

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
 Data File : VY023562.D
 Acq On : 24 Oct 2025 10:14
 Operator : SY/MD
 Sample : VY1024SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS01

Quant Time: Oct 24 23:48:12 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	7.707	168	536786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	783587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	686581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	360721	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	199332	44.408	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.820%
35) Dibromofluoromethane	7.634	113	237654	49.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.109	98	853846	47.619	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.402	95	282869	47.784	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	73403	18.998	ug/l	97
3) Chloromethane	2.074	50	94123	17.883	ug/l	99
4) Vinyl Chloride	2.208	62	128692	18.772	ug/l	99
5) Bromomethane	2.592	94	123016	21.383	ug/l	100
6) Chloroethane	2.733	64	91499	19.580	ug/l	99
7) Trichlorofluoromethane	3.056	101	193303	20.308	ug/l	98
8) Diethyl Ether	3.458	74	53195	21.387	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.818	101	104696	21.196	ug/l	98
10) Methyl Iodide	4.007	142	113792	20.694	ug/l	97
11) Tert butyl alcohol	4.860	59	36821	110.265	ug/l	97
12) 1,1-Dichloroethene	3.793	96	99711	20.824	ug/l	96
13) Acrolein	3.647	56	24350	51.605	ug/l	99
14) Allyl chloride	4.385	41	108412	18.578	ug/l	97
15) Acrylonitrile	5.061	53	94812	99.605	ug/l	99
16) Acetone	3.873	43	141337	132.262	ug/l	98
17) Carbon Disulfide	4.104	76	260295	18.993	ug/l	99
18) Methyl Acetate	4.391	43	48921	17.452	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	243330	21.144	ug/l	99
20) Methylene Chloride	4.623	84	111608	19.315	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	111012	21.058	ug/l	98
22) Diisopropyl ether	6.025	45	259309	20.089	ug/l	99
23) Vinyl Acetate	5.964	43	706151	101.069	ug/l	96
24) 1,1-Dichloroethane	5.921	63	176426	20.634	ug/l	99
25) 2-Butanone	6.896	43	153481	117.645	ug/l	95
26) 2,2-Dichloropropane	6.884	77	168220	21.441	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	132133	21.699	ug/l	95
28) Bromochloromethane	7.244	49	63974	20.042	ug/l	91
29) Tetrahydrofuran	7.262	42	71418	96.536	ug/l	94
30) Chloroform	7.427	83	199992	21.289	ug/l	100
31) Cyclohexane	7.701	56	143461	19.213	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	181103	21.213	ug/l	98
36) 1,1-Dichloropropene	7.835	75	134460	21.094	ug/l	99
37) Ethyl Acetate	6.988	43	51097	20.234	ug/l	97
38) Carbon Tetrachloride	7.817	117	165067	21.356	ug/l	97
39) Methylcyclohexane	9.110	83	171472	20.661	ug/l	97
40) Benzene	8.079	78	429319	21.267	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
 Data File : VY023562.D
 Acq On : 24 Oct 2025 10:14
 Operator : SY/MD
 Sample : VY1024SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS01

Quant Time: Oct 24 23:48:12 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)
41) Methacrylonitrile	7.262	41	69484	50.875	ug/l #	26
42) 1,2-Dichloroethane	8.158	62	106025	20.365	ug/l	97
43) Isopropyl Acetate	8.201	43	101137	20.085	ug/l #	84
44) Trichloroethene	8.866	130	129117	21.853	ug/l	100
45) 1,2-Dichloropropane	9.140	63	93853	21.049	ug/l	97
46) Dibromomethane	9.231	93	61356	21.762	ug/l	96
47) Bromodichloromethane	9.420	83	153350	21.596	ug/l	99
48) Methyl methacrylate	9.219	41	43837	18.531	ug/l	86
49) 1,4-Dioxane	9.225	88	13942	426.504	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	269342	103.526	ug/l	98
52) Toluene	10.170	92	287505	21.935	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	131216	21.252	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	158569	21.760	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	87086	22.969	ug/l	96
56) Ethyl methacrylate	10.439	69	92237	21.090	ug/l	94
57) 1,3-Dichloropropane	10.719	76	132832	22.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	197494	100.804	ug/l	97
59) 2-Hexanone	10.762	43	217078	116.754	ug/l	97
60) Dibromochloromethane	10.914	129	120798	22.725	ug/l	98
61) 1,2-Dibromoethane	11.012	107	81298	22.484	ug/l	98
64) Tetrachloroethene	10.646	164	151062	21.309	ug/l	99
65) Chlorobenzene	11.438	112	326646	21.874	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	118969	22.357	ug/l	99
67) Ethyl Benzene	11.518	91	519038	21.473	ug/l	98
68) m/p-Xylenes	11.627	106	430825	44.437	ug/l	98
69) o-Xylene	11.950	106	199866	21.978	ug/l	98
70) Styrene	11.969	104	327085	21.872	ug/l	99
71) Bromoform	12.133	173	74587	22.597	ug/l #	98
73) Isopropylbenzene	12.255	105	517060	21.751	ug/l	99
74) N-amyl acetate	12.066	43	85040	19.917	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	87273	22.446	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	112801	35.444	ug/l #	100
77) Bromobenzene	12.530	156	139180	22.023	ug/l	97
78) n-propylbenzene	12.591	91	602594	21.905	ug/l	99
79) 2-Chlorotoluene	12.676	91	347665	21.582	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	429209	22.344	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	27474	21.169	ug/l	97
82) 4-Chlorotoluene	12.774	91	360070	21.703	ug/l	98
83) tert-Butylbenzene	12.993	119	398925	22.492	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	424880	22.163	ug/l	99
85) sec-Butylbenzene	13.170	105	564414	22.184	ug/l	100
86) p-Isopropyltoluene	13.286	119	482314	22.265	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	271316	22.046	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	264489	21.761	ug/l	99
89) n-Butylbenzene	13.615	91	410914	21.770	ug/l	99
90) Hexachloroethane	13.877	117	103152	22.140	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	240455	22.286	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14028	21.989	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	147428	21.918	ug/l	98
94) Hexachlorobutadiene	15.017	225	91078	21.721	ug/l	99
95) Naphthalene	15.139	128	228739	21.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	124725	21.407	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023562.D
Acq On : 24 Oct 2025 10:14
Operator : SY/MD
Sample : VY1024SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

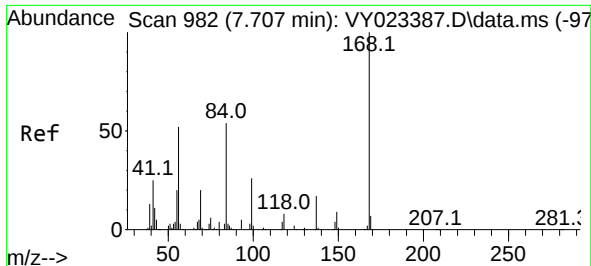
Quant Time: Oct 24 23:48:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Oct 24 23:48:12 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

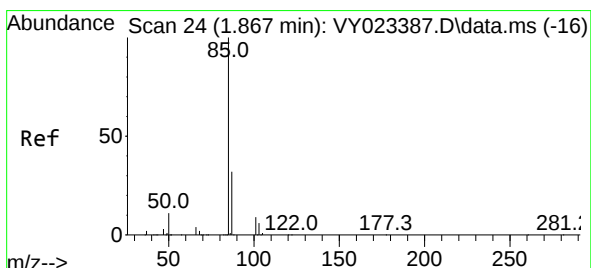
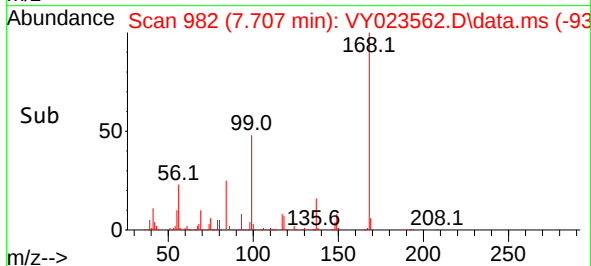
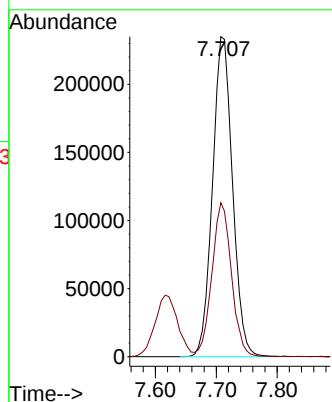
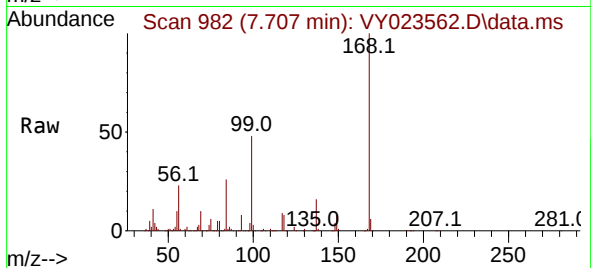




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

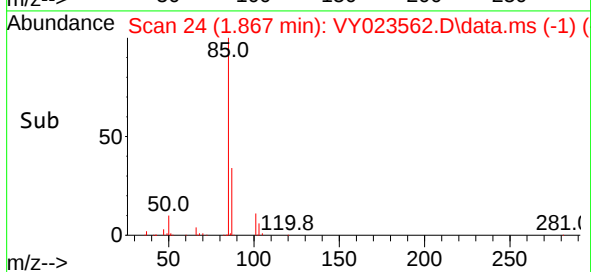
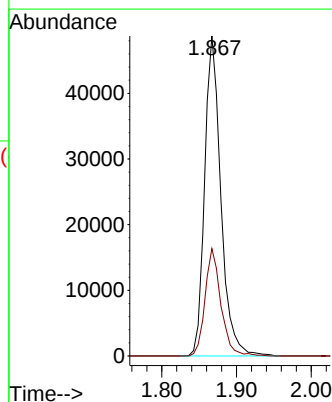
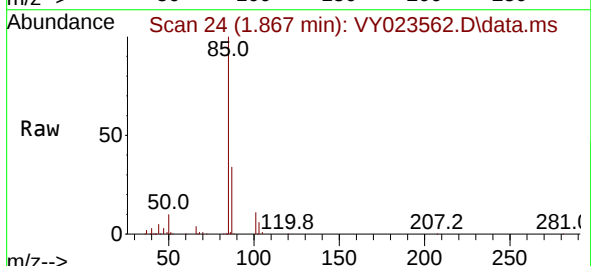
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

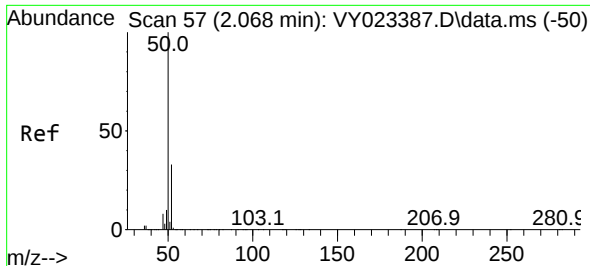
Tgt Ion:168 Resp: 536786
Ion Ratio Lower Upper
168 100
99 48.1 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 18.998 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 85 Resp: 73403
Ion Ratio Lower Upper
85 100
87 33.5 16.0 47.9

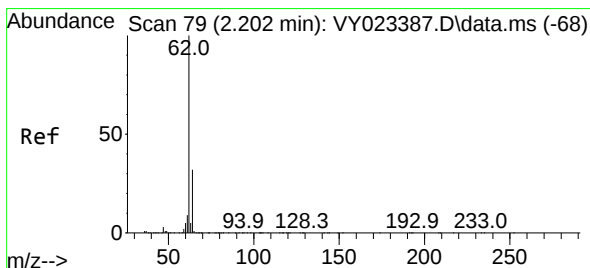
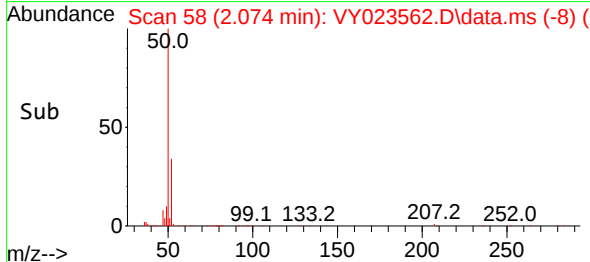
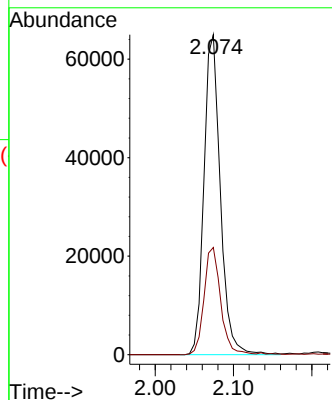
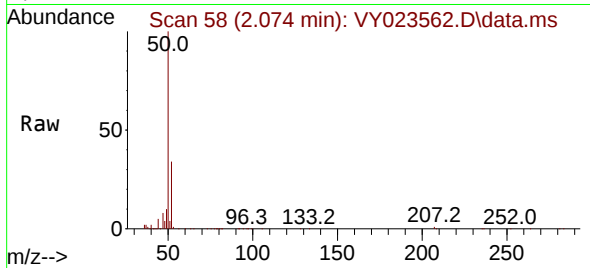




#3
Chloromethane
Concen: 17.883 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

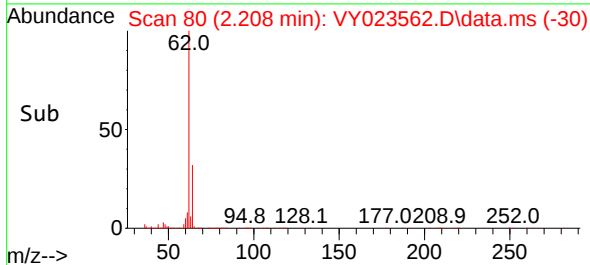
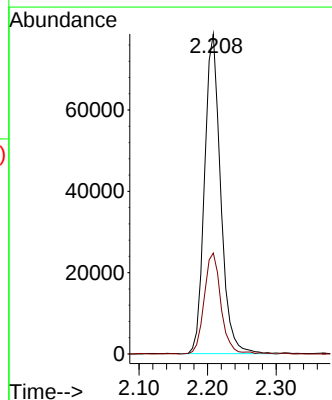
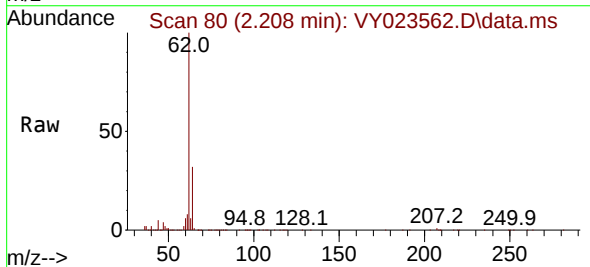
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

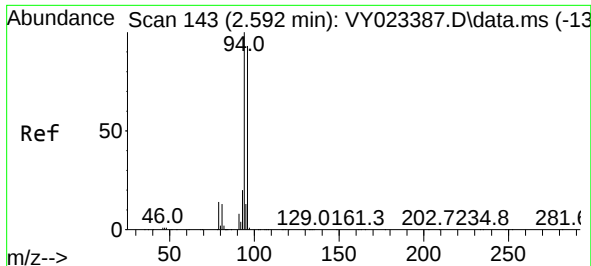
Tgt Ion: 50 Resp: 94123
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.2



#4
Vinyl Chloride
Concen: 18.772 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 62 Resp: 128692
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.8

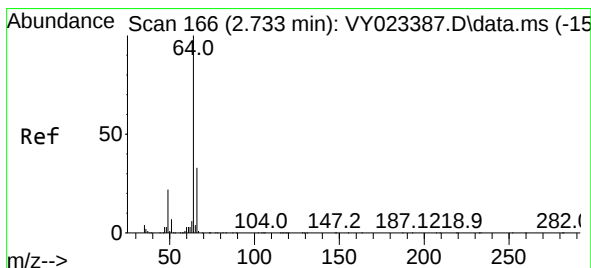
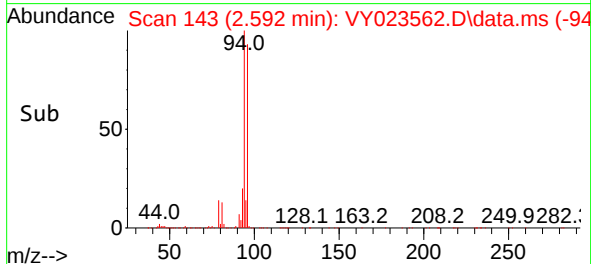
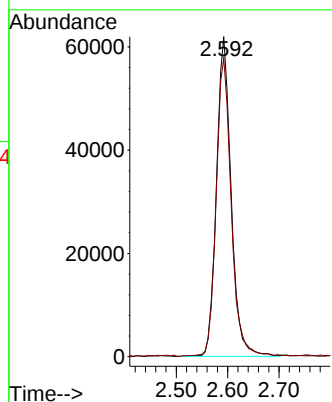
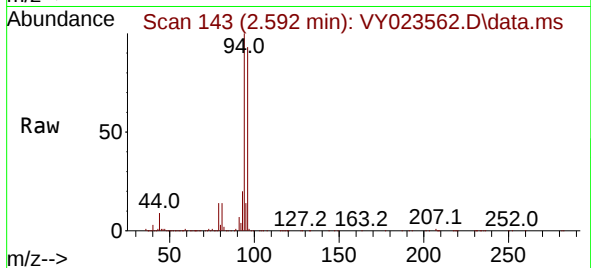




#5
Bromomethane
Concen: 21.383 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

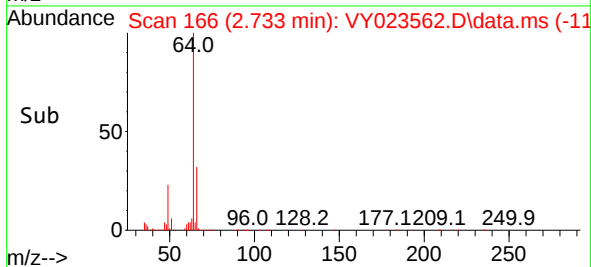
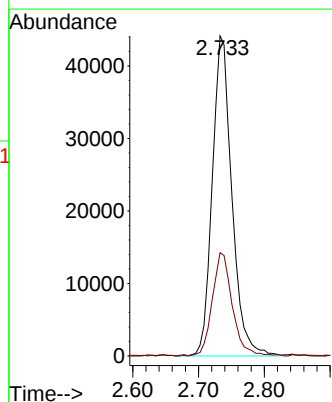
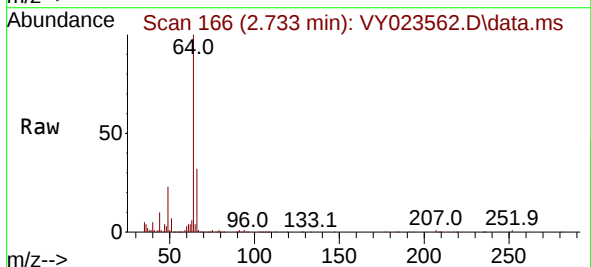
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

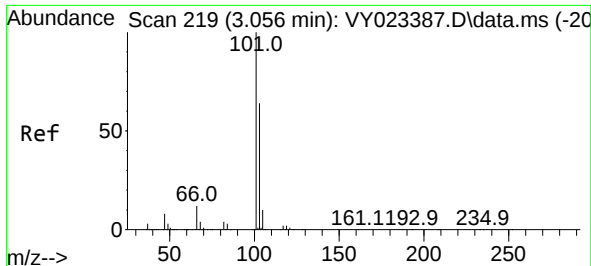
Tgt Ion: 94 Resp: 123016
Ion Ratio Lower Upper
94 100
96 93.2 74.5 111.7



#6
Chloroethane
Concen: 19.580 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 64 Resp: 91499
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4

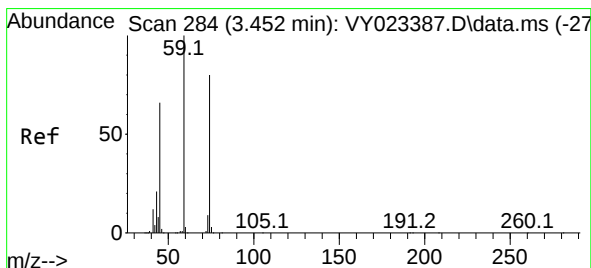
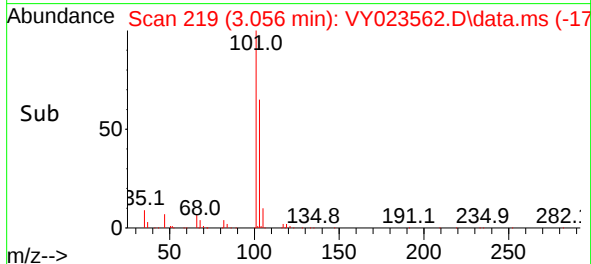
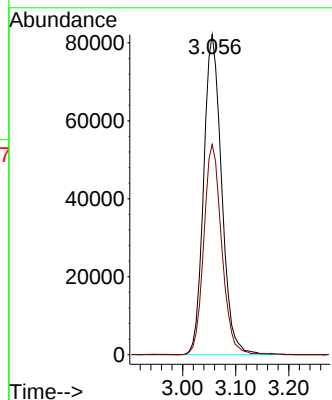
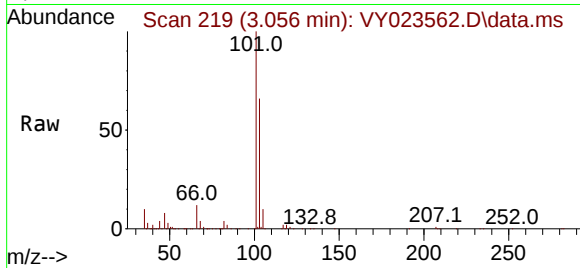




#7
Trichlorofluoromethane
Concen: 20.308 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

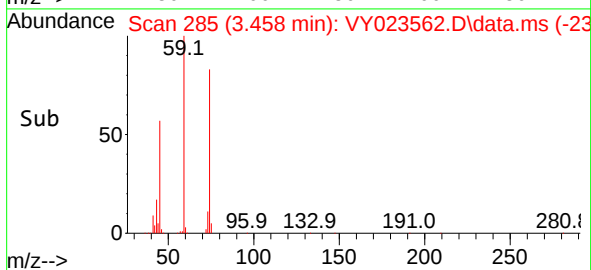
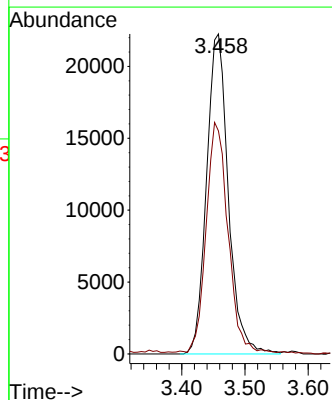
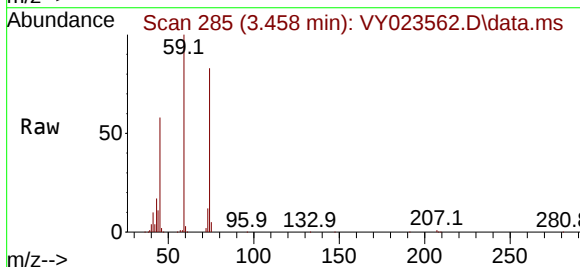
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion:101 Resp: 193303
Ion Ratio Lower Upper
101 100
103 65.7 51.3 76.9



#8
Diethyl Ether
Concen: 21.387 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 74 Resp: 53195
Ion Ratio Lower Upper
74 100
45 71.8 39.9 119.7

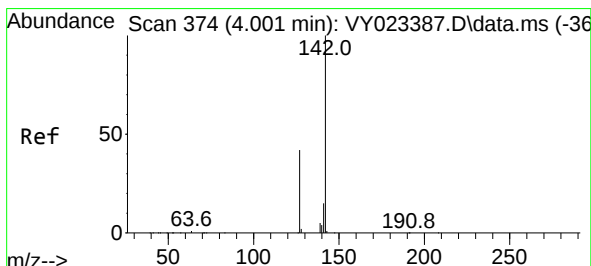
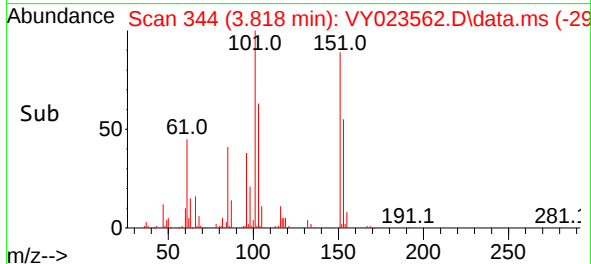
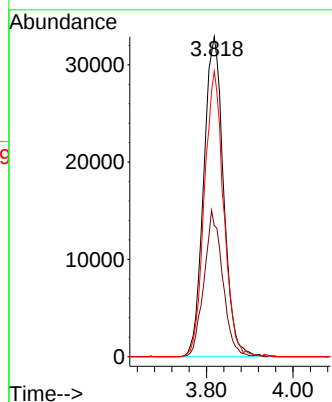
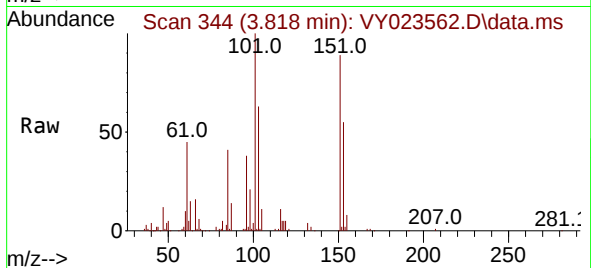




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.196 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

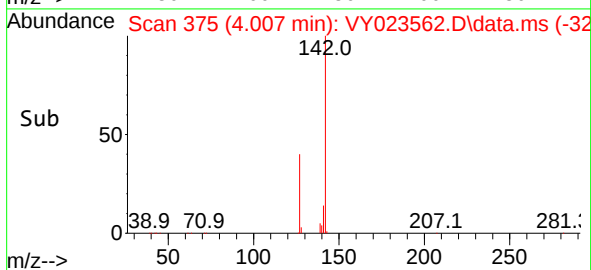
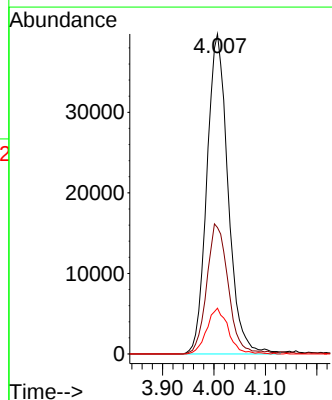
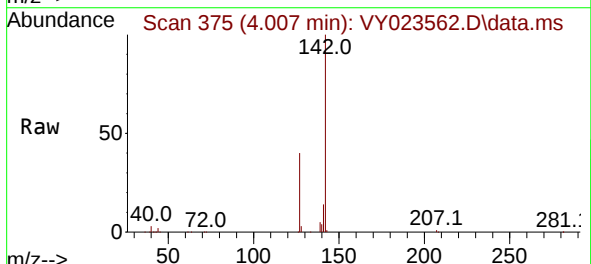
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:101 Resp: 104696
Ion Ratio Lower Upper
101 100
85 42.8 34.6 51.8
151 86.6 67.0 100.6



#10
Methyl Iodide
Concen: 20.694 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:142 Resp: 113792
Ion Ratio Lower Upper
142 100
127 41.3 34.8 52.2
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 110.265 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

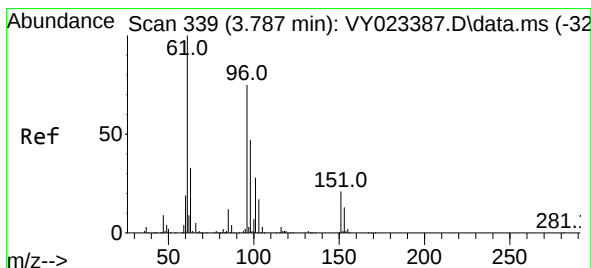
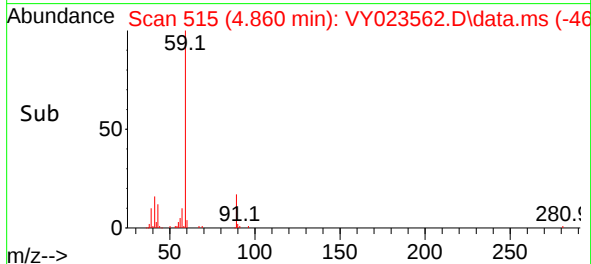
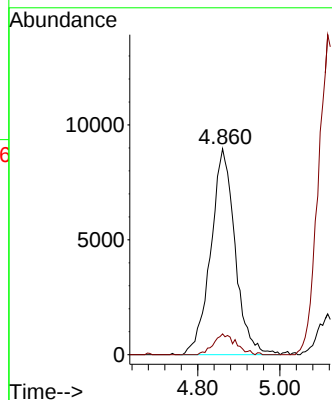
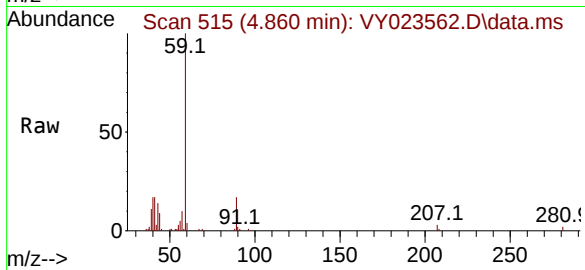
VY1024SBS01

Tgt Ion: 59 Resp: 36821

Ion Ratio Lower Upper

59 100

57 9.2 8.3 12.5



#12

1,1-Dichloroethene

Concen: 20.824 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

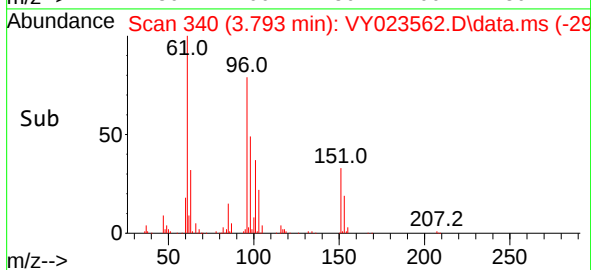
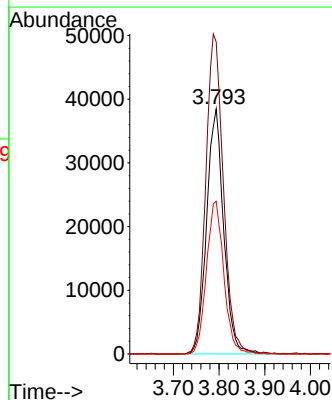
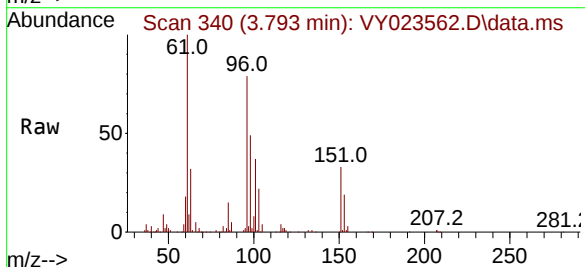
Tgt Ion: 96 Resp: 99711

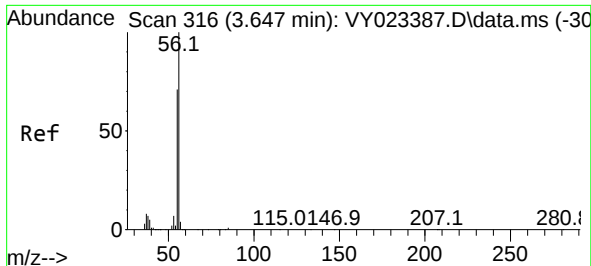
Ion Ratio Lower Upper

96 100

61 127.3 106.7 160.1

98 62.3 50.2 75.4

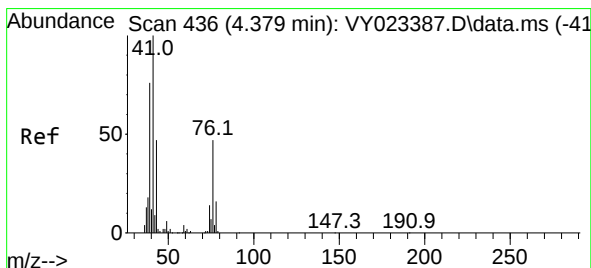
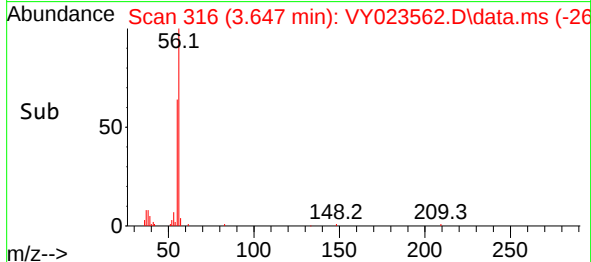
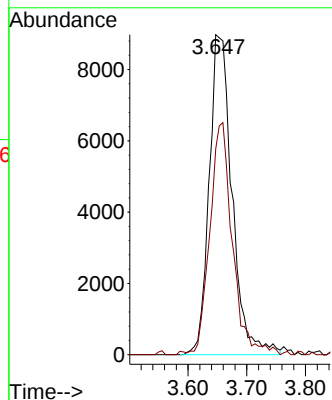
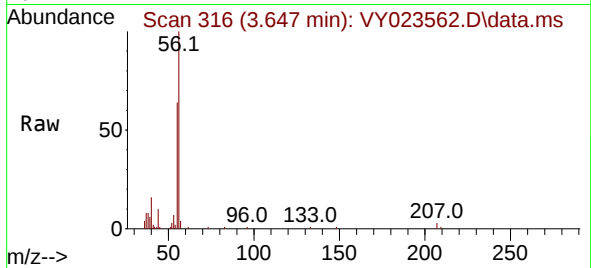




#13
Acrolein
Concen: 51.605 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

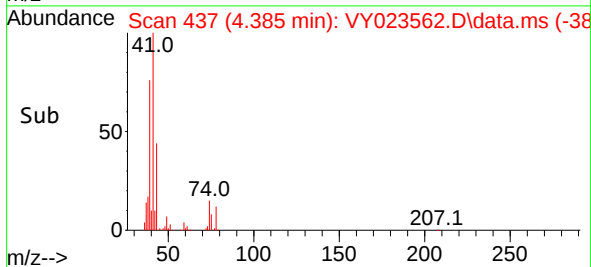
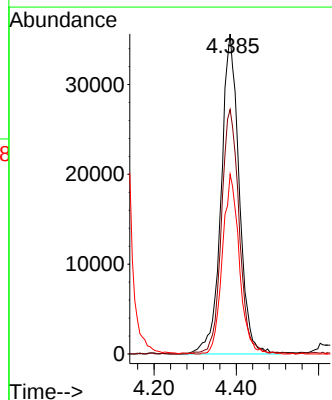
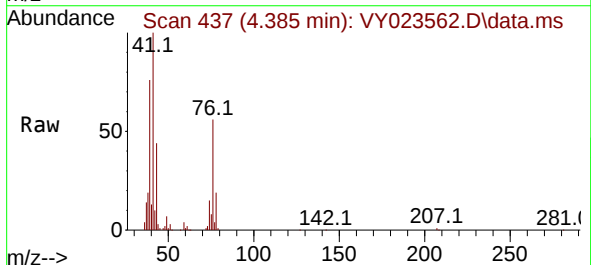
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 56 Resp: 24350
Ion Ratio Lower Upper
56 100
55 68.9 56.1 84.1



#14
Allyl chloride
Concen: 18.578 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 41 Resp: 108412
Ion Ratio Lower Upper
41 100
39 75.4 59.9 89.9
76 52.6 38.0 57.0

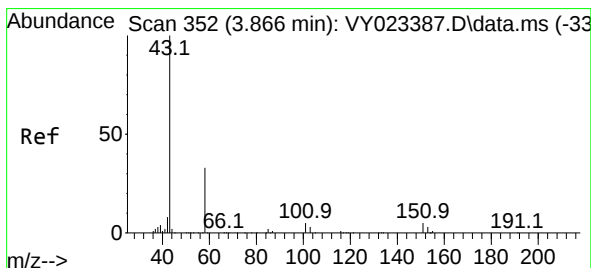
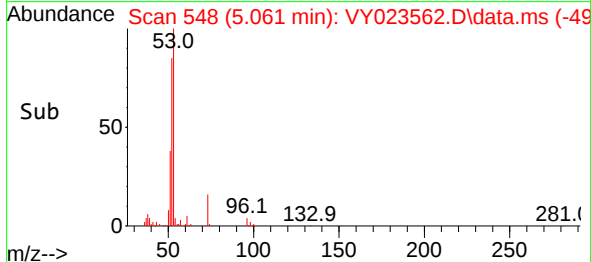
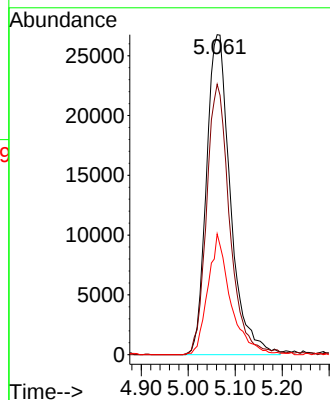
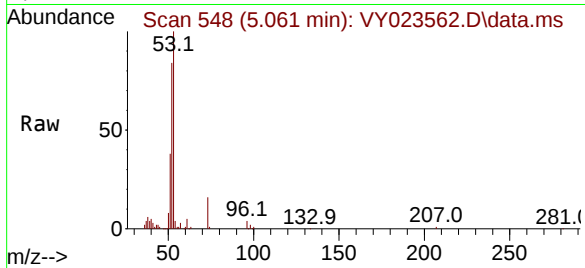




#15
Acrylonitrile
Concen: 99.605 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

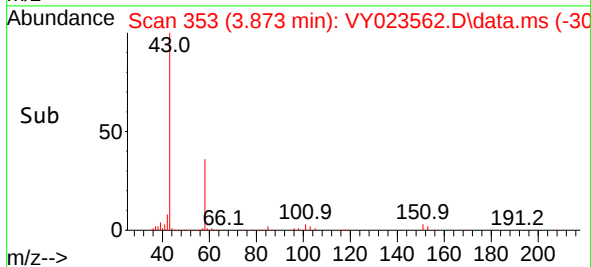
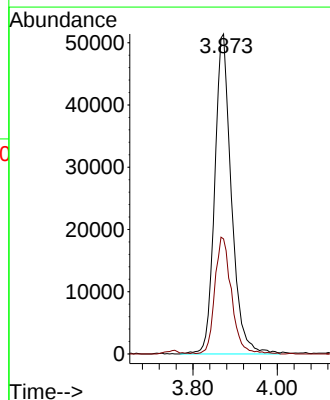
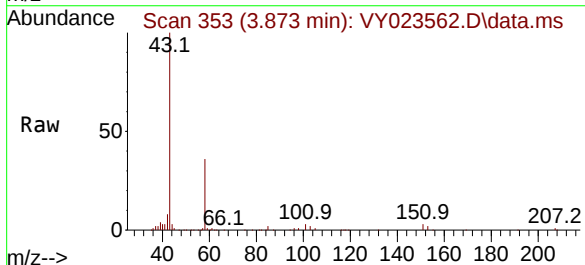
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

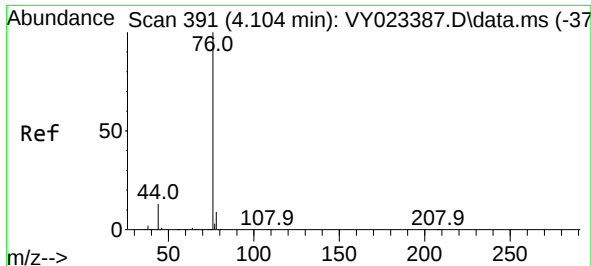
Tgt Ion: 53 Resp: 94812
Ion Ratio Lower Upper
53 100
52 81.6 64.6 97.0
51 35.8 29.5 44.3



#16
Acetone
Concen: 132.262 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 141337
Ion Ratio Lower Upper
43 100
58 35.9 27.7 41.5

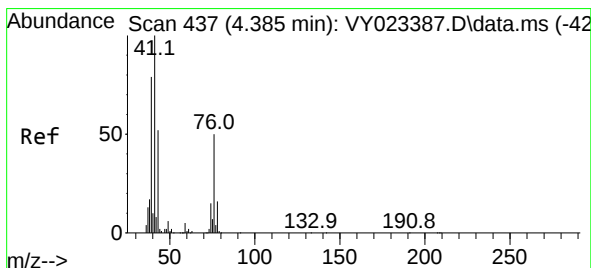
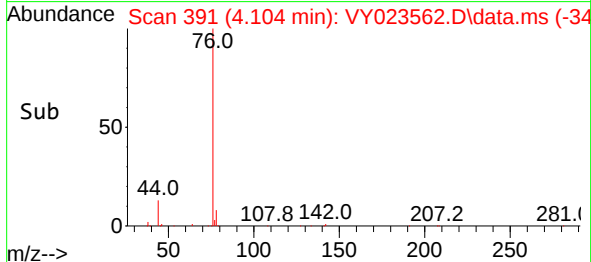
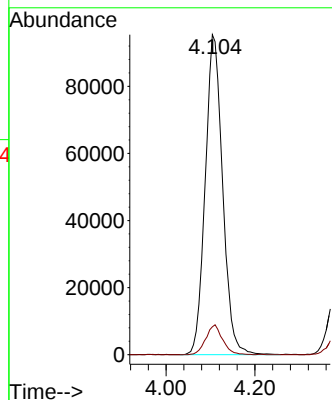
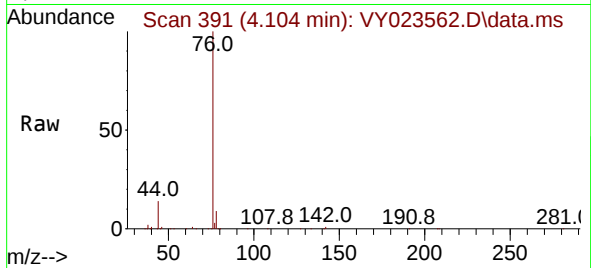




#17
Carbon Disulfide
Concen: 18.993 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

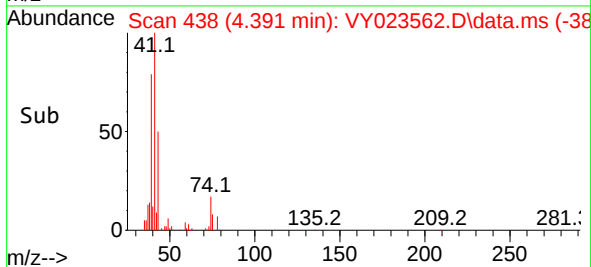
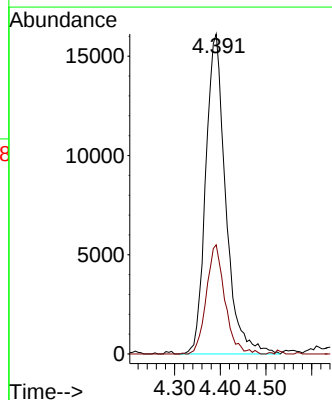
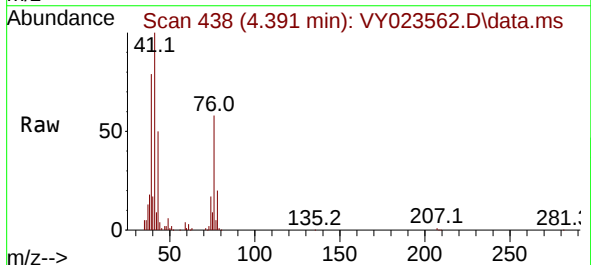
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 76 Resp: 260295
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 17.452 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 48921
Ion Ratio Lower Upper
43 100
74 31.7 24.2 36.4

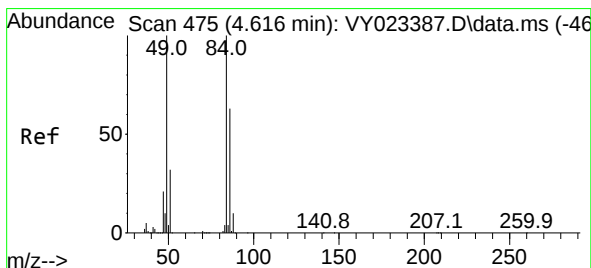
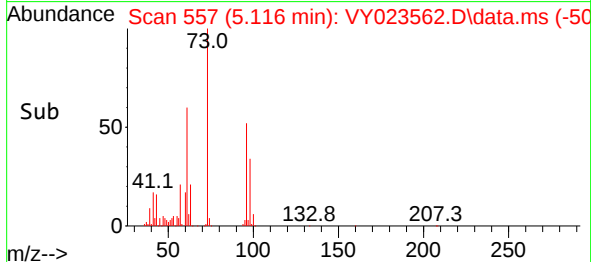
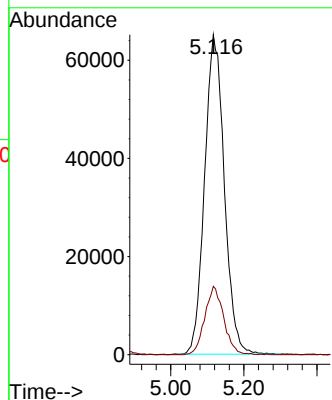
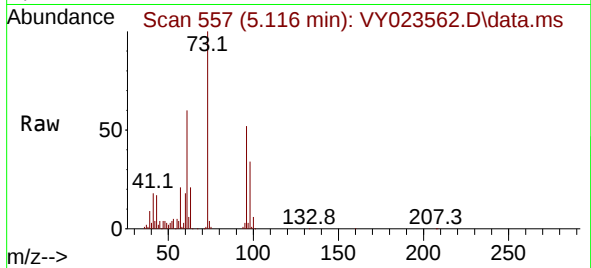




#19
Methyl tert-butyl Ether
Concen: 21.144 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

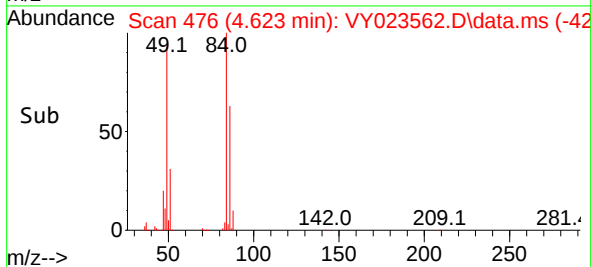
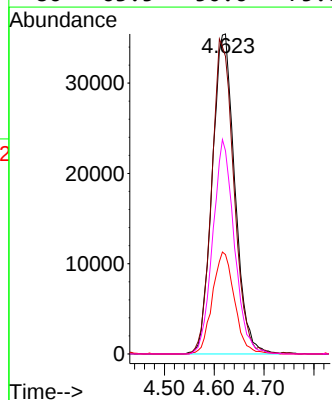
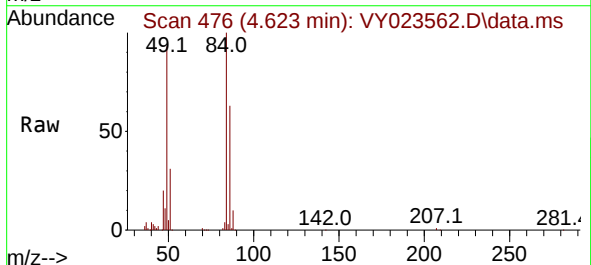
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

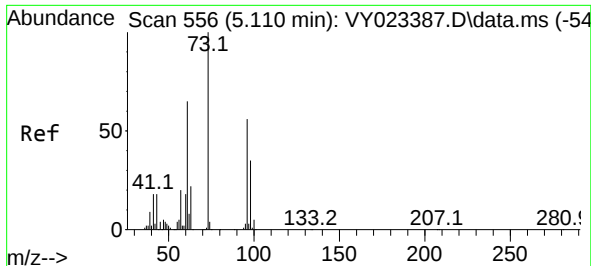
Tgt Ion: 73 Resp: 243330
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0



#20
Methylene Chloride
Concen: 19.315 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 84 Resp: 111608
Ion Ratio Lower Upper
84 100
49 93.0 80.2 120.4
51 31.1 25.9 38.9
86 63.5 50.6 75.8

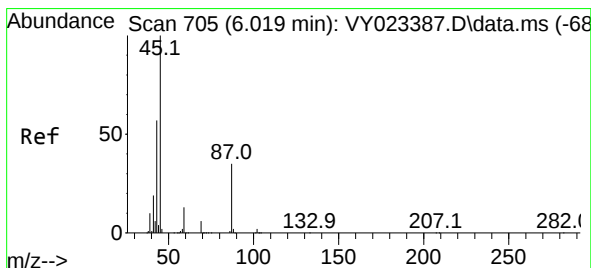
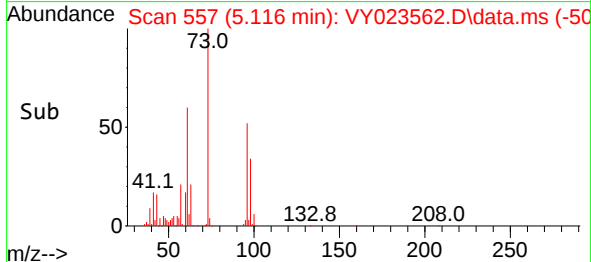
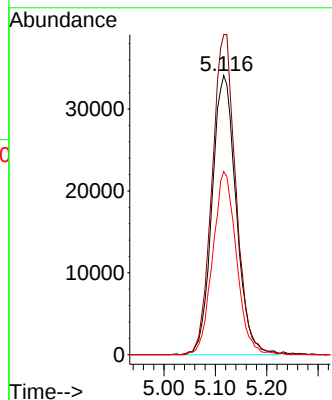
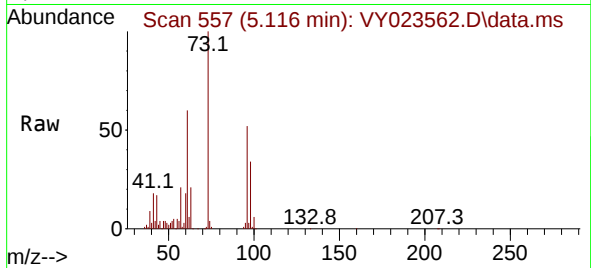




#21
trans-1,2-Dichloroethene
Concen: 21.058 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

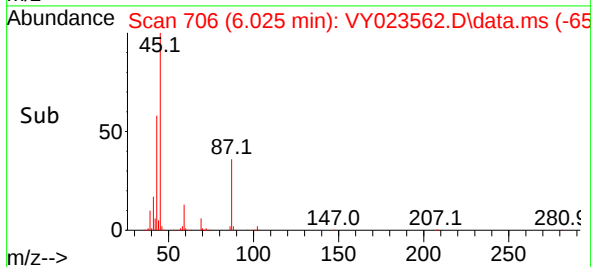
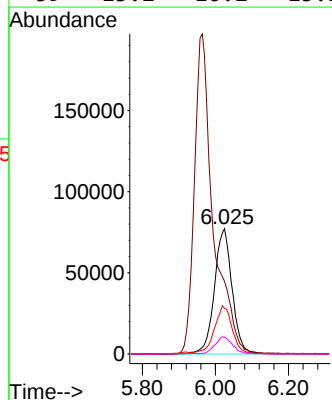
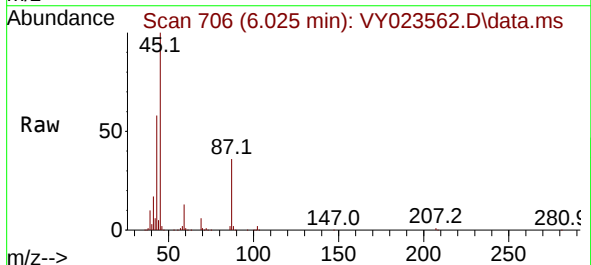
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

Tgt Ion: 96 Resp: 111012
Ion Ratio Lower Upper
96 100
61 114.6 92.7 139.1
98 65.6 49.7 74.5



#22
Diisopropyl ether
Concen: 20.089 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 45 Resp: 259309
Ion Ratio Lower Upper
45 100
43 57.4 45.6 68.4
87 36.3 28.1 42.1
59 13.2 10.2 15.2

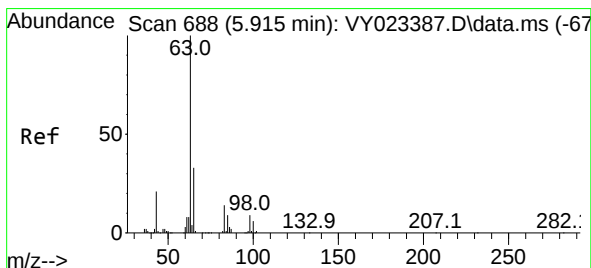
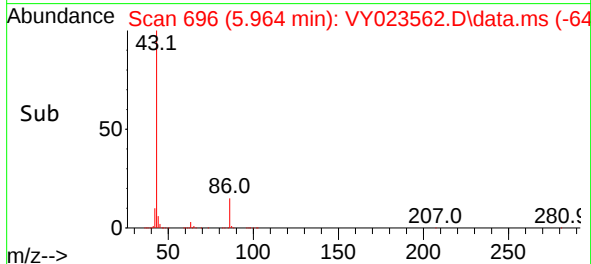
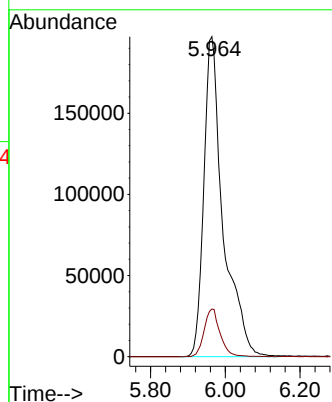
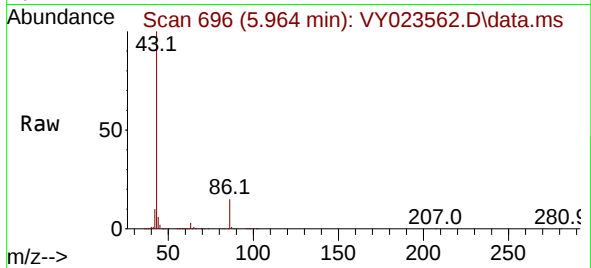




#23
 Vinyl Acetate
 Concen: 101.069 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023562.D
 Acq: 24 Oct 2025 10:14

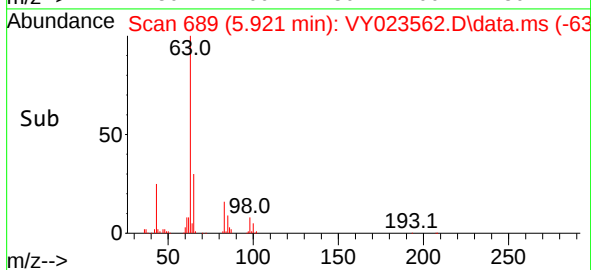
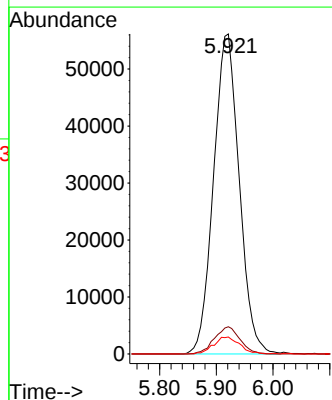
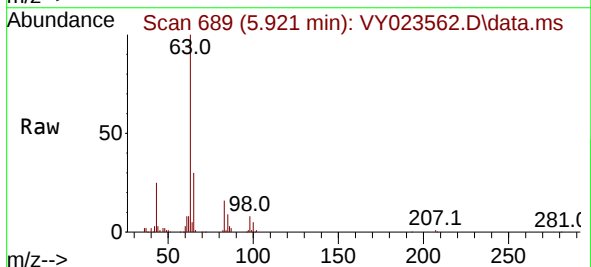
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS01

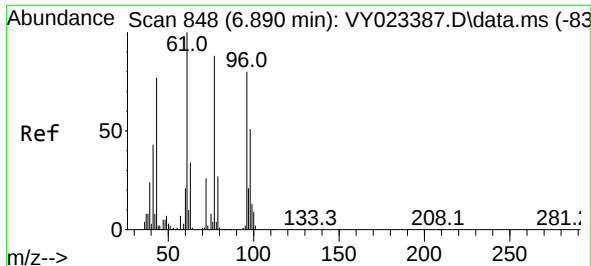
Tgt Ion: 43 Resp: 706151
 Ion Ratio Lower Upper
 43 100
 86 14.9 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 20.634 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023562.D
 Acq: 24 Oct 2025 10:14

Tgt Ion: 63 Resp: 176426
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.3 13.1
 100 5.3 2.8 8.4





#25

2-Butanone

Concen: 117.645 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

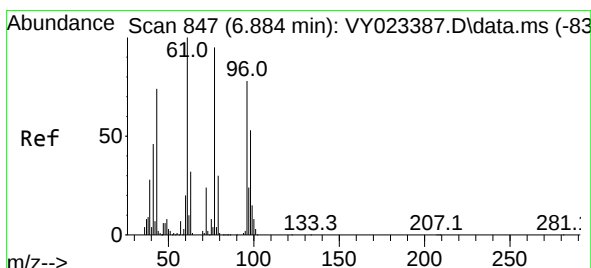
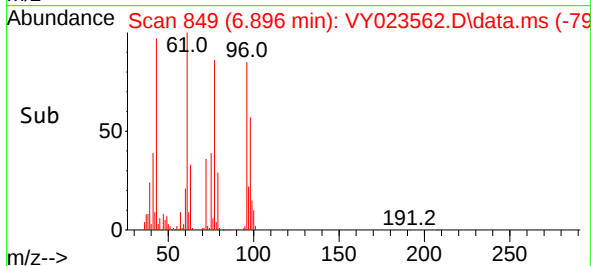
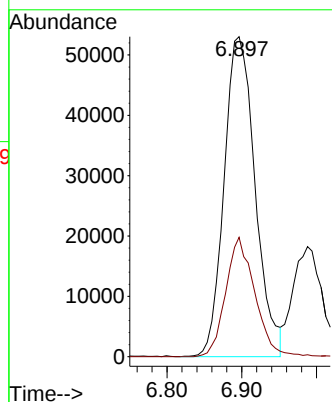
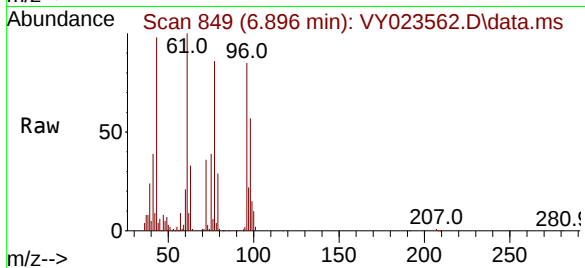
VY1024SBS01

Tgt Ion: 43 Resp: 153481

Ion Ratio Lower Upper

43 100

72 37.3 27.4 41.2



#26

2,2-Dichloropropane

Concen: 21.441 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023562.D

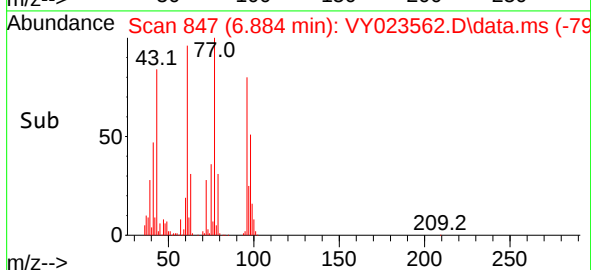
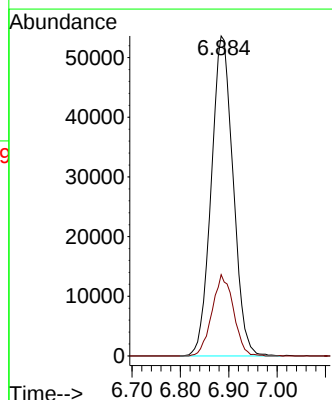
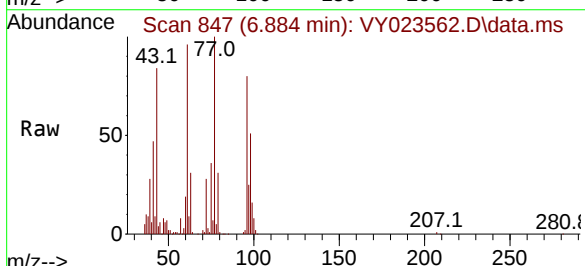
Acq: 24 Oct 2025 10:14

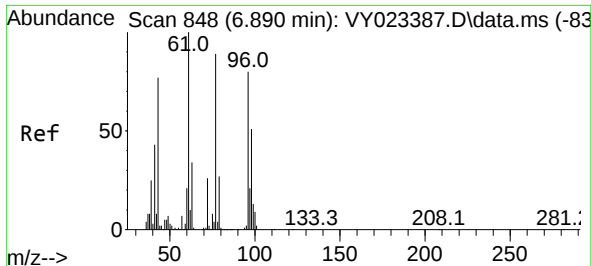
Tgt Ion: 77 Resp: 168220

Ion Ratio Lower Upper

77 100

97 24.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 21.699 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBSD01

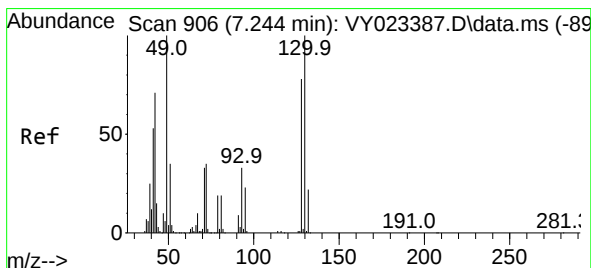
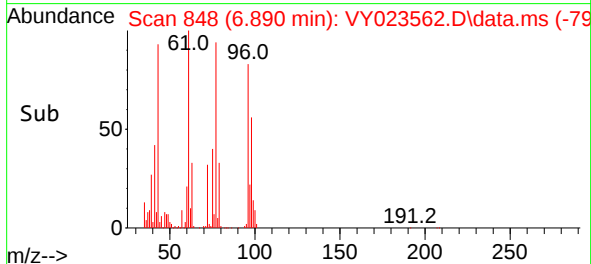
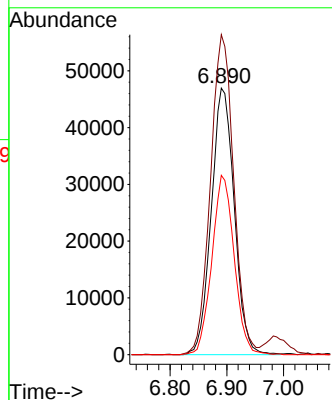
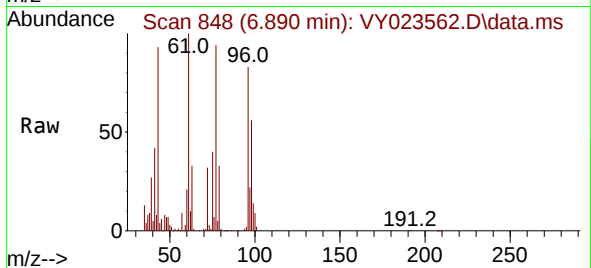
Tgt Ion: 96 Resp: 132133

Ion Ratio Lower Upper

96 100

61 121.1 0.0 258.2

98 65.4 0.0 132.0



#28

Bromochloromethane

Concen: 20.042 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

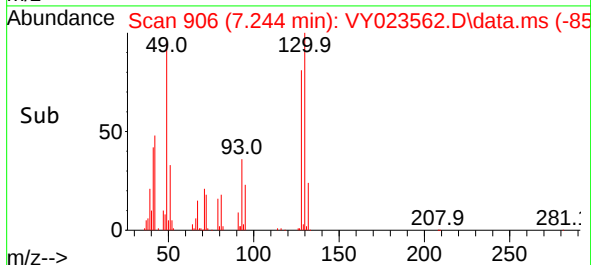
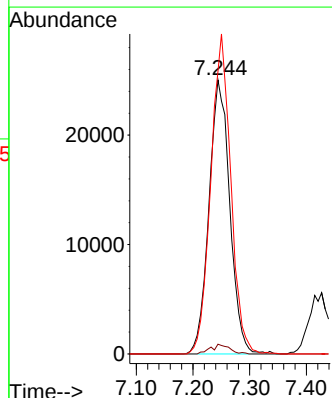
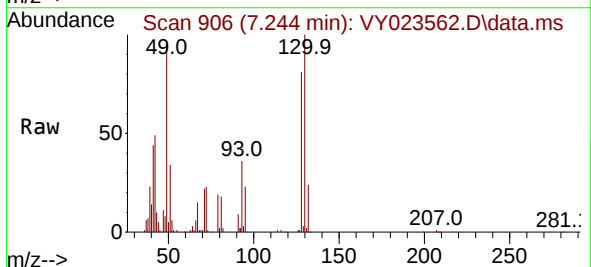
Tgt Ion: 49 Resp: 63974

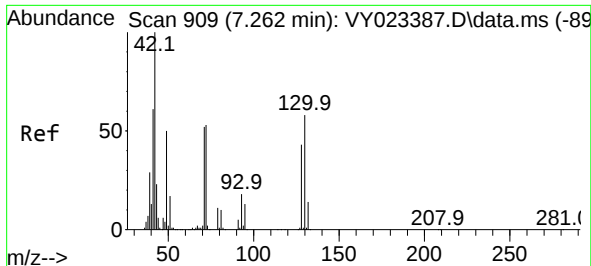
Ion Ratio Lower Upper

49 100

129 3.2 0.0 5.6

130 111.9 81.9 122.9





#29

Tetrahydrofuran

Concen: 96.536 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

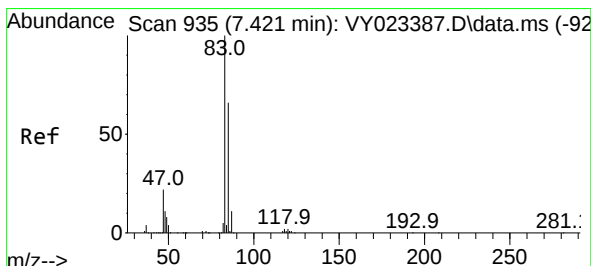
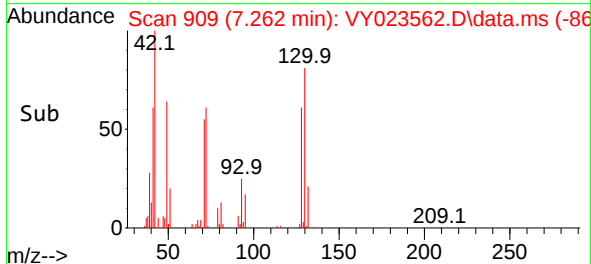
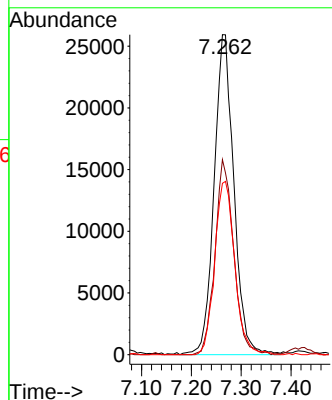
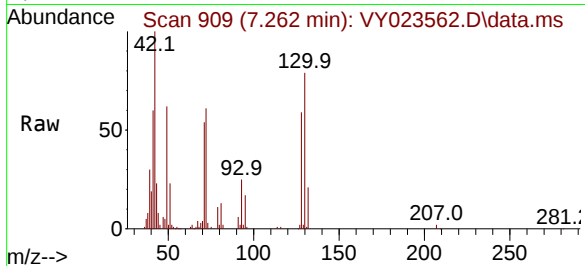
Tgt Ion: 42 Resp: 71418

Ion Ratio Lower Upper

42 100

72 57.6 43.0 64.6

71 54.9 40.1 60.1



#30

Chloroform

Concen: 21.289 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023562.D

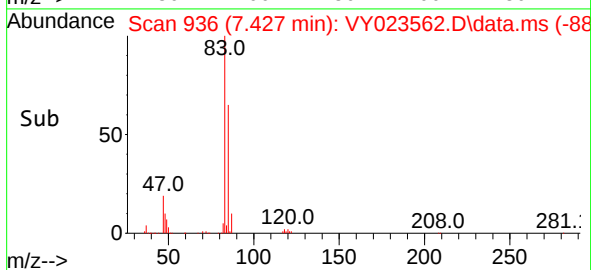
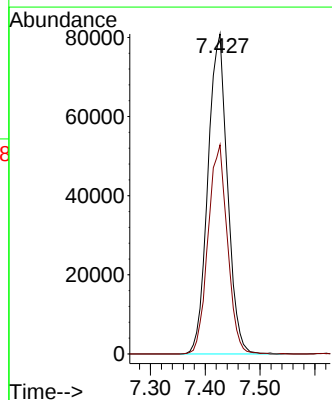
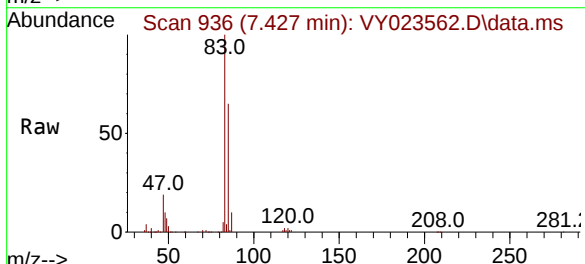
Acq: 24 Oct 2025 10:14

Tgt Ion: 83 Resp: 199992

Ion Ratio Lower Upper

83 100

85 65.4 52.5 78.7

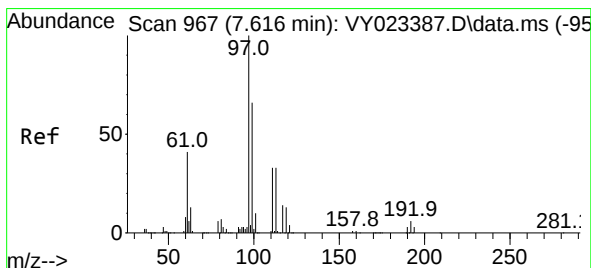
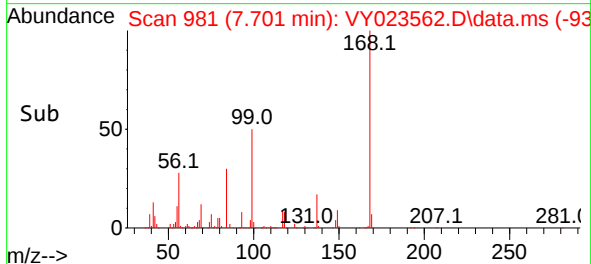
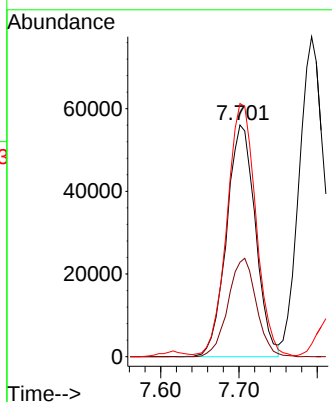
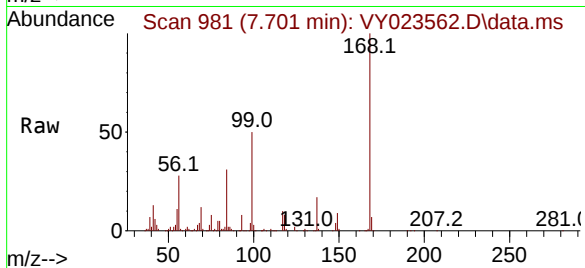




#31
Cyclohexane
Concen: 19.213 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

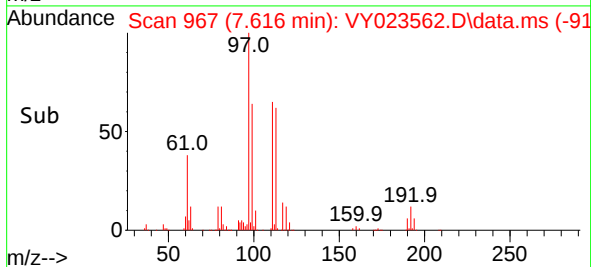
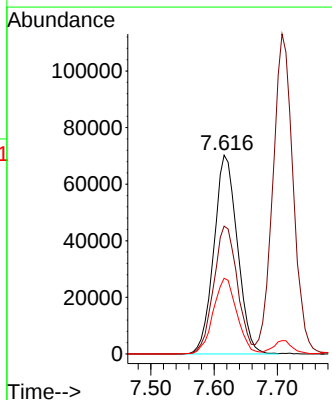
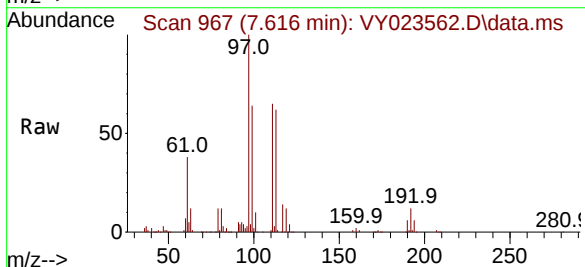
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

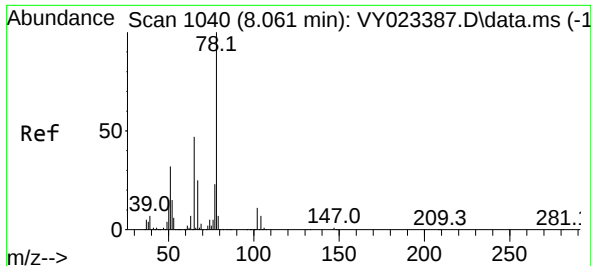
Tgt Ion: 56 Resp: 143461
Ion Ratio Lower Upper
56 100
69 40.7 30.0 45.0
84 107.4 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 21.213 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 97 Resp: 181103
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.2
61 38.4 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 44.408 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

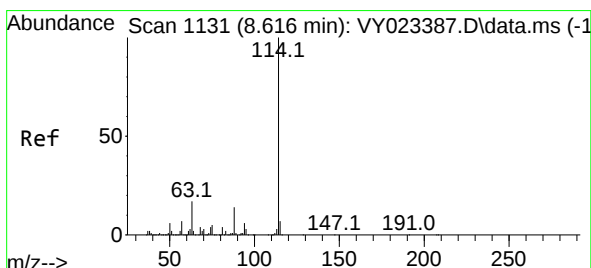
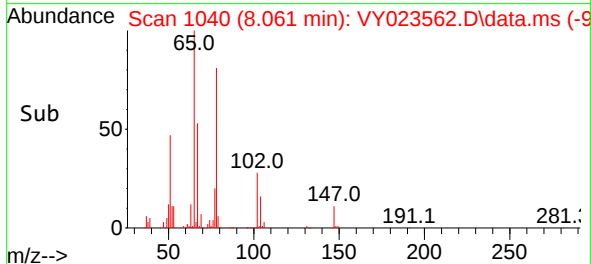
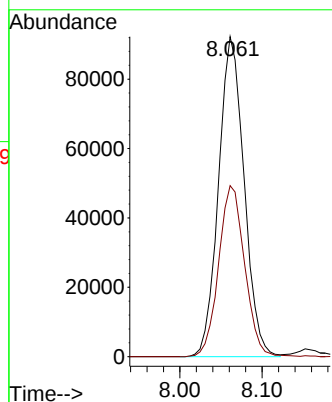
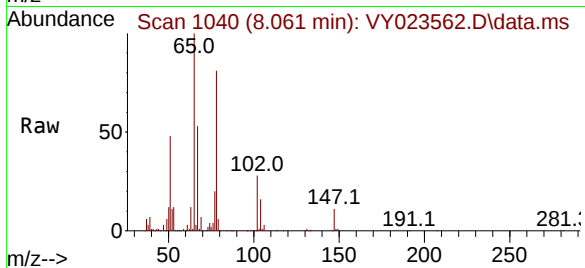
VY1024SBS01

Tgt Ion: 65 Resp: 199332

Ion Ratio Lower Upper

65 100

67 54.5 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: VY023562.D

Acq: 24 Oct 2025 10:14

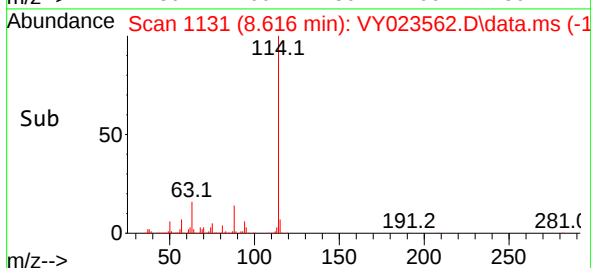
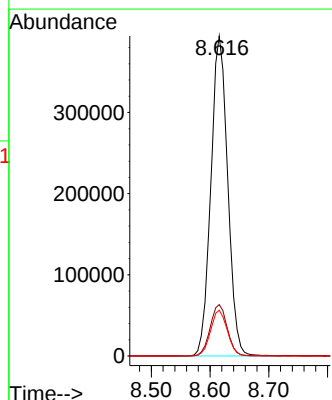
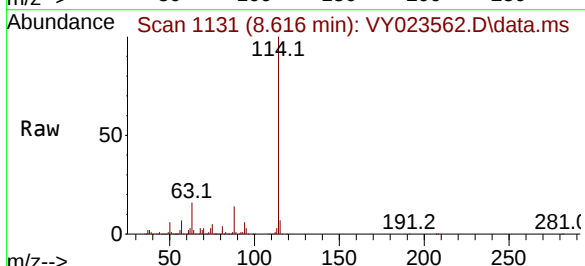
Tgt Ion: 114 Resp: 783587

Ion Ratio Lower Upper

114 100

63 16.0 0.0 34.2

88 14.3 0.0 28.4

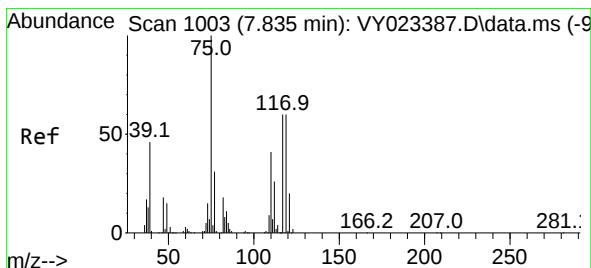
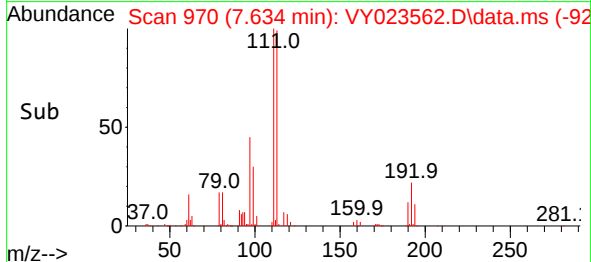
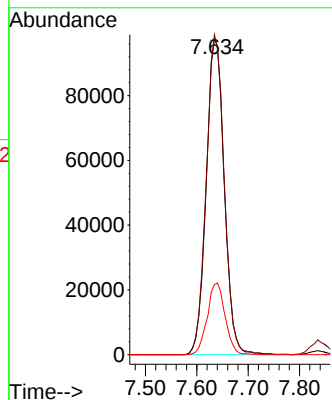
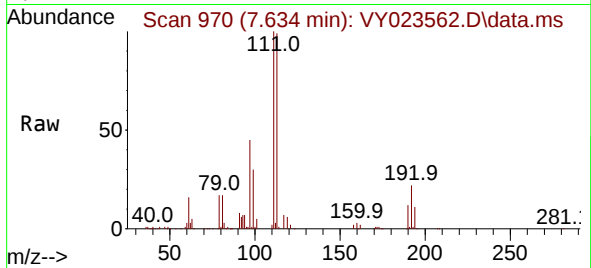




#35
Dibromofluoromethane
Concen: 49.359 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

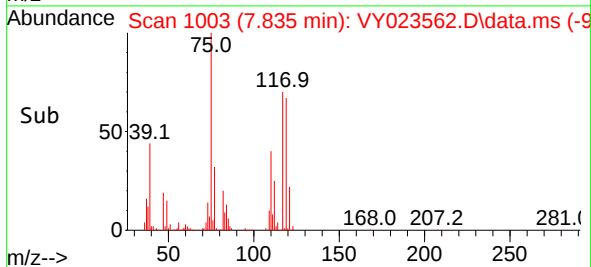
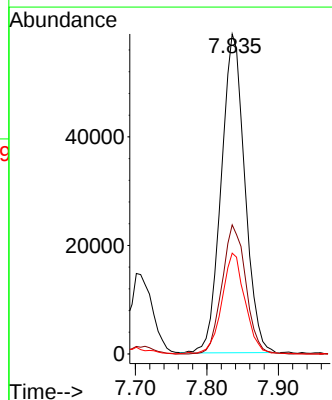
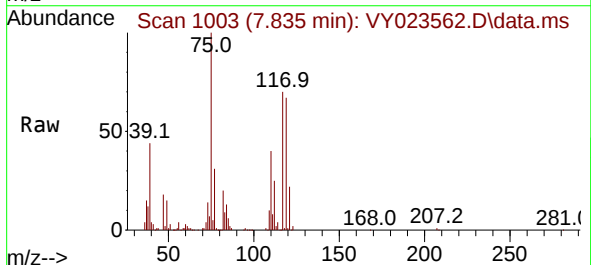
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

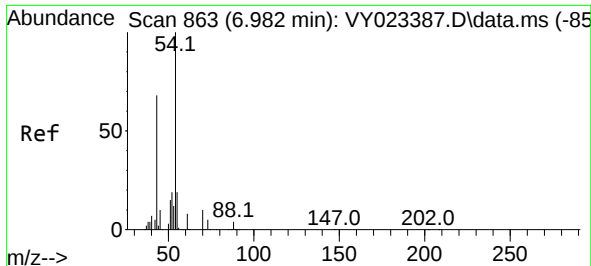
Tgt Ion:113 Resp: 237654
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 22.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 21.094 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 134460
Ion Ratio Lower Upper
75 100
110 40.8 19.9 59.7
77 31.3 25.0 37.6





#37

Ethyl Acetate

Concen: 20.234 ug/l

RT: 6.988 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

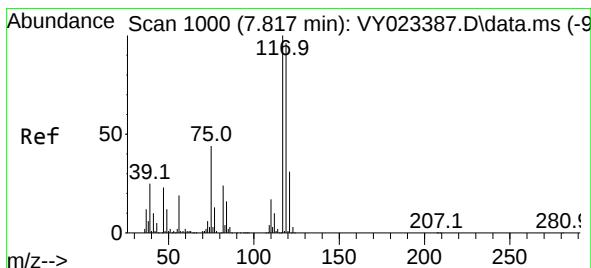
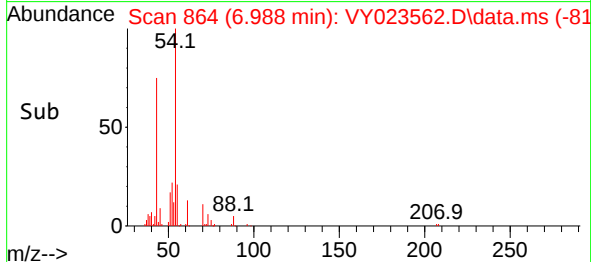
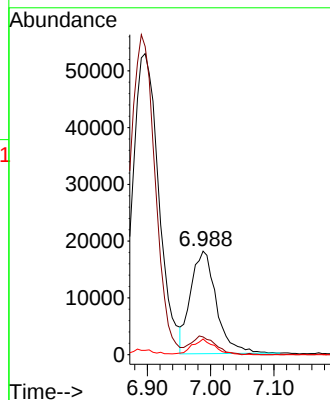
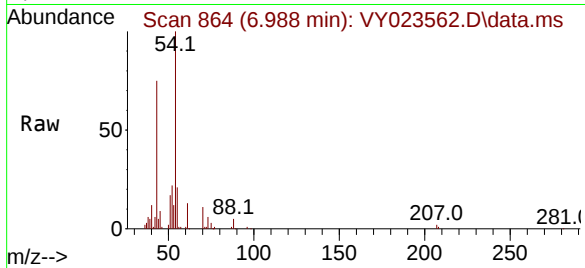
Tgt Ion: 43 Resp: 51097

Ion Ratio Lower Upper

43 100

61 17.0 11.8 17.8

70 13.4 10.5 15.7



#38

Carbon Tetrachloride

Concen: 21.356 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

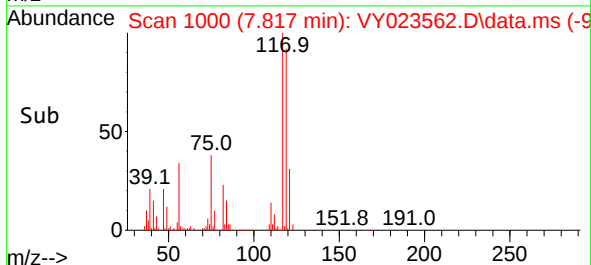
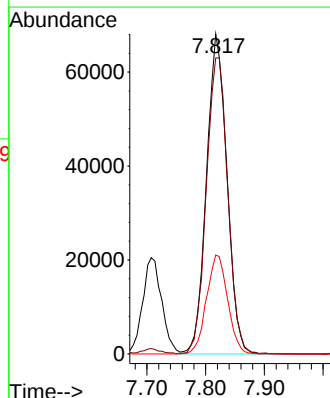
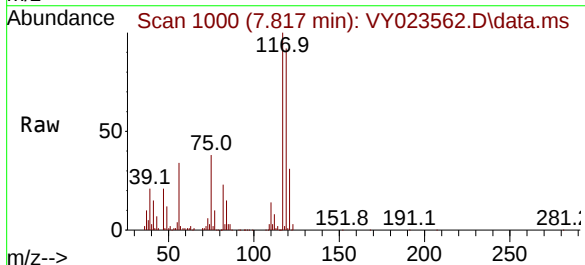
Tgt Ion: 117 Resp: 165067

Ion Ratio Lower Upper

117 100

119 92.4 76.8 115.2

121 30.9 24.5 36.7





#39

Methylcyclohexane

Concen: 20.661 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBSD01

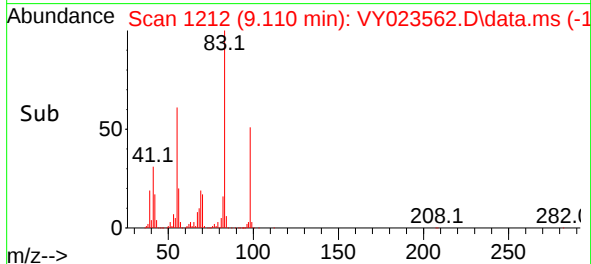
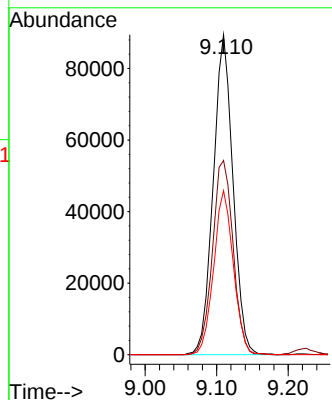
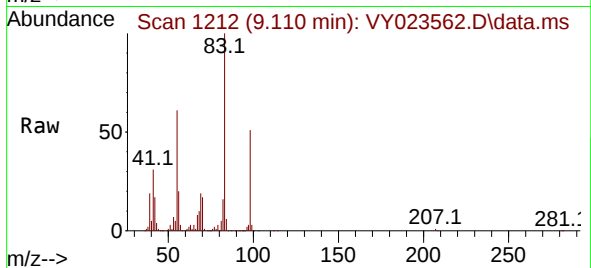
Tgt Ion: 83 Resp: 171472

Ion Ratio Lower Upper

83 100

55 60.7 51.4 77.2

98 51.3 40.4 60.6



#40

Benzene

Concen: 21.267 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023562.D

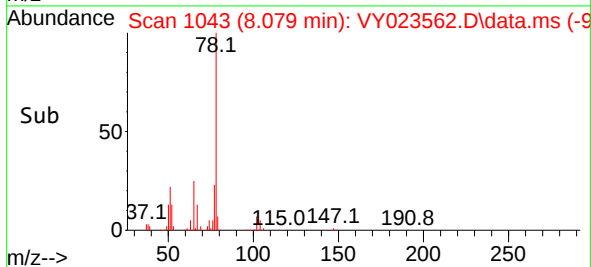
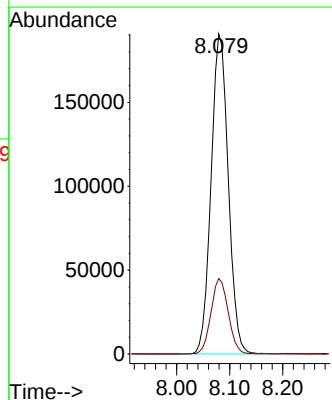
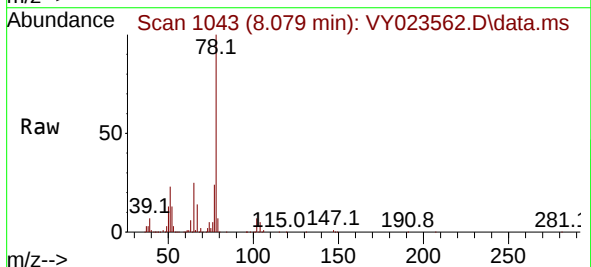
Acq: 24 Oct 2025 10:14

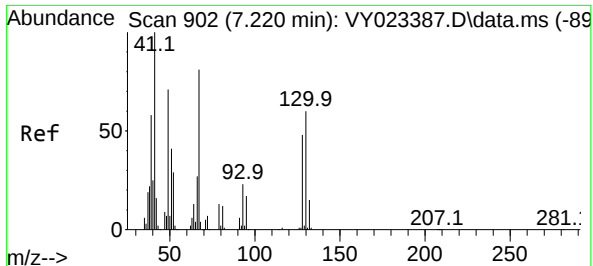
Tgt Ion: 78 Resp: 429319

Ion Ratio Lower Upper

78 100

77 23.6 18.3 27.5

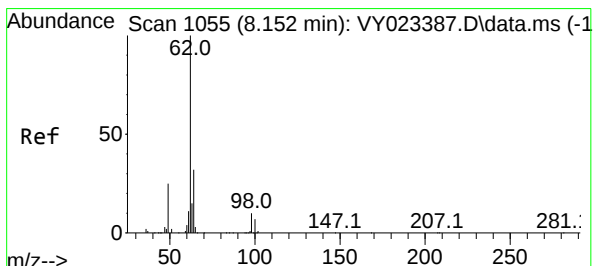
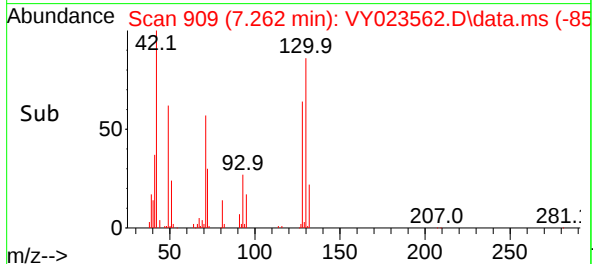
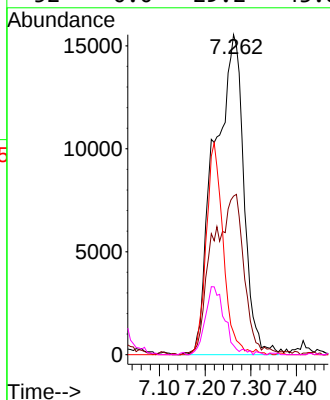
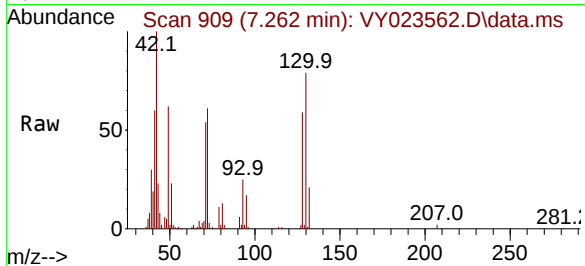




#41
Methacrylonitrile
Concen: 50.875 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.043 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

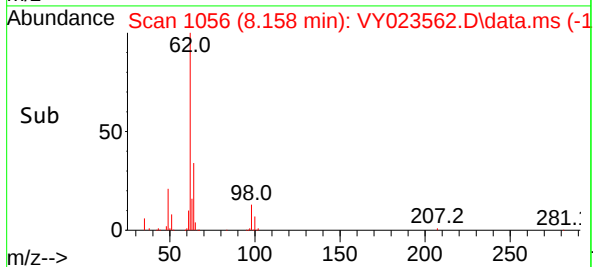
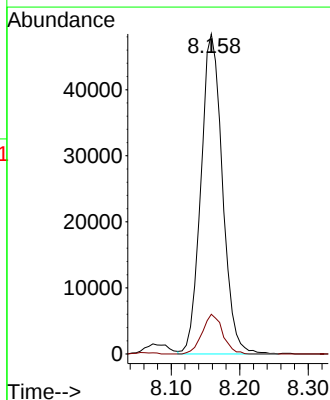
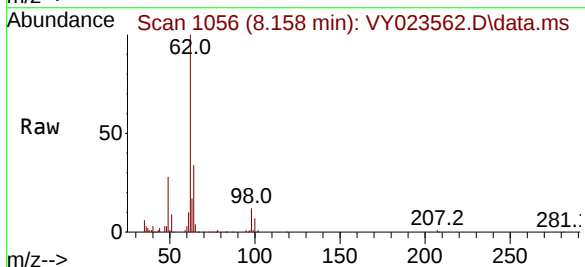
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

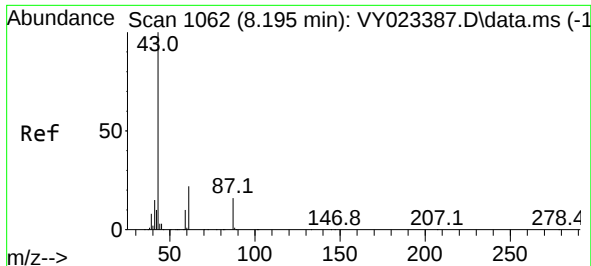
Tgt Ion: 41 Resp: 69484
Ion Ratio Lower Upper
41 100
39 27.5 52.2 78.4#
67 0.0 74.9 112.3#
52 0.0 29.2 43.8#



#42
1,2-Dichloroethane
Concen: 20.365 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 62 Resp: 106025
Ion Ratio Lower Upper
62 100
98 11.8 0.0 21.6





#43

Isopropyl Acetate

Concen: 20.085 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

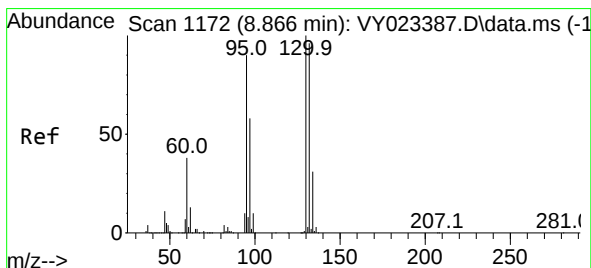
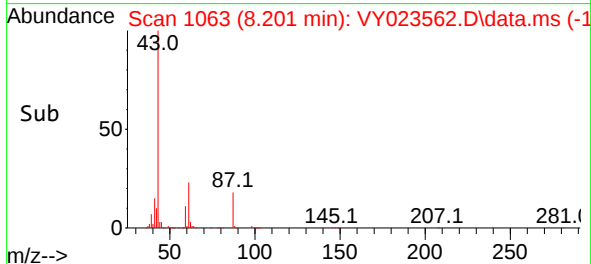
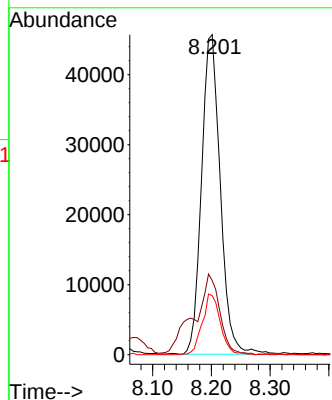
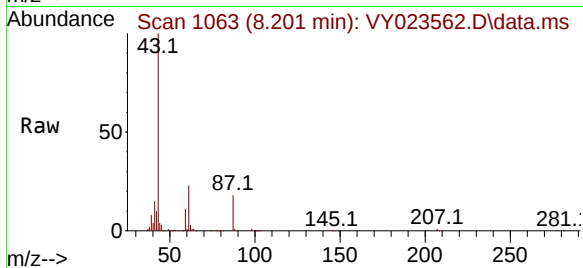
Tgt Ion: 43 Resp: 101137

Ion Ratio Lower Upper

43 100

61 34.6 18.1 27.1#

87 18.3 13.5 20.3



#44

Trichloroethene

Concen: 21.853 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY023562.D

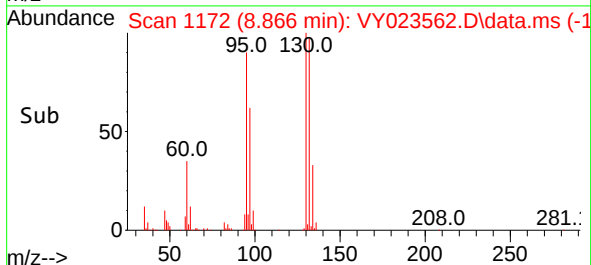
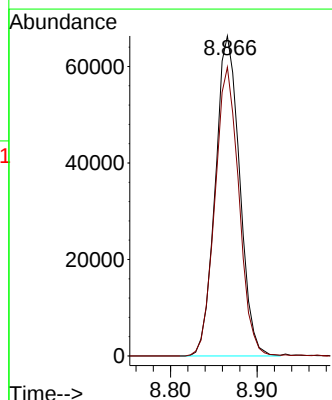
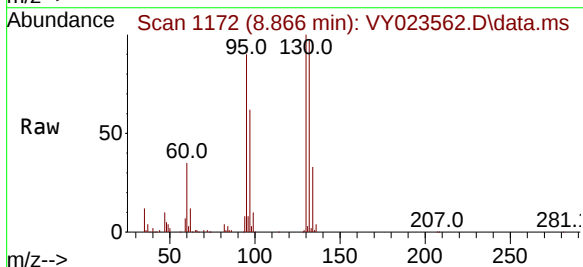
Acq: 24 Oct 2025 10:14

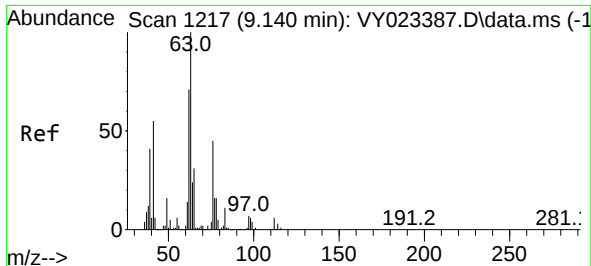
Tgt Ion:130 Resp: 129117

Ion Ratio Lower Upper

130 100

95 90.2 0.0 180.6





#45

1,2-Dichloropropane

Concen: 21.049 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

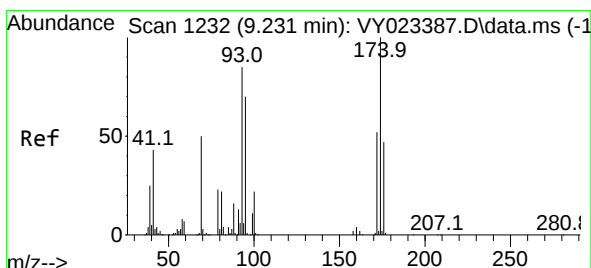
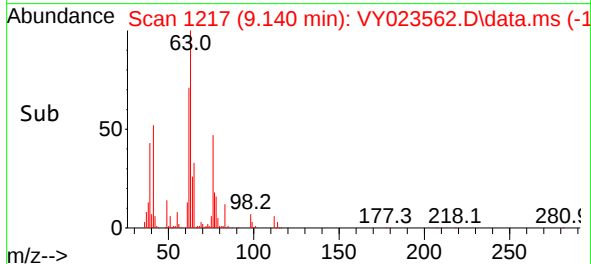
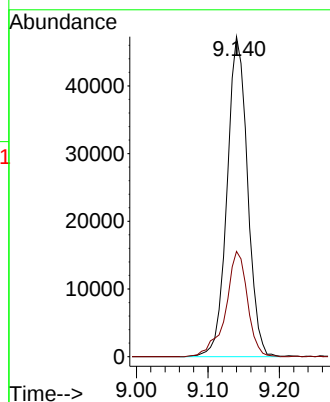
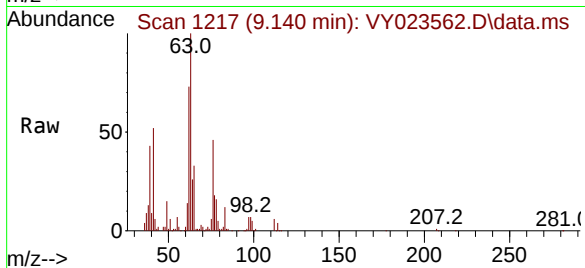
VY1024SBSD01

Tgt Ion: 63 Resp: 93853

Ion Ratio Lower Upper

63 100

65 32.9 24.9 37.3



#46

Dibromomethane

Concen: 21.762 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

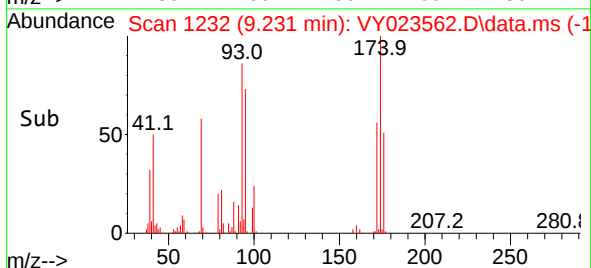
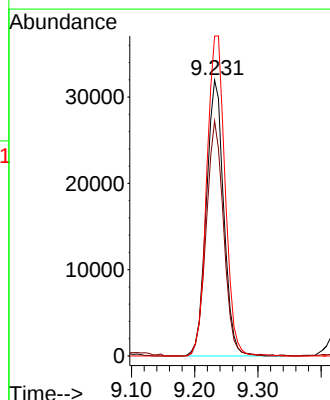
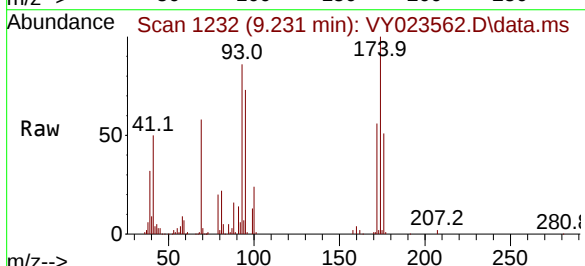
Tgt Ion: 93 Resp: 61356

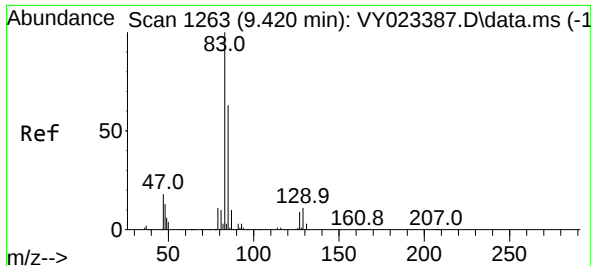
Ion Ratio Lower Upper

93 100

95 84.6 65.4 98.0

174 121.2 92.9 139.3

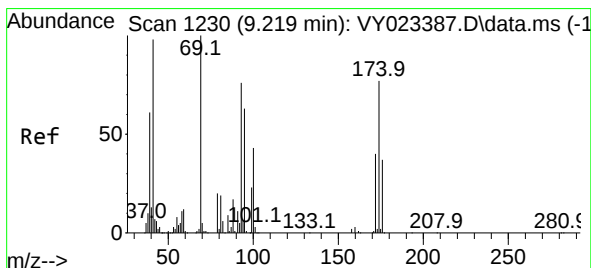
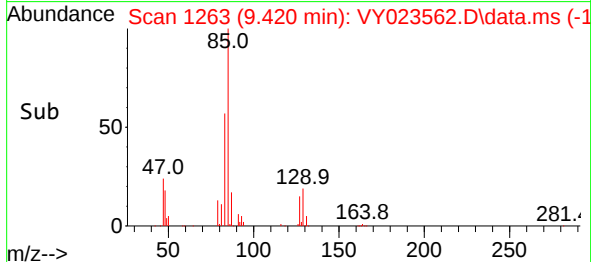
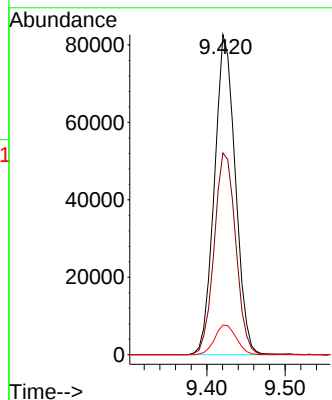
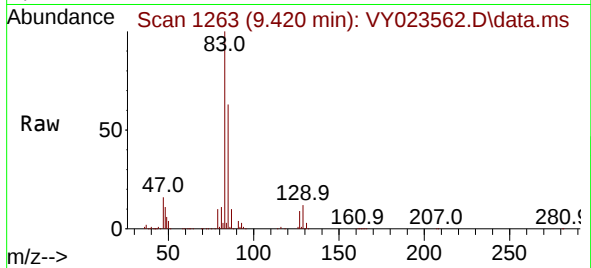




#47
Bromodichloromethane
Concen: 21.596 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

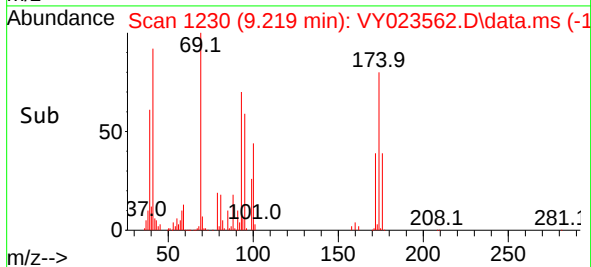
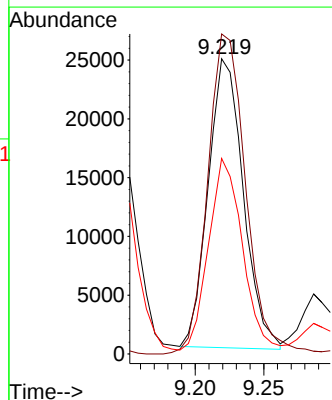
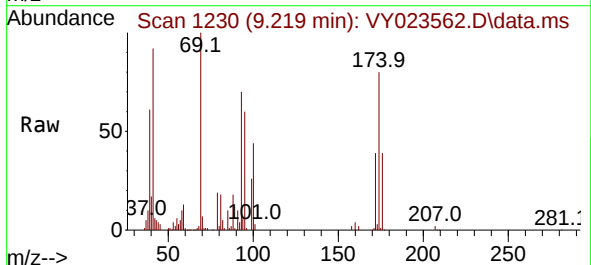
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

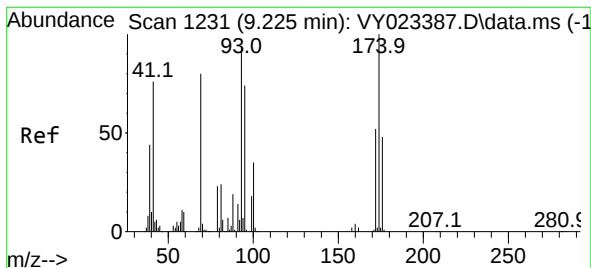
Tgt Ion: 83 Resp: 153350
Ion Ratio Lower Upper
83 100
85 63.0 50.8 76.2
127 9.3 7.4 11.2



#48
Methyl methacrylate
Concen: 18.531 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 41 Resp: 43837
Ion Ratio Lower Upper
41 100
69 119.6 81.0 121.4
39 66.1 48.2 72.4





#49

1,4-Dioxane

Concen: 426.504 ug/l

RT: 9.225 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBSD01

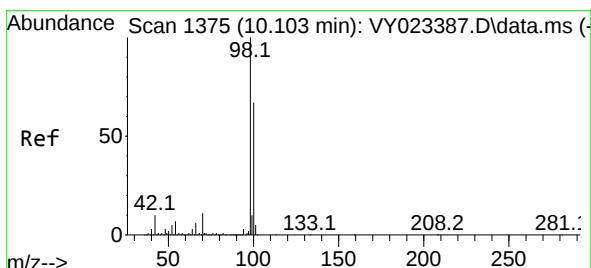
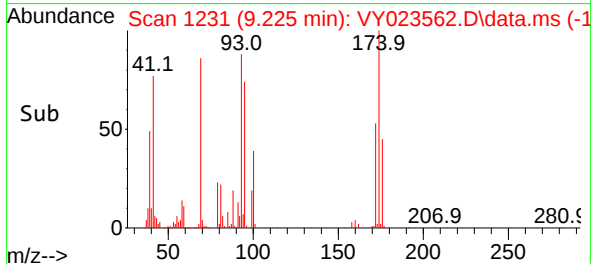
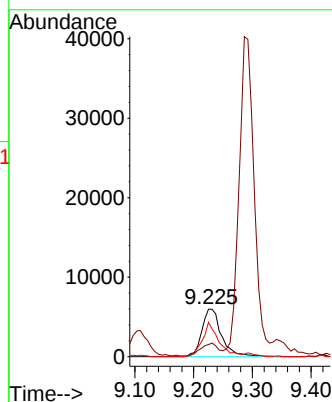
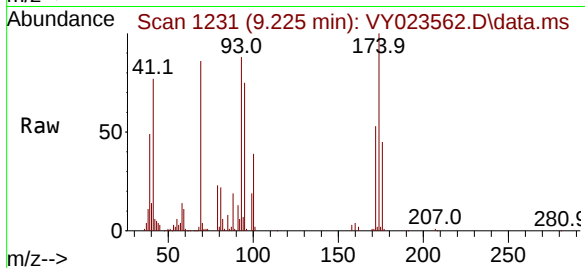
Tgt Ion: 88 Resp: 13942

Ion Ratio Lower Upper

88 100

43 23.7 21.8 32.8

58 59.8 46.8 70.2



#50

Toluene-d8

Concen: 47.619 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023562.D

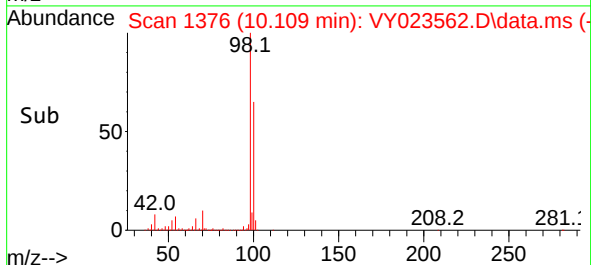
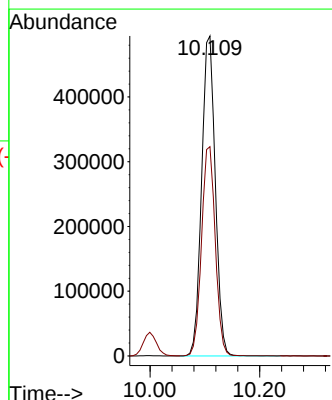
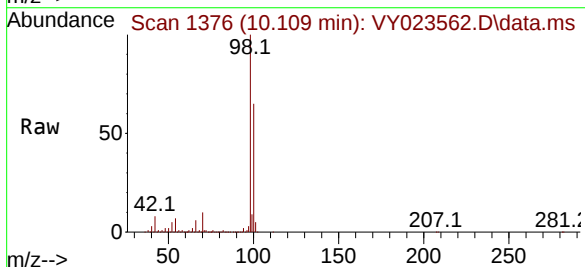
Acq: 24 Oct 2025 10:14

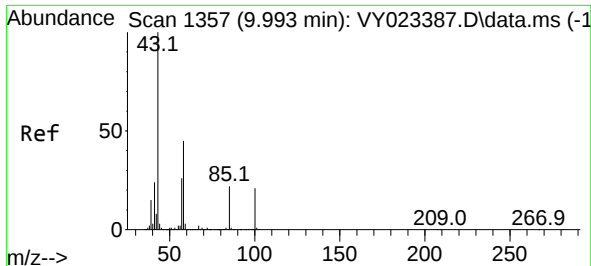
Tgt Ion: 98 Resp: 853846

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4

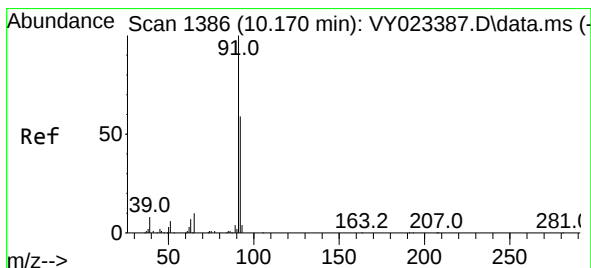
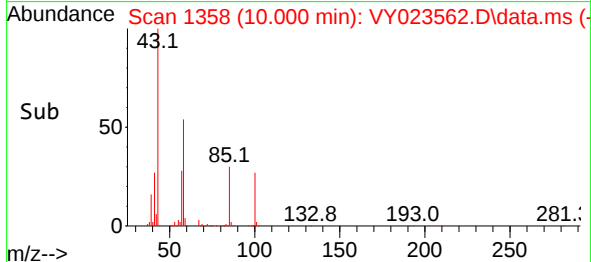
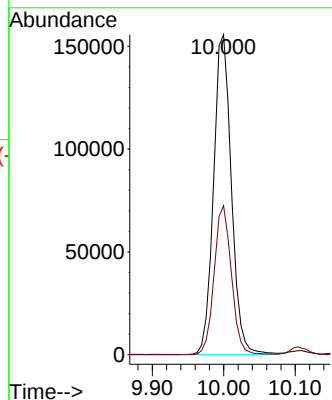
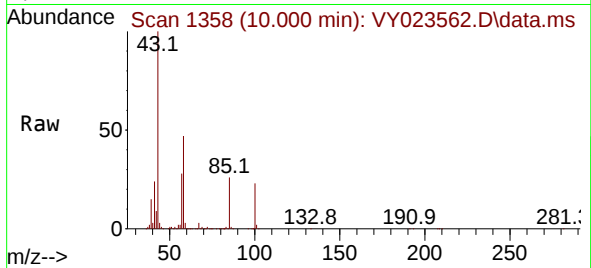




#51
4-Methyl-2-Pentanone
Concen: 103.526 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

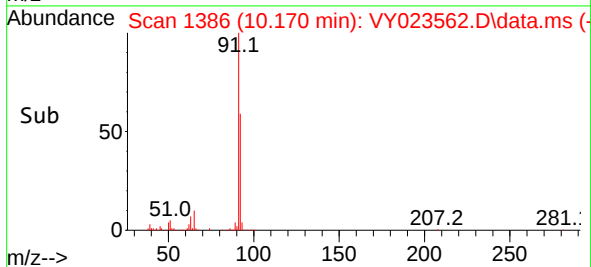
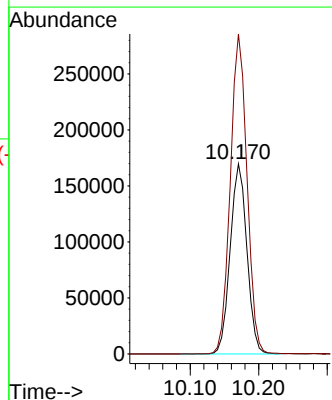
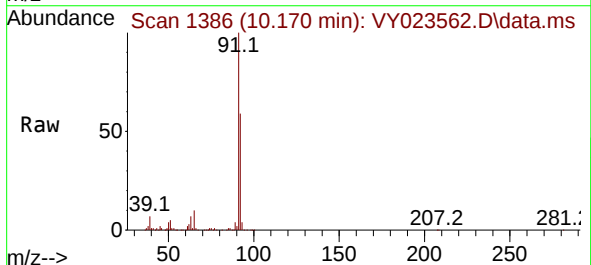
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 43 Resp: 269342
Ion Ratio Lower Upper
43 100
58 45.2 35.3 52.9



#52
Toluene
Concen: 21.935 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 92 Resp: 287505
Ion Ratio Lower Upper
92 100
91 168.2 136.4 204.6

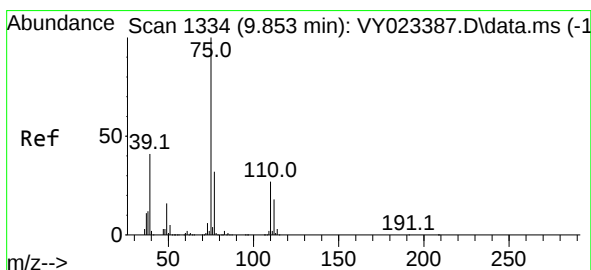
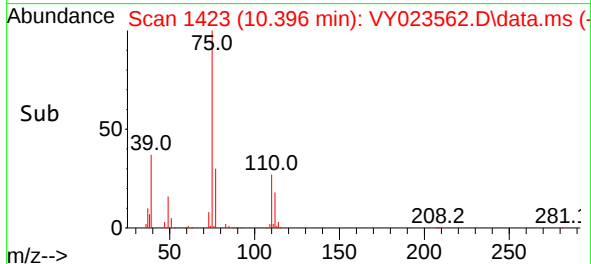
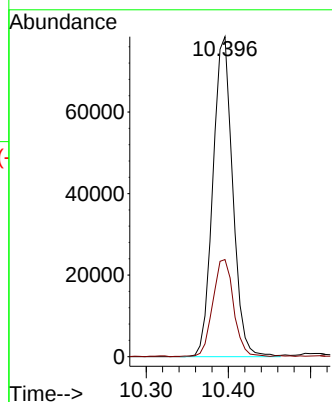
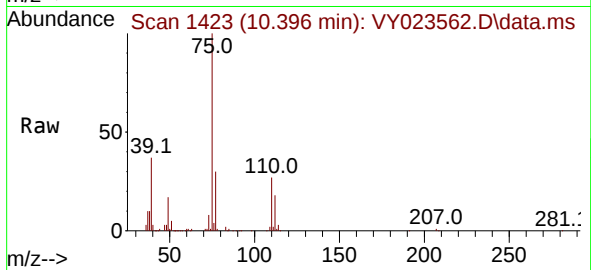




#53
t-1,3-Dichloropropene
Concen: 21.252 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

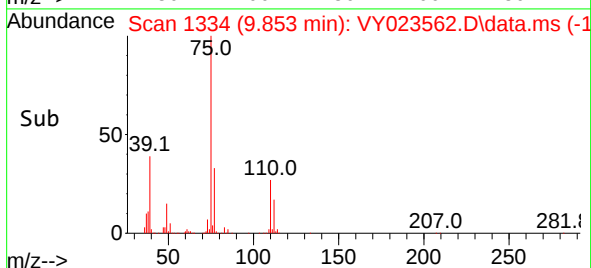
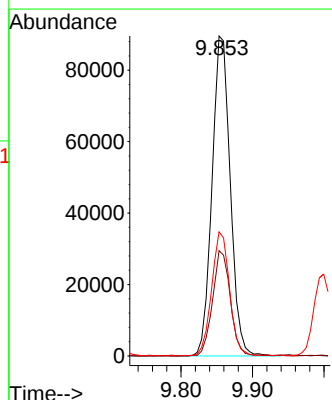
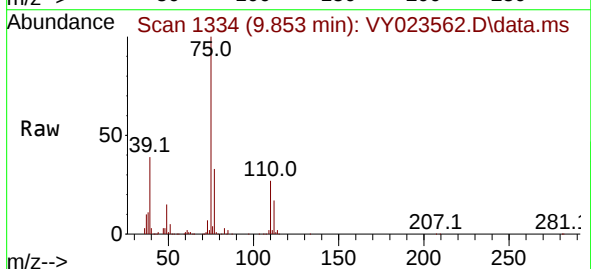
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion: 75 Resp: 131216
Ion Ratio Lower Upper
75 100
77 30.2 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 21.760 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 158569
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
39 38.7 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 22.969 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBSD01

Tgt Ion: 97 Resp: 87086

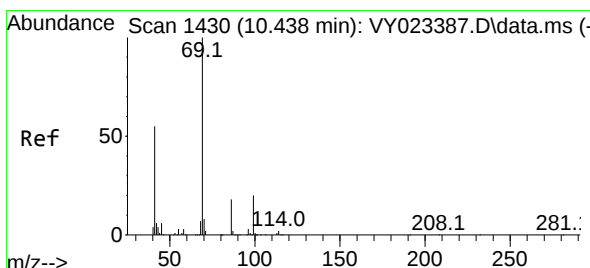
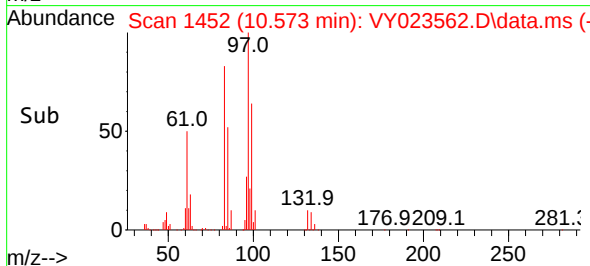
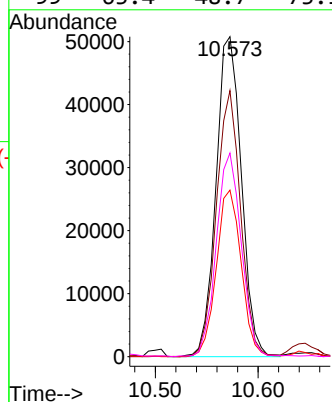
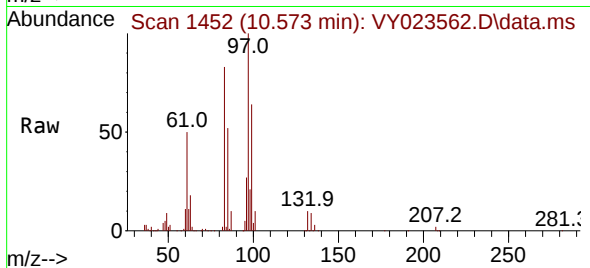
Ion Ratio Lower Upper

97 100

83 83.2 61.8 92.6

85 52.1 41.3 61.9

99 63.4 48.7 73.1



#56

Ethyl methacrylate

Concen: 21.090 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

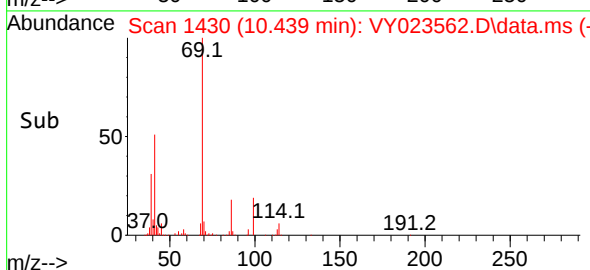
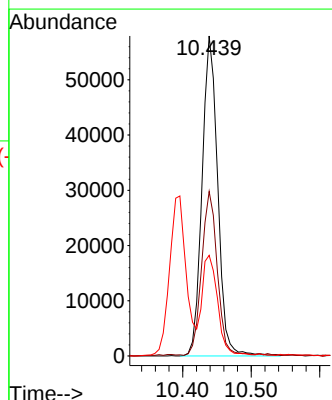
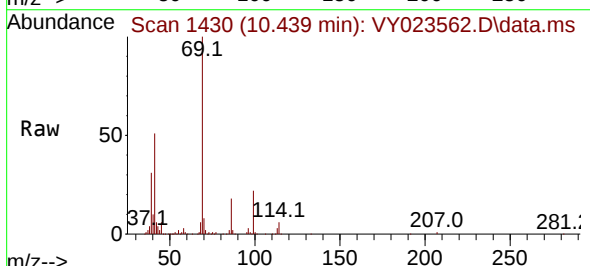
Tgt Ion: 69 Resp: 92237

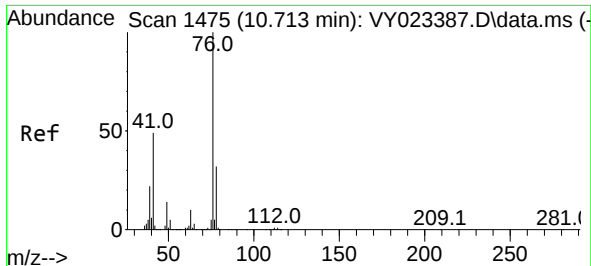
Ion Ratio Lower Upper

69 100

41 51.1 44.6 67.0

39 30.5 27.0 40.4





#57

1,3-Dichloropropane

Concen: 22.110 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

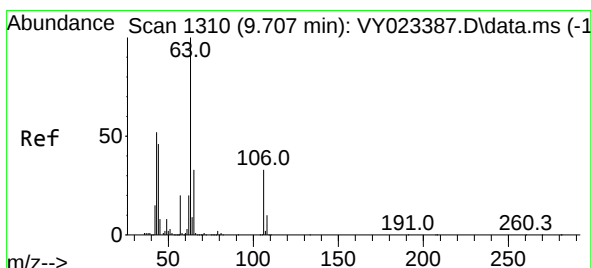
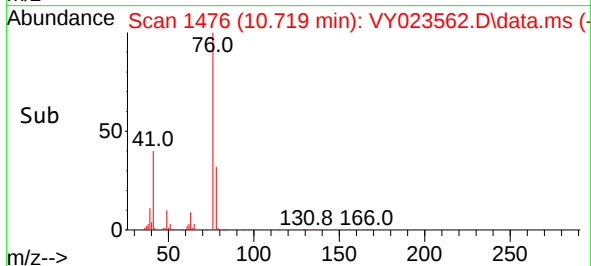
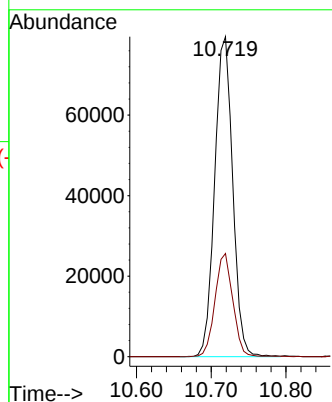
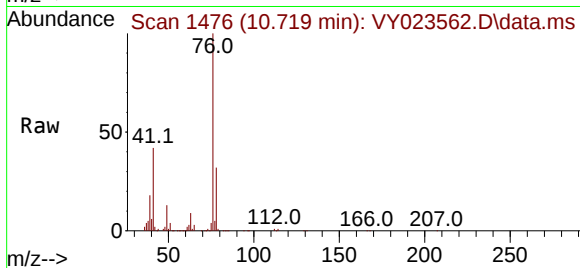
VY1024SBS01

Tgt Ion: 76 Resp: 132832

Ion Ratio Lower Upper

76 100

78 32.0 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 100.804 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023562.D

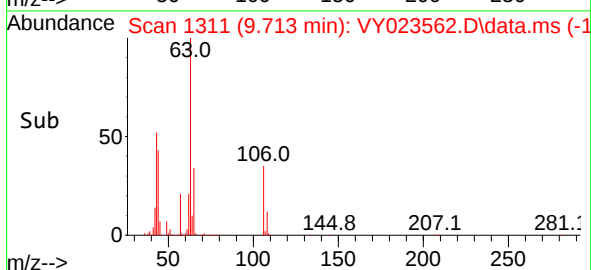
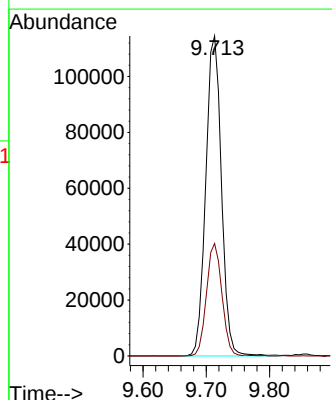
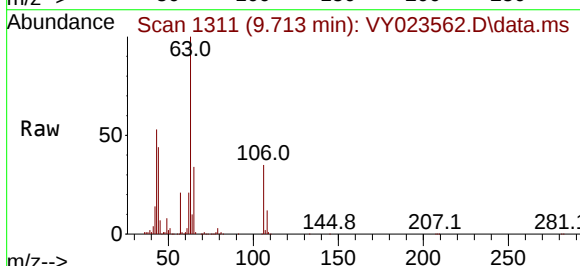
Acq: 24 Oct 2025 10:14

Tgt Ion: 63 Resp: 197494

Ion Ratio Lower Upper

63 100

106 34.8 26.6 39.8

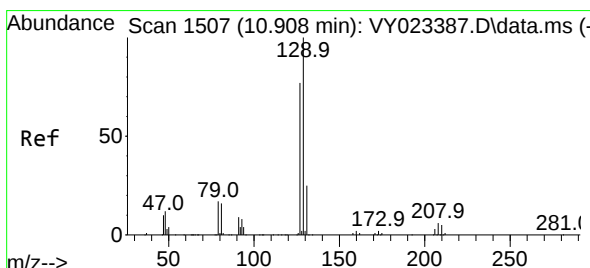
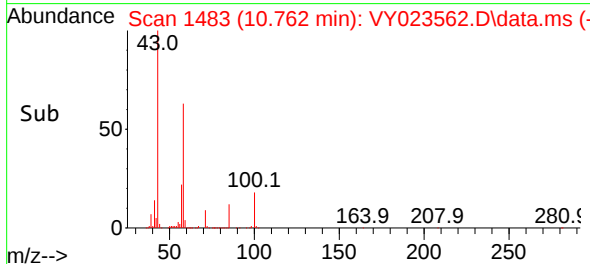
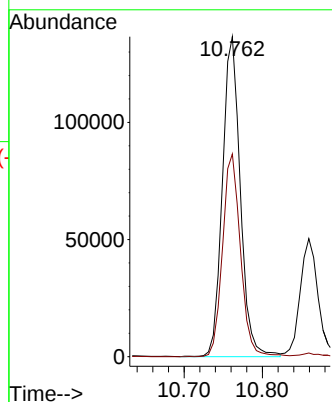
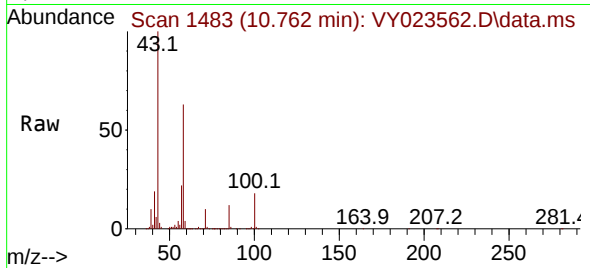




#59
2-Hexanone
Concen: 116.754 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

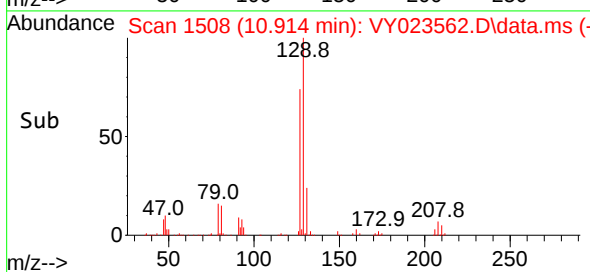
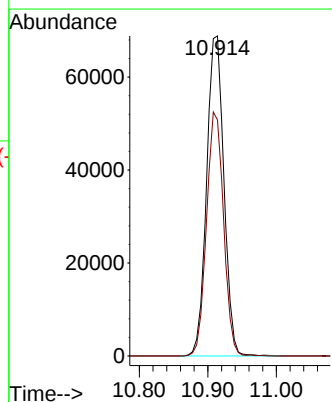
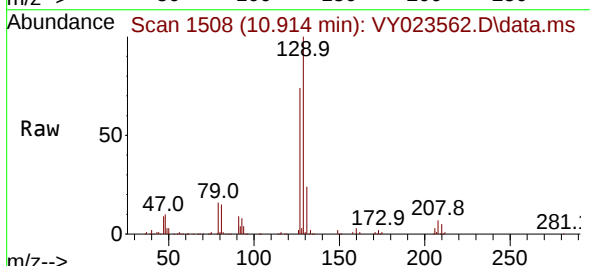
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBS01

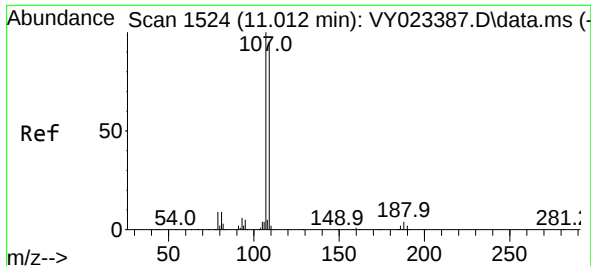
Tgt Ion: 43 Resp: 217078
Ion Ratio Lower Upper
43 100
58 63.5 30.5 91.5



#60
Dibromochloromethane
Concen: 22.725 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 129 Resp: 120798
Ion Ratio Lower Upper
129 100
127 75.2 38.6 115.7

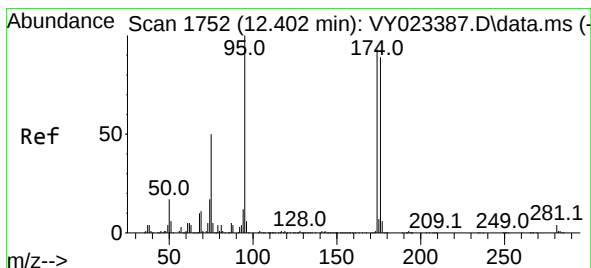
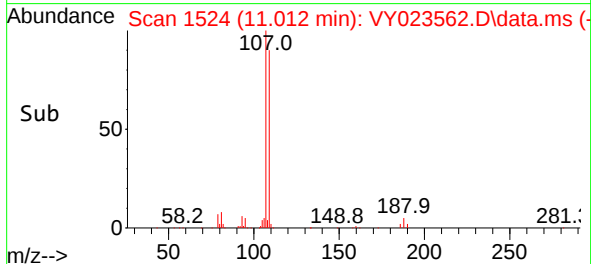
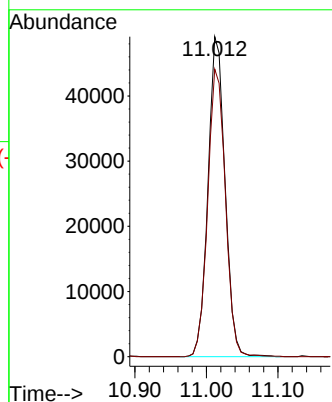
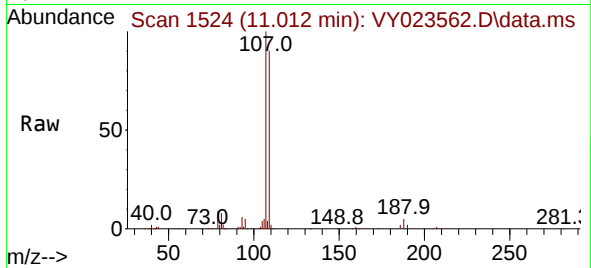




#61
1,2-Dibromoethane
Concen: 22.484 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

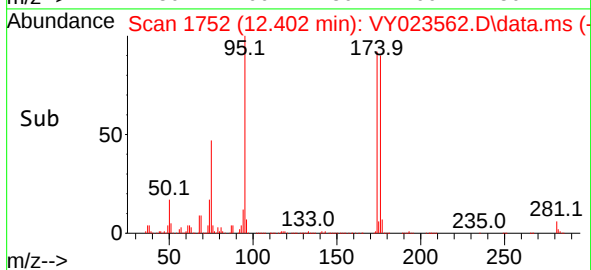
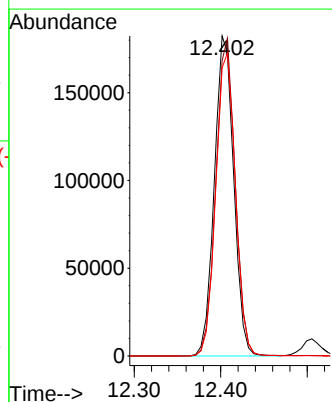
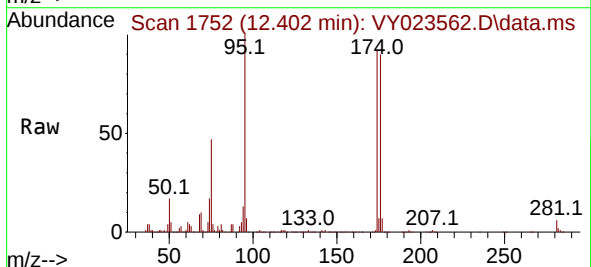
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

Tgt Ion:107 Resp: 81298
Ion Ratio Lower Upper
107 100
109 93.3 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 47.784 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 95 Resp: 282869
Ion Ratio Lower Upper
95 100
174 99.0 0.0 192.8
176 96.0 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: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

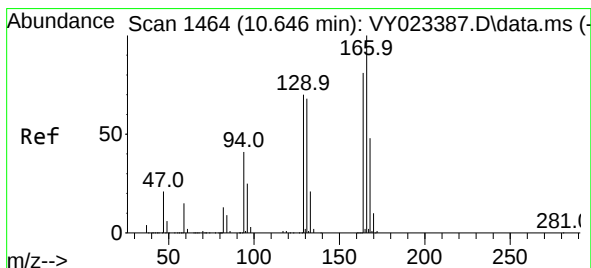
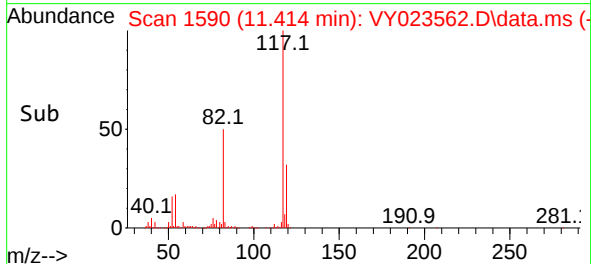
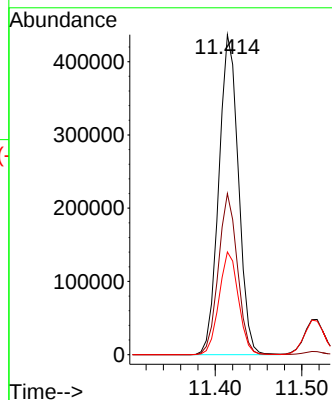
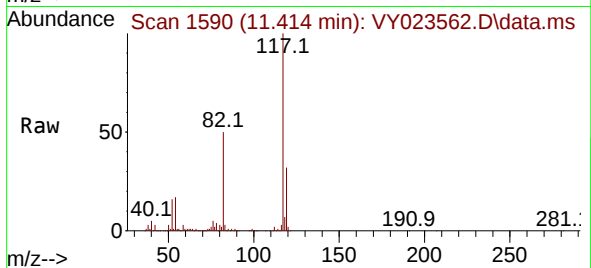
Tgt Ion:117 Resp: 686581

Ion Ratio Lower Upper

117 100

82 50.4 41.0 61.4

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 21.309 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Tgt Ion:164 Resp: 151062

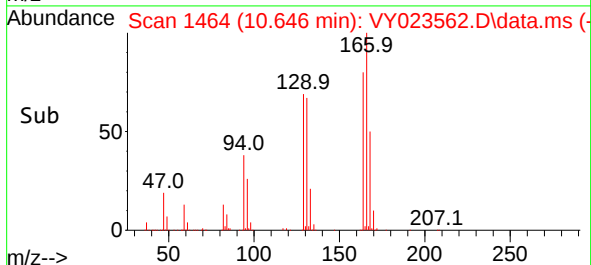
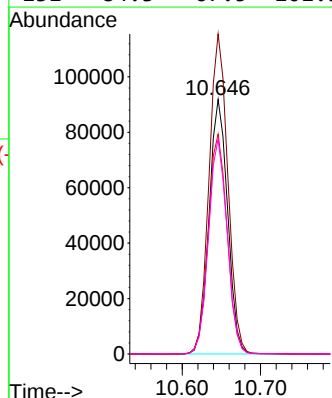
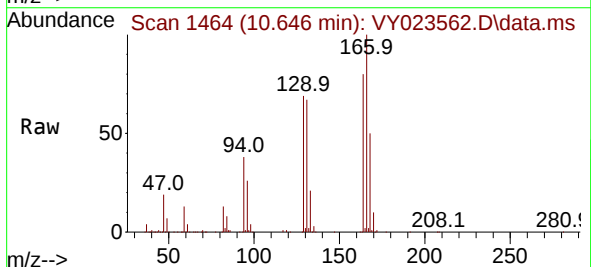
Ion Ratio Lower Upper

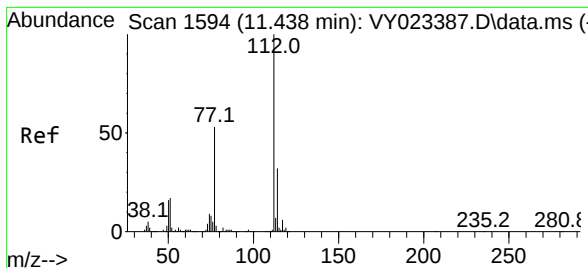
164 100

166 125.7 99.4 149.0

129 86.4 69.4 104.2

131 84.3 67.5 101.3

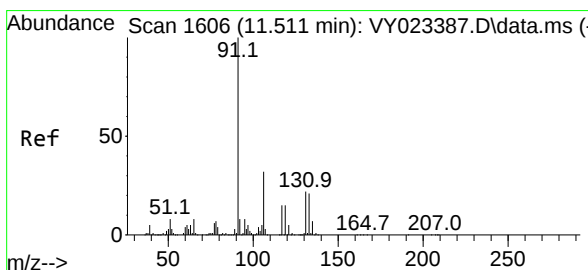
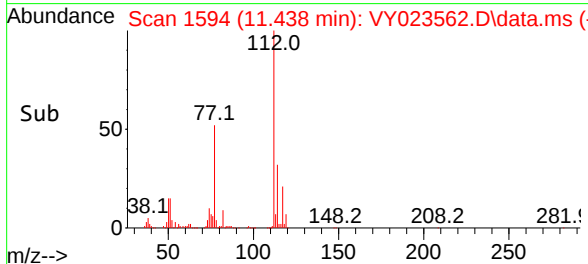
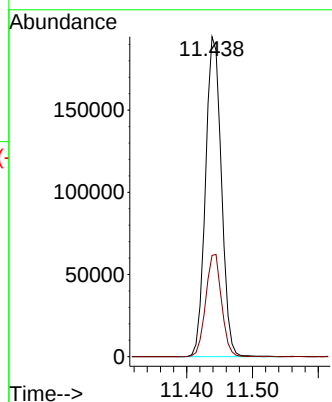
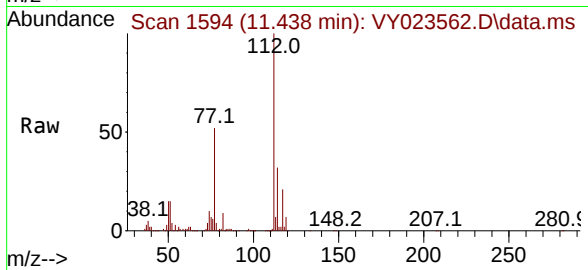




#65
Chlorobenzene
Concen: 21.874 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

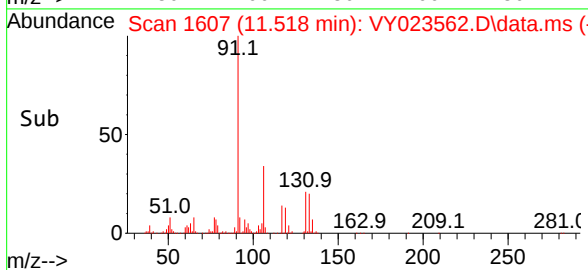
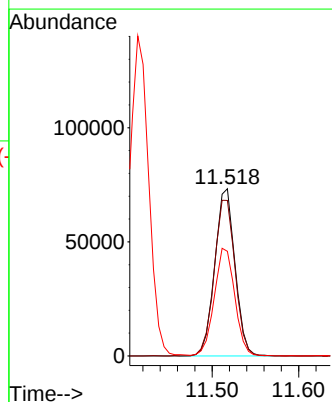
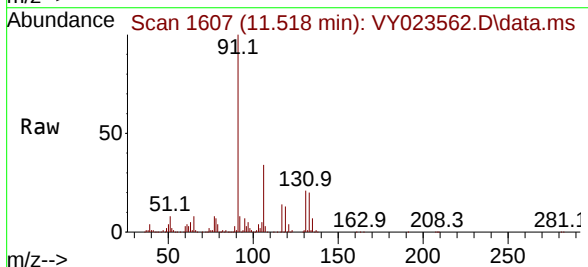
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

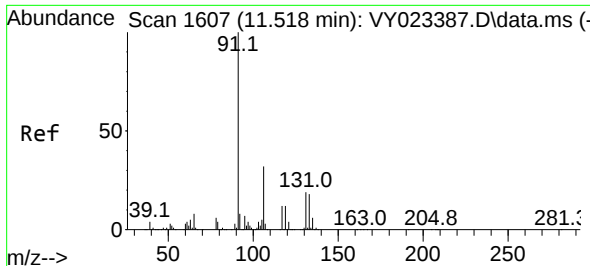
Tgt Ion:112 Resp: 326646
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.357 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:131 Resp: 118969
Ion Ratio Lower Upper
131 100
133 96.4 48.4 145.2
119 65.5 32.4 97.2

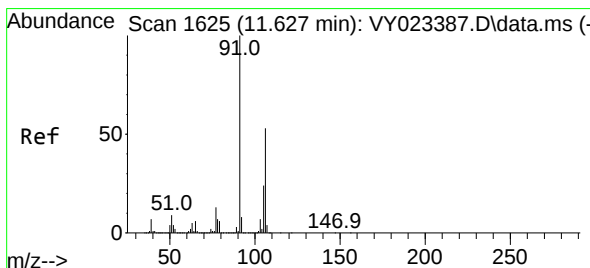
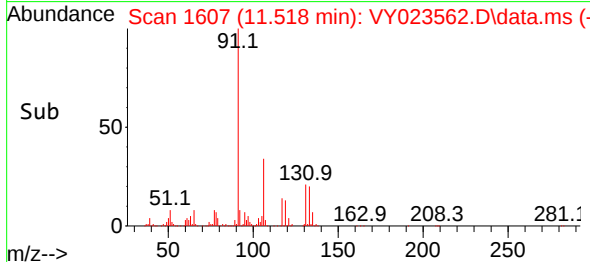
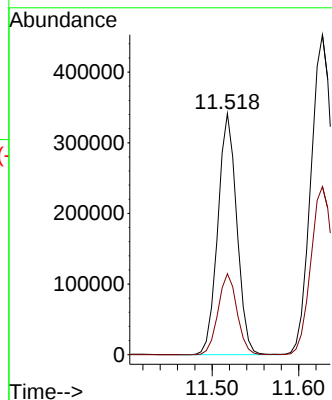
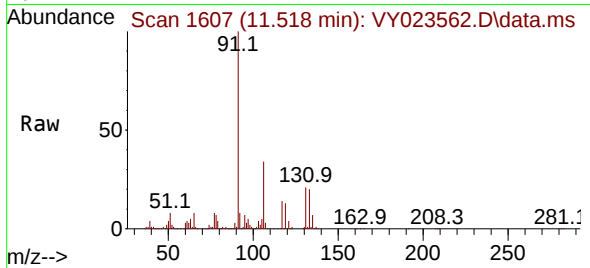




#67
Ethyl Benzene
Concen: 21.473 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

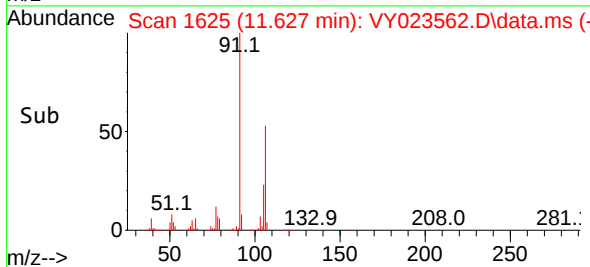
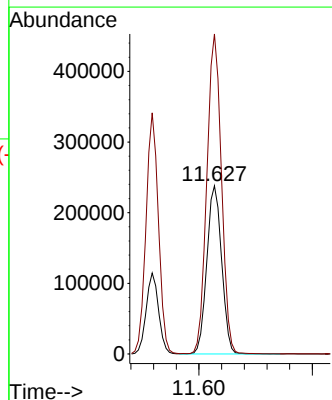
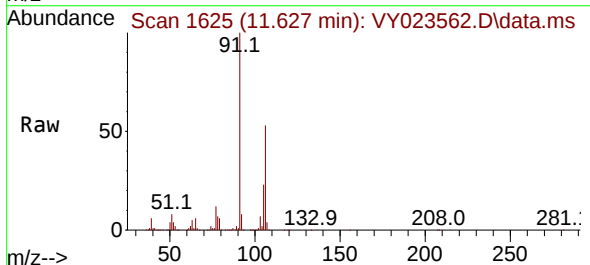
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

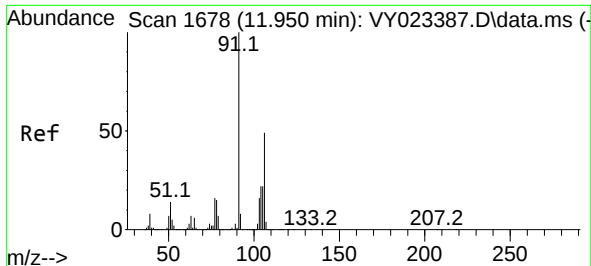
Tgt Ion: 91 Resp: 519038
Ion Ratio Lower Upper
91 100
106 33.6 25.8 38.8



#68
m/p-Xylenes
Concen: 44.437 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:106 Resp: 430825
Ion Ratio Lower Upper
106 100
91 187.4 152.6 229.0

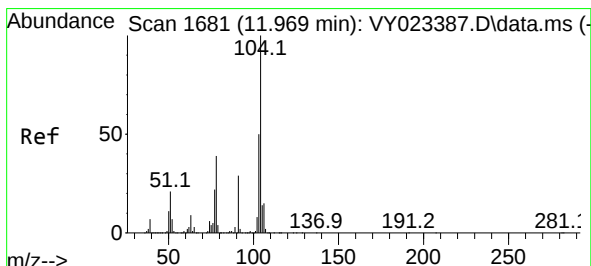
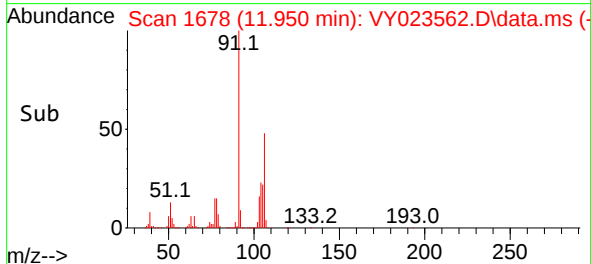
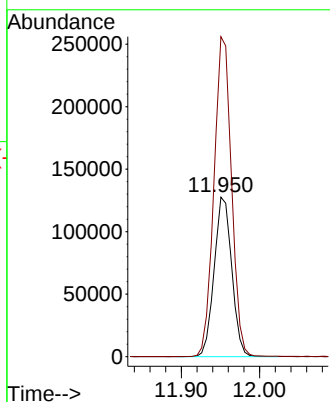
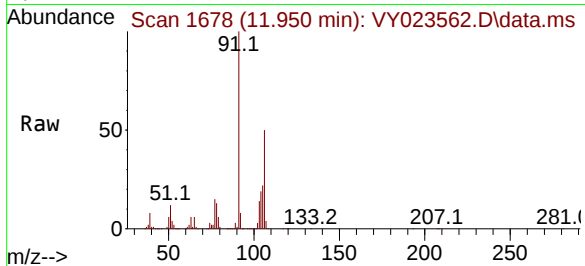




#69
o-Xylene
Concen: 21.978 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

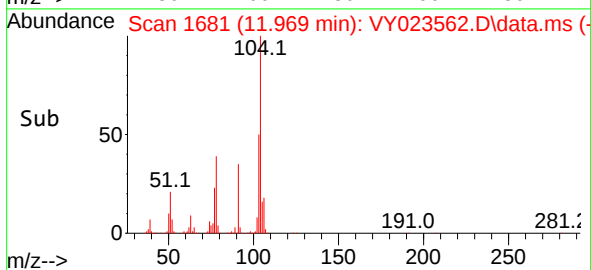
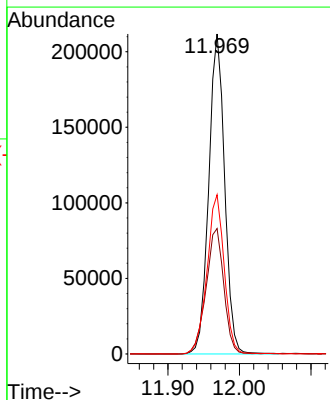
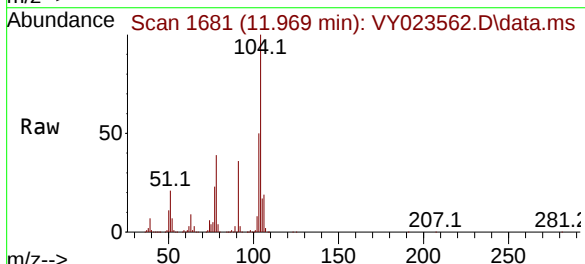
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

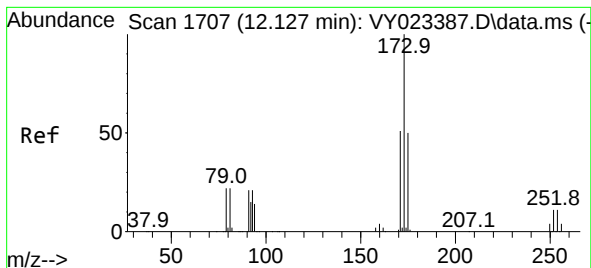
Tgt Ion:106 Resp: 199866
Ion Ratio Lower Upper
106 100
91 199.8 101.4 304.1



#70
Styrene
Concen: 21.872 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:104 Resp: 327085
Ion Ratio Lower Upper
104 100
78 43.8 36.1 54.1
103 53.8 43.2 64.8





#71

Bromoform

Concen: 22.597 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBSD01

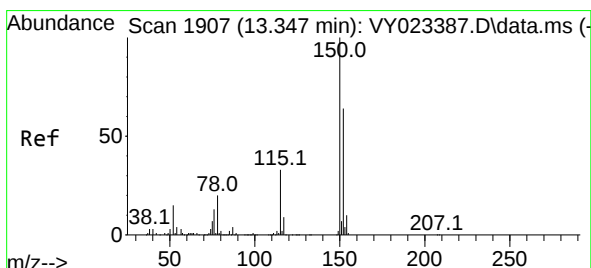
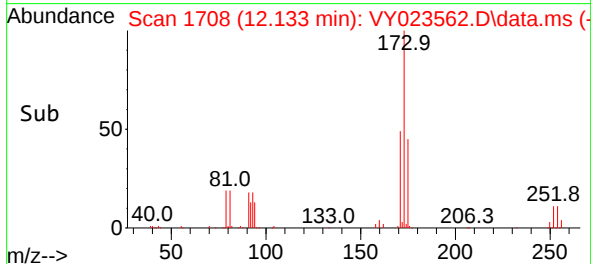
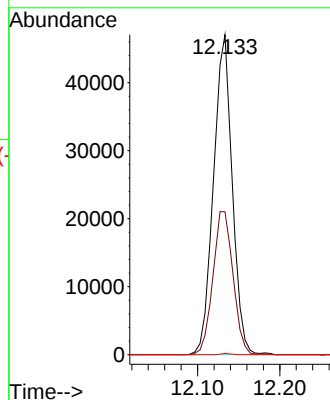
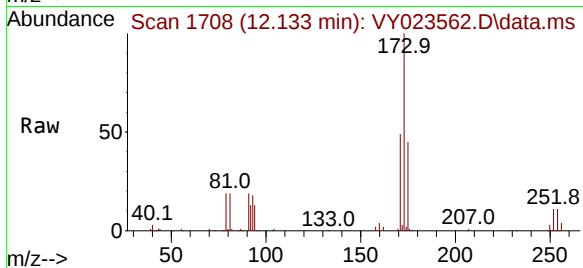
Tgt Ion:173 Resp: 74587

Ion Ratio Lower Upper

173 100

175 48.1 24.8 74.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

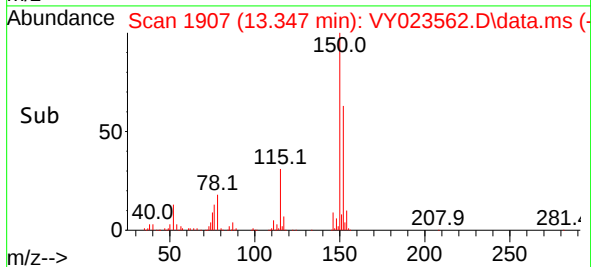
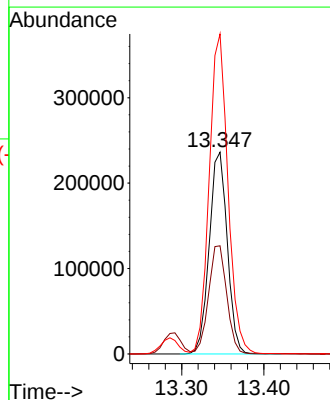
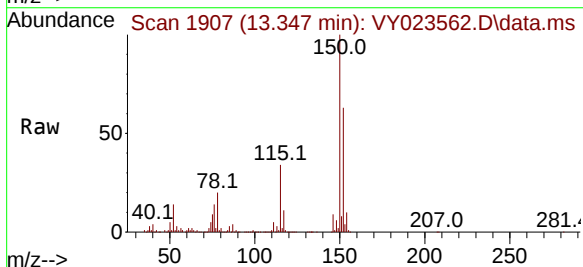
Tgt Ion:152 Resp: 360721

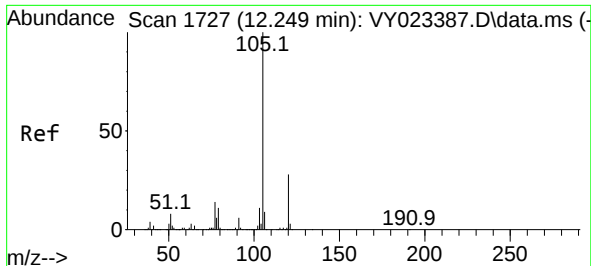
Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.2

150 164.2 0.0 347.4

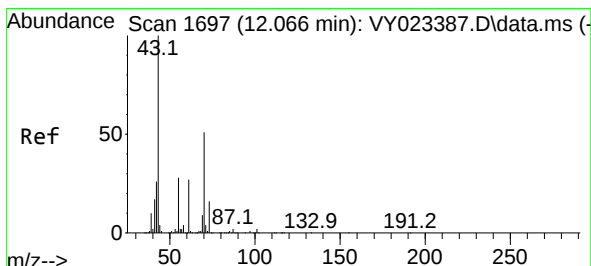
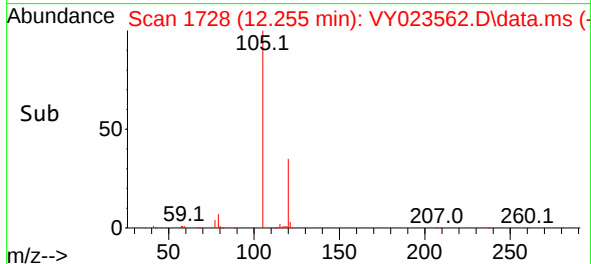
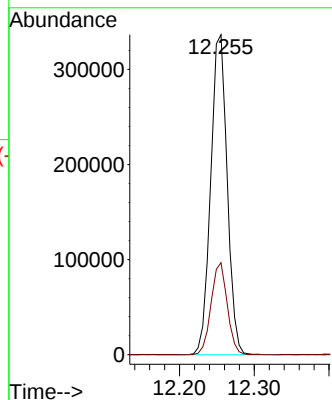
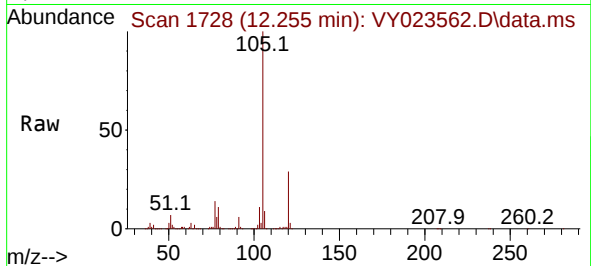




#73
Isopropylbenzene
Concen: 21.751 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

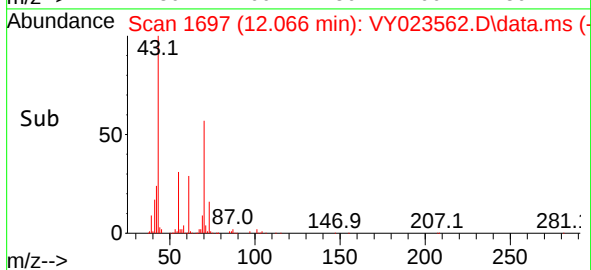
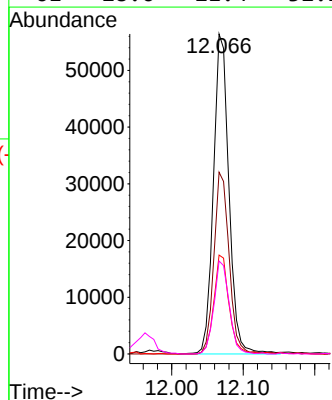
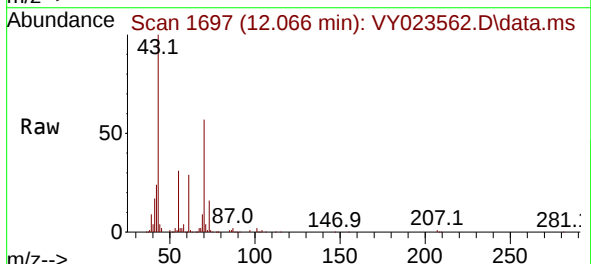
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

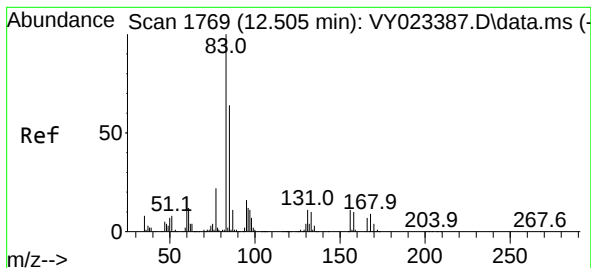
Tgt Ion:105 Resp: 517060
Ion Ratio Lower Upper
105 100
120 28.1 13.9 41.7



#74
N-ethyl acetate
Concen: 19.917 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 43 Resp: 85040
Ion Ratio Lower Upper
43 100
70 56.0 41.1 61.7
55 30.2 23.0 34.6
61 28.6 21.4 32.2

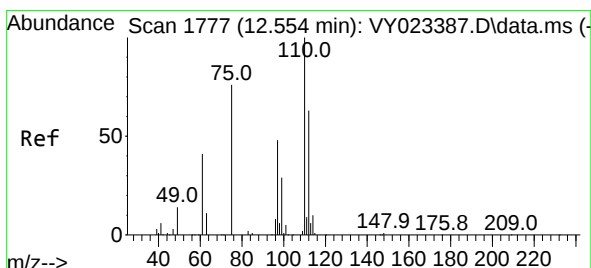
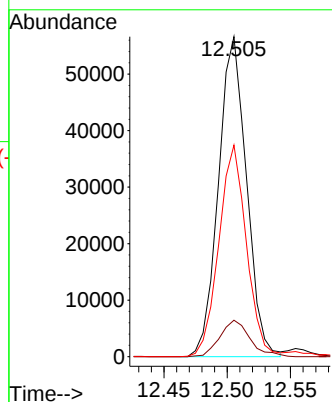
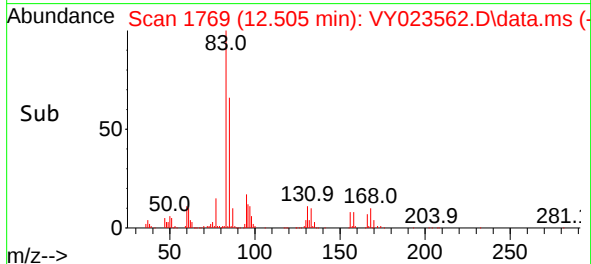
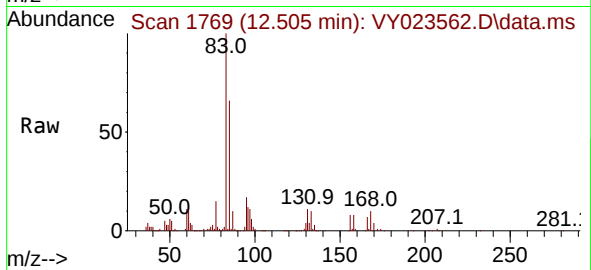




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.446 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY023562.D
 Acq: 24 Oct 2025 10:14

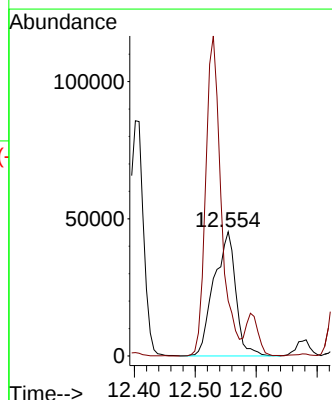
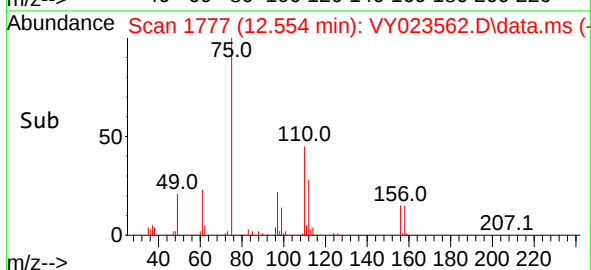
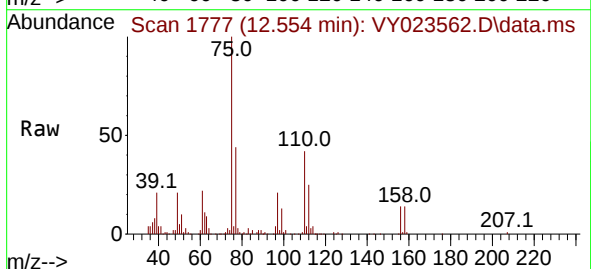
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBS01

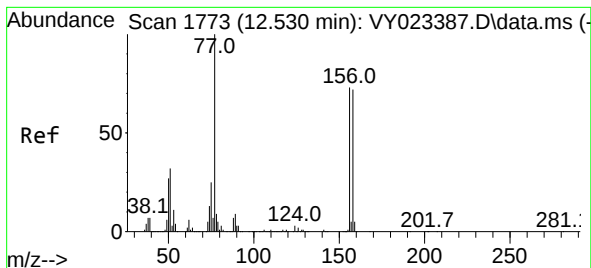
Tgt Ion: 83 Resp: 87273
 Ion Ratio Lower Upper
 83 100
 131 12.2 5.9 17.6
 85 66.5 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 35.444 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY023562.D
 Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 112801
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.023 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBSD01

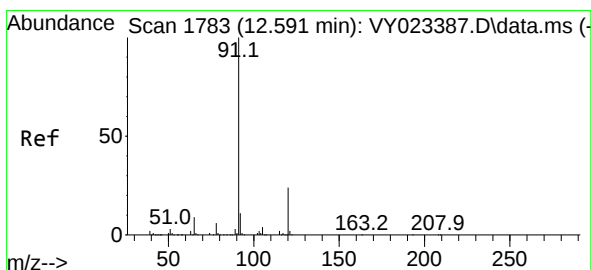
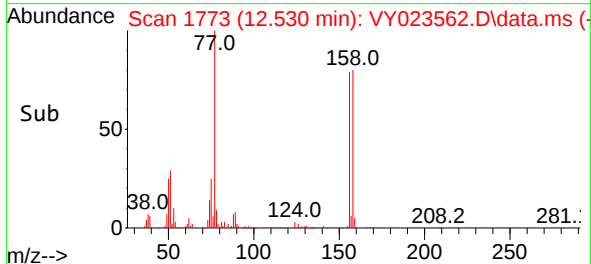
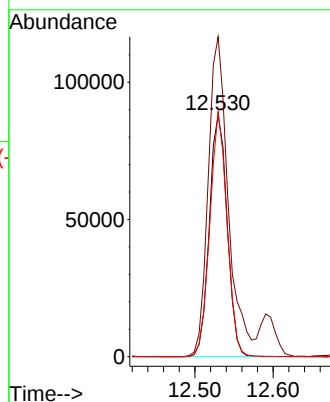
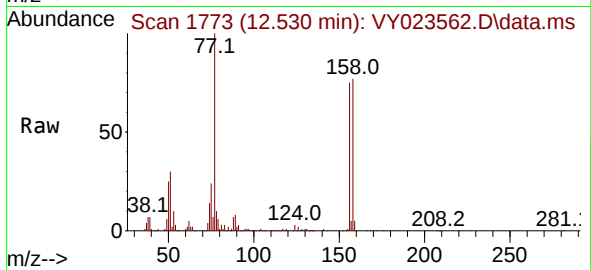
Tgt Ion:156 Resp: 139180

Ion Ratio Lower Upper

156 100

77 148.1 76.8 230.5

158 97.6 49.0 147.2



#78

n-propylbenzene

Concen: 21.905 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023562.D

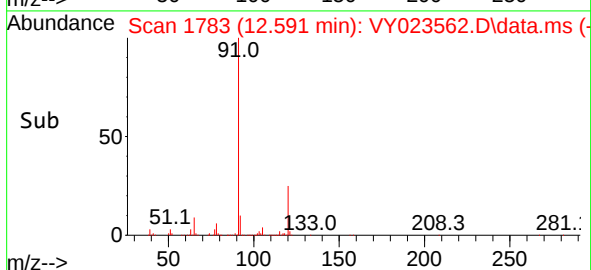
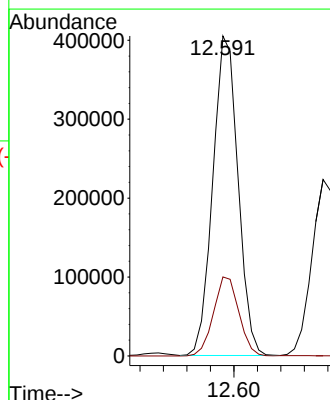
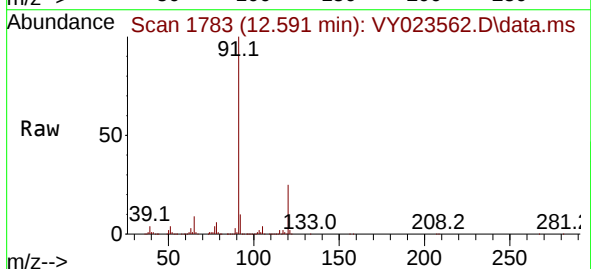
Acq: 24 Oct 2025 10:14

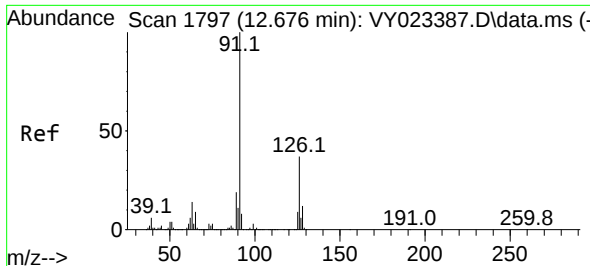
Tgt Ion: 91 Resp: 602594

Ion Ratio Lower Upper

91 100

120 25.0 12.3 36.8

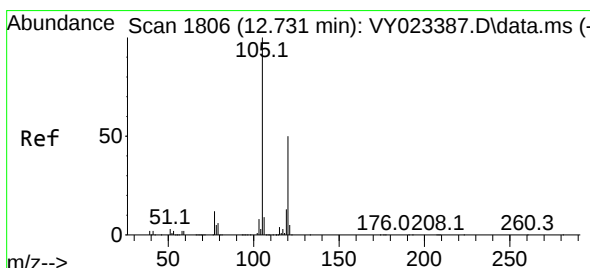
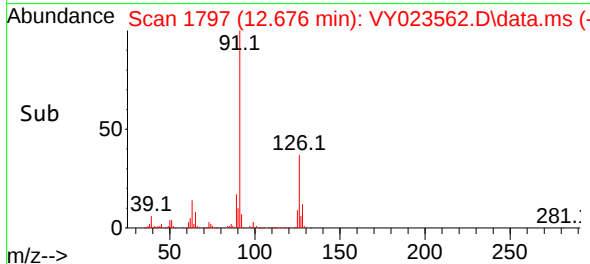
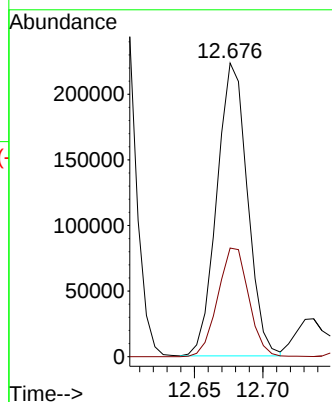
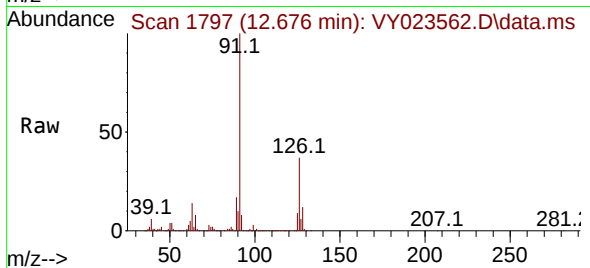




#79
2-Chlorotoluene
Concen: 21.582 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

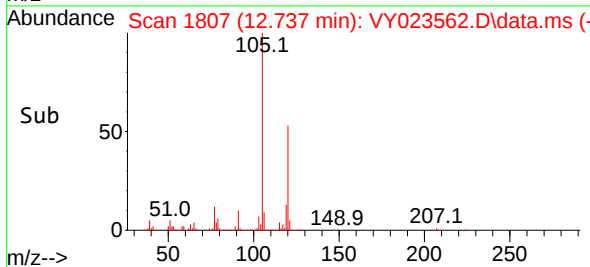
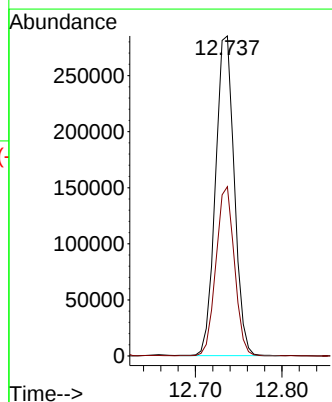
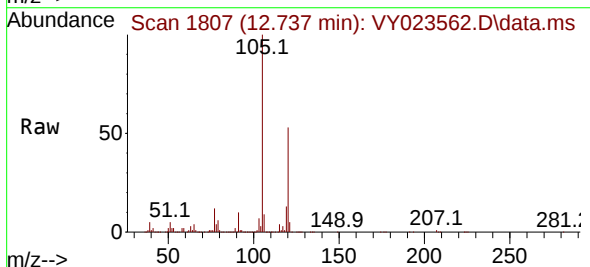
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

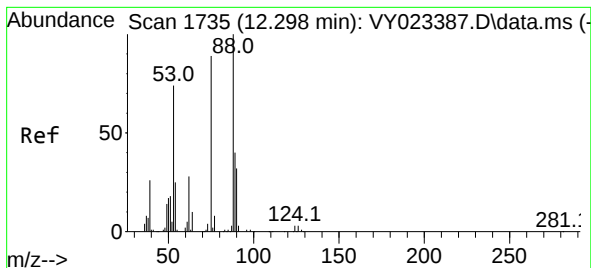
Tgt Ion: 91 Resp: 347665
Ion Ratio Lower Upper
91 100
126 37.5 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 22.344 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 105 Resp: 429209
Ion Ratio Lower Upper
105 100
120 51.9 25.4 76.4

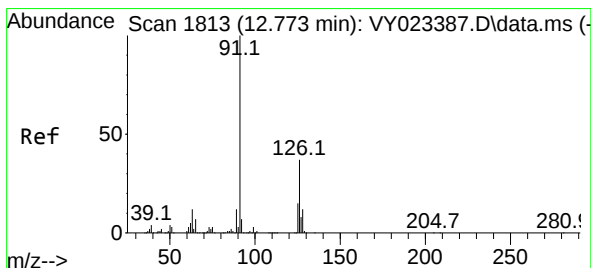
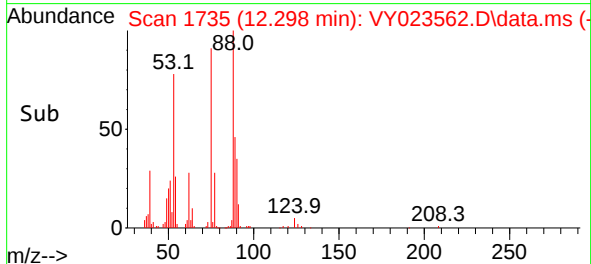
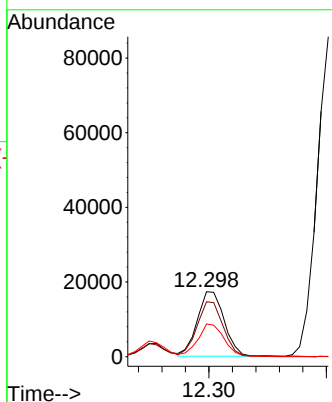
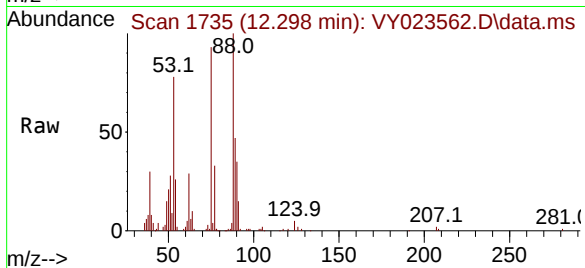




#81
trans-1,4-Dichloro-2-butene
Concen: 21.169 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

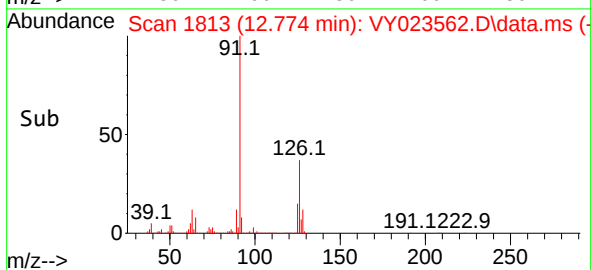
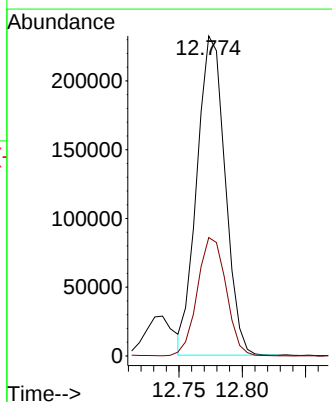
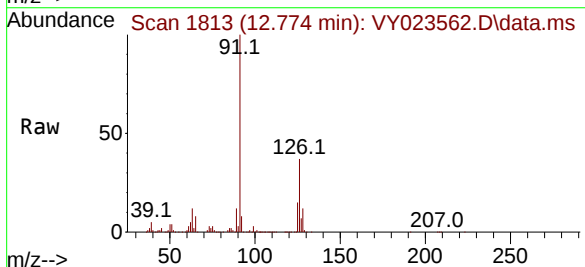
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

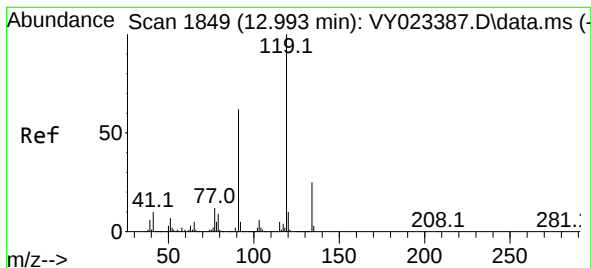
Tgt Ion: 75 Resp: 27474
Ion Ratio Lower Upper
75 100
53 82.2 68.6 102.8
89 49.7 39.0 58.4



#82
4-Chlorotoluene
Concen: 21.703 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion: 91 Resp: 360070
Ion Ratio Lower Upper
91 100
126 37.9 18.4 55.4

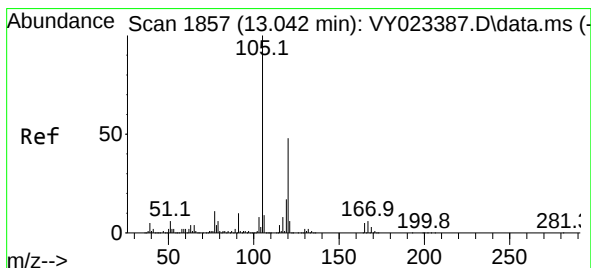
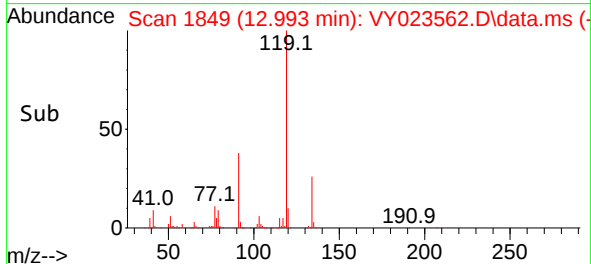
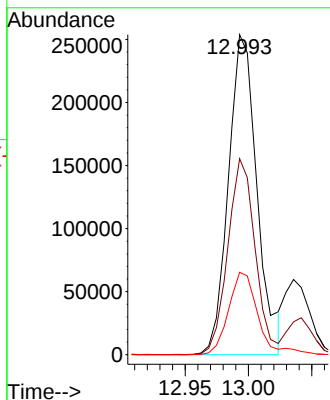
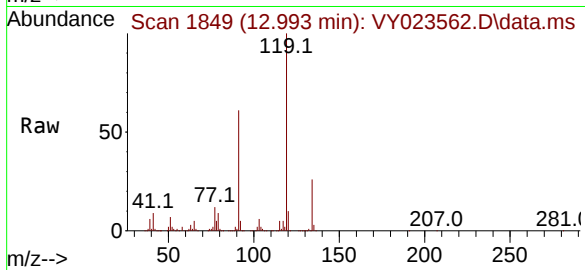




#83
tert-Butylbenzene
Concen: 22.492 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

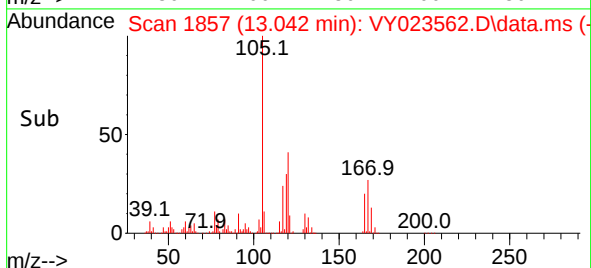
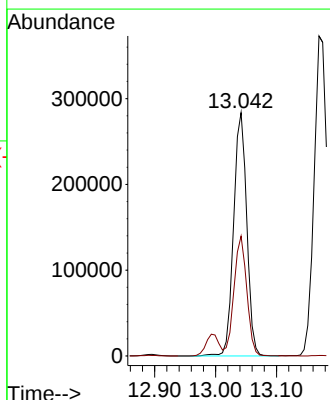
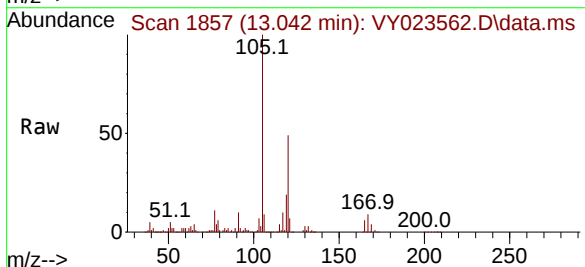
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

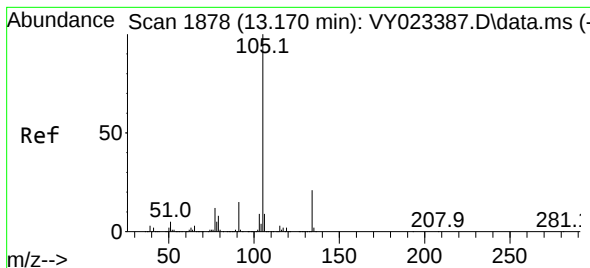
Tgt Ion:119 Resp: 398925
Ion Ratio Lower Upper
119 100
91 58.5 29.9 89.8
134 26.5 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 22.163 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:105 Resp: 424880
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.2





#85

sec-Butylbenzene

Concen: 22.184 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

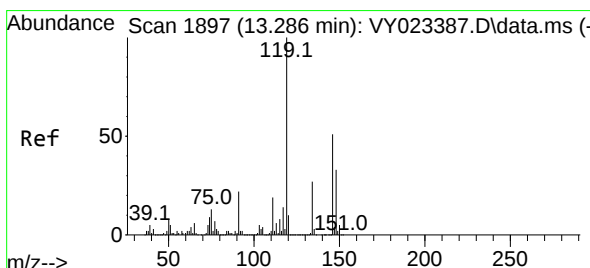
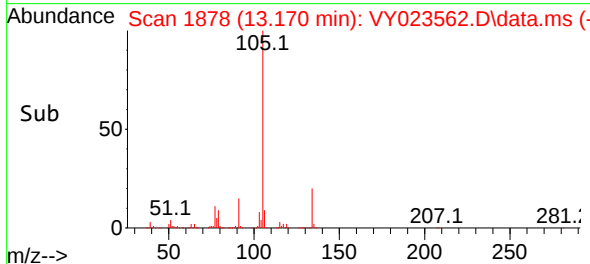
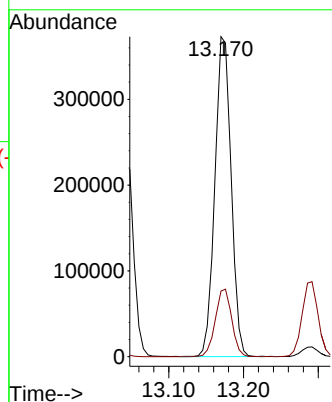
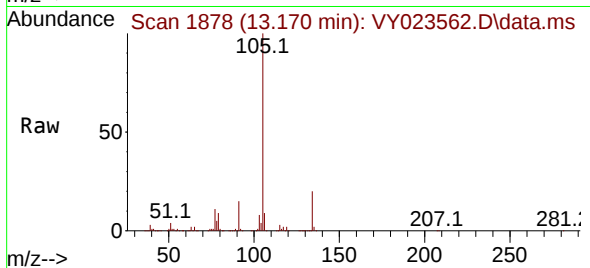
VY1024SBSD01

Tgt Ion:105 Resp: 564414

Ion Ratio Lower Upper

105 100

134 21.3 10.7 32.1



#86

p-Isopropyltoluene

Concen: 22.265 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

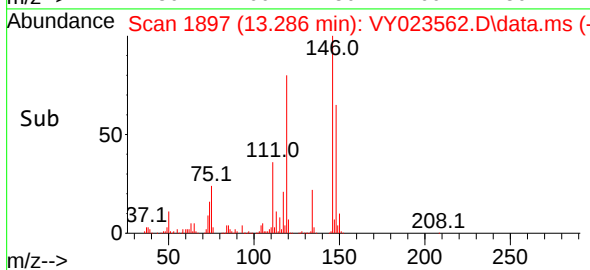
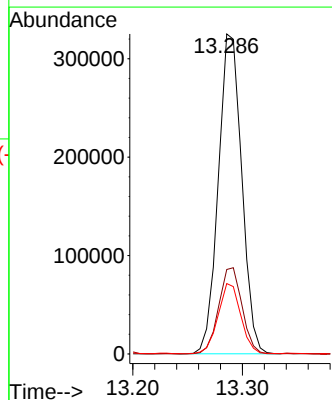
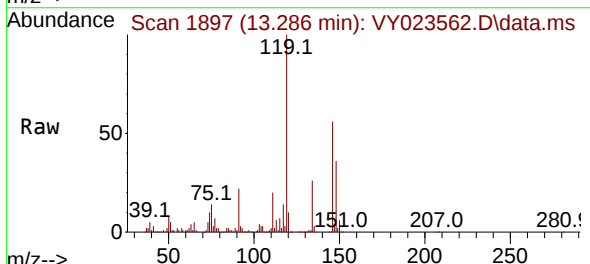
Tgt Ion:119 Resp: 482314

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

91 21.3 10.9 32.9

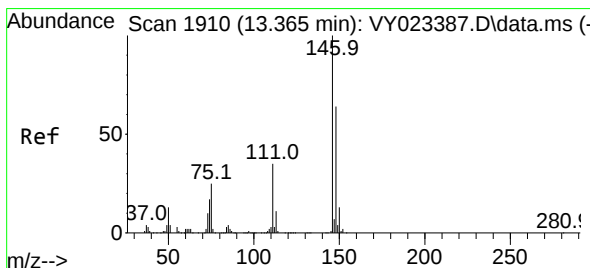
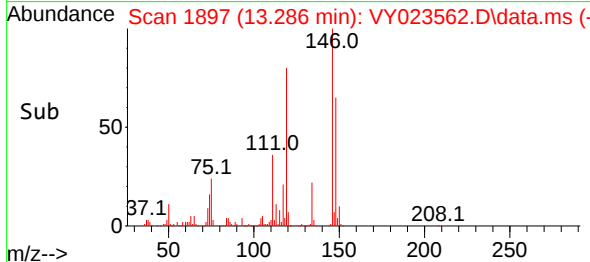
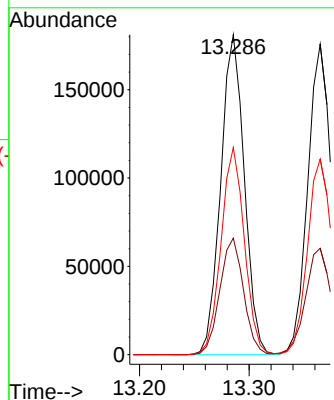
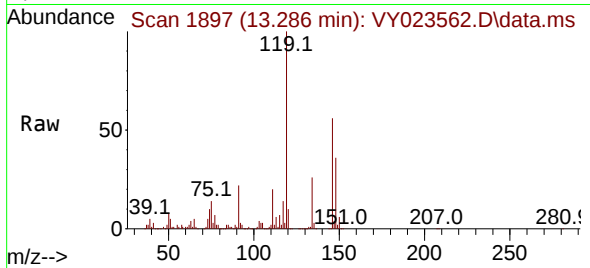




#87
1,3-Dichlorobenzene
Concen: 22.046 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

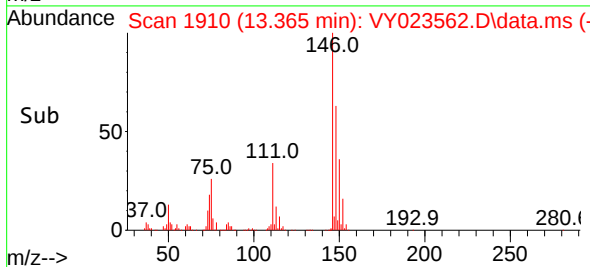
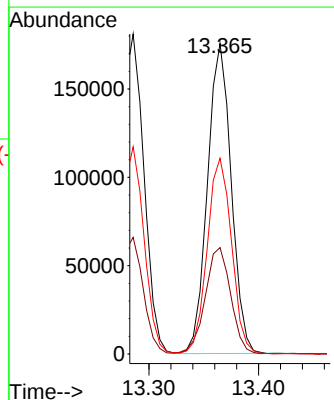
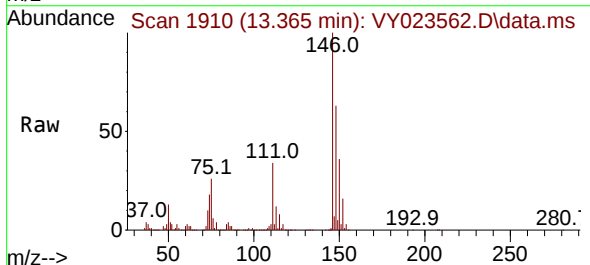
Instrument :
MSVOA_Y
ClientSampleId :
VY1024SBSD01

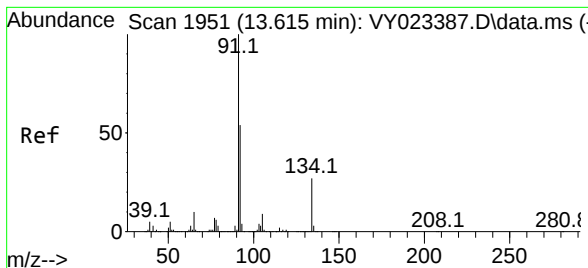
Tgt Ion:146 Resp: 271316
Ion Ratio Lower Upper
146 100
111 36.6 18.7 56.1
148 64.0 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 21.761 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY023562.D
Acq: 24 Oct 2025 10:14

Tgt Ion:146 Resp: 264489
Ion Ratio Lower Upper
146 100
111 37.1 18.0 54.0
148 64.6 31.9 95.7





#89

n-Butylbenzene

Concen: 21.770 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

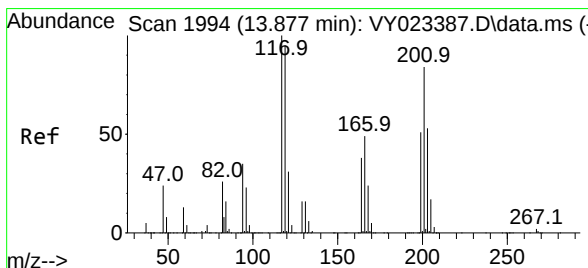
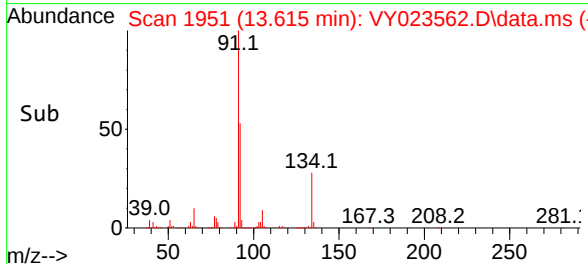
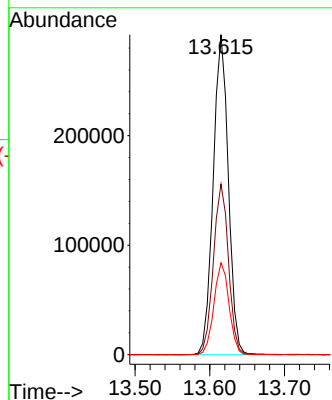
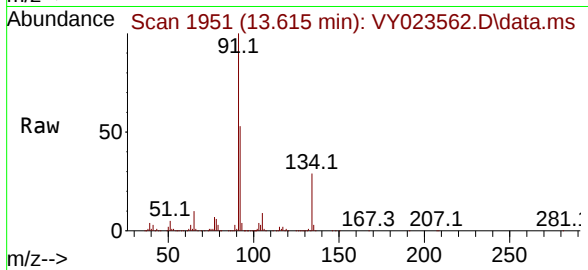
Tgt Ion: 91 Resp: 410914

Ion Ratio Lower Upper

91 100

92 53.2 27.0 80.8

134 28.7 14.1 42.2



#90

Hexachloroethane

Concen: 22.140 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY023562.D

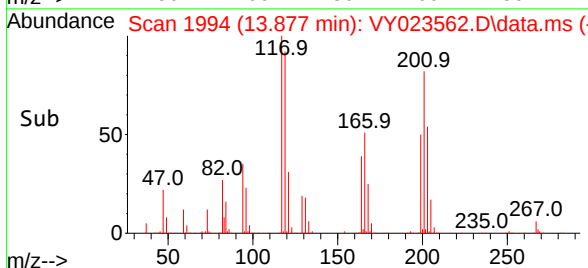
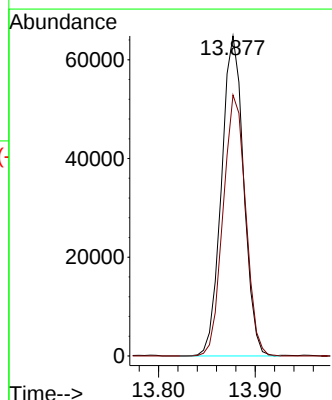
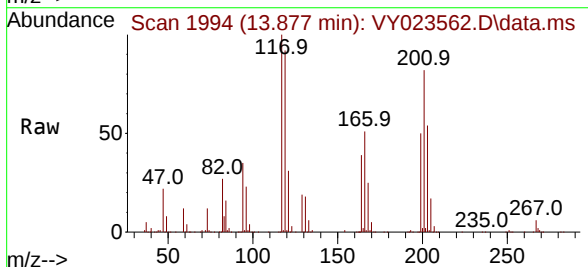
Acq: 24 Oct 2025 10:14

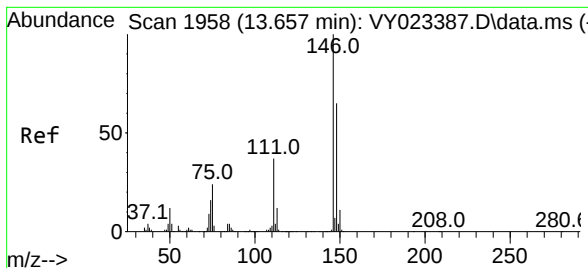
Tgt Ion: 117 Resp: 103152

Ion Ratio Lower Upper

117 100

201 82.6 43.8 131.4

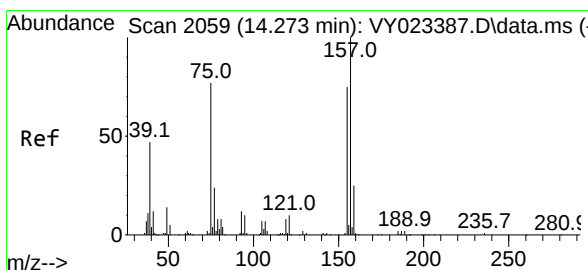
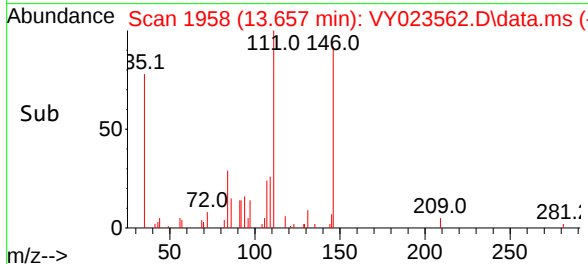
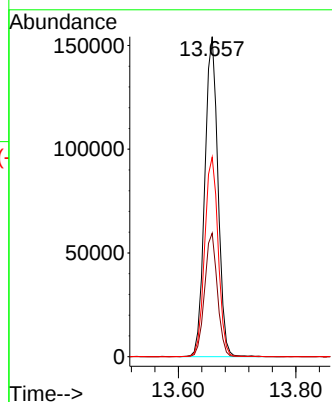
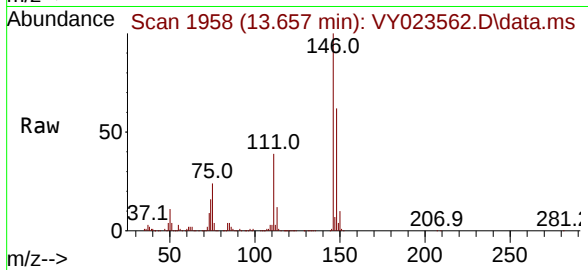




#91
 1,2-Dichlorobenzene
 Concen: 22.286 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023562.D
 Acq: 24 Oct 2025 10:14

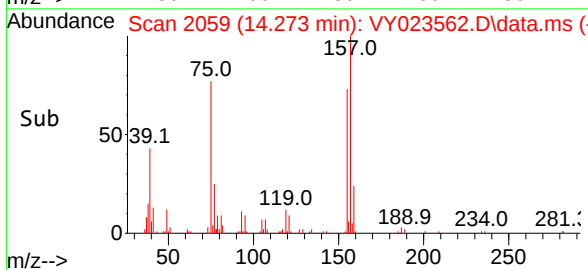
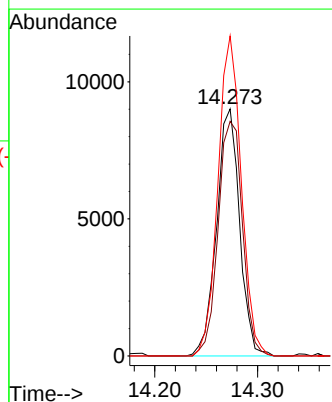
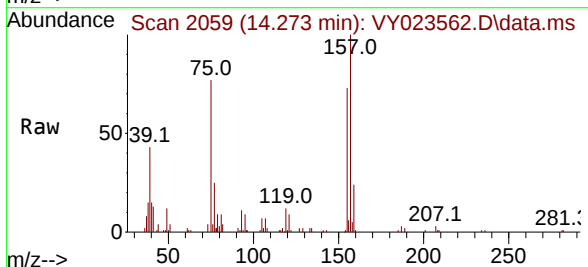
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1024SBSD01

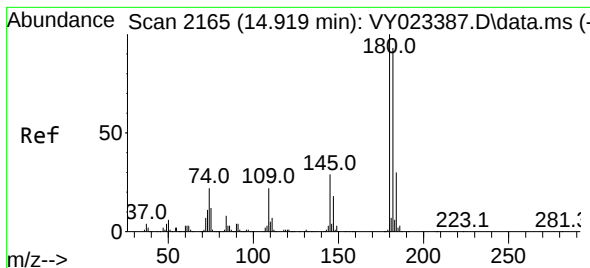
Tgt Ion:146 Resp: 240455
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.0 57.0
 148 63.8 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.989 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023562.D
 Acq: 24 Oct 2025 10:14

Tgt Ion: 75 Resp: 14028
 Ion Ratio Lower Upper
 75 100
 155 100.3 50.0 150.0
 157 130.8 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 21.918 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBS01

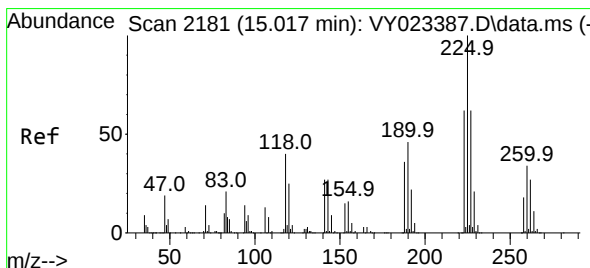
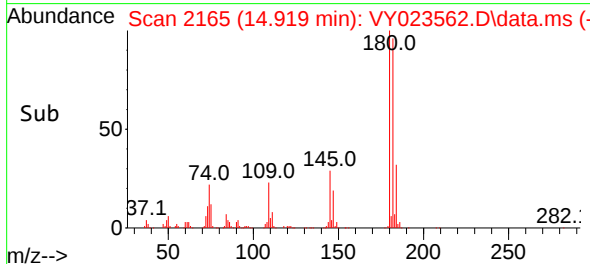
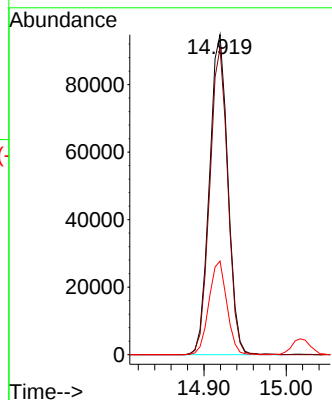
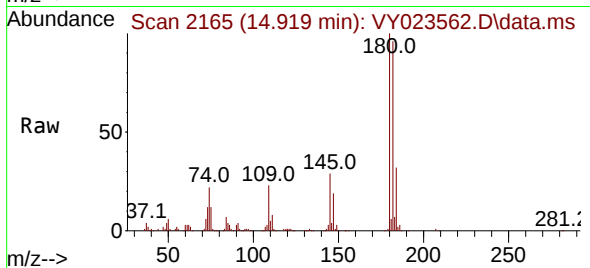
Tgt Ion:180 Resp: 147428

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.6

145 28.4 14.7 44.1



#94

Hexachlorobutadiene

Concen: 21.721 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

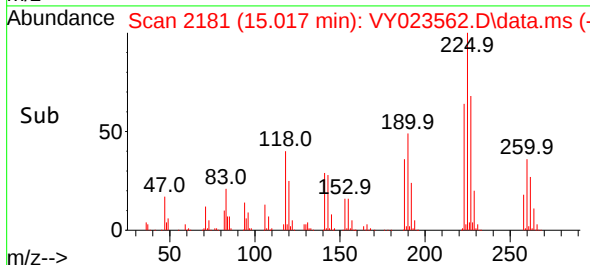
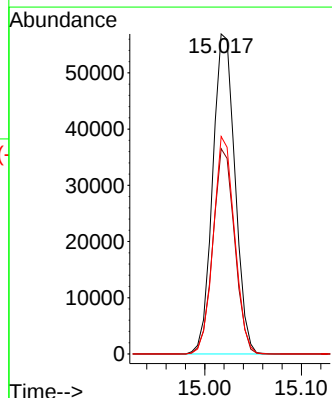
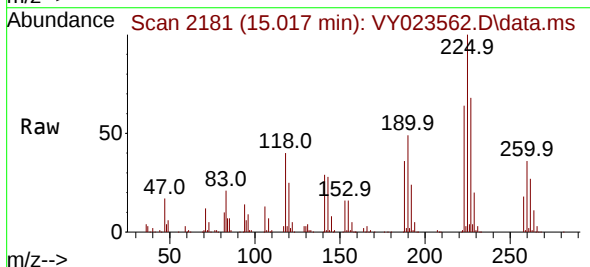
Tgt Ion:225 Resp: 91078

Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

227 64.8 31.9 95.7





#95

Naphthalene

Concen: 21.355 ug/l

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1024SBSD01

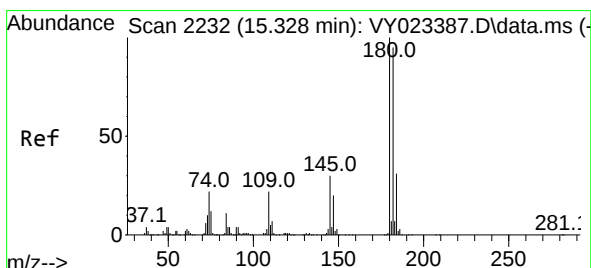
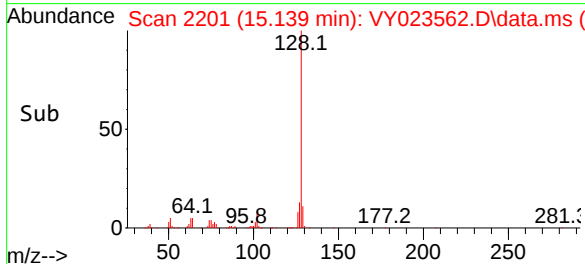
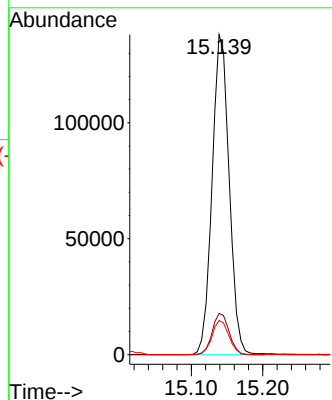
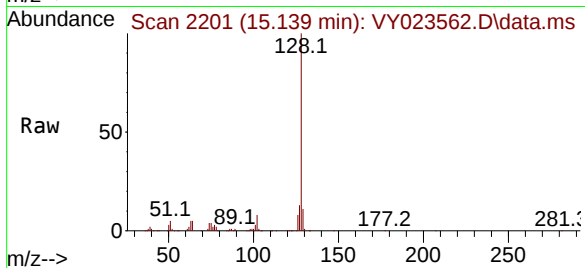
Tgt Ion:128 Resp: 228739

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.6 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.407 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023562.D

Acq: 24 Oct 2025 10:14

Tgt Ion:180 Resp: 124725

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.8

145 31.2 15.3 45.9

