

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102125\
 Data File : VY023523.D
 Acq On : 21 Oct 2025 10:04
 Operator : SY/MD
 Sample : VY1021SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBS01

Quant Time: Oct 24 01:22:08 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	494016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	712868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	635785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	341398	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193871	46.930	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.860%
35) Dibromofluoromethane	7.634	113	222986	50.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.109	98	837402	51.335	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.408	95	268965	49.942	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	72214	20.308	ug/l	96
3) Chloromethane	2.074	50	94488	19.506	ug/l	99
4) Vinyl Chloride	2.208	62	127704	20.240	ug/l	98
5) Bromomethane	2.592	94	113644	21.464	ug/l	96
6) Chloroethane	2.732	64	91163	21.197	ug/l	99
7) Trichlorofluoromethane	3.056	101	179067	20.441	ug/l	100
8) Diethyl Ether	3.458	74	42637	18.626	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	96083	21.136	ug/l	99
10) Methyl Iodide	4.007	142	95981	18.966	ug/l	100
11) Tert butyl alcohol	4.848	59	34552	112.428	ug/l #	89
12) 1,1-Dichloroethene	3.787	96	89008	20.198	ug/l	95
13) Acrolein	3.653	56	21612	49.768	ug/l	98
14) Allyl chloride	4.385	41	99926	18.606	ug/l	96
15) Acrylonitrile	5.061	53	79043	90.228	ug/l	99
16) Acetone	3.866	43	119380	121.387	ug/l	99
17) Carbon Disulfide	4.110	76	254170	20.152	ug/l	99
18) Methyl Acetate	4.385	43	40953	15.874	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	190637	17.999	ug/l	96
20) Methylene Chloride	4.616	84	101259	19.041	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	101665	20.955	ug/l	97
22) Diisopropyl ether	6.018	45	232353	19.559	ug/l	93
23) Vinyl Acetate	5.964	43	586288	91.178	ug/l	97
24) 1,1-Dichloroethane	5.915	63	161044	20.465	ug/l	99
25) 2-Butanone	6.896	43	122251	101.820	ug/l	96
26) 2,2-Dichloropropane	6.884	77	149940	20.766	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	115907	20.682	ug/l	98
28) Bromochloromethane	7.250	49	57916	19.715	ug/l	93
29) Tetrahydrofuran	7.262	42	54688	80.322	ug/l	97
30) Chloroform	7.421	83	186069	21.521	ug/l	100
31) Cyclohexane	7.701	56	129108	18.787	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	165772	21.099	ug/l	100
36) 1,1-Dichloropropene	7.835	75	122511	21.126	ug/l	99
37) Ethyl Acetate	6.988	43	42544	18.518	ug/l	98
38) Carbon Tetrachloride	7.823	117	152907	21.746	ug/l	99
39) Methylcyclohexane	9.109	83	149816	19.842	ug/l	96
40) Benzene	8.079	78	396525	21.591	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	18221	14.664	ug/l #	62
42) 1,2-Dichloroethane	8.158	62	94656	19.985	ug/l	97
43) Isopropyl Acetate	8.201	43	79352	17.322	ug/l	99
44) Trichloroethene	8.865	130	117801	21.916	ug/l	97
45) 1,2-Dichloropropane	9.140	63	87109	21.475	ug/l	100
46) Dibromomethane	9.231	93	52865	20.610	ug/l	98
47) Bromodichloromethane	9.426	83	137492	21.284	ug/l	100
48) Methyl methacrylate	9.219	41	34583	16.069	ug/l	89
49) 1,4-Dioxane	9.231	88	10115	340.128	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	205212	86.702	ug/l	100
52) Toluene	10.170	92	260667	21.861	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	111956	19.932	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	137908	20.802	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	72400	20.990	ug/l	95
56) Ethyl methacrylate	10.438	69	68512	17.220	ug/l	96
57) 1,3-Dichloropropane	10.719	76	110943	20.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	161119	90.396	ug/l	100
59) 2-Hexanone	10.761	43	162182	95.882	ug/l	100
60) Dibromochloromethane	10.914	129	100658	20.815	ug/l	99
61) 1,2-Dibromoethane	11.011	107	66140	20.106	ug/l	100
64) Tetrachloroethene	10.646	164	144595	22.026	ug/l	96
65) Chlorobenzene	11.444	112	292874	21.180	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	105517	21.413	ug/l	99
67) Ethyl Benzene	11.517	91	469417	20.972	ug/l	99
68) m/p-Xylenes	11.627	106	386672	43.069	ug/l	98
69) o-Xylene	11.956	106	173158	20.563	ug/l	100
70) Styrene	11.969	104	290368	20.968	ug/l	100
71) Bromoform	12.133	173	59594	19.497	ug/l #	99
73) Isopropylbenzene	12.255	105	457435	20.332	ug/l	99
74) N-amyl acetate	12.072	43	63675	15.757	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	67088	18.231	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	90847	30.161	ug/l #	100
77) Bromobenzene	12.529	156	120941	20.220	ug/l	97
78) n-propylbenzene	12.597	91	544028	20.896	ug/l	100
79) 2-Chlorotoluene	12.682	91	314616	20.636	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	382336	21.030	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	21535	17.532	ug/l	99
82) 4-Chlorotoluene	12.779	91	333366	21.231	ug/l	100
83) tert-Butylbenzene	12.999	119	342878	20.426	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	382715	21.093	ug/l	99
85) sec-Butylbenzene	13.176	105	504696	20.959	ug/l	100
86) p-Isopropyltoluene	13.292	119	427597	20.856	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	241546	20.738	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	236089	20.523	ug/l	98
89) n-Butylbenzene	13.615	91	360818	20.198	ug/l	99
90) Hexachloroethane	13.877	117	93382	21.177	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	209046	20.472	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10278	17.023	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	114772	18.029	ug/l	99
94) Hexachlorobutadiene	15.023	225	80710	20.338	ug/l	97
95) Naphthalene	15.145	128	155957	15.384	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	99805	18.100	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

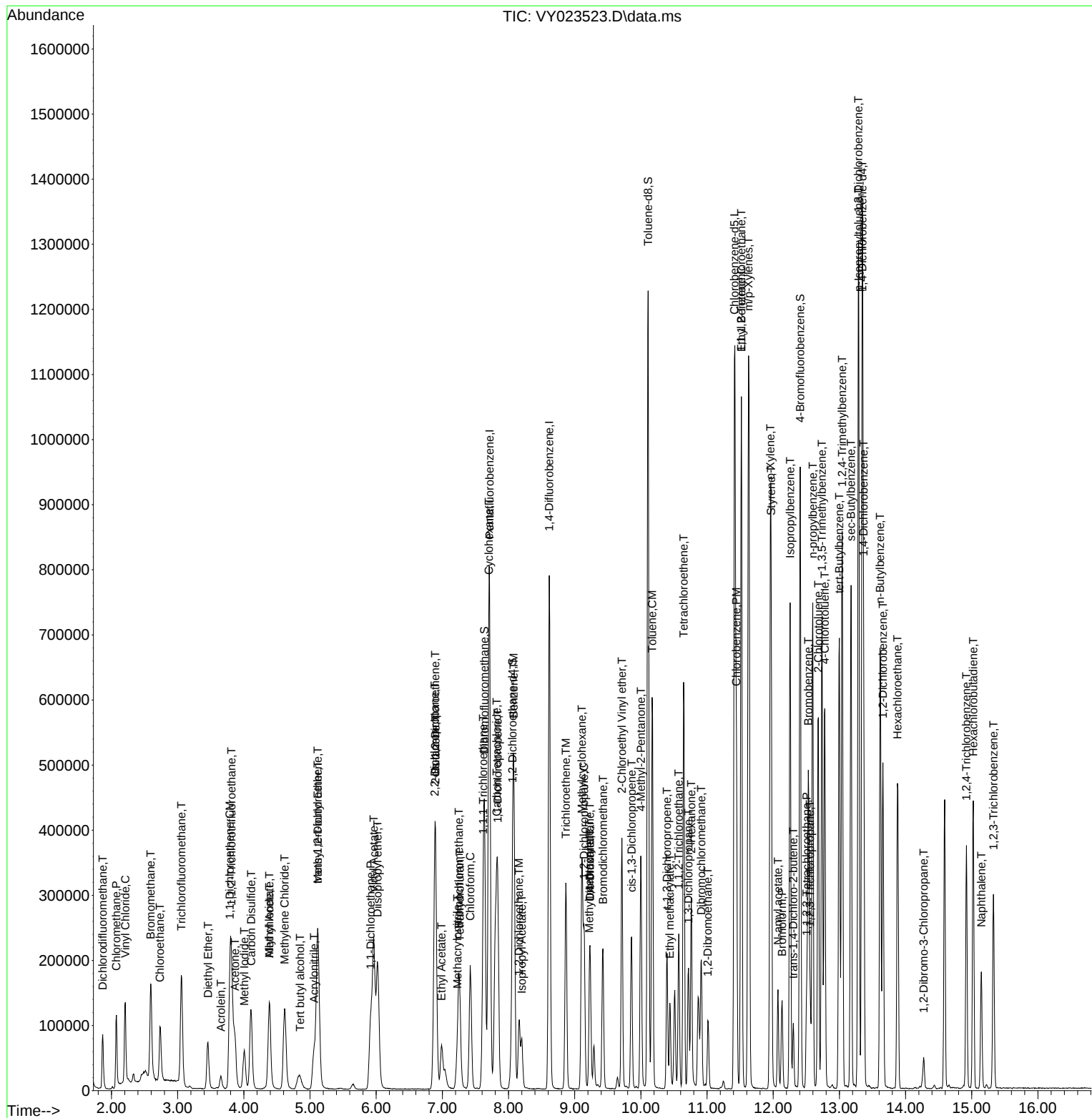
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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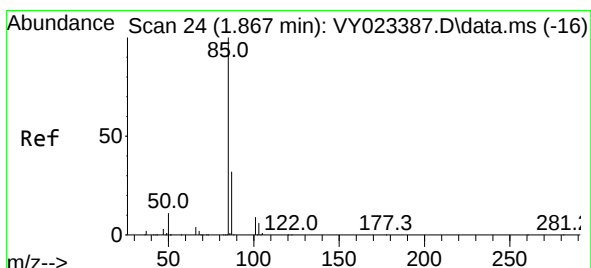
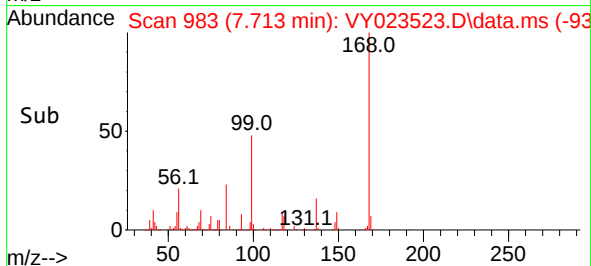
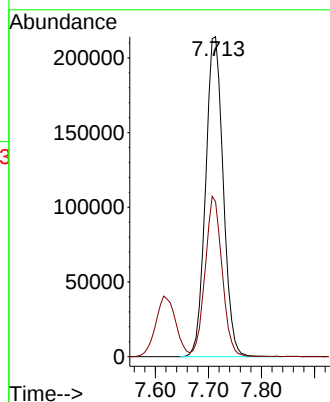
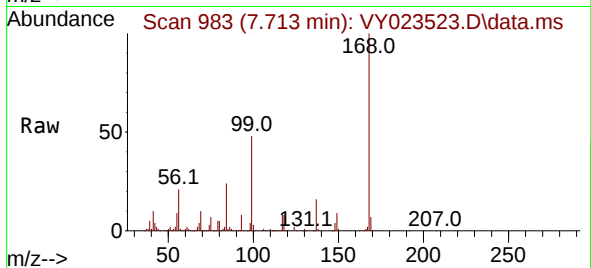




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023523.D
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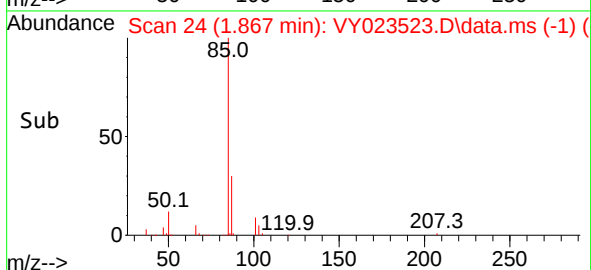
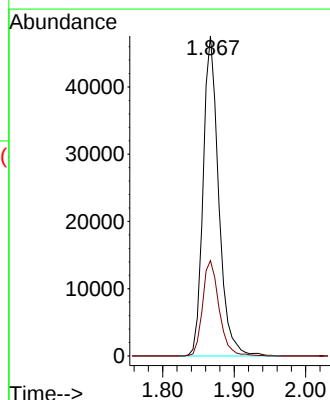
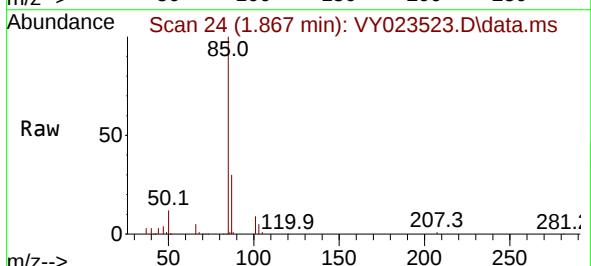
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ClientSampleId :
VY1021SBS01

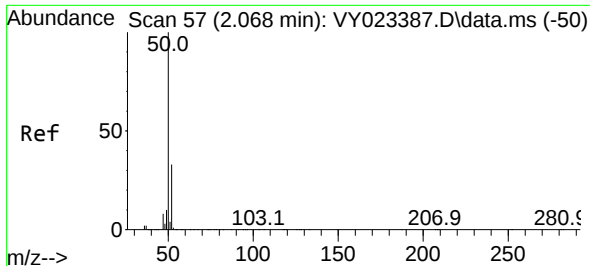
Tgt Ion:168 Resp: 494016
Ion Ratio Lower Upper
168 100
99 48.4 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 20.308 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 85 Resp: 72214
Ion Ratio Lower Upper
85 100
87 29.8 16.0 47.9

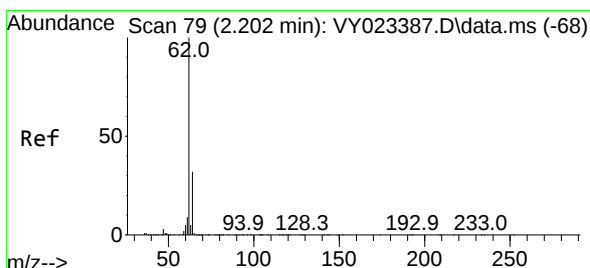
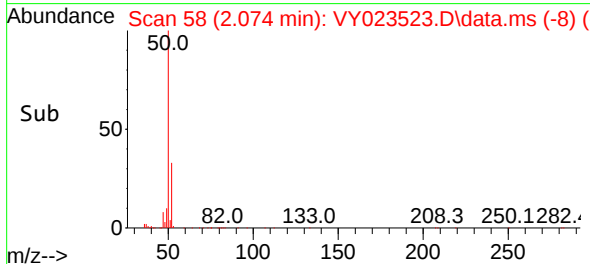
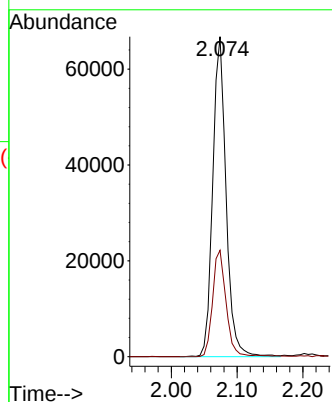
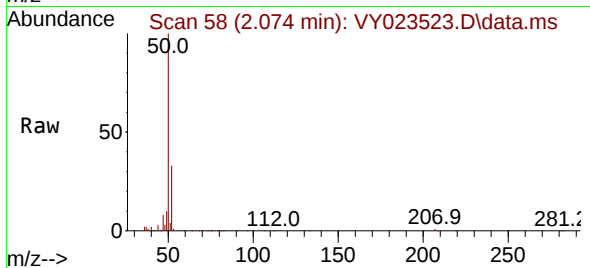




#3
Chloromethane
Concen: 19.506 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

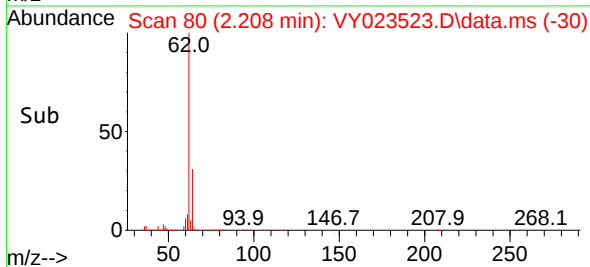
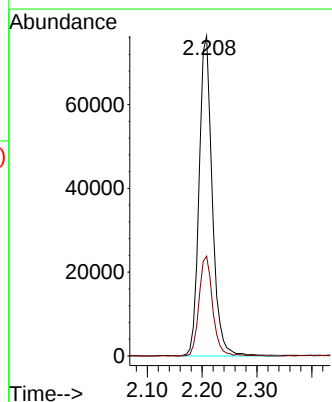
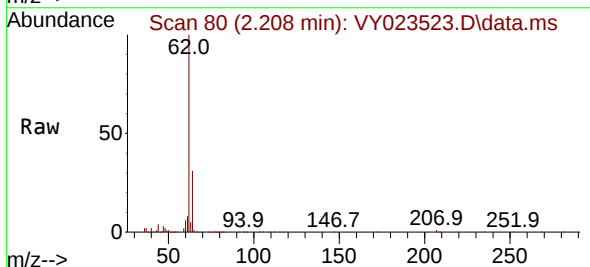
Instrument :
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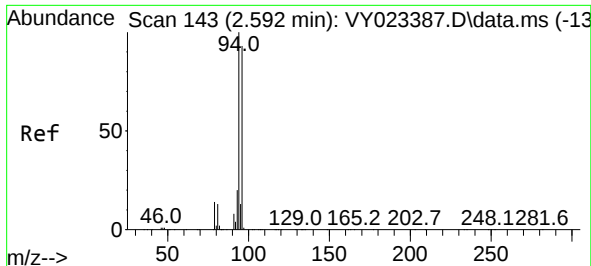
Tgt Ion: 50 Resp: 94488
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2



#4
Vinyl Chloride
Concen: 20.240 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 62 Resp: 127704
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.8

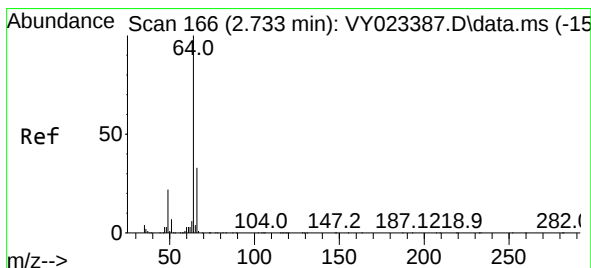
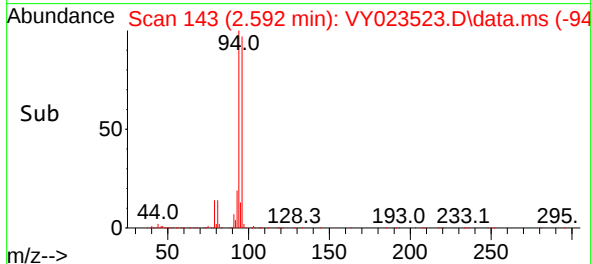
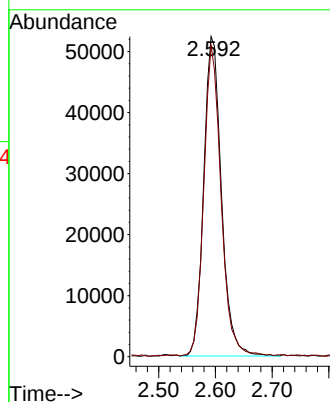
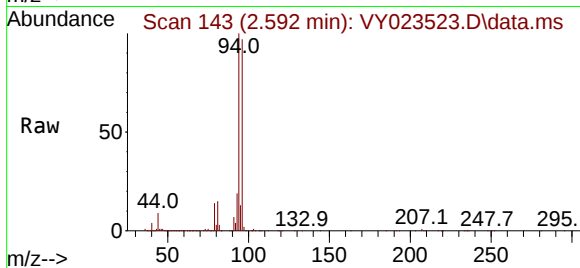




#5
Bromomethane
Concen: 21.464 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

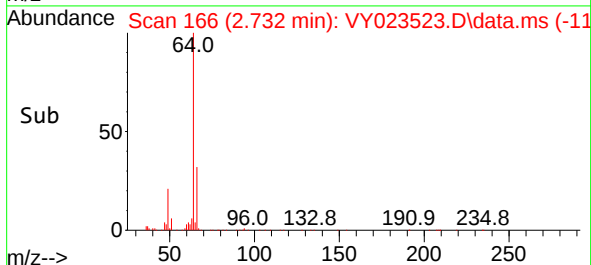
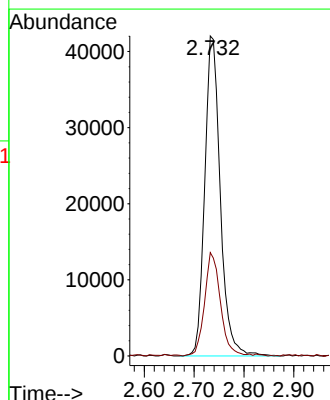
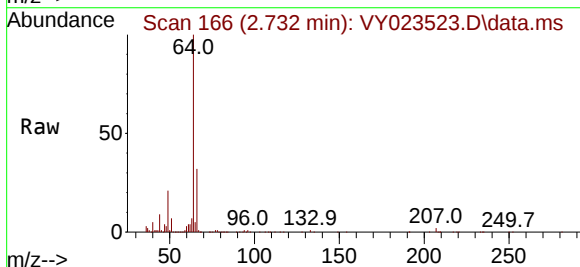
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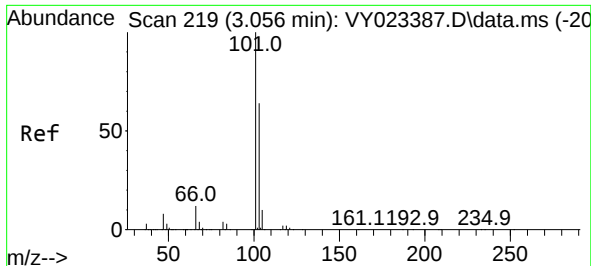
Tgt Ion: 94 Resp: 113644
Ion Ratio Lower Upper
94 100
96 97.1 74.5 111.7



#6
Chloroethane
Concen: 21.197 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 64 Resp: 91163
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

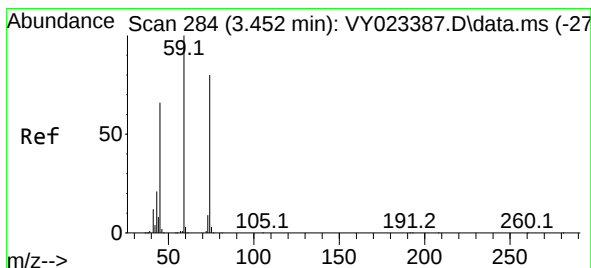
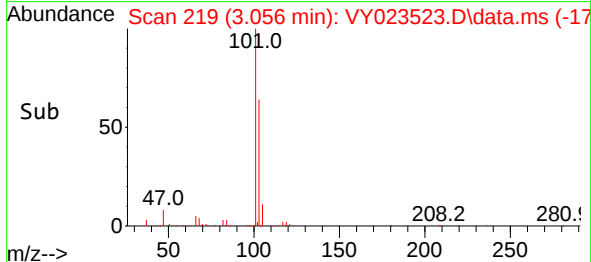
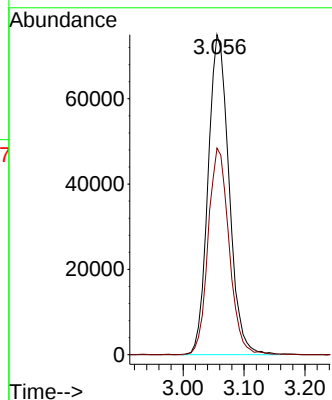
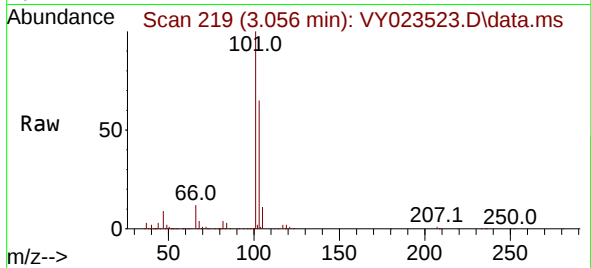




#7
 Trichlorofluoromethane
 Concen: 20.441 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY023523.D
 Acq: 21 Oct 2025 10:04

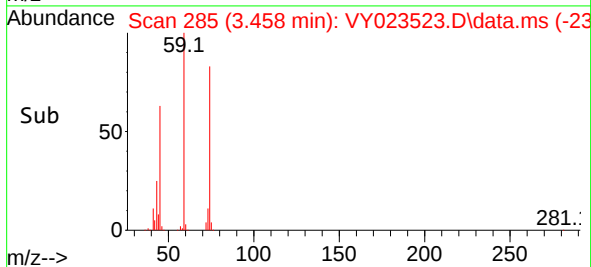
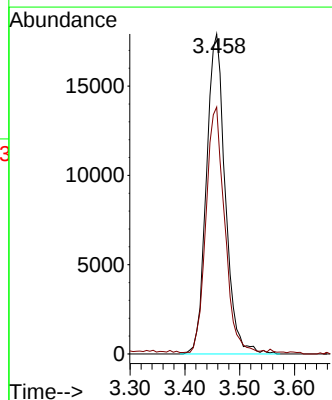
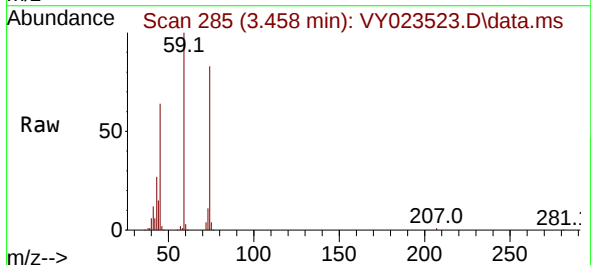
Instrument :
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Tgt Ion:101 Resp: 179067
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.3 76.9



#8
 Diethyl Ether
 Concen: 18.626 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023523.D
 Acq: 21 Oct 2025 10:04

Tgt Ion: 74 Resp: 42637
 Ion Ratio Lower Upper
 74 100
 45 75.8 39.9 119.7

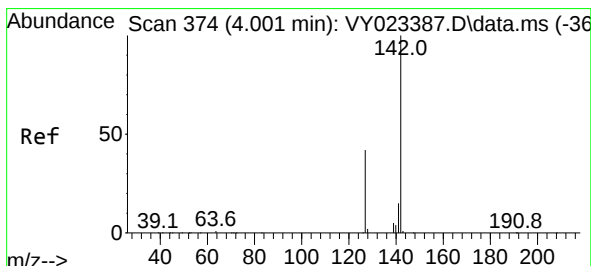
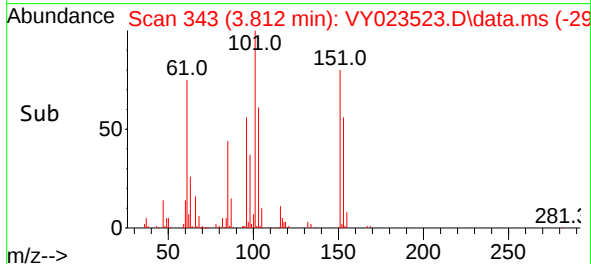
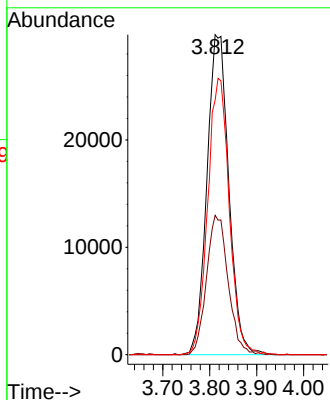
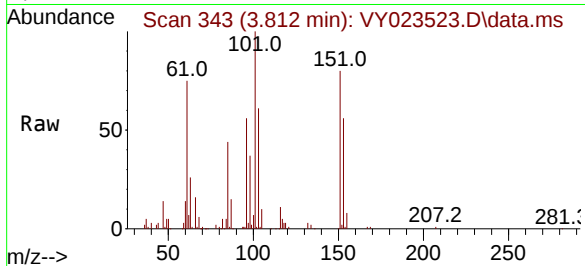




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.136 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

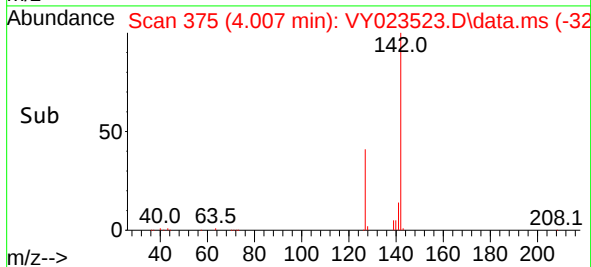
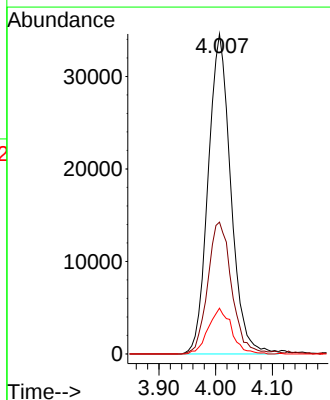
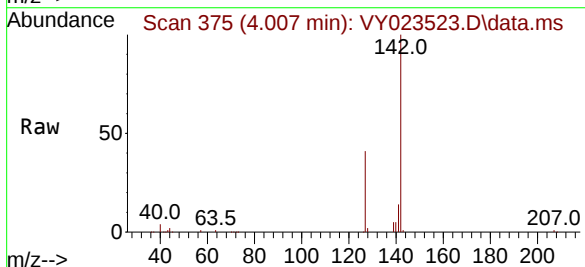
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

Tgt Ion:101 Resp: 96083
Ion Ratio Lower Upper
101 100
85 43.2 34.6 51.8
151 85.5 67.0 100.6



#10
Methyl Iodide
Concen: 18.966 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion:142 Resp: 95981
Ion Ratio Lower Upper
142 100
127 43.8 34.8 52.2
141 14.7 11.6 17.4

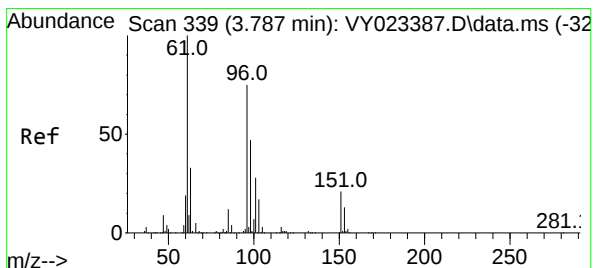
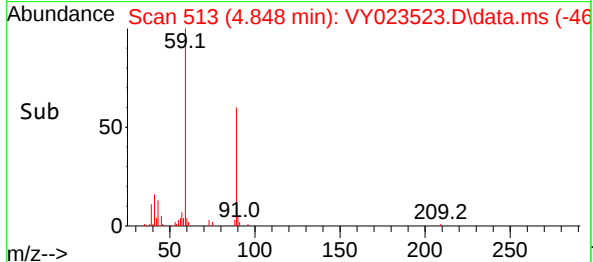
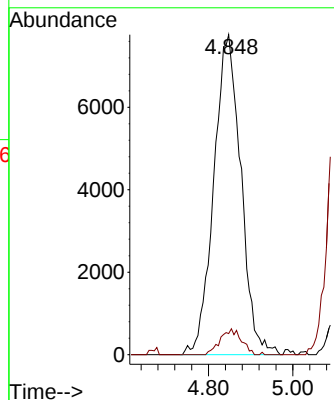
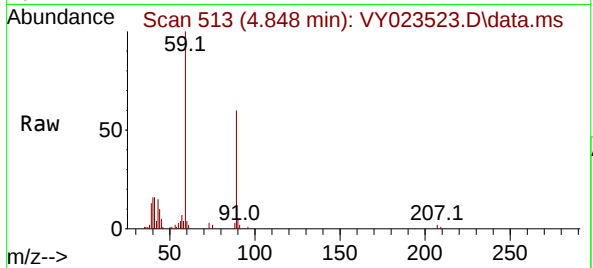




#11
Tert butyl alcohol
Concen: 112.428 ug/l
RT: 4.848 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

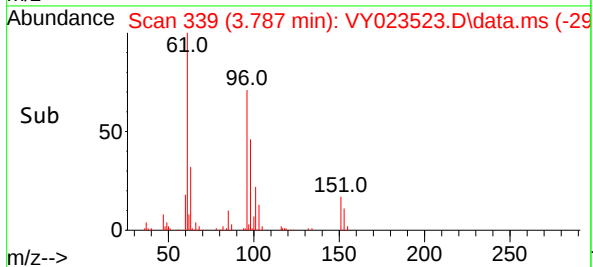
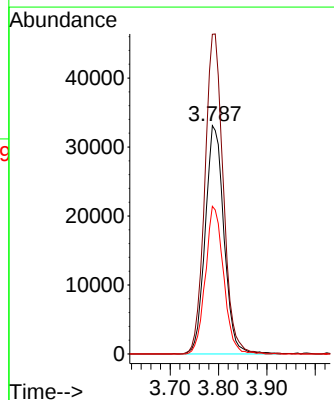
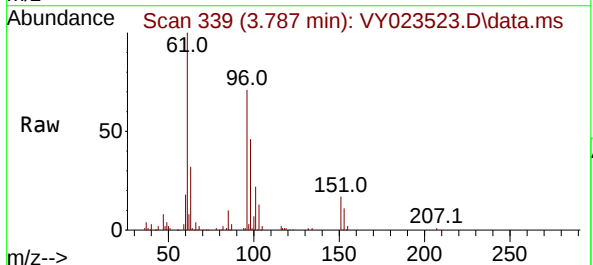
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

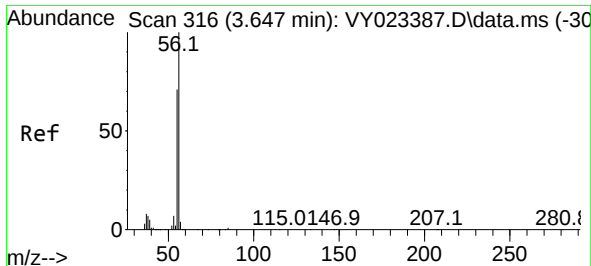
Tgt Ion: 59 Resp: 34552
Ion Ratio Lower Upper
59 100
57 6.3 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 20.198 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 96 Resp: 89008
Ion Ratio Lower Upper
96 100
61 140.0 106.7 160.1
98 64.7 50.2 75.4





#13

Acrolein

Concen: 49.768 ug/l

RT: 3.653 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

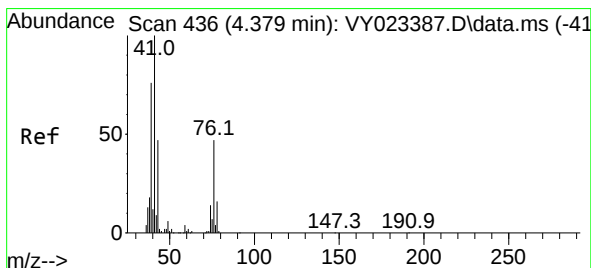
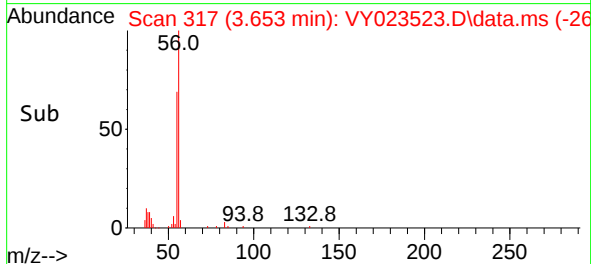
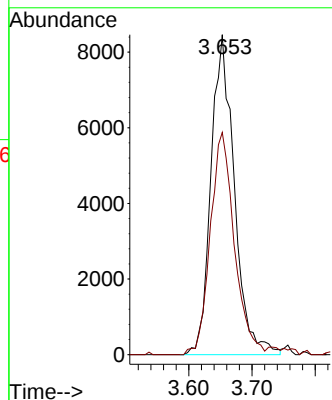
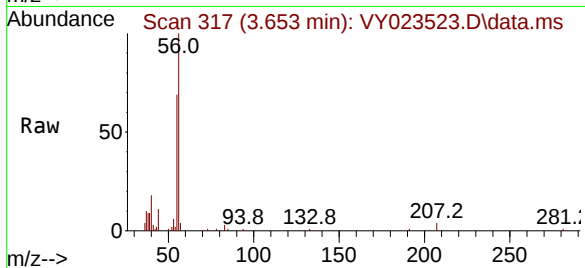
VY1021SBS01

Tgt Ion: 56 Resp: 21612

Ion Ratio Lower Upper

56 100

55 71.6 56.1 84.1



#14

Allyl chloride

Concen: 18.606 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

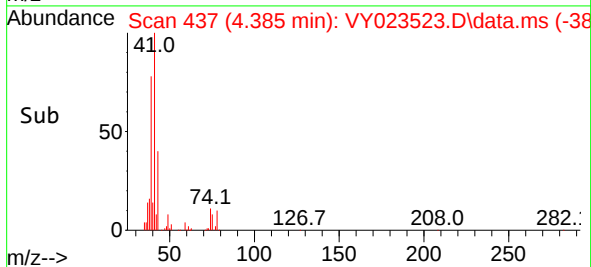
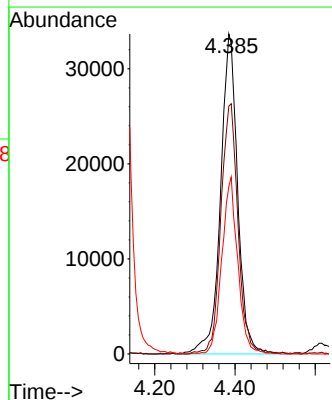
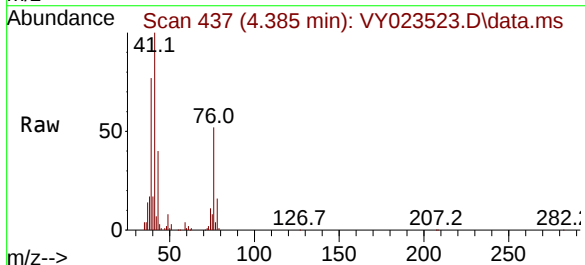
Tgt Ion: 41 Resp: 99926

Ion Ratio Lower Upper

41 100

39 77.9 59.9 89.9

76 51.4 38.0 57.0

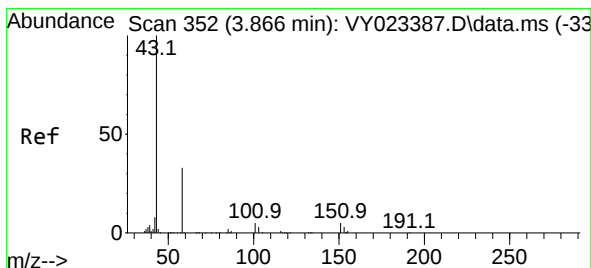
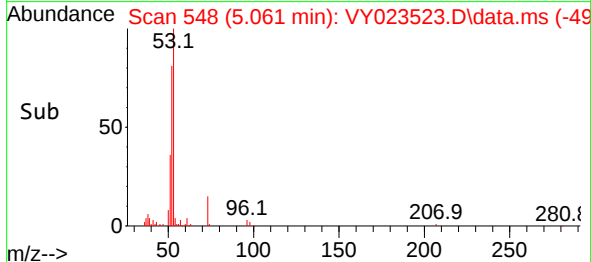
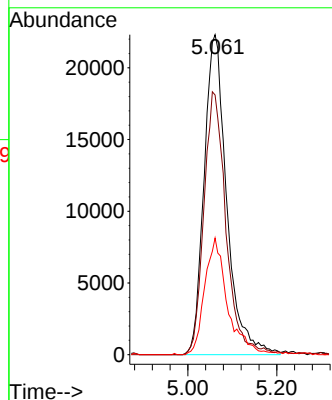
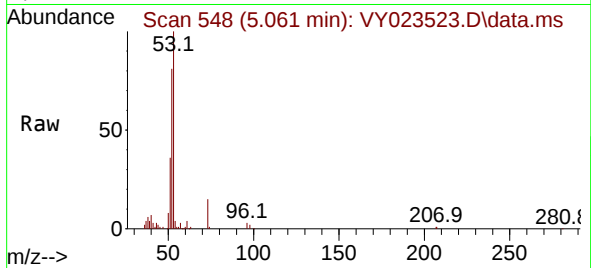




#15
Acrylonitrile
Concen: 90.228 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

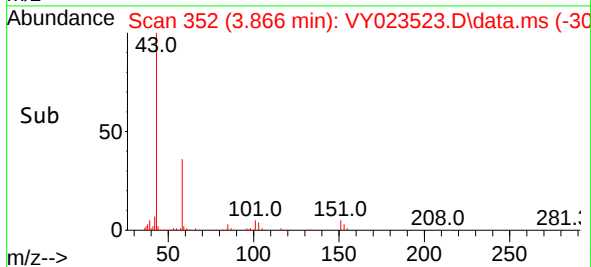
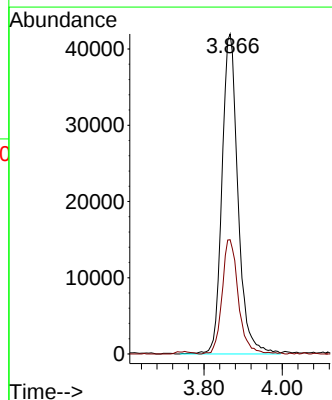
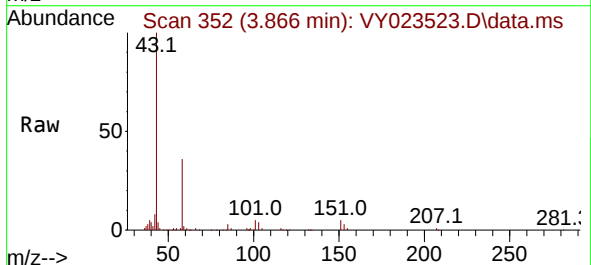
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

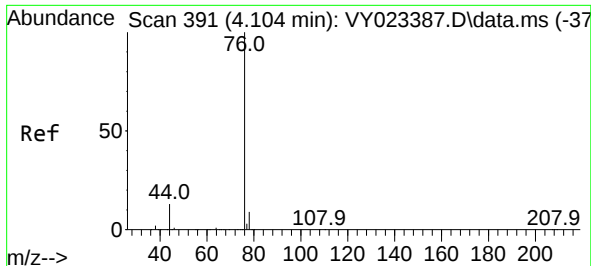
Tgt Ion: 53 Resp: 79043
Ion Ratio Lower Upper
53 100
52 80.1 64.6 97.0
51 36.9 29.5 44.3



#16
Acetone
Concen: 121.387 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 43 Resp: 119380
Ion Ratio Lower Upper
43 100
58 35.3 27.7 41.5

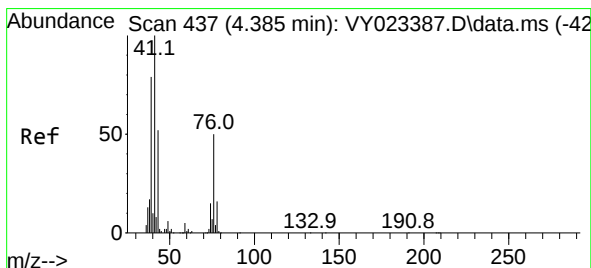
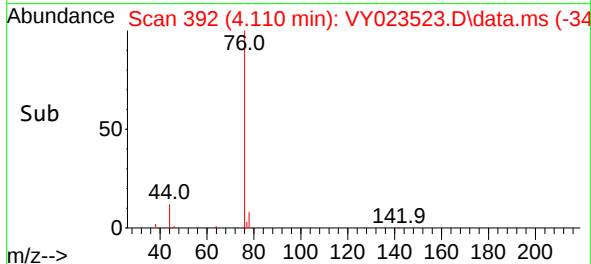
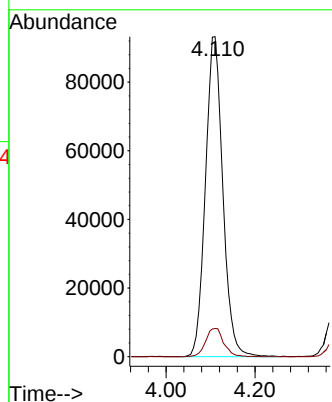
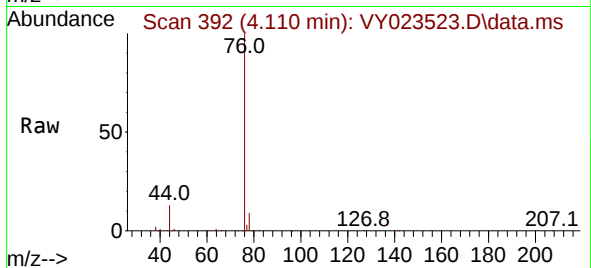




#17
Carbon Disulfide
Concen: 20.152 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

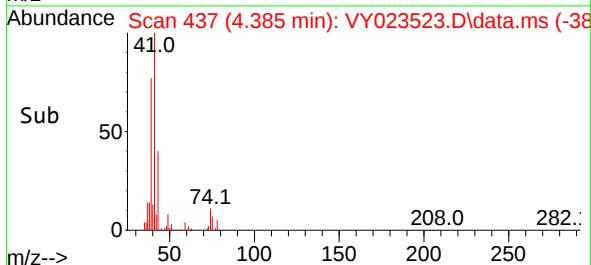
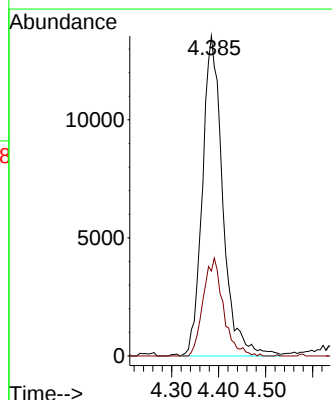
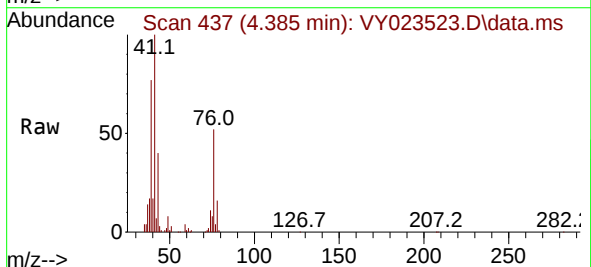
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

Tgt Ion: 76 Resp: 254170
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 15.874 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 43 Resp: 40953
Ion Ratio Lower Upper
43 100
74 30.1 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 17.999 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

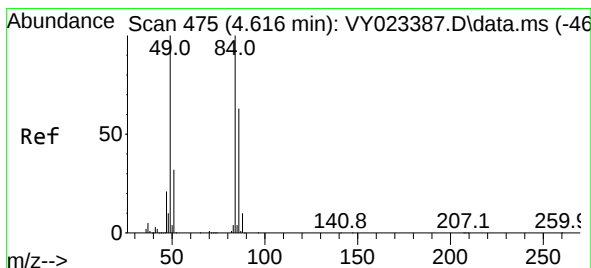
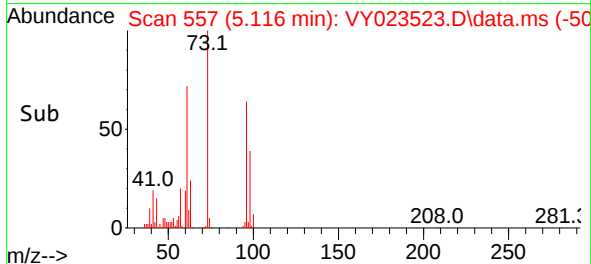
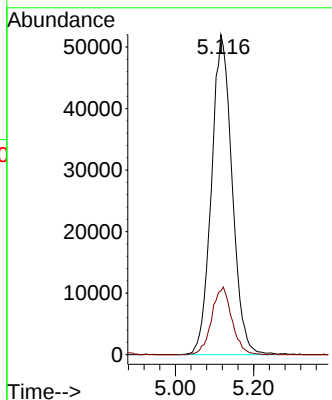
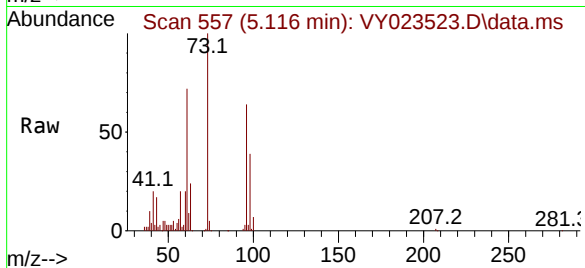
VY1021SBS01

Tgt Ion: 73 Resp: 190637

Ion Ratio Lower Upper

73 100

57 19.9 17.4 26.0



#20

Methylene Chloride

Concen: 19.041 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Tgt Ion: 84 Resp: 101259

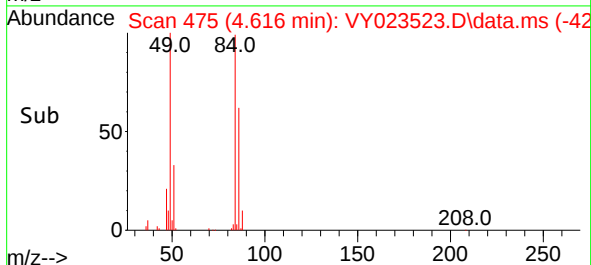
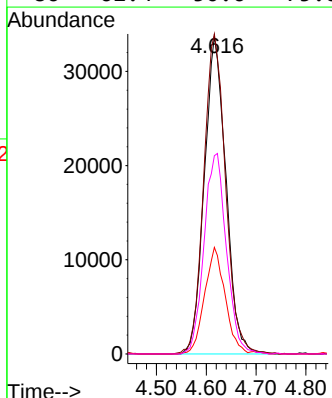
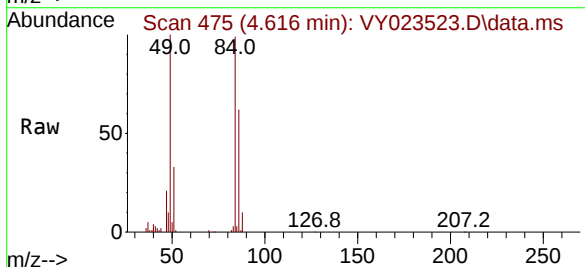
Ion Ratio Lower Upper

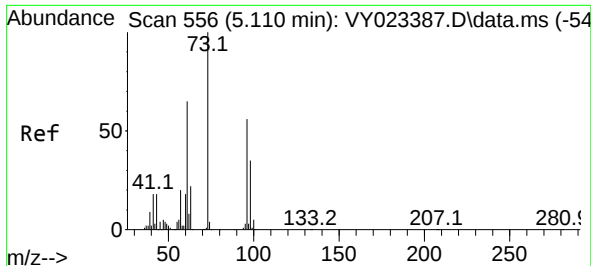
84 100

49 100.7 80.2 120.4

51 33.6 25.9 38.9

86 62.4 50.6 75.8

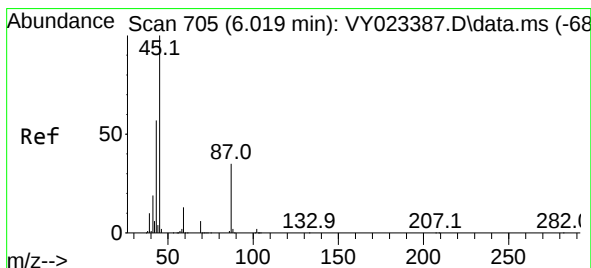
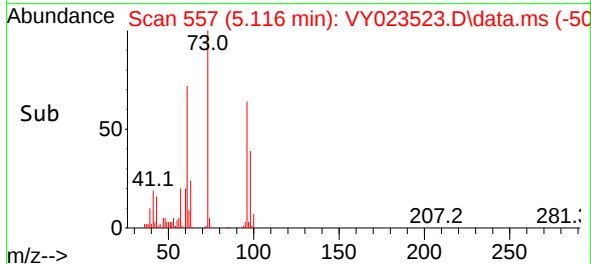
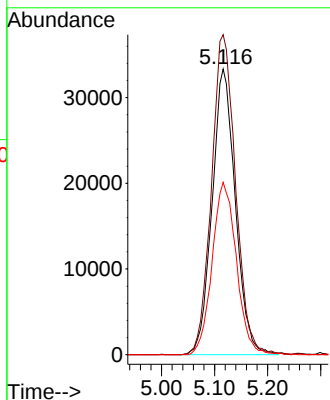
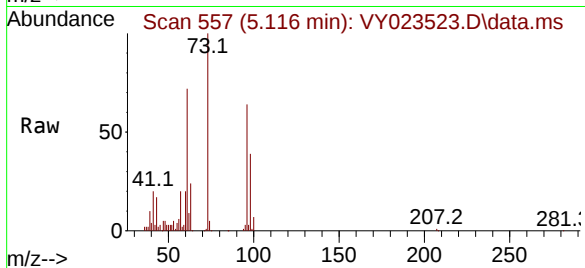




#21
trans-1,2-Dichloroethene
Concen: 20.955 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

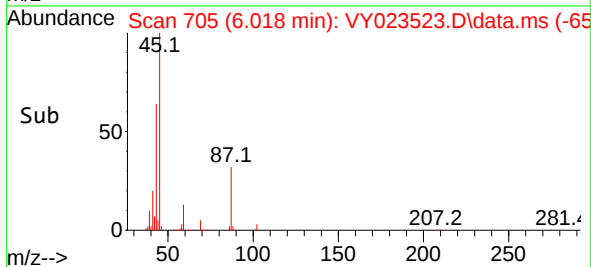
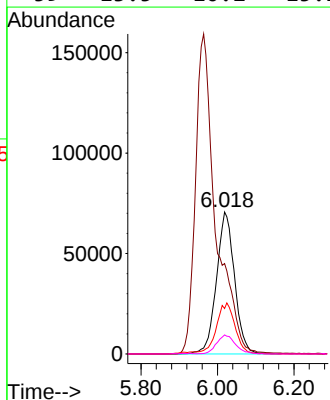
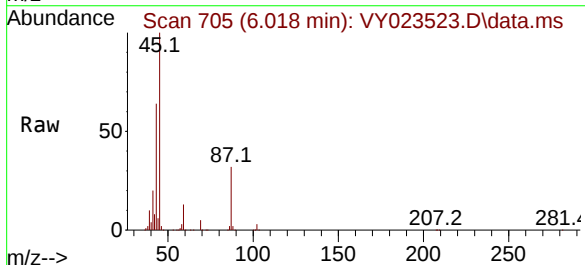
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

Tgt Ion: 96 Resp: 101665
Ion Ratio Lower Upper
96 100
61 112.0 92.7 139.1
98 60.3 49.7 74.5



#22
Diisopropyl ether
Concen: 19.559 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 45 Resp: 232353
Ion Ratio Lower Upper
45 100
43 63.5 45.6 68.4
87 32.0 28.1 42.1
59 13.5 10.2 15.2

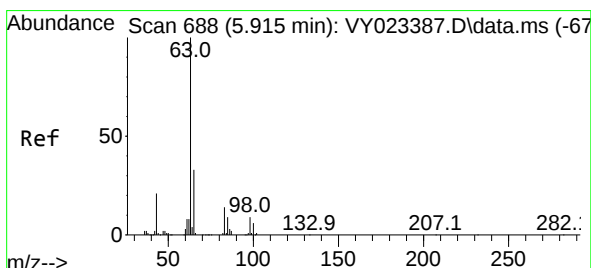
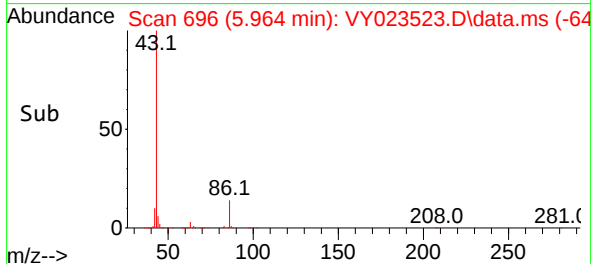
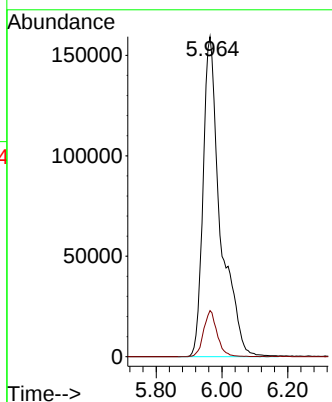
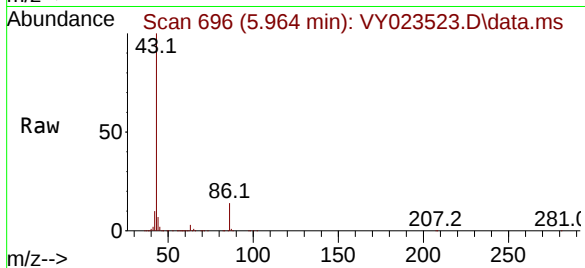




#23
 Vinyl Acetate
 Concen: 91.178 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023523.D
 Acq: 21 Oct 2025 10:04

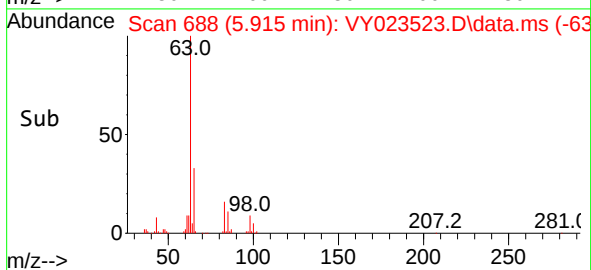
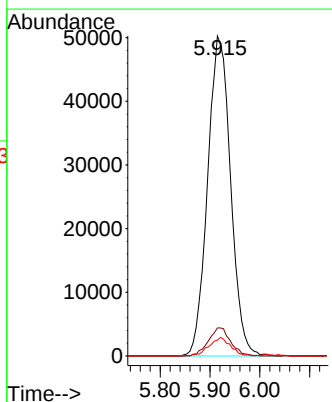
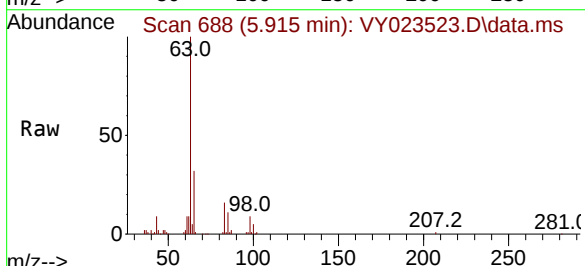
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBS01

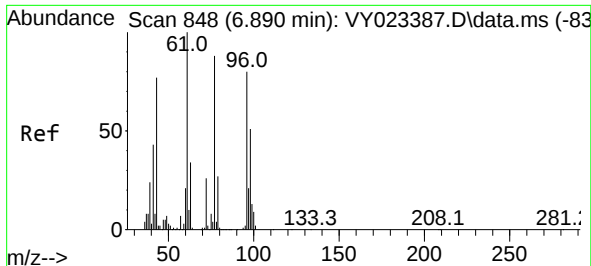
Tgt Ion: 43 Resp: 586288
 Ion Ratio Lower Upper
 43 100
 86 14.4 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.465 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023523.D
 Acq: 21 Oct 2025 10:04

Tgt Ion: 63 Resp: 161044
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.3 13.1
 100 4.9 2.8 8.4





#25

2-Butanone

Concen: 101.820 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

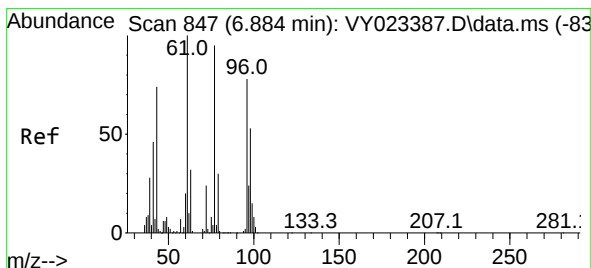
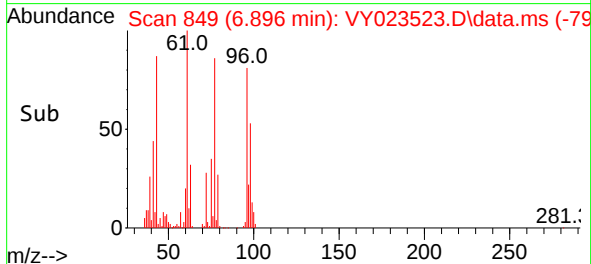
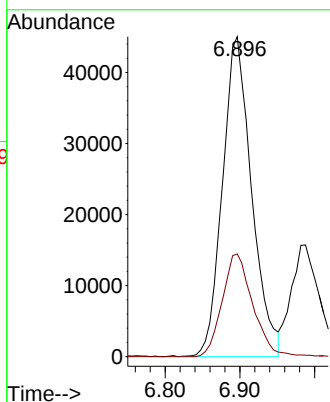
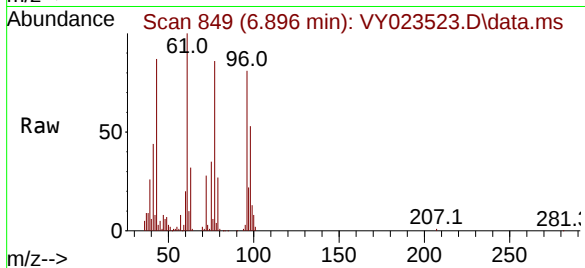
VY1021SBS01

Tgt Ion: 43 Resp: 122251

Ion Ratio Lower Upper

43 100

72 32.1 27.4 41.2



#26

2,2-Dichloropropane

Concen: 20.766 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023523.D

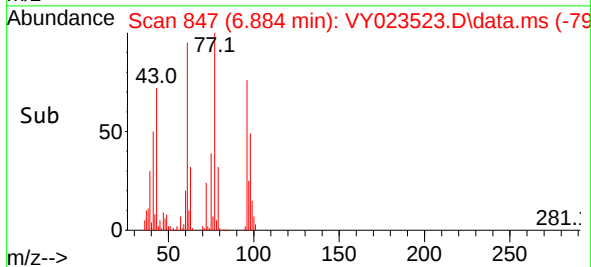
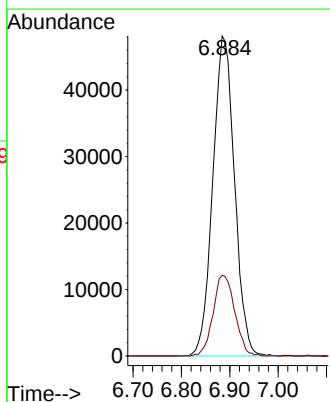
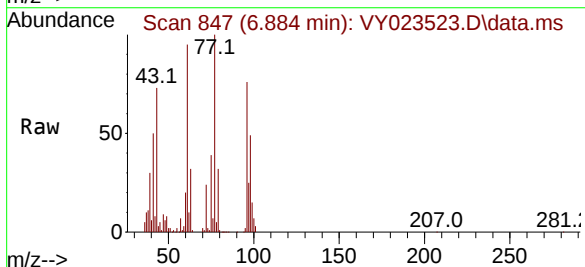
Acq: 21 Oct 2025 10:04

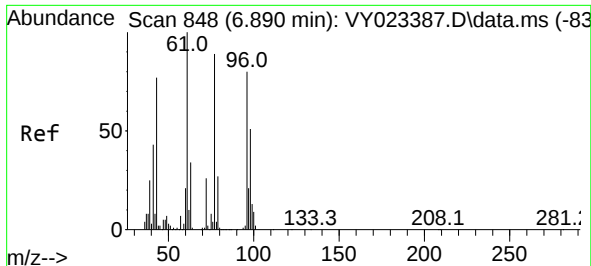
Tgt Ion: 77 Resp: 149940

Ion Ratio Lower Upper

77 100

97 25.1 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 20.682 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBS01

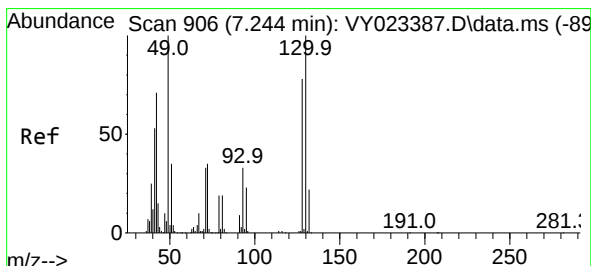
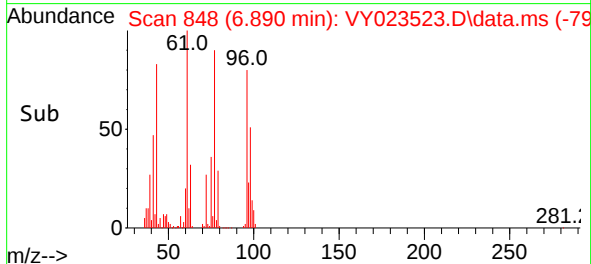
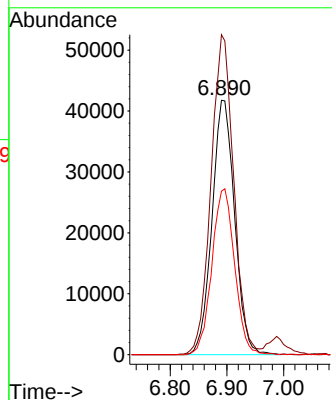
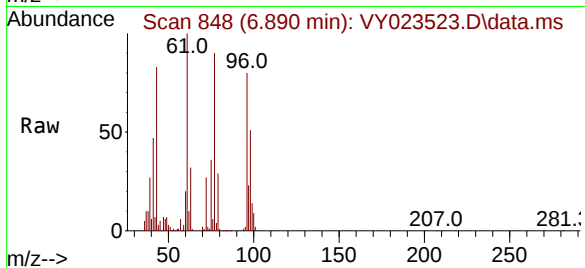
Tgt Ion: 96 Resp: 115907

Ion Ratio Lower Upper

96 100

61 125.9 0.0 258.2

98 65.5 0.0 132.0



#28

Bromochloromethane

Concen: 19.715 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

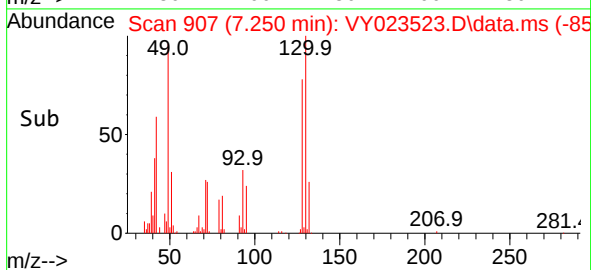
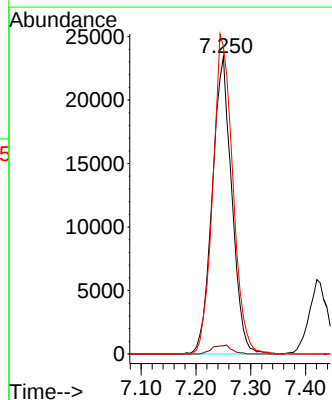
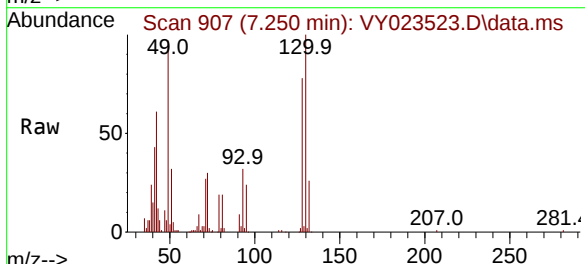
Tgt Ion: 49 Resp: 57916

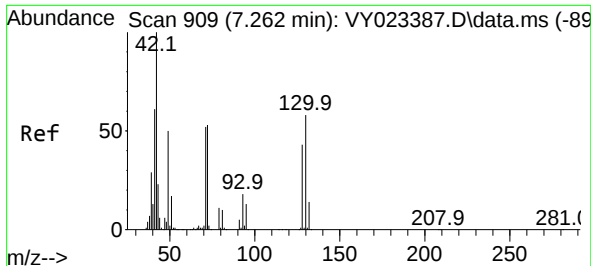
Ion Ratio Lower Upper

49 100

129 3.0 0.0 5.6

130 109.9 81.9 122.9





#29

Tetrahydrofuran

Concen: 80.322 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBS01

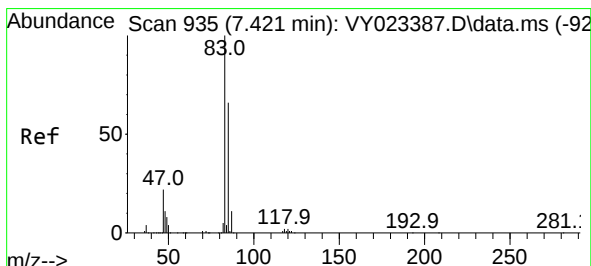
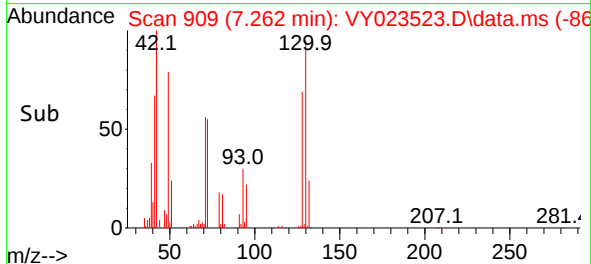
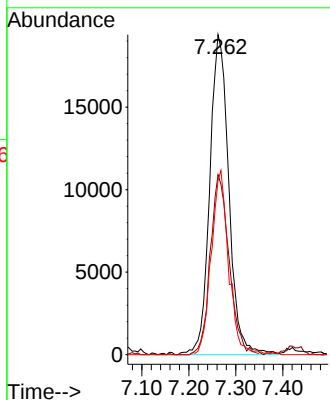
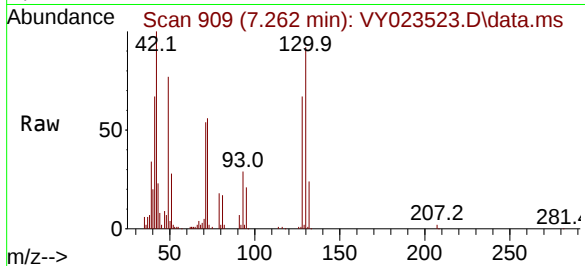
Tgt Ion: 42 Resp: 54688

Ion Ratio Lower Upper

42 100

72 55.6 43.0 64.6

71 52.1 40.1 60.1



#30

Chloroform

Concen: 21.521 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023523.D

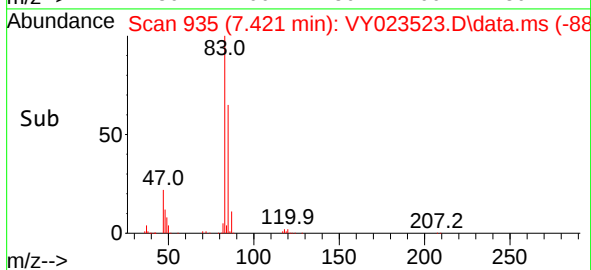
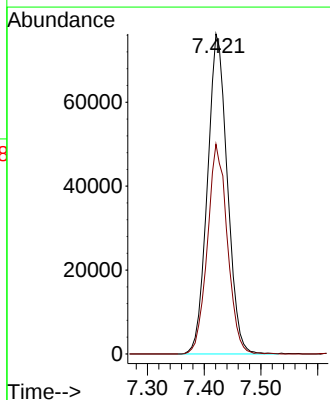
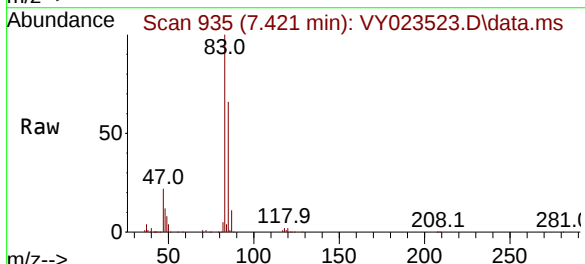
Acq: 21 Oct 2025 10:04

Tgt Ion: 83 Resp: 186069

Ion Ratio Lower Upper

83 100

85 65.5 52.5 78.7

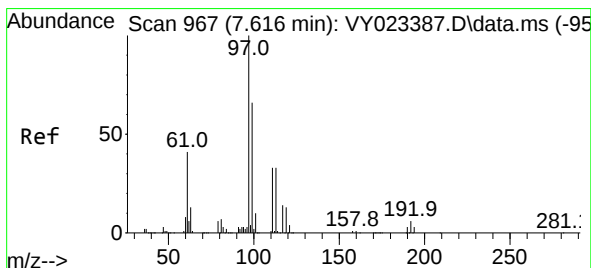
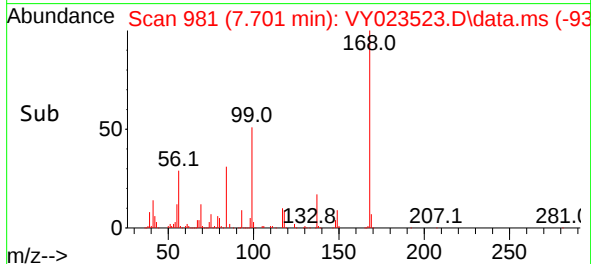
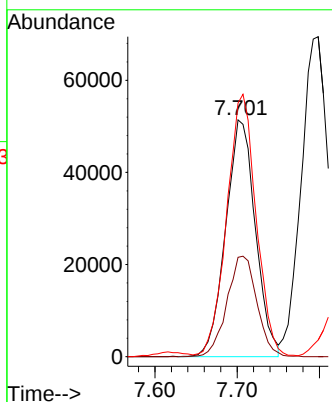
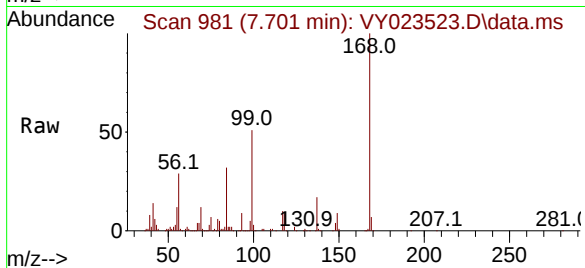




#31
Cyclohexane
Concen: 18.787 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

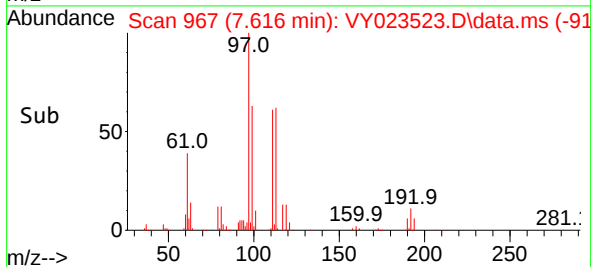
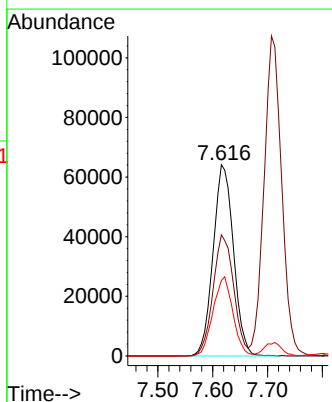
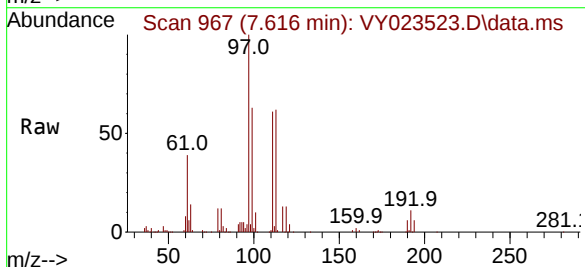
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

Tgt Ion: 56 Resp: 129108
Ion Ratio Lower Upper
56 100
69 41.9 30.0 45.0
84 105.3 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 21.099 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 97 Resp: 165772
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 40.3 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 46.930 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

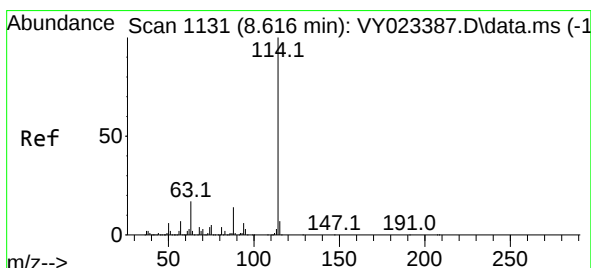
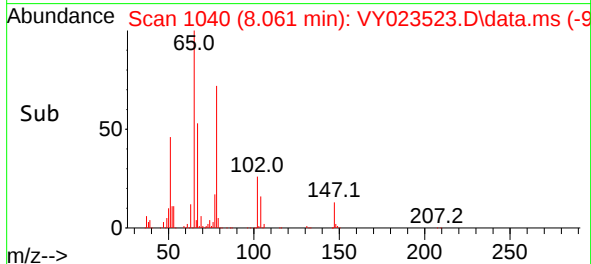
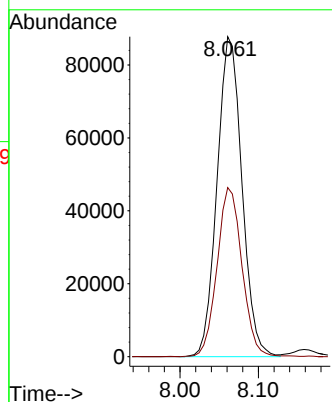
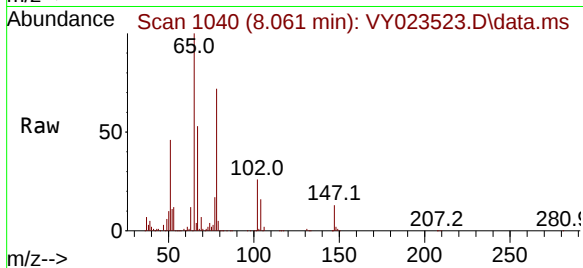
VY1021SBS01

Tgt Ion: 65 Resp: 193871

Ion Ratio Lower Upper

65 100

67 52.9 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: VY023523.D

Acq: 21 Oct 2025 10:04

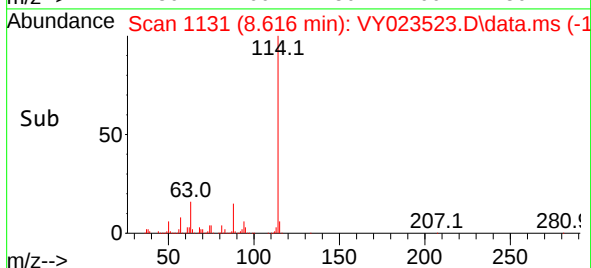
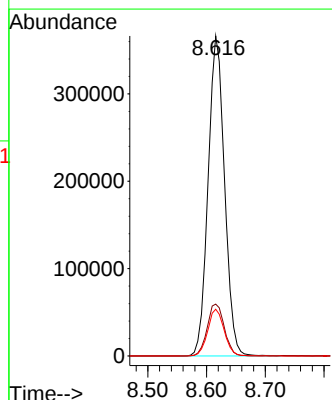
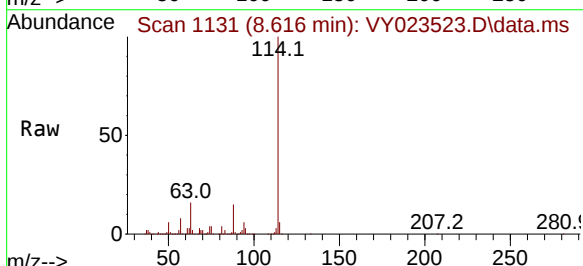
Tgt Ion:114 Resp: 712868

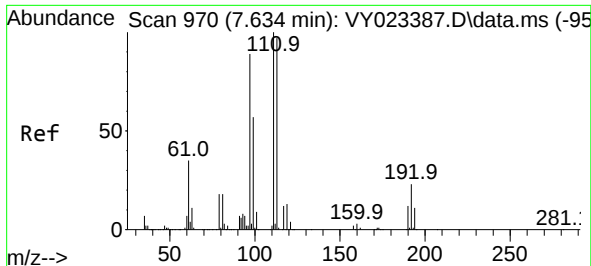
Ion Ratio Lower Upper

114 100

63 16.2 0.0 34.2

88 14.6 0.0 28.4

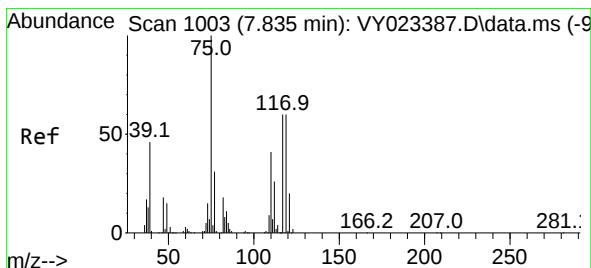
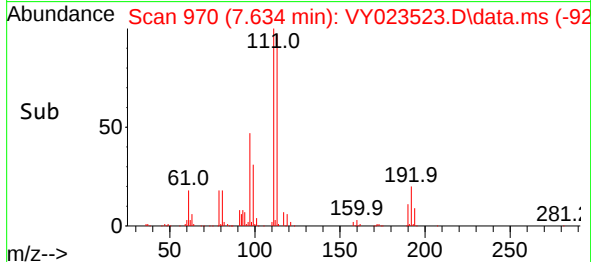
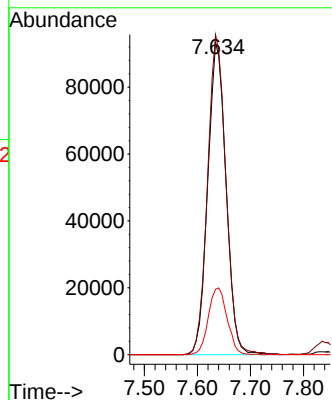
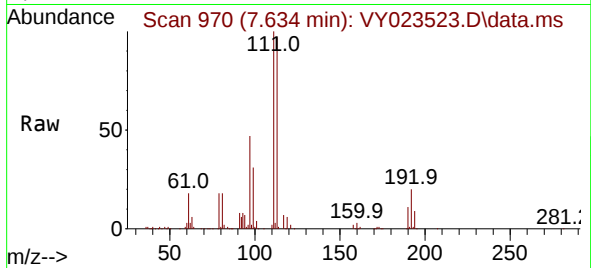




#35
Dibromofluoromethane
Concen: 50.907 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

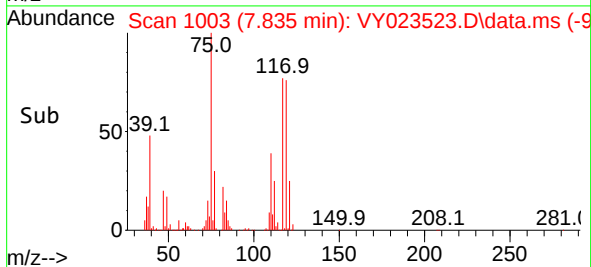
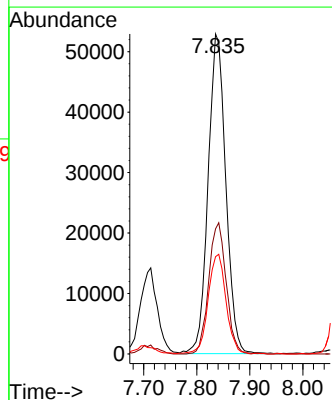
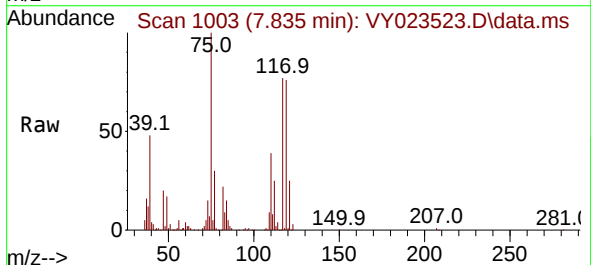
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

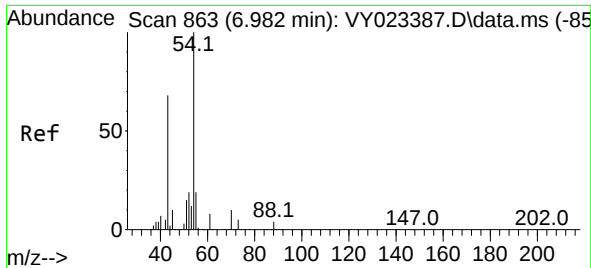
Tgt Ion:113 Resp: 222986
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 22.1 18.0 27.0



#36
1,1-Dichloropropene
Concen: 21.126 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 75 Resp: 122511
Ion Ratio Lower Upper
75 100
110 40.6 19.9 59.7
77 31.6 25.0 37.6

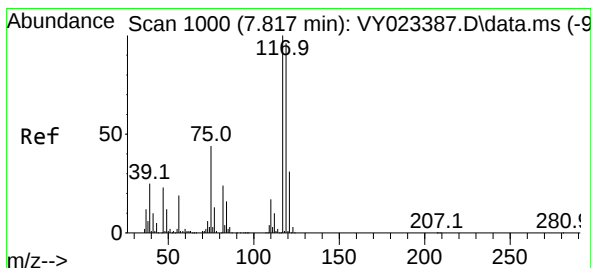
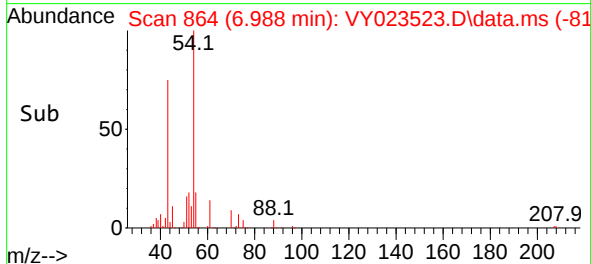
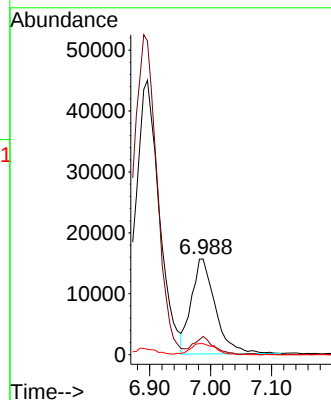
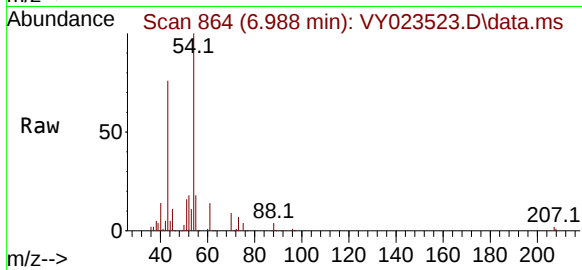




#37
Ethyl Acetate
Concen: 18.518 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

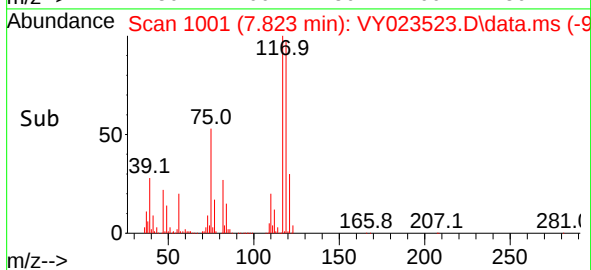
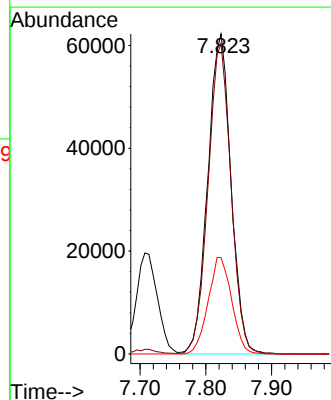
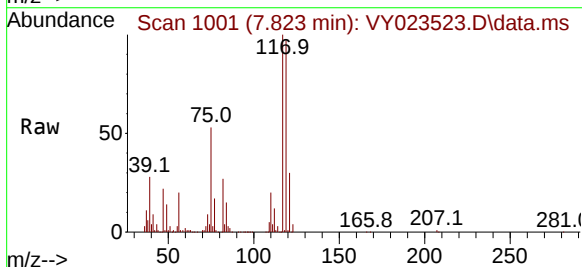
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

Tgt Ion: 43 Resp: 42544
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.8
70 12.5 10.5 15.7



#38
Carbon Tetrachloride
Concen: 21.746 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 117 Resp: 152907
Ion Ratio Lower Upper
117 100
119 97.1 76.8 115.2
121 30.1 24.5 36.7





#39

Methylcyclohexane

Concen: 19.842 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBS01

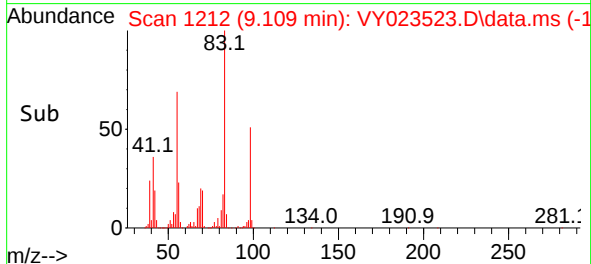
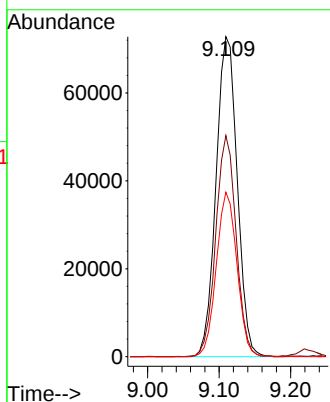
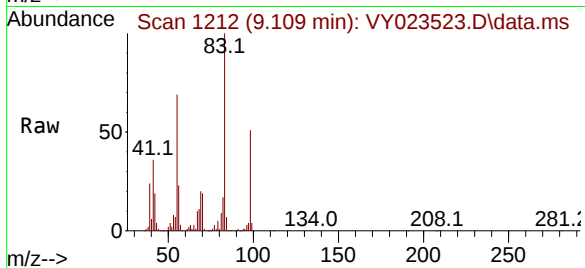
Tgt Ion: 83 Resp: 149816

Ion Ratio Lower Upper

83 100

55 69.0 51.4 77.2

98 51.4 40.4 60.6



#40

Benzene

Concen: 21.591 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023523.D

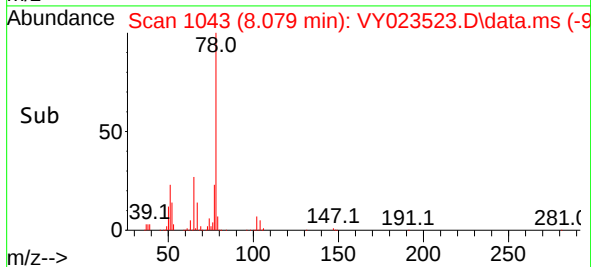
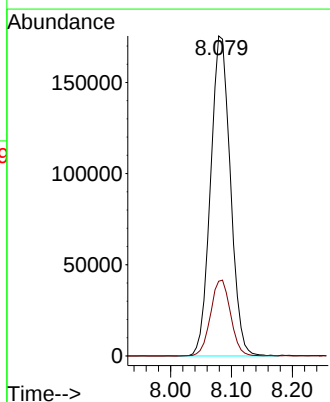
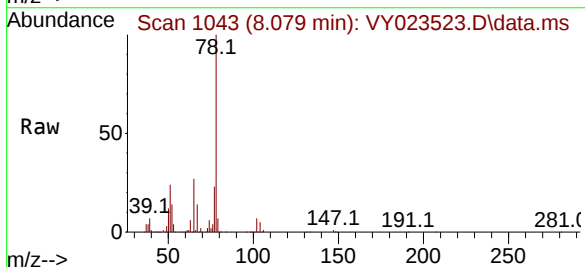
Acq: 21 Oct 2025 10:04

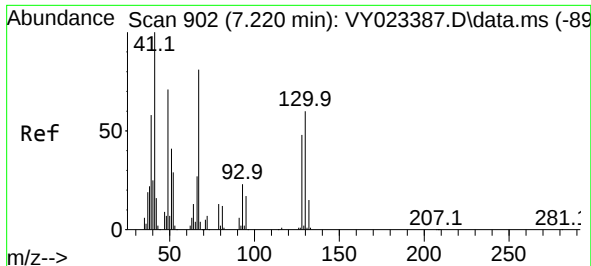
Tgt Ion: 78 Resp: 396525

Ion Ratio Lower Upper

78 100

77 23.3 18.3 27.5

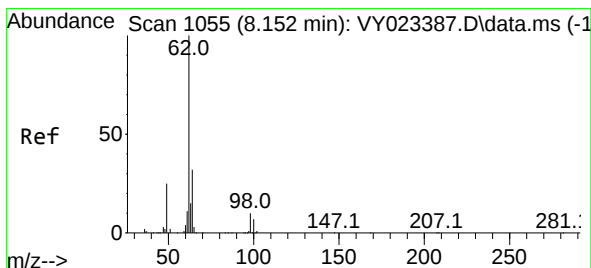
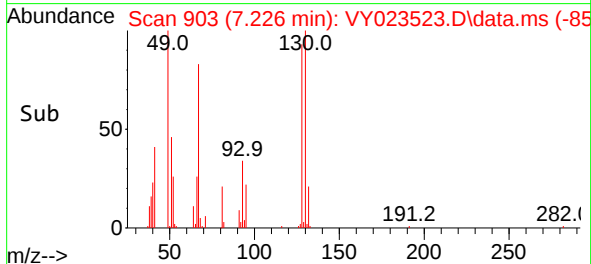
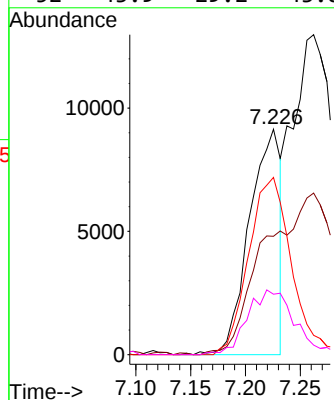
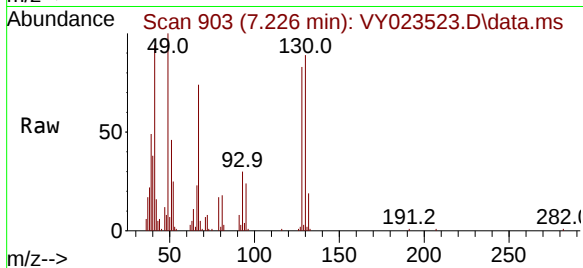




#41
Methacrylonitrile
Concen: 14.664 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

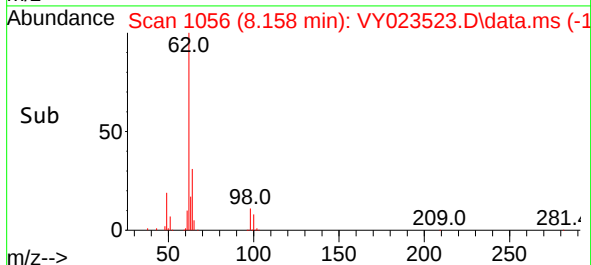
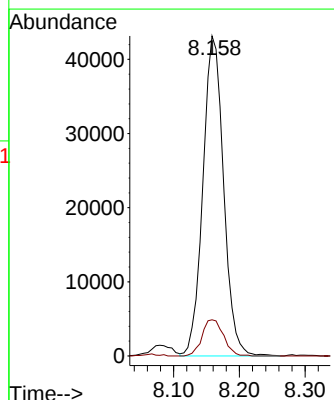
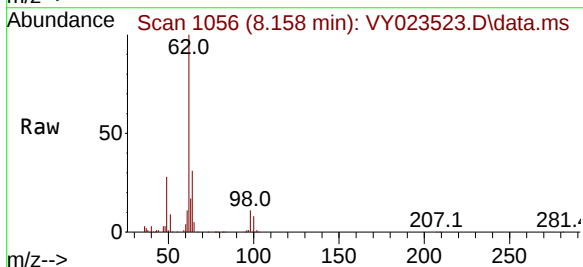
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

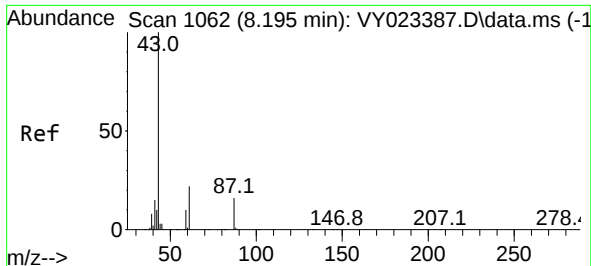
Tgt Ion: 41 Resp: 18221
Ion Ratio Lower Upper
41 100
39 0.0 52.2 78.4#
67 109.6 74.9 112.3
52 43.9 29.2 43.8#



#42
1,2-Dichloroethane
Concen: 19.985 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 62 Resp: 94656
Ion Ratio Lower Upper
62 100
98 11.8 0.0 21.6

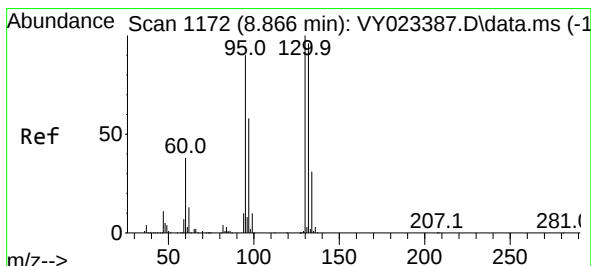
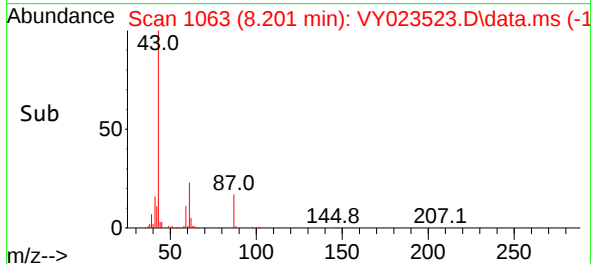
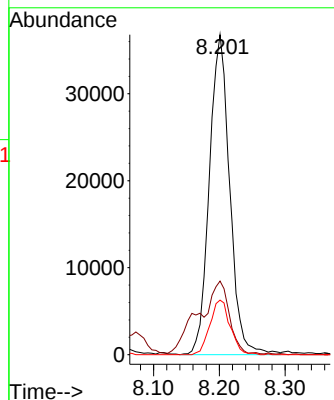
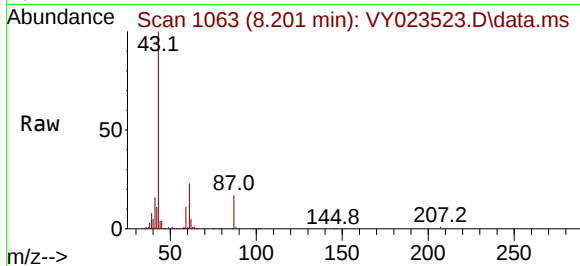




#43
Isopropyl Acetate
Concen: 17.322 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

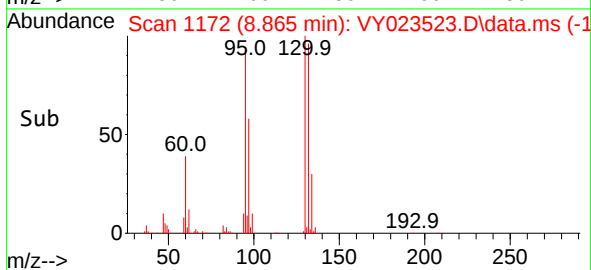
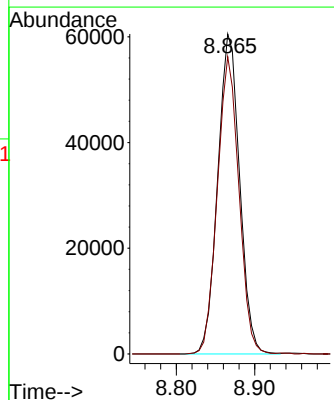
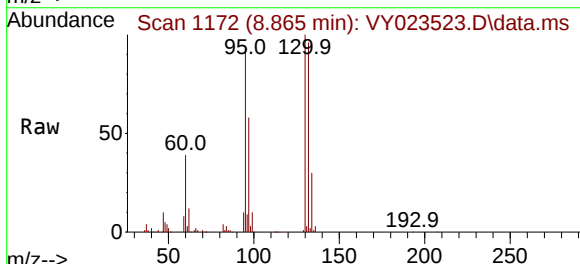
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

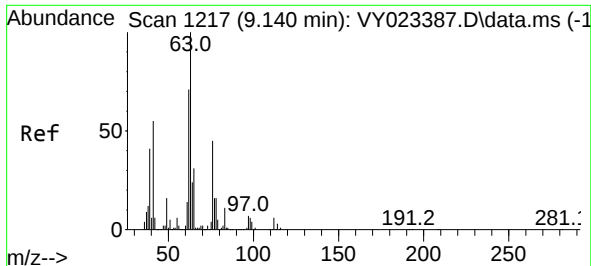
Tgt Ion: 43 Resp: 79352
Ion Ratio Lower Upper
43 100
61 21.5 18.1 27.1
87 17.0 13.5 20.3



#44
Trichloroethene
Concen: 21.916 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion:130 Resp: 117801
Ion Ratio Lower Upper
130 100
95 92.9 0.0 180.6





#45

1,2-Dichloropropane

Concen: 21.475 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

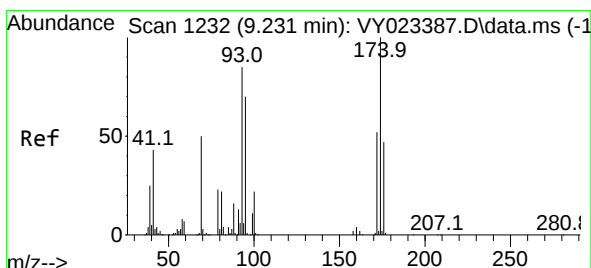
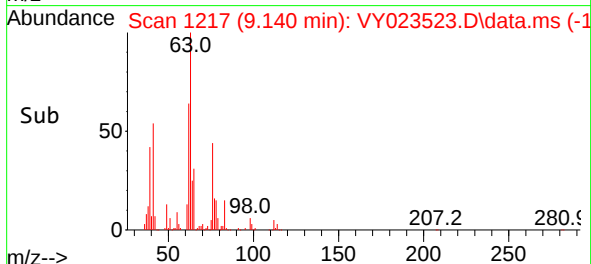
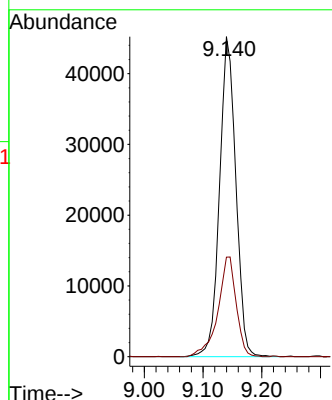
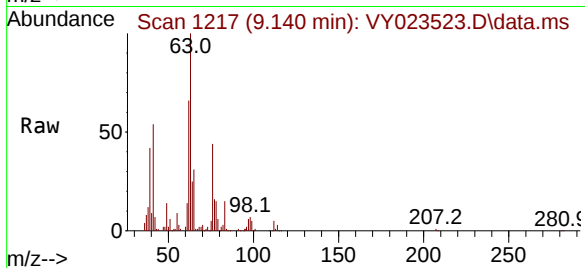
VY1021SBS01

Tgt Ion: 63 Resp: 87109

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 20.610 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

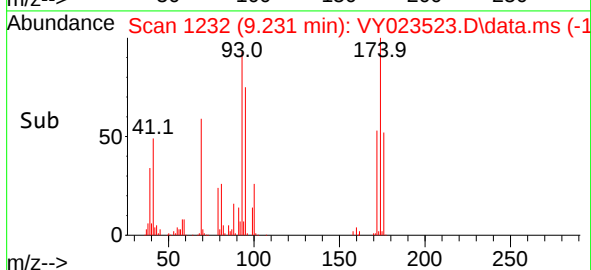
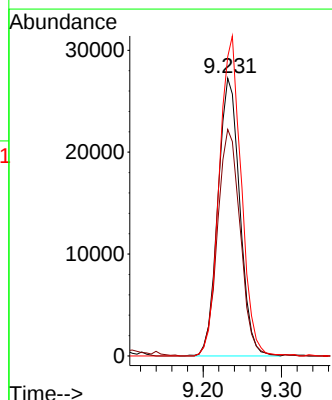
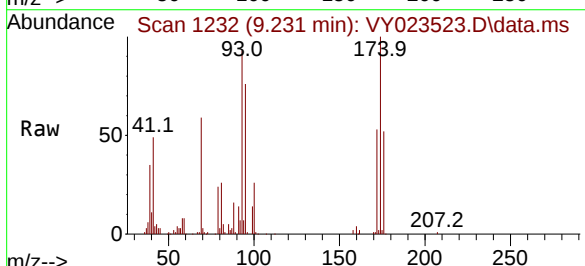
Tgt Ion: 93 Resp: 52865

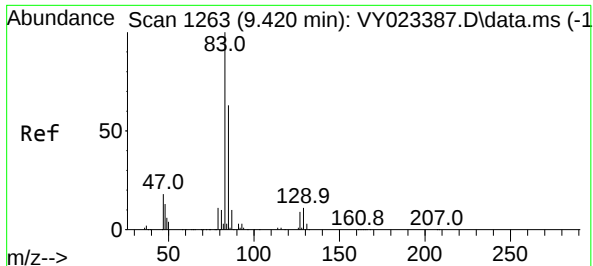
Ion Ratio Lower Upper

93 100

95 84.4 65.4 98.0

174 115.6 92.9 139.3

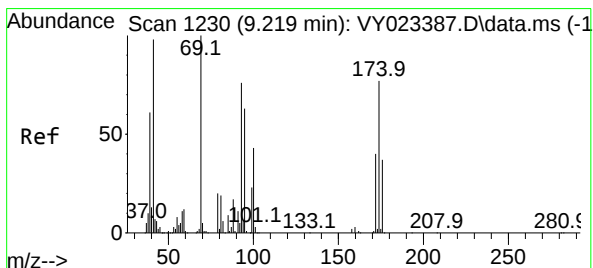
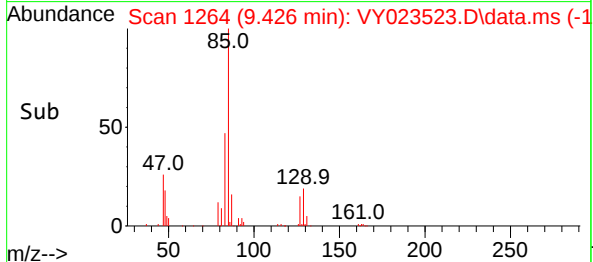
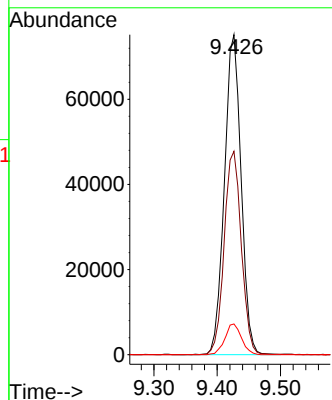
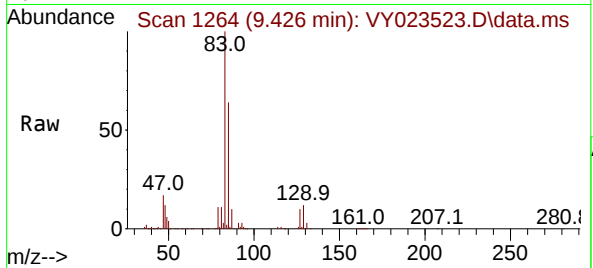




#47
Bromodichloromethane
Concen: 21.284 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

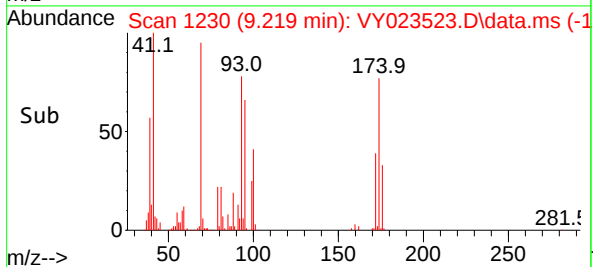
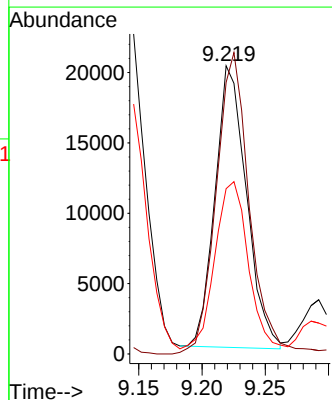
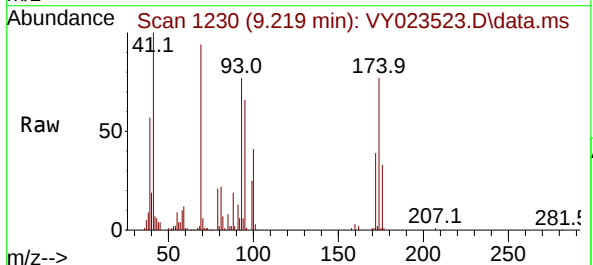
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

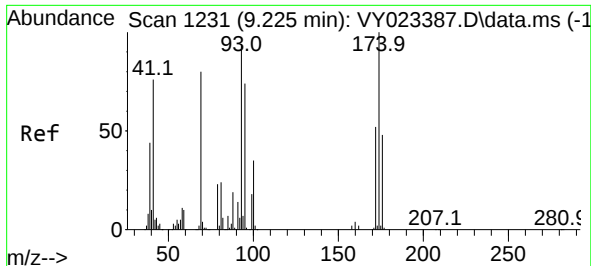
Tgt Ion: 83 Resp: 137492
Ion Ratio Lower Upper
83 100
85 63.6 50.8 76.2
127 9.6 7.4 11.2



#48
Methyl methacrylate
Concen: 16.069 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 41 Resp: 34583
Ion Ratio Lower Upper
41 100
69 113.7 81.0 121.4
39 66.0 48.2 72.4





#49

1,4-Dioxane

Concen: 340.128 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBS01

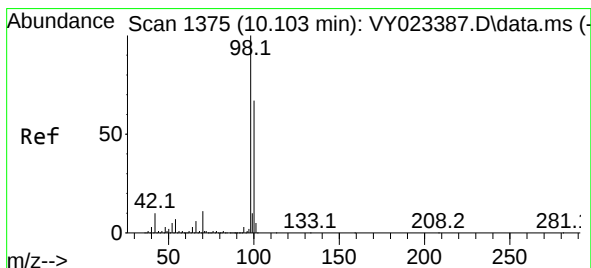
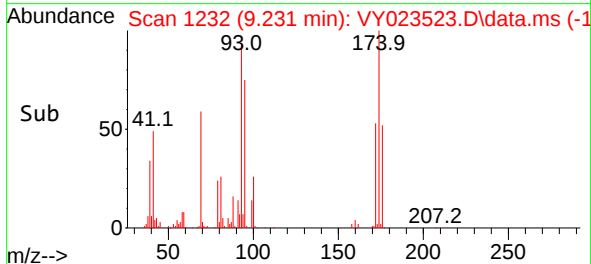
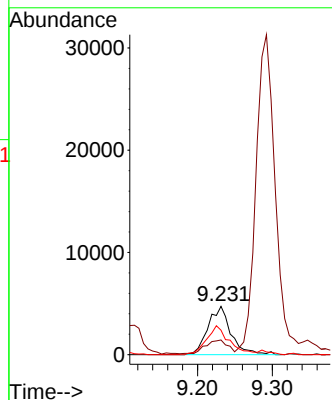
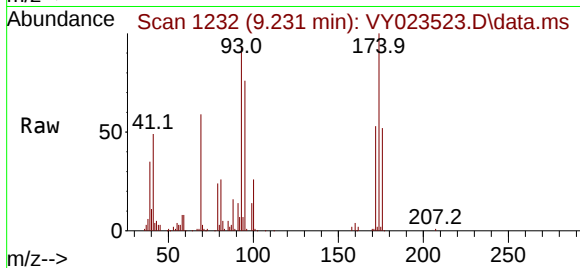
Tgt Ion: 88 Resp: 10115

Ion Ratio Lower Upper

88 100

43 25.6 21.8 32.8

58 59.3 46.8 70.2



#50

Toluene-d8

Concen: 51.335 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023523.D

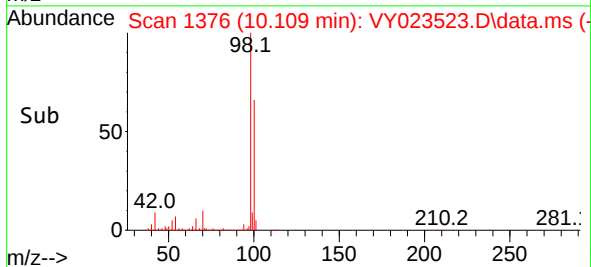
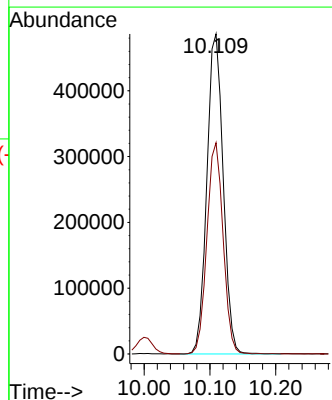
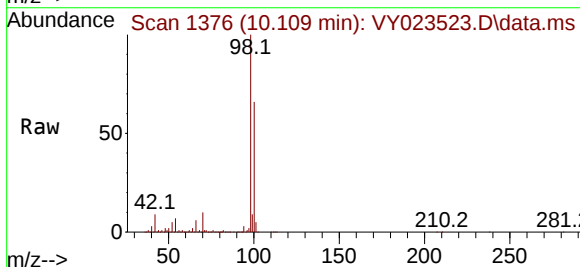
Acq: 21 Oct 2025 10:04

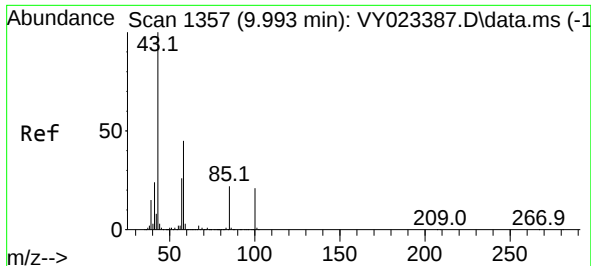
Tgt Ion: 98 Resp: 837402

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4

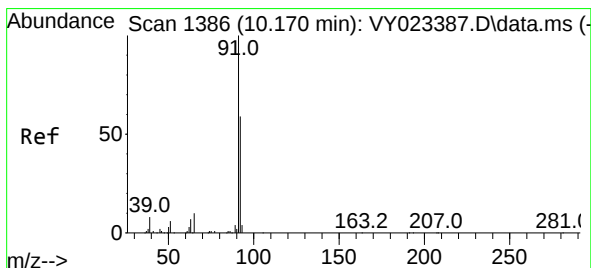
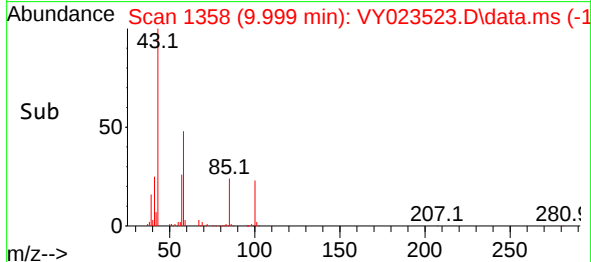
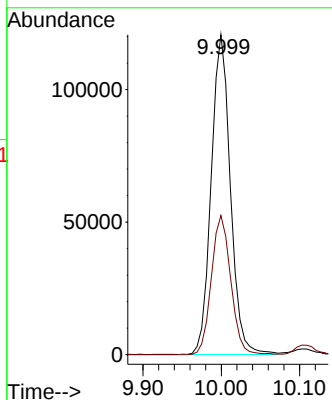
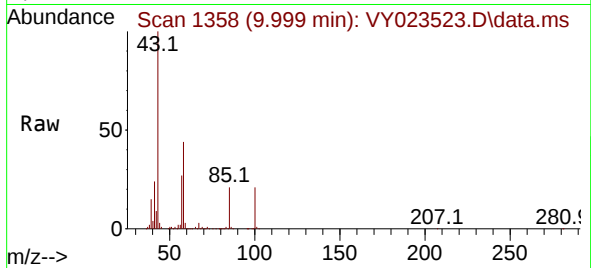




#51
4-Methyl-2-Pentanone
Concen: 86.702 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

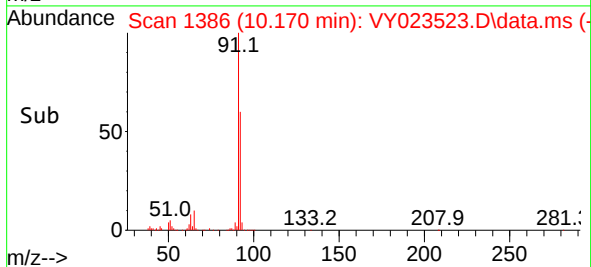
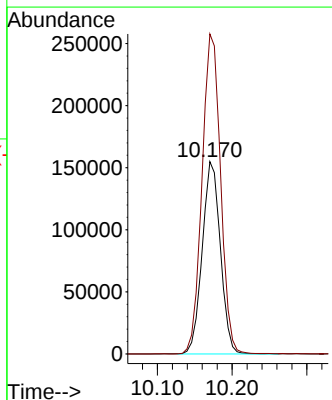
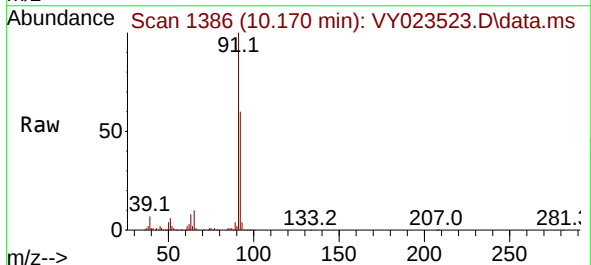
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

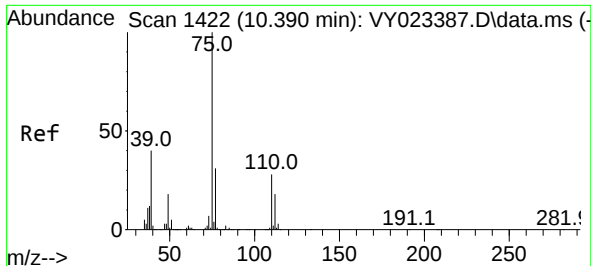
Tgt Ion: 43 Resp: 205212
Ion Ratio Lower Upper
43 100
58 44.1 35.3 52.9



#52
Toluene
Concen: 21.861 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 92 Resp: 260667
Ion Ratio Lower Upper
92 100
91 170.4 136.4 204.6

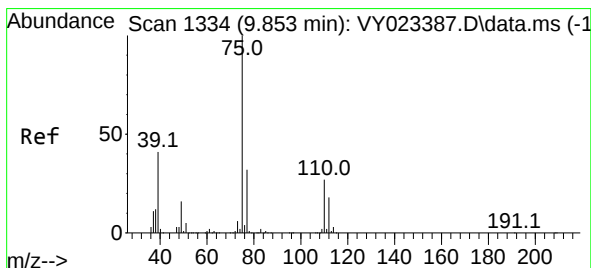
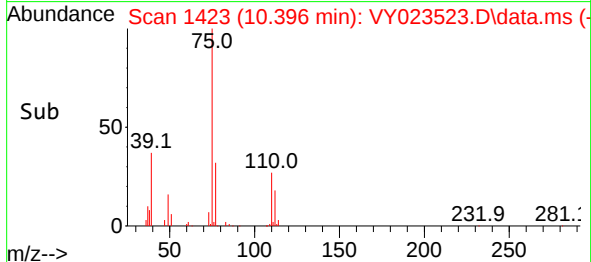
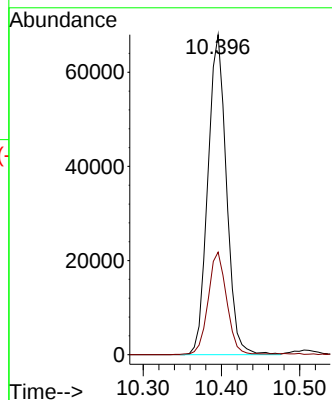
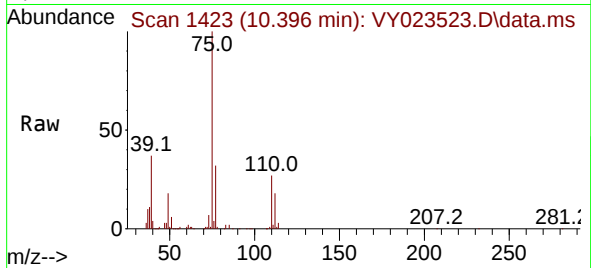




#53
 t-1,3-Dichloropropene
 Concen: 19.932 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023523.D
 Acq: 21 Oct 2025 10:04

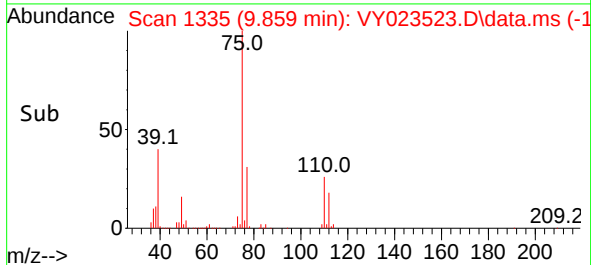
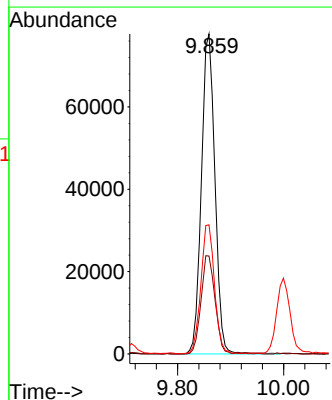
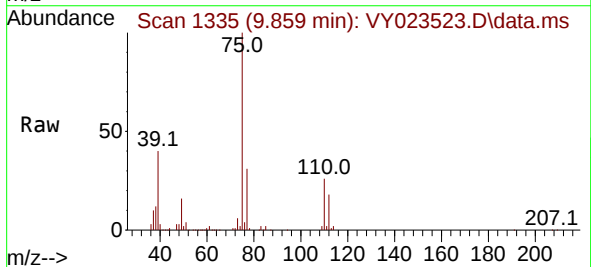
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBS01

Tgt Ion: 75 Resp: 111956
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.802 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023523.D
 Acq: 21 Oct 2025 10:04

Tgt Ion: 75 Resp: 137908
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 40.3 32.8 49.2

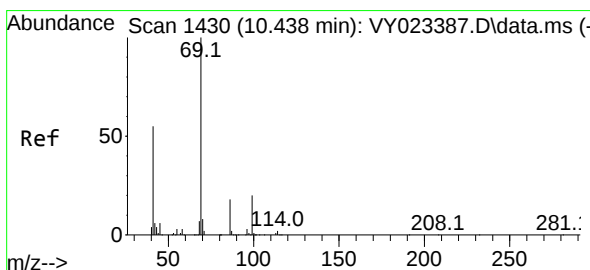
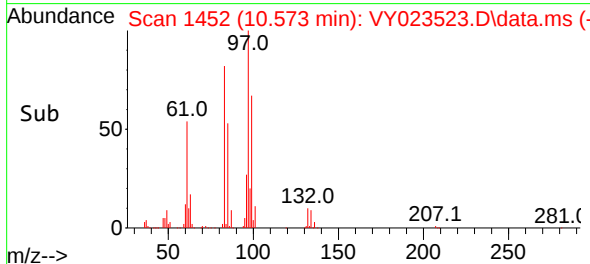
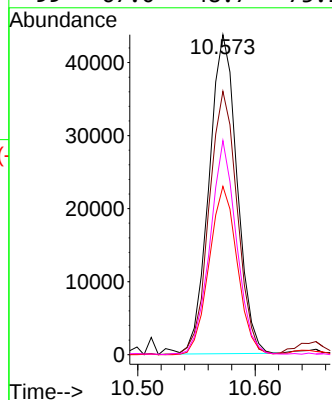
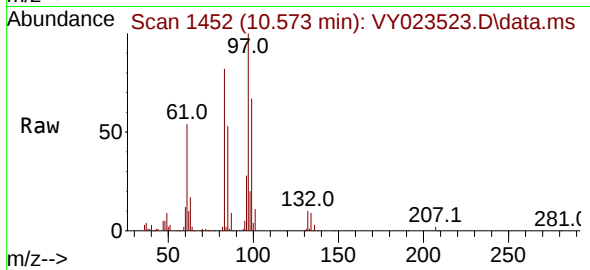




#55
1,1,2-Trichloroethane
Concen: 20.990 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

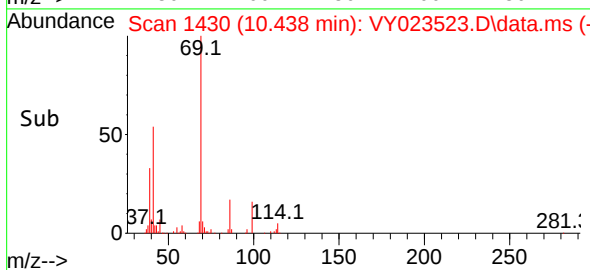
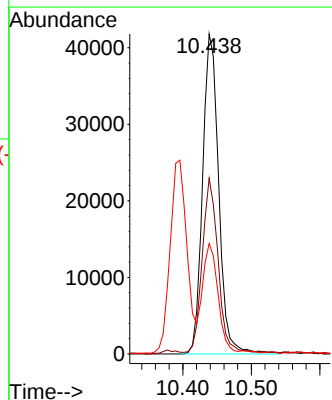
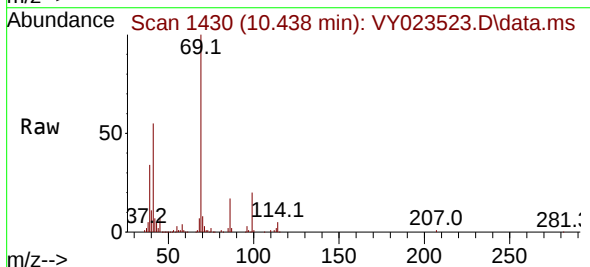
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

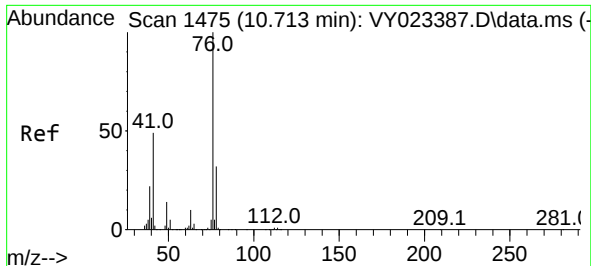
Tgt Ion: 97	Resp: 72400
Ion Ratio	Lower Upper
97 100	
83 82.2	61.8 92.6
85 52.7	41.3 61.9
99 67.0	48.7 73.1



#56
Ethyl methacrylate
Concen: 17.220 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 69	Resp: 68512
Ion Ratio	Lower Upper
69 100	
41 52.6	44.6 67.0
39 31.6	27.0 40.4





#57

1,3-Dichloropropane

Concen: 20.298 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

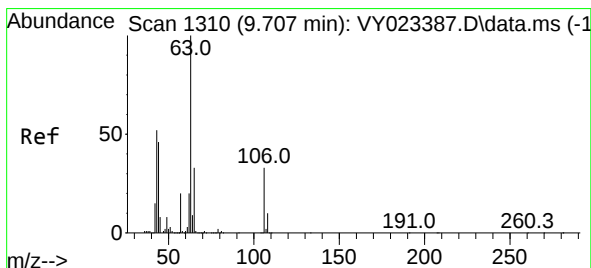
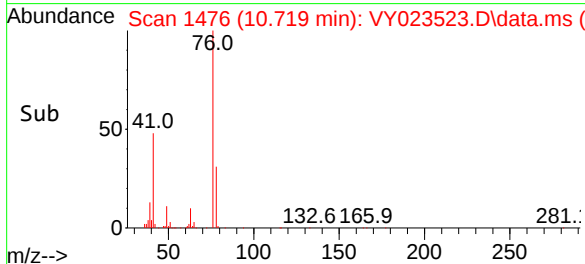
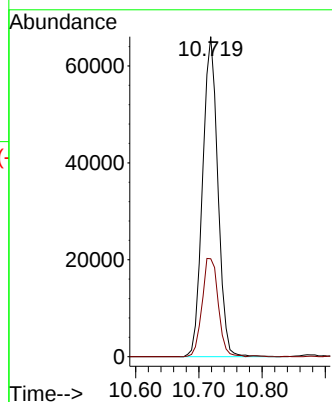
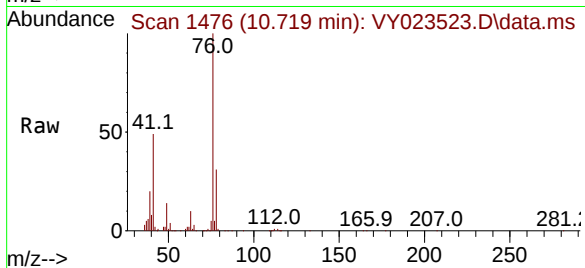
VY1021SBS01

Tgt Ion: 76 Resp: 110943

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 90.396 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023523.D

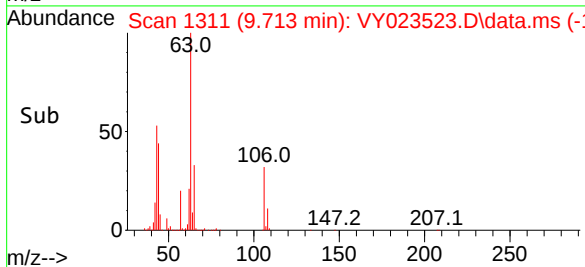
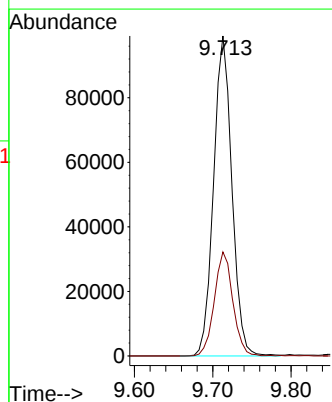
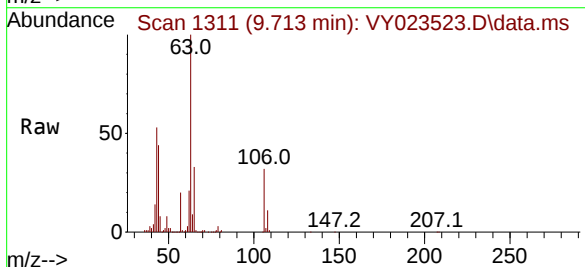
Acq: 21 Oct 2025 10:04

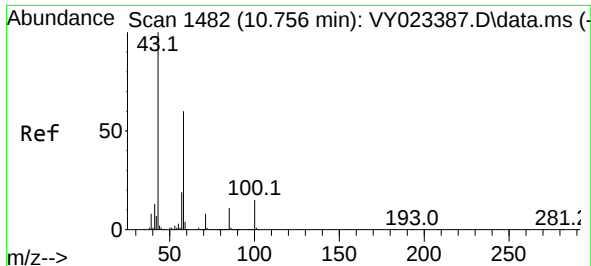
Tgt Ion: 63 Resp: 161119

Ion Ratio Lower Upper

63 100

106 33.0 26.6 39.8

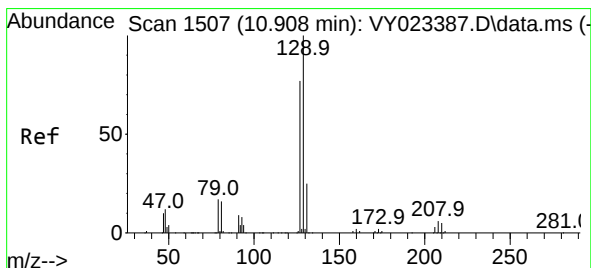
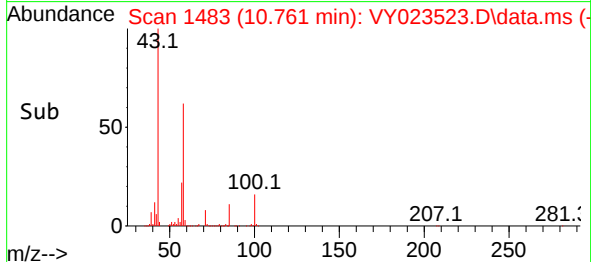
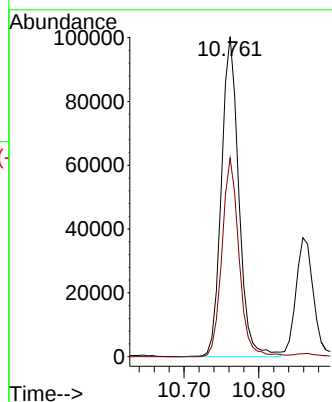
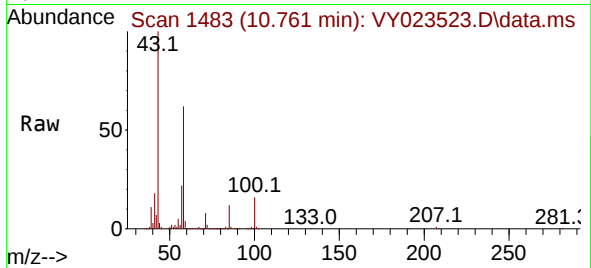




#59
2-Hexanone
Concen: 95.882 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

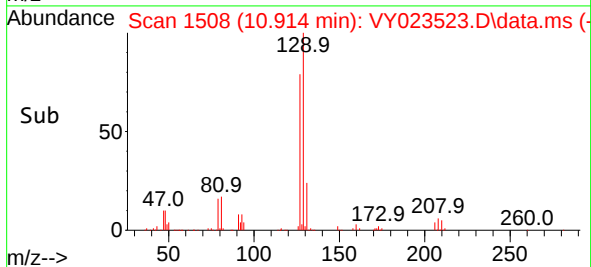
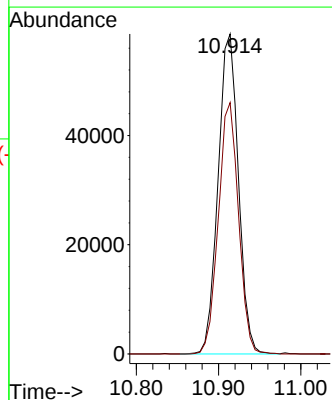
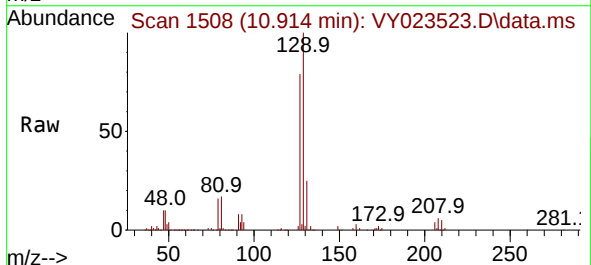
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

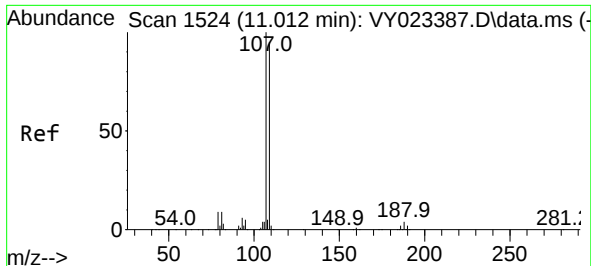
Tgt Ion: 43 Resp: 162182
Ion Ratio Lower Upper
43 100
58 60.9 30.5 91.5



#60
Dibromochloromethane
Concen: 20.815 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 129 Resp: 100658
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.7





#61

1,2-Dibromoethane

Concen: 20.106 ug/l

RT: 11.011 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

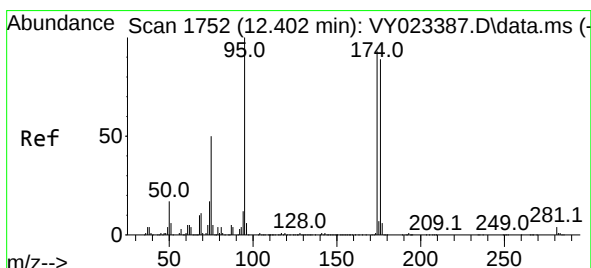
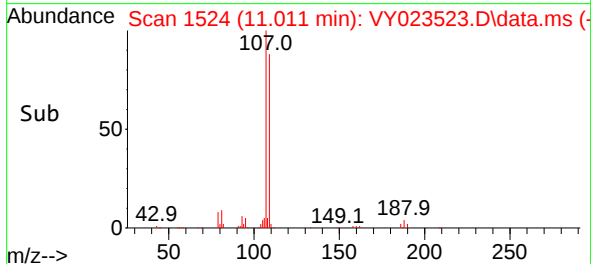
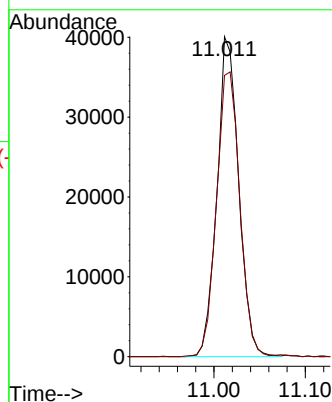
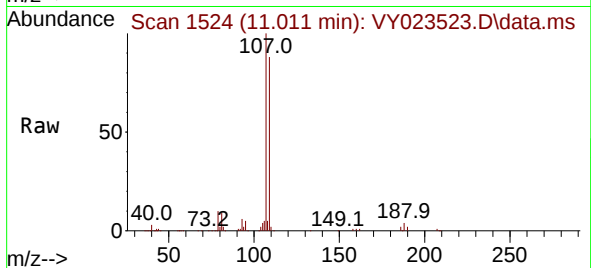
VY1021SBS01

Tgt Ion:107 Resp: 66140

Ion Ratio Lower Upper

107 100

109 95.4 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 49.942 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

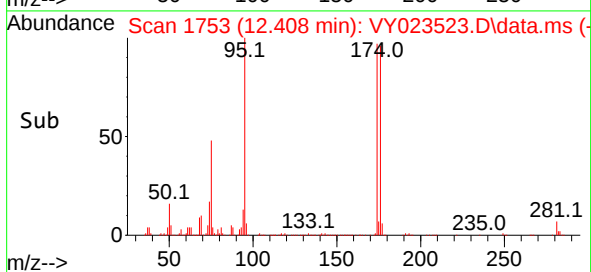
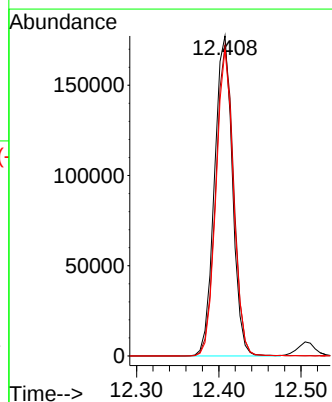
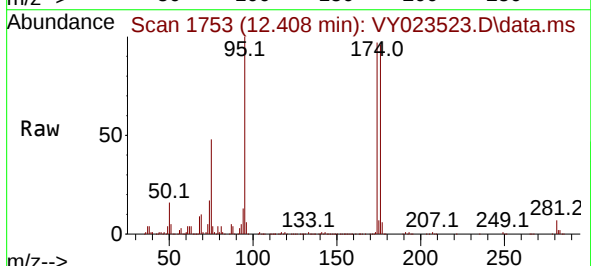
Tgt Ion: 95 Resp: 268965

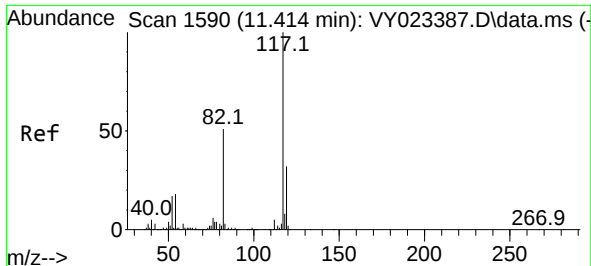
Ion Ratio Lower Upper

95 100

174 97.1 0.0 192.8

176 93.2 0.0 187.6

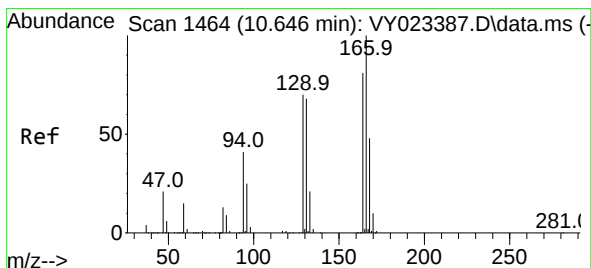
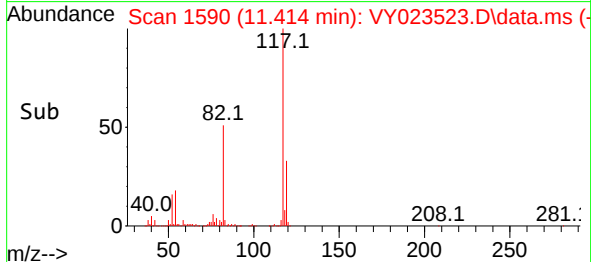
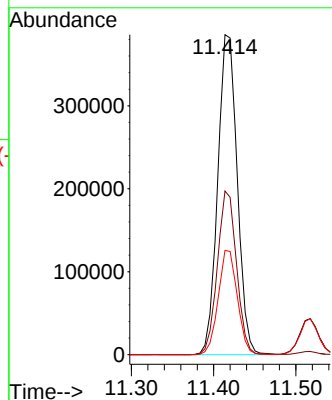
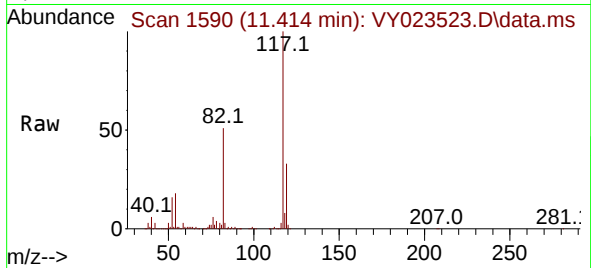




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

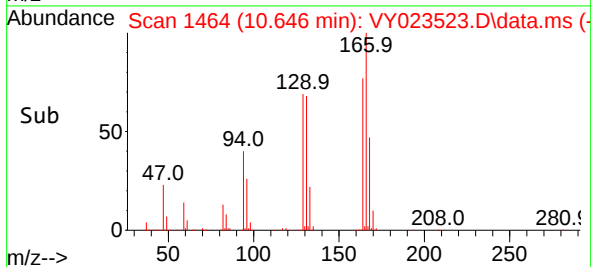
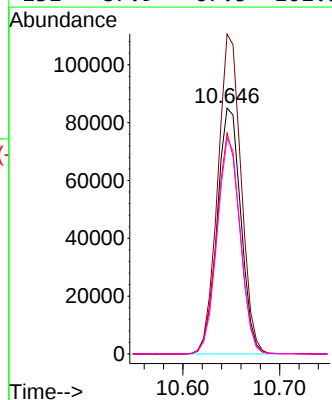
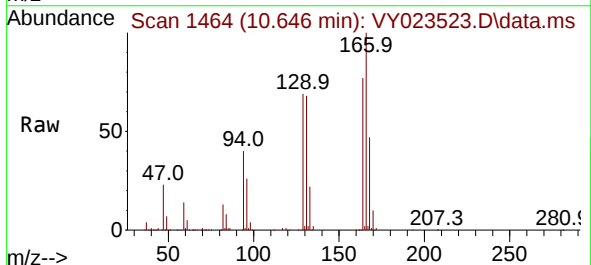
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

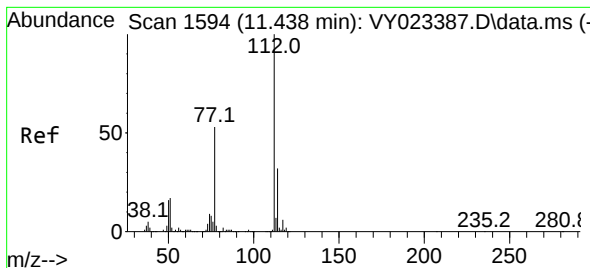
Tgt Ion:117 Resp: 635785
Ion Ratio Lower Upper
117 100
82 51.1 41.0 61.4
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 22.026 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion:164 Resp: 144595
Ion Ratio Lower Upper
164 100
166 130.1 99.4 149.0
129 89.8 69.4 104.2
131 87.9 67.5 101.3

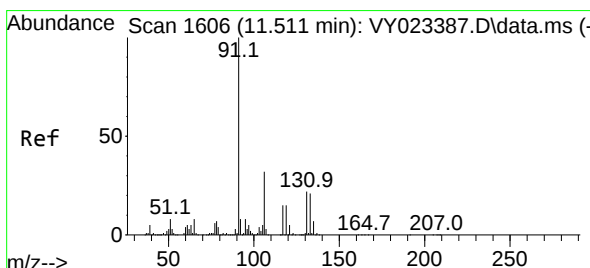
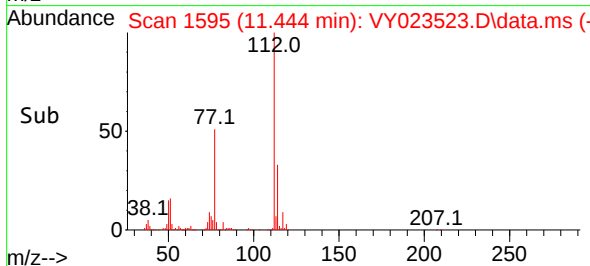
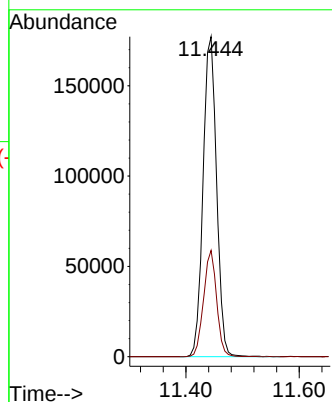
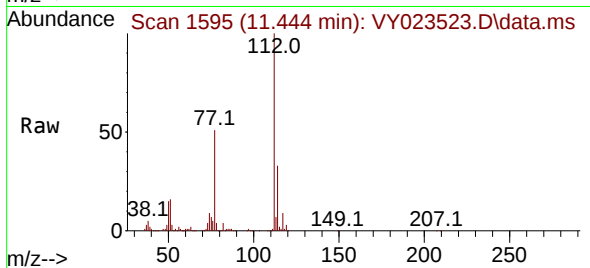




#65
Chlorobenzene
Concen: 21.180 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

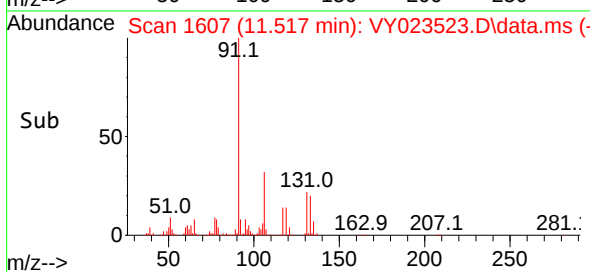
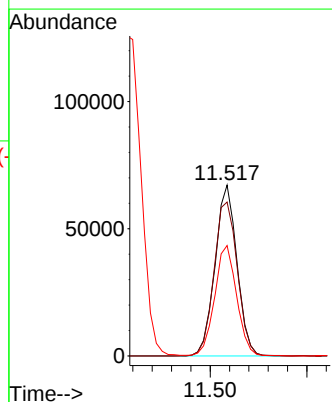
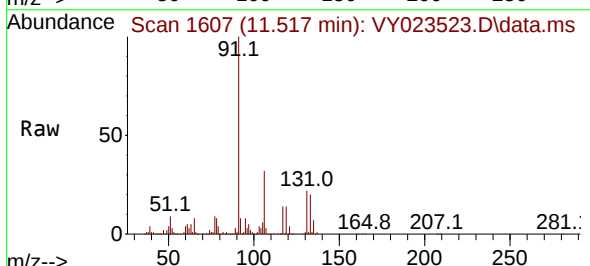
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

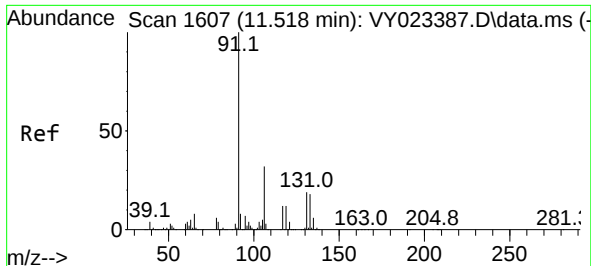
Tgt Ion:112 Resp: 292874
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.413 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion:131 Resp: 105517
Ion Ratio Lower Upper
131 100
133 96.1 48.4 145.2
119 65.2 32.4 97.2

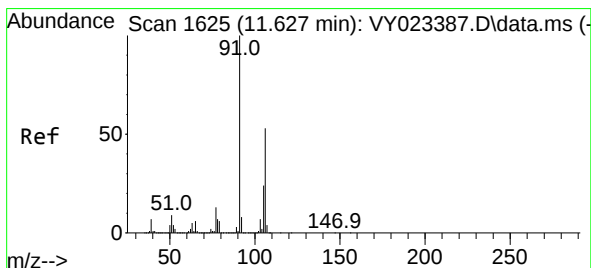
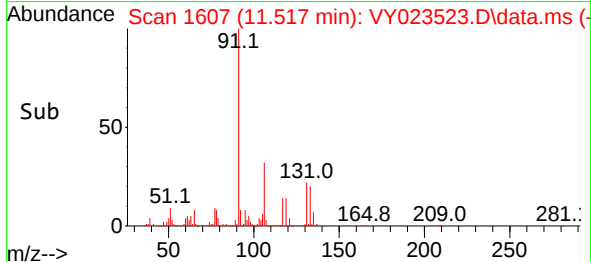
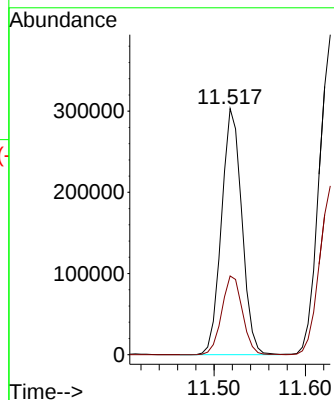
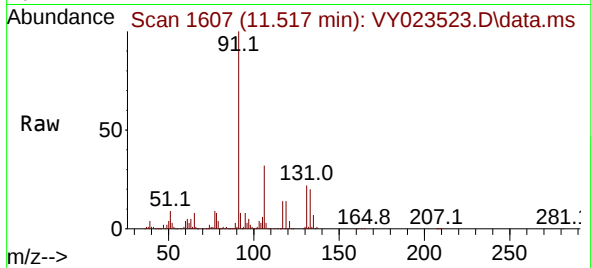




#67
Ethyl Benzene
Concen: 20.972 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

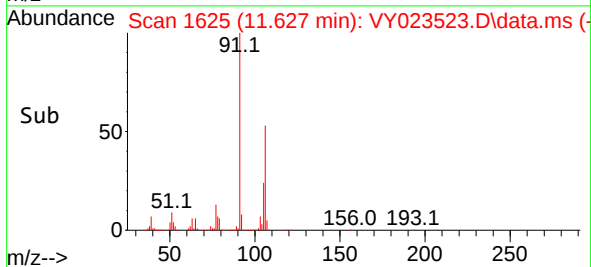
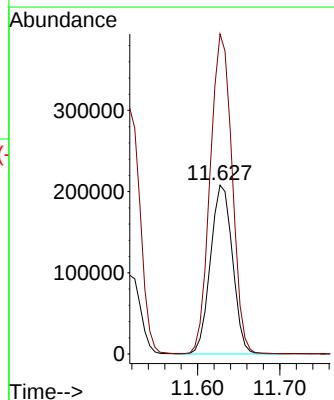
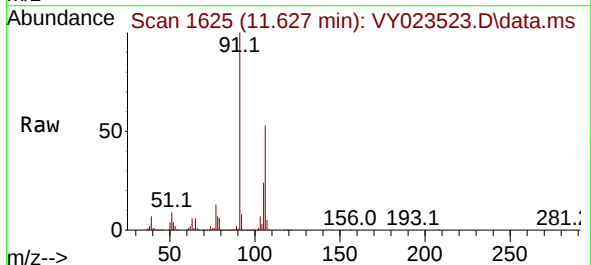
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

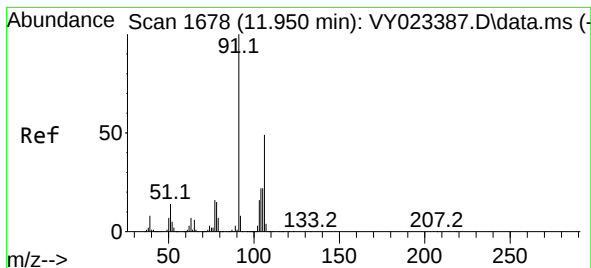
Tgt Ion: 91 Resp: 469417
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.8



#68
m/p-Xylenes
Concen: 43.069 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion:106 Resp: 386672
Ion Ratio Lower Upper
106 100
91 188.5 152.6 229.0





#69

o-Xylene

Concen: 20.563 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

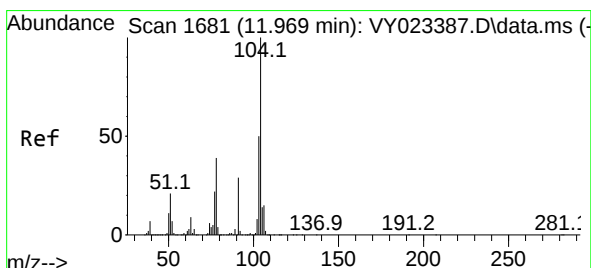
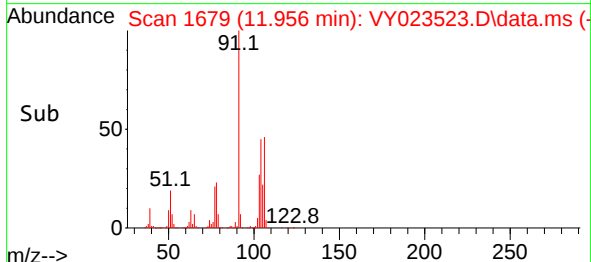
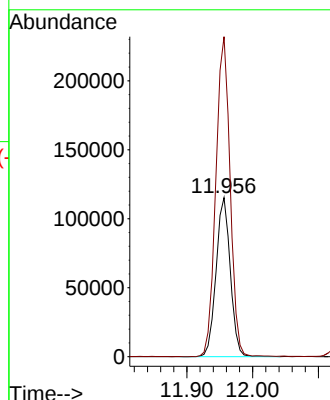
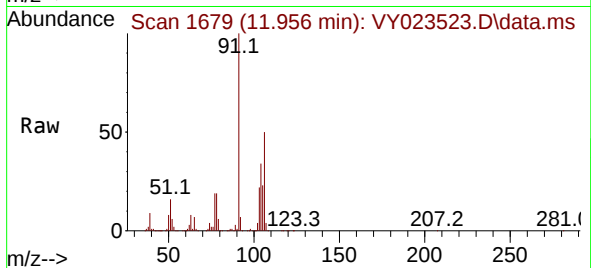
VY1021SBS01

Tgt Ion:106 Resp: 173158

Ion Ratio Lower Upper

106 100

91 202.7 101.4 304.1



#70

Styrene

Concen: 20.968 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

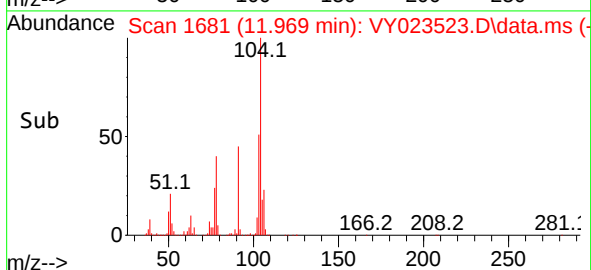
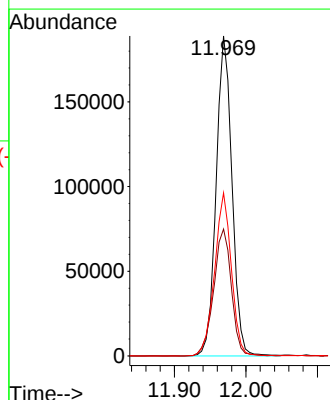
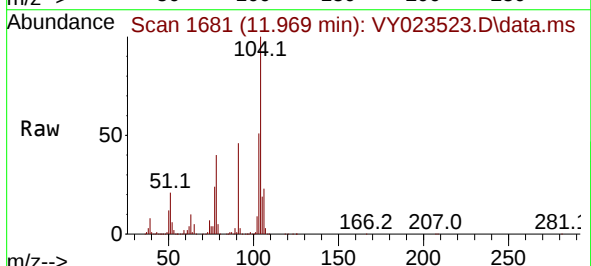
Tgt Ion:104 Resp: 290368

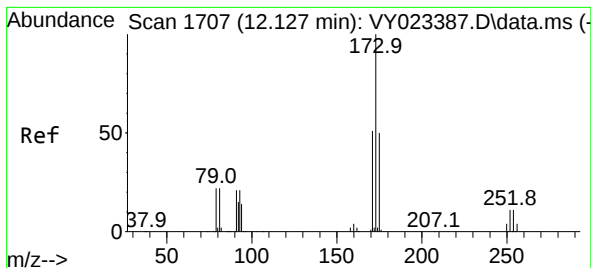
Ion Ratio Lower Upper

104 100

78 44.4 36.1 54.1

103 54.0 43.2 64.8





#71

Bromoform

Concen: 19.497 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBS01

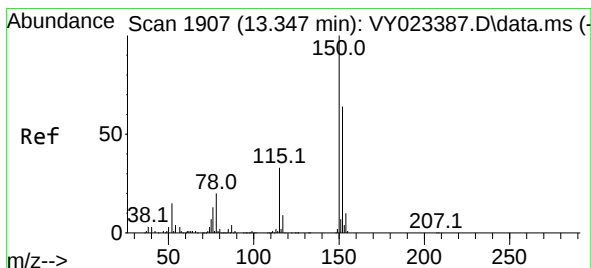
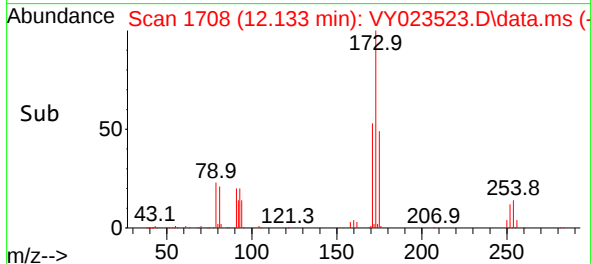
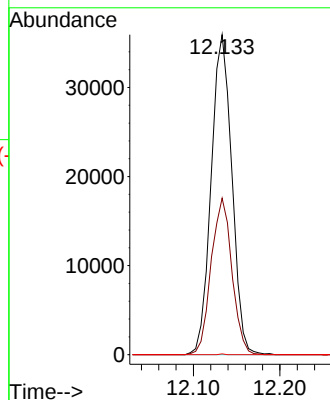
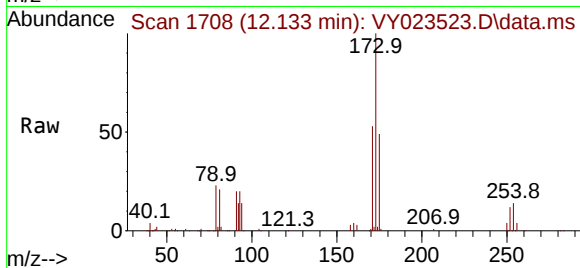
Tgt Ion:173 Resp: 59594

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

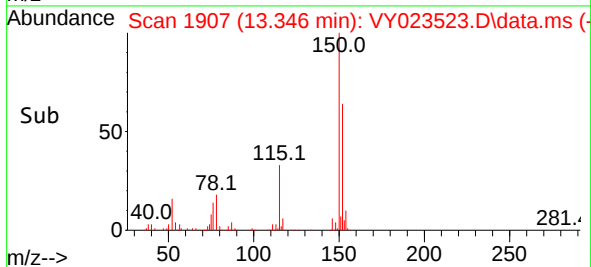
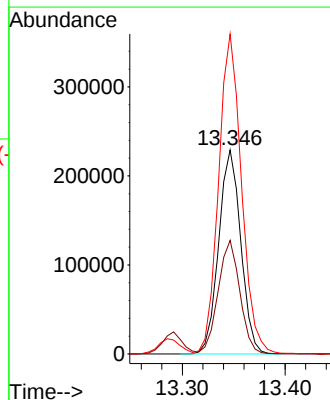
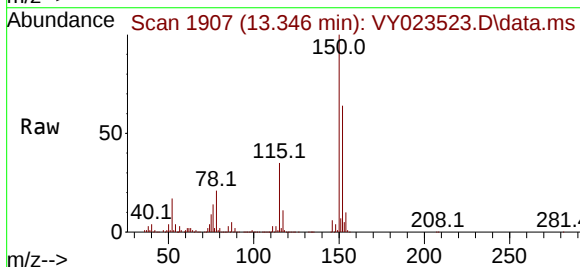
Tgt Ion:152 Resp: 341398

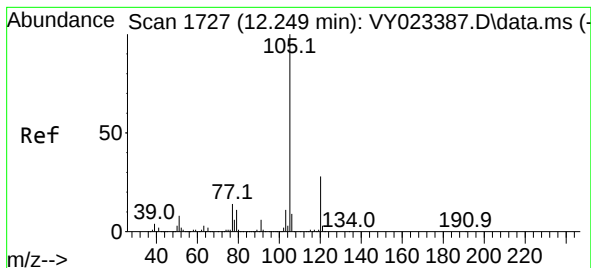
Ion Ratio Lower Upper

152 100

115 54.4 27.1 81.2

150 162.6 0.0 347.4





#73

Isopropylbenzene

Concen: 20.332 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

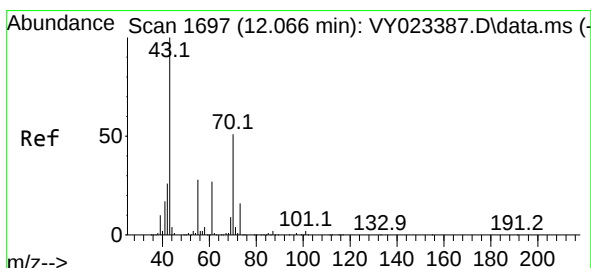
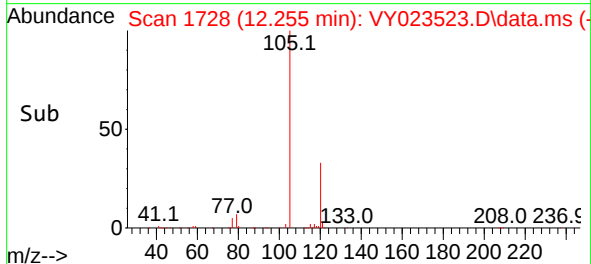
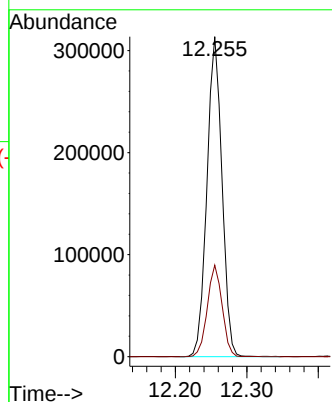
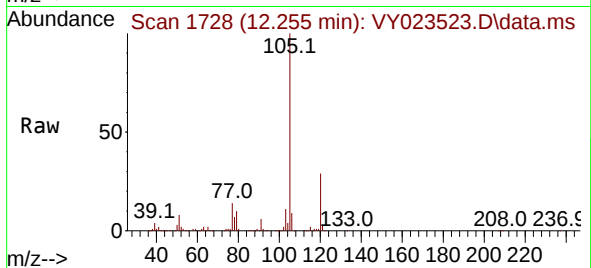
VY1021SBS01

Tgt Ion:105 Resp: 457435

Ion Ratio Lower Upper

105 100

120 28.2 13.9 41.7



#74

N-ethyl acetate

Concen: 15.757 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Tgt Ion: 43 Resp: 63675

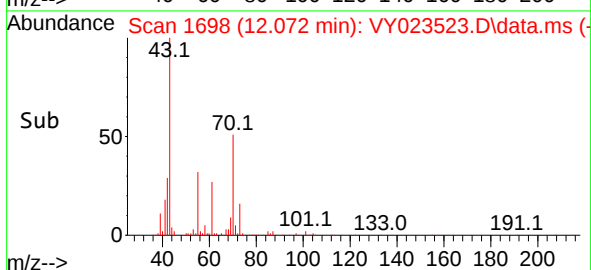
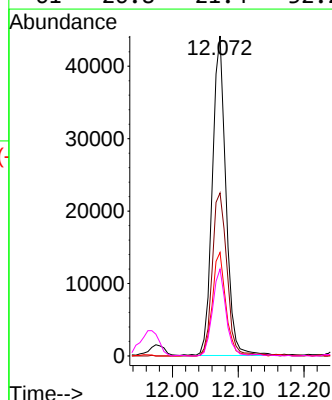
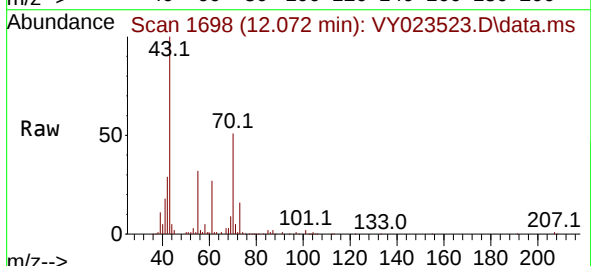
Ion Ratio Lower Upper

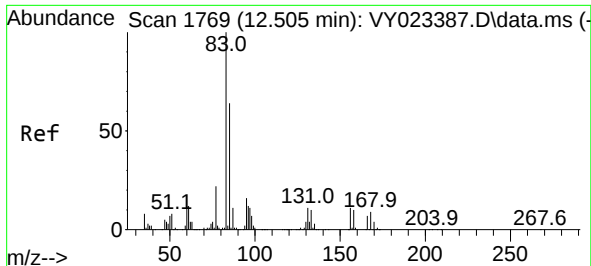
43 100

70 55.1 41.1 61.7

55 32.1 23.0 34.6

61 26.8 21.4 32.2

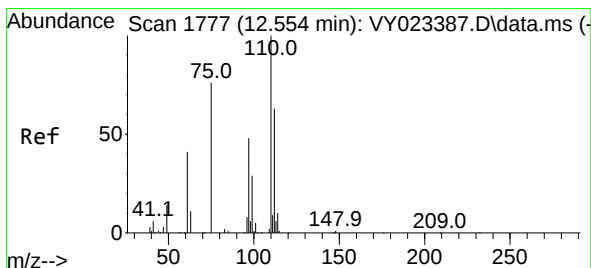
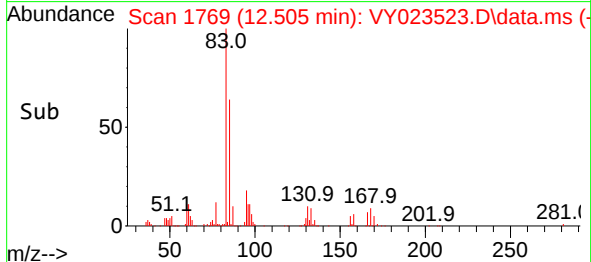
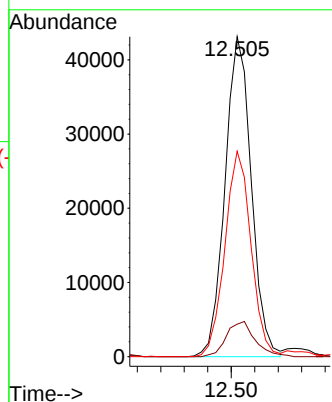
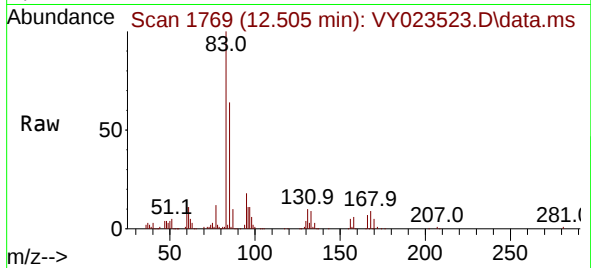




#75
1,1,2,2-Tetrachloroethane
Concen: 18.231 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

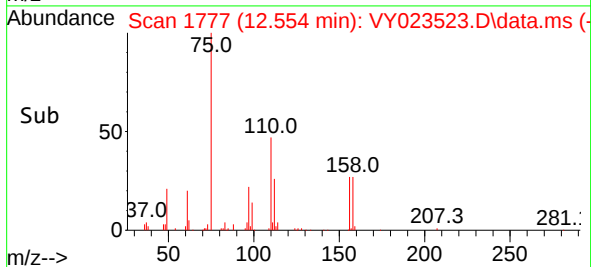
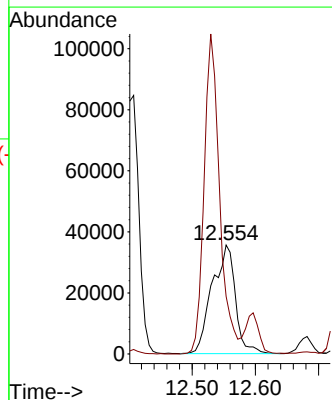
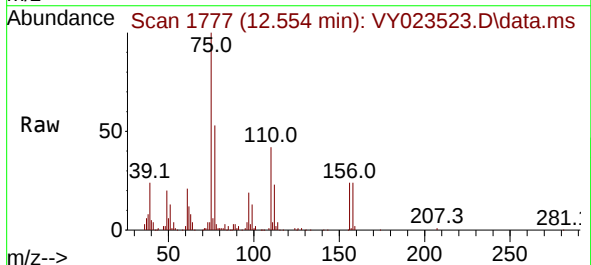
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

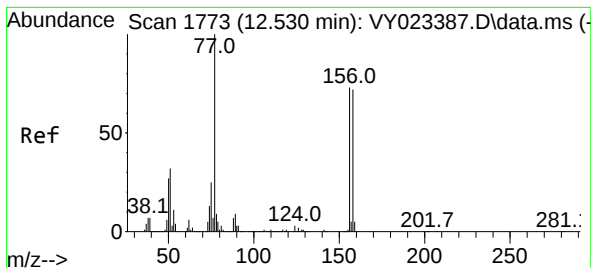
Tgt Ion: 83 Resp: 67088
Ion Ratio Lower Upper
83 100
131 12.0 5.9 17.6
85 63.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 30.161 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 75 Resp: 90847
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.220 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBS01

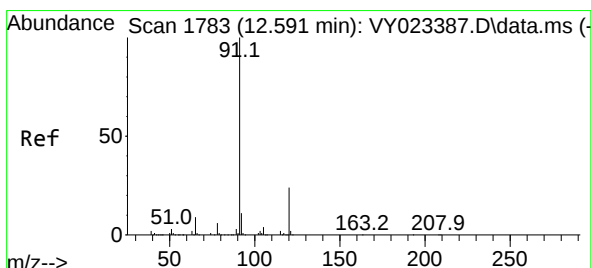
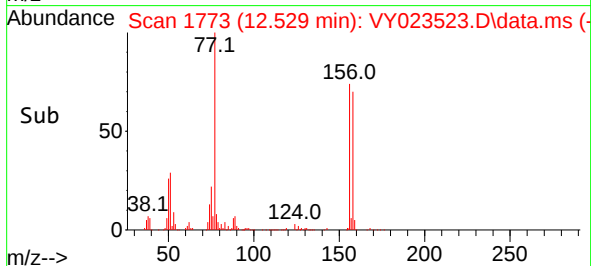
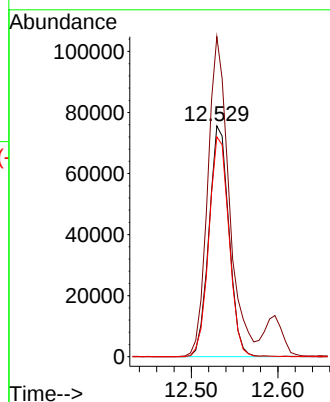
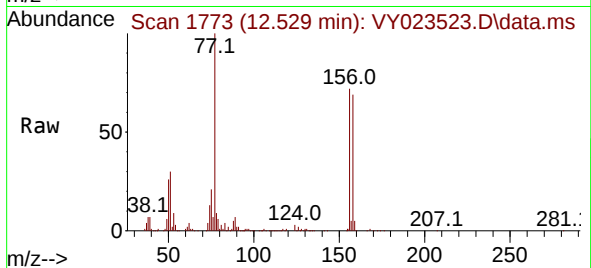
Tgt Ion:156 Resp: 120941

Ion Ratio Lower Upper

156 100

77 148.4 76.8 230.5

158 96.0 49.0 147.2



#78

n-propylbenzene

Concen: 20.896 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023523.D

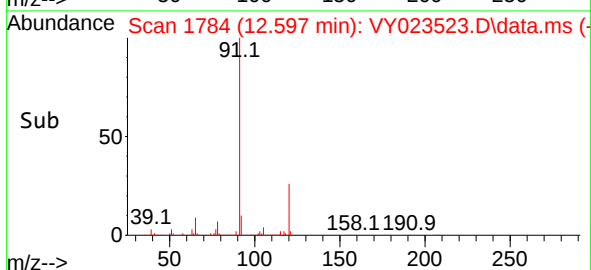
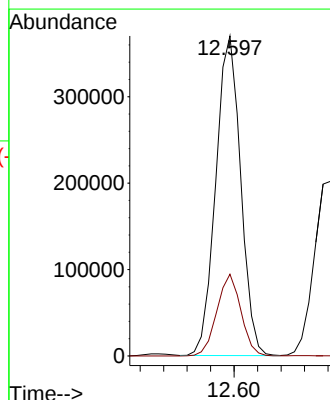
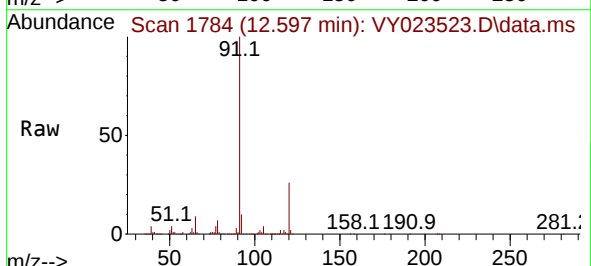
Acq: 21 Oct 2025 10:04

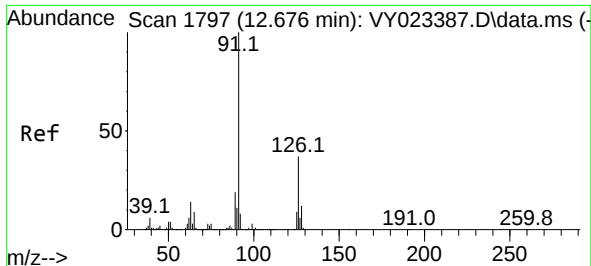
Tgt Ion: 91 Resp: 544028

Ion Ratio Lower Upper

91 100

120 24.7 12.3 36.8

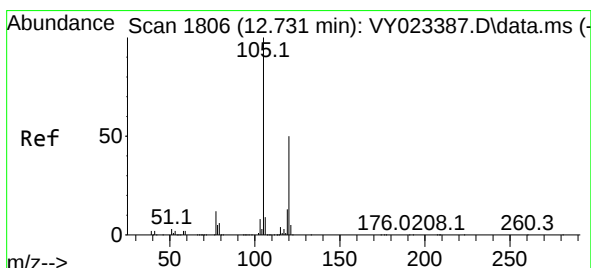
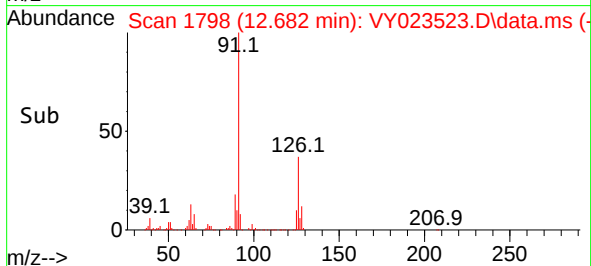
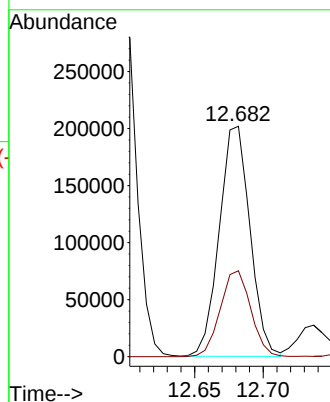
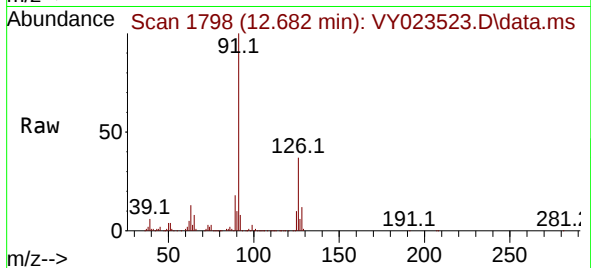




#79
2-Chlorotoluene
Concen: 20.636 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

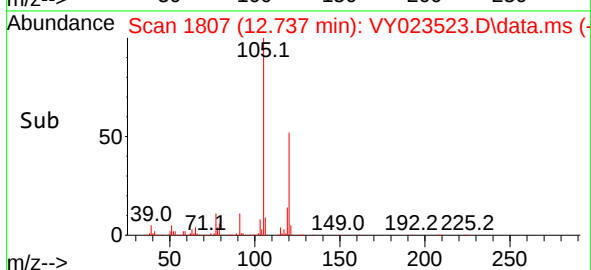
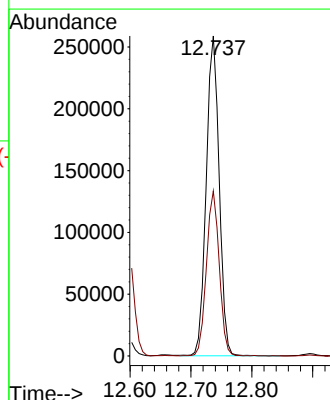
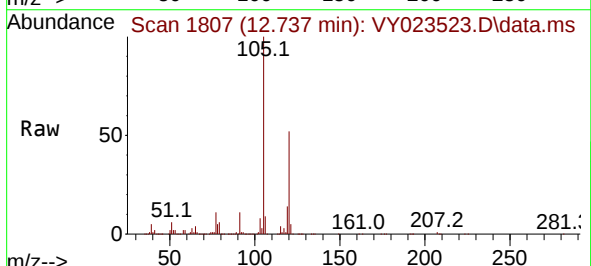
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

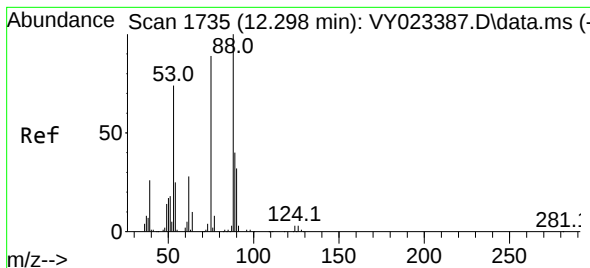
Tgt Ion: 91 Resp: 314616
Ion Ratio Lower Upper
91 100
126 37.2 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 21.030 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 105 Resp: 382336
Ion Ratio Lower Upper
105 100
120 50.9 25.4 76.4

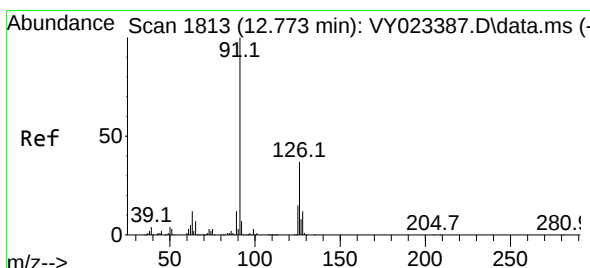
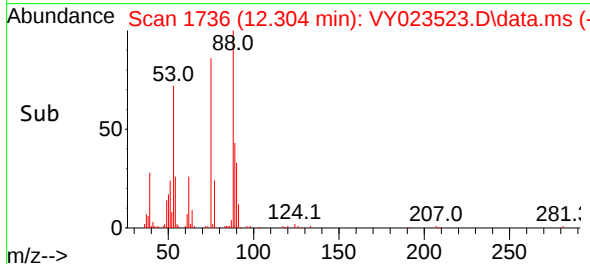
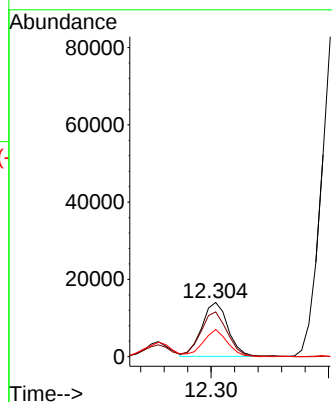
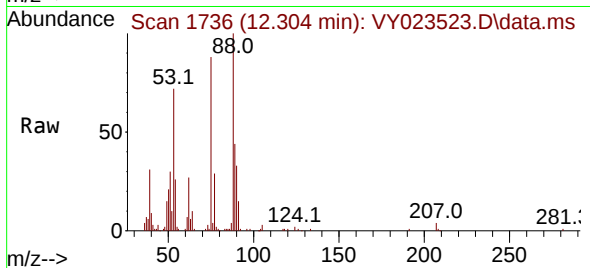




#81
trans-1,4-Dichloro-2-butene
Concen: 17.532 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

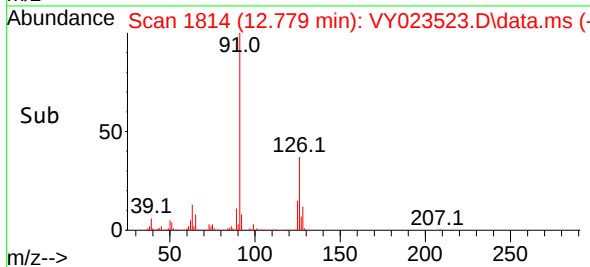
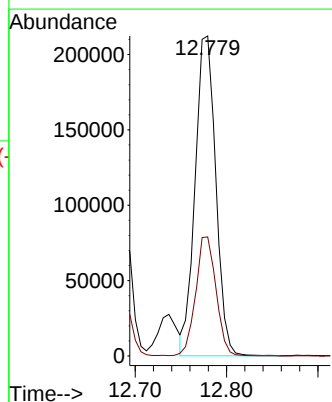
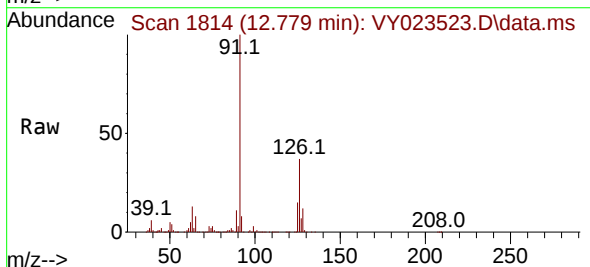
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

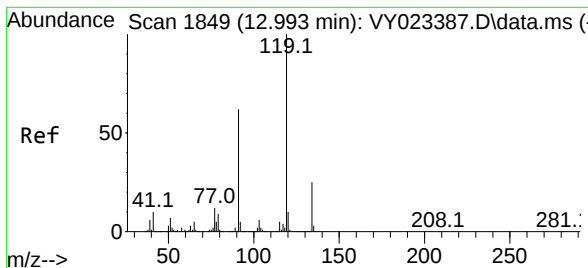
Tgt Ion: 75 Resp: 21535
Ion Ratio Lower Upper
75 100
53 85.7 68.6 102.8
89 47.2 39.0 58.4



#82
4-Chlorotoluene
Concen: 21.231 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 91 Resp: 333366
Ion Ratio Lower Upper
91 100
126 36.9 18.4 55.4

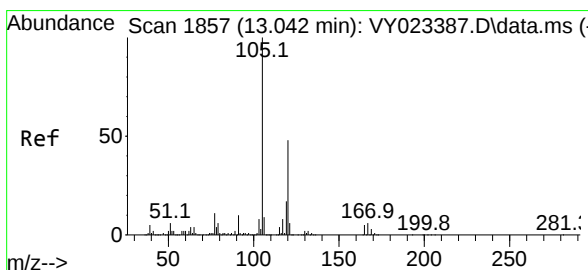
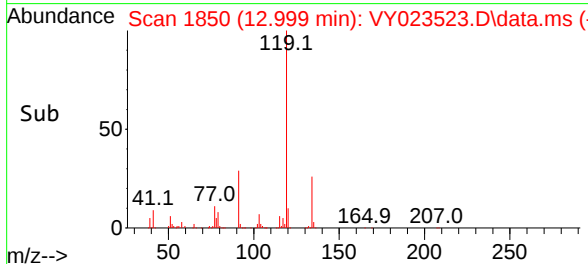
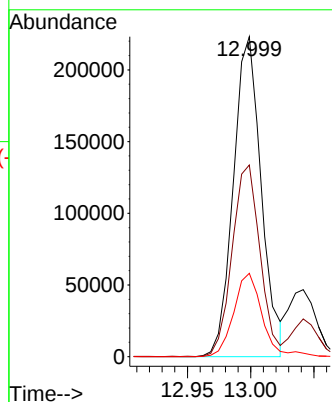
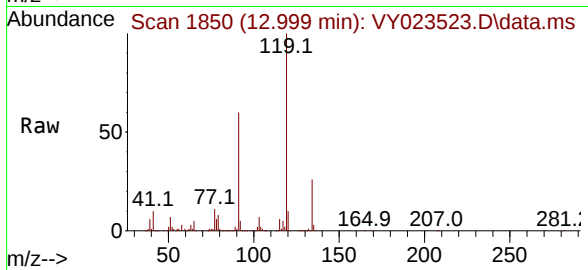




#83
tert-Butylbenzene
Concen: 20.426 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

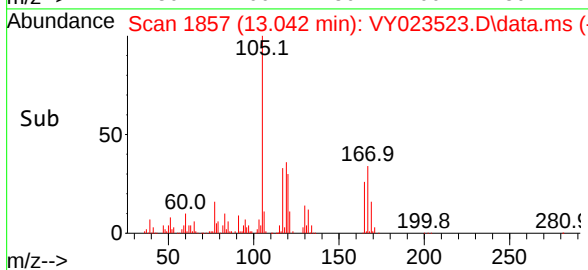
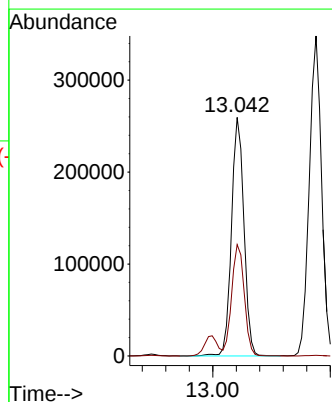
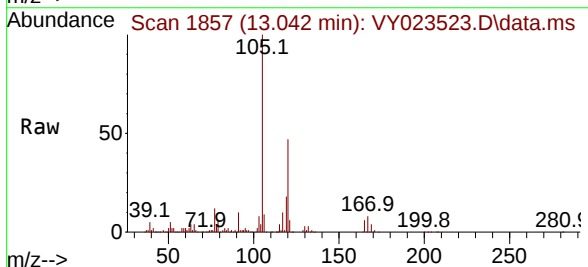
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

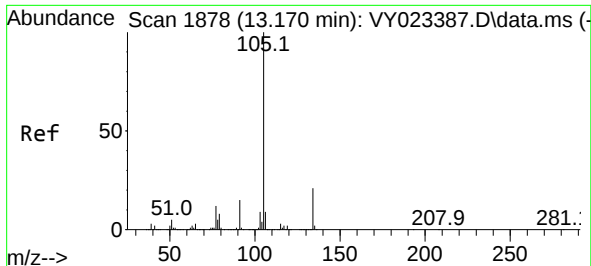
Tgt Ion:119 Resp: 342878
Ion Ratio Lower Upper
119 100
91 59.7 29.9 89.8
134 26.7 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 21.093 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion:105 Resp: 382715
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.2

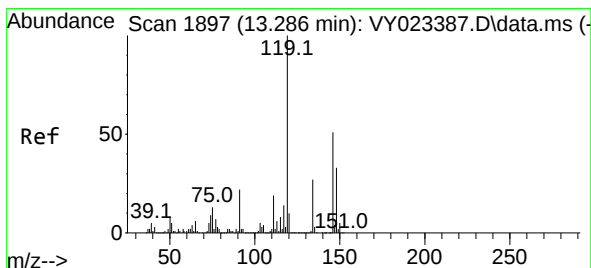
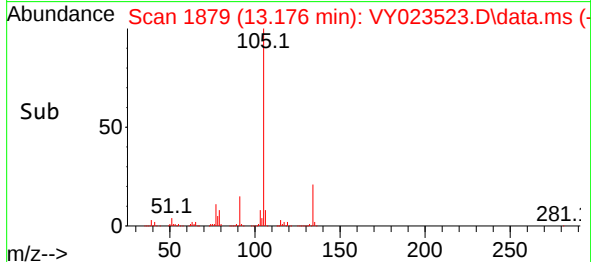
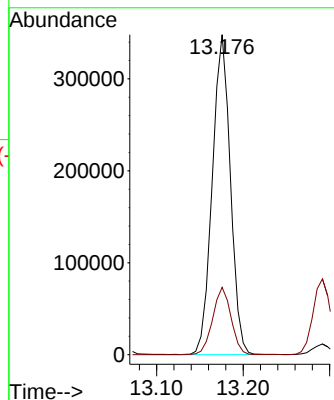
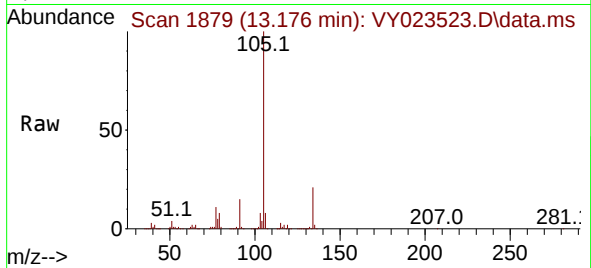




#85
 sec-Butylbenzene
 Concen: 20.959 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023523.D
 Acq: 21 Oct 2025 10:04

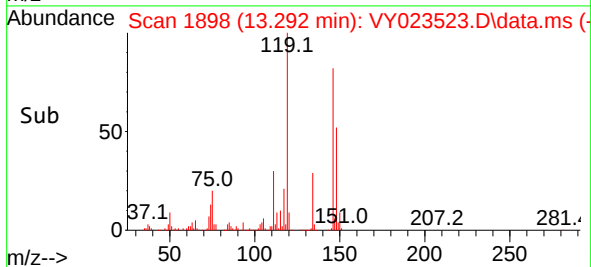
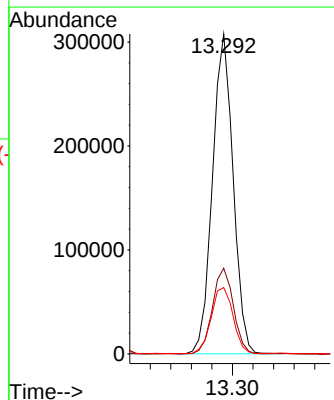
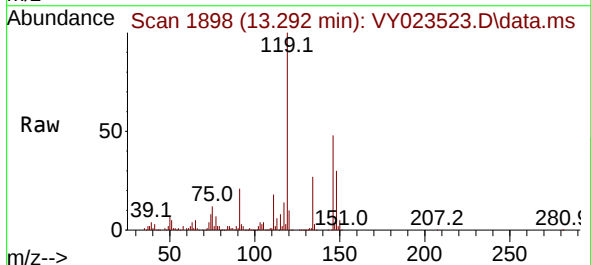
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBS01

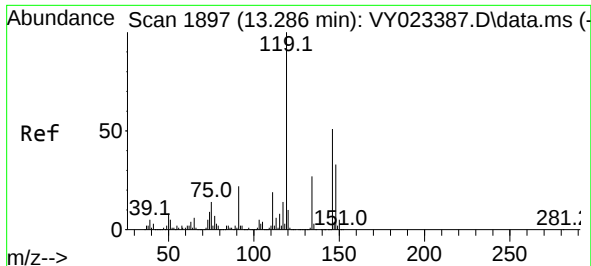
Tgt Ion:105 Resp: 504696
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 20.856 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023523.D
 Acq: 21 Oct 2025 10:04

Tgt Ion:119 Resp: 427597
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 21.9 10.9 32.9

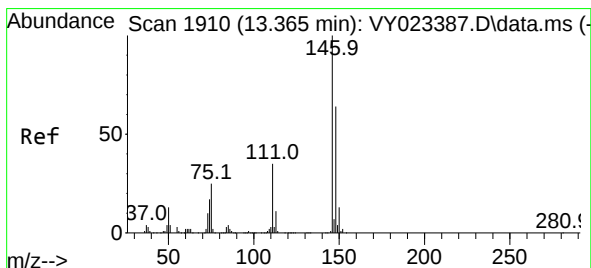
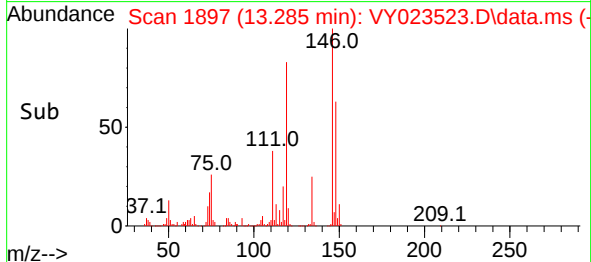
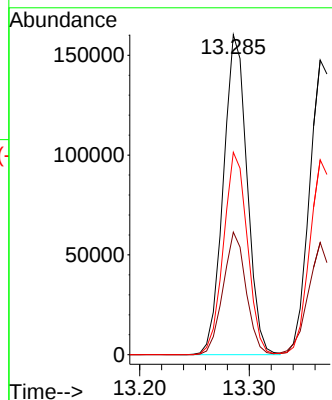
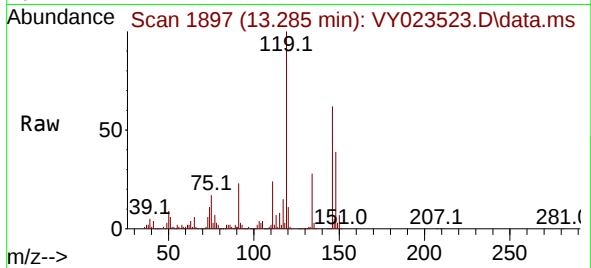




#87
 1,3-Dichlorobenzene
 Concen: 20.738 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023523.D
 Acq: 21 Oct 2025 10:04

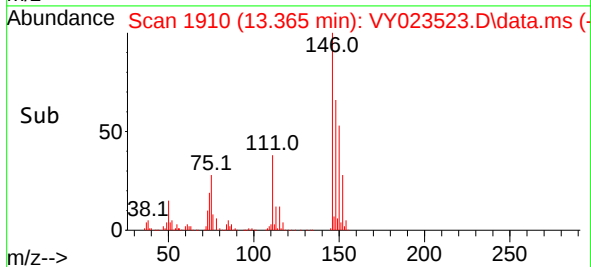
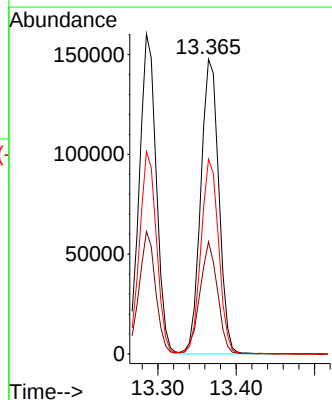
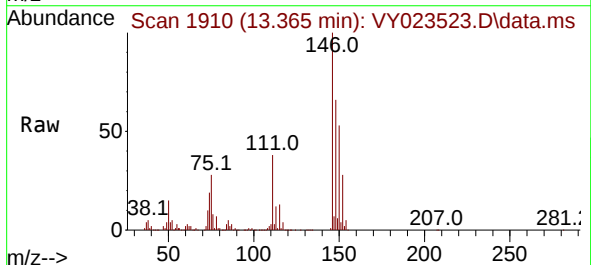
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBS01

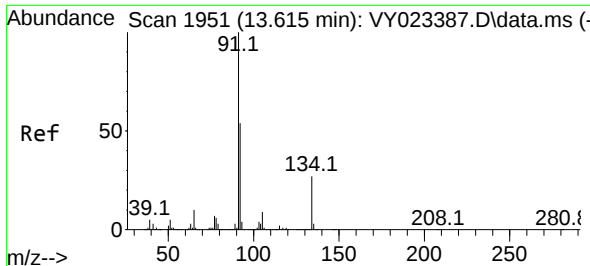
Tgt Ion:146 Resp: 241546
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.7 56.1
 148 63.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.523 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY023523.D
 Acq: 21 Oct 2025 10:04

Tgt Ion:146 Resp: 236089
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.0 54.0
 148 65.0 31.9 95.7

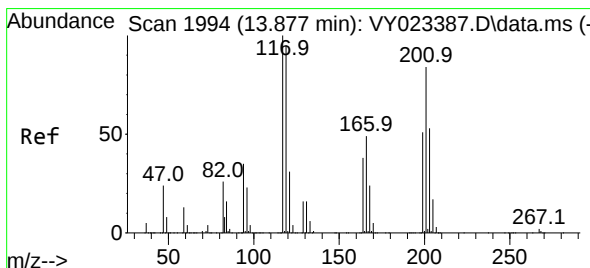
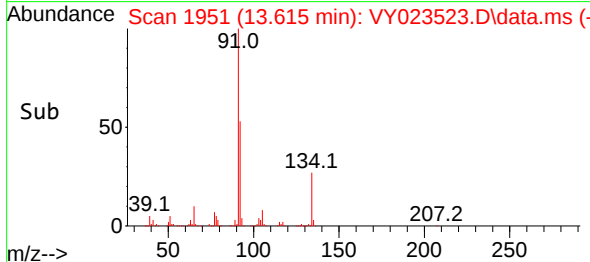
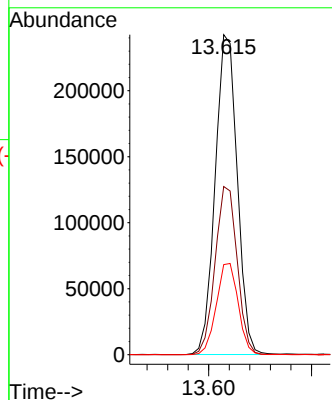
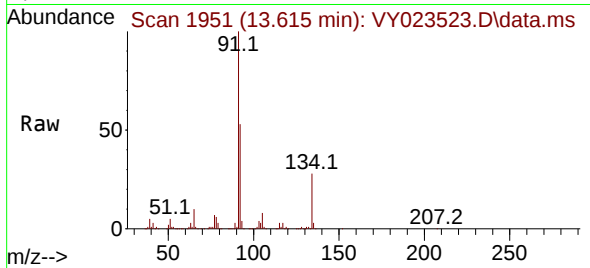




#89
n-Butylbenzene
Concen: 20.198 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

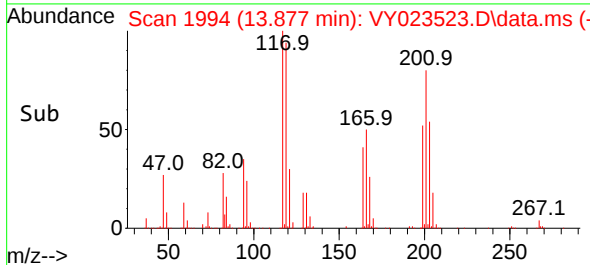
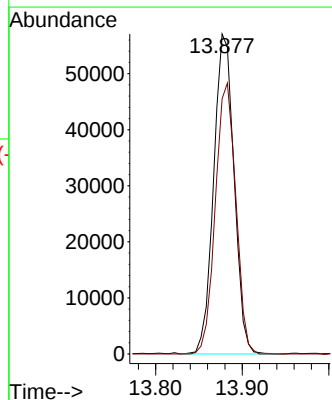
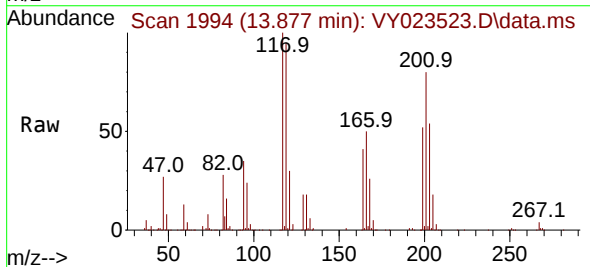
Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

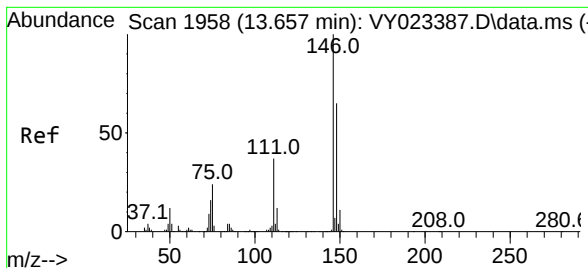
Tgt Ion: 91 Resp: 360818
Ion Ratio Lower Upper
91 100
92 52.7 27.0 80.8
134 28.3 14.1 42.2



#90
Hexachloroethane
Concen: 21.177 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion: 117 Resp: 93382
Ion Ratio Lower Upper
117 100
201 84.8 43.8 131.4

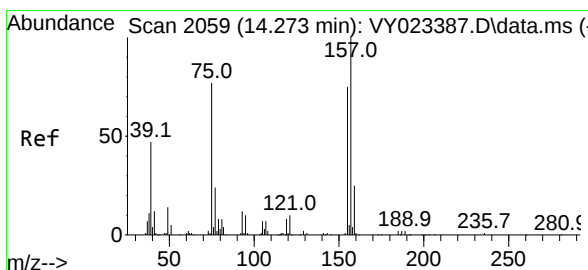
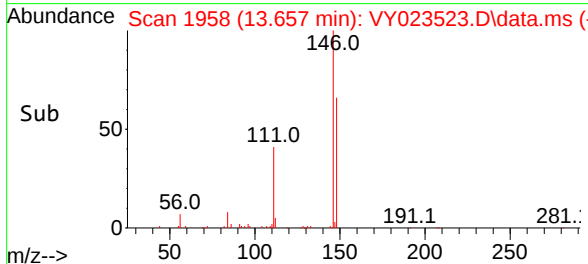
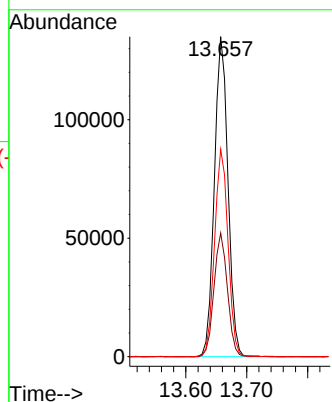
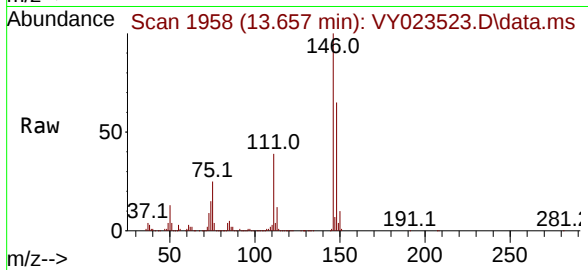




#91
 1,2-Dichlorobenzene
 Concen: 20.472 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023523.D
 Acq: 21 Oct 2025 10:04

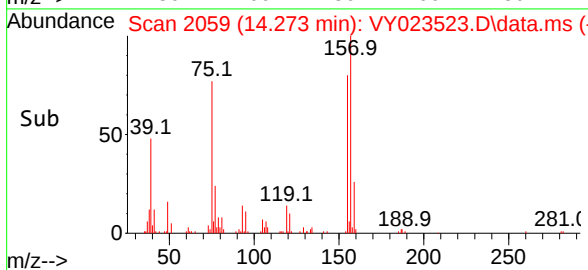
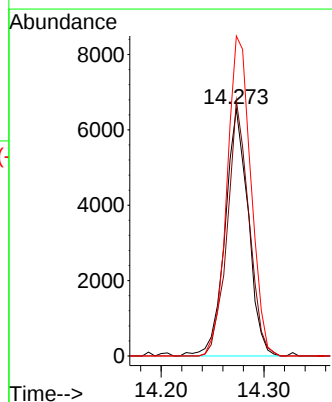
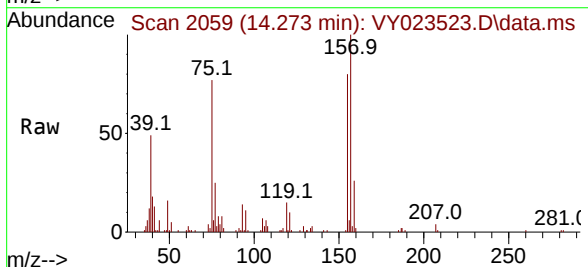
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1021SBS01

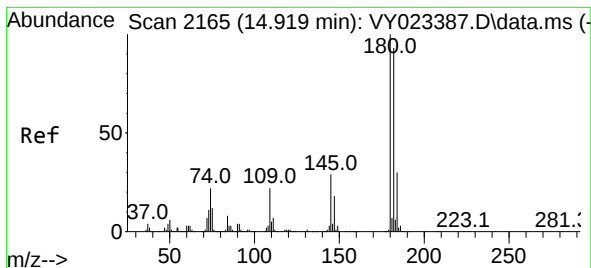
Tgt Ion:146 Resp: 209046
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.0 57.0
 148 64.3 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.023 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY023523.D
 Acq: 21 Oct 2025 10:04

Tgt Ion: 75 Resp: 10278
 Ion Ratio Lower Upper
 75 100
 155 96.3 50.0 150.0
 157 133.3 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 18.029 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY1021SBS01

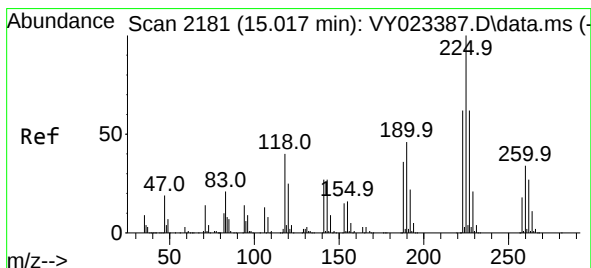
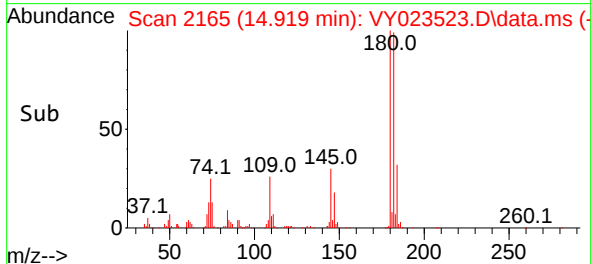
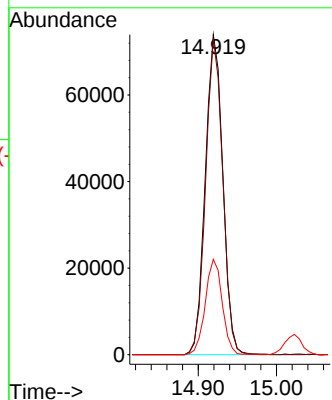
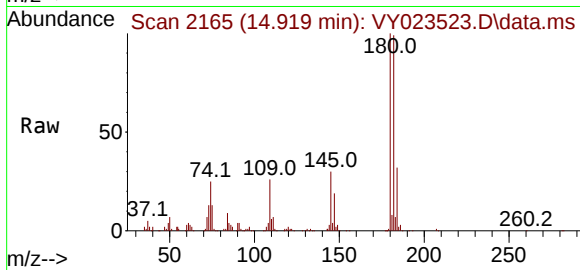
Tgt Ion:180 Resp: 114772

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.6

145 28.9 14.7 44.1



#94

Hexachlorobutadiene

Concen: 20.338 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023523.D

Acq: 21 Oct 2025 10:04

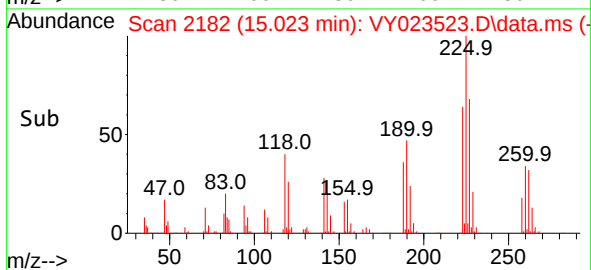
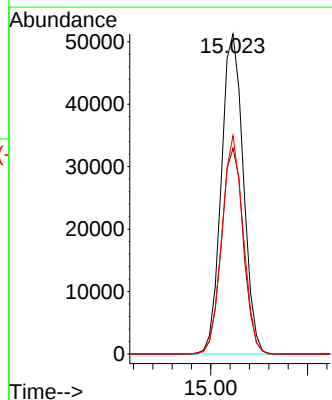
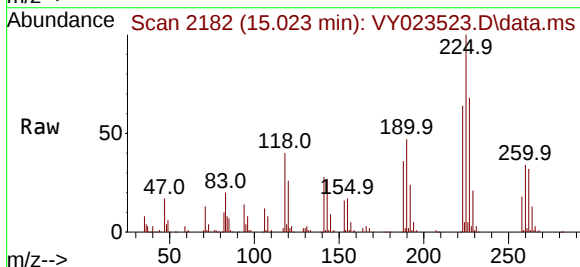
Tgt Ion:225 Resp: 80710

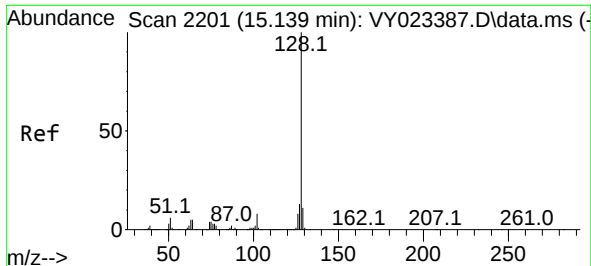
Ion Ratio Lower Upper

225 100

223 64.0 30.8 92.3

227 66.0 31.9 95.7

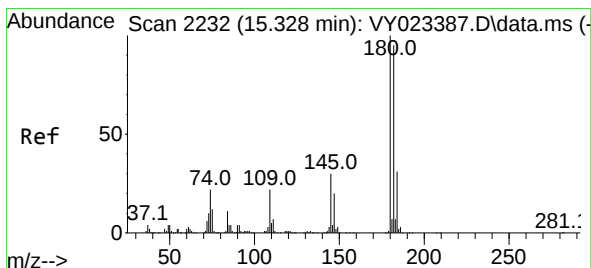
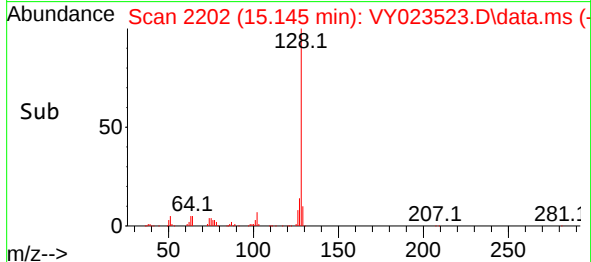
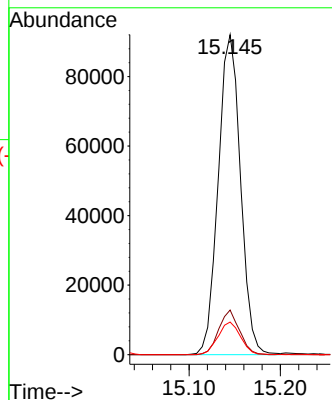
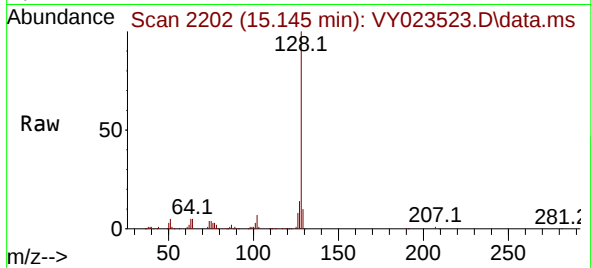




#95
Naphthalene
Concen: 15.384 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VY1021SBS01

Tgt Ion:128 Resp: 155957
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.100 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY023523.D
Acq: 21 Oct 2025 10:04

Tgt Ion:180 Resp: 99805
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.8
145 30.0 15.3 45.9

