

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
 Data File : VY023755.D
 Acq On : 12 Nov 2025 11:27
 Operator : SY/MD
 Sample : VY1112SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

Quant Time: Nov 14 03:36:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	549741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	816418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	694367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	349899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	238840	50.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.860%	
35) Dibromofluoromethane	7.634	113	256341	50.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.480%	
50) Toluene-d8	10.109	98	960728	50.550	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.100%	
62) 4-Bromofluorobenzene	12.402	95	307726	50.067	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	77006	21.339	ug/l	99
3) Chloromethane	2.074	50	97369	19.282	ug/l	96
4) Vinyl Chloride	2.208	62	128988	19.630	ug/l	99
5) Bromomethane	2.592	94	110135	19.925	ug/l	96
6) Chloroethane	2.739	64	88778	19.548	ug/l	99
7) Trichlorofluoromethane	3.062	101	192794	20.832	ug/l	99
8) Diethyl Ether	3.458	74	53590	21.594	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	108244	21.229	ug/l	98
10) Methyl Iodide	4.007	142	117521	19.518	ug/l	98
11) Tert butyl alcohol	4.854	59	36059	119.254	ug/l	99
12) 1,1-Dichloroethene	3.793	96	103569	21.086	ug/l	99
13) Acrolein	3.659	56	36994	95.187	ug/l	98
14) Allyl chloride	4.391	41	127230	21.281	ug/l	97
15) Acrylonitrile	5.067	53	102512	108.087	ug/l	100
16) Acetone	3.873	43	141684	121.551	ug/l	99
17) Carbon Disulfide	4.110	76	313135	20.772	ug/l	99
18) Methyl Acetate	4.391	43	41922	16.305	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	241416	21.197	ug/l	97
20) Methylene Chloride	4.616	84	120421	21.400	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	114377	20.653	ug/l	96
22) Diisopropyl ether	6.025	45	289430	21.727	ug/l	96
23) Vinyl Acetate	5.964	43	803469	113.022	ug/l	97
24) 1,1-Dichloroethane	5.921	63	182684	20.585	ug/l	98
25) 2-Butanone	6.896	43	157019	116.510	ug/l	100
26) 2,2-Dichloropropane	6.890	77	174264	21.347	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	130664	20.658	ug/l	98
28) Bromochloromethane	7.250	49	71233	20.963	ug/l	100
29) Tetrahydrofuran	7.262	42	78052	108.748	ug/l	97
30) Chloroform	7.421	83	202312	20.432	ug/l	99
31) Cyclohexane	7.707	56	164424	21.275	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	186759	21.103	ug/l	99
36) 1,1-Dichloropropene	7.841	75	141845	20.805	ug/l	99
37) Ethyl Acetate	6.982	43	57256	21.694	ug/l	98
38) Carbon Tetrachloride	7.823	117	169607	21.114	ug/l	98
39) Methylcyclohexane	9.109	83	179638	20.621	ug/l	96
40) Benzene	8.085	78	446990	20.800	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	24465	16.982	ug/l #	80
42) 1,2-Dichloroethane	8.158	62	114100	20.986	ug/l	99
43) Isopropyl Acetate	8.201	43	105238	21.222	ug/l	99
44) Trichloroethene	8.866	130	127006	20.577	ug/l	99
45) 1,2-Dichloropropane	9.140	63	96335	20.312	ug/l	99
46) Dibromomethane	9.231	93	60762	20.677	ug/l	100
47) Bromodichloromethane	9.420	83	153250	20.684	ug/l	96
48) Methyl methacrylate	9.225	41	47611	20.321	ug/l	97
49) 1,4-Dioxane	9.231	88	13008	432.531	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	287798	109.130	ug/l	98
52) Toluene	10.170	92	284485	20.735	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	131005	20.897	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	158694	21.128	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	81422	20.733	ug/l	96
56) Ethyl methacrylate	10.438	69	90516	20.919	ug/l	99
57) 1,3-Dichloropropane	10.719	76	127409	20.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	207410	104.459	ug/l	100
59) 2-Hexanone	10.762	43	219985	114.336	ug/l	99
60) Dibromochloromethane	10.914	129	110883	20.549	ug/l	99
61) 1,2-Dibromoethane	11.018	107	74553	20.228	ug/l	99
64) Tetrachloroethene	10.646	164	151096	20.906	ug/l	98
65) Chlorobenzene	11.438	112	313170	20.717	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	110058	20.590	ug/l	98
67) Ethyl Benzene	11.518	91	516183	21.099	ug/l	97
68) m/p-Xylenes	11.627	106	411561	42.104	ug/l	99
69) o-Xylene	11.956	106	188964	20.913	ug/l	99
70) Styrene	11.969	104	313157	21.005	ug/l	99
71) Bromoform	12.133	173	65706	21.047	ug/l #	98
73) Isopropylbenzene	12.255	105	491524	21.004	ug/l	99
74) N-amyl acetate	12.072	43	85724	21.636	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	79468	21.262	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	107159	37.842	ug/l #	100
77) Bromobenzene	12.530	156	127328	20.976	ug/l	98
78) n-propylbenzene	12.591	91	584545	21.236	ug/l	99
79) 2-Chlorotoluene	12.676	91	335651	21.013	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	405620	21.333	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	25025	19.972	ug/l	93
82) 4-Chlorotoluene	12.780	91	348395	21.149	ug/l	99
83) tert-Butylbenzene	12.993	119	359841	20.779	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	398224	21.146	ug/l	100
85) sec-Butylbenzene	13.176	105	526022	21.060	ug/l	100
86) p-Isopropyltoluene	13.292	119	442600	20.932	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	243286	20.363	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	243795	20.773	ug/l	99
89) n-Butylbenzene	13.615	91	376156	20.458	ug/l	100
90) Hexachloroethane	13.877	117	90369	19.888	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	214583	20.841	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11936	20.741	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	118044	20.044	ug/l	100
94) Hexachlorobutadiene	15.023	225	77214	20.010	ug/l	98
95) Naphthalene	15.145	128	177293	20.669	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	101369	20.601	ug/l	99

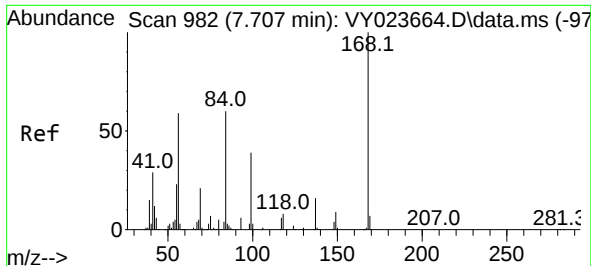
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
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Response via : Initial Calibration

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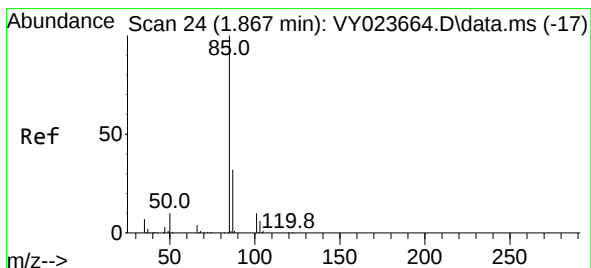
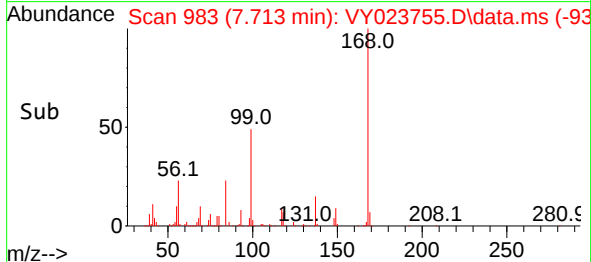
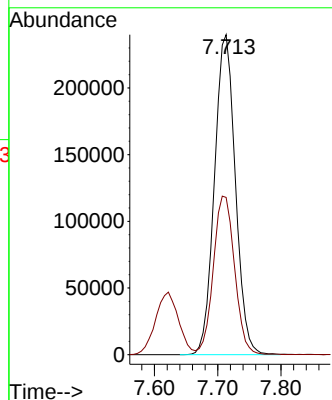
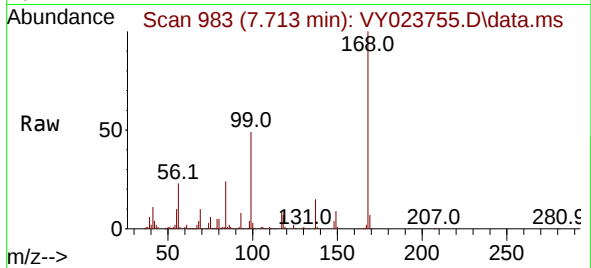
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

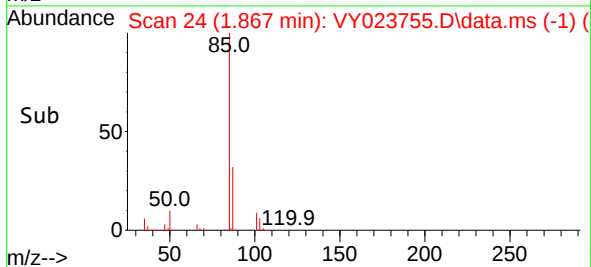
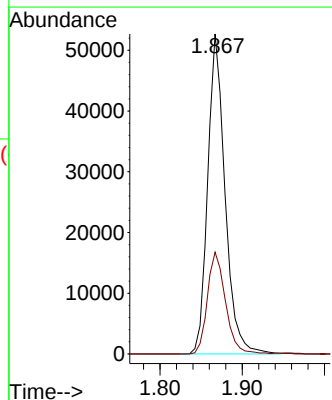
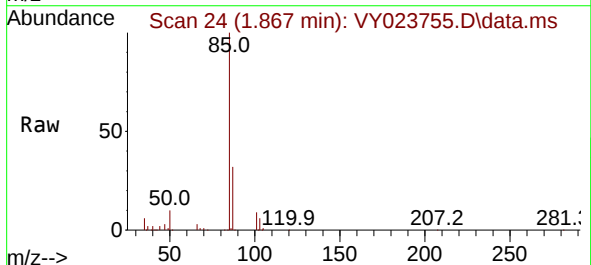
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

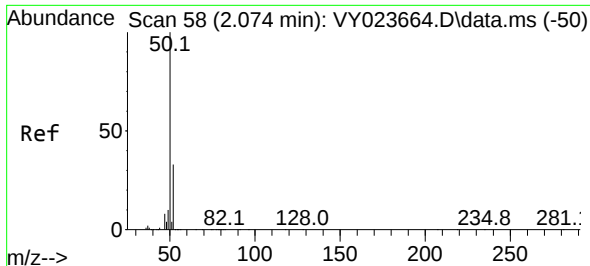
Tgt Ion:168 Resp: 549741
Ion Ratio Lower Upper
168 100
99 49.0 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 21.339 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 85 Resp: 77006
Ion Ratio Lower Upper
85 100
87 31.8 16.2 48.6

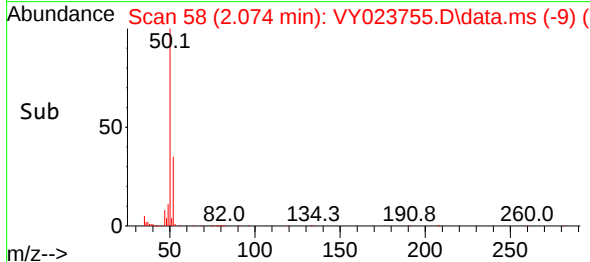
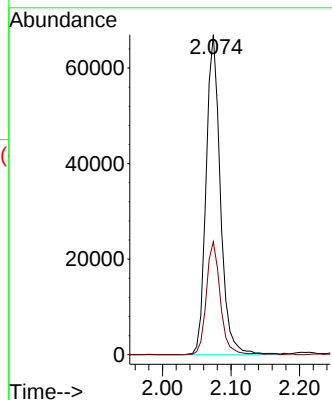
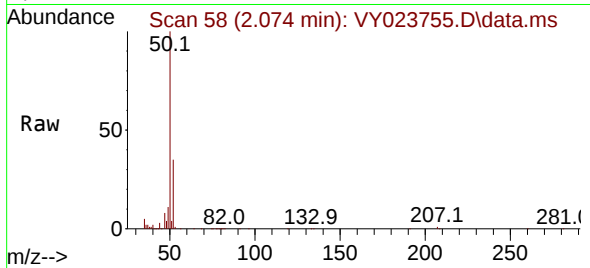




#3
Chloromethane
Concen: 19.282 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

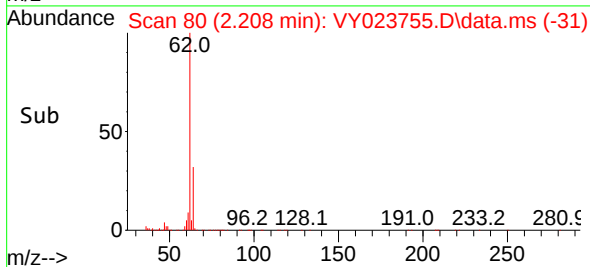
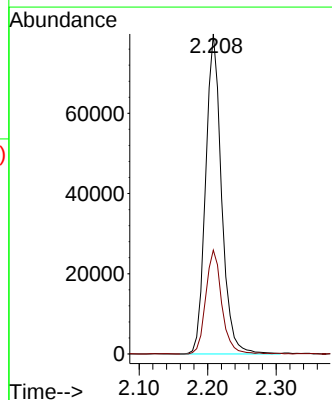
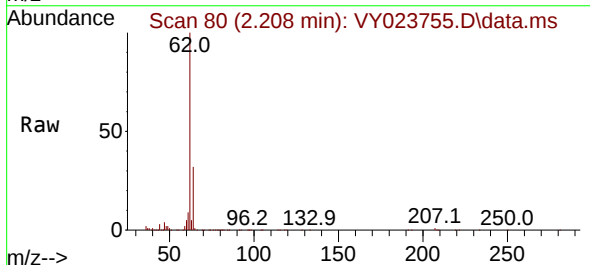
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MSVOA_Y
ClientSampleId :
VY1112SBSD01

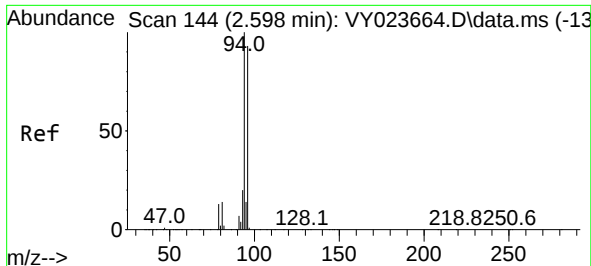
Tgt Ion: 50 Resp: 97369
Ion Ratio Lower Upper
50 100
52 35.3 26.5 39.7



#4
Vinyl Chloride
Concen: 19.630 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 62 Resp: 128988
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5

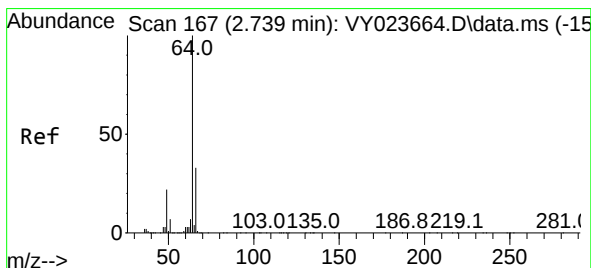
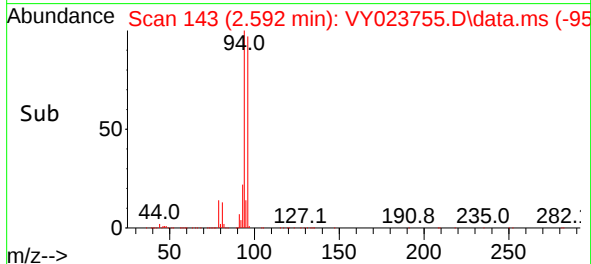
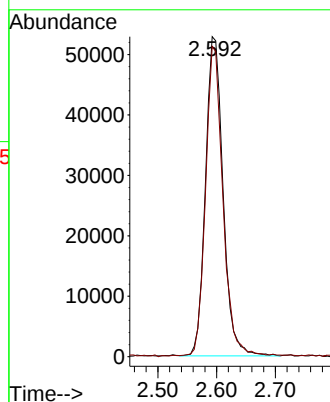
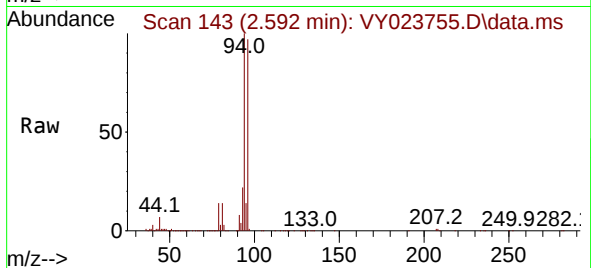




#5
Bromomethane
Concen: 19.925 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

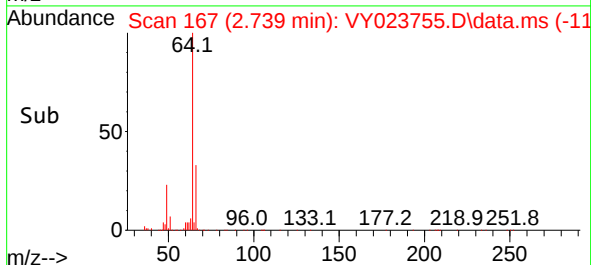
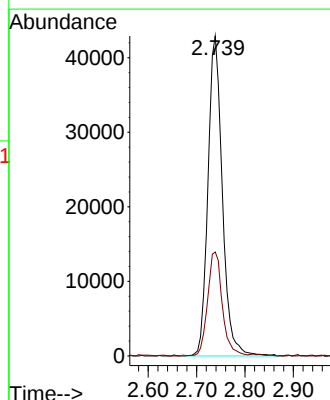
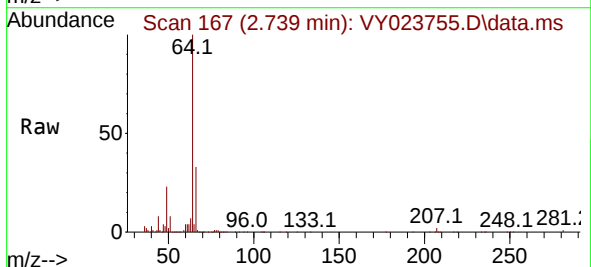
Instrument :
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ClientSampleId :
VY1112SBSD01

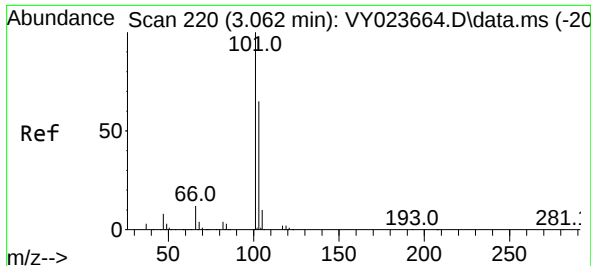
Tgt Ion: 94 Resp: 110135
Ion Ratio Lower Upper
94 100
96 96.8 74.4 111.6



#6
Chloroethane
Concen: 19.548 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 64 Resp: 88778
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4

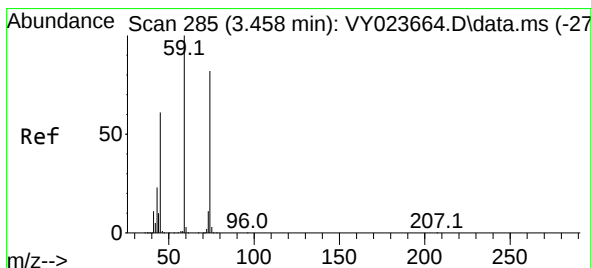
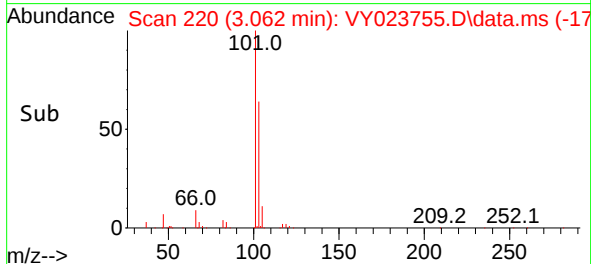
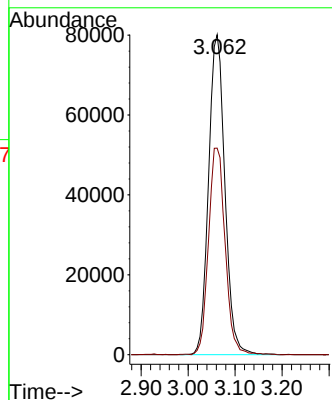
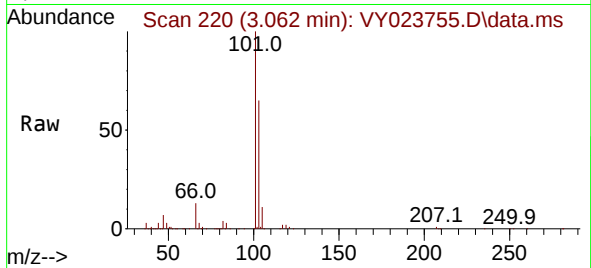




#7
 Trichlorofluoromethane
 Concen: 20.832 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023755.D
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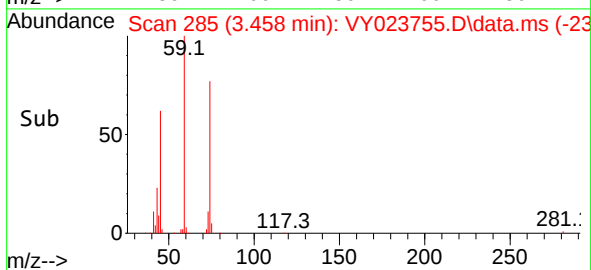
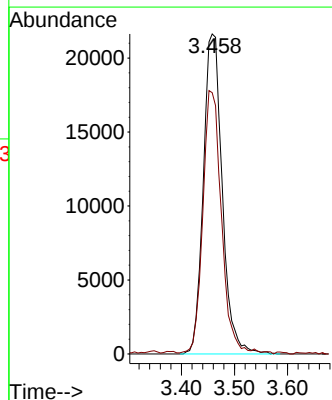
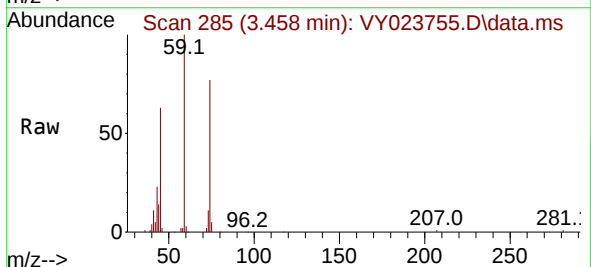
Instrument :
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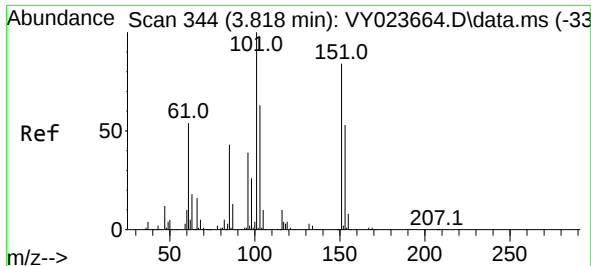
Tgt Ion:101 Resp: 192794
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.1 78.1



#8
 Diethyl Ether
 Concen: 21.594 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY023755.D
 Acq: 12 Nov 2025 11:27

Tgt Ion: 74 Resp: 53590
 Ion Ratio Lower Upper
 74 100
 45 79.6 40.6 121.7

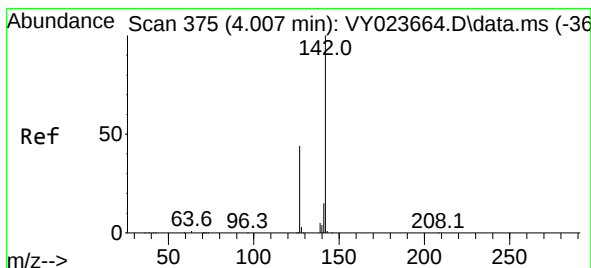
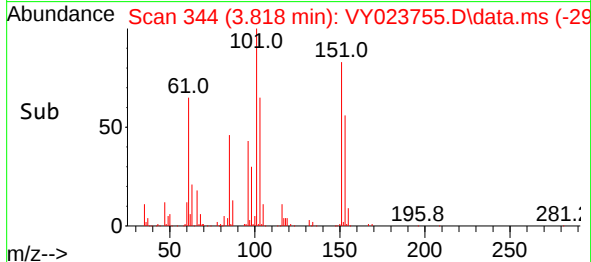
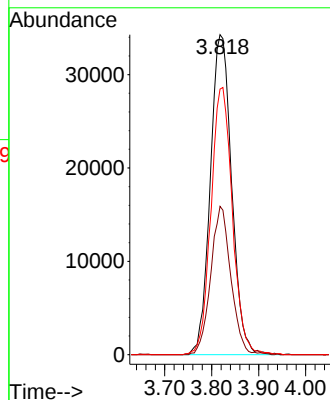
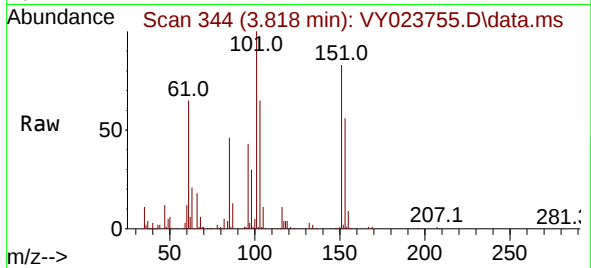




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.229 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023755.D
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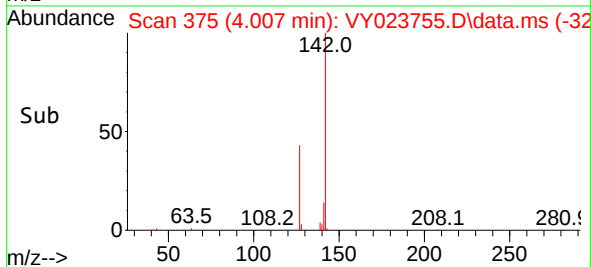
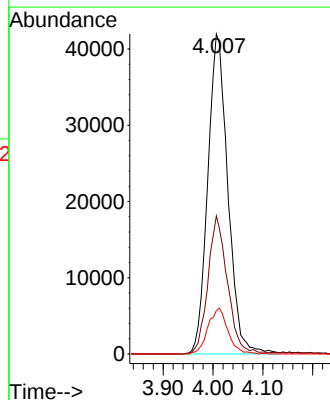
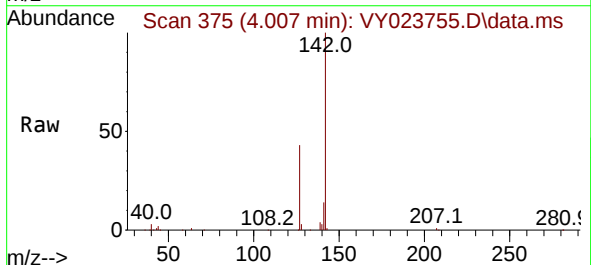
Instrument :
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ClientSampleId :
VY1112SBS01

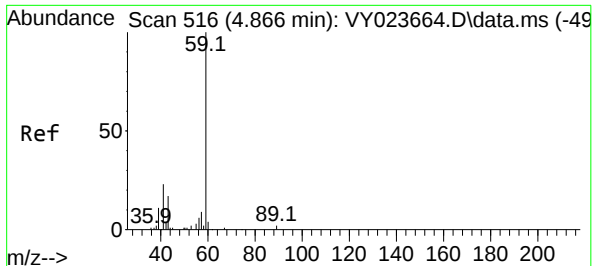
Tgt Ion:101 Resp: 108244
Ion Ratio Lower Upper
101 100
85 43.8 34.4 51.6
151 83.9 65.6 98.4



#10
Methyl Iodide
Concen: 19.518 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion:142 Resp: 117521
Ion Ratio Lower Upper
142 100
127 42.0 34.6 51.8
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 119.254 ug/l

RT: 4.854 min Scan# 516

Delta R.T. -0.012 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

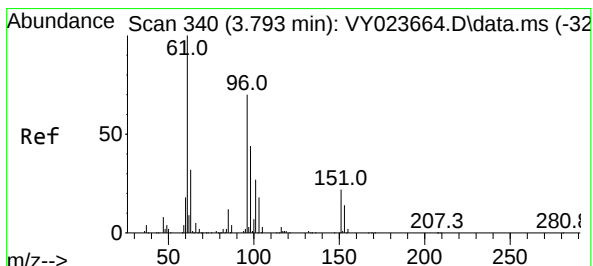
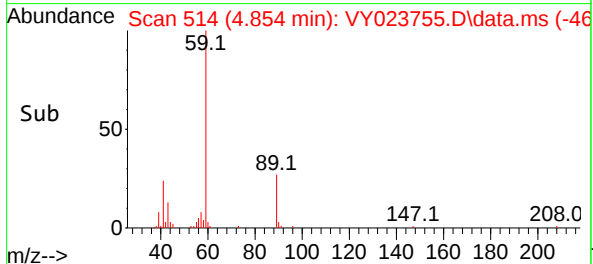
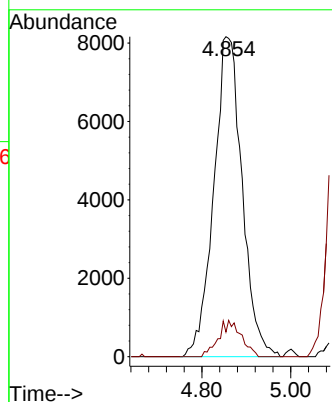
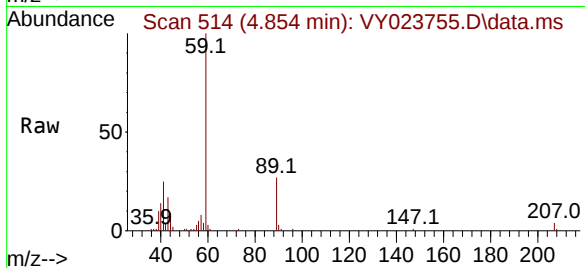
VY1112SBS01

Tgt Ion: 59 Resp: 36059

Ion Ratio Lower Upper

59 100

57 9.0 7.4 11.2



#12

1,1-Dichloroethene

Concen: 21.086 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

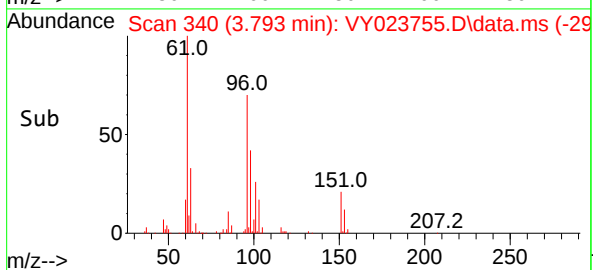
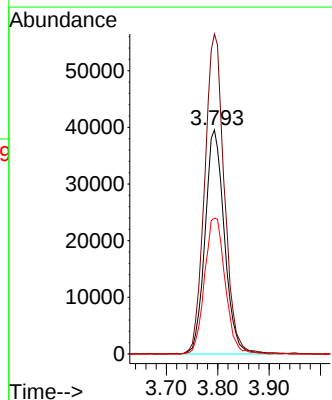
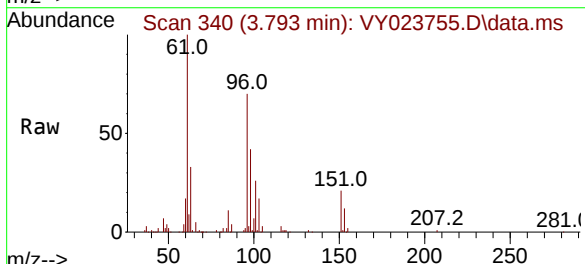
Tgt Ion: 96 Resp: 103569

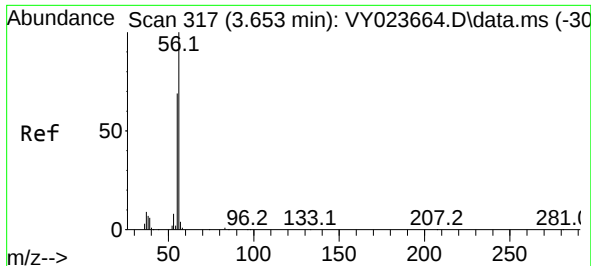
Ion Ratio Lower Upper

96 100

61 142.7 114.0 171.0

98 60.6 50.2 75.2

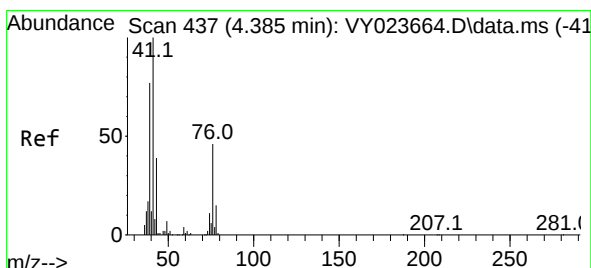
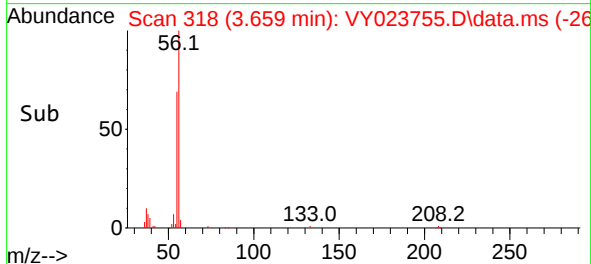
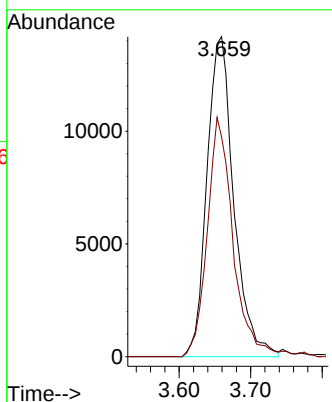
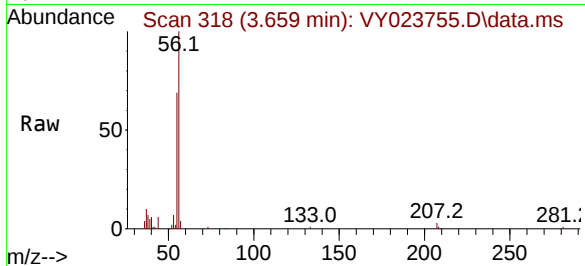




#13
Acrolein
Concen: 95.187 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

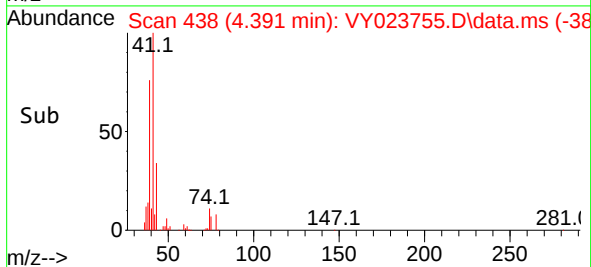
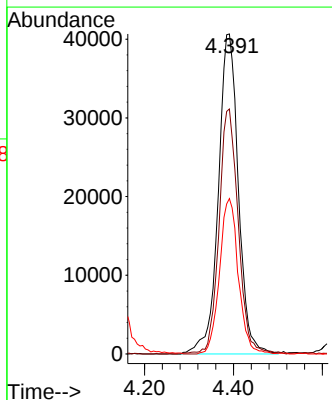
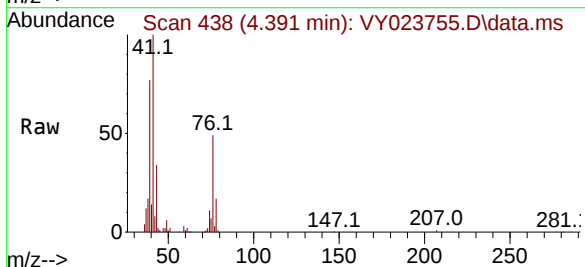
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

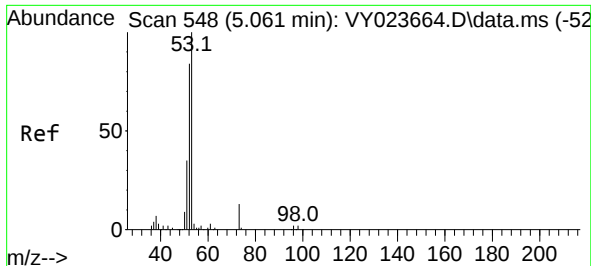
Tgt Ion: 56 Resp: 36994
Ion Ratio Lower Upper
56 100
55 72.0 56.6 84.8



#14
Allyl chloride
Concen: 21.281 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 41 Resp: 127230
Ion Ratio Lower Upper
41 100
39 73.2 60.4 90.6
76 45.4 38.0 57.0

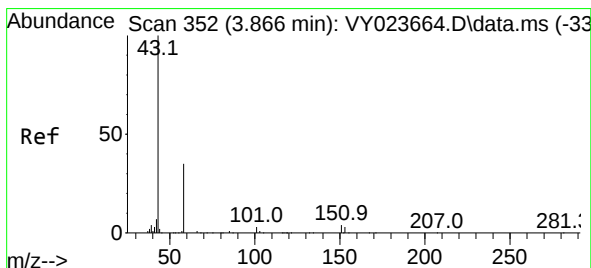
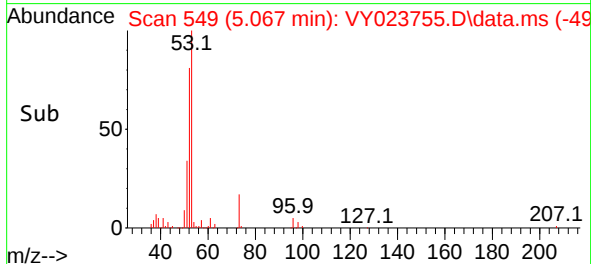
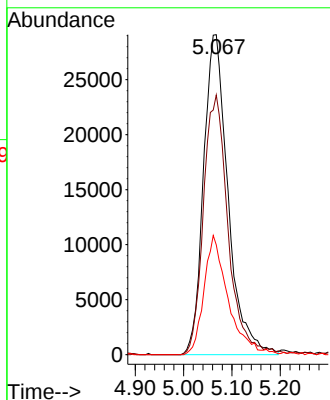
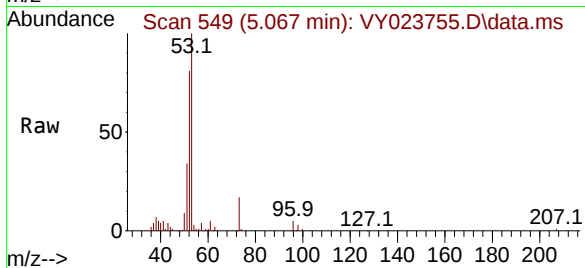




#15
Acrylonitrile
Concen: 108.087 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

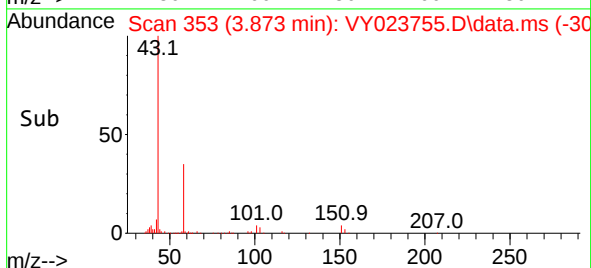
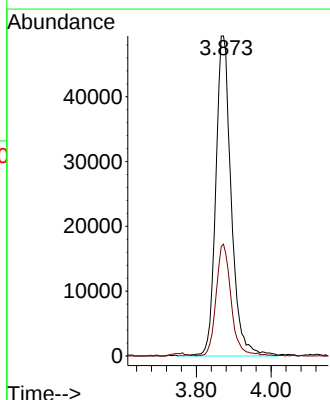
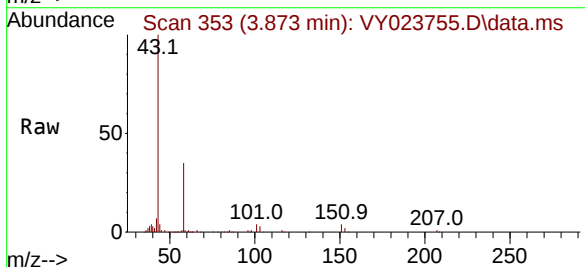
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

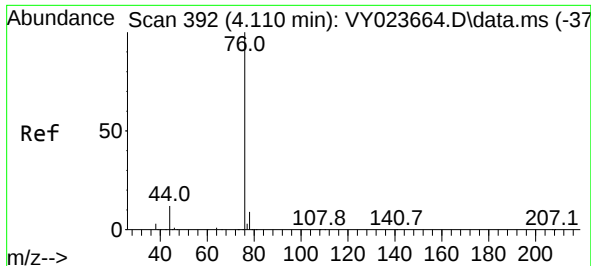
Tgt Ion: 53 Resp: 102512
Ion Ratio Lower Upper
53 100
52 81.6 64.9 97.3
51 36.7 29.4 44.0



#16
Acetone
Concen: 121.551 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 43 Resp: 141684
Ion Ratio Lower Upper
43 100
58 34.8 28.2 42.4

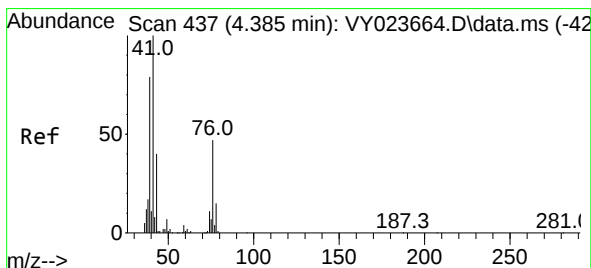
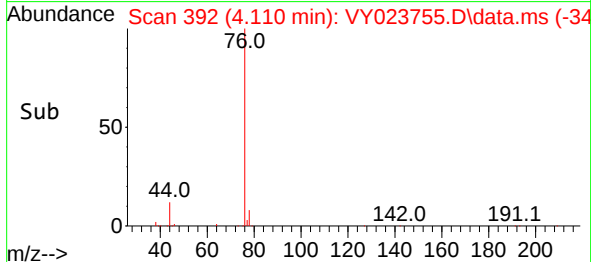
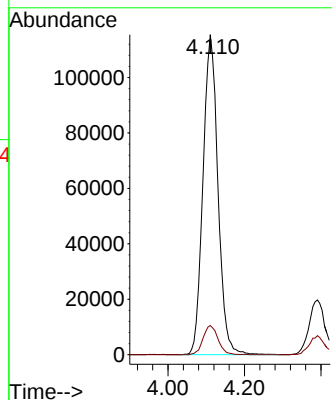
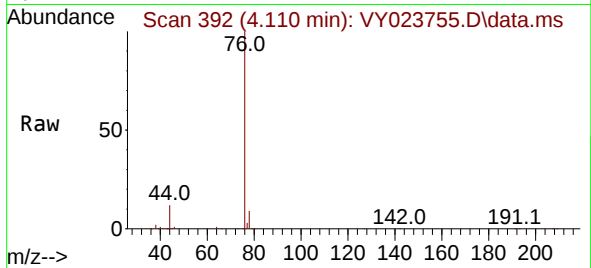




#17
Carbon Disulfide
Concen: 20.772 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

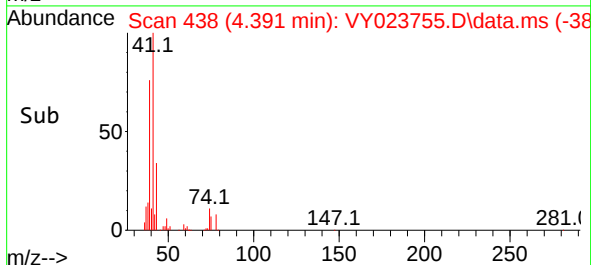
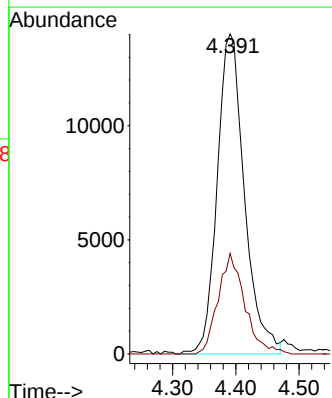
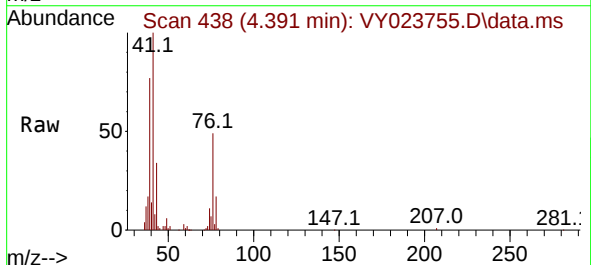
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

Tgt Ion: 76 Resp: 313135
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 16.305 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 43 Resp: 41922
Ion Ratio Lower Upper
43 100
74 30.7 22.5 33.7

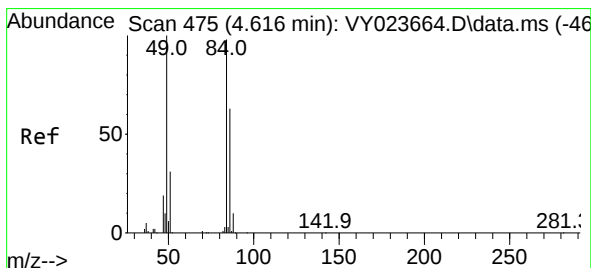
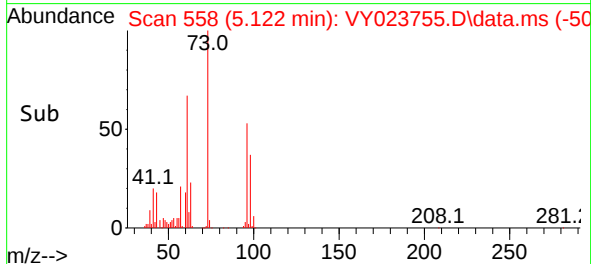
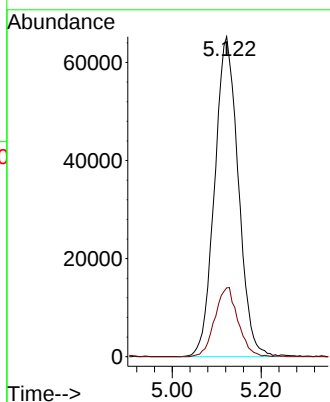
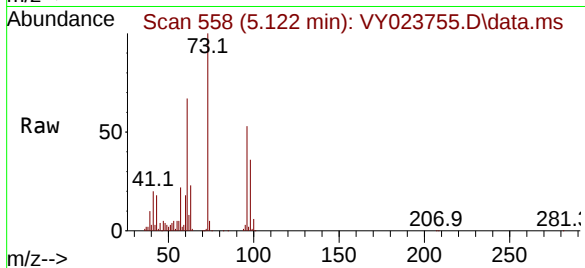




#19
Methyl tert-butyl Ether
Concen: 21.197 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

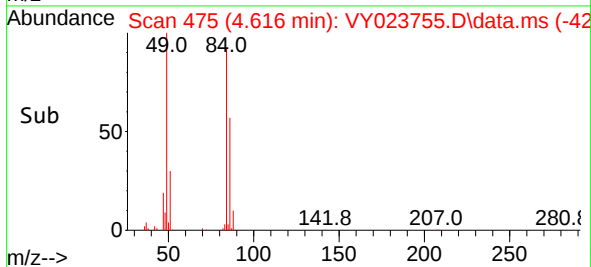
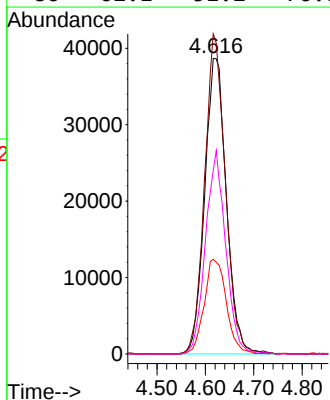
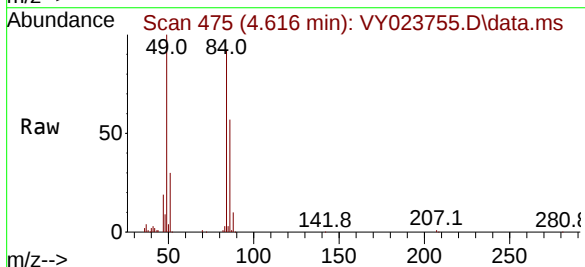
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

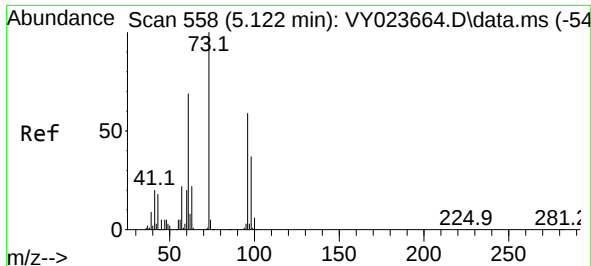
Tgt Ion: 73 Resp: 241416
Ion Ratio Lower Upper
73 100
57 21.5 16.1 24.1



#20
Methylene Chloride
Concen: 21.400 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 84 Resp: 120421
Ion Ratio Lower Upper
84 100
49 108.3 81.5 122.3
51 32.0 25.5 38.3
86 62.1 51.2 76.8

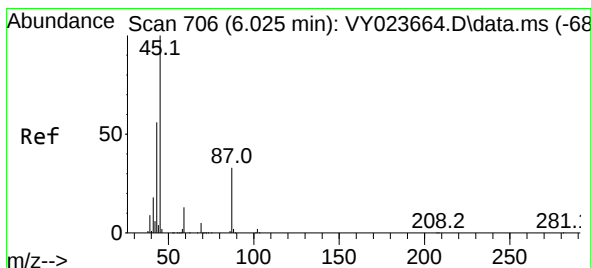
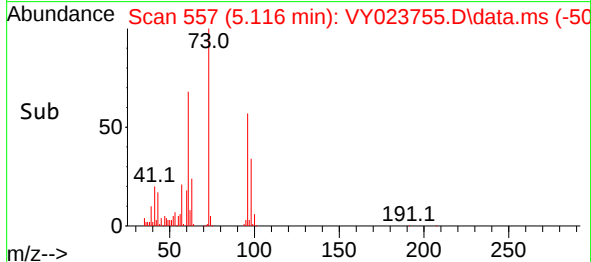
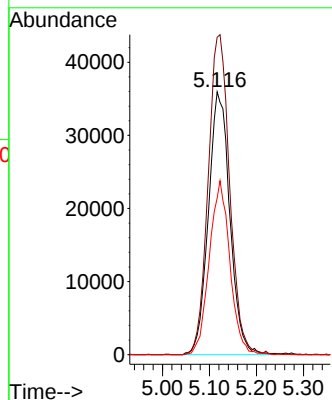
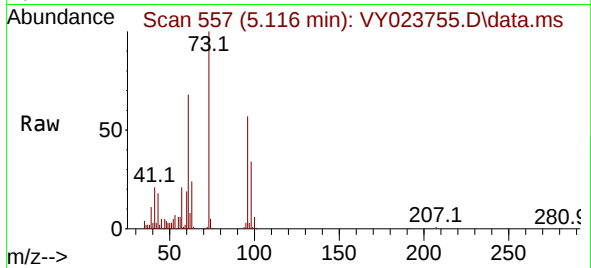




#21
trans-1,2-Dichloroethene
Concen: 20.653 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

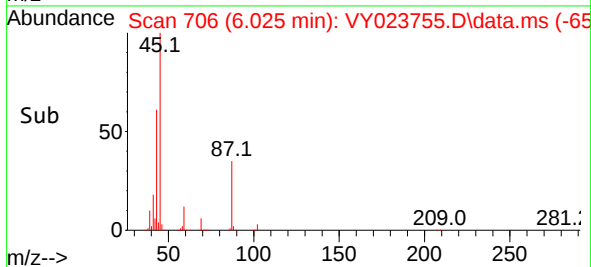
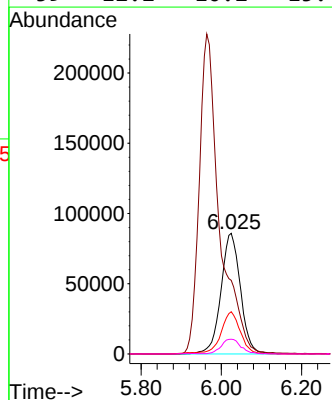
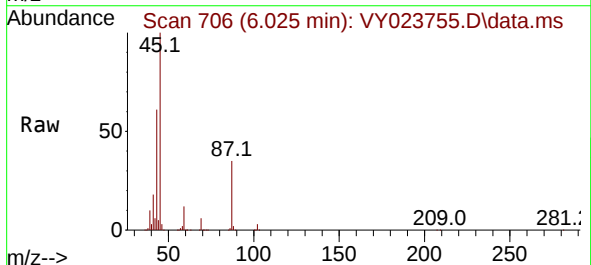
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

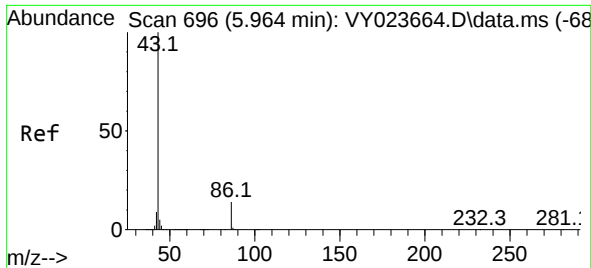
Tgt Ion: 96 Resp: 114377
Ion Ratio Lower Upper
96 100
61 120.7 93.3 139.9
98 59.6 50.6 75.8



#22
Diisopropyl ether
Concen: 21.727 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 45 Resp: 289430
Ion Ratio Lower Upper
45 100
43 60.9 44.7 67.1
87 35.0 27.2 40.8
59 12.2 10.2 15.4

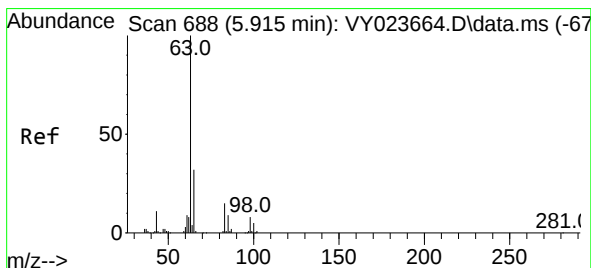
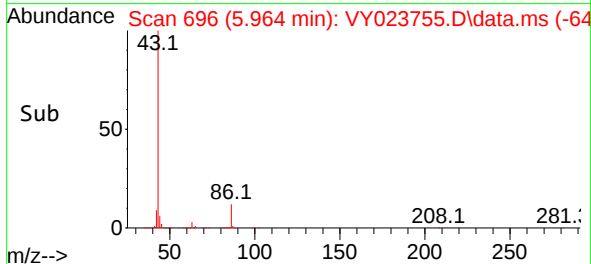
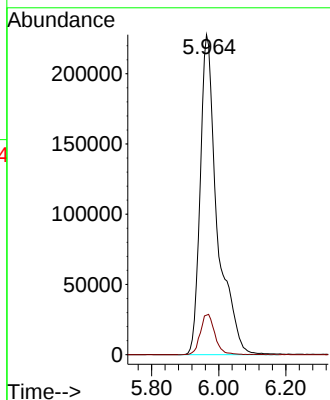
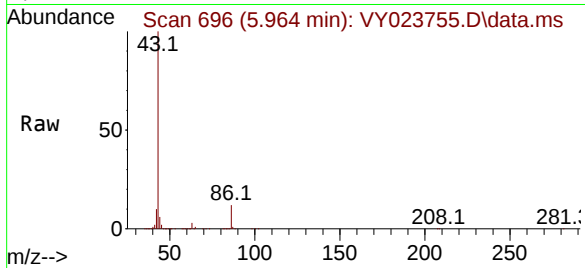




#23
 Vinyl Acetate
 Concen: 113.022 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023755.D
 Acq: 12 Nov 2025 11:27

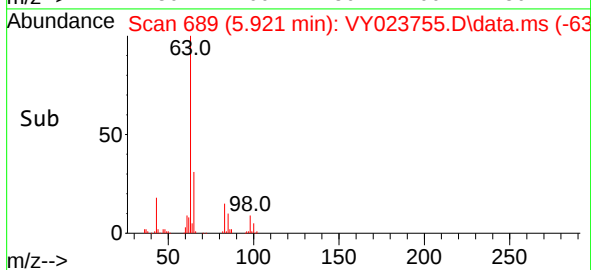
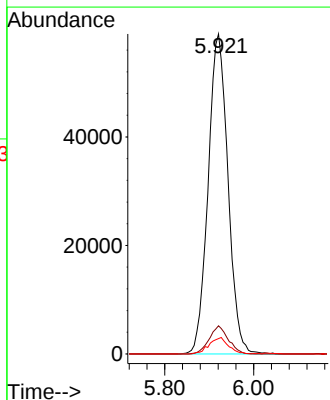
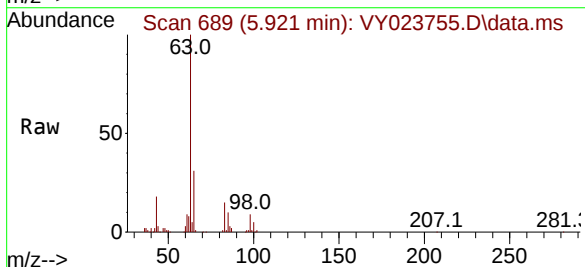
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBSD01

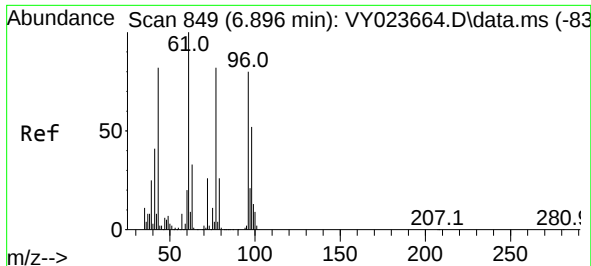
Tgt Ion: 43 Resp: 803469
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 20.585 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023755.D
 Acq: 12 Nov 2025 11:27

Tgt Ion: 63 Resp: 182684
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.0 11.9
 100 4.8 2.6 7.8





#25

2-Butanone

Concen: 116.510 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

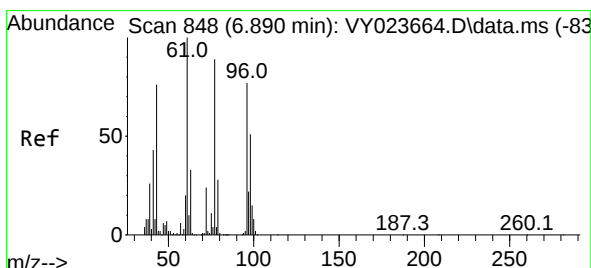
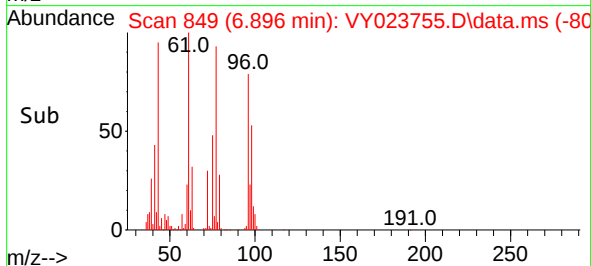
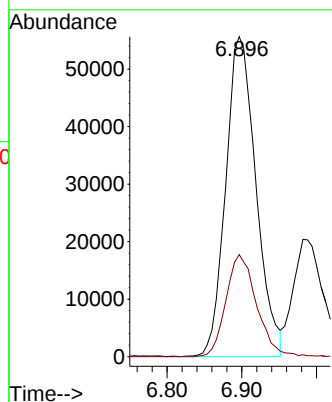
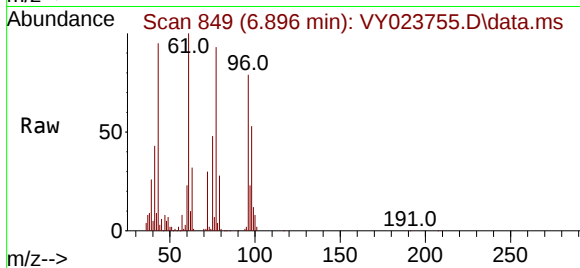
VY1112SBSD01

Tgt Ion: 43 Resp: 157019

Ion Ratio Lower Upper

43 100

72 31.9 25.7 38.5



#26

2,2-Dichloropropane

Concen: 21.347 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023755.D

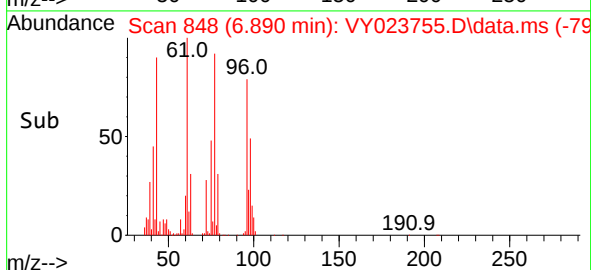
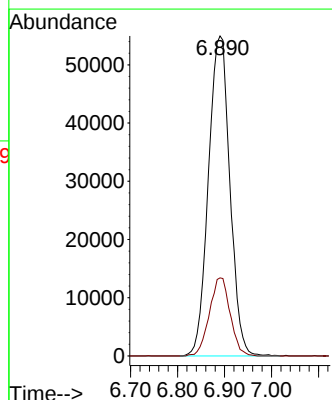
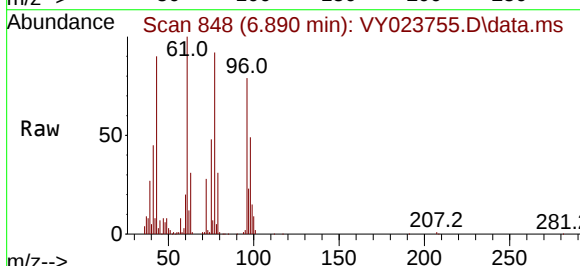
Acq: 12 Nov 2025 11:27

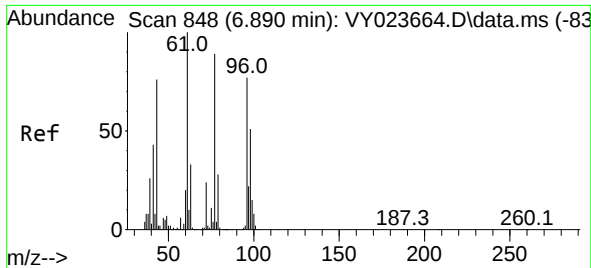
Tgt Ion: 77 Resp: 174264

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1

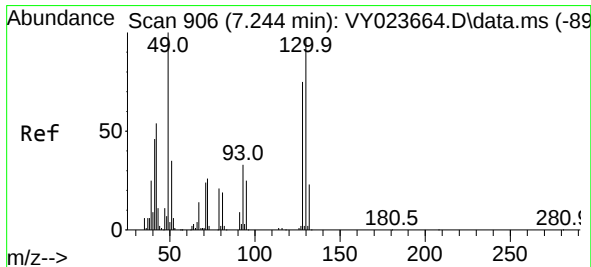
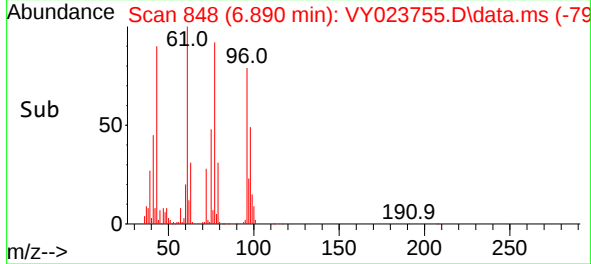
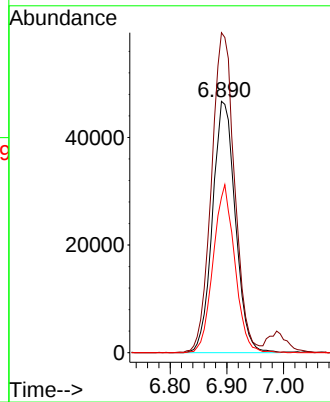
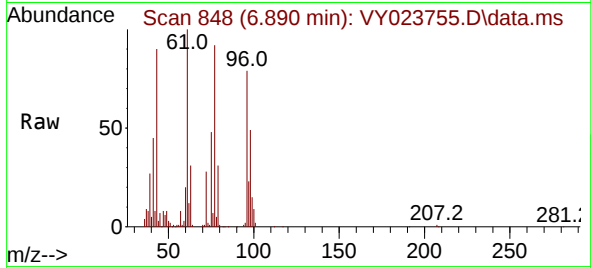




#27
 cis-1,2-Dichloroethene
 Concen: 20.658 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY023755.D
 Acq: 12 Nov 2025 11:27

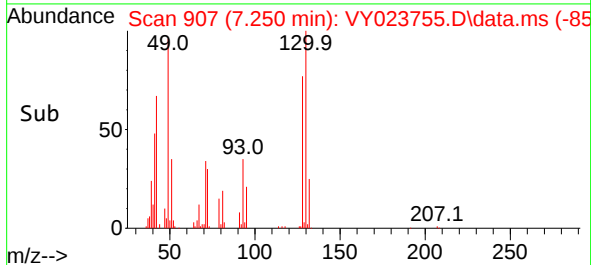
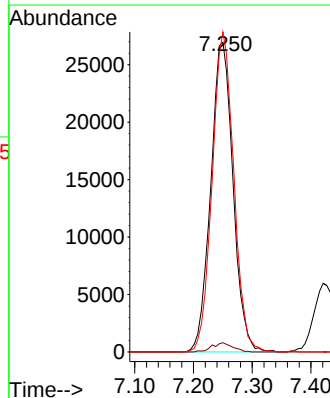
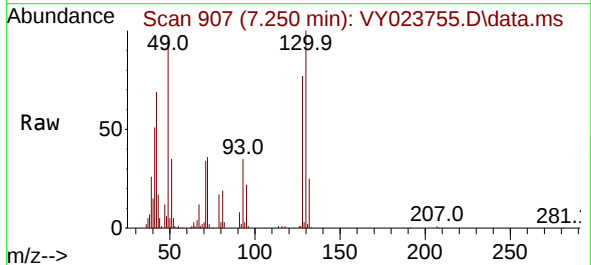
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBSD01

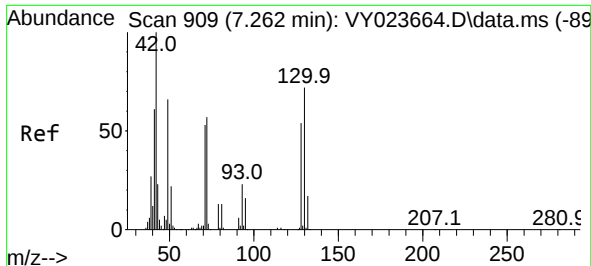
Tgt Ion: 96 Resp: 130664
 Ion Ratio Lower Upper
 96 100
 61 129.0 0.0 255.0
 98 63.3 0.0 129.8



#28
 Bromochloromethane
 Concen: 20.963 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023755.D
 Acq: 12 Nov 2025 11:27

Tgt Ion: 49 Resp: 71233
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.0
 130 99.6 80.1 120.1





#29

Tetrahydrofuran

Concen: 108.748 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

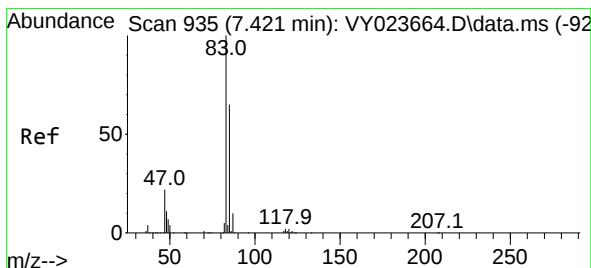
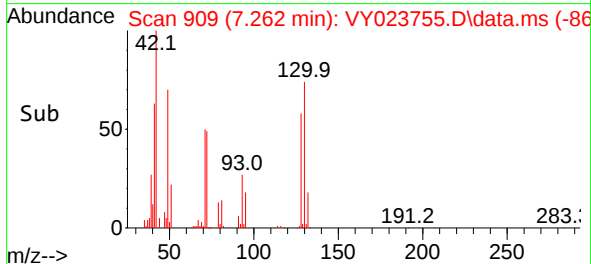
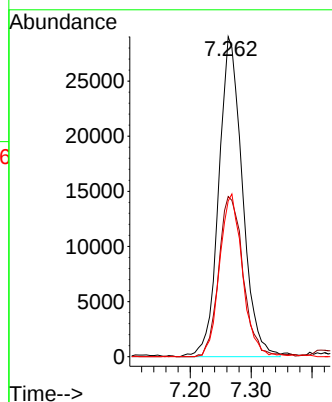
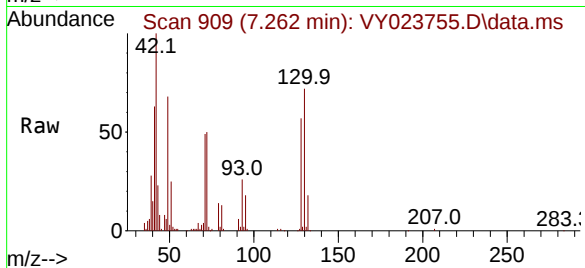
Tgt Ion: 42 Resp: 78052

Ion Ratio Lower Upper

42 100

72 52.1 43.4 65.2

71 49.2 40.7 61.1



#30

Chloroform

Concen: 20.432 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023755.D

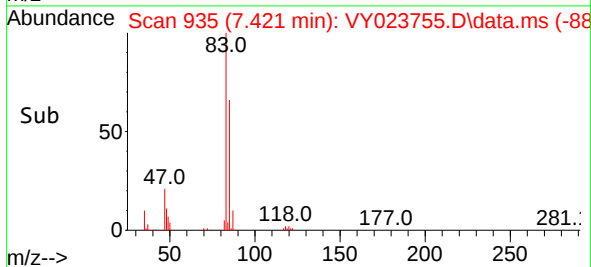
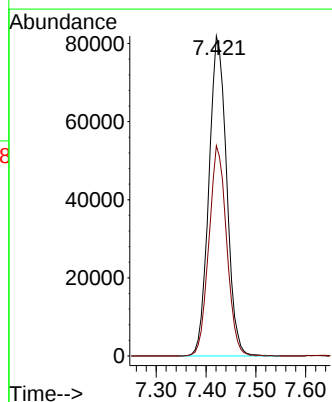
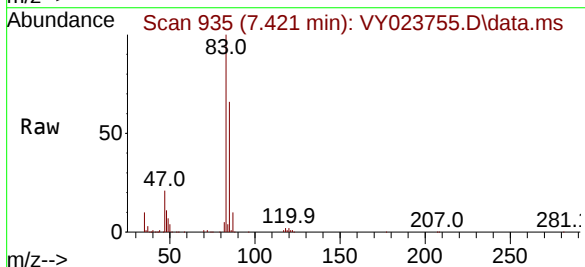
Acq: 12 Nov 2025 11:27

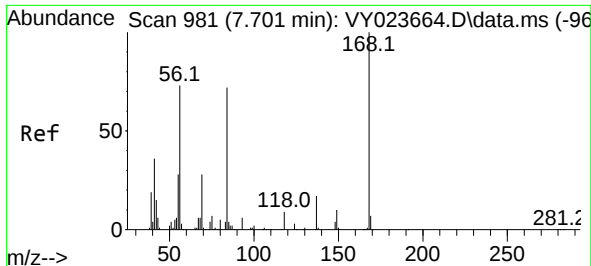
Tgt Ion: 83 Resp: 202312

Ion Ratio Lower Upper

83 100

85 65.7 52.1 78.1

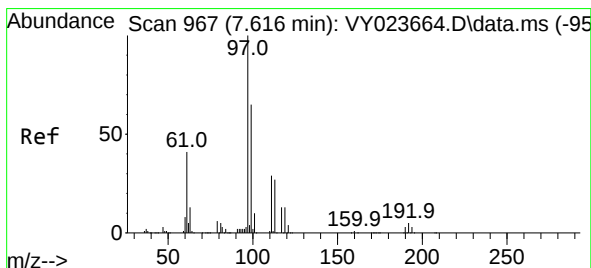
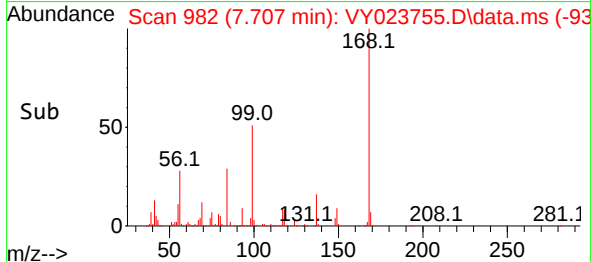
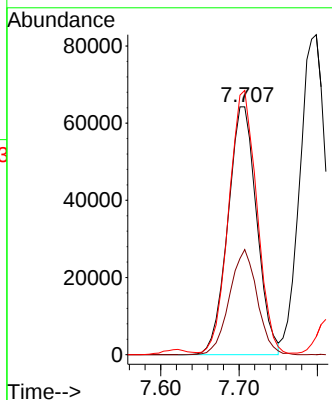
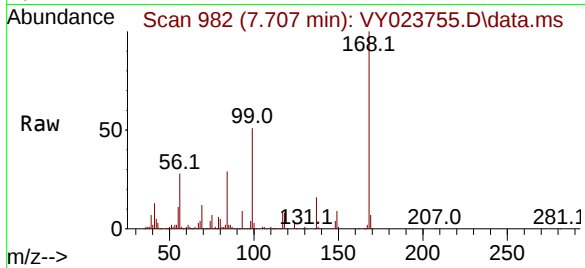




#31
Cyclohexane
Concen: 21.275 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

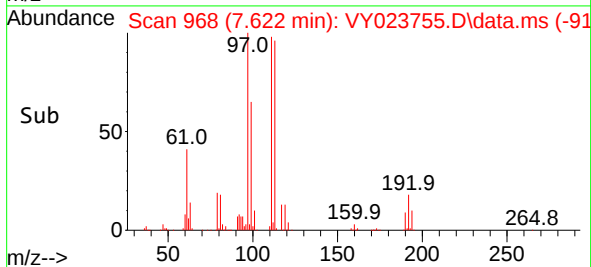
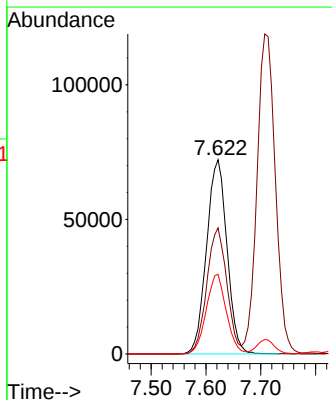
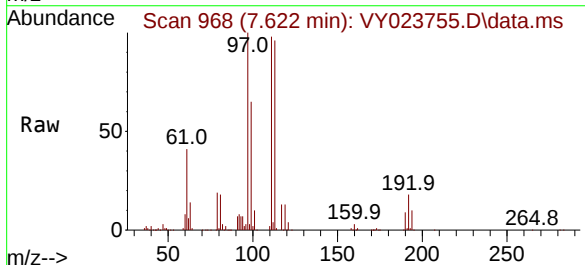
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

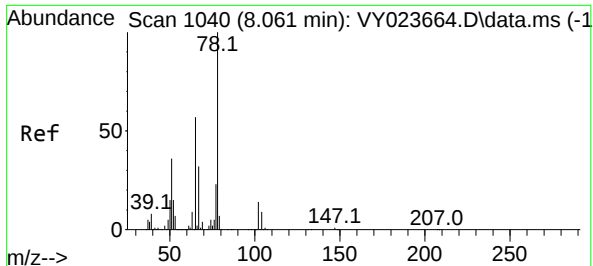
Tgt Ion: 56 Resp: 164424
Ion Ratio Lower Upper
56 100
69 42.4 30.5 45.7
84 104.5 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 21.103 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 97 Resp: 186759
Ion Ratio Lower Upper
97 100
99 63.9 51.5 77.3
61 40.2 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 50.932 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

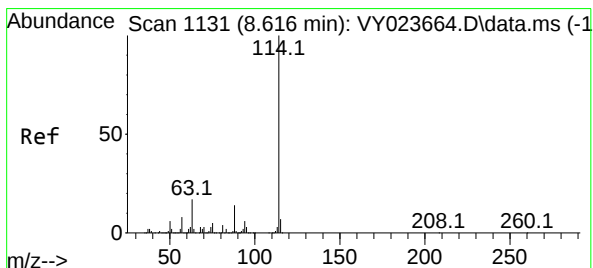
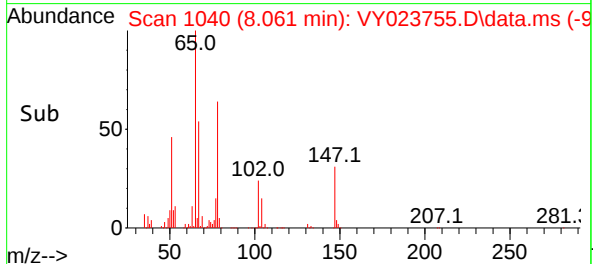
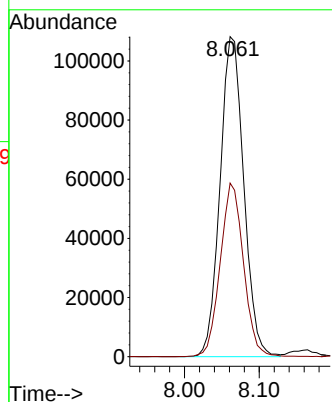
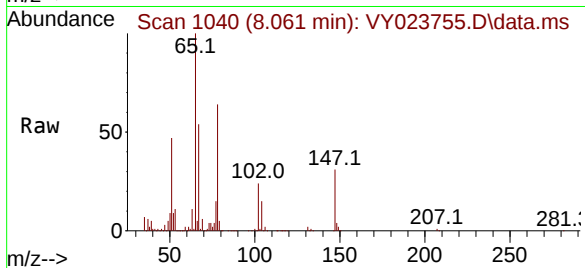
VY1112SBS01

Tgt Ion: 65 Resp: 238840

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

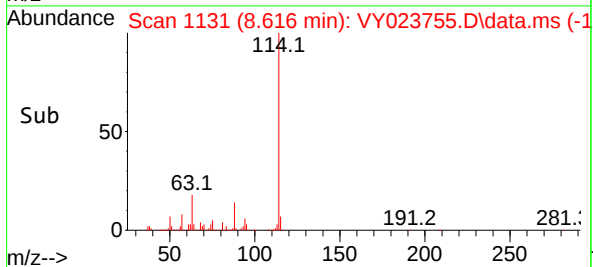
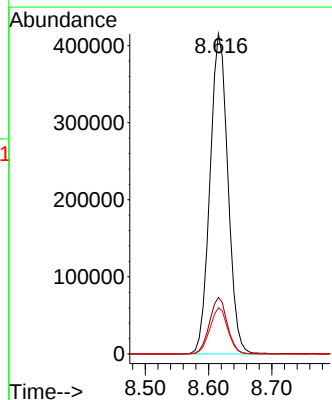
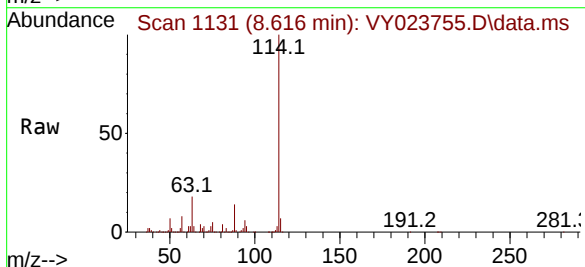
Tgt Ion: 114 Resp: 816418

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.8

88 14.4 0.0 29.0

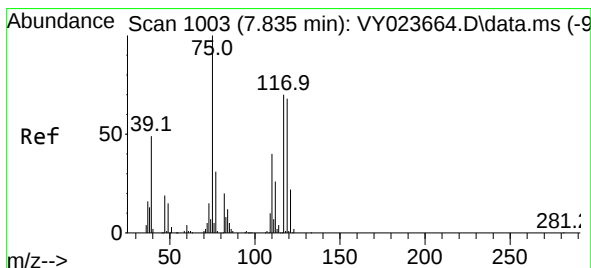
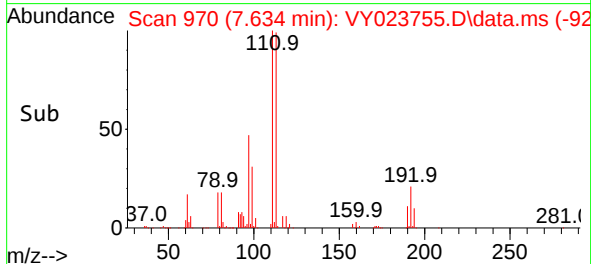
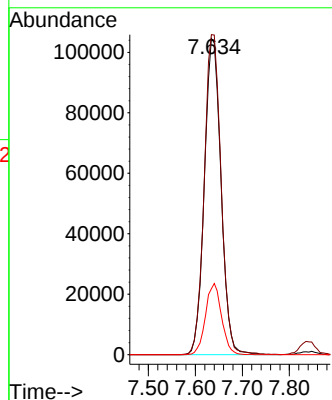
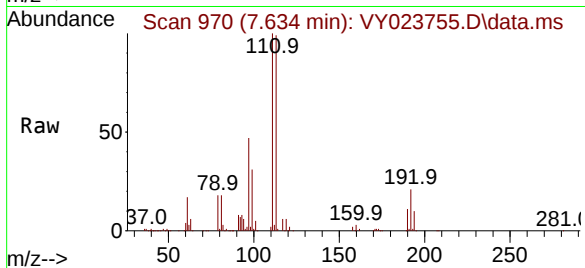




#35
Dibromofluoromethane
Concen: 50.243 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

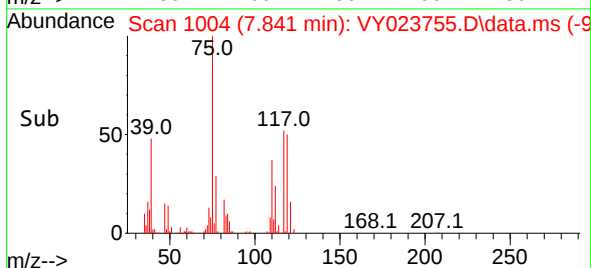
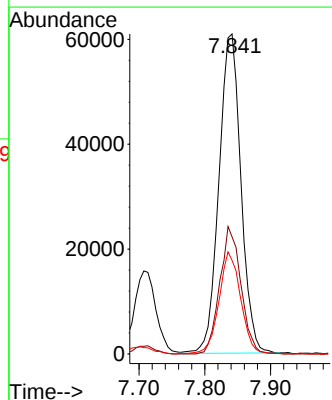
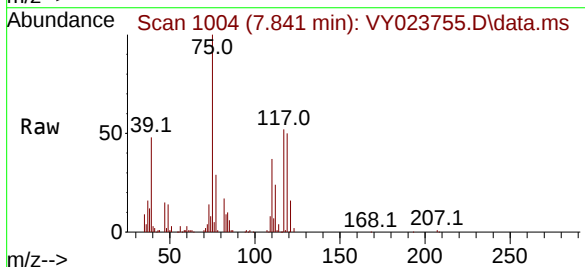
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tgt Ion:113 Resp: 256341
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 21.8 17.3 25.9



#36
1,1-Dichloropropene
Concen: 20.805 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 75 Resp: 141845
Ion Ratio Lower Upper
75 100
110 38.4 19.7 59.0
77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 21.694 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

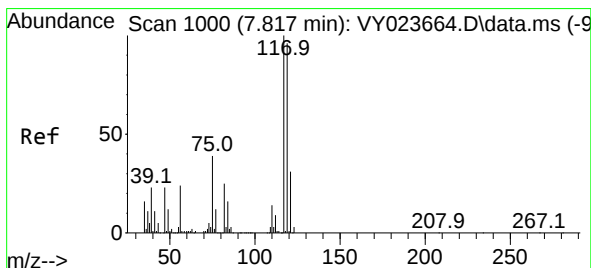
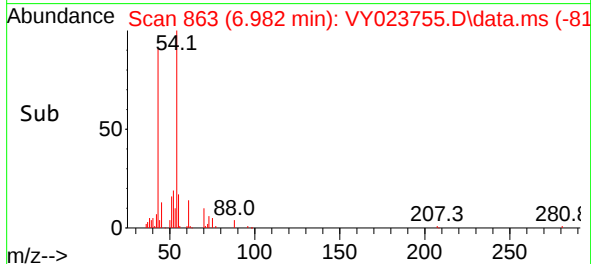
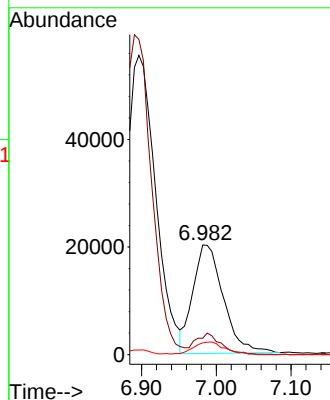
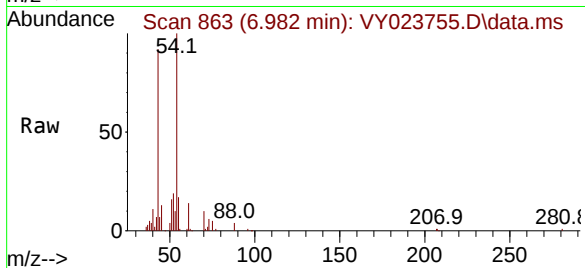
Tgt Ion: 43 Resp: 57256

Ion Ratio Lower Upper

43 100

61 17.0 12.4 18.6

70 12.1 9.8 14.8



#38

Carbon Tetrachloride

Concen: 21.114 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

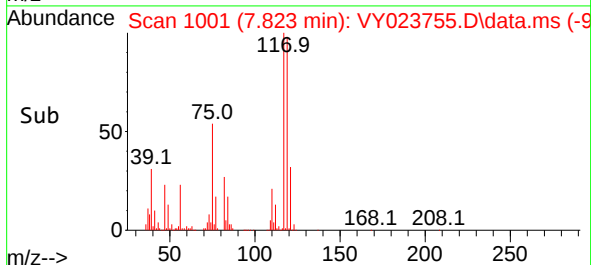
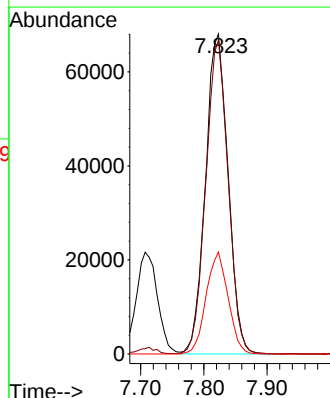
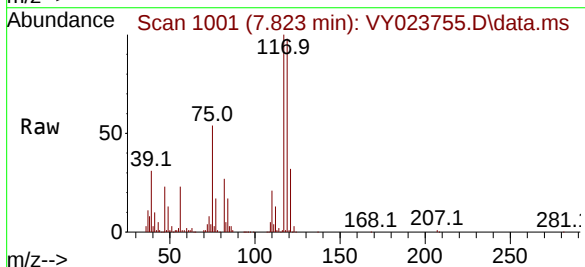
Tgt Ion: 117 Resp: 169607

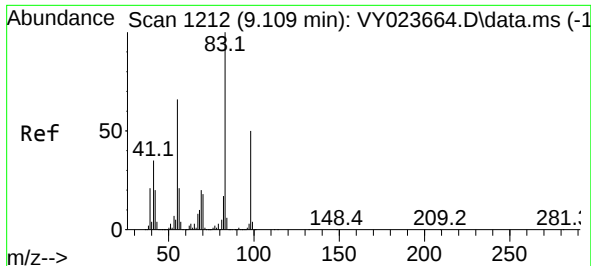
Ion Ratio Lower Upper

117 100

119 98.1 76.3 114.5

121 31.9 24.8 37.2





#39

Methylcyclohexane

Concen: 20.621 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBSD01

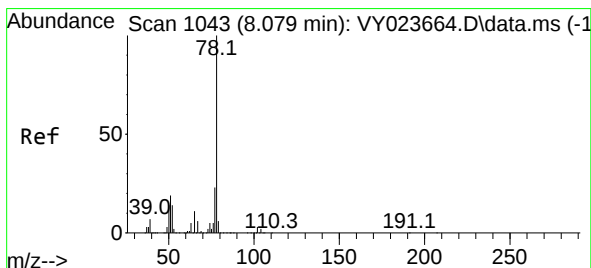
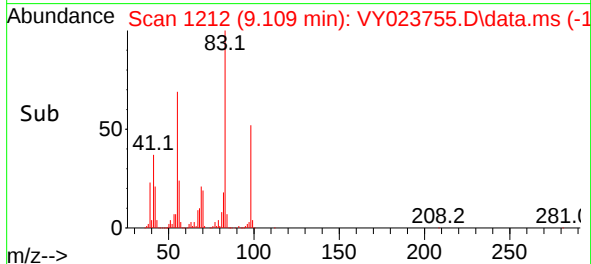
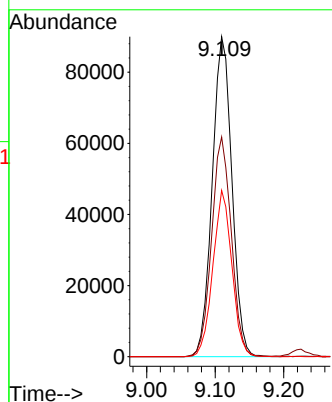
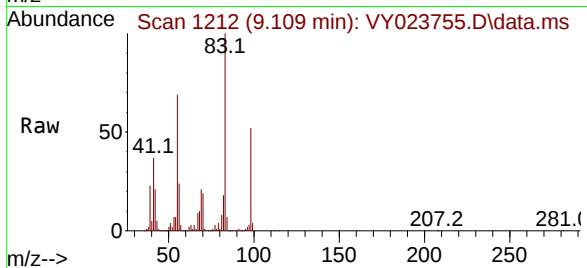
Tgt Ion: 83 Resp: 179638

Ion Ratio Lower Upper

83 100

55 68.6 52.6 78.8

98 52.0 39.7 59.5



#40

Benzene

Concen: 20.800 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023755.D

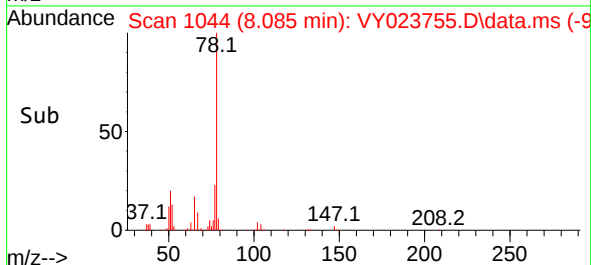
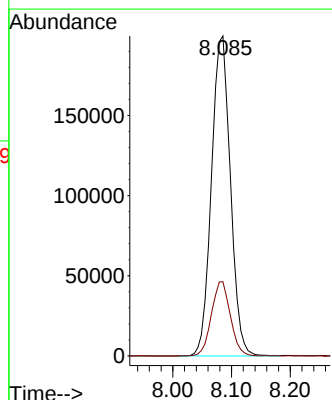
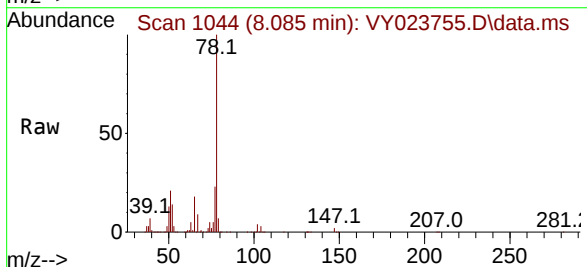
Acq: 12 Nov 2025 11:27

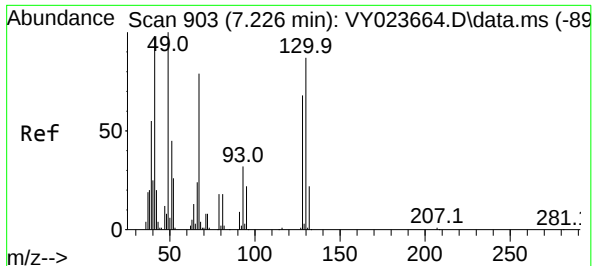
Tgt Ion: 78 Resp: 446990

Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2

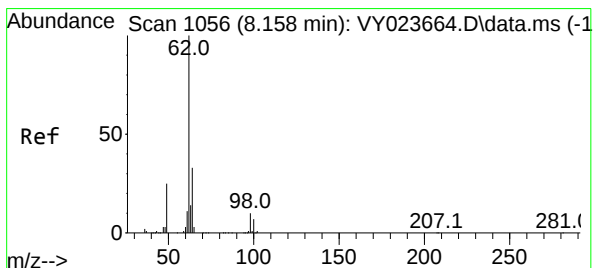
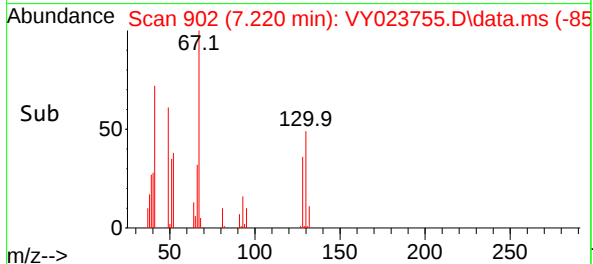
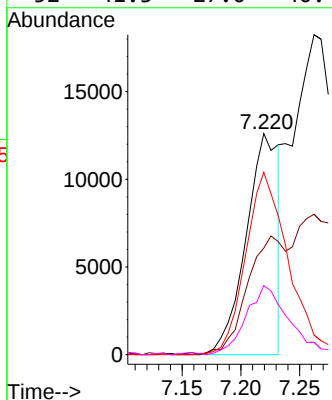
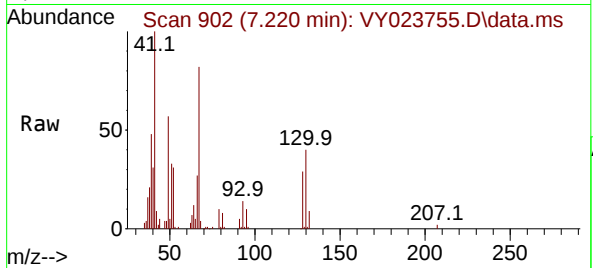




#41
Methacrylonitrile
Concen: 16.982 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

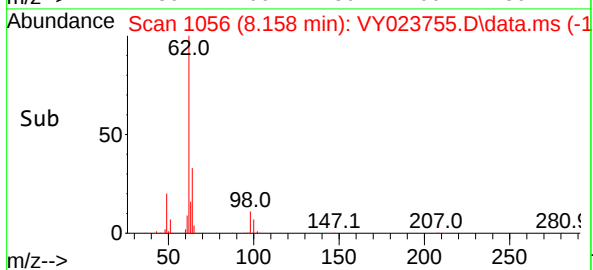
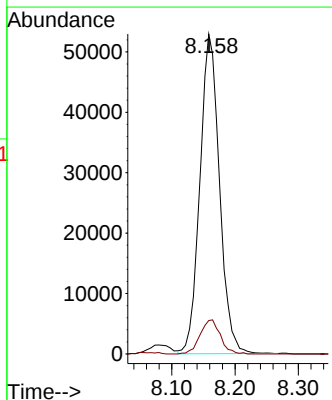
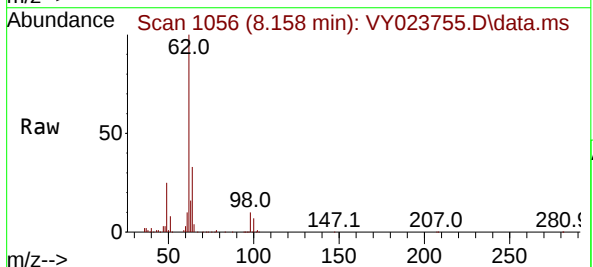
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

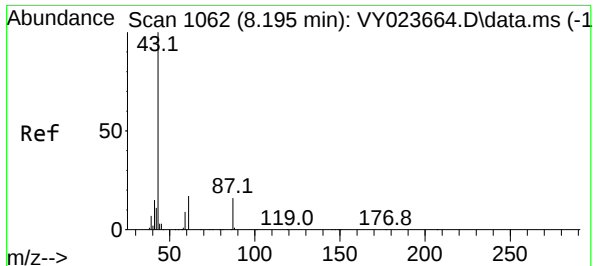
Tgt Ion: 41 Resp: 24465
Ion Ratio Lower Upper
41 100
39 61.6 38.6 57.8#
67 109.7 71.3 106.9#
52 41.3 27.0 40.4#



#42
1,2-Dichloroethane
Concen: 20.986 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 62 Resp: 114100
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.0





#43

Isopropyl Acetate

Concen: 21.222 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

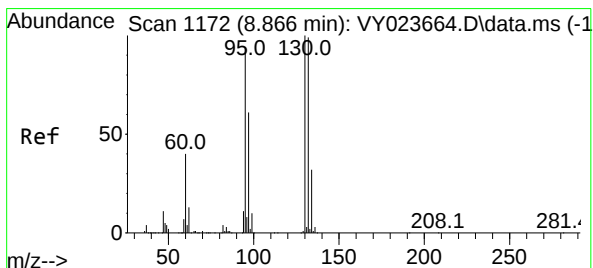
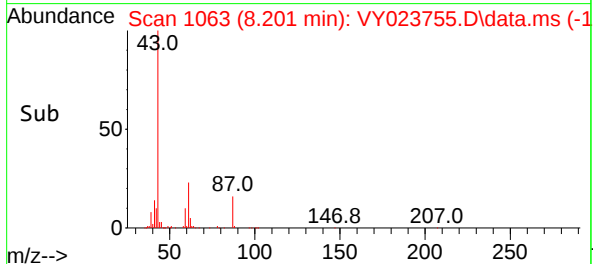
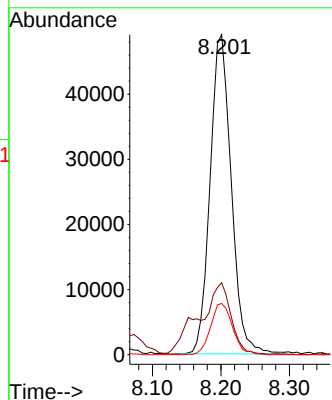
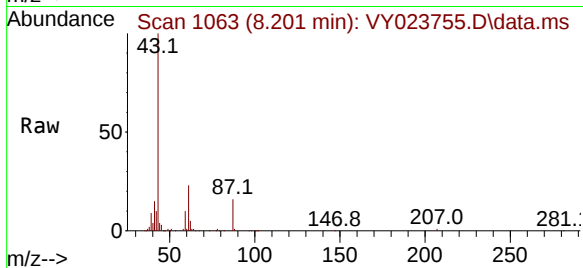
Tgt Ion: 43 Resp: 105238

Ion Ratio Lower Upper

43 100

61 23.1 18.2 27.2

87 16.6 13.3 19.9



#44

Trichloroethene

Concen: 20.577 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY023755.D

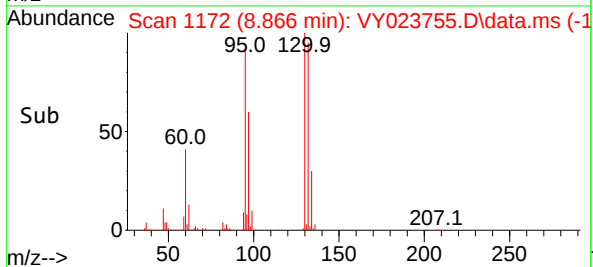
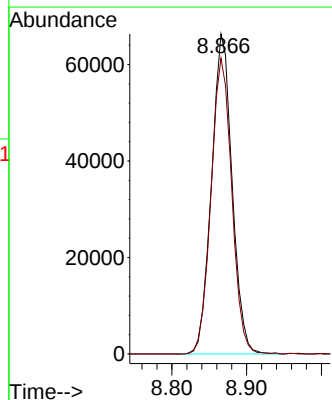
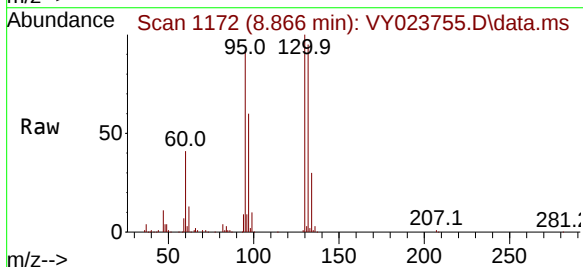
Acq: 12 Nov 2025 11:27

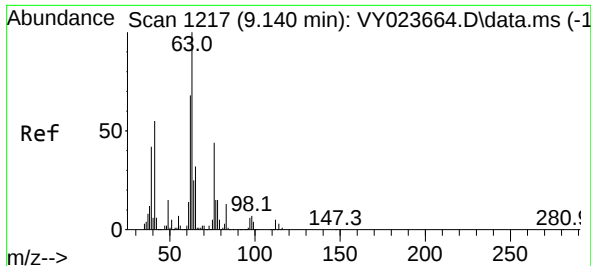
Tgt Ion:130 Resp: 127006

Ion Ratio Lower Upper

130 100

95 92.4 0.0 187.0





#45

1,2-Dichloropropane

Concen: 20.312 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

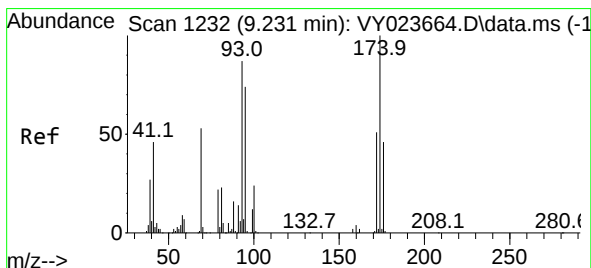
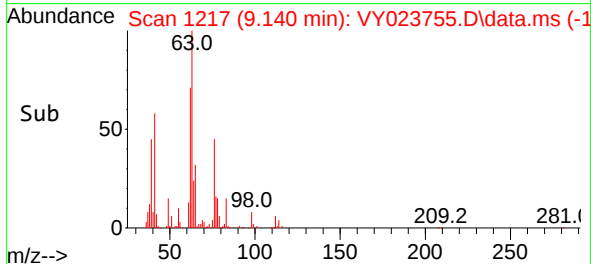
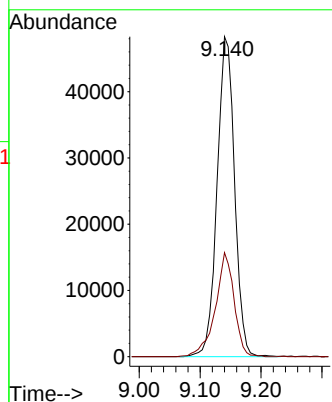
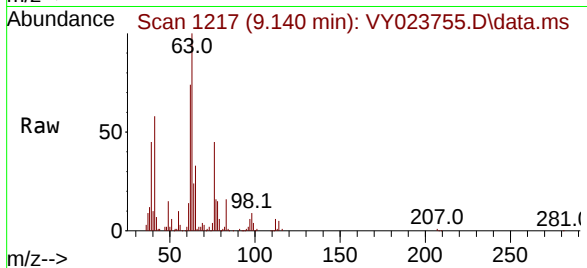
VY1112SBSD01

Tgt Ion: 63 Resp: 96335

Ion Ratio Lower Upper

63 100

65 32.4 25.6 38.4



#46

Dibromomethane

Concen: 20.677 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

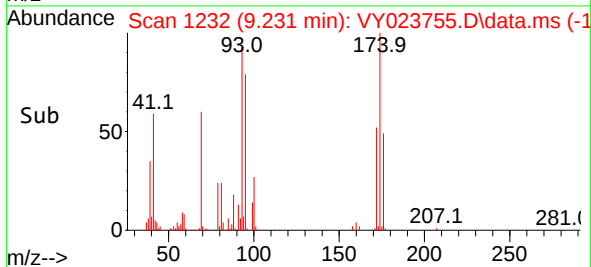
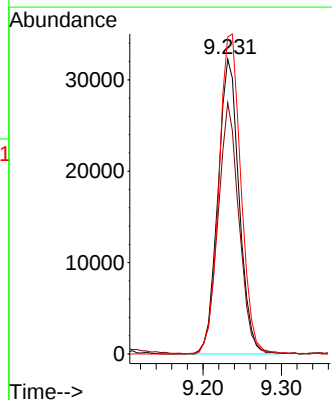
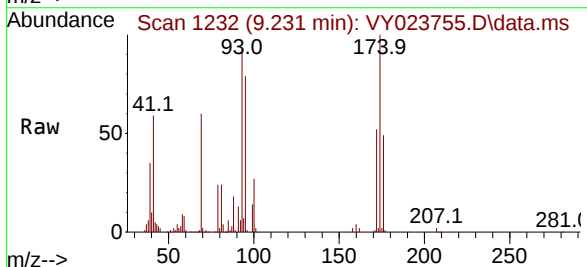
Tgt Ion: 93 Resp: 60762

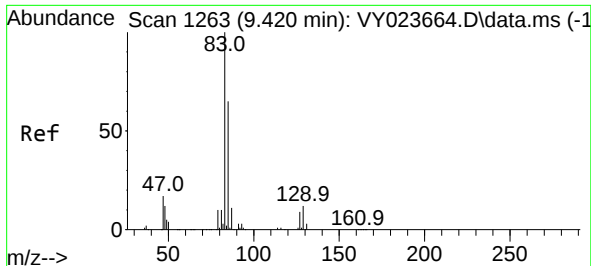
Ion Ratio Lower Upper

93 100

95 83.9 67.4 101.2

174 112.3 89.4 134.0

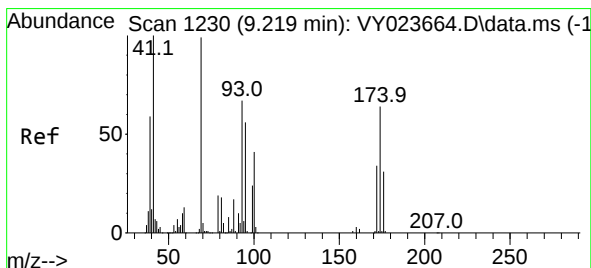
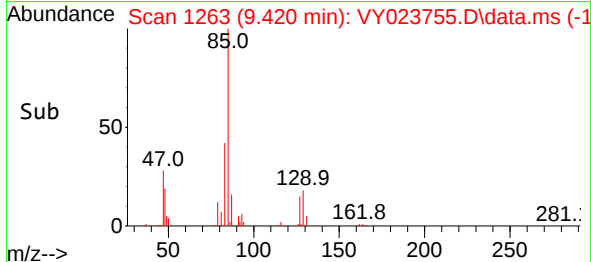
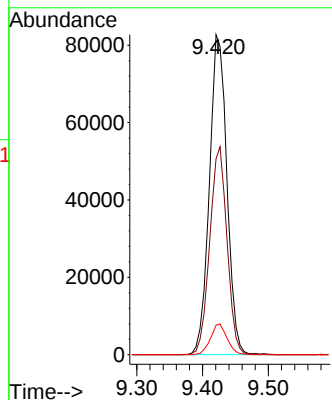
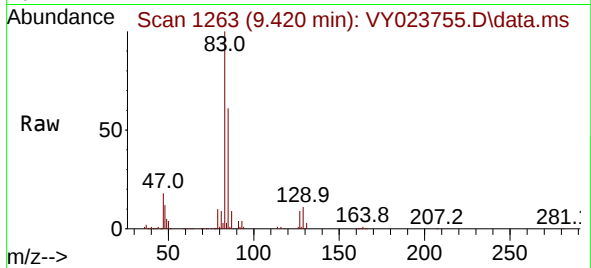




#47
Bromodichloromethane
Concen: 20.684 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

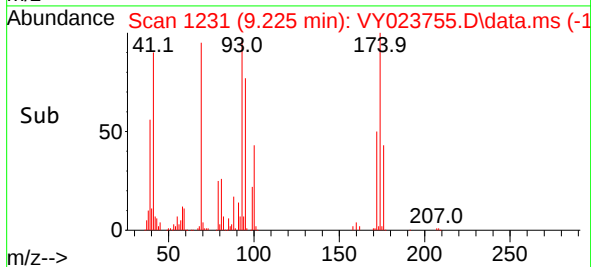
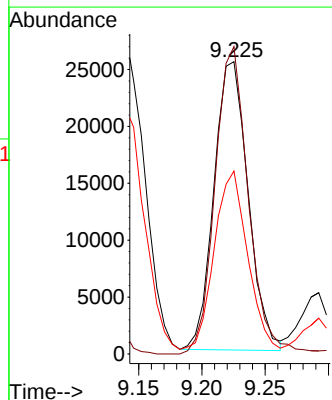
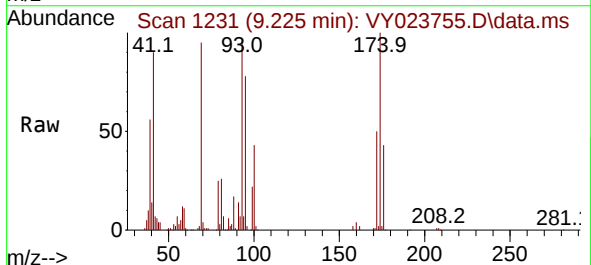
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

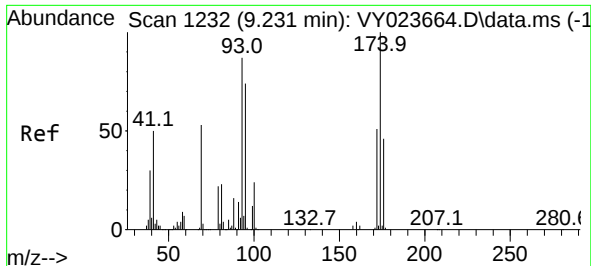
Tgt Ion: 83 Resp: 153250
Ion Ratio Lower Upper
83 100
85 61.2 52.1 78.1
127 9.2 7.5 11.3



#48
Methyl methacrylate
Concen: 20.321 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 41 Resp: 47611
Ion Ratio Lower Upper
41 100
69 104.7 80.2 120.2
39 60.2 47.4 71.0

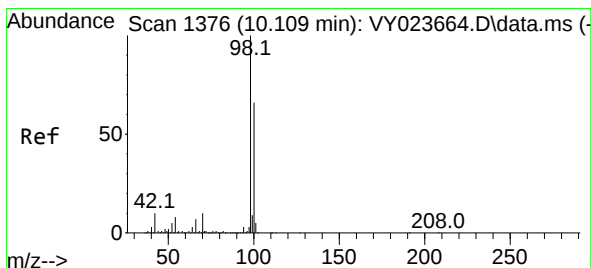
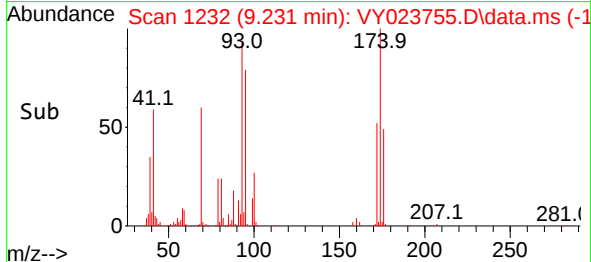
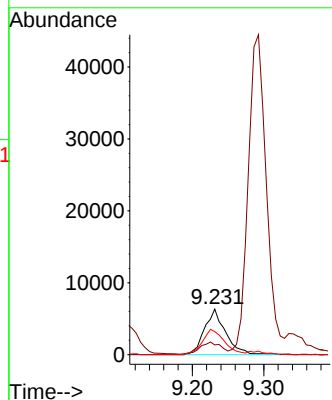
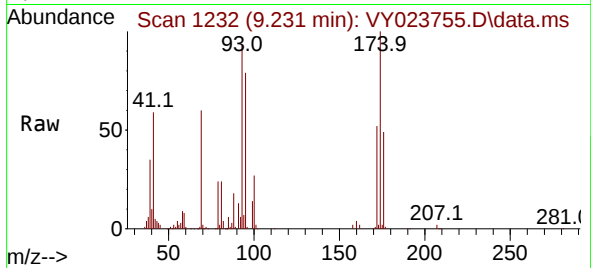




#49
1,4-Dioxane
Concen: 432.531 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

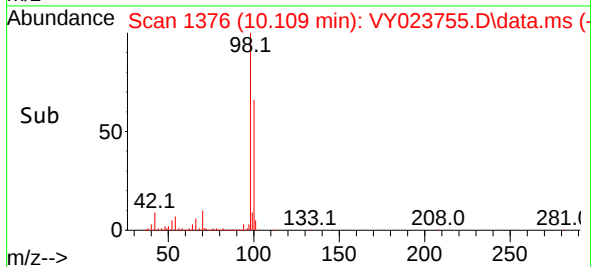
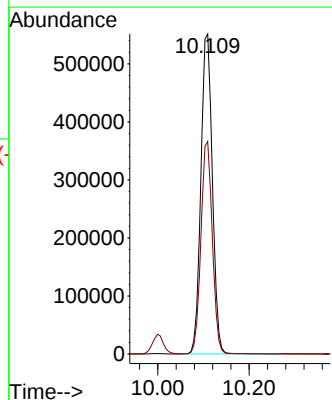
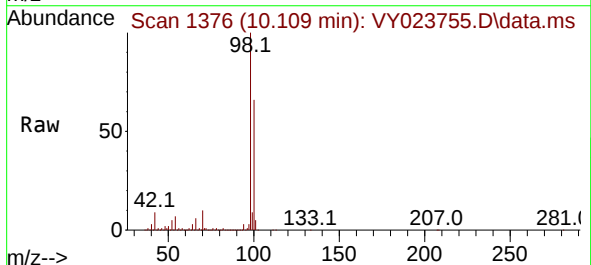
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

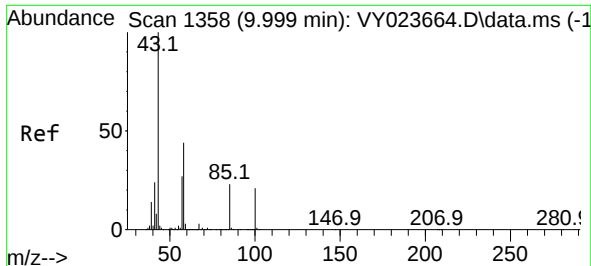
Tgt Ion: 88 Resp: 13008
Ion Ratio Lower Upper
88 100
43 25.9 22.0 33.0
58 57.6 47.8 71.8



#50
Toluene-d8
Concen: 50.550 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 98 Resp: 960728
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 109.130 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

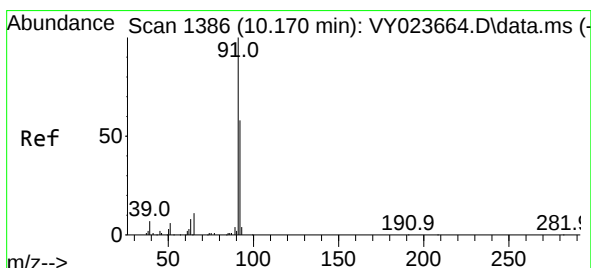
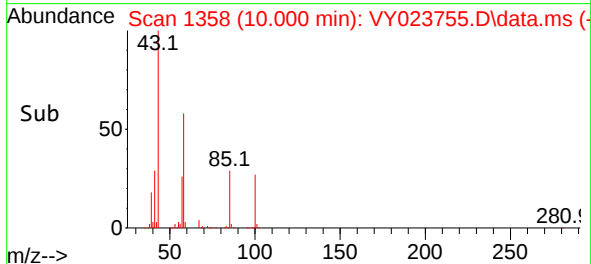
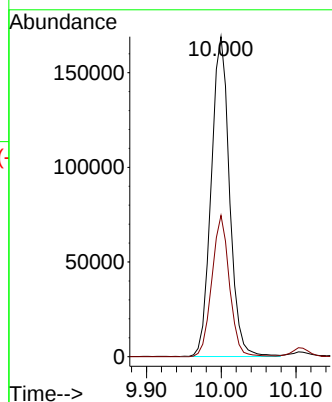
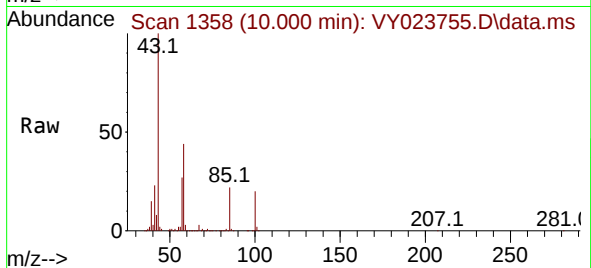
VY1112SBS01

Tgt Ion: 43 Resp: 287798

Ion Ratio Lower Upper

43 100

58 42.5 34.8 52.2



#52

Toluene

Concen: 20.735 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023755.D

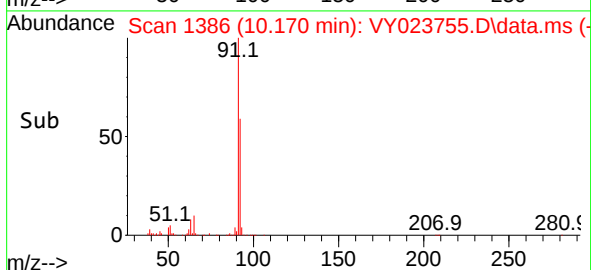
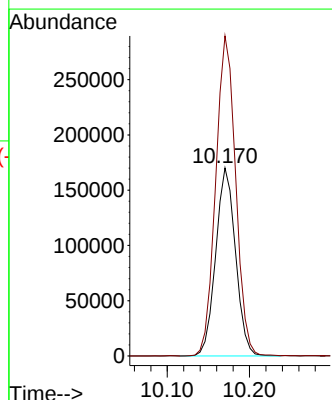
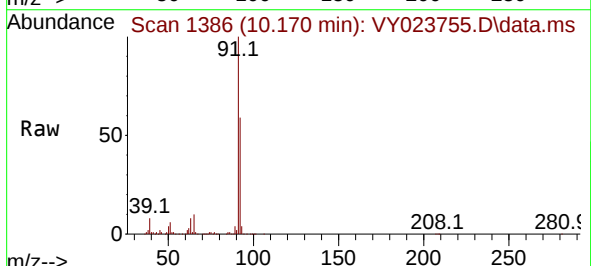
Acq: 12 Nov 2025 11:27

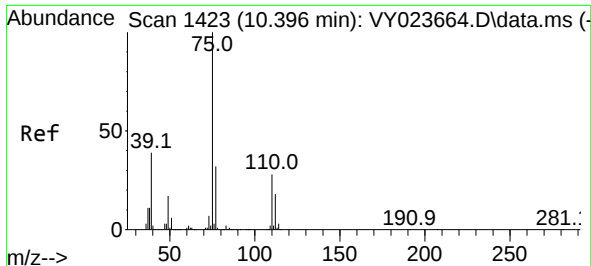
Tgt Ion: 92 Resp: 284485

Ion Ratio Lower Upper

92 100

91 172.2 137.8 206.8

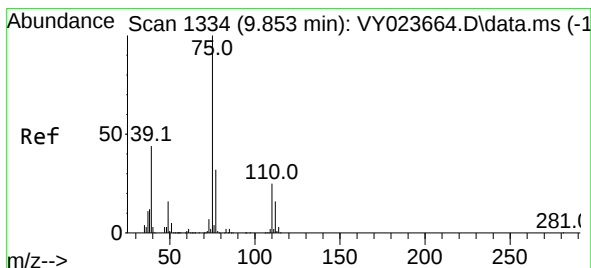
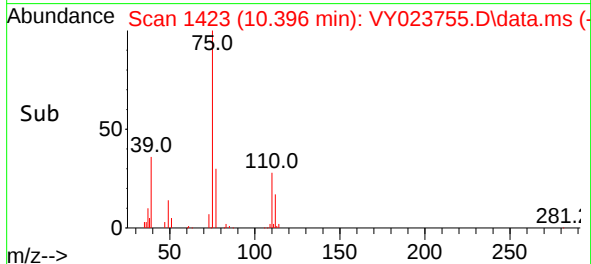
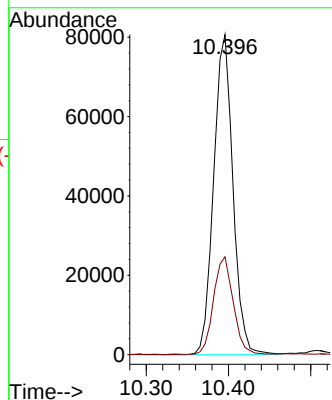
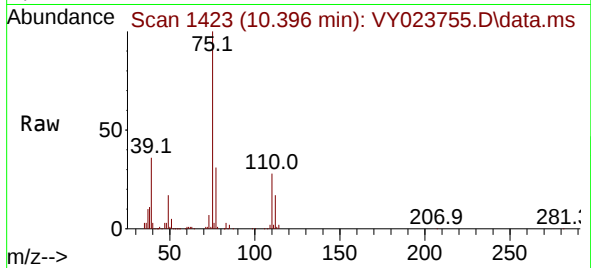




#53
t-1,3-Dichloropropene
Concen: 20.897 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

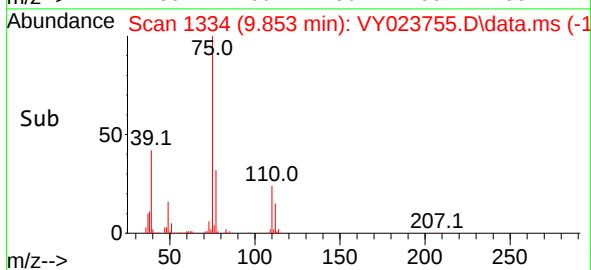
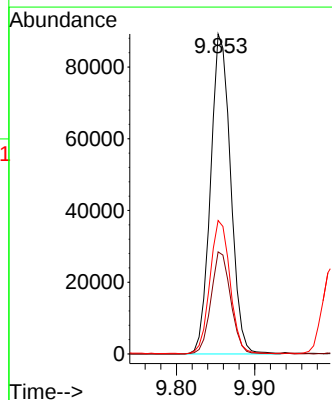
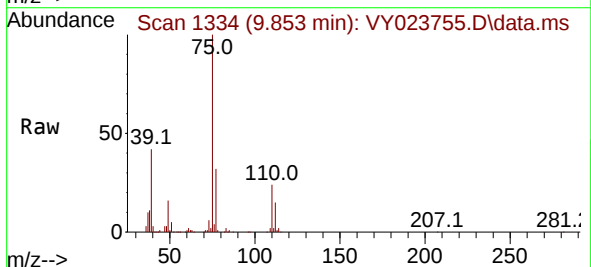
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

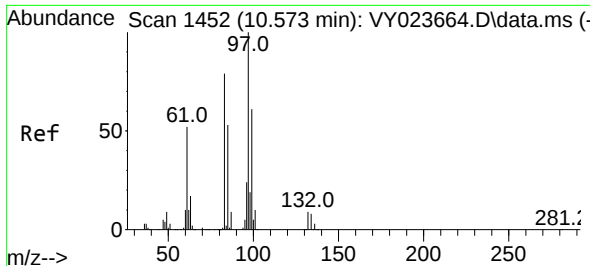
Tgt Ion: 75 Resp: 131005
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 21.128 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 75 Resp: 158694
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
39 41.6 34.9 52.3

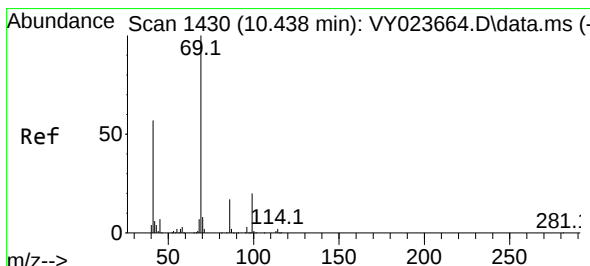
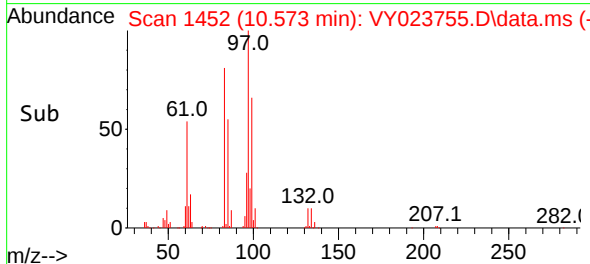
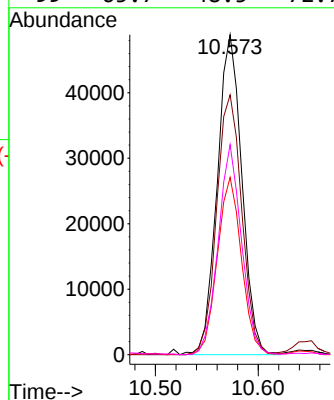
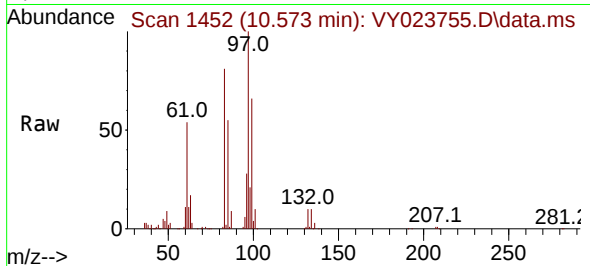




#55
1,1,2-Trichloroethane
Concen: 20.733 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

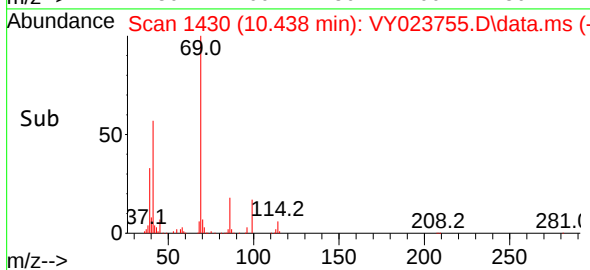
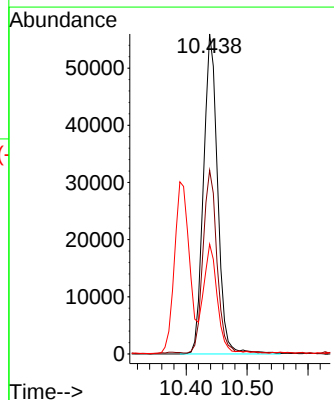
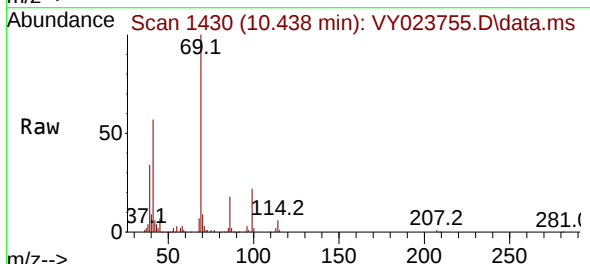
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

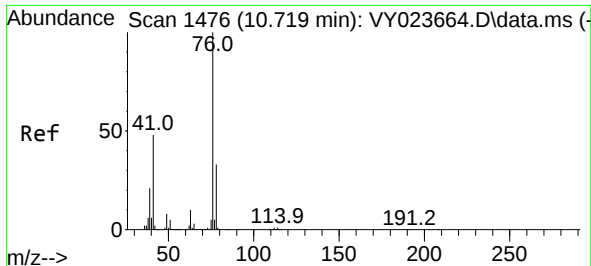
Tgt Ion:	97	Resp:	81422
Ion	Ratio	Lower	Upper
97	100		
83	81.2	63.3	94.9
85	55.4	42.4	63.6
99	65.7	48.5	72.7



#56
Ethyl methacrylate
Concen: 20.919 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion:	69	Resp:	90516
Ion	Ratio	Lower	Upper
69	100		
41	56.0	45.0	67.4
39	32.4	25.1	37.7





#57

1,3-Dichloropropane

Concen: 20.453 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

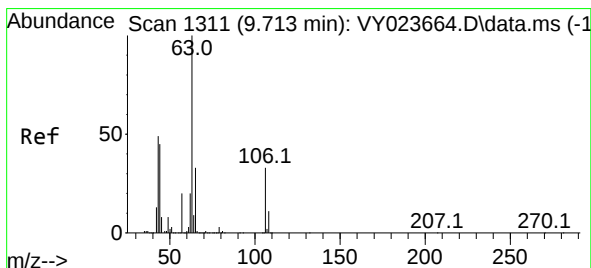
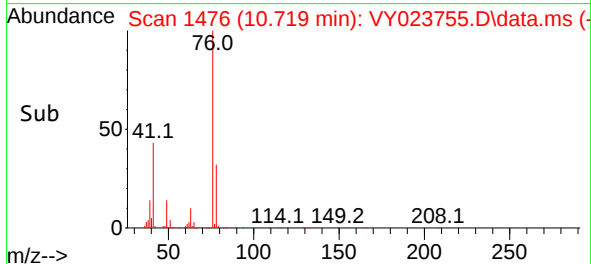
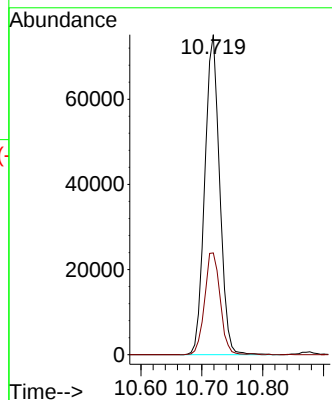
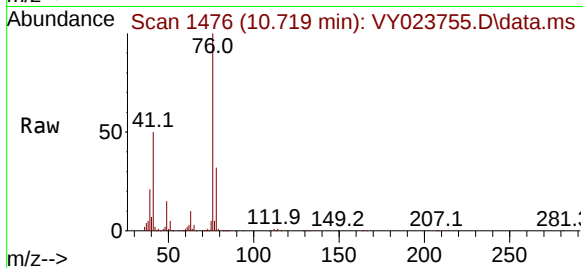
VY1112SBSD01

Tgt Ion: 76 Resp: 127409

Ion Ratio Lower Upper

76 100

78 33.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 104.459 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023755.D

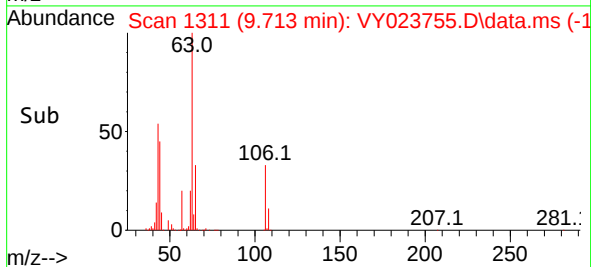
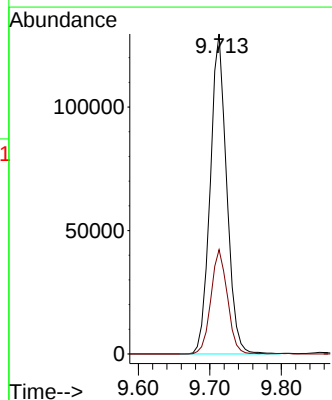
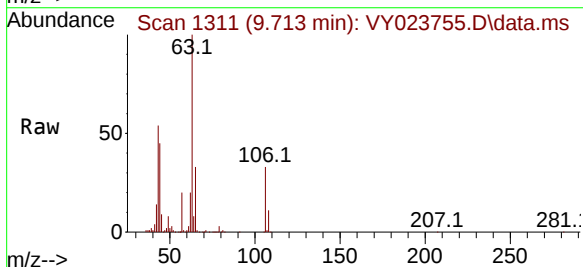
Acq: 12 Nov 2025 11:27

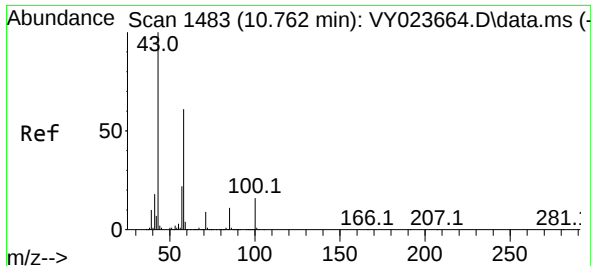
Tgt Ion: 63 Resp: 207410

Ion Ratio Lower Upper

63 100

106 32.5 26.2 39.2

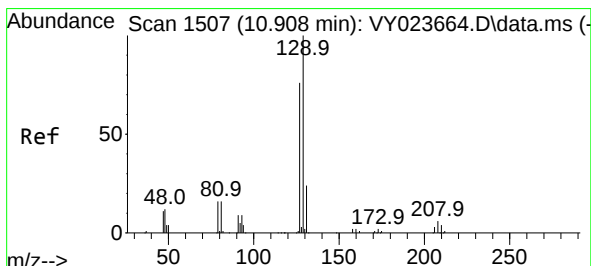
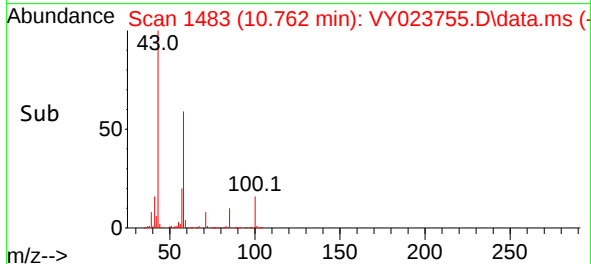
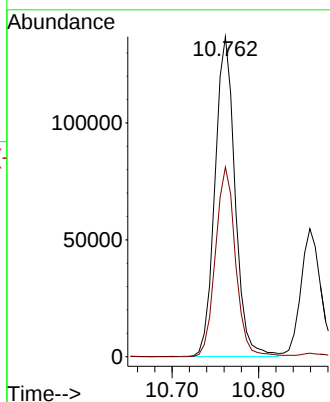
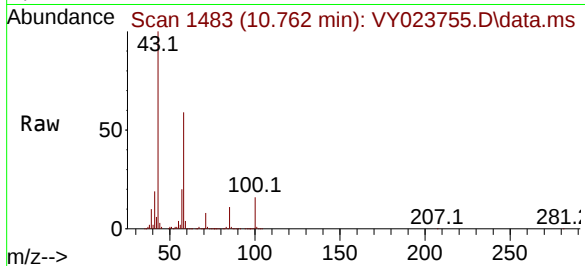




#59
2-Hexanone
Concen: 114.336 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

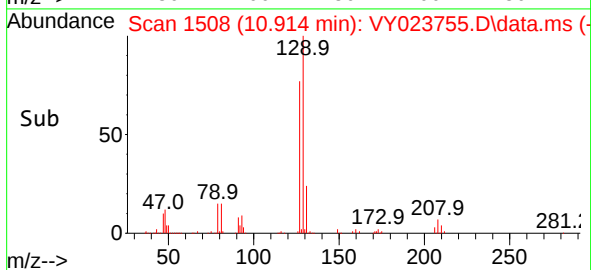
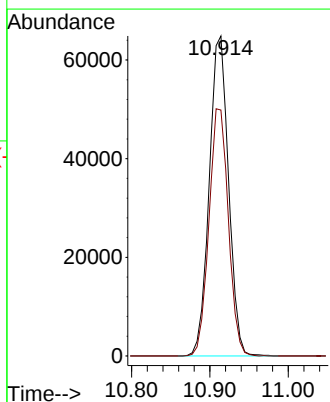
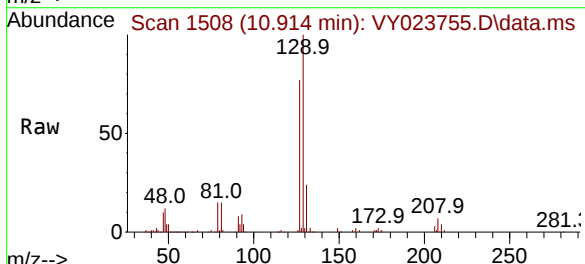
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

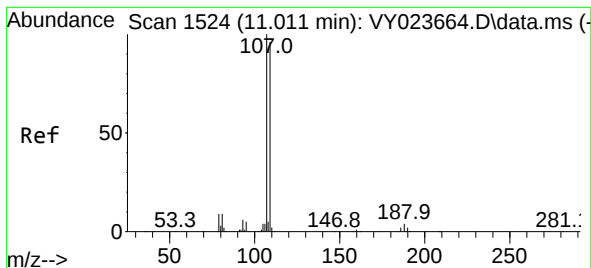
Tgt Ion: 43 Resp: 219985
Ion Ratio Lower Upper
43 100
58 59.3 30.2 90.6



#60
Dibromochloromethane
Concen: 20.549 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 129 Resp: 110883
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2

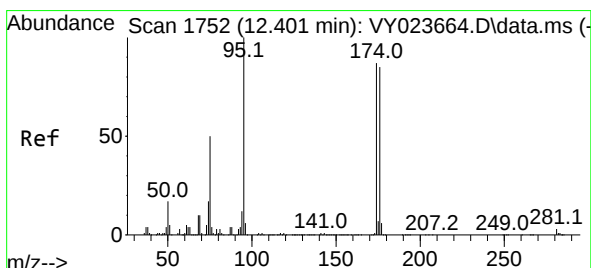
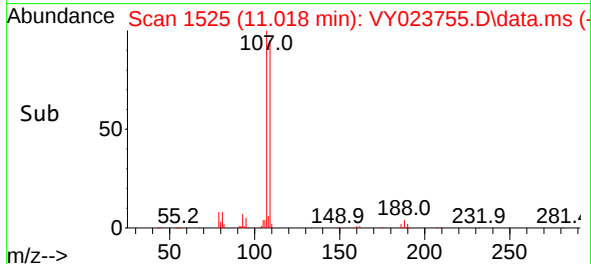
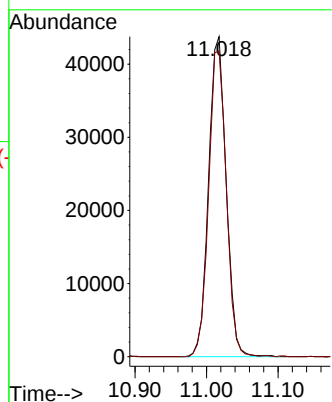
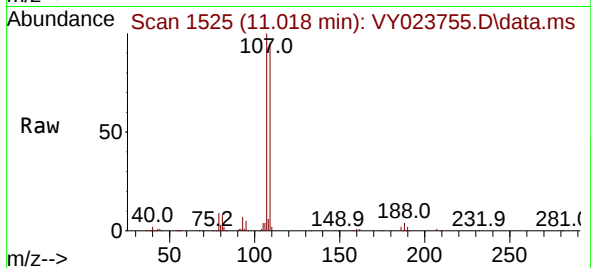




#61
1,2-Dibromoethane
Concen: 20.228 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

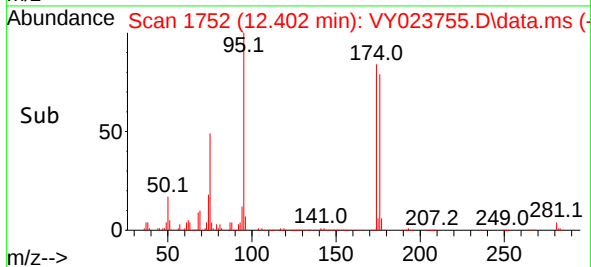
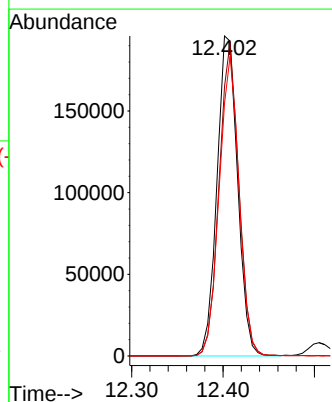
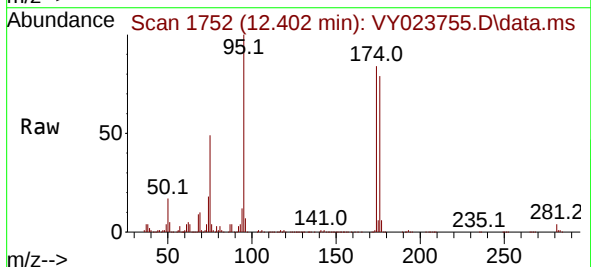
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

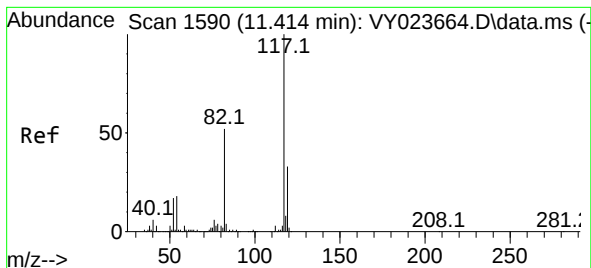
Tgt Ion:107 Resp: 74553
Ion Ratio Lower Upper
107 100
109 96.3 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 50.067 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 95 Resp: 307726
Ion Ratio Lower Upper
95 100
174 93.8 0.0 184.8
176 90.5 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBSD01

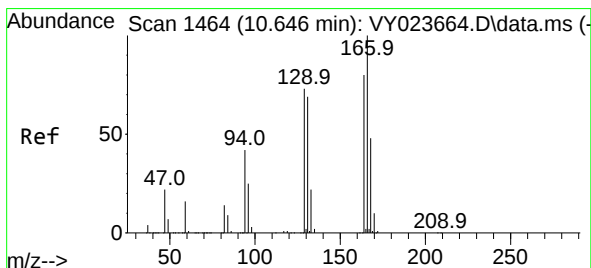
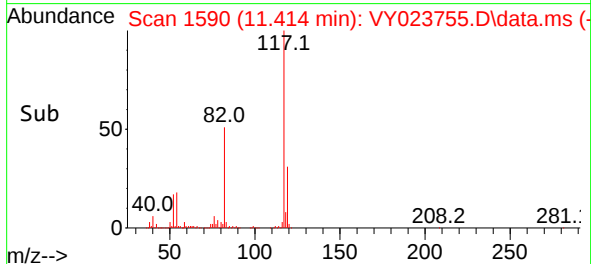
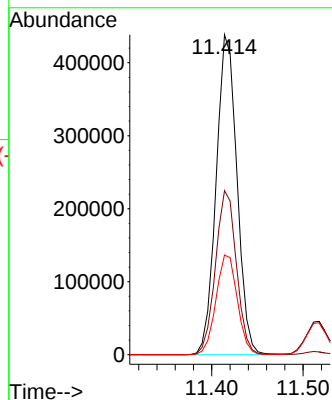
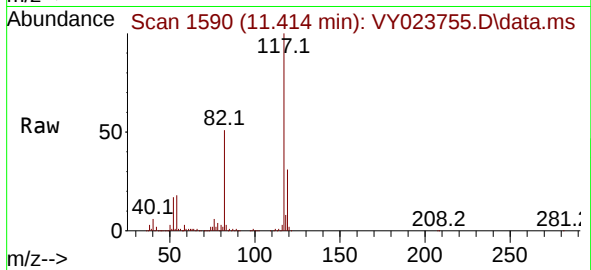
Tgt Ion:117 Resp: 694367

Ion Ratio Lower Upper

117 100

82 51.3 41.2 61.8

119 31.2 26.2 39.2



#64

Tetrachloroethene

Concen: 20.906 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Tgt Ion:164 Resp: 151096

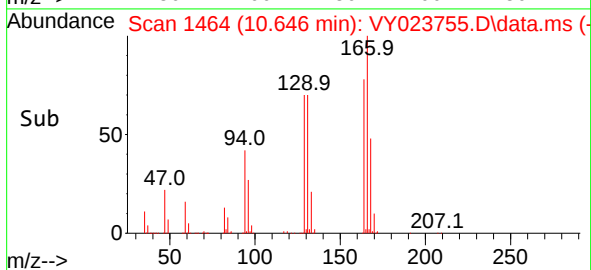
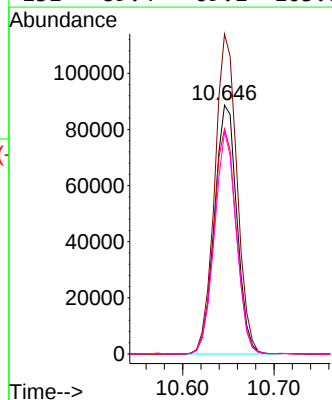
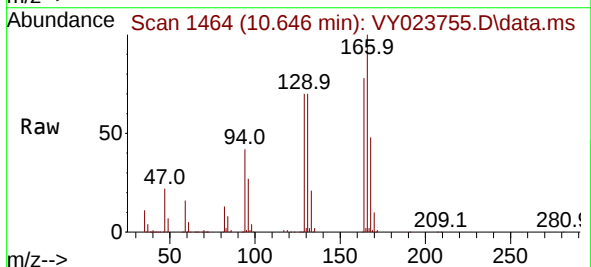
Ion Ratio Lower Upper

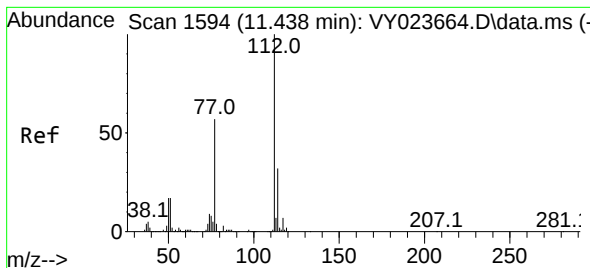
164 100

166 128.6 99.5 149.3

129 90.5 72.3 108.5

131 89.4 69.1 103.7





#65

Chlorobenzene

Concen: 20.717 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

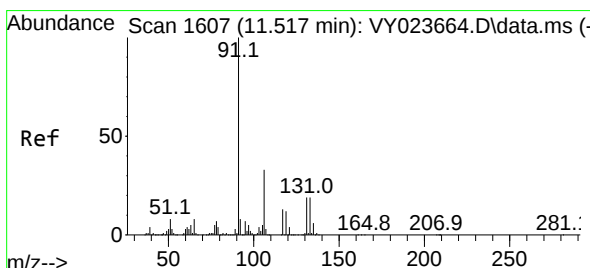
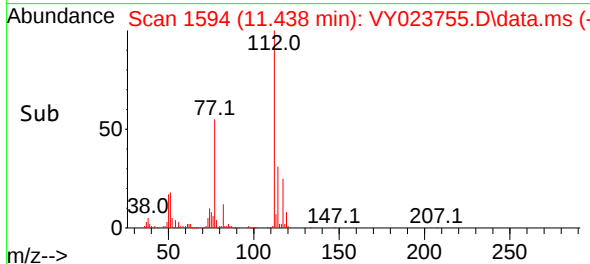
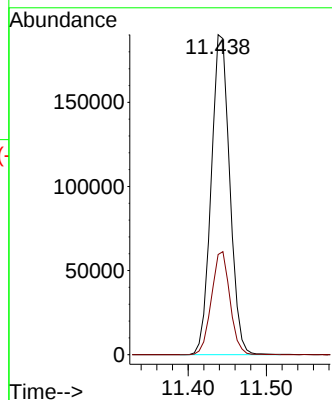
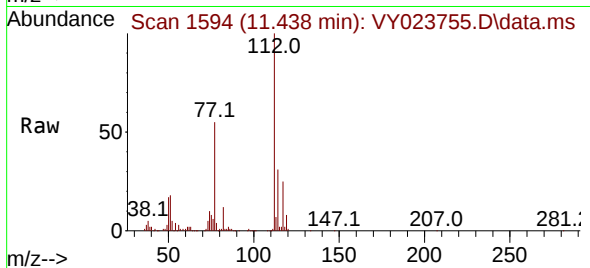
VY1112SBSD01

Tgt Ion:112 Resp: 313170

Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.590 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

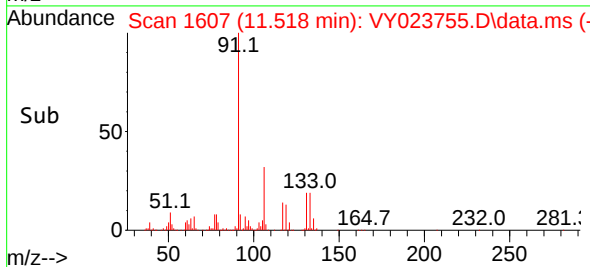
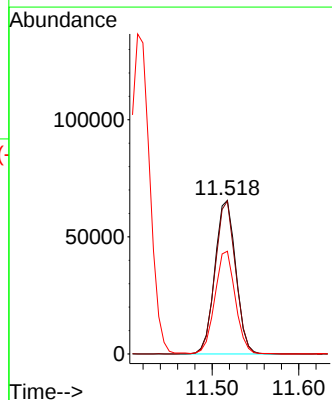
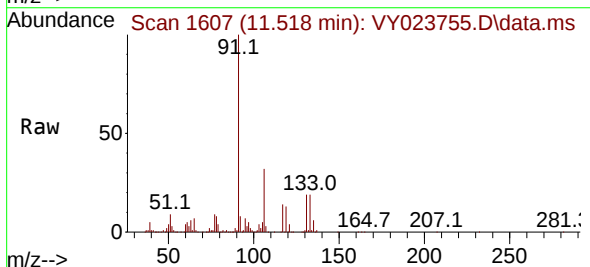
Tgt Ion:131 Resp: 110058

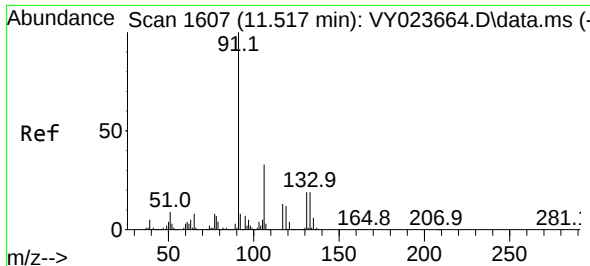
Ion Ratio Lower Upper

131 100

133 97.5 47.3 141.8

119 65.5 32.5 97.4

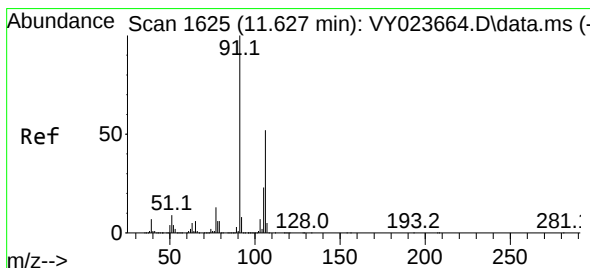
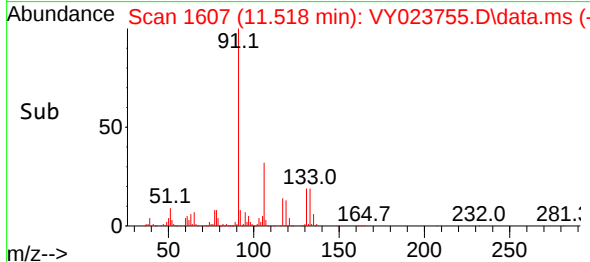
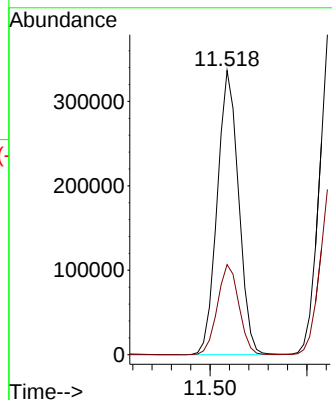
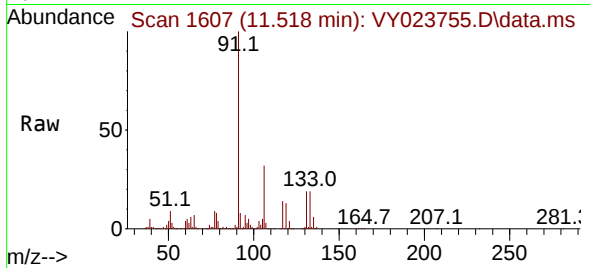




#67
Ethyl Benzene
Concen: 21.099 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

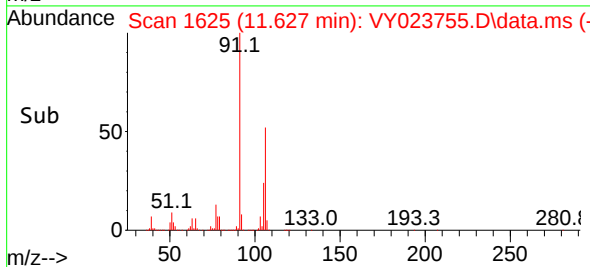
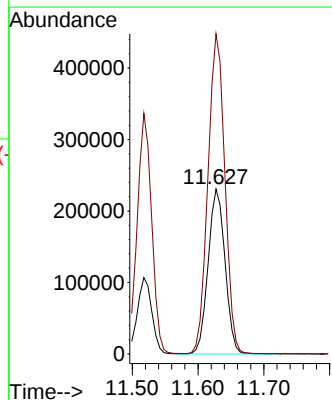
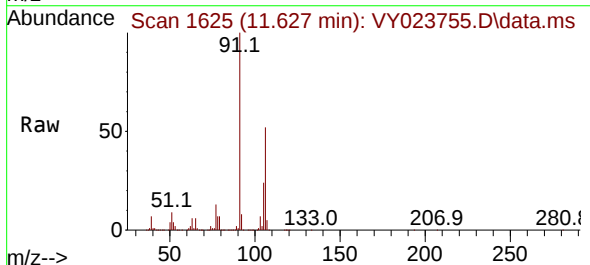
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

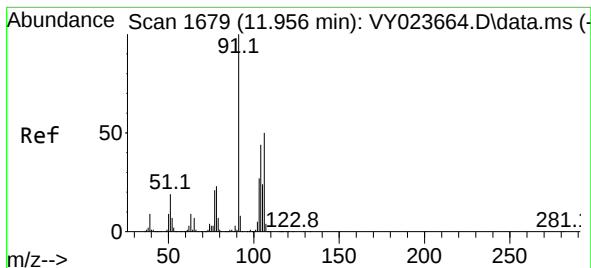
Tgt Ion: 91 Resp: 516183
Ion Ratio Lower Upper
91 100
106 31.7 26.6 40.0



#68
m/p-Xylenes
Concen: 42.104 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 106 Resp: 411561
Ion Ratio Lower Upper
106 100
91 194.6 154.3 231.5

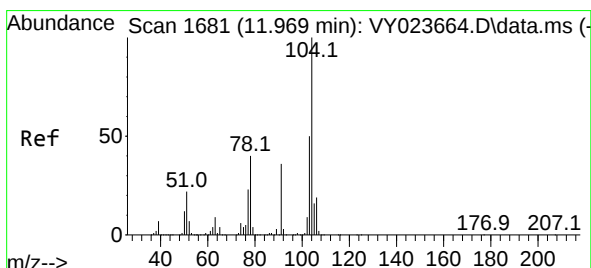
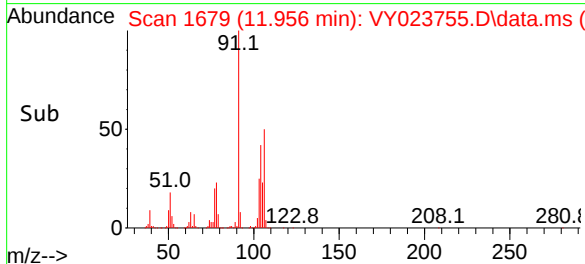
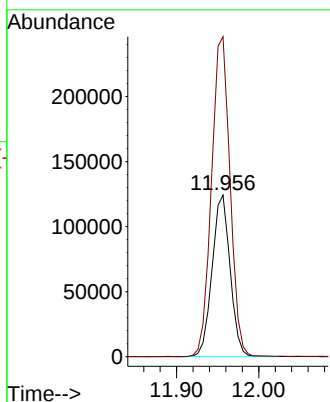
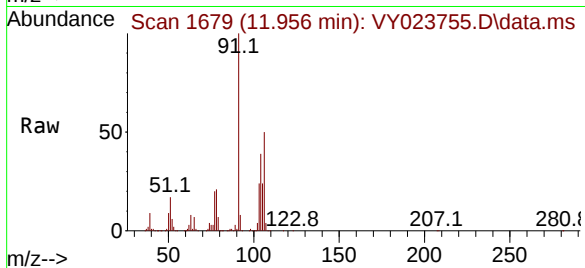




#69
o-Xylene
Concen: 20.913 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

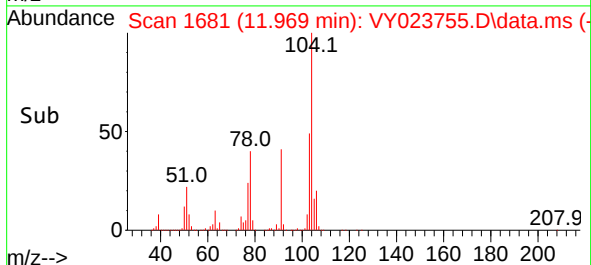
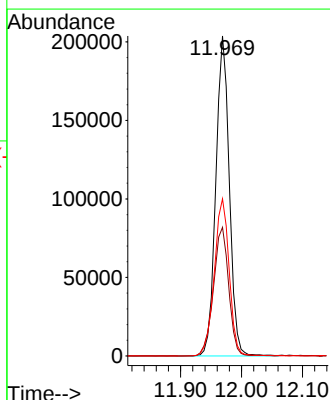
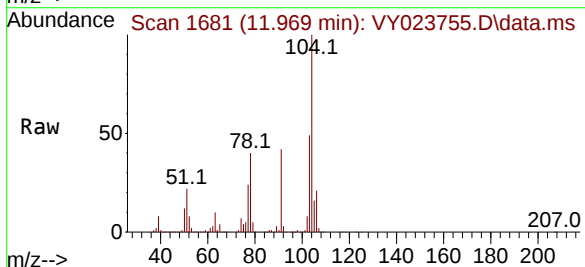
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

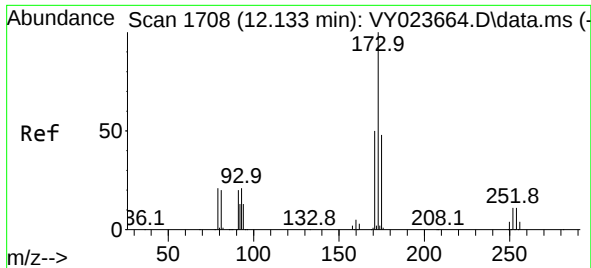
Tgt Ion:106 Resp: 188964
Ion Ratio Lower Upper
106 100
91 204.0 101.6 304.6



#70
Styrene
Concen: 21.005 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion:104 Resp: 313157
Ion Ratio Lower Upper
104 100
78 45.2 36.5 54.7
103 54.2 43.7 65.5

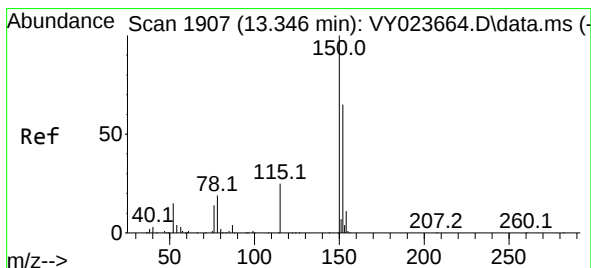
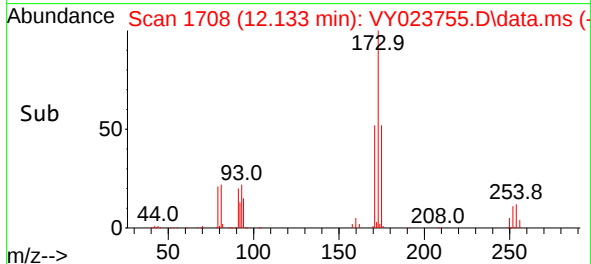
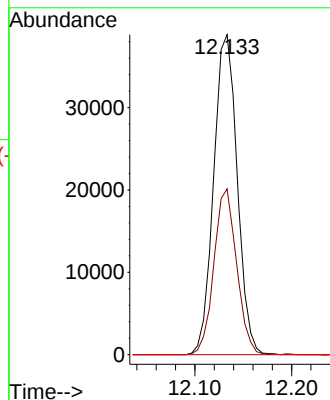
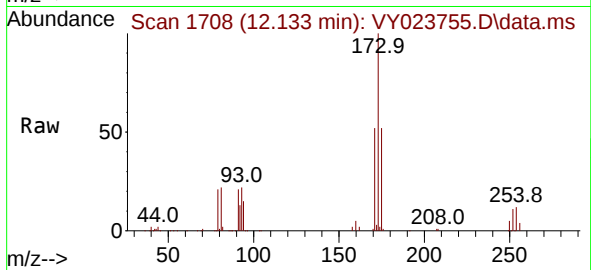




#71
Bromoform
Concen: 21.047 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

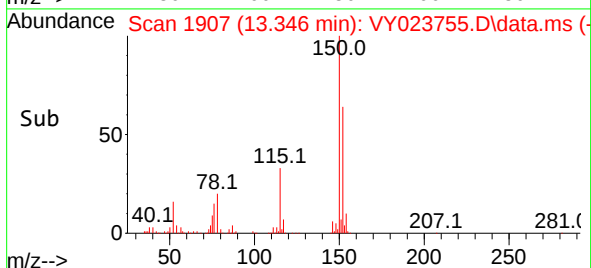
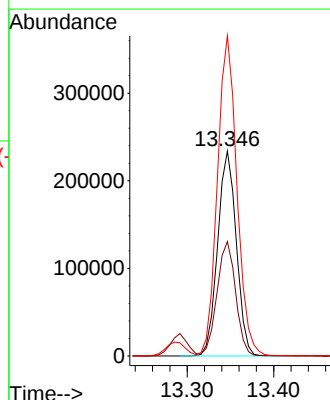
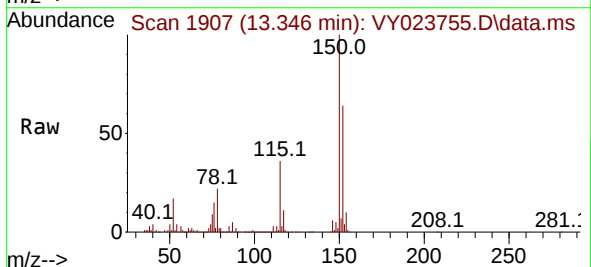
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

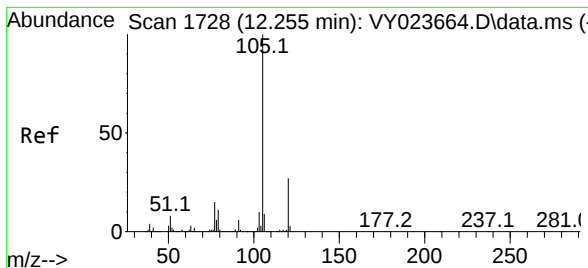
Tgt Ion:173 Resp: 65706
Ion Ratio Lower Upper
173 100
175 50.0 24.2 72.6
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion:152 Resp: 349899
Ion Ratio Lower Upper
152 100
115 55.6 27.5 82.5
150 163.5 0.0 349.0





#73

Isopropylbenzene

Concen: 21.004 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

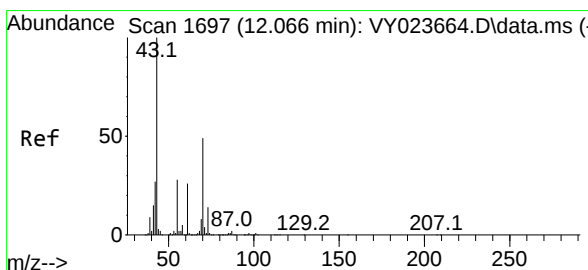
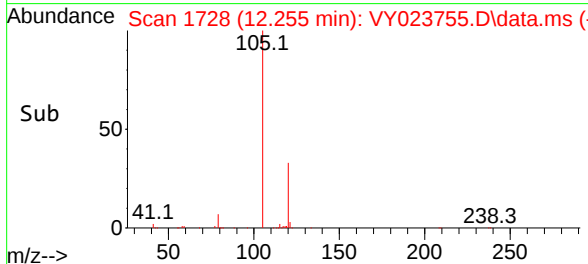
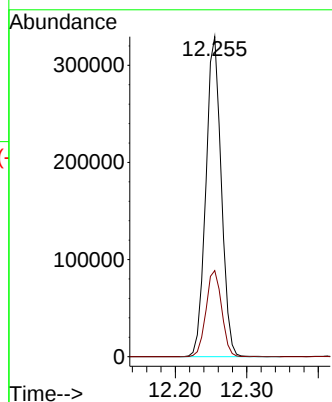
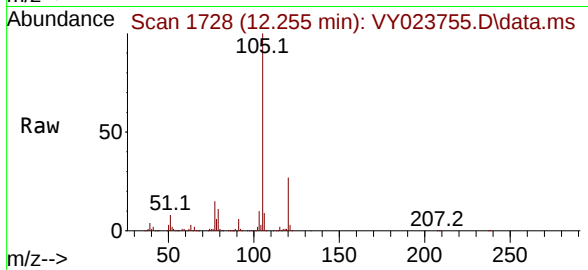
VY1112SBSD01

Tgt Ion:105 Resp: 491524

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7



#74

N-ethyl acetate

Concen: 21.636 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Tgt Ion: 43 Resp: 85724

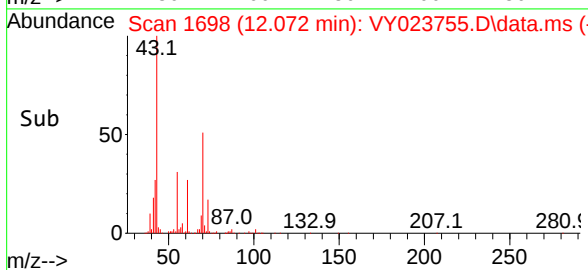
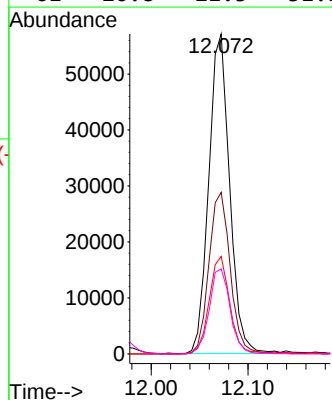
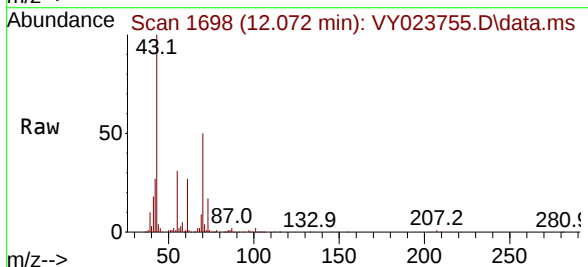
Ion Ratio Lower Upper

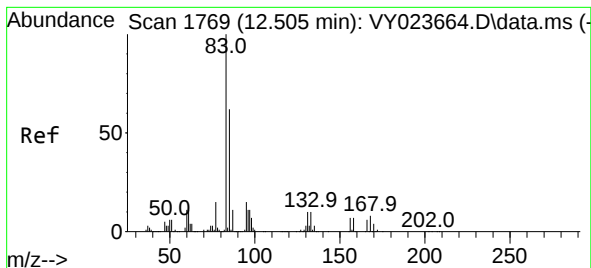
43 100

70 52.0 40.1 60.1

55 30.3 23.0 34.6

61 26.8 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.262 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

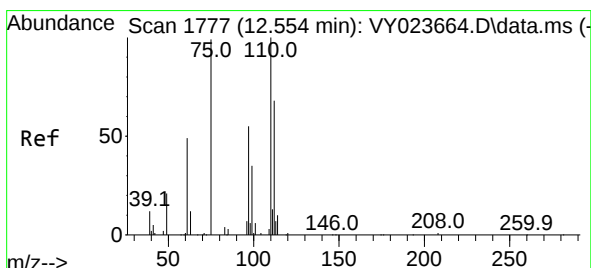
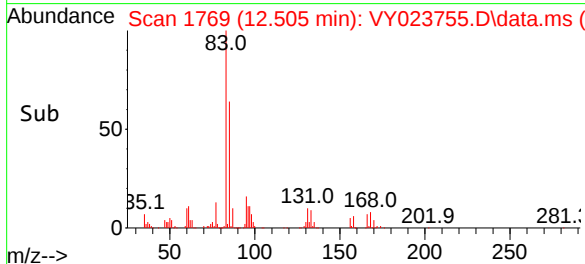
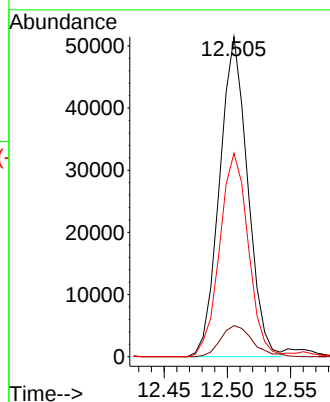
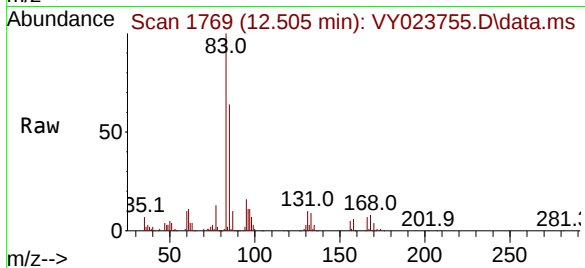
Tgt Ion: 83 Resp: 79468

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

85 65.2 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 37.842 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY023755.D

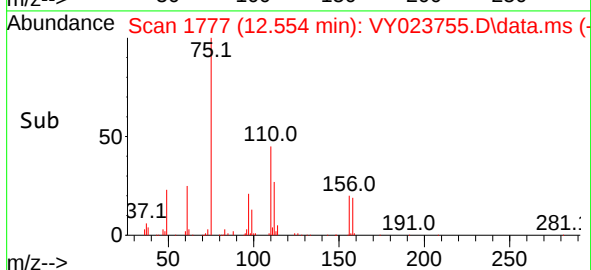
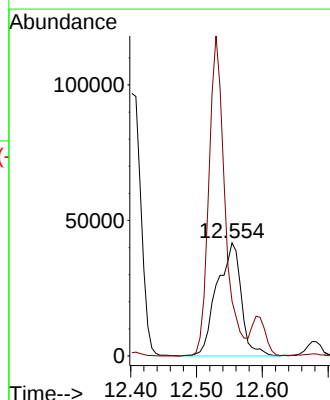
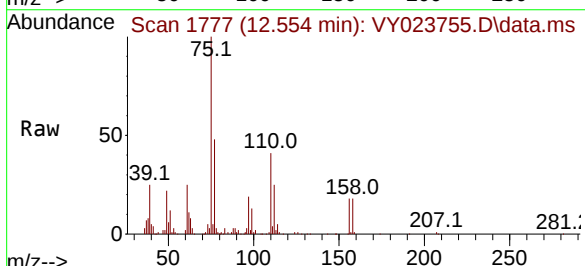
Acq: 12 Nov 2025 11:27

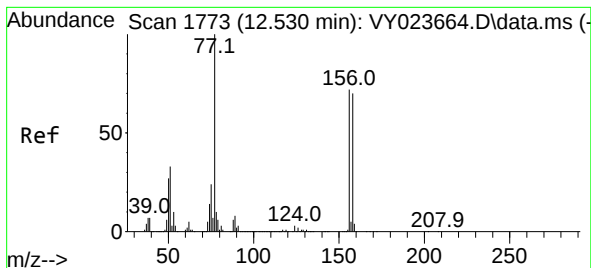
Tgt Ion: 75 Resp: 107159

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.976 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBSD01

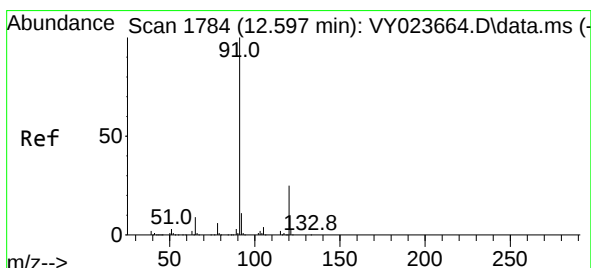
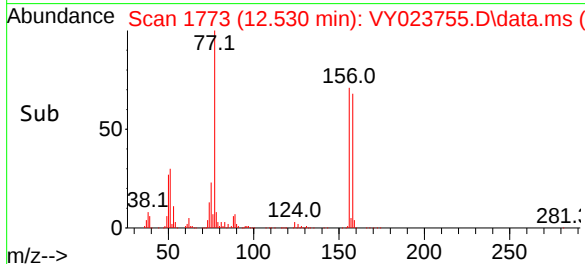
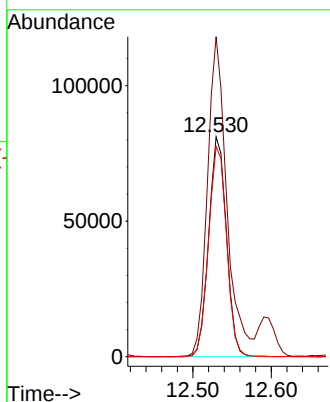
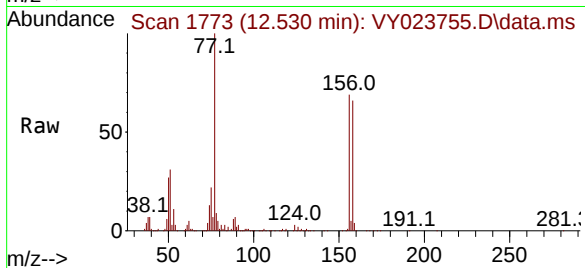
Tgt Ion:156 Resp: 127328

Ion Ratio Lower Upper

156 100

77 159.5 77.9 233.7

158 97.2 48.5 145.5



#78

n-propylbenzene

Concen: 21.236 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY023755.D

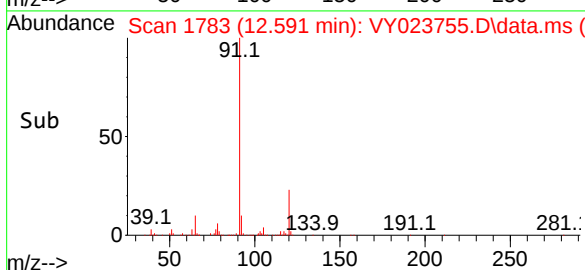
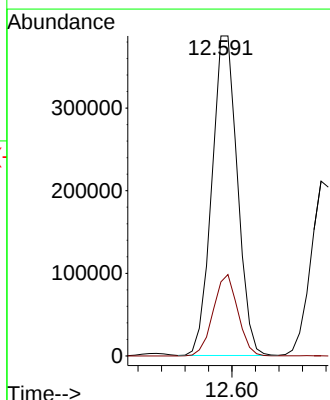
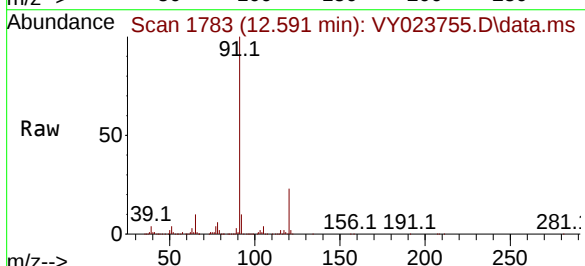
Acq: 12 Nov 2025 11:27

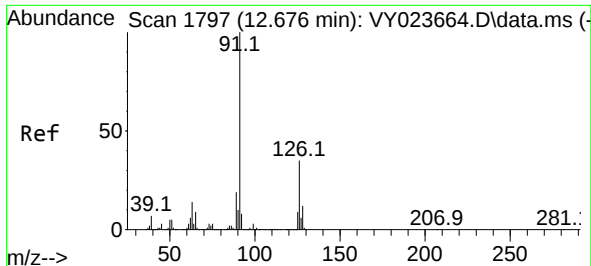
Tgt Ion: 91 Resp: 584545

Ion Ratio Lower Upper

91 100

120 24.5 12.0 36.1

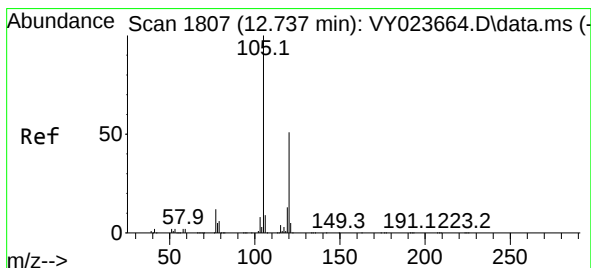
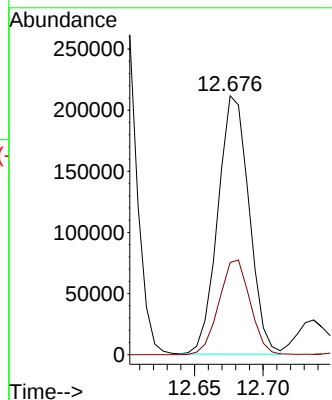
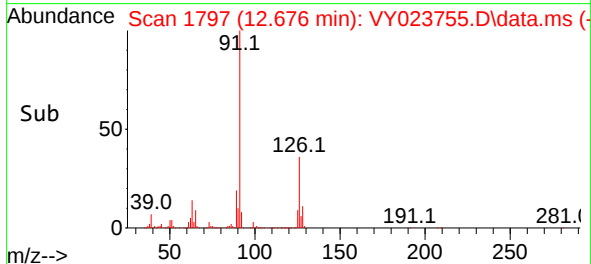
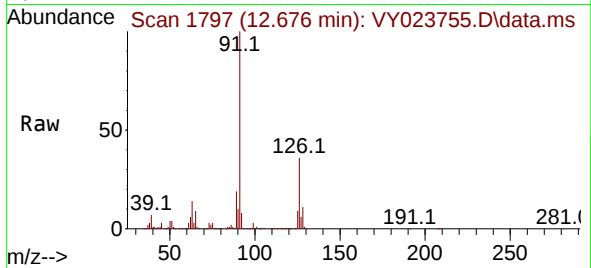




#79
2-Chlorotoluene
Concen: 21.013 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

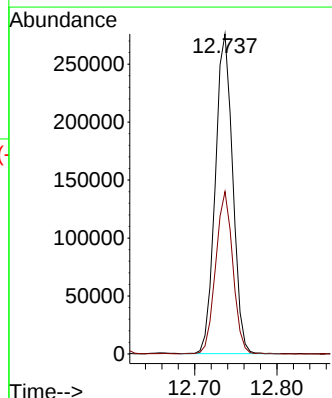
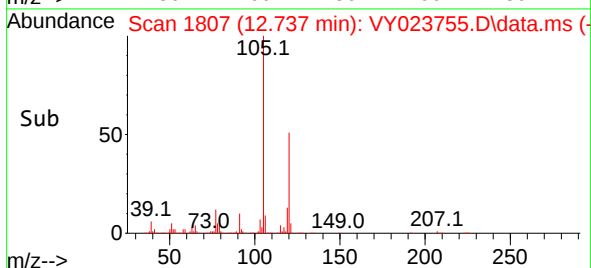
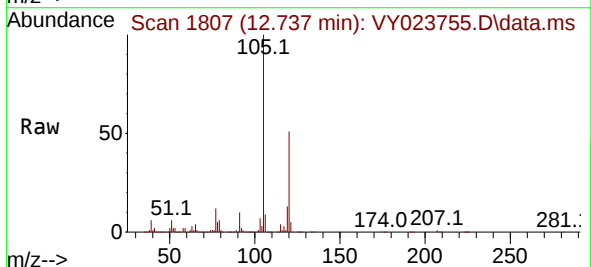
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

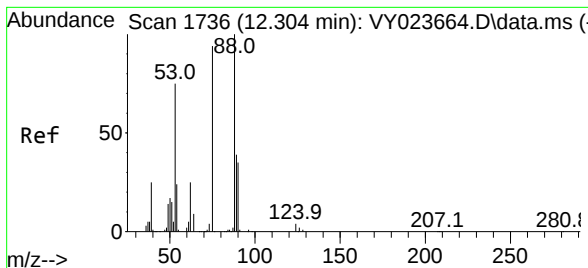
Tgt Ion: 91 Resp: 335651
Ion Ratio Lower Upper
91 100
126 36.6 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 21.333 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 105 Resp: 405620
Ion Ratio Lower Upper
105 100
120 50.2 25.4 76.2

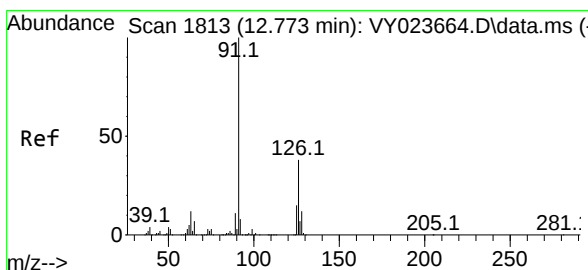
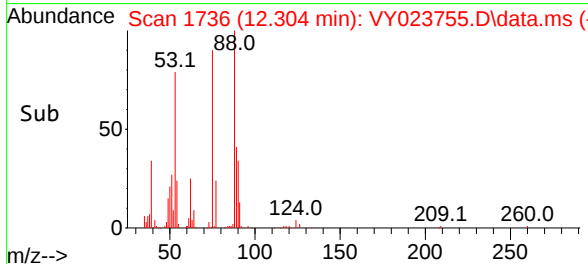
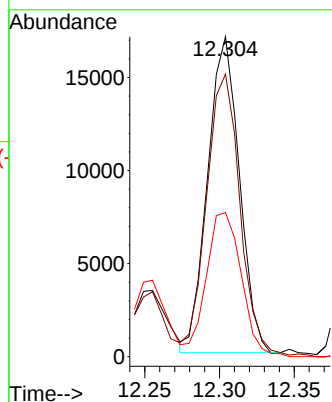
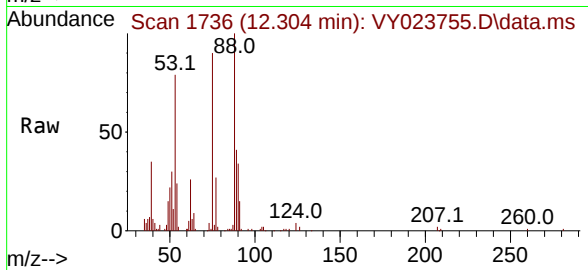




#81
trans-1,4-Dichloro-2-butene
Concen: 19.972 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

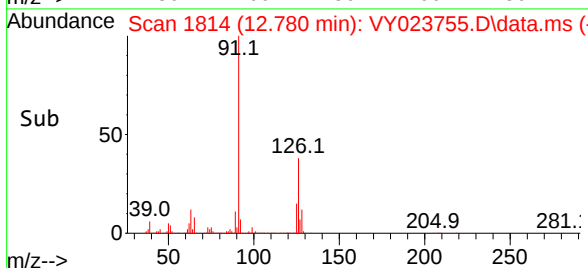
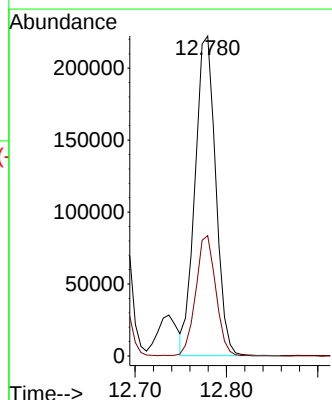
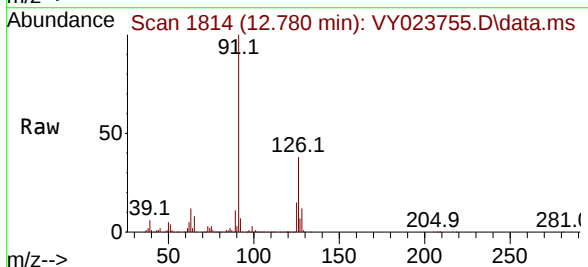
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

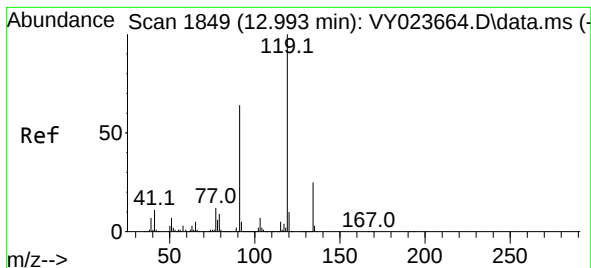
Tgt Ion: 75 Resp: 25025
Ion Ratio Lower Upper
75 100
53 95.2 69.6 104.4
89 50.5 38.2 57.4



#82
4-Chlorotoluene
Concen: 21.149 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 91 Resp: 348395
Ion Ratio Lower Upper
91 100
126 36.7 18.1 54.4





#83

tert-Butylbenzene

Concen: 20.779 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBSD01

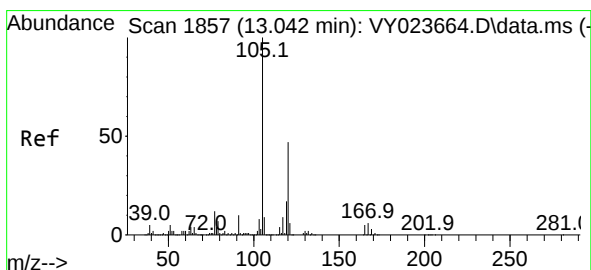
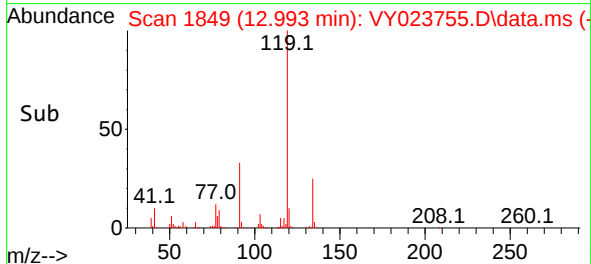
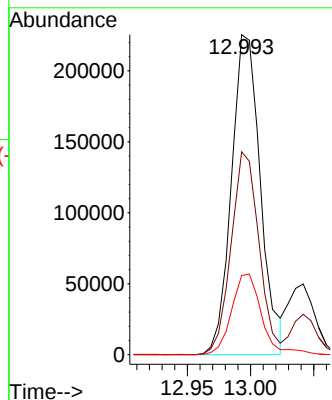
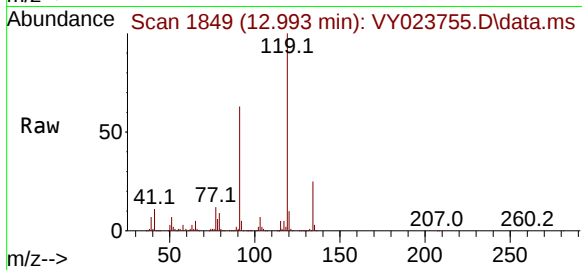
Tgt Ion:119 Resp: 359841

Ion Ratio Lower Upper

119 100

91 60.9 30.7 92.1

134 26.2 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 21.146 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023755.D

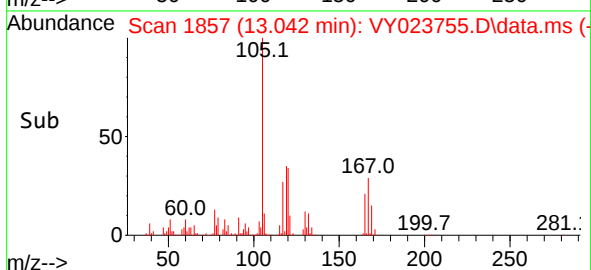
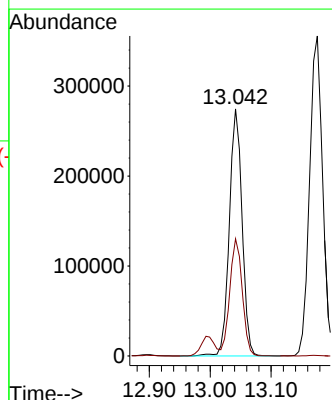
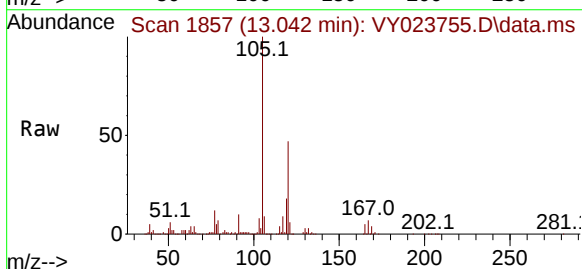
Acq: 12 Nov 2025 11:27

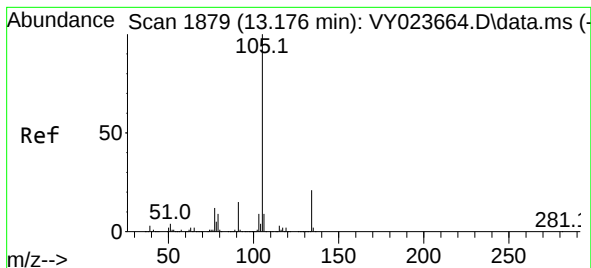
Tgt Ion:105 Resp: 398224

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.060 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

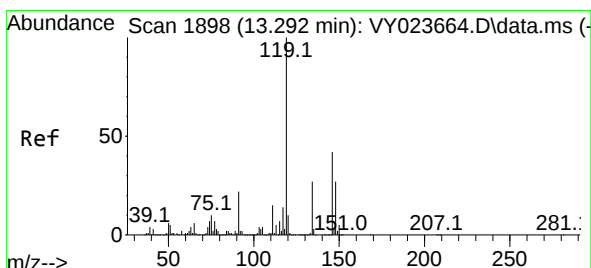
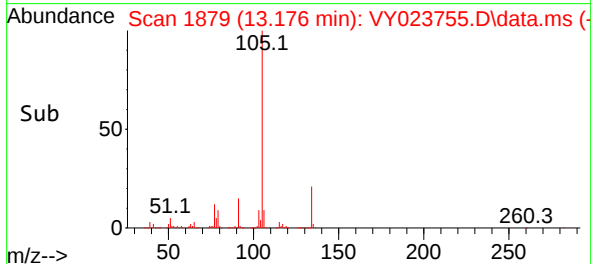
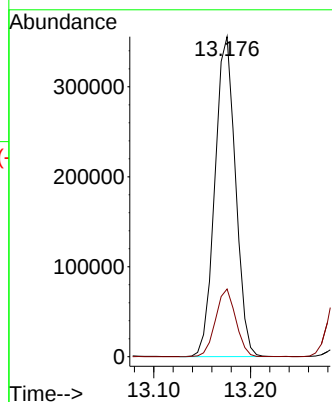
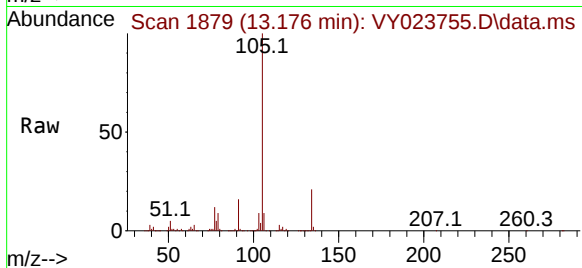
VY1112SBSD01

Tgt Ion:105 Resp: 526022

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



#86

p-Isopropyltoluene

Concen: 20.932 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

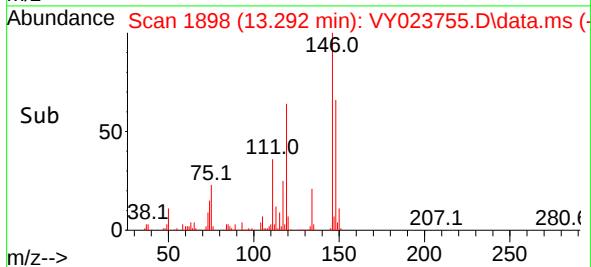
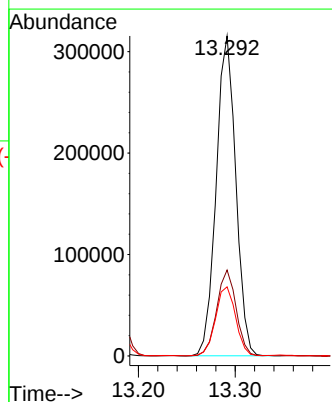
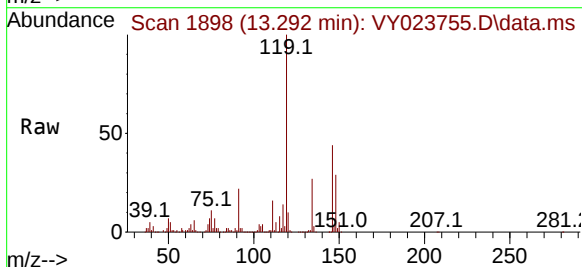
Tgt Ion:119 Resp: 442600

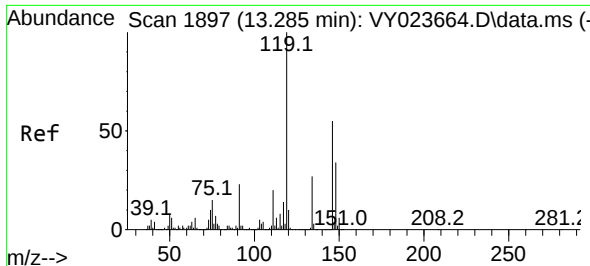
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.1 11.1 33.1

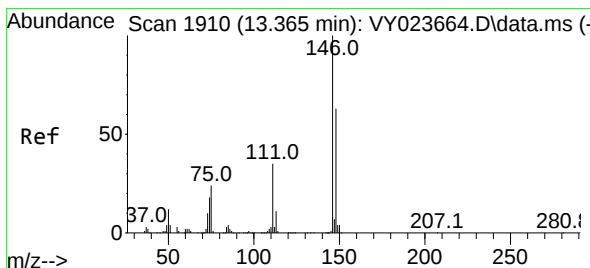
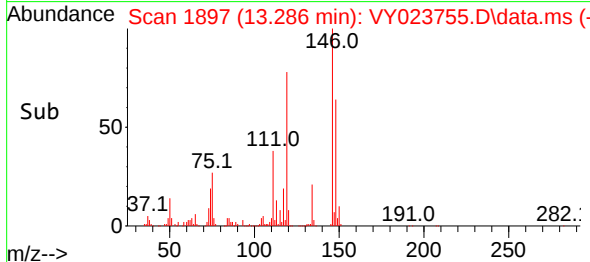
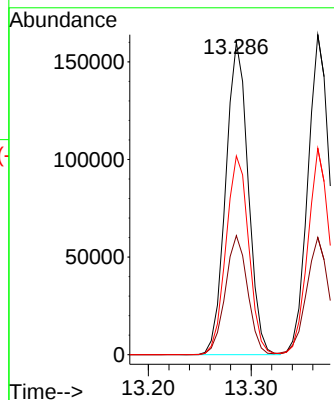
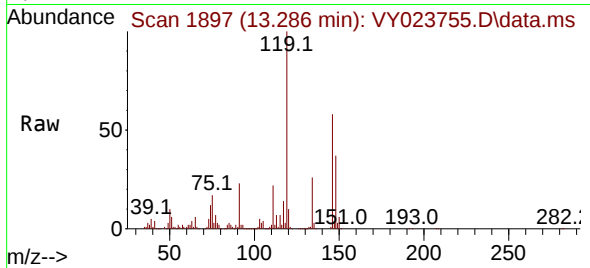




#87
 1,3-Dichlorobenzene
 Concen: 20.363 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023755.D
 Acq: 12 Nov 2025 11:27

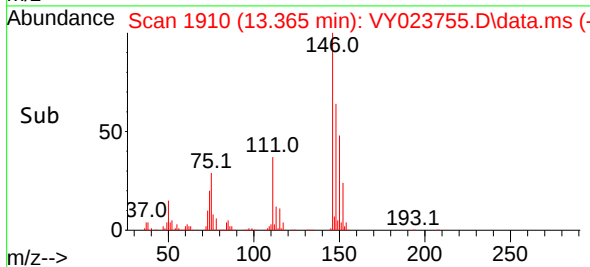
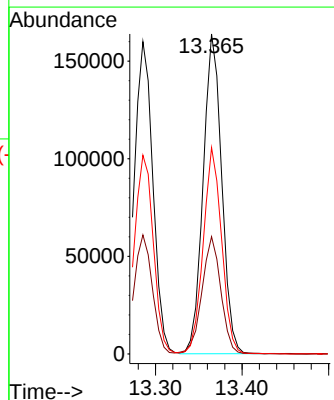
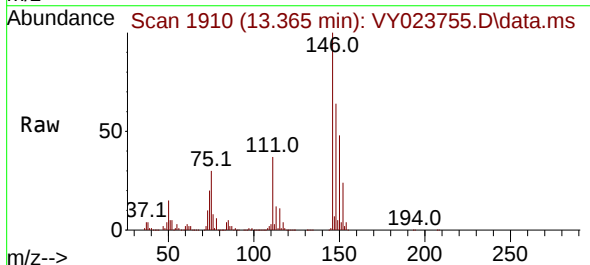
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBSD01

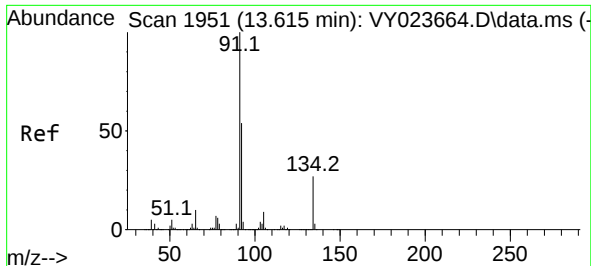
Tgt Ion:146 Resp: 243286
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.3
 148 64.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.773 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023755.D
 Acq: 12 Nov 2025 11:27

Tgt Ion:146 Resp: 243795
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.3 54.8
 148 64.1 31.8 95.3

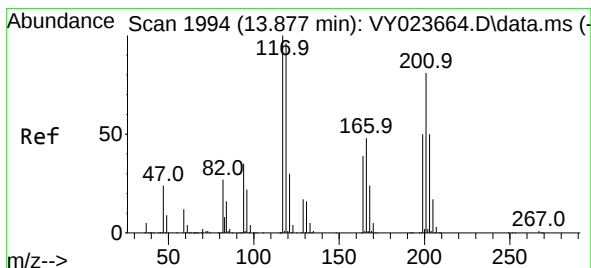
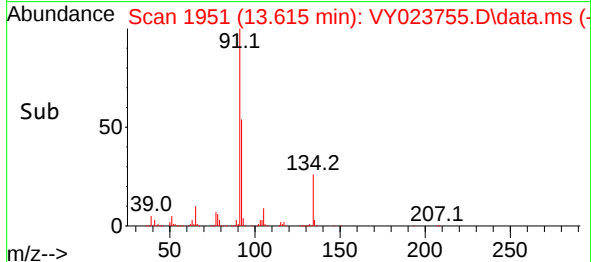
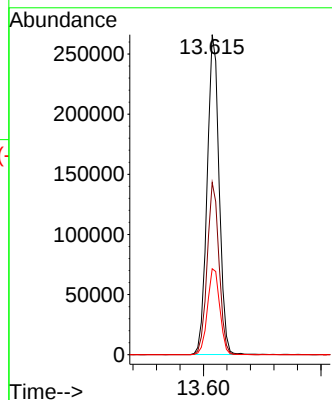
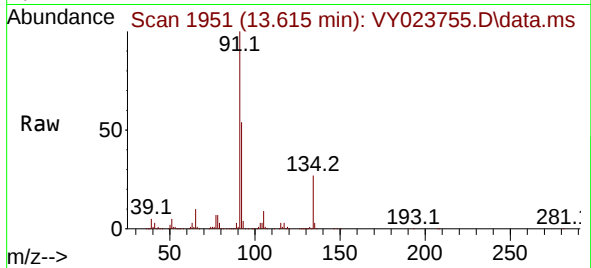




#89
n-Butylbenzene
Concen: 20.458 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

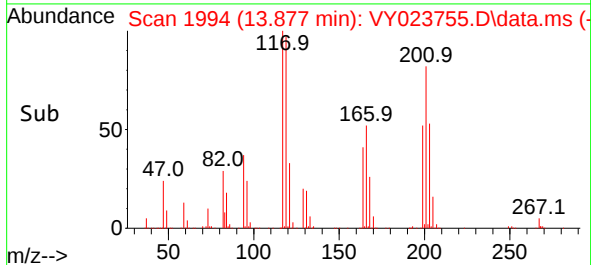
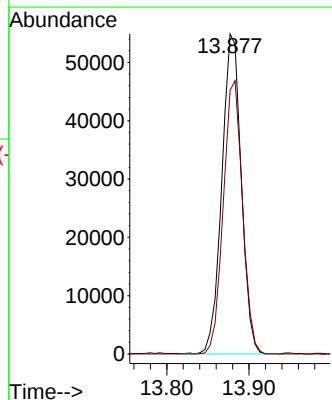
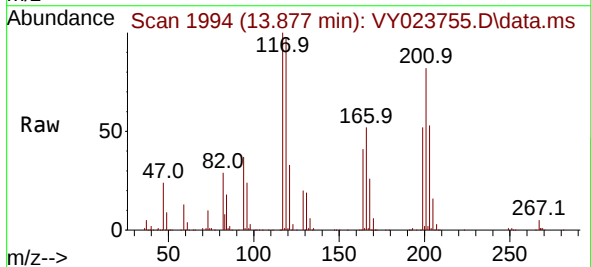
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

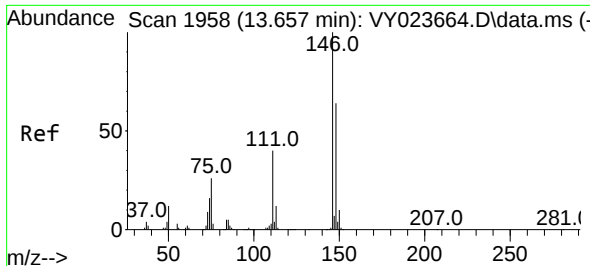
Tgt Ion: 91 Resp: 376156
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.4
134 27.6 13.7 41.1



#90
Hexachloroethane
Concen: 19.888 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 117 Resp: 90369
Ion Ratio Lower Upper
117 100
201 84.1 42.3 126.8

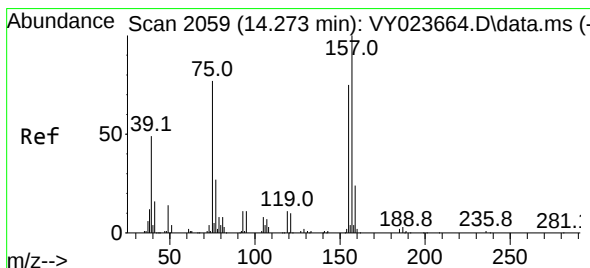
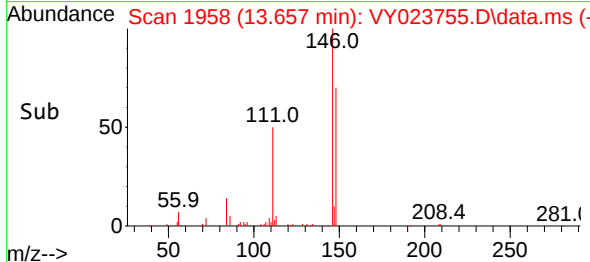
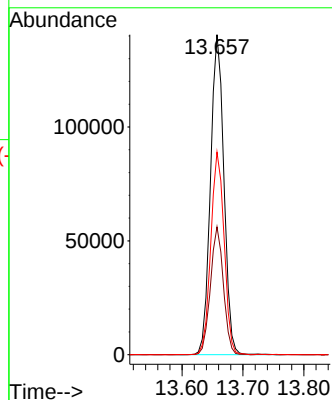
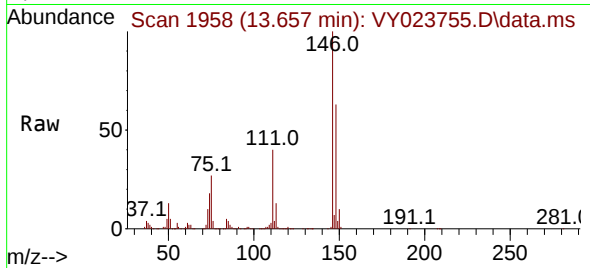




#91
1,2-Dichlorobenzene
Concen: 20.841 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

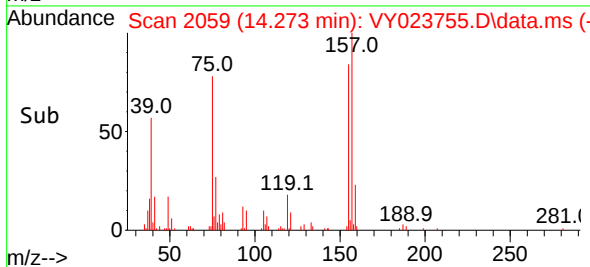
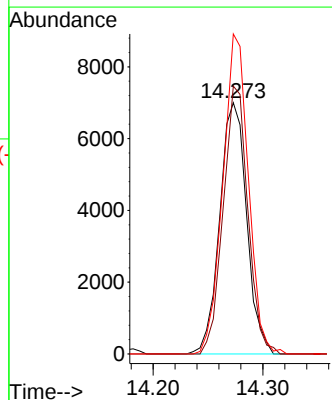
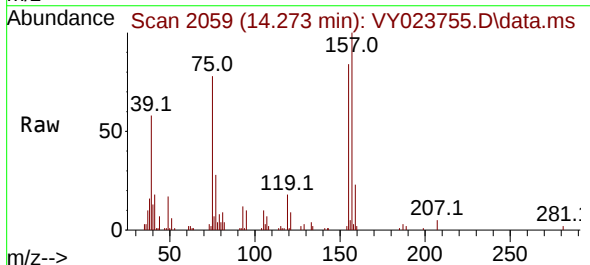
Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

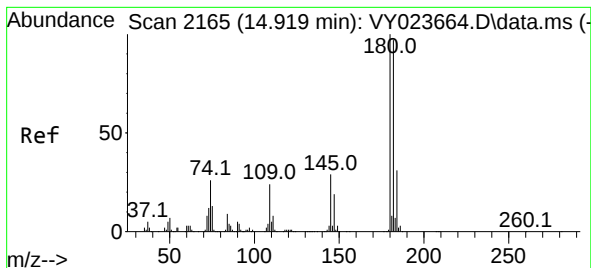
Tgt Ion:146 Resp: 214583
Ion Ratio Lower Upper
146 100
111 38.6 19.5 58.5
148 63.0 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.741 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023755.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 75 Resp: 11936
Ion Ratio Lower Upper
75 100
155 97.8 49.4 148.2
157 120.9 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 20.044 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBSD01

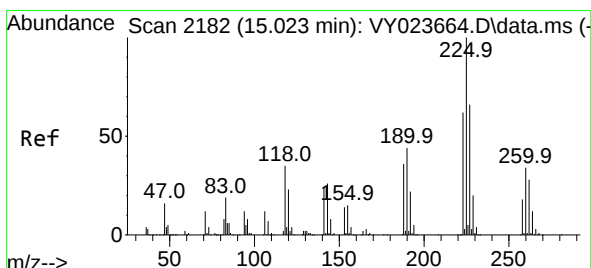
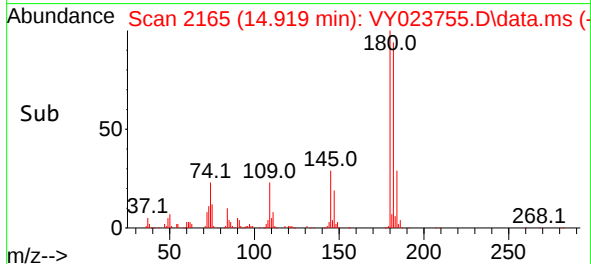
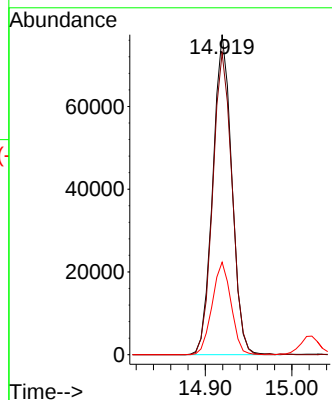
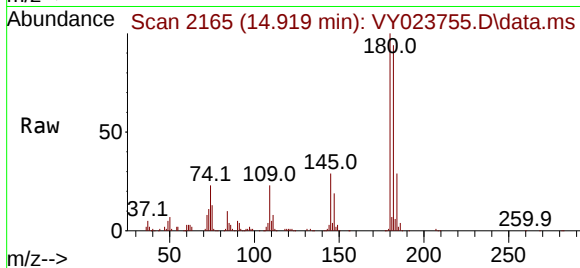
Tgt Ion:180 Resp: 118044

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.6

145 28.7 14.4 43.4



#94

Hexachlorobutadiene

Concen: 20.010 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

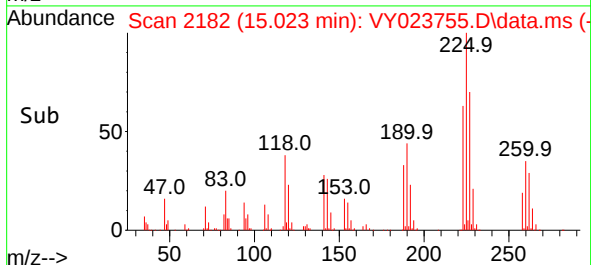
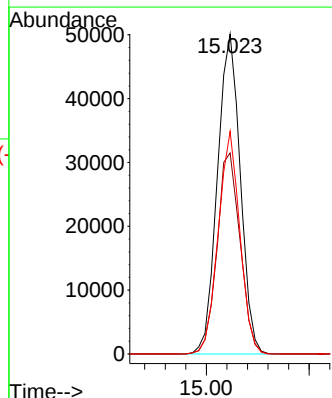
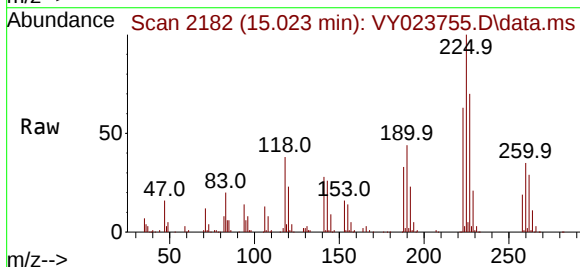
Tgt Ion:225 Resp: 77214

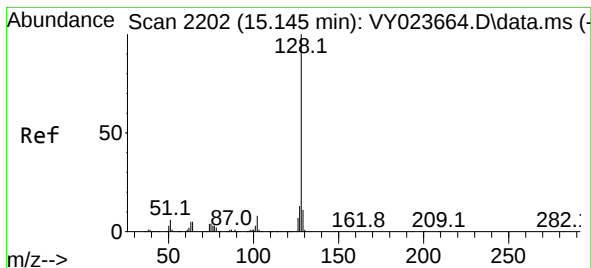
Ion Ratio Lower Upper

225 100

223 63.4 30.8 92.3

227 65.9 32.0 96.2





#95

Naphthalene

Concen: 20.669 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

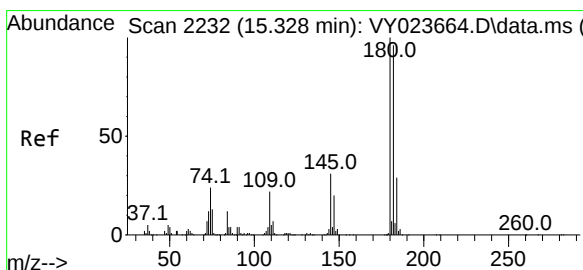
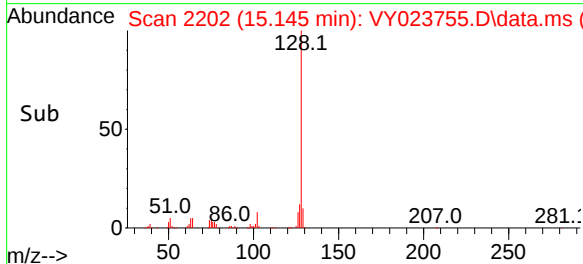
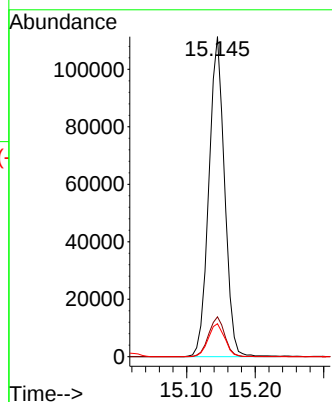
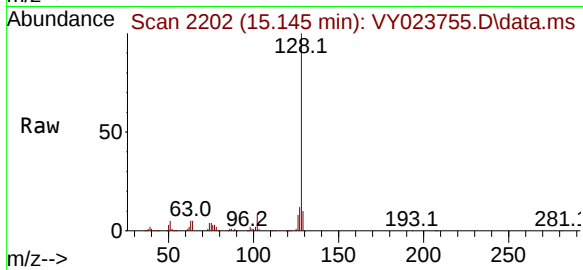
Tgt Ion:128 Resp: 177293

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.601 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023755.D

Acq: 12 Nov 2025 11:27

Tgt Ion:180 Resp: 101369

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.6

145 29.9 15.5 46.5

