

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103125\
 Data File : VY023639.D
 Acq On : 31 Oct 2025 10:15
 Operator : SY/MD
 Sample : VY1031SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBSD01

Quant Time: Nov 01 03:21:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	466936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	685905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	593886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	312078	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	187572	48.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.080%
35) Dibromofluoromethane	7.634	113	207532	49.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.480%
50) Toluene-d8	10.109	98	774555	49.349	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.408	95	253672	48.954	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	70538	20.988	ug/l	100
3) Chloromethane	2.074	50	91791	20.048	ug/l	100
4) Vinyl Chloride	2.208	62	120050	20.131	ug/l	99
5) Bromomethane	2.592	94	101730	20.328	ug/l	96
6) Chloroethane	2.739	64	86665	21.320	ug/l	99
7) Trichlorofluoromethane	3.062	101	176865	21.360	ug/l	99
8) Diethyl Ether	3.458	74	43446	20.080	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	98682	22.967	ug/l	99
10) Methyl Iodide	4.007	142	107137	22.398	ug/l	99
11) Tert butyl alcohol	4.848	59	28512	98.155	ug/l #	87
12) 1,1-Dichloroethene	3.793	96	91149	21.884	ug/l	94
13) Acrolein	3.653	56	17162	41.812	ug/l	100
14) Allyl chloride	4.385	41	115419	22.737	ug/l	99
15) Acrylonitrile	5.061	53	86553	104.531	ug/l	100
16) Acetone	3.867	43	130440	140.325	ug/l	98
17) Carbon Disulfide	4.110	76	246842	20.706	ug/l	99
18) Methyl Acetate	4.391	43	44816	18.379	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	207845	20.762	ug/l	96
20) Methylene Chloride	4.616	84	103888	20.668	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	102960	22.452	ug/l	96
22) Diisopropyl ether	6.019	45	263101	23.432	ug/l	94
23) Vinyl Acetate	5.964	43	667624	109.849	ug/l	97
24) 1,1-Dichloroethane	5.921	63	172613	23.208	ug/l	98
25) 2-Butanone	6.896	43	134356	118.392	ug/l	98
26) 2,2-Dichloropropane	6.884	77	161028	23.594	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	119707	22.599	ug/l	100
28) Bromochloromethane	7.250	49	62405	22.475	ug/l	94
29) Tetrahydrofuran	7.262	42	64067	99.555	ug/l	98
30) Chloroform	7.421	83	192275	23.529	ug/l	96
31) Cyclohexane	7.701	56	142654	21.962	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	173454	23.357	ug/l	98
36) 1,1-Dichloropropene	7.835	75	128204	22.977	ug/l	99
37) Ethyl Acetate	6.988	43	48143	21.779	ug/l	98
38) Carbon Tetrachloride	7.823	117	157367	23.260	ug/l	98
39) Methylcyclohexane	9.110	83	159481	21.953	ug/l	95
40) Benzene	8.079	78	410500	23.231	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	21894	18.313	ug/l	88
42) 1,2-Dichloroethane	8.158	62	101620	22.299	ug/l	99
43) Isopropyl Acetate	8.201	43	89033	20.199	ug/l	97
44) Trichloroethene	8.866	130	115460	22.325	ug/l	95
45) 1,2-Dichloropropane	9.140	63	91141	23.352	ug/l	97
46) Dibromomethane	9.231	93	55022	22.295	ug/l	97
47) Bromodichloromethane	9.420	83	141475	22.761	ug/l	99
48) Methyl methacrylate	9.225	41	41066	19.832	ug/l	96
49) 1,4-Dioxane	9.225	88	10498	366.884	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	233290	102.439	ug/l	98
52) Toluene	10.170	92	266614	23.238	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	116574	21.570	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	143811	22.546	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	74325	22.395	ug/l	95
56) Ethyl methacrylate	10.439	69	77091	20.137	ug/l	99
57) 1,3-Dichloropropane	10.719	76	117303	22.305	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	172691	100.697	ug/l	97
59) 2-Hexanone	10.762	43	184477	113.350	ug/l	98
60) Dibromochloromethane	10.914	129	102047	21.932	ug/l	100
61) 1,2-Dibromoethane	11.018	107	70272	22.202	ug/l	97
64) Tetrachloroethene	10.646	164	141971	23.152	ug/l	96
65) Chlorobenzene	11.438	112	297216	23.010	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	106464	23.130	ug/l	98
67) Ethyl Benzene	11.518	91	479712	22.944	ug/l	99
68) m/p-Xylenes	11.627	106	391290	46.659	ug/l	98
69) o-Xylene	11.957	106	175919	22.364	ug/l	96
70) Styrene	11.969	104	298583	23.083	ug/l	100
71) Bromoform	12.133	173	59665	20.897	ug/l #	99
73) Isopropylbenzene	12.255	105	481110	23.393	ug/l	99
74) N-amyl acetate	12.066	43	72251	19.559	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	70417	20.934	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	96975	35.221	ug/l #	100
77) Bromobenzene	12.530	156	120319	22.006	ug/l	97
78) n-propylbenzene	12.591	91	567091	23.828	ug/l	98
79) 2-Chlorotoluene	12.682	91	325525	23.357	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	388229	23.360	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	22879	20.376	ug/l	97
82) 4-Chlorotoluene	12.773	91	336736	23.460	ug/l	100
83) tert-Butylbenzene	12.993	119	355303	23.155	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	390535	23.546	ug/l	99
85) sec-Butylbenzene	13.176	105	527143	23.948	ug/l	98
86) p-Isopropyltoluene	13.292	119	440893	23.525	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	241660	22.697	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	236063	22.449	ug/l	99
89) n-Butylbenzene	13.615	91	381103	23.338	ug/l	99
90) Hexachloroethane	13.877	117	92230	22.881	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	207934	22.276	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10999	19.928	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	119943	20.611	ug/l	100
94) Hexachlorobutadiene	15.023	225	82704	22.799	ug/l	98
95) Naphthalene	15.145	128	167864	18.115	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	101153	20.068	ug/l	99

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ClientSampleId :
VY1031SBSD01

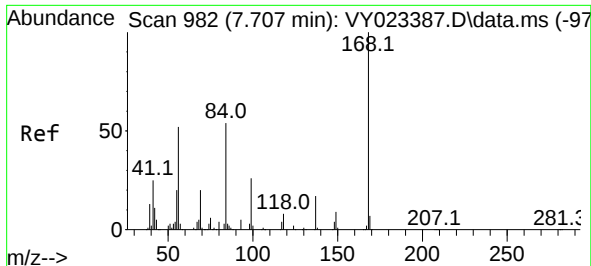
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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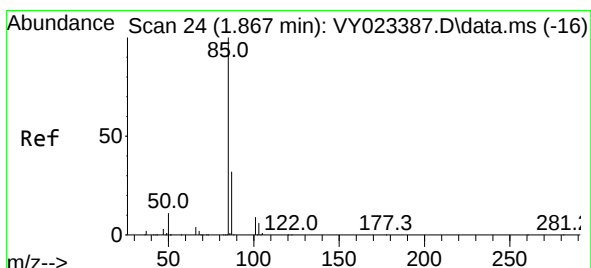
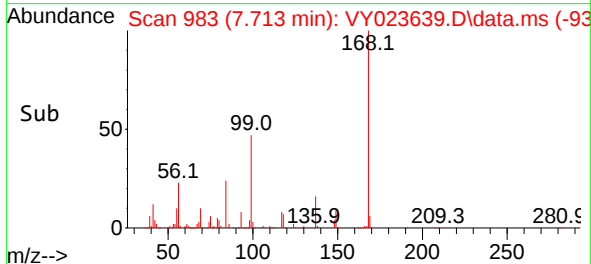
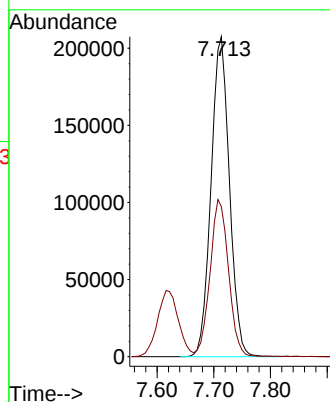
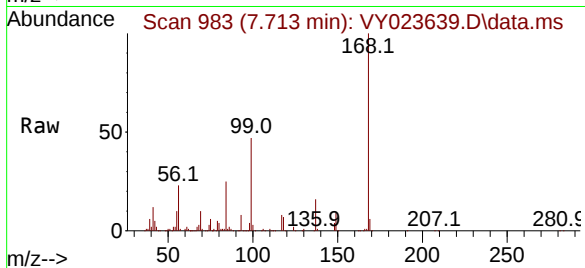




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023639.D
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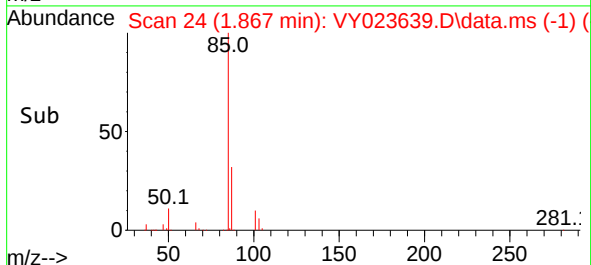
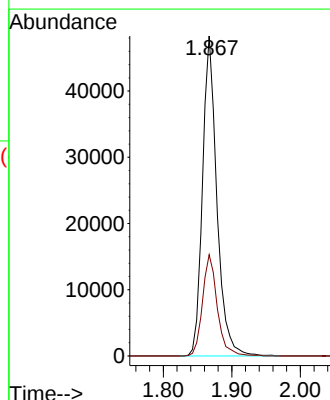
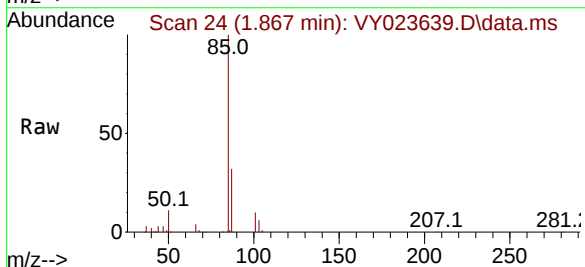
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion:168 Resp: 466936
Ion Ratio Lower Upper
168 100
99 46.9 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 20.988 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 85 Resp: 70538
Ion Ratio Lower Upper
85 100
87 31.7 16.0 47.9

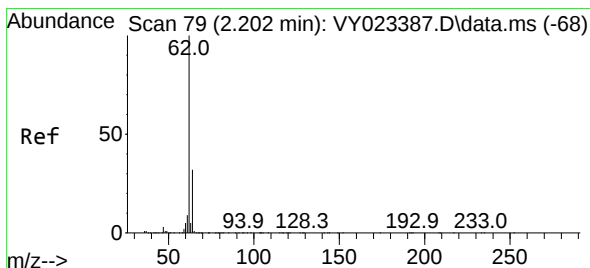
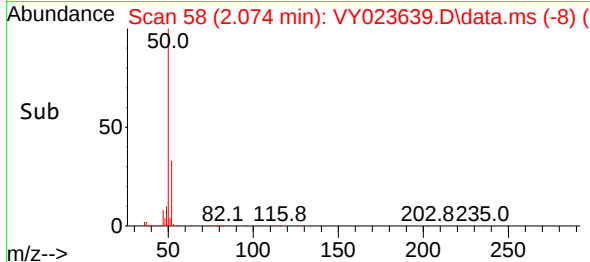
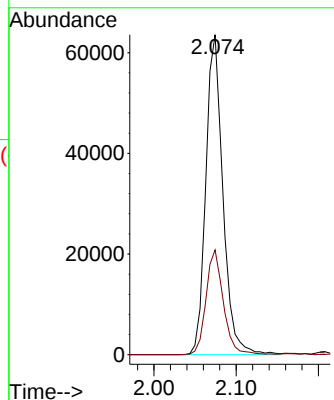
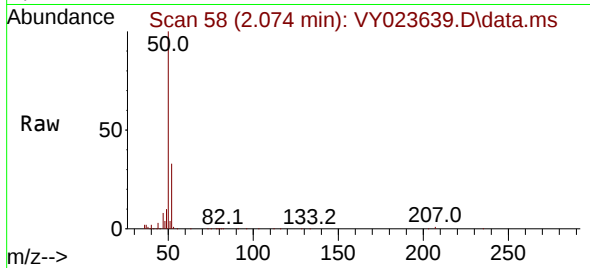




#3
Chloromethane
Concen: 20.048 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

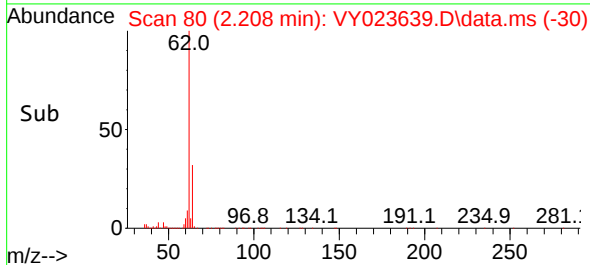
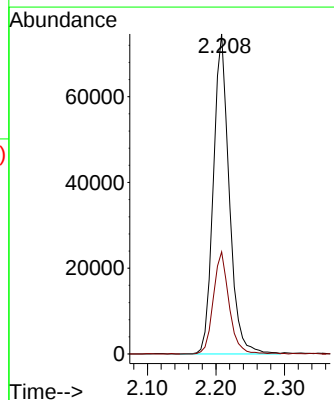
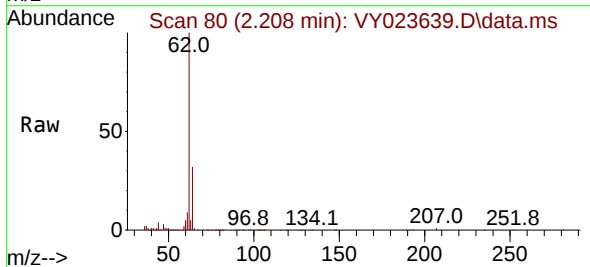
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion: 50 Resp: 91791
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2



#4
Vinyl Chloride
Concen: 20.131 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 62 Resp: 120050
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.8

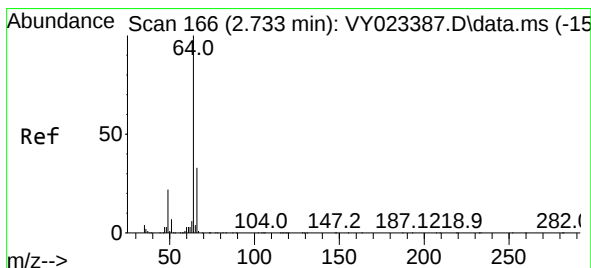
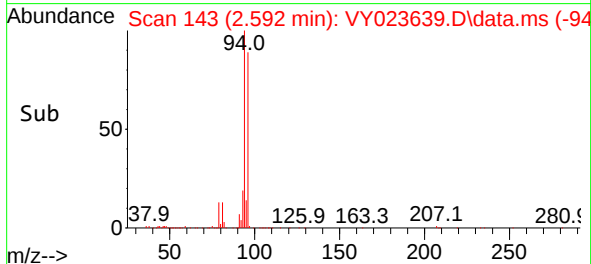
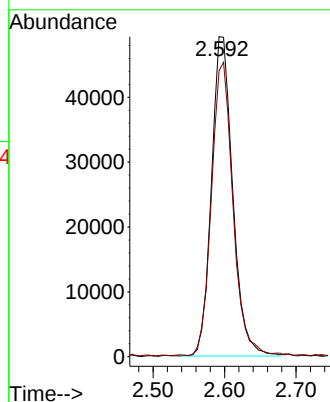
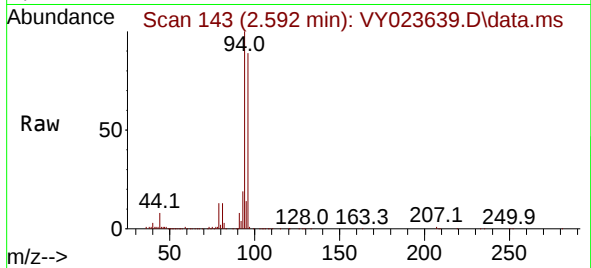




#5
Bromomethane
Concen: 20.328 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

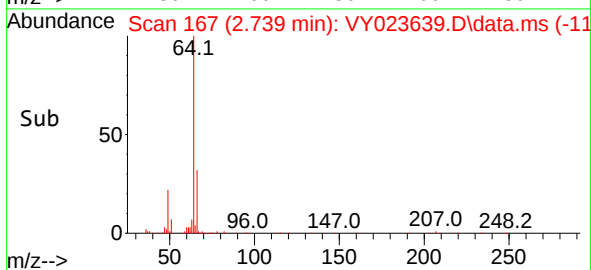
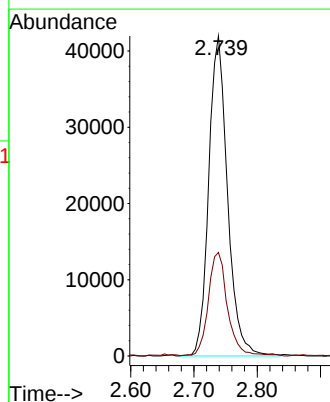
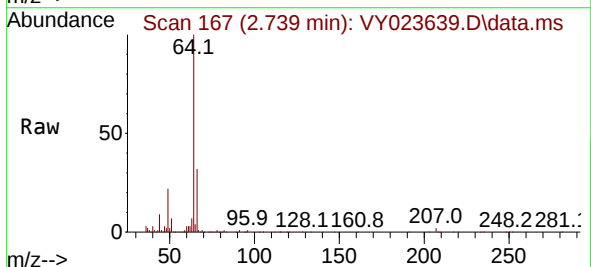
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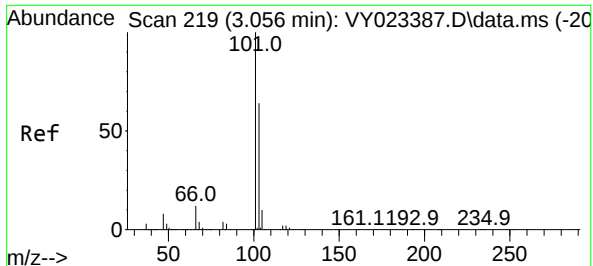
Tgt Ion: 94 Resp: 101730
Ion Ratio Lower Upper
94 100
96 89.0 74.5 111.7



#6
Chloroethane
Concen: 21.320 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 64 Resp: 86665
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4

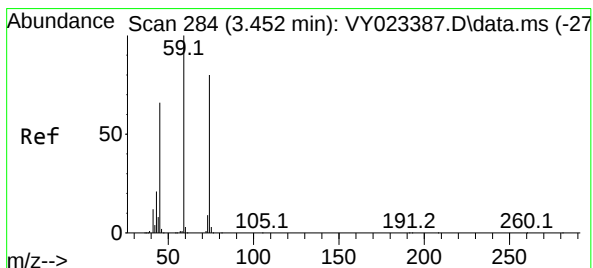
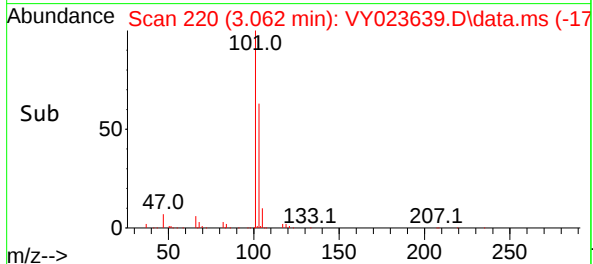
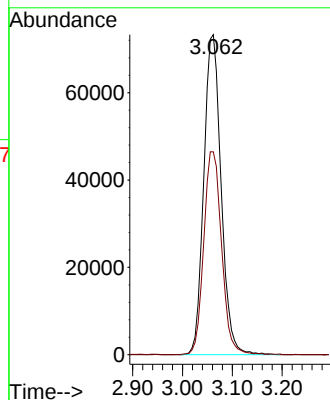
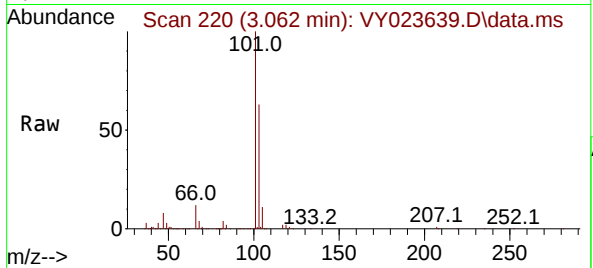




#7
Trichlorofluoromethane
Concen: 21.360 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

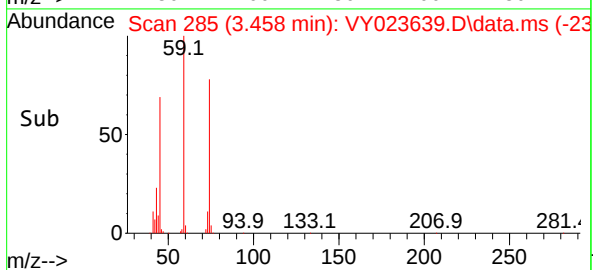
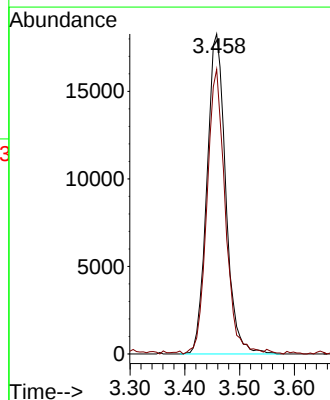
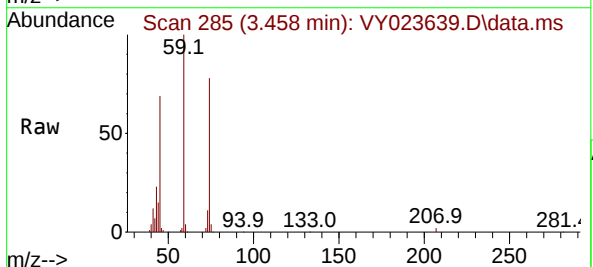
Instrument :
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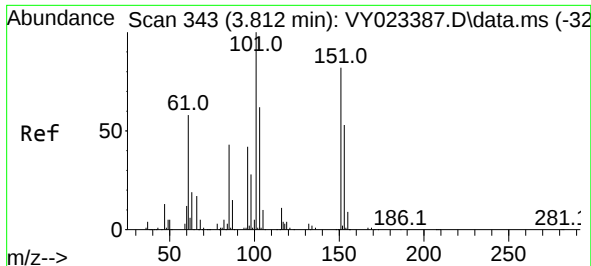
Tgt Ion:101 Resp: 176865
Ion Ratio Lower Upper
101 100
103 63.4 51.3 76.9



#8
Diethyl Ether
Concen: 20.080 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 74 Resp: 43446
Ion Ratio Lower Upper
74 100
45 86.2 39.9 119.7

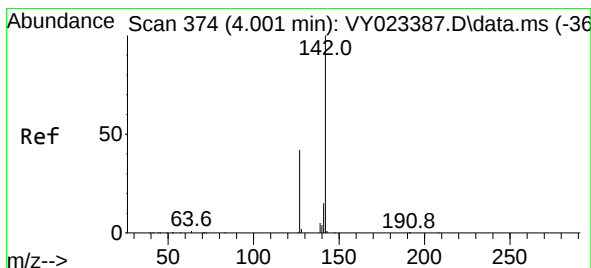
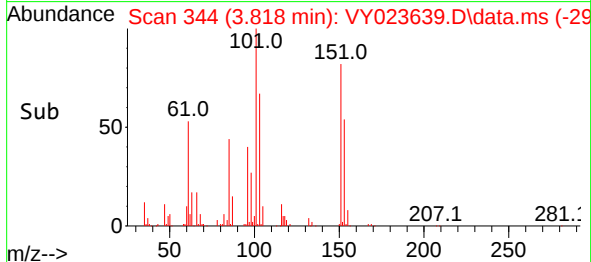
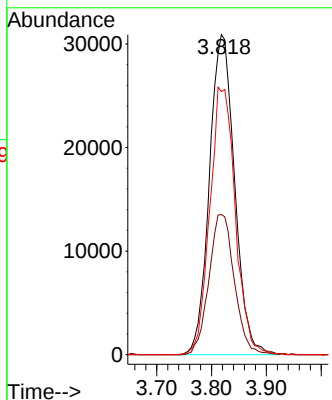
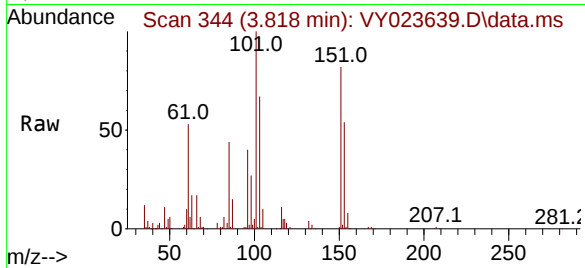




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.967 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

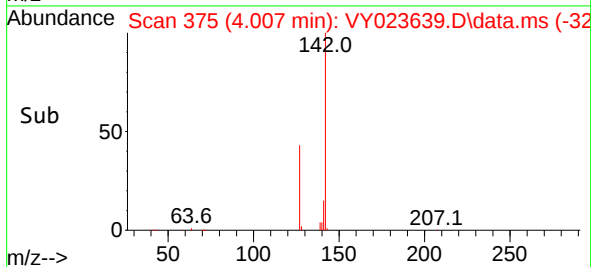
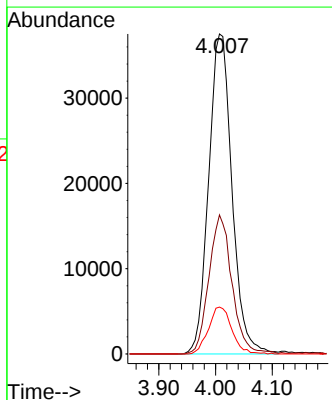
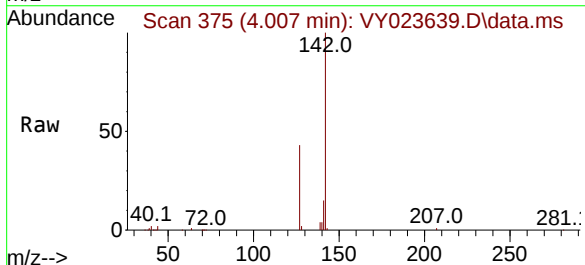
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion:101 Resp: 98682
Ion Ratio Lower Upper
101 100
85 44.2 34.6 51.8
151 84.5 67.0 100.6



#10
Methyl Iodide
Concen: 22.398 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion:142 Resp: 107137
Ion Ratio Lower Upper
142 100
127 43.1 34.8 52.2
141 14.7 11.6 17.4

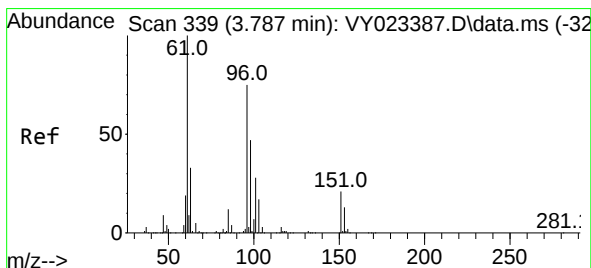
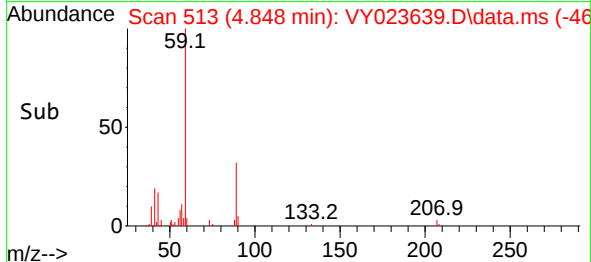
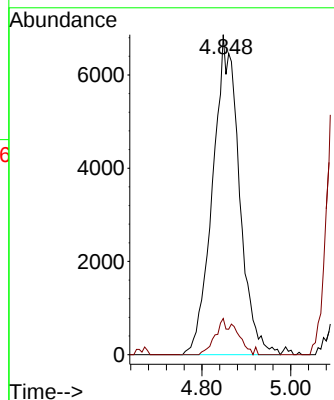
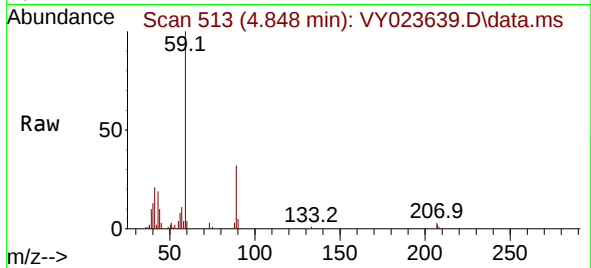




#11
Tert butyl alcohol
Concen: 98.155 ug/l
RT: 4.848 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

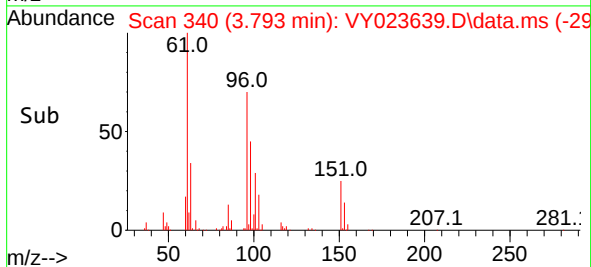
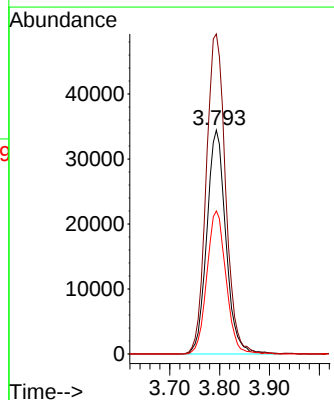
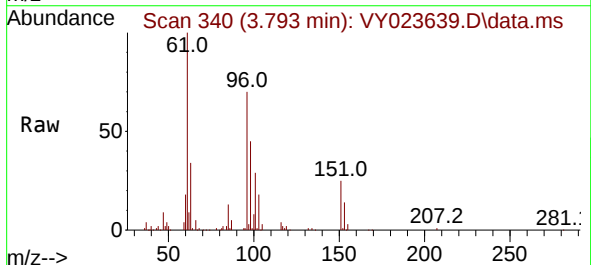
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

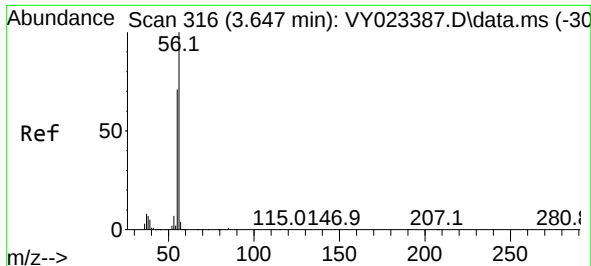
Tgt Ion: 59 Resp: 28512
Ion Ratio Lower Upper
59 100
57 5.4 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 21.884 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 96 Resp: 91149
Ion Ratio Lower Upper
96 100
61 143.0 106.7 160.1
98 63.9 50.2 75.4

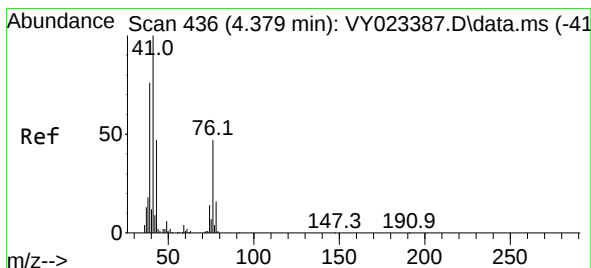
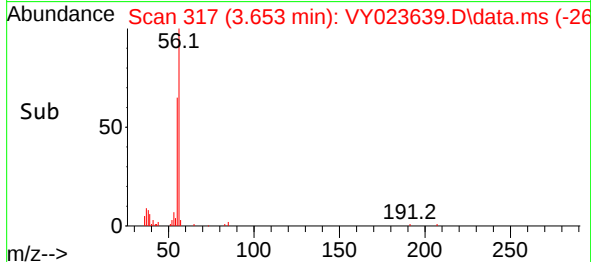
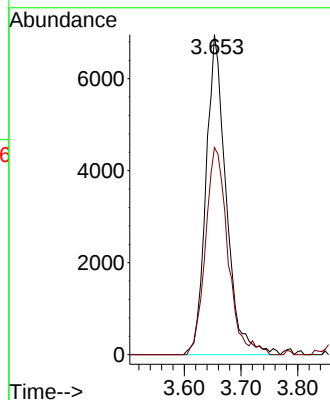
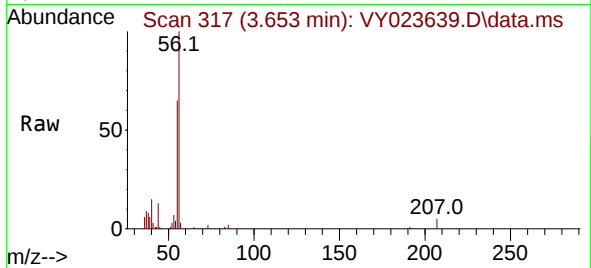




#13
Acrolein
Concen: 41.812 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

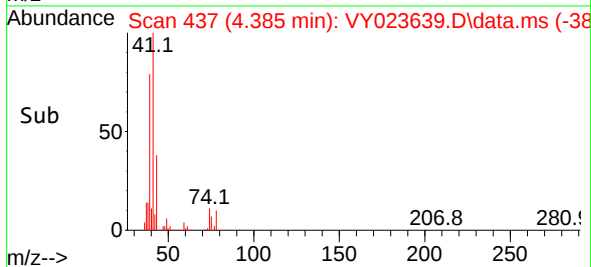
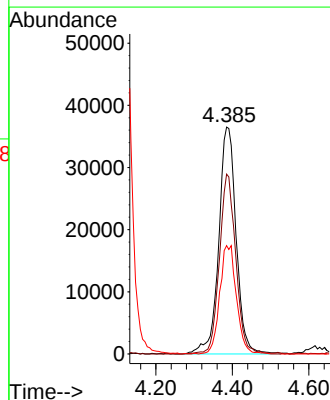
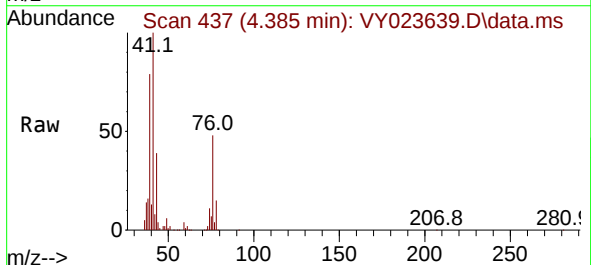
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion: 56 Resp: 17162
Ion Ratio Lower Upper
56 100
55 70.2 56.1 84.1



#14
Allyl chloride
Concen: 22.737 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 41 Resp: 115419
Ion Ratio Lower Upper
41 100
39 74.6 59.9 89.9
76 45.8 38.0 57.0

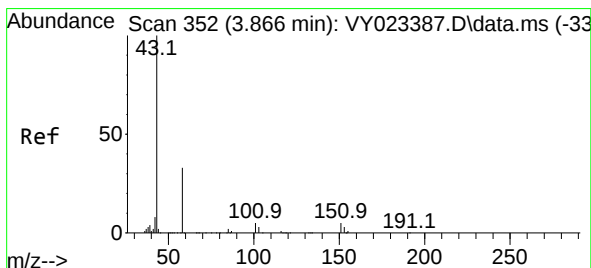
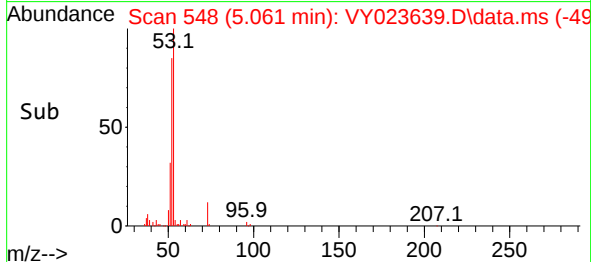
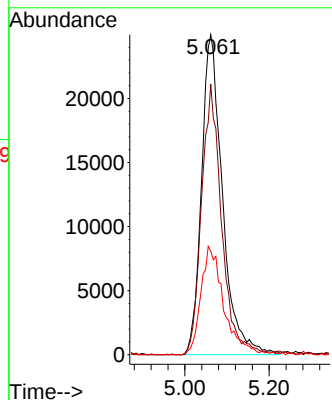
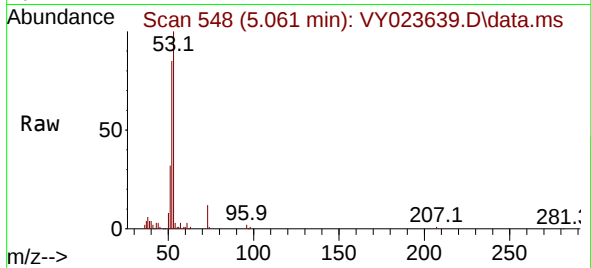




#15
Acrylonitrile
Concen: 104.531 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

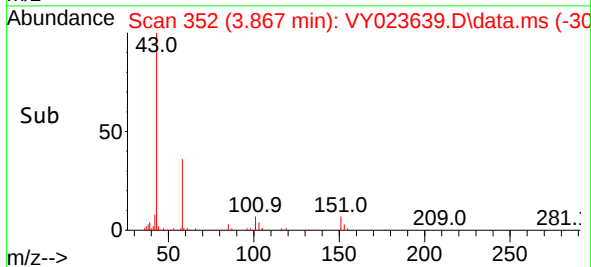
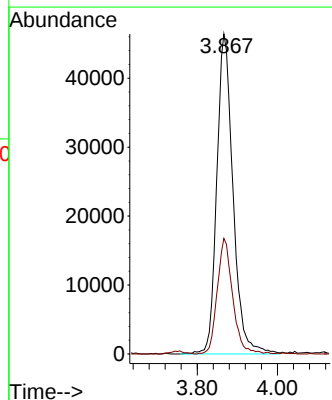
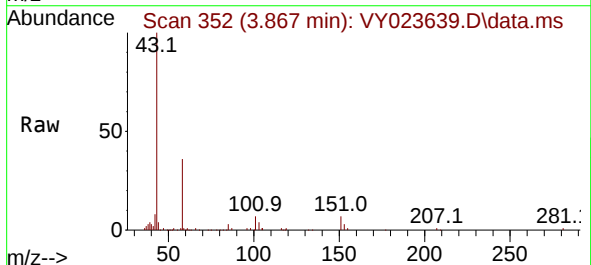
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

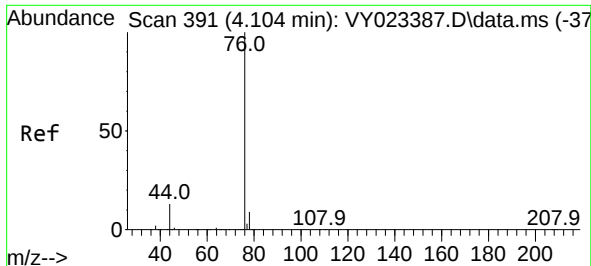
Tgt Ion: 53 Resp: 86553
Ion Ratio Lower Upper
53 100
52 80.7 64.6 97.0
51 36.6 29.5 44.3



#16
Acetone
Concen: 140.325 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 43 Resp: 130440
Ion Ratio Lower Upper
43 100
58 35.9 27.7 41.5

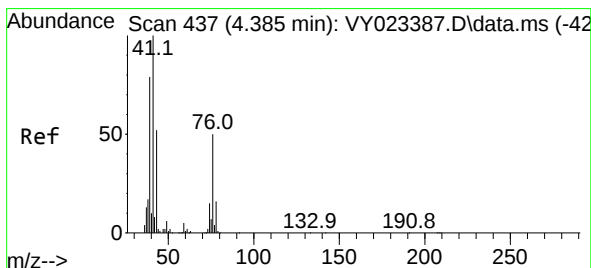
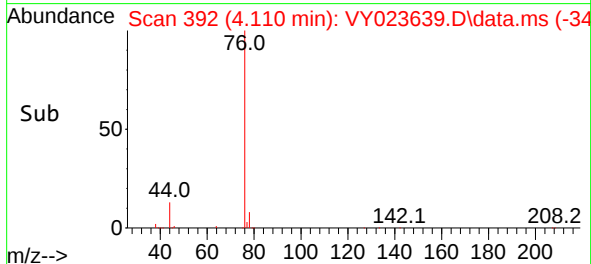
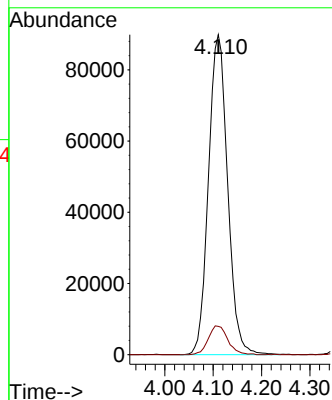
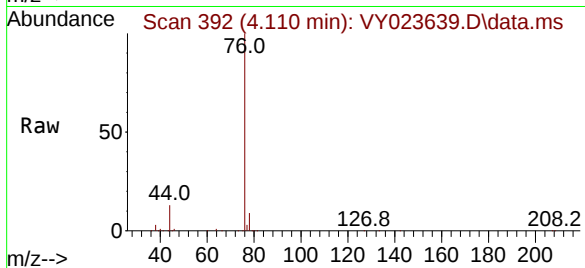




#17
Carbon Disulfide
Concen: 20.706 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

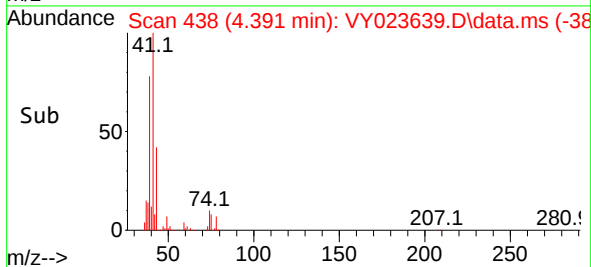
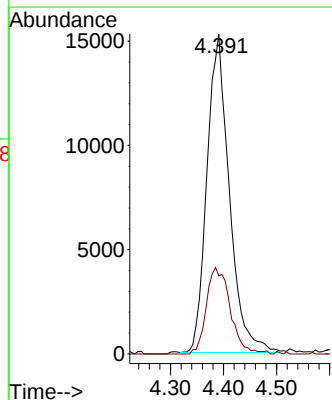
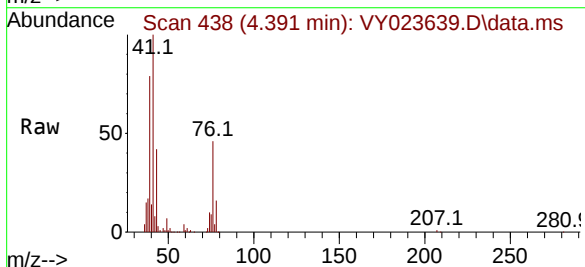
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion: 76 Resp: 246842
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 18.379 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 43 Resp: 44816
Ion Ratio Lower Upper
43 100
74 28.8 24.2 36.4

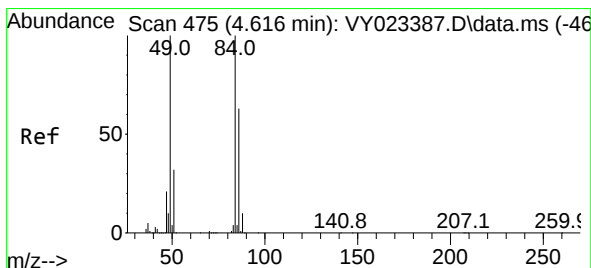
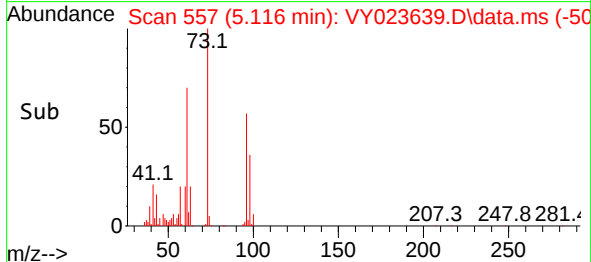
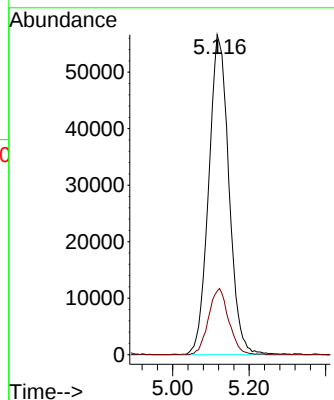
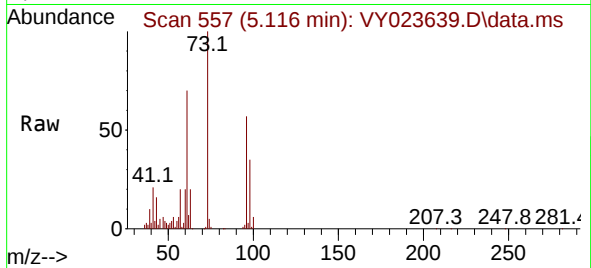




#19
Methyl tert-butyl Ether
Concen: 20.762 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

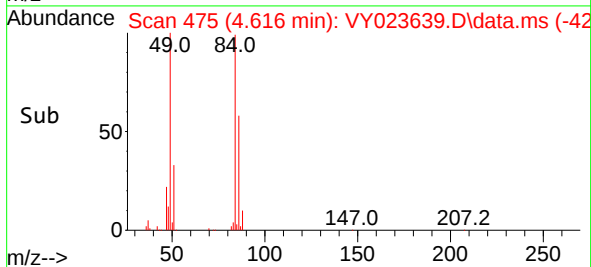
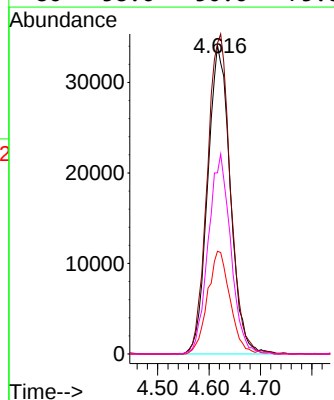
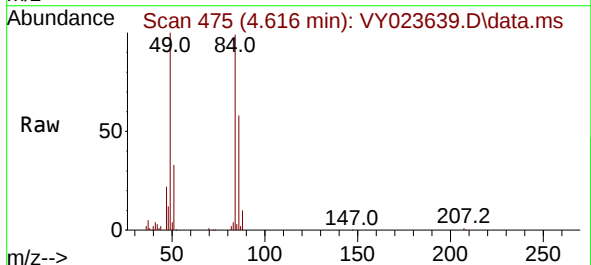
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

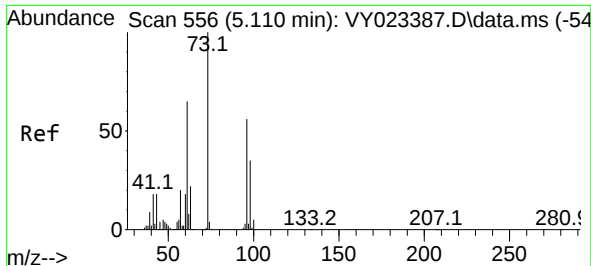
Tgt Ion: 73 Resp: 207845
Ion Ratio Lower Upper
73 100
57 19.8 17.4 26.0



#20
Methylene Chloride
Concen: 20.668 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 84 Resp: 103888
Ion Ratio Lower Upper
84 100
49 100.6 80.2 120.4
51 33.2 25.9 38.9
86 58.6 50.6 75.8

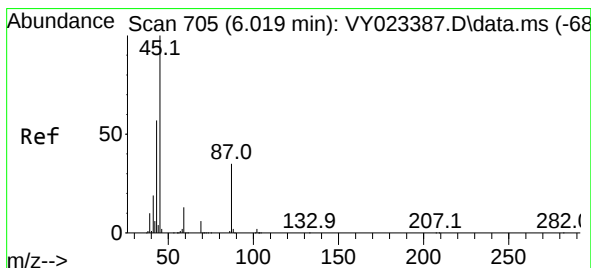
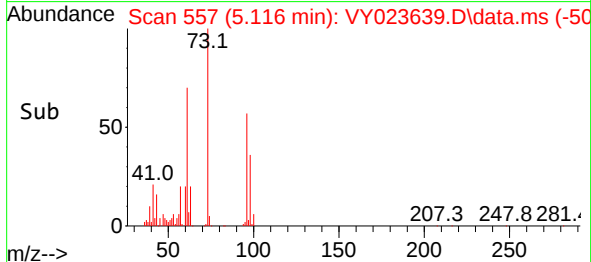
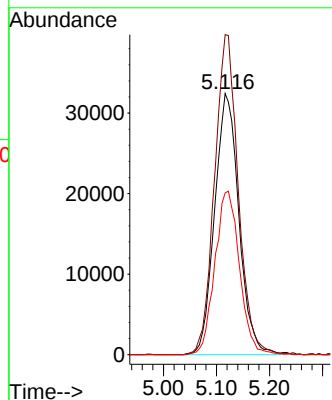
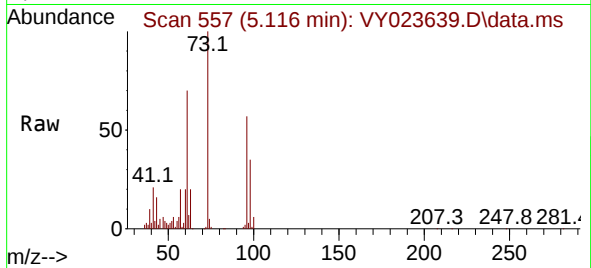




#21
trans-1,2-Dichloroethene
Concen: 22.452 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

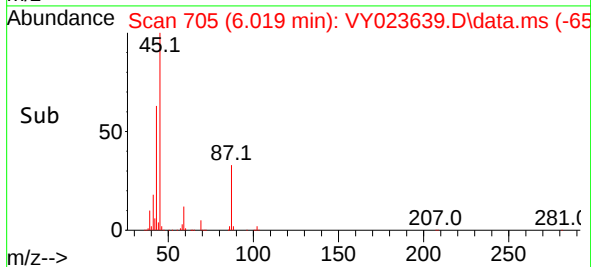
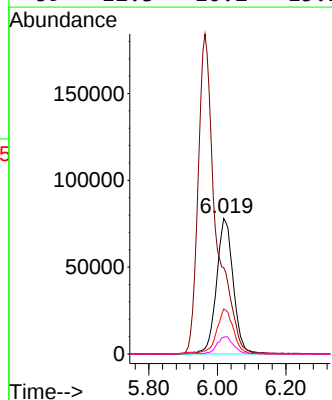
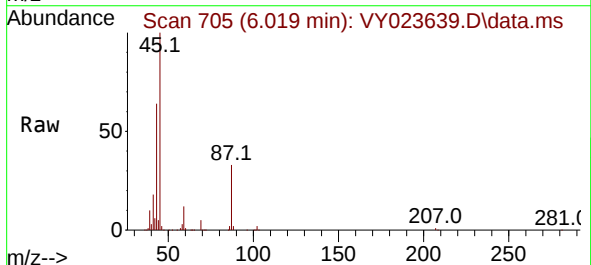
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

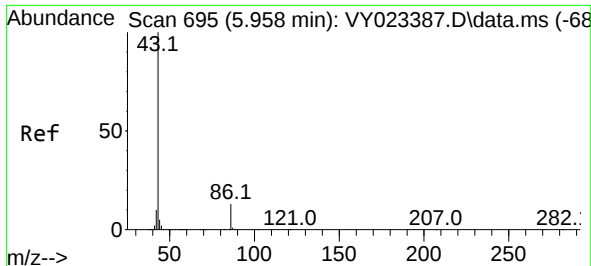
Tgt Ion: 96 Resp: 102960
Ion Ratio Lower Upper
96 100
61 122.6 92.7 139.1
98 62.0 49.7 74.5



#22
Diisopropyl ether
Concen: 23.432 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 45 Resp: 263101
Ion Ratio Lower Upper
45 100
43 63.5 45.6 68.4
87 33.1 28.1 42.1
59 12.3 10.2 15.2

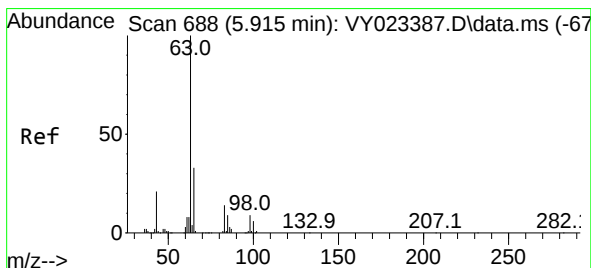
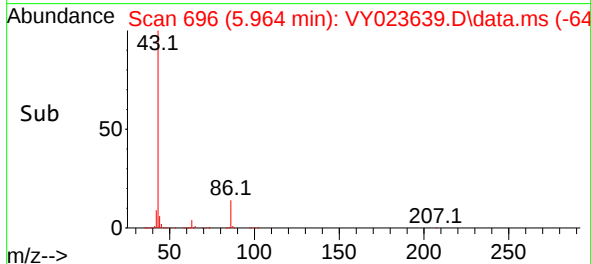
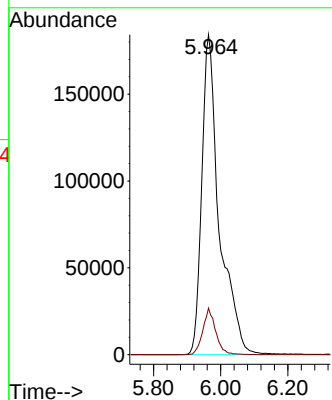
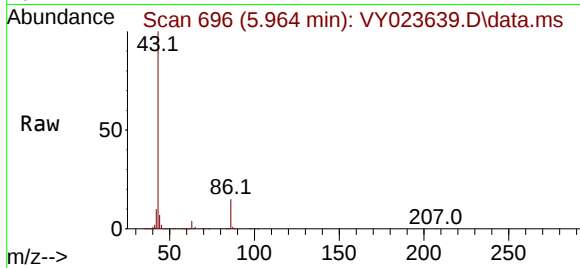




#23
 Vinyl Acetate
 Concen: 109.849 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023639.D
 Acq: 31 Oct 2025 10:15

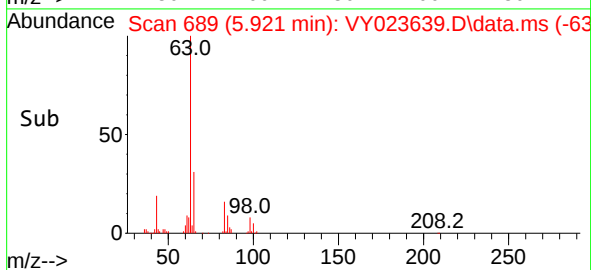
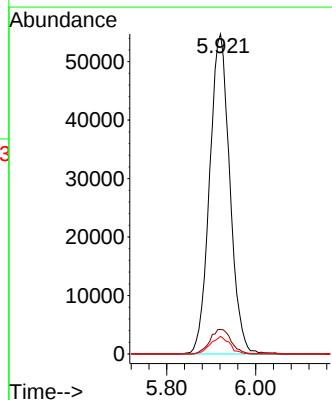
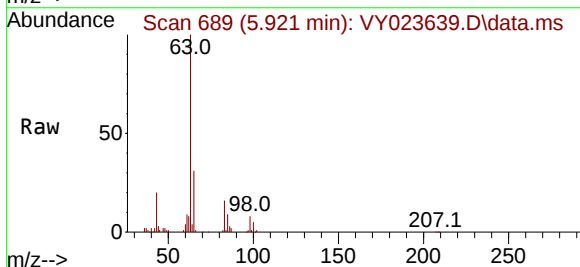
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBSD01

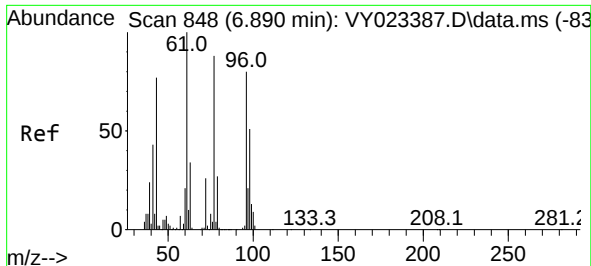
Tgt Ion: 43 Resp: 667624
 Ion Ratio Lower Upper
 43 100
 86 14.5 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 23.208 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023639.D
 Acq: 31 Oct 2025 10:15

Tgt Ion: 63 Resp: 172613
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.3 13.1
 100 5.5 2.8 8.4





#25

2-Butanone

Concen: 118.392 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

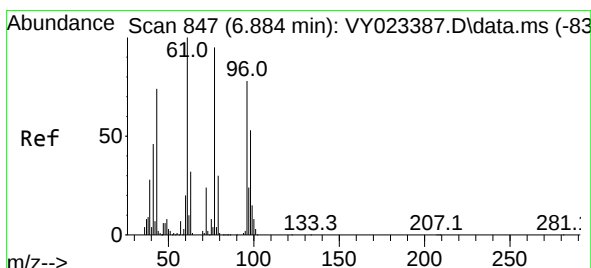
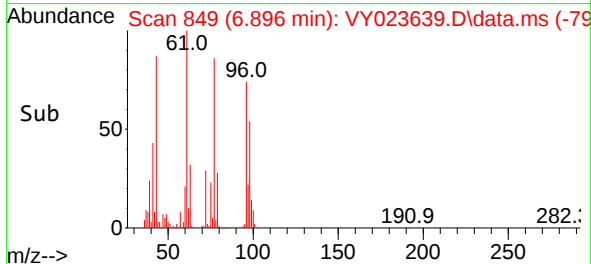
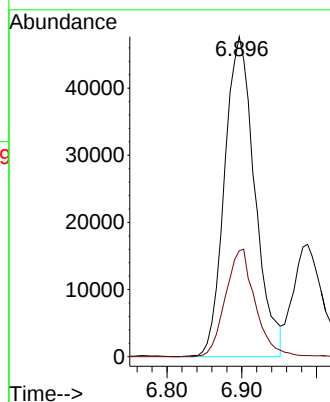
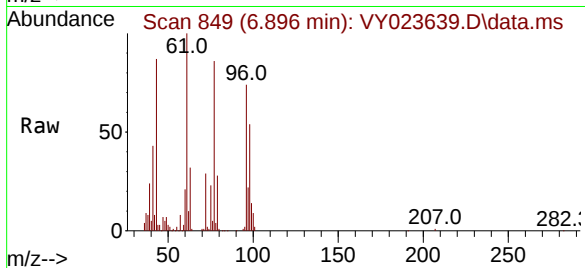
VY1031SBSD01

Tgt Ion: 43 Resp: 134356

Ion Ratio Lower Upper

43 100

72 33.1 27.4 41.2



#26

2,2-Dichloropropane

Concen: 23.594 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023639.D

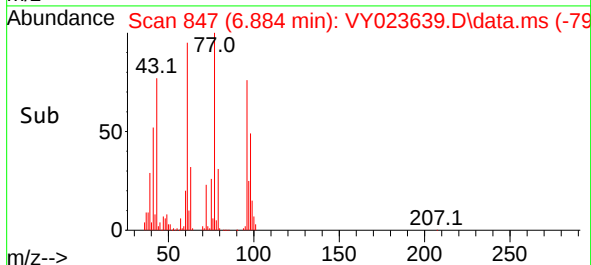
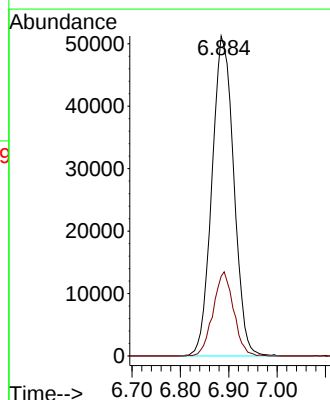
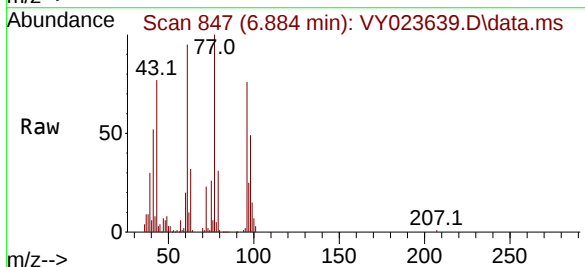
Acq: 31 Oct 2025 10:15

Tgt Ion: 77 Resp: 161028

Ion Ratio Lower Upper

77 100

97 24.7 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 22.599 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBSD01

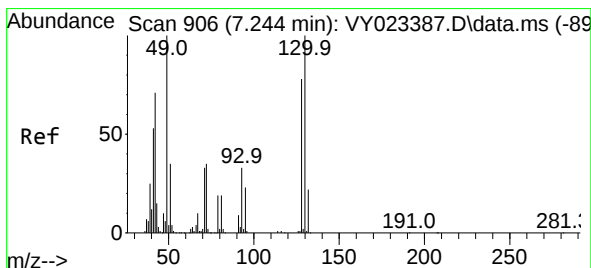
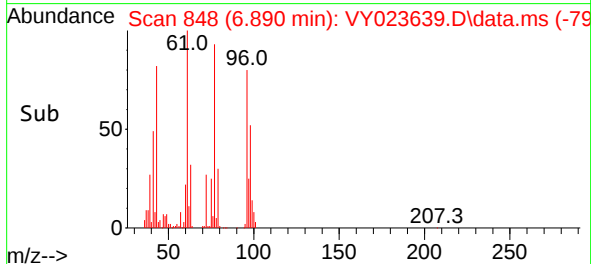
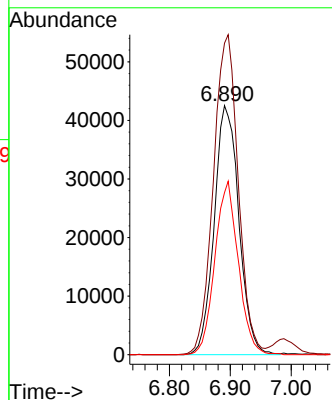
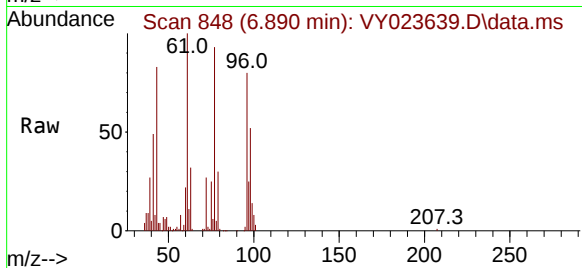
Tgt Ion: 96 Resp: 119707

Ion Ratio Lower Upper

96 100

61 129.6 0.0 258.2

98 66.1 0.0 132.0



#28

Bromochloromethane

Concen: 22.475 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

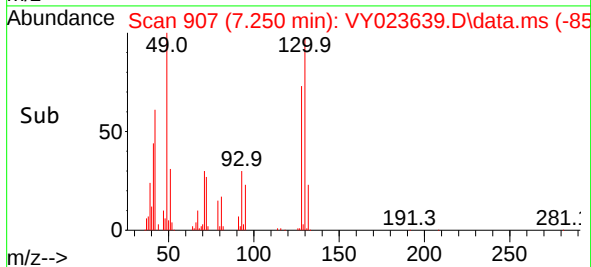
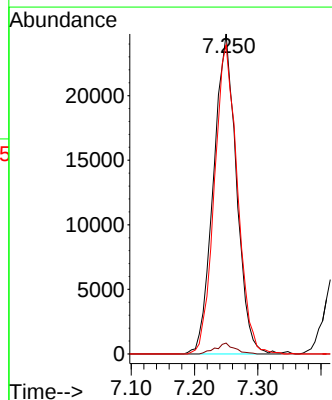
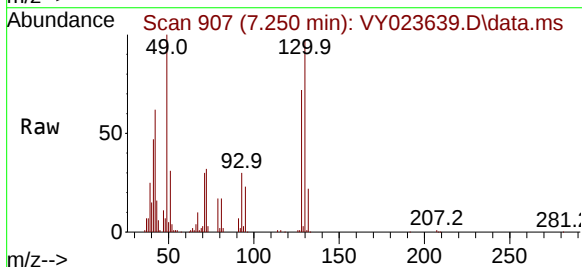
Tgt Ion: 49 Resp: 62405

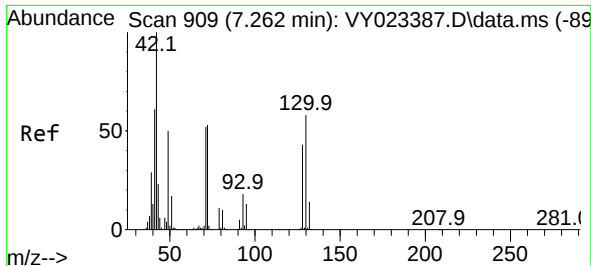
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.6

130 96.4 81.9 122.9





#29

Tetrahydrofuran

Concen: 99.555 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBSD01

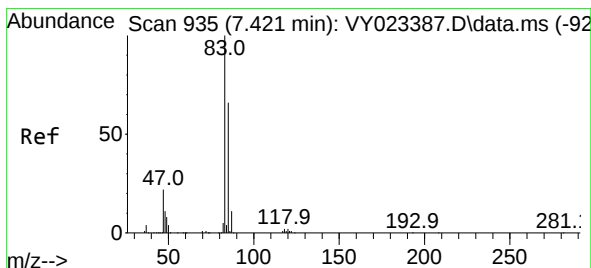
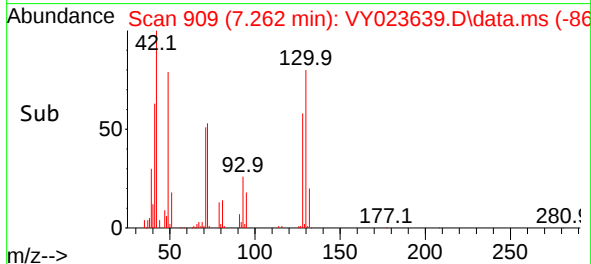
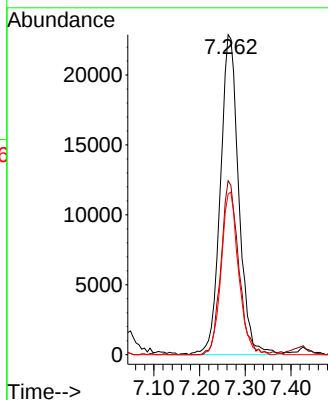
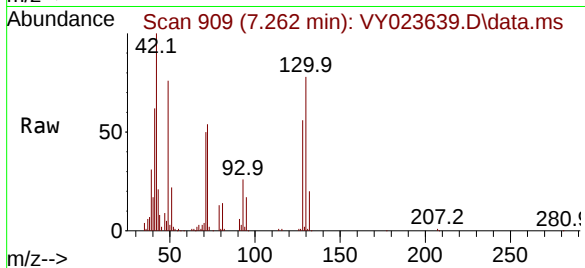
Tgt Ion: 42 Resp: 64067

Ion Ratio Lower Upper

42 100

72 52.3 43.0 64.6

71 48.3 40.1 60.1



#30

Chloroform

Concen: 23.529 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023639.D

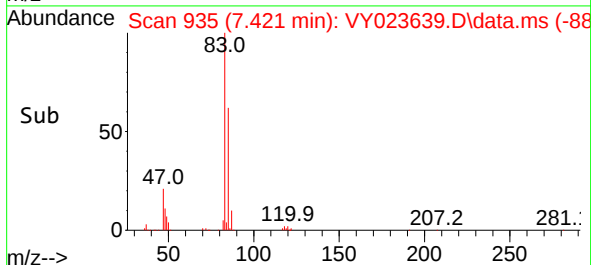
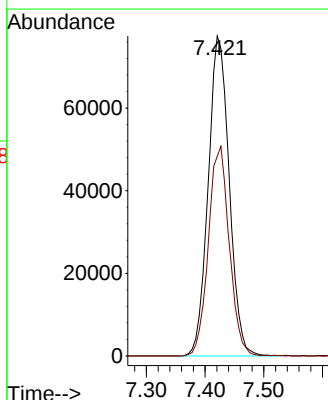
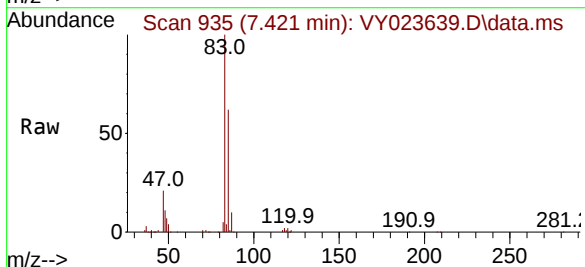
Acq: 31 Oct 2025 10:15

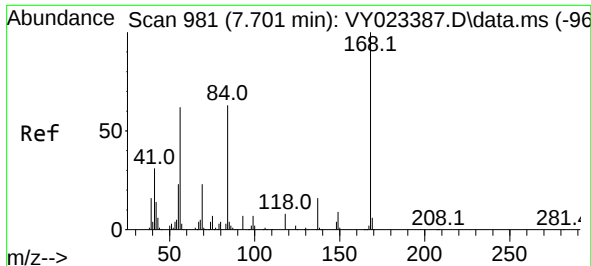
Tgt Ion: 83 Resp: 192275

Ion Ratio Lower Upper

83 100

85 62.4 52.5 78.7

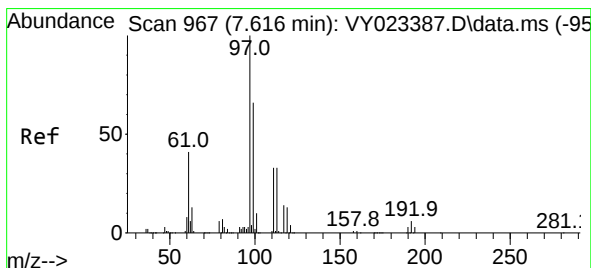
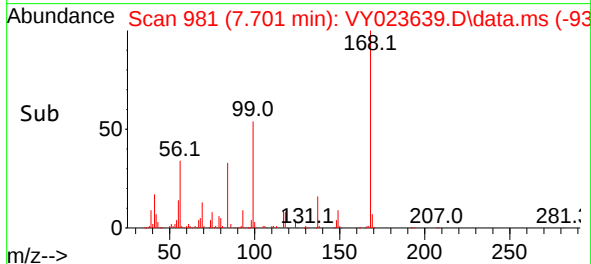
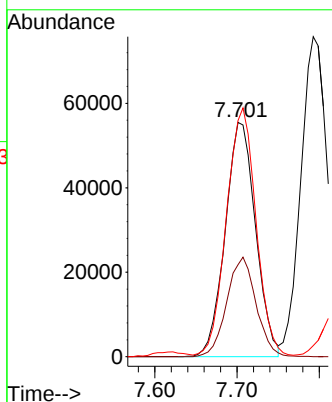
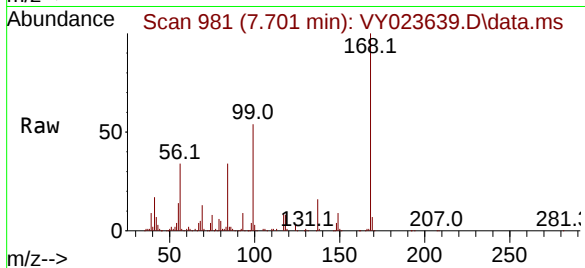




#31
Cyclohexane
Concen: 21.962 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

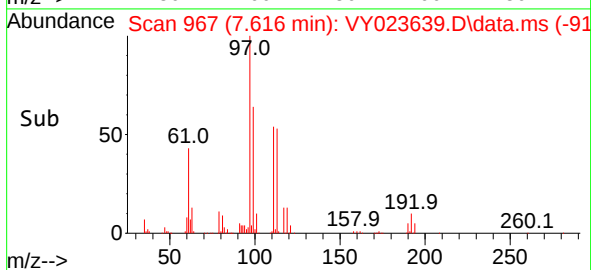
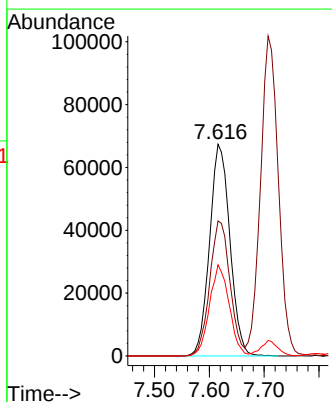
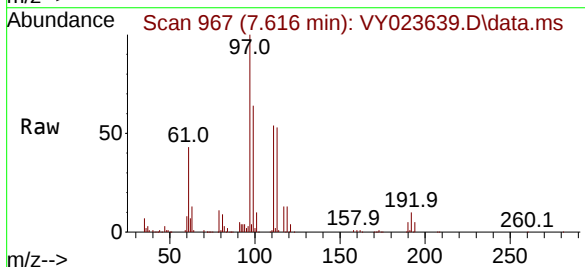
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

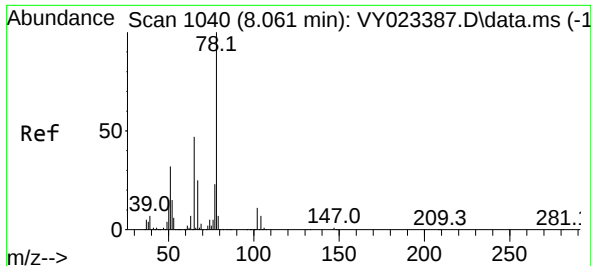
Tgt Ion: 56 Resp: 142654
Ion Ratio Lower Upper
56 100
69 39.3 30.0 45.0
84 99.3 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 23.357 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 97 Resp: 173454
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 41.6 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 48.039 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

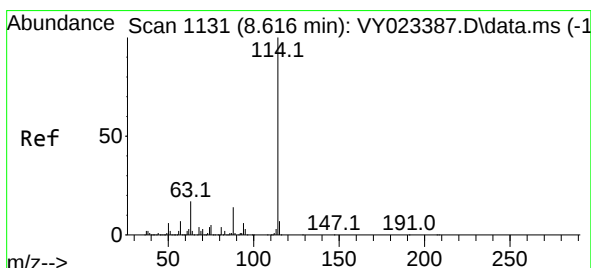
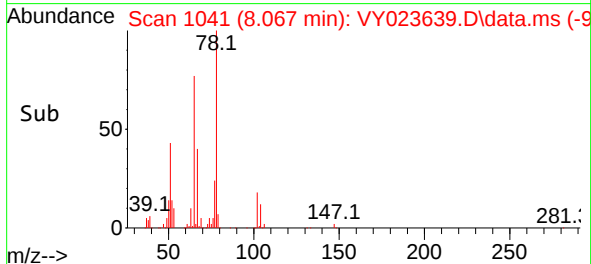
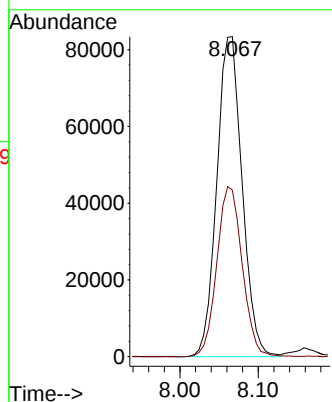
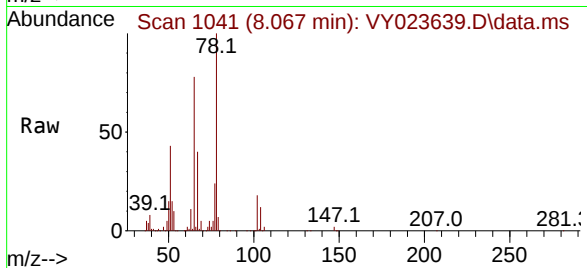
VY1031SBSD01

Tgt Ion: 65 Resp: 187572

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

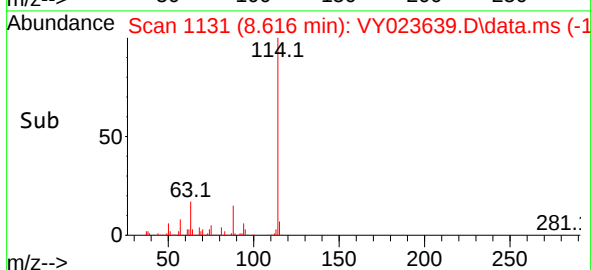
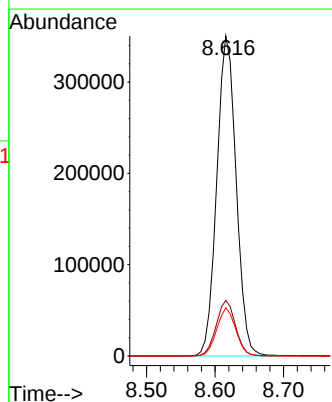
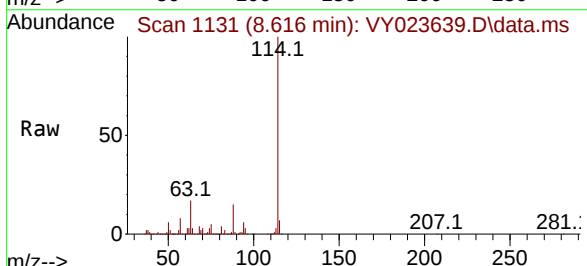
Tgt Ion:114 Resp: 685905

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.2

88 15.0 0.0 28.4

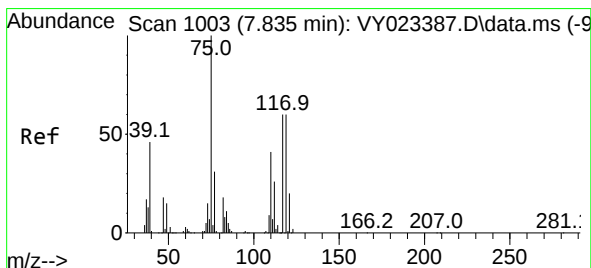
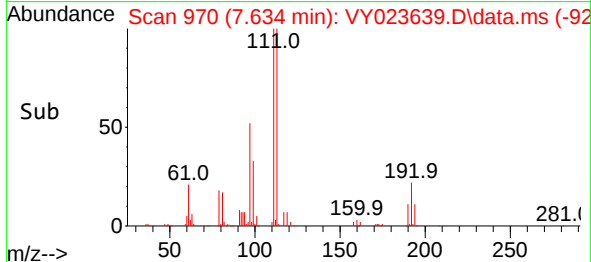
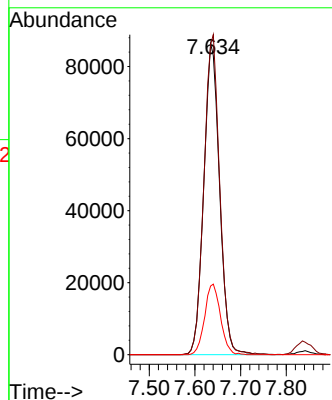
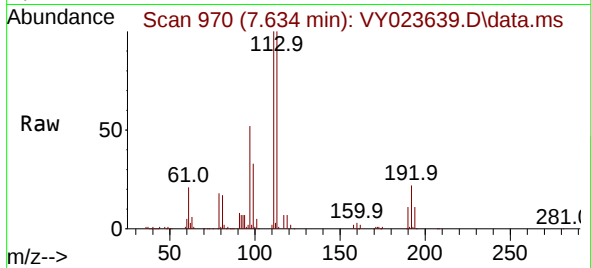




#35
Dibromofluoromethane
Concen: 49.242 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

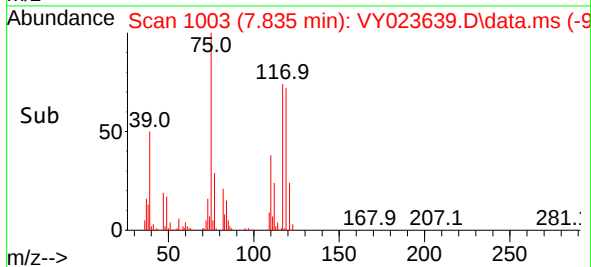
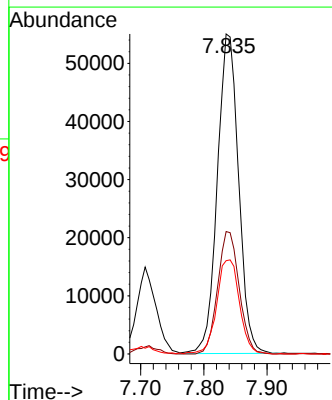
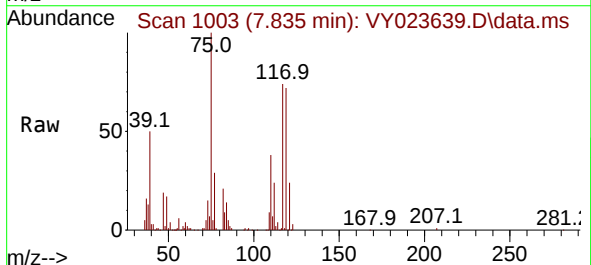
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

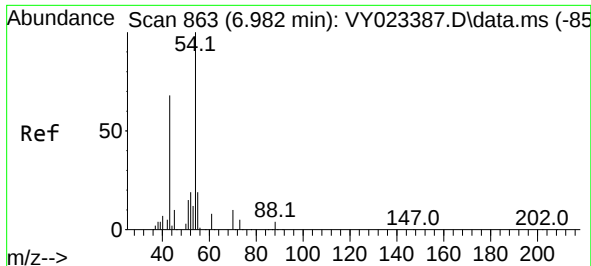
Tgt Ion:113 Resp: 207532
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 22.7 18.0 27.0



#36
1,1-Dichloropropene
Concen: 22.977 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 75 Resp: 128204
Ion Ratio Lower Upper
75 100
110 38.6 19.9 59.7
77 31.7 25.0 37.6

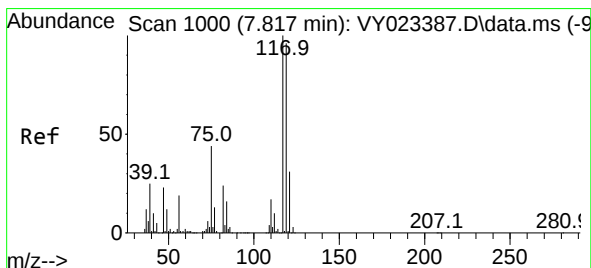
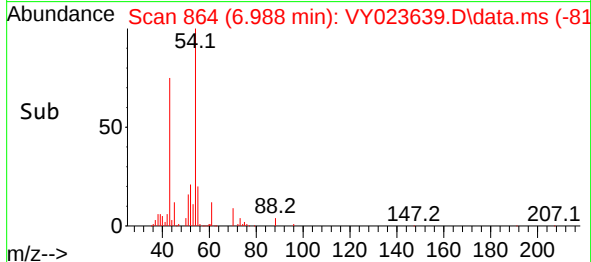
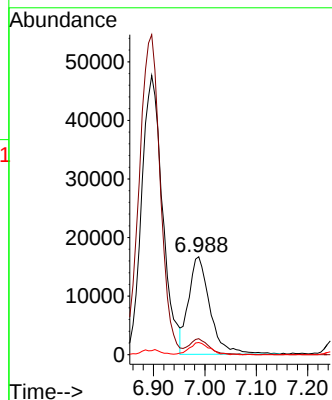
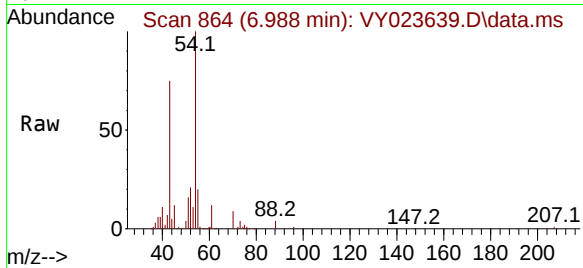




#37
Ethyl Acetate
Concen: 21.779 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

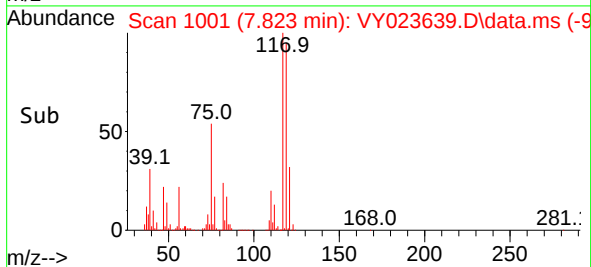
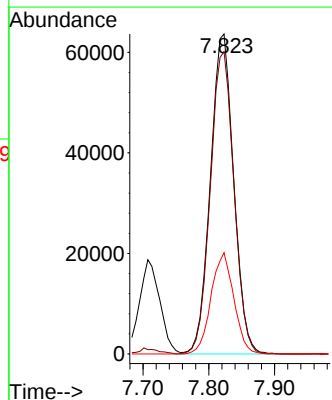
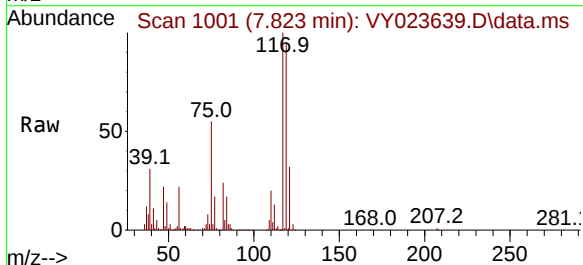
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion: 43 Resp: 48143
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.8
70 11.6 10.5 15.7



#38
Carbon Tetrachloride
Concen: 23.260 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 117 Resp: 157367
Ion Ratio Lower Upper
117 100
119 94.5 76.8 115.2
121 31.7 24.5 36.7





#39

Methylcyclohexane

Concen: 21.953 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBSD01

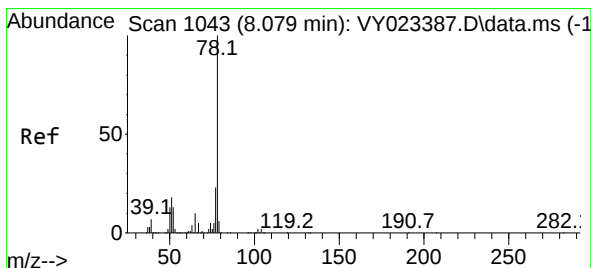
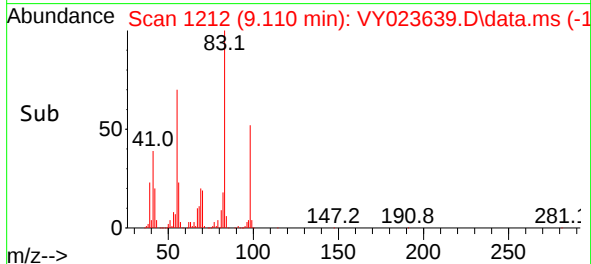
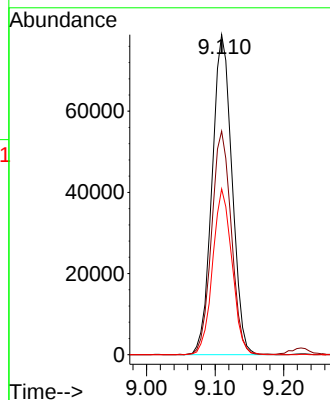
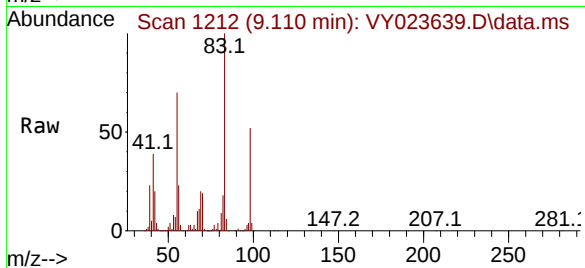
Tgt Ion: 83 Resp: 159481

Ion Ratio Lower Upper

83 100

55 69.7 51.4 77.2

98 51.8 40.4 60.6



#40

Benzene

Concen: 23.231 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023639.D

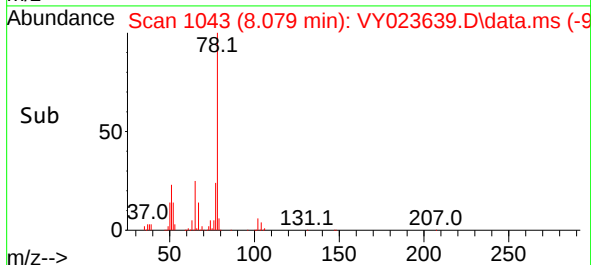
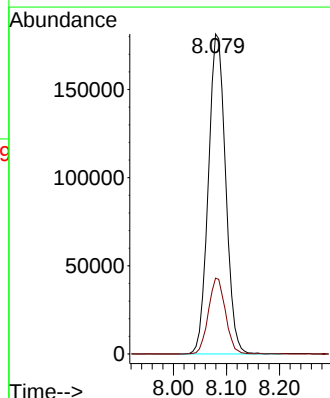
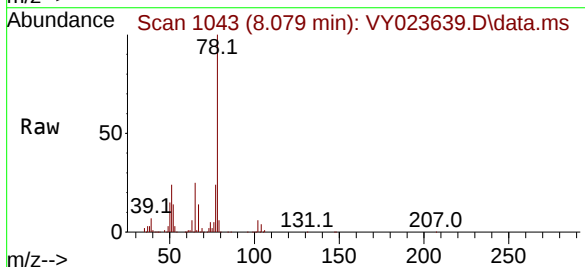
Acq: 31 Oct 2025 10:15

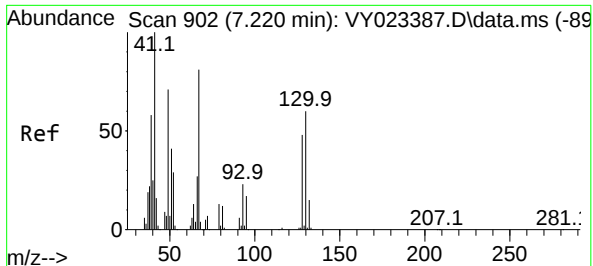
Tgt Ion: 78 Resp: 410500

Ion Ratio Lower Upper

78 100

77 23.7 18.3 27.5

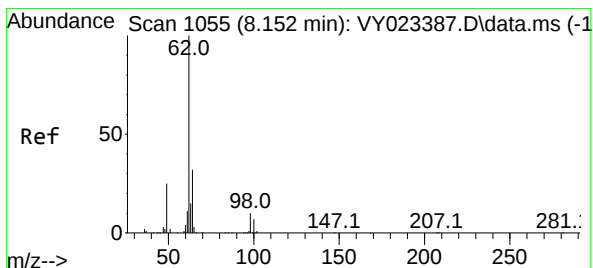
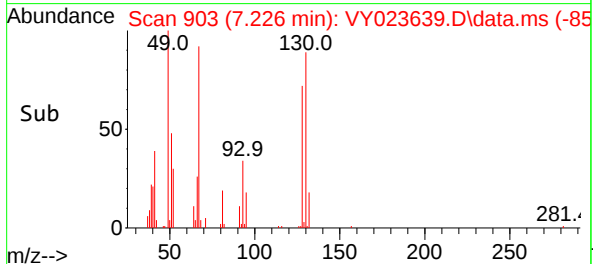
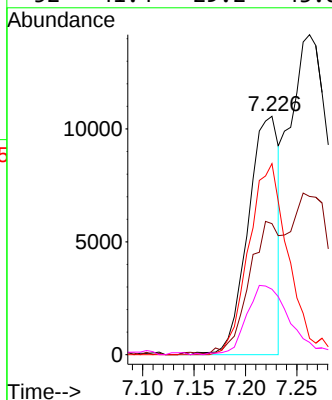
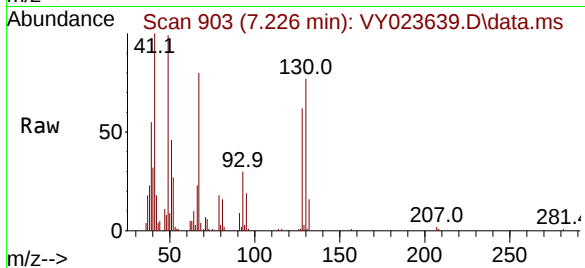




#41
Methacrylonitrile
Concen: 18.313 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

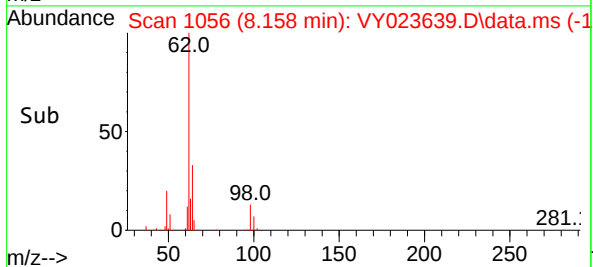
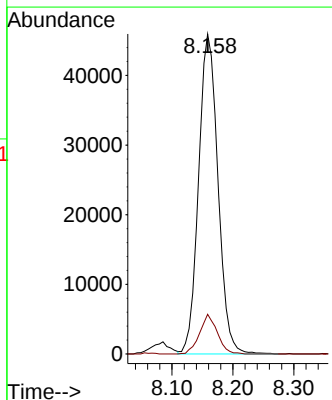
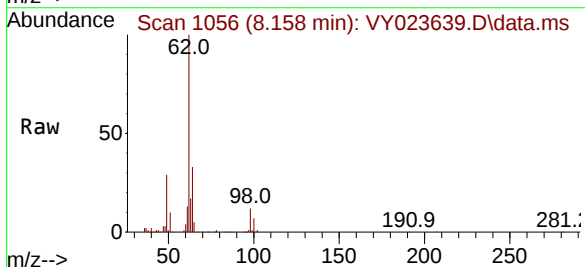
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

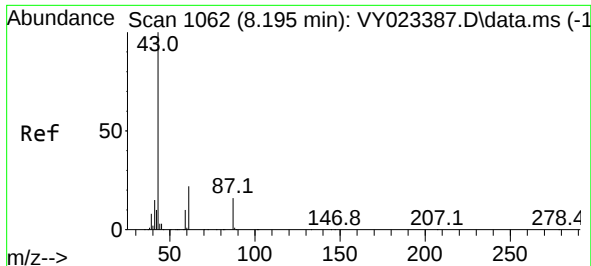
Tgt Ion:	41	Resp:	21894
Ion	Ratio	Lower	Upper
41	100		
39	53.2	52.2	78.4
67	104.7	74.9	112.3
52	41.4	29.2	43.8



#42
1,2-Dichloroethane
Concen: 22.299 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion:	62	Resp:	101620
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	21.6

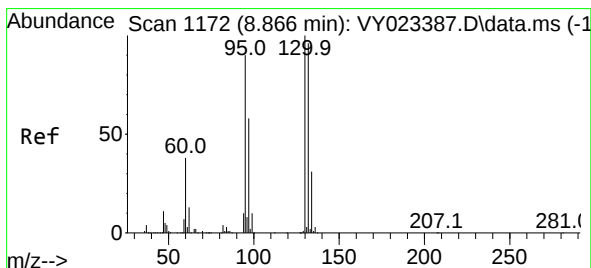
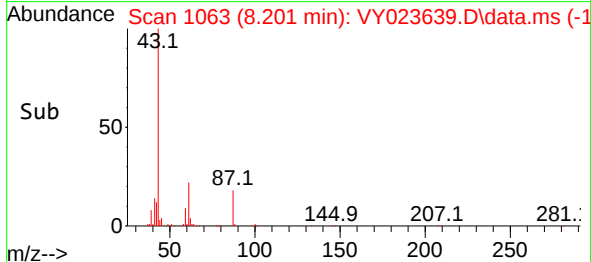
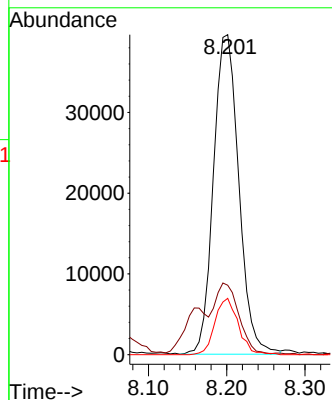
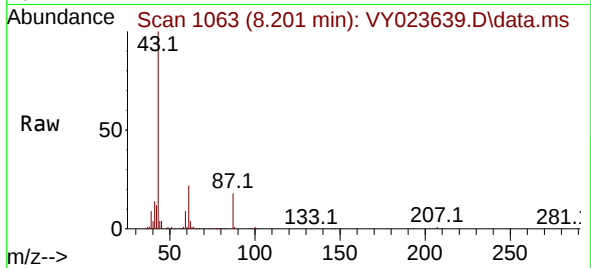




#43
Isopropyl Acetate
Concen: 20.199 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

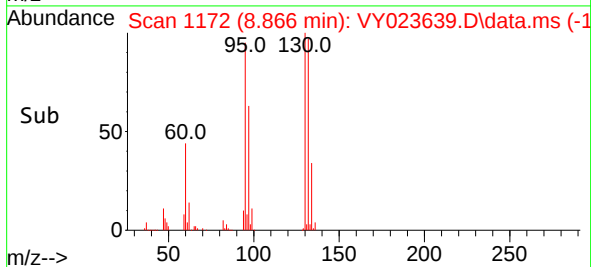
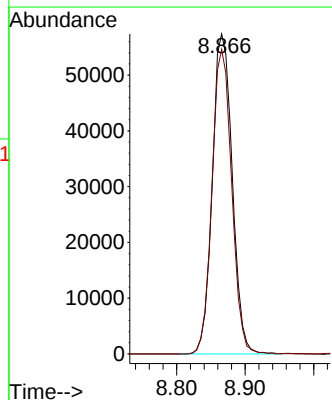
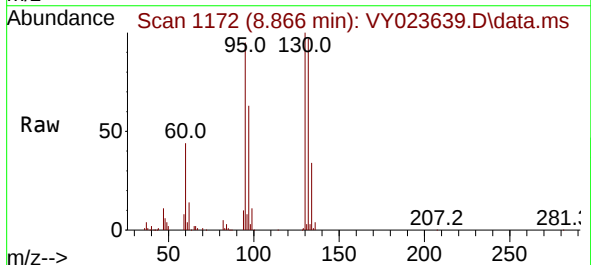
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBS01

Tgt Ion: 43 Resp: 89033
Ion Ratio Lower Upper
43 100
61 21.0 18.1 27.1
87 16.3 13.5 20.3



#44
Trichloroethene
Concen: 22.325 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion:130 Resp: 115460
Ion Ratio Lower Upper
130 100
95 95.2 0.0 180.6





#45

1,2-Dichloropropane

Concen: 23.352 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

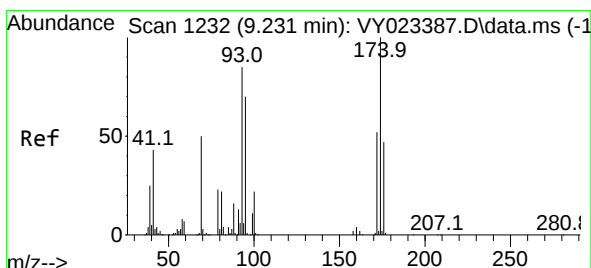
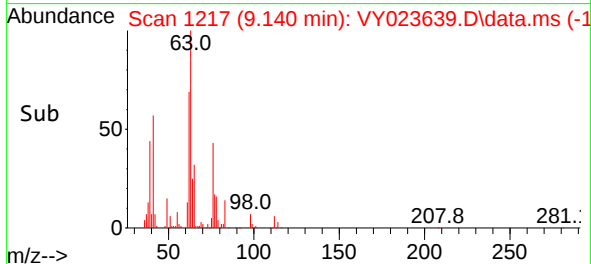
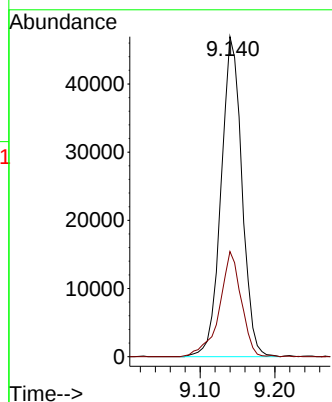
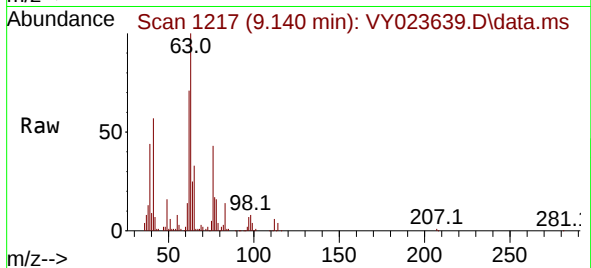
VY1031SBSD01

Tgt Ion: 63 Resp: 91141

Ion Ratio Lower Upper

63 100

65 32.8 24.9 37.3



#46

Dibromomethane

Concen: 22.295 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

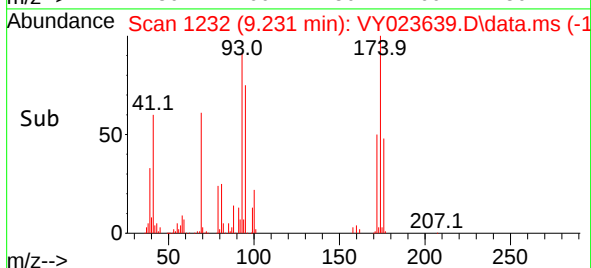
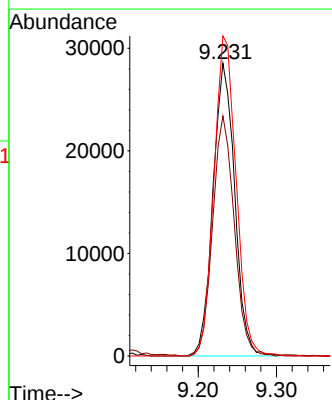
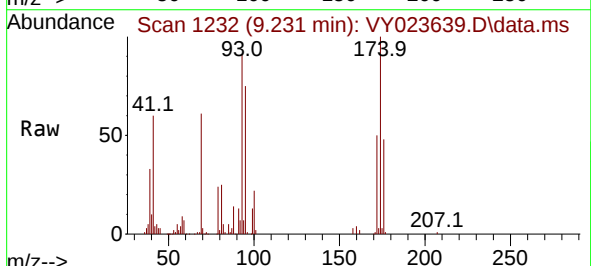
Tgt Ion: 93 Resp: 55022

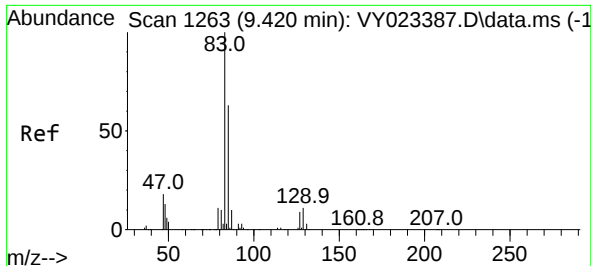
Ion Ratio Lower Upper

93 100

95 81.3 65.4 98.0

174 111.6 92.9 139.3

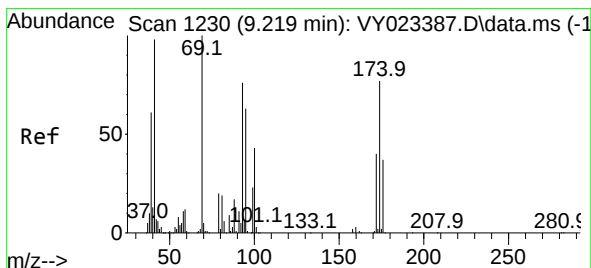
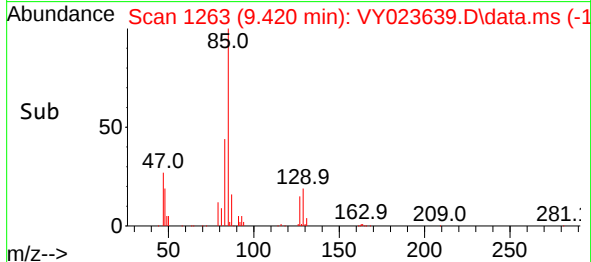
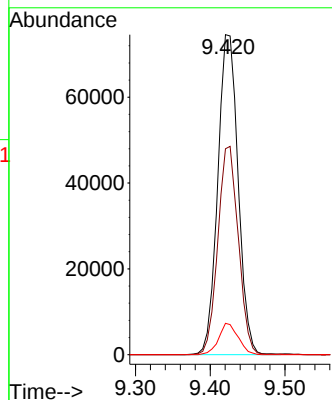
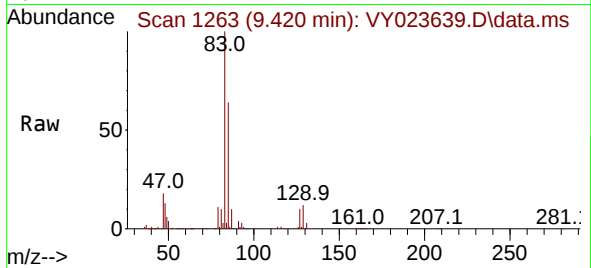




#47
Bromodichloromethane
Concen: 22.761 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

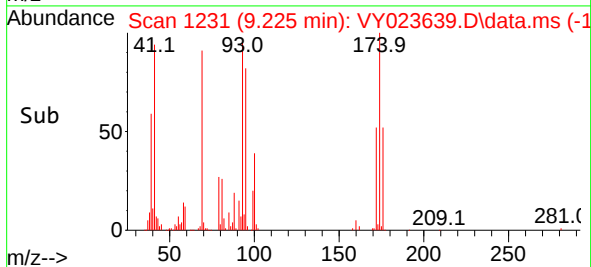
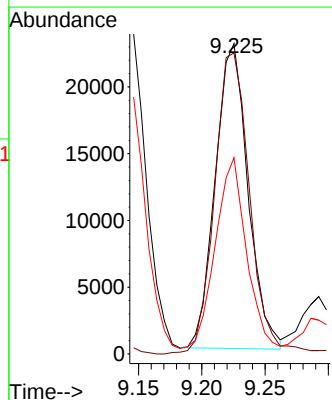
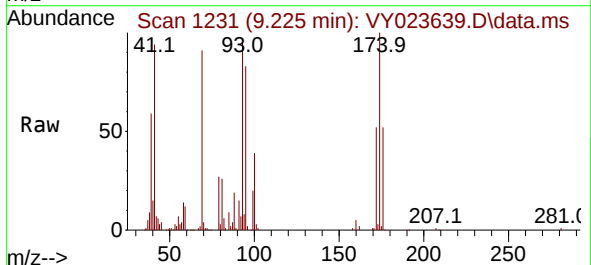
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

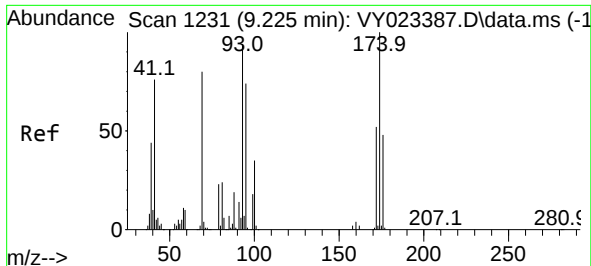
Tgt Ion: 83 Resp: 141475
Ion Ratio Lower Upper
83 100
85 64.4 50.8 76.2
127 9.8 7.4 11.2



#48
Methyl methacrylate
Concen: 19.832 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 41 Resp: 41066
Ion Ratio Lower Upper
41 100
69 107.1 81.0 121.4
39 59.3 48.2 72.4





#49

1,4-Dioxane

Concen: 366.884 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBSD01

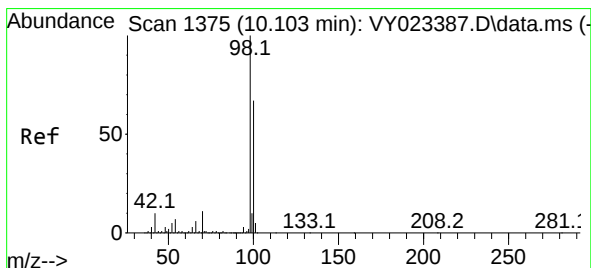
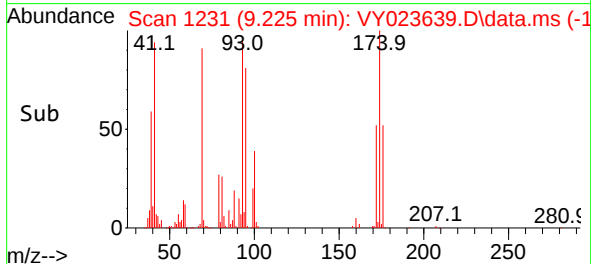
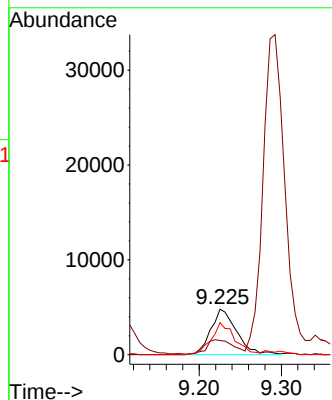
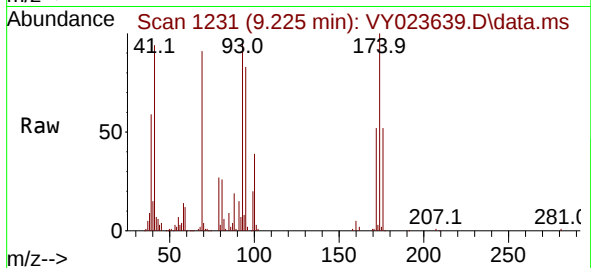
Tgt Ion: 88 Resp: 10498

Ion Ratio Lower Upper

88 100

43 31.1 21.8 32.8

58 63.8 46.8 70.2



#50

Toluene-d8

Concen: 49.349 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023639.D

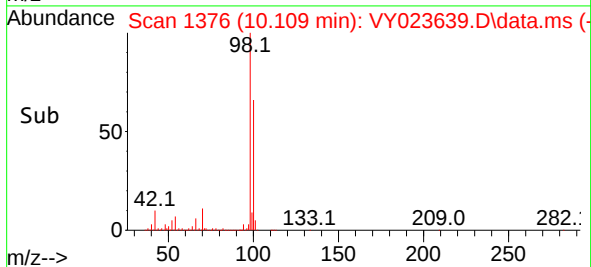
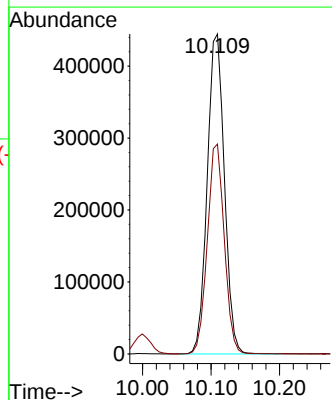
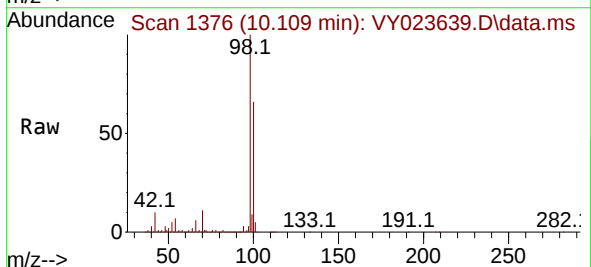
Acq: 31 Oct 2025 10:15

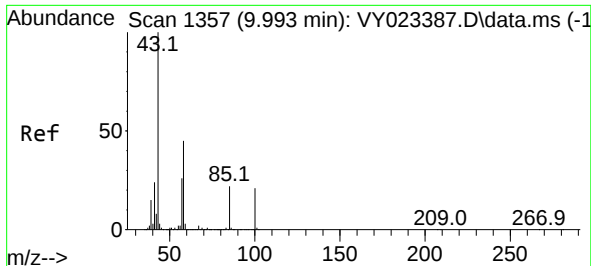
Tgt Ion: 98 Resp: 774555

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.4

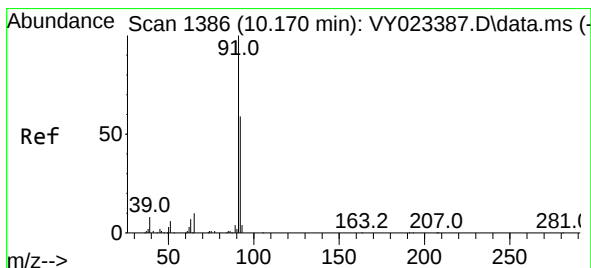
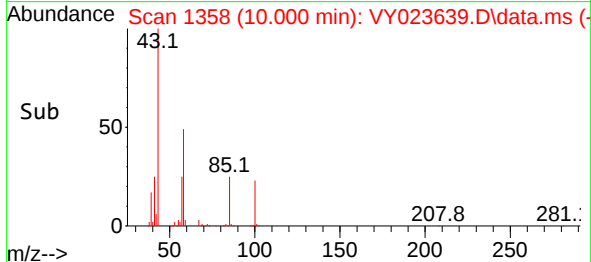
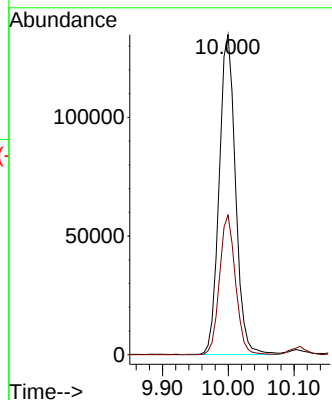
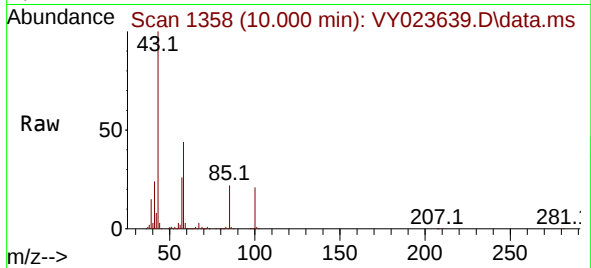




#51
4-Methyl-2-Pentanone
Concen: 102.439 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

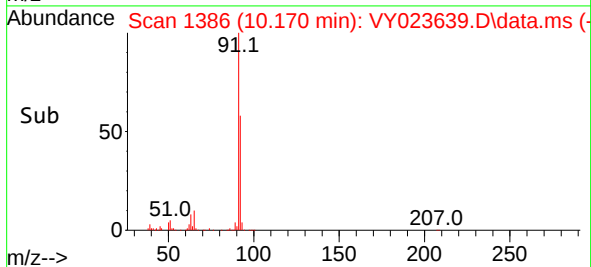
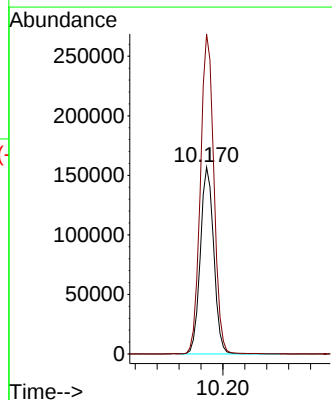
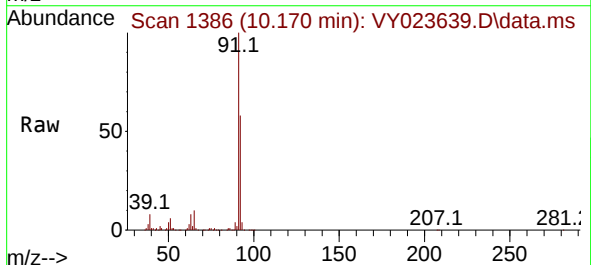
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

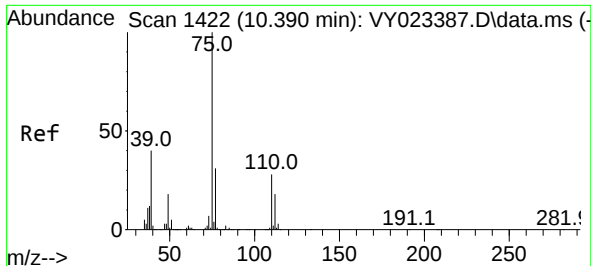
Tgt Ion: 43 Resp: 233290
Ion Ratio Lower Upper
43 100
58 42.6 35.3 52.9



#52
Toluene
Concen: 23.238 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 92 Resp: 266614
Ion Ratio Lower Upper
92 100
91 171.9 136.4 204.6

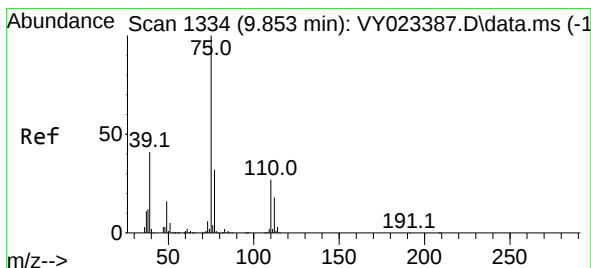
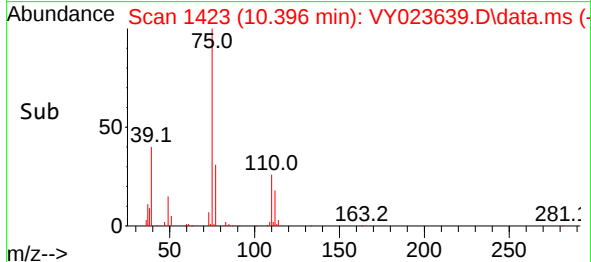
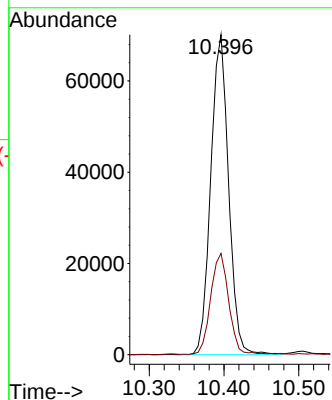
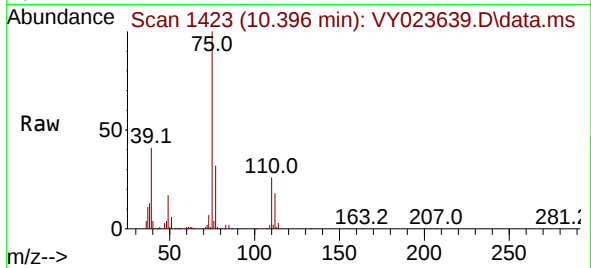




#53
 t-1,3-Dichloropropene
 Concen: 21.570 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023639.D
 Acq: 31 Oct 2025 10:15

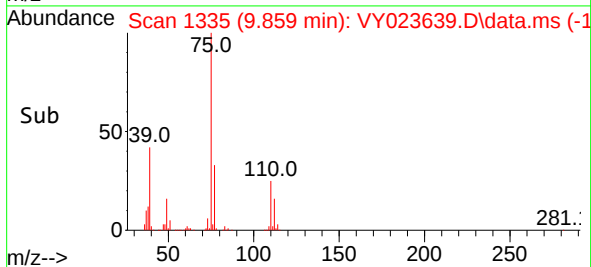
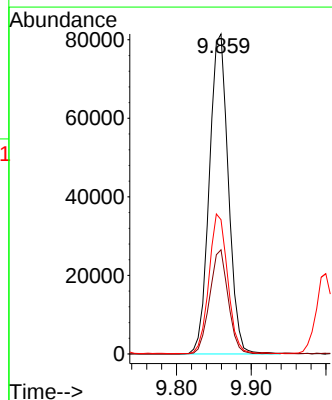
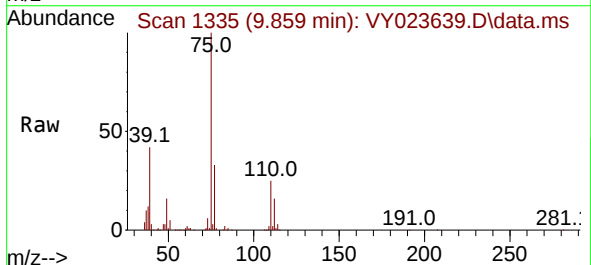
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBSD01

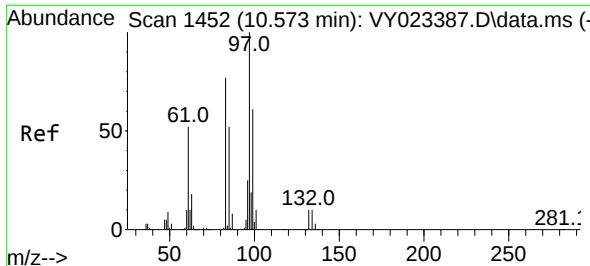
Tgt Ion: 75 Resp: 116574
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 22.546 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023639.D
 Acq: 31 Oct 2025 10:15

Tgt Ion: 75 Resp: 143811
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 39 41.8 32.8 49.2

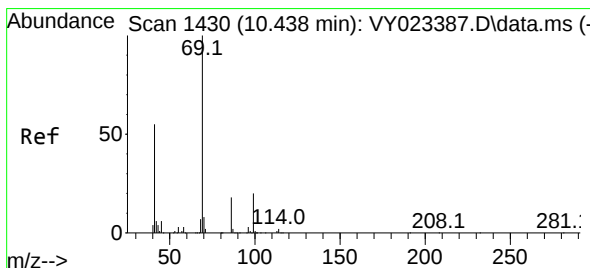
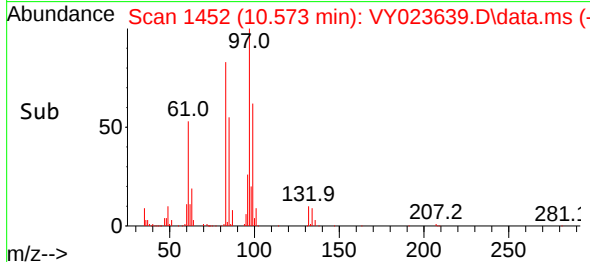
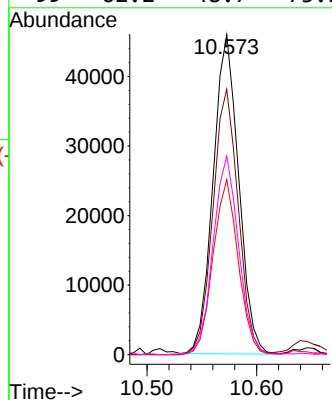
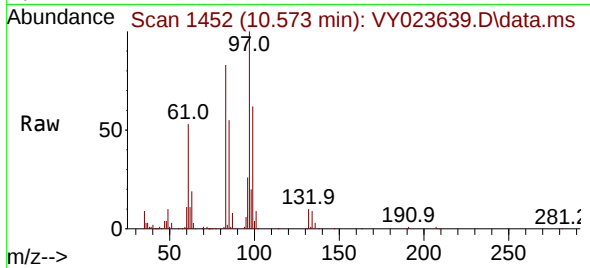




#55
1,1,2-Trichloroethane
Concen: 22.395 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

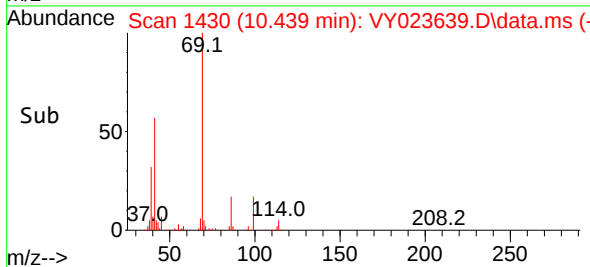
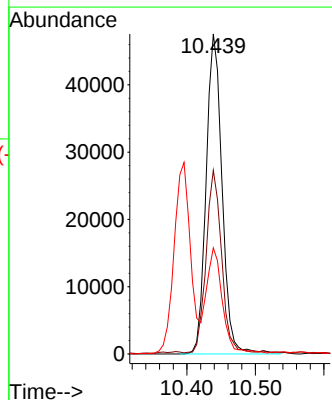
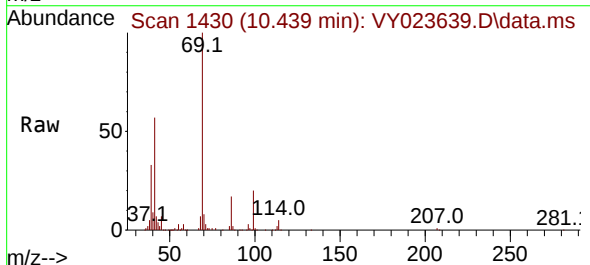
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

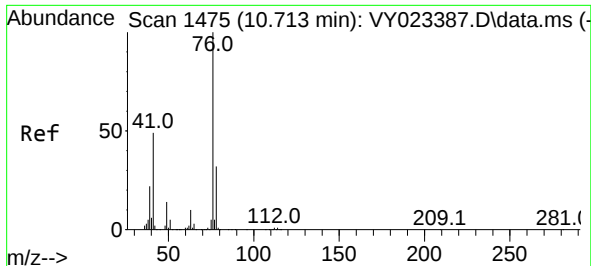
Tgt Ion: 97	Resp: 74325
Ion Ratio	Lower Upper
97 100	
83 83.3	61.8 92.6
85 54.9	41.3 61.9
99 62.2	48.7 73.1



#56
Ethyl methacrylate
Concen: 20.137 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 69	Resp: 77091
Ion Ratio	Lower Upper
69 100	
41 55.3	44.6 67.0
39 32.2	27.0 40.4





#57

1,3-Dichloropropane

Concen: 22.305 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

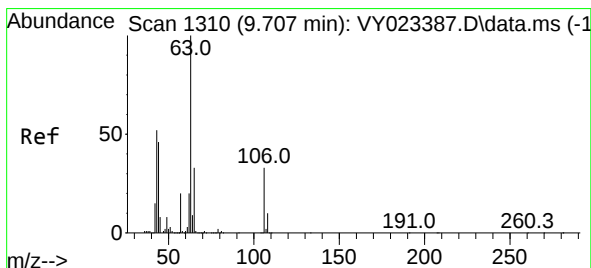
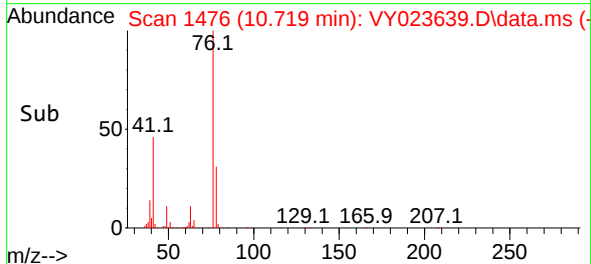
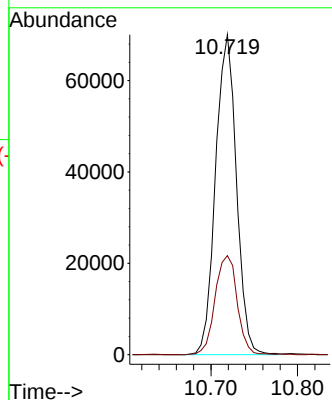
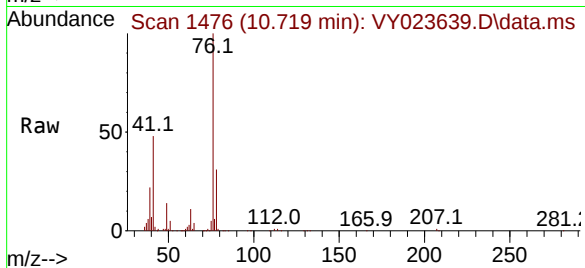
VY1031SBSD01

Tgt Ion: 76 Resp: 117303

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 100.697 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023639.D

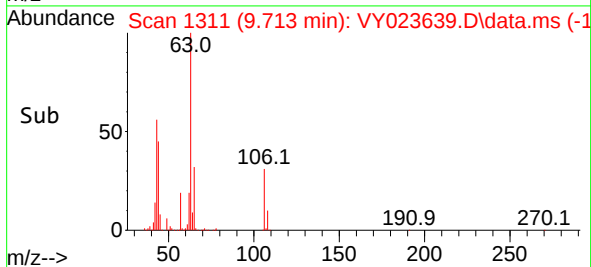
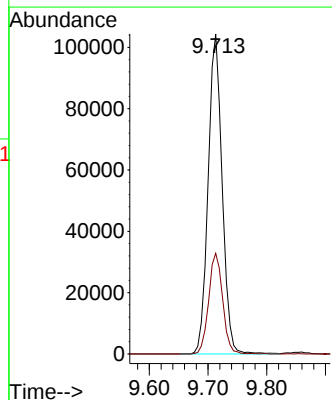
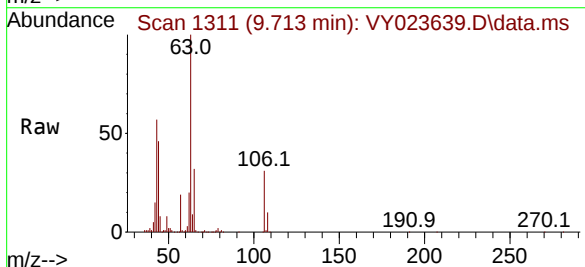
Acq: 31 Oct 2025 10:15

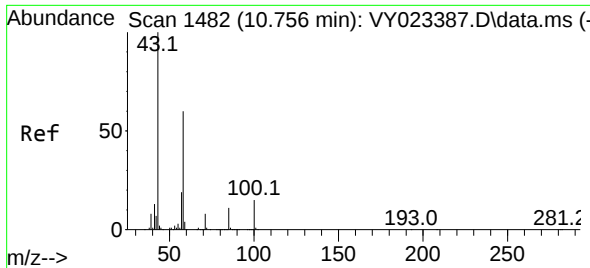
Tgt Ion: 63 Resp: 172691

Ion Ratio Lower Upper

63 100

106 31.4 26.6 39.8

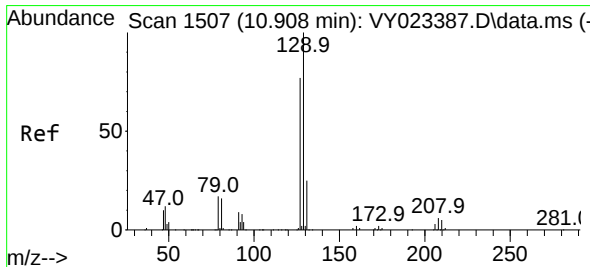
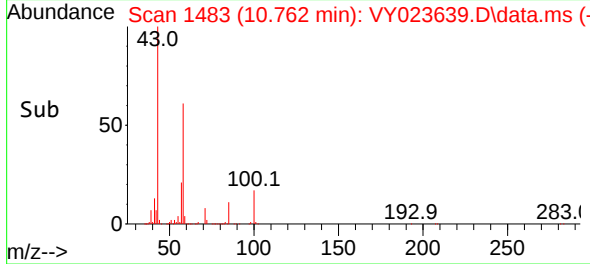
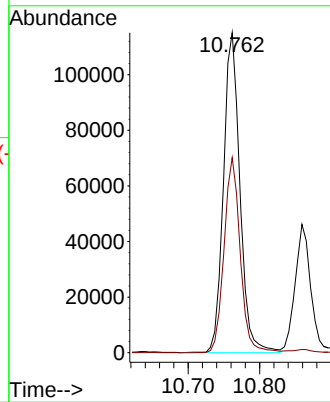
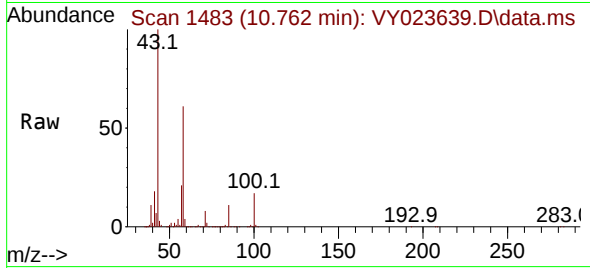




#59
2-Hexanone
Concen: 113.350 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

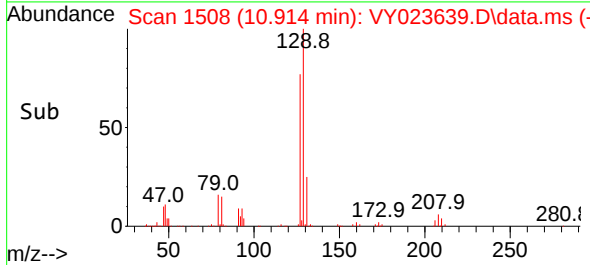
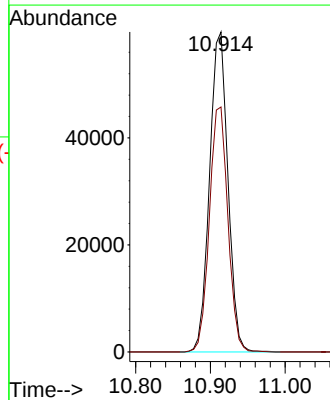
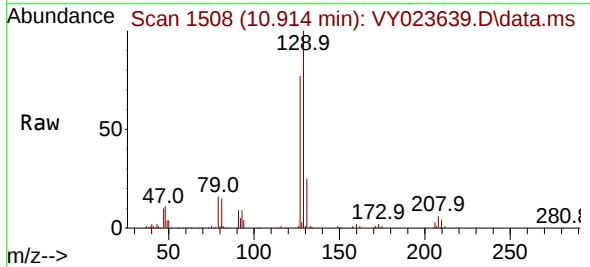
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

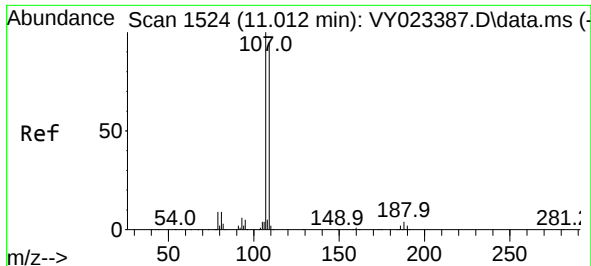
Tgt Ion: 43 Resp: 184477
Ion Ratio Lower Upper
43 100
58 59.7 30.5 91.5



#60
Dibromochloromethane
Concen: 21.932 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 129 Resp: 102047
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7

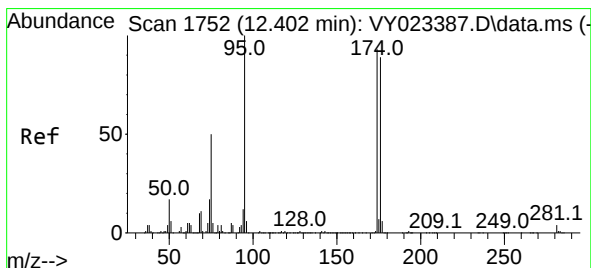
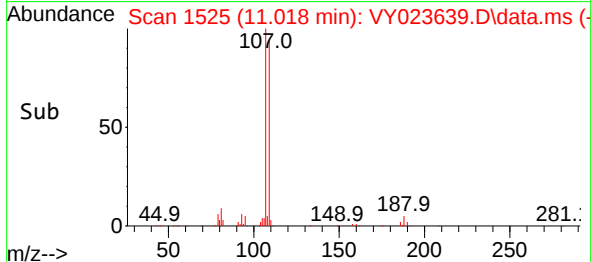
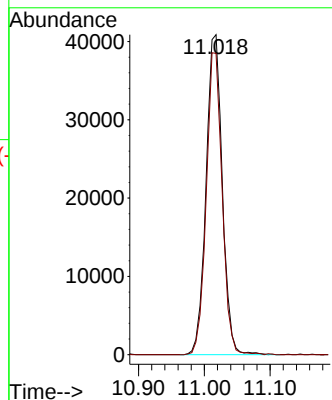
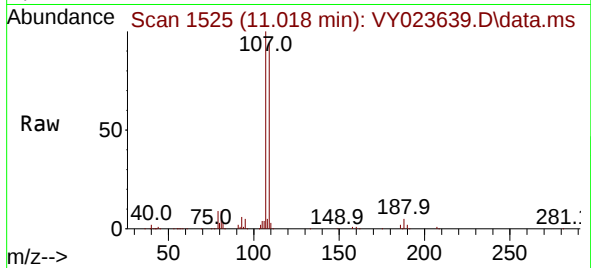




#61
1,2-Dibromoethane
Concen: 22.202 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

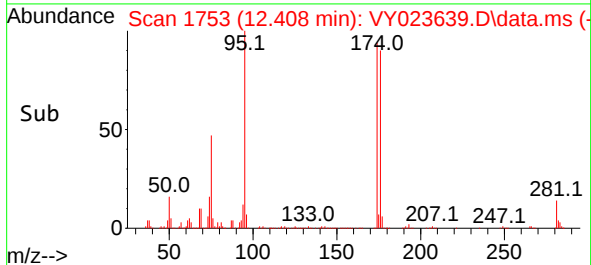
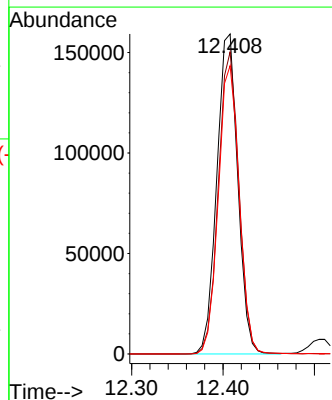
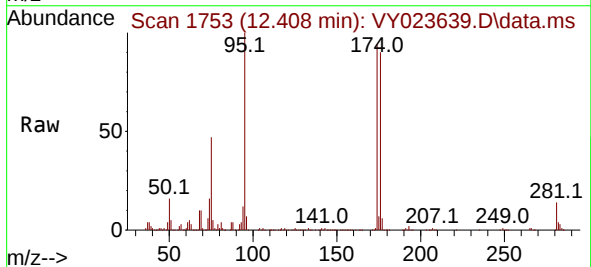
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

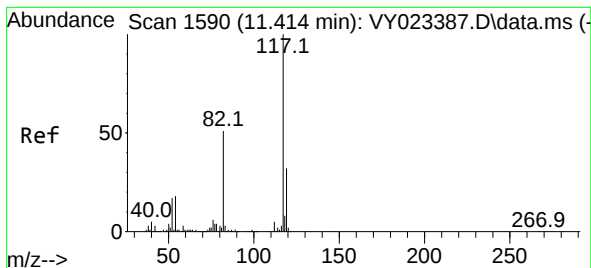
Tgt Ion:107 Resp: 70272
Ion Ratio Lower Upper
107 100
109 92.0 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 48.954 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 95 Resp: 253672
Ion Ratio Lower Upper
95 100
174 93.0 0.0 192.8
176 89.8 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBSD01

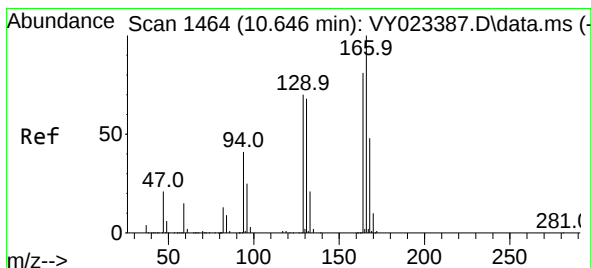
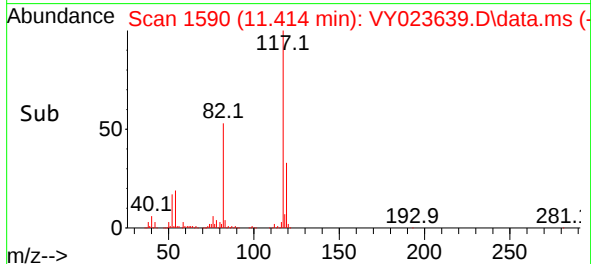
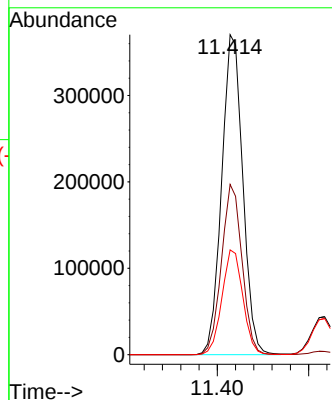
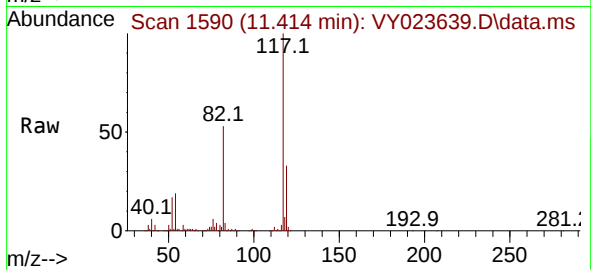
Tgt Ion:117 Resp: 593886

Ion Ratio Lower Upper

117 100

82 53.2 41.0 61.4

119 32.8 25.6 38.4



#64

Tetrachloroethene

Concen: 23.152 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Tgt Ion:164 Resp: 141971

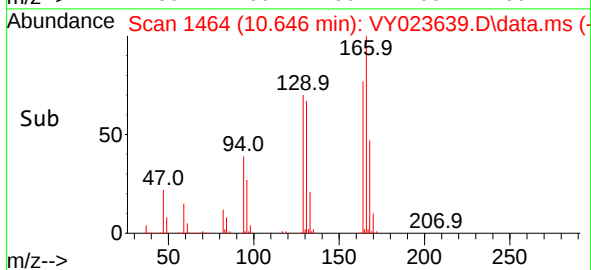
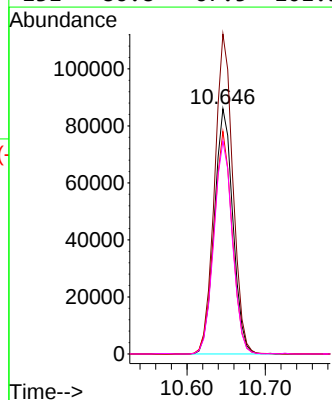
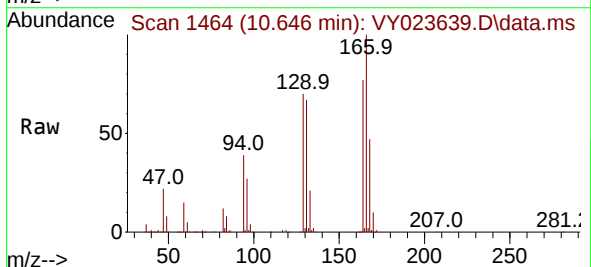
Ion Ratio Lower Upper

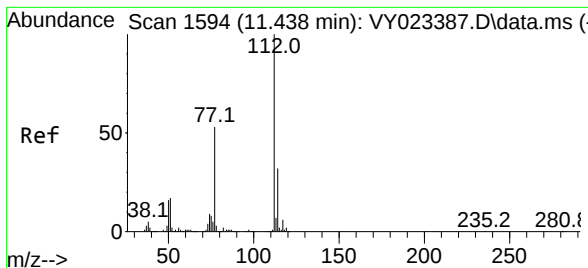
164 100

166 130.4 99.4 149.0

129 90.7 69.4 104.2

131 86.8 67.5 101.3

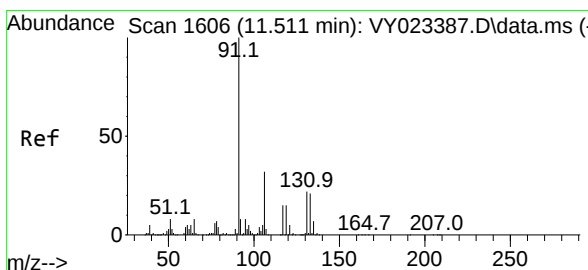
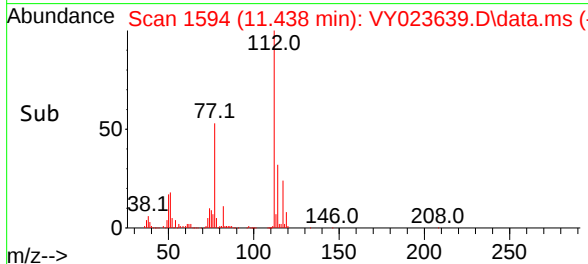
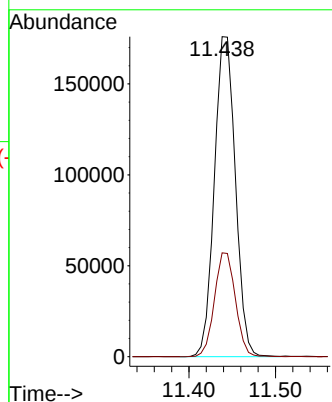
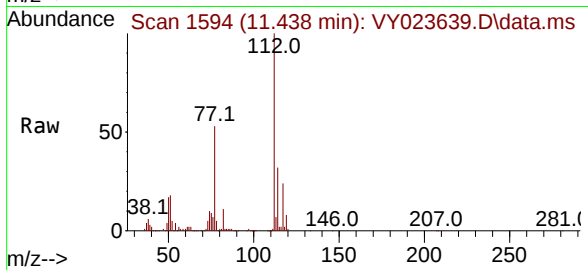




#65
Chlorobenzene
Concen: 23.010 ug/l
RT: 11.438 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

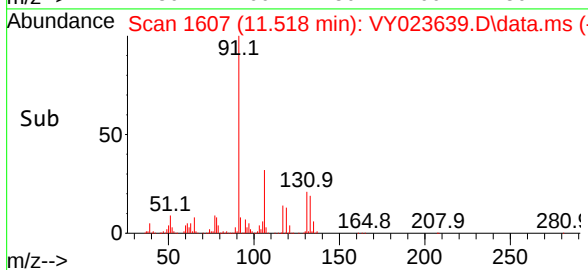
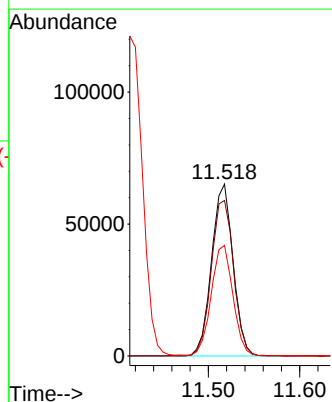
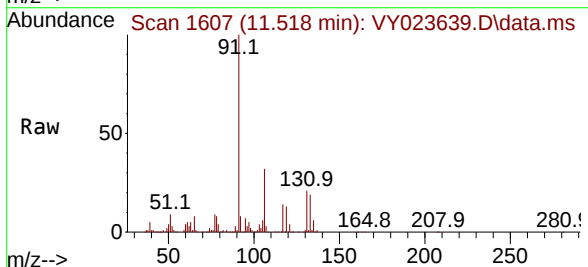
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

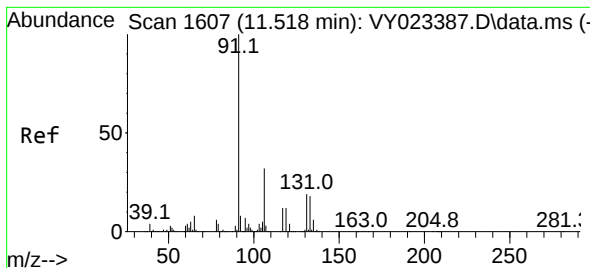
Tgt Ion:112 Resp: 297216
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 23.130 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion:131 Resp: 106464
Ion Ratio Lower Upper
131 100
133 94.3 48.4 145.2
119 65.0 32.4 97.2





#67

Ethyl Benzene

Concen: 22.944 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

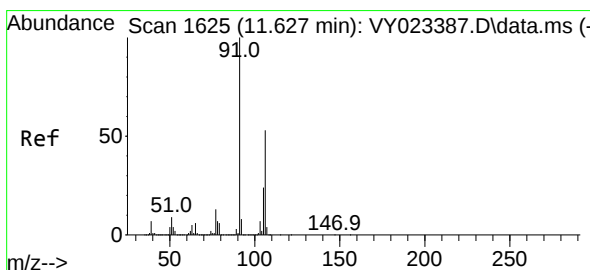
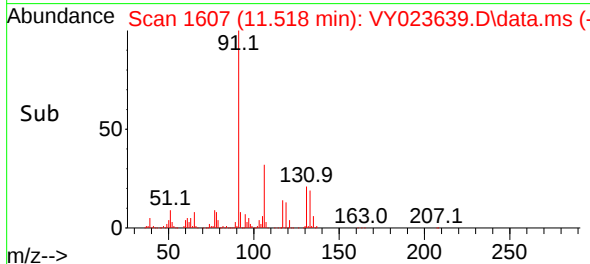
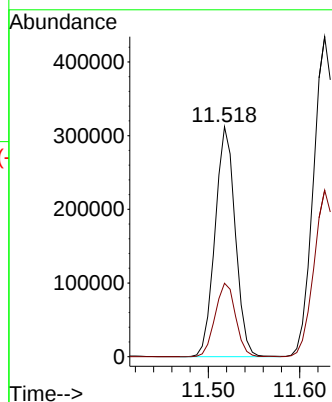
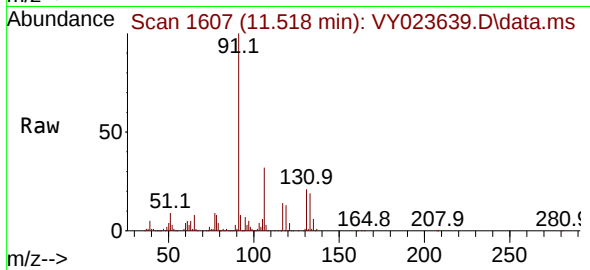
VY1031SBSD01

Tgt Ion: 91 Resp: 479712

Ion Ratio Lower Upper

91 100

106 32.0 25.8 38.8



#68

m/p-Xylenes

Concen: 46.659 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023639.D

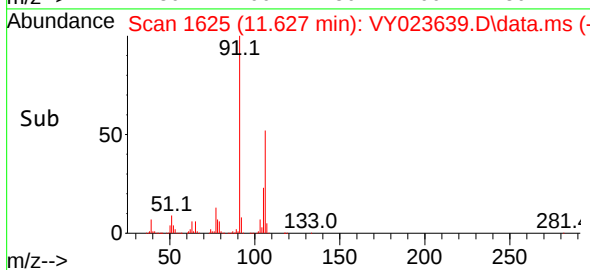
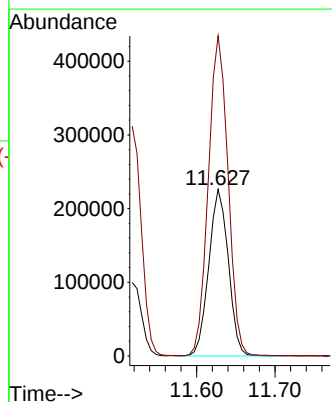
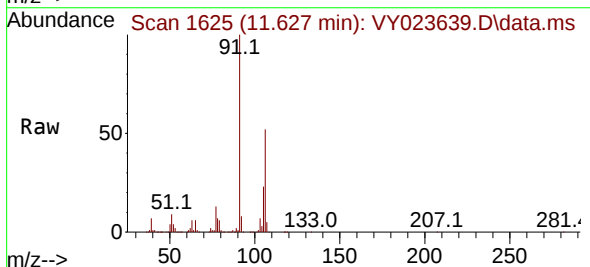
Acq: 31 Oct 2025 10:15

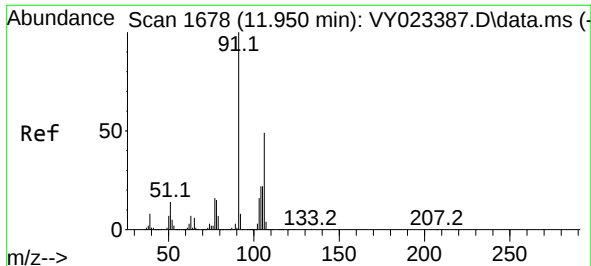
Tgt Ion:106 Resp: 391290

Ion Ratio Lower Upper

106 100

91 194.3 152.6 229.0

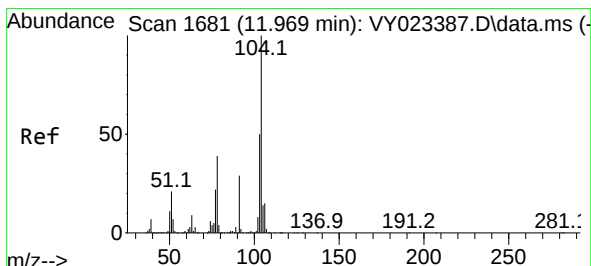
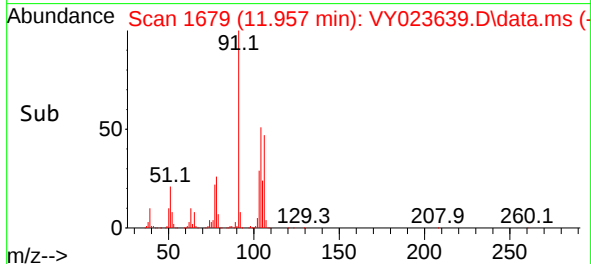
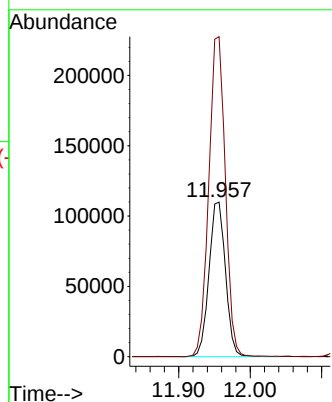
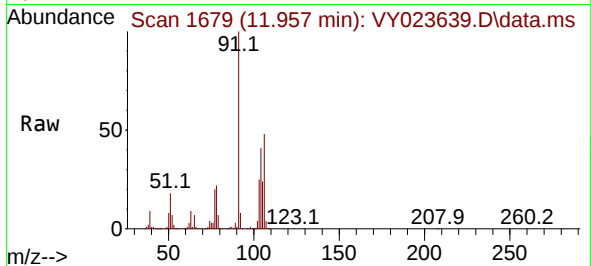




#69
o-Xylene
Concen: 22.364 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

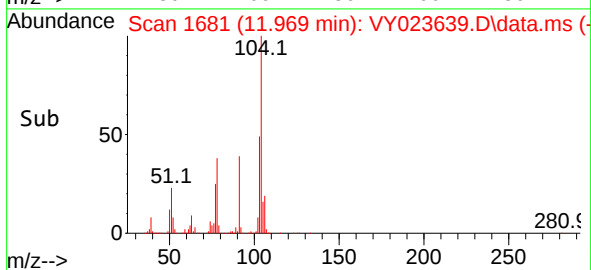
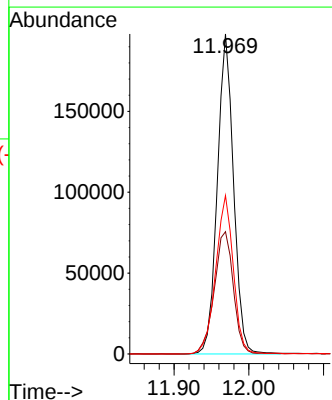
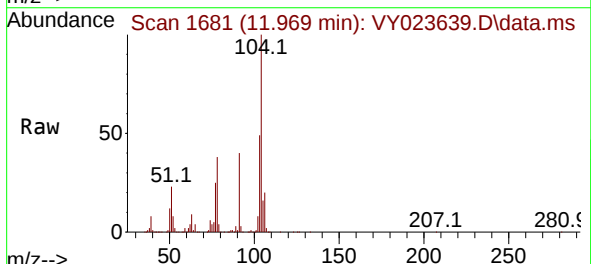
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

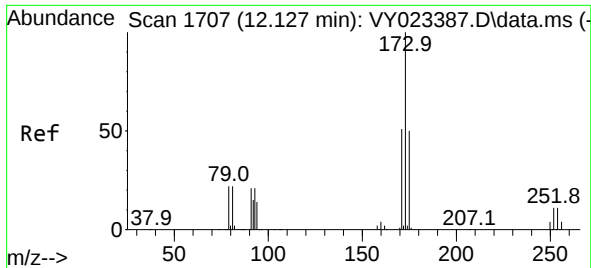
Tgt Ion:106 Resp: 175919
Ion Ratio Lower Upper
106 100
91 208.3 101.4 304.1



#70
Styrene
Concen: 23.083 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion:104 Resp: 298583
Ion Ratio Lower Upper
104 100
78 45.1 36.1 54.1
103 53.7 43.2 64.8

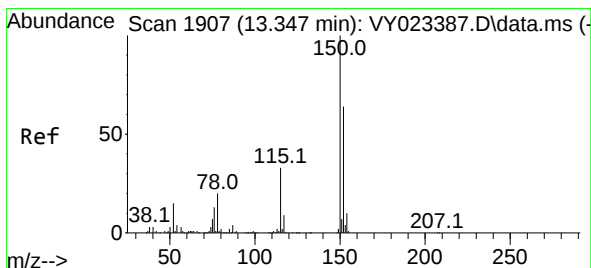
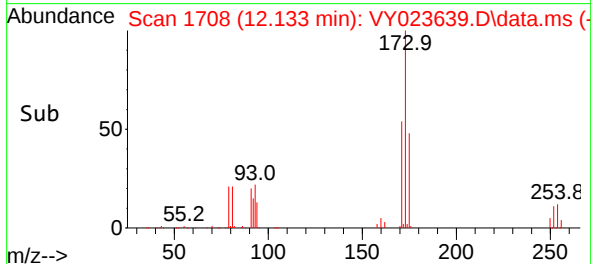
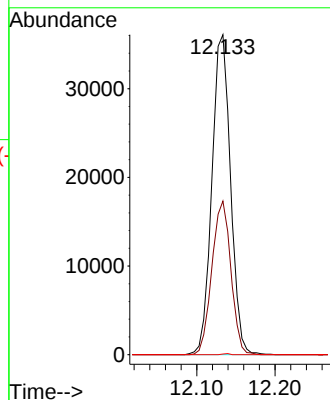
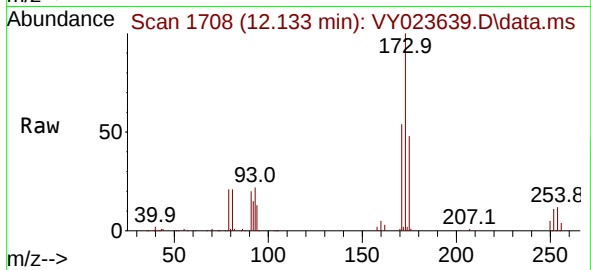




#71
Bromoform
Concen: 20.897 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

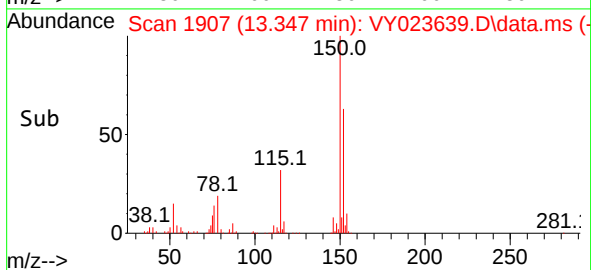
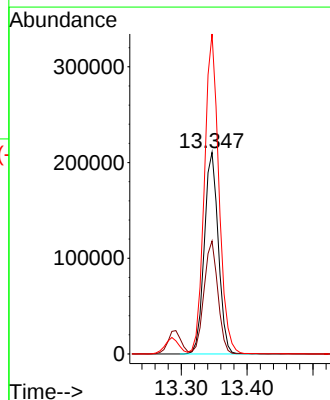
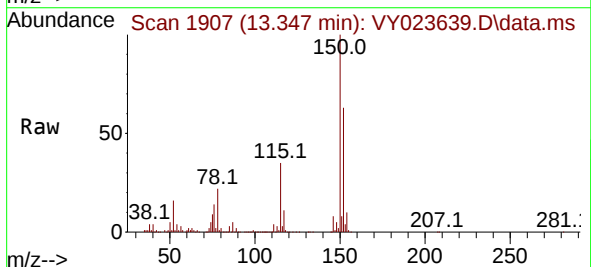
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

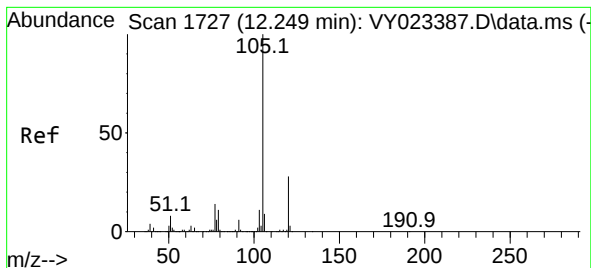
Tgt Ion:173 Resp: 59665
Ion Ratio Lower Upper
173 100
175 48.9 24.8 74.3
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion:152 Resp: 312078
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.2
150 164.0 0.0 347.4





#73

Isopropylbenzene

Concen: 23.393 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

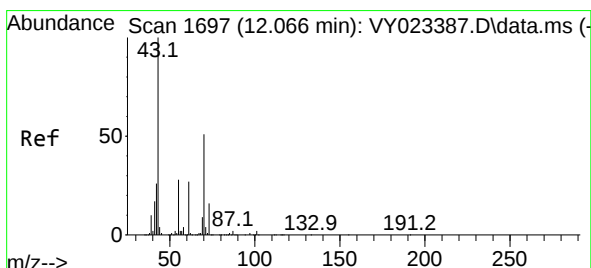
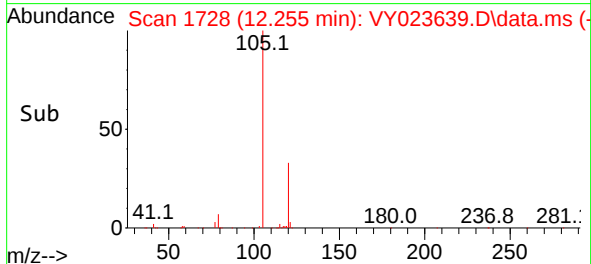
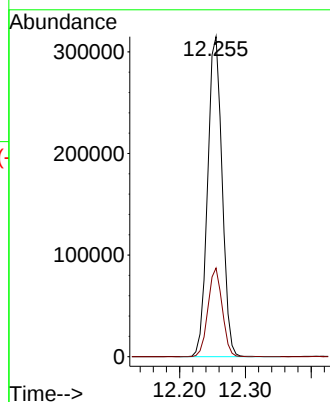
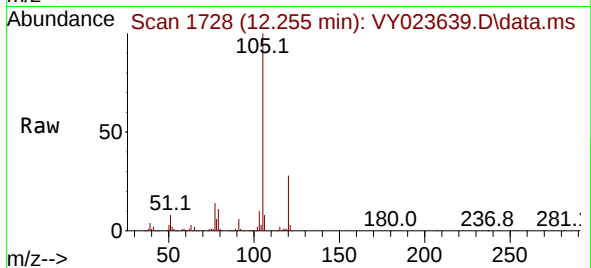
VY1031SBS01

Tgt Ion:105 Resp: 481110

Ion Ratio Lower Upper

105 100

120 27.2 13.9 41.7



#74

N-ethyl acetate

Concen: 19.559 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Tgt Ion: 43 Resp: 72251

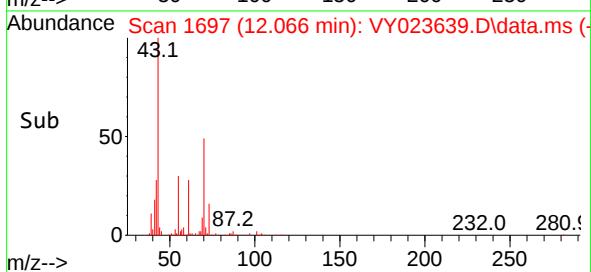
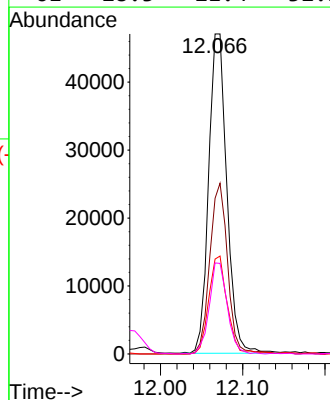
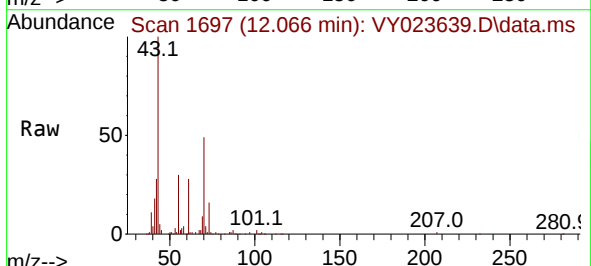
Ion Ratio Lower Upper

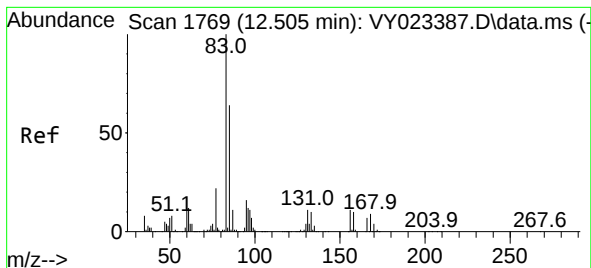
43 100

70 52.7 41.1 61.7

55 31.3 23.0 34.6

61 28.3 21.4 32.2

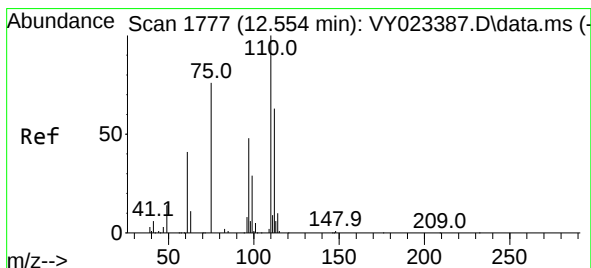
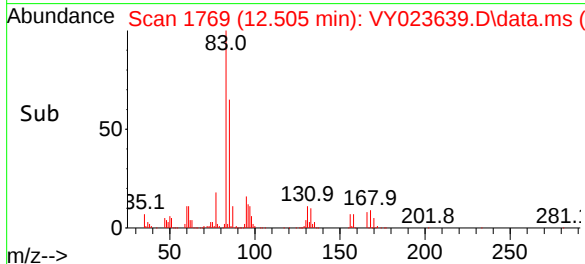
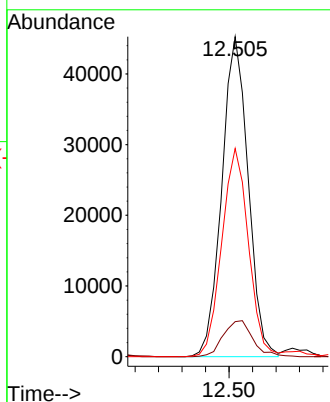
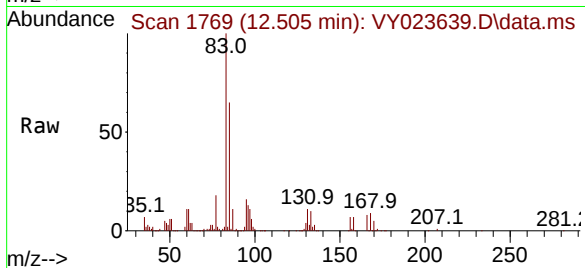




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.934 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY023639.D
 Acq: 31 Oct 2025 10:15

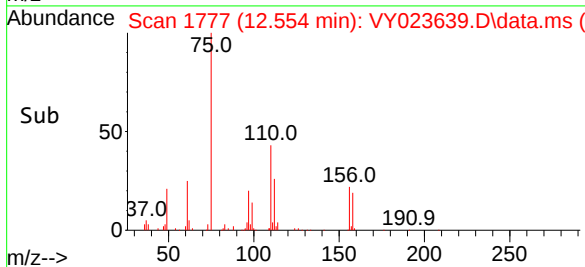
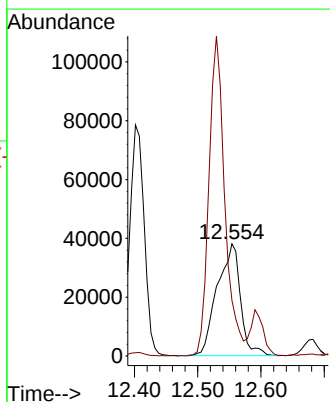
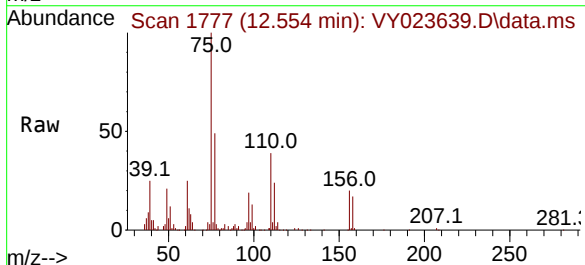
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBSD01

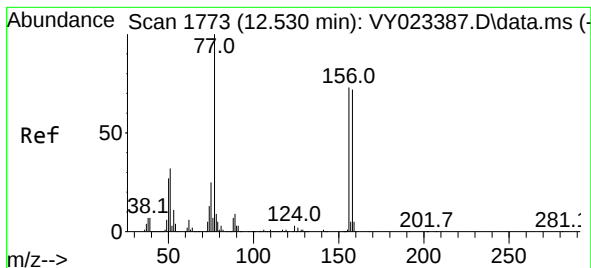
Tgt Ion: 83 Resp: 70417
 Ion Ratio Lower Upper
 83 100
 131 12.7 5.9 17.6
 85 65.8 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 35.221 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY023639.D
 Acq: 31 Oct 2025 10:15

Tgt Ion: 75 Resp: 96975
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.006 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBSD01

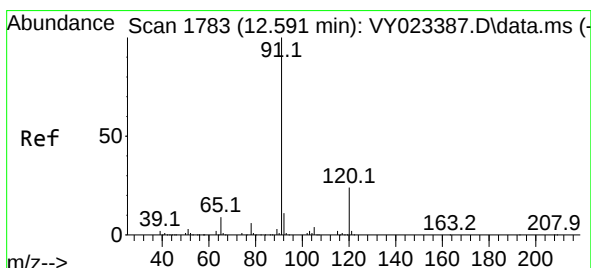
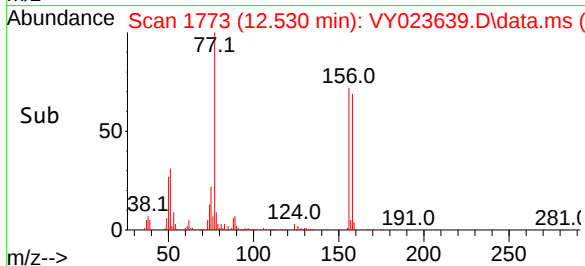
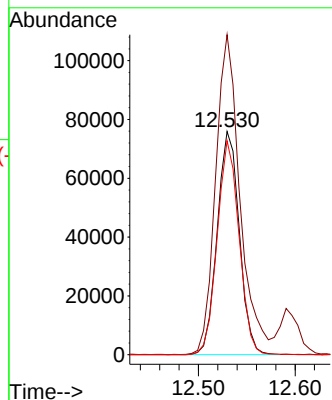
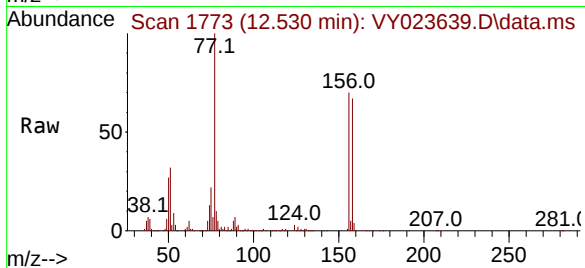
Tgt Ion:156 Resp: 120319

Ion Ratio Lower Upper

156 100

77 158.1 76.8 230.5

158 94.9 49.0 147.2



#78

n-propylbenzene

Concen: 23.828 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023639.D

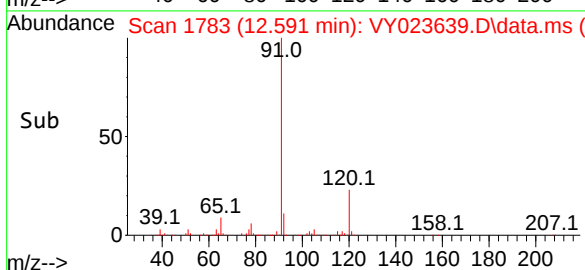
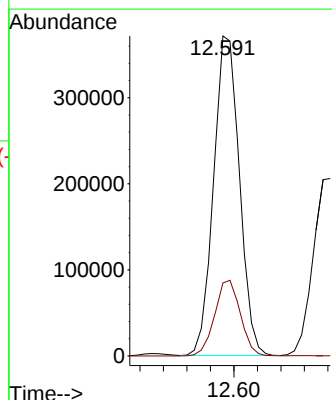
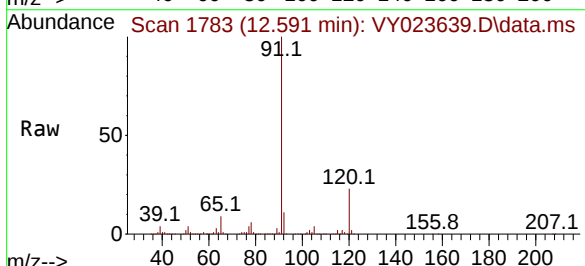
Acq: 31 Oct 2025 10:15

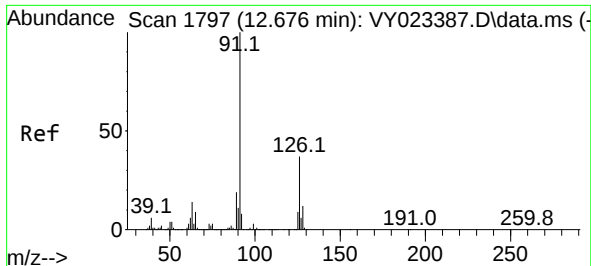
Tgt Ion: 91 Resp: 567091

Ion Ratio Lower Upper

91 100

120 23.6 12.3 36.8





#79

2-Chlorotoluene

Concen: 23.357 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

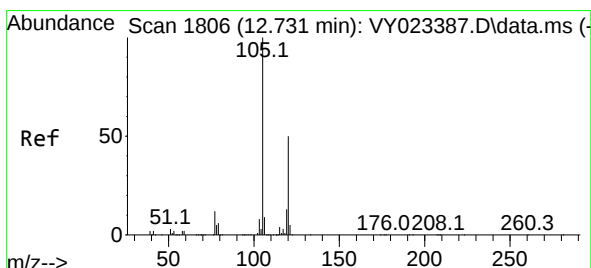
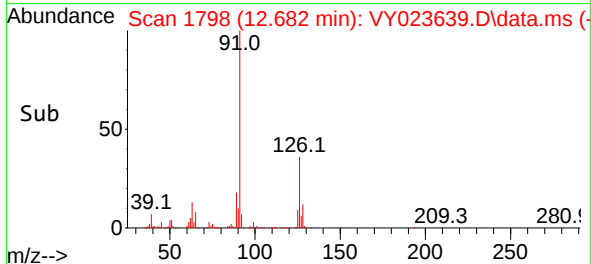
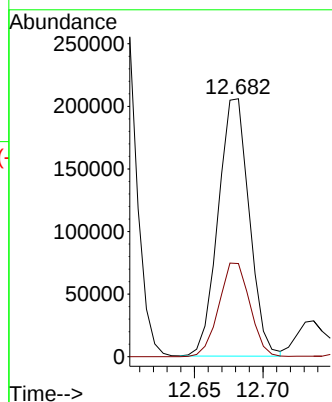
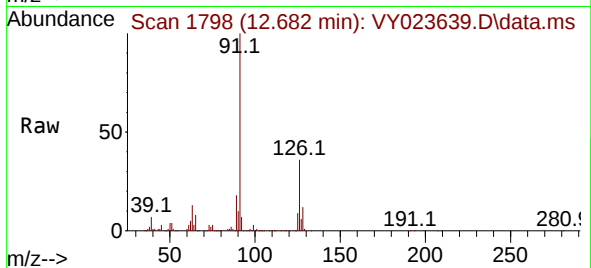
VY1031SBS01

Tgt Ion: 91 Resp: 325525

Ion Ratio Lower Upper

91 100

126 36.3 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 23.360 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023639.D

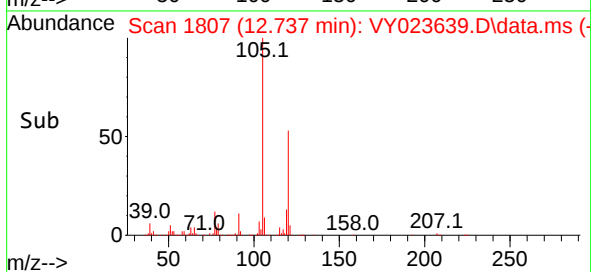
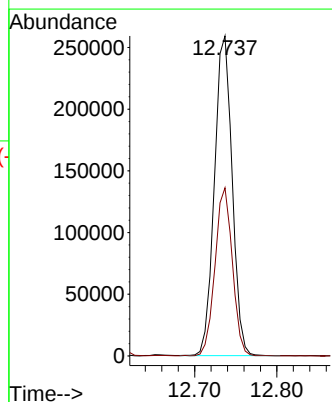
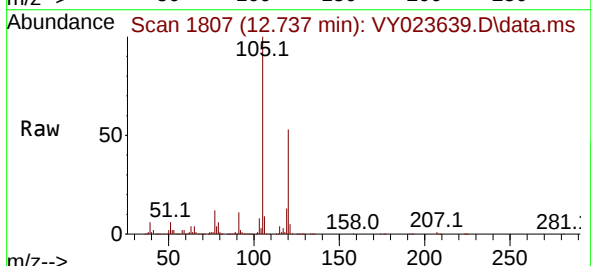
Acq: 31 Oct 2025 10:15

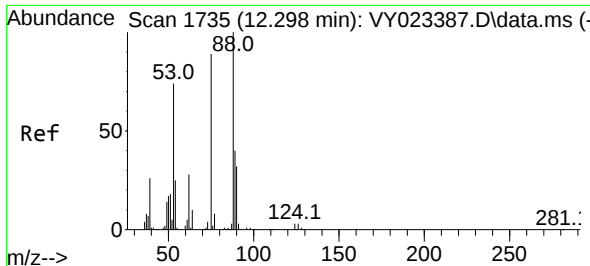
Tgt Ion: 105 Resp: 388229

Ion Ratio Lower Upper

105 100

120 51.5 25.4 76.4

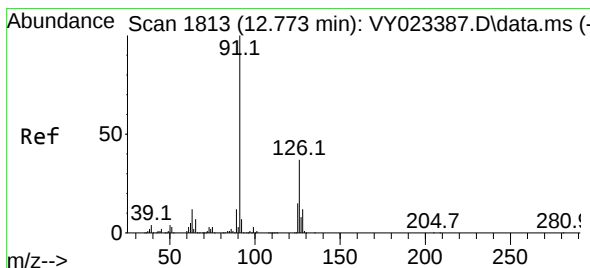
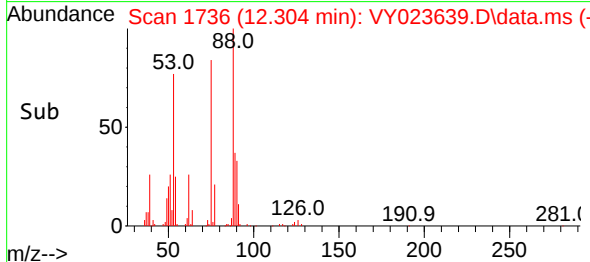
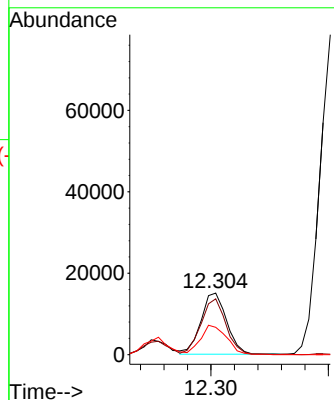
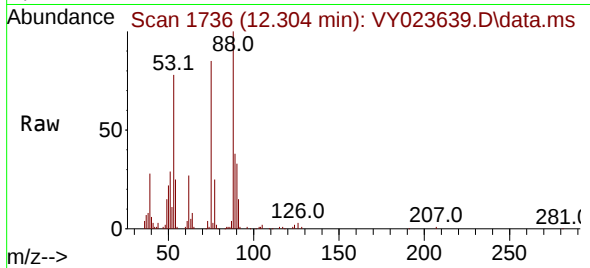




#81
trans-1,4-Dichloro-2-butene
Concen: 20.376 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

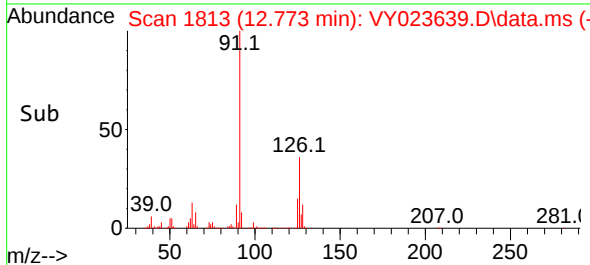
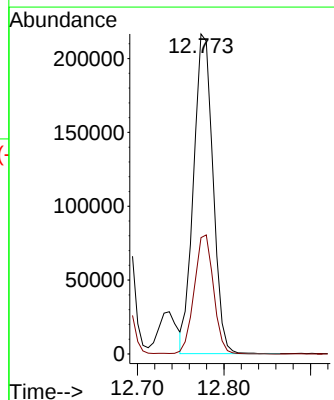
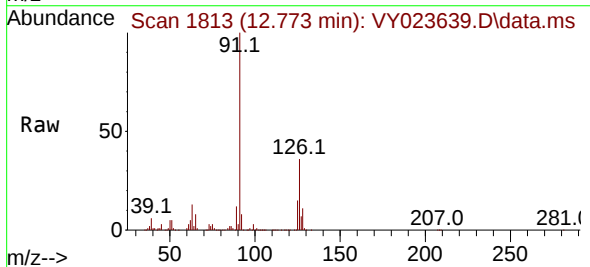
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

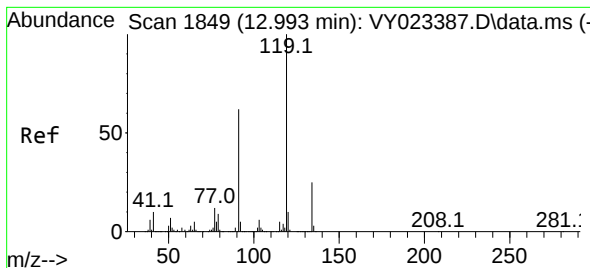
Tgt Ion: 75 Resp: 22879
Ion Ratio Lower Upper
75 100
53 90.1 68.6 102.8
89 48.3 39.0 58.4



#82
4-Chlorotoluene
Concen: 23.460 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion: 91 Resp: 336736
Ion Ratio Lower Upper
91 100
126 37.1 18.4 55.4





#83

tert-Butylbenzene

Concen: 23.155 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBSD01

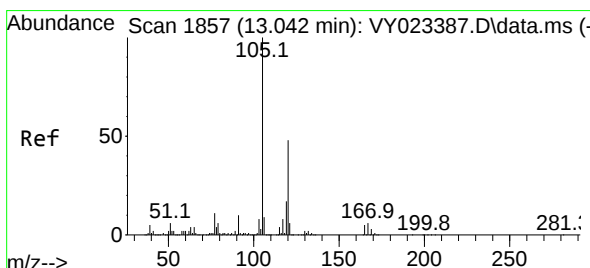
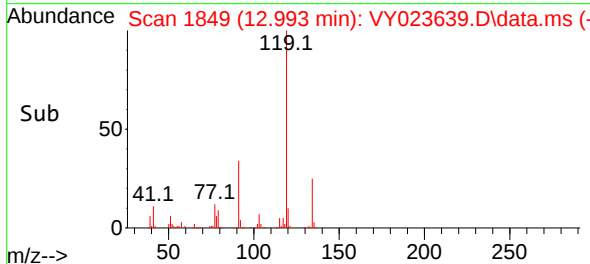
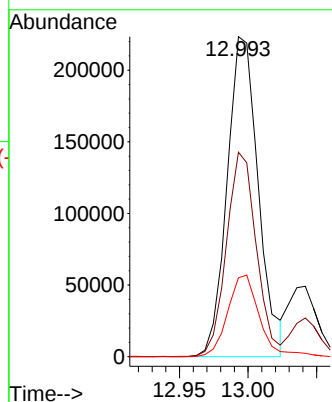
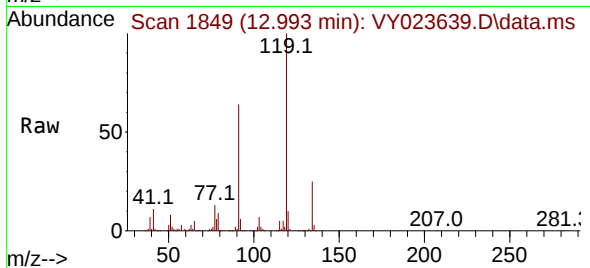
Tgt Ion:119 Resp: 355303

Ion Ratio Lower Upper

119 100

91 61.0 29.9 89.8

134 25.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 23.546 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023639.D

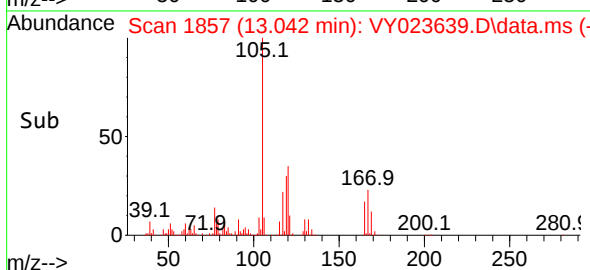
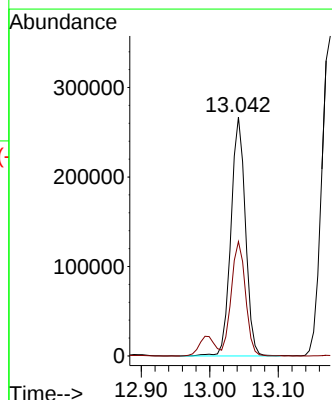
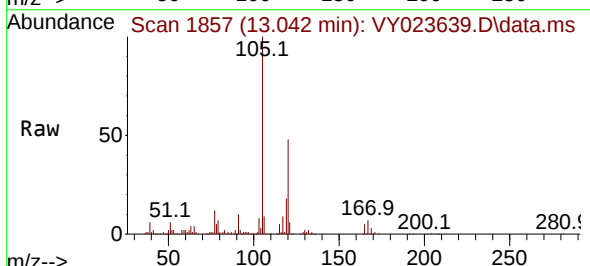
Acq: 31 Oct 2025 10:15

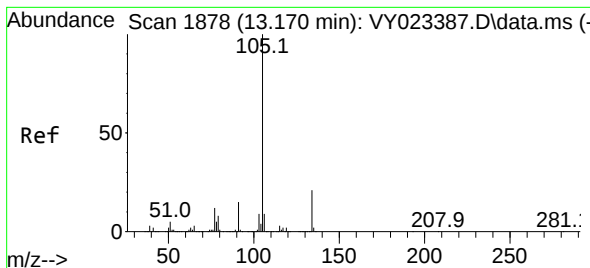
Tgt Ion:105 Resp: 390535

Ion Ratio Lower Upper

105 100

120 46.9 23.8 71.2





#85

sec-Butylbenzene

Concen: 23.948 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

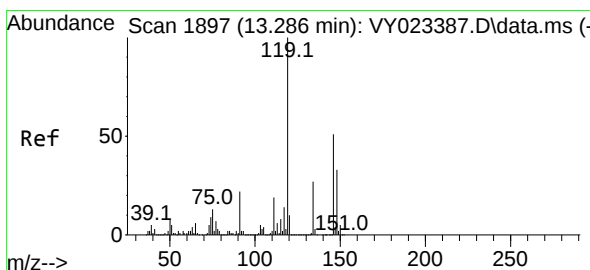
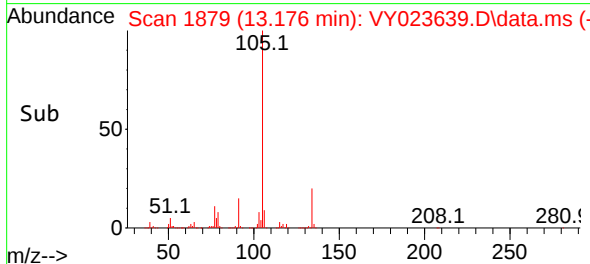
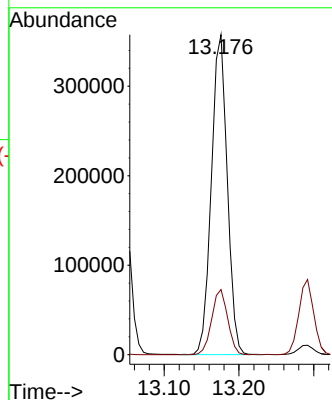
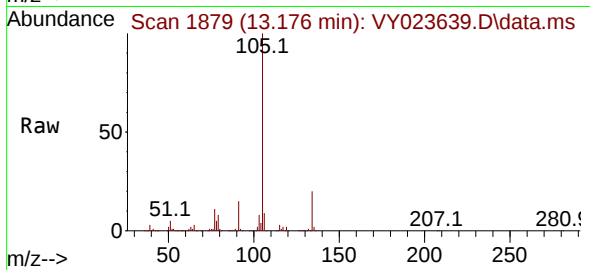
VY1031SBSD01

Tgt Ion:105 Resp: 527143

Ion Ratio Lower Upper

105 100

134 20.5 10.7 32.1



#86

p-Isopropyltoluene

Concen: 23.525 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

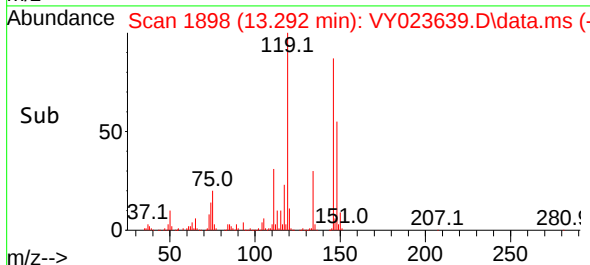
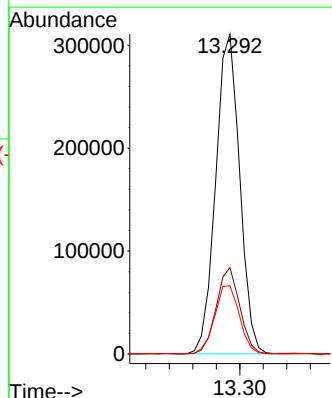
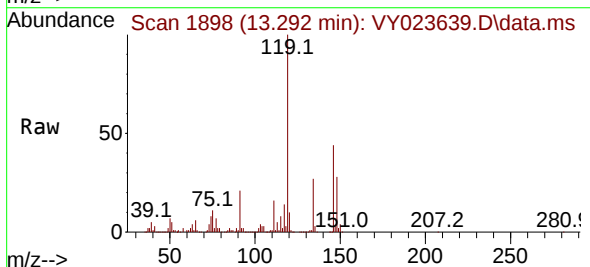
Tgt Ion:119 Resp: 440893

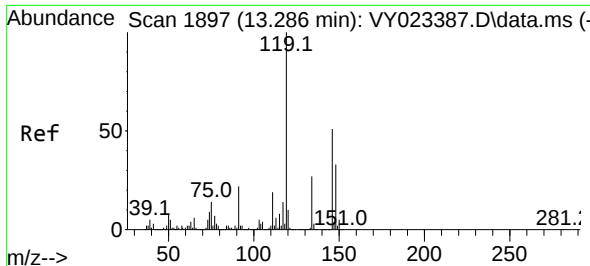
Ion Ratio Lower Upper

119 100

134 26.4 13.6 40.7

91 22.0 10.9 32.9

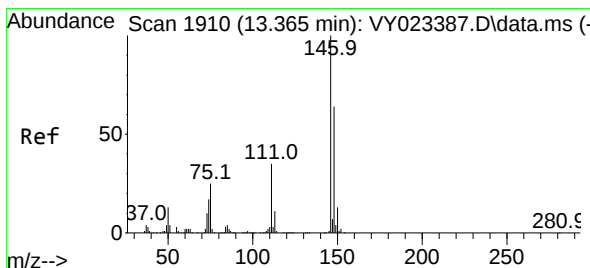
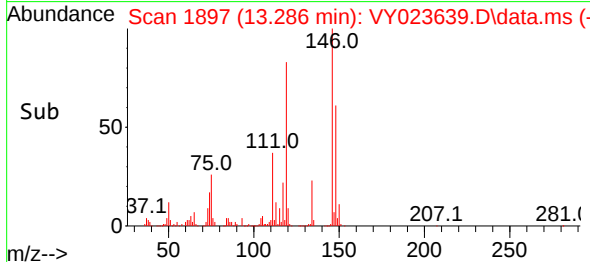
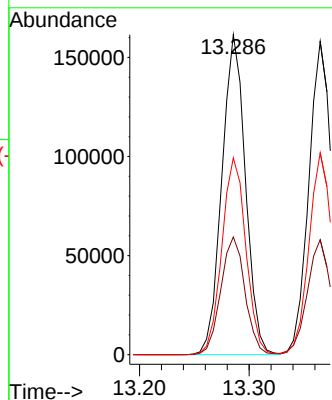
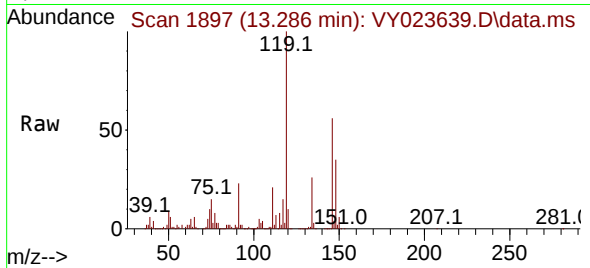




#87
 1,3-Dichlorobenzene
 Concen: 22.697 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023639.D
 Acq: 31 Oct 2025 10:15

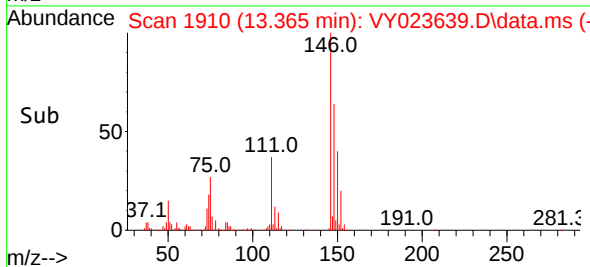
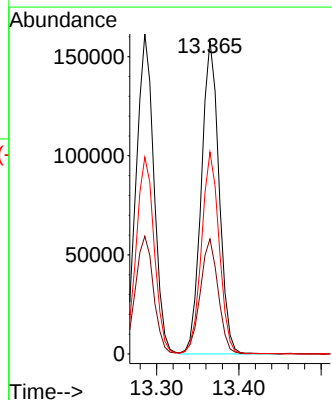
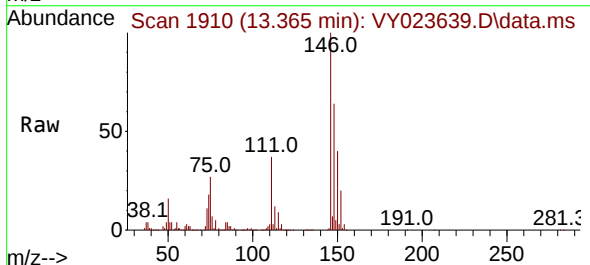
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBSD01

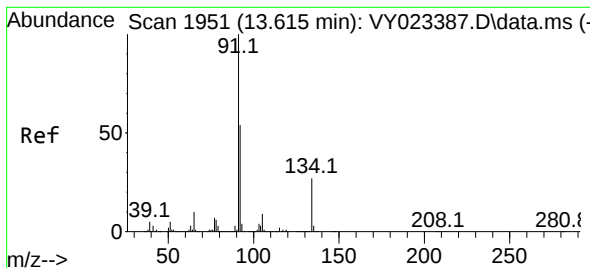
Tgt Ion:146 Resp: 241660
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.7 56.1
 148 62.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 22.449 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023639.D
 Acq: 31 Oct 2025 10:15

Tgt Ion:146 Resp: 236063
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.0 54.0
 148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 23.338 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023639.D

Acq: 31 Oct 2025 10:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBS01

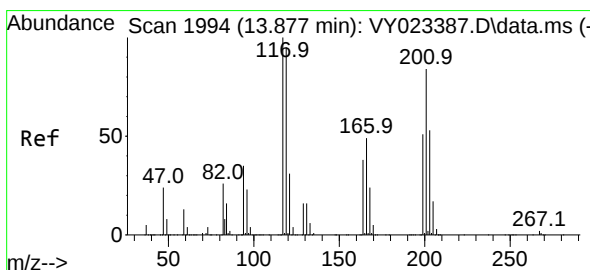
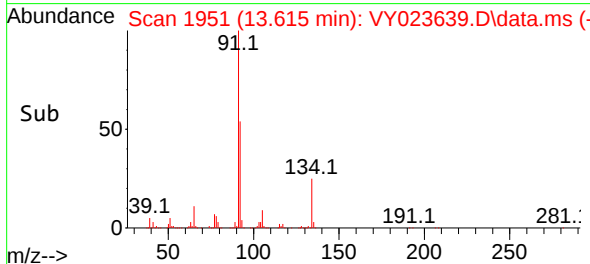
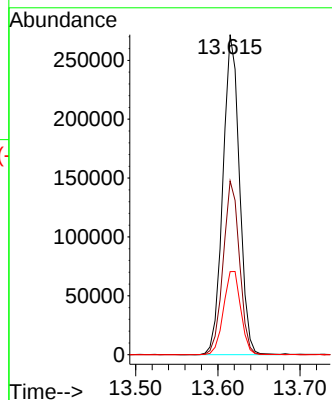
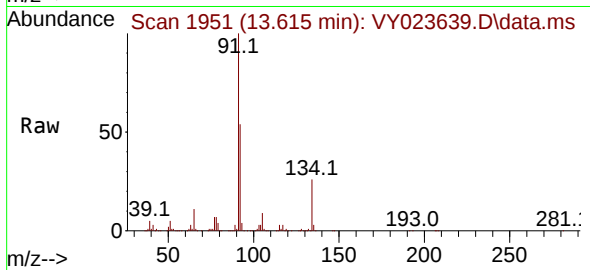
Tgt Ion: 91 Resp: 381103

Ion Ratio Lower Upper

91 100

92 53.3 27.0 80.8

134 27.1 14.1 42.2



#90

Hexachloroethane

Concen: 22.881 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY023639.D

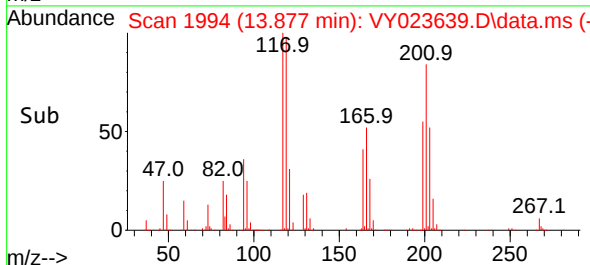
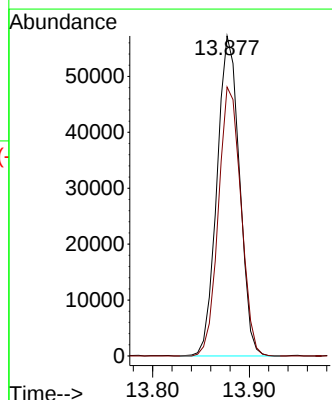
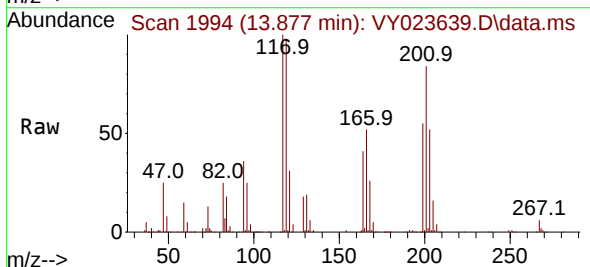
Acq: 31 Oct 2025 10:15

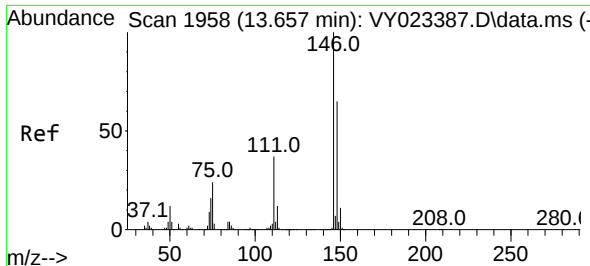
Tgt Ion: 117 Resp: 92230

Ion Ratio Lower Upper

117 100

201 84.1 43.8 131.4

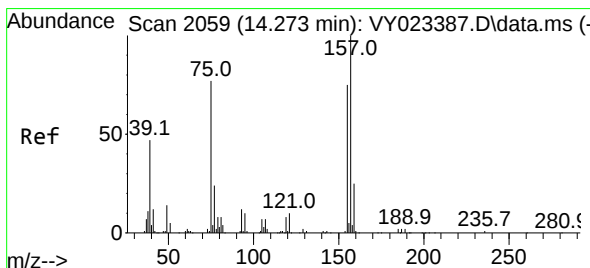
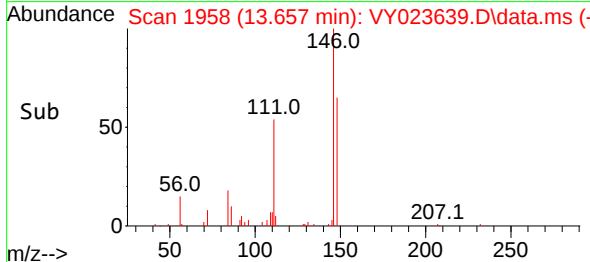
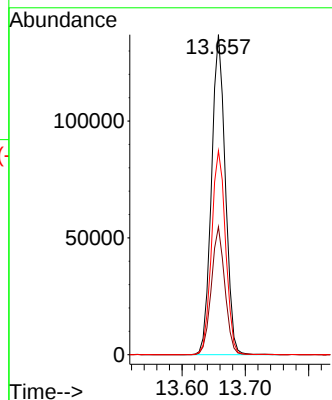
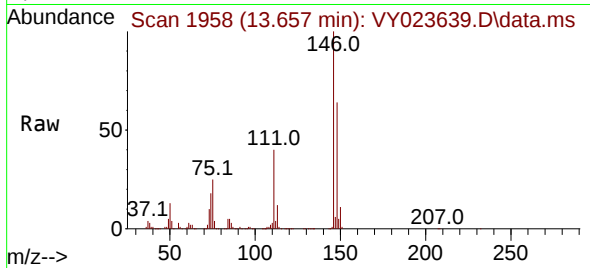




#91
 1,2-Dichlorobenzene
 Concen: 22.276 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023639.D
 Acq: 31 Oct 2025 10:15

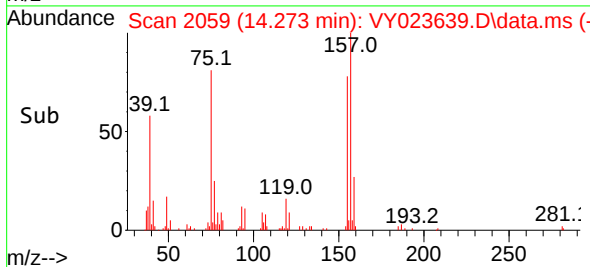
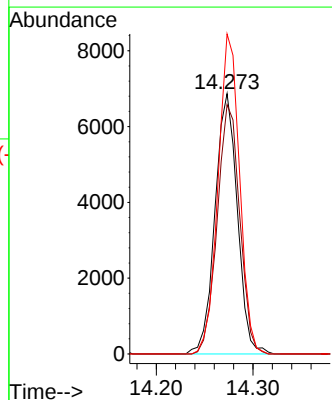
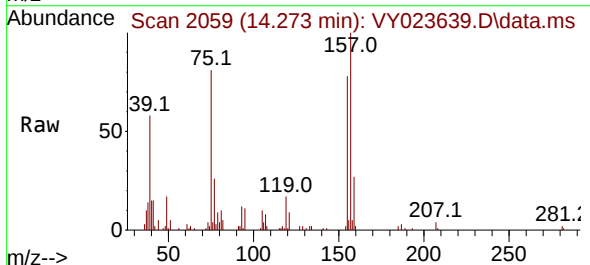
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBSD01

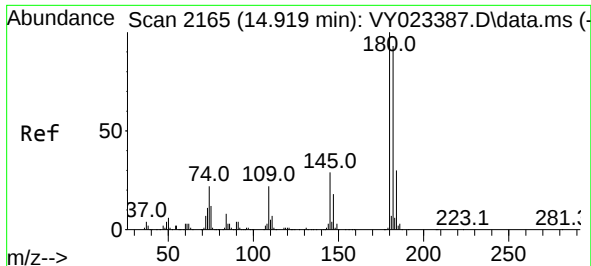
Tgt Ion:146 Resp: 207934
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.0 57.0
 148 64.7 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.928 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023639.D
 Acq: 31 Oct 2025 10:15

Tgt Ion: 75 Resp: 10999
 Ion Ratio Lower Upper
 75 100
 155 96.4 50.0 150.0
 157 118.2 63.8 191.5

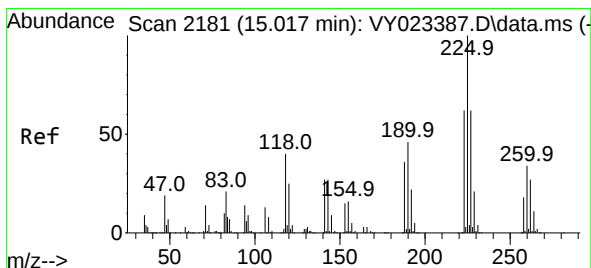
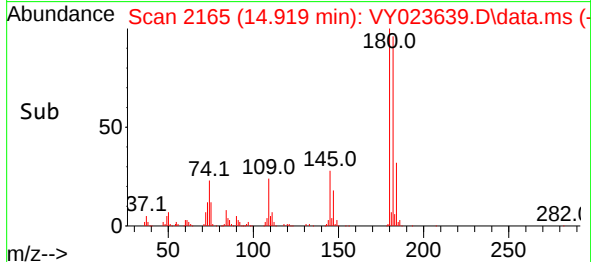
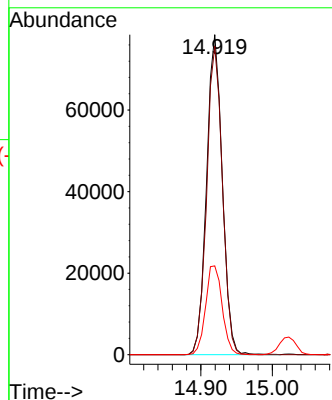
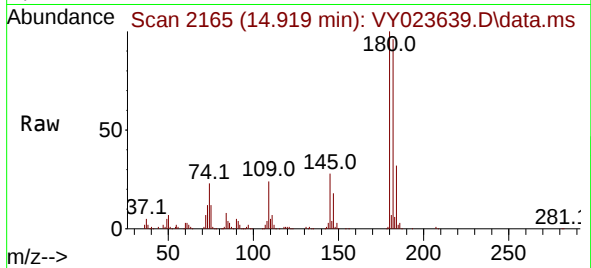




#93
1,2,4-Trichlorobenzene
Concen: 20.611 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

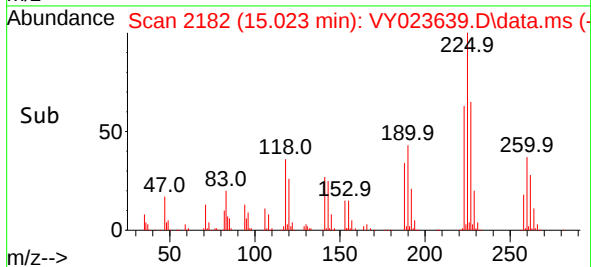
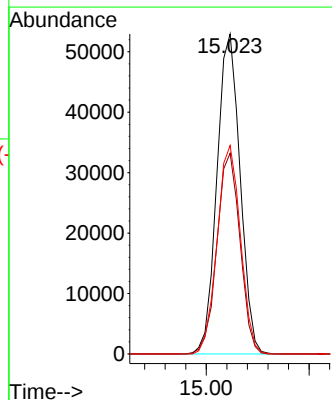
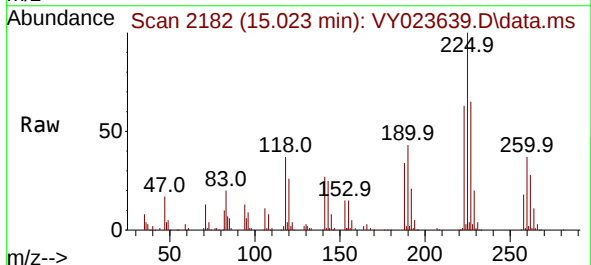
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

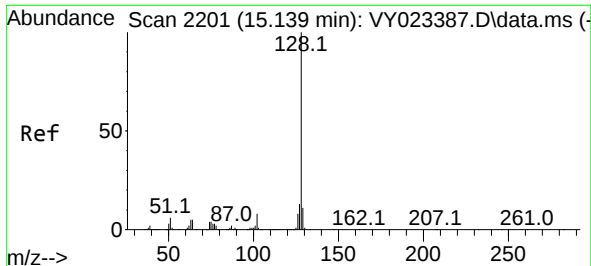
Tgt Ion:180 Resp: 119943
Ion Ratio Lower Upper
180 100
182 96.3 47.9 143.6
145 29.3 14.7 44.1



#94
Hexachlorobutadiene
Concen: 22.799 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion:225 Resp: 82704
Ion Ratio Lower Upper
225 100
223 62.4 30.8 92.3
227 65.6 31.9 95.7

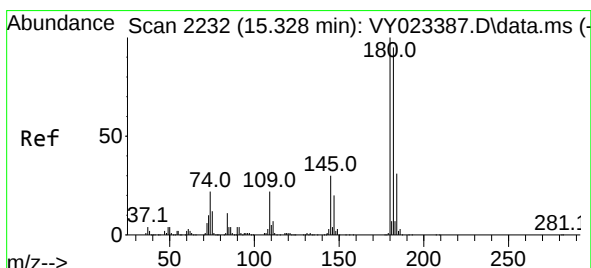
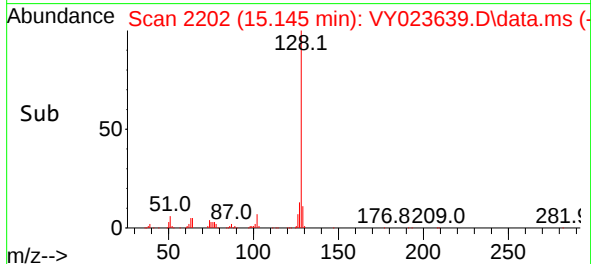
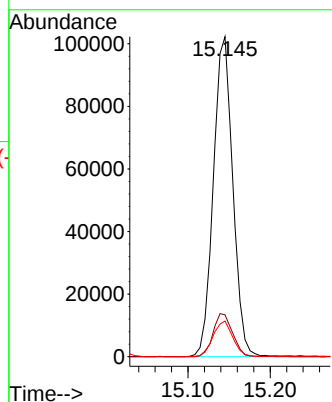
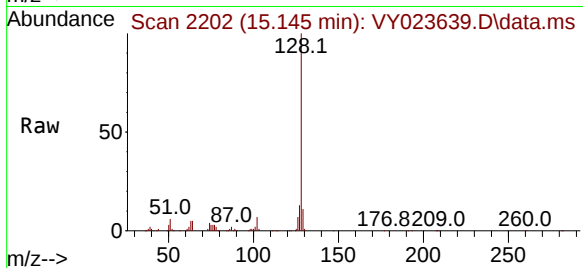




#95
Naphthalene
Concen: 18.115 ug/l
RT: 15.145 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBSD01

Tgt Ion:128 Resp: 167864
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.068 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023639.D
Acq: 31 Oct 2025 10:15

Tgt Ion:180 Resp: 101153
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.8
145 30.5 15.3 45.9

