

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100725\
 Data File : VY023388.D
 Acq On : 07 Oct 2025 12:09
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 08 04:44:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 04:39:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	595770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	855682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	764361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	400285	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	467005	90.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 181.020%#	
35) Dibromofluoromethane	7.634	113	511478	98.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 197.000%#	
50) Toluene-d8	10.103	98	1919872	98.031	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 196.060%#	
62) 4-Bromofluorobenzene	12.401	95	636435	103.007	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 206.020%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	368985	78.627	ug/l	96
3) Chloromethane	2.068	50	521606	78.195	ug/l	96
4) Vinyl Chloride	2.202	62	711235	84.438	ug/l	100
5) Bromomethane	2.586	94	574957	83.210	ug/l	99
6) Chloroethane	2.732	64	491625	85.968	ug/l	99
7) Trichlorofluoromethane	3.049	101	1012851	93.610	ug/l	99
8) Diethyl Ether	3.452	74	266779	94.266	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	511482	88.441	ug/l	100
10) Methyl Iodide	4.001	142	651575	97.495	ug/l	99
11) Tert butyl alcohol	4.866	59	172718	568.898	ug/l	99
12) 1,1-Dichloroethene	3.787	96	508059	91.303	ug/l	96
13) Acrolein	3.647	56	262636	510.573	ug/l	99
14) Allyl chloride	4.378	41	637073	91.446	ug/l	99
15) Acrylonitrile	5.055	53	522511	471.296	ug/l	100
16) Acetone	3.866	43	504700	435.004	ug/l	98
17) Carbon Disulfide	4.104	76	1442005	83.061	ug/l	99
18) Methyl Acetate	4.385	43	316911	107.474	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	1300206	99.797	ug/l	97
20) Methylene Chloride	4.610	84	552018	87.742	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	569334	91.999	ug/l	96
22) Diisopropyl ether	6.018	45	1423347	92.133	ug/l	97
23) Vinyl Acetate	5.957	43	3975052	468.098	ug/l	99
24) 1,1-Dichloroethane	5.915	63	911619	89.517	ug/l	99
25) 2-Butanone	6.890	43	685693	478.154	ug/l	99
26) 2,2-Dichloropropane	6.884	77	833452	92.108	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	670773	95.557	ug/l	98
28) Bromochloromethane	7.244	49	321657	81.418	ug/l	99
29) Tetrahydrofuran	7.262	42	415867	488.587	ug/l	99
30) Chloroform	7.421	83	1003722	91.401	ug/l	100
31) Cyclohexane	7.701	56	767083	85.293	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	910837	92.399	ug/l	100
36) 1,1-Dichloropropene	7.835	75	692477	94.516	ug/l	99
37) Ethyl Acetate	6.982	43	280560	96.859	ug/l	98
38) Carbon Tetrachloride	7.817	117	833170	97.894	ug/l	99
39) Methylcyclohexane	9.109	83	947664	101.024	ug/l	99
40) Benzene	8.079	78	2192645	96.000	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	152239	101.200	ug/l	98
42) 1,2-Dichloroethane	8.158	62	554810	95.449	ug/l	100
43) Isopropyl Acetate	8.195	43	573653	101.815	ug/l	99
44) Trichloroethene	8.866	130	636149	99.245	ug/l	100
45) 1,2-Dichloropropane	9.140	63	485084	94.381	ug/l	99
46) Dibromomethane	9.231	93	309964	98.596	ug/l	99
47) Bromodichloromethane	9.420	83	769238	97.210	ug/l	99
48) Methyl methacrylate	9.219	41	282582	107.476	ug/l	99
49) 1,4-Dioxane	9.225	88	77305	2374.722	ug/l	99
51) 4-Methyl-2-Pentanone	9.993	43	1539324	533.386	ug/l	100
52) Toluene	10.170	92	1462927	100.905	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	710475	104.537	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	822967	101.302	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	417623	99.875	ug/l	96
56) Ethyl methacrylate	10.438	69	549366	114.077	ug/l	99
57) 1,3-Dichloropropane	10.713	76	670961	99.140	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	1240361	588.731	ug/l	99
59) 2-Hexanone	10.755	43	1081568	541.284	ug/l	99
60) Dibromochloromethane	10.908	129	593878	104.133	ug/l	100
61) 1,2-Dibromoethane	11.011	107	406293	103.280	ug/l	99
64) Tetrachloroethene	10.646	164	767753	100.406	ug/l	99
65) Chlorobenzene	11.438	112	1655143	99.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	586878	100.470	ug/l	99
67) Ethyl Benzene	11.517	91	2788252	102.856	ug/l	98
68) m/p-Xylenes	11.627	106	2243033	206.437	ug/l	100
69) o-Xylene	11.950	106	1072335	106.611	ug/l	99
70) Styrene	11.969	104	1782757	107.344	ug/l	100
71) Bromoform	12.127	173	373208	106.727	ug/l #	100
73) Isopropylbenzene	12.249	105	2741698	102.825	ug/l	100
74) N-amyl acetate	12.066	43	532255	106.818	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	434720	97.735	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	594072	150.456	ug/l #	100
77) Bromobenzene	12.529	156	701741	102.545	ug/l	100
78) n-propylbenzene	12.590	91	3165894	100.958	ug/l	99
79) 2-Chlorotoluene	12.676	91	1800124	99.426	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	2219080	102.374	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	148302	101.273	ug/l	98
82) 4-Chlorotoluene	12.773	91	1854165	98.060	ug/l	99
83) tert-Butylbenzene	12.993	119	2028198	102.684	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	2227197	103.853	ug/l	100
85) sec-Butylbenzene	13.170	105	2932949	102.530	ug/l	100
86) p-Isopropyltoluene	13.285	119	2548220	105.408	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	1361716	100.735	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	1323618	98.734	ug/l	100
89) n-Butylbenzene	13.615	91	2223744	104.174	ug/l	99
90) Hexachloroethane	13.877	117	514746	98.069	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	1193043	101.146	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	70107	99.458	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	806328	116.031	ug/l	99
94) Hexachlorobutadiene	15.017	225	470072	108.557	ug/l	99
95) Naphthalene	15.139	128	1378291	124.485	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	693477	115.034	ug/l	100

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VSTDICC100

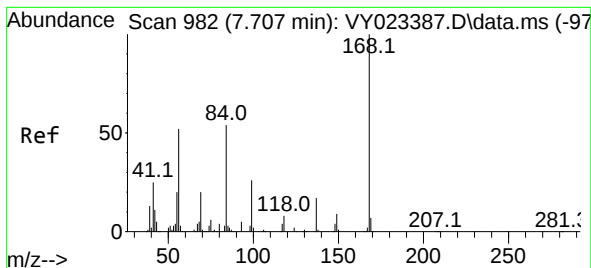
Quant Time: Oct 08 04:44:07 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

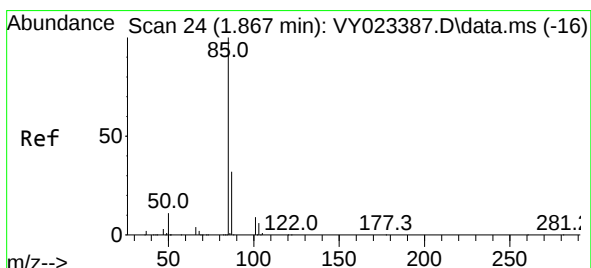
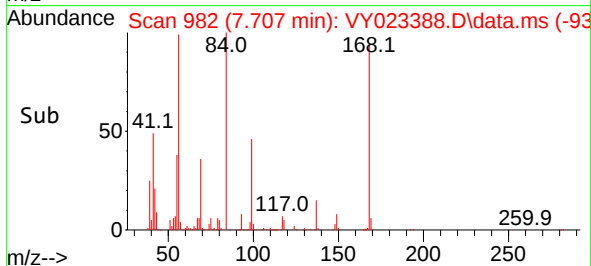
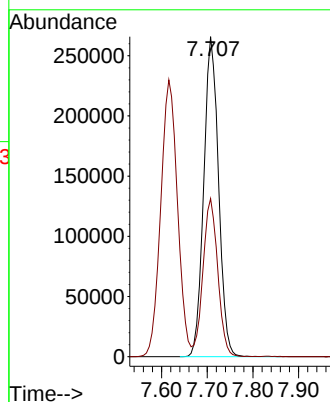
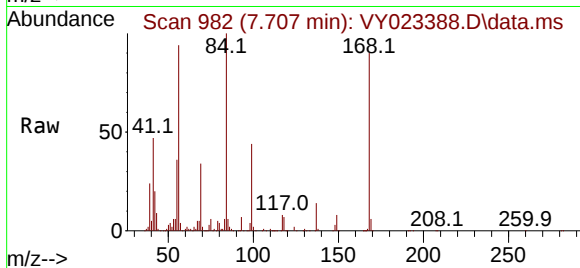
VSTDIC100

Tgt Ion:168 Resp: 595770

Ion Ratio Lower Upper

168 100

99 49.3 39.7 59.5



#2

Dichlorodifluoromethane

Concen: 78.627 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.000 min

Lab File: VY023388.D

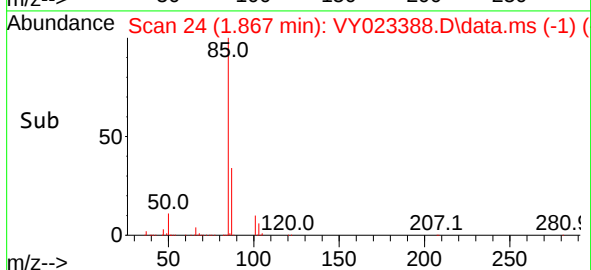
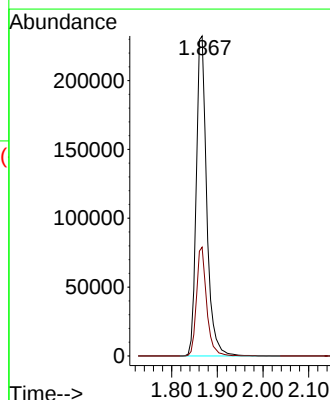
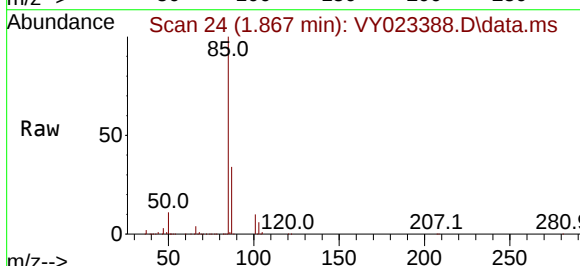
Acq: 07 Oct 2025 12:09

Tgt Ion: 85 Resp: 368985

Ion Ratio Lower Upper

85 100

87 34.0 16.0 47.9

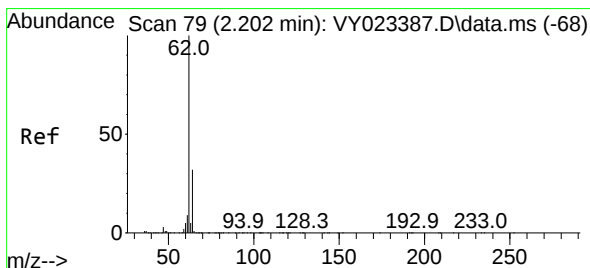
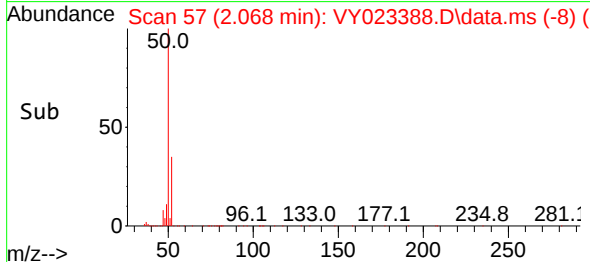
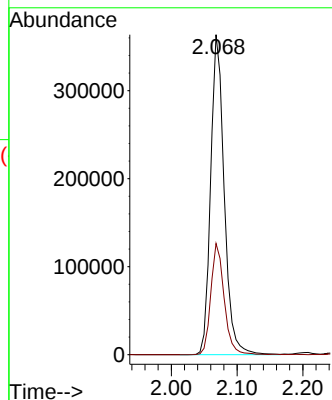
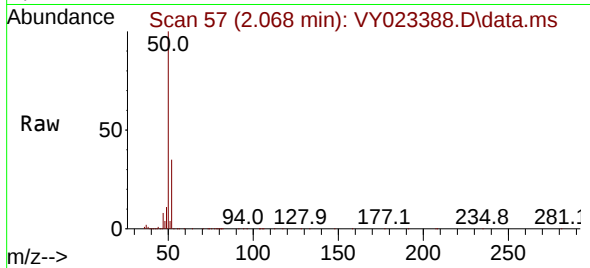




#3
Chloromethane
Concen: 78.195 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

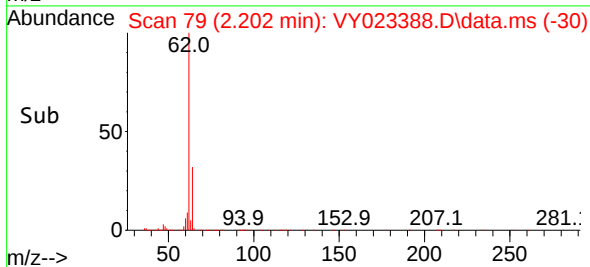
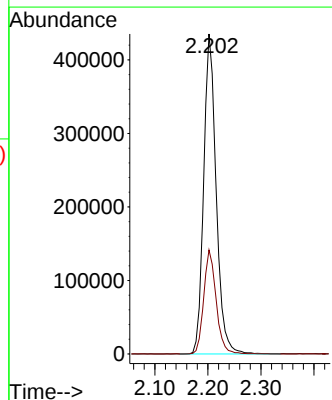
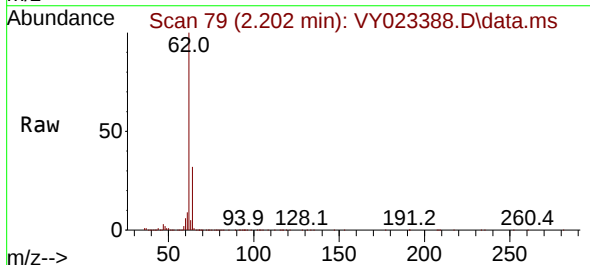
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

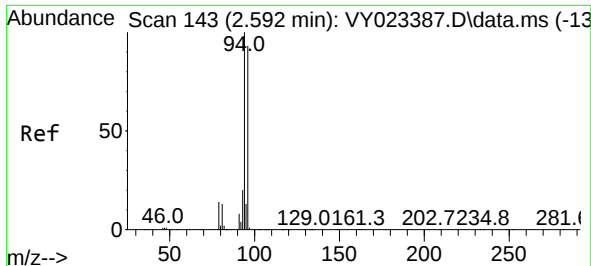
Tgt Ion: 50 Resp: 521606
Ion Ratio Lower Upper
50 100
52 34.7 26.2 39.2



#4
Vinyl Chloride
Concen: 84.438 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 62 Resp: 711235
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.8

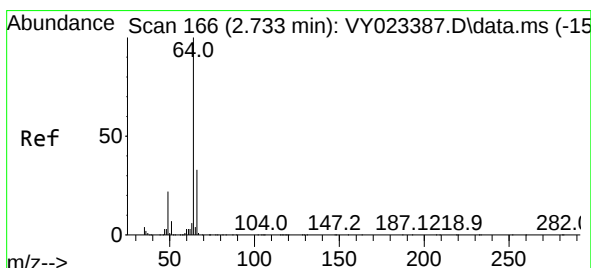
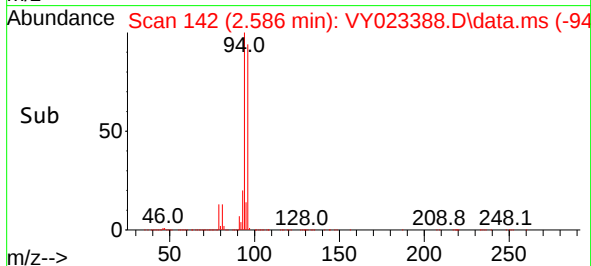
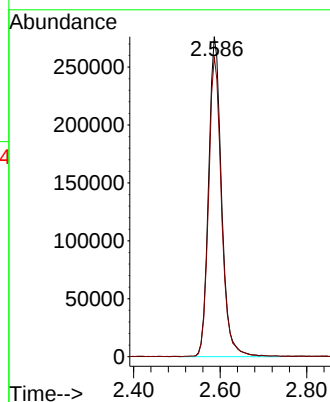
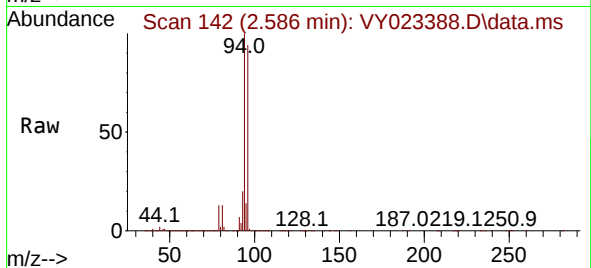




#5
Bromomethane
Concen: 83.210 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

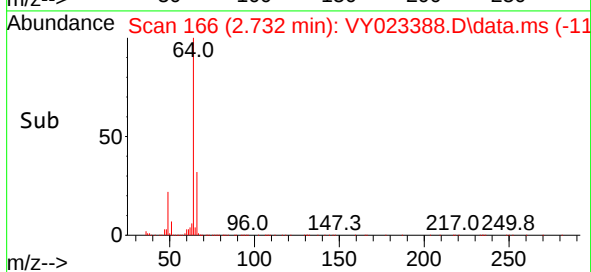
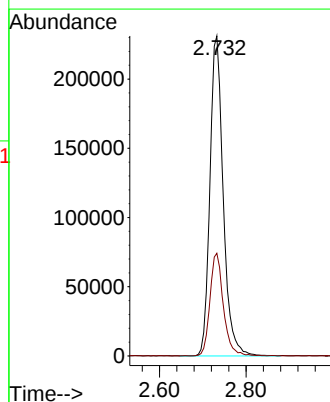
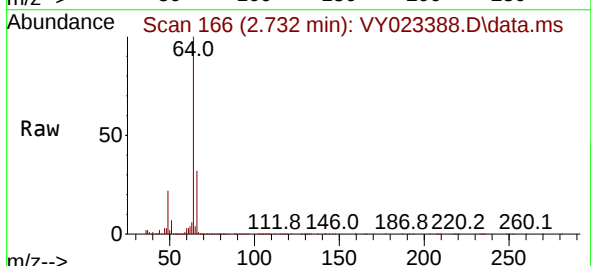
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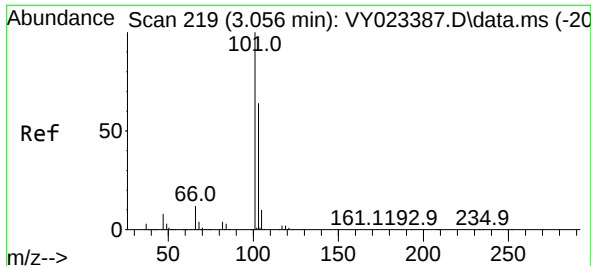
Tgt Ion: 94 Resp: 574957
Ion Ratio Lower Upper
94 100
96 93.7 74.5 111.7



#6
Chloroethane
Concen: 85.968 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 64 Resp: 491625
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4

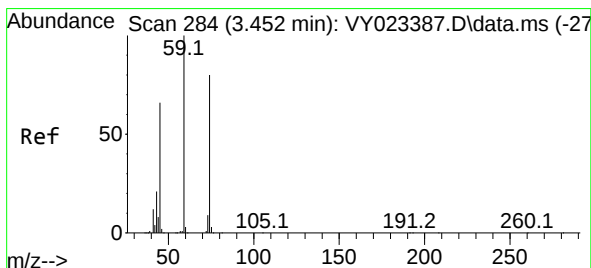
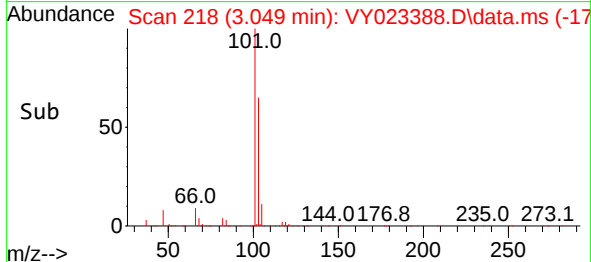
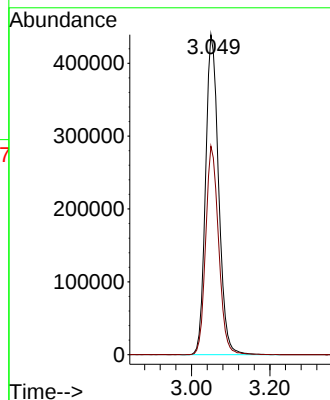
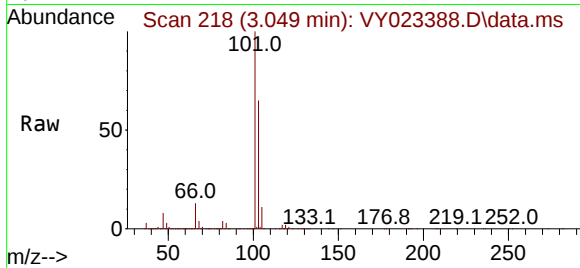




#7
Trichlorofluoromethane
Concen: 93.610 ug/l
RT: 3.049 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

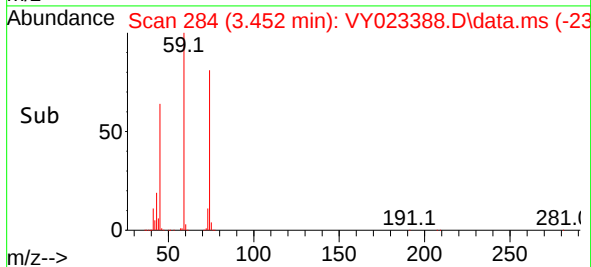
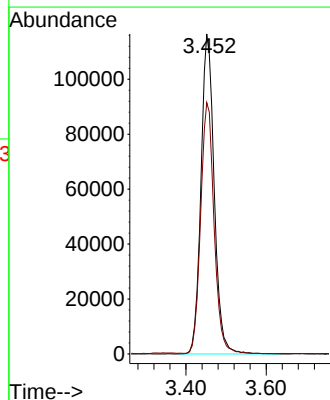
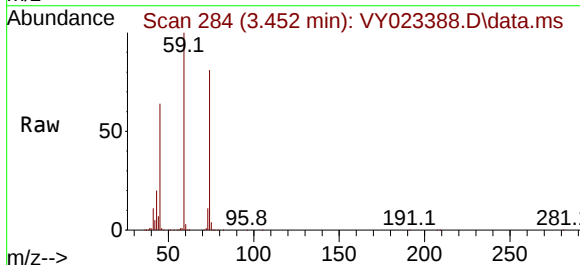
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 1012851
Ion Ratio Lower Upper
101 100
103 65.2 51.3 76.9



#8
Diethyl Ether
Concen: 94.266 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 74 Resp: 266779
Ion Ratio Lower Upper
74 100
45 79.9 39.9 119.7

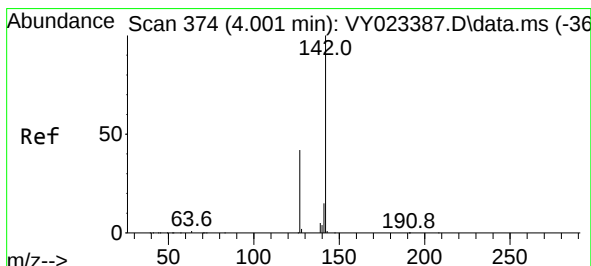
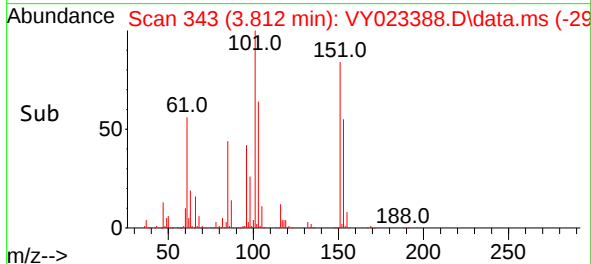
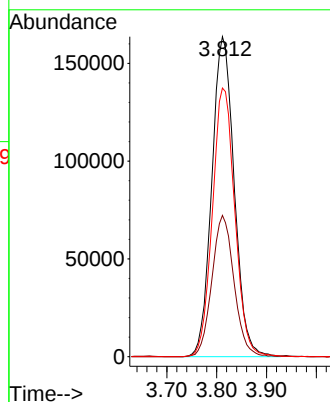
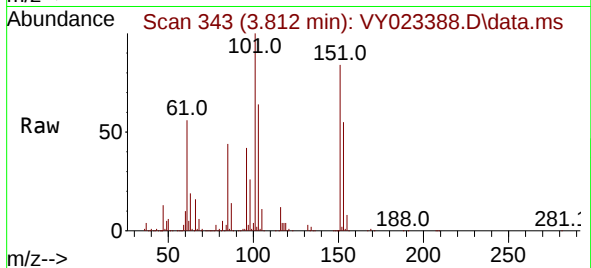




#9
1,1,2-Trichlorotrifluoroethane
Concen: 88.441 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY023388.D
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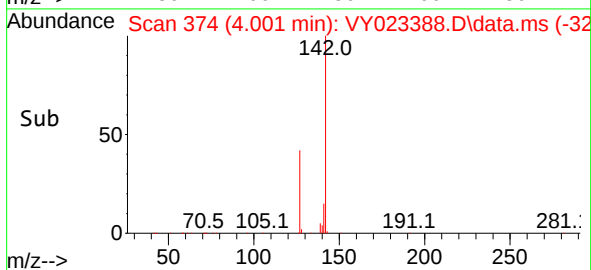
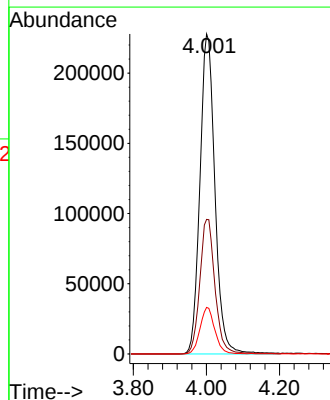
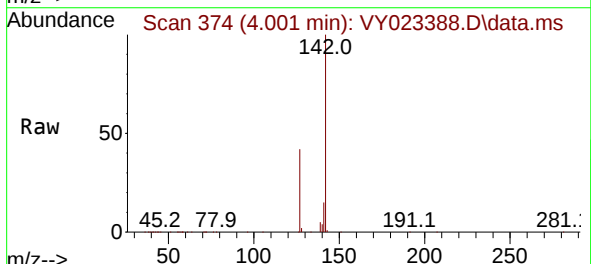
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 511482
Ion Ratio Lower Upper
101 100
85 43.6 34.6 51.8
151 84.1 67.0 100.6



#10
Methyl Iodide
Concen: 97.495 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:142 Resp: 651575
Ion Ratio Lower Upper
142 100
127 42.7 34.8 52.2
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 568.898 ug/l

RT: 4.866 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

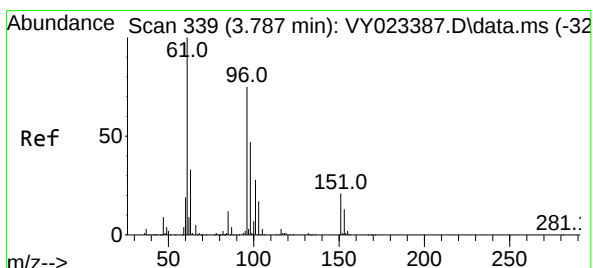
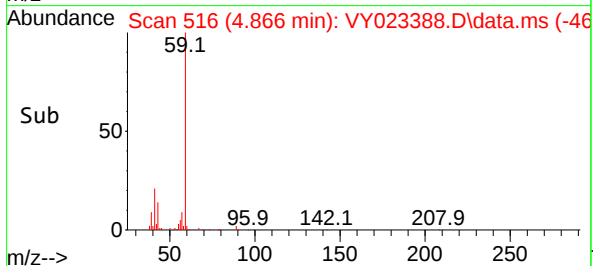
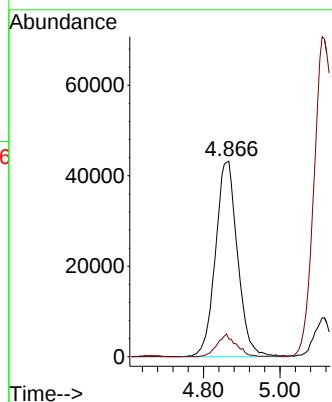
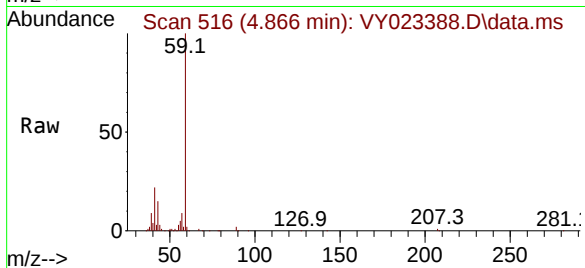
VSTDIC100

Tgt Ion: 59 Resp: 172718

Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



#12

1,1-Dichloroethene

Concen: 91.303 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

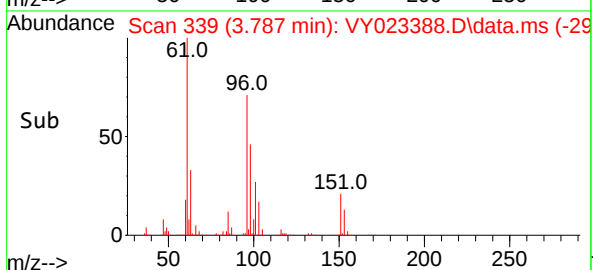
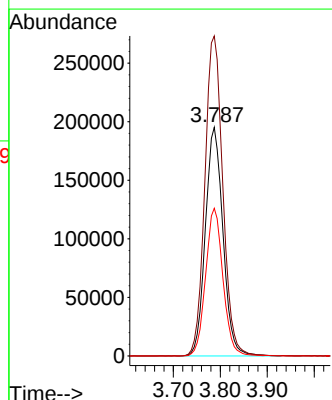
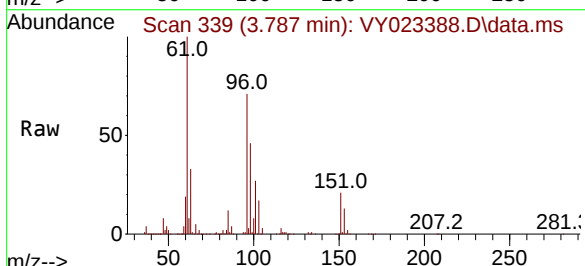
Tgt Ion: 96 Resp: 508059

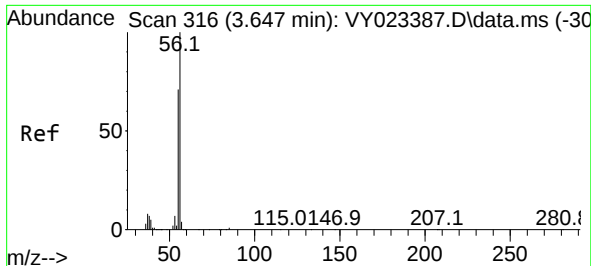
Ion Ratio Lower Upper

96 100

61 139.9 106.7 160.1

98 64.6 50.2 75.4

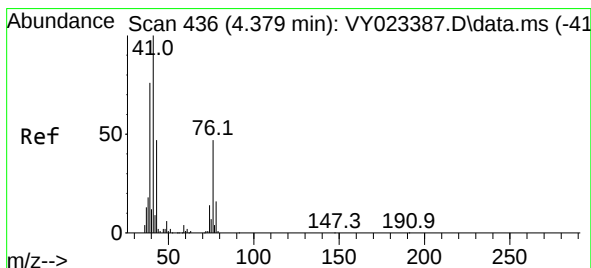
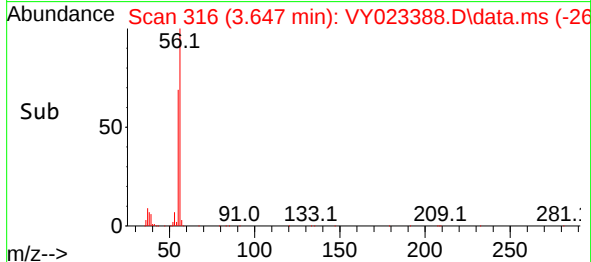
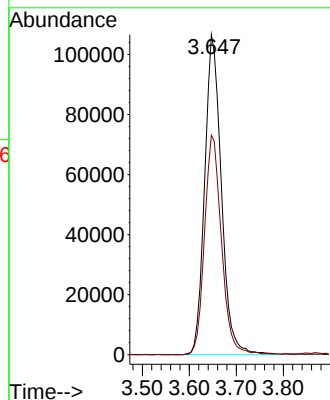
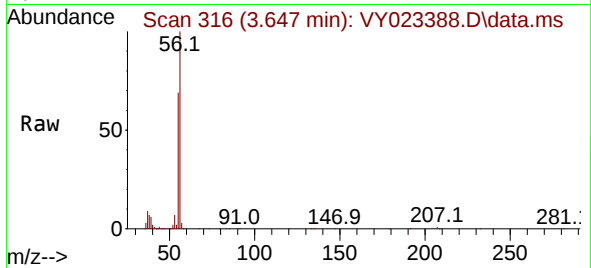




#13
Acrolein
Concen: 510.573 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

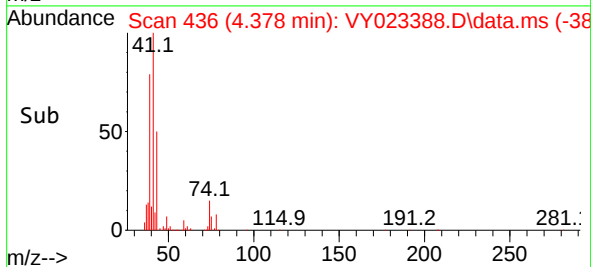
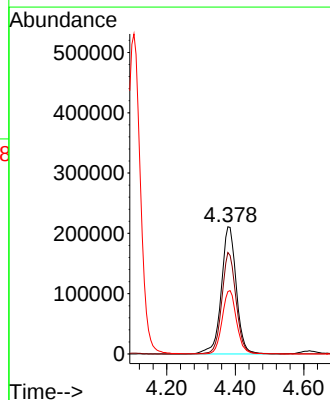
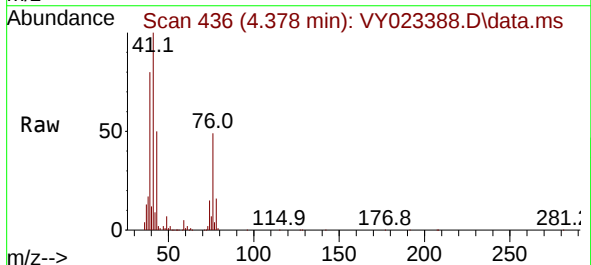
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 262636
Ion Ratio Lower Upper
56 100
55 69.6 56.1 84.1



#14
Allyl chloride
Concen: 91.446 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 41 Resp: 637073
Ion Ratio Lower Upper
41 100
39 75.8 59.9 89.9
76 47.5 38.0 57.0

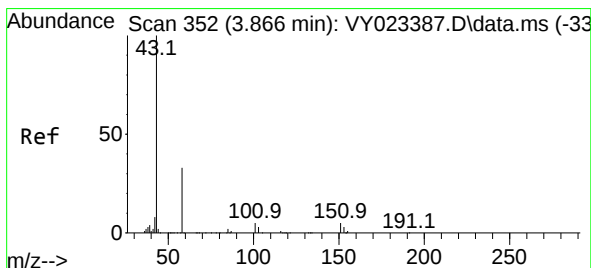
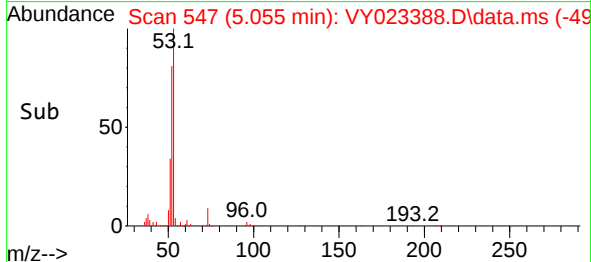
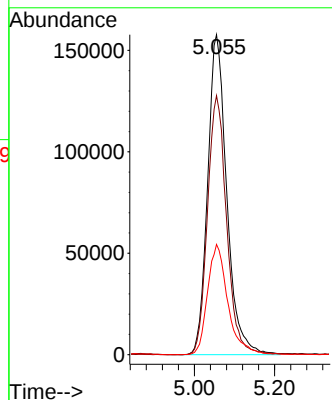
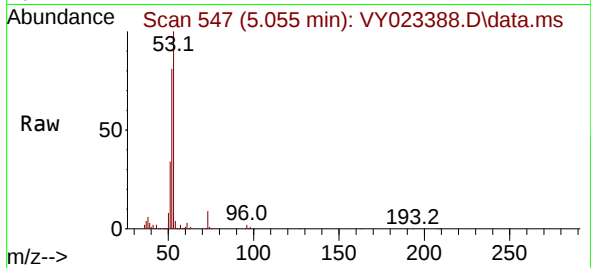




#15
Acrylonitrile
Concen: 471.296 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

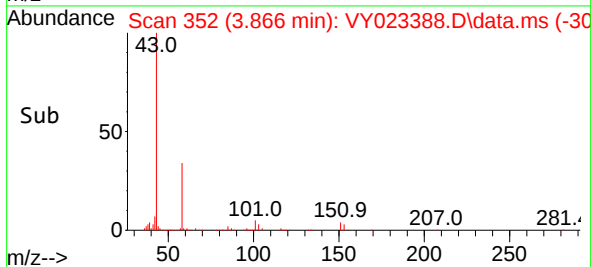
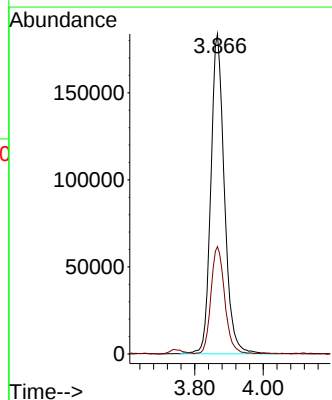
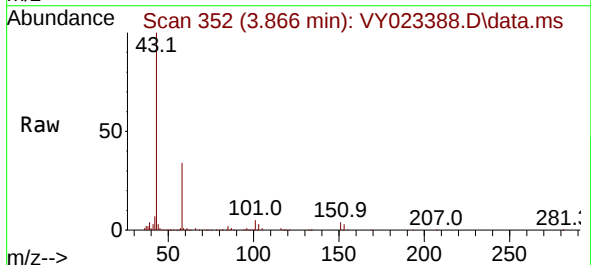
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

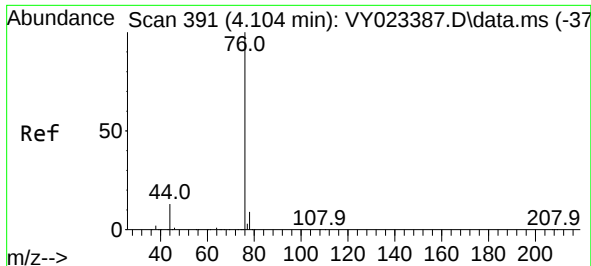
Tgt Ion: 53 Resp: 522511
Ion Ratio Lower Upper
53 100
52 81.2 64.6 97.0
51 36.7 29.5 44.3



#16
Acetone
Concen: 435.004 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 504700
Ion Ratio Lower Upper
43 100
58 33.5 27.7 41.5

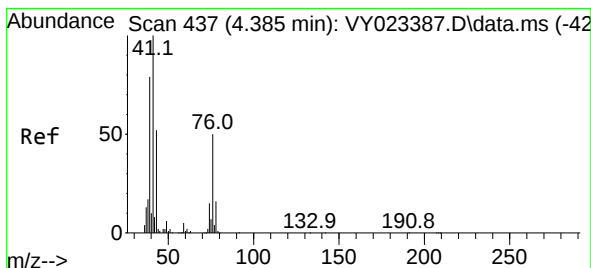
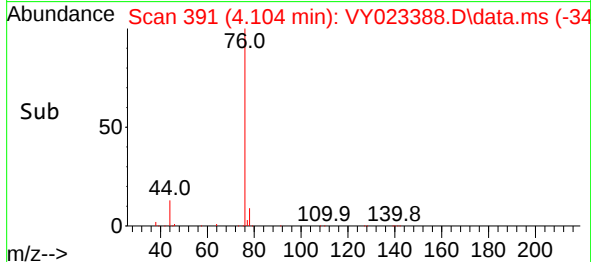
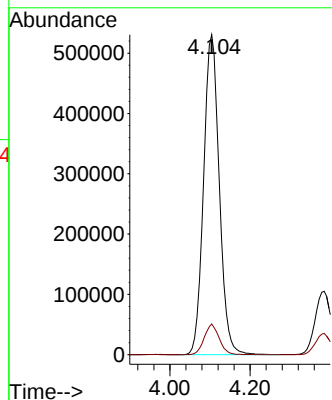
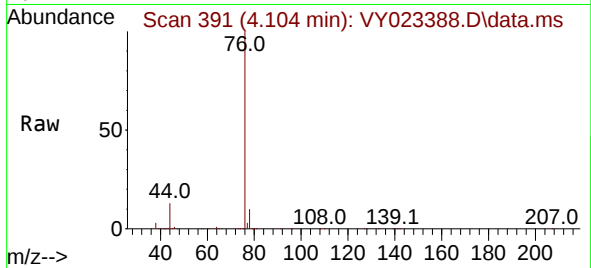




#17
Carbon Disulfide
Concen: 83.061 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

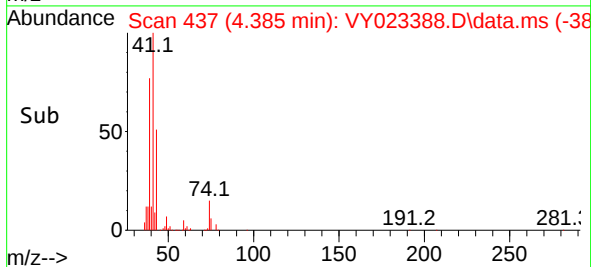
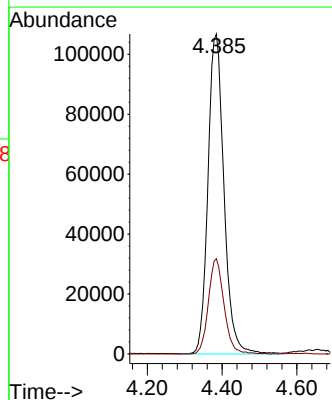
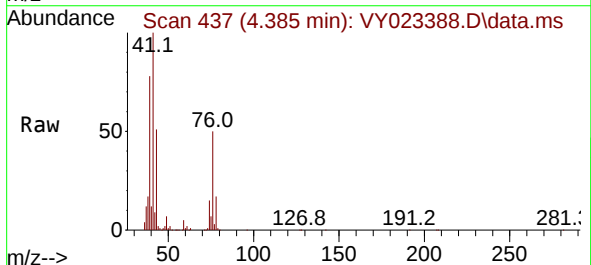
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 1442005
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 107.474 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 316911
Ion Ratio Lower Upper
43 100
74 29.1 24.2 36.4

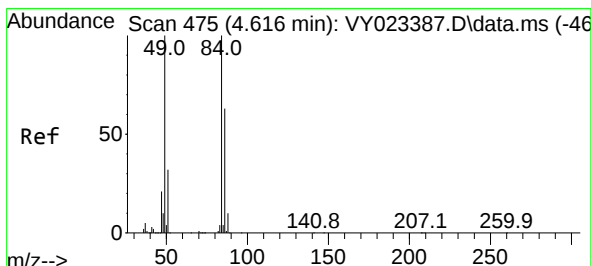
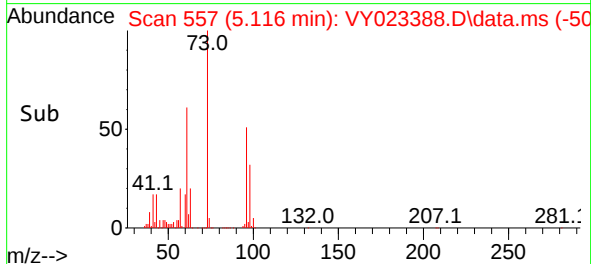
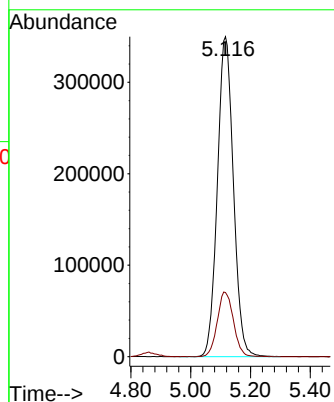
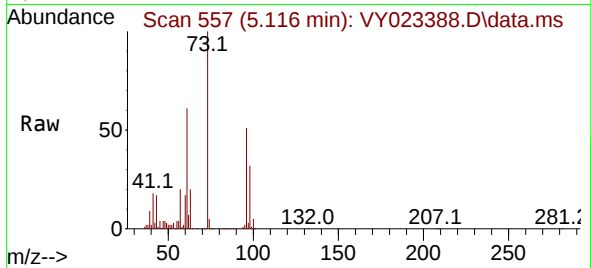




#19
Methyl tert-butyl Ether
Concen: 99.797 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

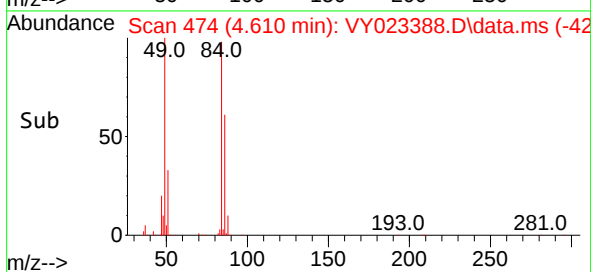
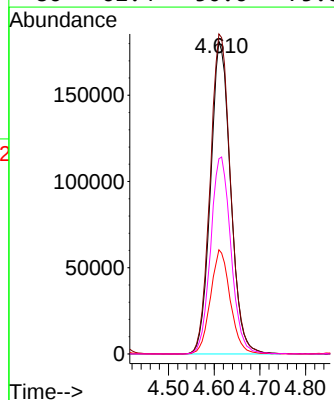
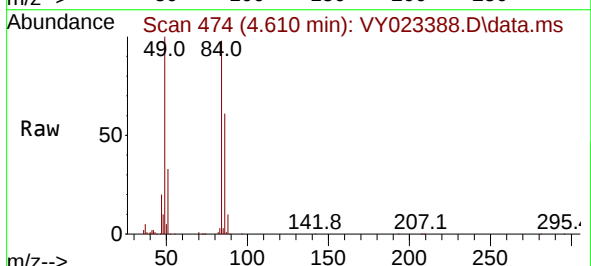
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

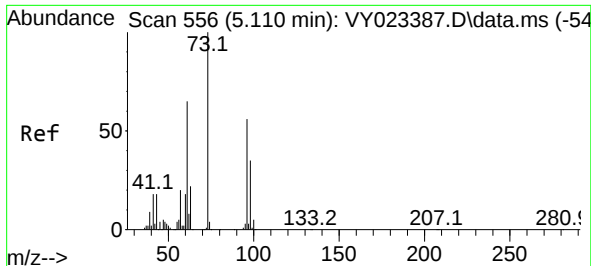
Tgt Ion: 73 Resp: 1300206
Ion Ratio Lower Upper
73 100
57 20.1 17.4 26.0



#20
Methylene Chloride
Concen: 87.742 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 84 Resp: 552018
Ion Ratio Lower Upper
84 100
49 102.4 80.2 120.4
51 33.3 25.9 38.9
86 62.4 50.6 75.8

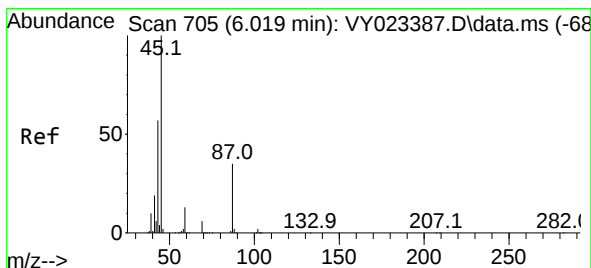
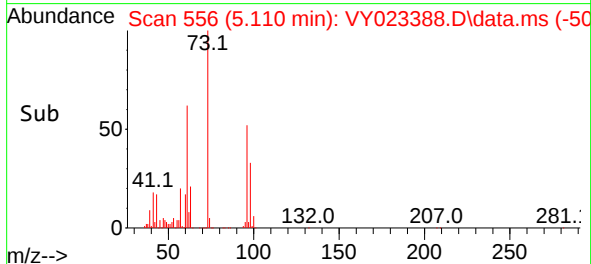
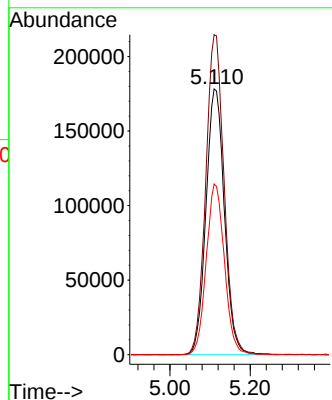
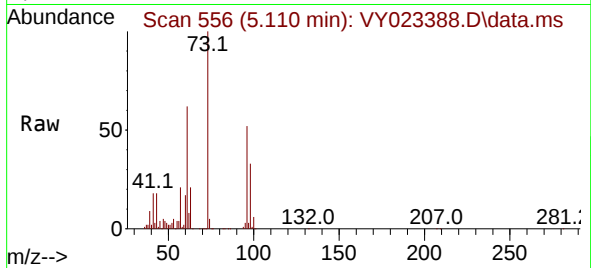




#21
trans-1,2-Dichloroethene
Concen: 91.999 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

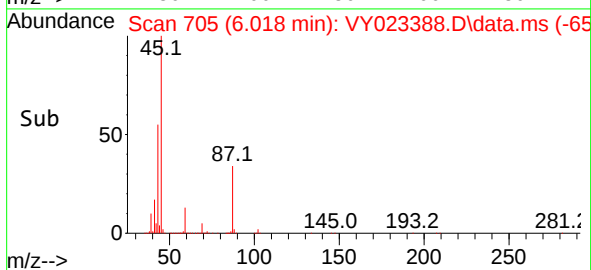
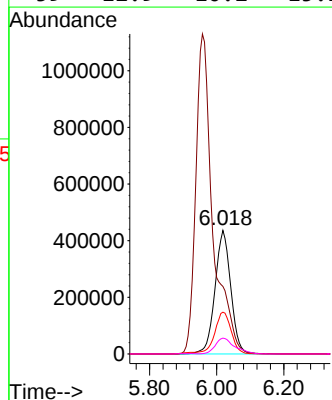
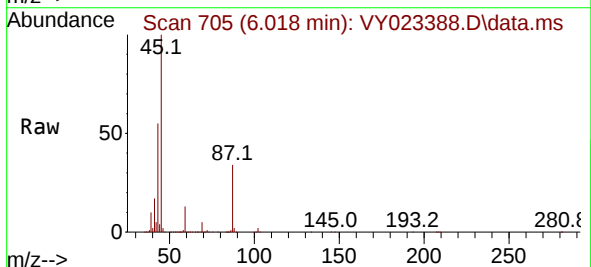
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

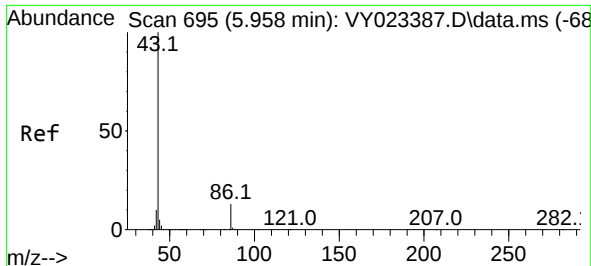
Tgt Ion: 96 Resp: 569334
Ion Ratio Lower Upper
96 100
61 120.4 92.7 139.1
98 64.2 49.7 74.5



#22
Diisopropyl ether
Concen: 92.133 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 45 Resp: 1423347
Ion Ratio Lower Upper
45 100
43 54.4 45.6 68.4
87 33.8 28.1 42.1
59 12.9 10.2 15.2

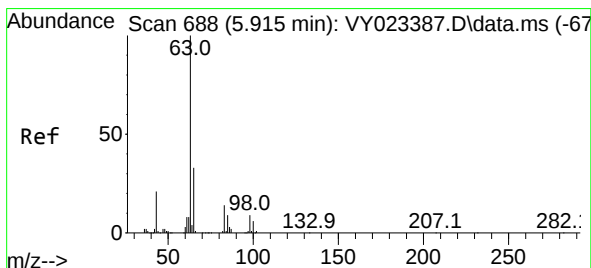
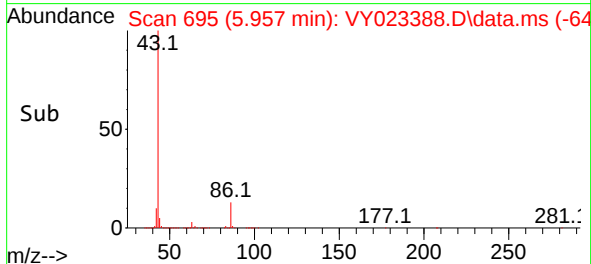
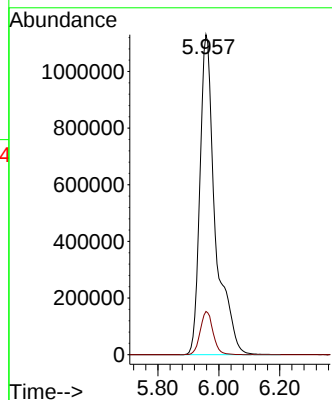
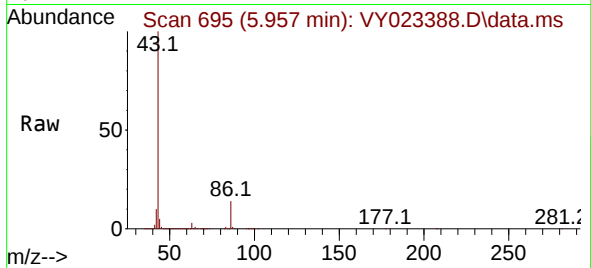




#23
 Vinyl Acetate
 Concen: 468.098 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY023388.D
 Acq: 07 Oct 2025 12:09

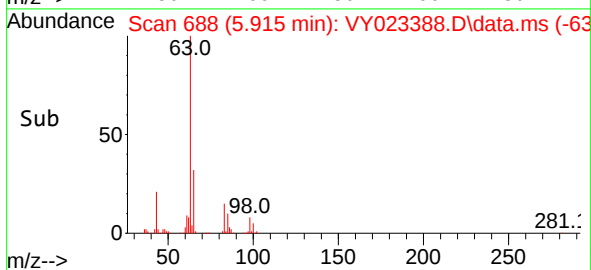
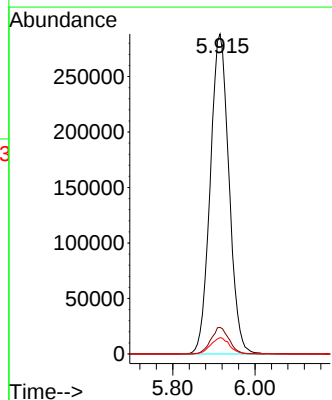
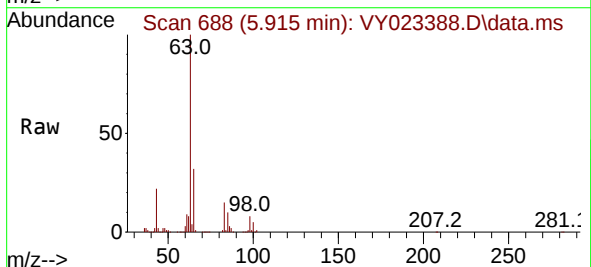
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

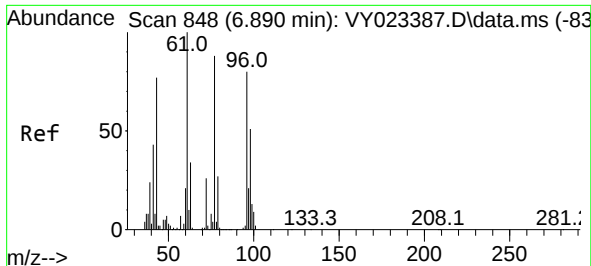
Tgt Ion: 43 Resp: 3975052
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 89.517 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023388.D
 Acq: 07 Oct 2025 12:09

Tgt Ion: 63 Resp: 911619
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.3 13.1
 100 5.1 2.8 8.4





#25

2-Butanone

Concen: 478.154 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

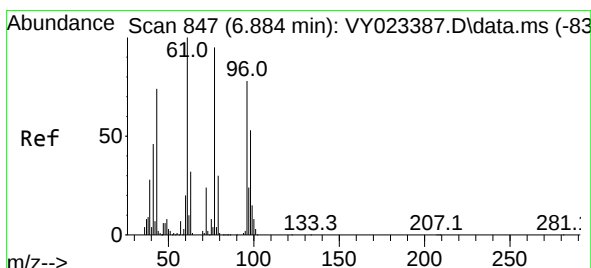
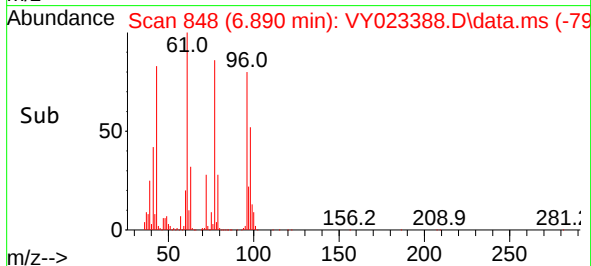
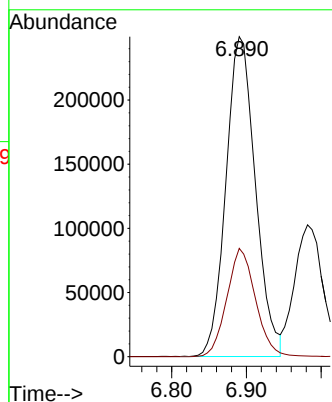
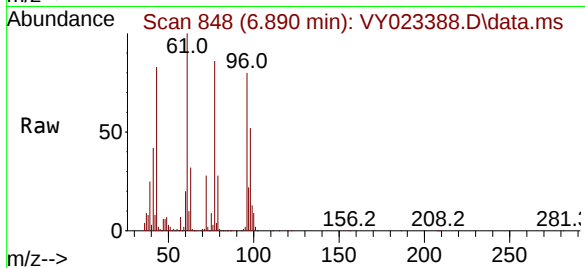
VSTDICC100

Tgt Ion: 43 Resp: 685693

Ion Ratio Lower Upper

43 100

72 33.9 27.4 41.2



#26

2,2-Dichloropropane

Concen: 92.108 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023388.D

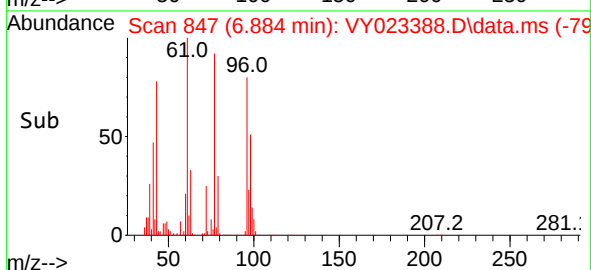
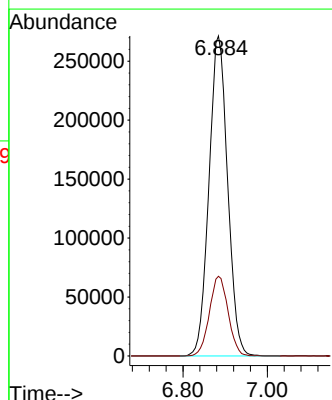
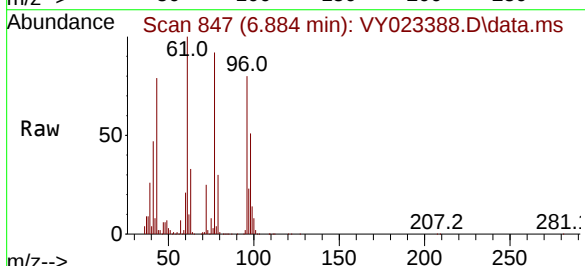
Acq: 07 Oct 2025 12:09

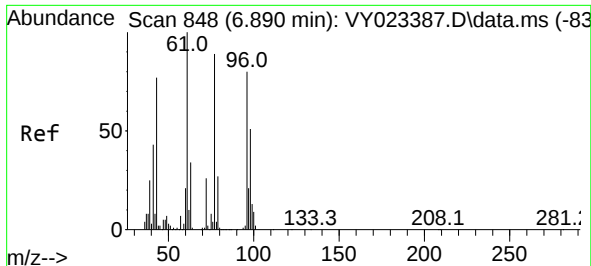
Tgt Ion: 77 Resp: 833452

Ion Ratio Lower Upper

77 100

97 25.0 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 95.557 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

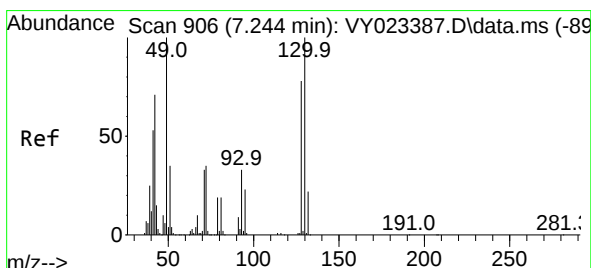
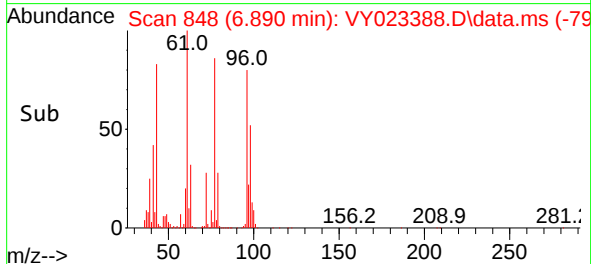
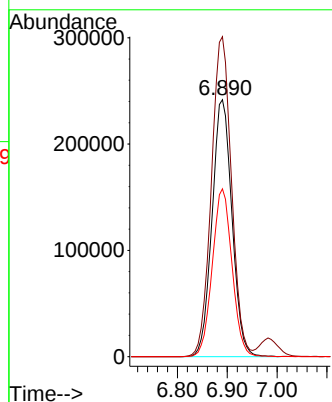
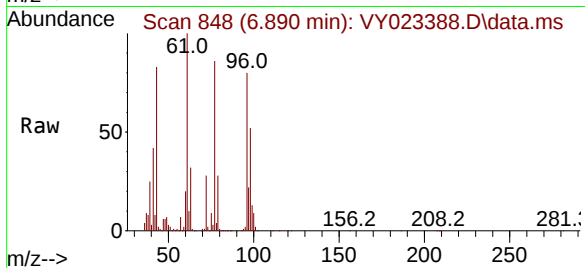
Tgt Ion: 96 Resp: 670773

Ion Ratio Lower Upper

96 100

61 125.9 0.0 258.2

98 64.7 0.0 132.0



#28

Bromochloromethane

Concen: 81.418 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

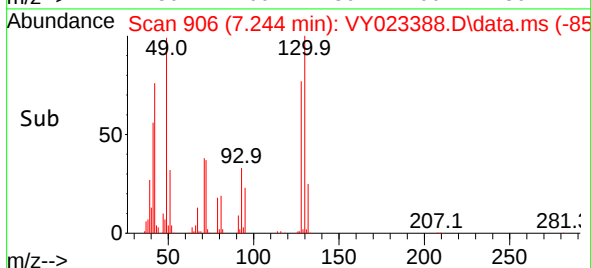
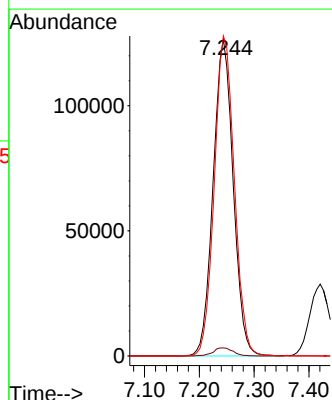
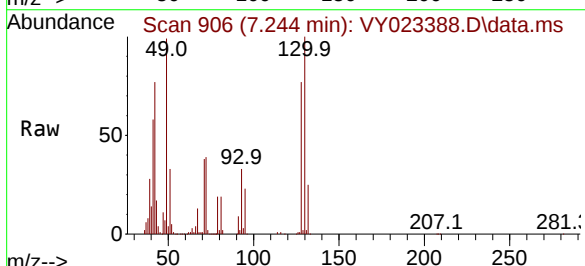
Tgt Ion: 49 Resp: 321657

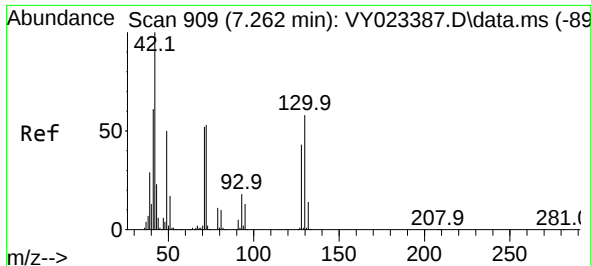
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.6

130 100.9 81.9 122.9





#29

Tetrahydrofuran

Concen: 488.587 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

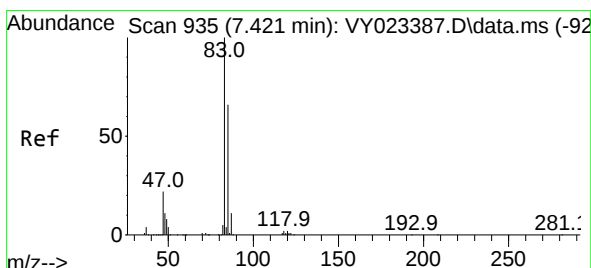
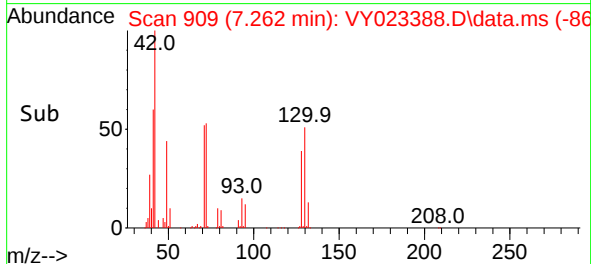
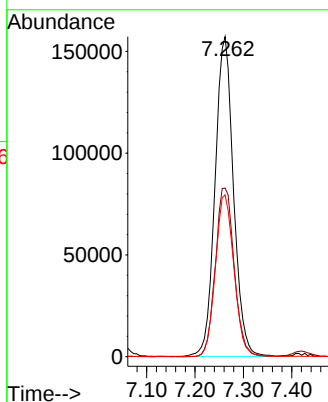
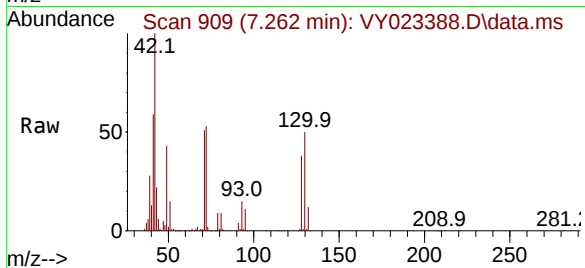
Tgt Ion: 42 Resp: 415867

Ion Ratio Lower Upper

42 100

72 54.1 43.0 64.6

71 50.9 40.1 60.1



#30

Chloroform

Concen: 91.401 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023388.D

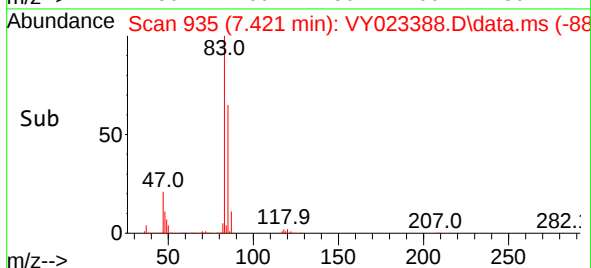
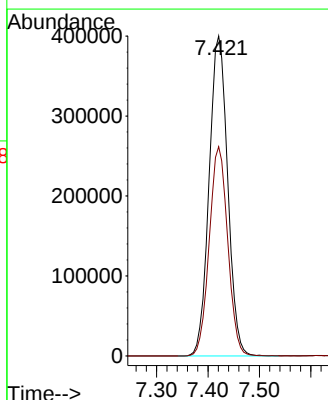
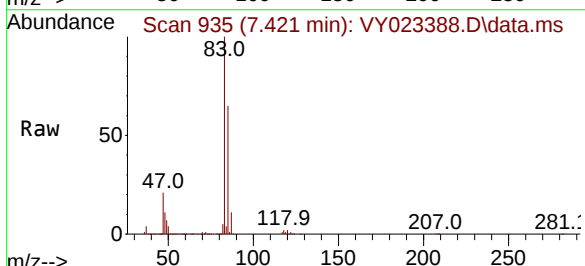
Acq: 07 Oct 2025 12:09

Tgt Ion: 83 Resp: 1003722

Ion Ratio Lower Upper

83 100

85 65.4 52.5 78.7

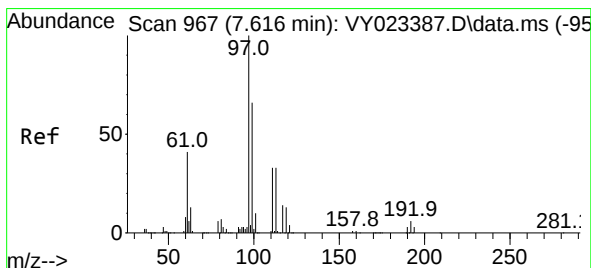
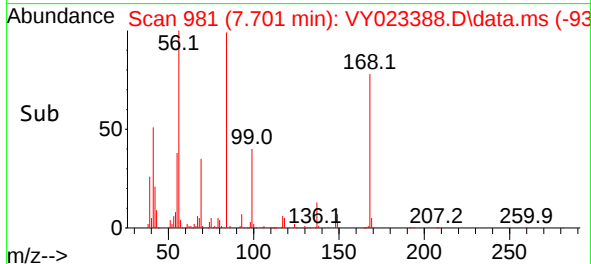
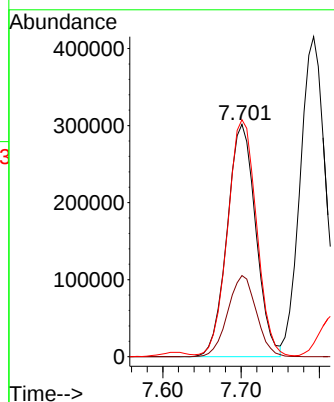
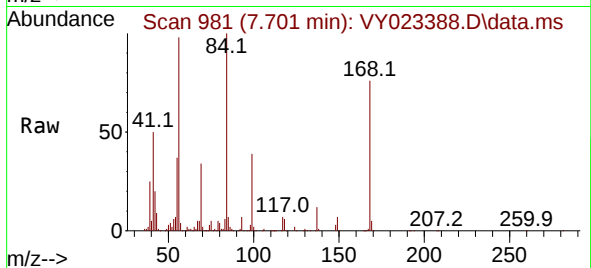




#31
Cyclohexane
Concen: 85.293 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

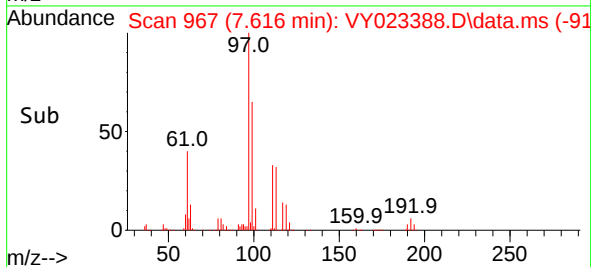
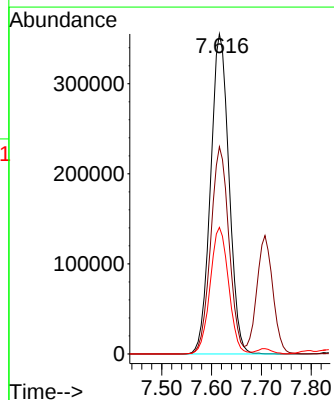
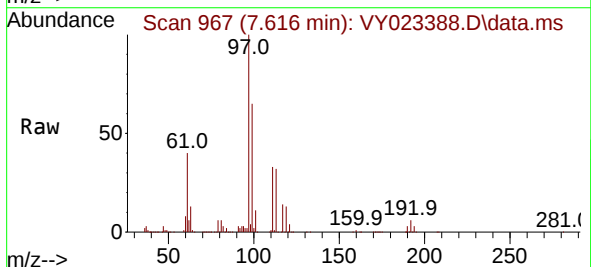
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

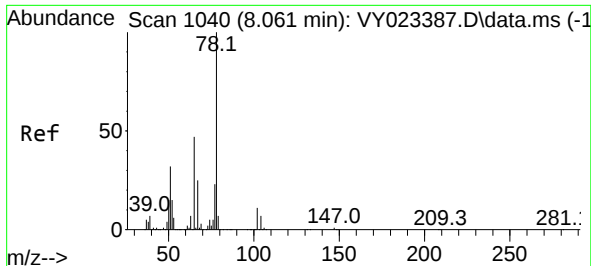
Tgt Ion: 56 Resp: 767083
Ion Ratio Lower Upper
56 100
69 34.9 30.0 45.0
84 100.2 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 92.399 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 97 Resp: 910837
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 39.7 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 90.510 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

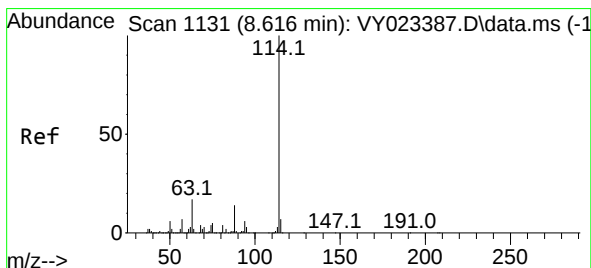
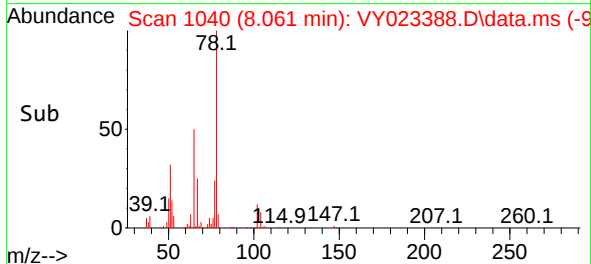
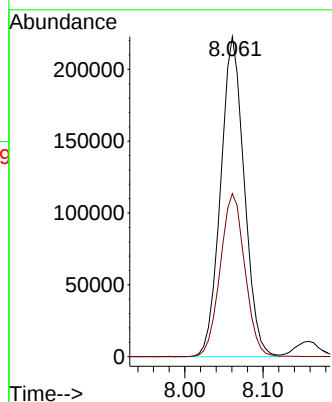
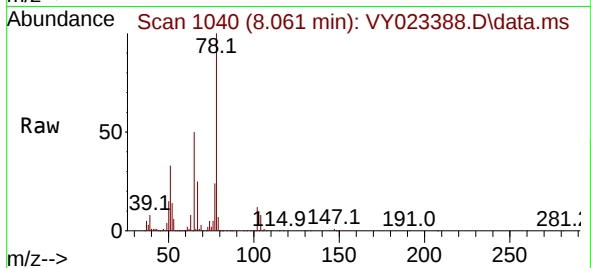
VSTDICC100

Tgt Ion: 65 Resp: 467005

Ion Ratio Lower Upper

65 100

67 53.0 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: VY023388.D

Acq: 07 Oct 2025 12:09

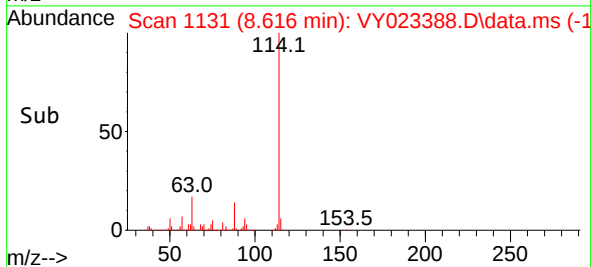
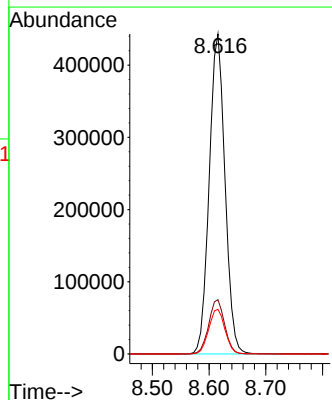
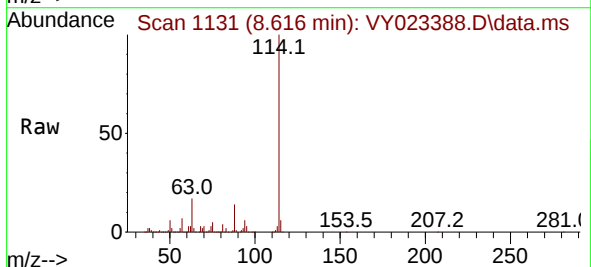
Tgt Ion: 114 Resp: 855682

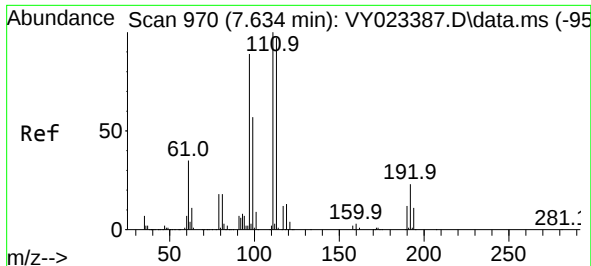
Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.2

88 13.9 0.0 28.4

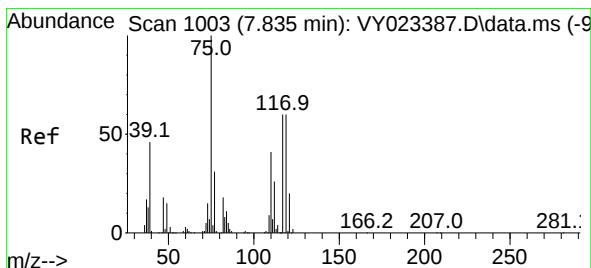
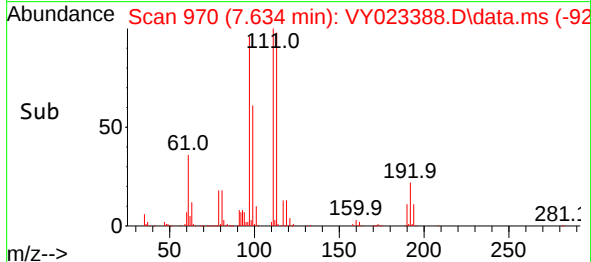
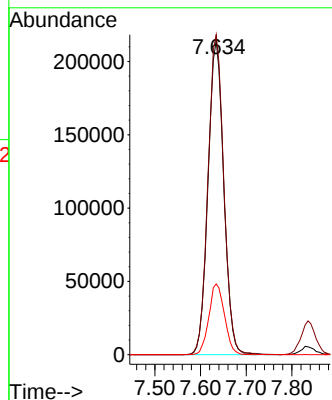
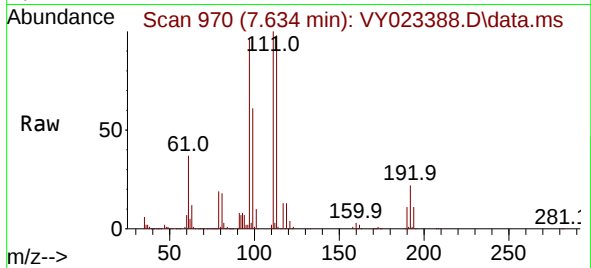




#35
Dibromofluoromethane
Concen: 98.497 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

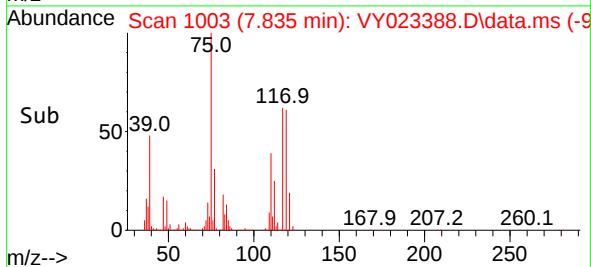
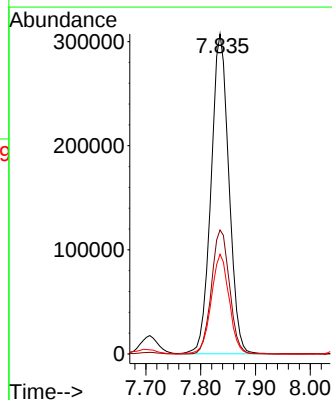
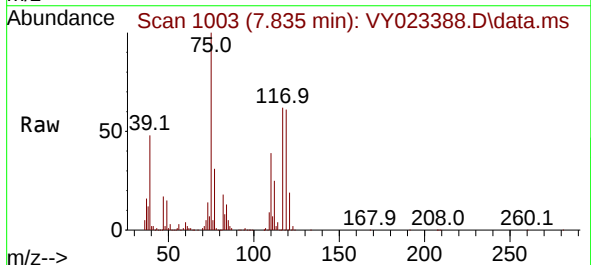
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

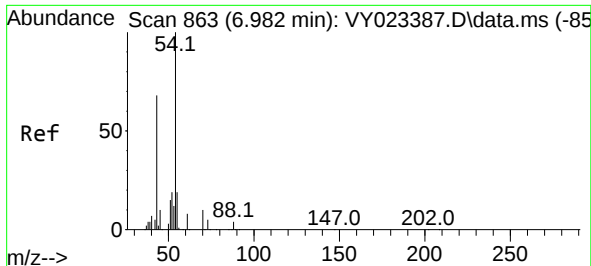
Tgt Ion:113 Resp: 511478
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 22.5 18.0 27.0



#36
1,1-Dichloropropene
Concen: 94.516 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 692477
Ion Ratio Lower Upper
75 100
110 39.2 19.9 59.7
77 31.4 25.0 37.6





#37

Ethyl Acetate

Concen: 96.859 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

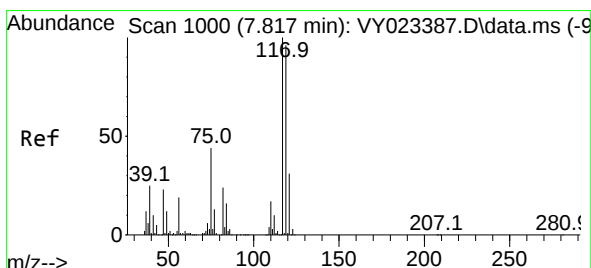
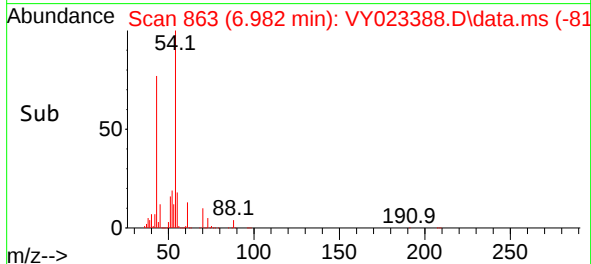
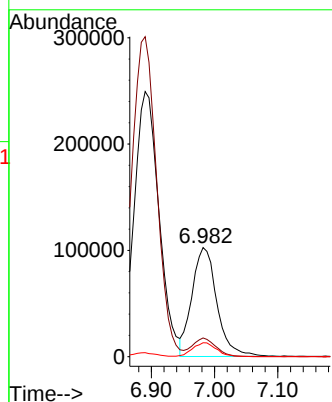
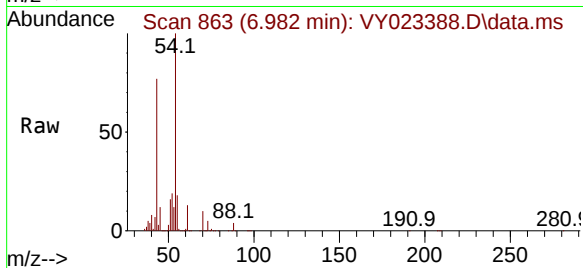
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 280560

Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.8	17.8
70	12.4	10.5	15.7



#38

Carbon Tetrachloride

Concen: 97.894 ug/l

RT: 7.817 min Scan# 1000

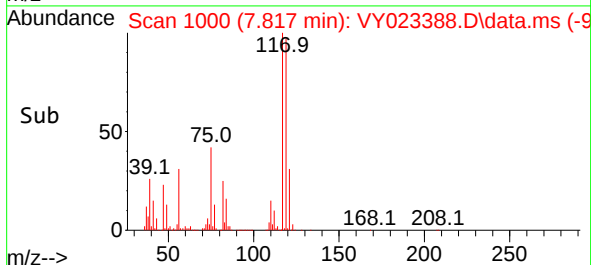
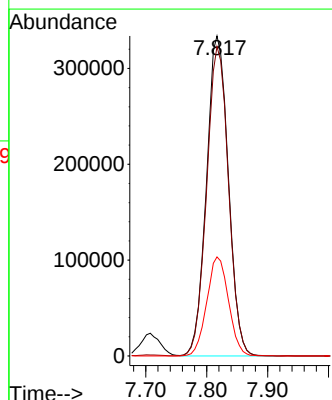
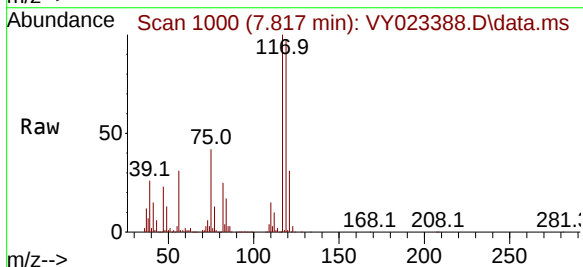
Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Tgt Ion: 117 Resp: 833170

Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.8	115.2
121	30.9	24.5	36.7





#39

Methylcyclohexane

Concen: 101.024 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

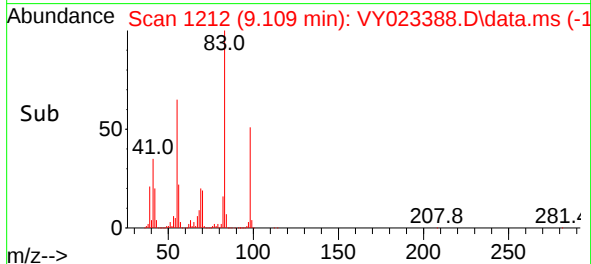
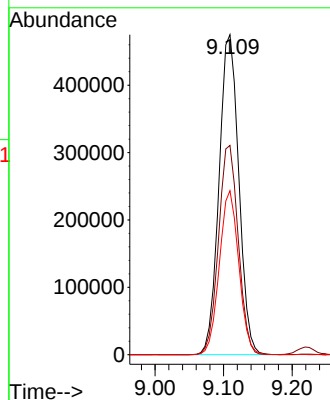
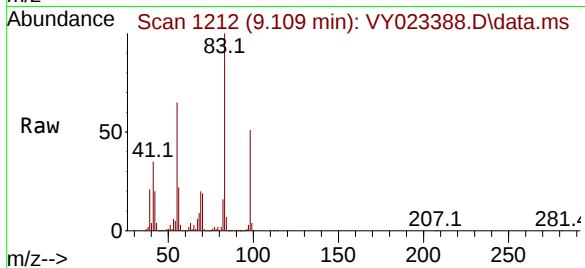
Tgt Ion: 83 Resp: 947664

Ion Ratio Lower Upper

83 100

55 65.4 51.4 77.2

98 51.3 40.4 60.6



#40

Benzene

Concen: 96.000 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023388.D

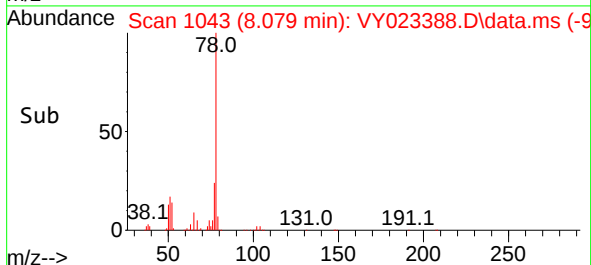
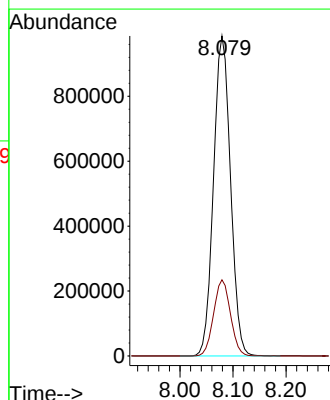
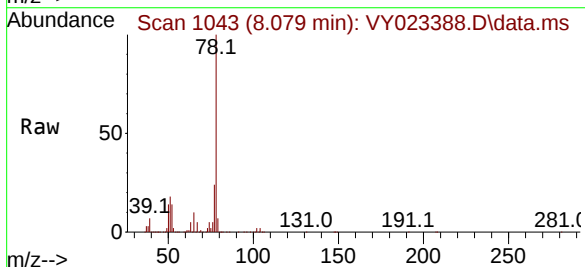
Acq: 07 Oct 2025 12:09

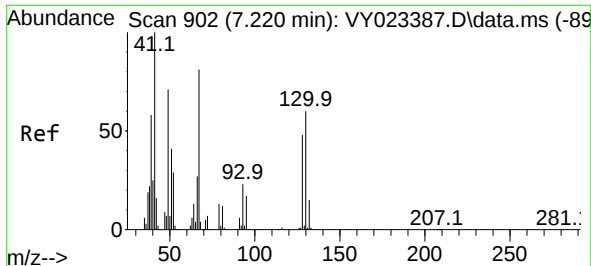
Tgt Ion: 78 Resp: 2192645

Ion Ratio Lower Upper

78 100

77 23.8 18.3 27.5



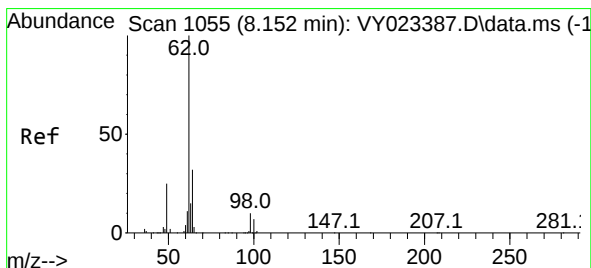
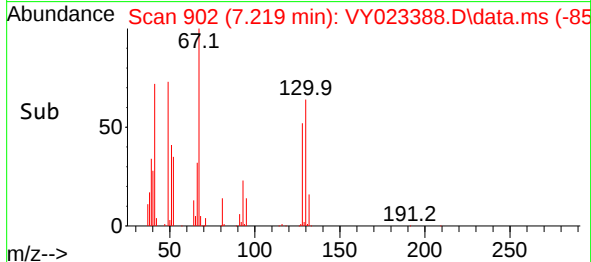
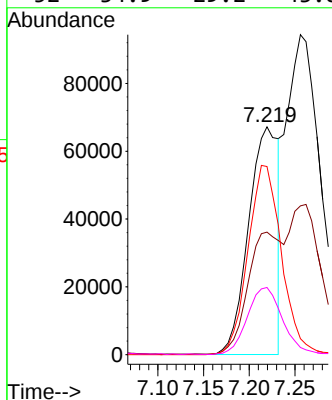
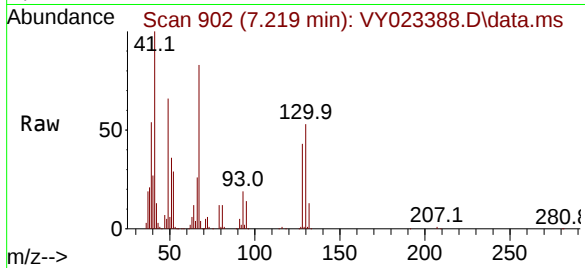


#41
Methacrylonitrile
Concen: 101.200 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 152239

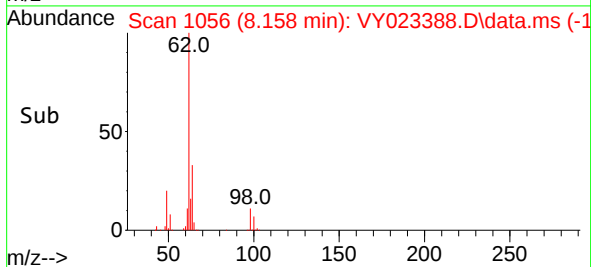
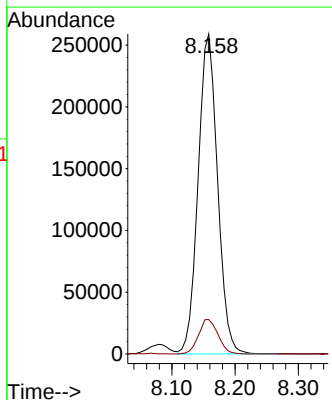
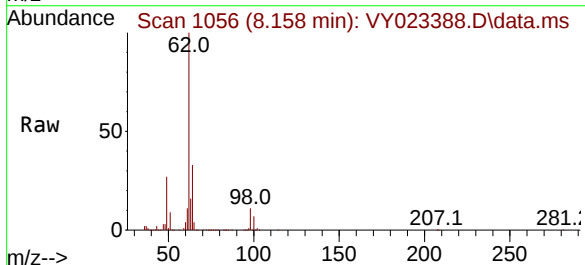
Ion	Ratio	Lower	Upper
41	100		
39	62.6	52.2	78.4
67	93.9	74.9	112.3
52	34.9	29.2	43.8

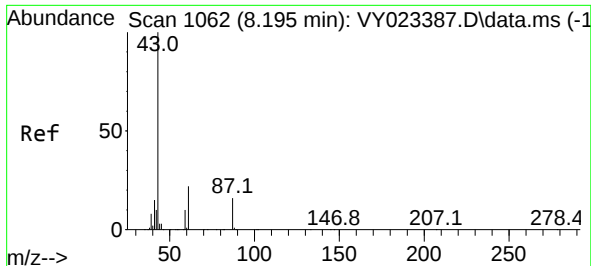


#42
1,2-Dichloroethane
Concen: 95.449 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 62 Resp: 554810

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.6

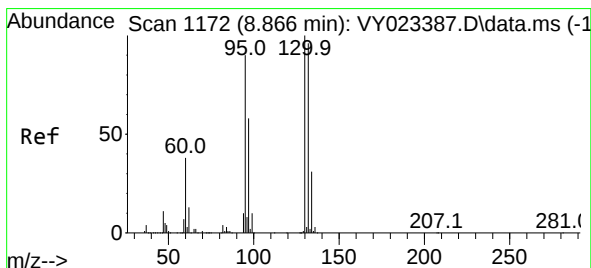
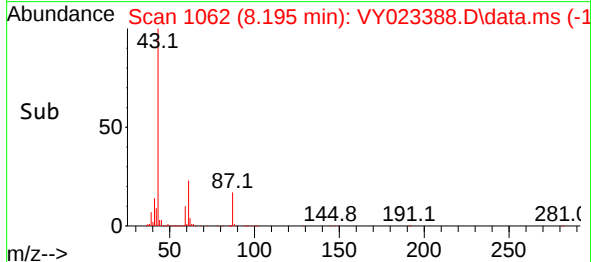
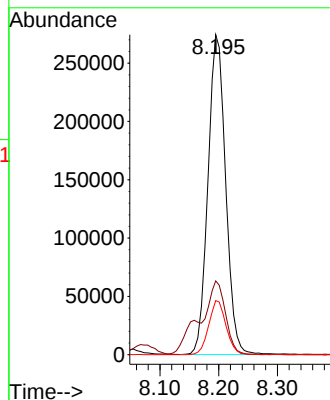
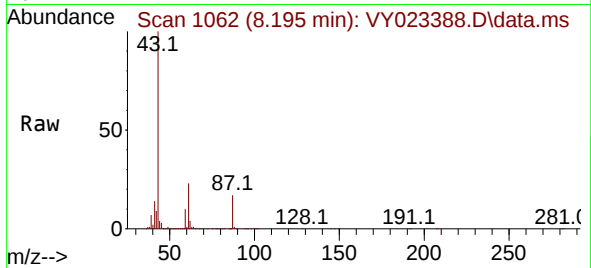




#43
Isopropyl Acetate
Concen: 101.815 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

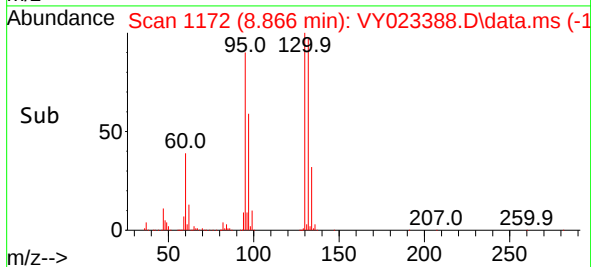
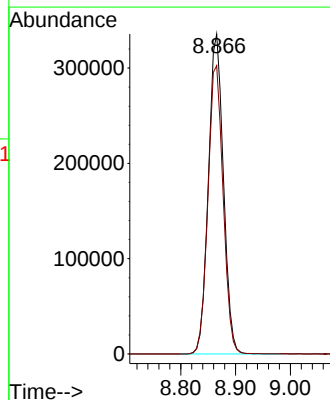
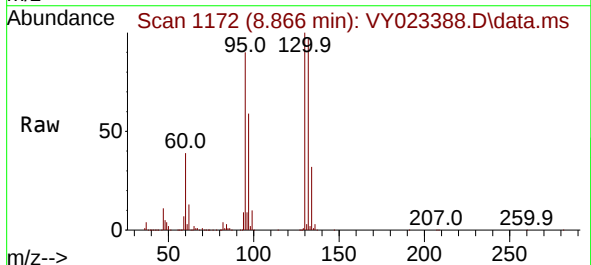
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 573653
Ion Ratio Lower Upper
43 100
61 23.0 18.1 27.1
87 16.6 13.5 20.3



#44
Trichloroethene
Concen: 99.245 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:130 Resp: 636149
Ion Ratio Lower Upper
130 100
95 90.1 0.0 180.6





#45

1,2-Dichloropropane

Concen: 94.381 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

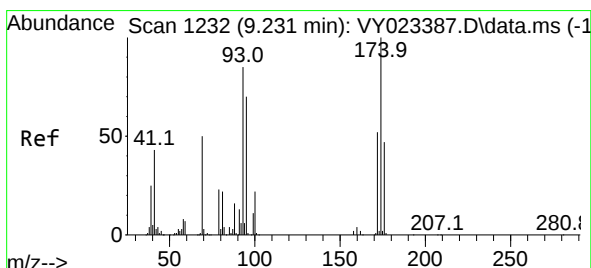
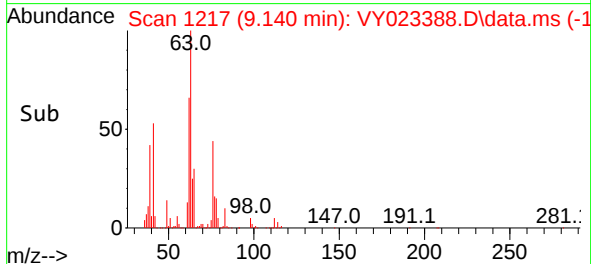
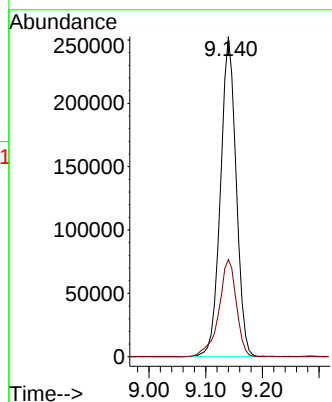
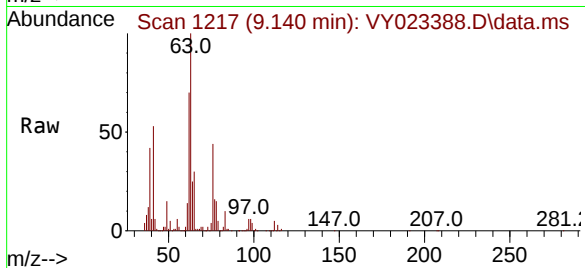
VSTDIC100

Tgt Ion: 63 Resp: 485084

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 98.596 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

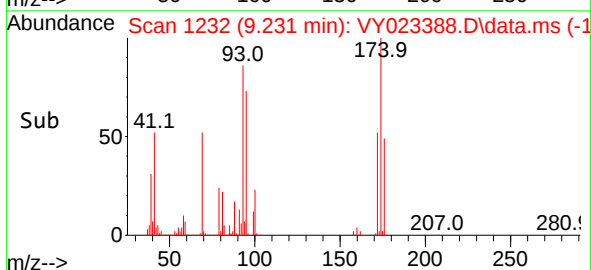
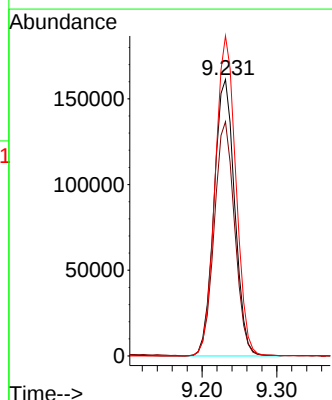
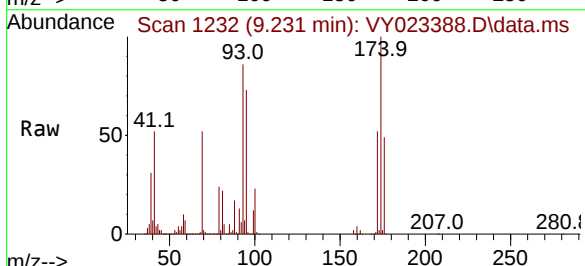
Tgt Ion: 93 Resp: 309964

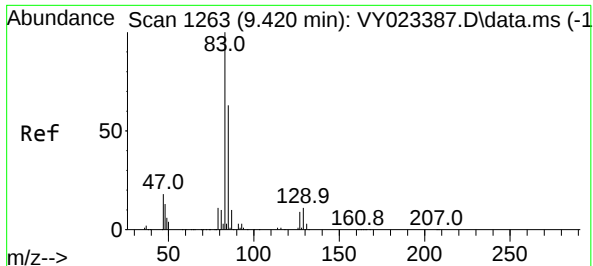
Ion Ratio Lower Upper

93 100

95 83.8 65.4 98.0

174 115.6 92.9 139.3

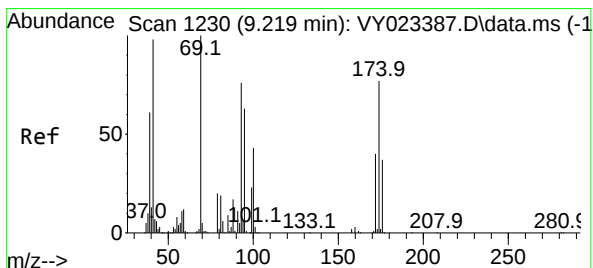
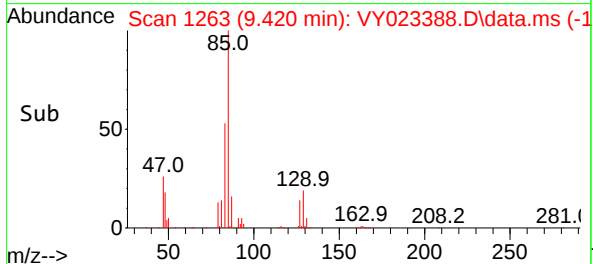
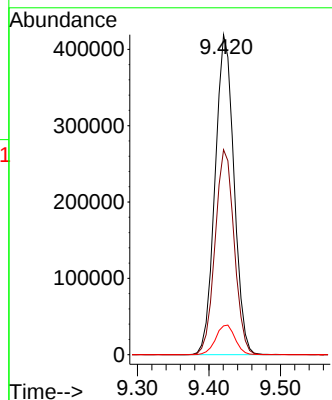
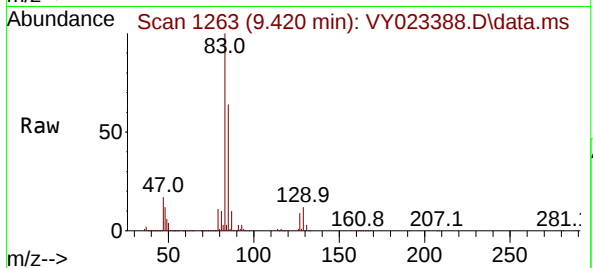




#47
Bromodichloromethane
Concen: 97.210 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

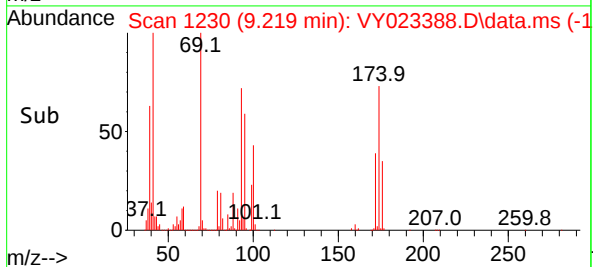
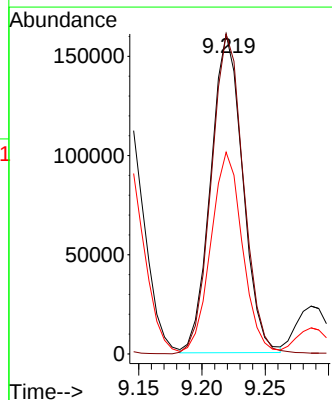
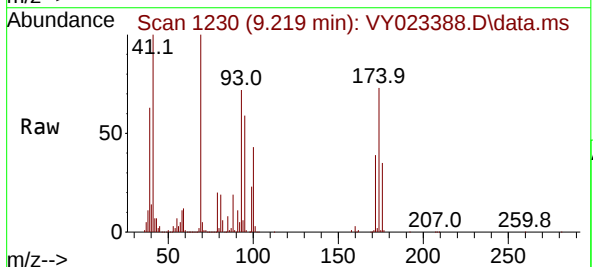
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

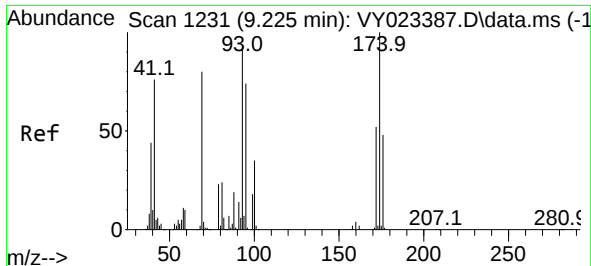
Tgt Ion: 83 Resp: 769238
Ion Ratio Lower Upper
83 100
85 64.1 50.8 76.2
127 9.0 7.4 11.2



#48
Methyl methacrylate
Concen: 107.476 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 41 Resp: 282582
Ion Ratio Lower Upper
41 100
69 100.8 81.0 121.4
39 60.9 48.2 72.4





#49

1,4-Dioxane

Concen: 2374.722 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

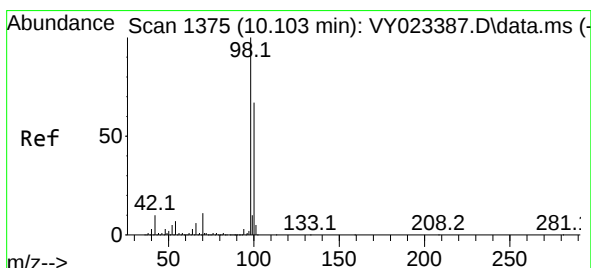
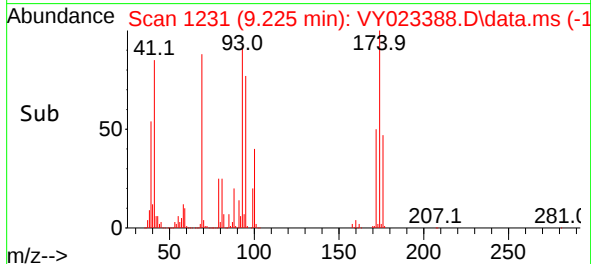
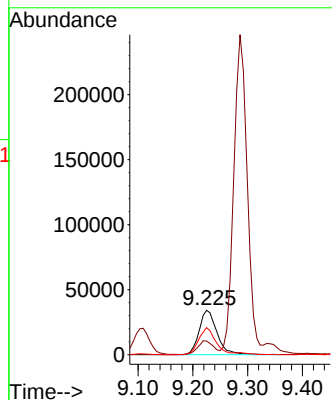
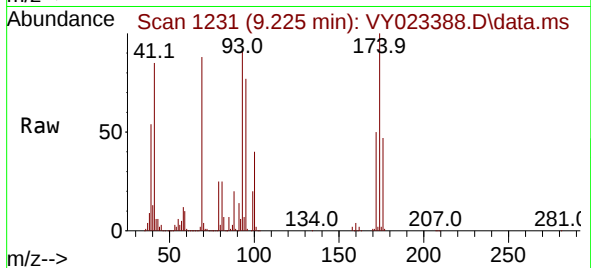
Tgt Ion: 88 Resp: 77305

Ion Ratio Lower Upper

88 100

43 27.5 21.8 32.8

58 58.0 46.8 70.2



#50

Toluene-d8

Concen: 98.031 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023388.D

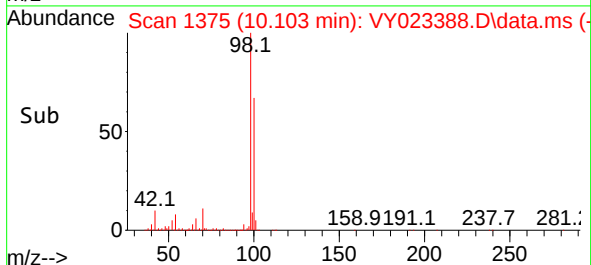
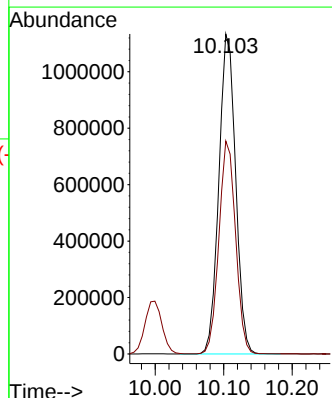
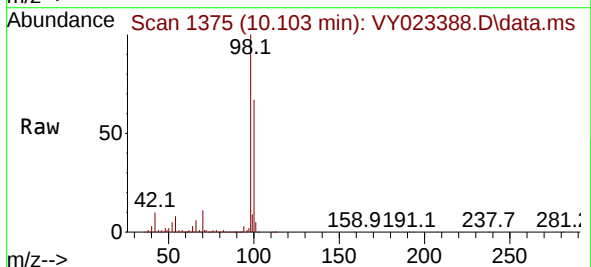
Acq: 07 Oct 2025 12:09

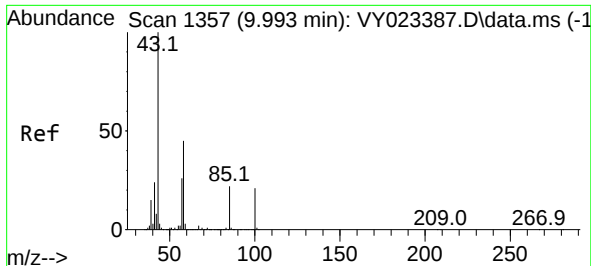
Tgt Ion: 98 Resp: 1919872

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 533.386 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

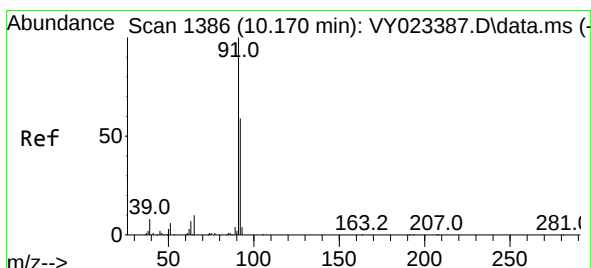
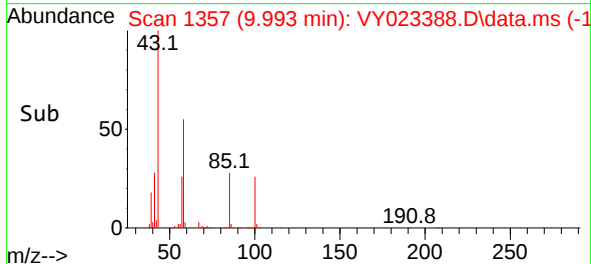
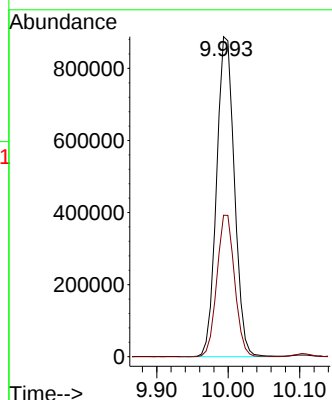
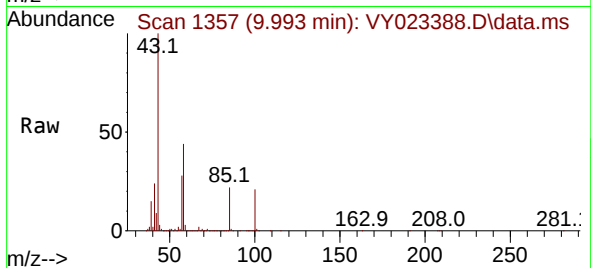
VSTDIC100

Tgt Ion: 43 Resp: 1539324

Ion Ratio Lower Upper

43 100

58 44.0 35.3 52.9



#52

Toluene

Concen: 100.905 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023388.D

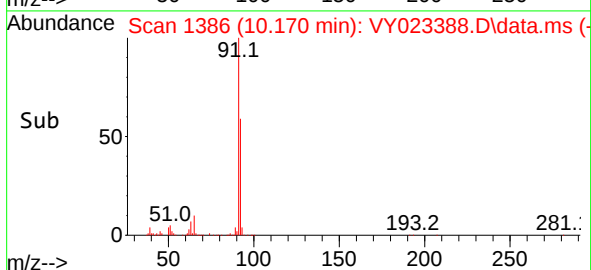
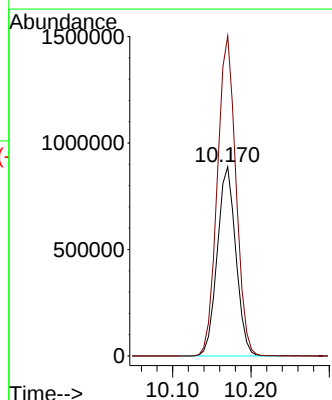
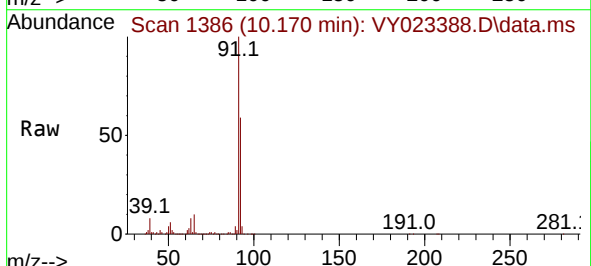
Acq: 07 Oct 2025 12:09

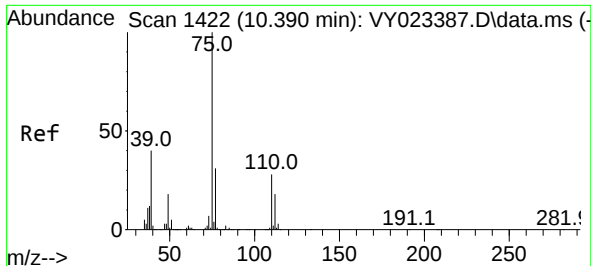
Tgt Ion: 92 Resp: 1462927

Ion Ratio Lower Upper

92 100

91 169.6 136.4 204.6

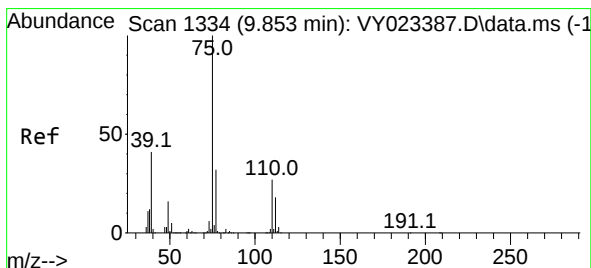
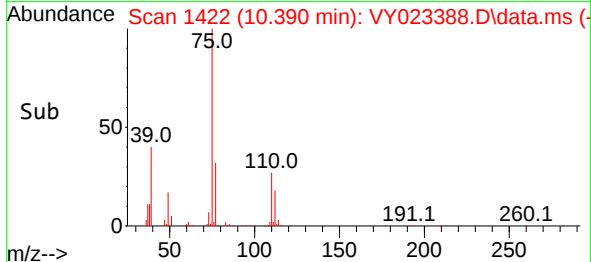
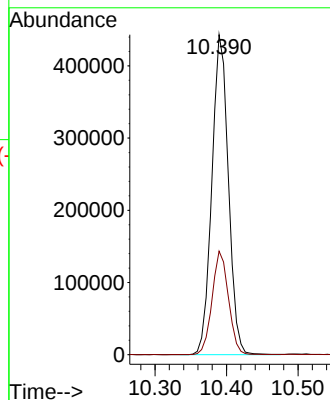
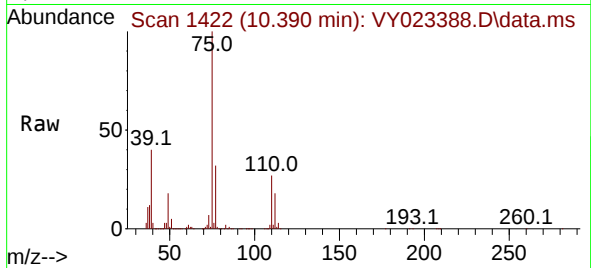




#53
 t-1,3-Dichloropropene
 Concen: 104.537 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY023388.D
 Acq: 07 Oct 2025 12:09

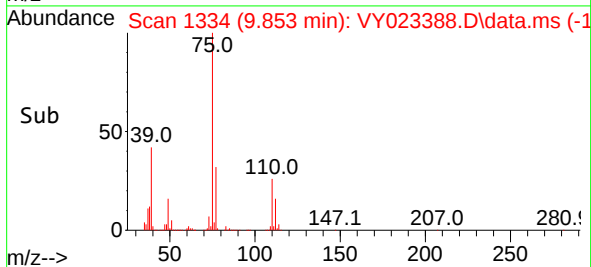
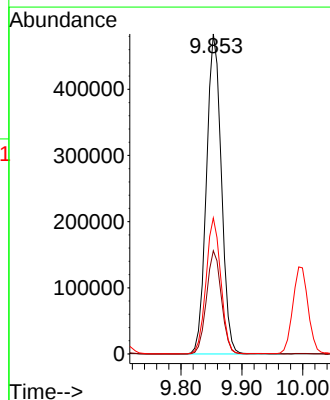
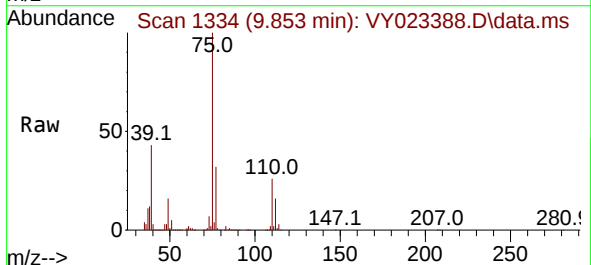
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

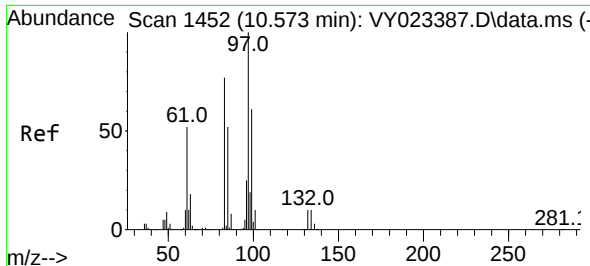
Tgt Ion: 75 Resp: 710475
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 101.302 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023388.D
 Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 822967
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0
 39 42.5 32.8 49.2



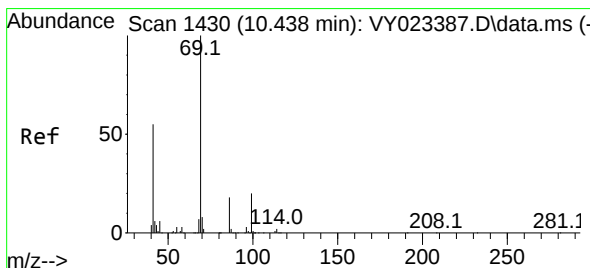
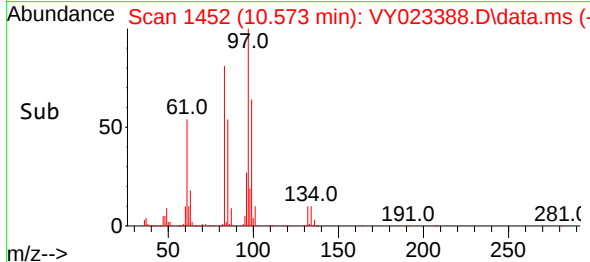
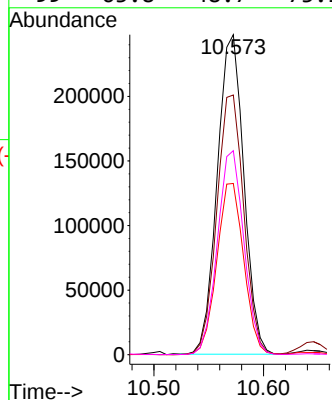
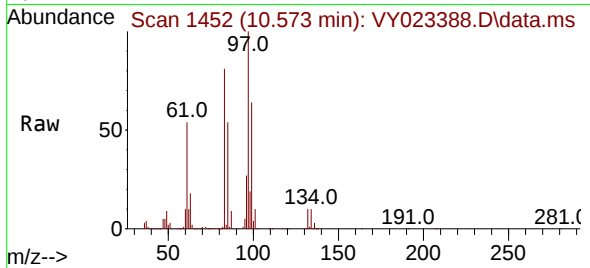


#55
1,1,2-Trichloroethane
Concen: 99.875 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 417623

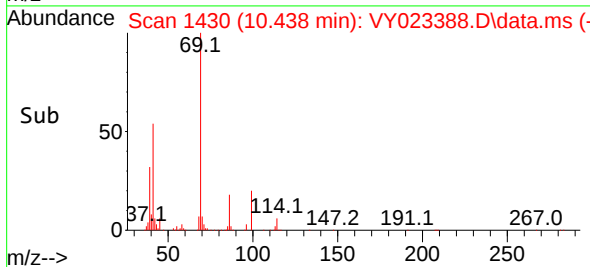
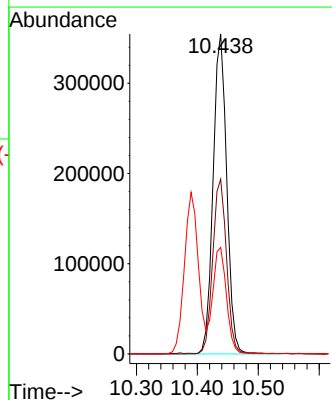
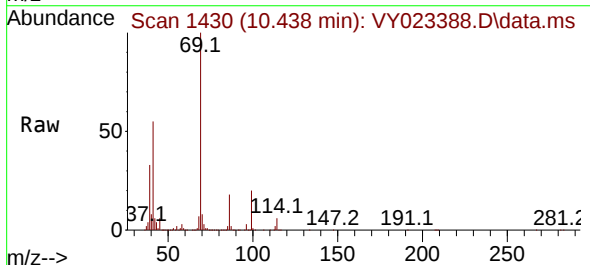
Ion	Ratio	Lower	Upper
97	100		
83	81.3	61.8	92.6
85	53.6	41.3	61.9
99	63.8	48.7	73.1

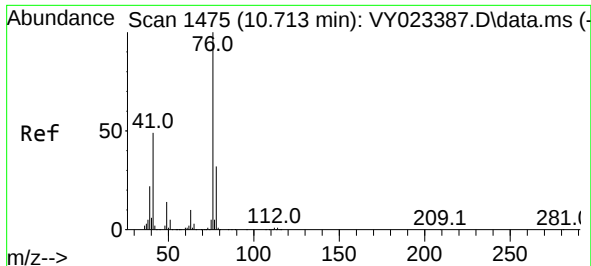


#56
Ethyl methacrylate
Concen: 114.077 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 69 Resp: 549366

Ion	Ratio	Lower	Upper
69	100		
41	55.1	44.6	67.0
39	33.3	27.0	40.4





#57

1,3-Dichloropropane

Concen: 99.140 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

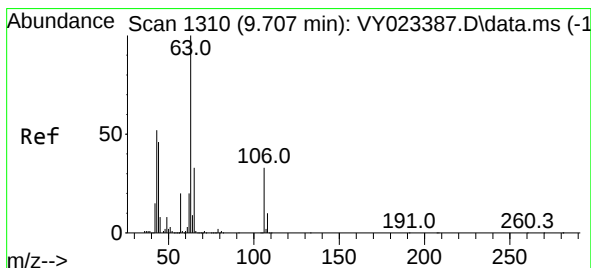
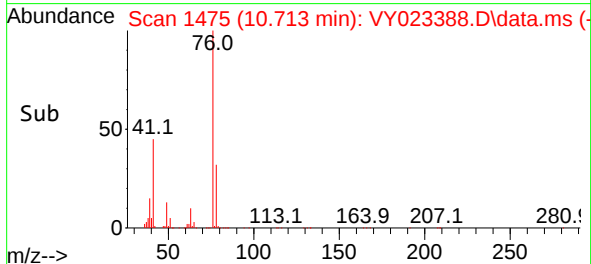
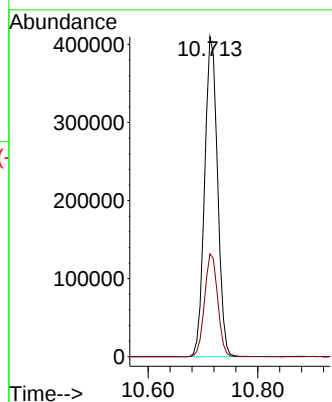
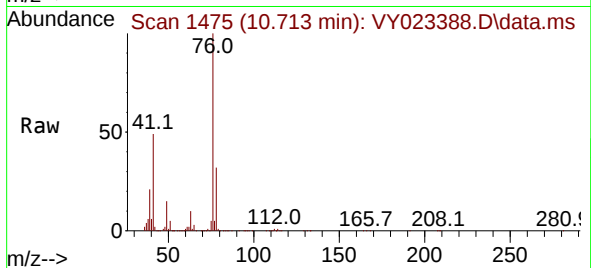
VSTDIC100

Tgt Ion: 76 Resp: 670961

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 588.731 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY023388.D

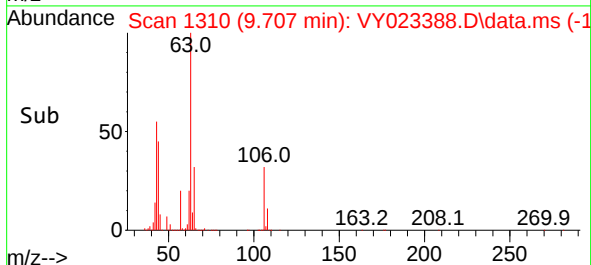
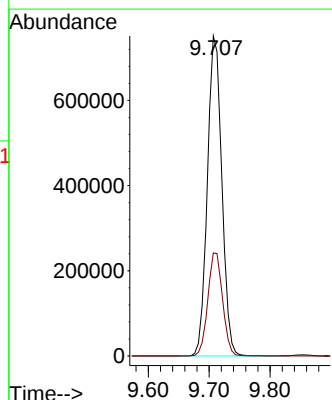
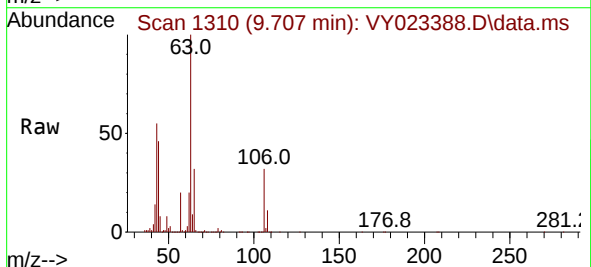
Acq: 07 Oct 2025 12:09

Tgt Ion: 63 Resp: 1240361

Ion Ratio Lower Upper

63 100

106 32.8 26.6 39.8

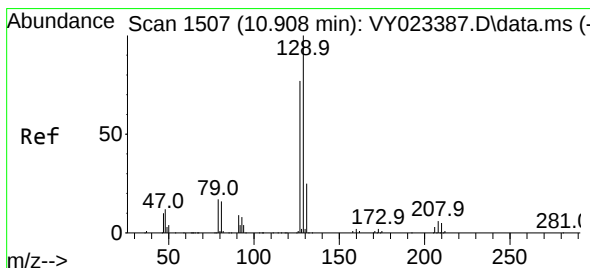
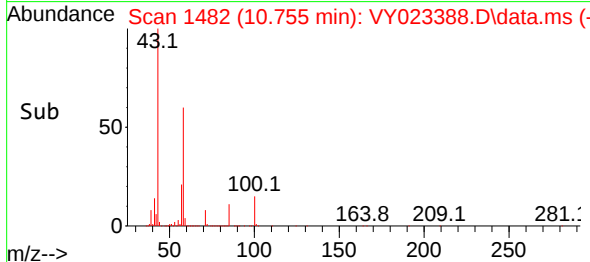
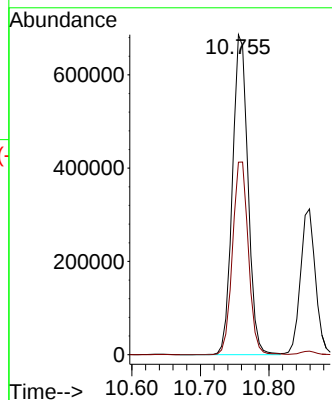
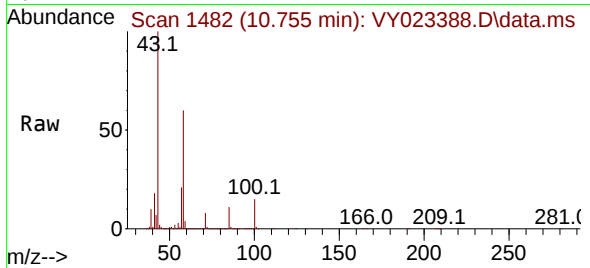




#59
2-Hexanone
Concen: 541.284 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

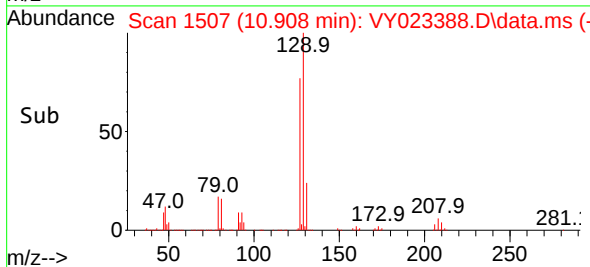
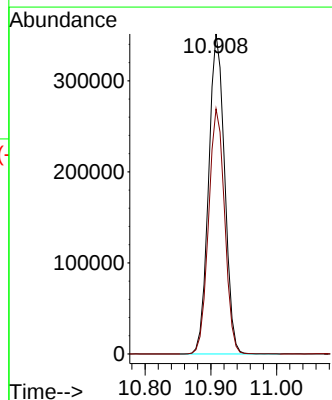
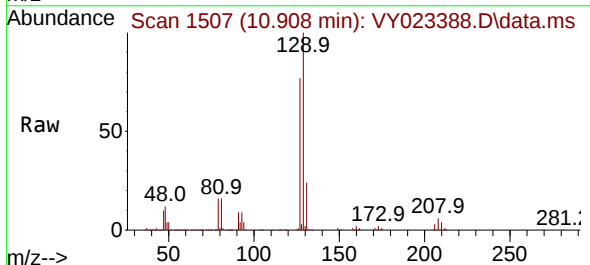
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

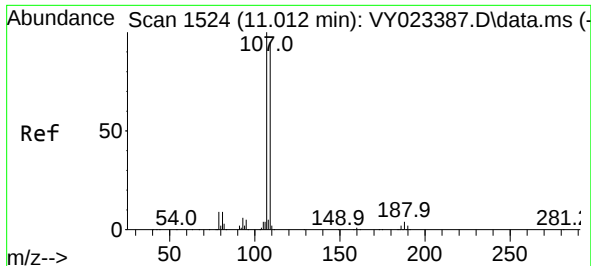
Tgt Ion: 43 Resp: 1081568
Ion Ratio Lower Upper
43 100
58 61.5 30.5 91.5



#60
Dibromochloromethane
Concen: 104.133 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 129 Resp: 593878
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7

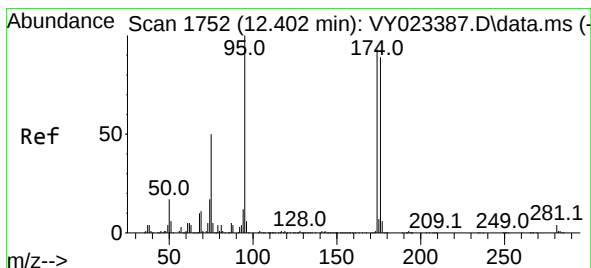
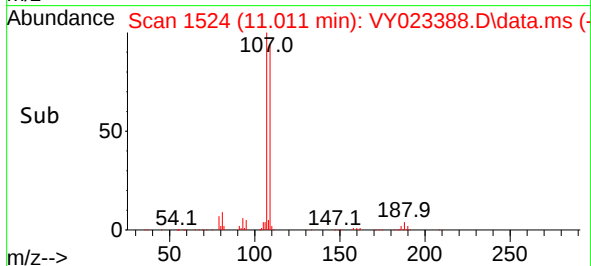
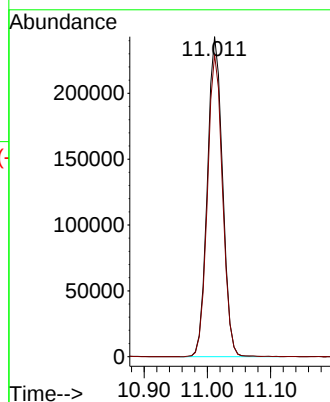
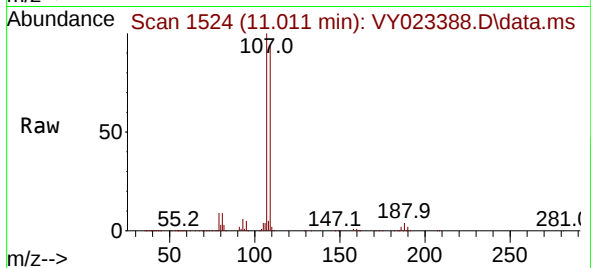




#61
1,2-Dibromoethane
Concen: 103.280 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

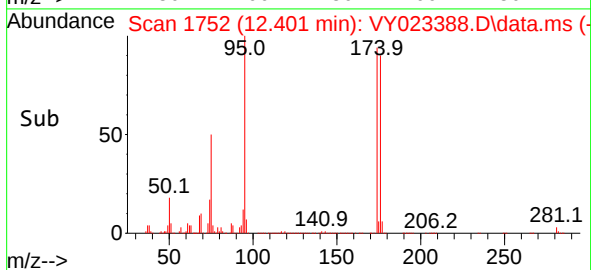
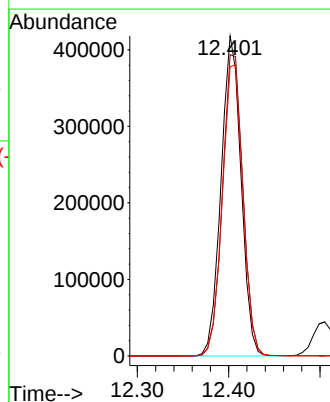
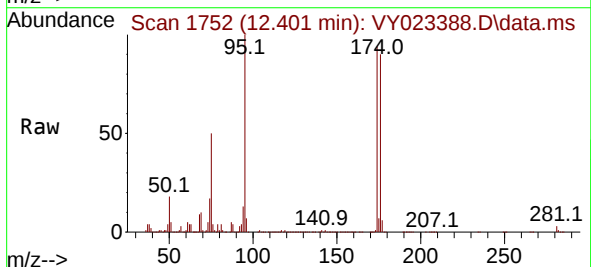
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:107 Resp: 406293
Ion Ratio Lower Upper
107 100
109 94.0 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 103.007 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 95 Resp: 636435
Ion Ratio Lower Upper
95 100
174 96.7 0.0 192.8
176 94.1 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: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

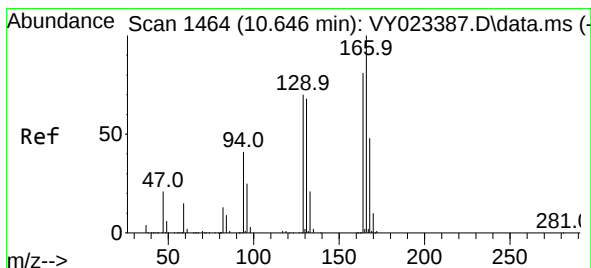
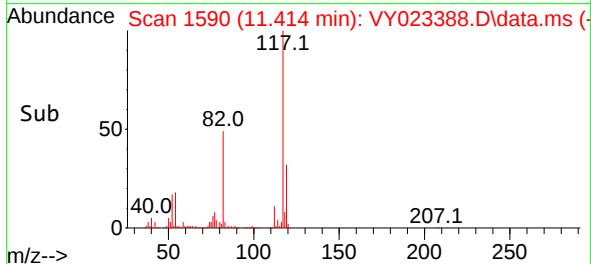
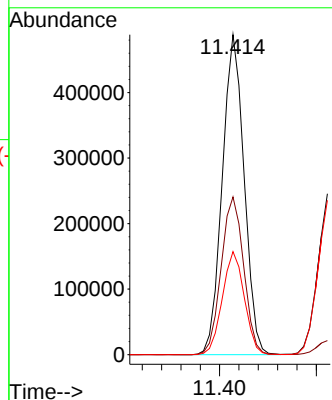
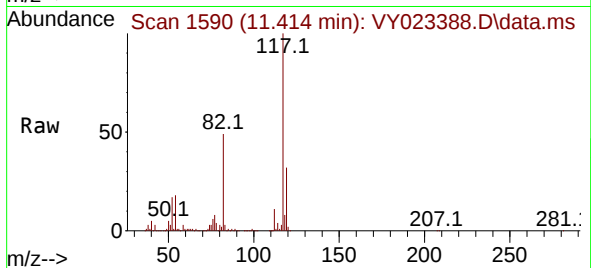
Tgt Ion:117 Resp: 764361

Ion Ratio Lower Upper

117 100

82 49.3 41.0 61.4

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 100.406 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Tgt Ion:164 Resp: 767753

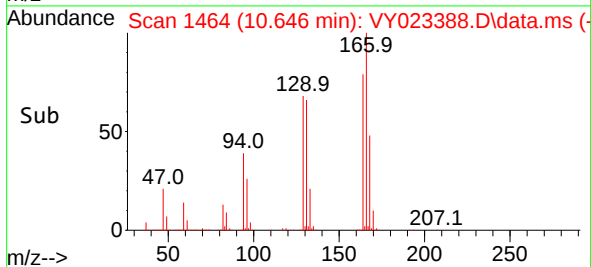
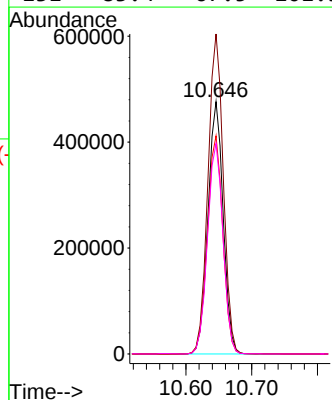
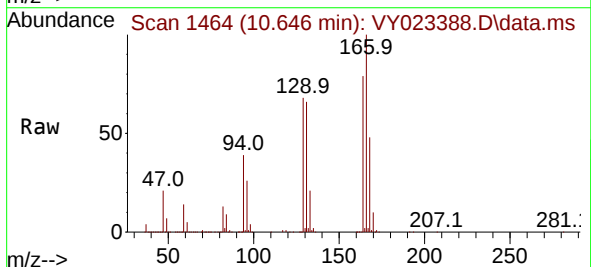
Ion Ratio Lower Upper

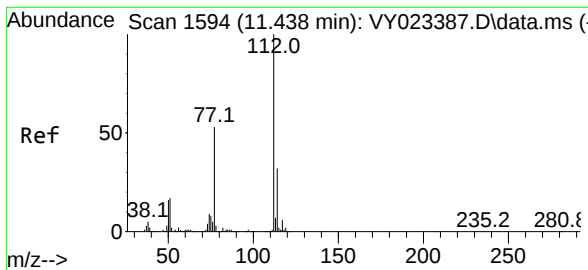
164 100

166 126.9 99.4 149.0

129 86.5 69.4 104.2

131 83.4 67.5 101.3

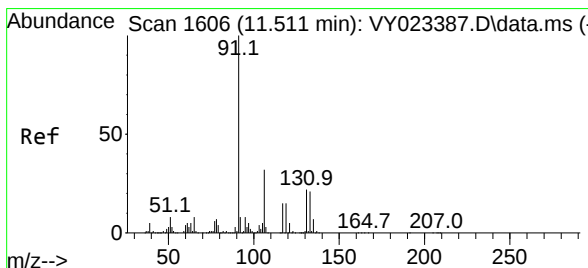
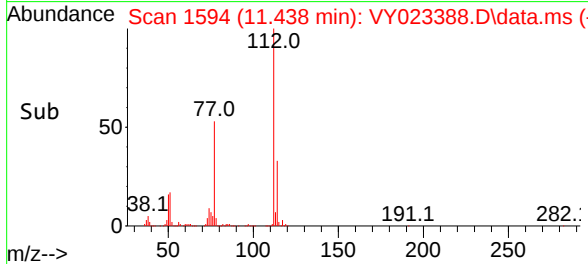
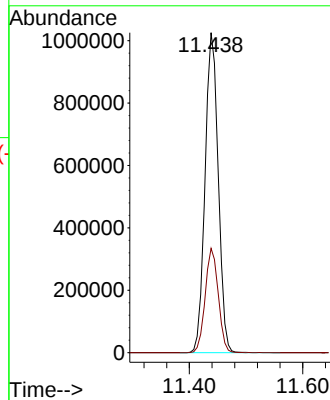
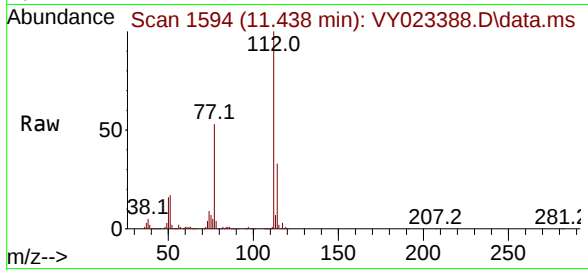




#65
Chlorobenzene
Concen: 99.649 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

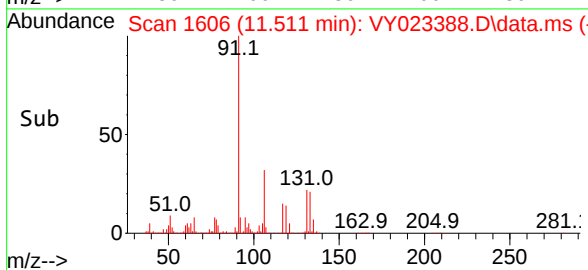
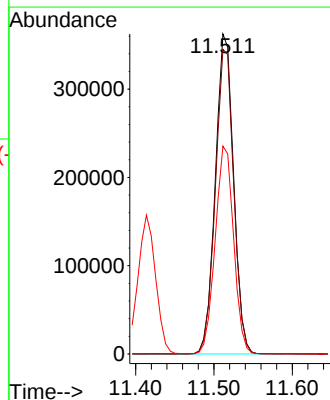
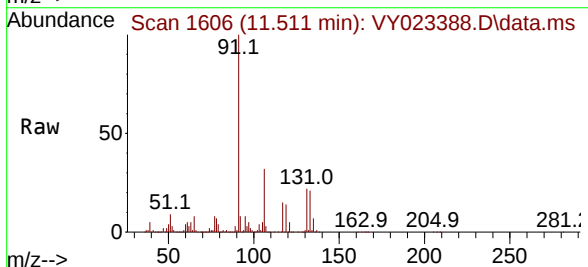
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

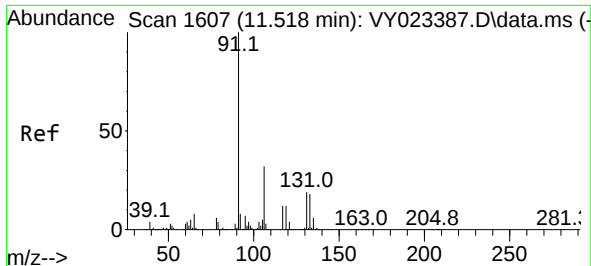
Tgt Ion:112 Resp: 1655143
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 100.470 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:131 Resp: 586878
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.2
119 65.7 32.4 97.2





#67

Ethyl Benzene

Concen: 102.856 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

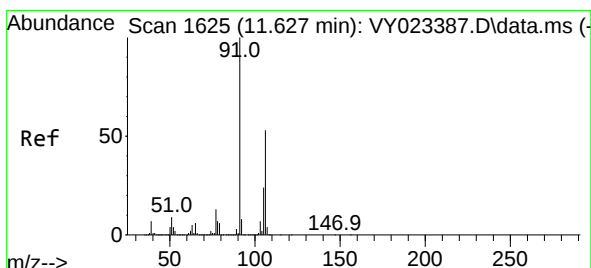
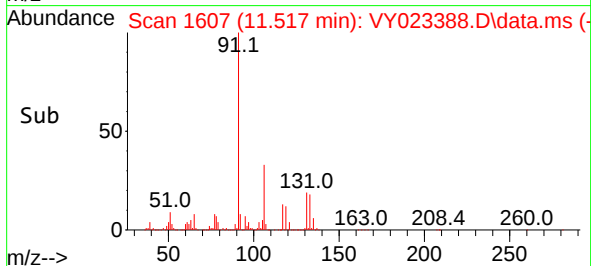
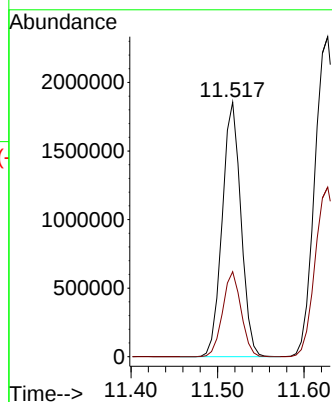
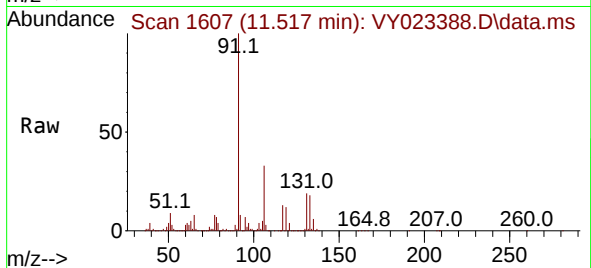
VSTDIC100

Tgt Ion: 91 Resp: 2788252

Ion Ratio Lower Upper

91 100

106 33.4 25.8 38.8



#68

m/p-Xylenes

Concen: 206.437 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023388.D

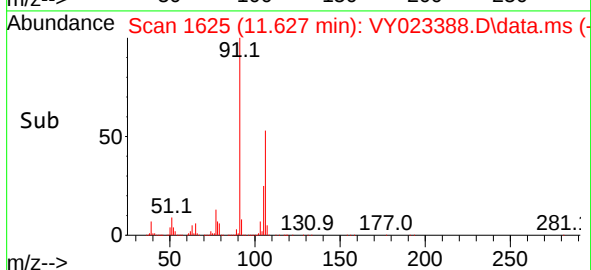
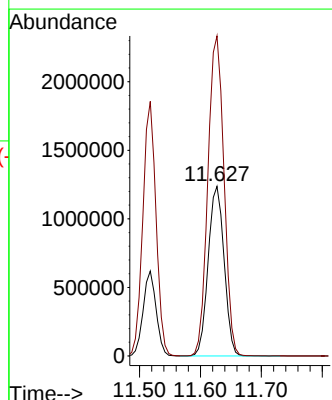
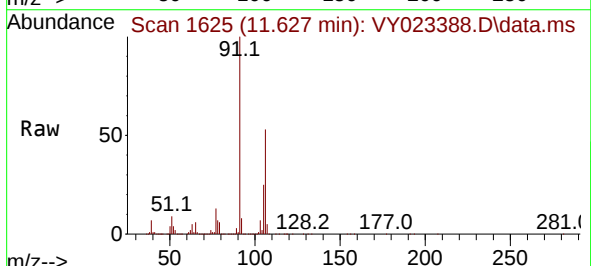
Acq: 07 Oct 2025 12:09

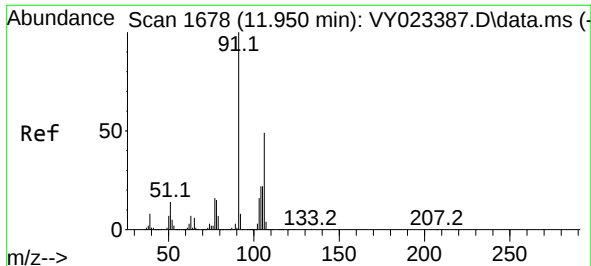
Tgt Ion:106 Resp: 2243033

Ion Ratio Lower Upper

106 100

91 190.5 152.6 229.0

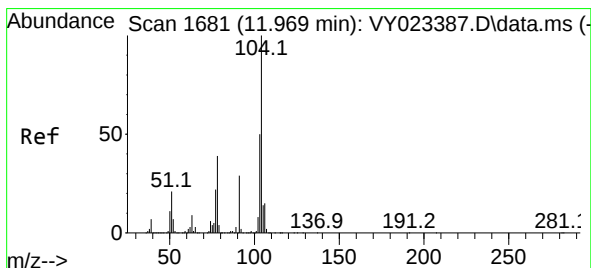
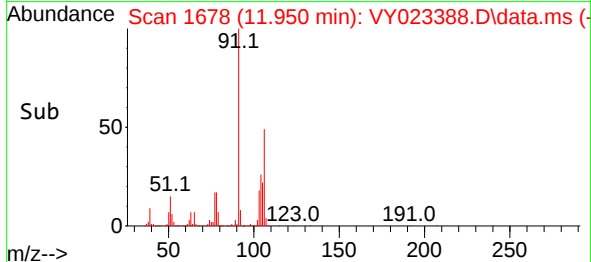
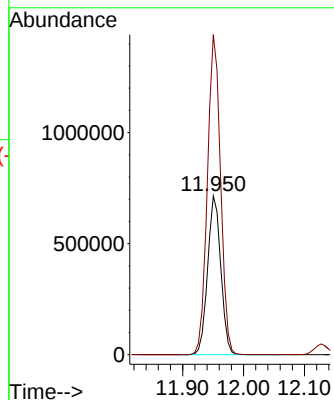
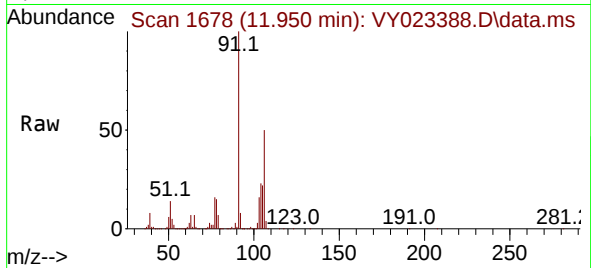




#69
o-Xylene
Concen: 106.611 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

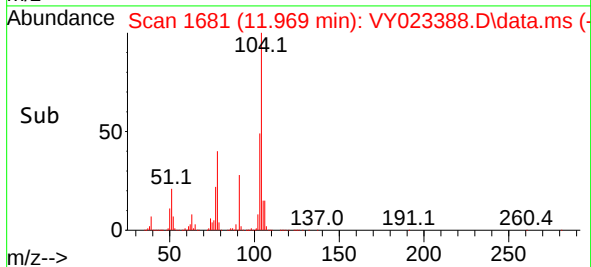
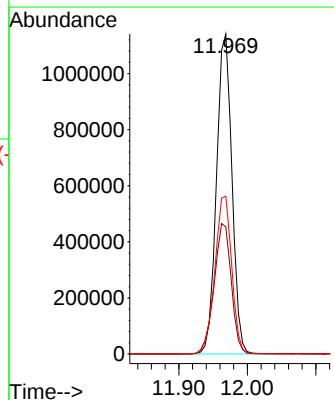
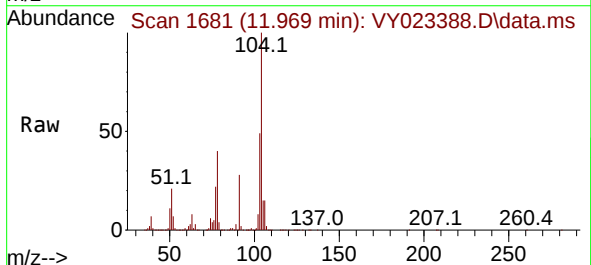
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

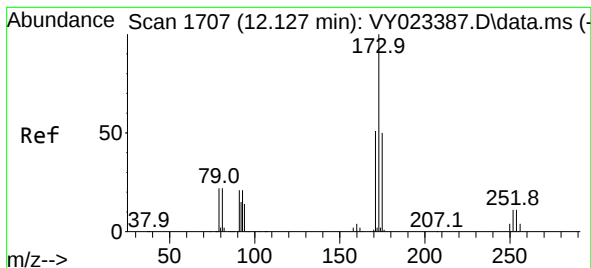
Tgt Ion:106 Resp: 1072335
Ion Ratio Lower Upper
106 100
91 201.8 101.4 304.1



#70
Styrene
Concen: 107.344 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:104 Resp: 1782757
Ion Ratio Lower Upper
104 100
78 45.3 36.1 54.1
103 53.9 43.2 64.8





#71

Bromoform

Concen: 106.727 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

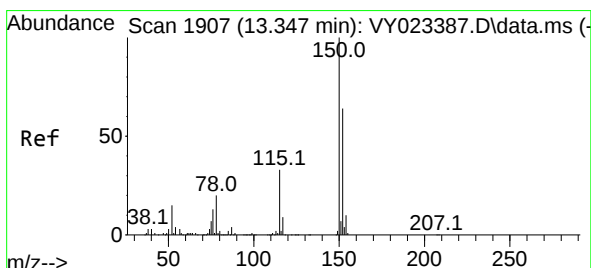
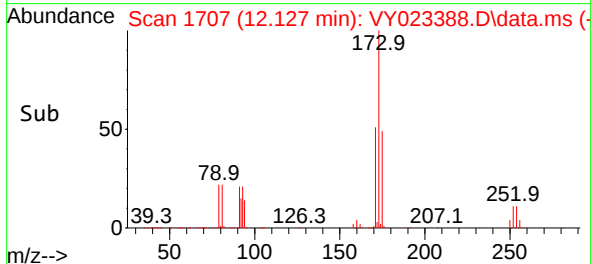
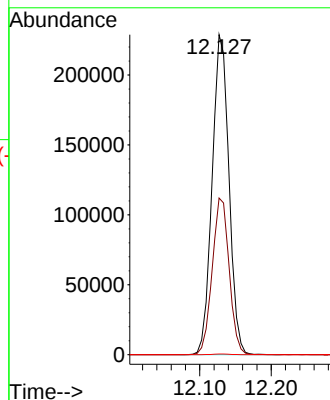
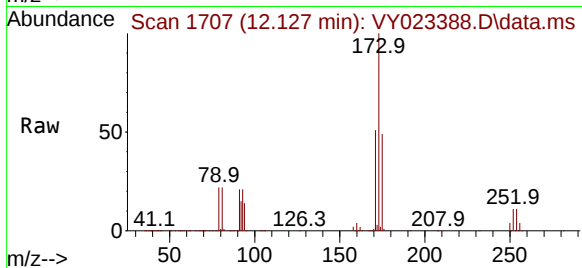
Tgt Ion:173 Resp: 373208

Ion Ratio Lower Upper

173 100

175 49.4 24.8 74.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

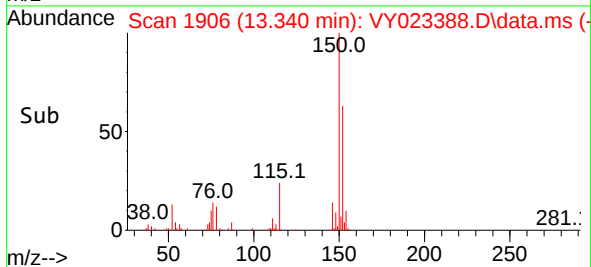
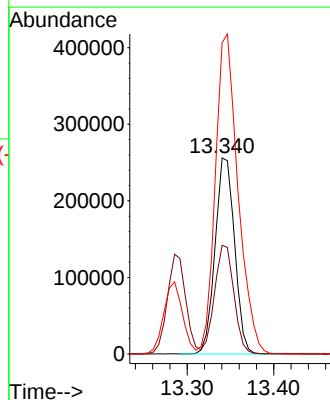
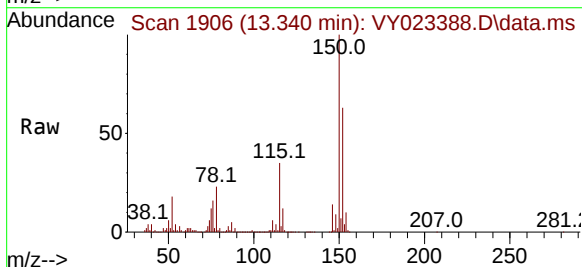
Tgt Ion:152 Resp: 400285

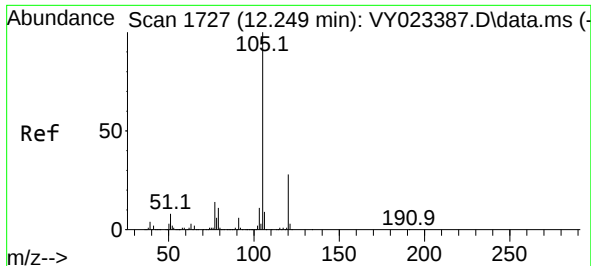
Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.2

150 190.0 0.0 347.4

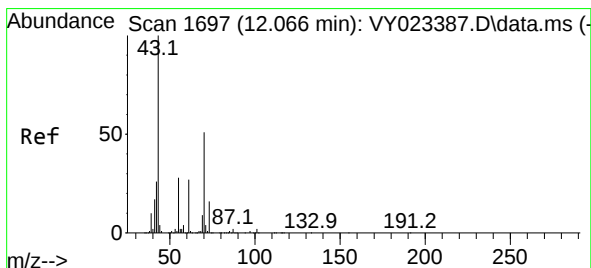
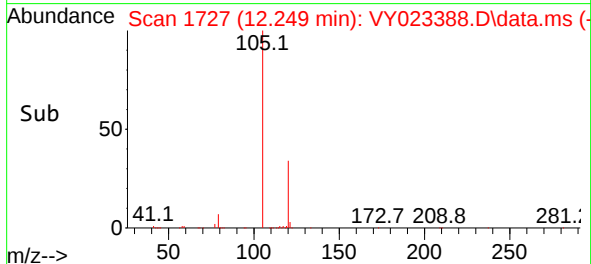
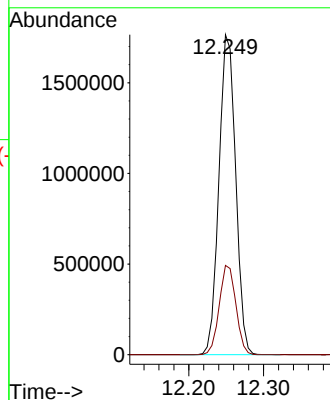
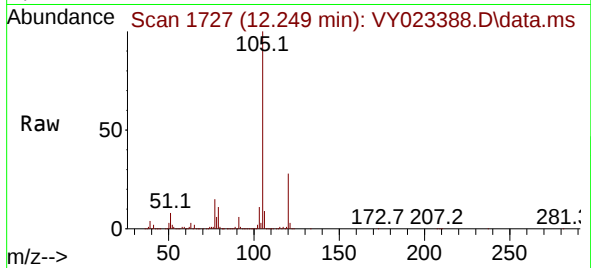




#73
Isopropylbenzene
Concen: 102.825 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

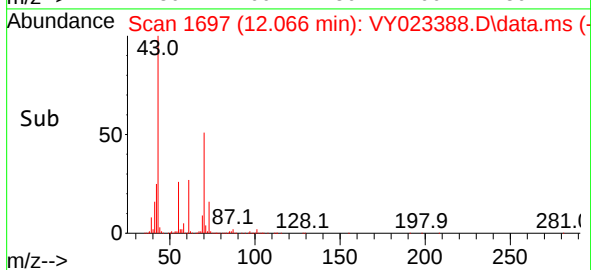
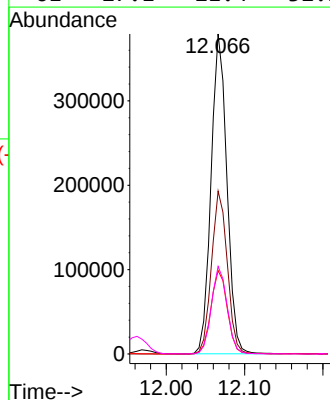
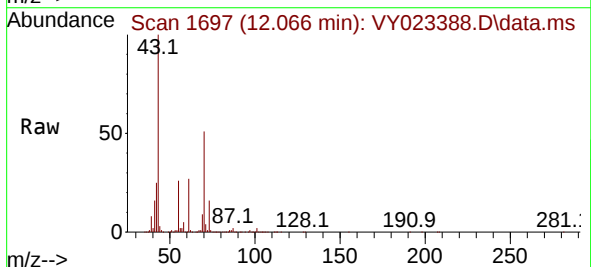
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

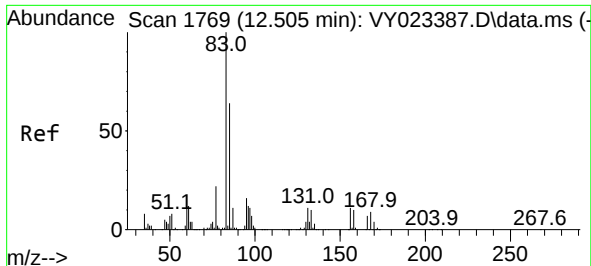
Tgt Ion:105 Resp: 2741698
Ion Ratio Lower Upper
105 100
120 27.7 13.9 41.7



#74
N-ethyl acetate
Concen: 106.818 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 43 Resp: 532255
Ion Ratio Lower Upper
43 100
70 51.0 41.1 61.7
55 26.8 23.0 34.6
61 27.1 21.4 32.2

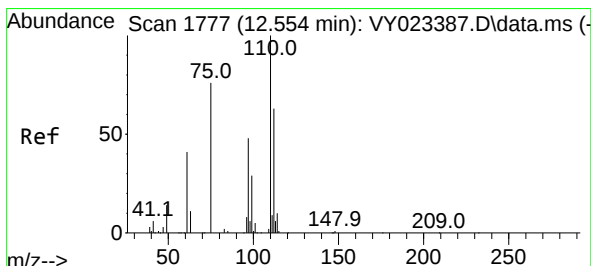
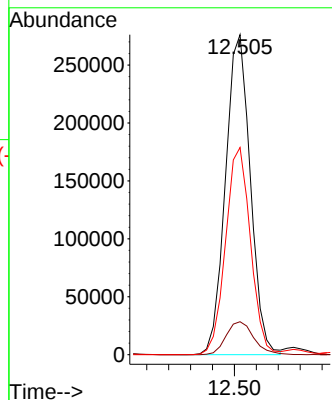
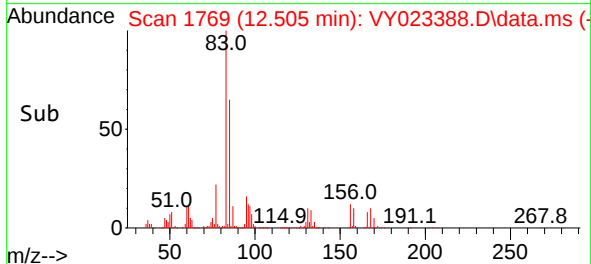
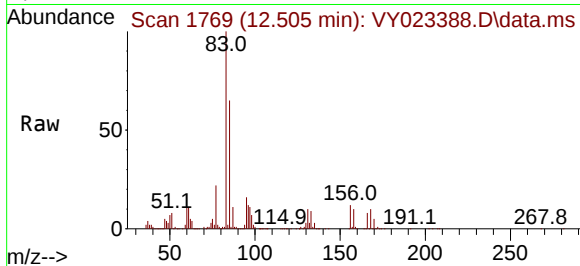




#75
 1,1,2-Tetrachloroethane
 Concen: 97.735 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023388.D
 Acq: 07 Oct 2025 12:09

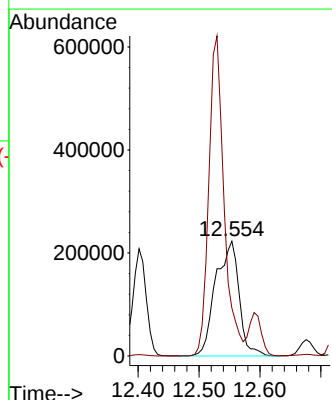
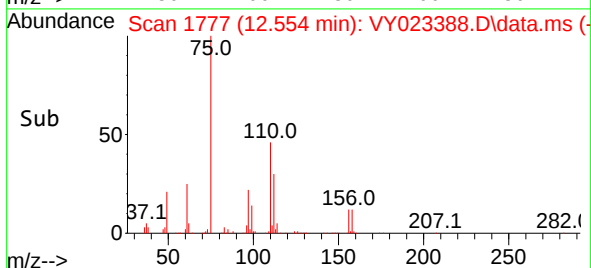
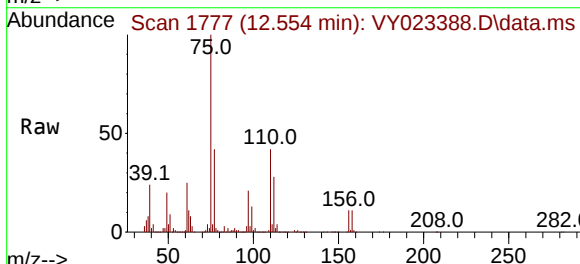
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

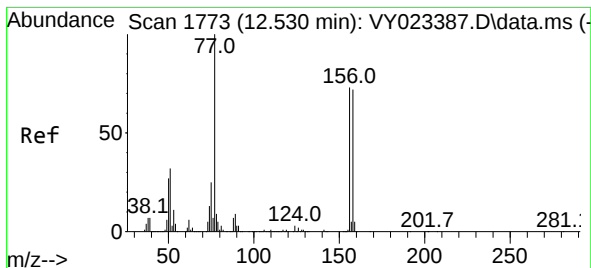
Tgt Ion: 83 Resp: 434720
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.9 17.6
 85 64.9 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 150.456 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023388.D
 Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 594072
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 102.545 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

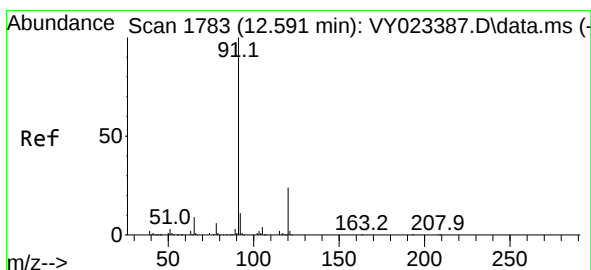
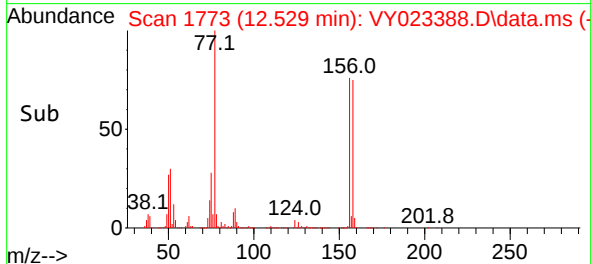
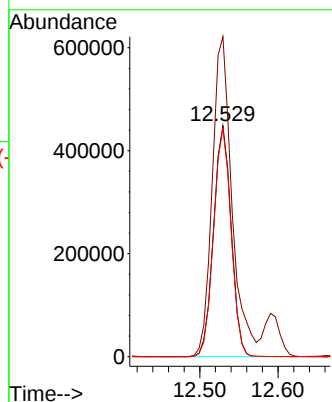
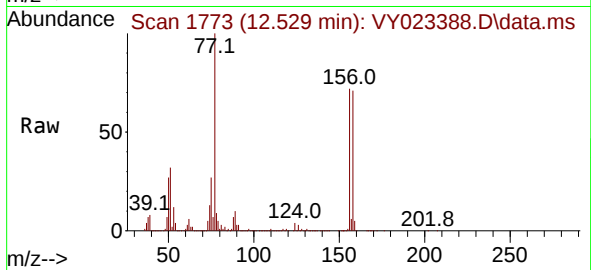
Tgt Ion:156 Resp: 701741

Ion Ratio Lower Upper

156 100

77 154.5 76.8 230.5

158 98.1 49.0 147.2



#78

n-propylbenzene

Concen: 100.958 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023388.D

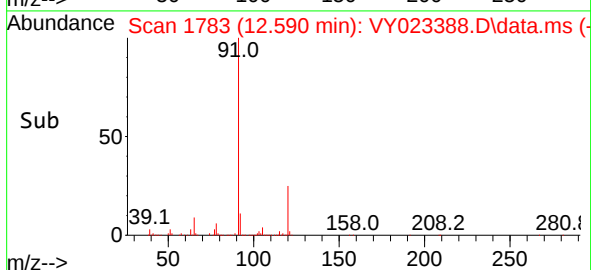
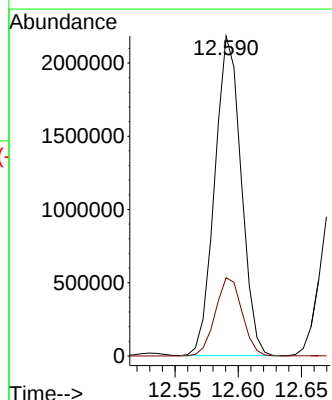
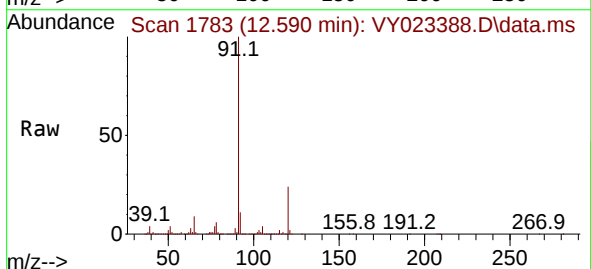
Acq: 07 Oct 2025 12:09

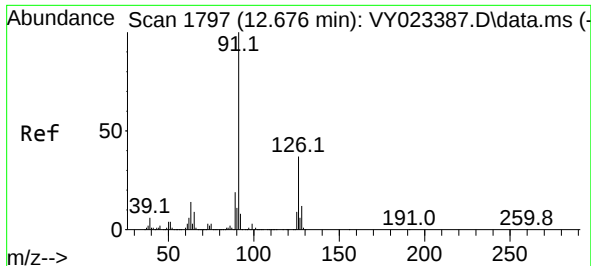
Tgt Ion: 91 Resp: 3165894

Ion Ratio Lower Upper

91 100

120 24.8 12.3 36.8

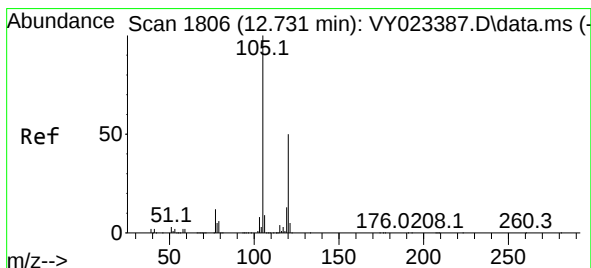
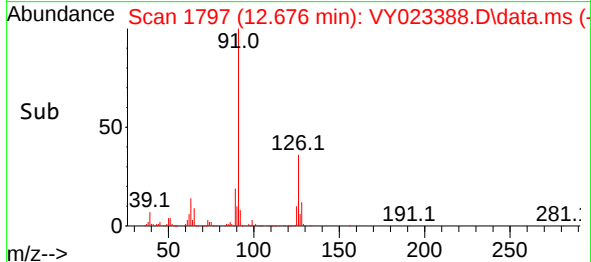
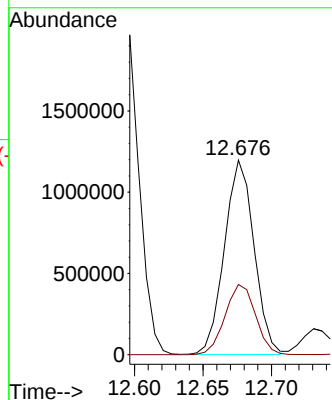
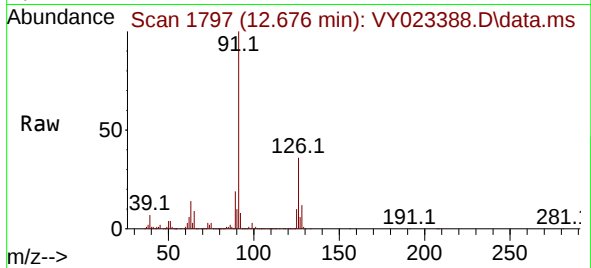




#79
2-Chlorotoluene
Concen: 99.426 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

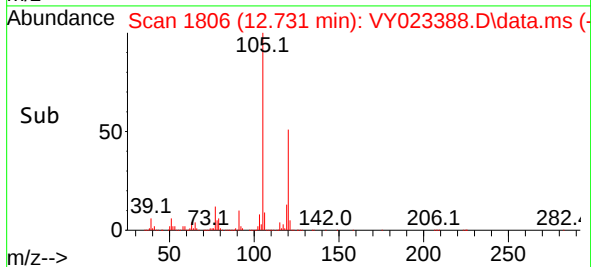
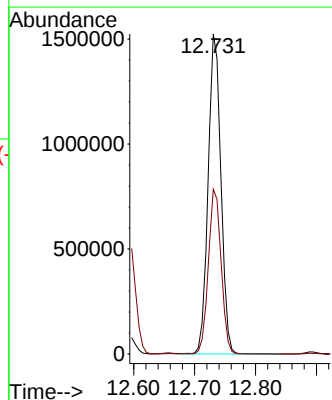
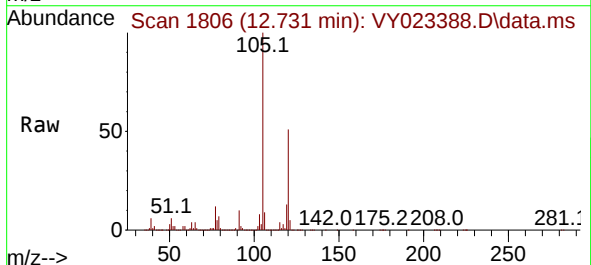
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

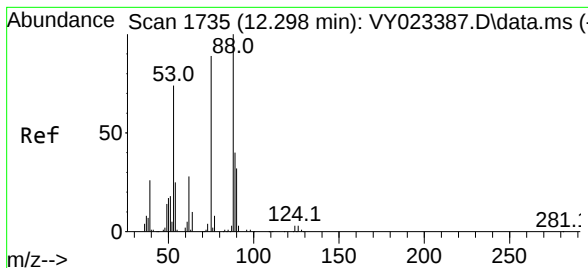
Tgt Ion: 91 Resp: 1800124
Ion Ratio Lower Upper
91 100
126 37.2 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 102.374 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 105 Resp: 2219080
Ion Ratio Lower Upper
105 100
120 51.6 25.4 76.4

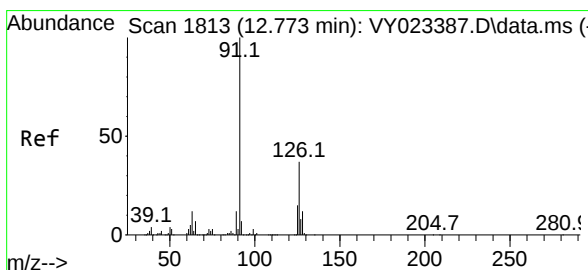
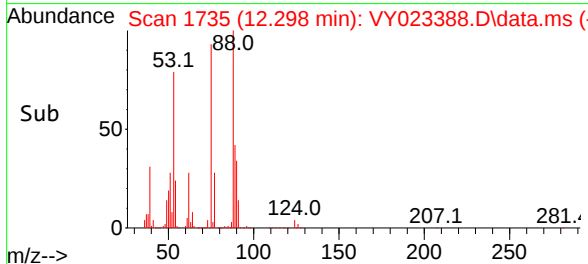
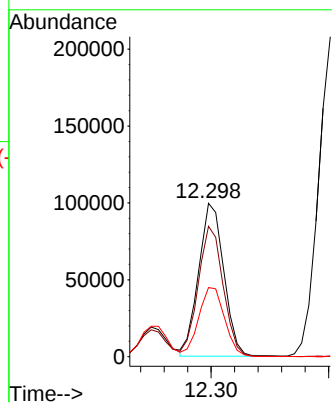
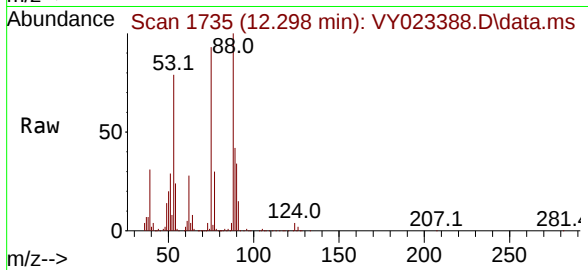




#81
trans-1,4-Dichloro-2-butene
Concen: 101.273 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

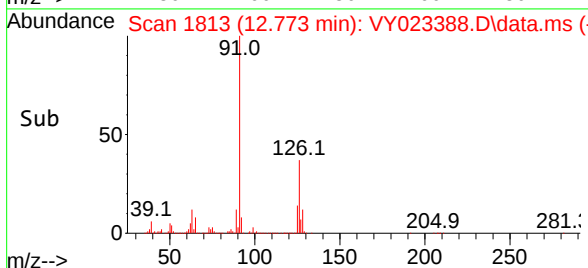
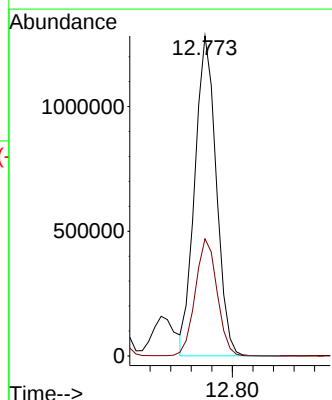
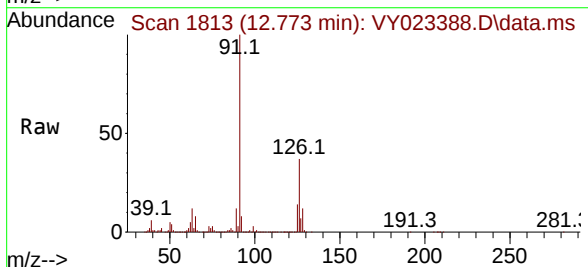
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

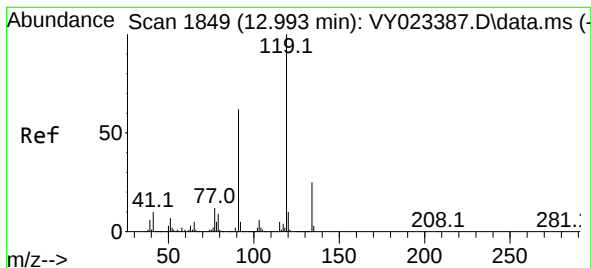
Tgt Ion: 75 Resp: 148302
Ion Ratio Lower Upper
75 100
53 84.5 68.6 102.8
89 46.6 39.0 58.4



#82
4-Chlorotoluene
Concen: 98.060 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 91 Resp: 1854165
Ion Ratio Lower Upper
91 100
126 37.4 18.4 55.4





#83

tert-Butylbenzene

Concen: 102.684 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

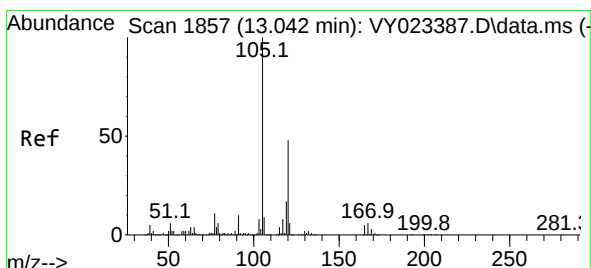
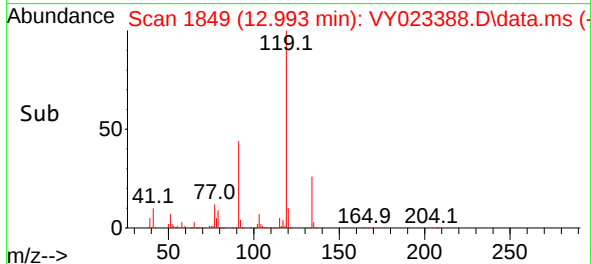
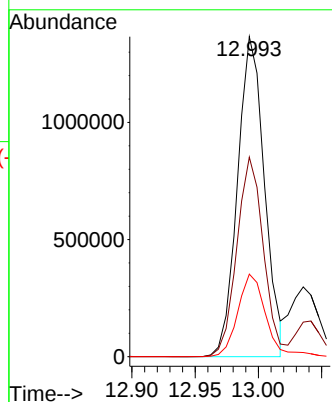
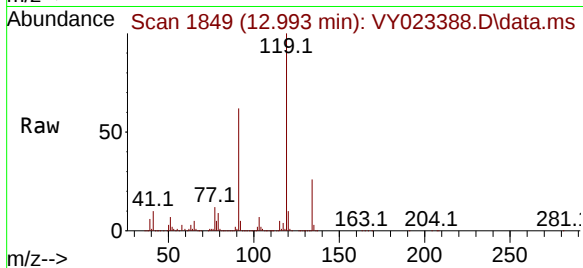
Tgt Ion:119 Resp: 2028198

Ion Ratio Lower Upper

119 100

91 61.9 29.9 89.8

134 26.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 103.853 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023388.D

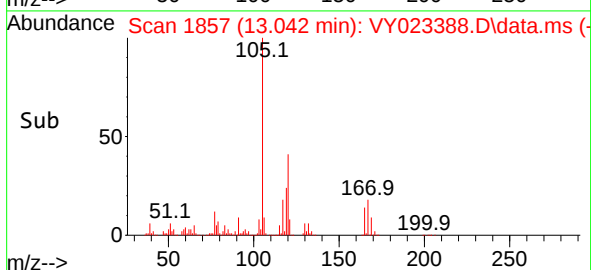
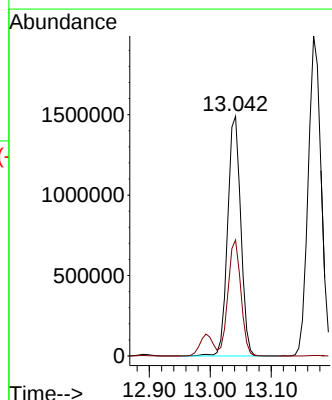
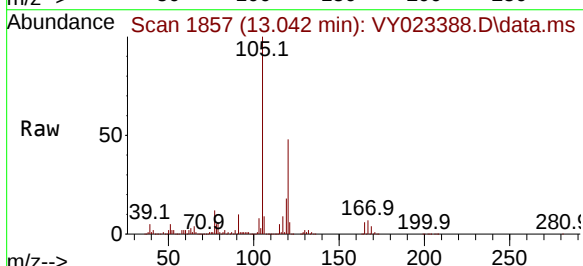
Acq: 07 Oct 2025 12:09

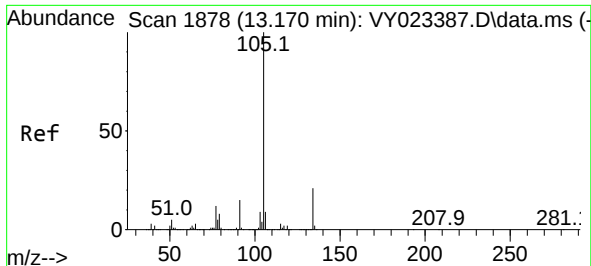
Tgt Ion:105 Resp: 2227197

Ion Ratio Lower Upper

105 100

120 47.4 23.8 71.2

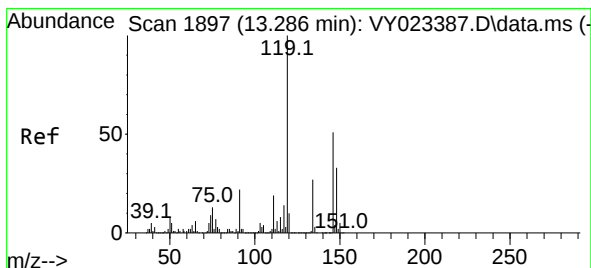
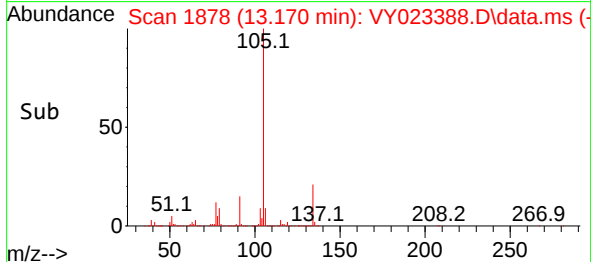
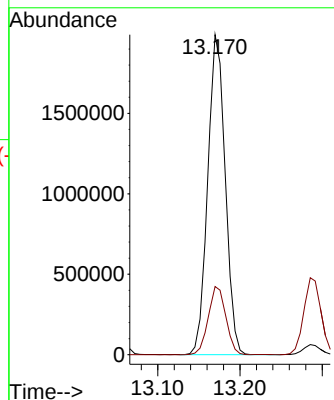
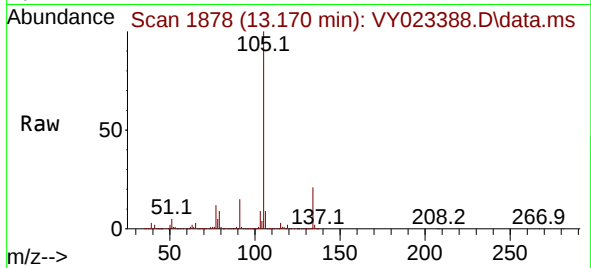




#85
 sec-Butylbenzene
 Concen: 102.530 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VY023388.D
 Acq: 07 Oct 2025 12:09

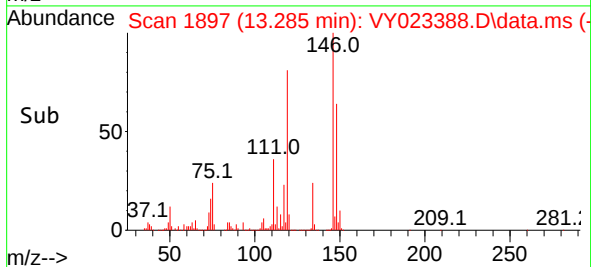
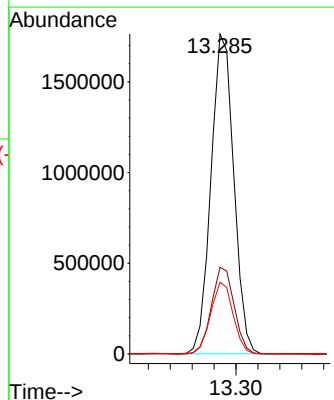
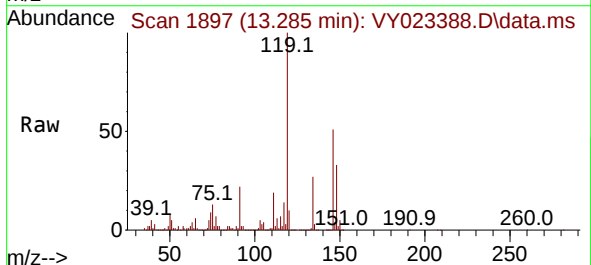
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

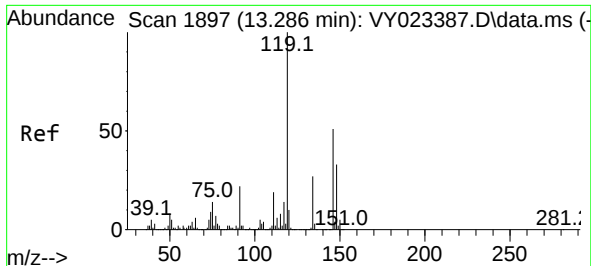
Tgt Ion:105 Resp: 2932949
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 105.408 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY023388.D
 Acq: 07 Oct 2025 12:09

Tgt Ion:119 Resp: 2548220
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 22.1 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 100.735 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

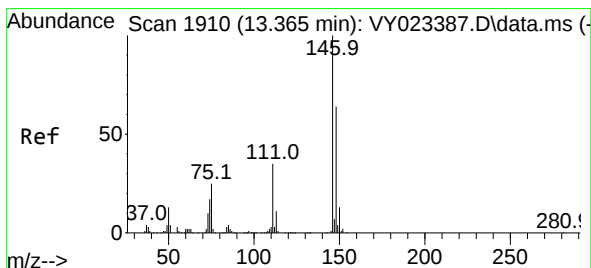
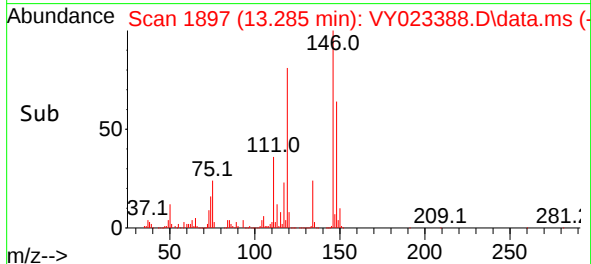
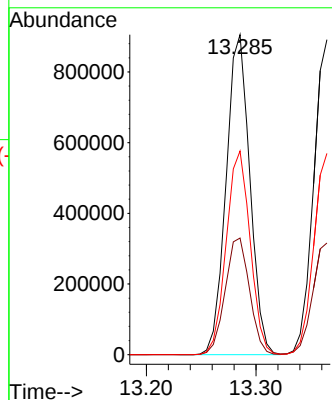
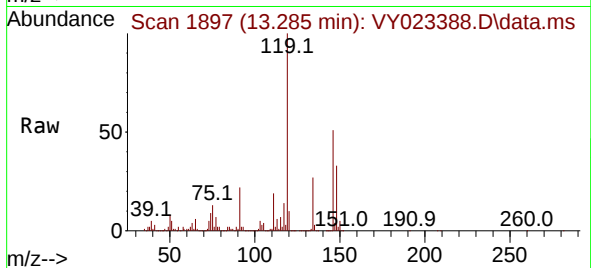
Tgt Ion:146 Resp: 1361716

Ion Ratio Lower Upper

146 100

111 37.4 18.7 56.1

148 64.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 98.734 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

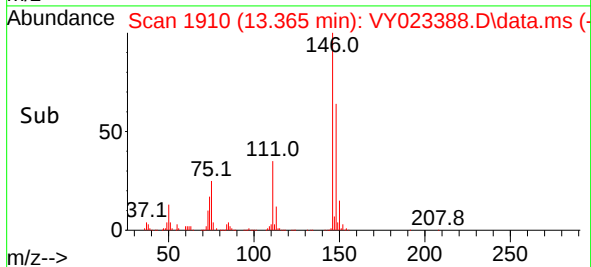
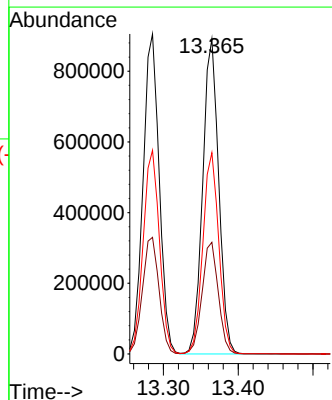
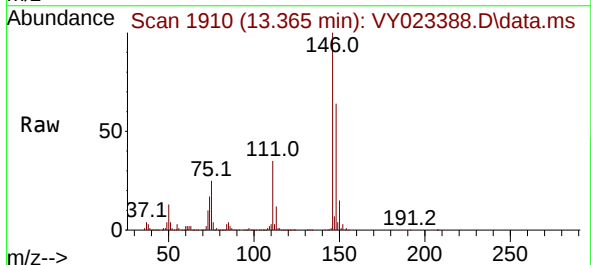
Tgt Ion:146 Resp: 1323618

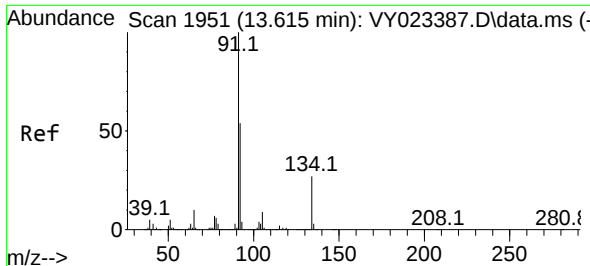
Ion Ratio Lower Upper

146 100

111 36.0 18.0 54.0

148 63.8 31.9 95.7

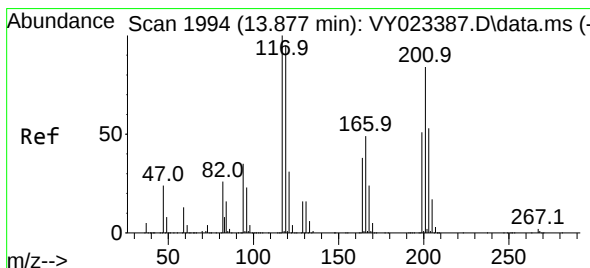
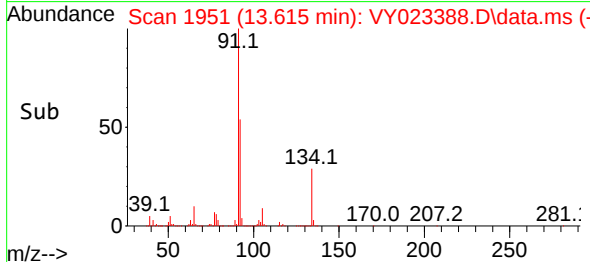
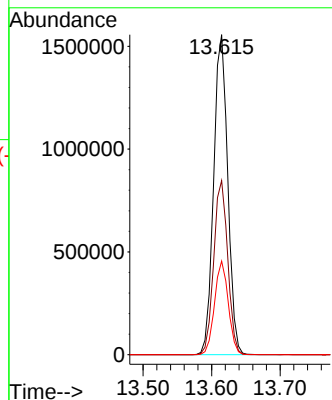
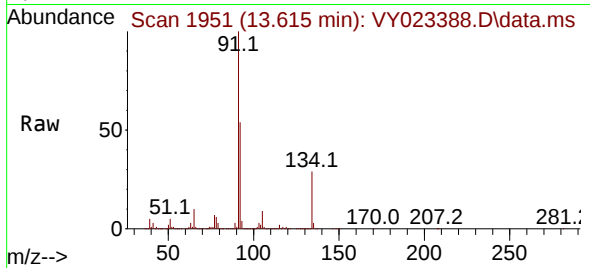




#89
n-Butylbenzene
Concen: 104.174 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

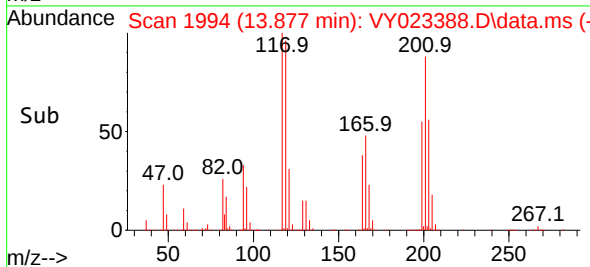
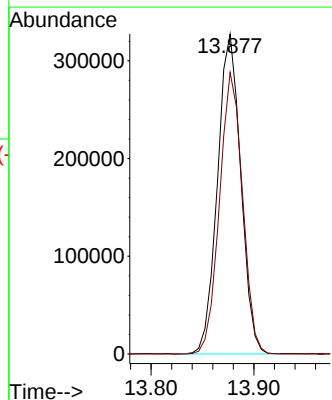
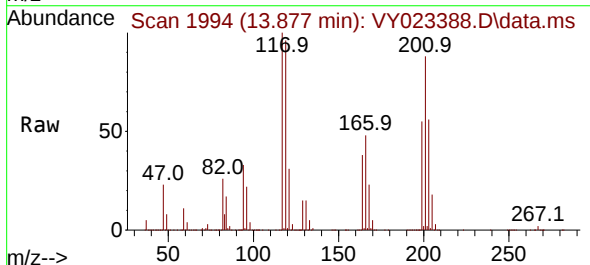
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

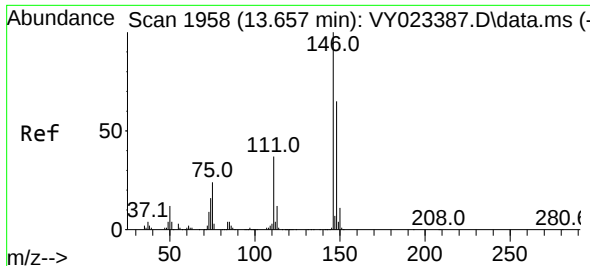
Tgt Ion: 91 Resp: 2223744
Ion Ratio Lower Upper
91 100
92 54.2 27.0 80.8
134 28.6 14.1 42.2



#90
Hexachloroethane
Concen: 98.069 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion: 117 Resp: 514746
Ion Ratio Lower Upper
117 100
201 86.8 43.8 131.4

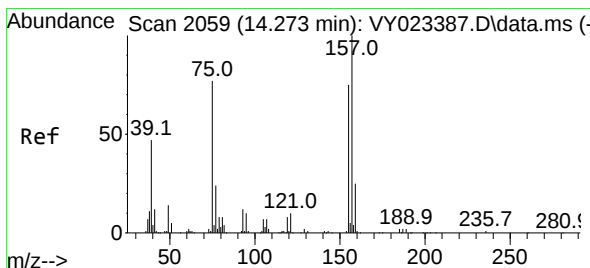
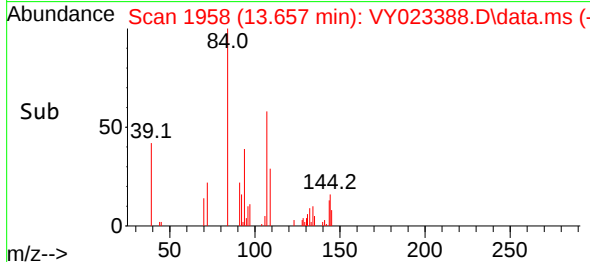
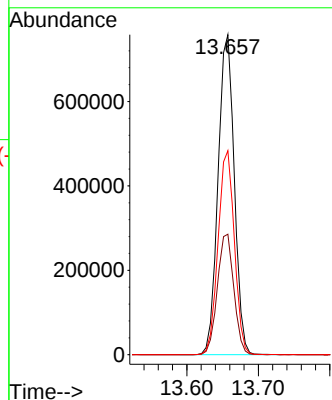
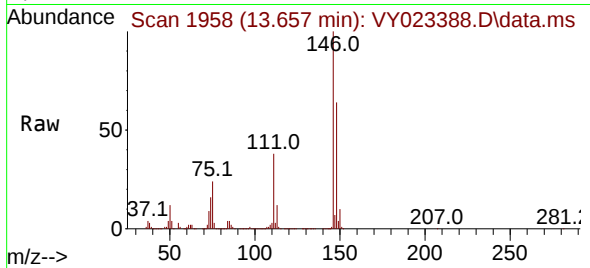




#91
 1,2-Dichlorobenzene
 Concen: 101.146 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY023388.D
 Acq: 07 Oct 2025 12:09

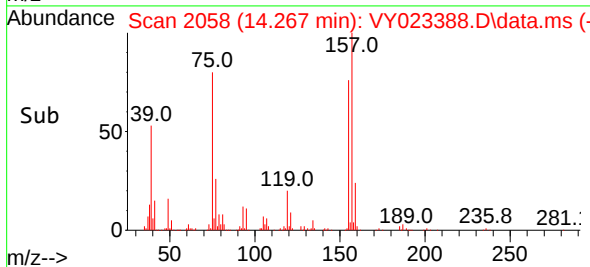
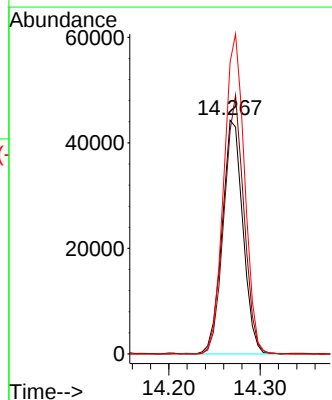
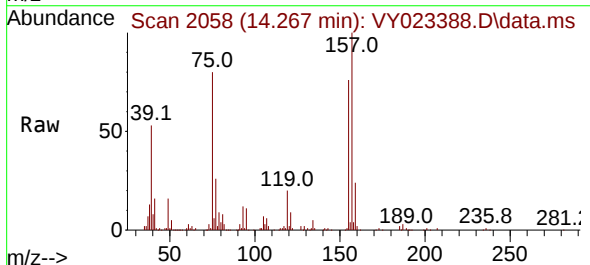
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Tgt Ion:146 Resp: 1193043
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.0 57.0
 148 64.1 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 99.458 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY023388.D
 Acq: 07 Oct 2025 12:09

Tgt Ion: 75 Resp: 70107
 Ion Ratio Lower Upper
 75 100
 155 105.2 50.0 150.0
 157 135.9 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 116.031 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

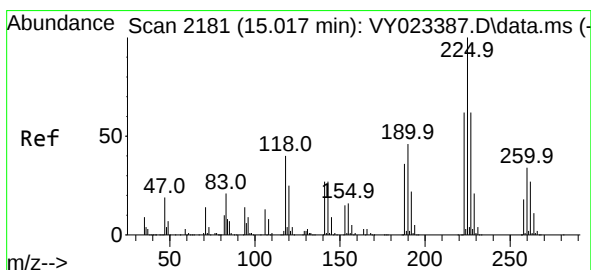
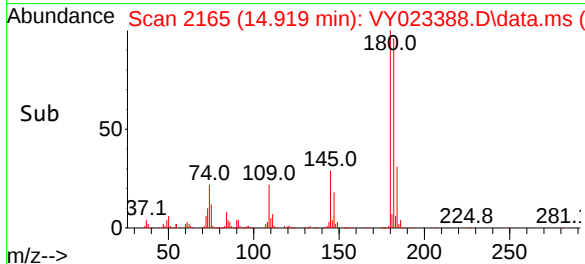
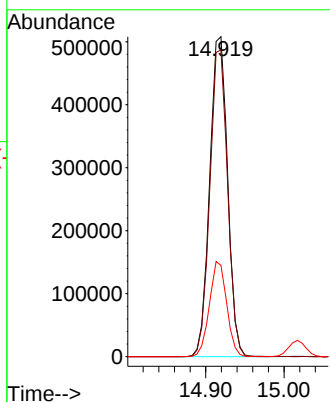
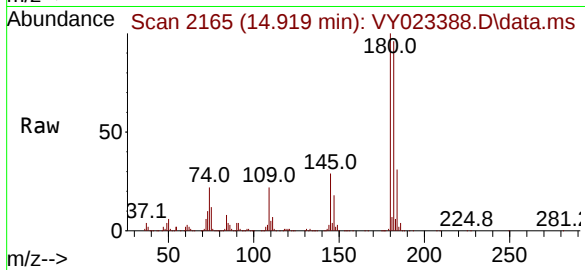
Tgt Ion:180 Resp: 806328

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

145 28.7 14.7 44.1



#94

Hexachlorobutadiene

Concen: 108.557 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY023388.D

Acq: 07 Oct 2025 12:09

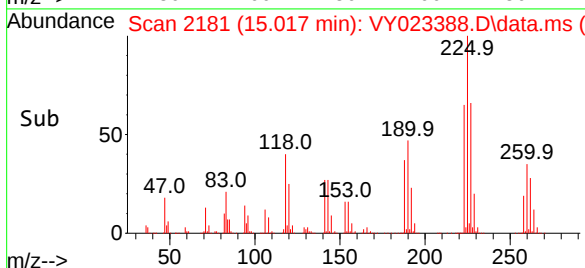
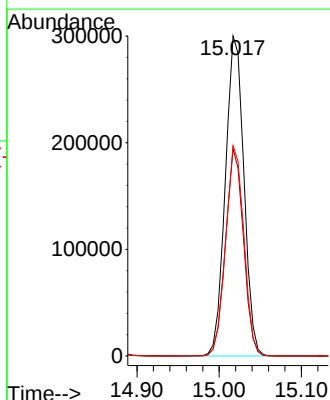
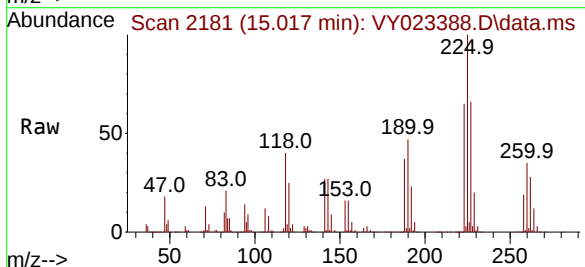
Tgt Ion:225 Resp: 470072

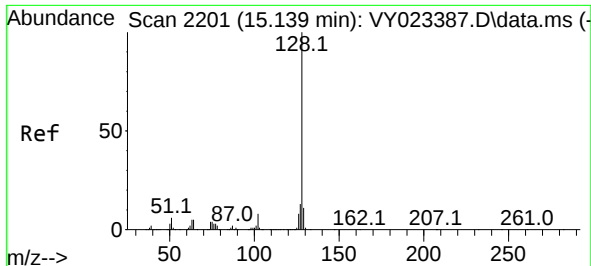
Ion Ratio Lower Upper

225 100

223 62.9 30.8 92.3

227 64.6 31.9 95.7

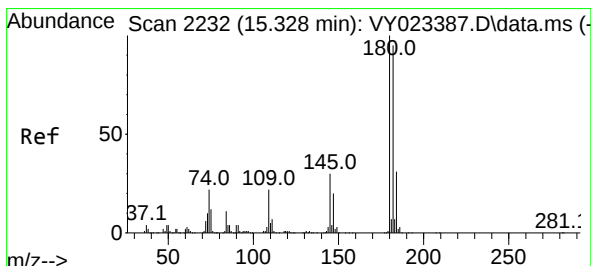
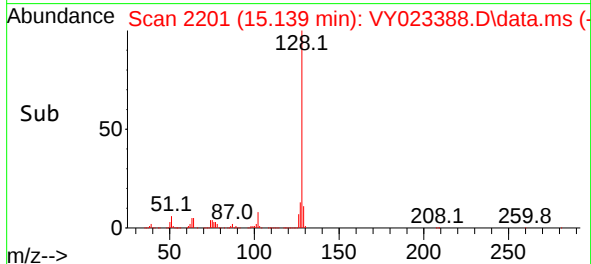
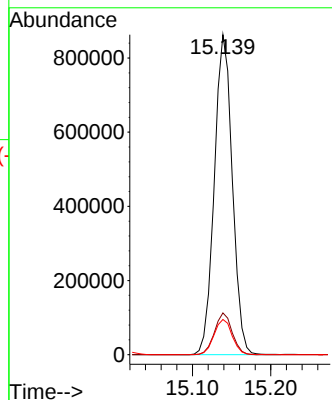
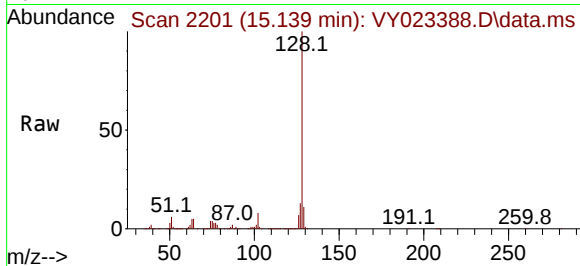




#95
Naphthalene
Concen: 124.485 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1378291
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 115.034 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY023388.D
Acq: 07 Oct 2025 12:09

Tgt Ion:180 Resp: 693477
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.8
145 30.3 15.3 45.9

