

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120125\
 Data File : VY023831.D
 Acq On : 01 Dec 2025 09:37
 Operator : SY/MD
 Sample : VY1201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

Quant Time: Dec 02 03:12:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	535284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	821167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	693280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	360194	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	248830	47.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.460%
35) Dibromofluoromethane	7.640	113	245782	50.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.060%
50) Toluene-d8	10.109	98	970281	50.217	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.440%
62) 4-Bromofluorobenzene	12.408	95	312712	49.188	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	89977	22.304	ug/l	98
3) Chloromethane	2.074	50	113977	18.468	ug/l	98
4) Vinyl Chloride	2.214	62	132305	19.818	ug/l	97
5) Bromomethane	2.598	94	91332	19.393	ug/l	98
6) Chloroethane	2.739	64	88723	20.392	ug/l	99
7) Trichlorofluoromethane	3.068	101	197869	21.922	ug/l	97
8) Diethyl Ether	3.458	74	57657	20.282	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	121248	23.016	ug/l	100
10) Methyl Iodide	4.013	142	111306	19.282	ug/l	100
11) Tert butyl alcohol	4.872	59	34349	80.230	ug/l	99
12) 1,1-Dichloroethene	3.793	96	109976	21.220	ug/l	98
13) Acrolein	3.659	56	58063	94.341	ug/l	99
14) Allyl chloride	4.391	41	175485	21.374	ug/l	100
15) Acrylonitrile	5.074	53	130380	106.262	ug/l	99
16) Acetone	3.879	43	178820	119.062	ug/l	99
17) Carbon Disulfide	4.110	76	302314	18.075	ug/l	99
18) Methyl Acetate	4.391	43	53409	18.414	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	272508	20.576	ug/l	98
20) Methylene Chloride	4.629	84	119171	18.768	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	121125	21.109	ug/l	99
22) Diisopropyl ether	6.025	45	393709	22.177	ug/l	99
23) Vinyl Acetate	5.970	43	1063545	107.732	ug/l	100
24) 1,1-Dichloroethane	5.927	63	226397	21.678	ug/l	97
25) 2-Butanone	6.903	43	202591	110.530	ug/l	98
26) 2,2-Dichloropropane	6.890	77	197627	21.349	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	140195	21.039	ug/l	99
28) Bromochloromethane	7.250	49	83277	19.170	ug/l	99
29) Tetrahydrofuran	7.268	42	103454	101.198	ug/l	99
30) Chloroform	7.427	83	230773	21.975	ug/l	100
31) Cyclohexane	7.707	56	210277	20.982	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	208075	22.322	ug/l	99
36) 1,1-Dichloropropene	7.841	75	170161	22.814	ug/l	98
37) Ethyl Acetate	6.988	43	76926	21.927	ug/l	98
38) Carbon Tetrachloride	7.823	117	189158	23.105	ug/l	99
39) Methylcyclohexane	9.110	83	216857	22.015	ug/l	98
40) Benzene	8.085	78	505947	22.043	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	36625	20.911	ug/l	96
42) 1,2-Dichloroethane	8.165	62	131688	22.255	ug/l	99
43) Isopropyl Acetate	8.201	43	135465	20.662	ug/l	98
44) Trichloroethene	8.866	130	133143	22.609	ug/l	99
45) 1,2-Dichloropropane	9.146	63	122233	22.587	ug/l	99
46) Dibromomethane	9.238	93	63760	21.713	ug/l	98
47) Bromodichloromethane	9.427	83	170078	22.162	ug/l	98
48) Methyl methacrylate	9.225	41	65192	21.120	ug/l	99
49) 1,4-Dioxane	9.231	88	13950	423.887	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	369864	107.166	ug/l	99
52) Toluene	10.170	92	320816	22.547	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	150627	21.427	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	185024	21.988	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	86396	21.964	ug/l	95
56) Ethyl methacrylate	10.439	69	105292	20.386	ug/l	98
57) 1,3-Dichloropropane	10.719	76	149278	21.755	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	212318	85.570	ug/l	99
59) 2-Hexanone	10.762	43	291270	114.126	ug/l	98
60) Dibromochloromethane	10.914	129	116254	22.024	ug/l	99
61) 1,2-Dibromoethane	11.018	107	77457	21.214	ug/l	100
64) Tetrachloroethene	10.652	164	153349	23.317	ug/l	96
65) Chlorobenzene	11.444	112	344594	22.644	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	118503	22.922	ug/l	99
67) Ethyl Benzene	11.524	91	594212	22.860	ug/l	97
68) m/p-Xylenes	11.627	106	462889	46.213	ug/l	99
69) o-Xylene	11.957	106	211631	22.537	ug/l	99
70) Styrene	11.969	104	350904	22.684	ug/l	100
71) Bromoform	12.133	173	66096	21.918	ug/l	99
73) Isopropylbenzene	12.255	105	577632	22.596	ug/l	100
74) N-amyl acetate	12.072	43	113778	19.922	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	87761	20.852	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	126677	40.442	ug/l #	100
77) Bromobenzene	12.530	156	130000	21.620	ug/l	98
78) n-propylbenzene	12.597	91	707533	22.988	ug/l	99
79) 2-Chlorotoluene	12.682	91	391060	22.077	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	470287	22.535	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	30845	20.814	ug/l	97
82) 4-Chlorotoluene	12.780	91	404596	22.240	ug/l	100
83) tert-Butylbenzene	12.999	119	423201	22.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	466685	22.376	ug/l	100
85) sec-Butylbenzene	13.176	105	637239	23.027	ug/l	99
86) p-Isopropyltoluene	13.292	119	528395	22.843	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	260011	21.576	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	259834	21.601	ug/l	99
89) n-Butylbenzene	13.615	91	482726	22.760	ug/l	99
90) Hexachloroethane	13.877	117	108829	22.393	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	231193	21.939	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13788	19.572	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	130560	20.779	ug/l	99
94) Hexachlorobutadiene	15.023	225	88094	22.514	ug/l	97
95) Naphthalene	15.145	128	208532	19.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	113544	21.218	ug/l	97

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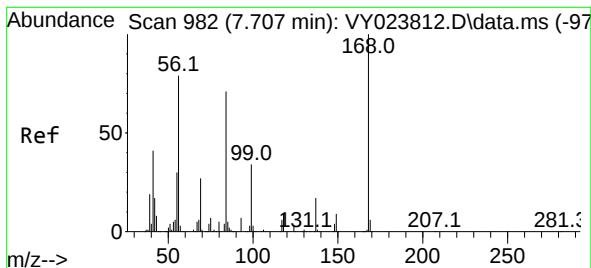
Quant Time: Dec 02 03:12:53 2025
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Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

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

Quant Time: Dec 02 03:12:53 2025
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY023831.D

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Instrument :

MSVOA_Y

ClientSampleId :

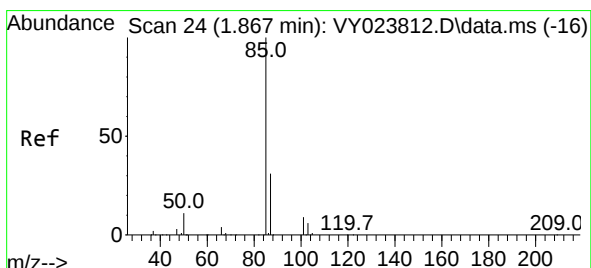
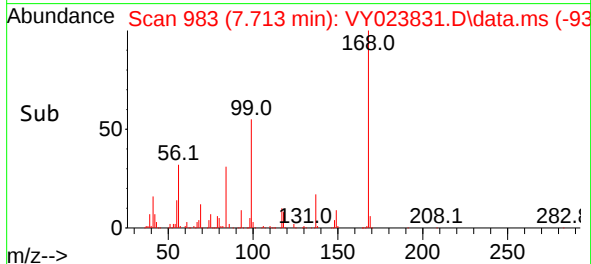
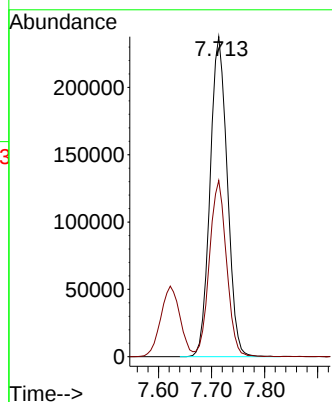
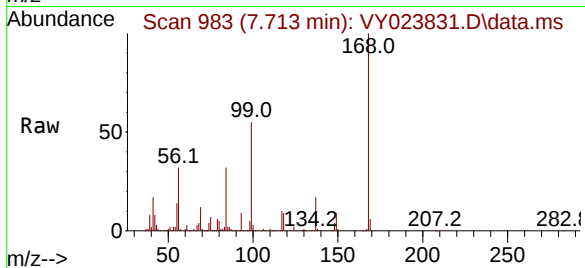
VY1201SBS01

Tgt Ion:168 Resp: 535284

Ion Ratio Lower Upper

168 100

99 55.0 44.0 66.0



#2

Dichlorodifluoromethane

Concen: 22.304 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY023831.D

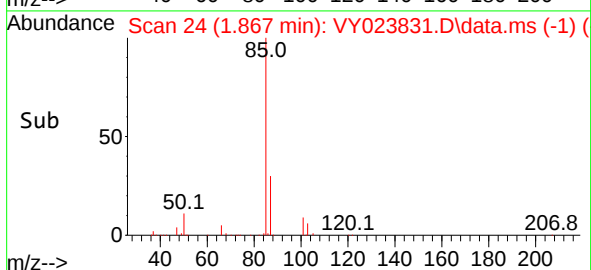
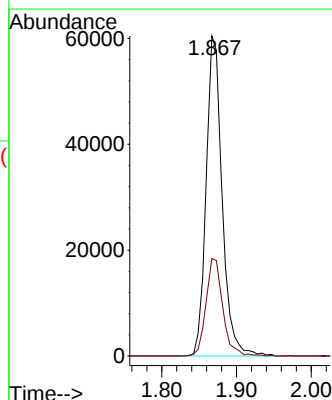
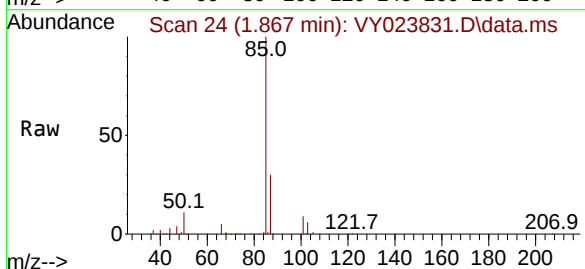
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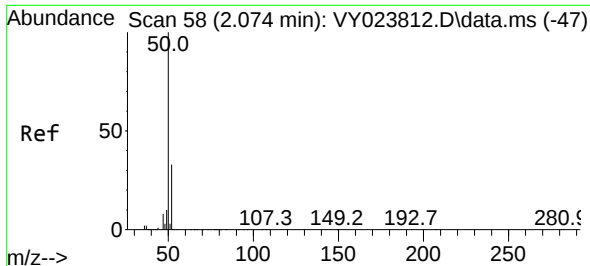
Tgt Ion: 85 Resp: 89977

Ion Ratio Lower Upper

85 100

87 30.5 15.7 47.1

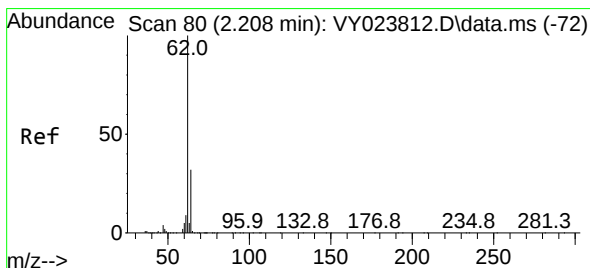
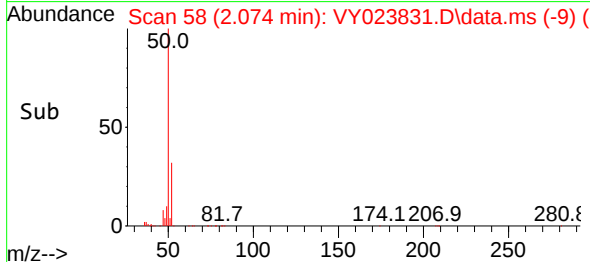
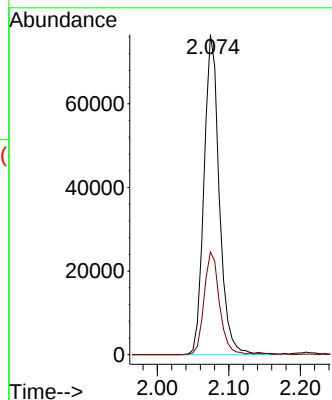
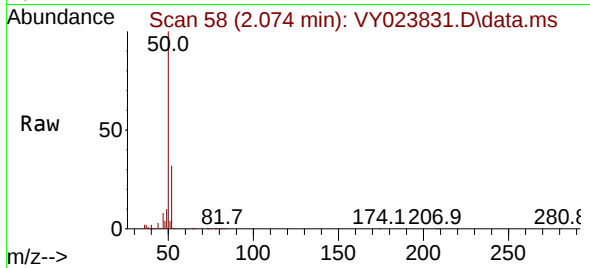




#3
Chloromethane
Concen: 18.468 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023831.D
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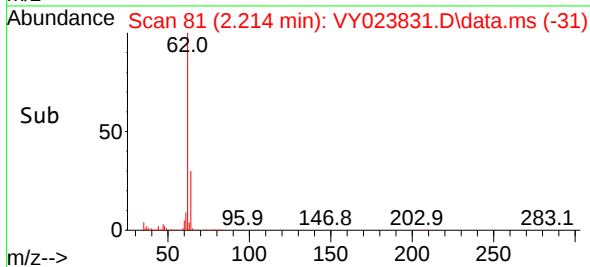
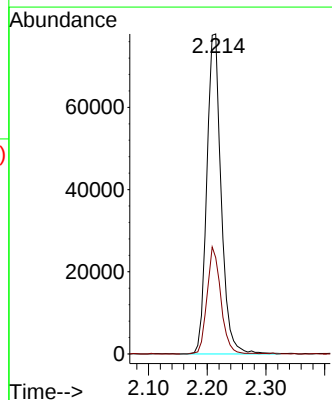
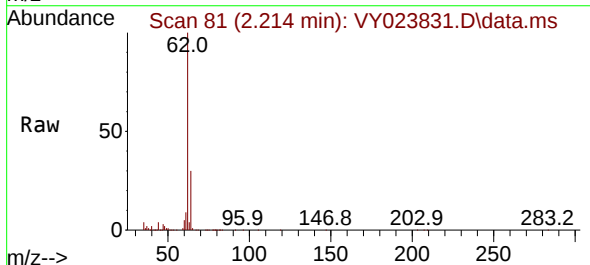
Instrument :
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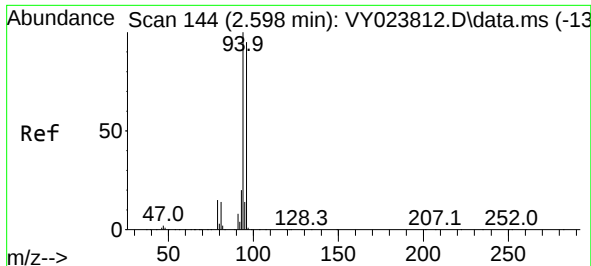
Tgt Ion: 50 Resp: 113977
Ion Ratio Lower Upper
50 100
52 32.1 26.6 39.8



#4
Vinyl Chloride
Concen: 19.818 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 62 Resp: 132305
Ion Ratio Lower Upper
62 100
64 30.1 25.4 38.0

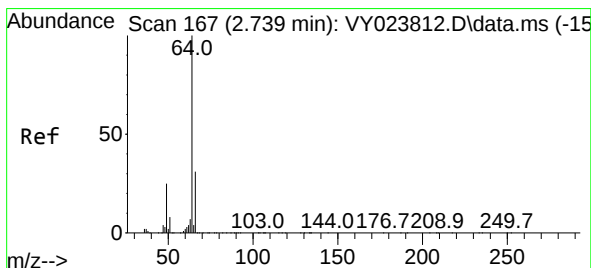
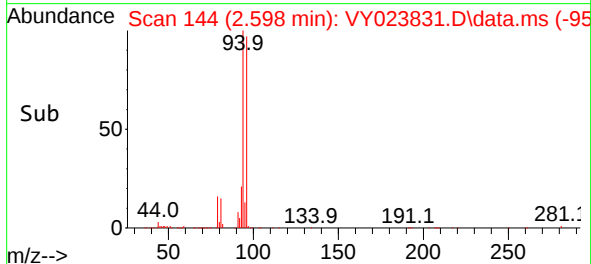
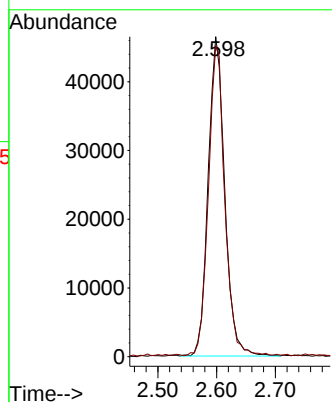
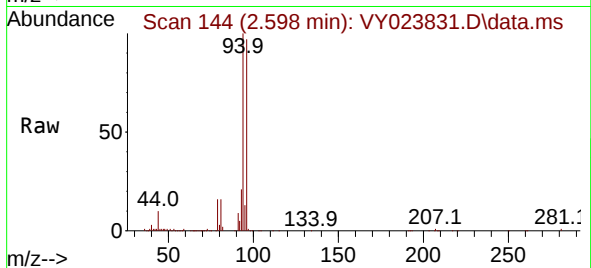




#5
Bromomethane
Concen: 19.393 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

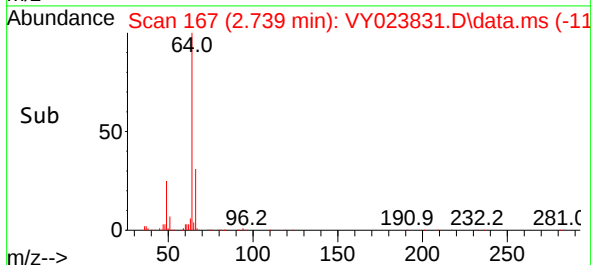
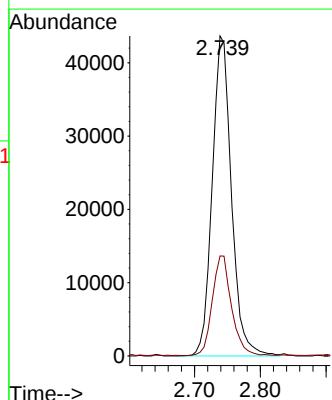
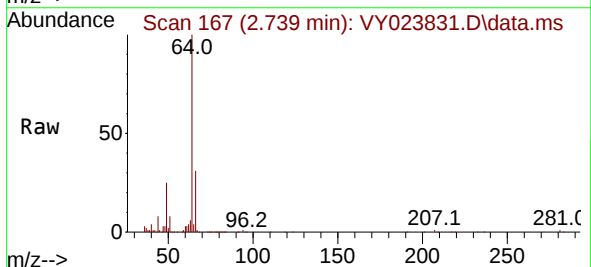
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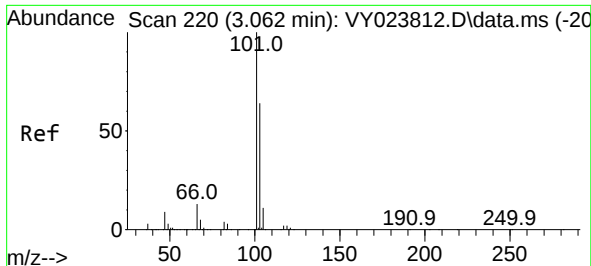
Tgt Ion: 94 Resp: 91332
Ion Ratio Lower Upper
94 100
96 96.7 76.1 114.1



#6
Chloroethane
Concen: 20.392 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 88723
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7

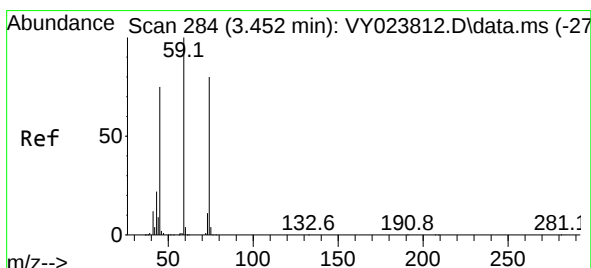
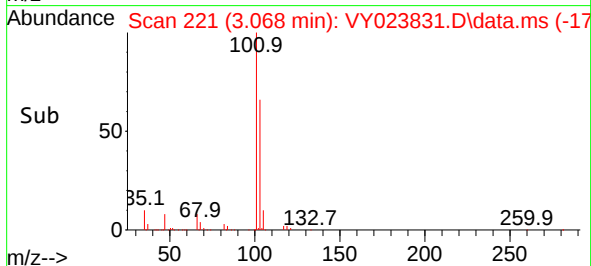
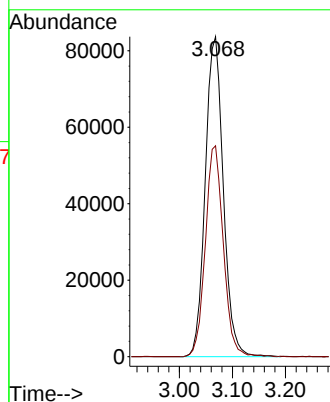
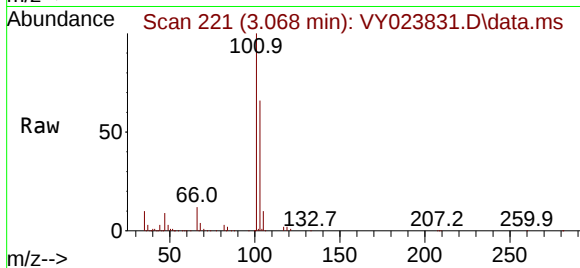




#7
 Trichlorofluoromethane
 Concen: 21.922 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY023831.D
 Acq: 01 Dec 2025 09:37

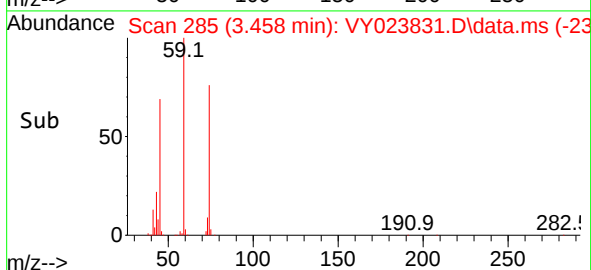
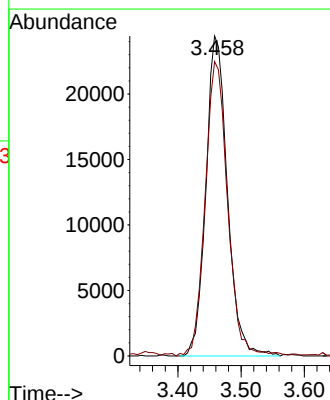
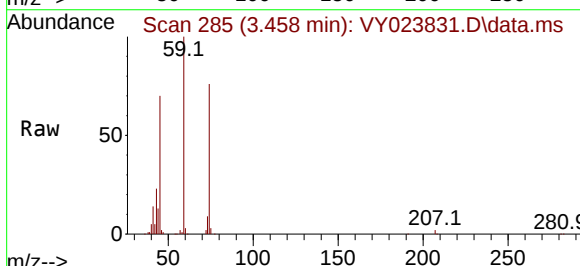
Instrument :
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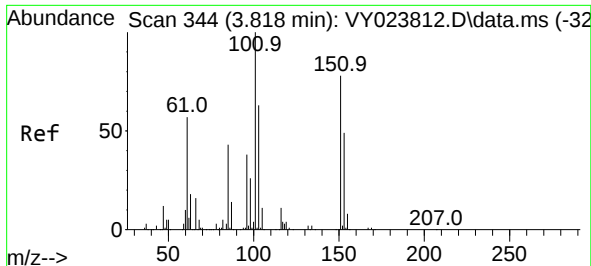
Tgt Ion:101 Resp: 197869
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.8 76.2



#8
 Diethyl Ether
 Concen: 20.282 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 57657
 Ion Ratio Lower Upper
 74 100
 45 96.3 47.0 141.0

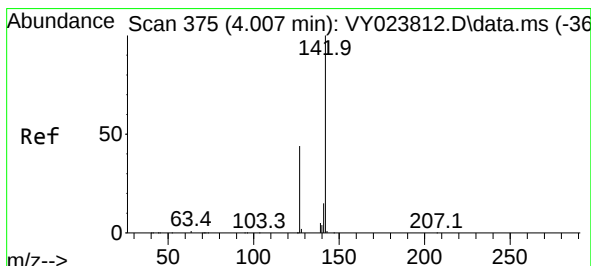
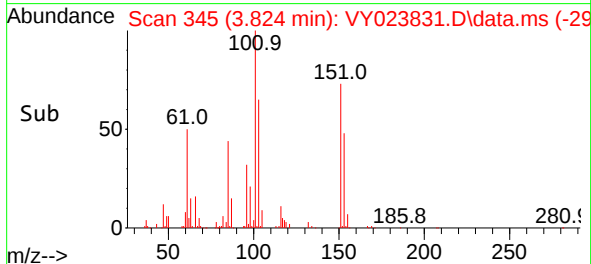
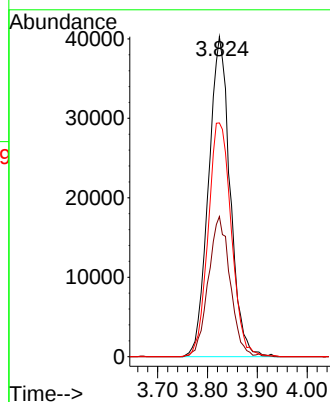
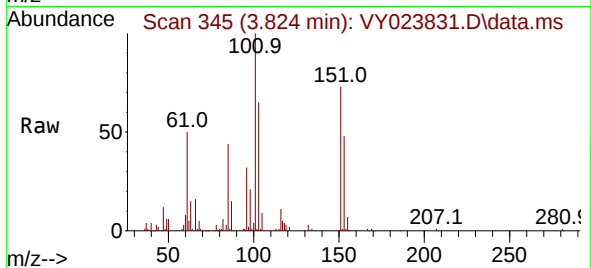




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.016 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
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Acq: 01 Dec 2025 09:37

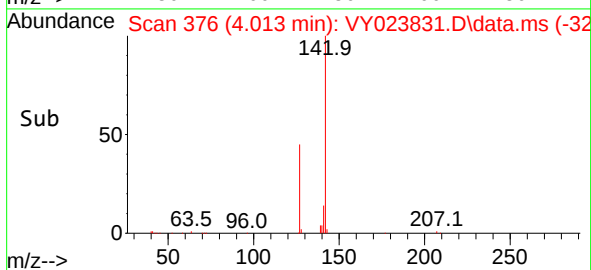
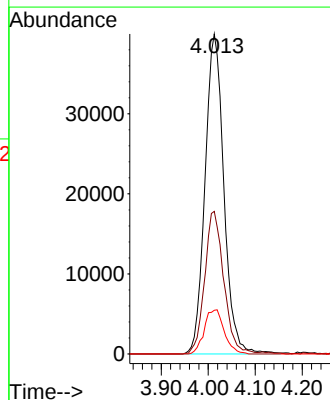
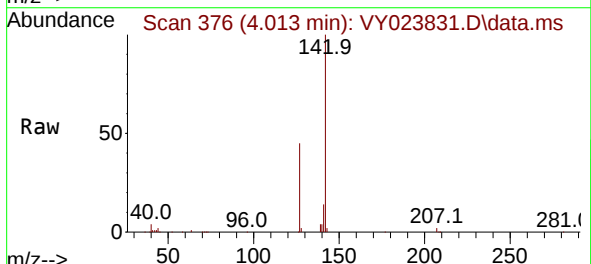
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

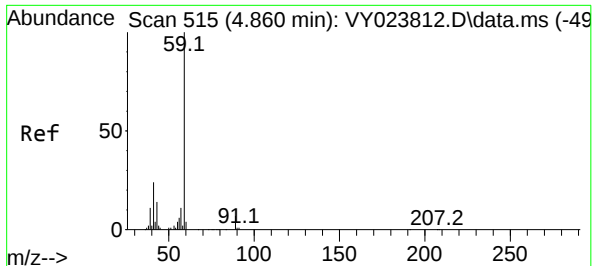
Tgt Ion:101 Resp: 121248
Ion Ratio Lower Upper
101 100
85 44.3 35.8 53.8
151 78.3 62.8 94.2



#10
Methyl Iodide
Concen: 19.282 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion:142 Resp: 111306
Ion Ratio Lower Upper
142 100
127 45.1 36.2 54.2
141 14.6 11.4 17.0

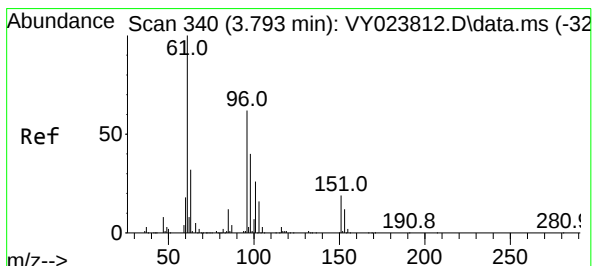
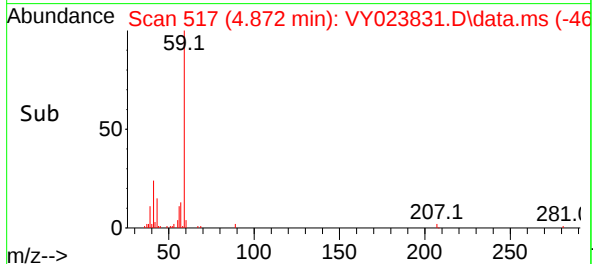
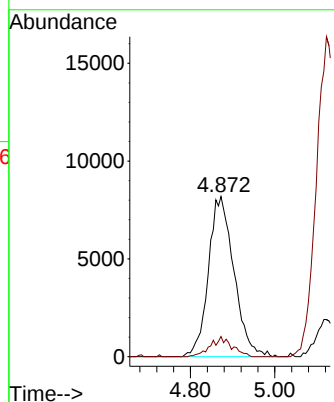
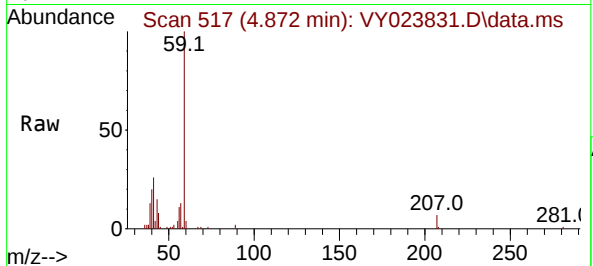




#11
Tert butyl alcohol
Concen: 80.230 ug/l
RT: 4.872 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

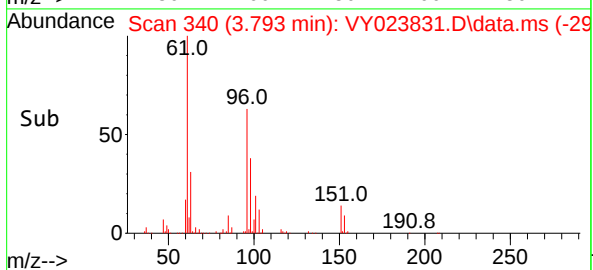
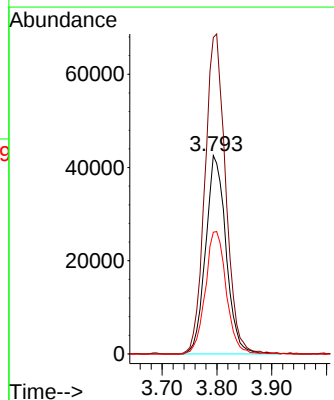
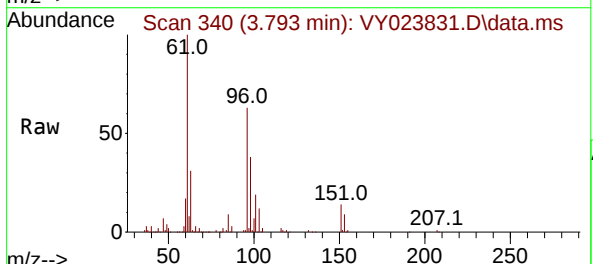
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

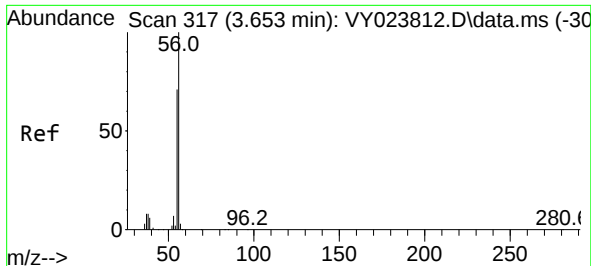
Tgt Ion: 59 Resp: 34349
Ion Ratio Lower Upper
59 100
57 10.5 8.0 12.0



#12
1,1-Dichloroethene
Concen: 21.220 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 96 Resp: 109976
Ion Ratio Lower Upper
96 100
61 159.5 128.9 193.3
98 61.4 51.8 77.6

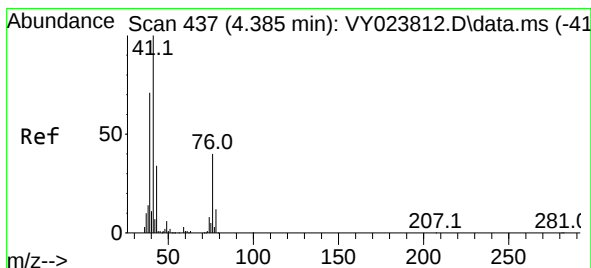
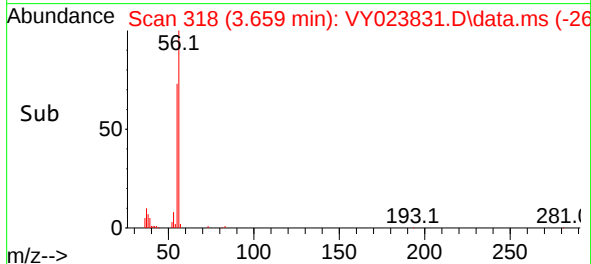
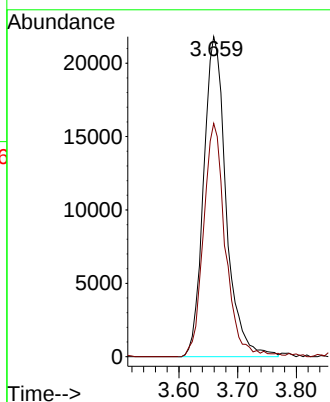
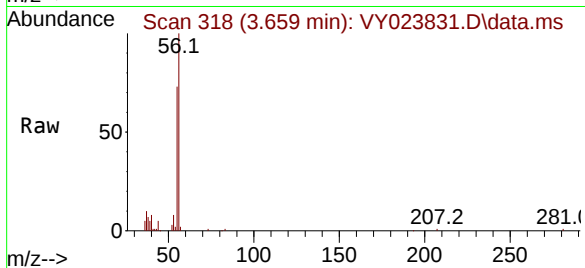




#13
Acrolein
Concen: 94.341 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

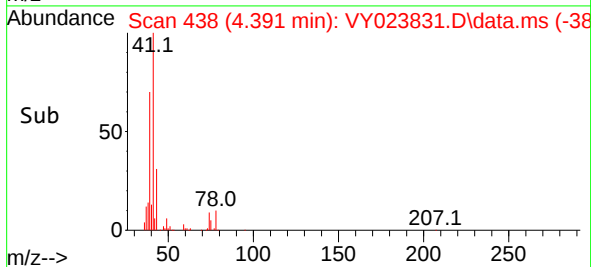
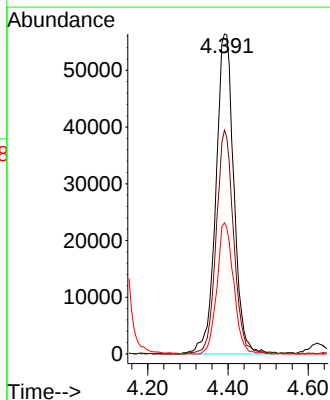
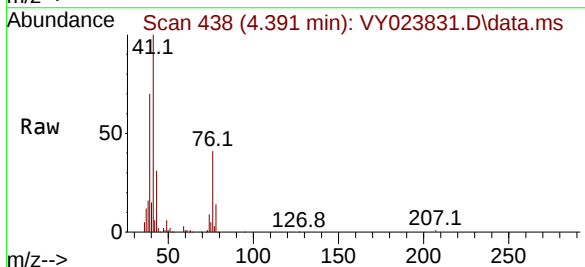
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

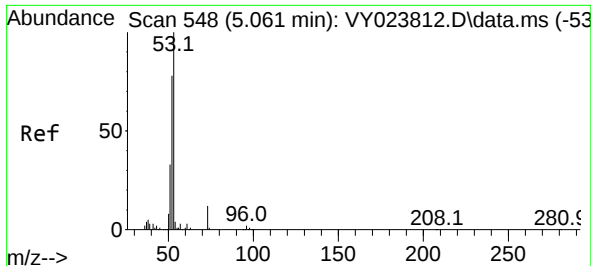
Tgt Ion: 56 Resp: 58063
Ion Ratio Lower Upper
56 100
55 70.9 57.1 85.7



#14
Allyl chloride
Concen: 21.374 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 41 Resp: 175485
Ion Ratio Lower Upper
41 100
39 67.6 54.1 81.1
76 38.0 31.0 46.6

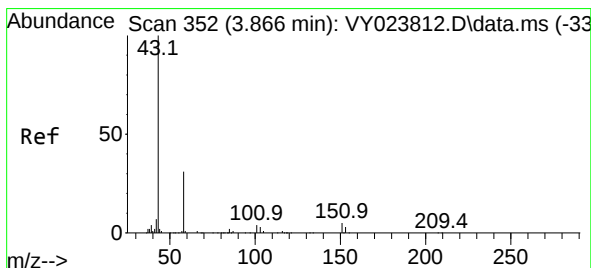
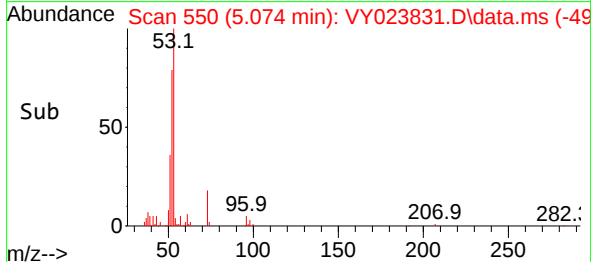
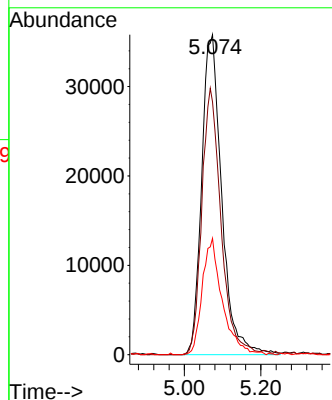
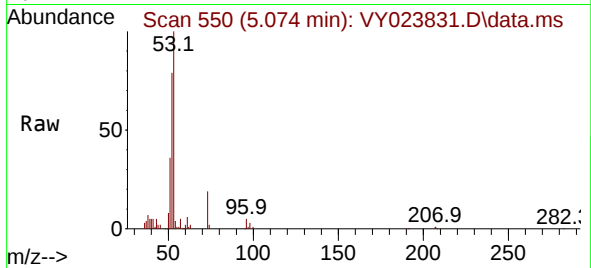




#15
Acrylonitrile
Concen: 106.262 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

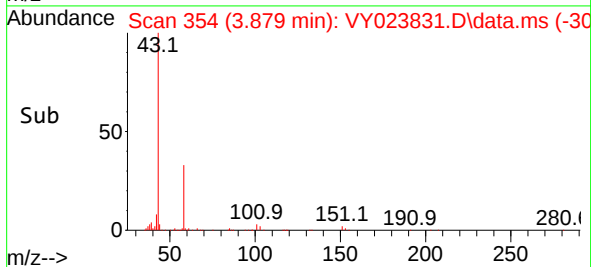
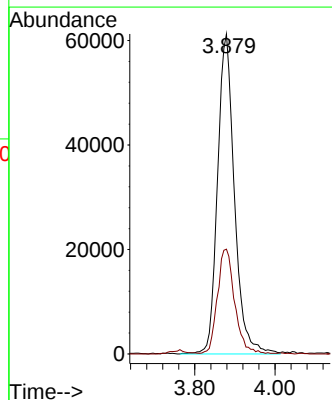
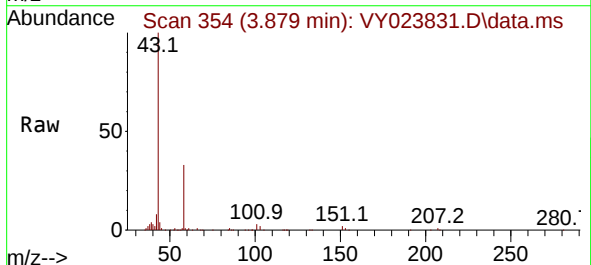
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

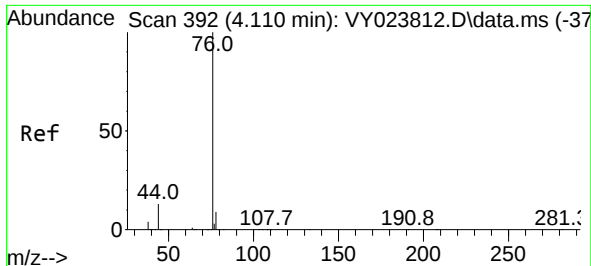
Tgt Ion: 53 Resp: 130380
Ion Ratio Lower Upper
53 100
52 79.5 64.0 96.0
51 36.3 28.7 43.1



#16
Acetone
Concen: 119.062 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 43 Resp: 178820
Ion Ratio Lower Upper
43 100
58 32.4 25.4 38.2

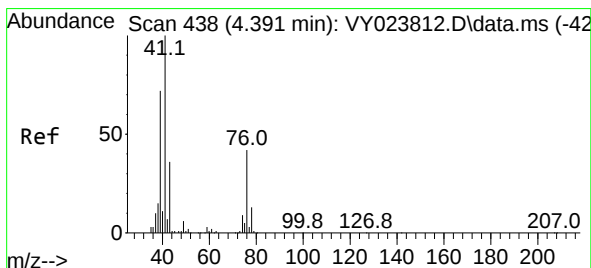
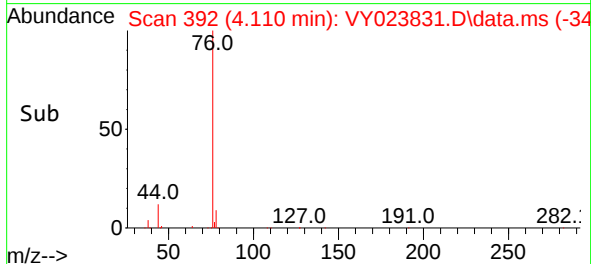
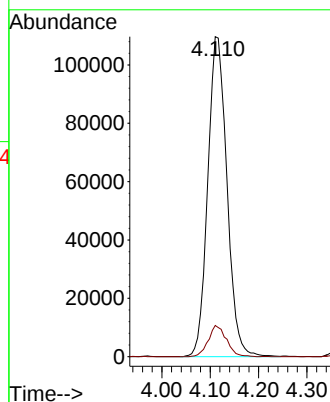
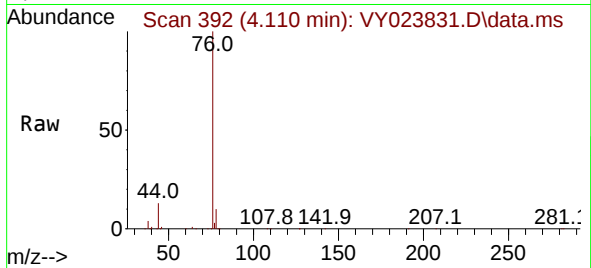




#17
Carbon Disulfide
Concen: 18.075 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

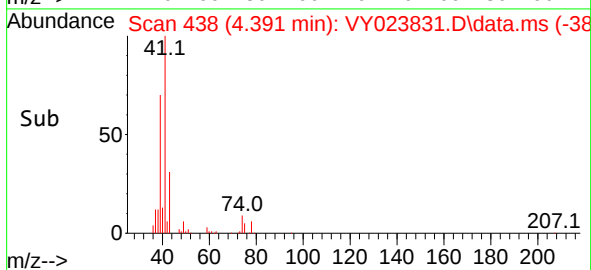
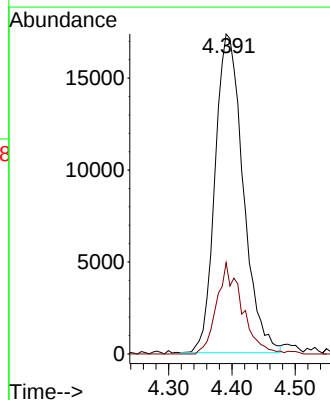
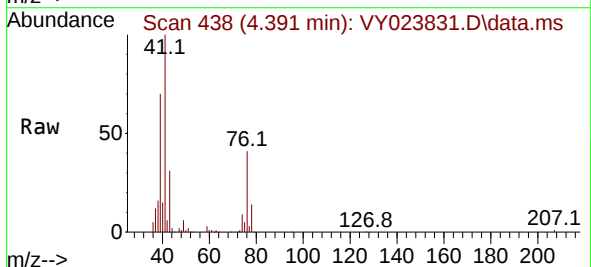
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

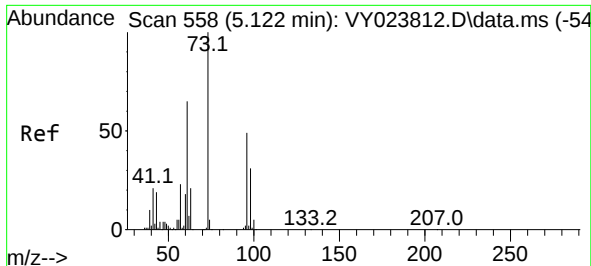
Tgt Ion: 76 Resp: 302314
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#18
Methyl Acetate
Concen: 18.414 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 43 Resp: 53409
Ion Ratio Lower Upper
43 100
74 25.9 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 20.576 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

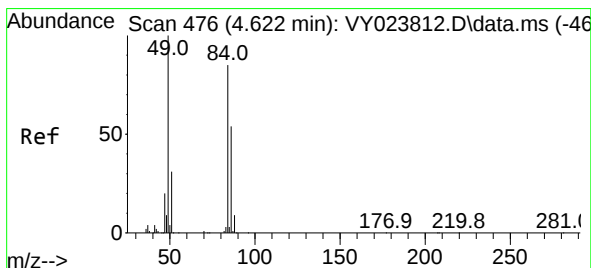
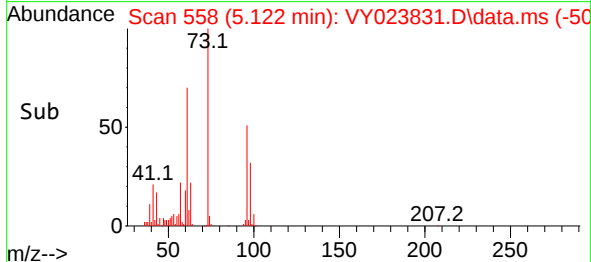
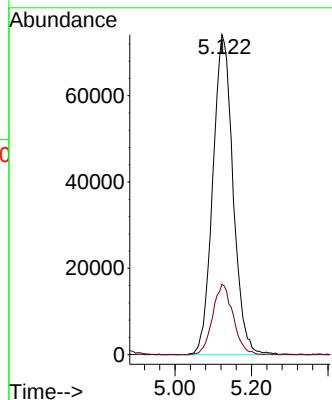
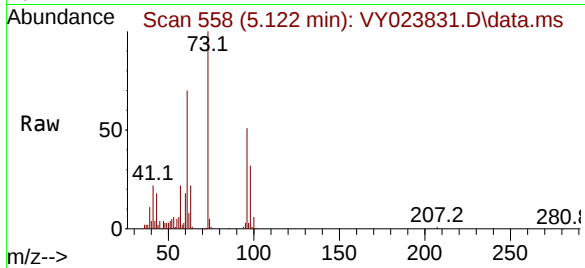
VY1201SBS01

Tgt Ion: 73 Resp: 272508

Ion Ratio Lower Upper

73 100

57 22.1 18.4 27.6



#20

Methylene Chloride

Concen: 18.768 ug/l

RT: 4.629 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Tgt Ion: 84 Resp: 119171

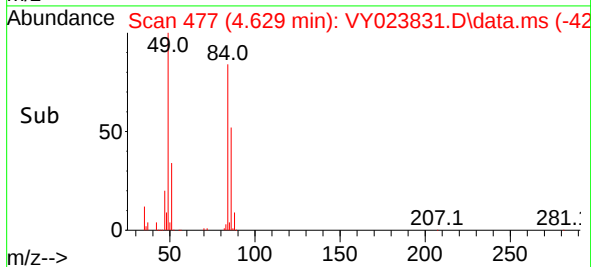
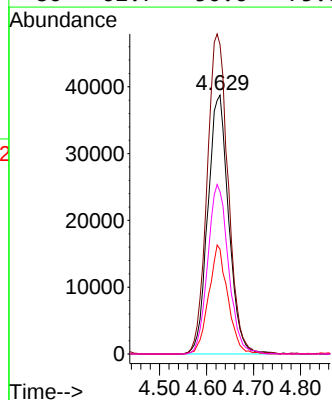
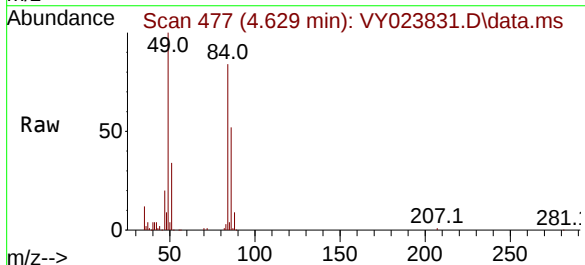
Ion Ratio Lower Upper

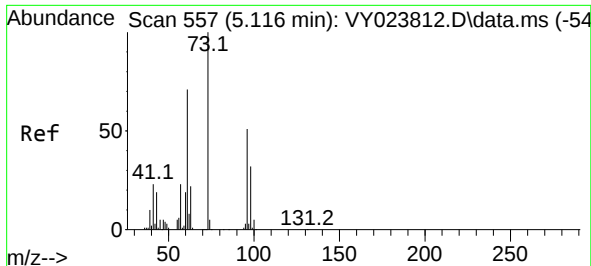
84 100

49 119.5 94.0 141.0

51 40.5 29.2 43.8

86 62.7 50.6 75.8

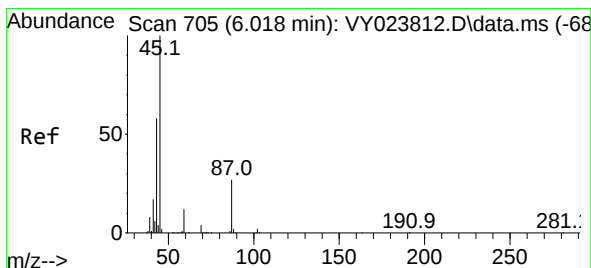
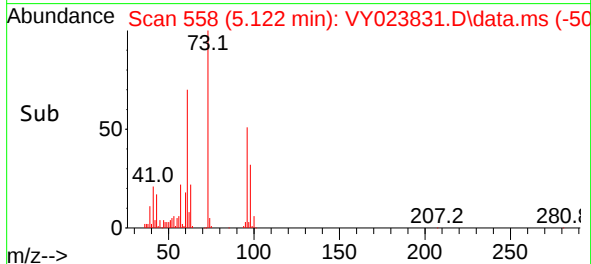
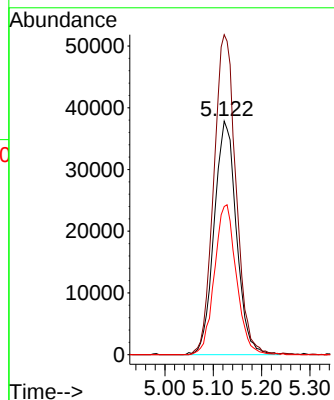
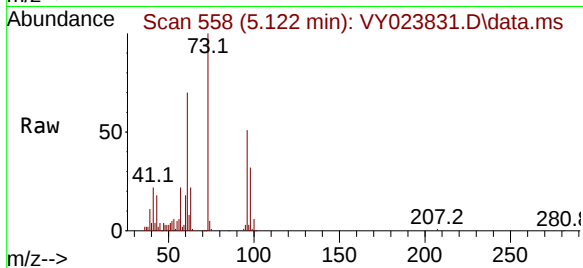




#21
trans-1,2-Dichloroethene
Concen: 21.109 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

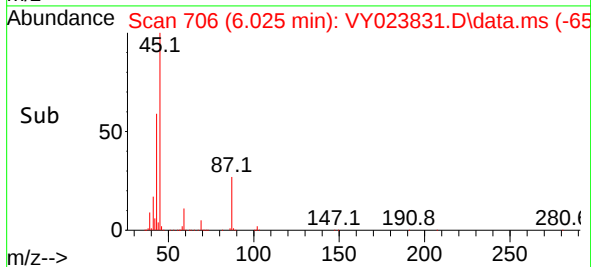
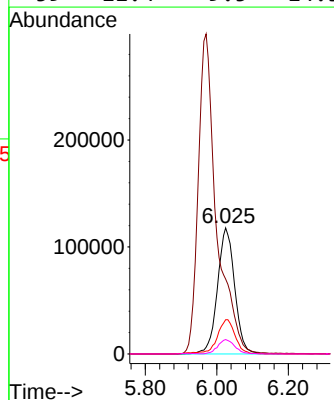
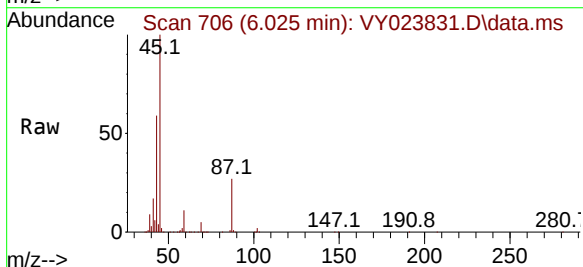
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

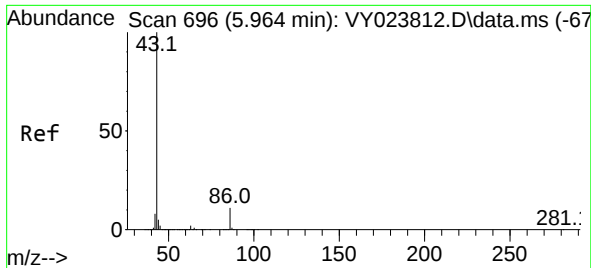
Tgt Ion: 96 Resp: 121125
Ion Ratio Lower Upper
96 100
61 137.0 111.2 166.8
98 63.4 50.5 75.7



#22
Diisopropyl ether
Concen: 22.177 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 45 Resp: 393709
Ion Ratio Lower Upper
45 100
43 59.3 46.4 69.6
87 27.1 22.1 33.1
59 11.4 9.5 14.3

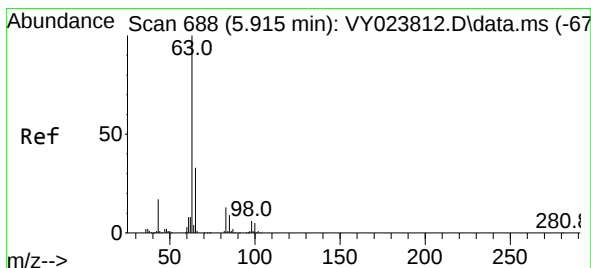
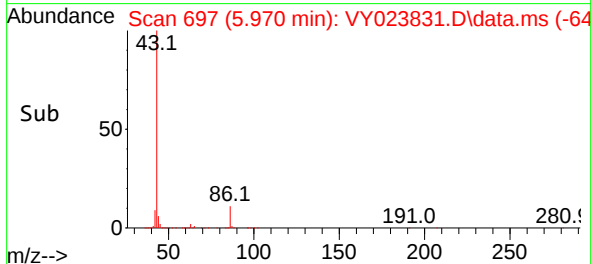
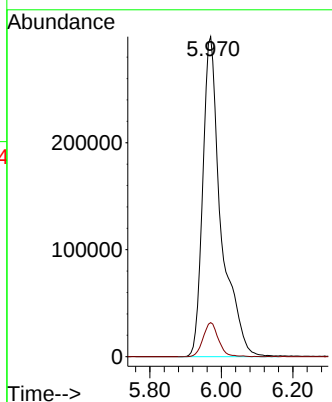
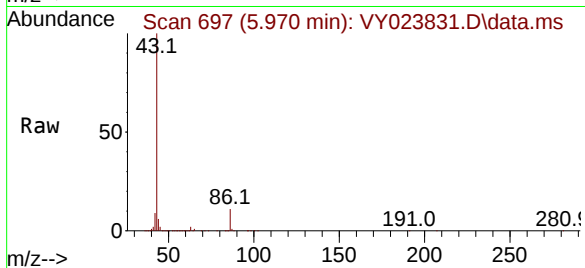




#23
 Vinyl Acetate
 Concen: 107.732 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY023831.D
 Acq: 01 Dec 2025 09:37

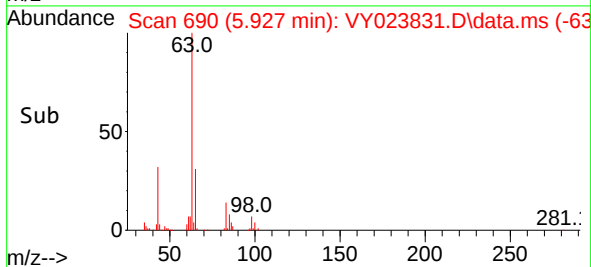
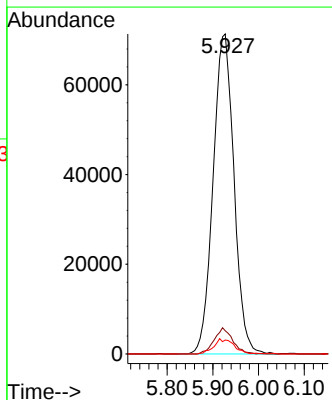
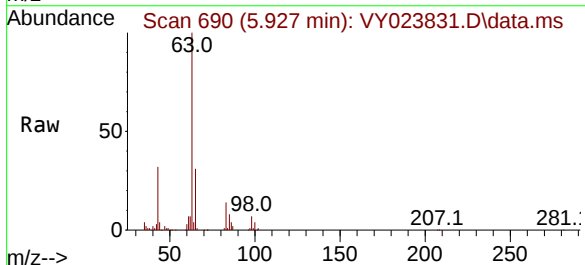
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

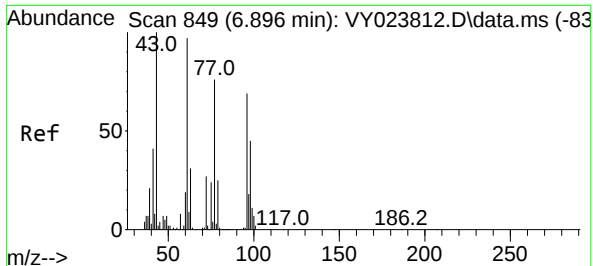
Tgt Ion: 43 Resp: 1063545
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.678 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY023831.D
 Acq: 01 Dec 2025 09:37

Tgt Ion: 63 Resp: 226397
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.8
 100 4.3 2.3 6.9





#25

2-Butanone

Concen: 110.530 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

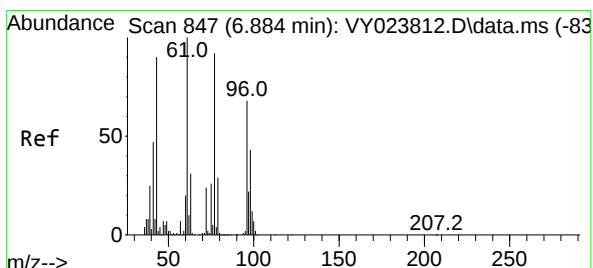
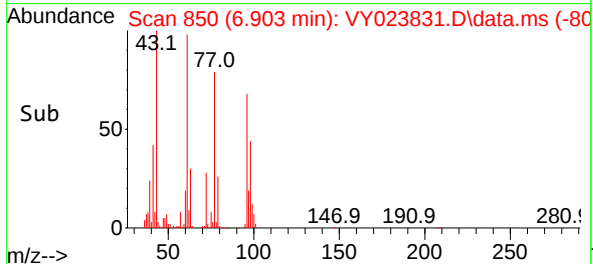
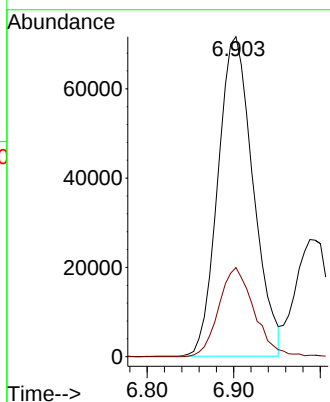
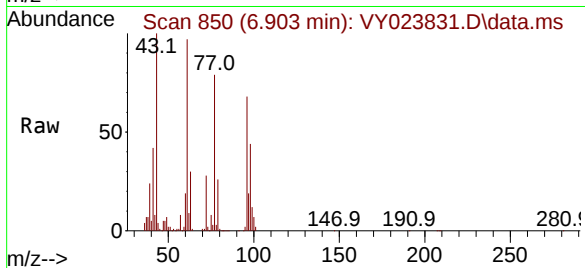
VY1201SBS01

Tgt Ion: 43 Resp: 202591

Ion Ratio Lower Upper

43 100

72 27.9 21.3 31.9



#26

2,2-Dichloropropane

Concen: 21.349 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023831.D

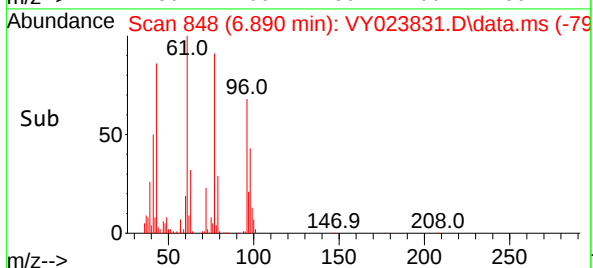
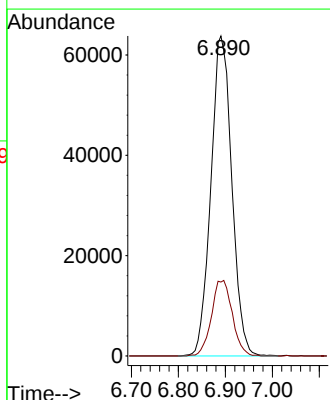
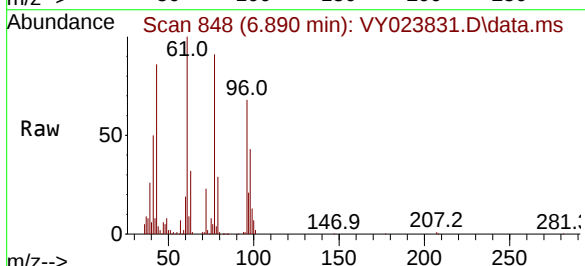
Acq: 01 Dec 2025 09:37

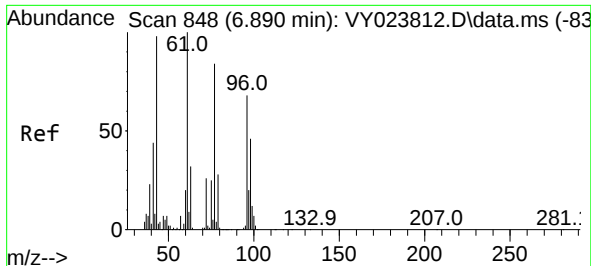
Tgt Ion: 77 Resp: 197627

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 21.039 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

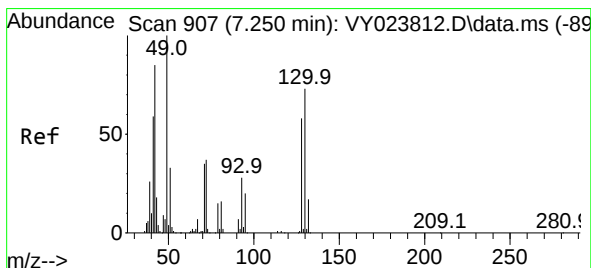
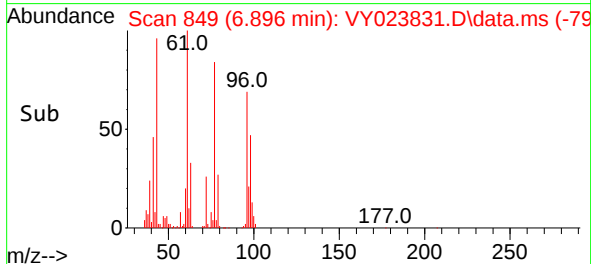
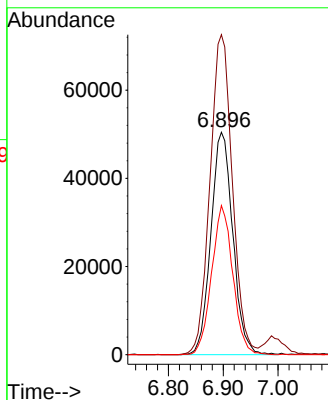
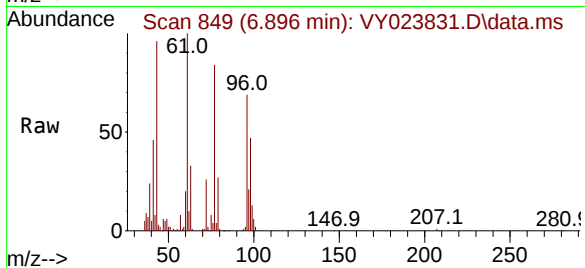
Tgt Ion: 96 Resp: 140195

Ion Ratio Lower Upper

96 100

61 147.1 0.0 291.2

98 64.7 0.0 128.6



#28

Bromochloromethane

Concen: 19.170 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

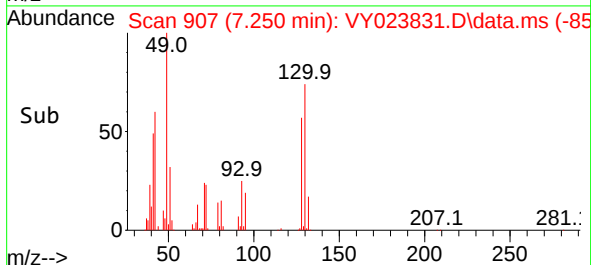
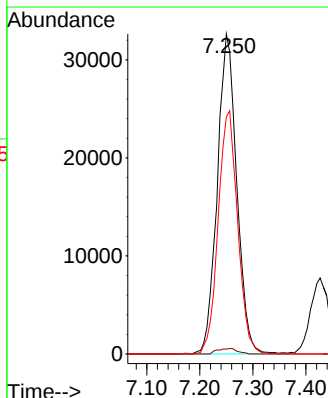
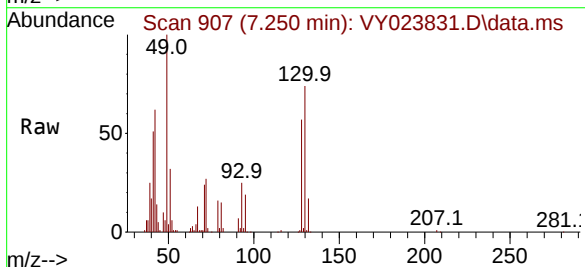
Tgt Ion: 49 Resp: 83277

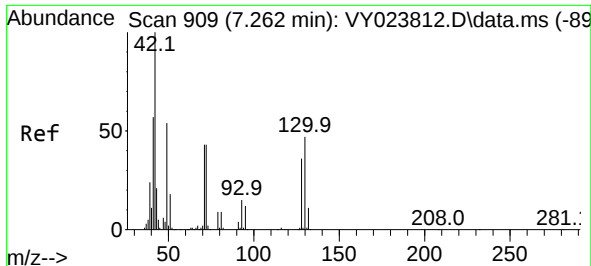
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 76.0 61.4 92.2





#29

Tetrahydrofuran

Concen: 101.198 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

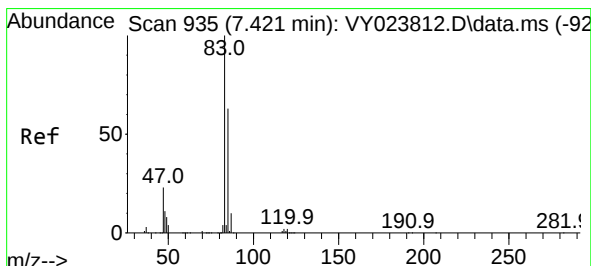
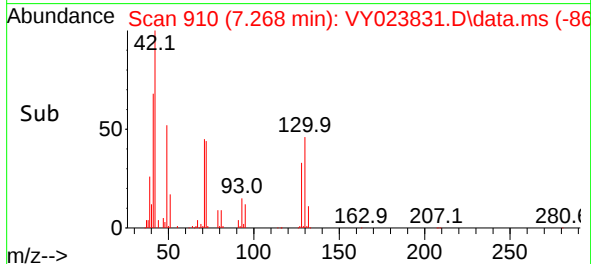
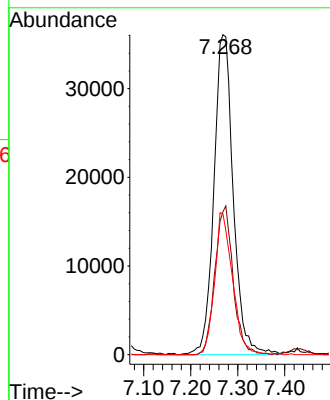
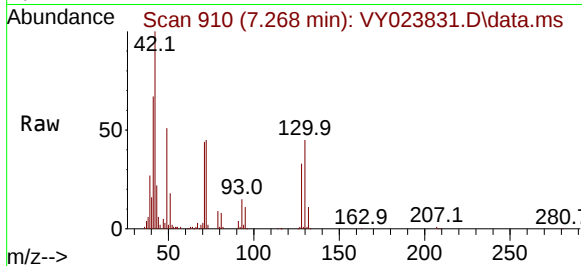
Tgt Ion: 42 Resp: 103454

Ion Ratio Lower Upper

42 100

72 43.6 35.9 53.9

71 41.1 33.3 49.9



#30

Chloroform

Concen: 21.975 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023831.D

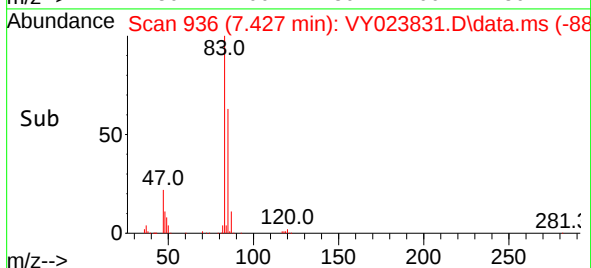
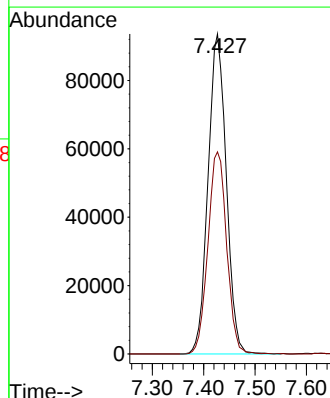
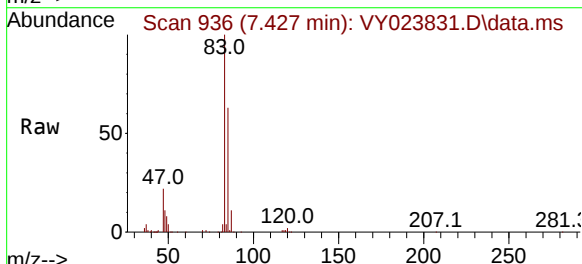
Acq: 01 Dec 2025 09:37

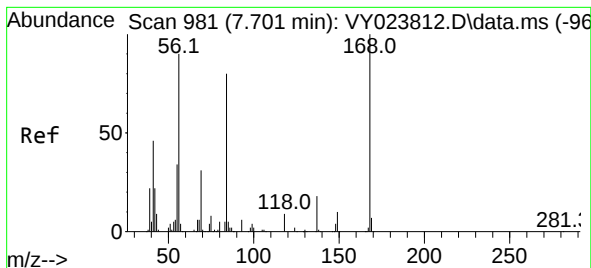
Tgt Ion: 83 Resp: 230773

Ion Ratio Lower Upper

83 100

85 63.1 50.6 76.0





#31

Cyclohexane

Concen: 20.982 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

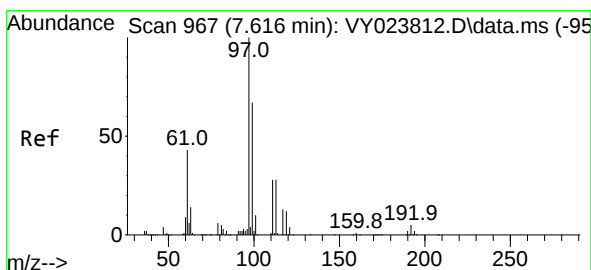
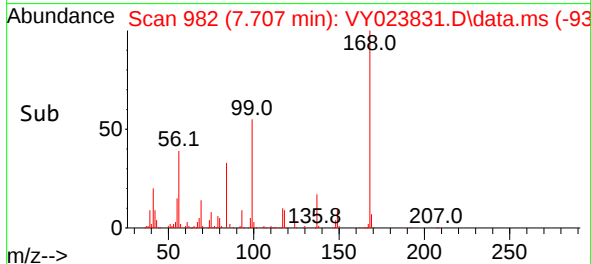
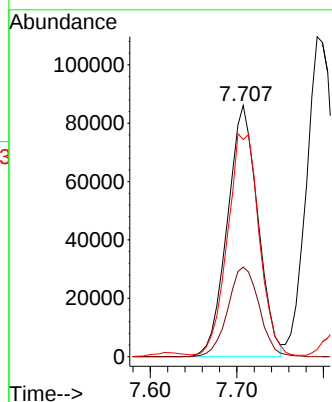
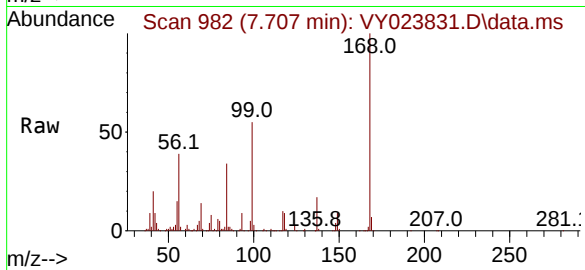
Tgt Ion: 56 Resp: 210277

Ion Ratio Lower Upper

56 100

69 35.6 27.8 41.6

84 85.3 71.8 107.8



#32

1,1,1-Trichloroethane

Concen: 22.322 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

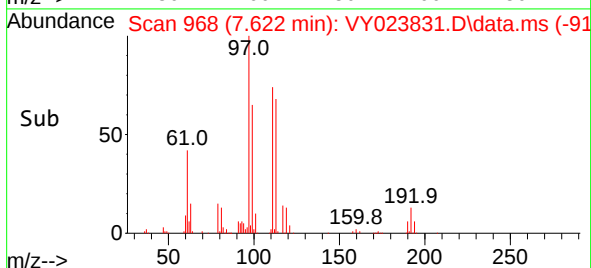
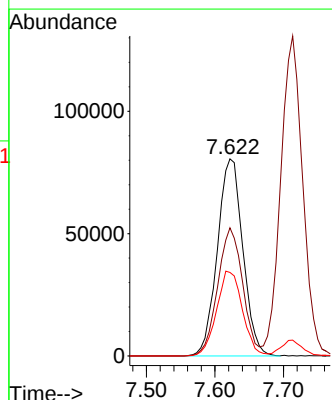
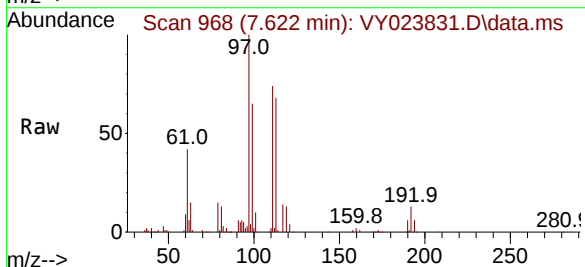
Tgt Ion: 97 Resp: 208075

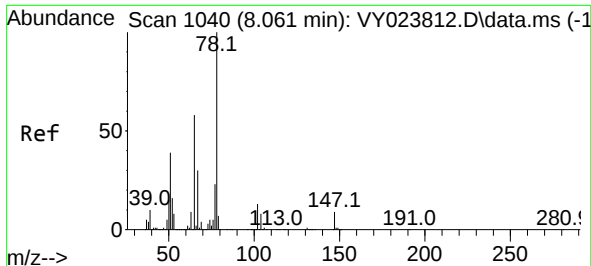
Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.6

61 43.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.734 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

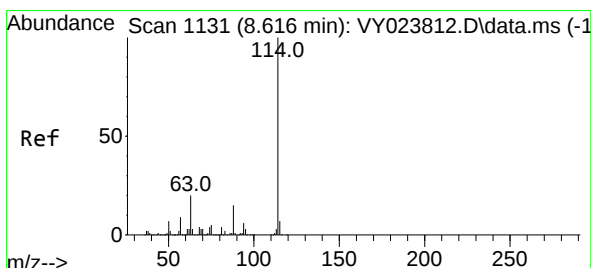
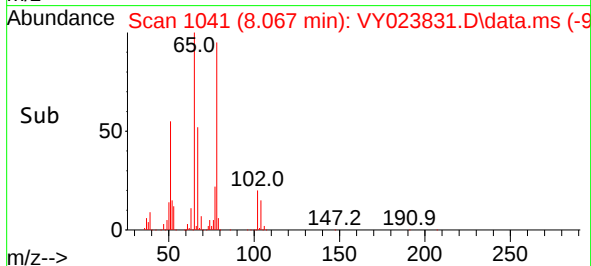
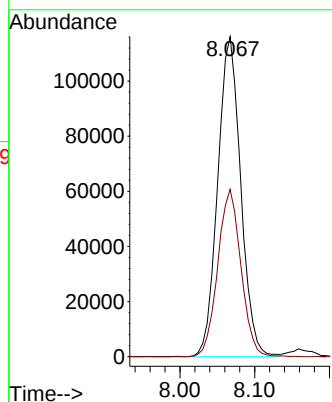
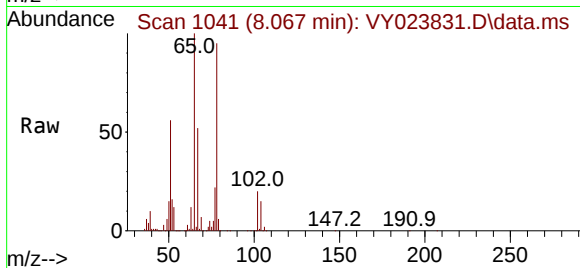
VY1201SBS01

Tgt Ion: 65 Resp: 248830

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

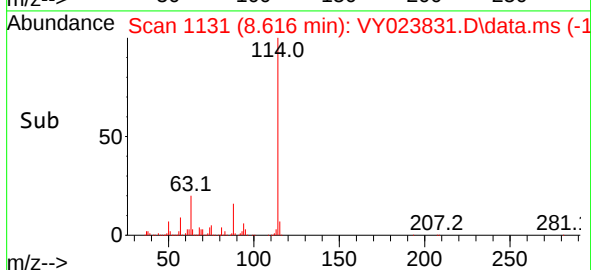
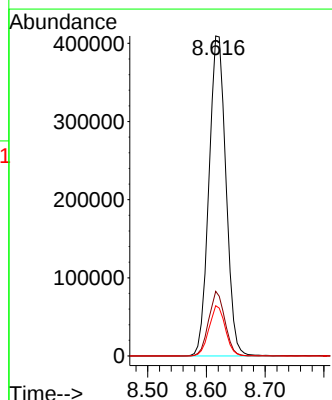
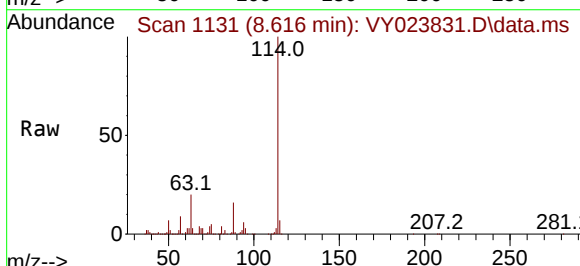
Tgt Ion:114 Resp: 821167

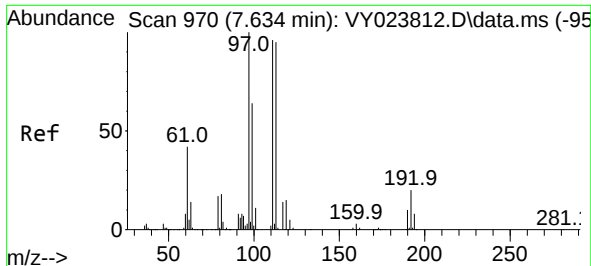
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

88 15.7 0.0 30.8

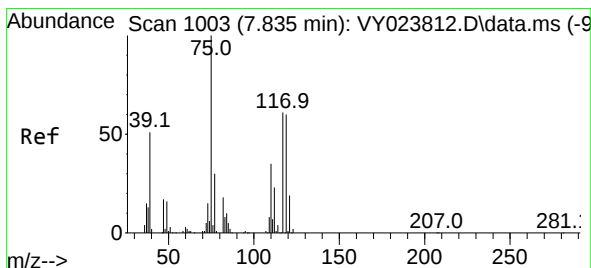
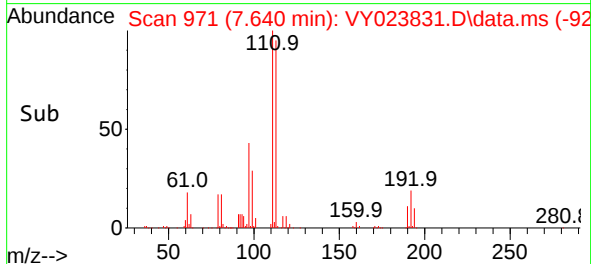
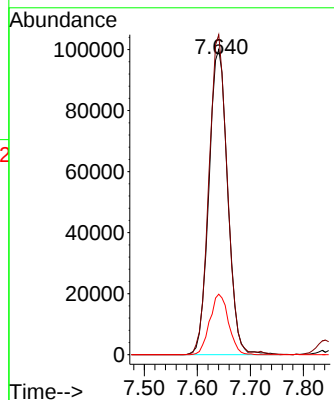
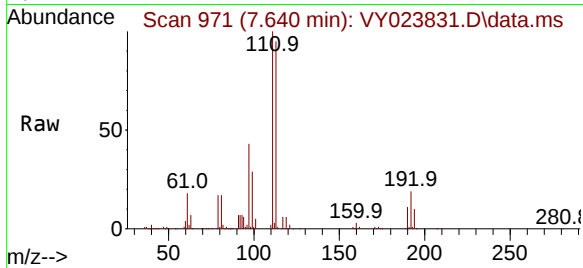




#35
Dibromofluoromethane
Concen: 50.526 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

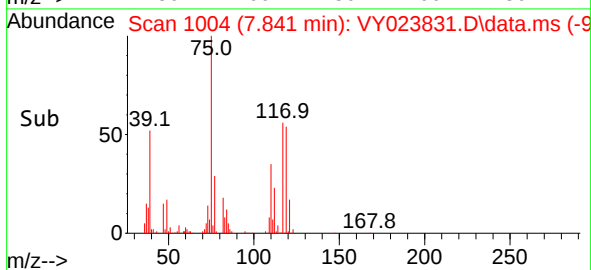
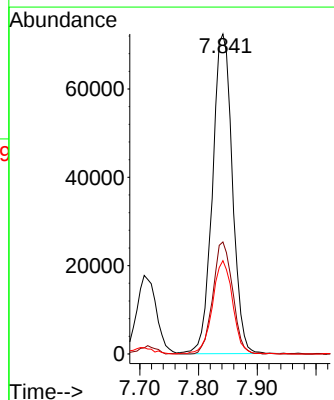
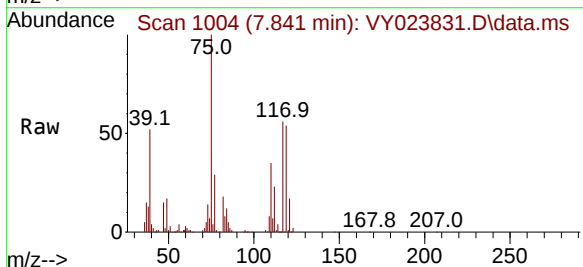
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

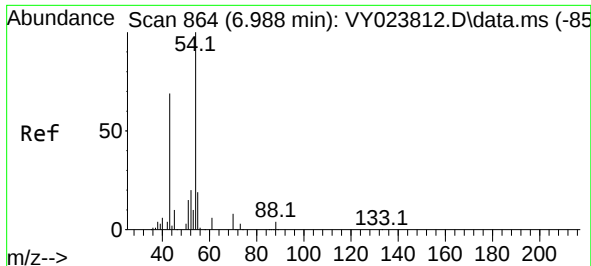
Tgt Ion:113 Resp: 245782
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 19.7 15.8 23.8



#36
1,1-Dichloropropene
Concen: 22.814 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 75 Resp: 170161
Ion Ratio Lower Upper
75 100
110 34.7 17.6 52.8
77 29.6 24.9 37.3

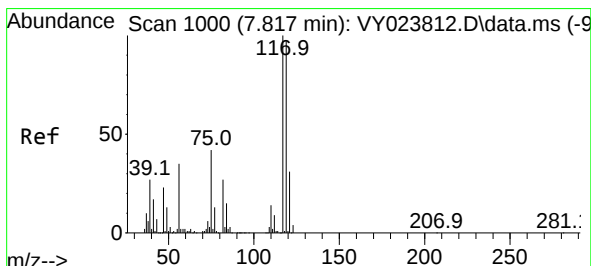
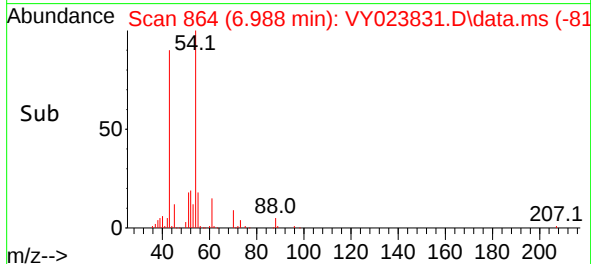
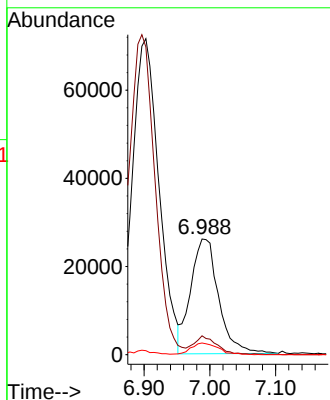
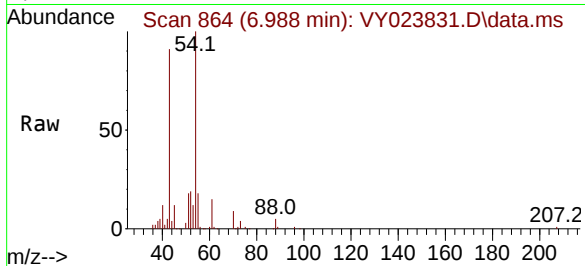




#37
Ethyl Acetate
Concen: 21.927 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

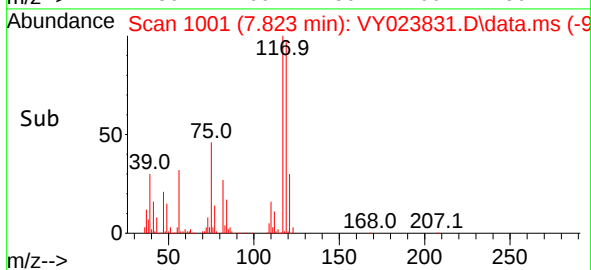
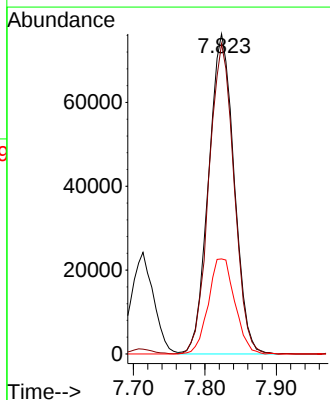
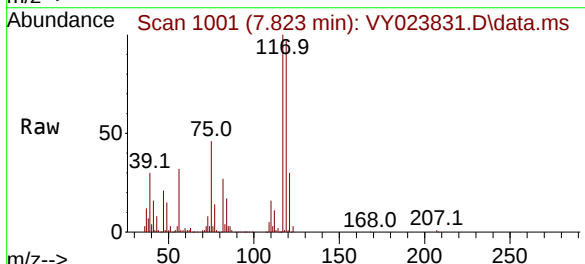
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

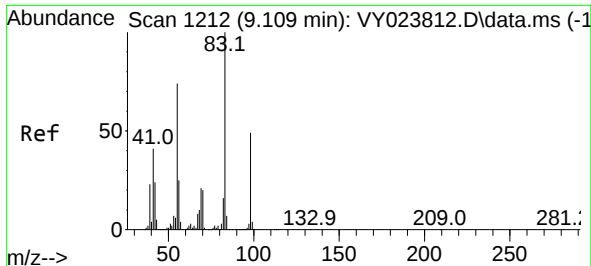
Tgt Ion: 43 Resp: 76926
Ion Ratio Lower Upper
43 100
61 12.8 11.0 16.6
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 23.105 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 117 Resp: 189158
Ion Ratio Lower Upper
117 100
119 97.0 77.3 115.9
121 29.7 25.0 37.6





#39

Methylcyclohexane

Concen: 22.015 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

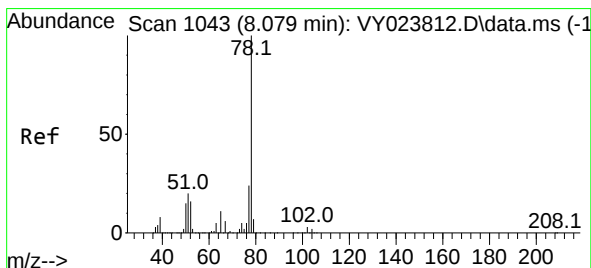
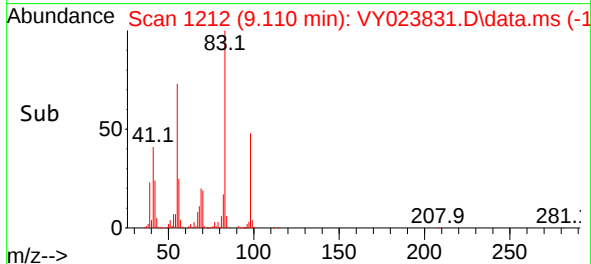
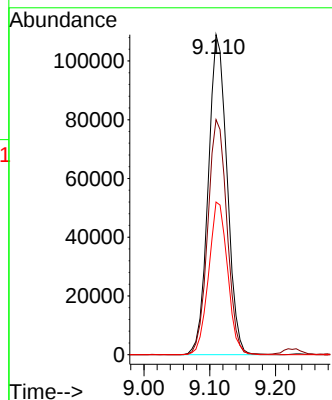
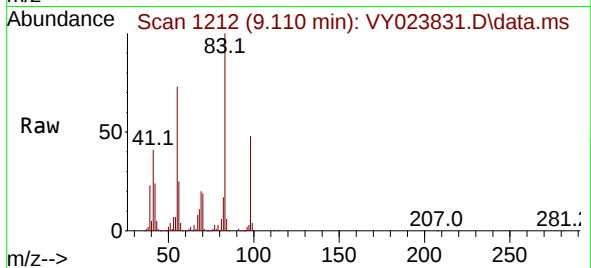
Tgt Ion: 83 Resp: 216857

Ion Ratio Lower Upper

83 100

55 73.4 59.4 89.2

98 47.7 39.5 59.3



#40

Benzene

Concen: 22.043 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023831.D

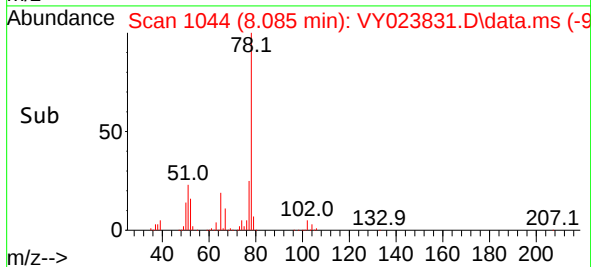
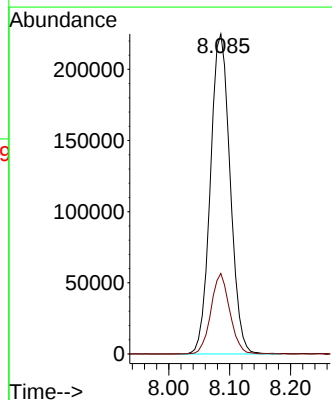
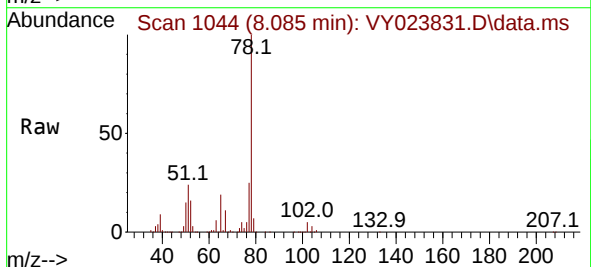
Acq: 01 Dec 2025 09:37

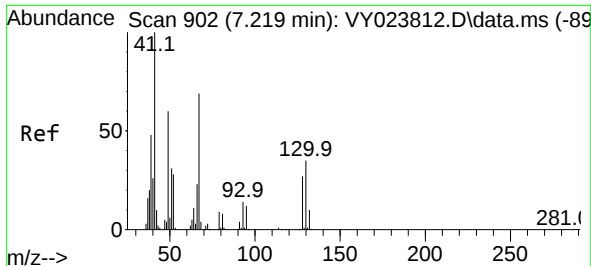
Tgt Ion: 78 Resp: 505947

Ion Ratio Lower Upper

78 100

77 25.1 19.3 28.9

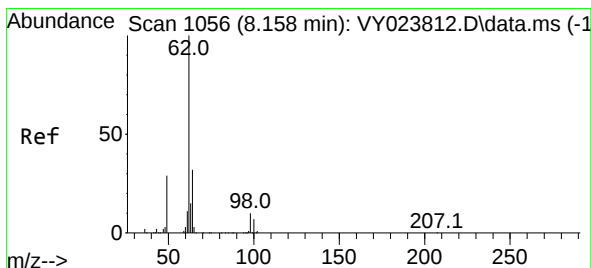
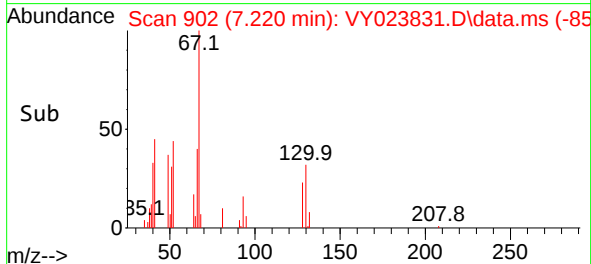
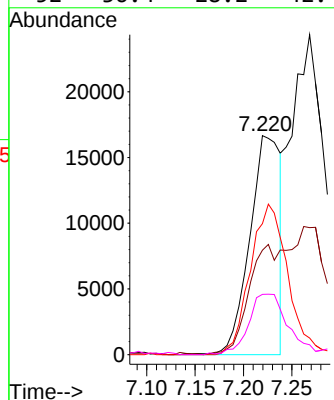
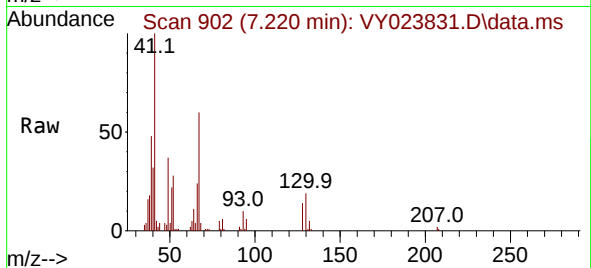




#41
Methacrylonitrile
Concen: 20.911 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

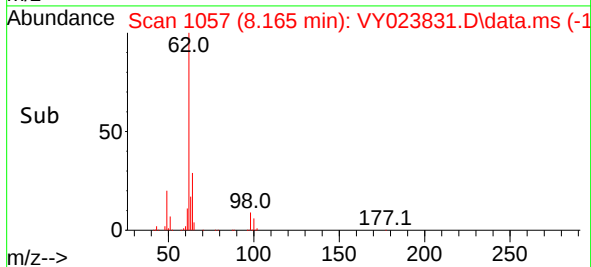
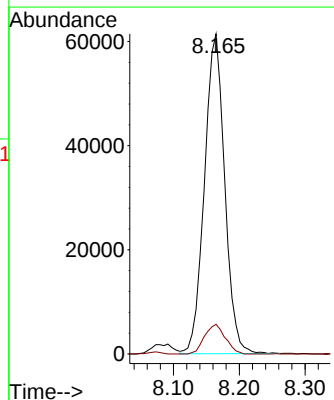
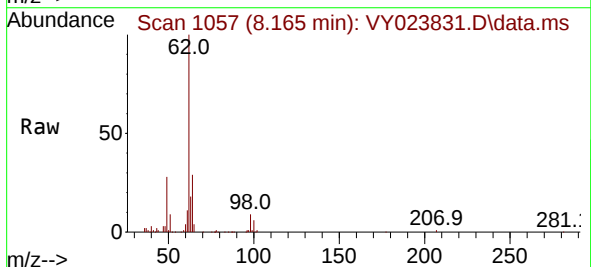
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

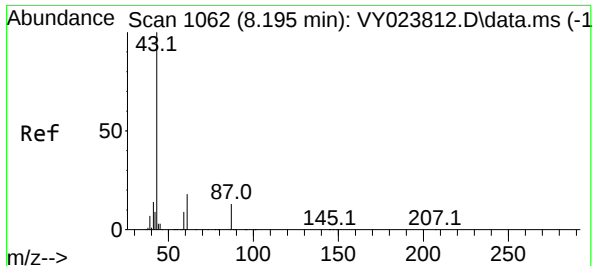
Tgt Ion:	41	Resp:	36625
Ion	Ratio	Lower	Upper
41	100		
39	43.3	40.6	61.0
67	85.5	67.9	101.9
52	36.4	28.2	42.4



#42
1,2-Dichloroethane
Concen: 22.255 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion:	62	Resp:	131688
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8

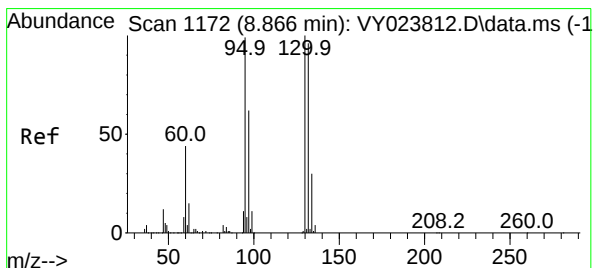
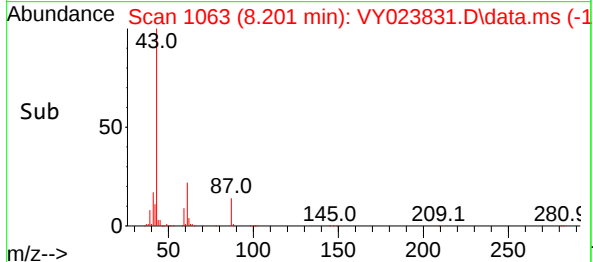
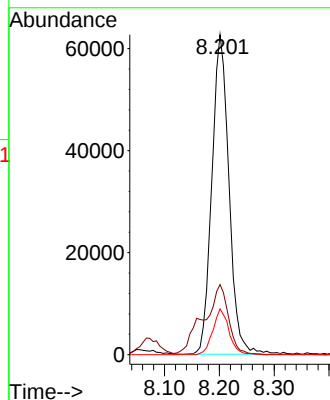
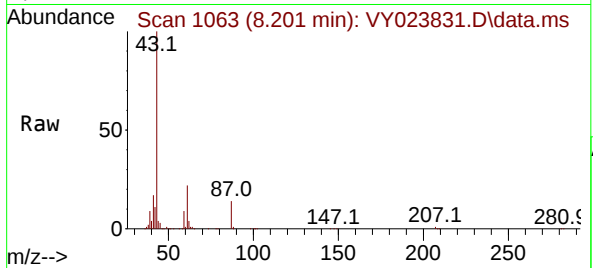




#43
Isopropyl Acetate
Concen: 20.662 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

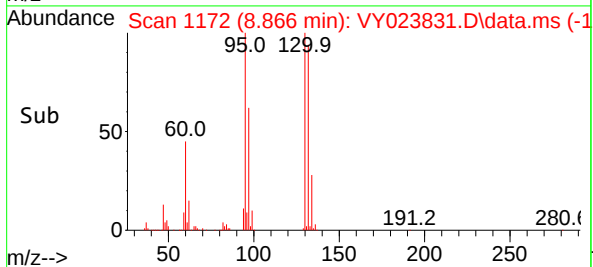
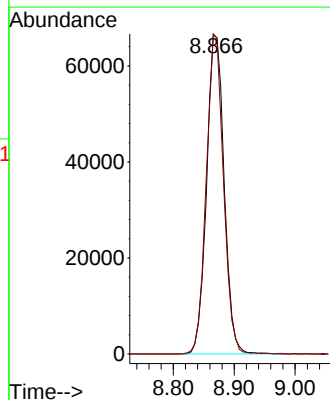
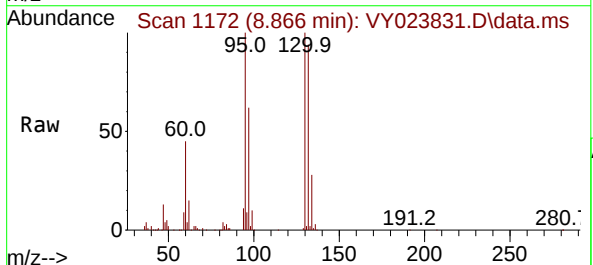
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

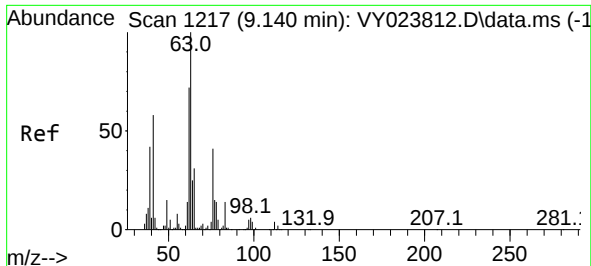
Tgt Ion: 43 Resp: 135465
Ion Ratio Lower Upper
43 100
61 32.2 24.3 36.5
87 13.6 11.0 16.4



#44
Trichloroethene
Concen: 22.609 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion:130 Resp: 133143
Ion Ratio Lower Upper
130 100
95 99.6 0.0 197.8





#45

1,2-Dichloropropane

Concen: 22.587 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

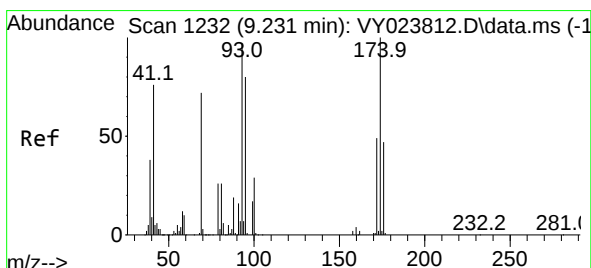
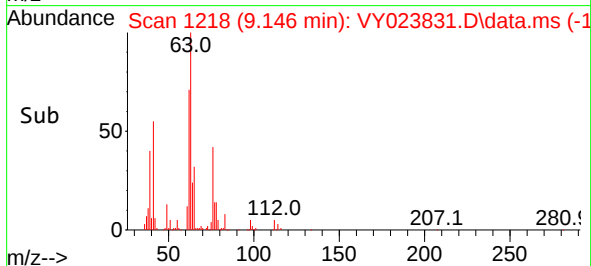
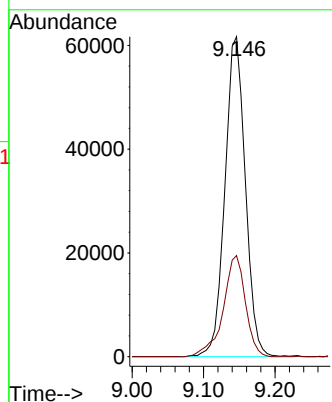
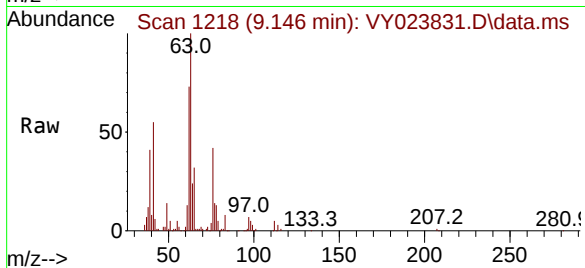
VY1201SBS01

Tgt Ion: 63 Resp: 122233

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.6



#46

Dibromomethane

Concen: 21.713 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

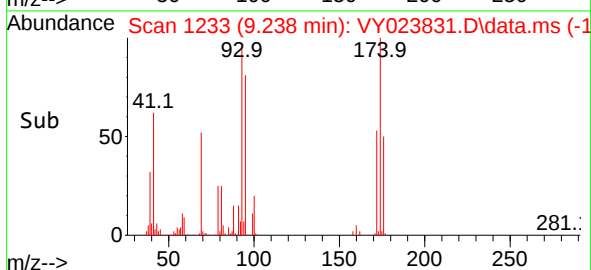
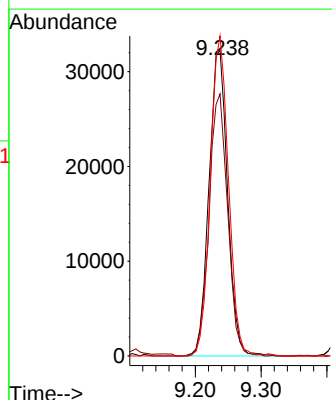
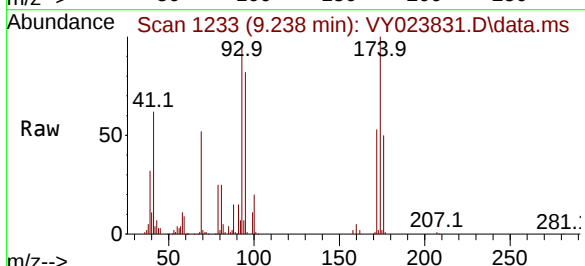
Tgt Ion: 93 Resp: 63760

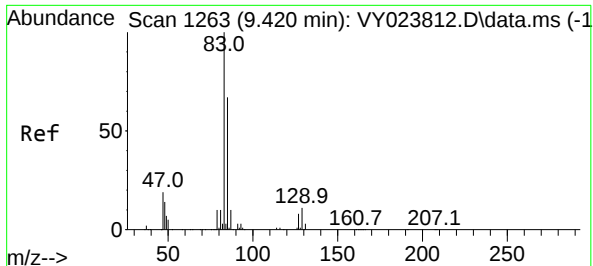
Ion Ratio Lower Upper

93 100

95 85.2 66.6 99.8

174 102.0 80.6 121.0





#47

Bromodichloromethane

Concen: 22.162 ug/l

RT: 9.427 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

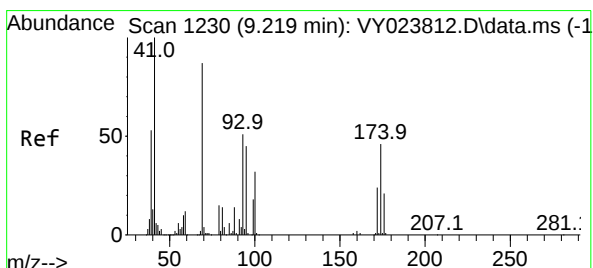
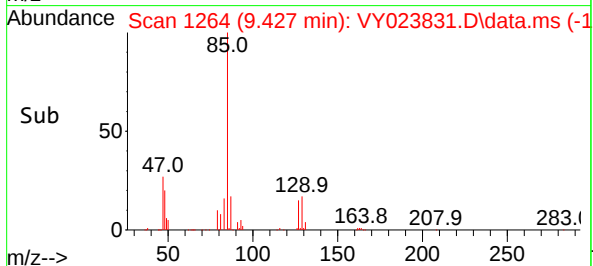
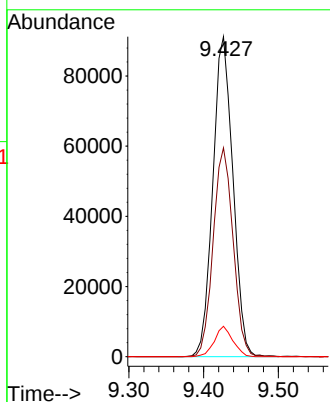
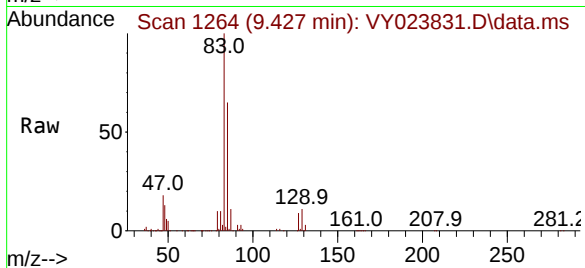
Tgt Ion: 83 Resp: 170078

Ion Ratio Lower Upper

83 100

85 65.2 53.7 80.5

127 9.5 6.6 10.0



#48

Methyl methacrylate

Concen: 21.120 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

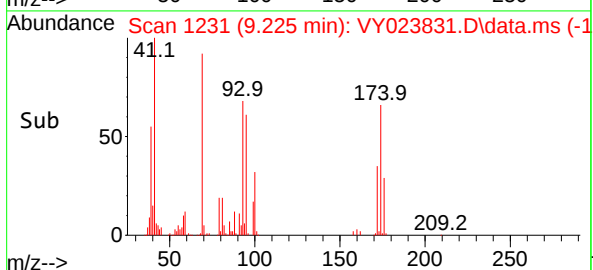
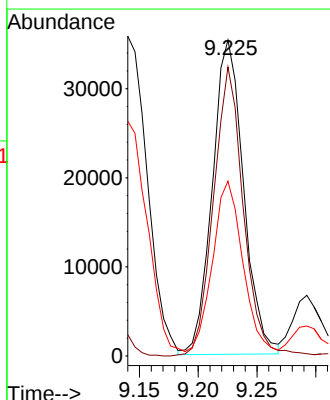
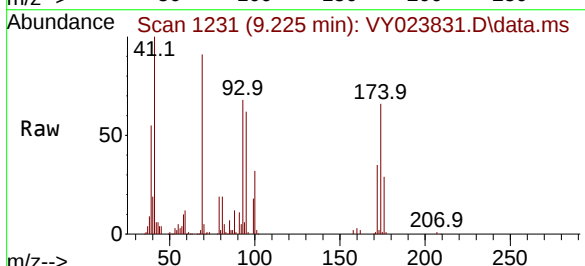
Tgt Ion: 41 Resp: 65192

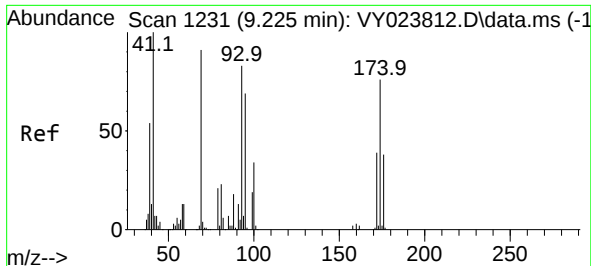
Ion Ratio Lower Upper

41 100

69 87.8 69.1 103.7

39 52.3 41.2 61.8





#49

1,4-Dioxane

Concen: 423.887 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

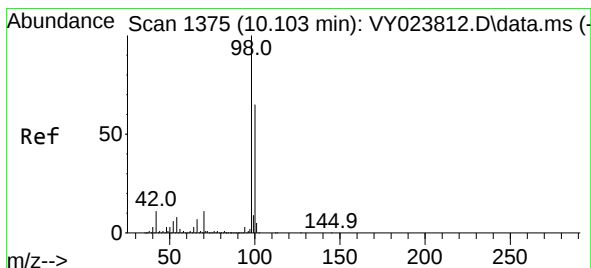
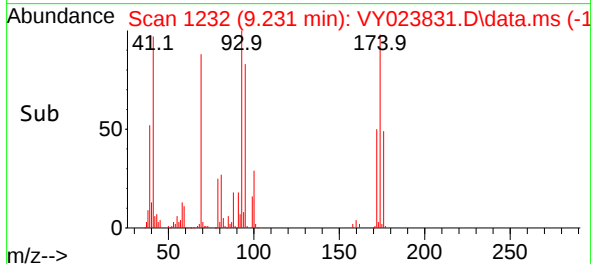
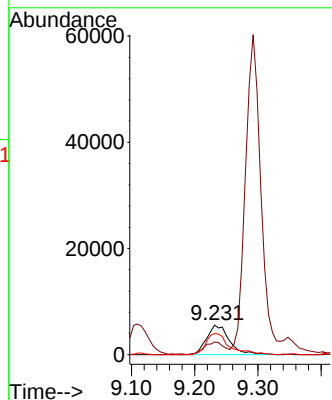
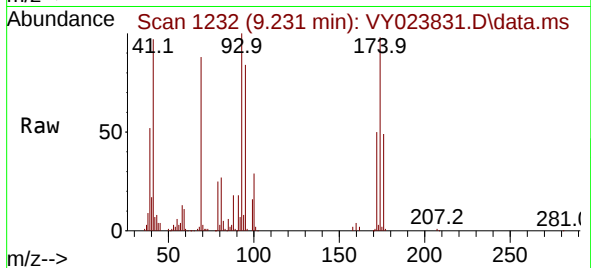
Tgt Ion: 88 Resp: 13950

Ion Ratio Lower Upper

88 100

43 38.5 24.6 37.0#

58 74.9 53.4 80.2



#50

Toluene-d8

Concen: 50.217 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023831.D

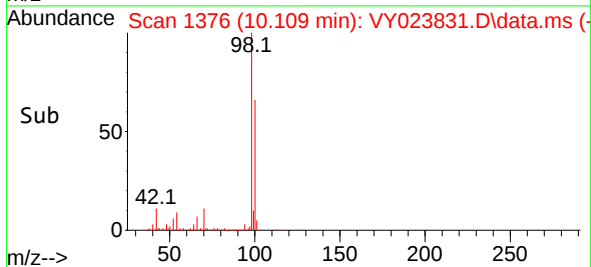
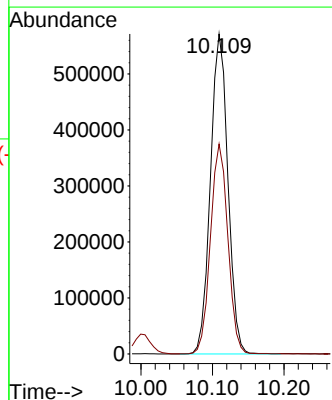
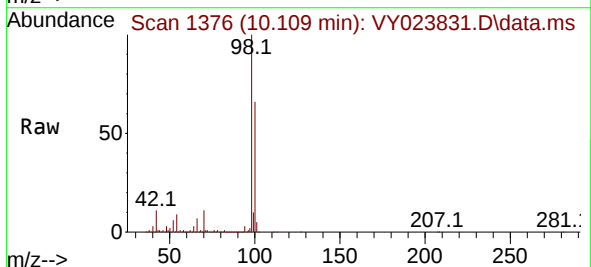
Acq: 01 Dec 2025 09:37

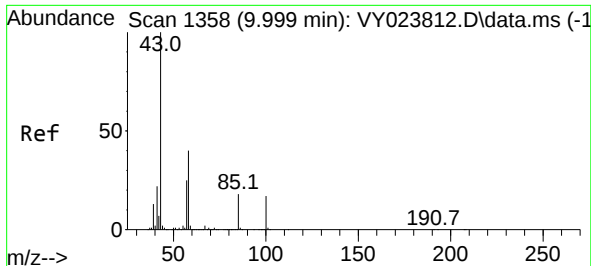
Tgt Ion: 98 Resp: 970281

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 107.166 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

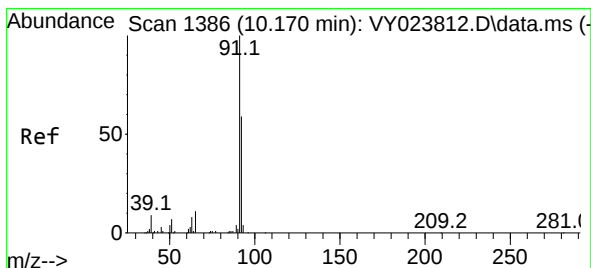
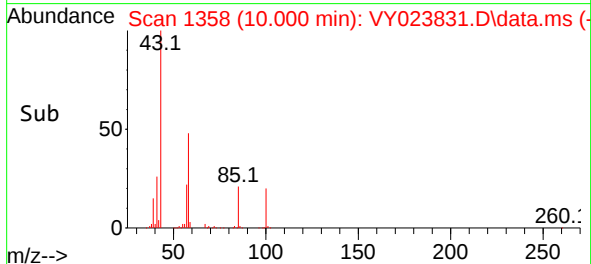
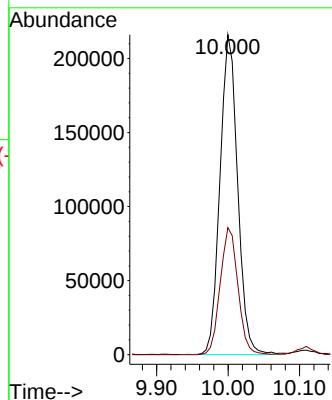
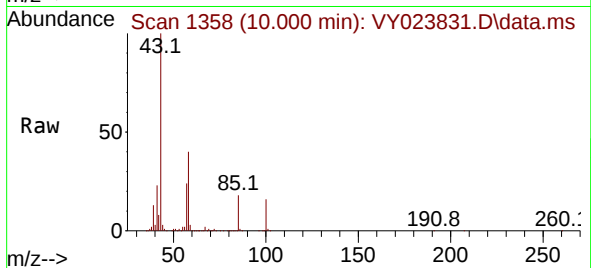
VY1201SBS01

Tgt Ion: 43 Resp: 369864

Ion Ratio Lower Upper

43 100

58 40.0 32.4 48.6



#52

Toluene

Concen: 22.547 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023831.D

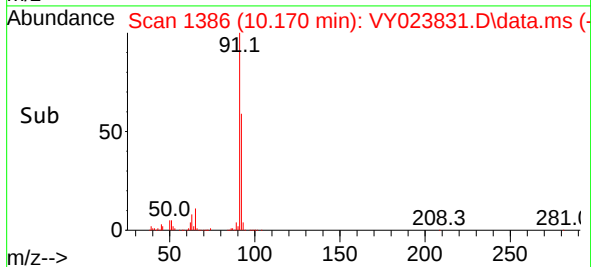
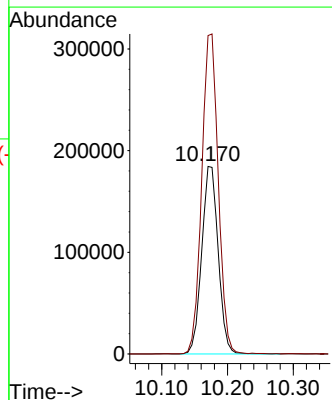
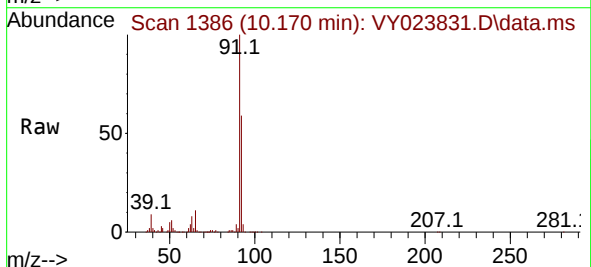
Acq: 01 Dec 2025 09:37

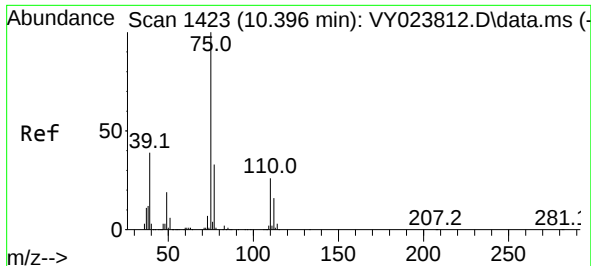
Tgt Ion: 92 Resp: 320816

Ion Ratio Lower Upper

92 100

91 171.3 136.8 205.2

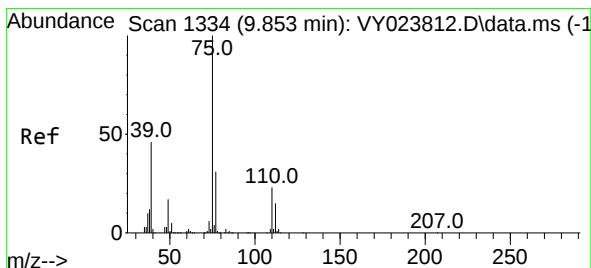
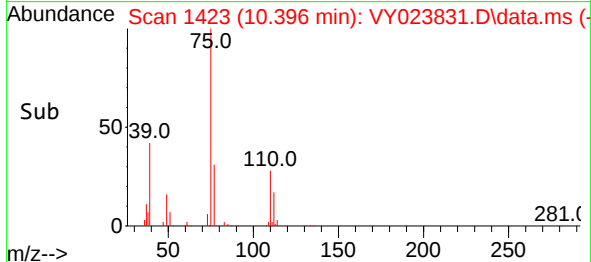
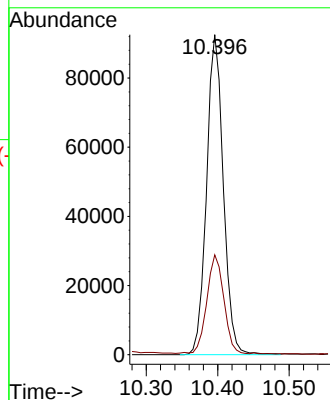
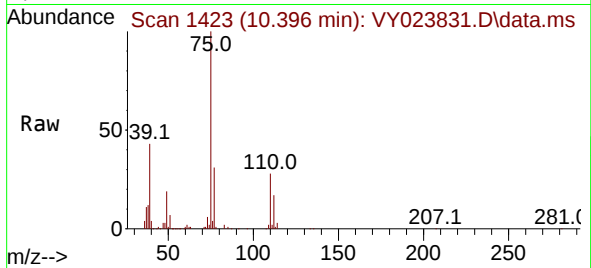




#53
 t-1,3-Dichloropropene
 Concen: 21.427 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023831.D
 Acq: 01 Dec 2025 09:37

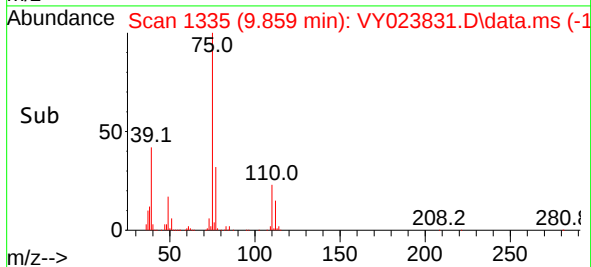
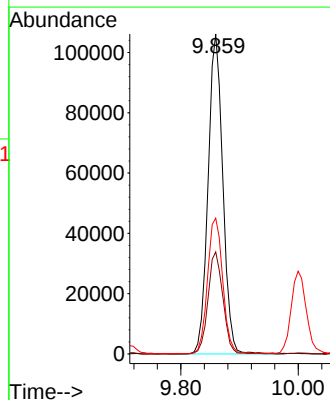
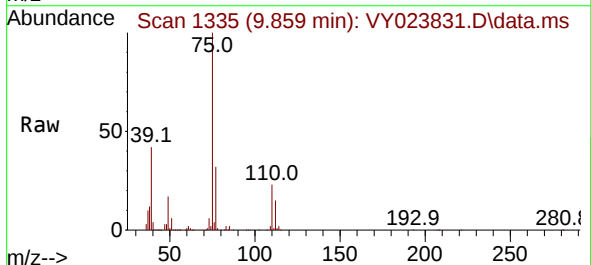
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

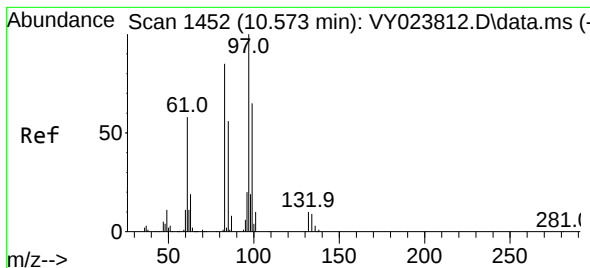
Tgt Ion: 75 Resp: 150627
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 21.988 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023831.D
 Acq: 01 Dec 2025 09:37

Tgt Ion: 75 Resp: 185024
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.8 37.2
 39 42.3 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 21.964 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

Tgt Ion: 97 Resp: 86396

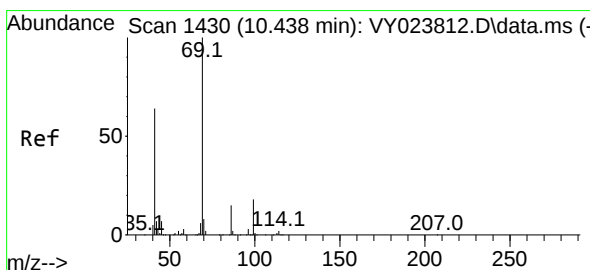
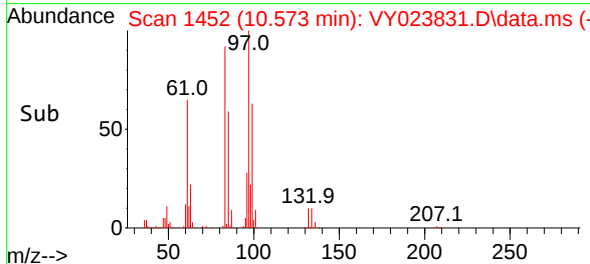
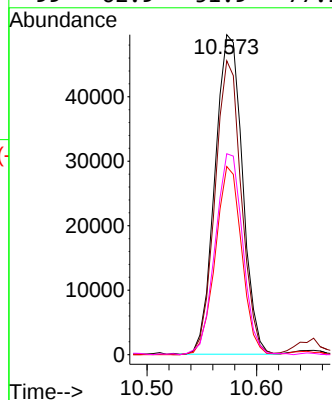
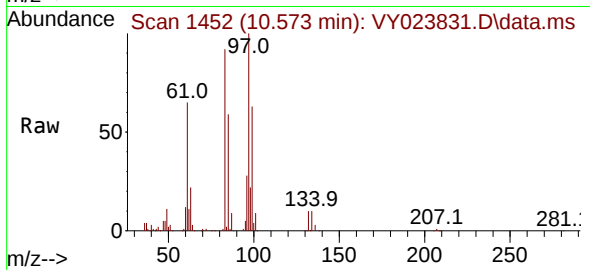
Ion Ratio Lower Upper

97 100

83 92.0 68.1 102.1

85 58.9 45.0 67.4

99 62.9 51.9 77.9



#56

Ethyl methacrylate

Concen: 20.386 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

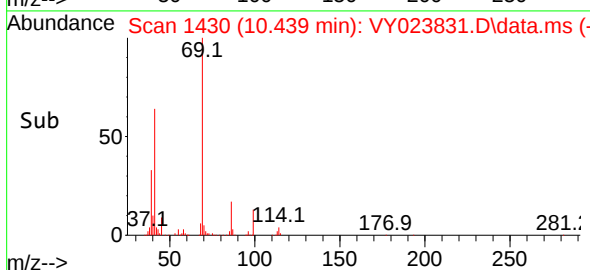
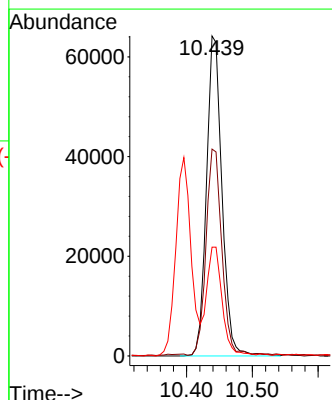
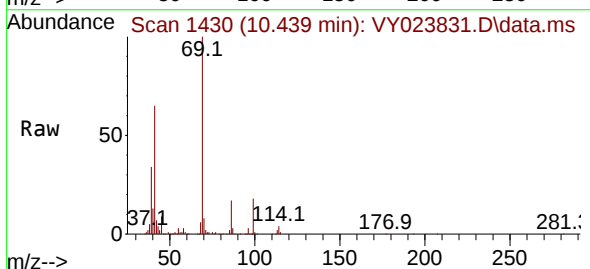
Tgt Ion: 69 Resp: 105292

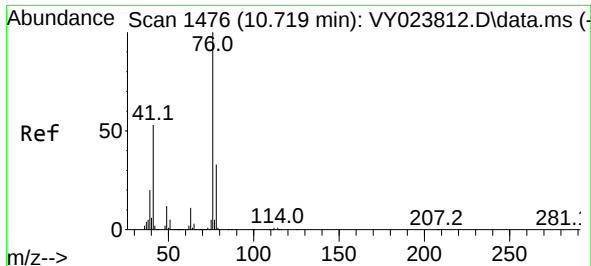
Ion Ratio Lower Upper

69 100

41 65.5 50.9 76.3

39 33.5 26.6 40.0





#57

1,3-Dichloropropane

Concen: 21.755 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

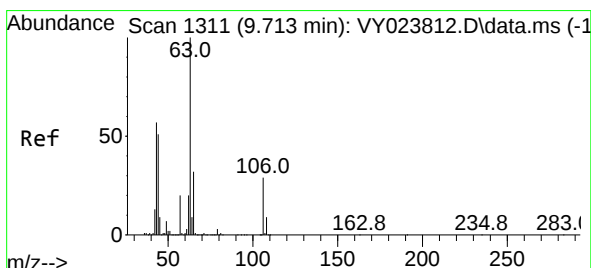
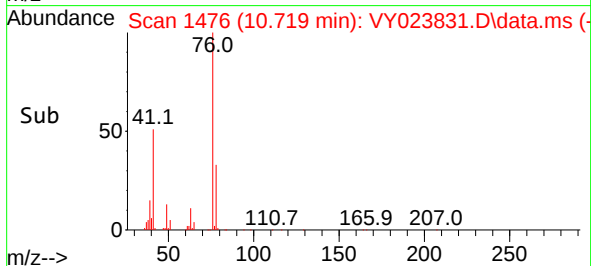
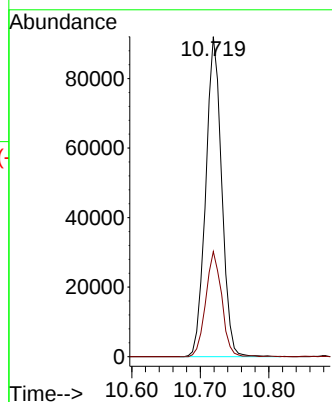
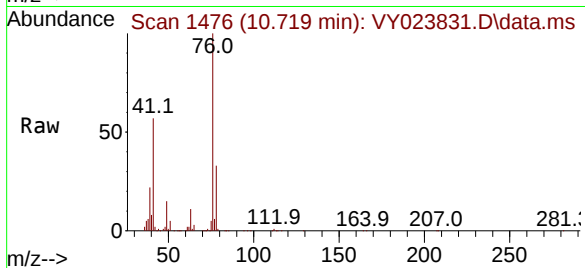
VY1201SBS01

Tgt Ion: 76 Resp: 149278

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 85.570 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023831.D

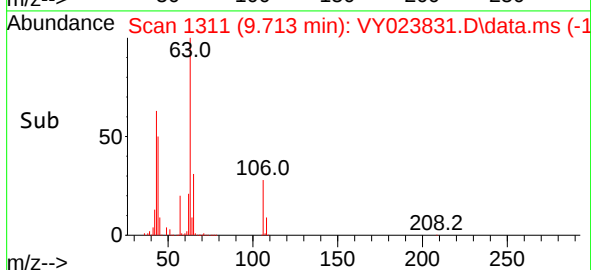
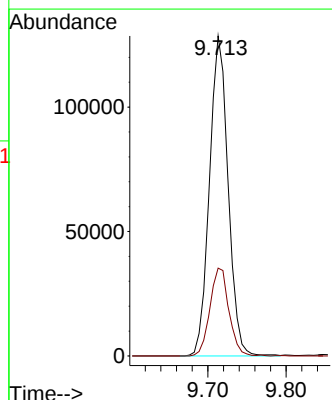
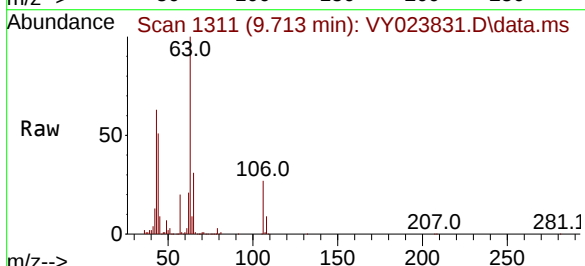
Acq: 01 Dec 2025 09:37

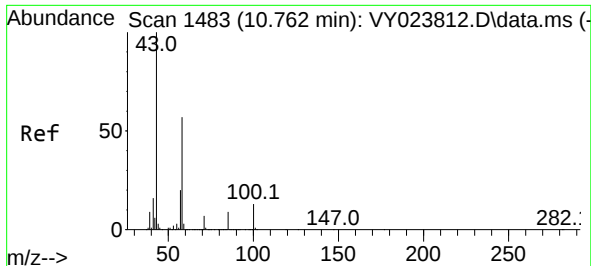
Tgt Ion: 63 Resp: 212318

Ion Ratio Lower Upper

63 100

106 28.0 22.2 33.2

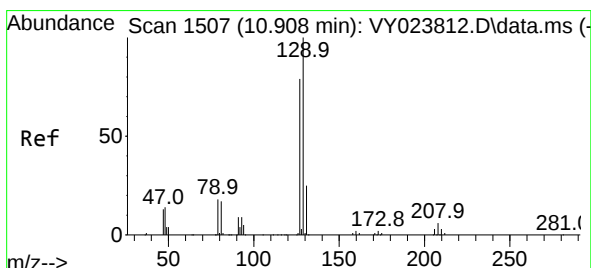
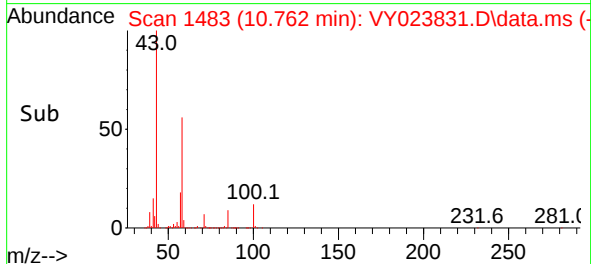
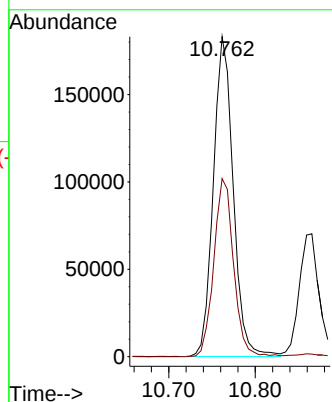
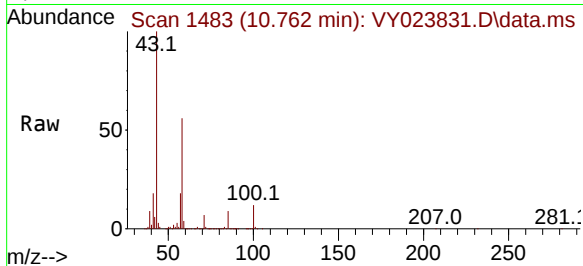




#59
2-Hexanone
Concen: 114.126 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

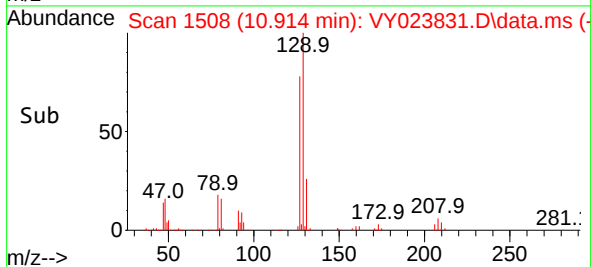
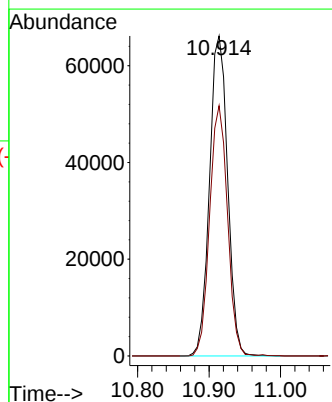
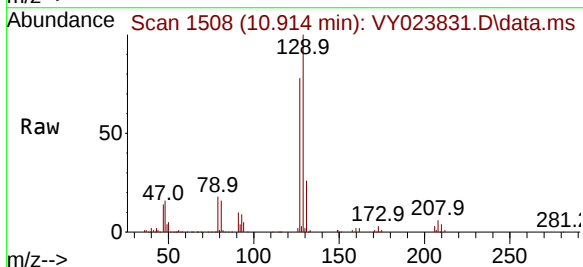
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

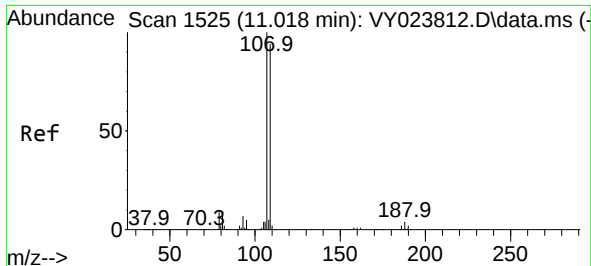
Tgt Ion: 43 Resp: 291270
Ion Ratio Lower Upper
43 100
58 55.5 28.3 85.0



#60
Dibromochloromethane
Concen: 22.024 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 129 Resp: 116254
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6

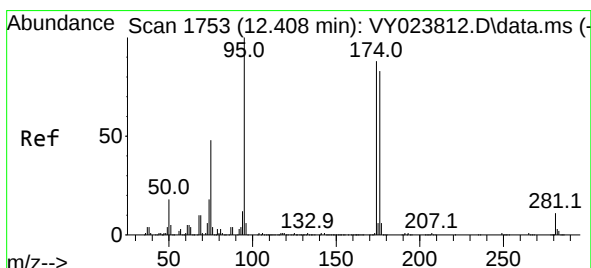
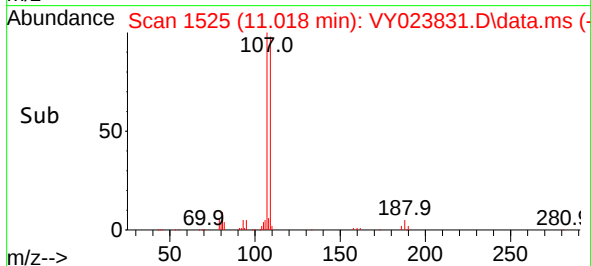
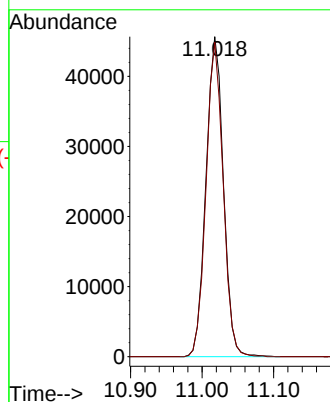
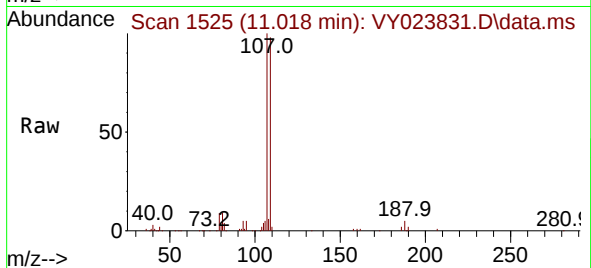




#61
1,2-Dibromoethane
Concen: 21.214 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

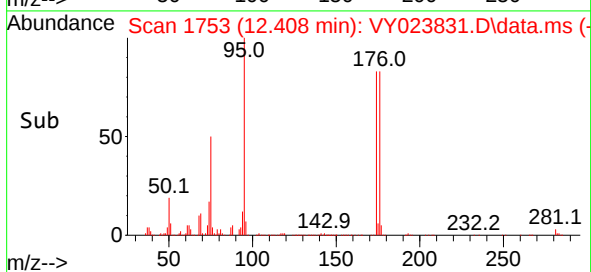
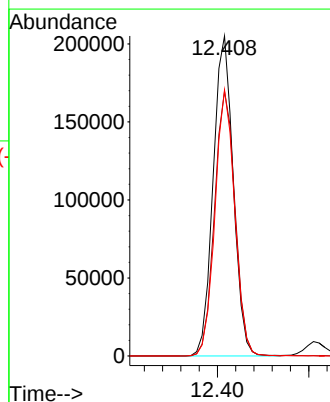
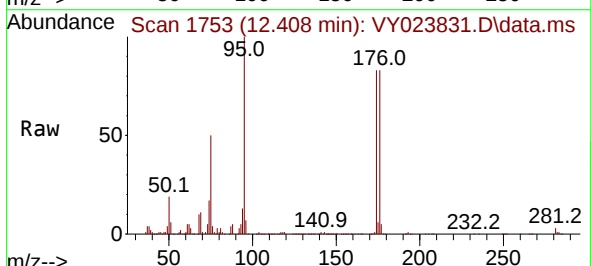
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

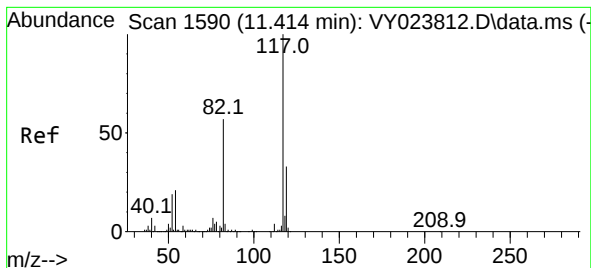
Tgt Ion:107 Resp: 77457
Ion Ratio Lower Upper
107 100
109 96.3 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 49.188 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 95 Resp: 312712
Ion Ratio Lower Upper
95 100
174 84.6 0.0 168.6
176 81.9 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

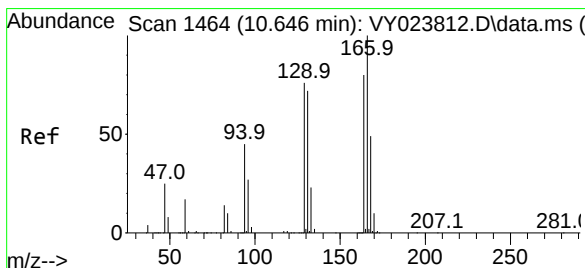
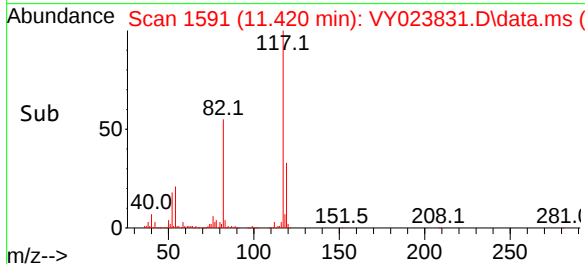
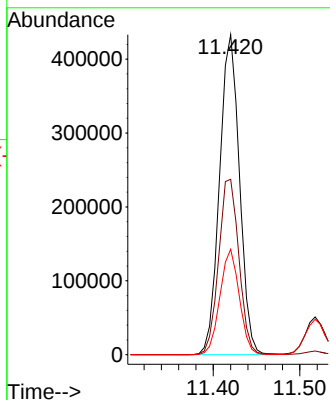
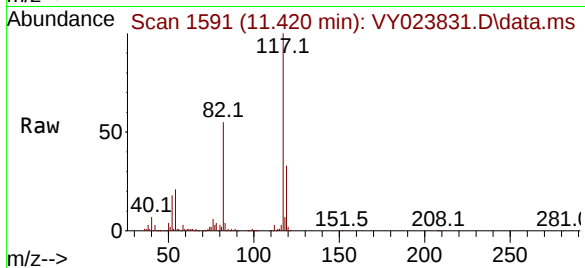
Tgt Ion:117 Resp: 693280

Ion Ratio Lower Upper

117 100

82 54.8 45.4 68.0

119 32.9 26.0 39.0



#64

Tetrachloroethene

Concen: 23.317 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Tgt Ion:164 Resp: 153349

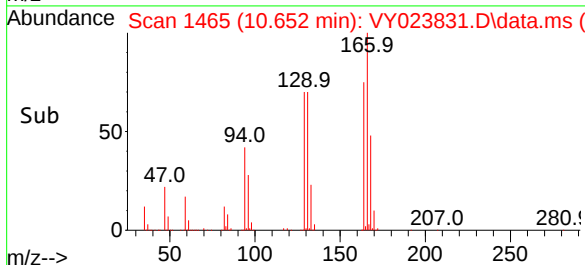
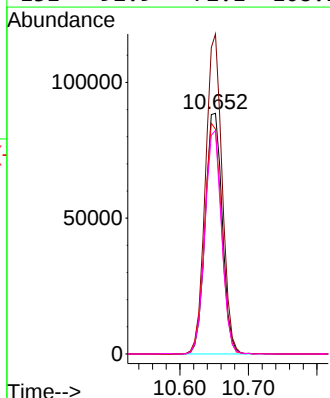
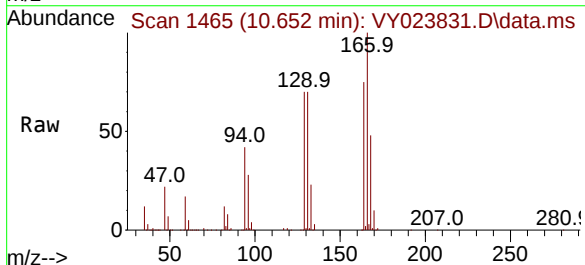
Ion Ratio Lower Upper

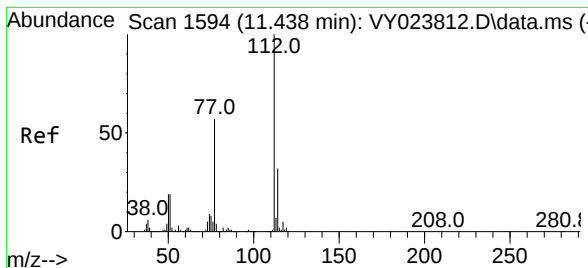
164 100

166 133.0 100.6 150.8

129 93.4 76.0 114.0

131 92.9 72.1 108.1





#65

Chlorobenzene

Concen: 22.644 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

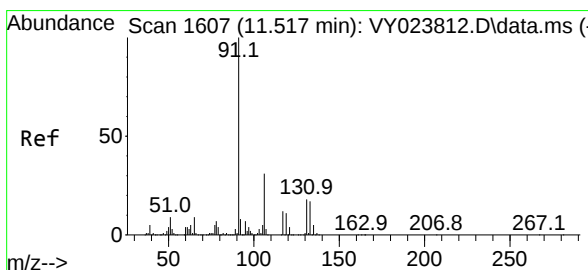
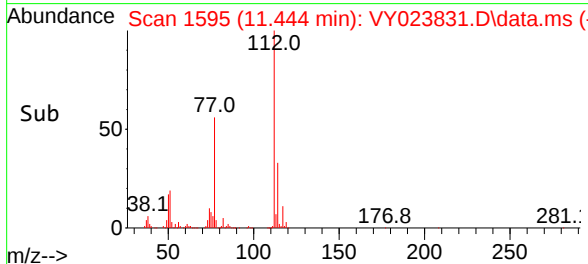
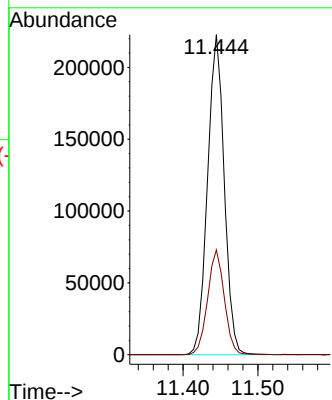
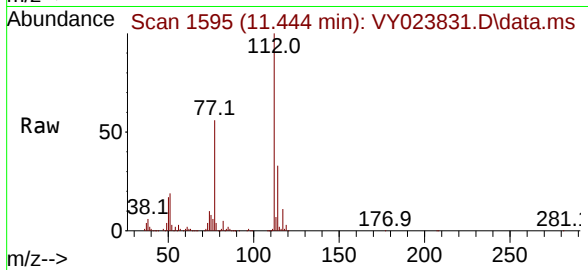
VY1201SBS01

Tgt Ion:112 Resp: 344594

Ion Ratio Lower Upper

112 100

114 32.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 22.922 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

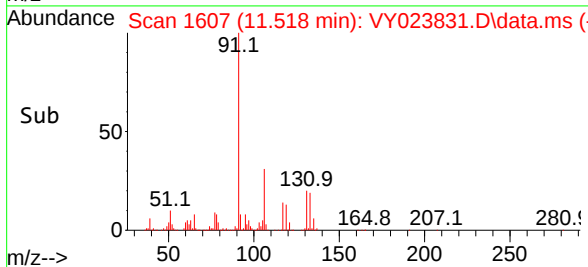
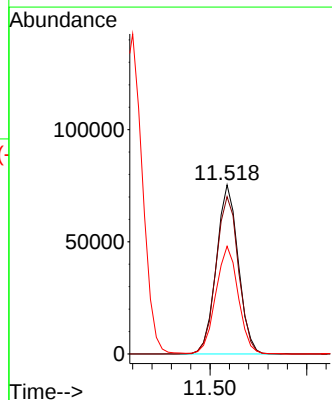
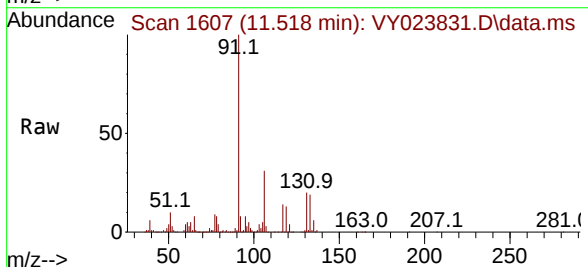
Tgt Ion:131 Resp: 118503

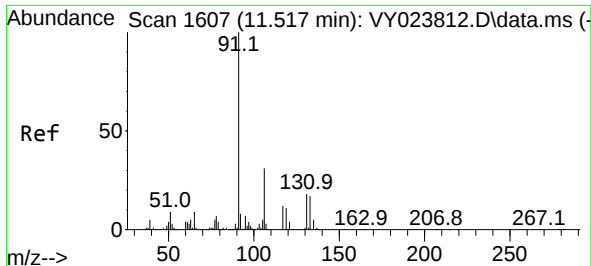
Ion Ratio Lower Upper

131 100

133 95.6 48.1 144.3

119 65.3 33.0 98.9





#67

Ethyl Benzene

Concen: 22.860 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

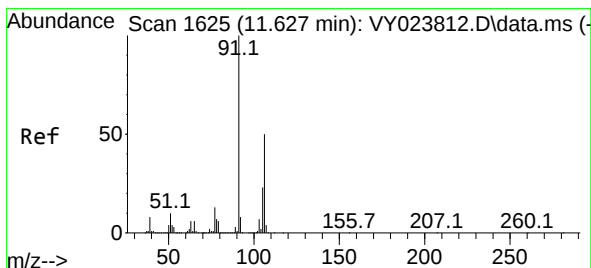
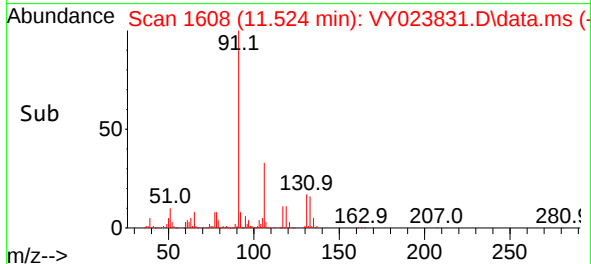
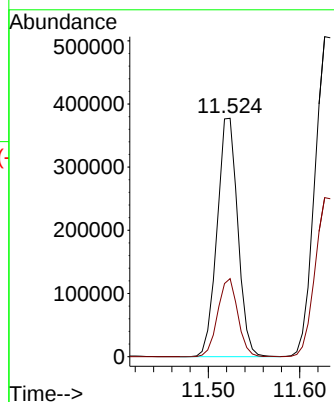
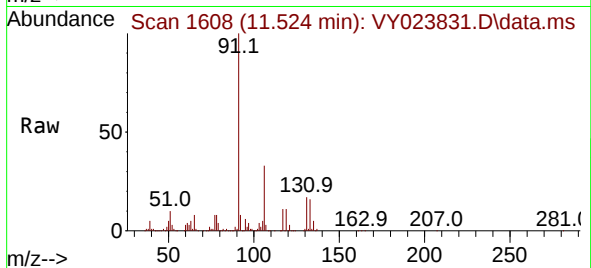
VY1201SBS01

Tgt Ion: 91 Resp: 594212

Ion Ratio Lower Upper

91 100

106 32.7 24.9 37.3



#68

m/p-Xylenes

Concen: 46.213 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023831.D

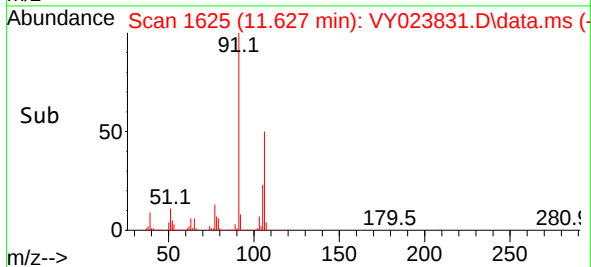
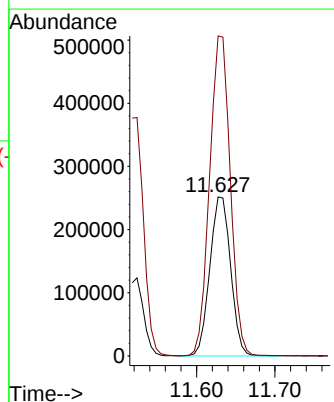
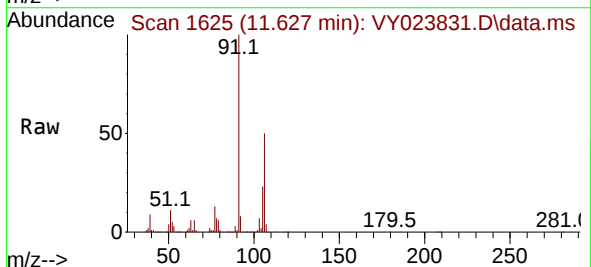
Acq: 01 Dec 2025 09:37

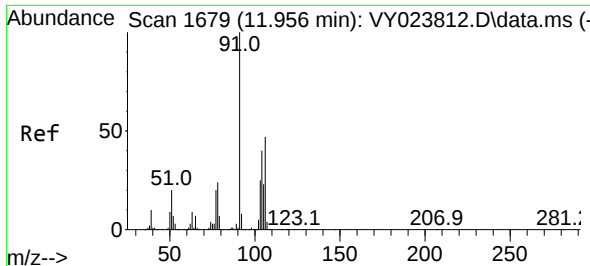
Tgt Ion:106 Resp: 462889

Ion Ratio Lower Upper

106 100

91 200.8 159.5 239.3

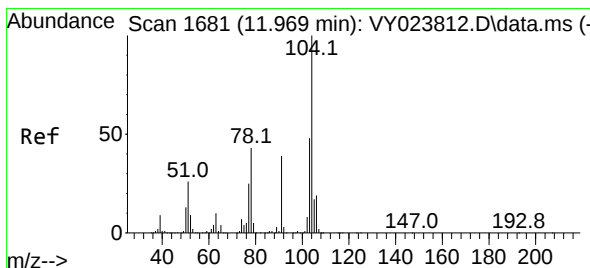
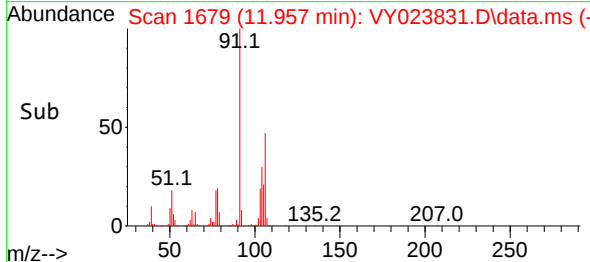
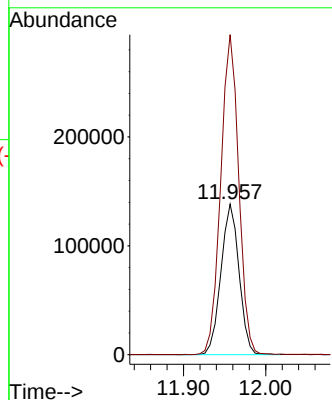
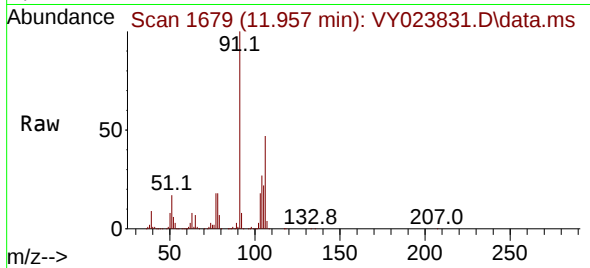




#69
o-Xylene
Concen: 22.537 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

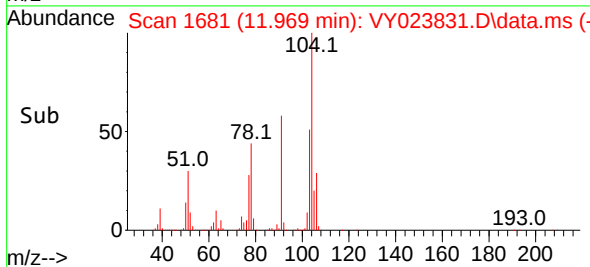
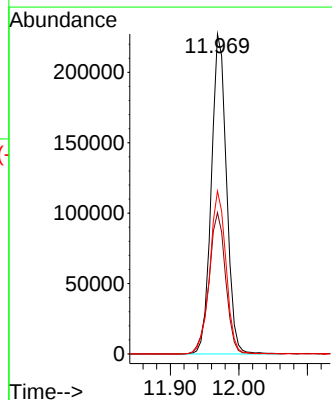
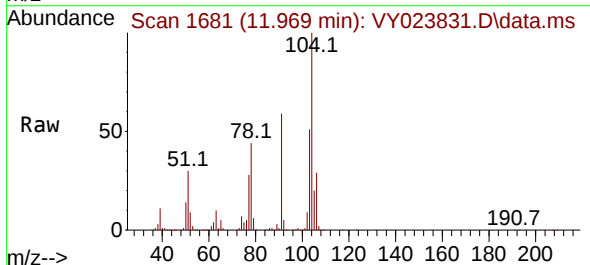
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

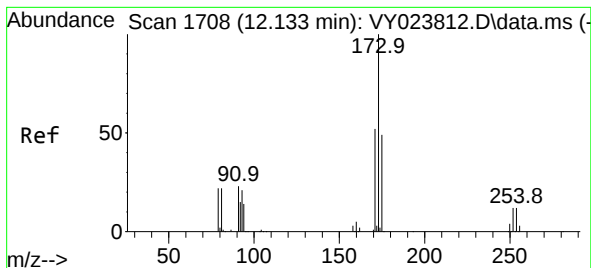
Tgt Ion:106 Resp: 211631
Ion Ratio Lower Upper
106 100
91 212.0 106.5 319.6



#70
Styrene
Concen: 22.684 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion:104 Resp: 350904
Ion Ratio Lower Upper
104 100
78 48.6 38.8 58.2
103 54.5 43.4 65.0





#71

Bromoform

Concen: 21.918 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

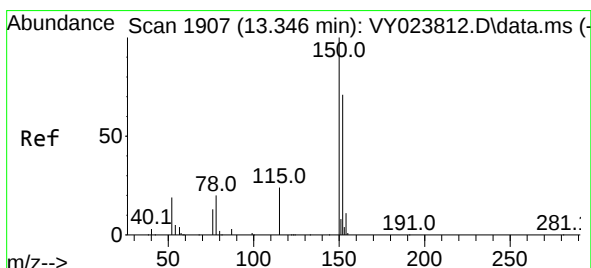
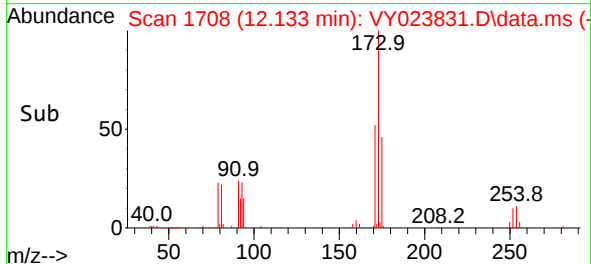
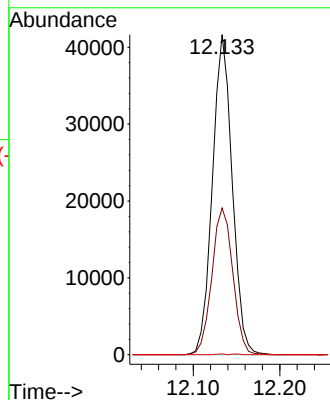
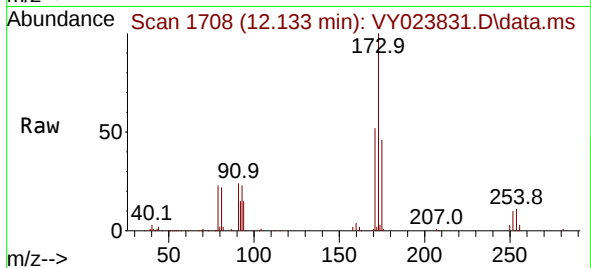
Tgt Ion:173 Resp: 66096

Ion Ratio Lower Upper

173 100

175 48.4 24.4 73.4

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

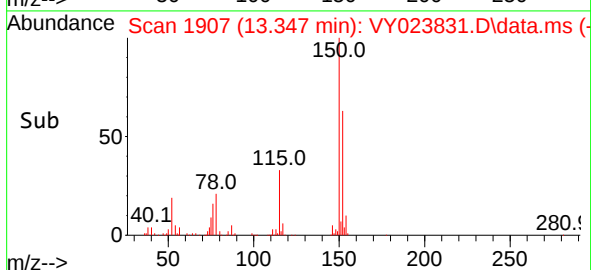
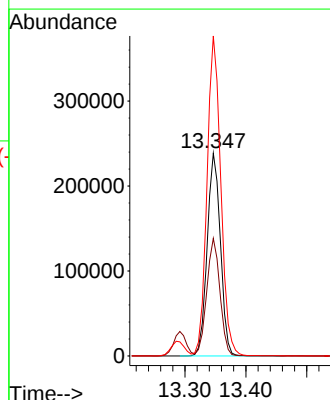
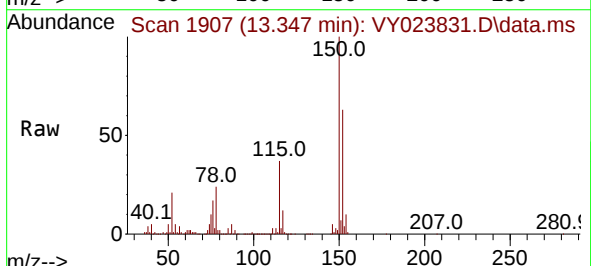
Tgt Ion:152 Resp: 360194

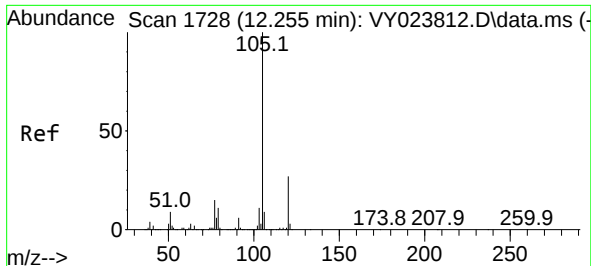
Ion Ratio Lower Upper

152 100

115 57.6 28.7 86.3

150 163.9 0.0 345.6

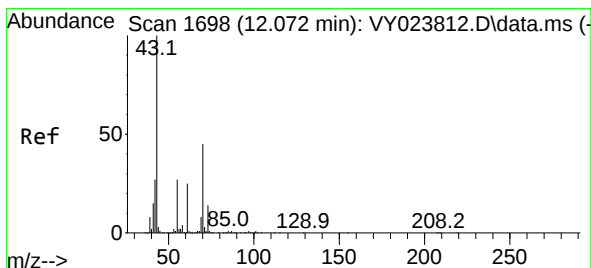
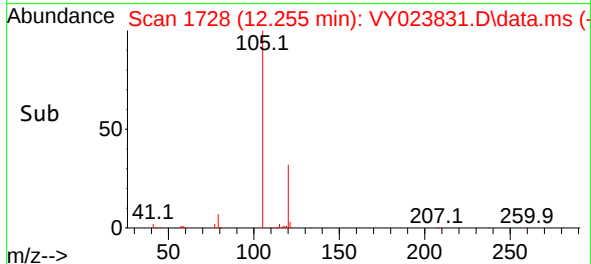
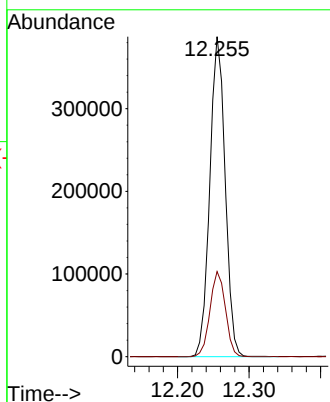
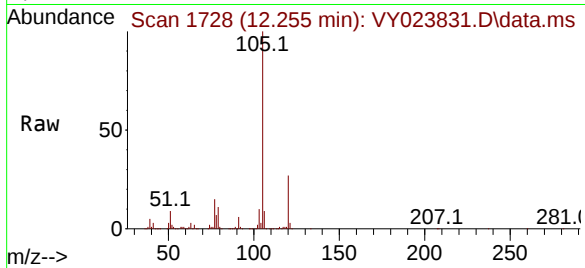




#73
Isopropylbenzene
Concen: 22.596 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

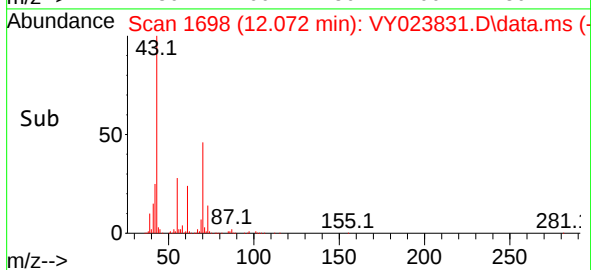
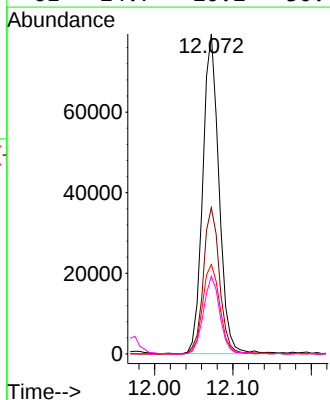
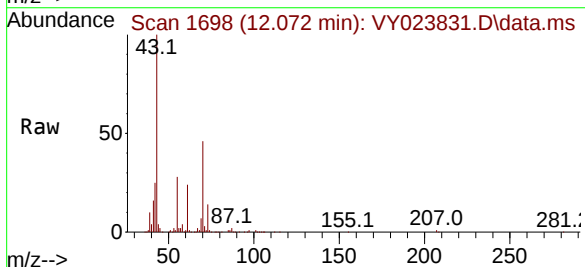
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

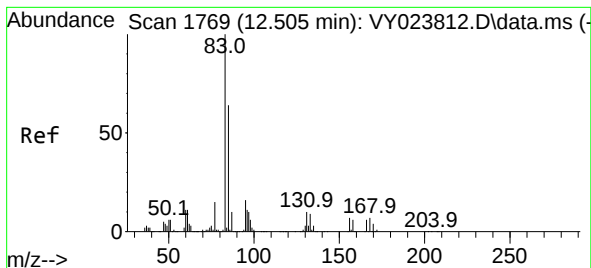
Tgt Ion:105 Resp: 577632
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.8



#74
N-ethyl acetate
Concen: 19.922 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 43 Resp: 113778
Ion Ratio Lower Upper
43 100
70 45.8 36.2 54.2
55 30.1 21.8 32.8
61 24.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.852 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

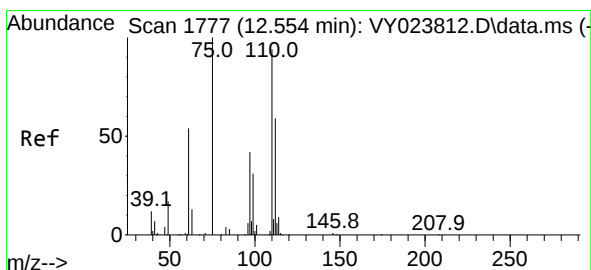
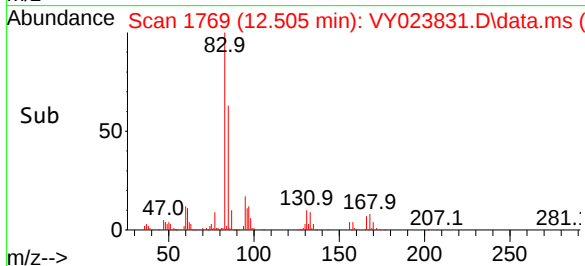
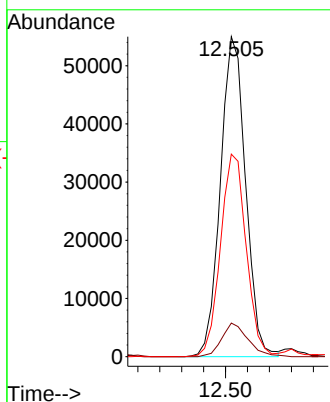
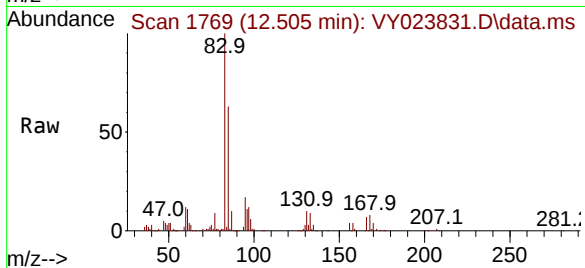
Tgt Ion: 83 Resp: 87761

Ion Ratio Lower Upper

83 100

131 11.0 5.3 15.8

85 64.8 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 40.442 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY023831.D

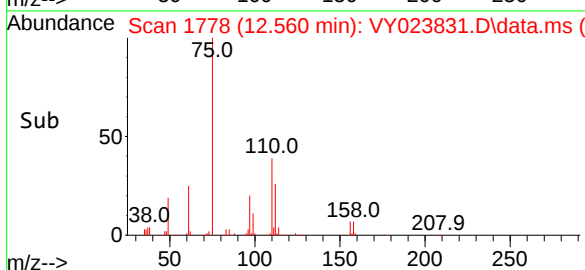
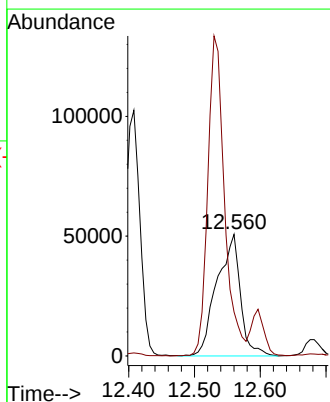
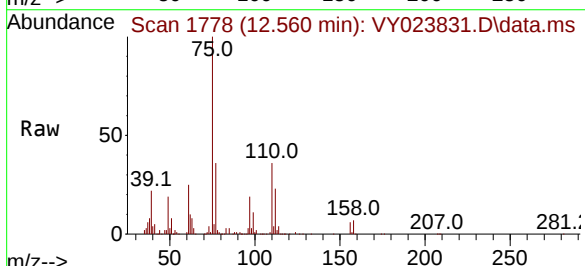
Acq: 01 Dec 2025 09:37

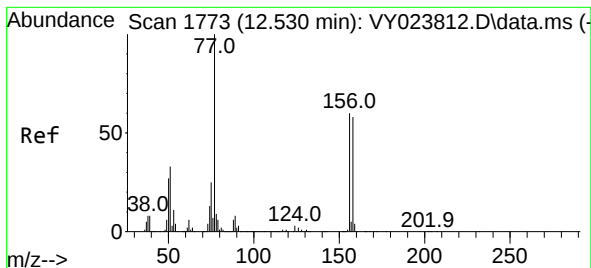
Tgt Ion: 75 Resp: 126677

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.620 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

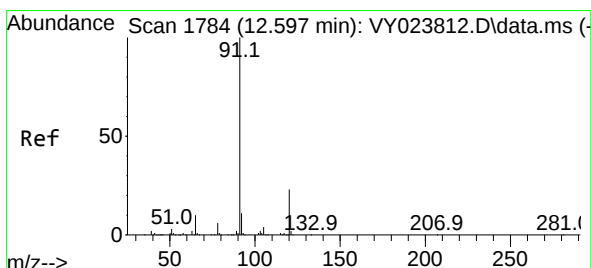
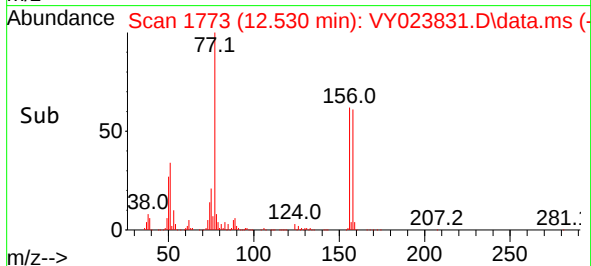
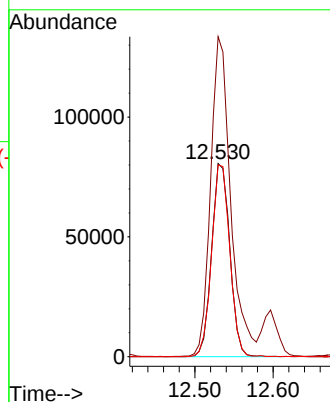
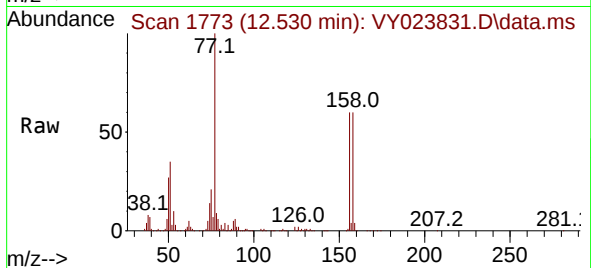
Tgt Ion:156 Resp: 130000

Ion Ratio Lower Upper

156 100

77 183.0 90.8 272.3

158 99.2 48.4 145.3



#78

n-propylbenzene

Concen: 22.988 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023831.D

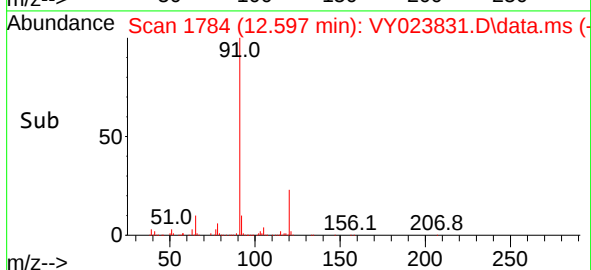
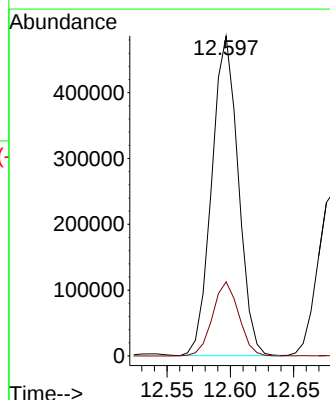
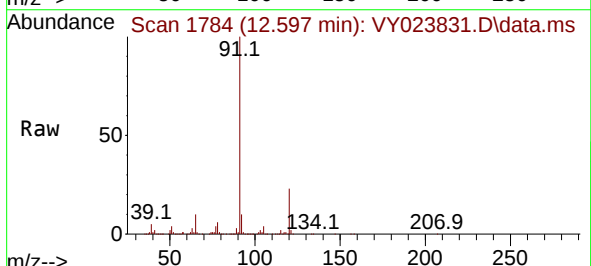
Acq: 01 Dec 2025 09:37

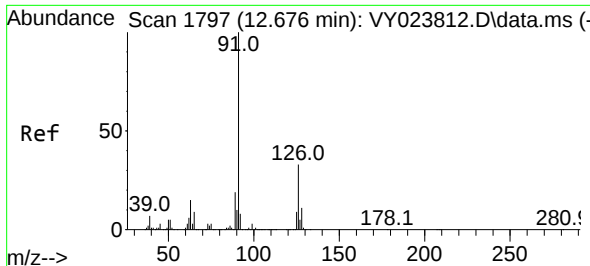
Tgt Ion: 91 Resp: 707533

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8

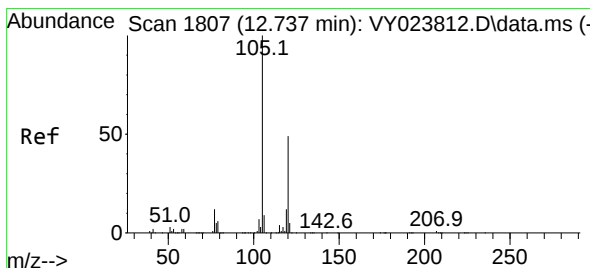
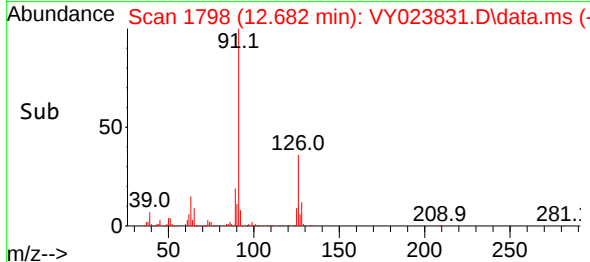
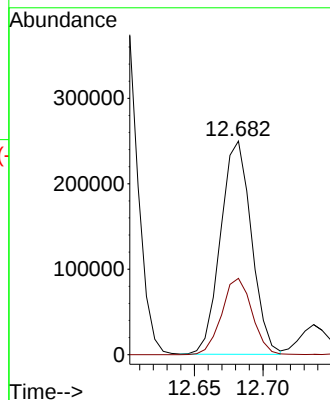
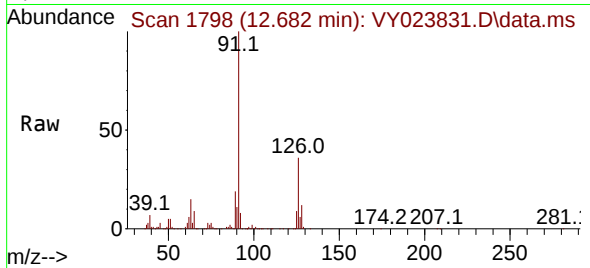




#79
2-Chlorotoluene
Concen: 22.077 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

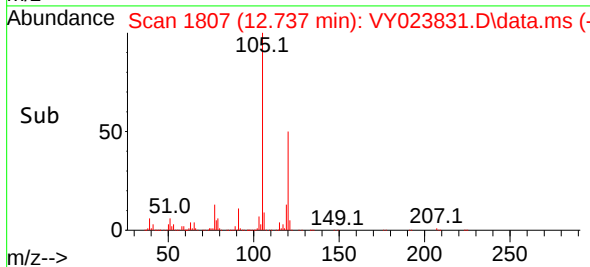
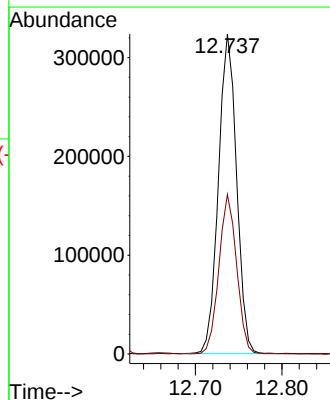
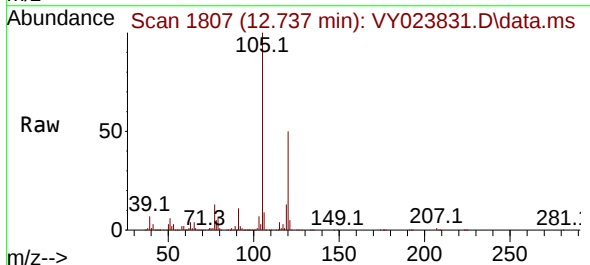
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

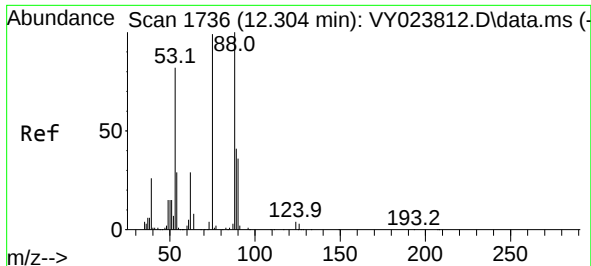
Tgt Ion: 91 Resp: 391060
Ion Ratio Lower Upper
91 100
126 35.2 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 22.535 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 105 Resp: 470287
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.8

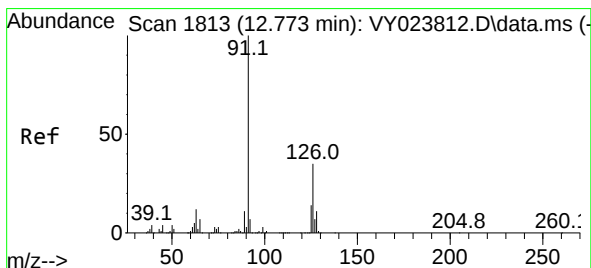
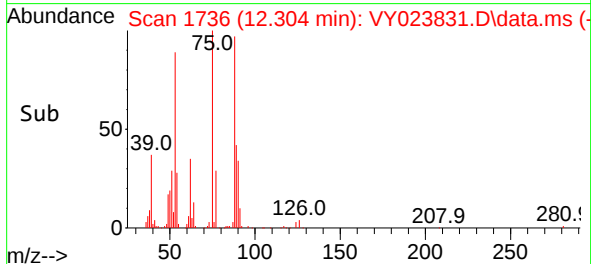
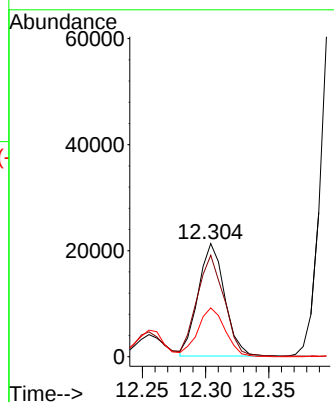
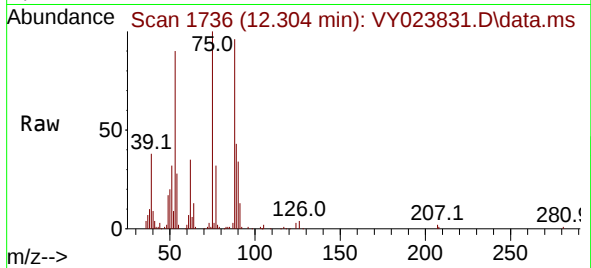




#81
trans-1,4-Dichloro-2-butene
Concen: 20.814 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

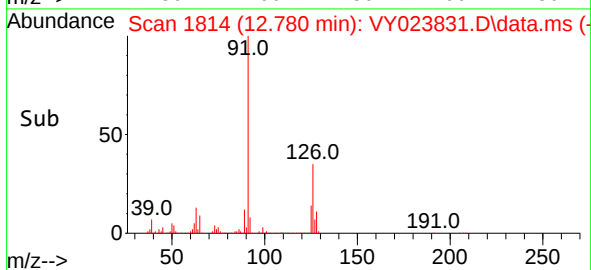
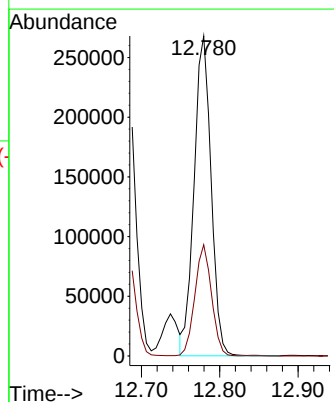
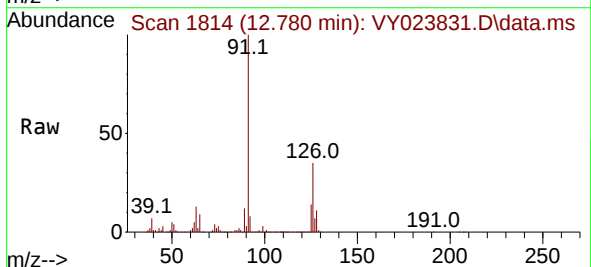
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

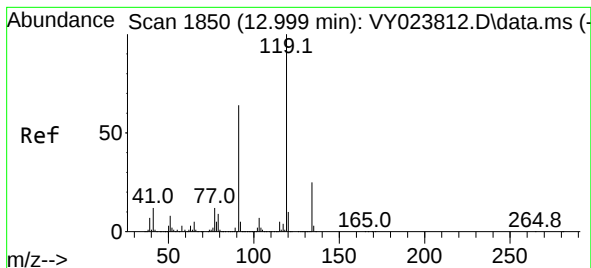
Tgt Ion: 75 Resp: 30845
Ion Ratio Lower Upper
75 100
53 92.7 71.3 106.9
89 44.9 37.0 55.4



#82
4-Chlorotoluene
Concen: 22.240 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 91 Resp: 404596
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9

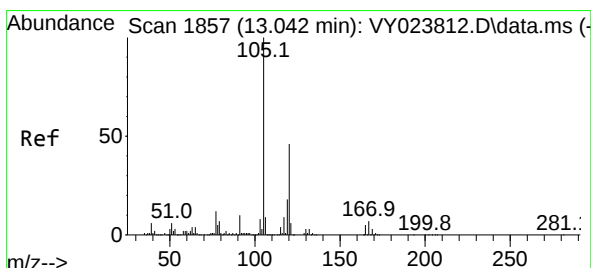
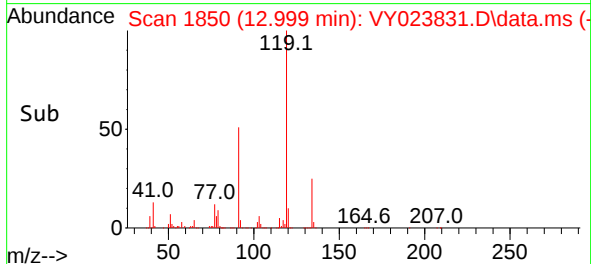
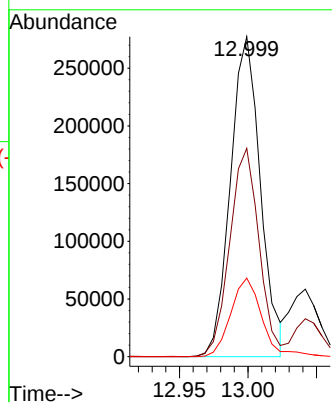
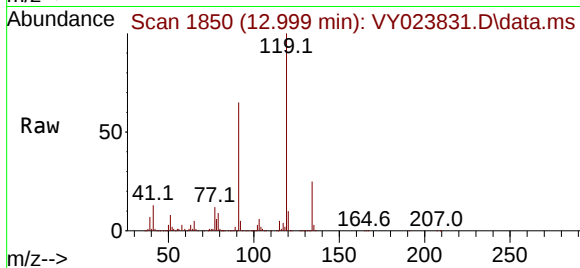




#83
tert-Butylbenzene
Concen: 22.574 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

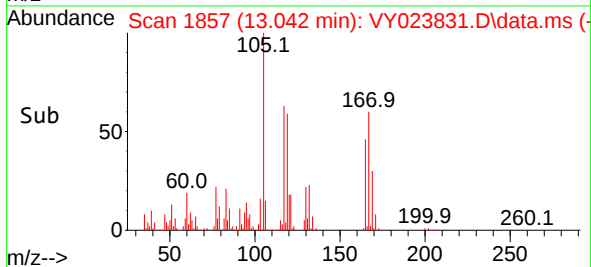
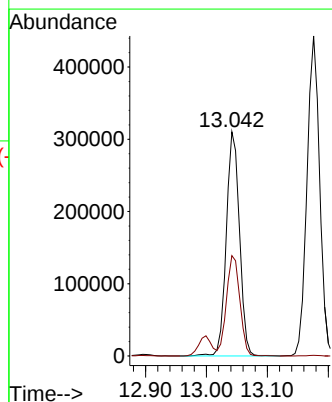
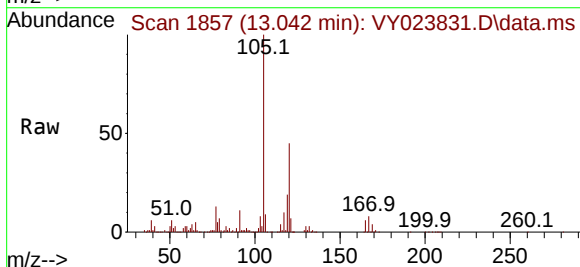
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

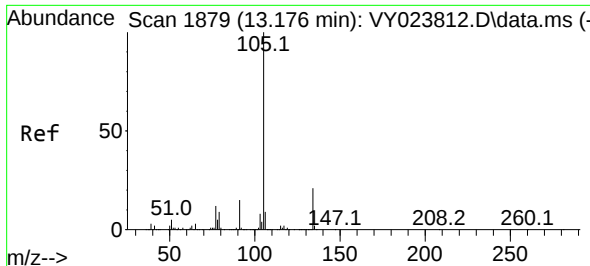
Tgt Ion:119 Resp: 423201
Ion Ratio Lower Upper
119 100
91 63.4 32.0 96.0
134 25.5 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 22.376 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion:105 Resp: 466685
Ion Ratio Lower Upper
105 100
120 45.3 22.5 67.5

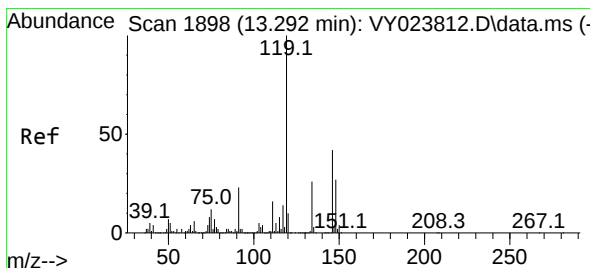
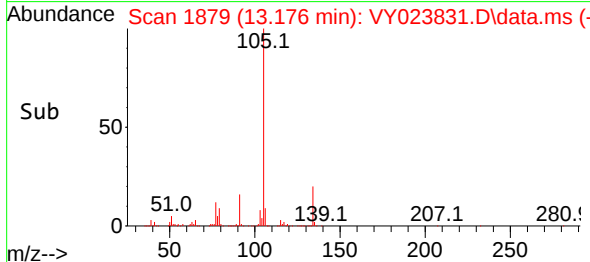
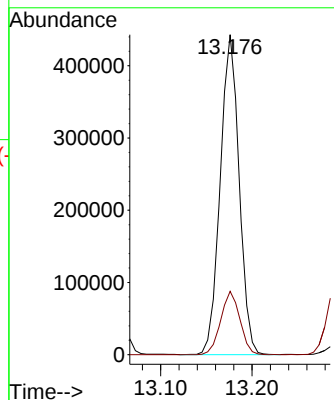
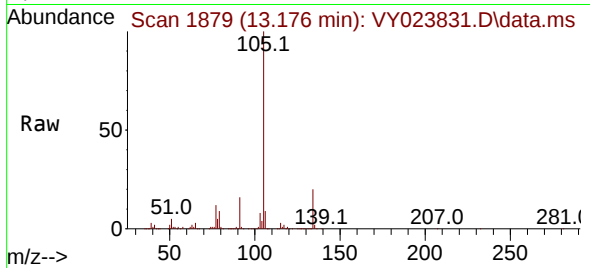




#85
 sec-Butylbenzene
 Concen: 23.027 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY023831.D
 Acq: 01 Dec 2025 09:37

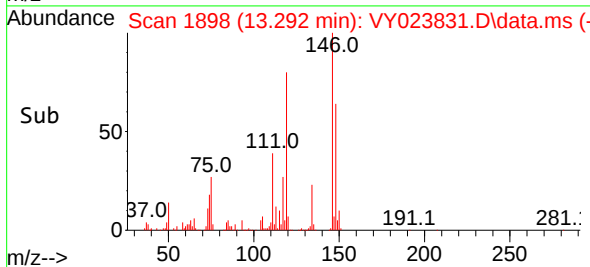
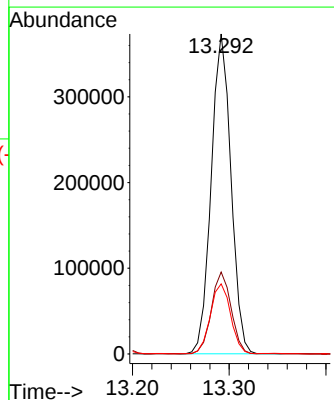
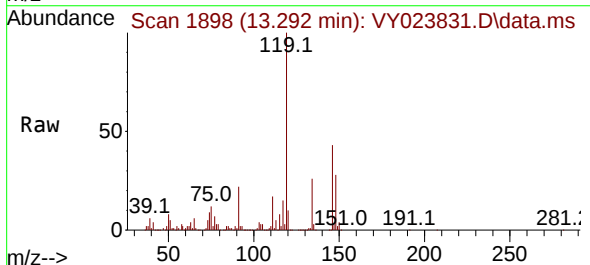
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

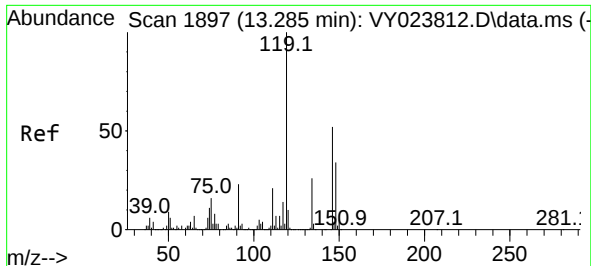
Tgt Ion:105 Resp: 637239
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 22.843 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY023831.D
 Acq: 01 Dec 2025 09:37

Tgt Ion:119 Resp: 528395
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.3
 91 22.5 11.5 34.4

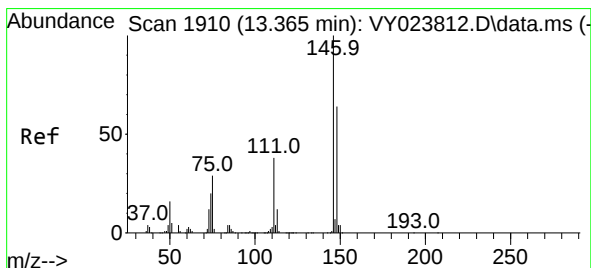
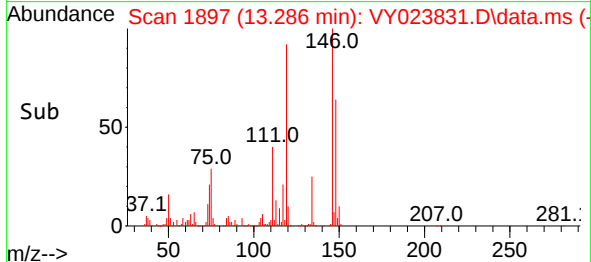
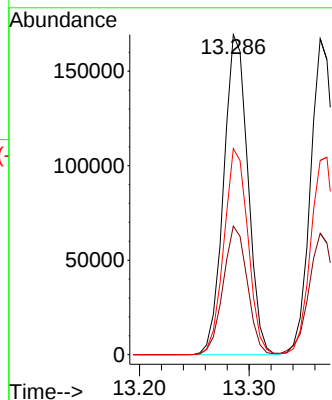
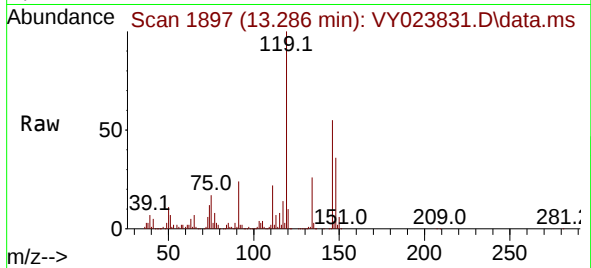




#87
1,3-Dichlorobenzene
Concen: 21.576 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

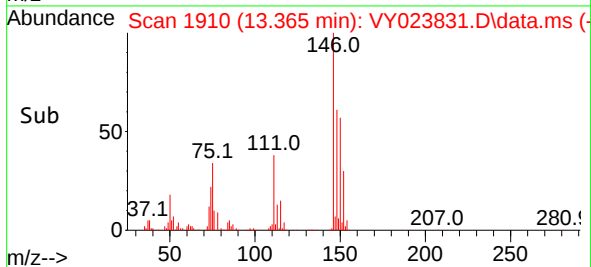
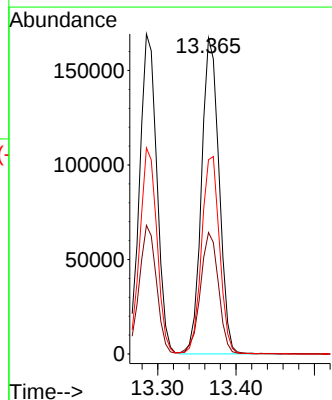
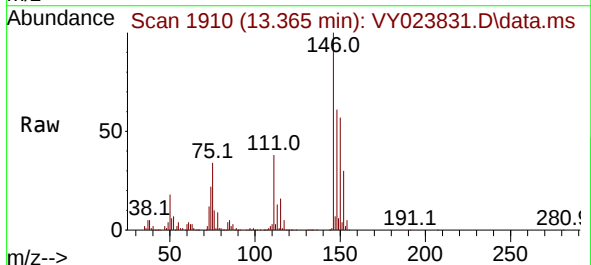
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

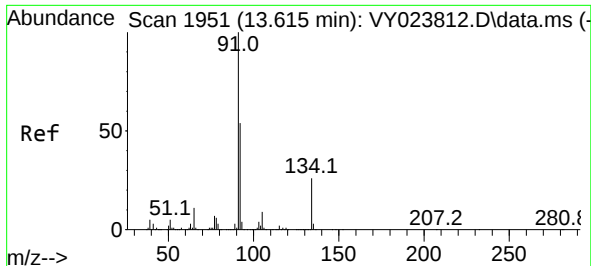
Tgt Ion:146 Resp: 260011
Ion Ratio Lower Upper
146 100
111 40.1 20.0 60.0
148 64.1 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 21.601 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion:146 Resp: 259834
Ion Ratio Lower Upper
146 100
111 39.6 19.4 58.2
148 64.0 32.0 96.0

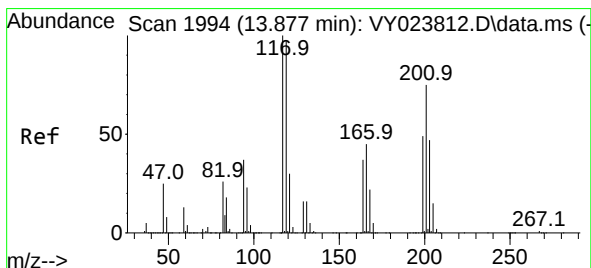
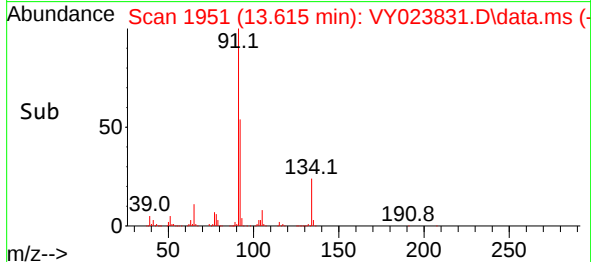
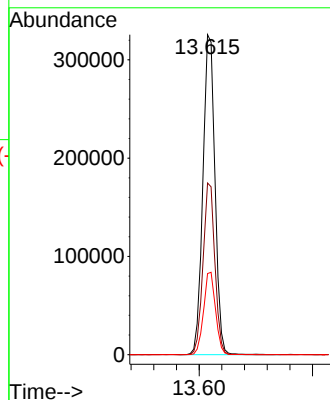
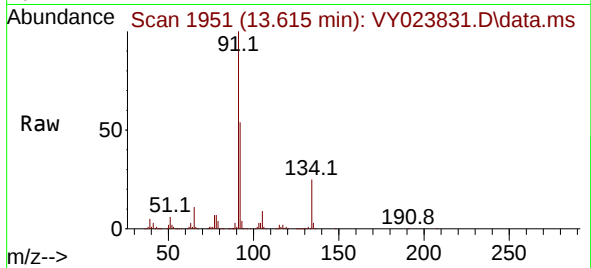




#89
n-Butylbenzene
Concen: 22.760 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

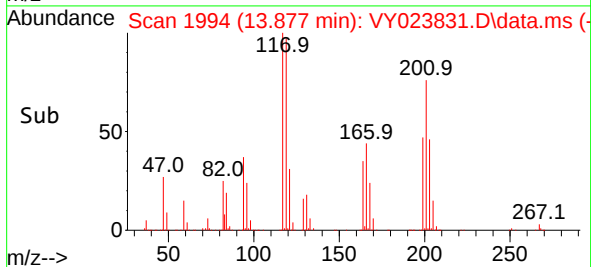
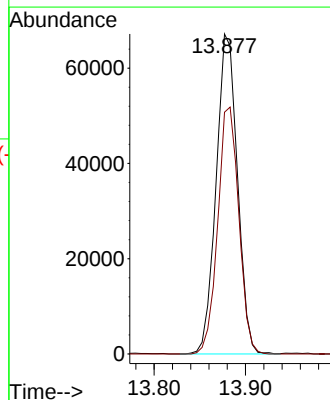
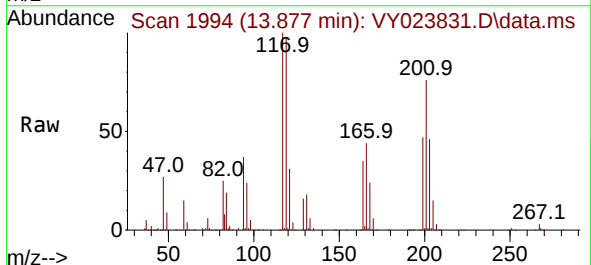
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBS01

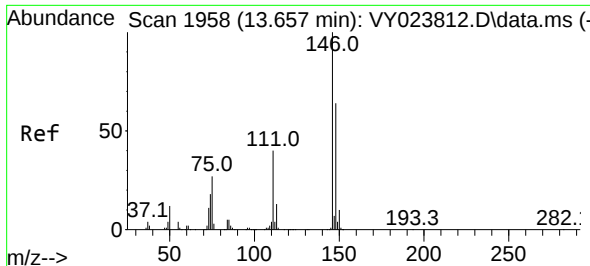
Tgt Ion: 91 Resp: 482726
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.3
134 25.4 13.0 39.0



#90
Hexachloroethane
Concen: 22.393 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023831.D
Acq: 01 Dec 2025 09:37

Tgt Ion: 117 Resp: 108829
Ion Ratio Lower Upper
117 100
201 76.4 38.6 115.8

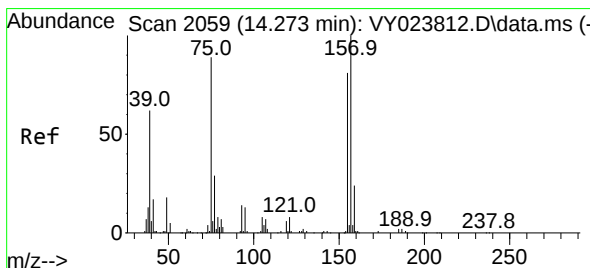
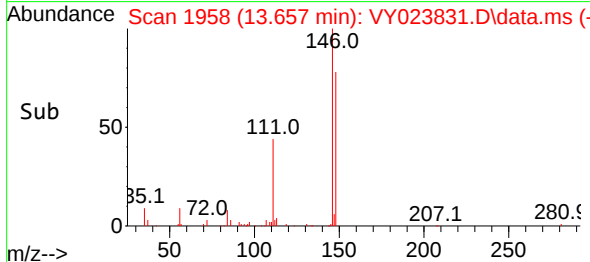
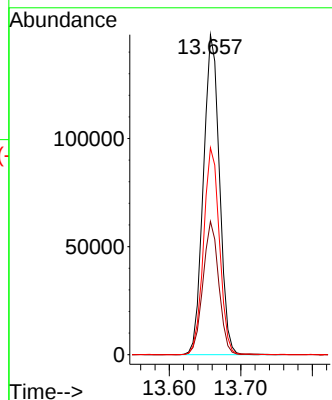
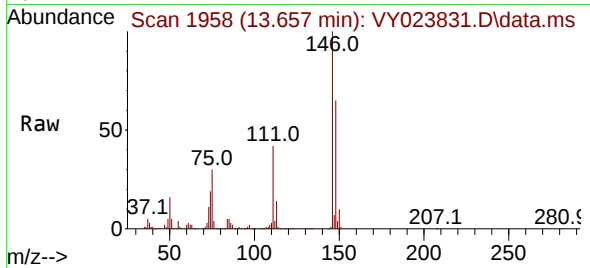




#91
 1,2-Dichlorobenzene
 Concen: 21.939 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023831.D
 Acq: 01 Dec 2025 09:37

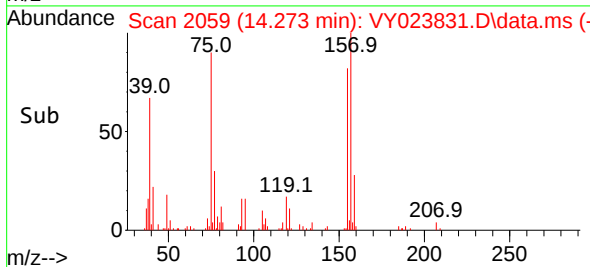
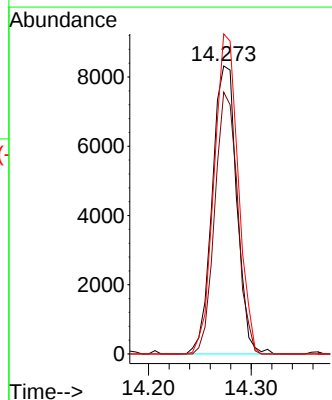
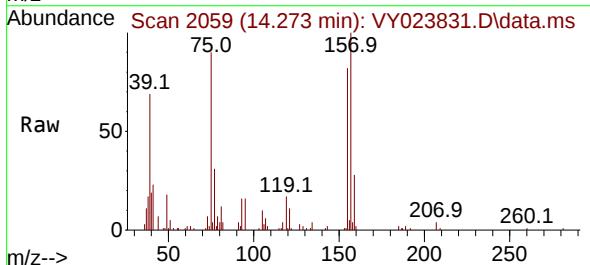
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBS01

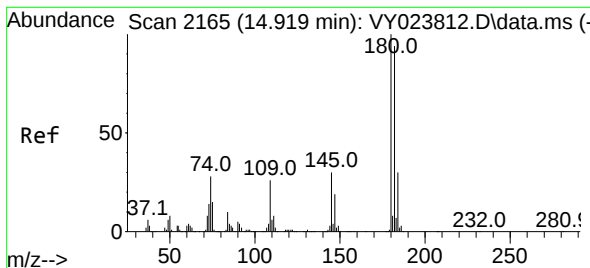
Tgt Ion:146 Resp: 231193
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.5 61.5
 148 63.9 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.572 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023831.D
 Acq: 01 Dec 2025 09:37

Tgt Ion: 75 Resp: 13788
 Ion Ratio Lower Upper
 75 100
 155 84.1 44.0 132.1
 157 108.8 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 20.779 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

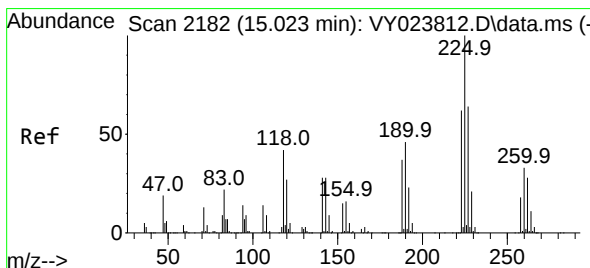
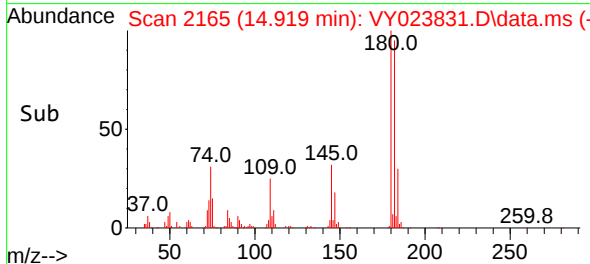
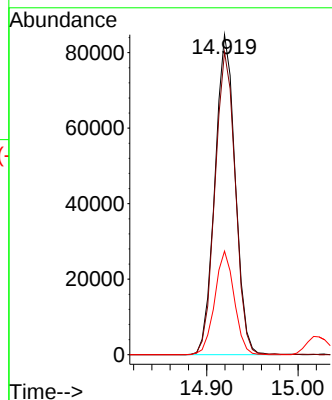
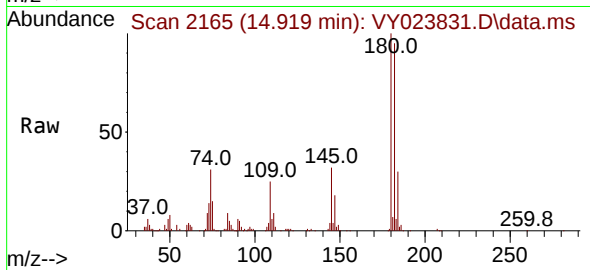
Tgt Ion:180 Resp: 130560

Ion Ratio Lower Upper

180 100

182 95.0 47.2 141.6

145 31.2 15.4 46.2



#94

Hexachlorobutadiene

Concen: 22.514 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

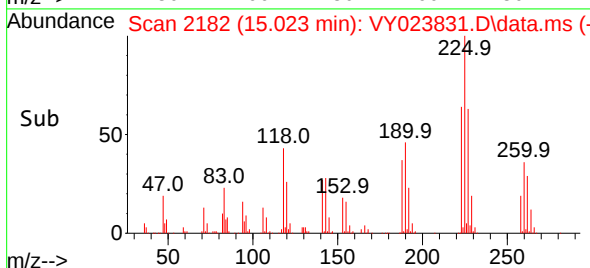
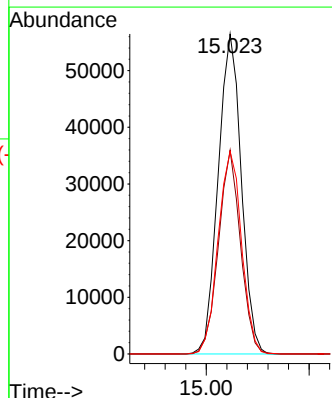
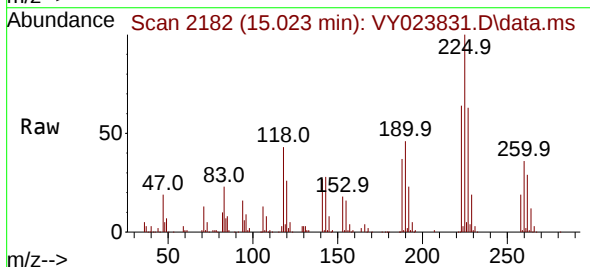
Tgt Ion:225 Resp: 88094

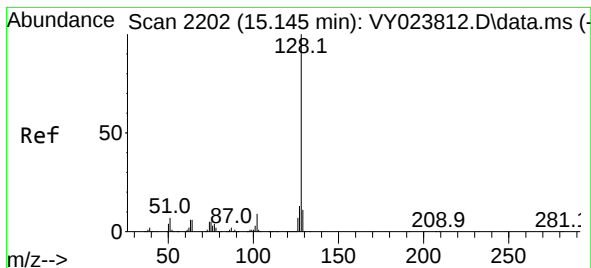
Ion Ratio Lower Upper

225 100

223 60.7 31.9 95.9

227 64.3 32.8 98.3





#95

Naphthalene

Concen: 19.680 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBS01

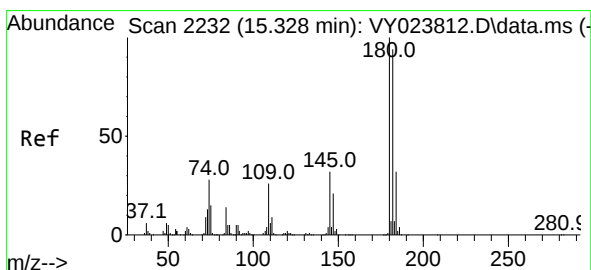
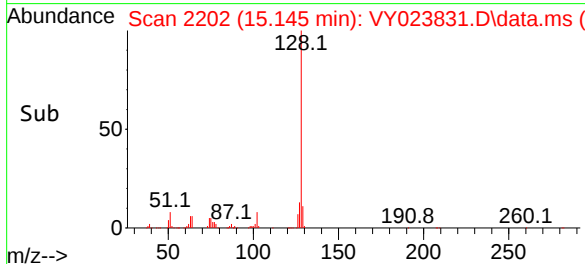
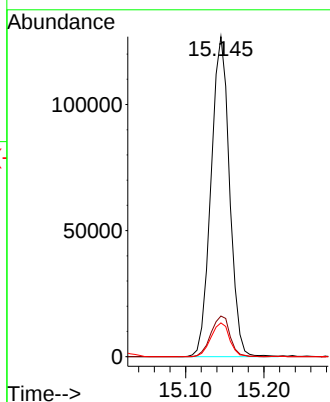
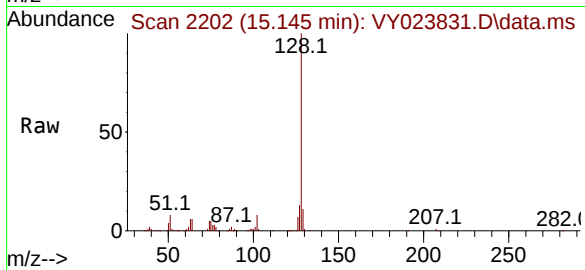
Tgt Ion:128 Resp: 208532

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.218 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023831.D

Acq: 01 Dec 2025 09:37

Tgt Ion:180 Resp: 113544

Ion Ratio Lower Upper

180 100

182 92.9 48.0 144.2

145 31.8 16.5 49.5

