

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023902.D
 Acq On : 09 Dec 2025 12:44
 Operator : SY/MD
 Sample : VY1209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS02

Quant Time: Dec 10 02:25:11 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	7.726	168	563250	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	805086	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	671538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	329715	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	309762	54.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.960%	
35) Dibromofluoromethane	7.646	113	344665	66.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.500%	
50) Toluene-d8	10.115	98	1290746	64.237	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 128.480%	
62) 4-Bromofluorobenzene	12.414	95	401727	58.616	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	72212	16.950	ug/l	100
3) Chloromethane	2.080	50	83762	13.783	ug/l	99
4) Vinyl Chloride	2.221	62	103268	14.897	ug/l	96
5) Bromomethane	2.611	94	94578	18.896	ug/l	97
6) Chloroethane	2.751	64	73041	15.541	ug/l	100
7) Trichlorofluoromethane	3.074	101	167434	17.274	ug/l	91
8) Diethyl Ether	3.464	74	44757	15.413	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.836	101	101811	17.531	ug/l	96
10) Methyl Iodide	4.019	142	111748	18.947	ug/l	97
11) Tert butyl alcohol	4.891	59	21612	43.011	ug/l	95
12) 1,1-Dichloroethene	3.806	96	89928	16.573	ug/l	92
13) Acrolein	3.672	56	27049	76.896	ug/l	96
14) Allyl chloride	4.403	41	117676	13.564	ug/l	93
15) Acrylonitrile	5.080	53	83974	66.444	ug/l	98
16) Acetone	3.891	43	131913	78.129	ug/l	97
17) Carbon Disulfide	4.123	76	224977	14.033	ug/l	100
18) Methyl Acetate	4.403	43	33447	11.679	ug/l	91
19) Methyl tert-butyl Ether	5.135	73	209463	15.368	ug/l	99
20) Methylene Chloride	4.635	84	110833	16.991	ug/l	91
21) trans-1,2-Dichloroethene	5.135	96	97737	16.326	ug/l	88
22) Diisopropyl ether	6.037	45	262387	13.736	ug/l #	91
23) Vinyl Acetate	5.982	43	702313	66.329	ug/l #	94
24) 1,1-Dichloroethane	5.933	63	170364	15.436	ug/l	97
25) 2-Butanone	6.915	43	128146	62.959	ug/l #	87
26) 2,2-Dichloropropane	6.903	77	164074	16.220	ug/l	98
27) cis-1,2-Dichloroethene	6.909	96	115633	16.634	ug/l	92
28) Bromochloromethane	7.268	49	49646	11.773	ug/l #	74
29) Tetrahydrofuran	7.281	42	60432	57.410	ug/l	89
30) Chloroform	7.433	83	184517	16.545	ug/l	100
31) Cyclohexane	7.713	56	151265	14.335	ug/l	88
32) 1,1,1-Trichloroethane	7.634	97	175244	17.407	ug/l	98
36) 1,1-Dichloropropene	7.848	75	127446	16.739	ug/l	96
37) Ethyl Acetate	7.000	43	47722	13.573	ug/l	96
38) Carbon Tetrachloride	7.829	117	162070	19.287	ug/l	98
39) Methylcyclohexane	9.122	83	169781	17.131	ug/l	93
40) Benzene	8.091	78	394760	17.153	ug/l	98

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 ClientSampleId :
 VY1209SBS02

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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	26040	14.368	ug/l #	97
42) 1,2-Dichloroethane	8.171	62	99714	16.604	ug/l	97
43) Isopropyl Acetate	8.207	43	88939	13.520	ug/l #	88
44) Trichloroethene	8.878	130	114843	19.394	ug/l	95
45) 1,2-Dichloropropane	9.152	63	86629	15.898	ug/l	99
46) Dibromomethane	9.244	93	50677	17.178	ug/l	92
47) Bromodichloromethane	9.433	83	137251	17.634	ug/l	99
48) Methyl methacrylate	9.231	41	38315	12.468	ug/l #	82
49) 1,4-Dioxane	9.244	88	10106	308.085	ug/l #	90
51) 4-Methyl-2-Pentanone	10.006	43	231495	66.924	ug/l	96
52) Toluene	10.183	92	260462	18.073	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	115317	16.416	ug/l	94
54) cis-1,3-Dichloropropene	9.866	75	138879	16.789	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	68564	17.217	ug/l	99
56) Ethyl methacrylate	10.451	69	77241	16.334	ug/l	92
57) 1,3-Dichloropropane	10.725	76	111417	16.244	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	186117	84.004	ug/l	92
59) 2-Hexanone	10.768	43	181517	69.578	ug/l	95
60) Dibromochloromethane	10.920	129	96961	18.158	ug/l	100
61) 1,2-Dibromoethane	11.024	107	63694	17.550	ug/l	98
64) Tetrachloroethene	10.658	164	135863	20.674	ug/l	98
65) Chlorobenzene	11.451	112	289252	18.871	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	101827	19.471	ug/l	99
67) Ethyl Benzene	11.524	91	477106	18.005	ug/l	98
68) m/p-Xylenes	11.634	106	382585	37.774	ug/l	96
69) o-Xylene	11.963	106	178955	18.891	ug/l	95
70) Styrene	11.975	104	283342	18.144	ug/l	98
71) Bromoform	12.140	173	56459	19.107	ug/l #	99
73) Isopropylbenzene	12.261	105	475464	19.573	ug/l	98
74) N-amyl acetate	12.079	43	68096	12.934	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	65842	16.799	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	90401	27.657	ug/l #	100
77) Bromobenzene	12.542	156	116126	20.583	ug/l	87
78) n-propylbenzene	12.603	91	552115	18.835	ug/l	97
79) 2-Chlorotoluene	12.688	91	308206	18.513	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	378663	19.184	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	21632	15.851	ug/l	98
82) 4-Chlorotoluene	12.786	91	316741	18.352	ug/l	96
83) tert-Butylbenzene	13.005	119	350173	19.678	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	366634	18.749	ug/l	97
85) sec-Butylbenzene	13.182	105	499314	18.863	ug/l	98
86) p-Isopropyltoluene	13.298	119	422769	19.289	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	219734	19.332	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	213379	19.143	ug/l	100
89) n-Butylbenzene	13.621	91	356346	17.566	ug/l	98
90) Hexachloroethane	13.889	117	86751	18.868	ug/l	92
91) 1,2-Dichlorobenzene	13.664	146	187189	18.934	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9418	15.283	ug/l	97
93) 1,2,4-Trichlorobenzene	14.926	180	99051	16.899	ug/l	97
94) Hexachlorobutadiene	15.029	225	69303	18.845	ug/l	99
95) Naphthalene	15.151	128	137514	14.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	79013	15.797	ug/l	97

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD02

Quant Time: Dec 10 02:25:11 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

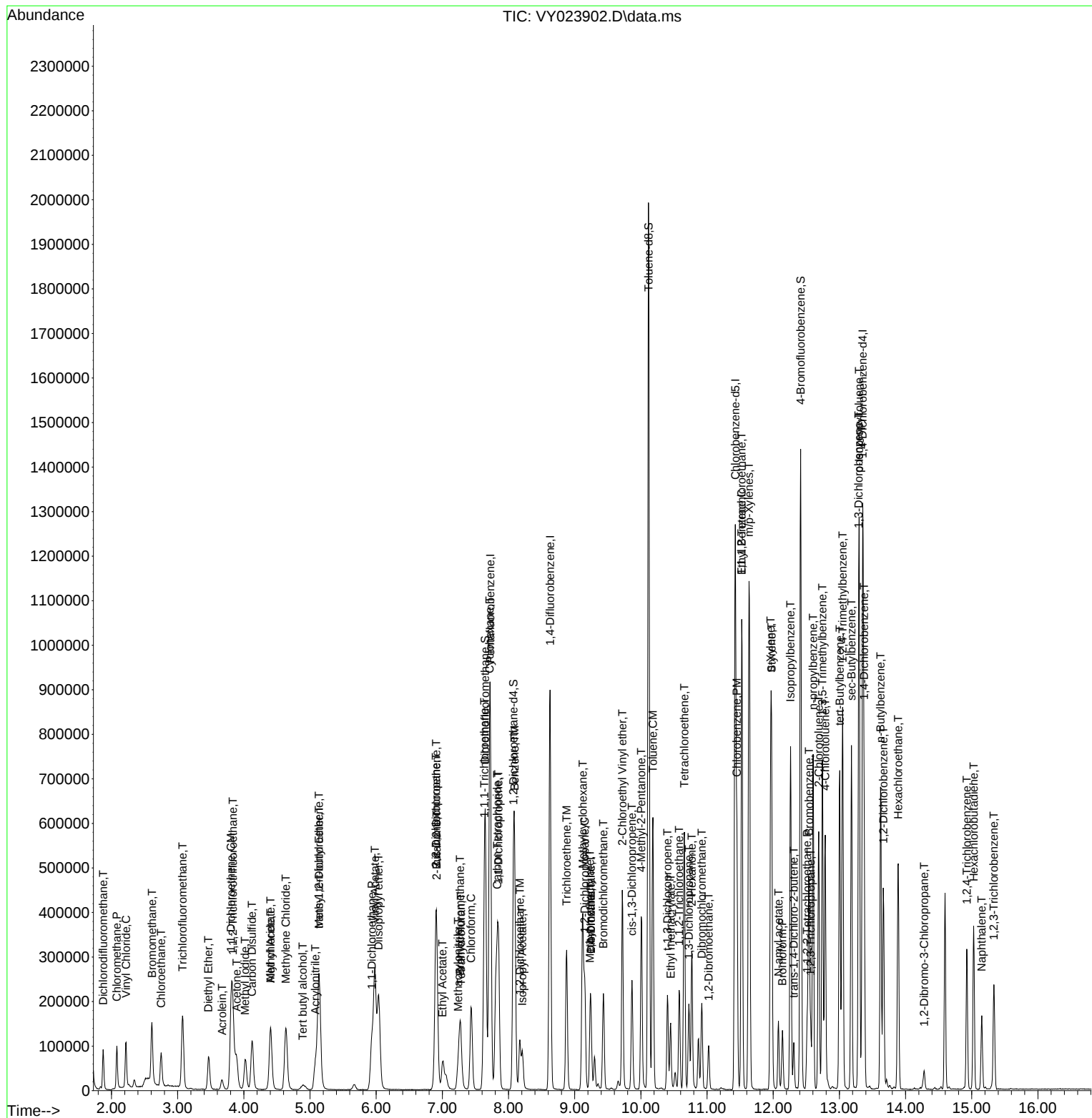
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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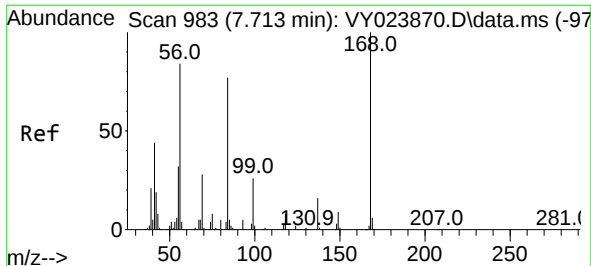
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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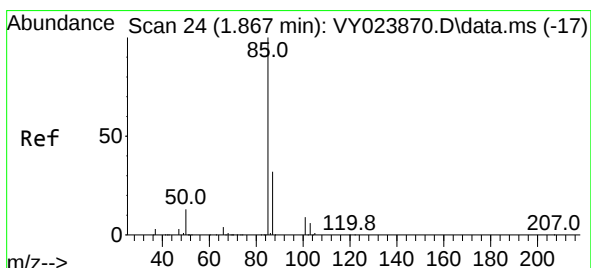
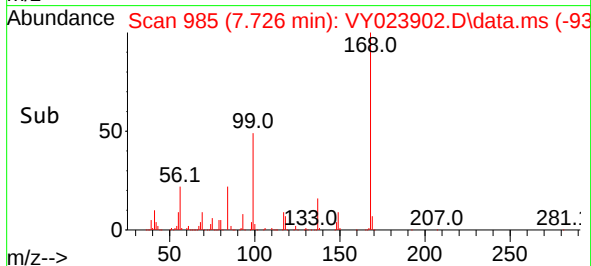
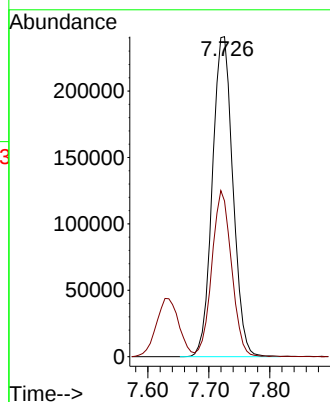
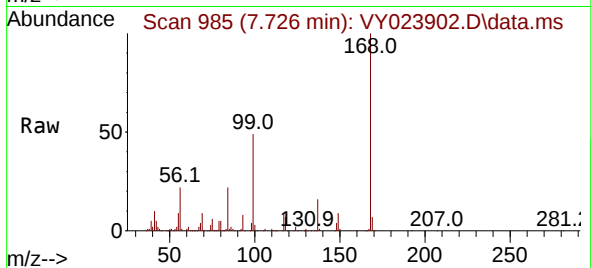




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

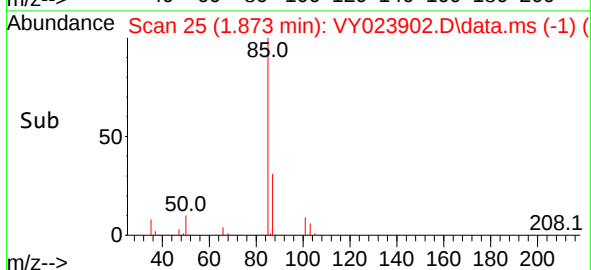
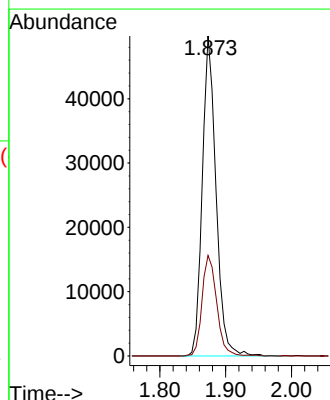
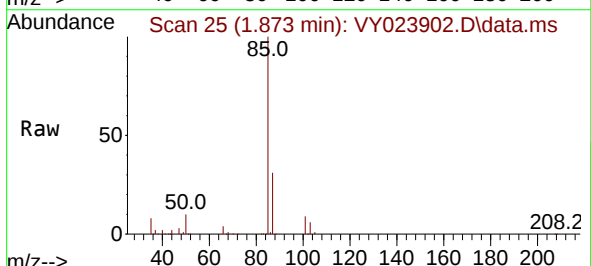
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

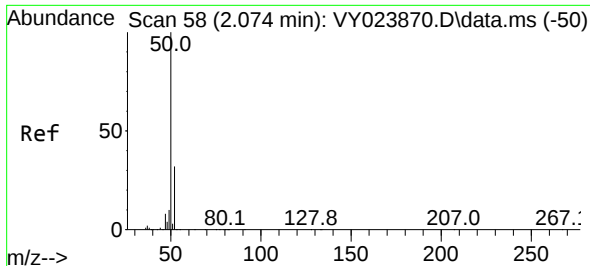
Tgt Ion:168 Resp: 563250
Ion Ratio Lower Upper
168 100
99 48.6 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 16.950 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 85 Resp: 72212
Ion Ratio Lower Upper
85 100
87 31.4 15.9 47.6

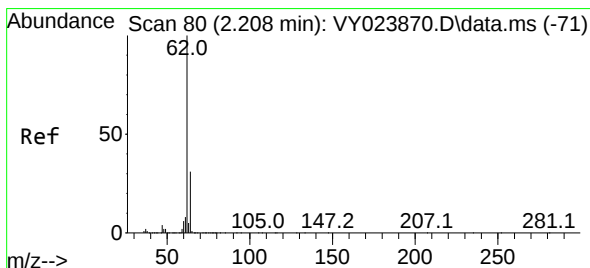
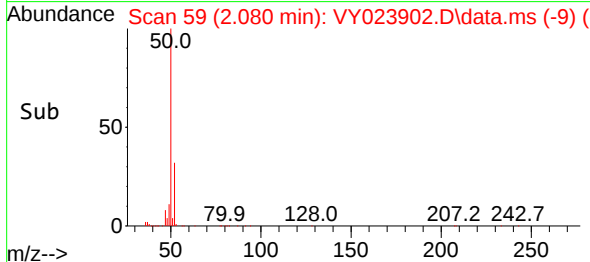
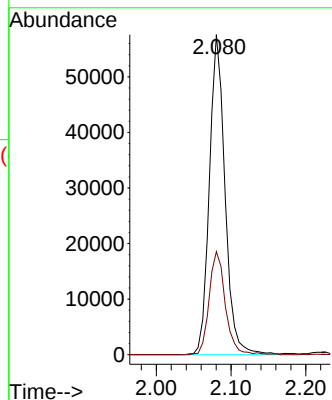
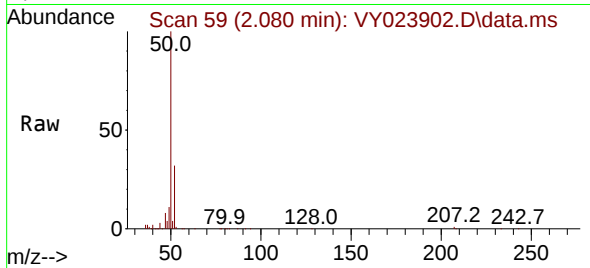




#3
Chloromethane
Concen: 13.783 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

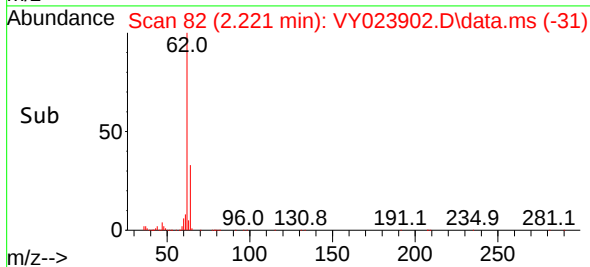
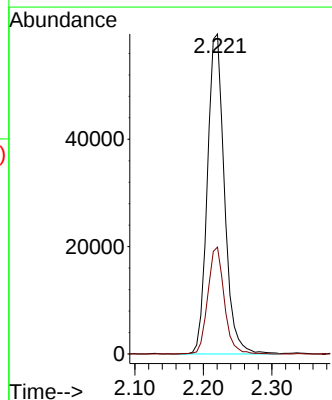
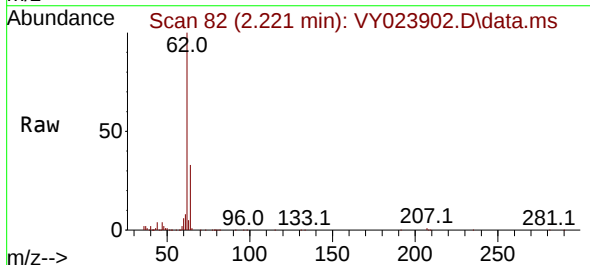
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

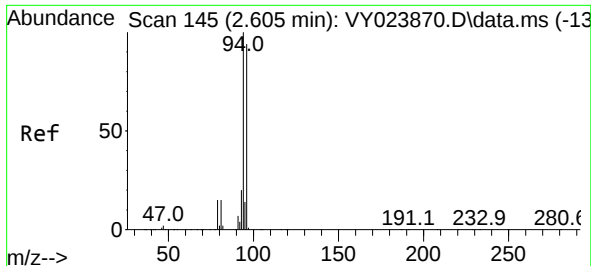
Tgt Ion: 50 Resp: 83762
Ion Ratio Lower Upper
50 100
52 32.2 25.2 37.8



#4
Vinyl Chloride
Concen: 14.897 ug/l
RT: 2.221 min Scan# 82
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 62 Resp: 103268
Ion Ratio Lower Upper
62 100
64 33.4 25.1 37.7





#5

Bromomethane

Concen: 18.896 ug/l

RT: 2.611 min Scan# 145

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

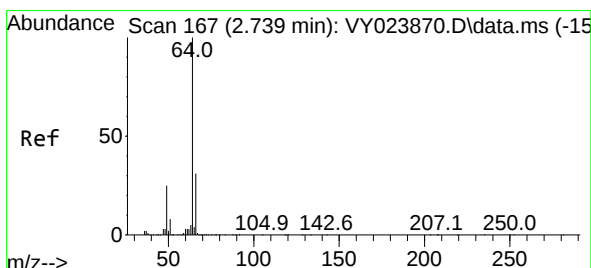
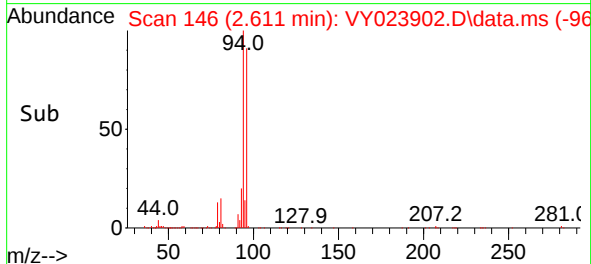
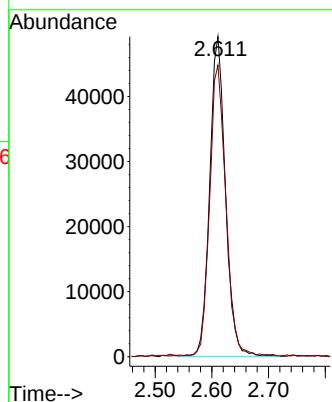
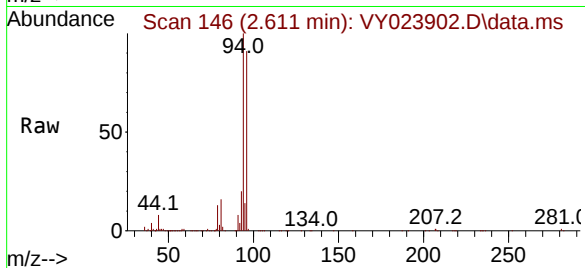
VY1209SBS02

Tgt Ion: 94 Resp: 94578

Ion Ratio Lower Upper

94 100

96 91.0 75.2 112.8



#6

Chloroethane

Concen: 15.541 ug/l

RT: 2.751 min Scan# 169

Delta R.T. 0.012 min

Lab File: VY023902.D

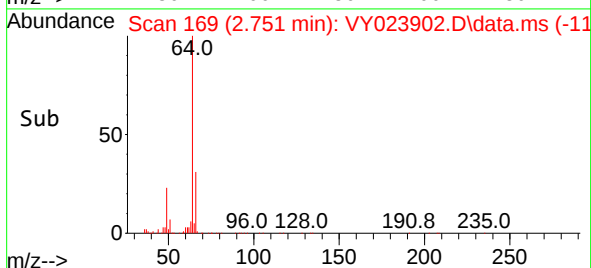
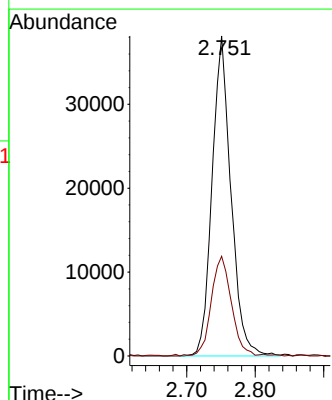
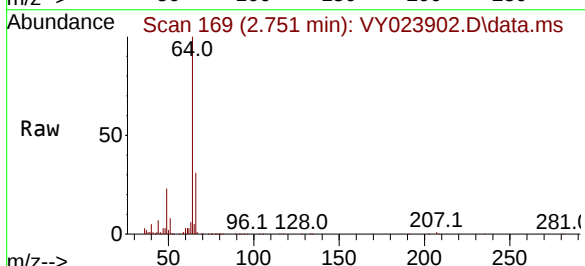
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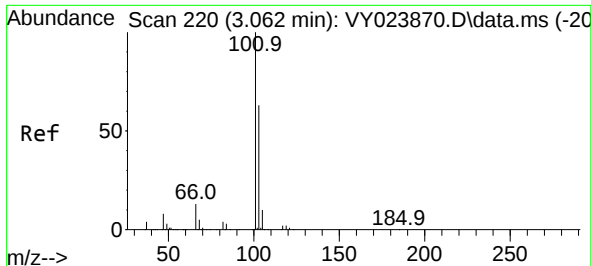
Tgt Ion: 64 Resp: 73041

Ion Ratio Lower Upper

64 100

66 31.1 24.8 37.2

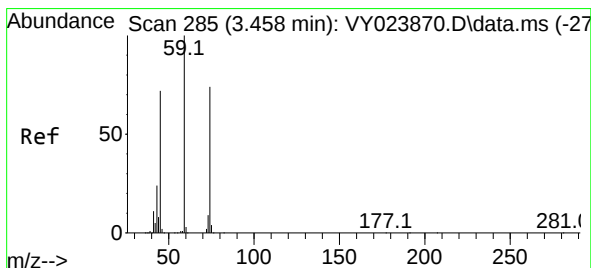
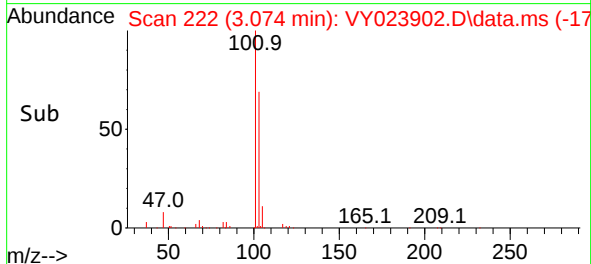
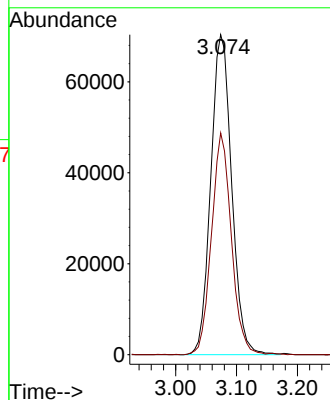
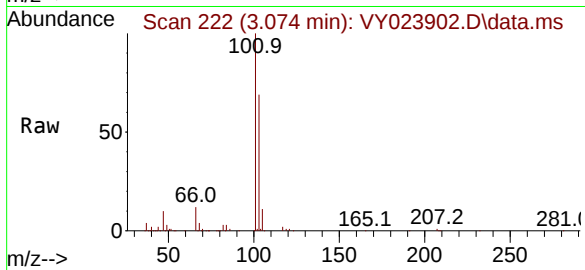




#7
Trichlorofluoromethane
Concen: 17.274 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

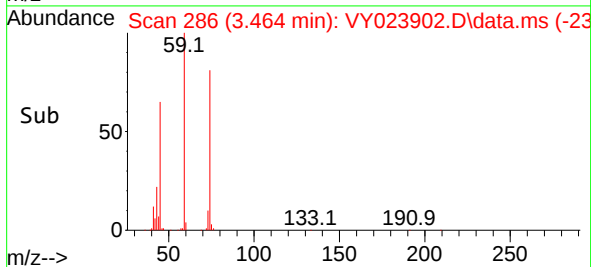
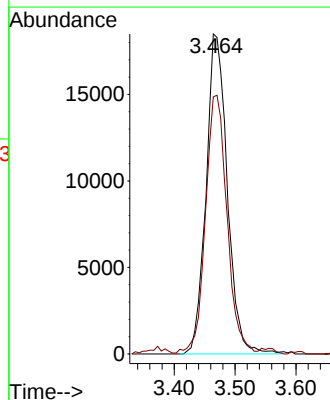
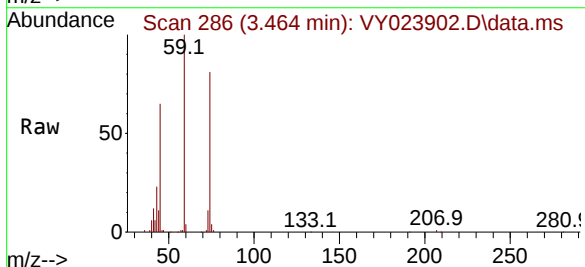
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

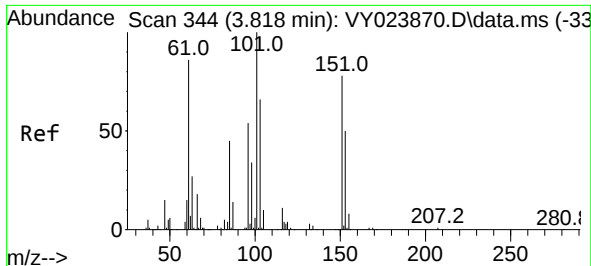
Tgt Ion:101 Resp: 167434
Ion Ratio Lower Upper
101 100
103 69.3 50.2 75.2



#8
Diethyl Ether
Concen: 15.413 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 74 Resp: 44757
Ion Ratio Lower Upper
74 100
45 82.4 48.4 145.3

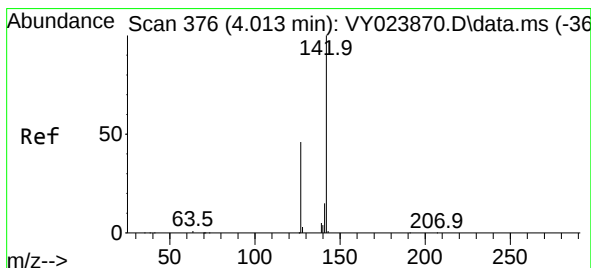
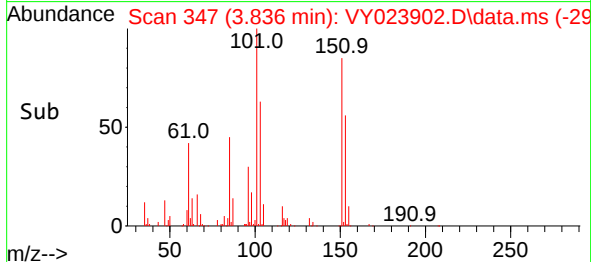
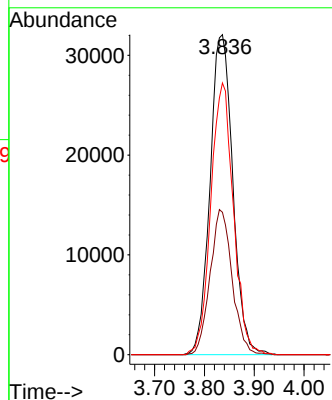
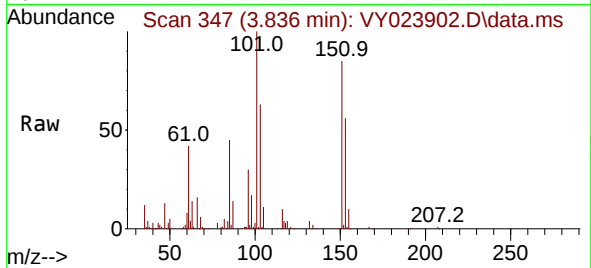




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.531 ug/l
RT: 3.836 min Scan# 344
Delta R.T. 0.018 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

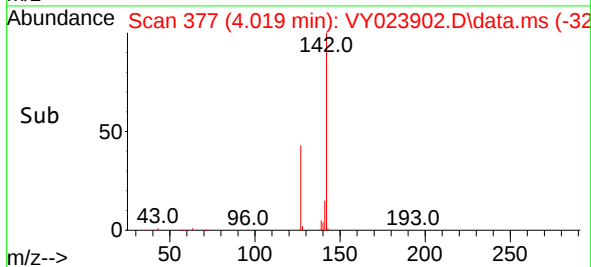
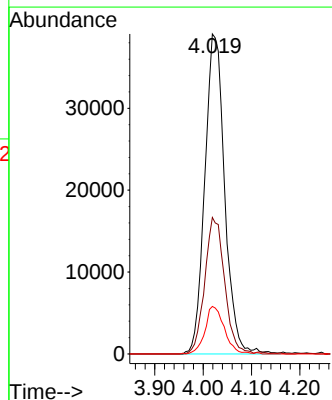
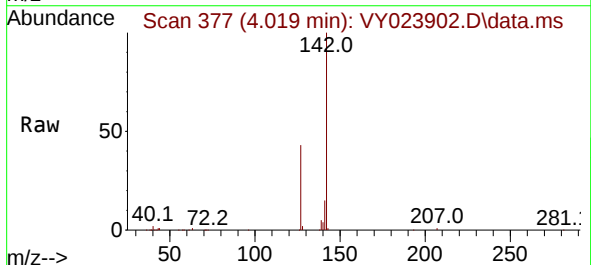
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD02

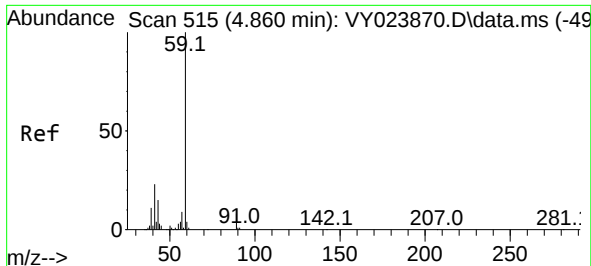
Tgt Ion:101 Resp: 101811
Ion Ratio Lower Upper
101 100
85 43.9 35.8 53.8
151 84.2 63.4 95.0



#10
Methyl Iodide
Concen: 18.947 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion:142 Resp: 111748
Ion Ratio Lower Upper
142 100
127 42.4 36.1 54.1
141 14.4 11.8 17.8





#11

Tert butyl alcohol

Concen: 43.011 ug/l

RT: 4.891 min Scan# 51

Delta R.T. 0.031 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

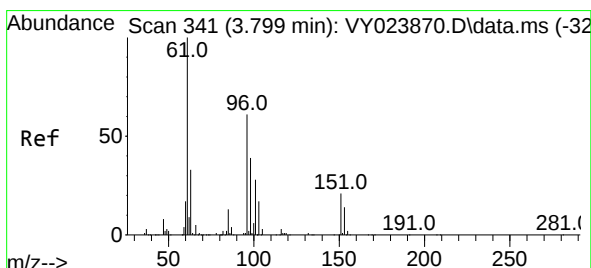
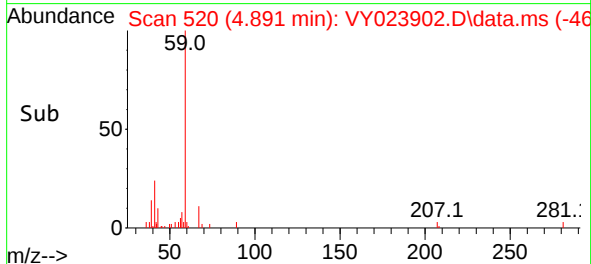
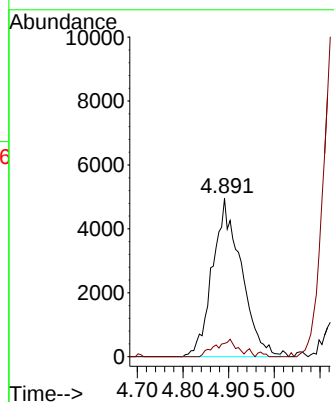
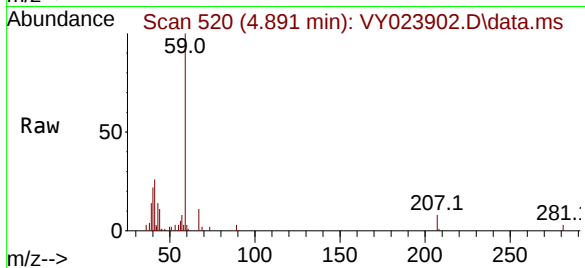
VY1209SBS02

Tgt Ion: 59 Resp: 21612

Ion Ratio Lower Upper

59 100

57 7.9 7.7 11.5



#12

1,1-Dichloroethene

Concen: 16.573 ug/l

RT: 3.806 min Scan# 342

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

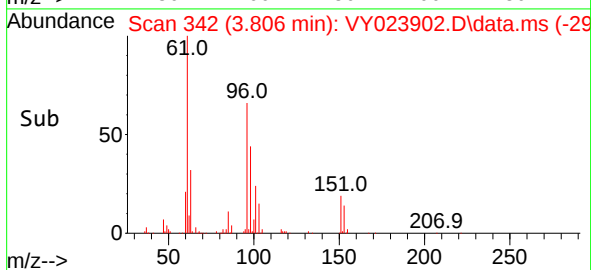
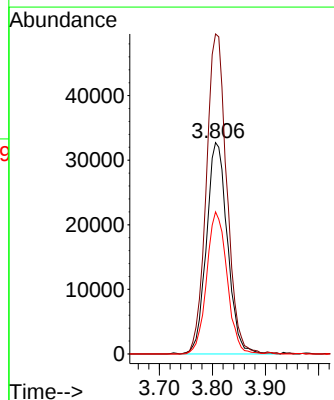
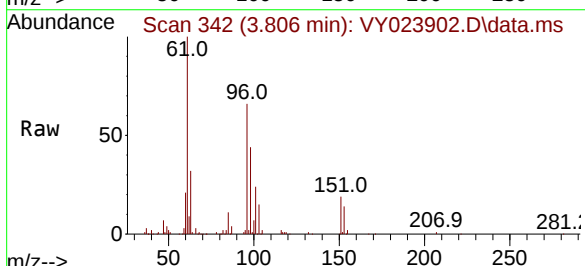
Tgt Ion: 96 Resp: 89928

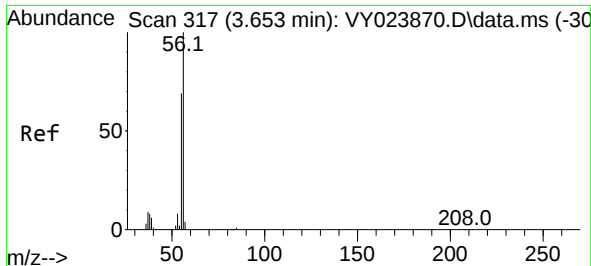
Ion Ratio Lower Upper

96 100

61 151.3 131.2 196.8

98 67.2 51.3 76.9





#13

Acrolein

Concen: 76.896 ug/l

RT: 3.672 min Scan# 317

Delta R.T. 0.018 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

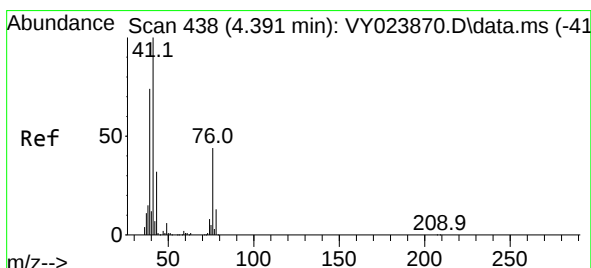
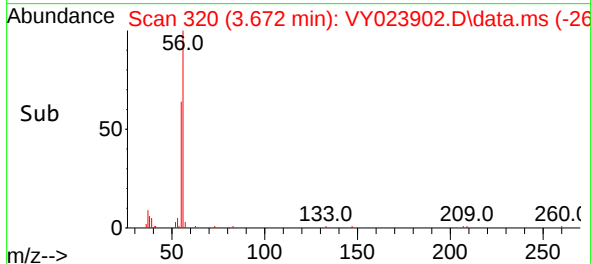
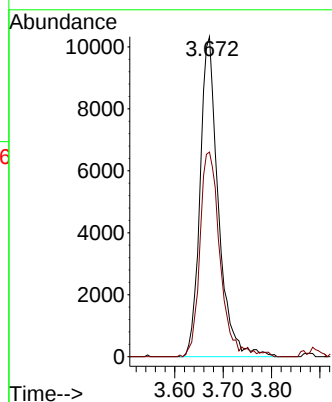
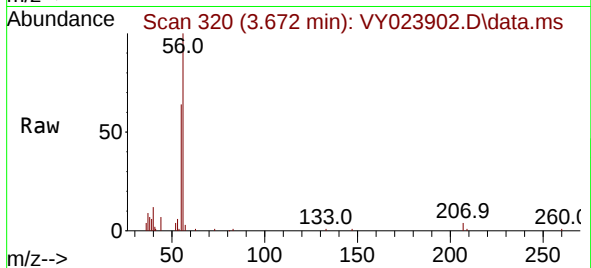
VY1209SBS02

Tgt Ion: 56 Resp: 27049

Ion Ratio Lower Upper

56 100

55 70.6 59.0 88.6



#14

Allyl chloride

Concen: 13.564 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

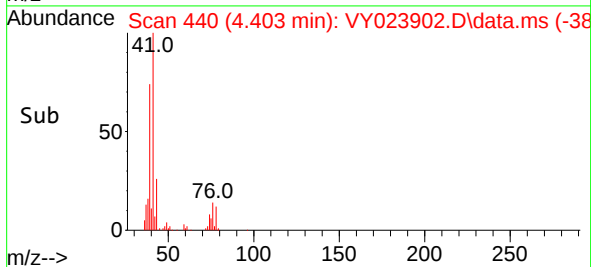
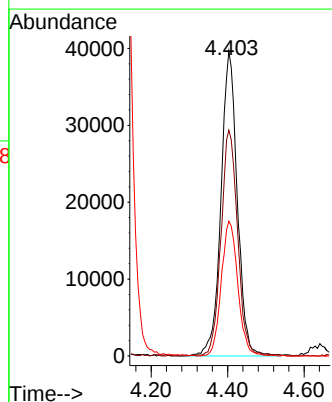
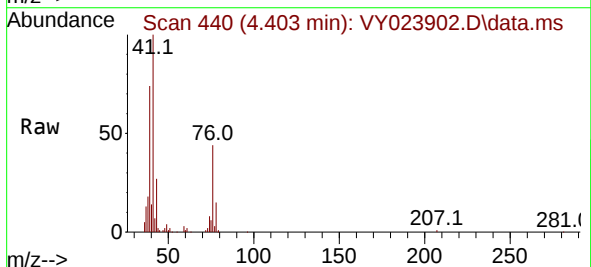
Tgt Ion: 41 Resp: 117676

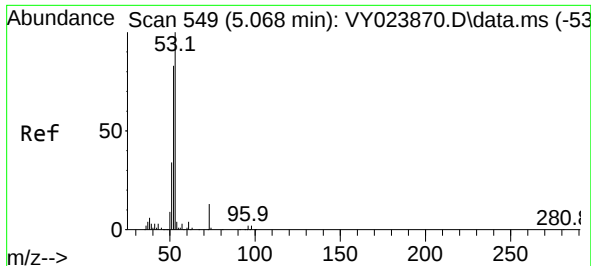
Ion Ratio Lower Upper

41 100

39 75.6 57.4 86.0

76 44.7 30.8 46.2

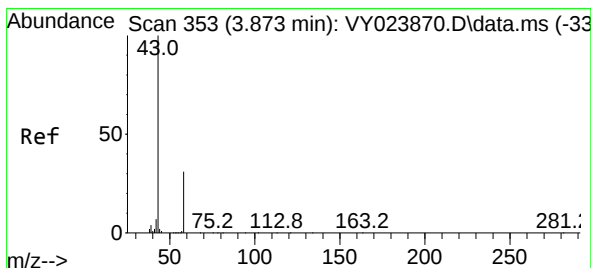
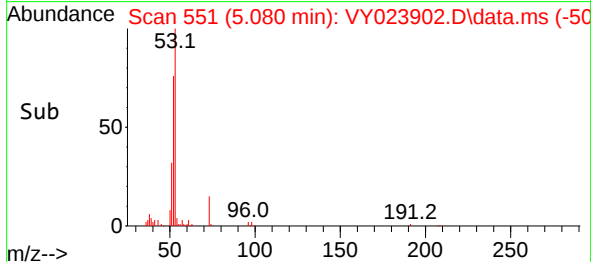
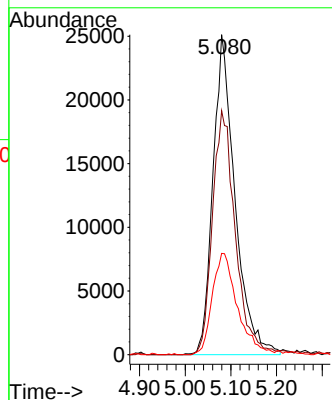
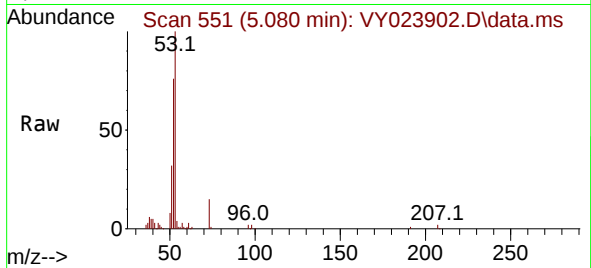




#15
Acrylonitrile
Concen: 66.444 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

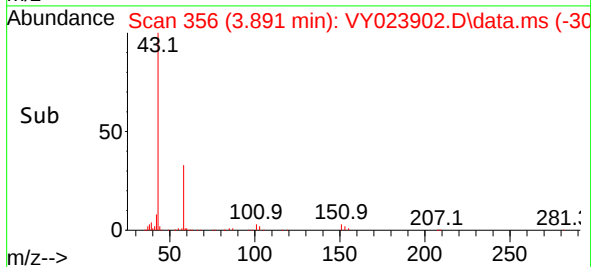
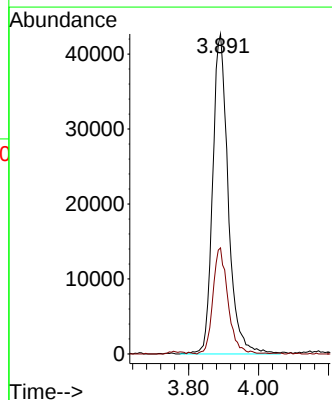
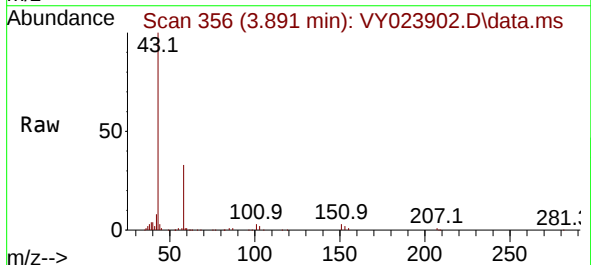
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

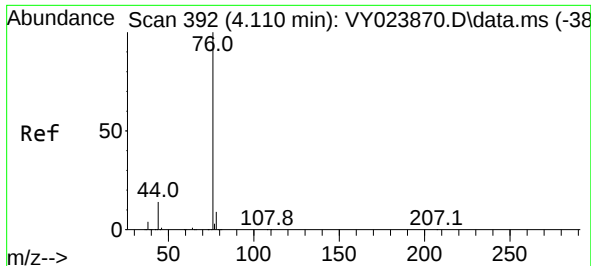
Tgt Ion: 53 Resp: 83974
Ion Ratio Lower Upper
53 100
52 78.9 65.1 97.7
51 36.1 29.5 44.3



#16
Acetone
Concen: 78.129 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.018 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 43 Resp: 131913
Ion Ratio Lower Upper
43 100
58 32.9 25.1 37.7

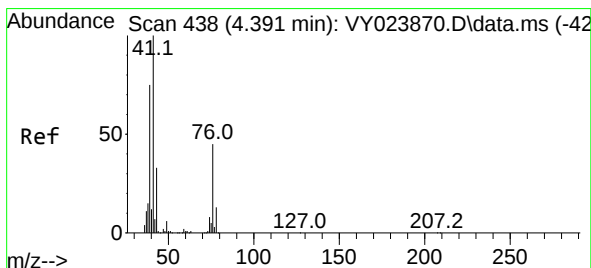
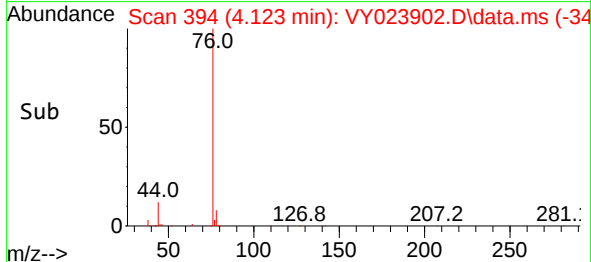
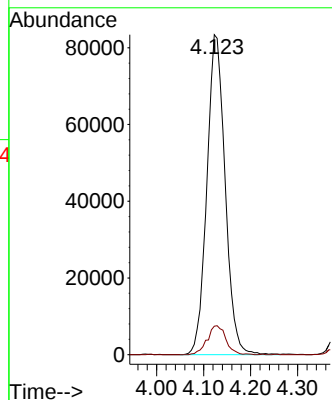
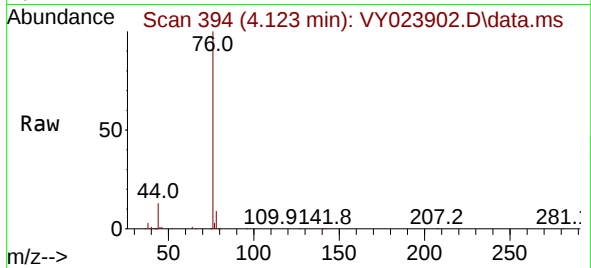




#17
Carbon Disulfide
Concen: 14.033 ug/l
RT: 4.123 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

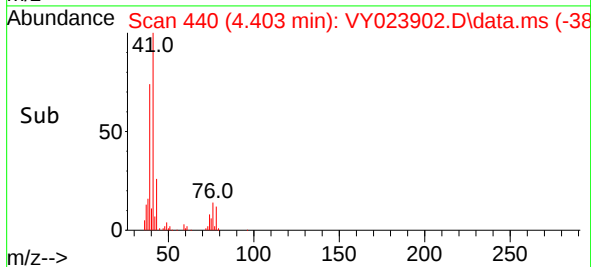
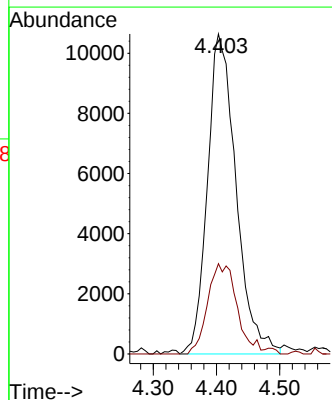
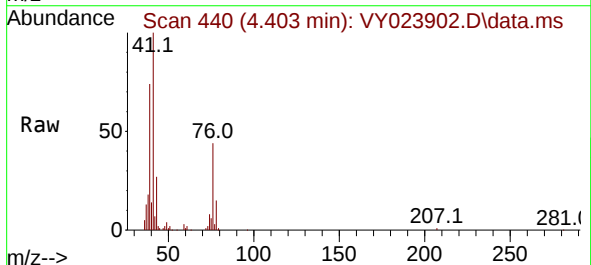
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

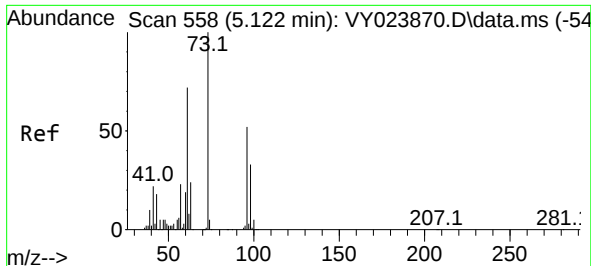
Tgt Ion: 76 Resp: 224977
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 11.679 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 43 Resp: 33447
Ion Ratio Lower Upper
43 100
74 28.9 19.6 29.4

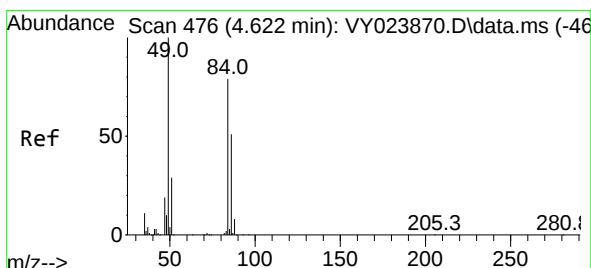
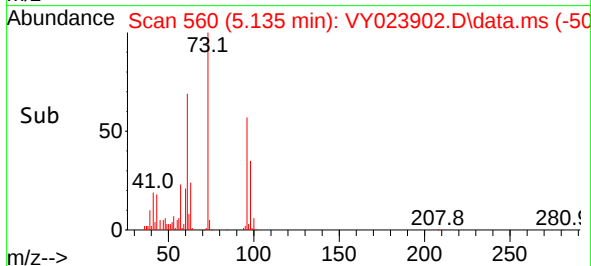
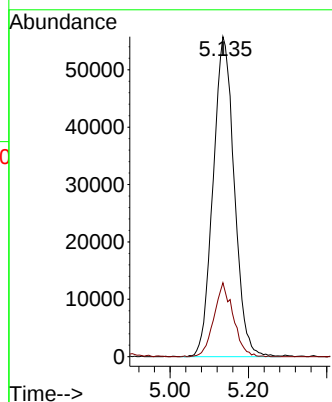
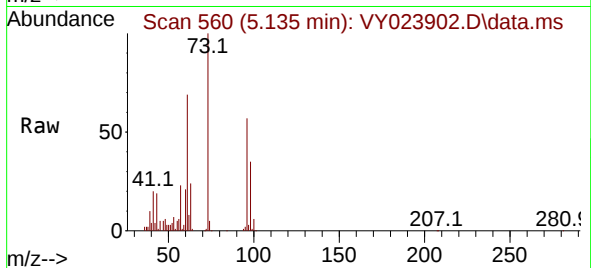




#19
Methyl tert-butyl Ether
Concen: 15.368 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

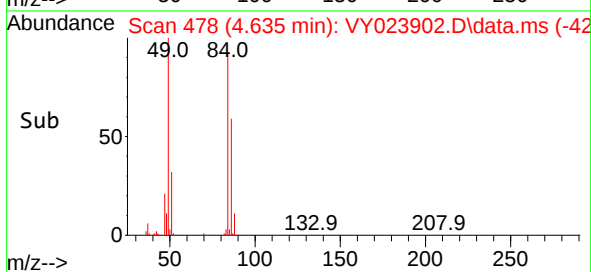
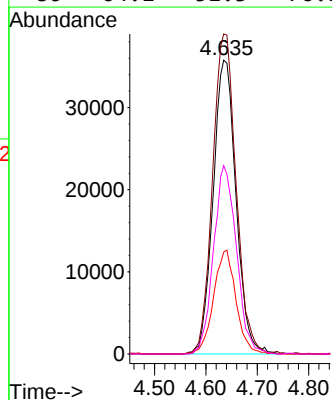
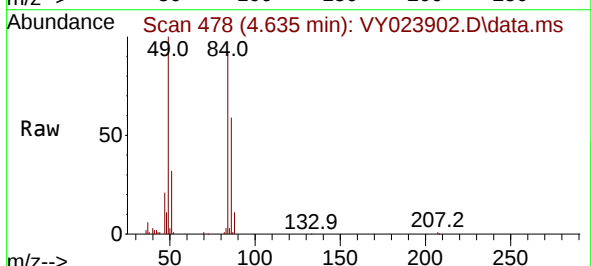
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

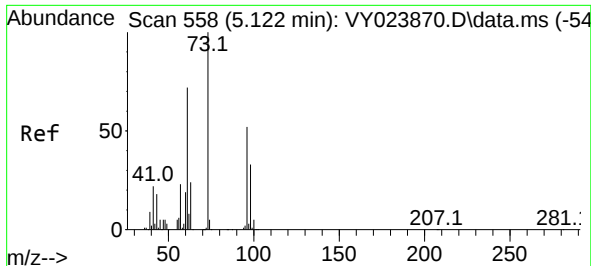
Tgt Ion: 73 Resp: 209463
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.2



#20
Methylene Chloride
Concen: 16.991 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 84 Resp: 110833
Ion Ratio Lower Upper
84 100
49 108.9 100.6 151.0
51 34.7 29.0 43.6
86 64.1 51.3 76.9

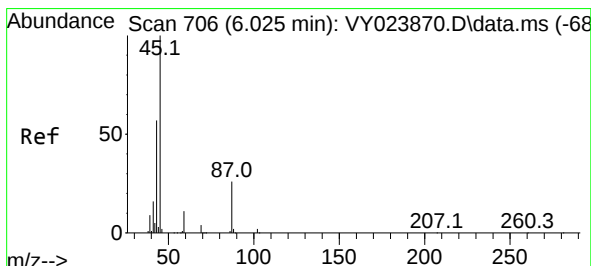
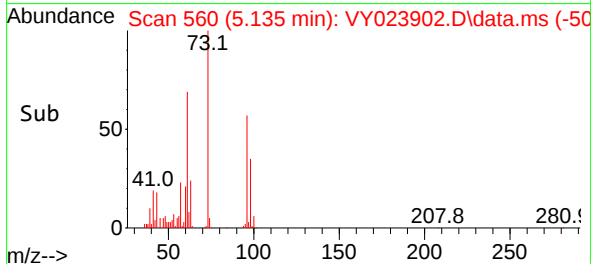
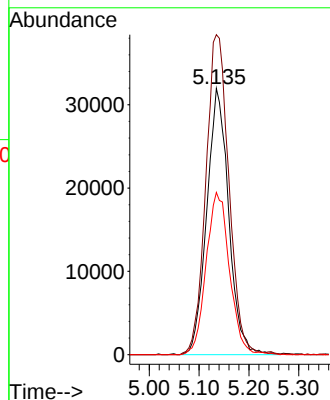
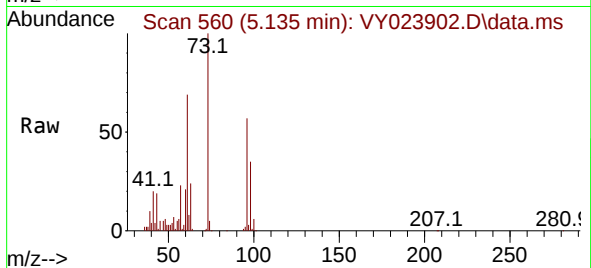




#21
trans-1,2-Dichloroethene
Concen: 16.326 ug/l
RT: 5.135 min Scan# 501
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

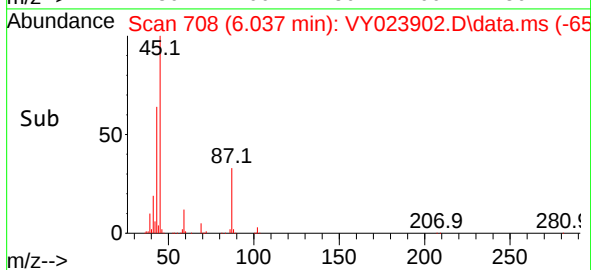
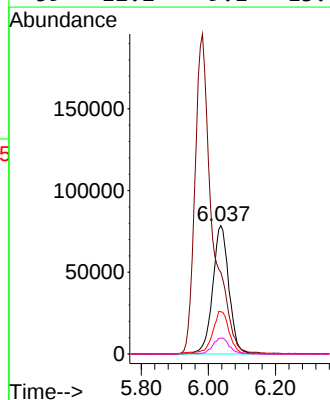
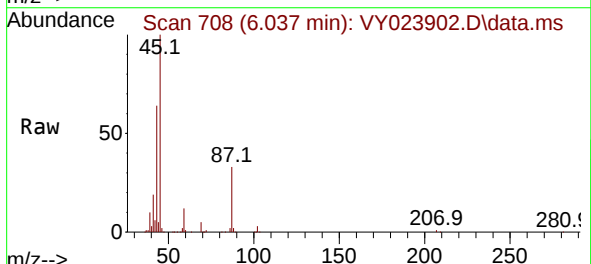
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD02

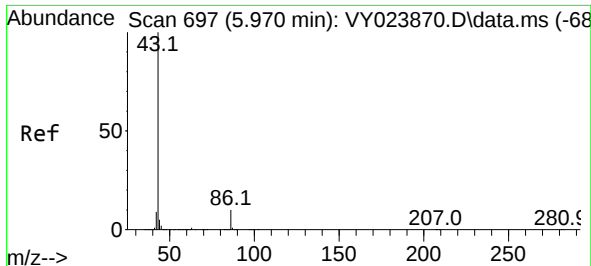
Tgt Ion: 96 Resp: 97737
Ion Ratio Lower Upper
96 100
61 120.2 111.7 167.5
98 61.0 51.5 77.3



#22
Diisopropyl ether
Concen: 13.736 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 45 Resp: 262387
Ion Ratio Lower Upper
45 100
43 63.3 45.5 68.3
87 32.9 20.7 31.1#
59 12.2 9.1 13.7

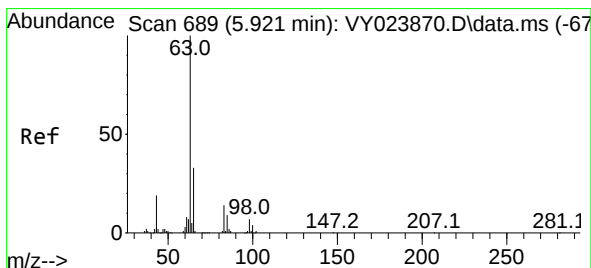
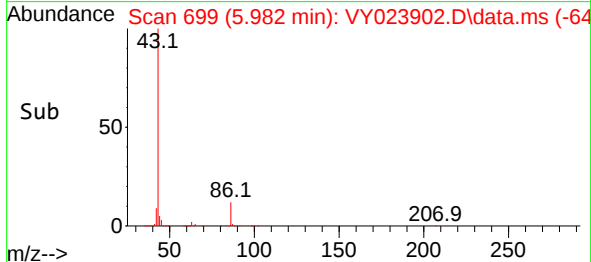
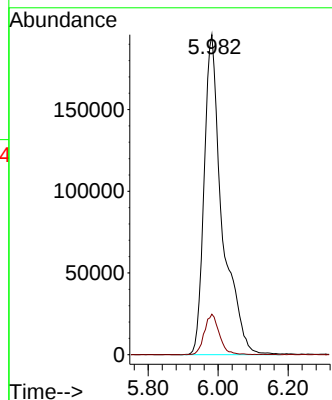
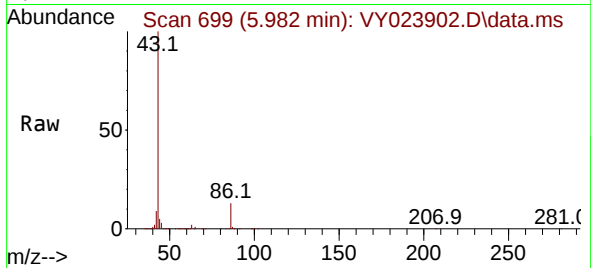




#23
 Vinyl Acetate
 Concen: 66.329 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY023902.D
 Acq: 09 Dec 2025 12:44

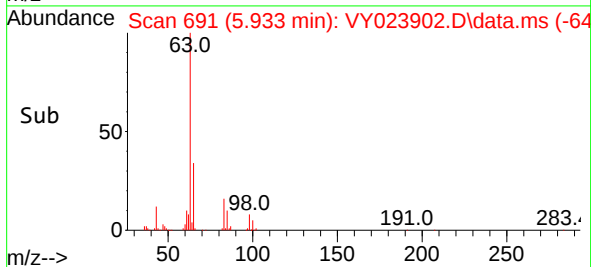
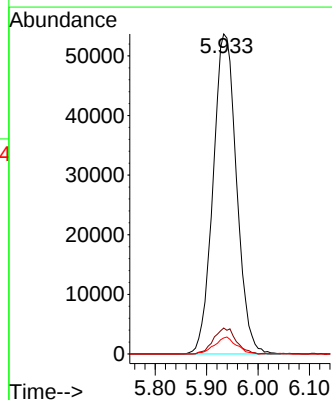
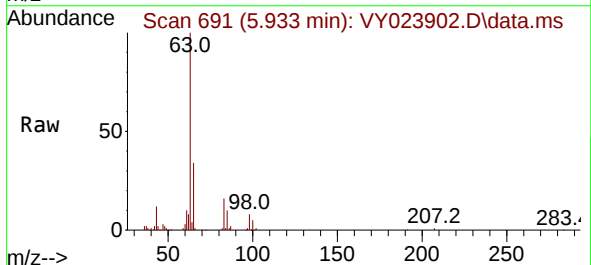
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS02

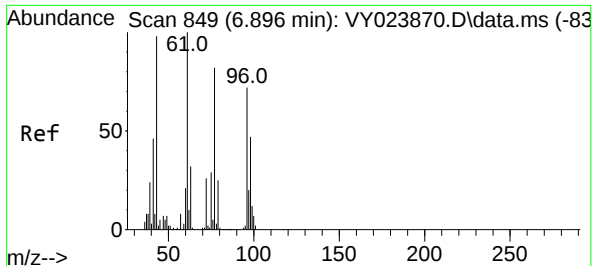
Tgt Ion: 43 Resp: 702313
 Ion Ratio Lower Upper
 43 100
 86 12.6 8.2 12.4#



#24
 1,1-Dichloroethane
 Concen: 15.436 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY023902.D
 Acq: 09 Dec 2025 12:44

Tgt Ion: 63 Resp: 170364
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.4 10.1
 100 5.0 2.2 6.6

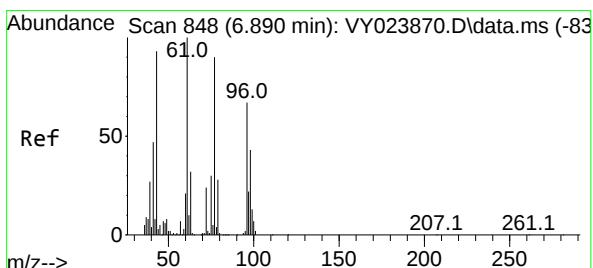
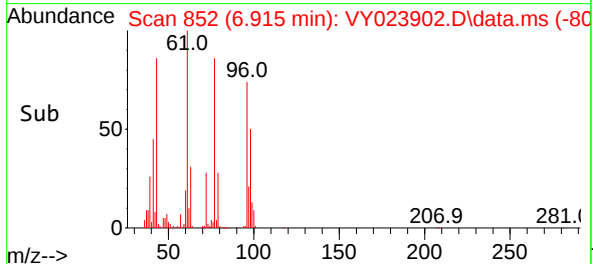
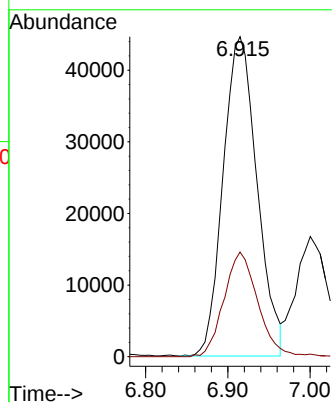
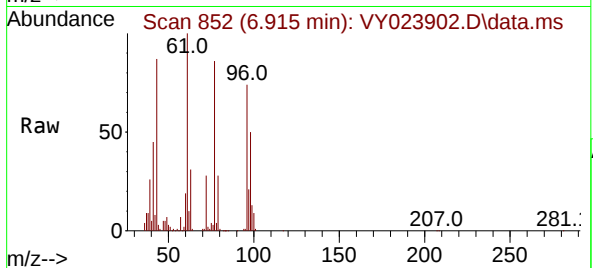




#25
2-Butanone
Concen: 62.959 ug/l
RT: 6.915 min Scan# 81
Delta R.T. 0.018 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

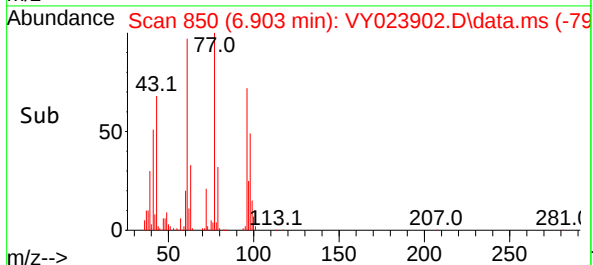
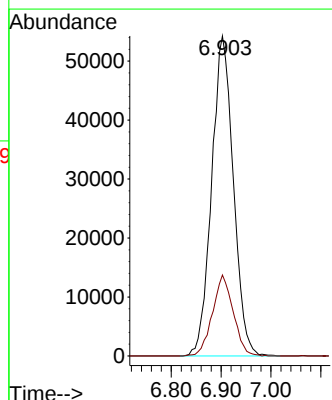
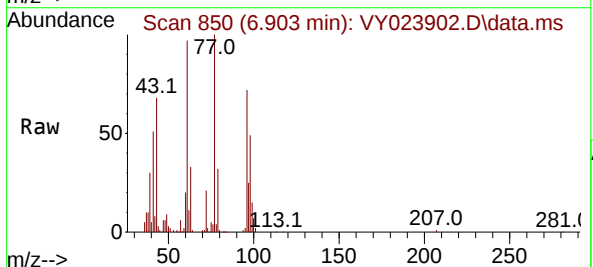
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD02

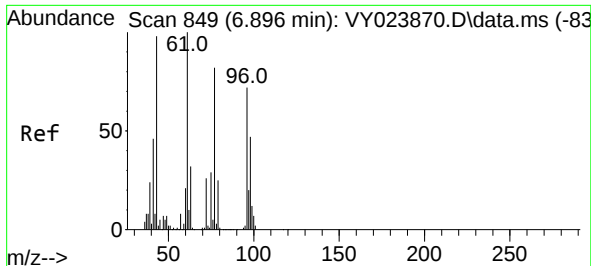
Tgt Ion: 43 Resp: 128146
Ion Ratio Lower Upper
43 100
72 32.8 21.0 31.6#



#26
2,2-Dichloropropane
Concen: 16.220 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 77 Resp: 164074
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 16.634 ug/l

RT: 6.909 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBSD02

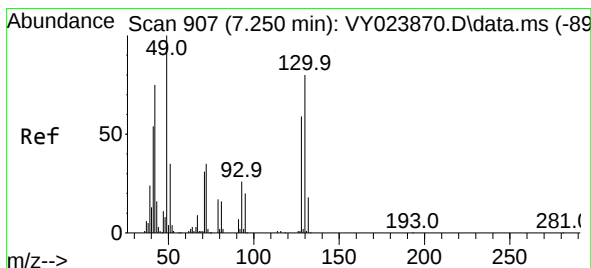
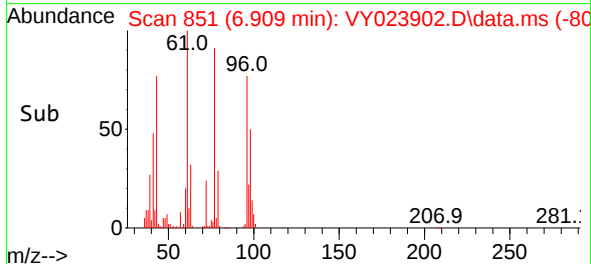
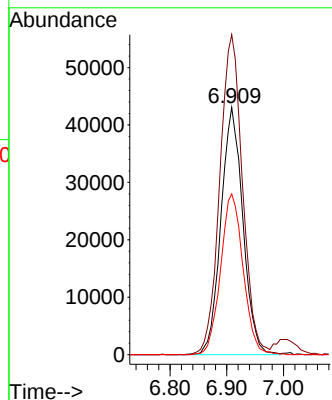
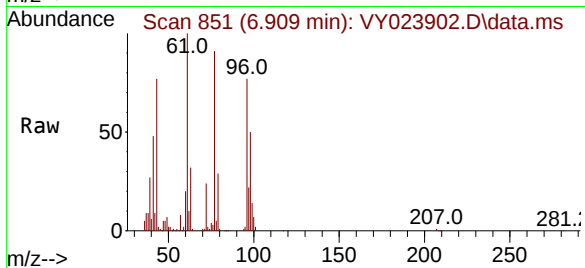
Tgt Ion: 96 Resp: 115633

Ion Ratio Lower Upper

96 100

61 134.0 0.0 292.8

98 66.8 0.0 128.4



#28

Bromochloromethane

Concen: 11.773 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

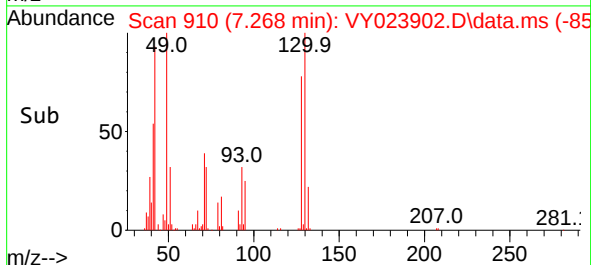
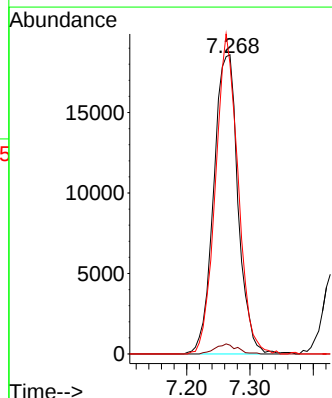
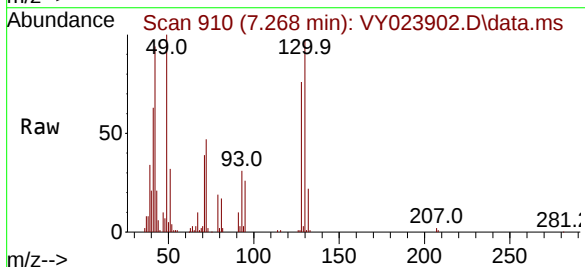
Tgt Ion: 49 Resp: 49646

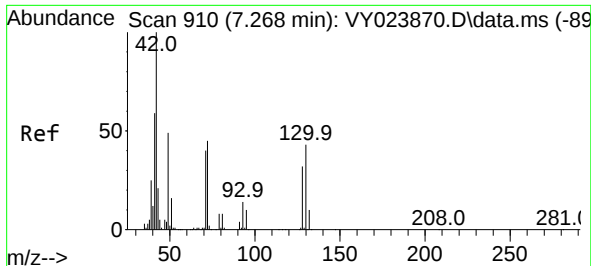
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.2

130 99.1 61.0 91.6#





#29

Tetrahydrofuran

Concen: 57.410 ug/l

RT: 7.281 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS02

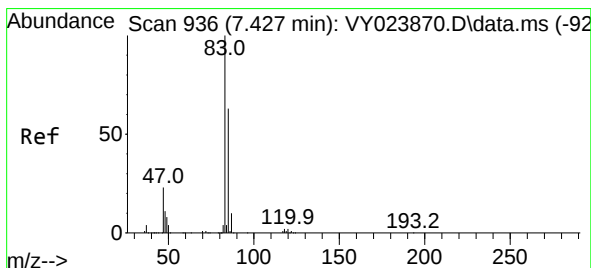
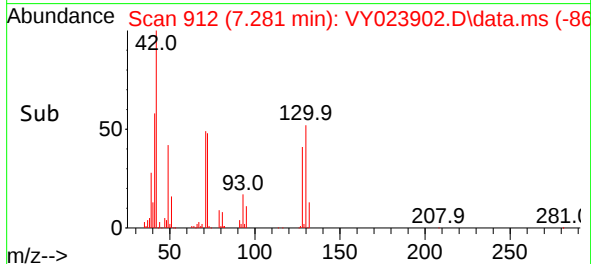
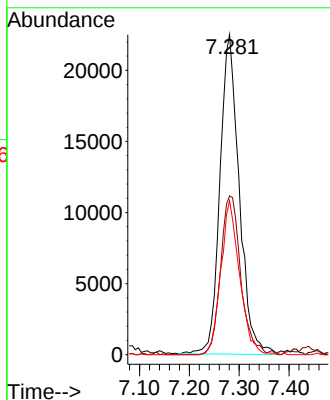
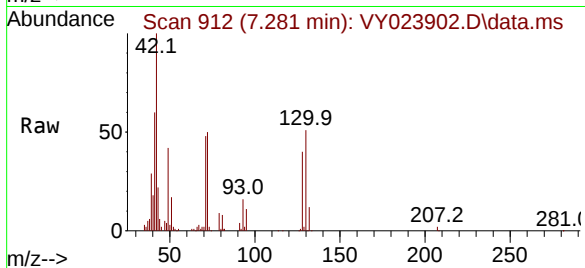
Tgt Ion: 42 Resp: 60432

Ion Ratio Lower Upper

42 100

72 51.9 35.6 53.4

71 47.0 32.5 48.7



#30

Chloroform

Concen: 16.545 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY023902.D

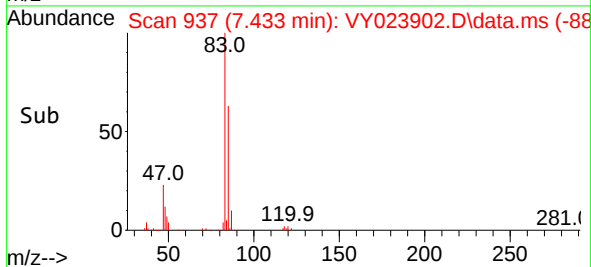
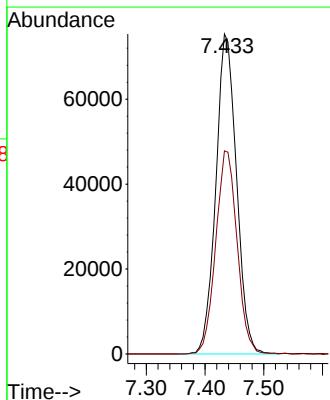
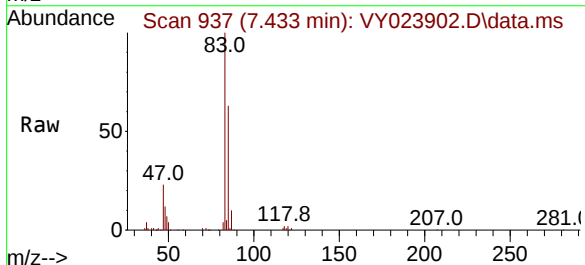
Acq: 09 Dec 2025 12:44

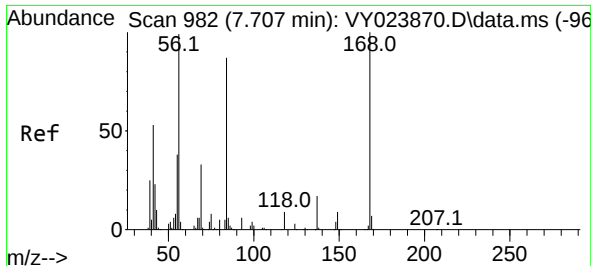
Tgt Ion: 83 Resp: 184517

Ion Ratio Lower Upper

83 100

85 63.4 50.6 76.0

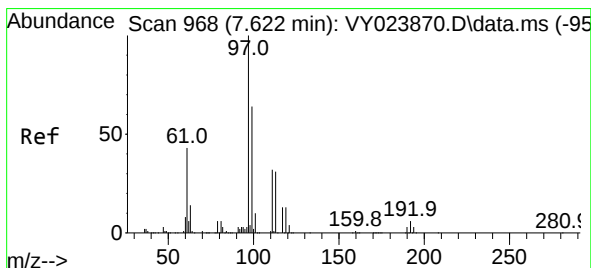
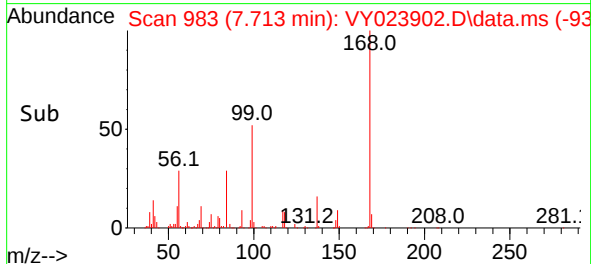
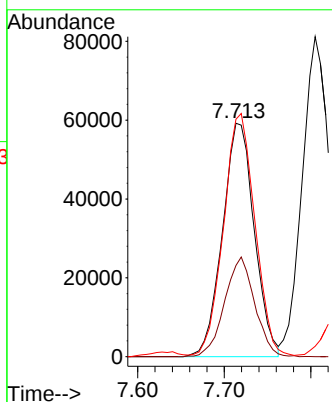
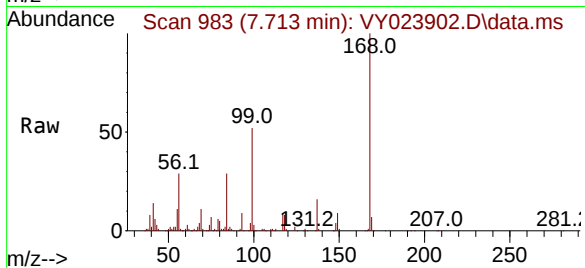




#31
Cyclohexane
Concen: 14.335 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

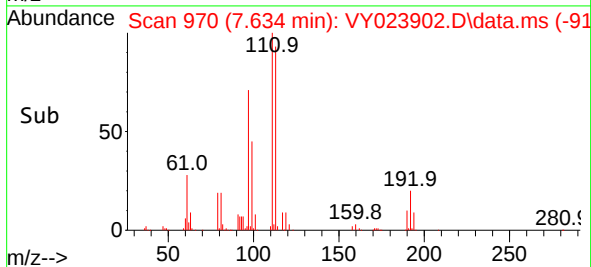
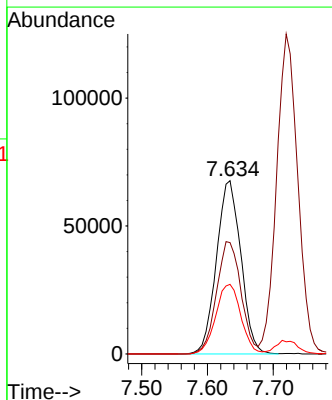
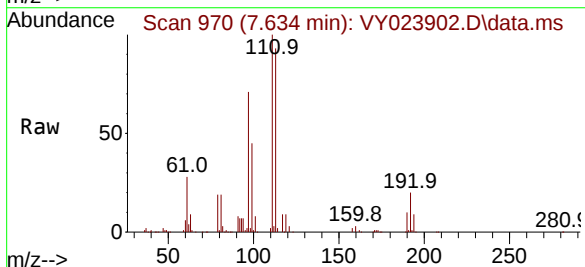
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

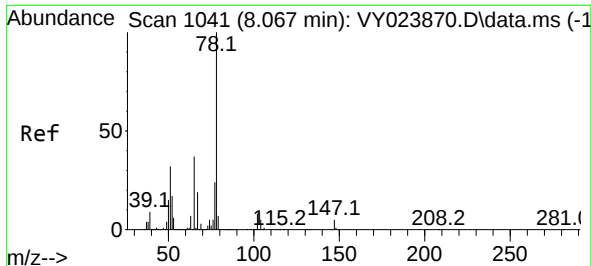
Tgt Ion: 56 Resp: 151265
Ion Ratio Lower Upper
56 100
69 39.1 26.8 40.2
84 100.5 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 17.407 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 97 Resp: 175244
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 41.3 34.9 52.3

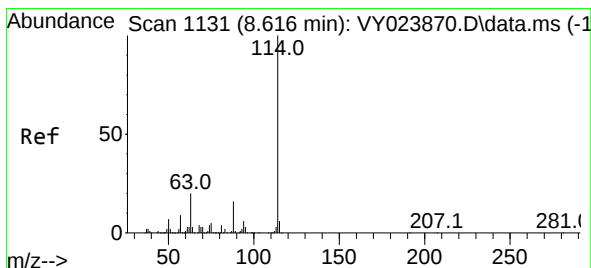
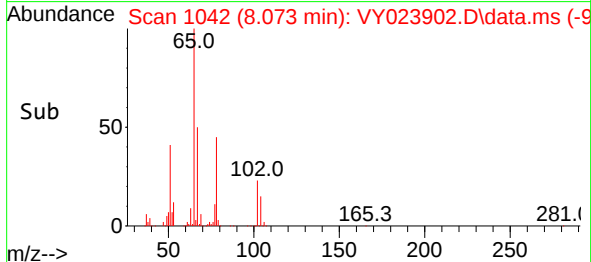
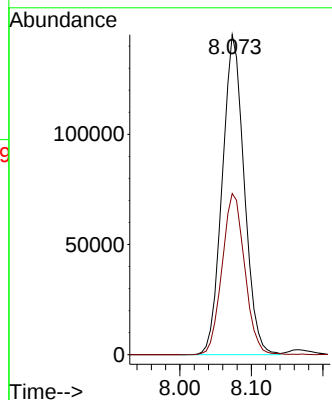
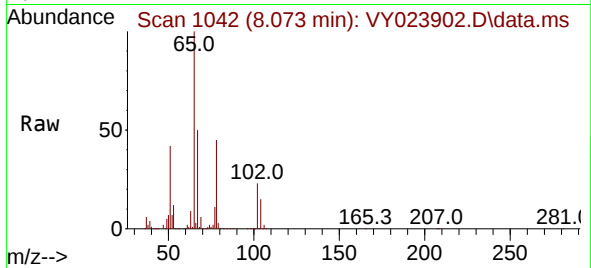




#33
1,2-Dichloroethane-d4
Concen: 54.976 ug/l
RT: 8.073 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

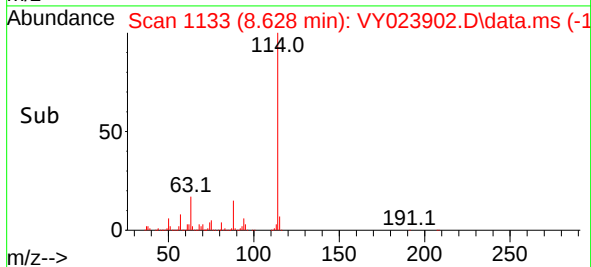
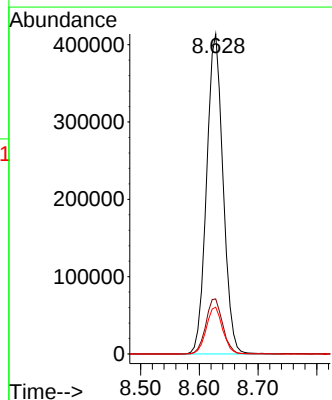
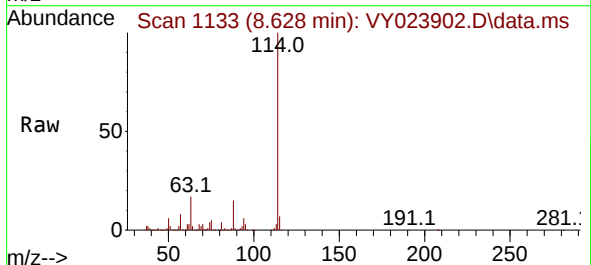
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD02

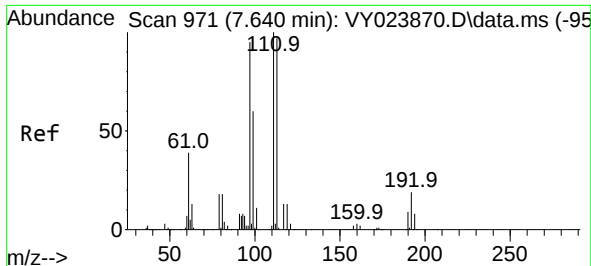
Tgt Ion: 65 Resp: 309762
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion:114 Resp: 805086
Ion Ratio Lower Upper
114 100
63 17.2 0.0 39.2
88 14.6 0.0 31.4

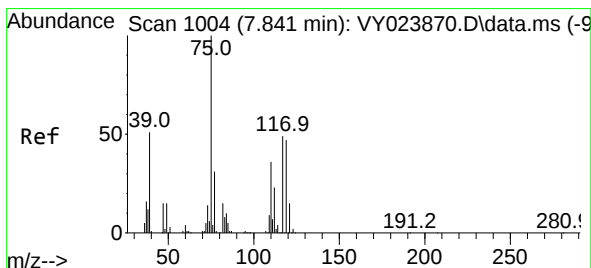
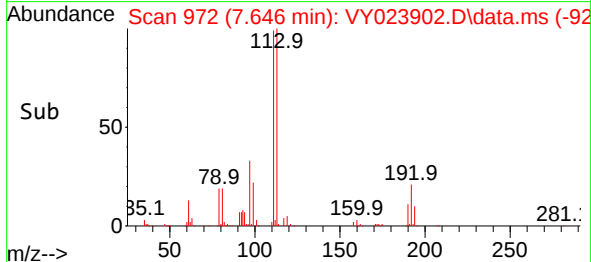
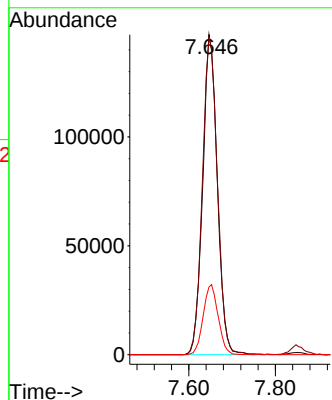
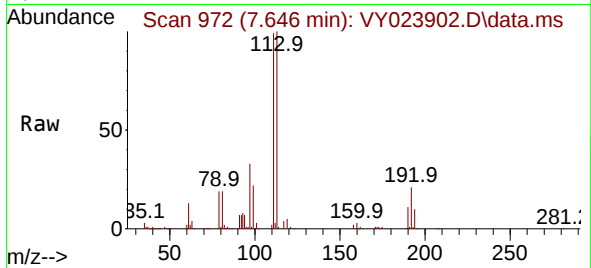




#35
Dibromofluoromethane
Concen: 66.749 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

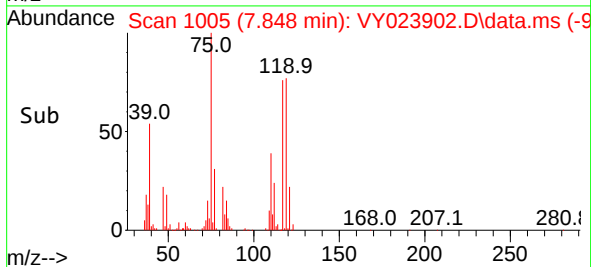
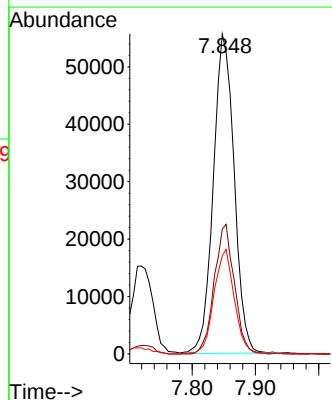
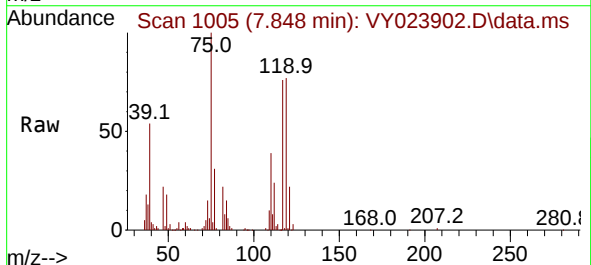
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

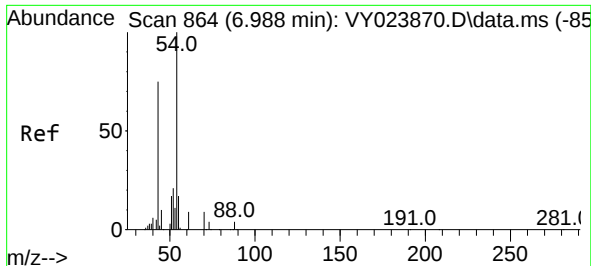
Tgt Ion:113 Resp: 344665
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 22.4 15.8 23.8



#36
1,1-Dichloropropene
Concen: 16.739 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 75 Resp: 127446
Ion Ratio Lower Upper
75 100
110 39.0 17.6 52.9
77 31.8 24.6 37.0





#37

Ethyl Acetate

Concen: 13.573 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS02

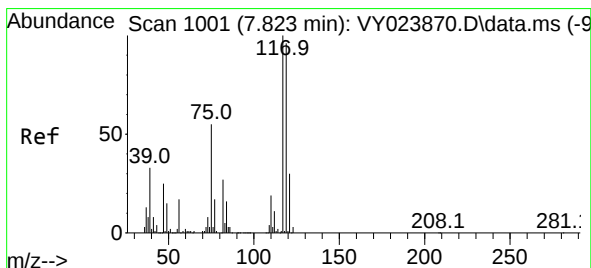
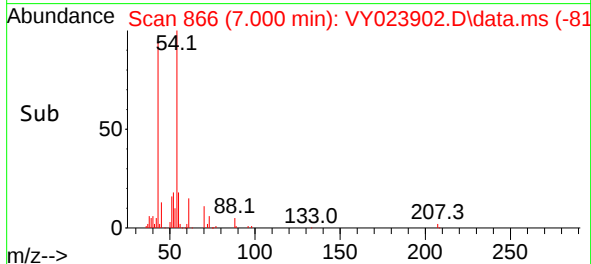
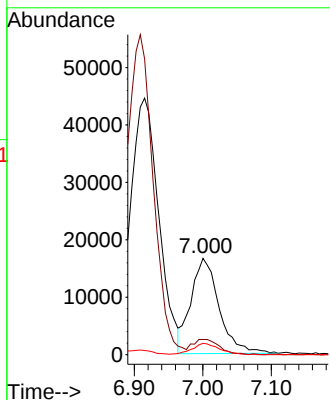
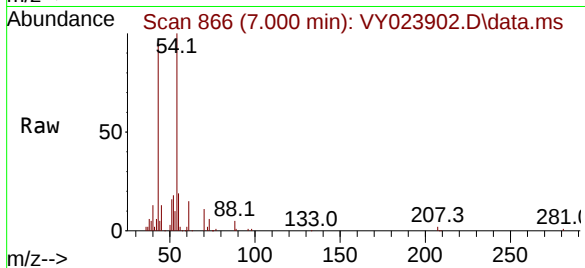
Tgt Ion: 43 Resp: 47722

Ion Ratio Lower Upper

43 100

61 15.2 11.0 16.4

70 11.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.287 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

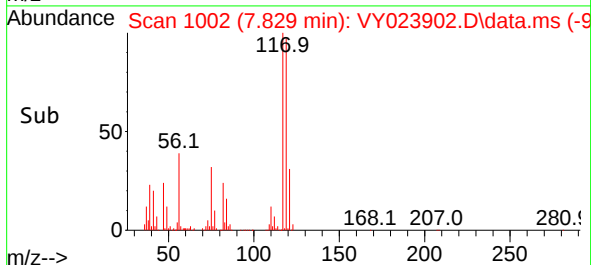
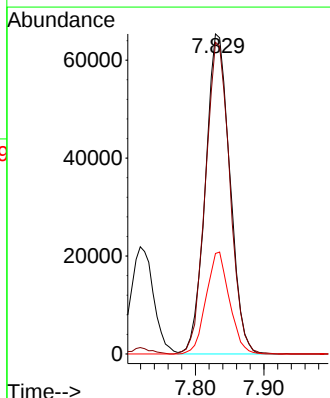
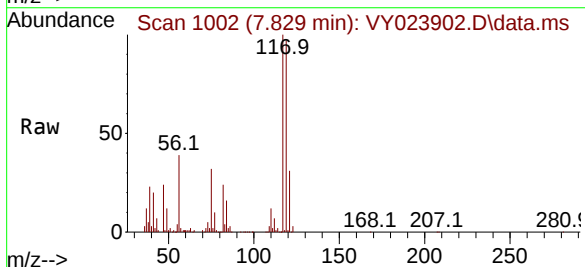
Tgt Ion: 117 Resp: 162070

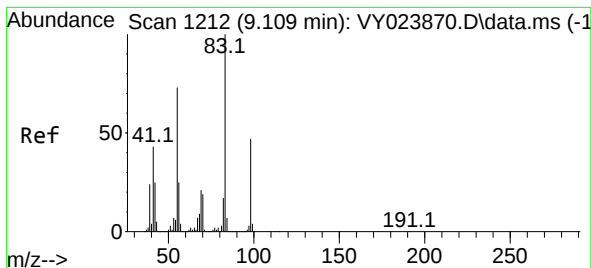
Ion Ratio Lower Upper

117 100

119 97.4 77.0 115.6

121 31.4 23.9 35.9





#39

Methylcyclohexane

Concen: 17.131 ug/l

RT: 9.122 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS02

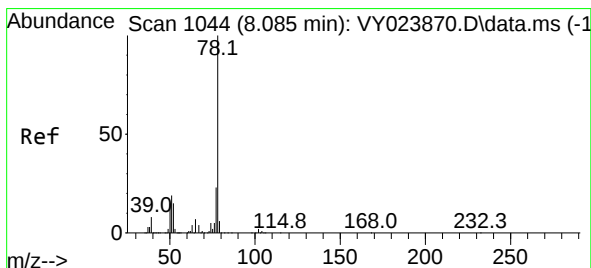
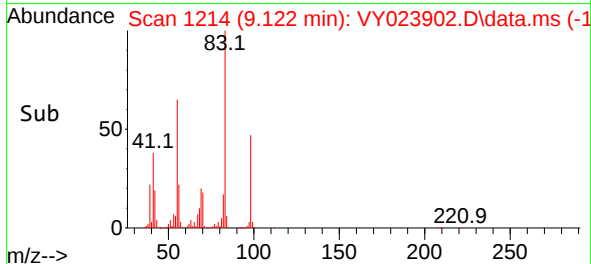
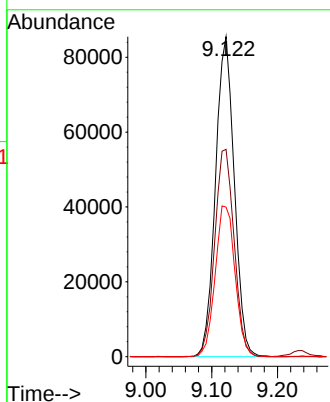
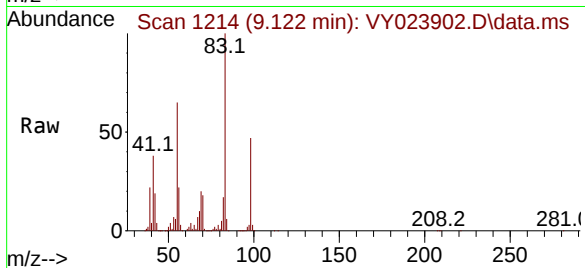
Tgt Ion: 83 Resp: 169781

Ion Ratio Lower Upper

83 100

55 64.8 58.8 88.2

98 46.8 37.8 56.6



#40

Benzene

Concen: 17.153 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY023902.D

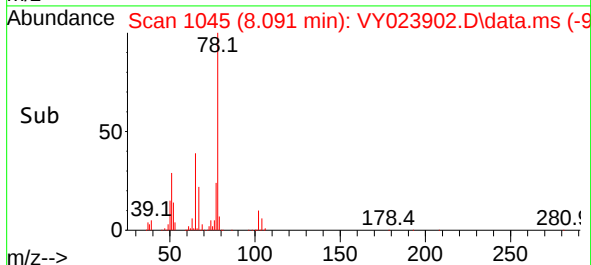
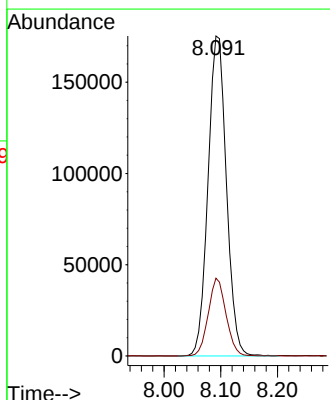
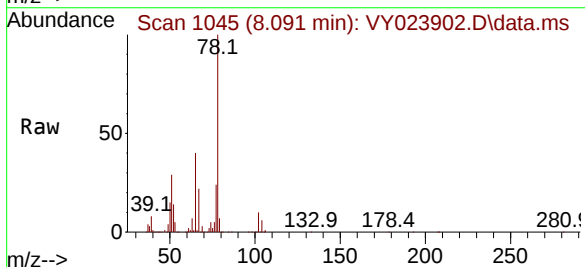
Acq: 09 Dec 2025 12:44

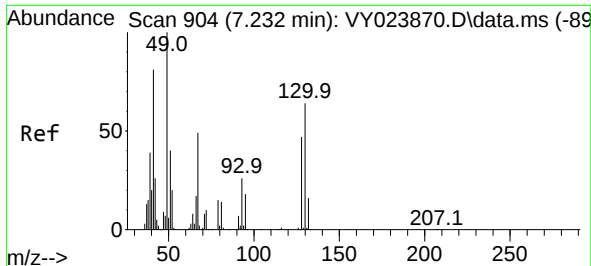
Tgt Ion: 78 Resp: 394760

Ion Ratio Lower Upper

78 100

77 24.3 18.6 28.0

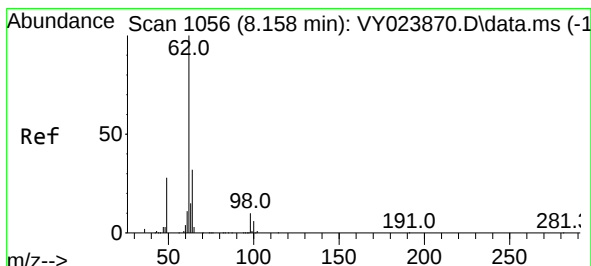
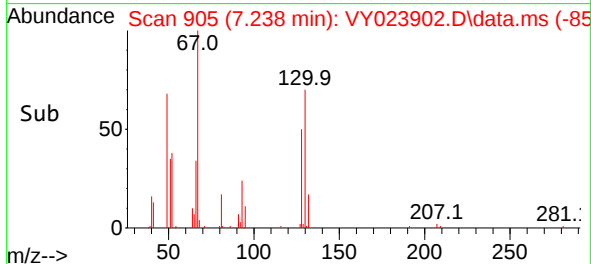
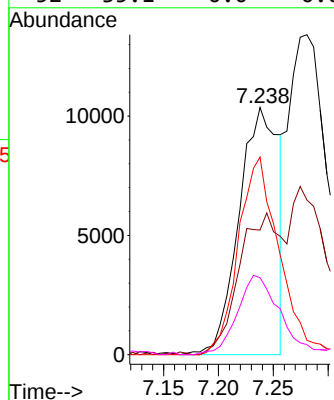
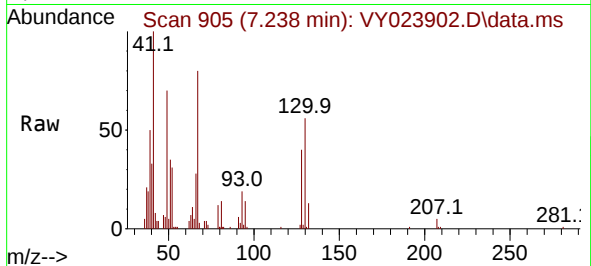




#41
Methacrylonitrile
Concen: 14.368 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

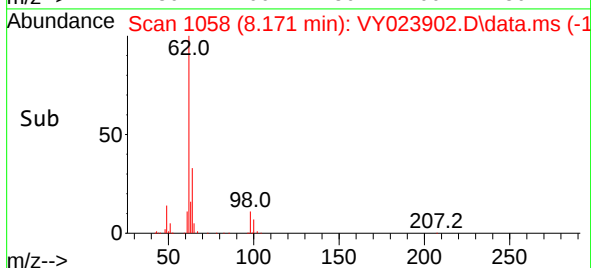
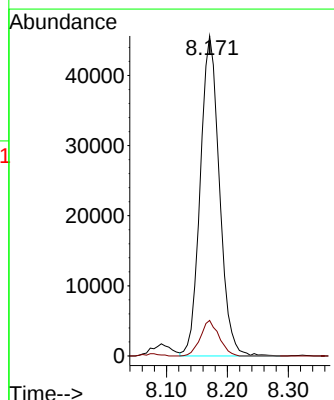
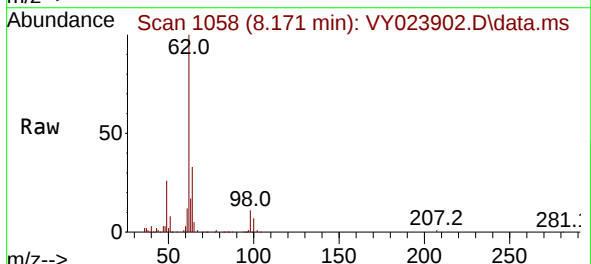
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD02

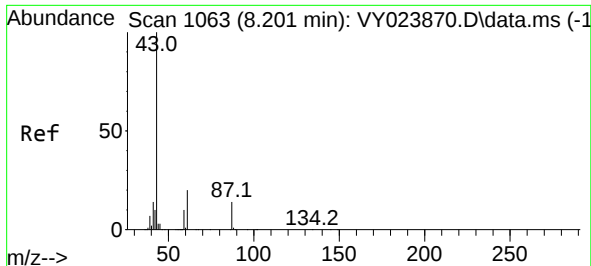
Tgt Ion: 41 Resp: 26040
Ion Ratio Lower Upper
41 100
39 63.8 49.4 74.2
67 83.7 0.0 0.0#
52 35.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 16.604 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 62 Resp: 99714
Ion Ratio Lower Upper
62 100
98 10.8 0.0 19.2

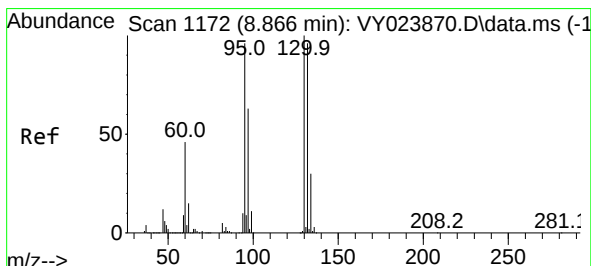
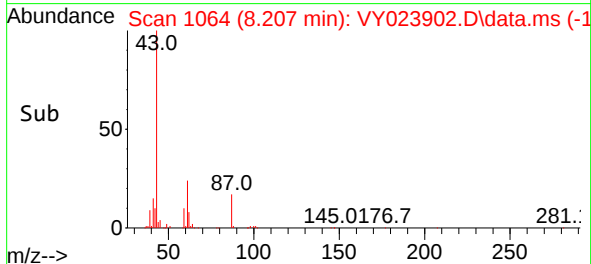
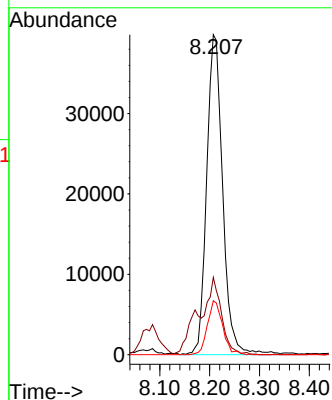
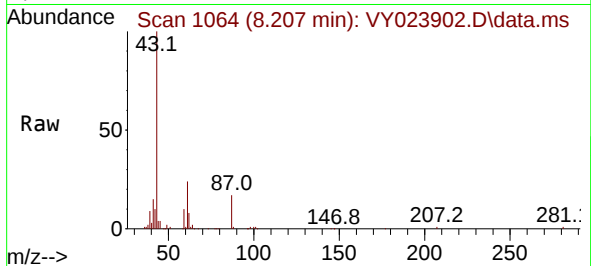




#43
Isopropyl Acetate
Concen: 13.520 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

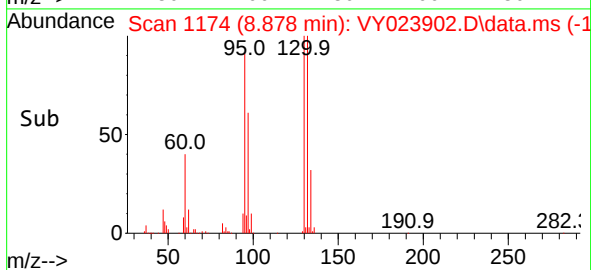
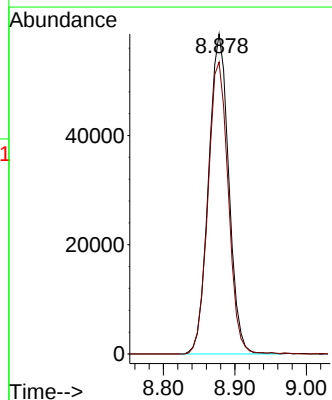
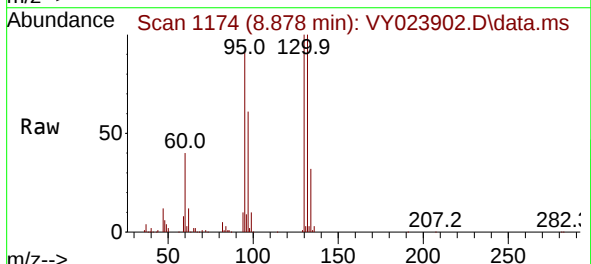
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

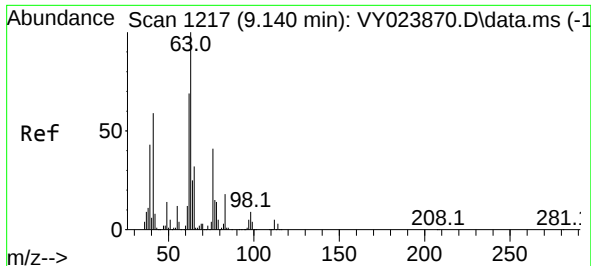
Tgt Ion: 43 Resp: 88939
Ion Ratio Lower Upper
43 100
61 22.3 24.2 36.4#
87 16.0 11.0 16.4



#44
Trichloroethene
Concen: 19.394 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 130 Resp: 114843
Ion Ratio Lower Upper
130 100
95 91.2 0.0 192.4





#45

1,2-Dichloropropane

Concen: 15.898 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.012 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

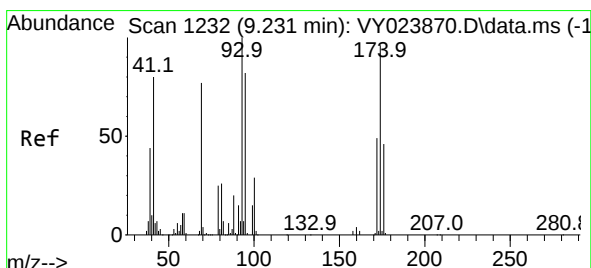
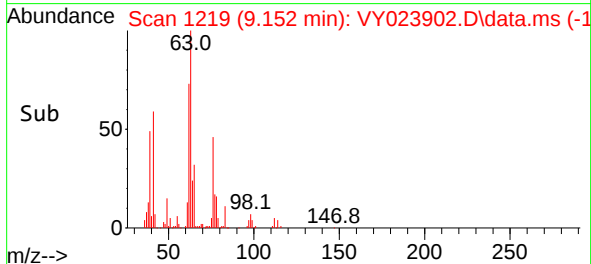
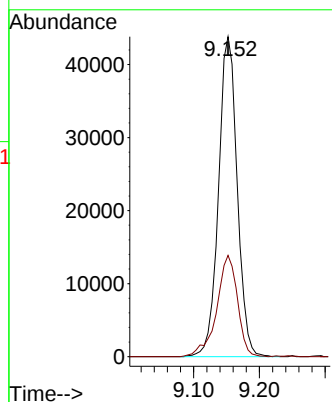
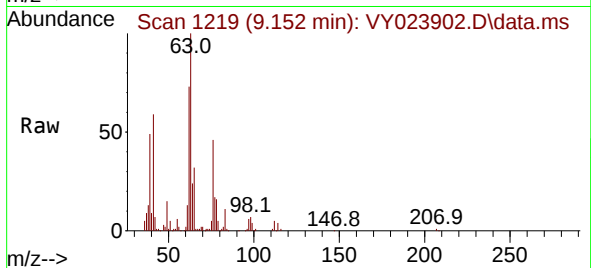
VY1209SBS02

Tgt Ion: 63 Resp: 86629

Ion Ratio Lower Upper

63 100

65 31.7 25.6 38.4



#46

Dibromomethane

Concen: 17.178 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.012 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

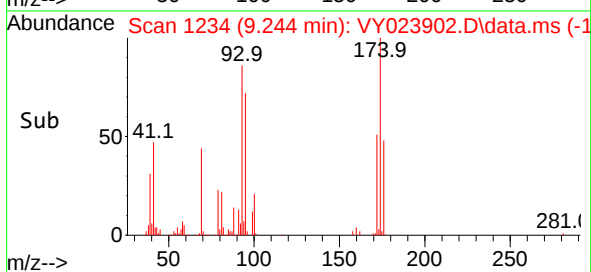
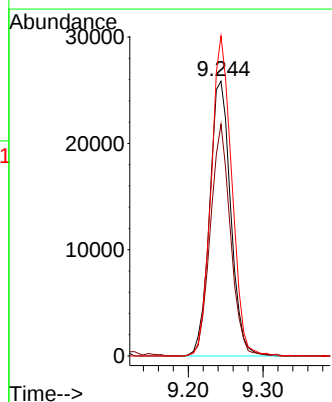
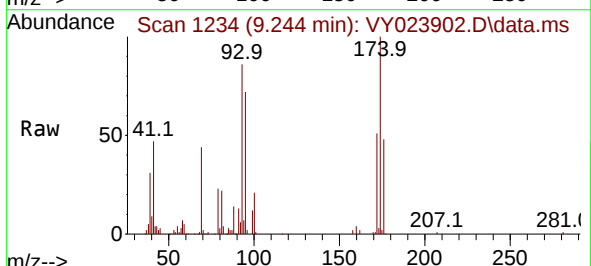
Tgt Ion: 93 Resp: 50677

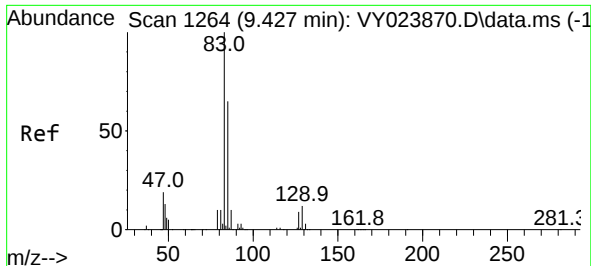
Ion Ratio Lower Upper

93 100

95 80.4 66.4 99.6

174 114.4 81.4 122.0

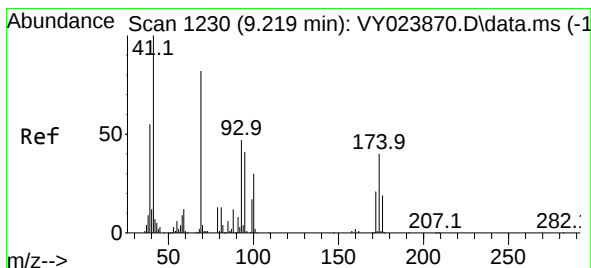
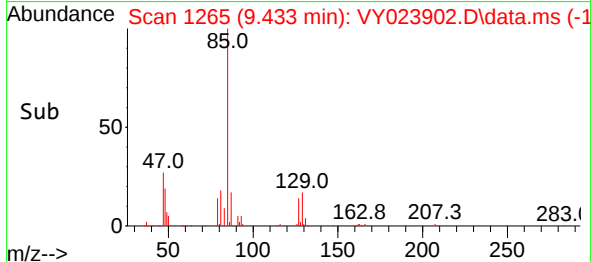
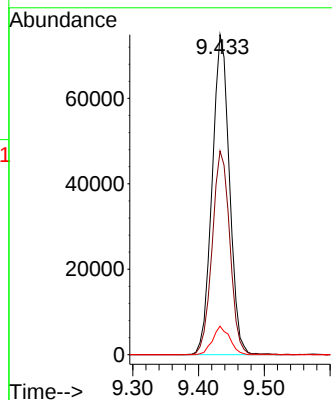
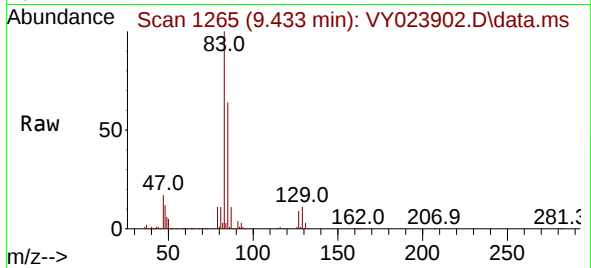




#47
Bromodichloromethane
Concen: 17.634 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

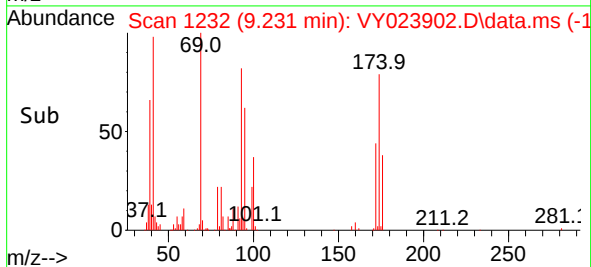
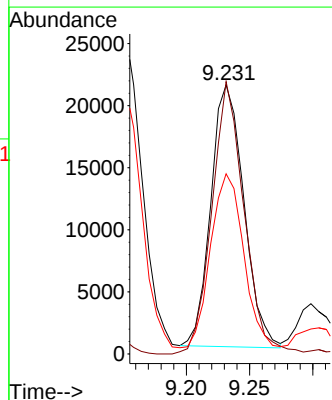
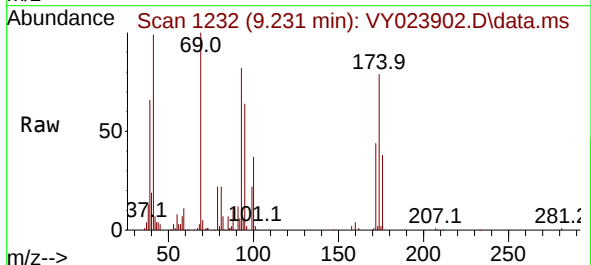
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

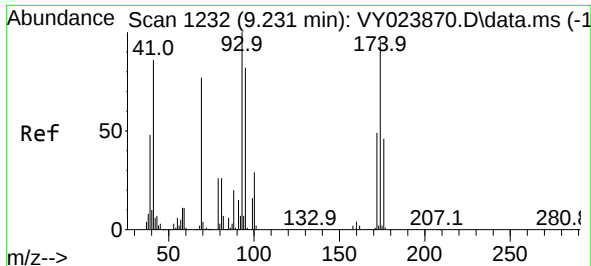
Tgt Ion: 83 Resp: 137251
Ion Ratio Lower Upper
83 100
85 63.7 51.6 77.4
127 8.9 7.2 10.8



#48
Methyl methacrylate
Concen: 12.468 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 41 Resp: 38315
Ion Ratio Lower Upper
41 100
69 101.1 67.7 101.5
39 67.0 43.4 65.0#





#49

1,4-Dioxane

Concen: 308.085 ug/l

RT: 9.244 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBSD02

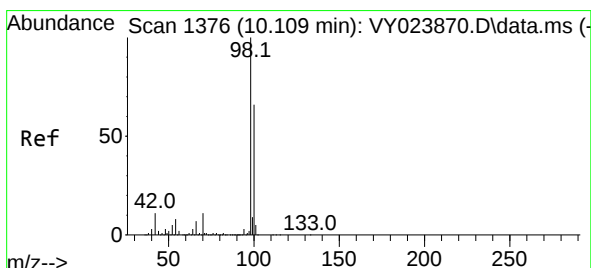
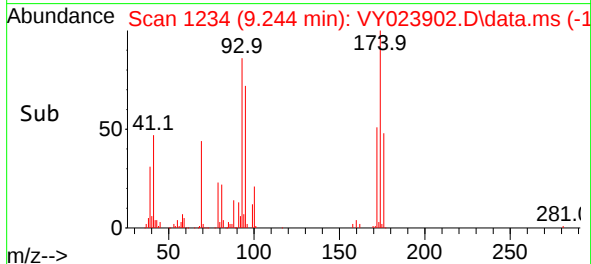
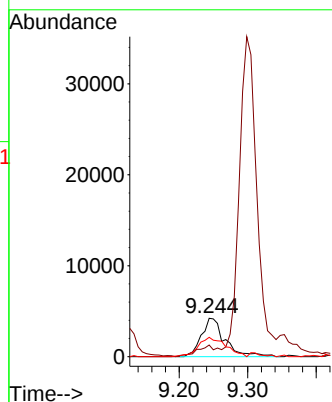
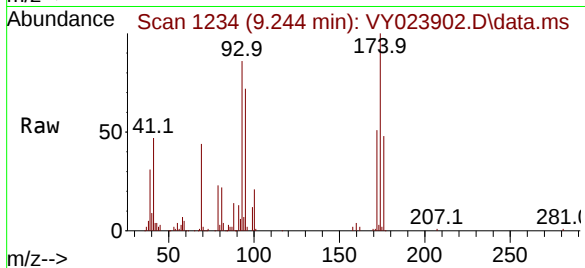
Tgt Ion: 88 Resp: 10106

Ion Ratio Lower Upper

88 100

43 26.2 26.8 40.2#

58 58.8 52.4 78.6



#50

Toluene-d8

Concen: 64.237 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY023902.D

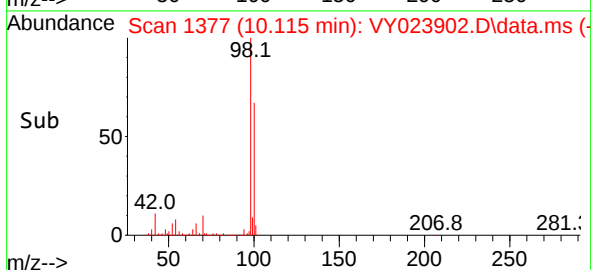
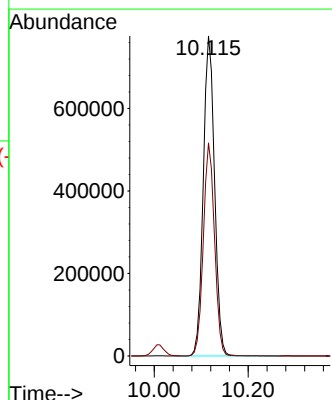
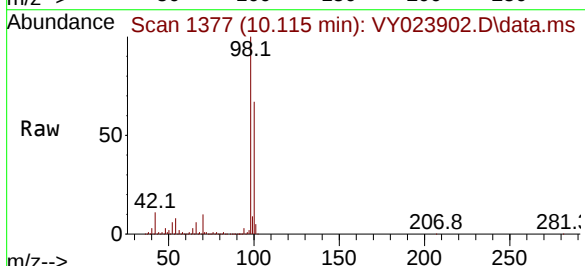
Acq: 09 Dec 2025 12:44

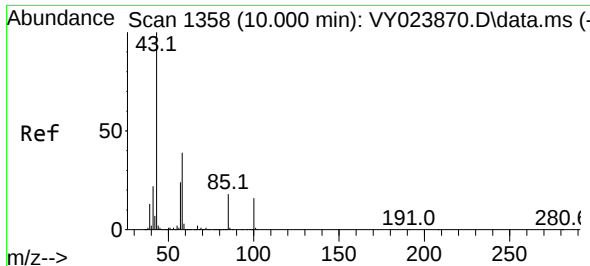
Tgt Ion: 98 Resp: 1290746

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 66.924 ug/l

RT: 10.006 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

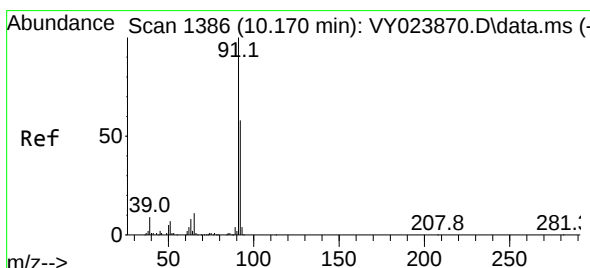
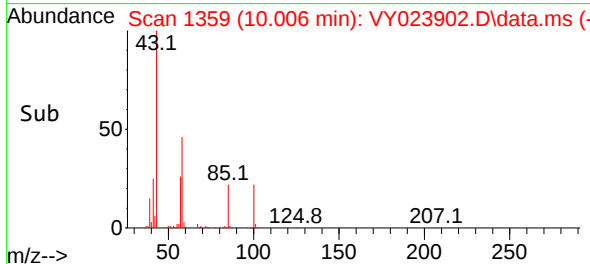
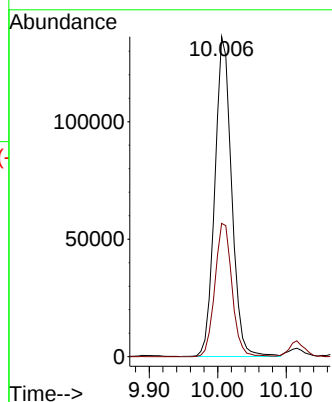
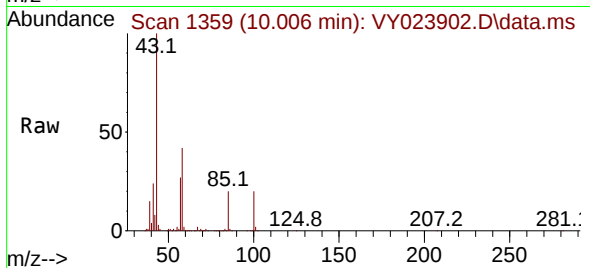
VY1209SBS02

Tgt Ion: 43 Resp: 231495

Ion Ratio Lower Upper

43 100

58 42.6 31.8 47.8



#52

Toluene

Concen: 18.073 ug/l

RT: 10.183 min Scan# 1388

Delta R.T. 0.012 min

Lab File: VY023902.D

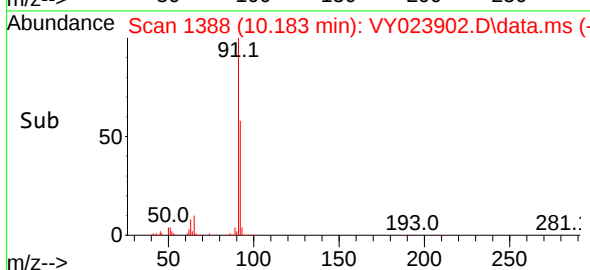
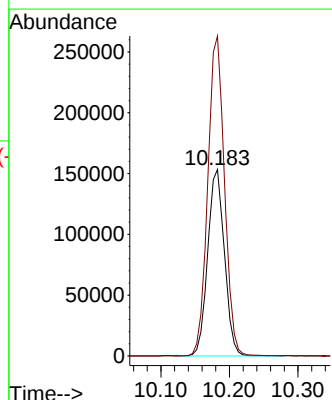
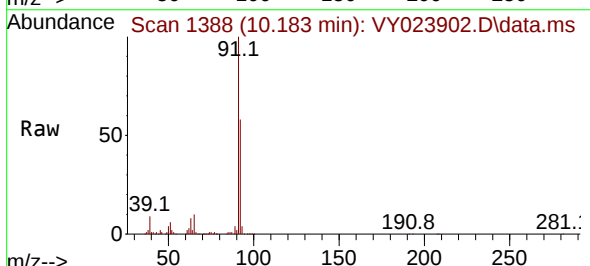
Acq: 09 Dec 2025 12:44

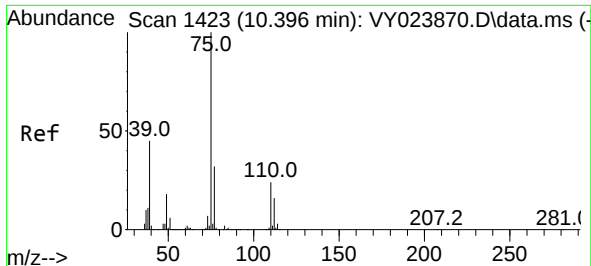
Tgt Ion: 92 Resp: 260462

Ion Ratio Lower Upper

92 100

91 171.8 137.3 205.9

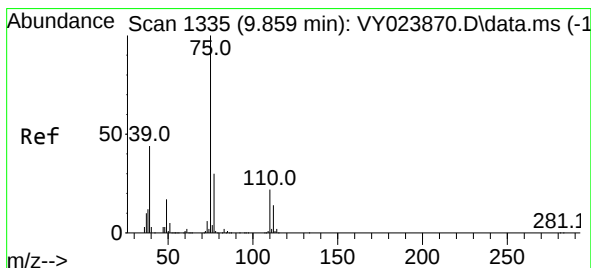
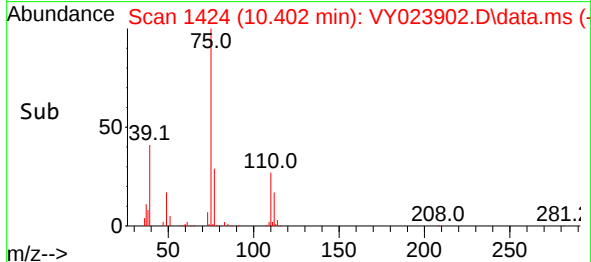
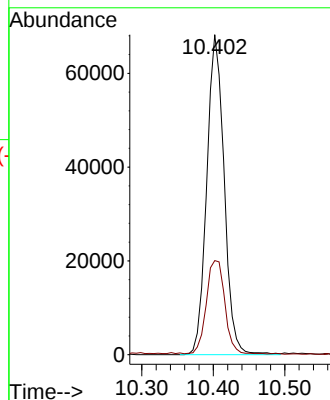
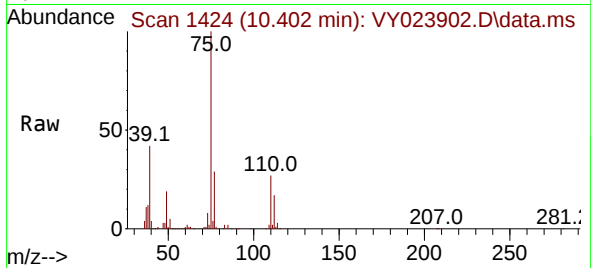




#53
 t-1,3-Dichloropropene
 Concen: 16.416 ug/l
 RT: 10.402 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY023902.D
 Acq: 09 Dec 2025 12:44

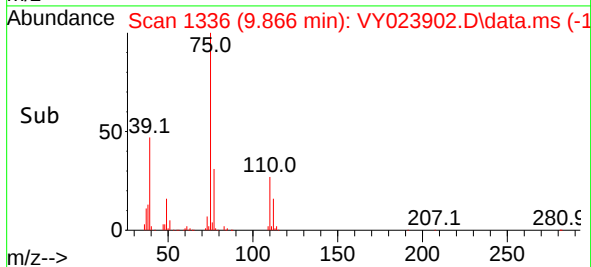
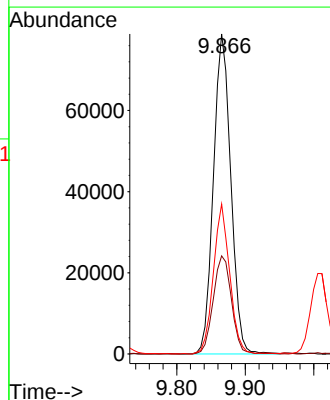
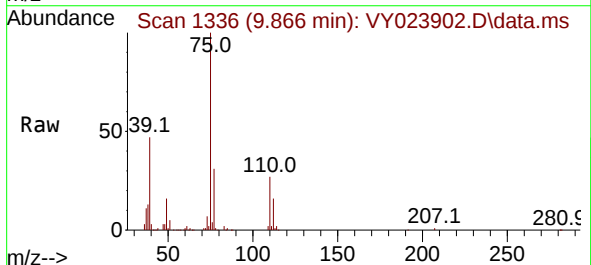
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS02

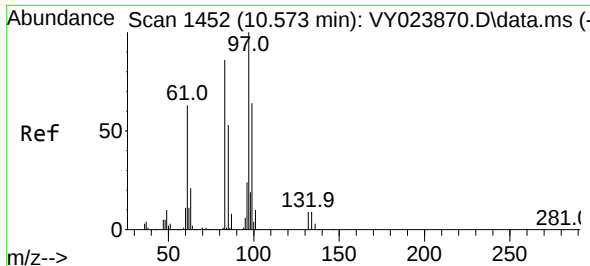
Tgt Ion: 75 Resp: 115317
 Ion Ratio Lower Upper
 75 100
 77 29.1 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 16.789 ug/l
 RT: 9.866 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY023902.D
 Acq: 09 Dec 2025 12:44

Tgt Ion: 75 Resp: 138879
 Ion Ratio Lower Upper
 75 100
 77 30.6 23.8 35.6
 39 46.9 35.5 53.3



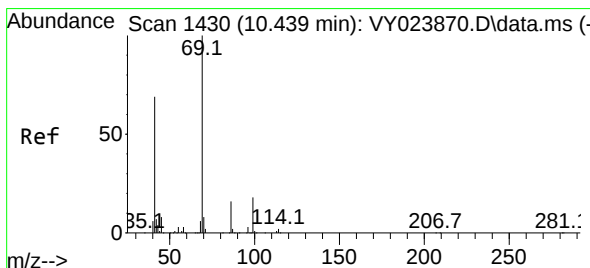
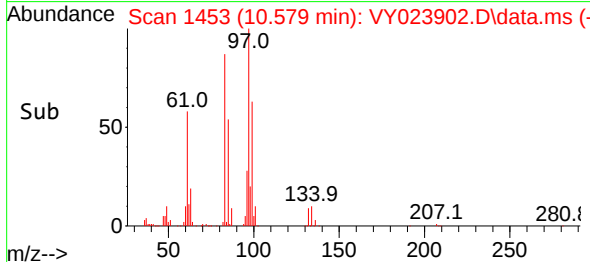
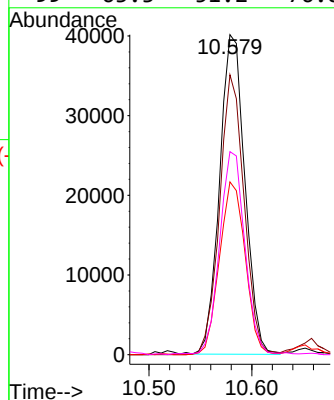
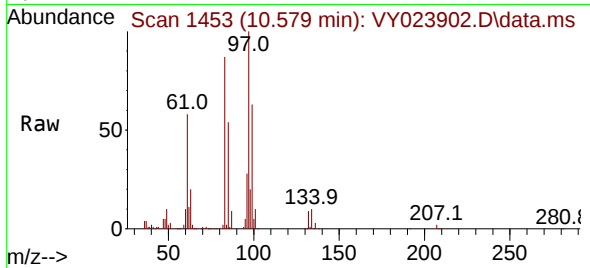


#55
1,1,2-Trichloroethane
Concen: 17.217 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

Tgt Ion: 97 Resp: 68564

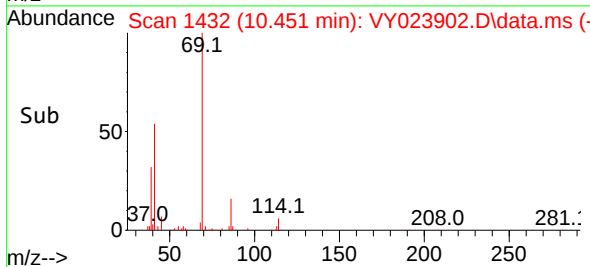
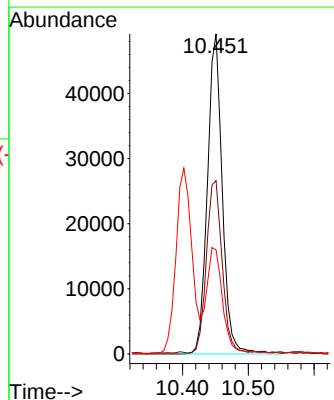
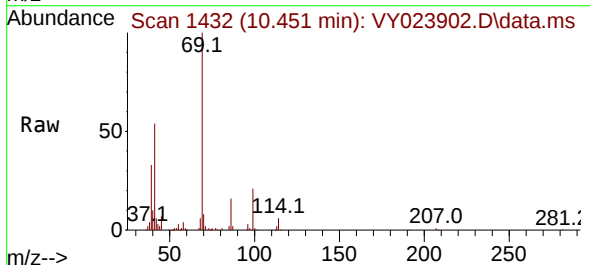
Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.0	103.4
85	54.1	42.6	63.8
99	63.3	51.2	76.8

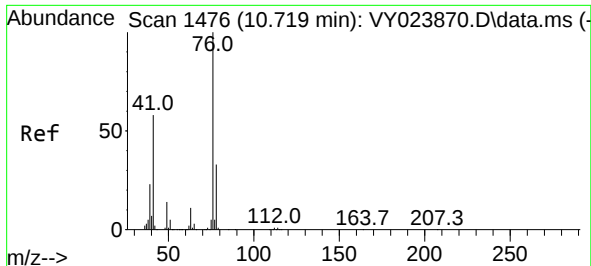


#56
Ethyl methacrylate
Concen: 16.334 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 69 Resp: 77241

Ion	Ratio	Lower	Upper
69	100		
41	56.9	52.5	78.7
39	34.4	27.1	40.7





#57

1,3-Dichloropropane

Concen: 16.244 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

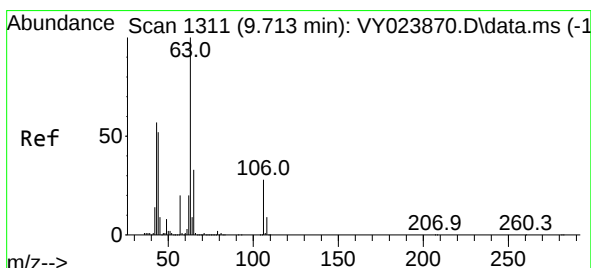
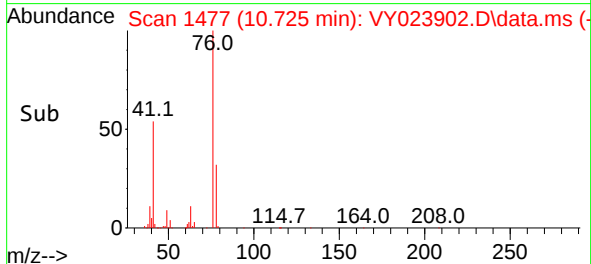
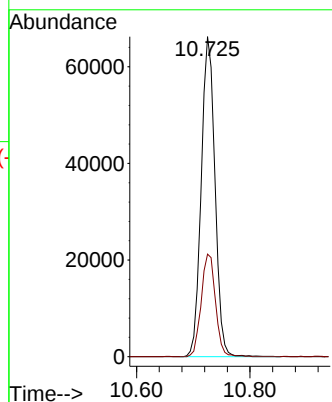
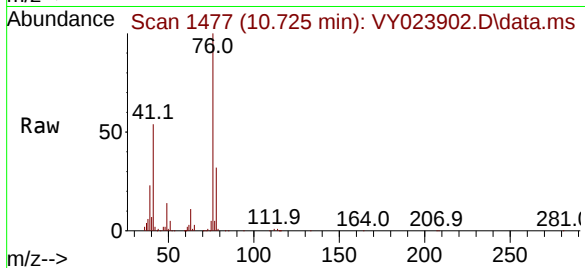
VY1209SBS02

Tgt Ion: 76 Resp: 111417

Ion Ratio Lower Upper

76 100

78 33.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 84.004 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY023902.D

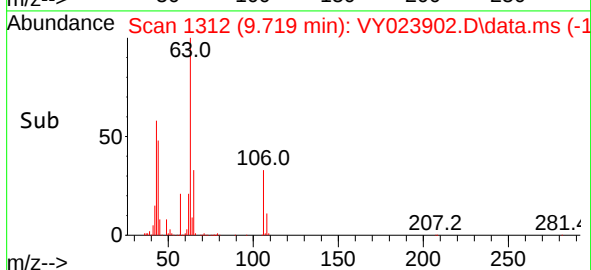
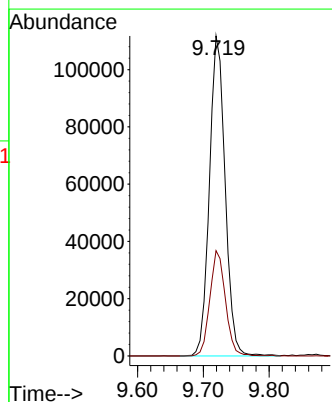
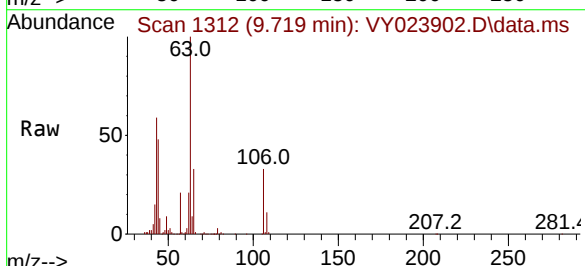
Acq: 09 Dec 2025 12:44

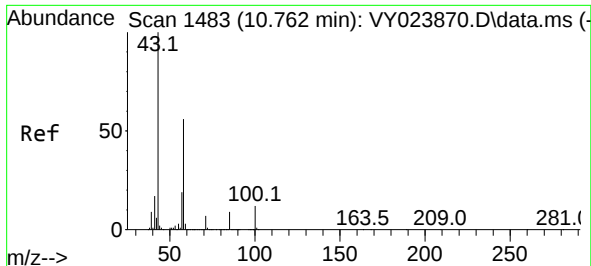
Tgt Ion: 63 Resp: 186117

Ion Ratio Lower Upper

63 100

106 32.5 22.5 33.7





#59

2-Hexanone

Concen: 69.578 ug/l

RT: 10.768 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

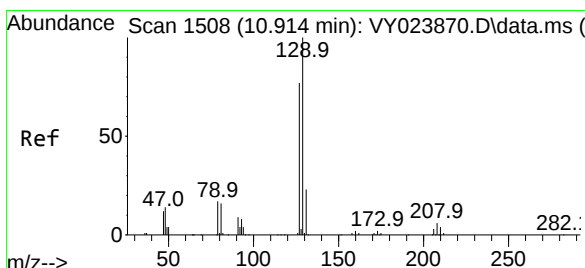
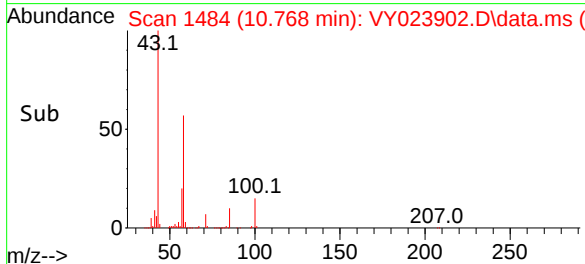
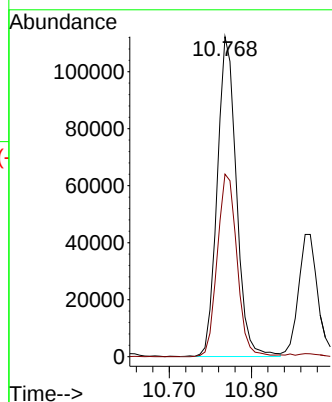
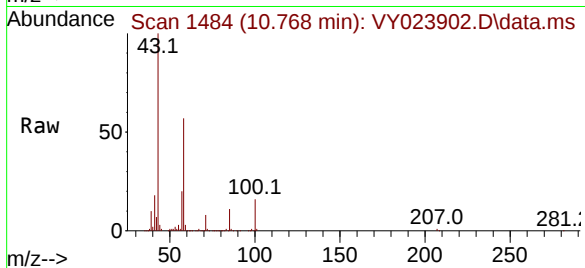
VY1209SBS02

Tgt Ion: 43 Resp: 181517

Ion Ratio Lower Upper

43 100

58 58.7 27.7 83.1



#60

Dibromochloromethane

Concen: 18.158 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.006 min

Lab File: VY023902.D

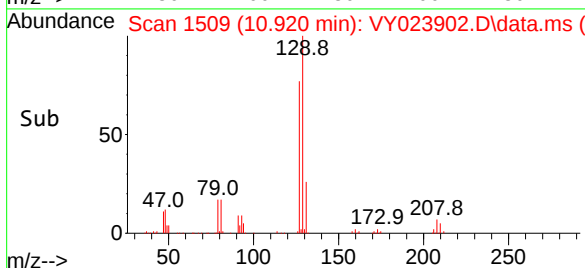
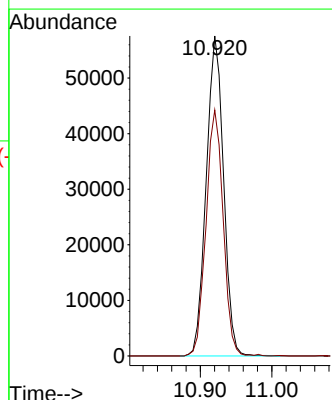
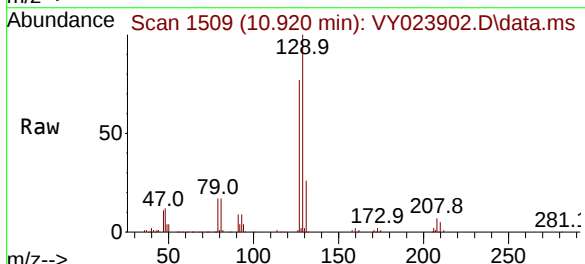
Acq: 09 Dec 2025 12:44

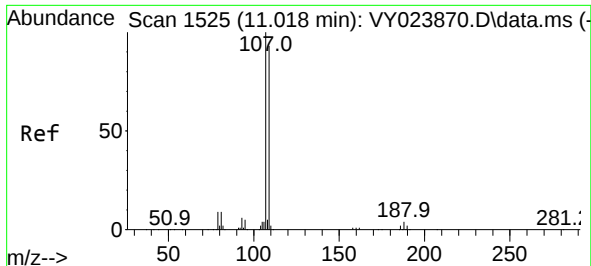
Tgt Ion: 129 Resp: 96961

Ion Ratio Lower Upper

129 100

127 76.0 38.0 114.0

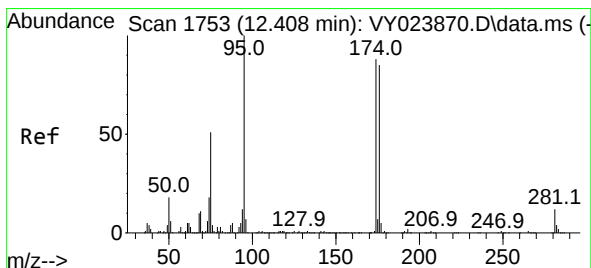
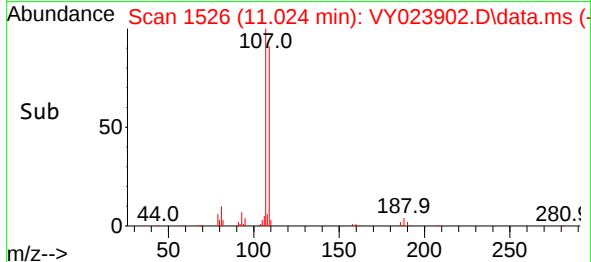
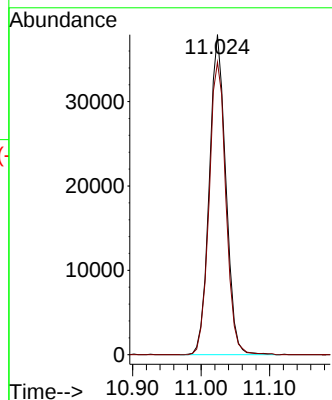
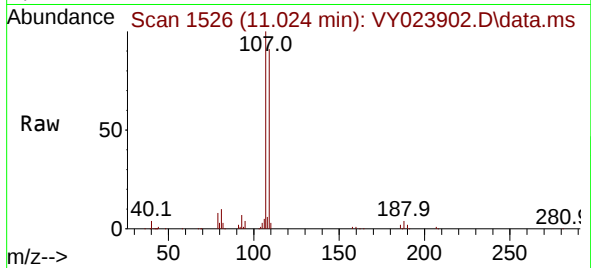




#61
1,2-Dibromoethane
Concen: 17.550 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

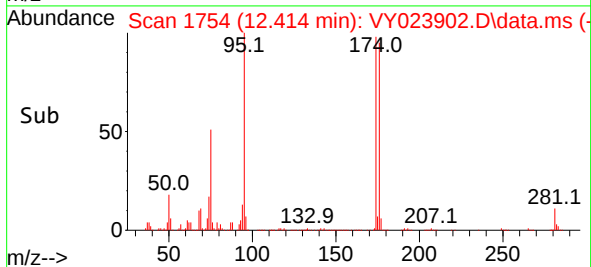
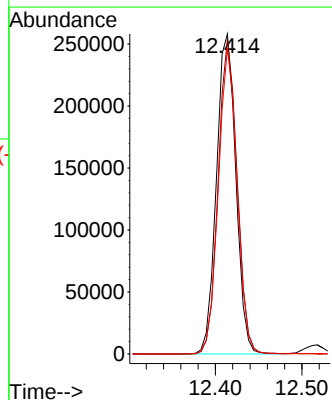
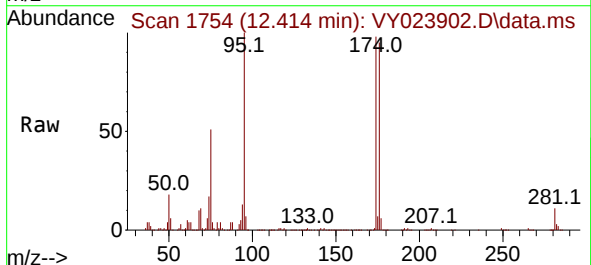
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

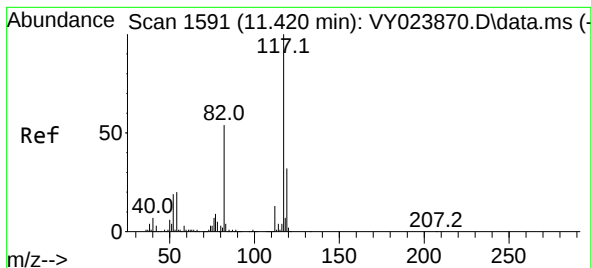
Tgt Ion:107 Resp: 63694
Ion Ratio Lower Upper
107 100
109 92.8 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 58.616 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 95 Resp: 401727
Ion Ratio Lower Upper
95 100
174 96.1 0.0 169.6
176 92.6 0.0 164.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBSD02

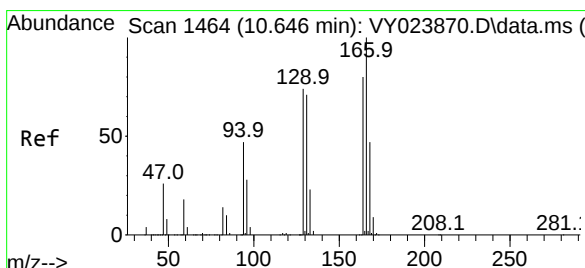
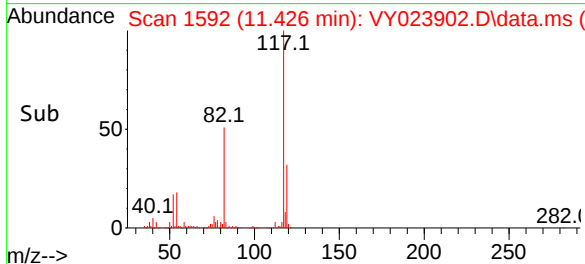
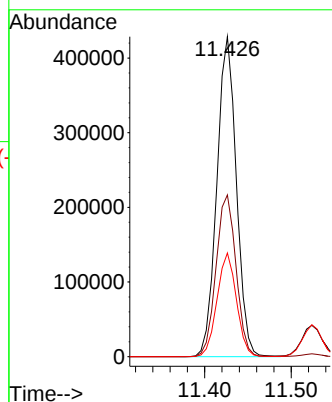
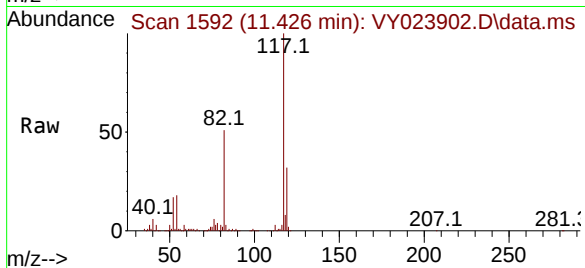
Tgt Ion:117 Resp: 671538

Ion Ratio Lower Upper

117 100

82 50.5 43.1 64.7

119 32.4 26.0 39.0



#64

Tetrachloroethene

Concen: 20.674 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.012 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Tgt Ion:164 Resp: 135863

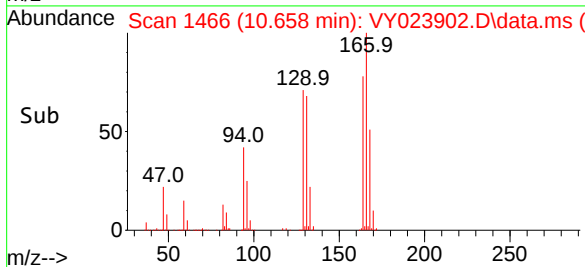
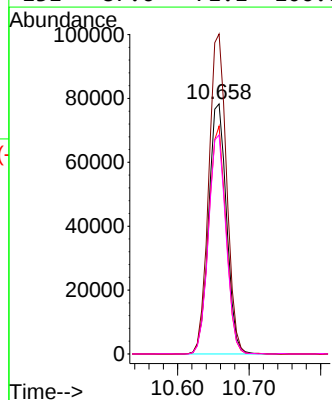
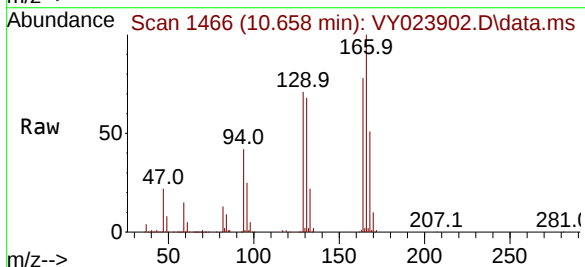
Ion Ratio Lower Upper

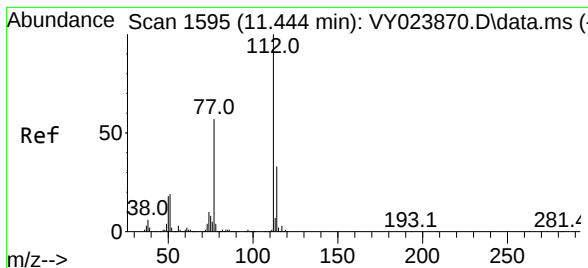
164 100

166 127.9 100.2 150.4

129 91.1 74.4 111.6

131 87.6 71.1 106.7





#65

Chlorobenzene

Concen: 18.871 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

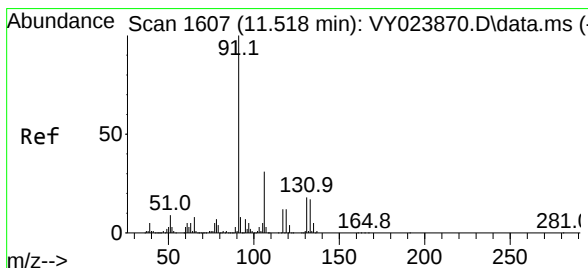
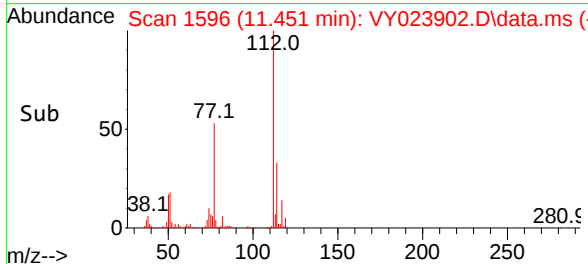
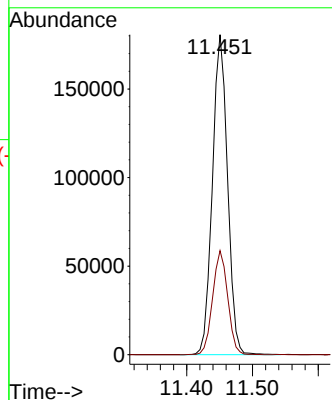
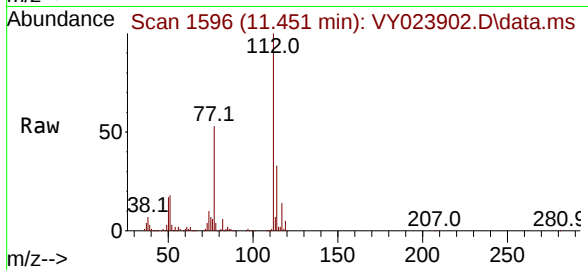
VY1209SBS02

Tgt Ion:112 Resp: 289252

Ion Ratio Lower Upper

112 100

114 32.5 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.471 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

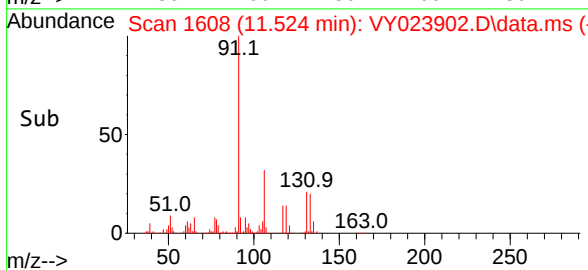
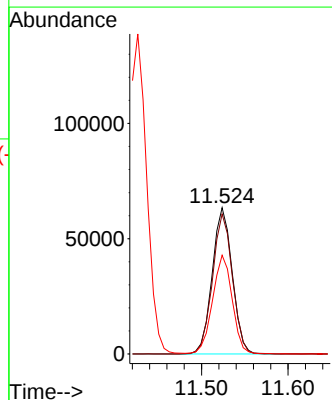
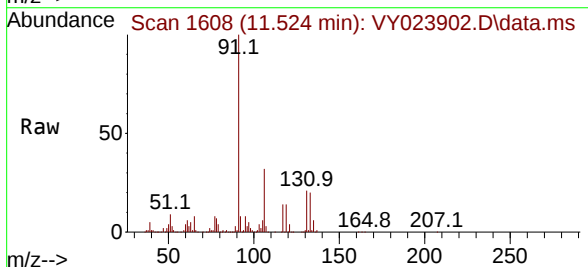
Tgt Ion:131 Resp: 101827

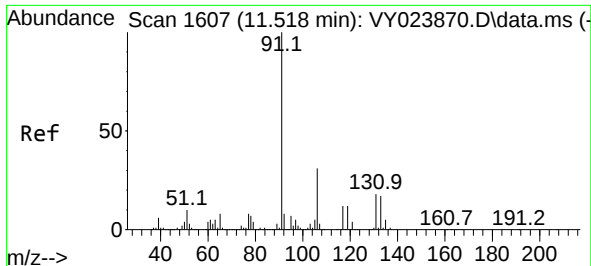
Ion Ratio Lower Upper

131 100

133 95.5 47.7 143.1

119 66.4 32.5 97.4





#67

Ethyl Benzene

Concen: 18.005 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

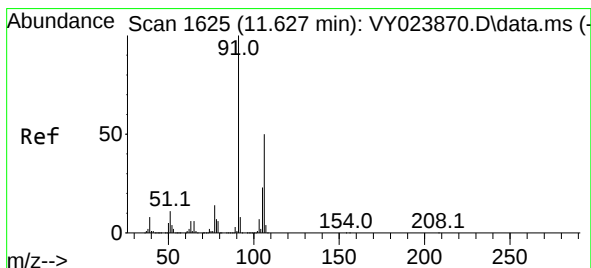
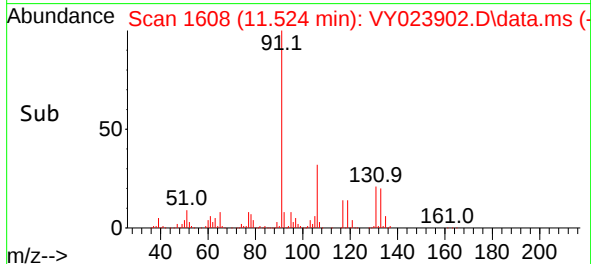
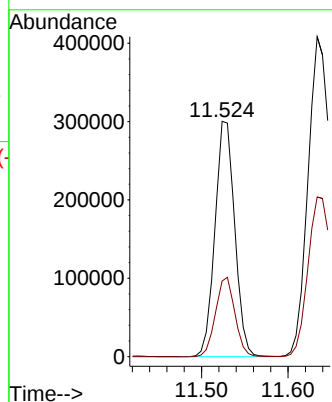
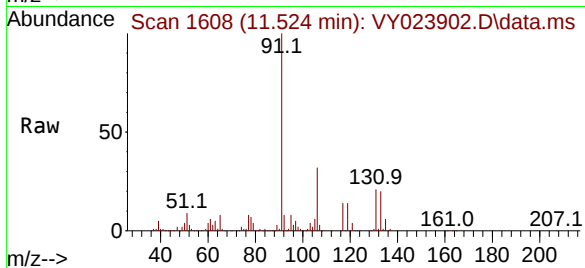
VY1209SBS02

Tgt Ion: 91 Resp: 477106

Ion Ratio Lower Upper

91 100

106 32.1 25.0 37.6



#68

m/p-Xylenes

Concen: 37.774 ug/l

RT: 11.634 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023902.D

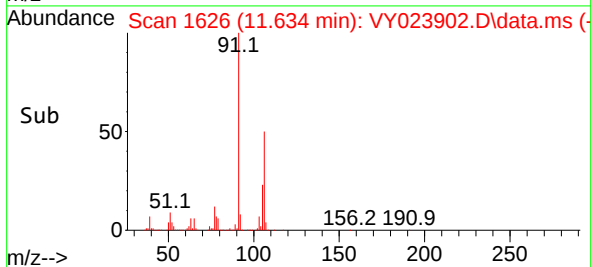
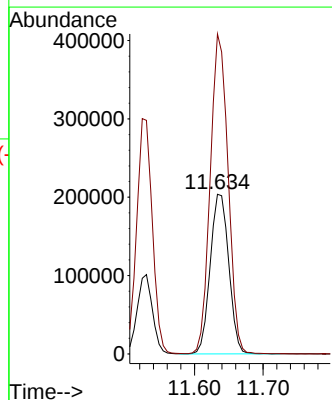
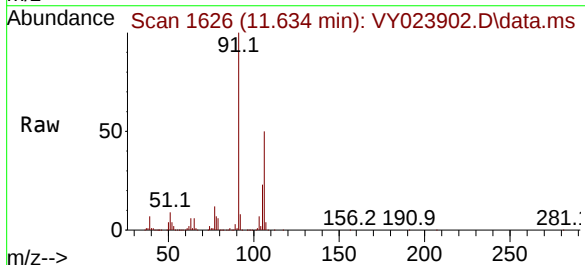
Acq: 09 Dec 2025 12:44

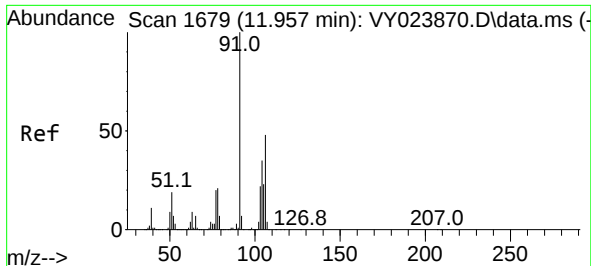
Tgt Ion:106 Resp: 382585

Ion Ratio Lower Upper

106 100

91 193.2 159.7 239.5

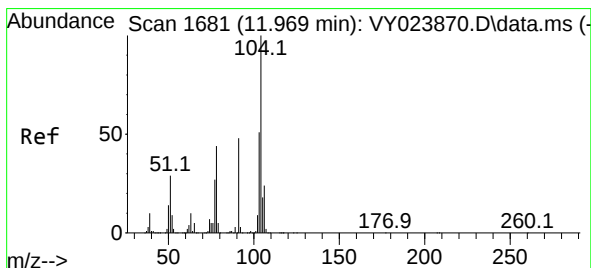
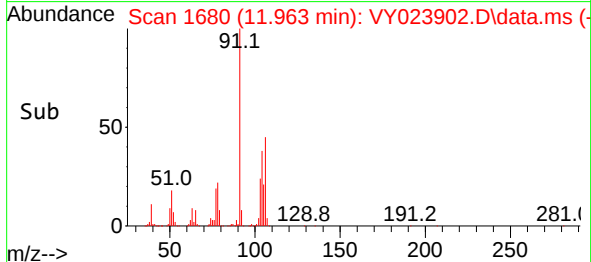
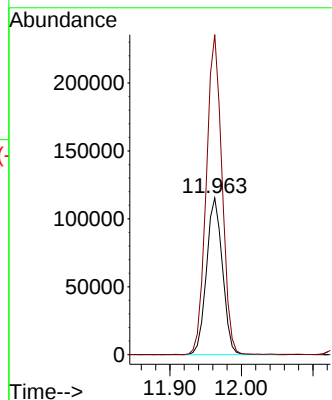
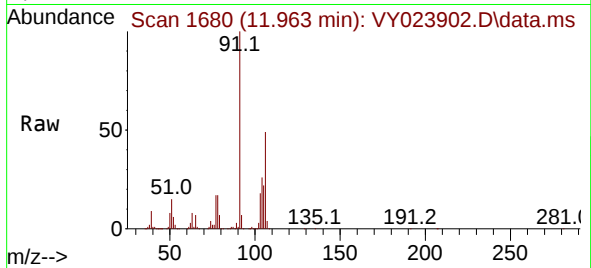




#69
o-Xylene
Concen: 18.891 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

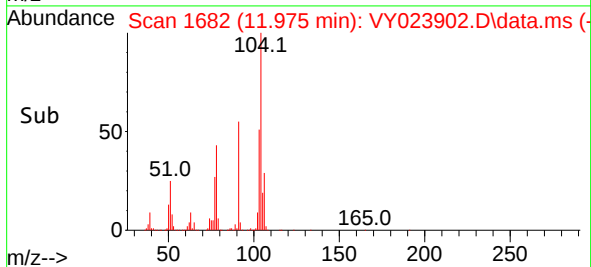
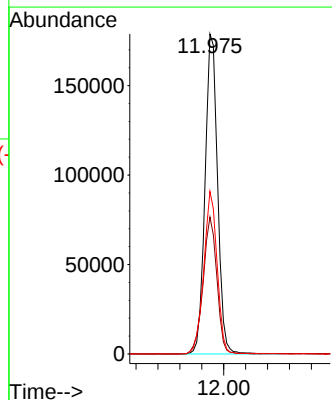
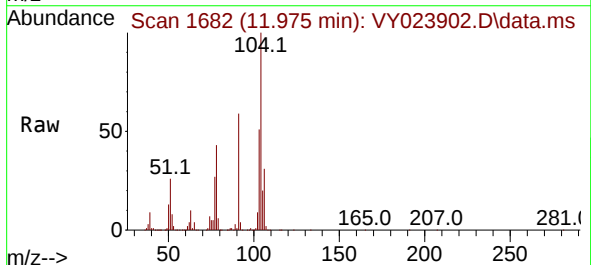
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD02

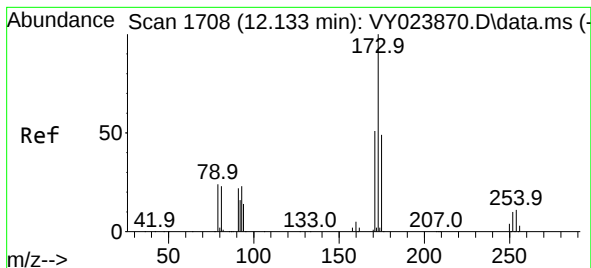
Tgt Ion:106 Resp: 178955
Ion Ratio Lower Upper
106 100
91 200.9 104.4 313.1



#70
Styrene
Concen: 18.144 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion:104 Resp: 283342
Ion Ratio Lower Upper
104 100
78 46.9 38.8 58.2
103 54.2 43.9 65.9





#71

Bromoform

Concen: 19.107 ug/l

RT: 12.140 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS02

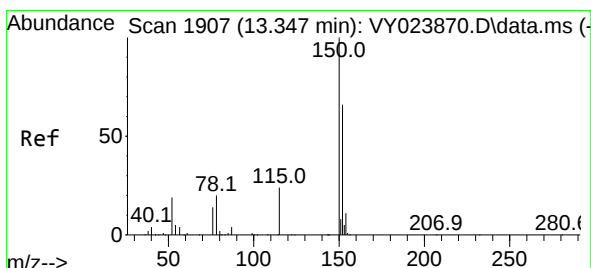
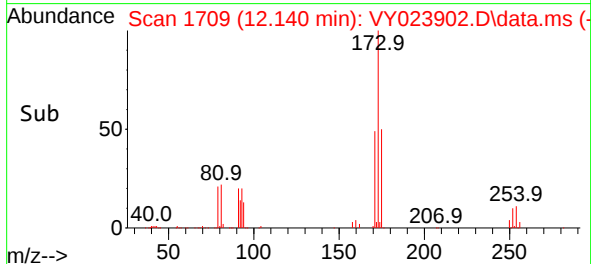
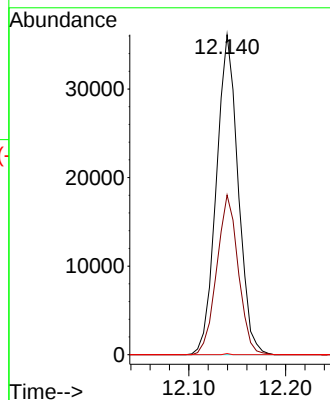
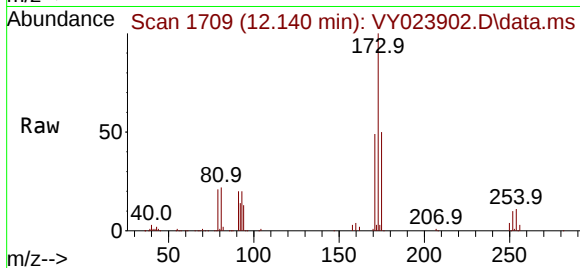
Tgt Ion:173 Resp: 56459

Ion Ratio Lower Upper

173 100

175 49.4 24.4 73.4

254 0.1 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: VY023902.D

Acq: 09 Dec 2025 12:44

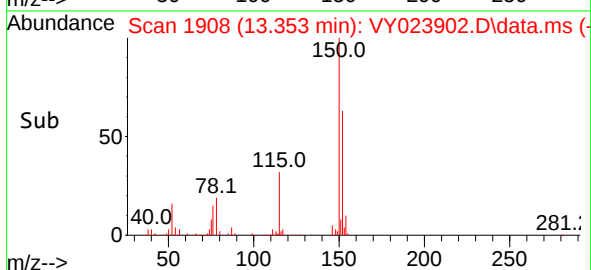
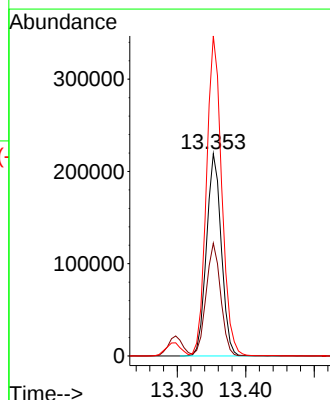
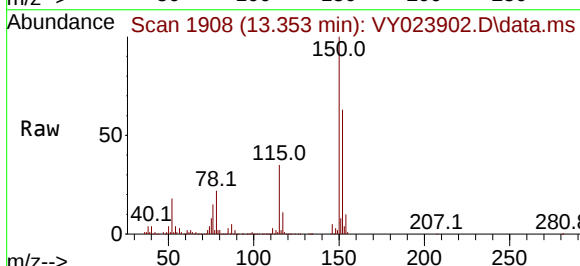
Tgt Ion:152 Resp: 329715

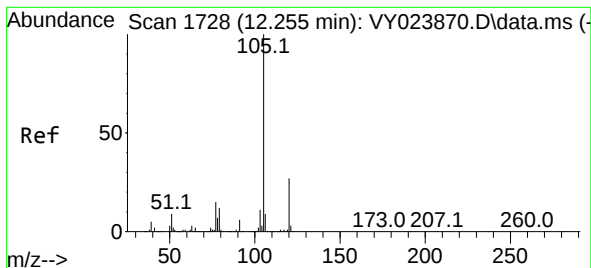
Ion Ratio Lower Upper

152 100

115 54.8 28.8 86.4

150 163.3 0.0 352.2





#73

Isopropylbenzene

Concen: 19.573 ug/l

RT: 12.261 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

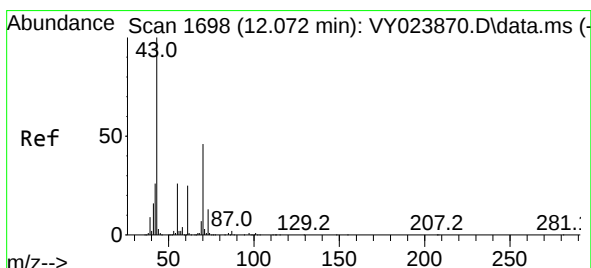
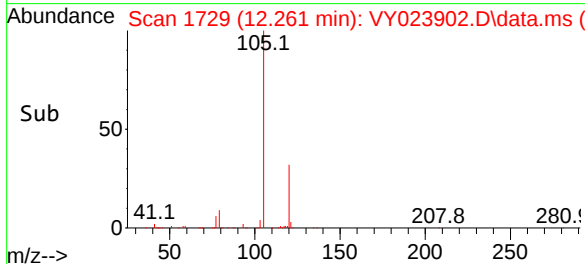
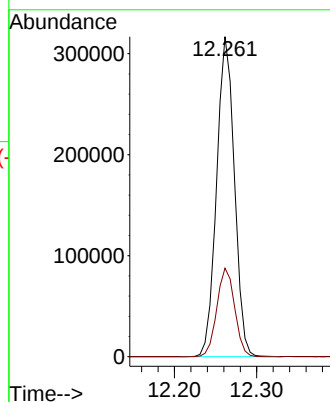
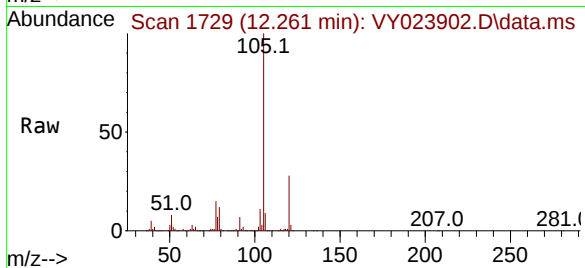
VY1209SBS02

Tgt Ion:105 Resp: 475464

Ion Ratio Lower Upper

105 100

120 27.7 13.4 40.1



#74

N-amy1 acetate

Concen: 12.934 ug/l

RT: 12.079 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Tgt Ion: 43 Resp: 68096

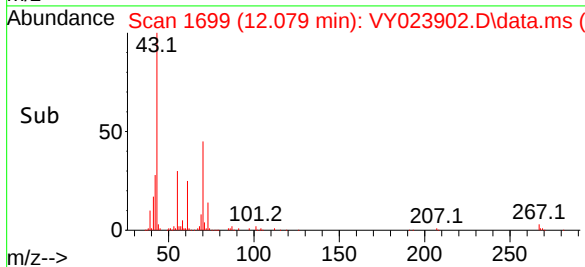
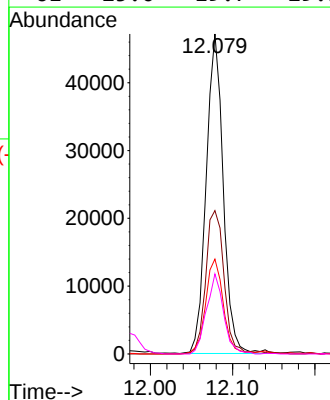
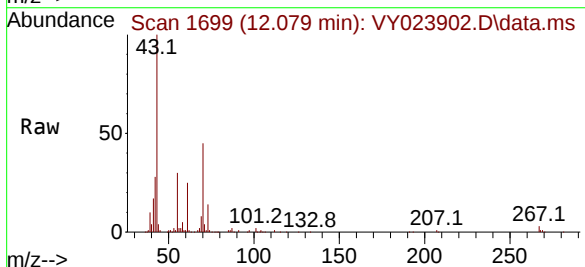
Ion Ratio Lower Upper

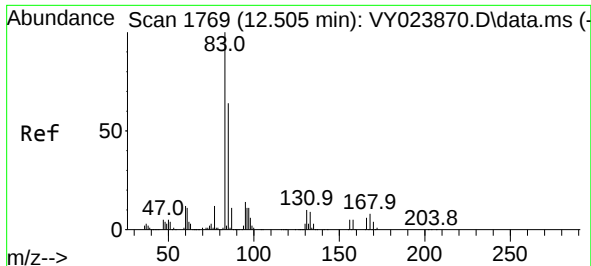
43 100

70 48.0 35.5 53.3

55 30.9 21.1 31.7

61 25.0 19.7 29.5

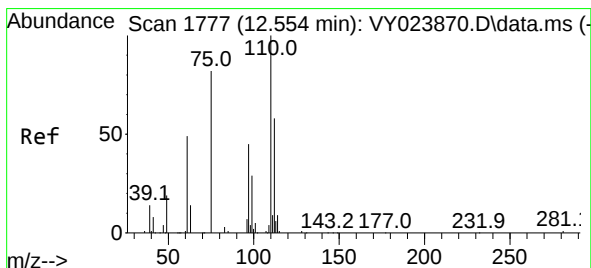
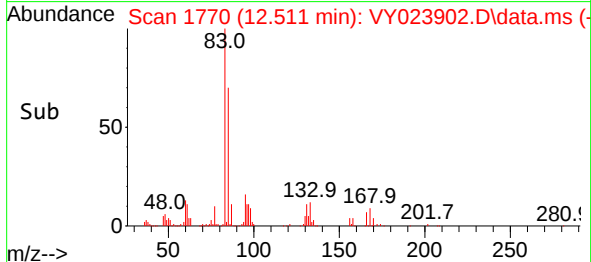
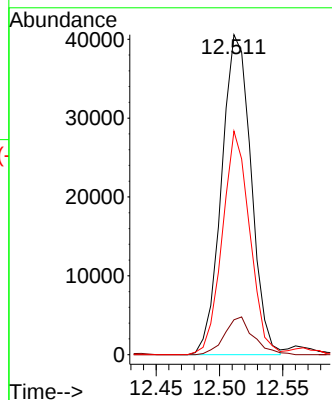
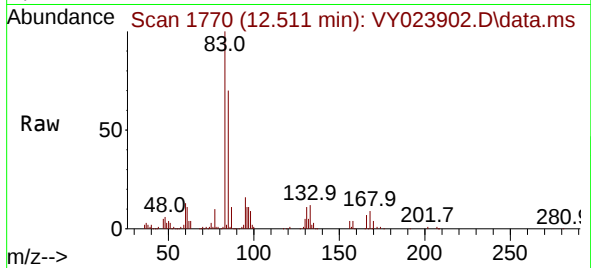




#75
1,1,2,2-Tetrachloroethane
Concen: 16.799 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

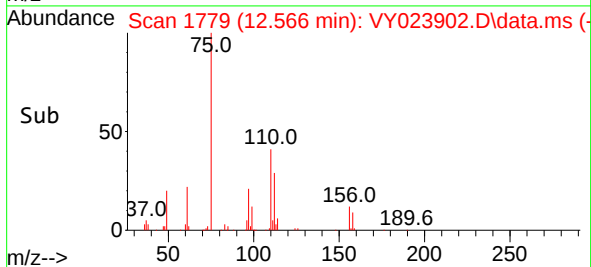
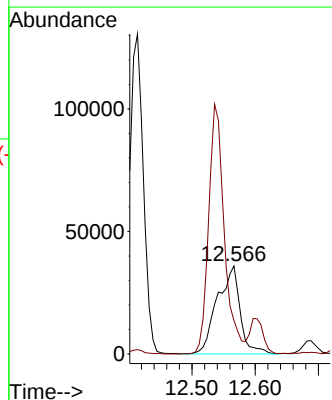
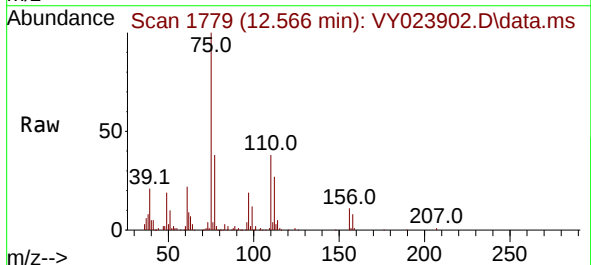
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

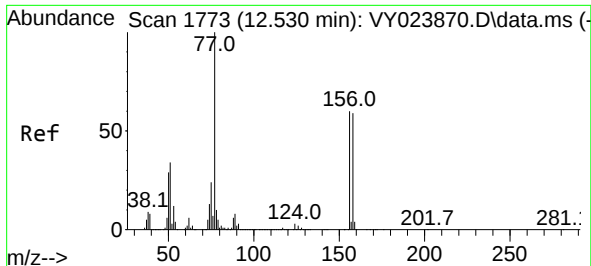
Tgt Ion: 83 Resp: 65842
Ion Ratio Lower Upper
83 100
131 11.5 5.3 15.9
85 65.2 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 27.657 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 75 Resp: 90401
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

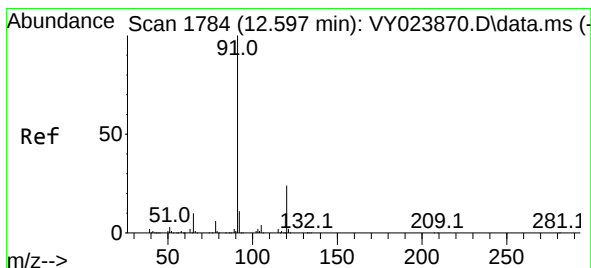
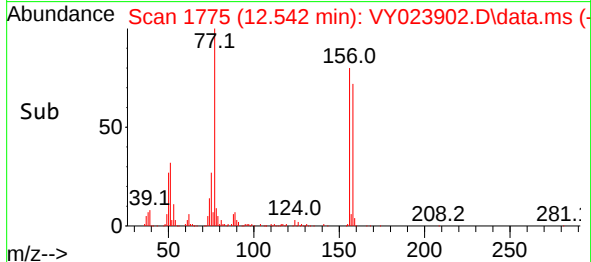
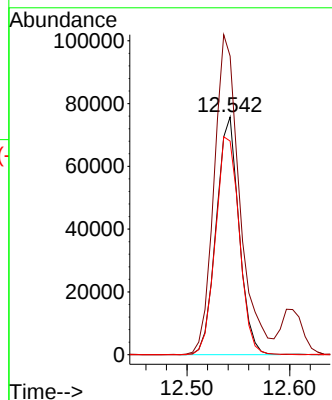
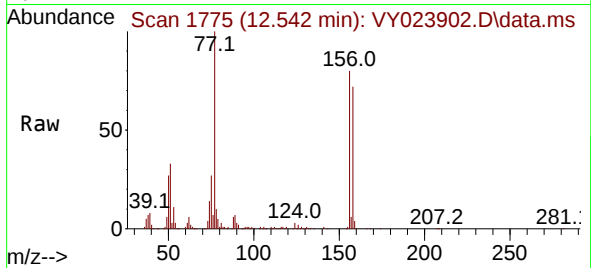




#77
Bromobenzene
Concen: 20.583 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.012 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

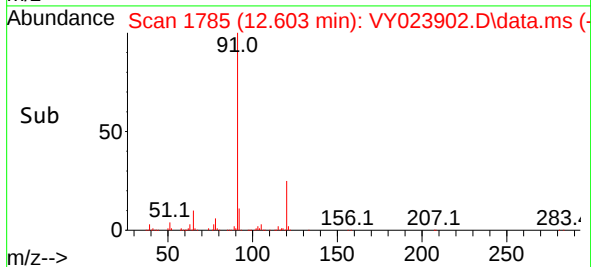
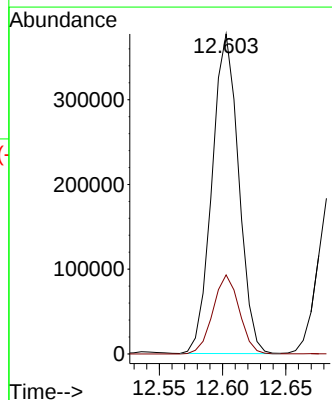
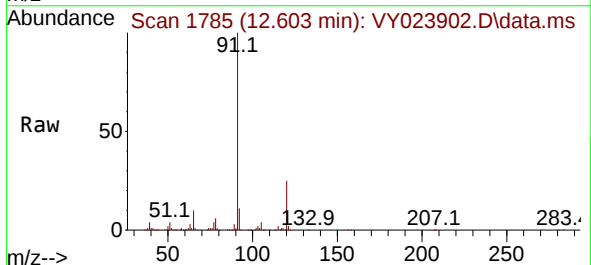
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBSD02

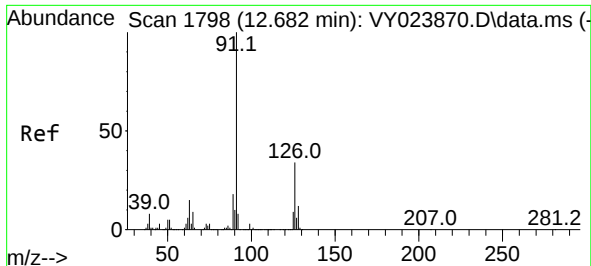
Tgt Ion:156 Resp: 116126
Ion Ratio Lower Upper
156 100
77 152.7 89.6 268.9
158 96.1 48.6 145.8



#78
n-propylbenzene
Concen: 18.835 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 91 Resp: 552115
Ion Ratio Lower Upper
91 100
120 24.4 11.5 34.5

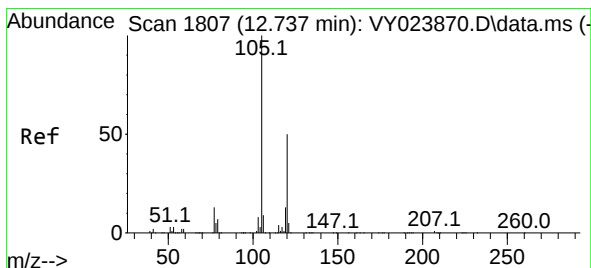
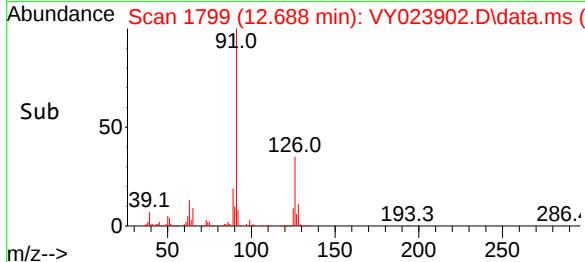
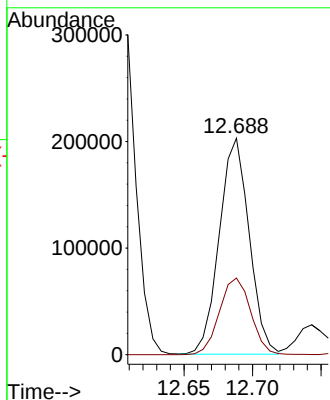
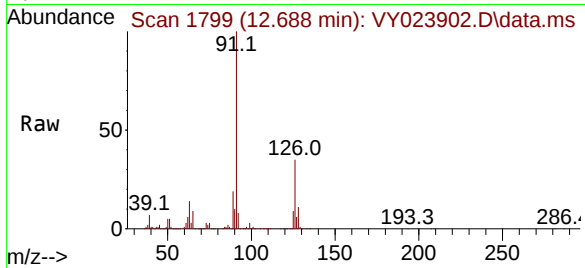




#79
2-Chlorotoluene
Concen: 18.513 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

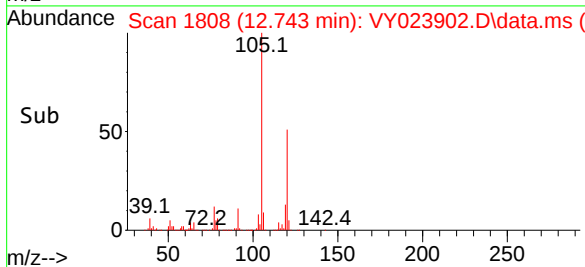
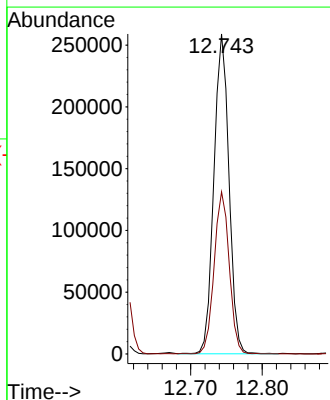
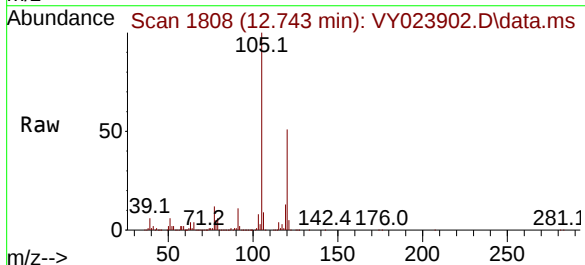
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

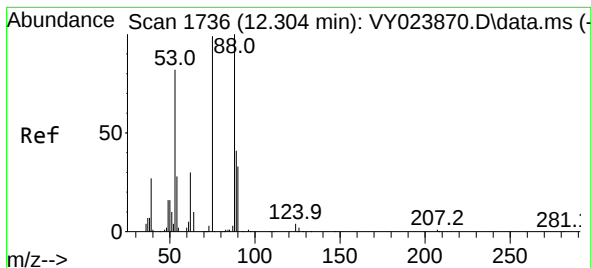
Tgt Ion: 91 Resp: 308206
Ion Ratio Lower Upper
91 100
126 37.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.184 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 105 Resp: 378663
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.6

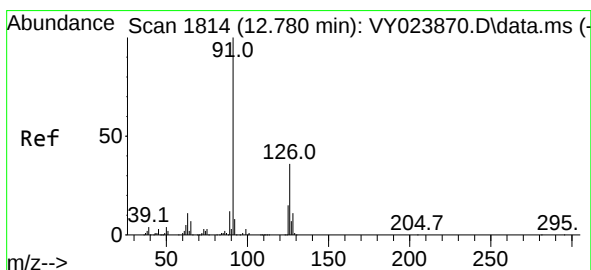
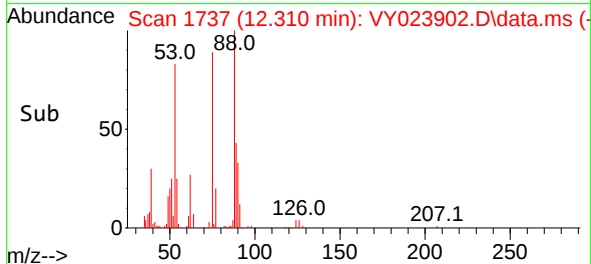
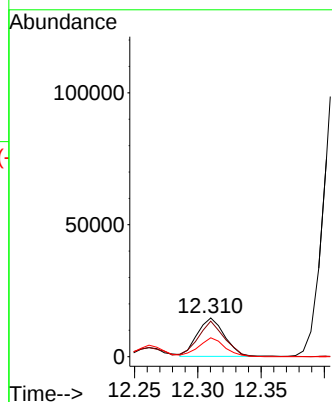
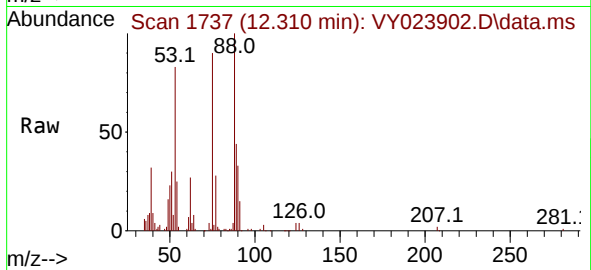




#81
trans-1,4-Dichloro-2-butene
Concen: 15.851 ug/l
RT: 12.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

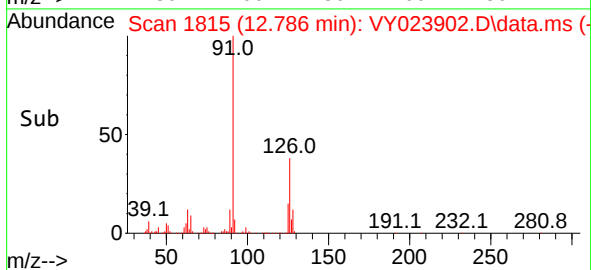
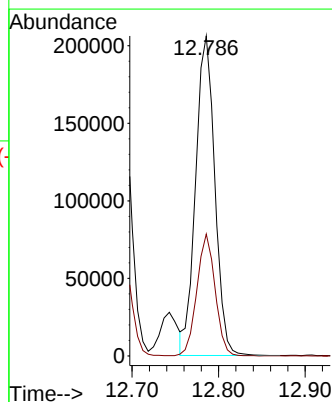
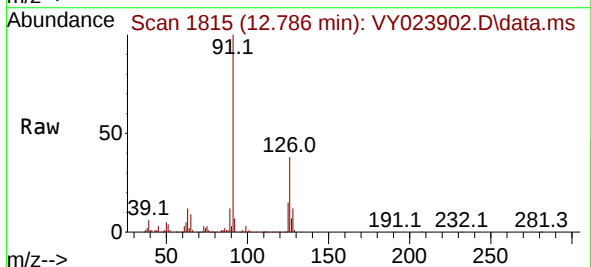
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

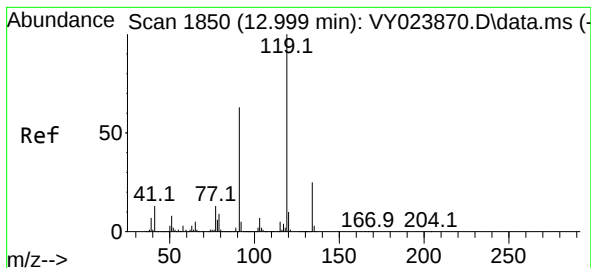
Tgt Ion: 75 Resp: 21632
Ion Ratio Lower Upper
75 100
53 90.1 71.1 106.7
89 47.3 36.3 54.5



#82
4-Chlorotoluene
Concen: 18.352 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 91 Resp: 316741
Ion Ratio Lower Upper
91 100
126 36.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.678 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS02

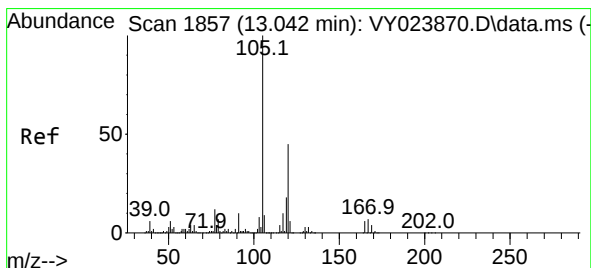
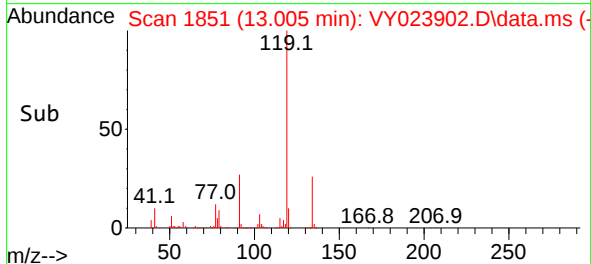
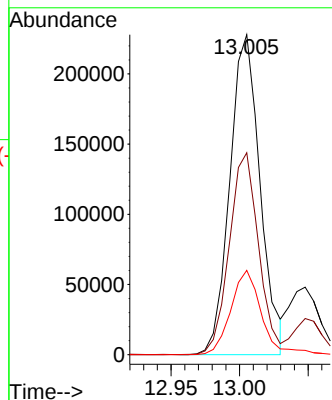
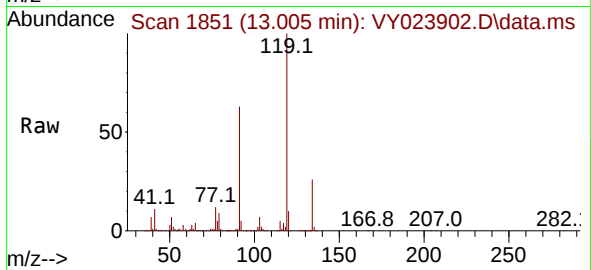
Tgt Ion:119 Resp: 350173

Ion Ratio Lower Upper

119 100

91 60.9 31.8 95.3

134 26.8 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 18.749 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY023902.D

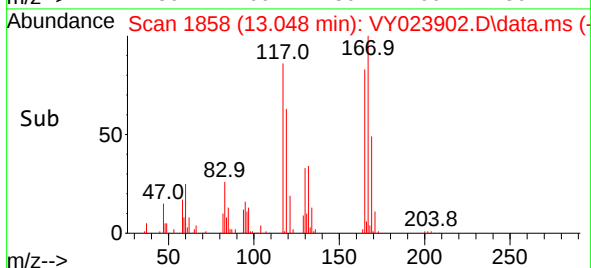
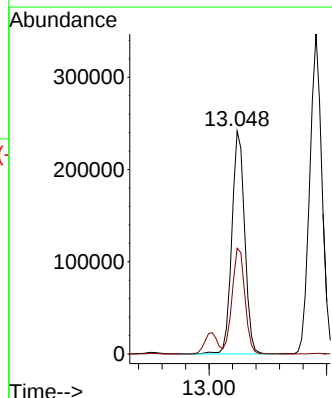
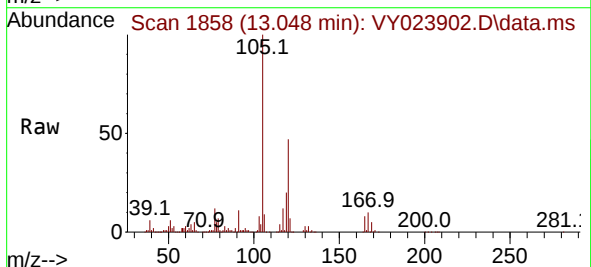
Acq: 09 Dec 2025 12:44

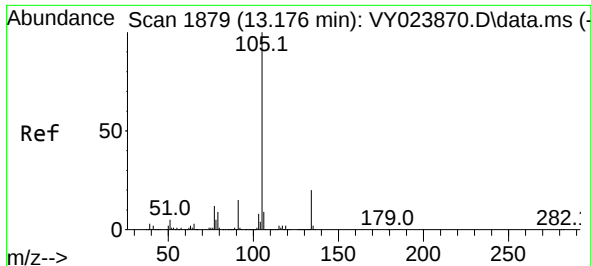
Tgt Ion:105 Resp: 366634

Ion Ratio Lower Upper

105 100

120 47.1 22.4 67.3

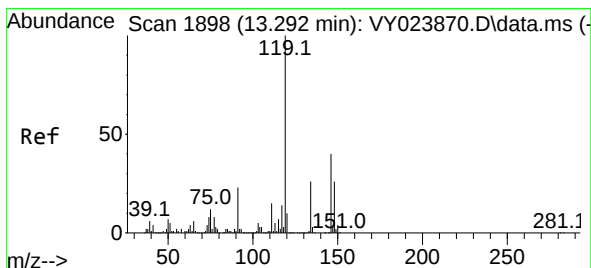
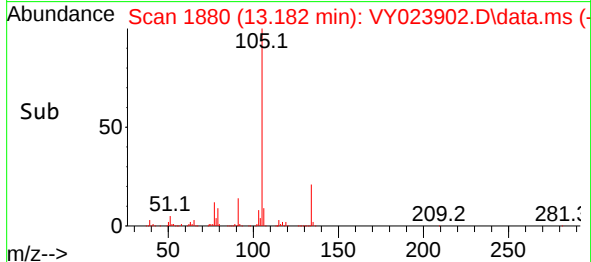
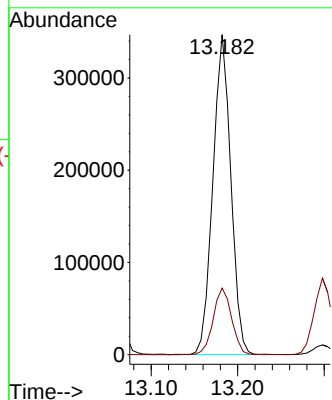
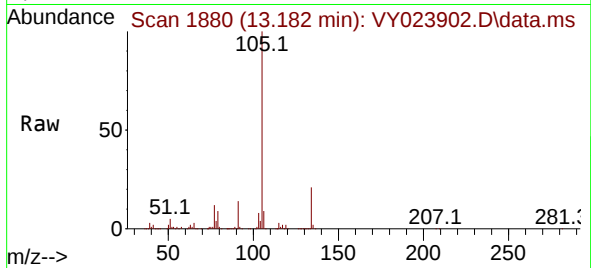




#85
 sec-Butylbenzene
 Concen: 18.863 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.006 min
 Lab File: VY023902.D
 Acq: 09 Dec 2025 12:44

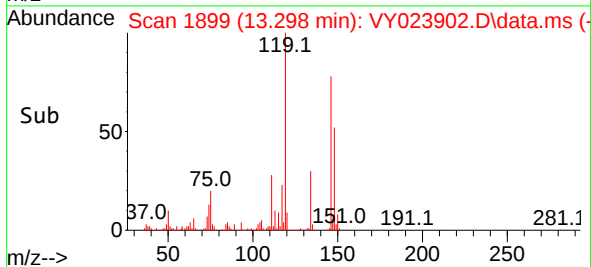
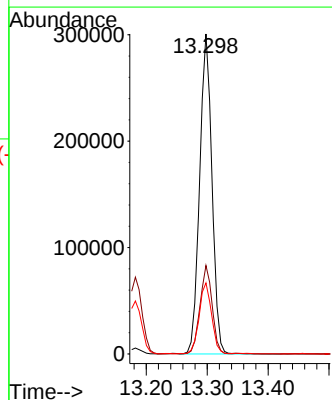
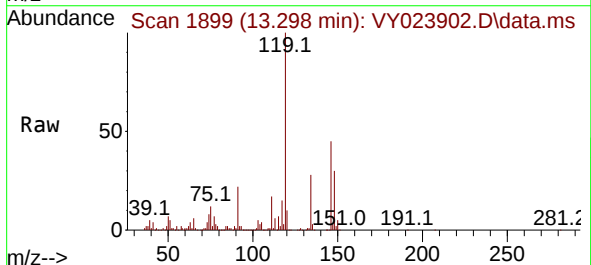
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBSD02

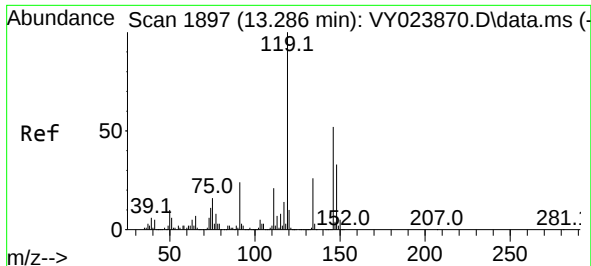
Tgt Ion:105 Resp: 499314
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.289 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY023902.D
 Acq: 09 Dec 2025 12:44

Tgt Ion:119 Resp: 422769
 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: 19.332 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS02

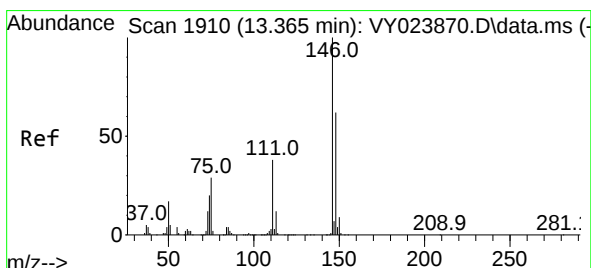
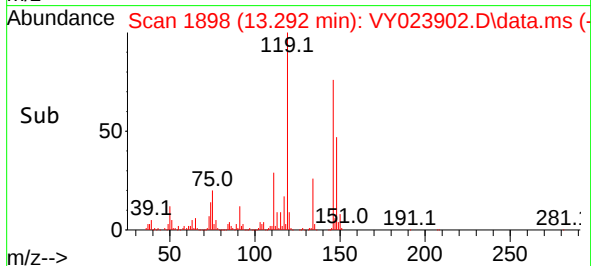
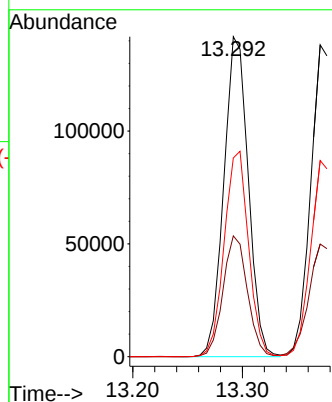
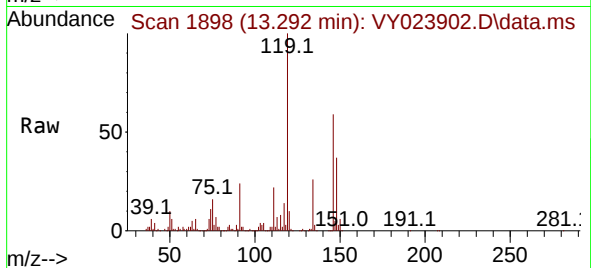
Tgt Ion:146 Resp: 219734

Ion Ratio Lower Upper

146 100

111 37.7 20.0 60.0

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.143 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

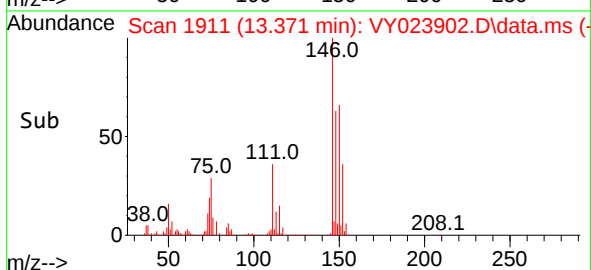
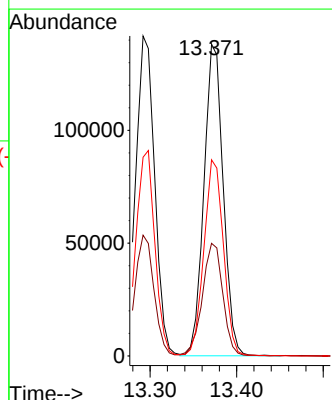
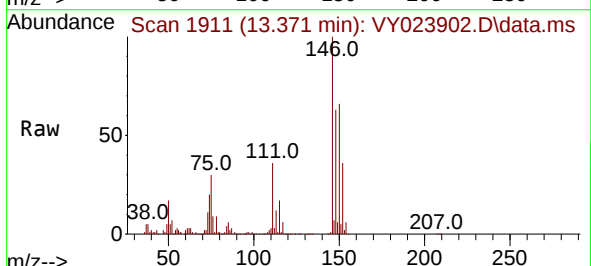
Tgt Ion:146 Resp: 213379

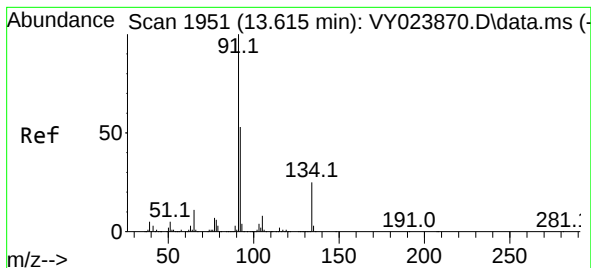
Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.1

148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 17.566 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBSD02

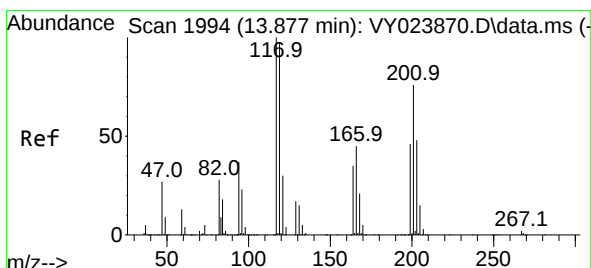
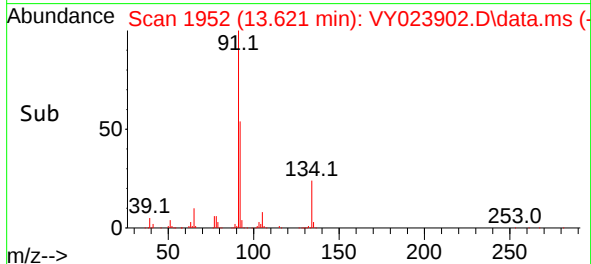
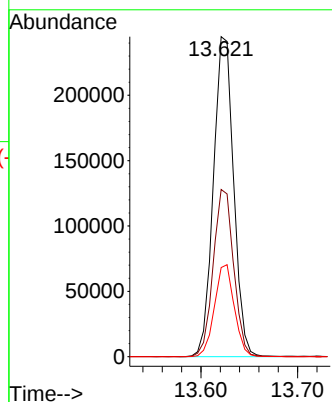
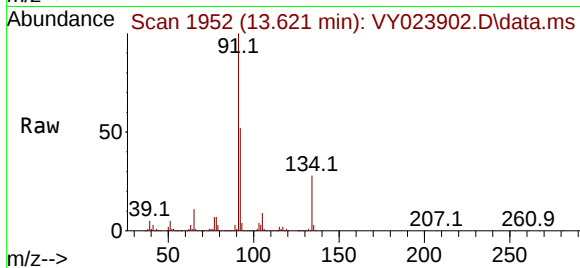
Tgt Ion: 91 Resp: 356346

Ion Ratio Lower Upper

91 100

92 52.8 26.7 80.0

134 28.2 13.0 39.0



#90

Hexachloroethane

Concen: 18.868 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.012 min

Lab File: VY023902.D

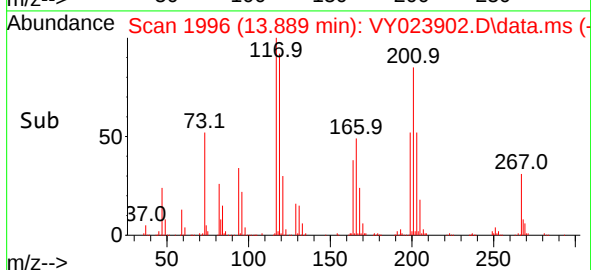
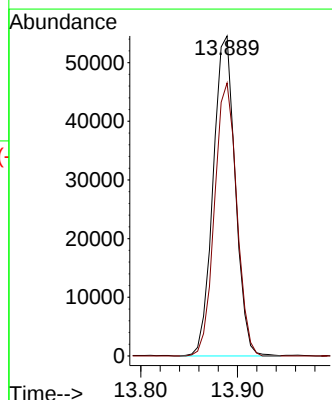
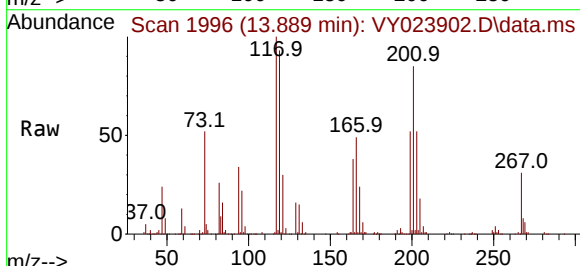
Acq: 09 Dec 2025 12:44

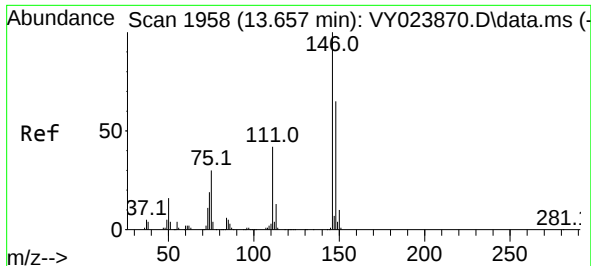
Tgt Ion: 117 Resp: 86751

Ion Ratio Lower Upper

117 100

201 85.3 39.1 117.2

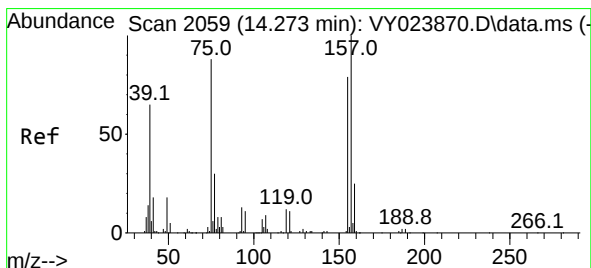
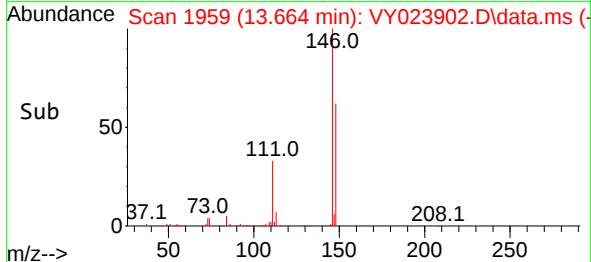
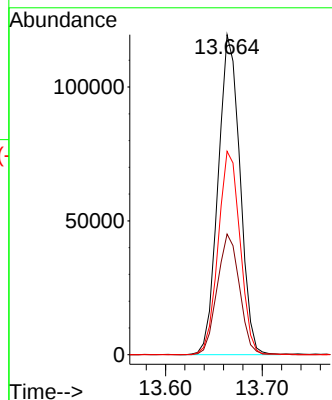
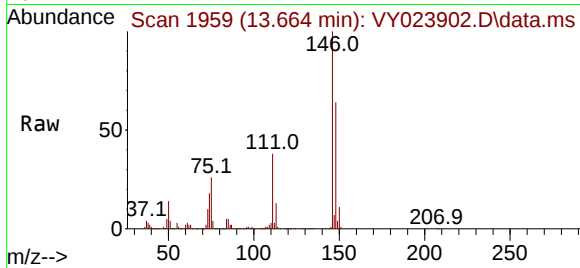




#91
1,2-Dichlorobenzene
Concen: 18.934 ug/l
RT: 13.664 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

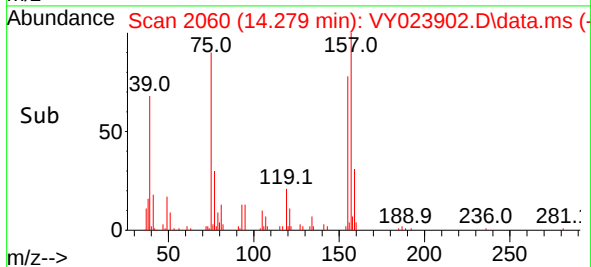
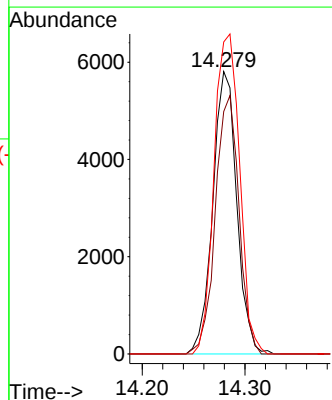
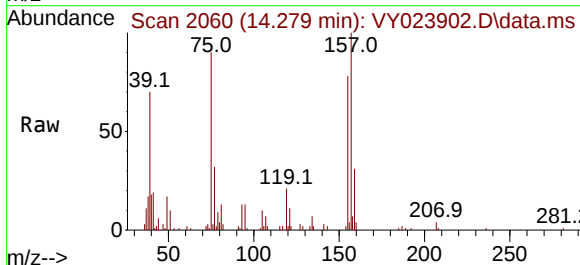
Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

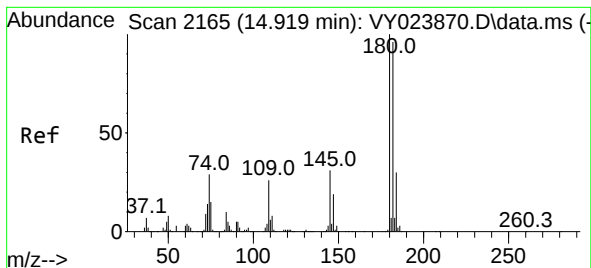
Tgt Ion:146 Resp: 187189
Ion Ratio Lower Upper
146 100
111 38.6 20.4 61.3
148 63.8 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.283 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion: 75 Resp: 9418
Ion Ratio Lower Upper
75 100
155 90.0 44.4 133.2
157 120.5 57.5 172.3





#93

1,2,4-Trichlorobenzene

Concen: 16.899 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS02

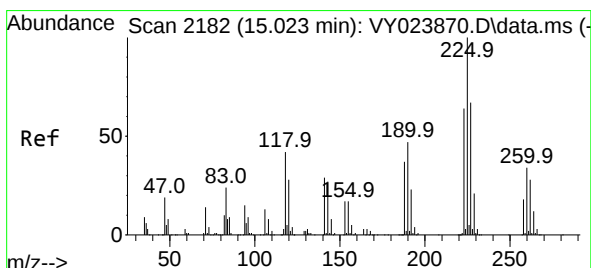
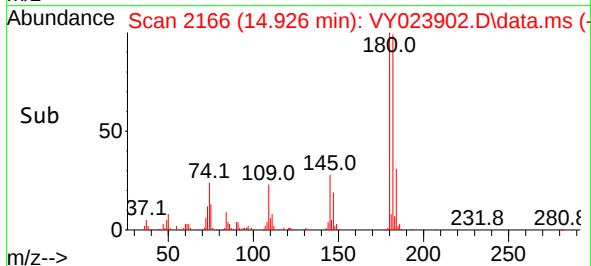
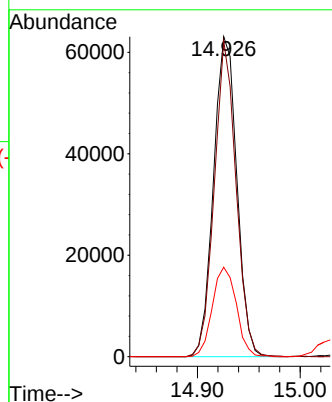
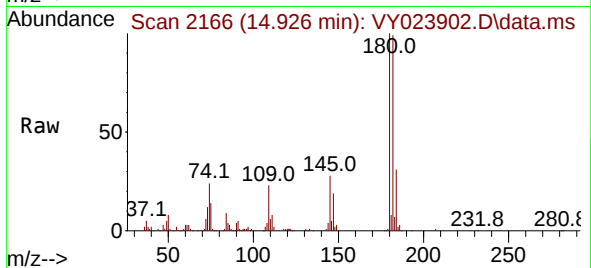
Tgt Ion:180 Resp: 99051

Ion Ratio Lower Upper

180 100

182 92.5 47.4 142.3

145 28.8 15.2 45.5



#94

Hexachlorobutadiene

Concen: 18.845 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY023902.D

Acq: 09 Dec 2025 12:44

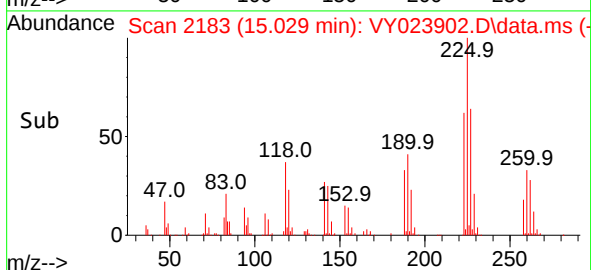
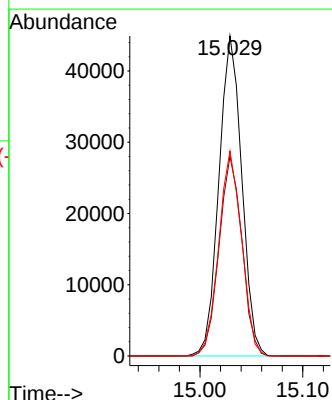
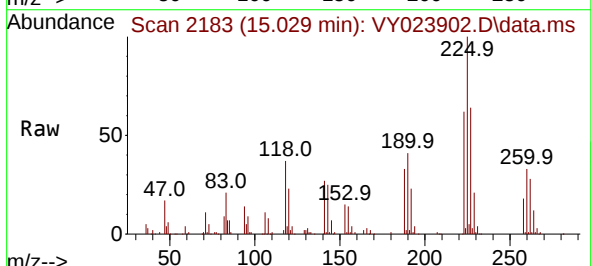
Tgt Ion:225 Resp: 69303

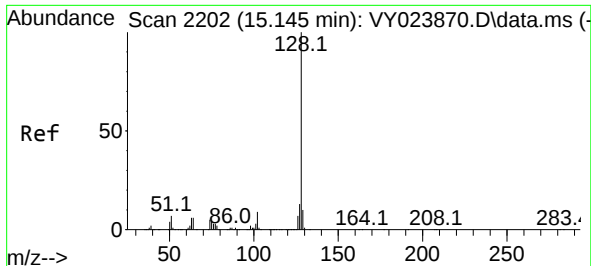
Ion Ratio Lower Upper

225 100

223 62.5 31.6 95.0

227 64.0 32.6 97.8

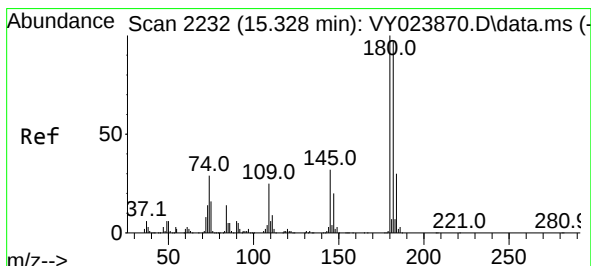
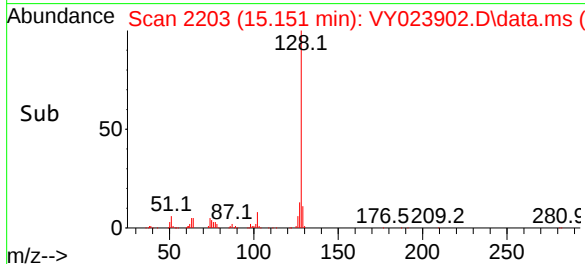
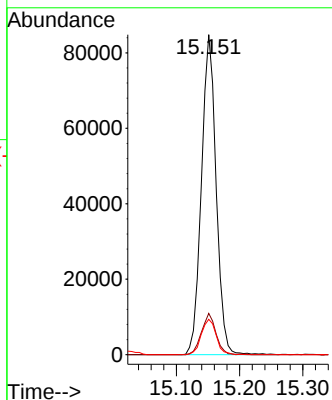
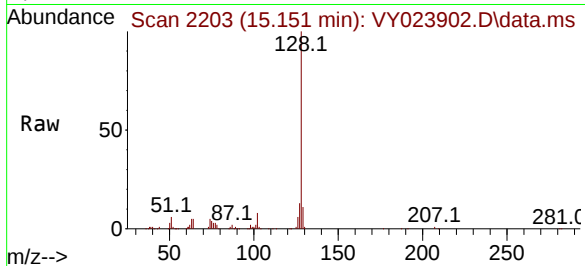




#95
Naphthalene
Concen: 14.236 ug/l
RT: 15.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS02

Tgt Ion:128 Resp: 137514
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 15.797 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY023902.D
Acq: 09 Dec 2025 12:44

Tgt Ion:180 Resp: 79013
Ion Ratio Lower Upper
180 100
182 97.8 46.9 140.8
145 31.1 15.7 47.1

