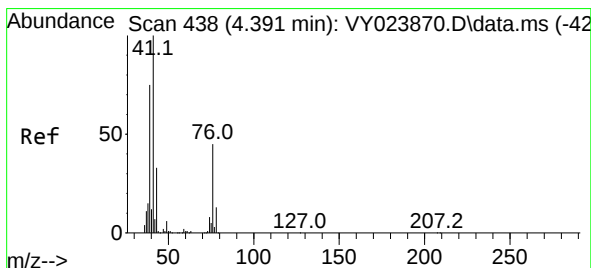
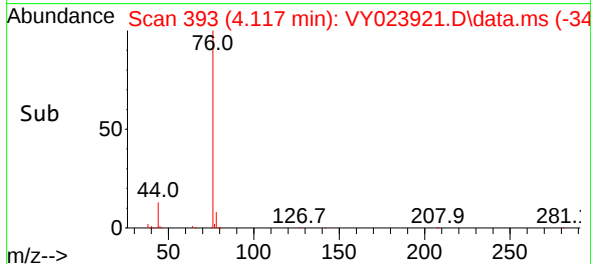
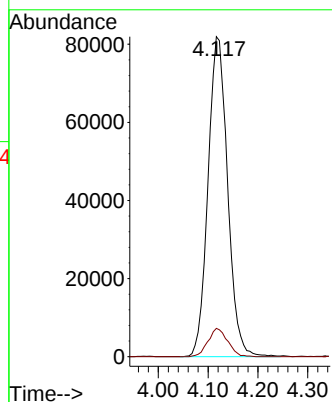
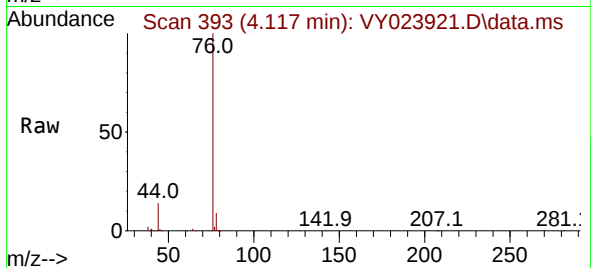




#17
Carbon Disulfide
Concen: 15.907 ug/l
RT: 4.117 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

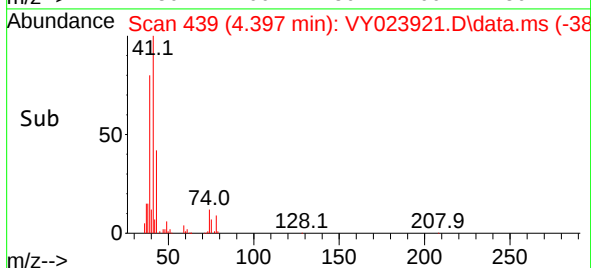
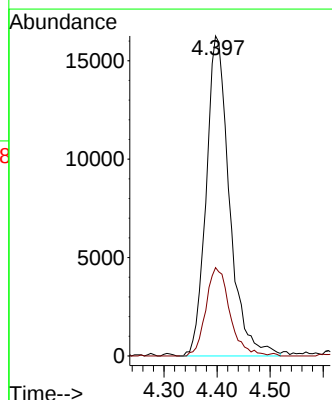
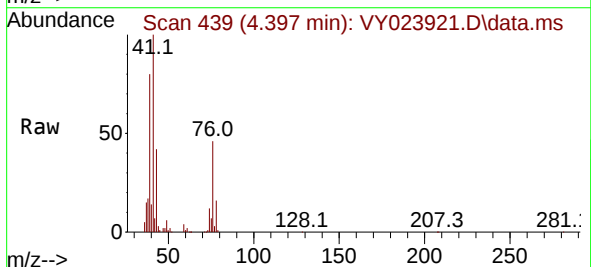
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

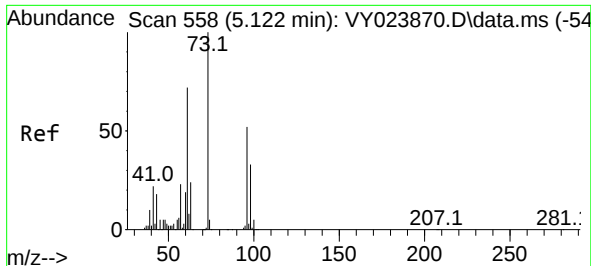
Tgt Ion: 76 Resp: 223626
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 19.711 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 43 Resp: 49500
Ion Ratio Lower Upper
43 100
74 28.3 19.6 29.4

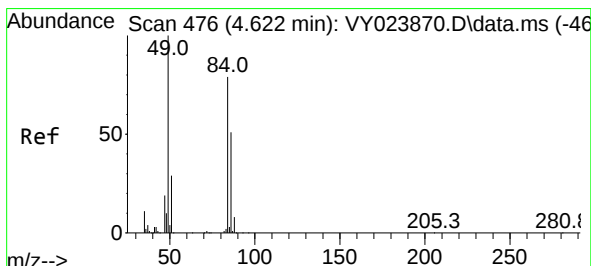
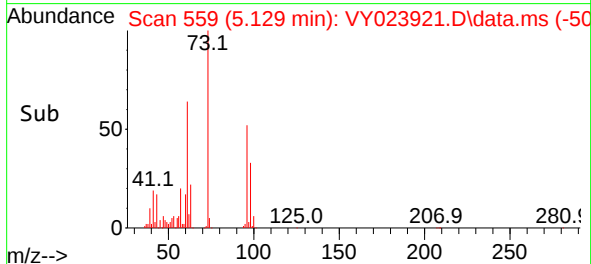
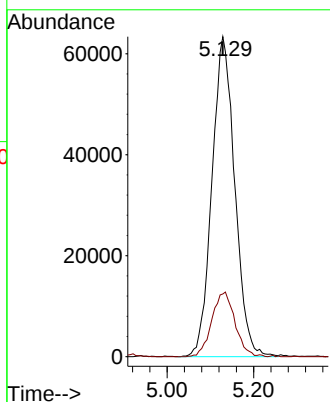
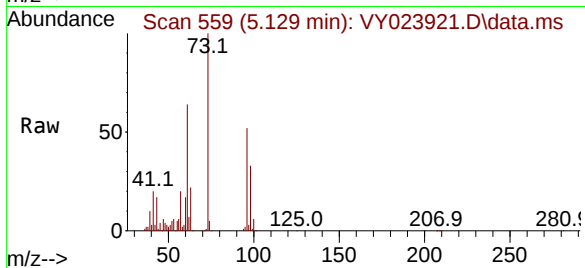




#19
Methyl tert-butyl Ether
Concen: 19.429 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

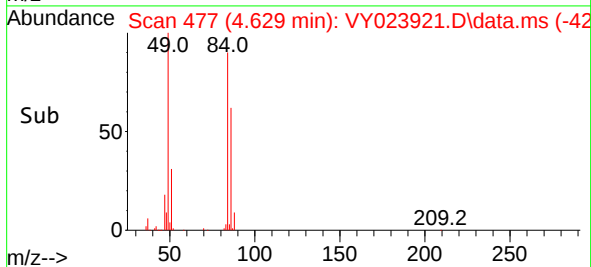
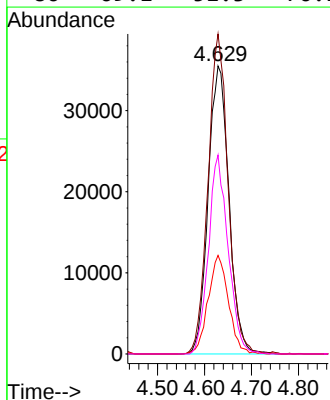
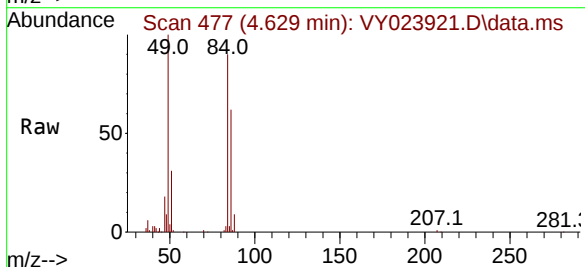
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

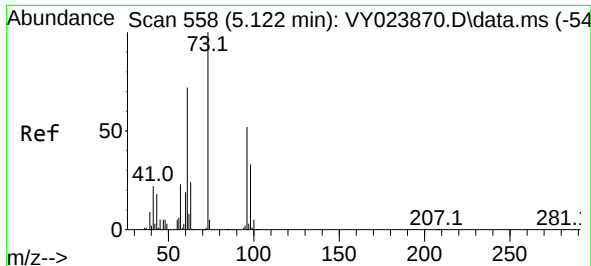
Tgt Ion: 73 Resp: 232227
Ion Ratio Lower Upper
73 100
57 19.6 18.2 27.2



#20
Methylene Chloride
Concen: 19.301 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 84 Resp: 109050
Ion Ratio Lower Upper
84 100
49 111.1 100.6 151.0
51 34.2 29.0 43.6
86 69.1 51.3 76.9

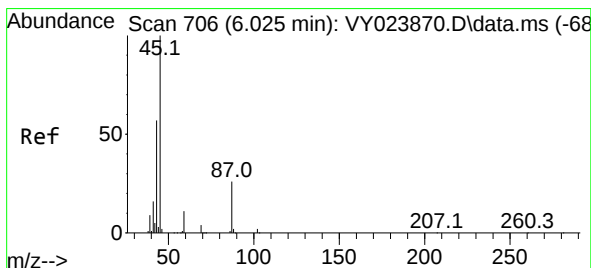
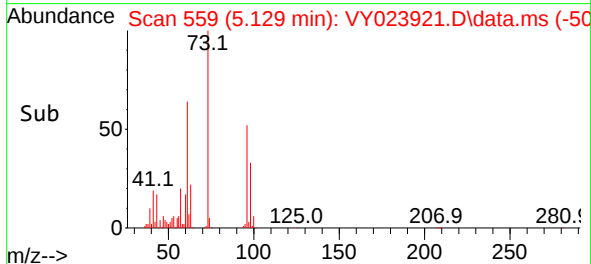
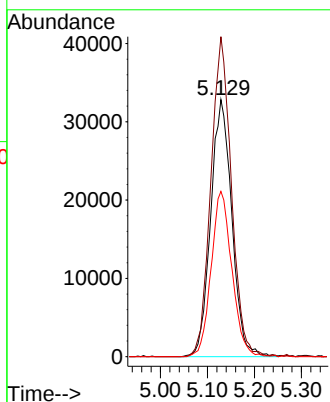
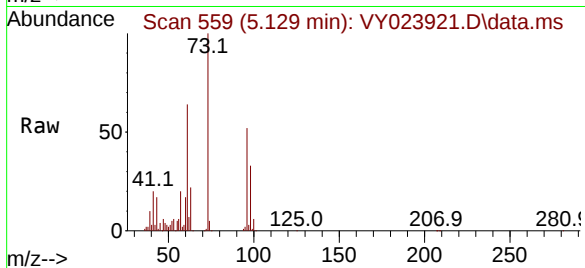




#21
trans-1,2-Dichloroethene
Concen: 19.579 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

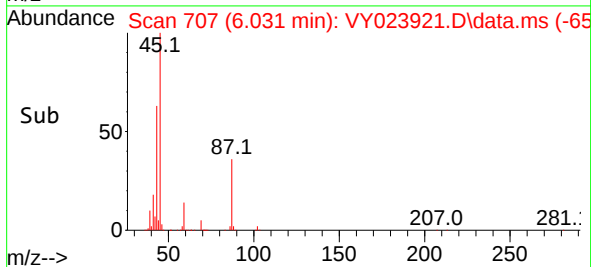
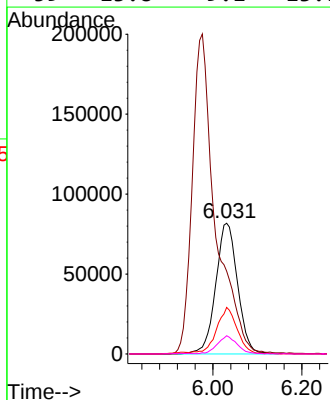
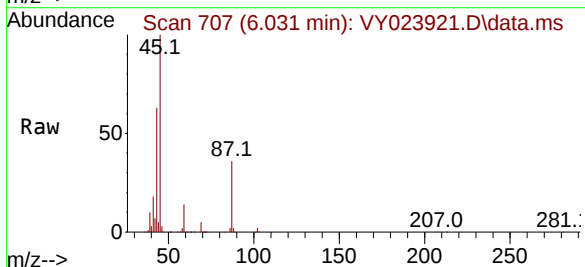
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD04

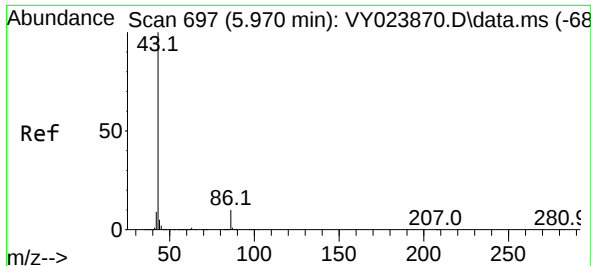
Tgt Ion: 96 Resp: 102783
Ion Ratio Lower Upper
96 100
61 124.5 111.7 167.5
98 64.3 51.5 77.3



#22
Diisopropyl ether
Concen: 16.632 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 45 Resp: 278594
Ion Ratio Lower Upper
45 100
43 62.4 45.5 68.3
87 35.5 20.7 31.1#
59 13.8 9.1 13.7#

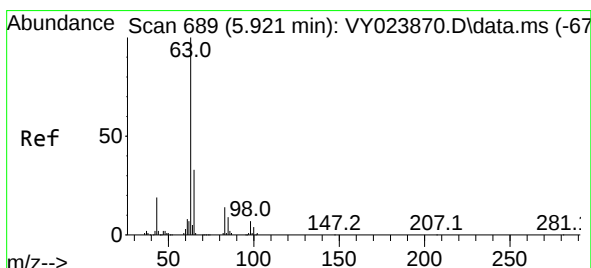
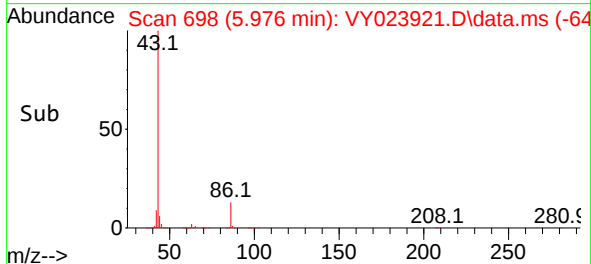
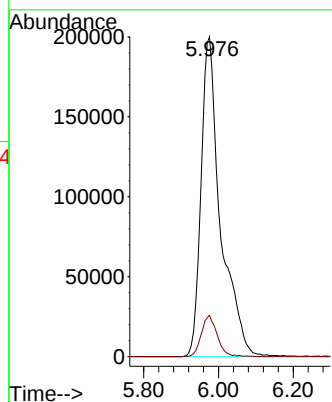
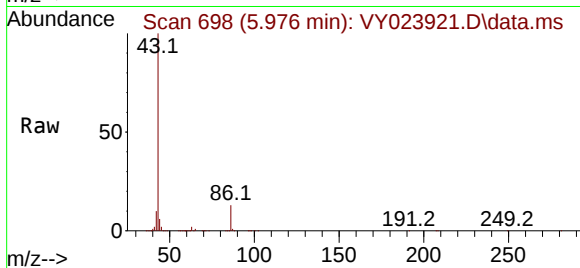




#23
 Vinyl Acetate
 Concen: 78.036 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY023921.D
 Acq: 09 Dec 2025 20:10

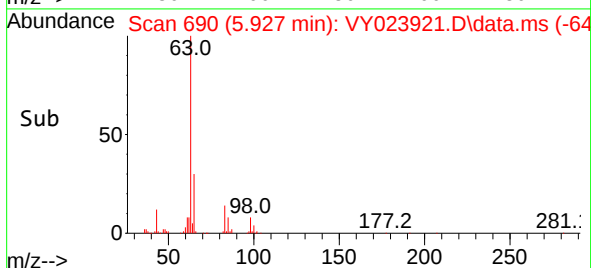
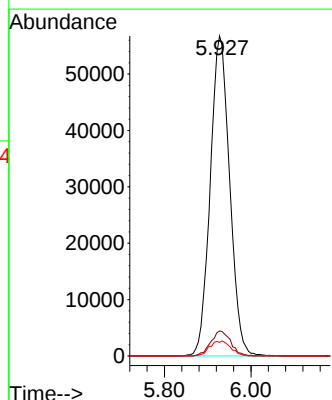
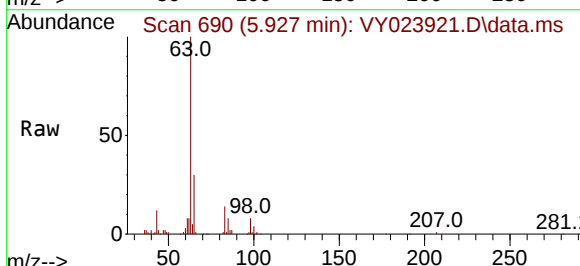
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS04

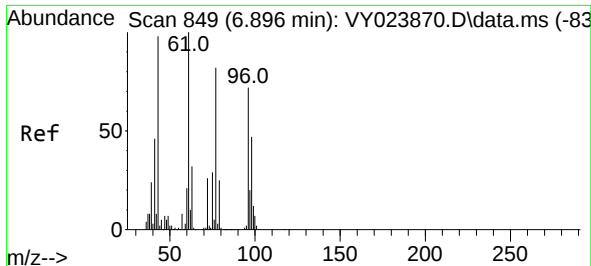
Tgt Ion: 43 Resp: 724563
 Ion Ratio Lower Upper
 43 100
 86 13.0 8.2 12.4#



#24
 1,1-Dichloroethane
 Concen: 18.277 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY023921.D
 Acq: 09 Dec 2025 20:10

Tgt Ion: 63 Resp: 176891
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.4 10.1
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 77.554 ug/l

RT: 6.903 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

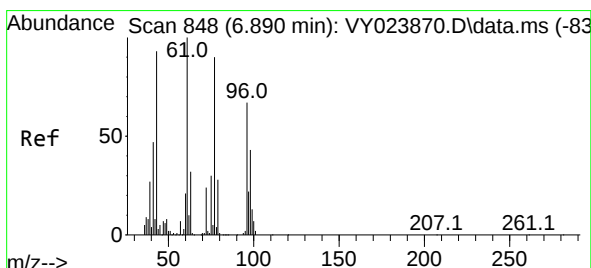
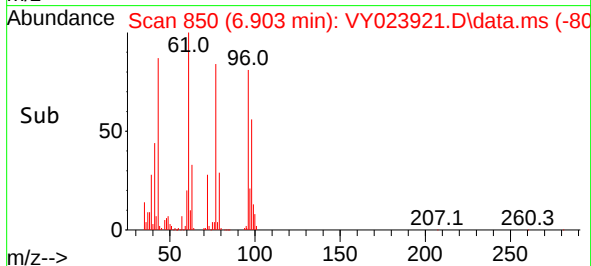
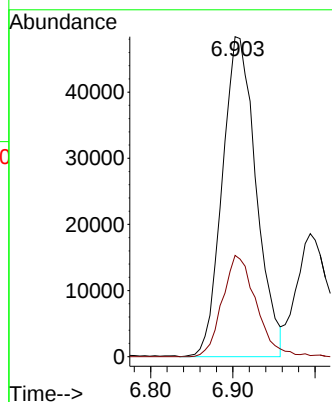
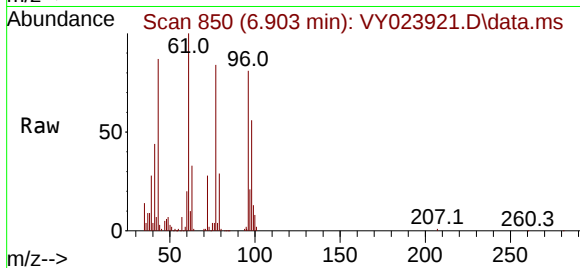
VY1209SBS04

Tgt Ion: 43 Resp: 138421

Ion Ratio Lower Upper

43 100

72 31.7 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 17.648 ug/l

RT: 6.897 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023921.D

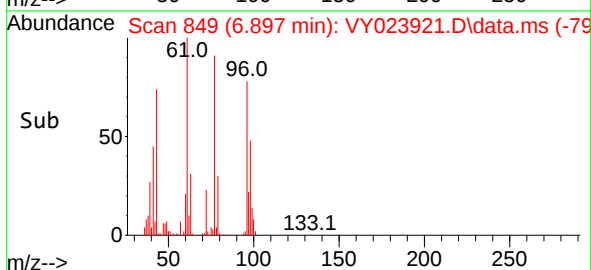
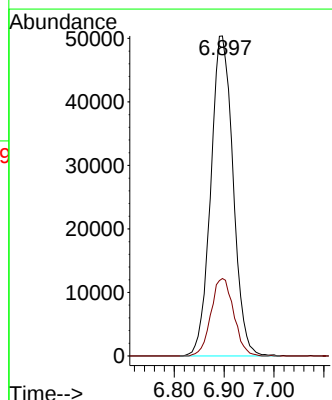
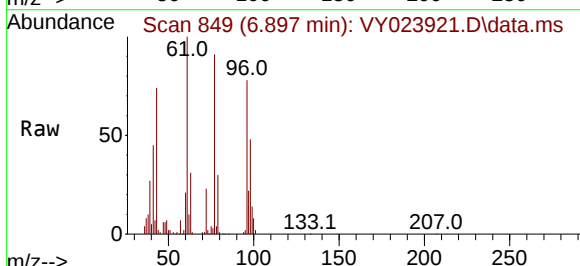
Acq: 09 Dec 2025 20:10

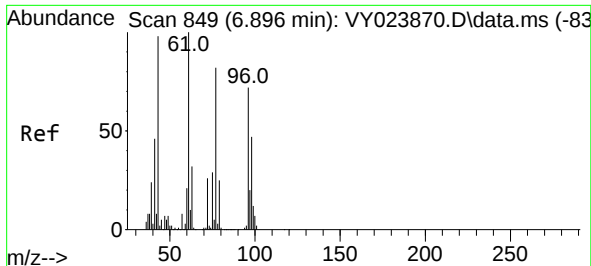
Tgt Ion: 77 Resp: 156543

Ion Ratio Lower Upper

77 100

97 24.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.430 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS04

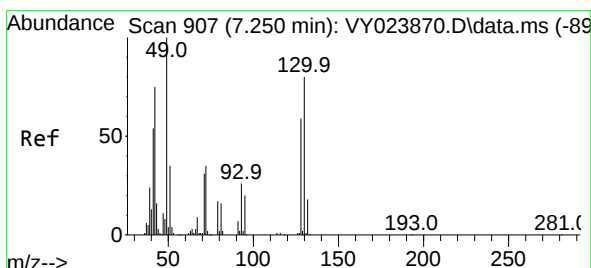
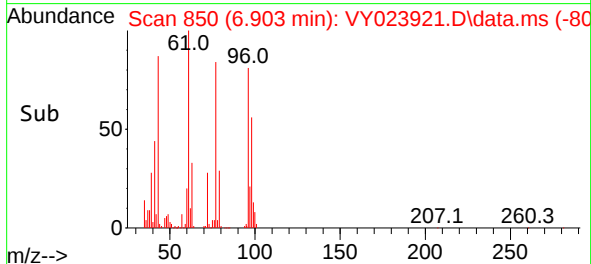
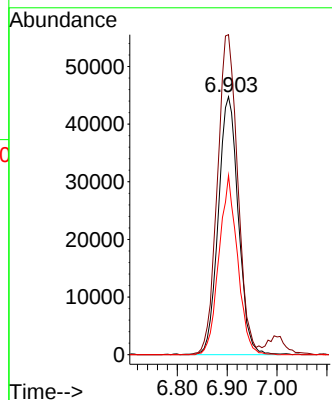
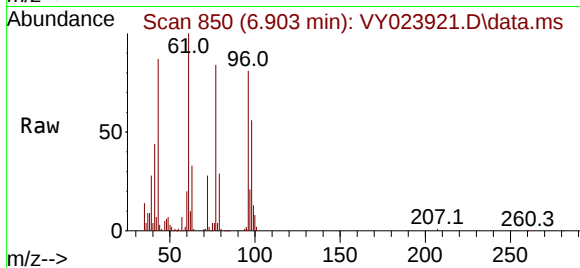
Tgt Ion: 96 Resp: 124541

Ion Ratio Lower Upper

96 100

61 126.7 0.0 292.8

98 64.6 0.0 128.4



#28

Bromochloromethane

Concen: 12.659 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

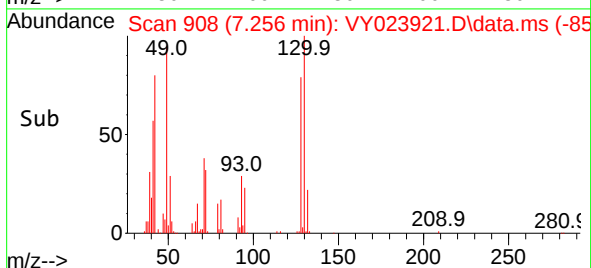
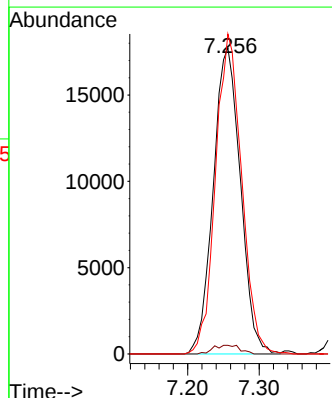
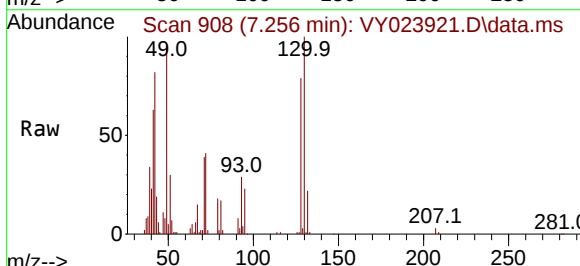
Tgt Ion: 49 Resp: 46813

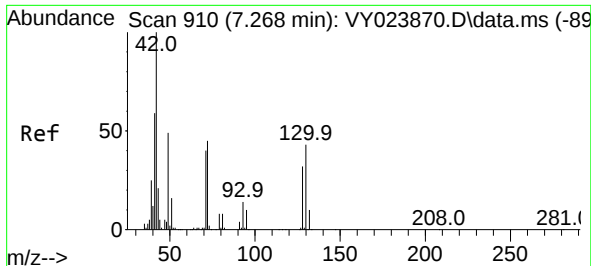
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.2

130 100.4 61.0 91.6#





#29

Tetrahydrofuran

Concen: 77.327 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS04

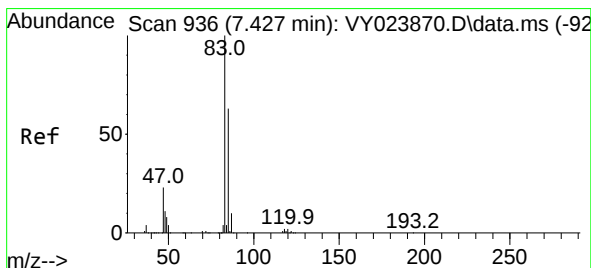
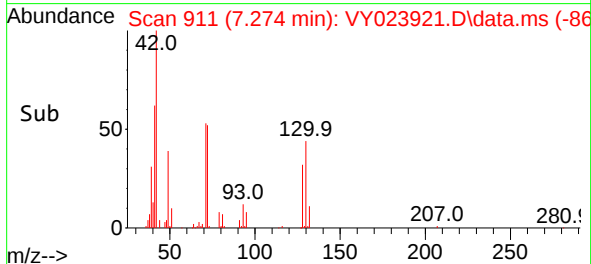
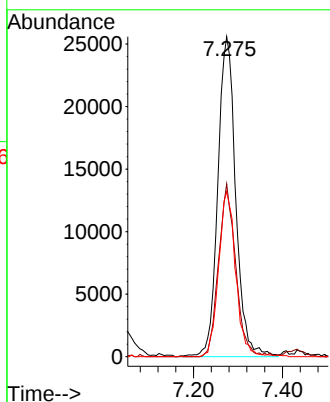
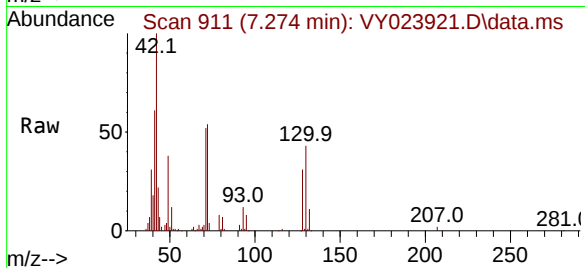
Tgt Ion: 42 Resp: 71378

Ion Ratio Lower Upper

42 100

72 51.4 35.6 53.4

71 49.2 32.5 48.7#



#30

Chloroform

Concen: 20.029 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY023921.D

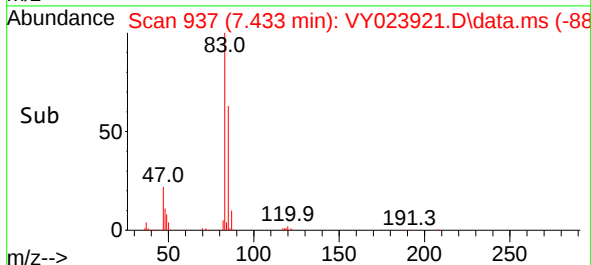
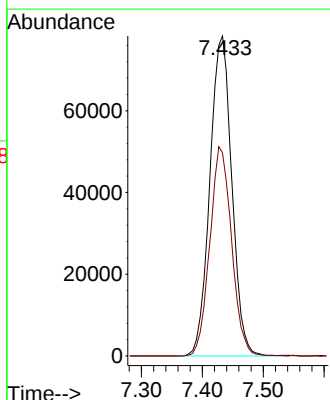
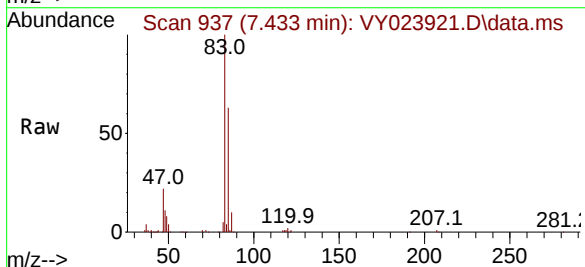
Acq: 09 Dec 2025 20:10

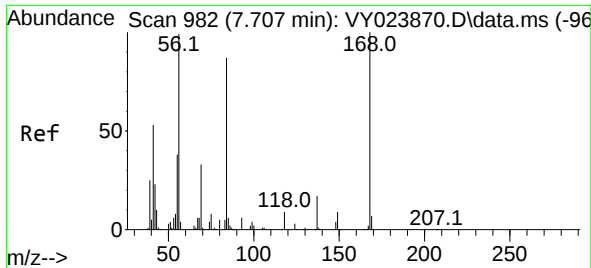
Tgt Ion: 83 Resp: 195875

Ion Ratio Lower Upper

83 100

85 63.4 50.6 76.0

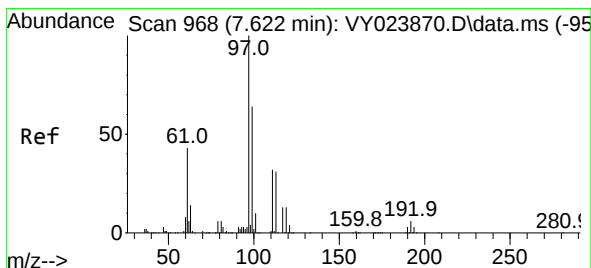
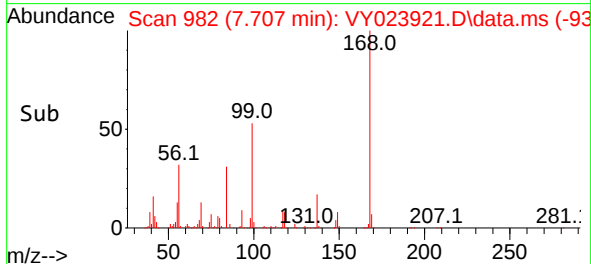
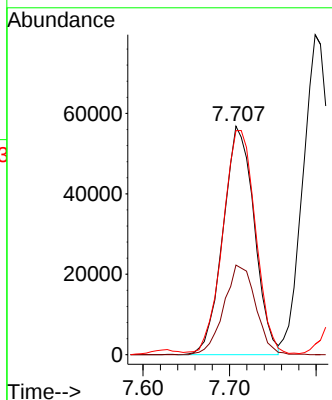
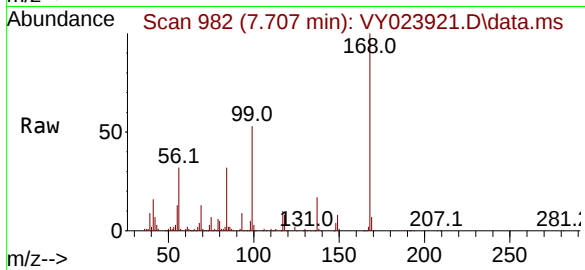




#31
Cyclohexane
Concen: 15.386 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

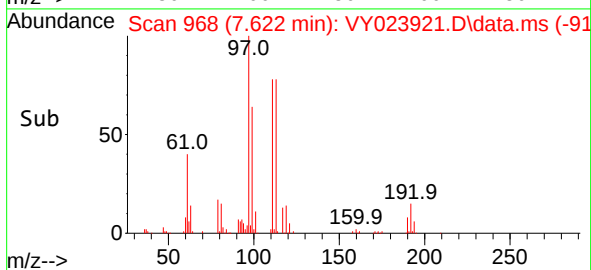
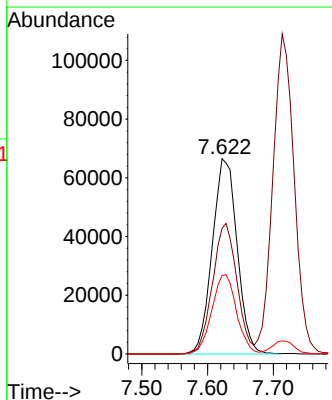
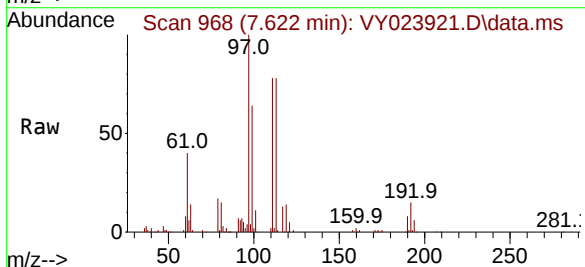
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD04

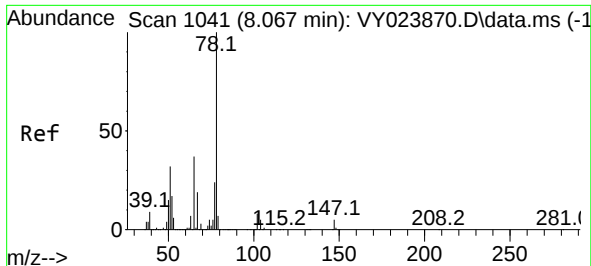
Tgt Ion: 56 Resp: 142378
Ion Ratio Lower Upper
56 100
69 39.2 26.8 40.2
84 96.6 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 19.818 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 97 Resp: 174956
Ion Ratio Lower Upper
97 100
99 65.6 51.2 76.8
61 40.4 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 58.710 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

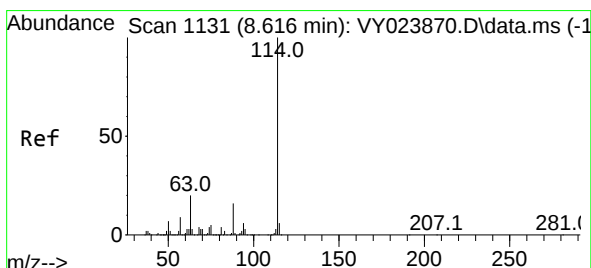
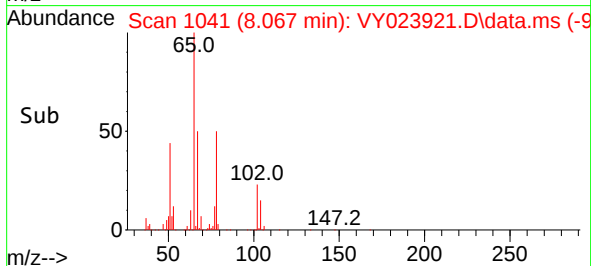
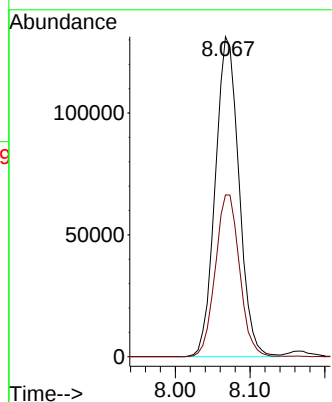
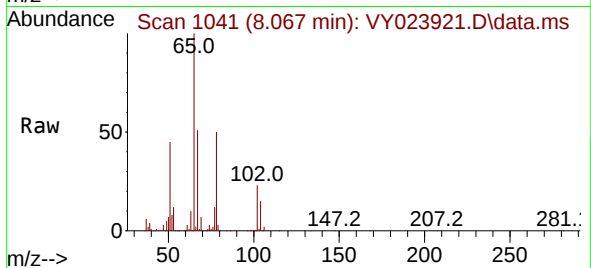
VY1209SBS04

Tgt Ion: 65 Resp: 290083

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

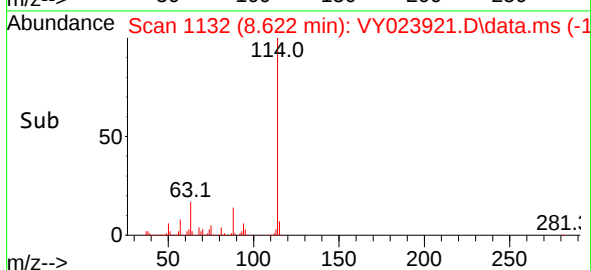
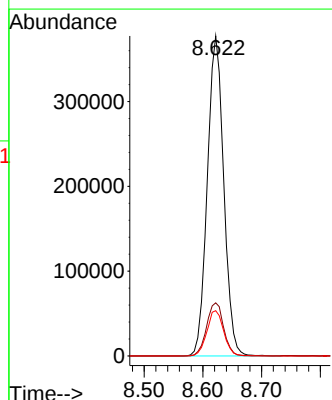
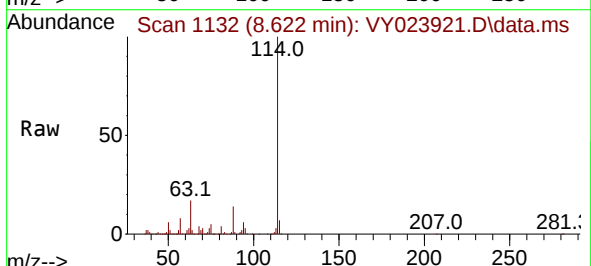
Tgt Ion:114 Resp: 732445

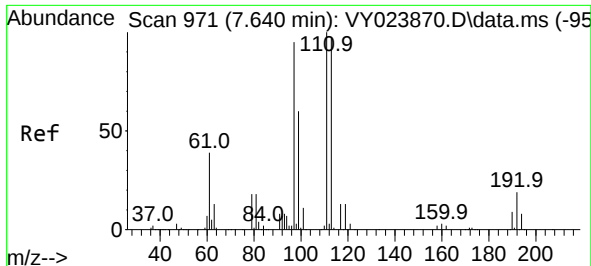
Ion Ratio Lower Upper

114 100

63 16.6 0.0 39.2

88 14.2 0.0 31.4

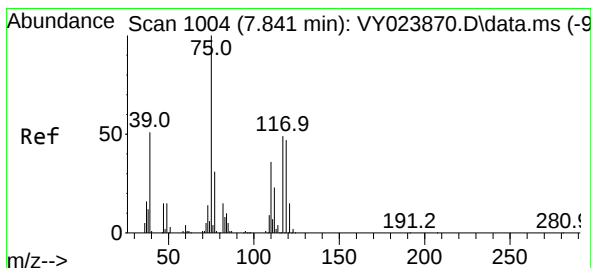
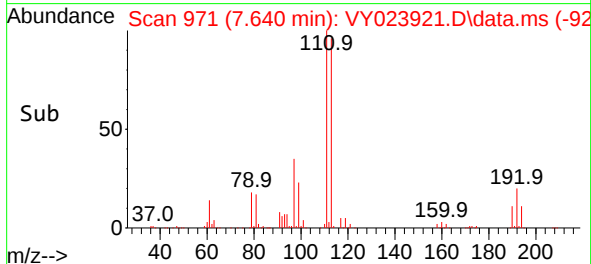
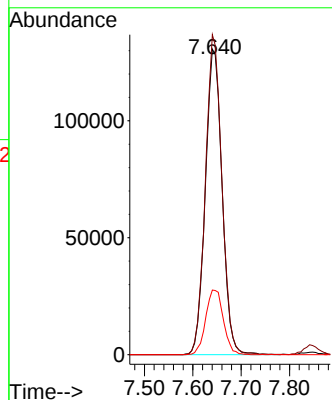
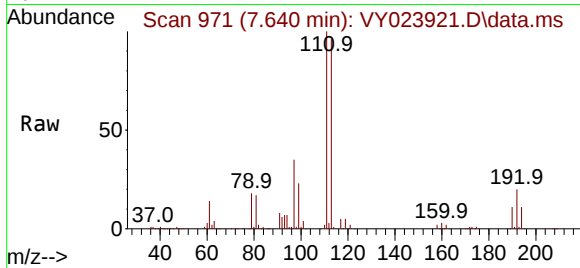




#35
Dibromofluoromethane
Concen: 66.993 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

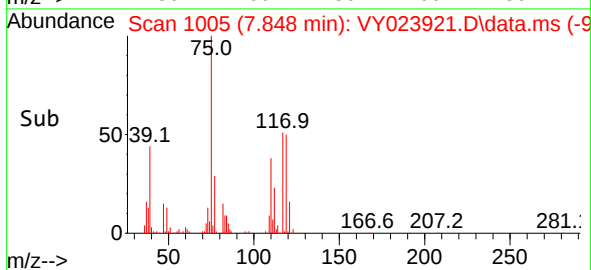
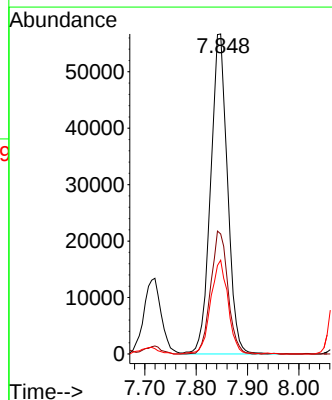
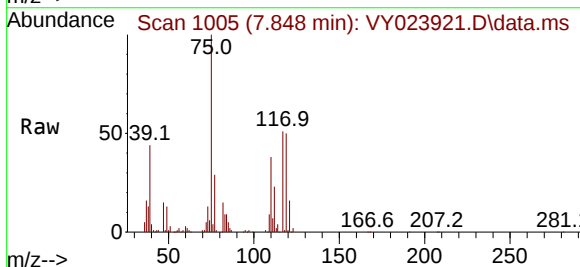
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

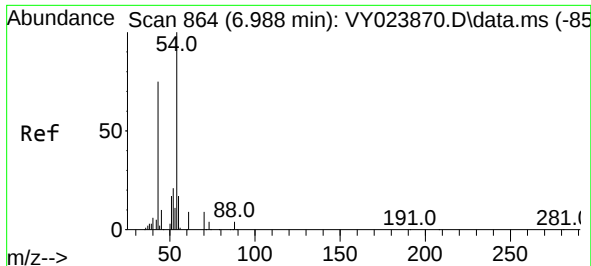
Tgt Ion:113 Resp: 314712
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 22.3 15.8 23.8



#36
1,1-Dichloropropene
Concen: 18.662 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 75 Resp: 129270
Ion Ratio Lower Upper
75 100
110 39.1 17.6 52.9
77 30.2 24.6 37.0

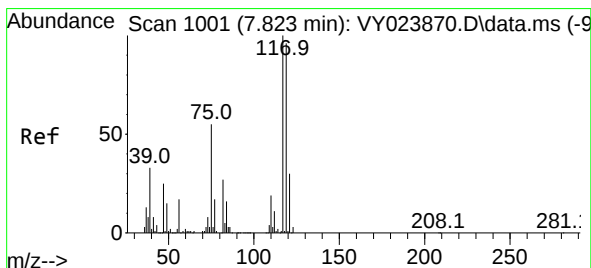
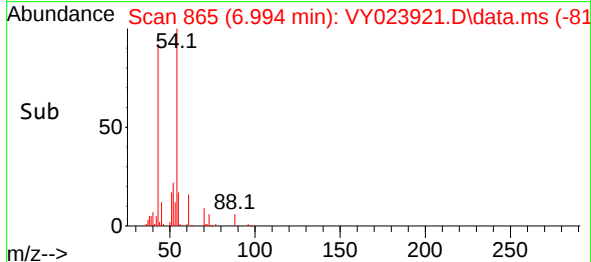
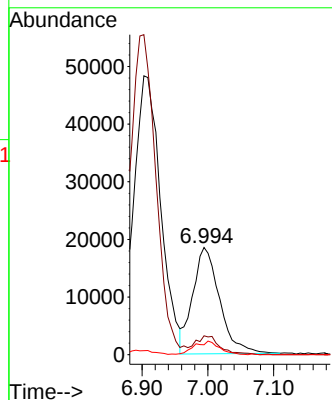
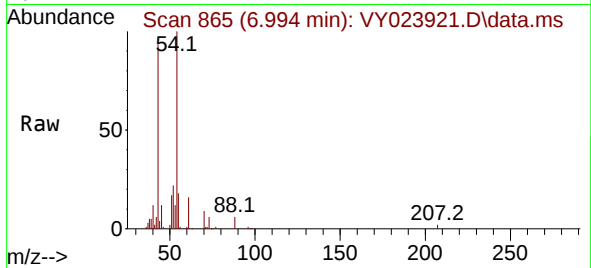




#37
Ethyl Acetate
Concen: 16.403 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

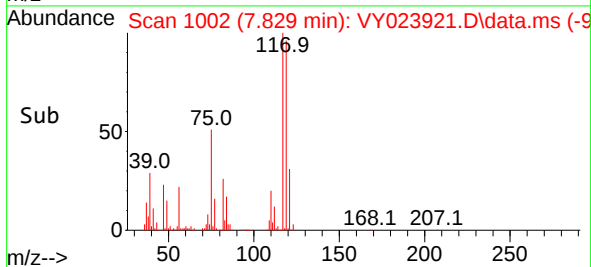
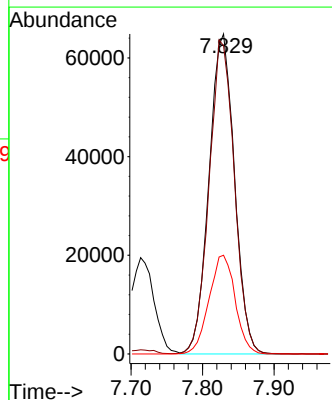
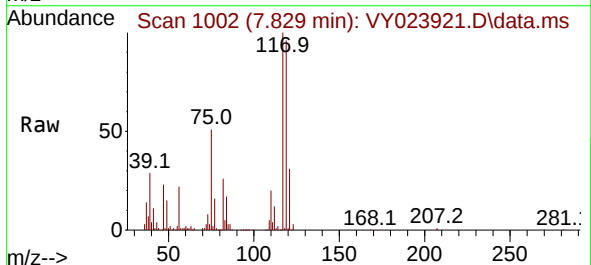
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD04

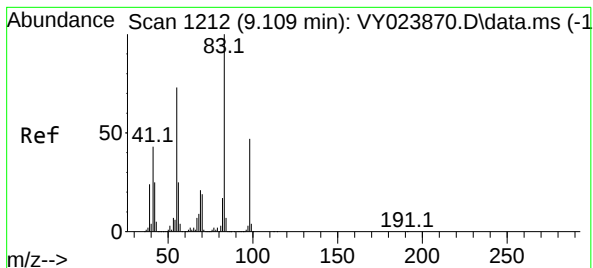
Tgt Ion: 43 Resp: 52469
Ion Ratio Lower Upper
43 100
61 15.8 11.0 16.4
70 11.8 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.998 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 117 Resp: 160531
Ion Ratio Lower Upper
117 100
119 96.2 77.0 115.6
121 30.9 23.9 35.9





#39

Methylcyclohexane

Concen: 18.371 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS04

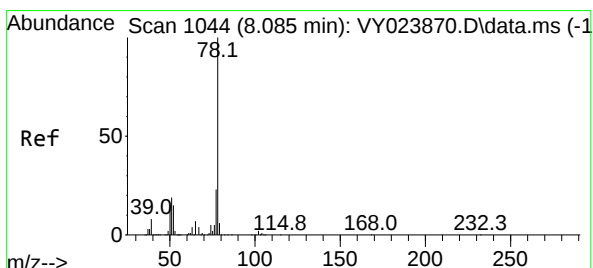
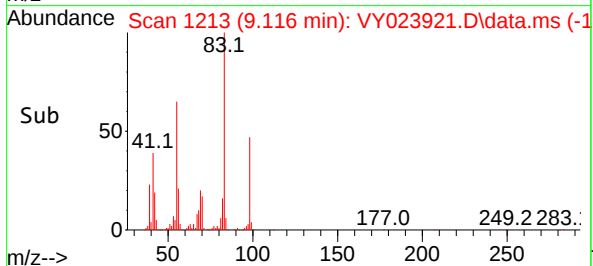
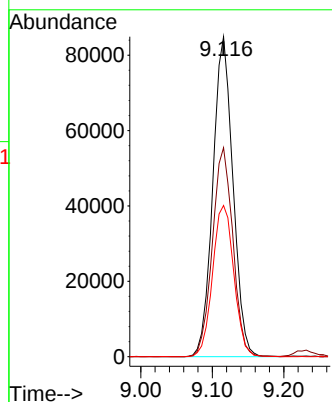
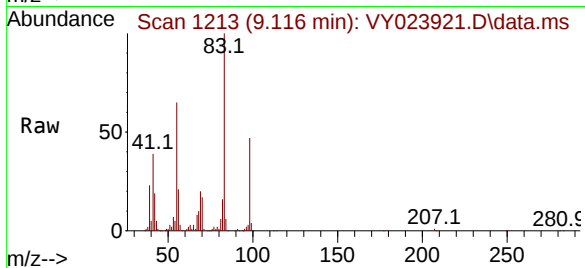
Tgt Ion: 83 Resp: 165647

Ion Ratio Lower Upper

83 100

55 65.3 58.8 88.2

98 47.2 37.8 56.6



#40

Benzene

Concen: 19.627 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY023921.D

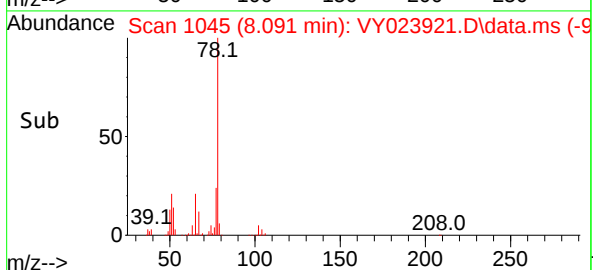
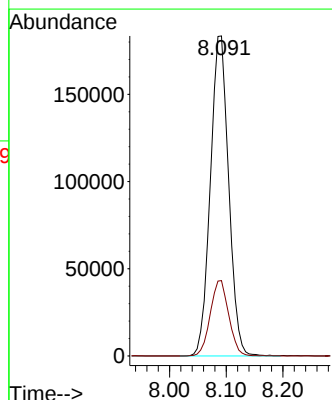
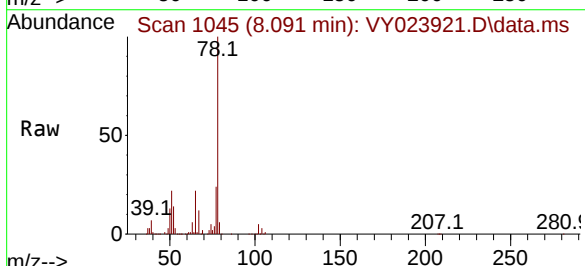
Acq: 09 Dec 2025 20:10

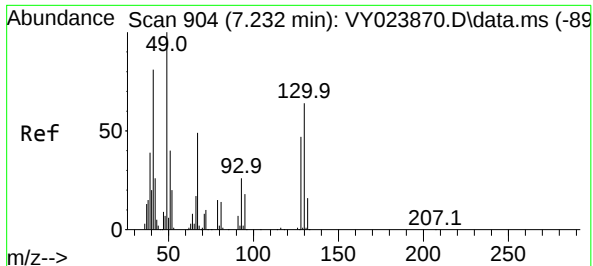
Tgt Ion: 78 Resp: 410940

Ion Ratio Lower Upper

78 100

77 23.5 18.6 28.0

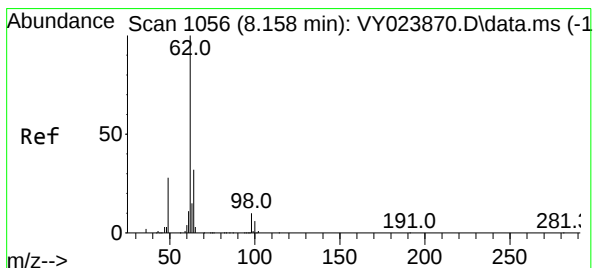
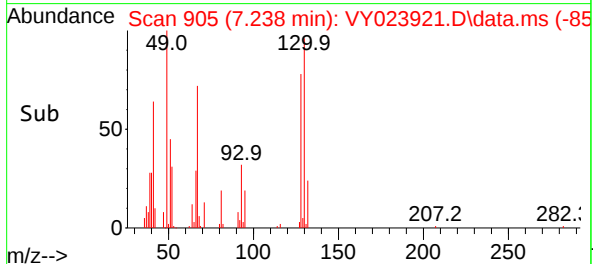
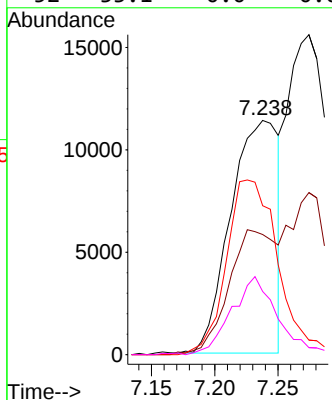
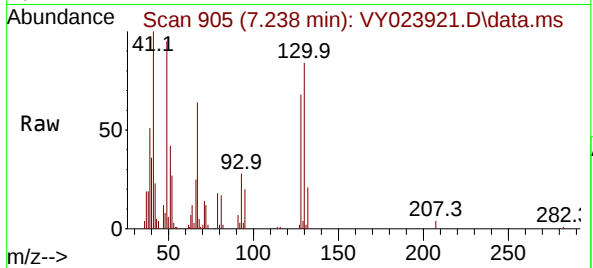




#41
Methacrylonitrile
Concen: 18.053 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

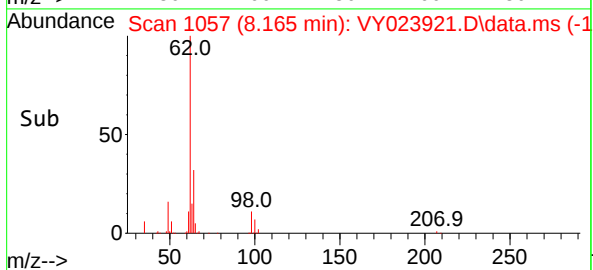
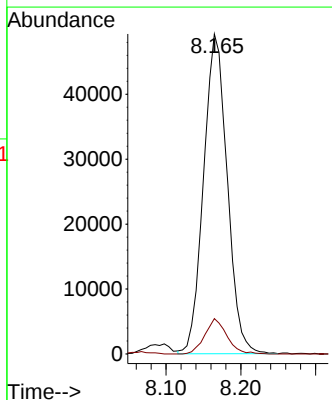
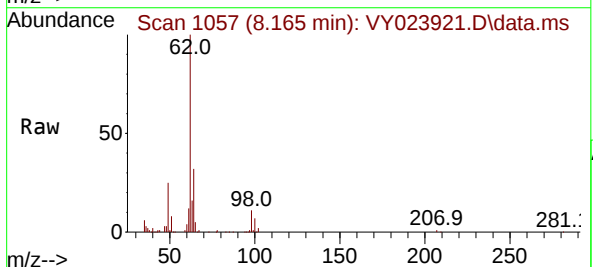
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

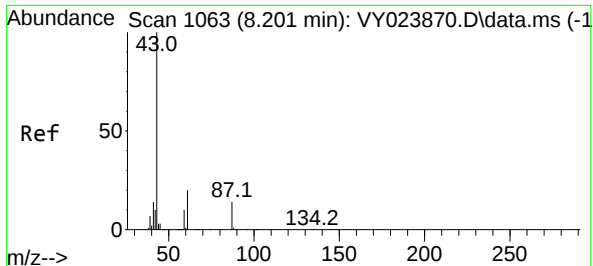
Tgt Ion: 41 Resp: 29766
Ion Ratio Lower Upper
41 100
39 53.7 49.4 74.2
67 82.2 0.0 0.0#
52 33.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.868 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 62 Resp: 108550
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.2





#43

Isopropyl Acetate

Concen: 16.523 ug/l

RT: 8.207 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBSD04

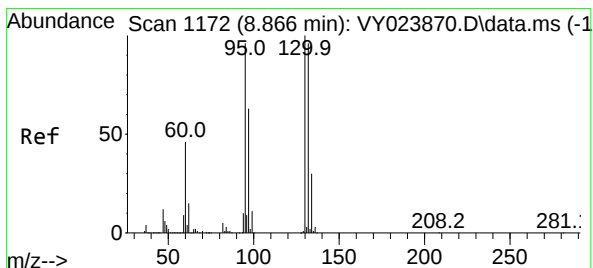
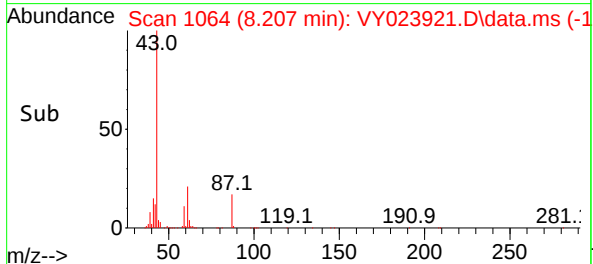
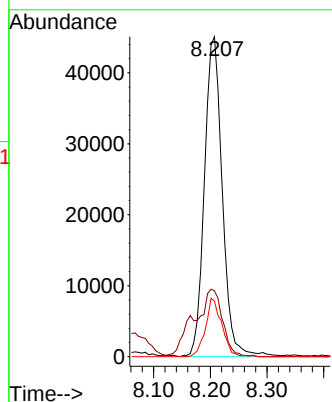
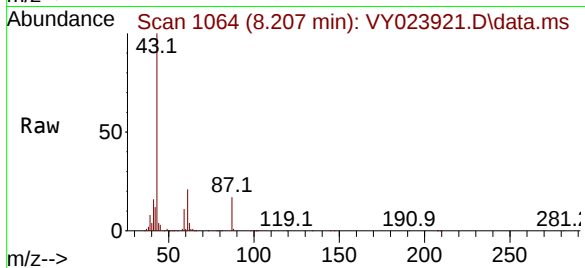
Tgt Ion: 43 Resp: 98885

Ion Ratio Lower Upper

43 100

61 23.1 24.2 36.4#

87 16.8 11.0 16.4#



#44

Trichloroethene

Concen: 22.520 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY023921.D

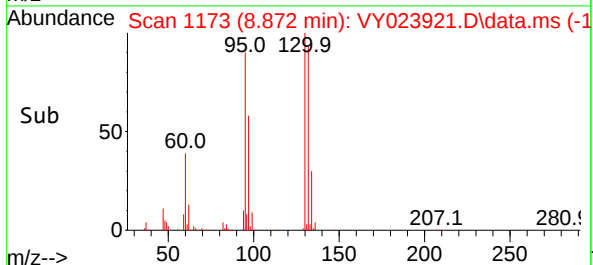
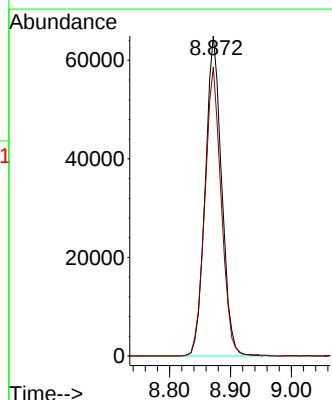
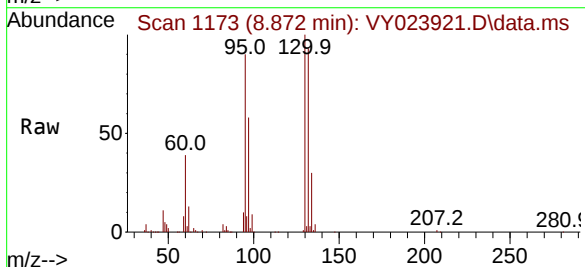
Acq: 09 Dec 2025 20:10

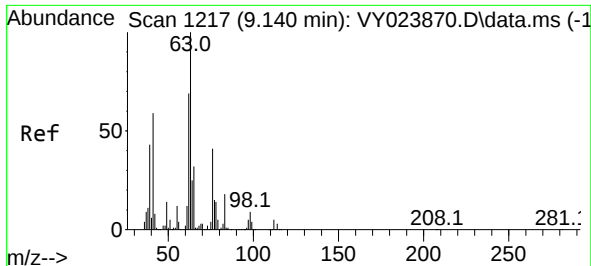
Tgt Ion:130 Resp: 121324

Ion Ratio Lower Upper

130 100

95 90.3 0.0 192.4





#45

1,2-Dichloropropane

Concen: 18.814 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

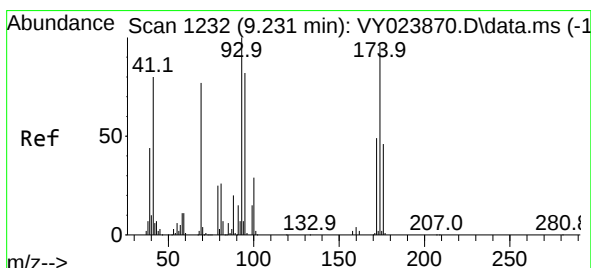
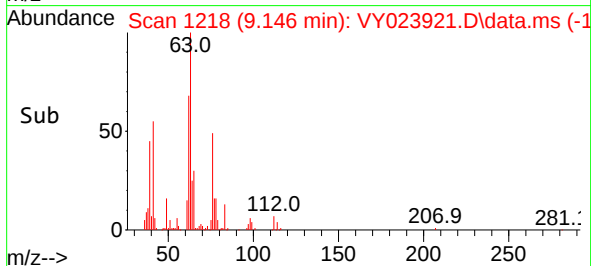
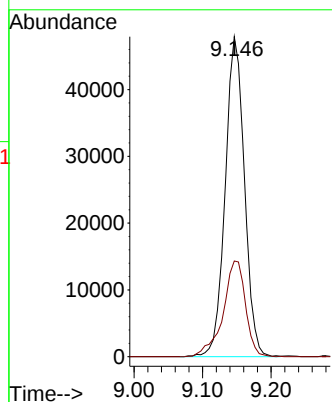
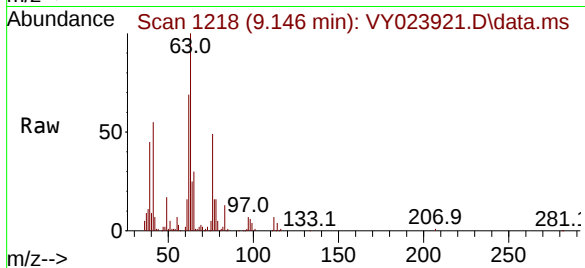
VY1209SBS04

Tgt Ion: 63 Resp: 93270

Ion Ratio Lower Upper

63 100

65 29.9 25.6 38.4



#46

Dibromomethane

Concen: 20.718 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

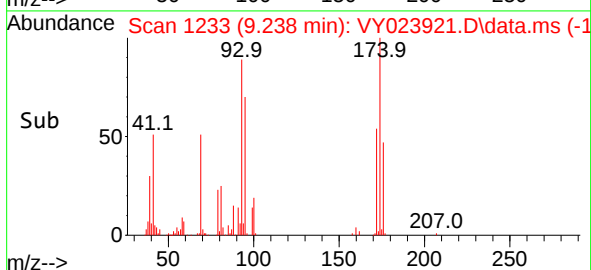
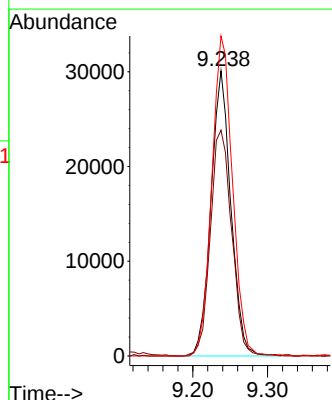
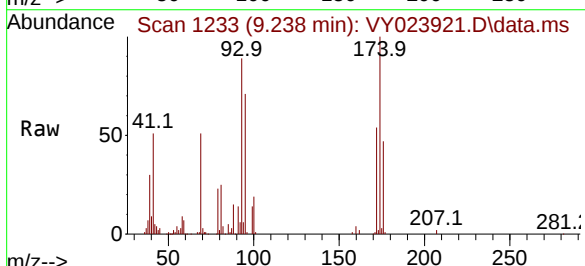
Tgt Ion: 93 Resp: 55606

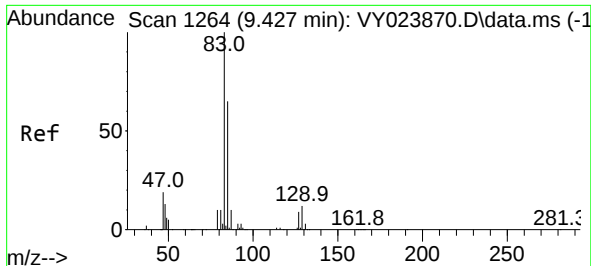
Ion Ratio Lower Upper

93 100

95 85.2 66.4 99.6

174 117.2 81.4 122.0

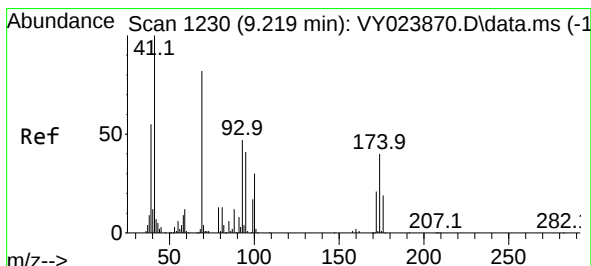
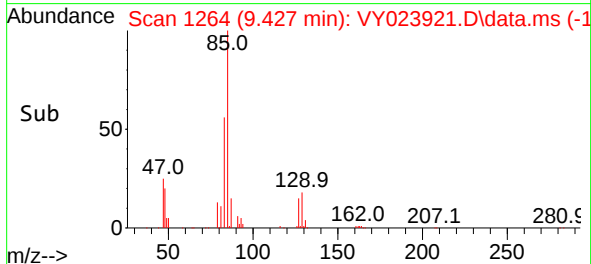
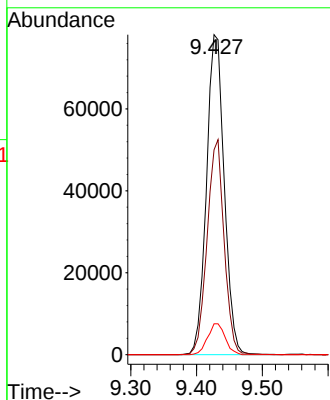
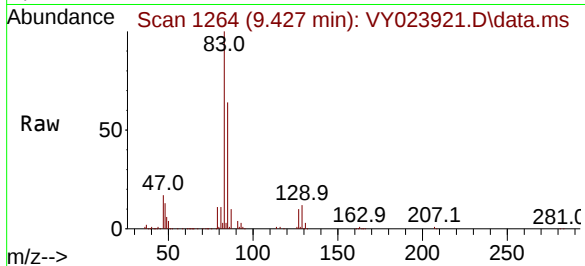




#47
Bromodichloromethane
Concen: 20.723 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

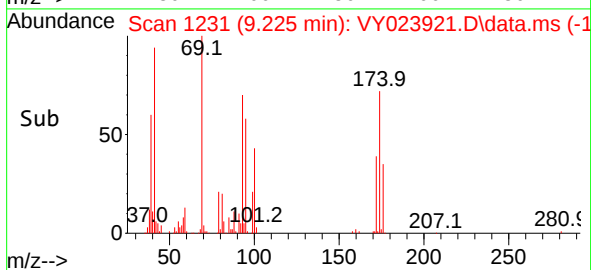
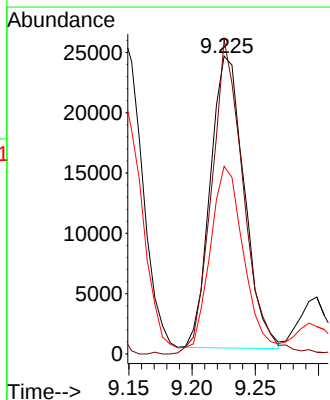
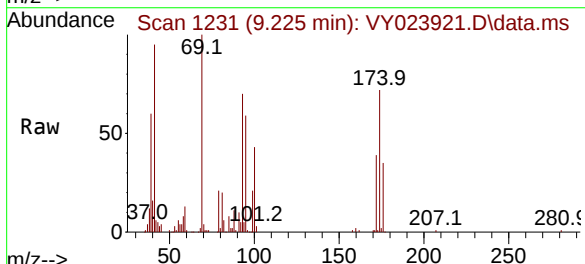
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

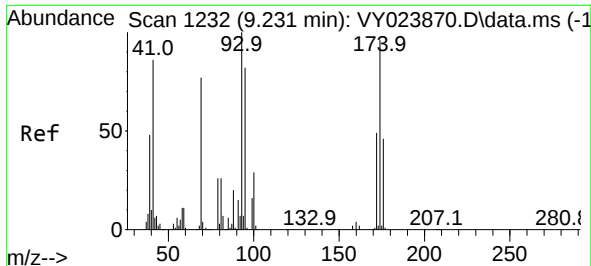
Tgt Ion: 83 Resp: 146740
Ion Ratio Lower Upper
83 100
85 64.0 51.6 77.4
127 9.6 7.2 10.8



#48
Methyl methacrylate
Concen: 16.176 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 41 Resp: 45227
Ion Ratio Lower Upper
41 100
69 101.6 67.7 101.5#
39 59.9 43.4 65.0





#49

1,4-Dioxane

Concen: 408.406 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS04

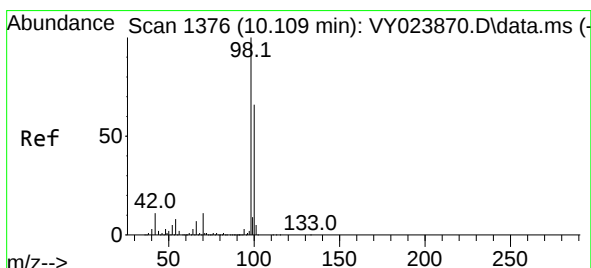
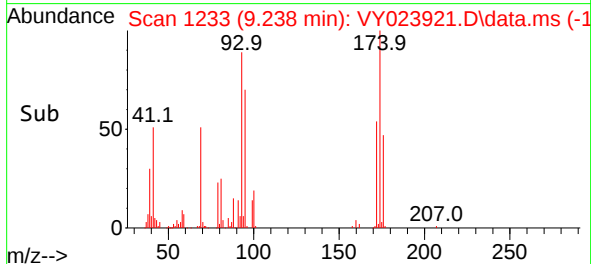
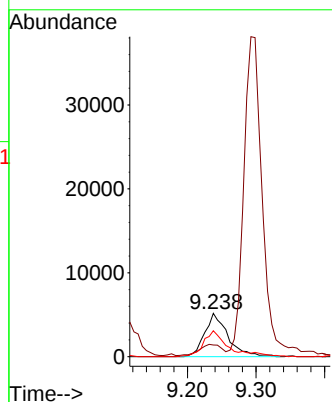
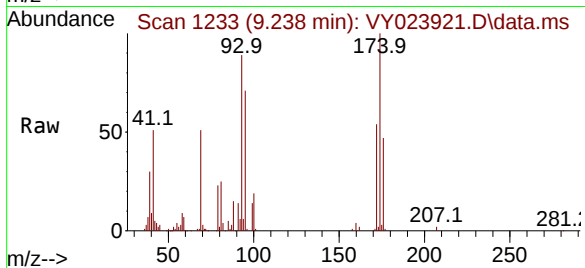
Tgt Ion: 88 Resp: 12188

Ion Ratio Lower Upper

88 100

43 24.9 26.8 40.2#

58 64.3 52.4 78.6



#50

Toluene-d8

Concen: 63.466 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023921.D

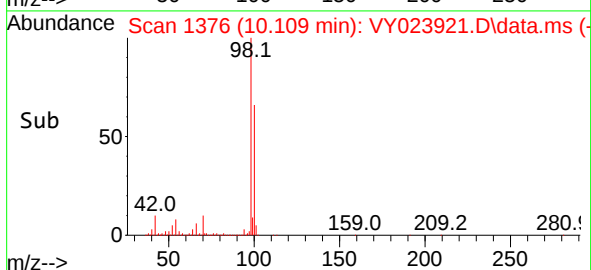
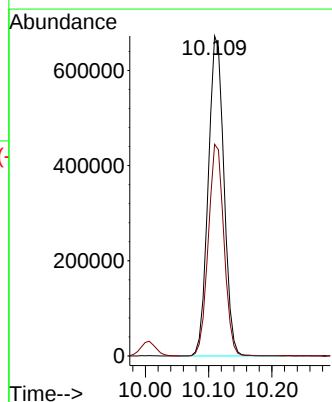
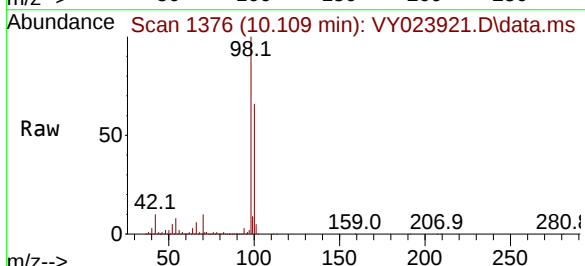
Acq: 09 Dec 2025 20:10

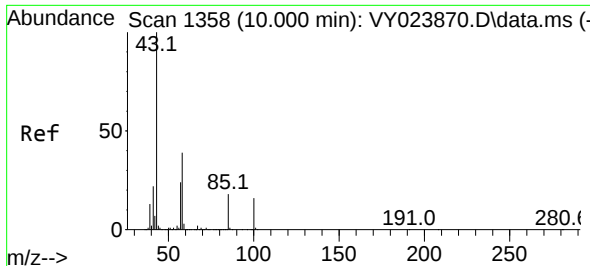
Tgt Ion: 98 Resp: 1160201

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7

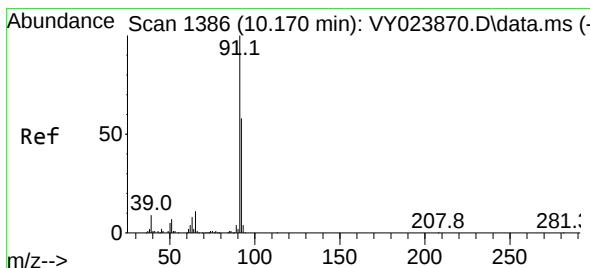
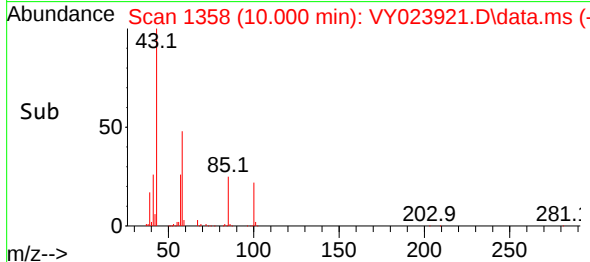
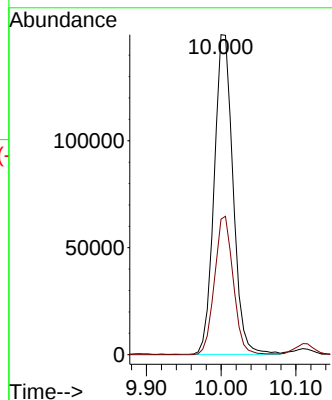
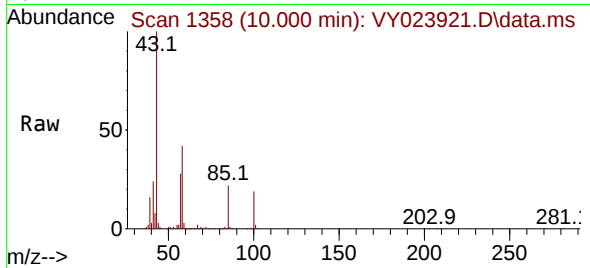




#51
4-Methyl-2-Pentanone
Concen: 83.305 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

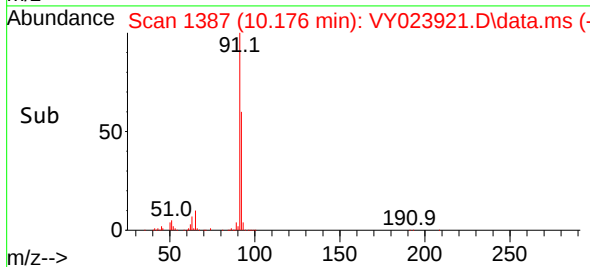
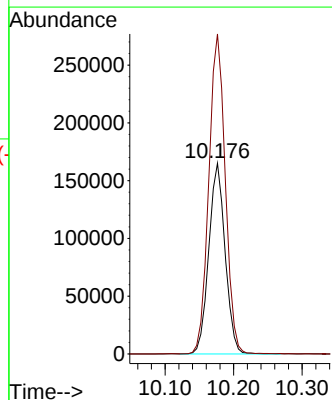
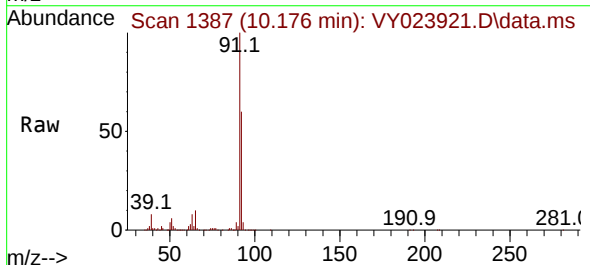
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

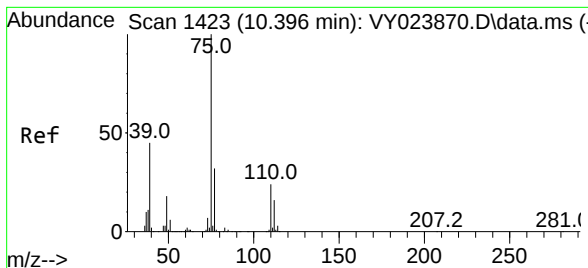
Tgt Ion: 43 Resp: 262158
Ion Ratio Lower Upper
43 100
58 43.1 31.8 47.8



#52
Toluene
Concen: 20.867 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 92 Resp: 273602
Ion Ratio Lower Upper
92 100
91 169.6 137.3 205.9

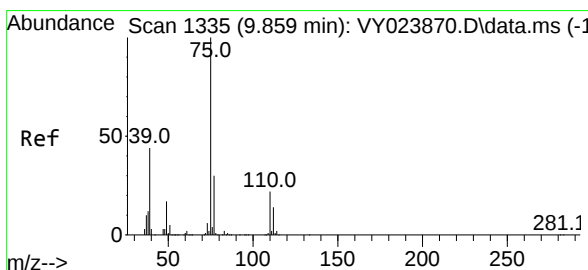
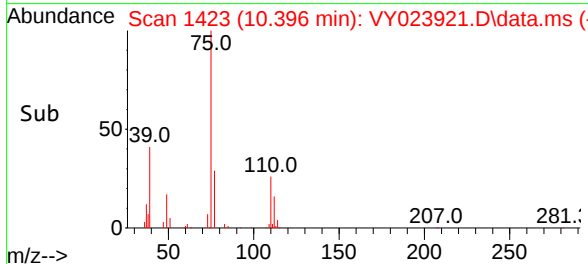
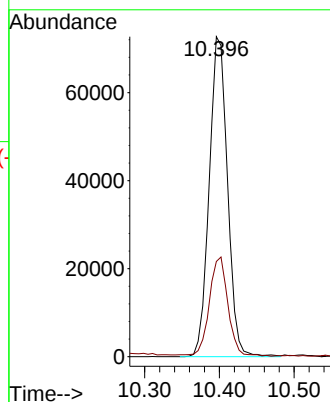
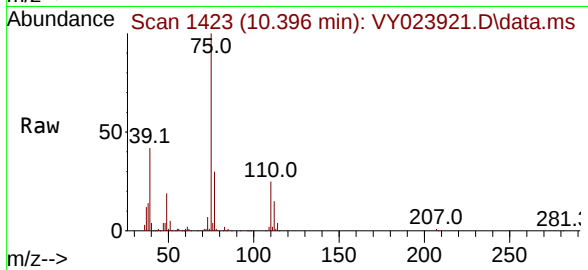




#53
 t-1,3-Dichloropropene
 Concen: 19.338 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023921.D
 Acq: 09 Dec 2025 20:10

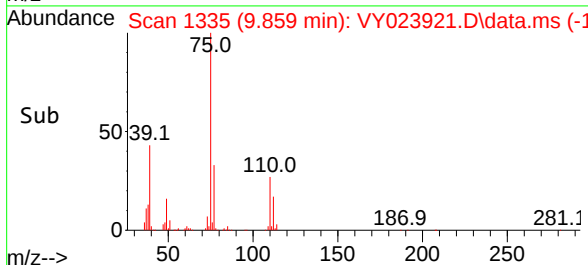
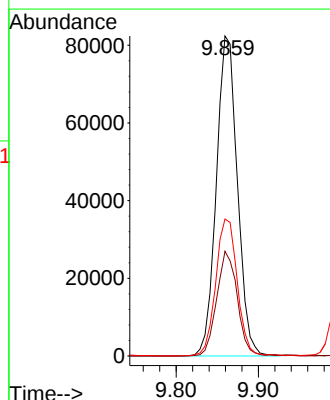
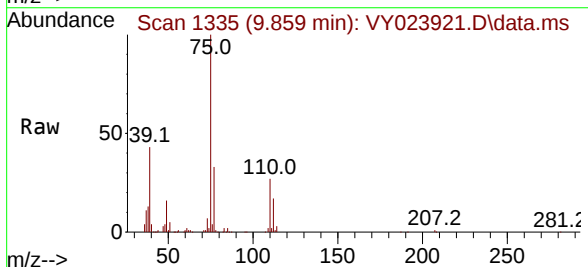
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS04

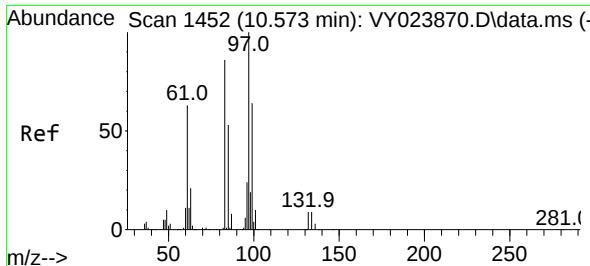
Tgt Ion: 75 Resp: 123589
 Ion Ratio Lower Upper
 75 100
 77 29.5 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.501 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY023921.D
 Acq: 09 Dec 2025 20:10

Tgt Ion: 75 Resp: 146757
 Ion Ratio Lower Upper
 75 100
 77 32.7 23.8 35.6
 39 42.8 35.5 53.3

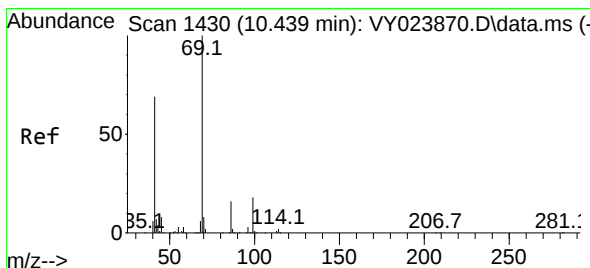
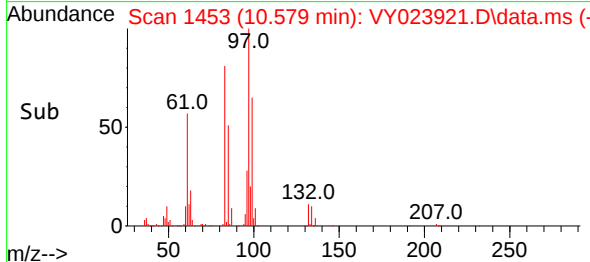
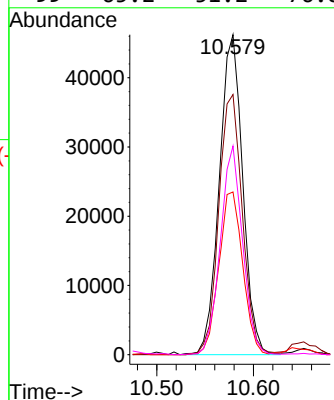
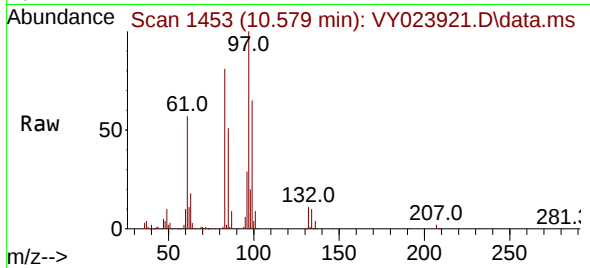




#55
1,1,2-Trichloroethane
Concen: 21.415 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

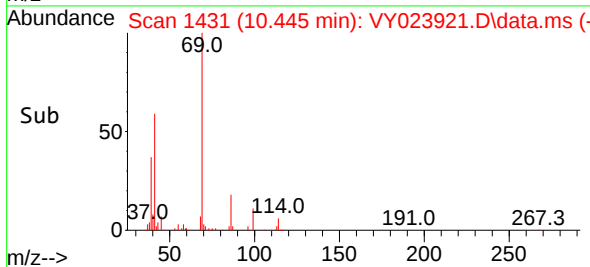
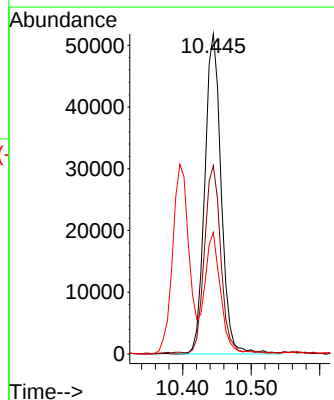
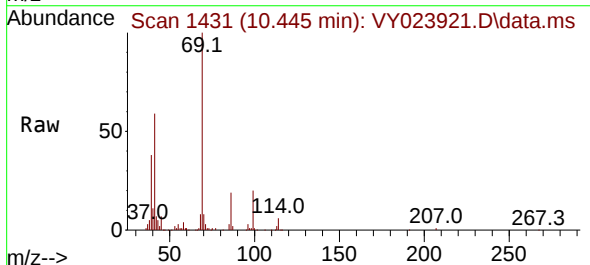
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

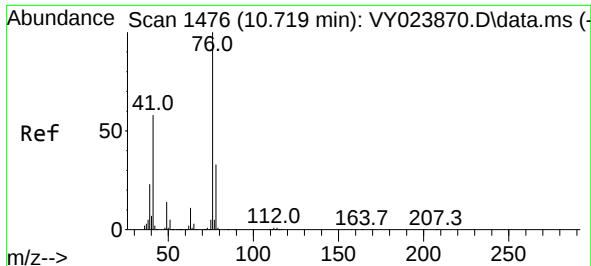
Tgt Ion: 97	Resp: 77588
Ion Ratio	Lower Upper
97 100	
83 81.3	69.0 103.4
85 50.8	42.6 63.8
99 65.2	51.2 76.8



#56
Ethyl methacrylate
Concen: 19.103 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 69	Resp: 86243
Ion Ratio	Lower Upper
69 100	
41 58.2	52.5 78.7
39 36.3	27.1 40.7





#57

1,3-Dichloropropane

Concen: 19.558 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

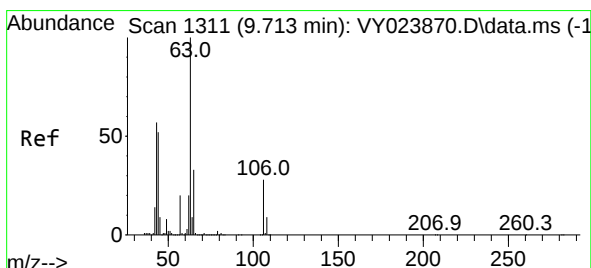
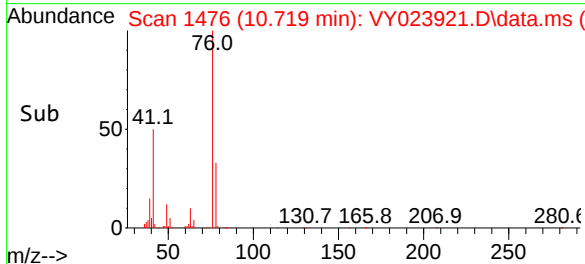
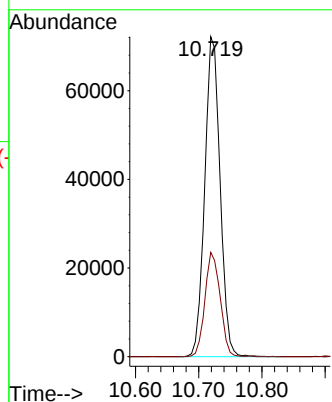
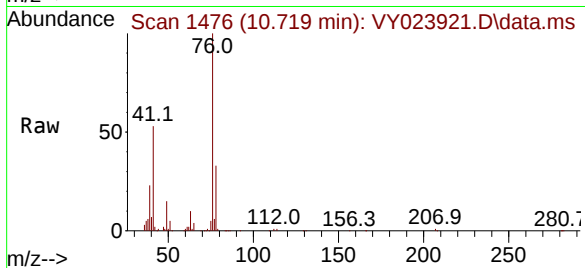
VY1209SBSD04

Tgt Ion: 76 Resp: 122048

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 78.139 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY023921.D

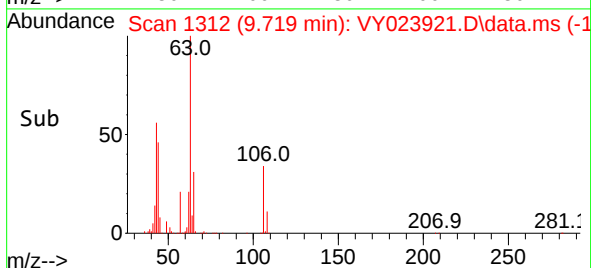
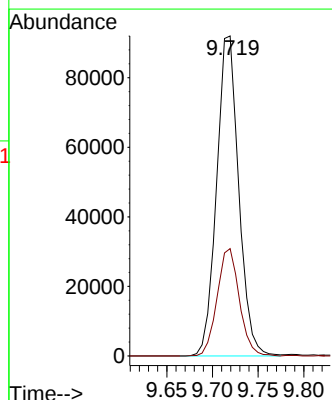
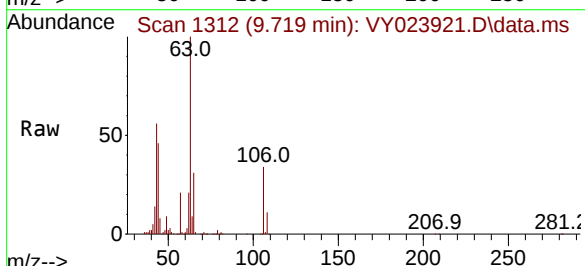
Acq: 09 Dec 2025 20:10

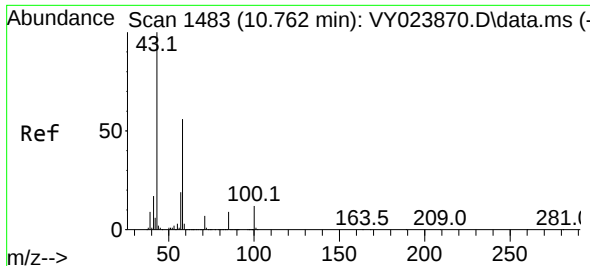
Tgt Ion: 63 Resp: 154992

Ion Ratio Lower Upper

63 100

106 33.7 22.5 33.7

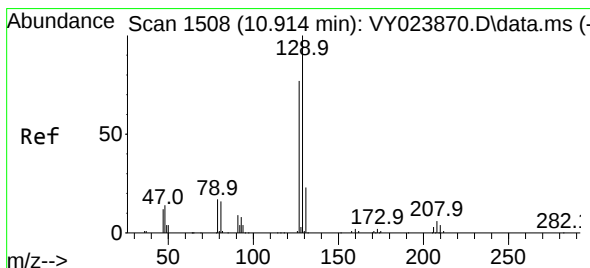
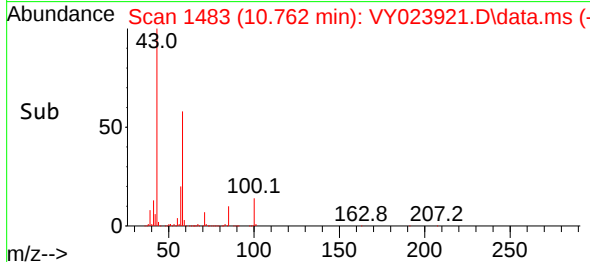
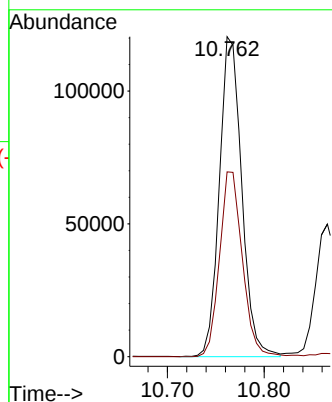
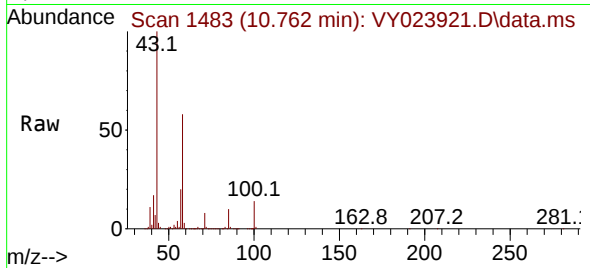




#59
2-Hexanone
Concen: 81.457 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

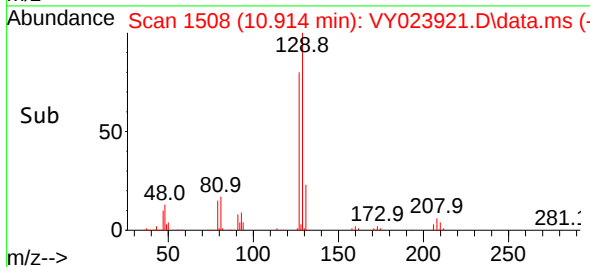
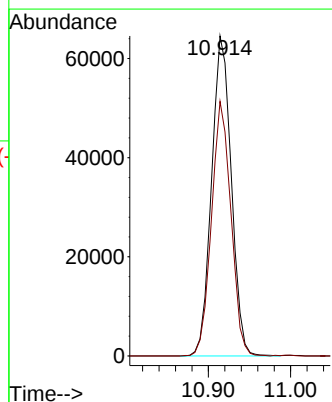
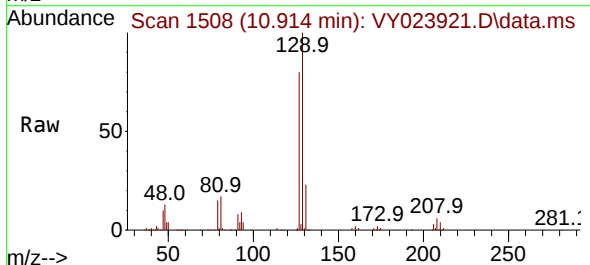
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

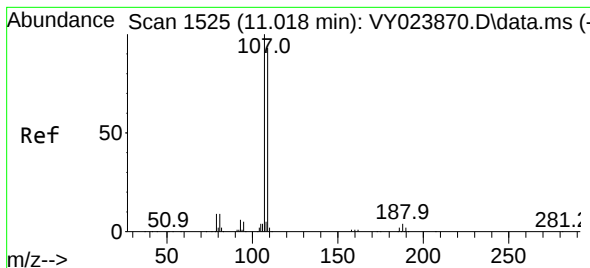
Tgt Ion: 43 Resp: 193334
Ion Ratio Lower Upper
43 100
58 59.0 27.7 83.1



#60
Dibromochloromethane
Concen: 22.123 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 129 Resp: 107474
Ion Ratio Lower Upper
129 100
127 78.5 38.0 114.0

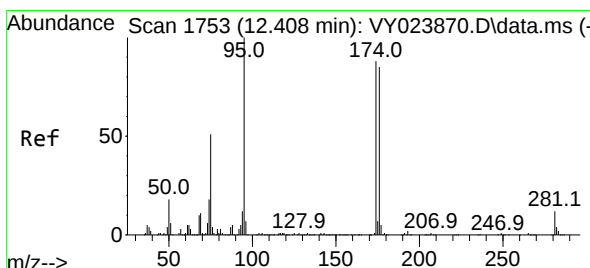
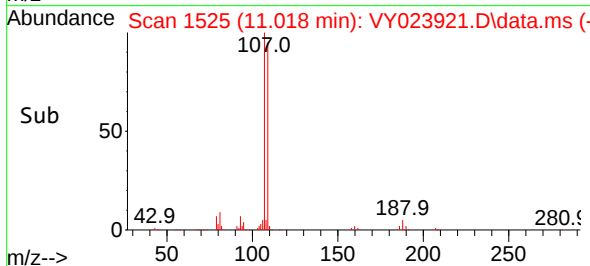
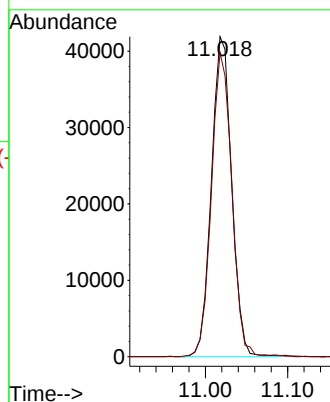
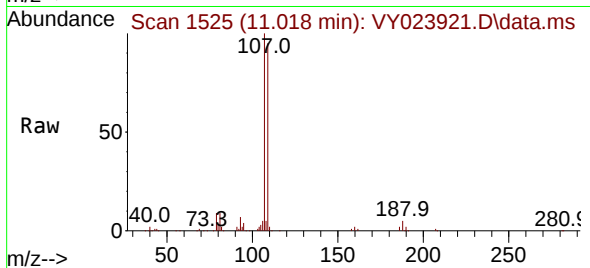




#61
1,2-Dibromoethane
Concen: 21.668 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

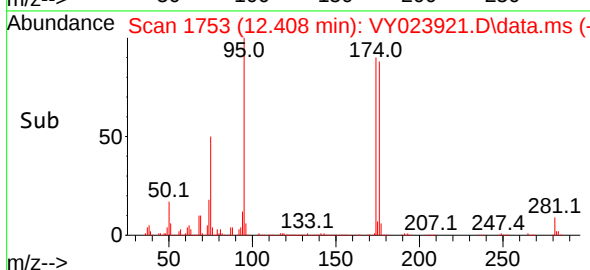
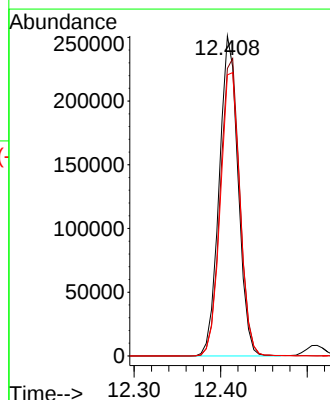
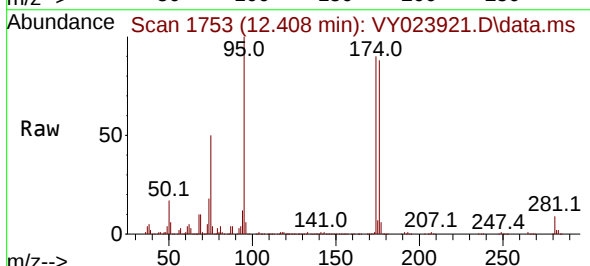
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

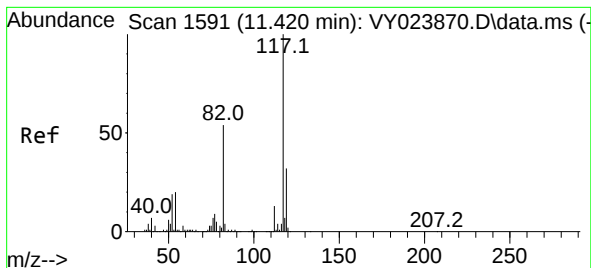
Tgt Ion:107 Resp: 71545
Ion Ratio Lower Upper
107 100
109 95.8 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 61.081 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 95 Resp: 380851
Ion Ratio Lower Upper
95 100
174 95.8 0.0 169.6
176 92.1 0.0 164.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS04

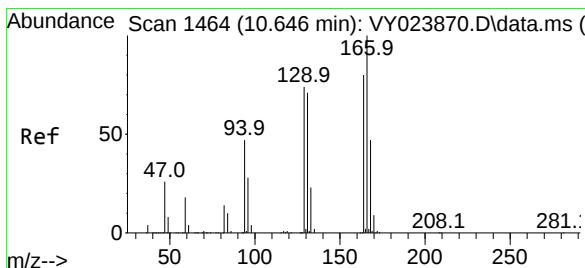
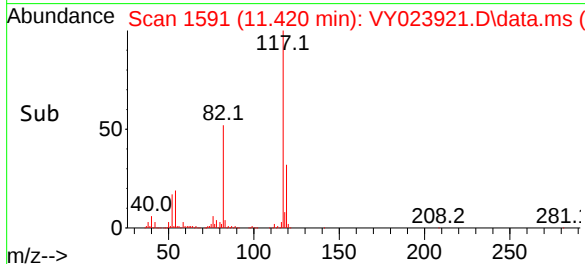
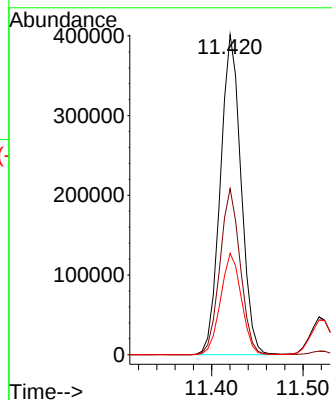
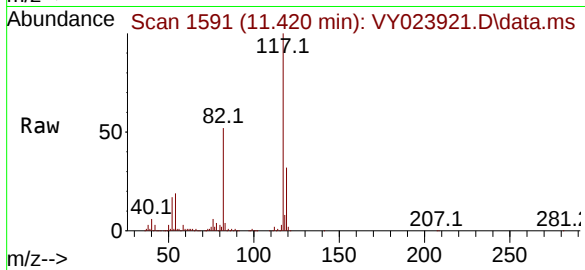
Tgt Ion:117 Resp: 631159

Ion Ratio Lower Upper

117 100

82 51.9 43.1 64.7

119 31.7 26.0 39.0



#64

Tetrachloroethene

Concen: 24.099 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Tgt Ion:164 Resp: 148846

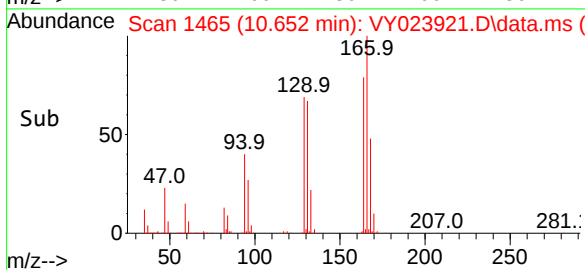
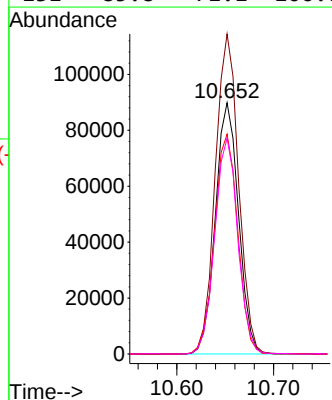
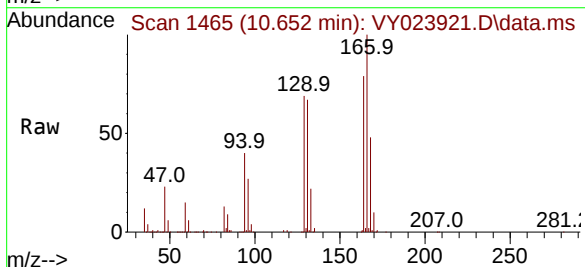
Ion Ratio Lower Upper

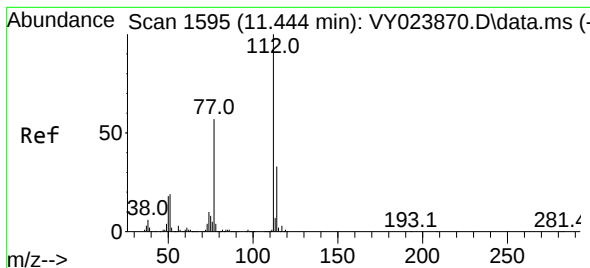
164 100

166 127.4 100.2 150.4

129 87.5 74.4 111.6

131 85.8 71.1 106.7

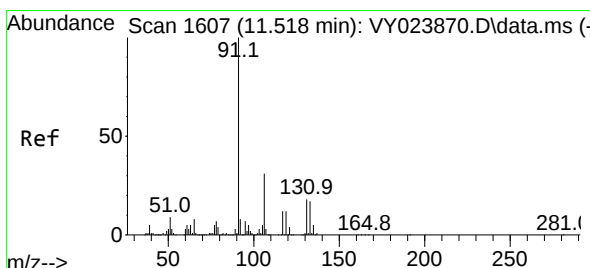
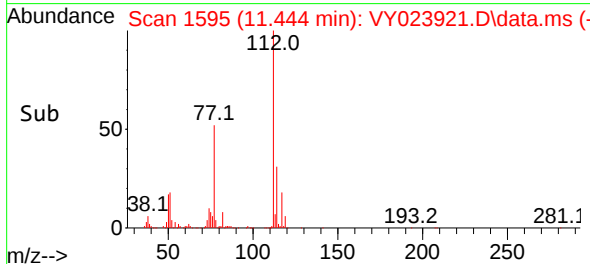
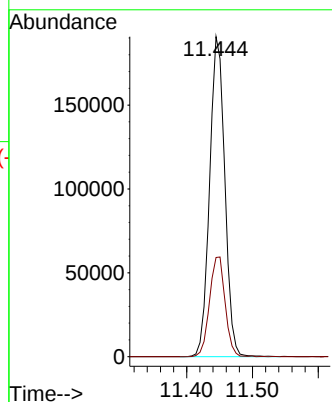
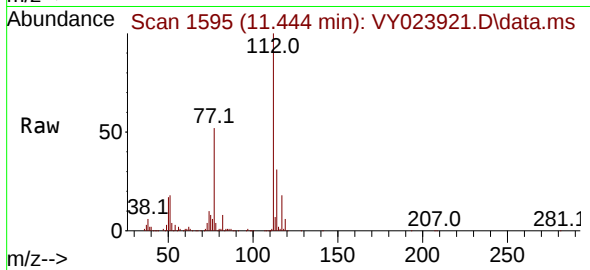




#65
Chlorobenzene
Concen: 21.293 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

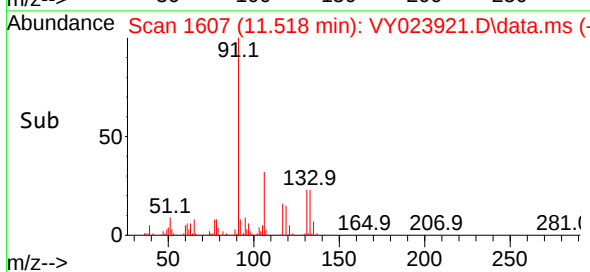
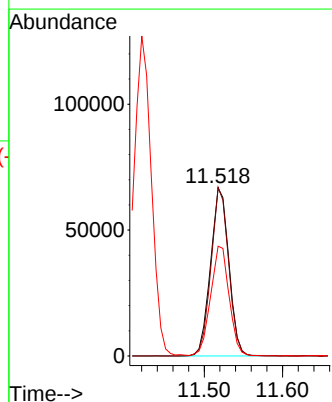
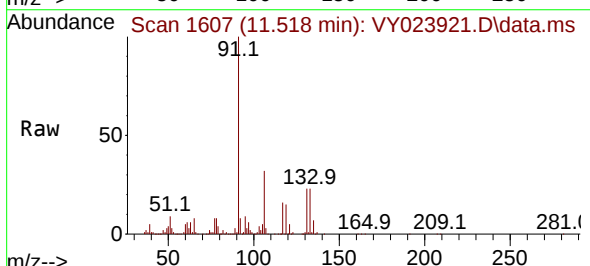
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

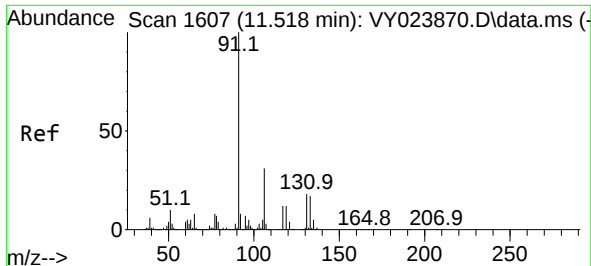
Tgt Ion:112 Resp: 306751
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.051 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion:131 Resp: 108382
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 66.0 32.5 97.4





#67

Ethyl Benzene

Concen: 19.861 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

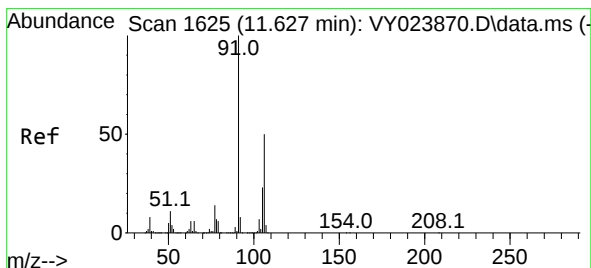
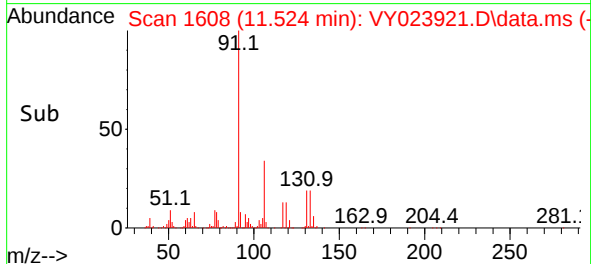
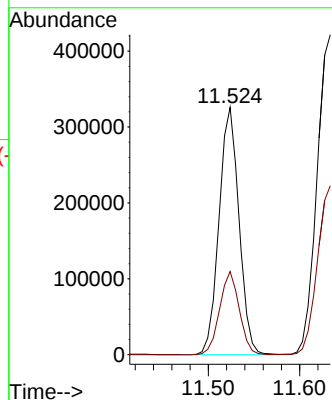
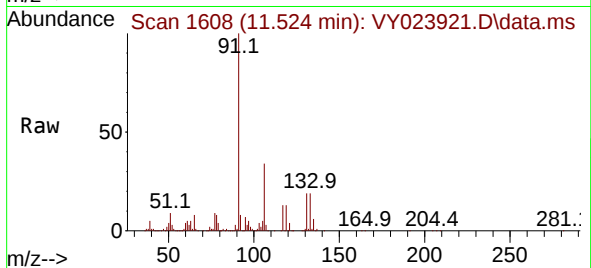
VY1209SBS04

Tgt Ion: 91 Resp: 494628

Ion Ratio Lower Upper

91 100

106 33.6 25.0 37.6



#68

m/p-Xylenes

Concen: 41.945 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023921.D

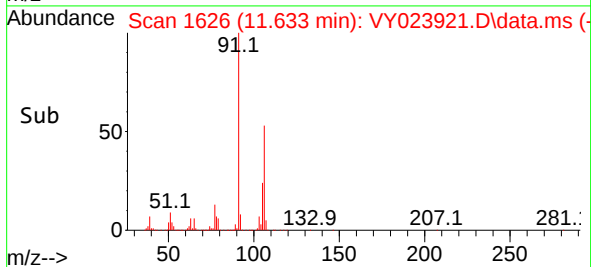
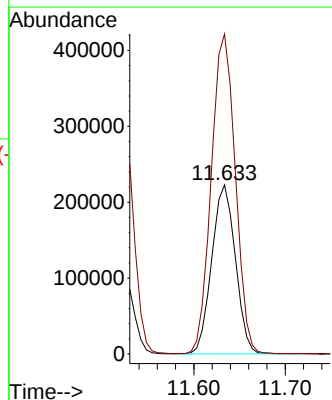
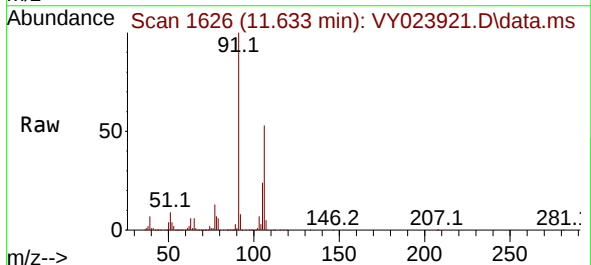
Acq: 09 Dec 2025 20:10

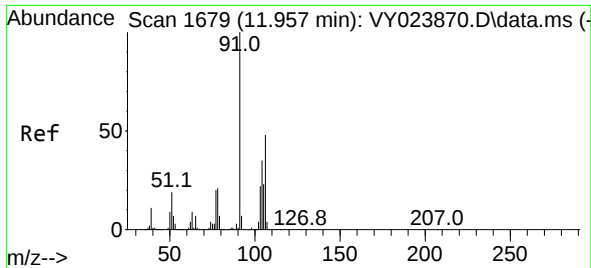
Tgt Ion:106 Resp: 399276

Ion Ratio Lower Upper

106 100

91 192.7 159.7 239.5

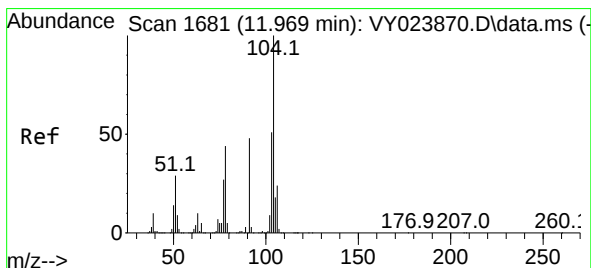
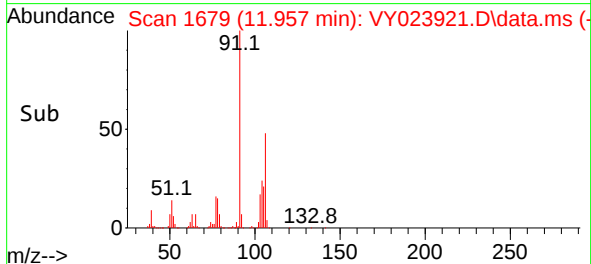
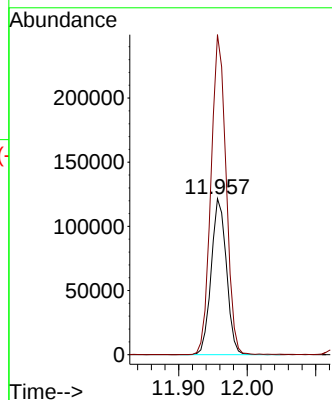
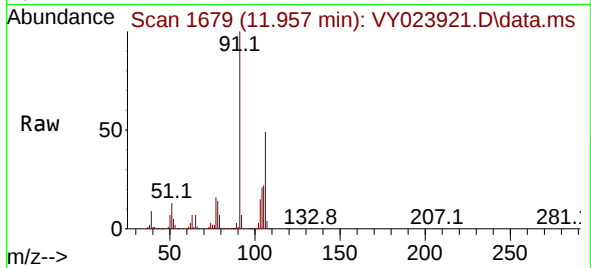




#69
o-Xylene
Concen: 21.038 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

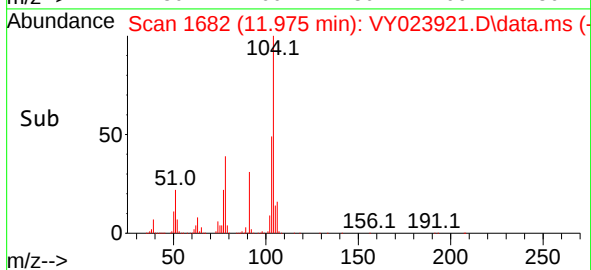
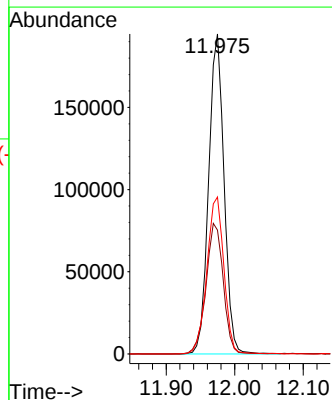
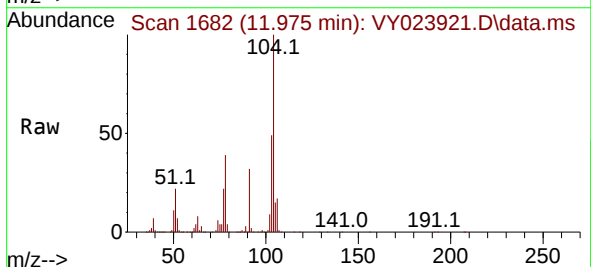
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD04

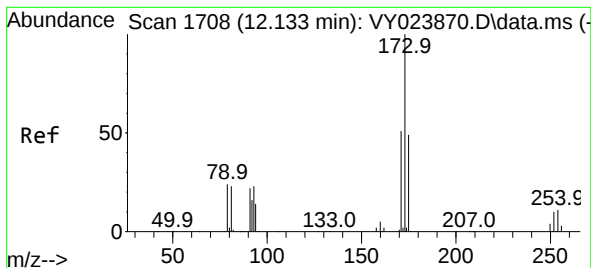
Tgt Ion:106 Resp: 187311
Ion Ratio Lower Upper
106 100
91 203.6 104.4 313.1



#70
Styrene
Concen: 20.747 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion:104 Resp: 304501
Ion Ratio Lower Upper
104 100
78 45.9 38.8 58.2
103 54.3 43.9 65.9





#71

Bromoform

Concen: 23.478 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS04

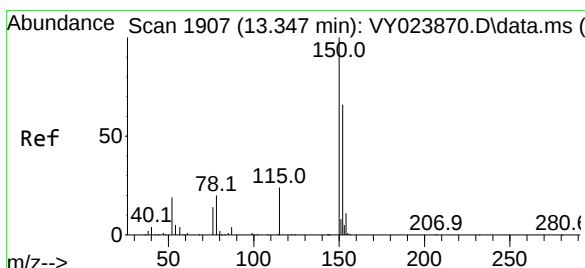
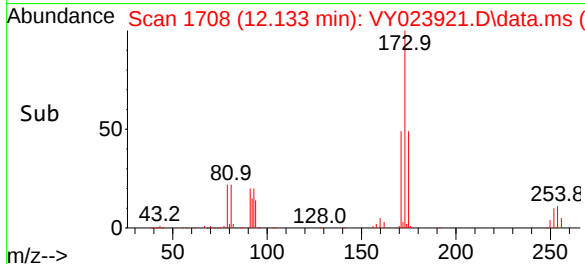
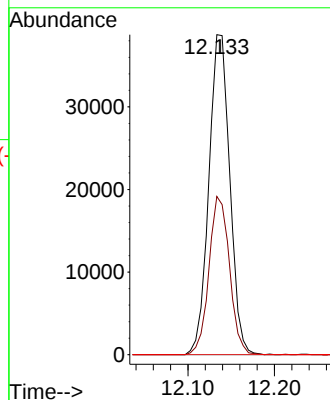
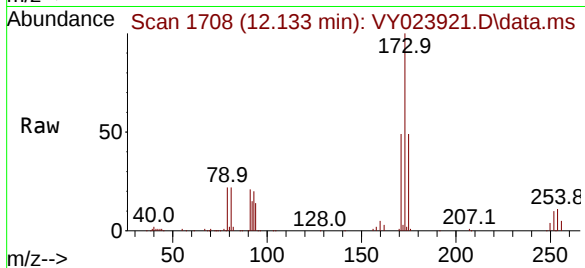
Tgt Ion:173 Resp: 65203

Ion Ratio Lower Upper

173 100

175 48.4 24.4 73.4

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

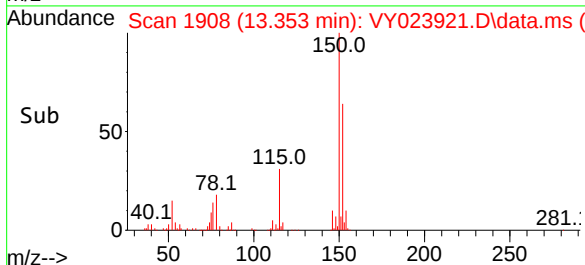
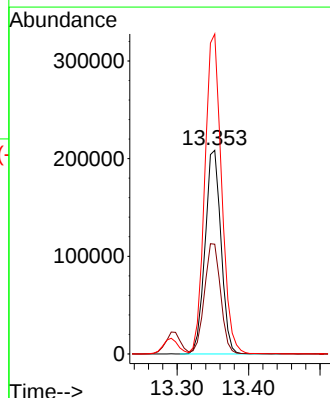
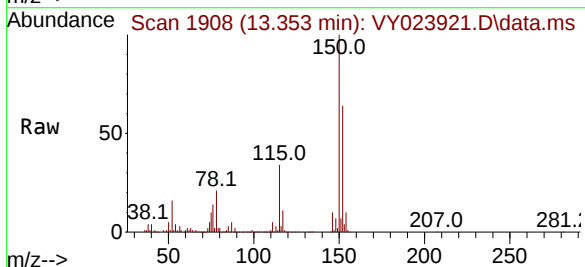
Tgt Ion:152 Resp: 322764

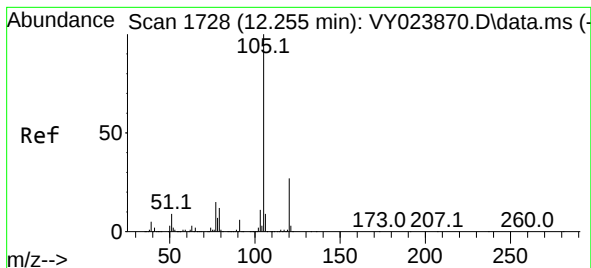
Ion Ratio Lower Upper

152 100

115 54.9 28.8 86.4

150 165.4 0.0 352.2





#73

Isopropylbenzene

Concen: 20.709 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

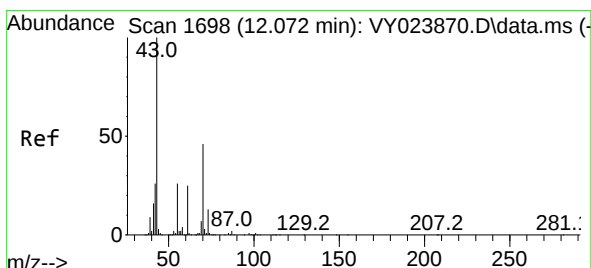
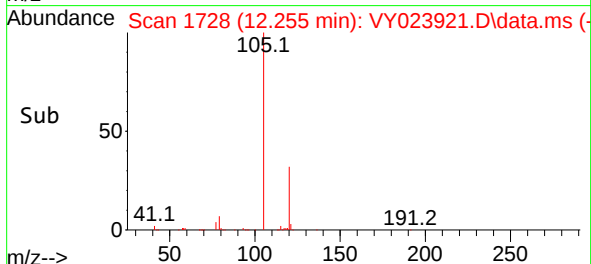
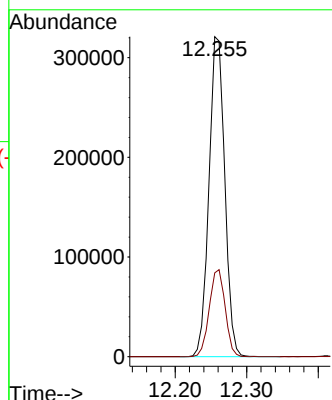
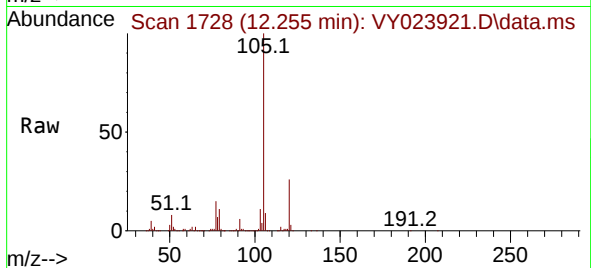
VY1209SBS04

Tgt Ion:105 Resp: 492461

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 15.042 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Tgt Ion: 43 Resp: 77524

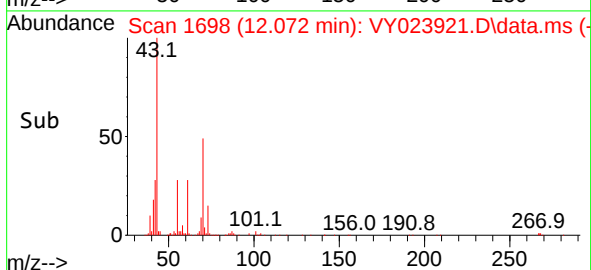
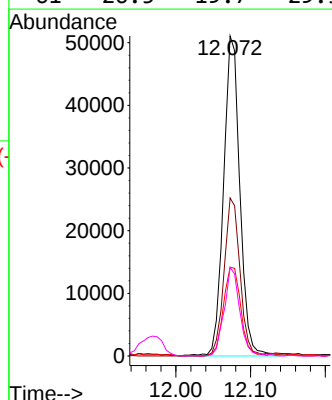
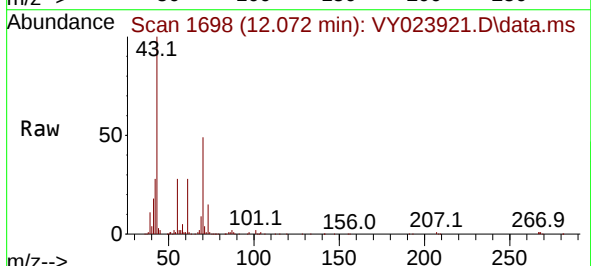
Ion Ratio Lower Upper

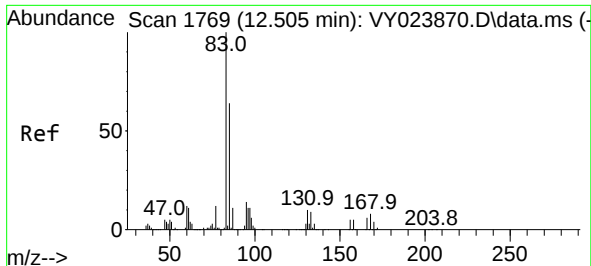
43 100

70 47.9 35.5 53.3

55 29.5 21.1 31.7

61 26.5 19.7 29.5

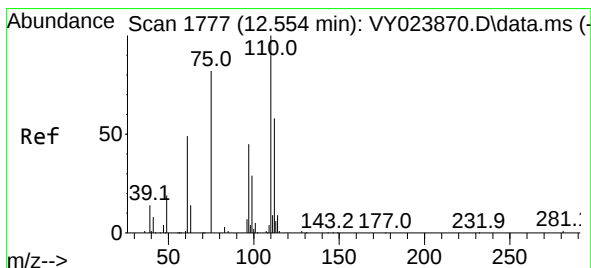
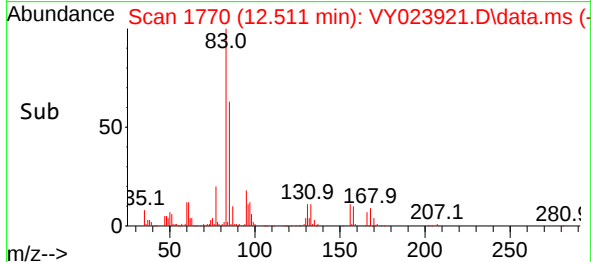
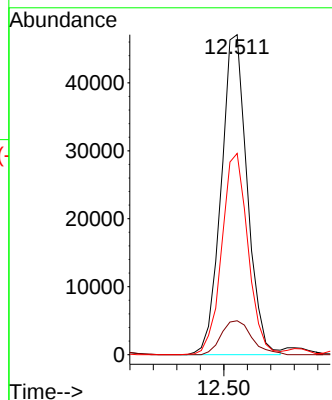
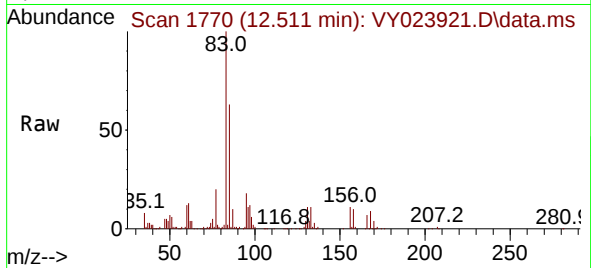




#75
1,1,2,2-Tetrachloroethane
Concen: 18.872 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

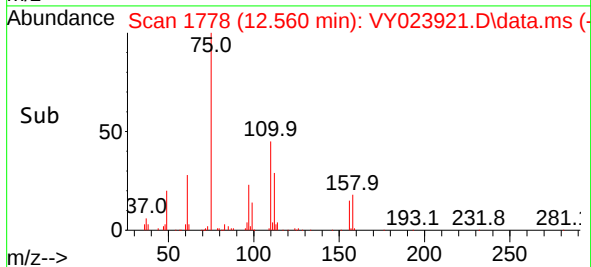
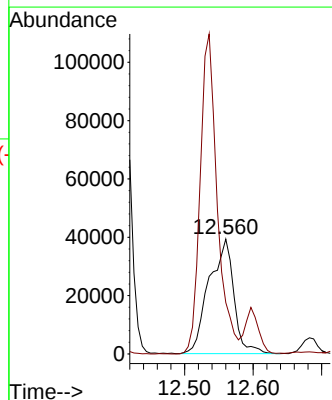
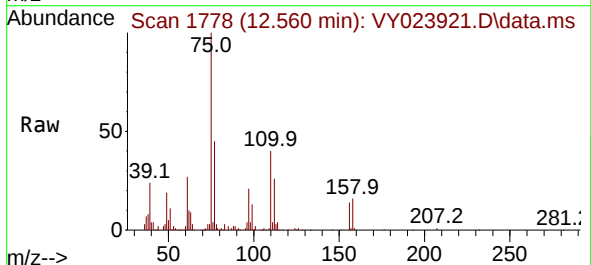
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

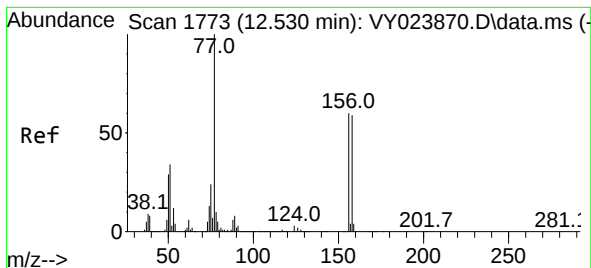
Tgt Ion: 83 Resp: 72407
Ion Ratio Lower Upper
83 100
131 12.5 5.3 15.9
85 63.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 30.906 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 75 Resp: 98893
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.491 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS04

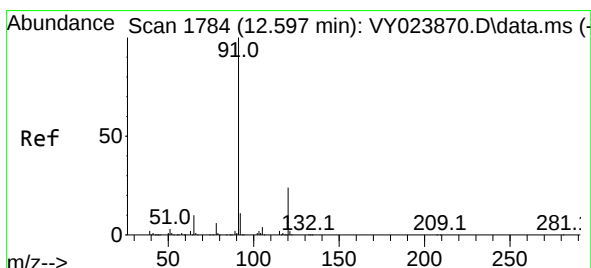
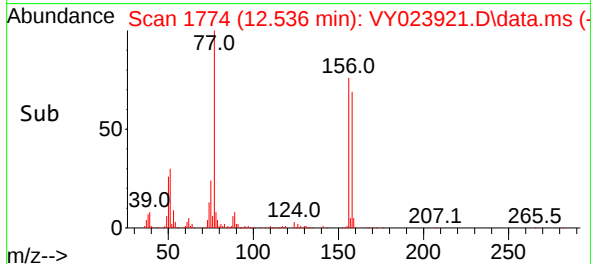
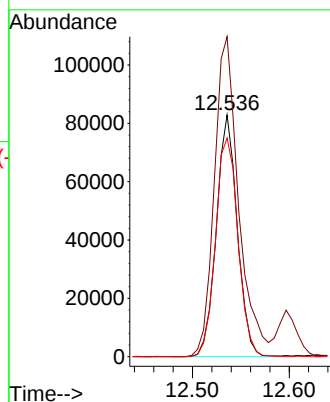
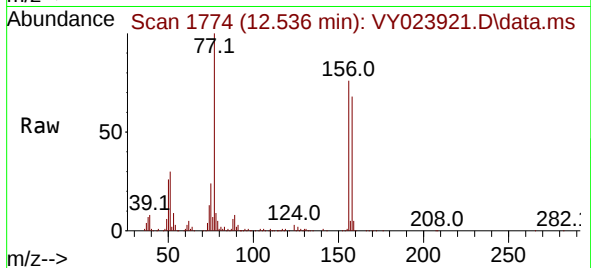
Tgt Ion:156 Resp: 124213

Ion Ratio Lower Upper

156 100

77 153.7 89.6 268.9

158 97.0 48.6 145.8



#78

n-propylbenzene

Concen: 19.426 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023921.D

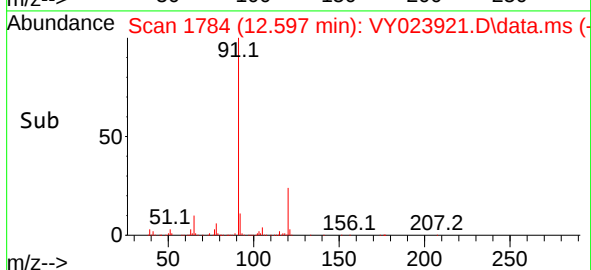
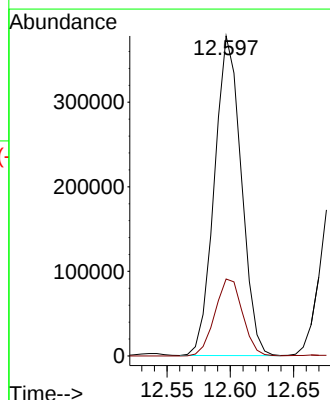
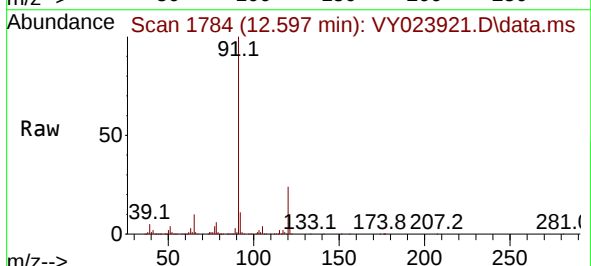
Acq: 09 Dec 2025 20:10

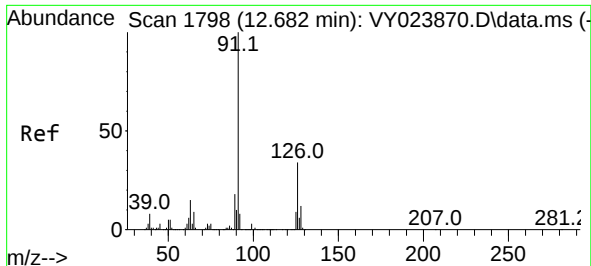
Tgt Ion: 91 Resp: 557436

Ion Ratio Lower Upper

91 100

120 24.8 11.5 34.5

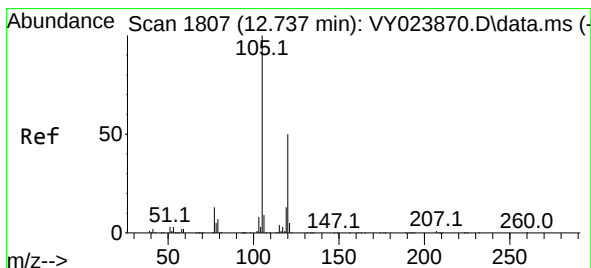
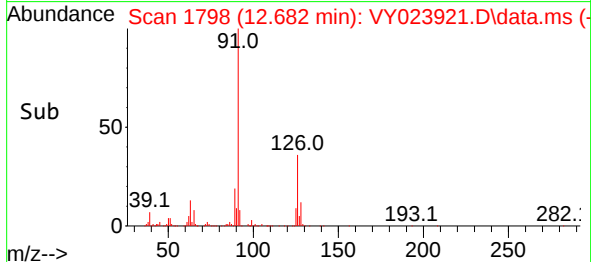
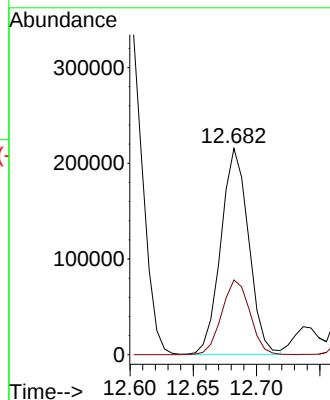
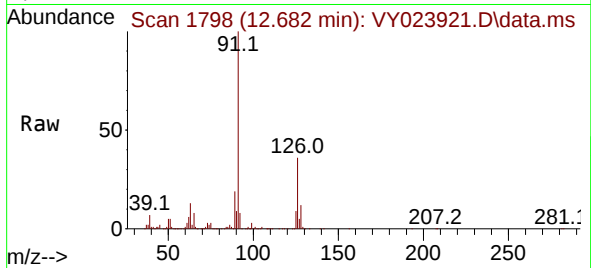




#79
2-Chlorotoluene
Concen: 20.156 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

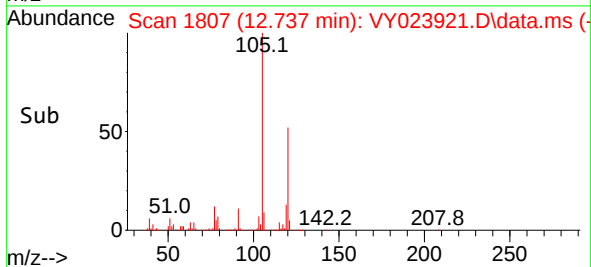
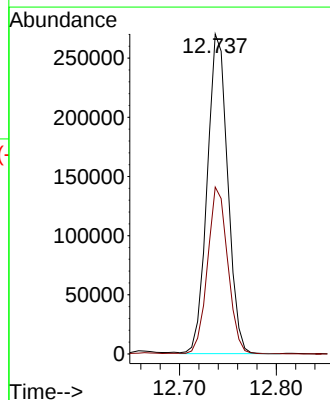
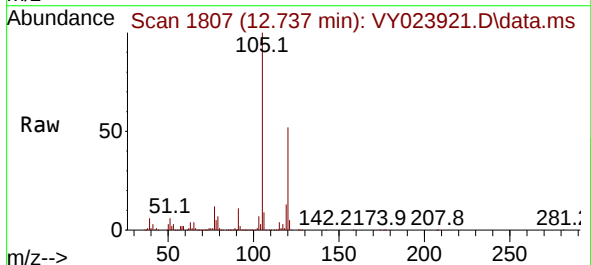
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

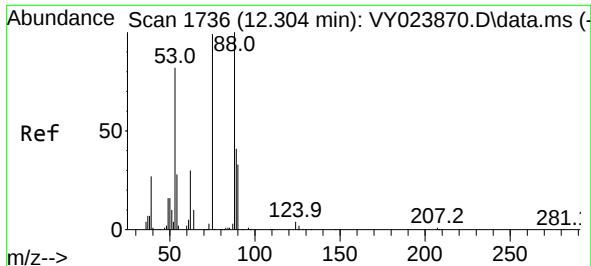
Tgt Ion: 91 Resp: 328483
Ion Ratio Lower Upper
91 100
126 36.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.576 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 105 Resp: 397580
Ion Ratio Lower Upper
105 100
120 51.8 24.9 74.6

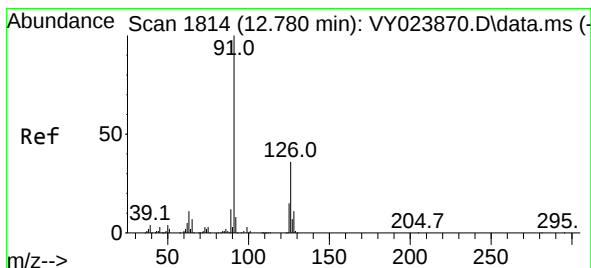
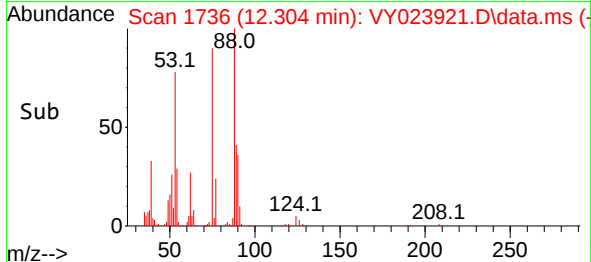
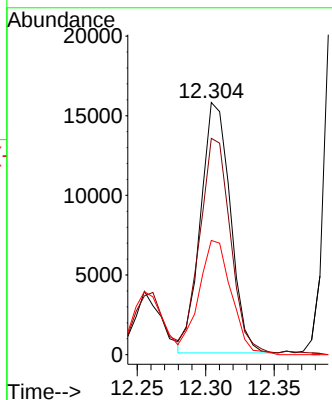
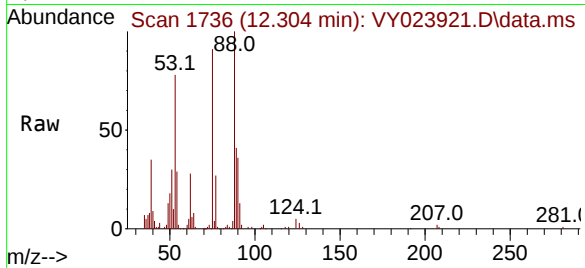




#81
trans-1,4-Dichloro-2-butene
Concen: 17.760 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

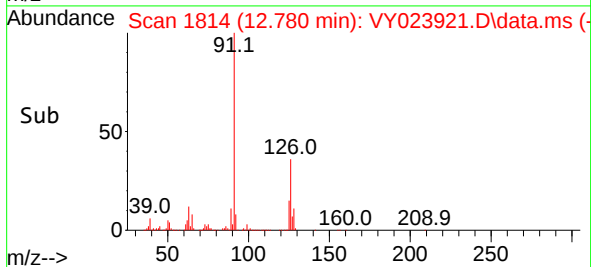
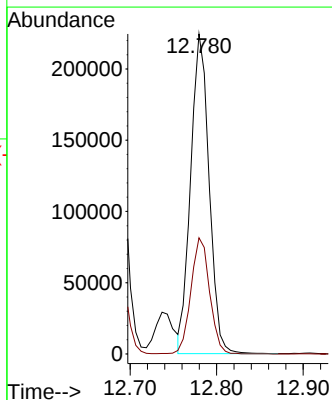
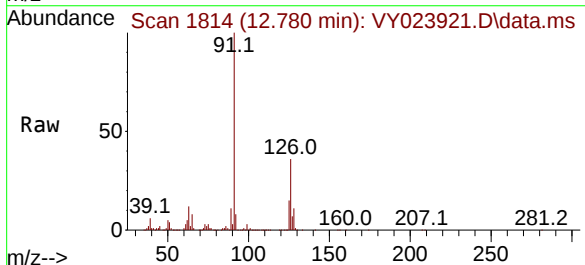
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS04

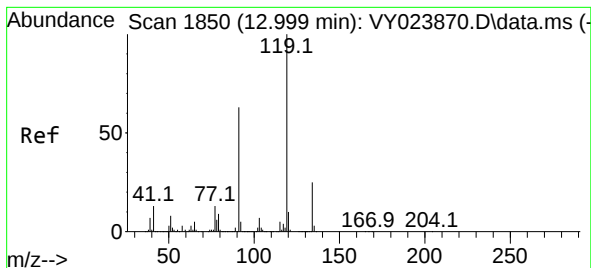
Tgt Ion: 75 Resp: 23727
Ion Ratio Lower Upper
75 100
53 88.2 71.1 106.7
89 49.9 36.3 54.5



#82
4-Chlorotoluene
Concen: 19.643 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 91 Resp: 331889
Ion Ratio Lower Upper
91 100
126 36.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.157 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS04

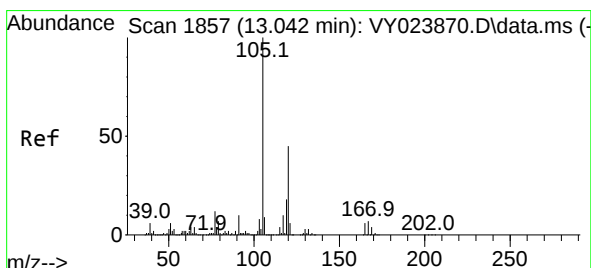
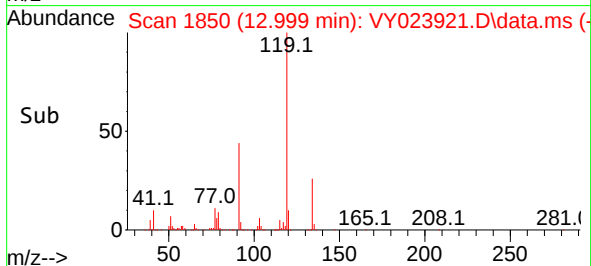
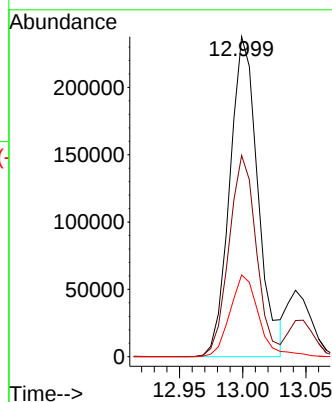
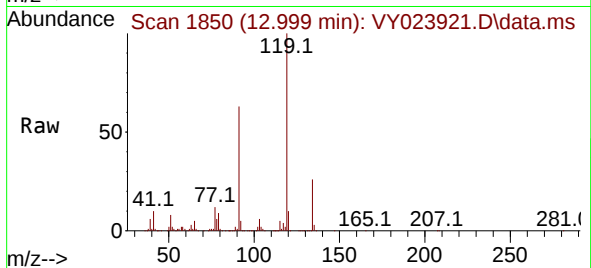
Tgt Ion:119 Resp: 368543

Ion Ratio Lower Upper

119 100

91 61.3 31.8 95.3

134 26.2 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.362 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY023921.D

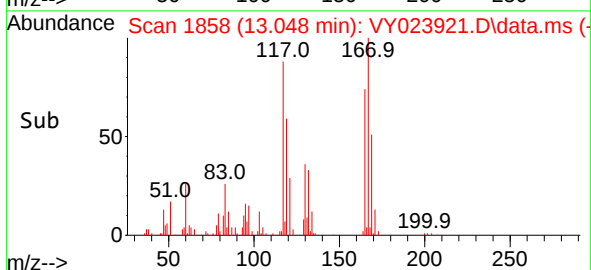
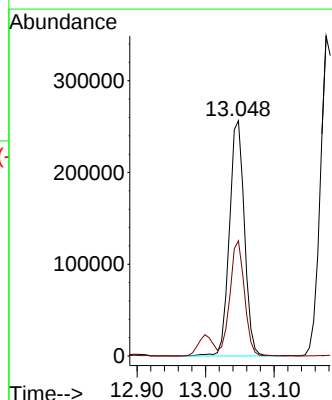
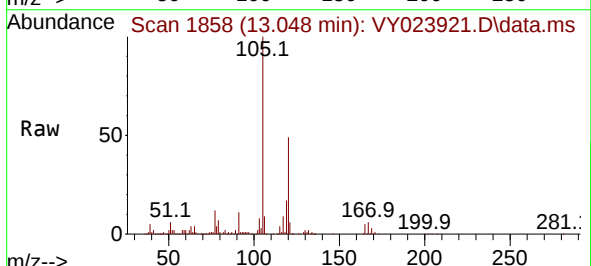
Acq: 09 Dec 2025 20:10

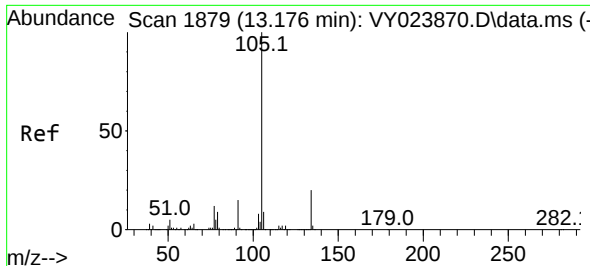
Tgt Ion:105 Resp: 389774

Ion Ratio Lower Upper

105 100

120 47.4 22.4 67.3

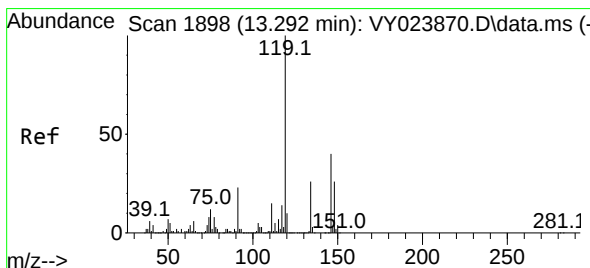
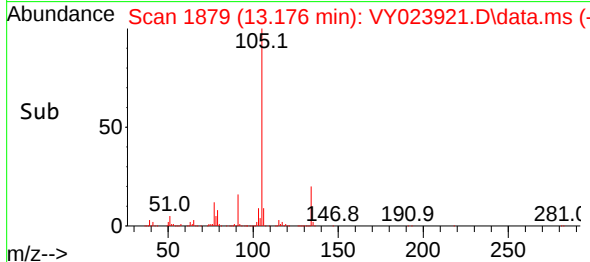
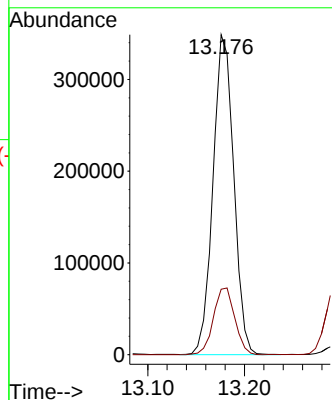
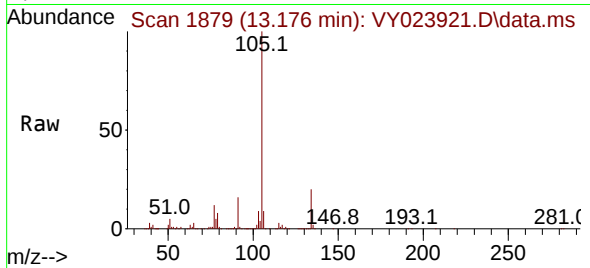




#85
 sec-Butylbenzene
 Concen: 20.026 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023921.D
 Acq: 09 Dec 2025 20:10

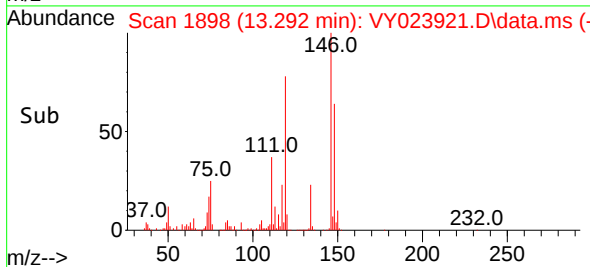
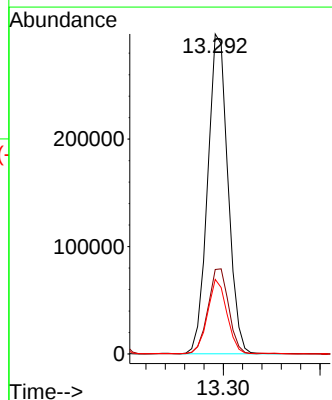
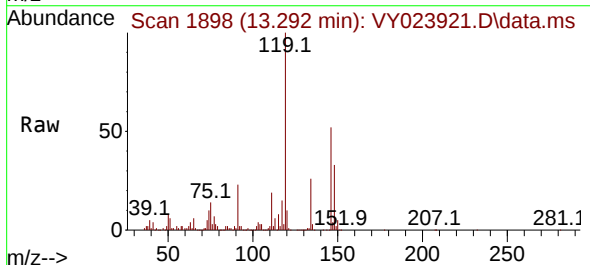
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS04

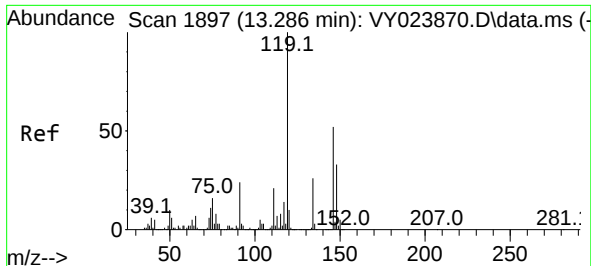
Tgt Ion:105 Resp: 518926
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.200 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023921.D
 Acq: 09 Dec 2025 20:10

Tgt Ion:119 Resp: 433392
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.1 39.1
 91 22.2 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.948 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS04

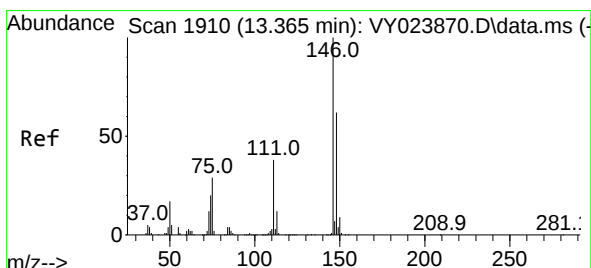
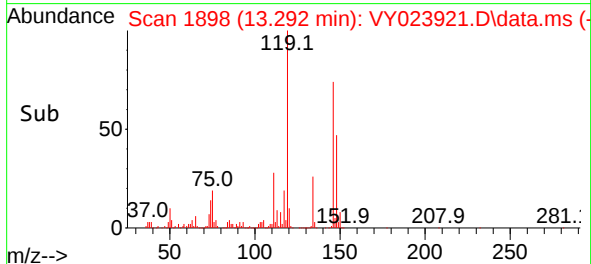
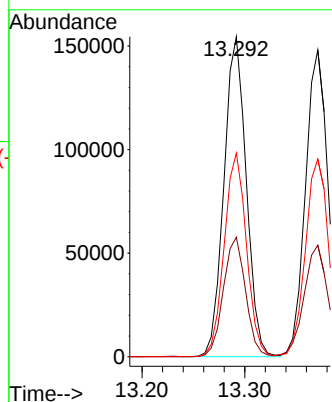
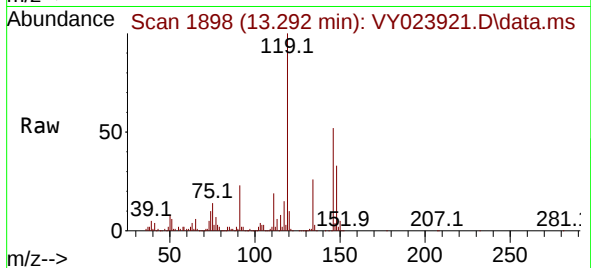
Tgt Ion:146 Resp: 233088

Ion Ratio Lower Upper

146 100

111 37.1 20.0 60.0

148 63.3 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.697 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

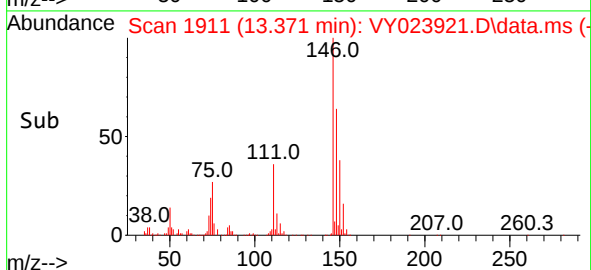
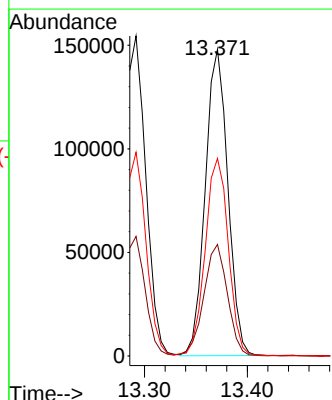
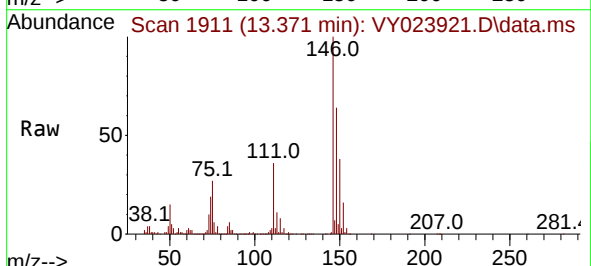
Tgt Ion:146 Resp: 225837

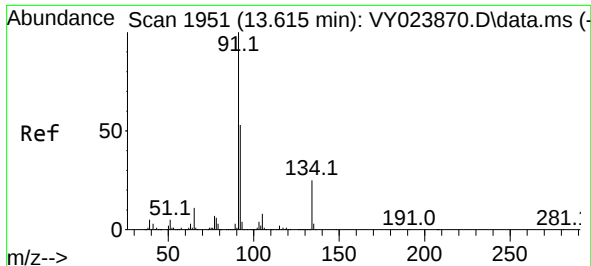
Ion Ratio Lower Upper

146 100

111 38.1 19.4 58.1

148 66.1 32.0 96.2





#89

n-Butylbenzene

Concen: 18.246 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS04

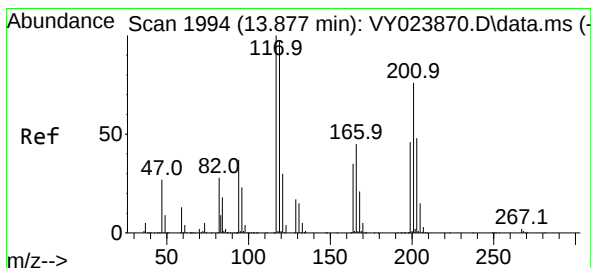
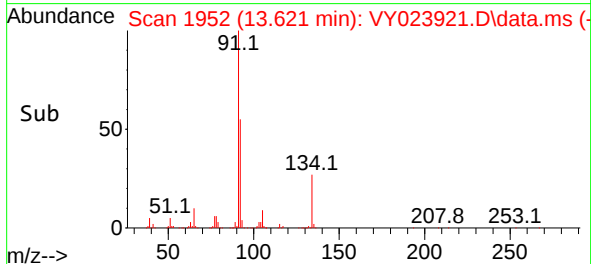
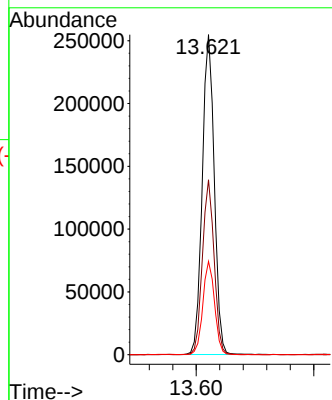
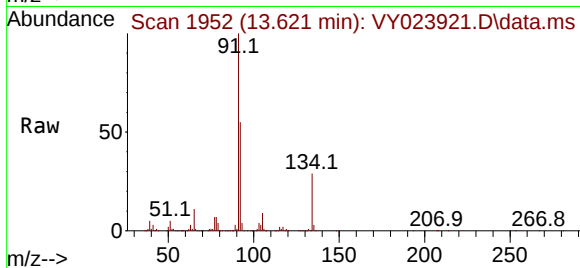
Tgt Ion: 91 Resp: 362329

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.0

134 28.5 13.0 39.0



#90

Hexachloroethane

Concen: 19.938 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY023921.D

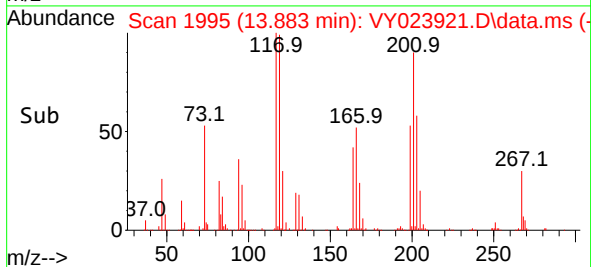
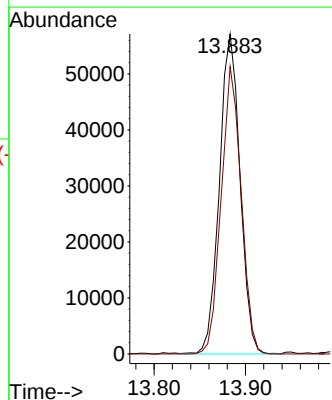
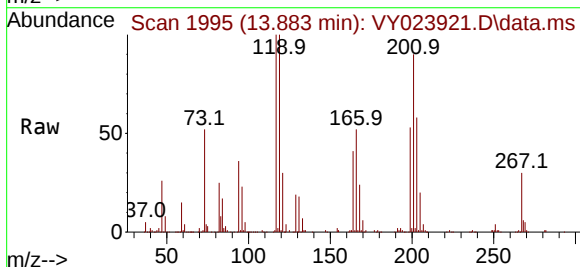
Acq: 09 Dec 2025 20:10

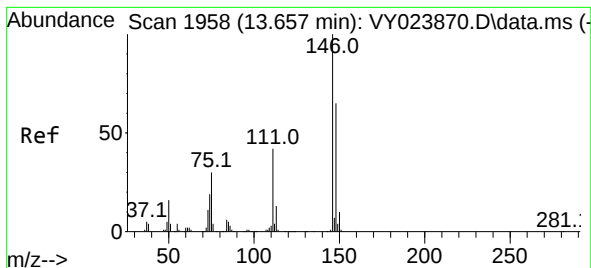
Tgt Ion: 117 Resp: 89742

Ion Ratio Lower Upper

117 100

201 86.9 39.1 117.2

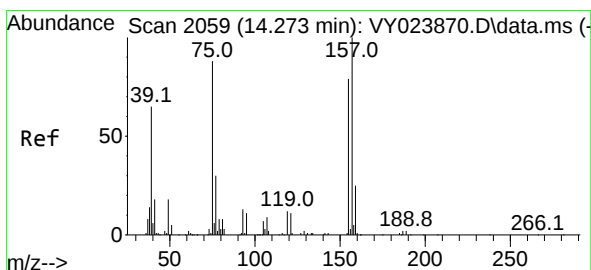
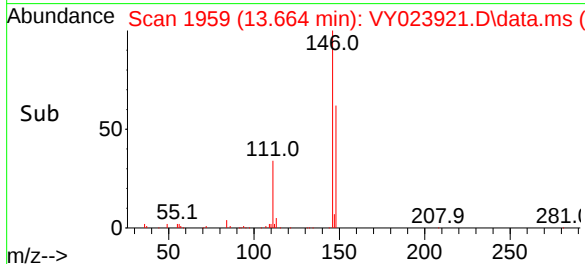
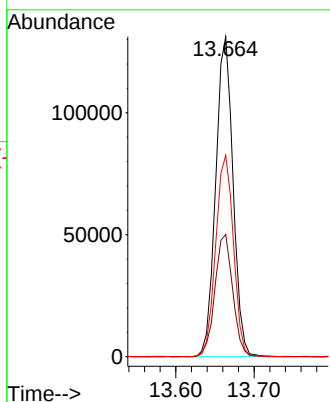
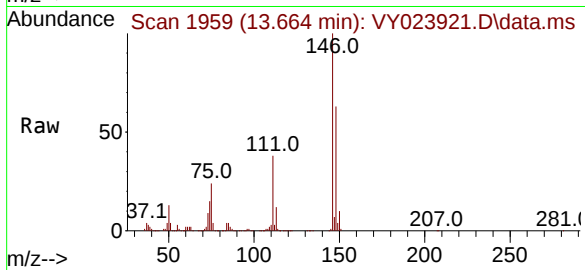




#91
1,2-Dichlorobenzene
Concen: 20.863 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

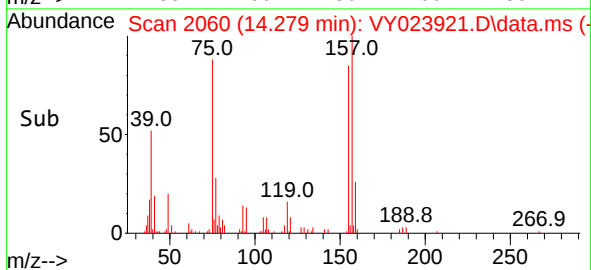
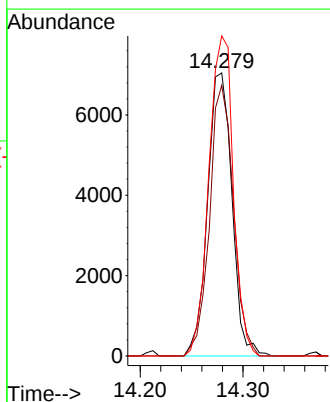
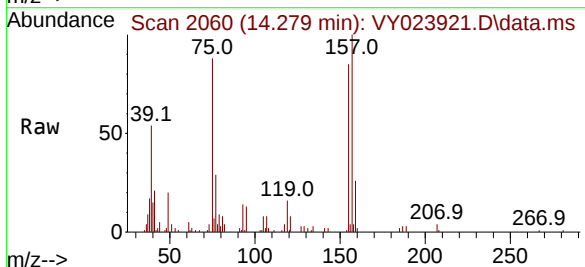
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD04

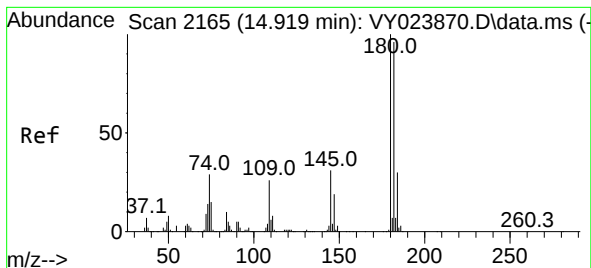
Tgt Ion:146 Resp: 201907
Ion Ratio Lower Upper
146 100
111 39.3 20.4 61.3
148 64.4 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.215 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY023921.D
Acq: 09 Dec 2025 20:10

Tgt Ion: 75 Resp: 11592
Ion Ratio Lower Upper
75 100
155 93.6 44.4 133.2
157 113.5 57.5 172.3





#93

1,2,4-Trichlorobenzene

Concen: 18.343 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS04

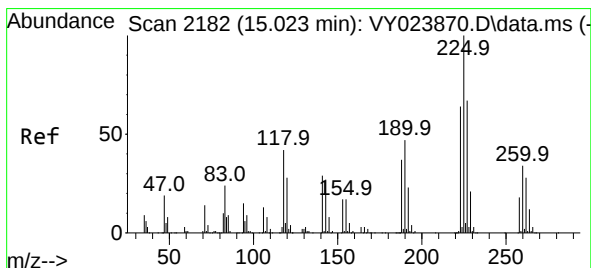
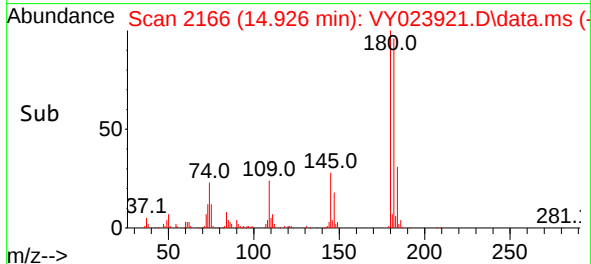
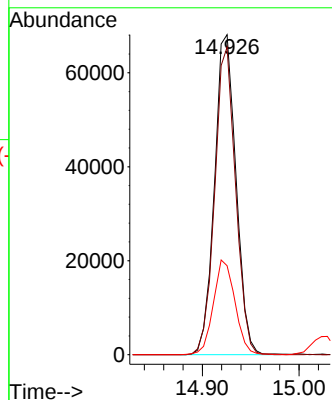
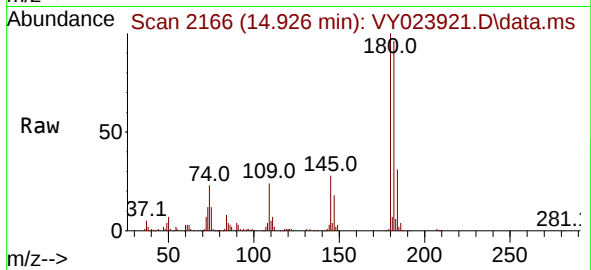
Tgt Ion:180 Resp: 105251

Ion Ratio Lower Upper

180 100

182 93.2 47.4 142.3

145 29.7 15.2 45.5



#94

Hexachlorobutadiene

Concen: 20.069 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

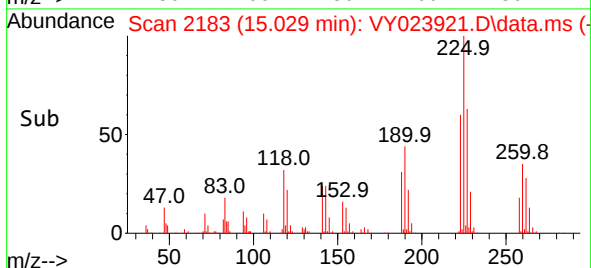
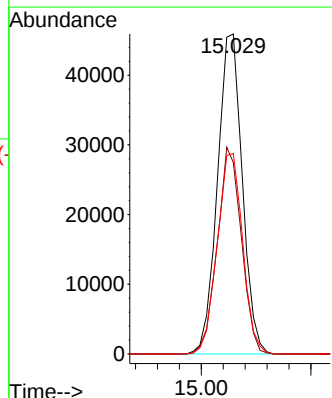
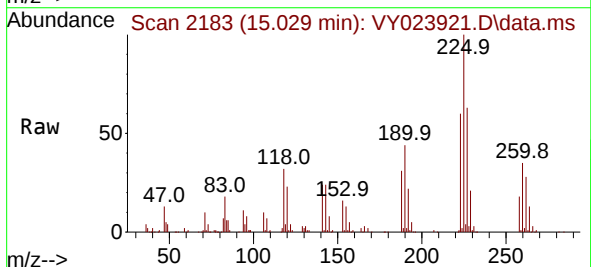
Tgt Ion:225 Resp: 72248

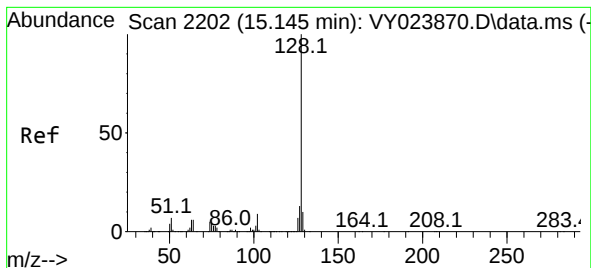
Ion Ratio Lower Upper

225 100

223 62.7 31.6 95.0

227 64.1 32.6 97.8





#95

Naphthalene

Concen: 17.666 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS04

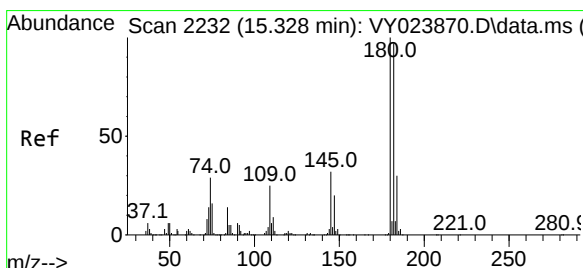
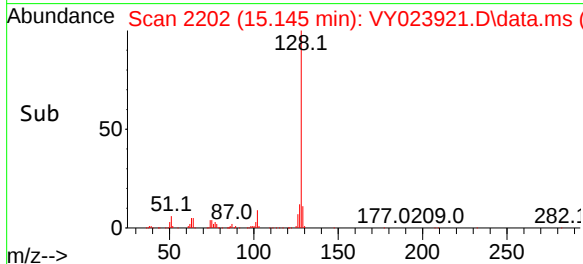
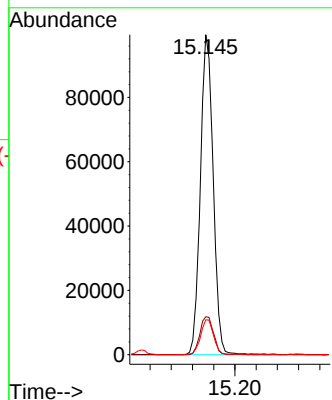
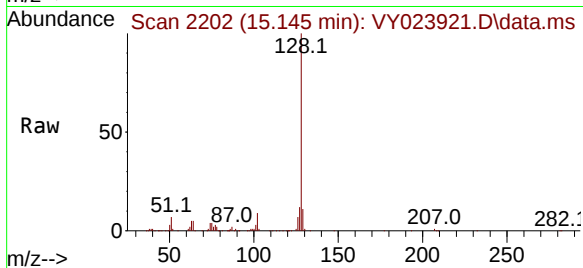
Tgt Ion:128 Resp: 167049

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.973 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY023921.D

Acq: 09 Dec 2025 20:10

Tgt Ion:180 Resp: 88005

Ion Ratio Lower Upper

180 100

182 95.7 46.9 140.8

145 31.0 15.7 47.1

