

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022254.D
 Acq On : 15 May 2025 10:16
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: May 16 01:21:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	265034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	446109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	377211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	171972	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	29608	10.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.440%#
35) Dibromofluoromethane	7.634	113	26242	9.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.720%#
50) Toluene-d8	10.109	98	107048	9.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.640%#
62) 4-Bromofluorobenzene	12.408	95	34423	9.959	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.920%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	31097	11.245	ug/l	99
3) Chloromethane	2.068	50	65589	11.275	ug/l	98
4) Vinyl Chloride	2.202	62	69800	10.739	ug/l	95
5) Bromomethane	2.592	94	54773	10.352	ug/l	99
6) Chloroethane	2.732	64	43122	10.665	ug/l	99
7) Trichlorofluoromethane	3.056	101	68501	10.410	ug/l	99
8) Diethyl Ether	3.458	74	16945	10.730	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	30591	10.708	ug/l	99
10) Methyl Iodide	4.007	142	31088	9.402	ug/l	97
11) Tert butyl alcohol	4.878	59	12043	54.446	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	28831	10.170	ug/l	95
13) Acrolein	3.659	56	17927	55.439	ug/l	96
14) Allyl chloride	4.378	41	51275	10.315	ug/l	99
15) Acrylonitrile	5.061	53	33277	51.139	ug/l	100
16) Acetone	3.879	43	30229	55.657	ug/l	100
17) Carbon Disulfide	4.104	76	96591	10.448	ug/l	97
18) Methyl Acetate	4.385	43	16338	9.886	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	80714	10.326	ug/l	96
20) Methylene Chloride	4.622	84	42991	12.250	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	32258	10.309	ug/l	98
22) Diisopropyl ether	6.018	45	106493	10.145	ug/l	94
23) Vinyl Acetate	5.964	43	324651	51.192	ug/l	100
24) 1,1-Dichloroethane	5.915	63	60198	10.265	ug/l	97
25) 2-Butanone	6.896	43	48022	52.859	ug/l	98
26) 2,2-Dichloropropane	6.890	77	54264	10.403	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	36403	10.081	ug/l	98
28) Bromochloromethane	7.244	49	25664	10.259	ug/l	98
29) Tetrahydrofuran	7.274	42	30684	52.498	ug/l	98
30) Chloroform	7.421	83	57172	10.163	ug/l	100
31) Cyclohexane	7.701	56	63155	10.778	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	52856	10.242	ug/l	99
36) 1,1-Dichloropropene	7.835	75	44817	10.219	ug/l	97
37) Ethyl Acetate	6.994	43	20624	9.774	ug/l	97
38) Carbon Tetrachloride	7.817	117	46772	10.303	ug/l	97
39) Methylcyclohexane	9.109	83	60489	10.266	ug/l	98
40) Benzene	8.079	78	130423	10.032	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	11895	7.704	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	35565	10.115	ug/l	100
43) Isopropyl Acetate	8.201	43	47020	10.217	ug/l	98
44) Trichloroethene	8.865	130	32655	10.101	ug/l	99
45) 1,2-Dichloropropane	9.140	63	32172	10.264	ug/l	93
46) Dibromomethane	9.231	93	17134	10.135	ug/l	99
47) Bromodichloromethane	9.426	83	44045	10.042	ug/l	96
48) Methyl methacrylate	9.225	41	21202	9.851	ug/l	98
49) 1,4-Dioxane	9.231	88	3930	205.769	ug/l #	75
51) 4-Methyl-2-Pentanone	9.999	43	110396	48.889	ug/l	100
52) Toluene	10.170	92	82453	10.015	ug/l	96
53) t-1,3-Dichloropropene	10.396	75	42158	9.849	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	48923	9.976	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	21720	10.033	ug/l	97
56) Ethyl methacrylate	10.438	69	32286	9.574	ug/l	98
57) 1,3-Dichloropropane	10.719	76	38908	10.115	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	66700	44.066	ug/l	100
59) 2-Hexanone	10.761	43	74432	49.162	ug/l	99
60) Dibromochloromethane	10.914	129	28002	9.965	ug/l	99
61) 1,2-Dibromoethane	11.018	107	20378	10.099	ug/l	99
64) Tetrachloroethene	10.646	164	36274	10.404	ug/l	99
65) Chlorobenzene	11.444	112	83730	9.839	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	28441	9.721	ug/l	97
67) Ethyl Benzene	11.517	91	154155	9.672	ug/l	97
68) m/p-Xylenes	11.627	106	116113	19.334	ug/l	99
69) o-Xylene	11.956	106	55896	9.837	ug/l	96
70) Styrene	11.969	104	91569	9.553	ug/l	99
71) Bromoform	12.133	173	16151	10.228	ug/l #	95
73) Isopropylbenzene	12.255	105	144186	10.120	ug/l	99
74) N-amyl acetate	12.072	43	40345	9.901	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	22243	10.152	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	33075	10.913	ug/l #	100
77) Bromobenzene	12.536	156	30445	10.005	ug/l	99
78) n-propylbenzene	12.597	91	173575	10.101	ug/l	100
79) 2-Chlorotoluene	12.682	91	95815	10.146	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	116461	10.126	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	8934	10.388	ug/l	94
82) 4-Chlorotoluene	12.779	91	97309	10.018	ug/l	99
83) tert-Butylbenzene	12.999	119	102274	10.005	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	115175	10.088	ug/l	99
85) sec-Butylbenzene	13.176	105	153443	10.112	ug/l	100
86) p-Isopropyltoluene	13.291	119	124147	9.728	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	61011	9.822	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	60723	10.163	ug/l	97
89) n-Butylbenzene	13.621	91	120371	9.970	ug/l	99
90) Hexachloroethane	13.883	117	26089	10.127	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	52282	10.020	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3588	10.155	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	29073	9.646	ug/l	99
94) Hexachlorobutadiene	15.023	225	16686	9.927	ug/l	98
95) Naphthalene	15.145	128	54307	9.495	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	24790	9.696	ug/l	98

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ClientSampleId :
VSTDICC010

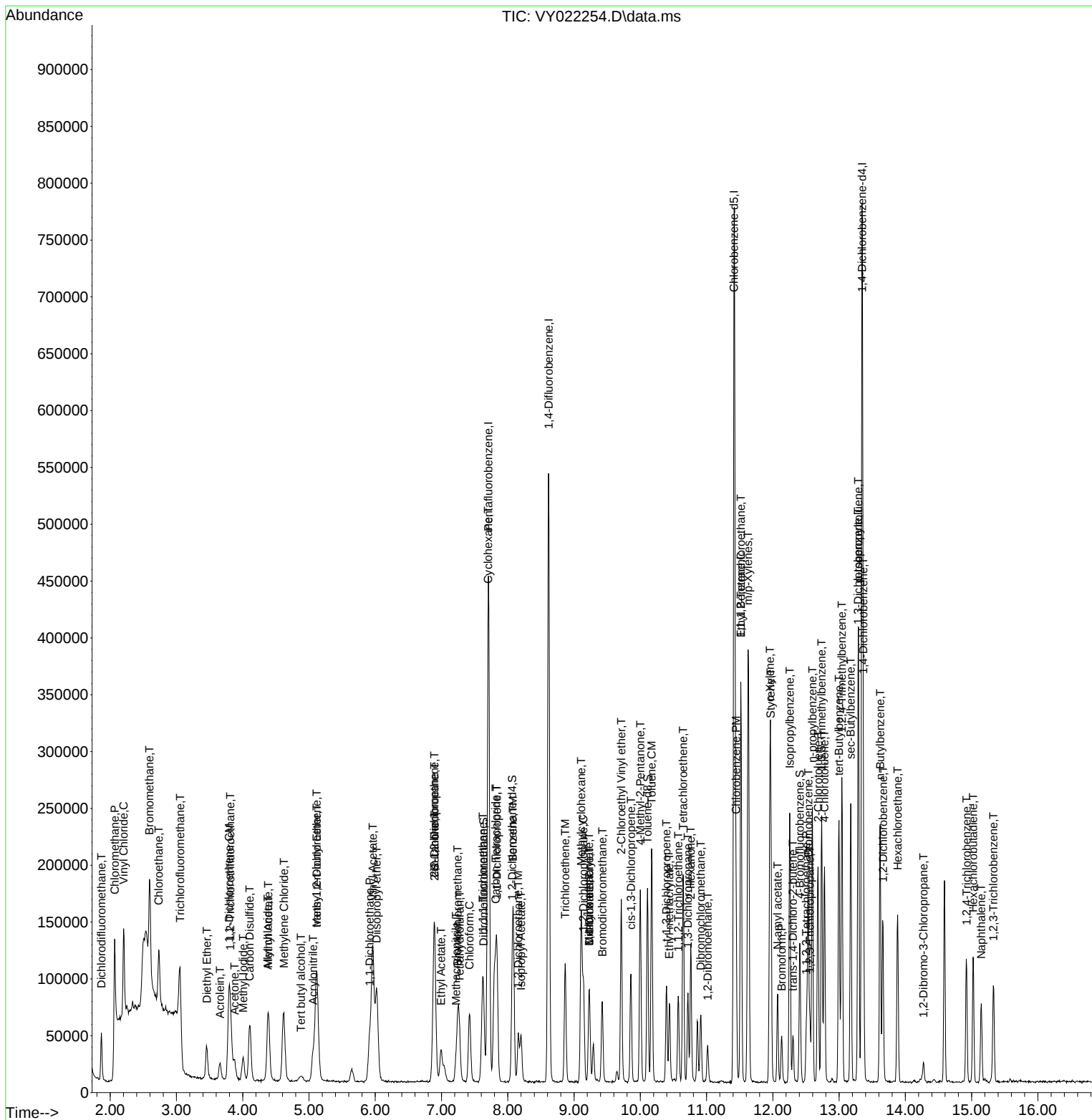
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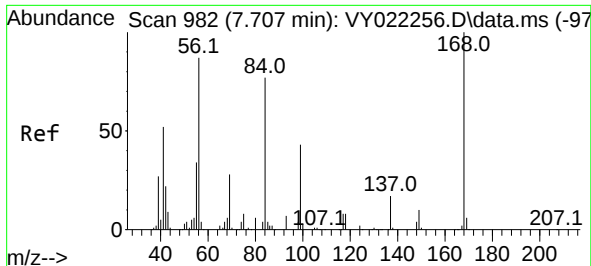
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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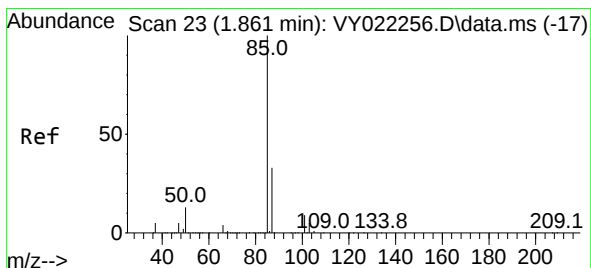
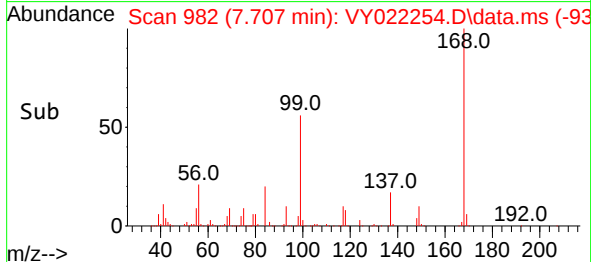
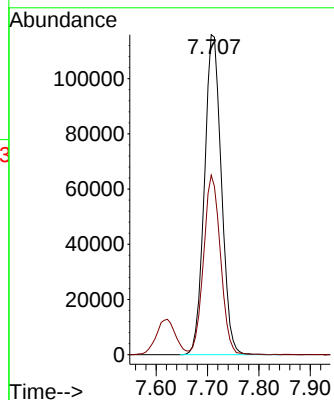
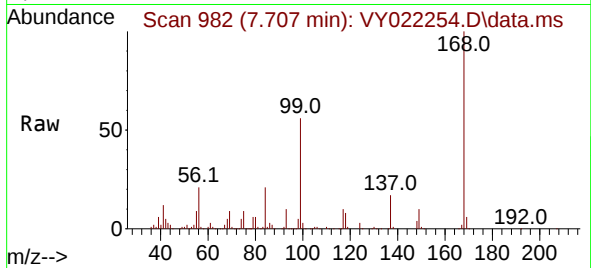




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
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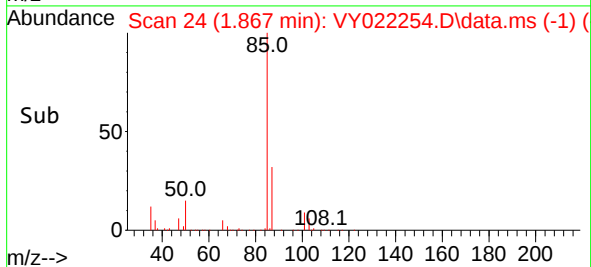
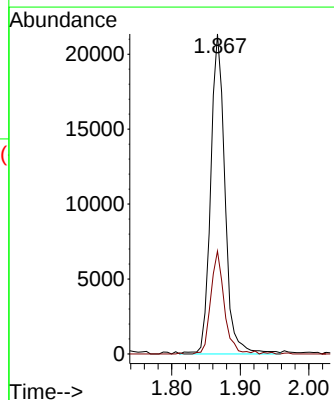
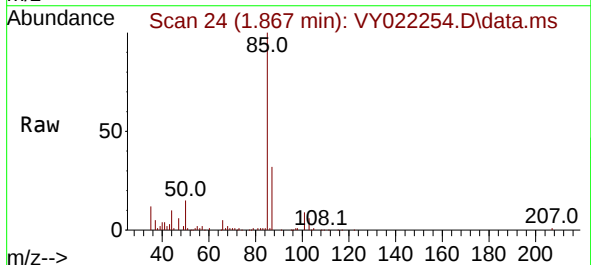
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

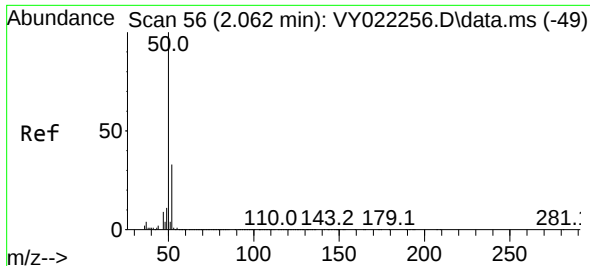
Tgt Ion:168 Resp: 265034
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 11.245 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 85 Resp: 31097
Ion Ratio Lower Upper
85 100
87 32.2 16.5 49.5

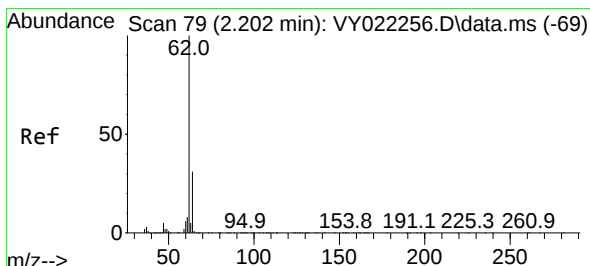
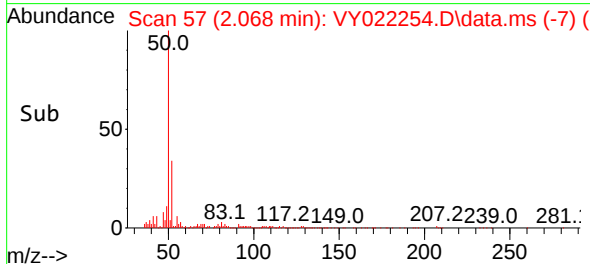
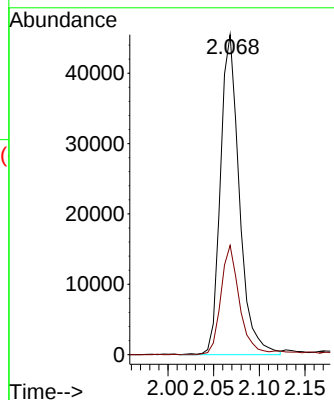
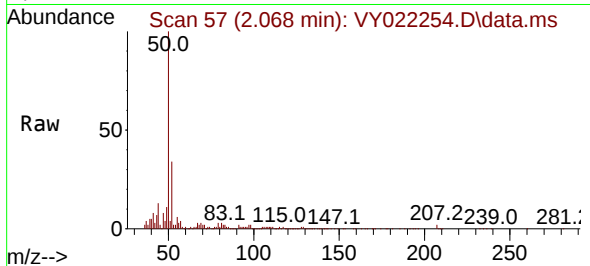




#3
Chloromethane
Concen: 11.275 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

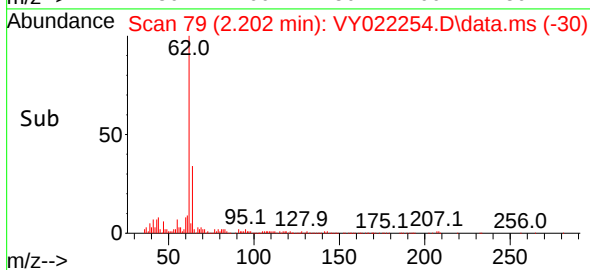
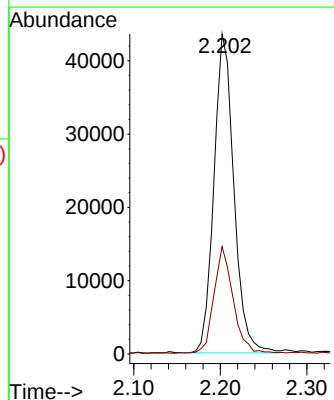
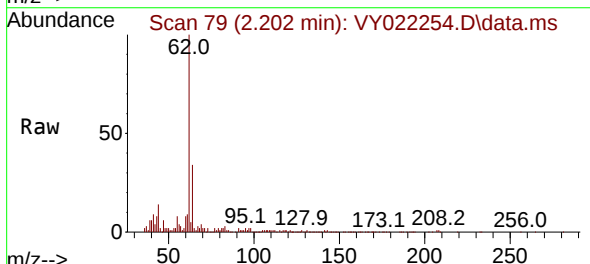
Instrument :
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Tgt Ion: 50 Resp: 65589
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7



#4
Vinyl Chloride
Concen: 10.739 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 62 Resp: 69800
Ion Ratio Lower Upper
62 100
64 33.2 24.5 36.7

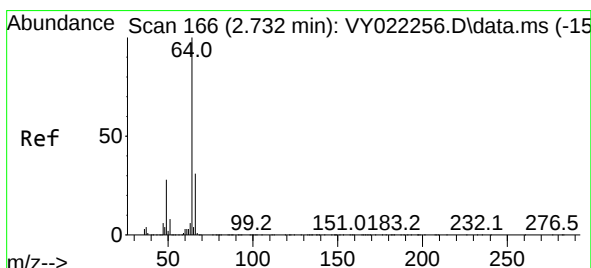
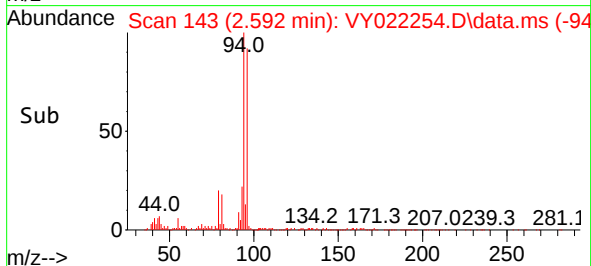
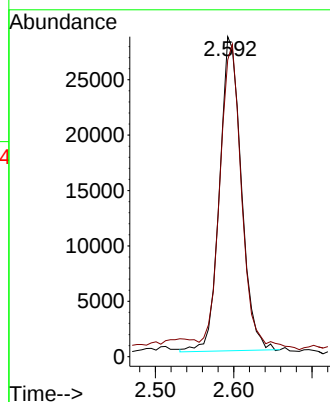
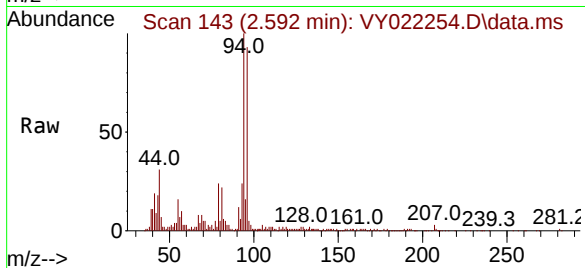




#5
Bromomethane
Concen: 10.352 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

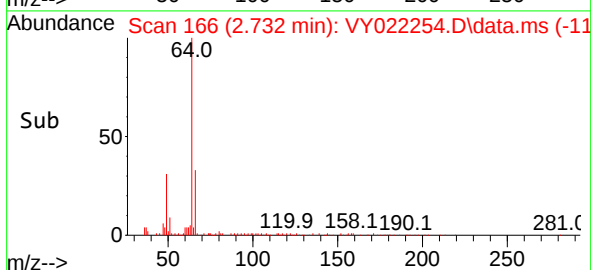
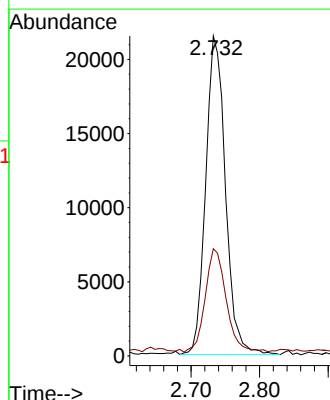
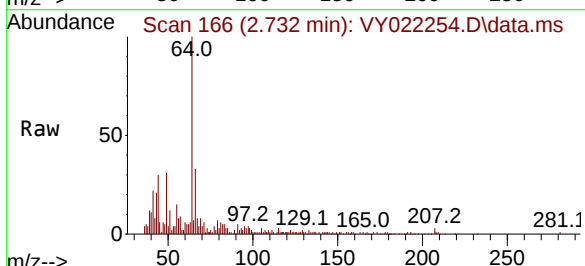
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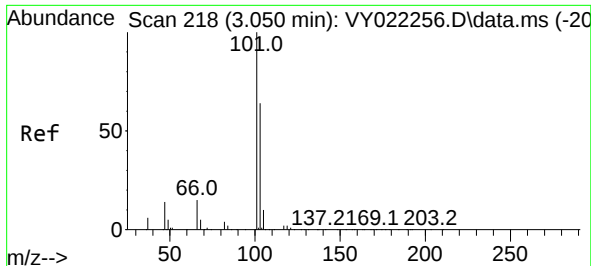
Tgt Ion: 94 Resp: 54773
Ion Ratio Lower Upper
94 100
96 90.9 73.4 110.0



#6
Chloroethane
Concen: 10.665 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 64 Resp: 43122
Ion Ratio Lower Upper
64 100
66 31.6 24.8 37.2

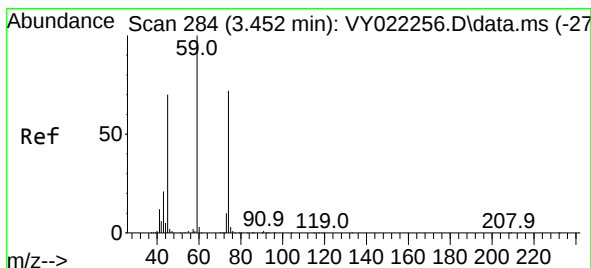
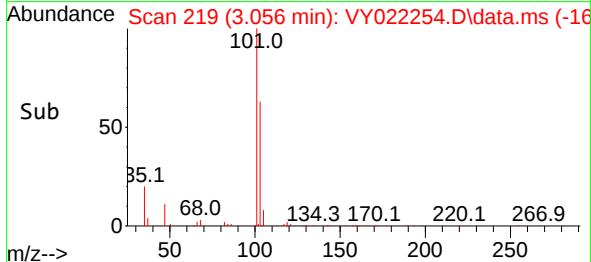
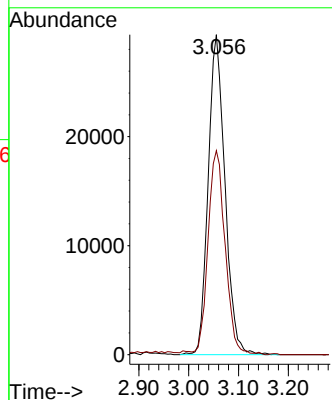
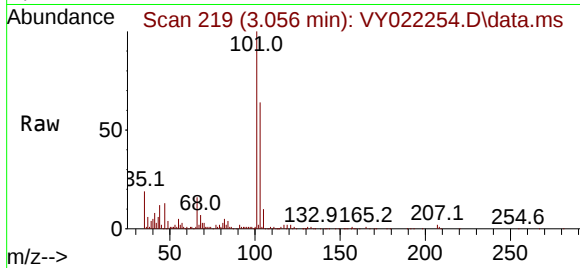




#7
 Trichlorofluoromethane
 Concen: 10.410 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

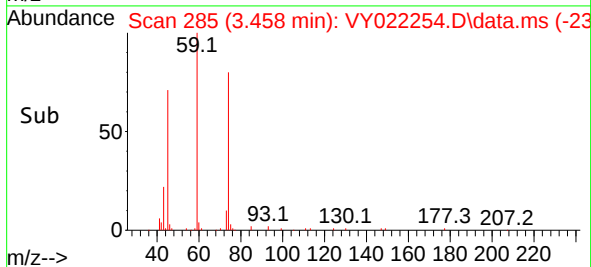
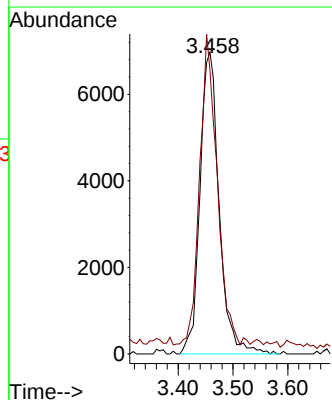
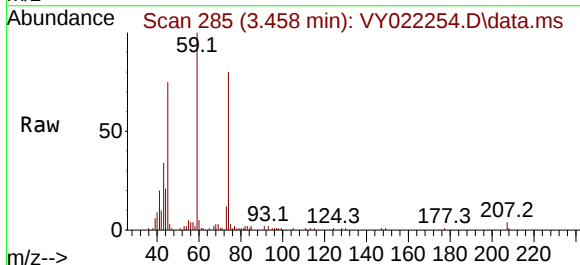
Instrument :
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Tgt Ion:101 Resp: 68501
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.7 77.5



#8
 Diethyl Ether
 Concen: 10.730 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

Tgt Ion: 74 Resp: 16945
 Ion Ratio Lower Upper
 74 100
 45 93.2 48.6 145.8

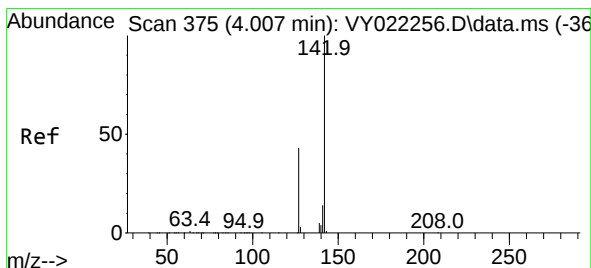
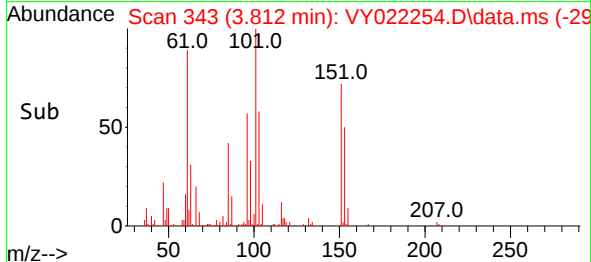
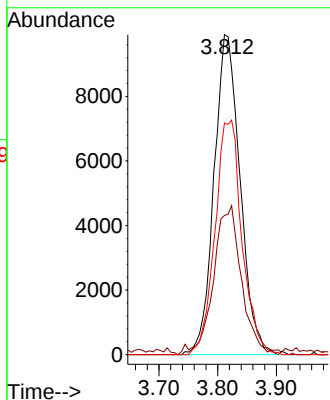
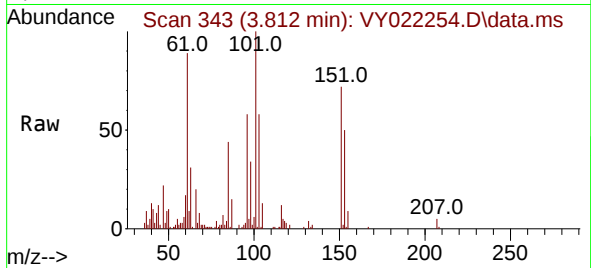




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.708 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022254.D
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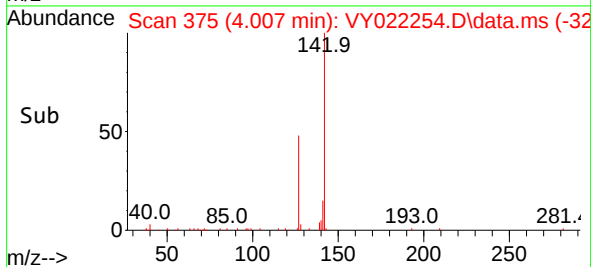
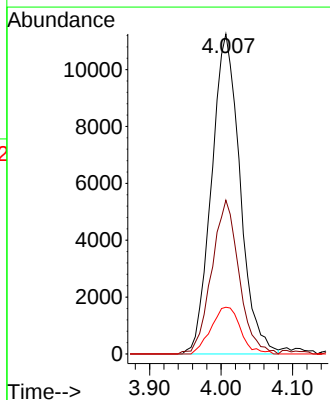
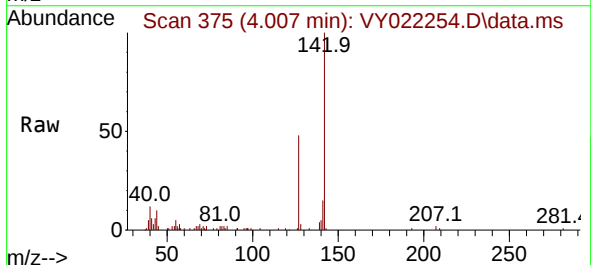
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

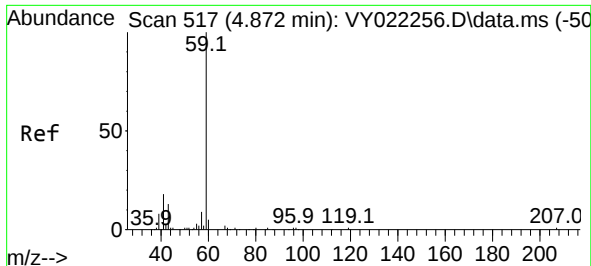
Tgt Ion:101 Resp: 30591
Ion Ratio Lower Upper
101 100
85 47.5 38.6 58.0
151 75.6 59.7 89.5



#10
Methyl Iodide
Concen: 9.402 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion:142 Resp: 31088
Ion Ratio Lower Upper
142 100
127 46.2 35.7 53.5
141 15.1 11.1 16.7

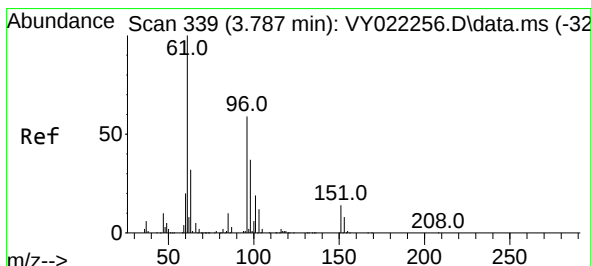
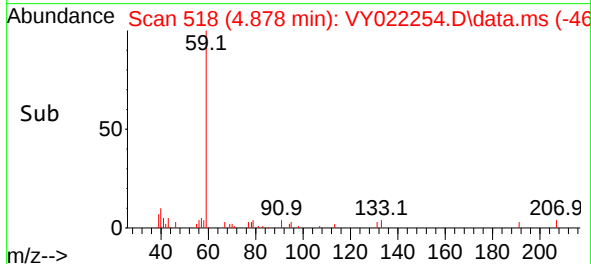
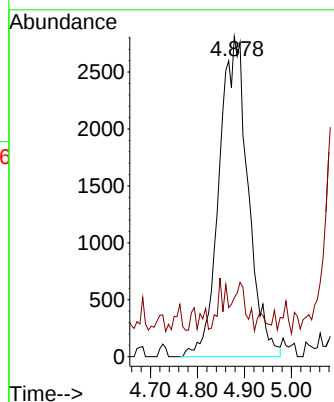
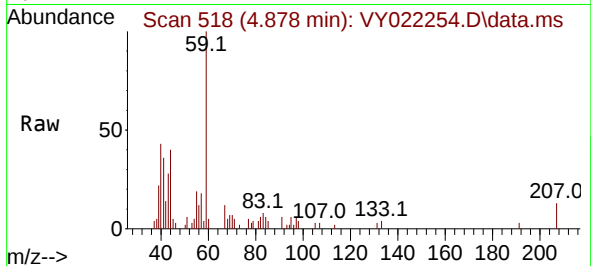




#11
Tert butyl alcohol
Concen: 54.446 ug/l
RT: 4.878 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

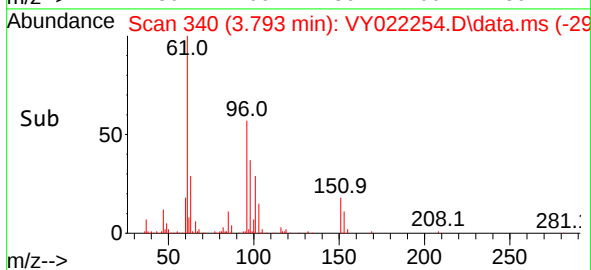
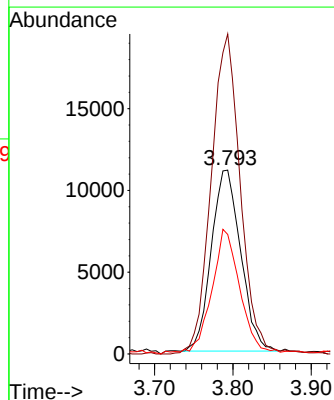
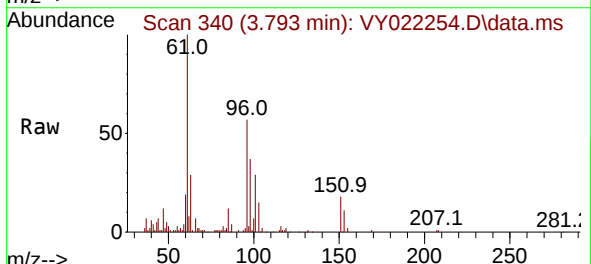
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

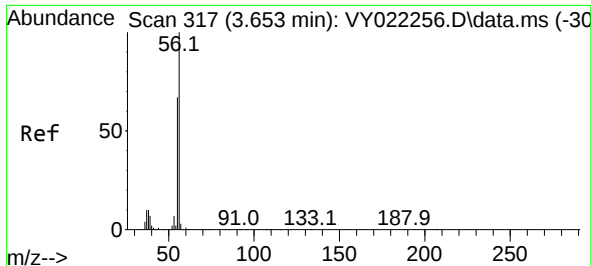
Tgt Ion: 59 Resp: 12043
Ion Ratio Lower Upper
59 100
57 5.7 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 10.170 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 96 Resp: 28831
Ion Ratio Lower Upper
96 100
61 176.2 134.9 202.3
98 65.1 49.9 74.9

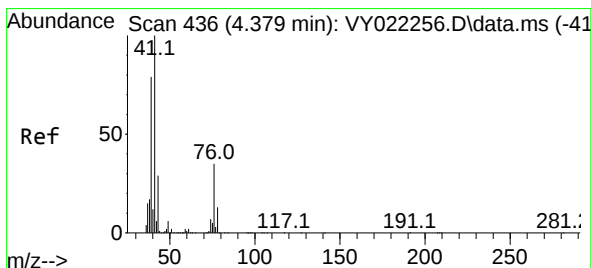
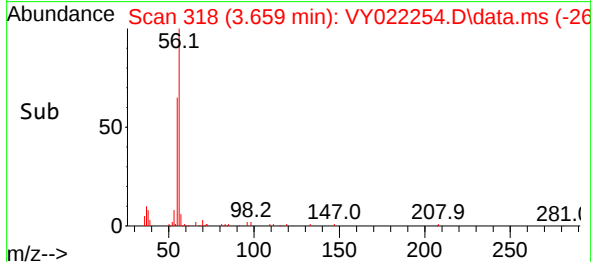
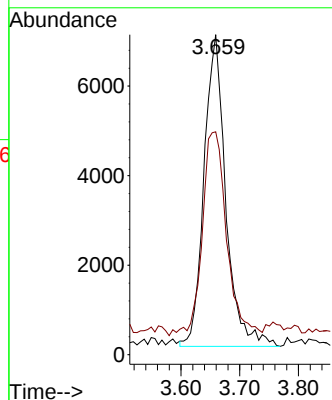
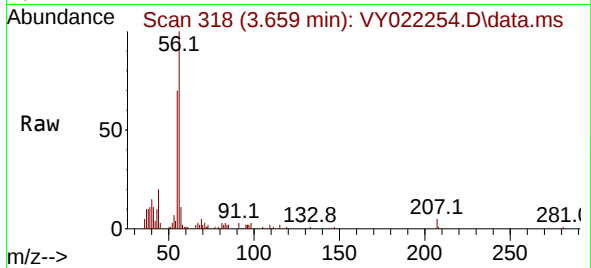




#13
Acrolein
Concen: 55.439 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

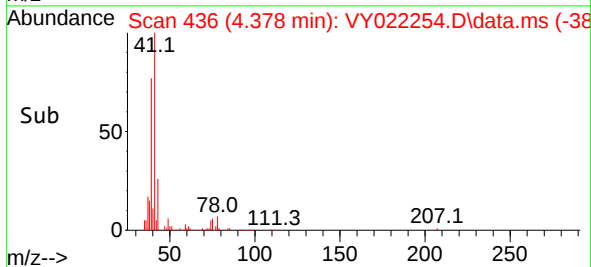
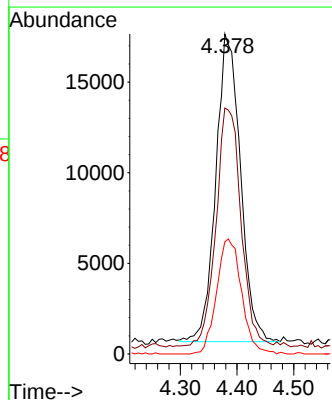
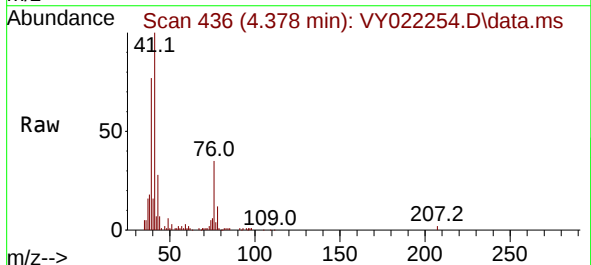
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

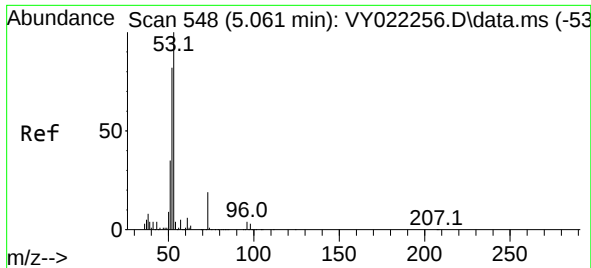
Tgt Ion: 56 Resp: 17927
Ion Ratio Lower Upper
56 100
55 73.0 55.6 83.4



#14
Allyl chloride
Concen: 10.315 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 41 Resp: 51275
Ion Ratio Lower Upper
41 100
39 79.2 63.4 95.0
76 37.8 29.5 44.3

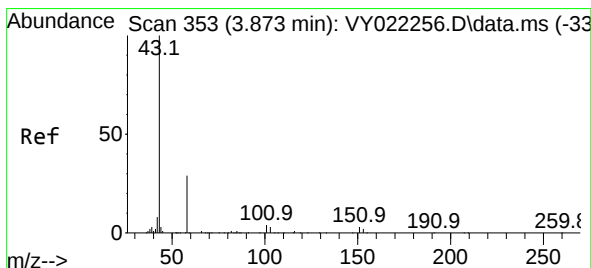
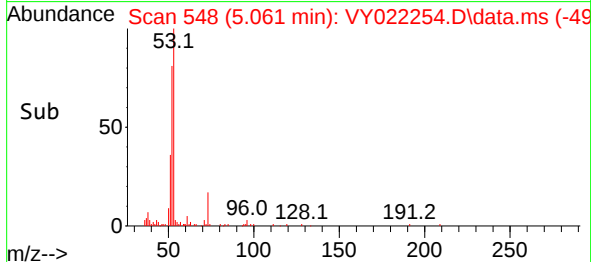
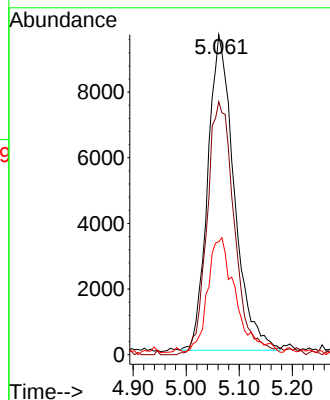
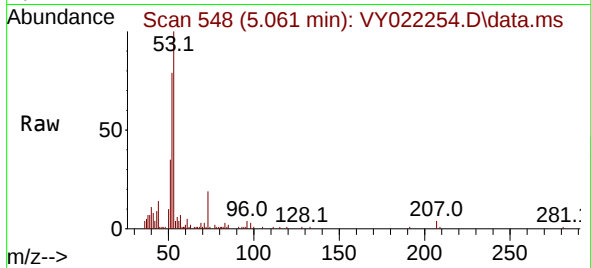




#15
Acrylonitrile
Concen: 51.139 ug/l
RT: 5.061 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

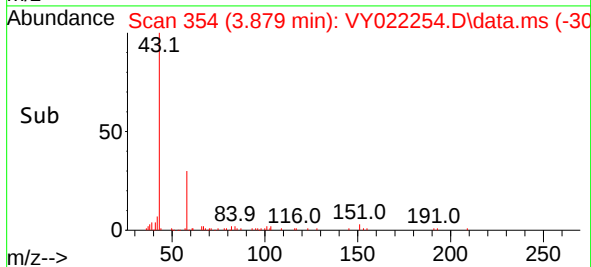
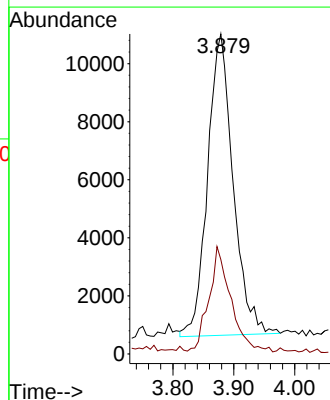
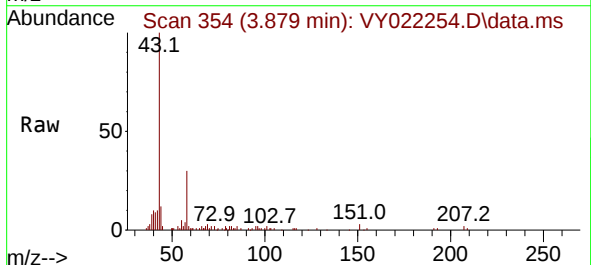
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

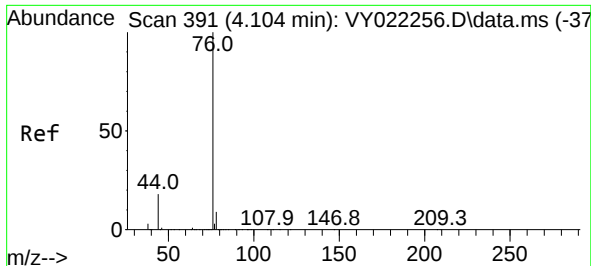
Tgt Ion:	53	Resp:	33277
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.1	99.1
51	38.2	30.0	45.0



#16
Acetone
Concen: 55.657 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion:	43	Resp:	30229
Ion	Ratio	Lower	Upper
43	100		
58	29.5	23.6	35.4

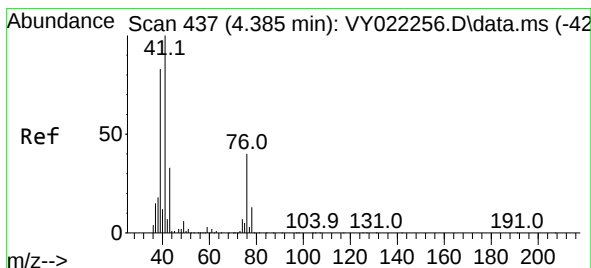
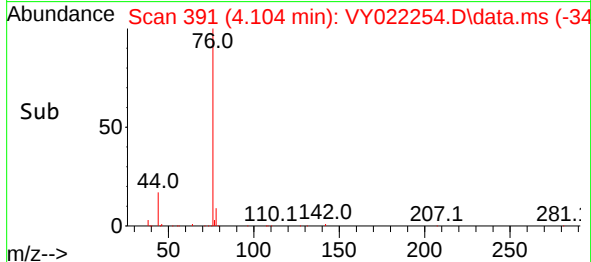
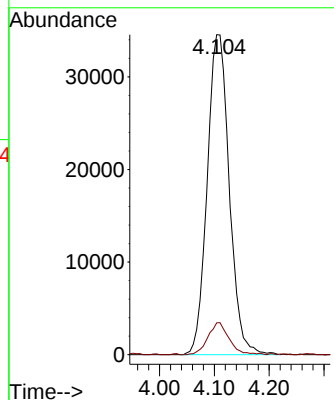
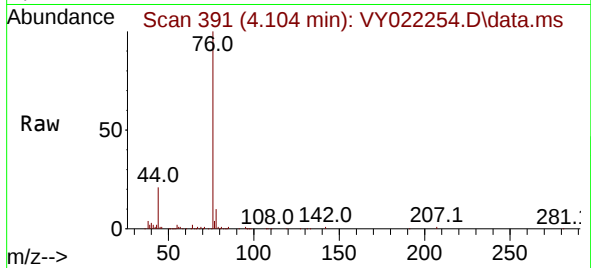




#17
Carbon Disulfide
Concen: 10.448 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

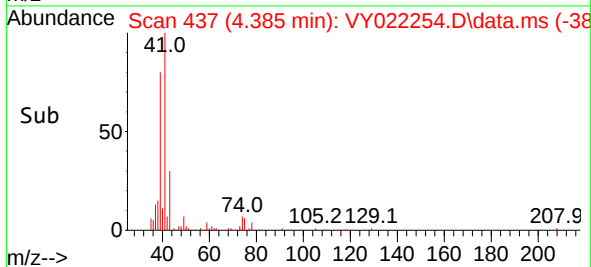
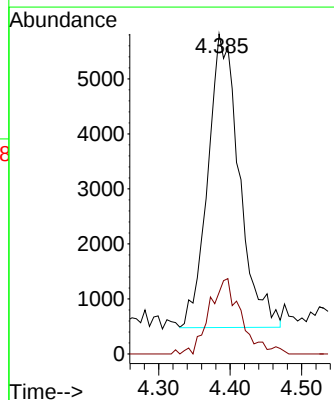
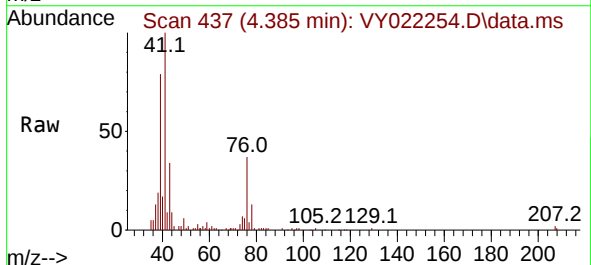
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

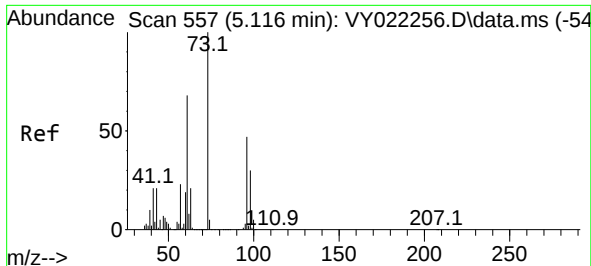
Tgt Ion: 76 Resp: 96591
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 9.886 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 43 Resp: 16338
Ion Ratio Lower Upper
43 100
74 25.6 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 10.326 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

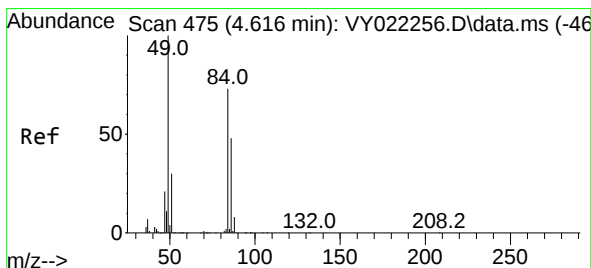
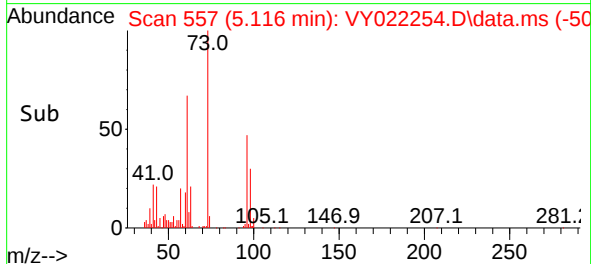
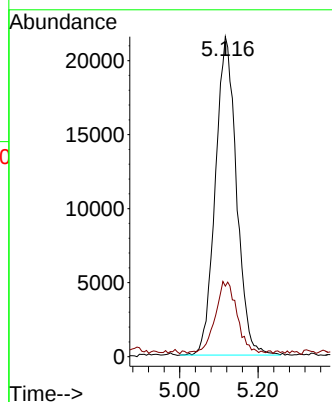
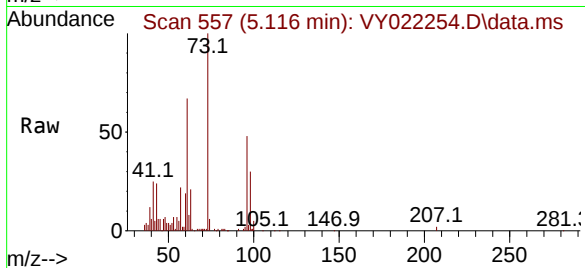
VSTDICC010

Tgt Ion: 73 Resp: 80714

Ion Ratio Lower Upper

73 100

57 21.3 18.6 28.0



#20

Methylene Chloride

Concen: 12.250 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion: 84 Resp: 42991

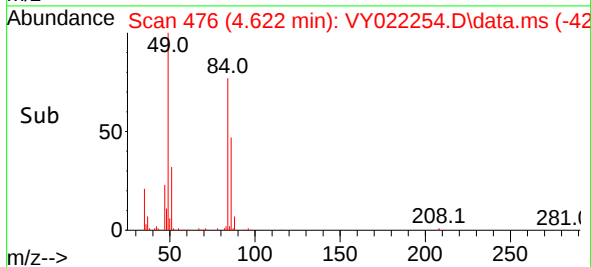
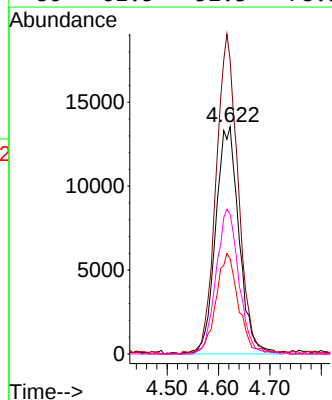
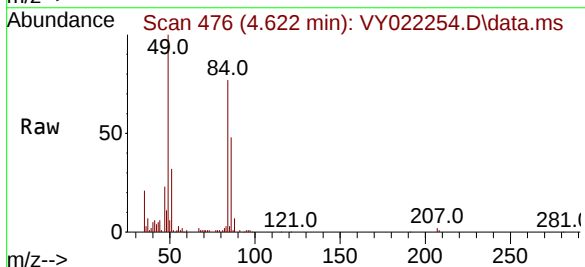
Ion Ratio Lower Upper

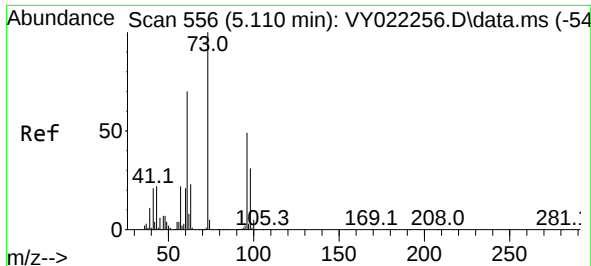
84 100

49 129.4 109.6 164.4

51 42.0 32.4 48.6

86 61.5 52.3 78.5

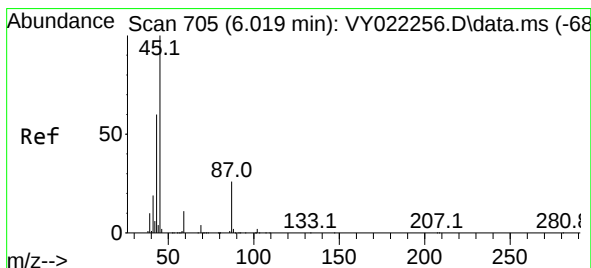
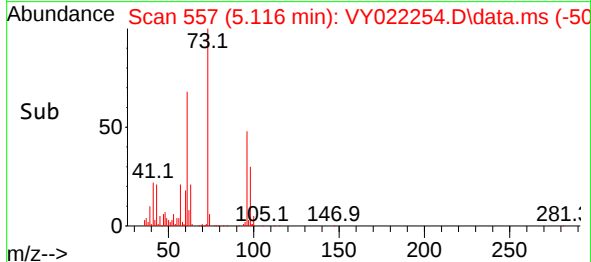
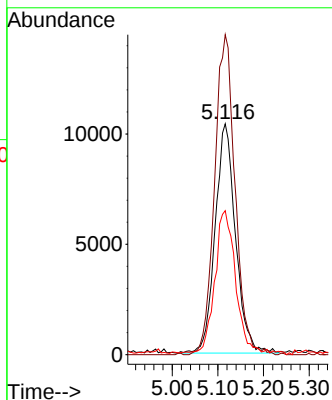
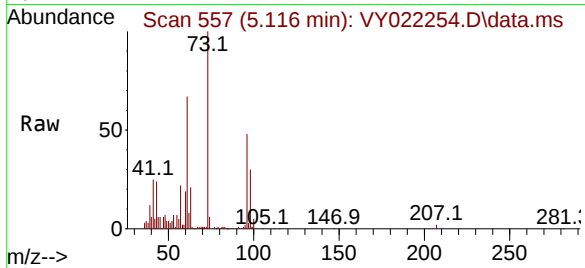




#21
trans-1,2-Dichloroethene
Concen: 10.309 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

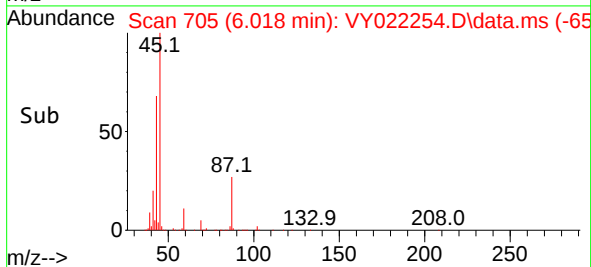
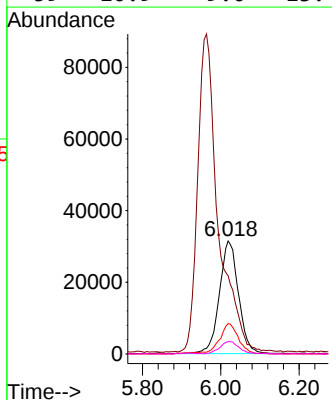
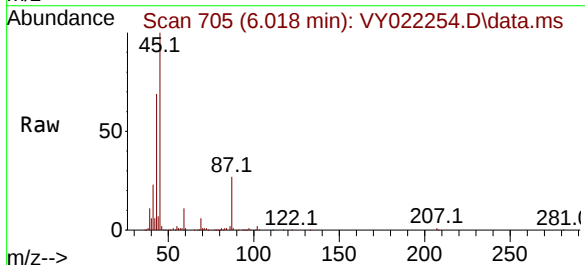
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 32258
Ion Ratio Lower Upper
96 100
61 139.6 113.4 170.0
98 62.0 50.9 76.3



#22
Diisopropyl ether
Concen: 10.145 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 45 Resp: 106493
Ion Ratio Lower Upper
45 100
43 67.7 48.2 72.2
87 26.8 21.4 32.0
59 10.9 9.0 13.4

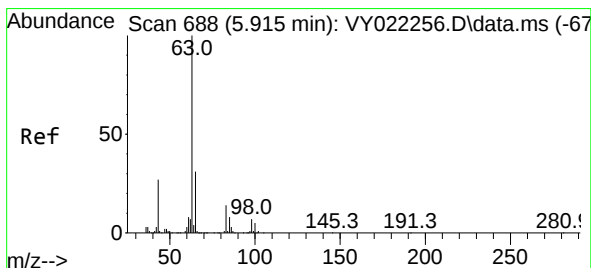
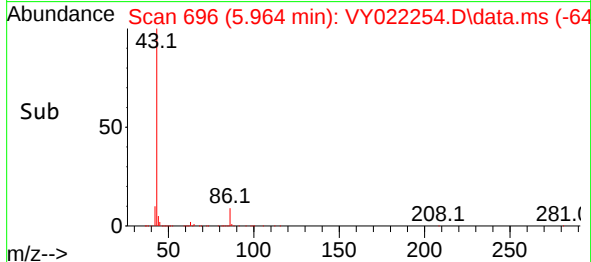
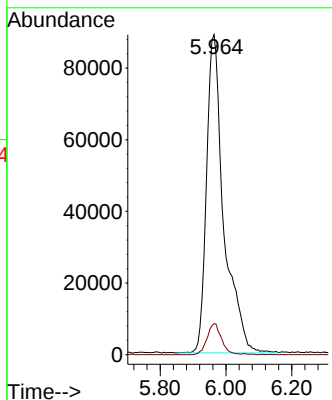
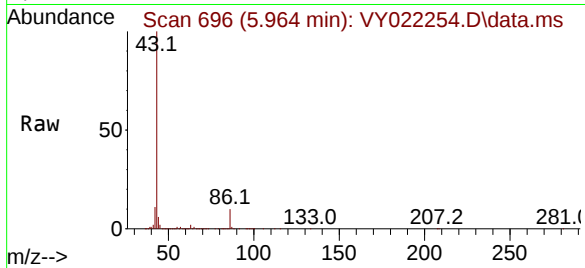




#23
 Vinyl Acetate
 Concen: 51.192 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

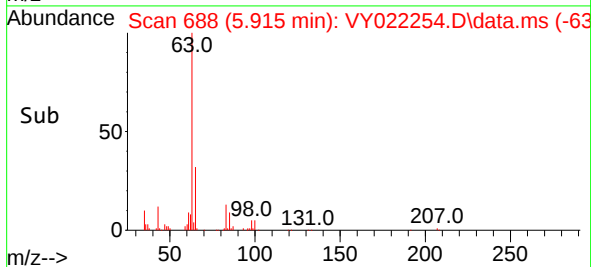
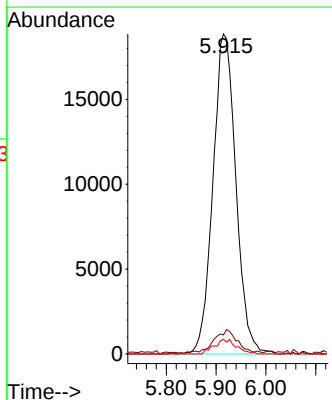
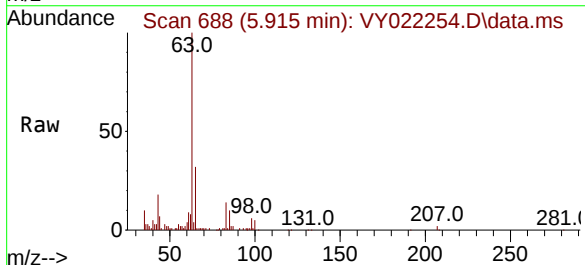
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

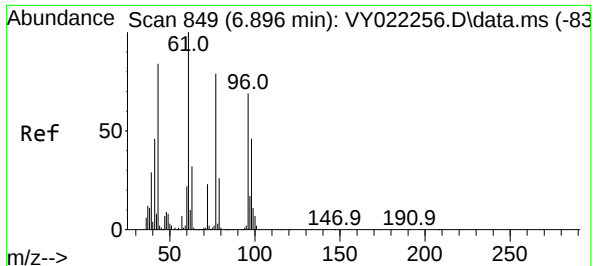
Tgt Ion: 43 Resp: 324651
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 10.265 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

Tgt Ion: 63 Resp: 60198
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.5 10.5
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 52.859 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

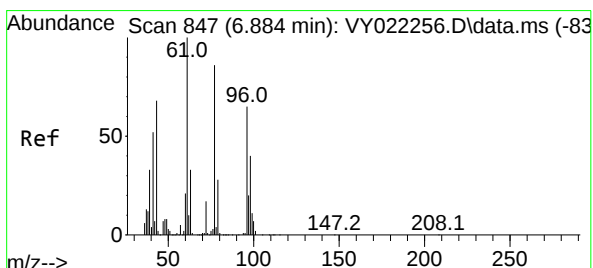
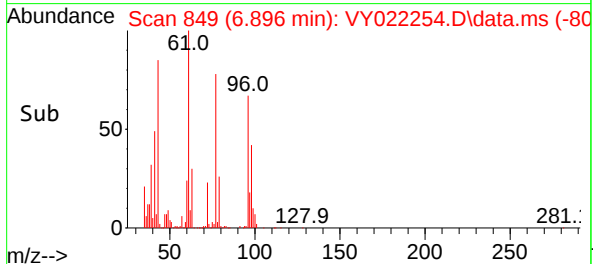
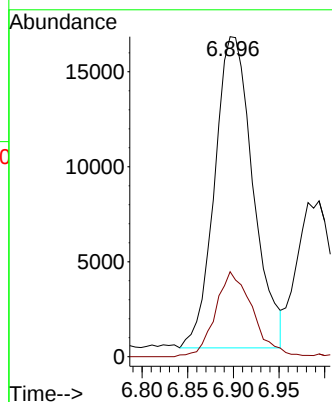
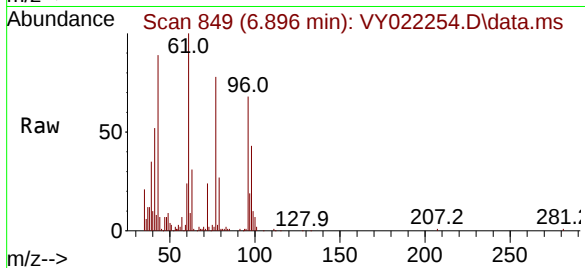
VSTDIC010

Tgt Ion: 43 Resp: 48022

Ion Ratio Lower Upper

43 100

72 26.7 22.1 33.1



#26

2,2-Dichloropropane

Concen: 10.403 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY022254.D

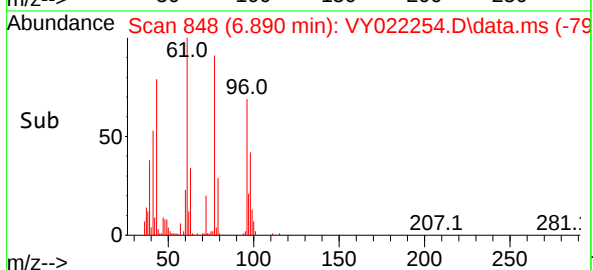
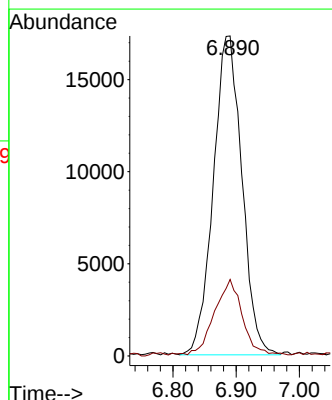
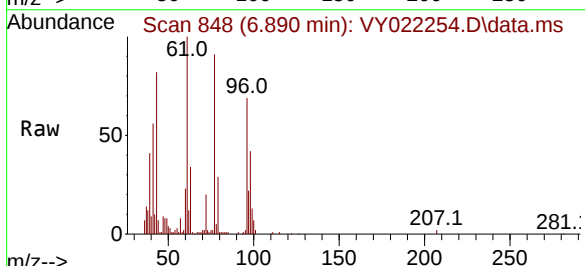
Acq: 15 May 2025 10:16

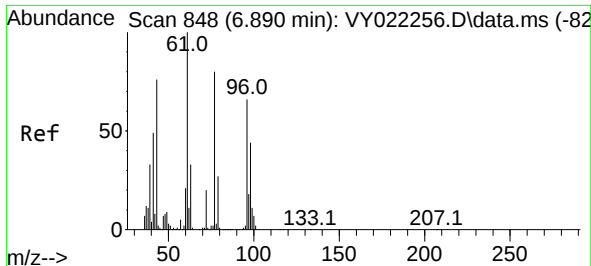
Tgt Ion: 77 Resp: 54264

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 10.081 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

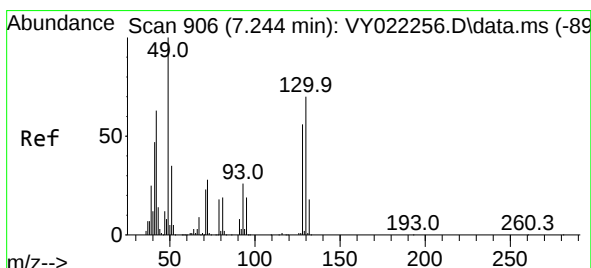
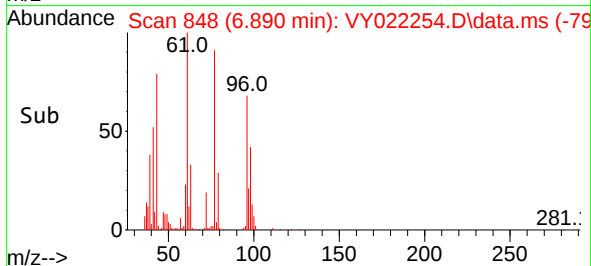
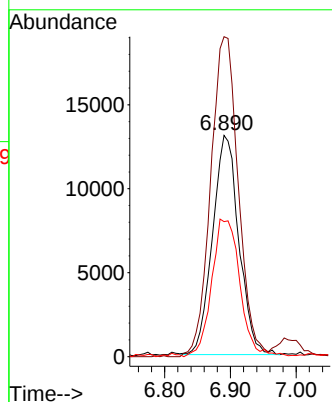
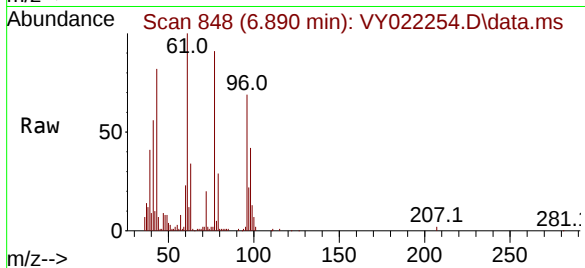
Tgt Ion: 96 Resp: 36403

Ion Ratio Lower Upper

96 100

61 152.8 0.0 302.6

98 67.2 0.0 128.8



#28

Bromochloromethane

Concen: 10.259 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

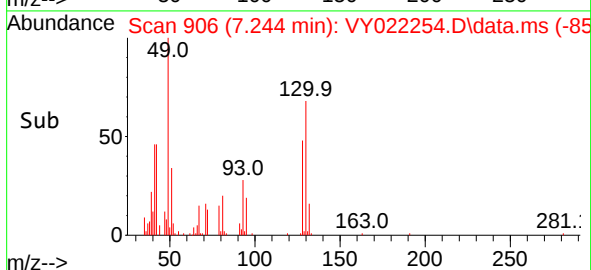
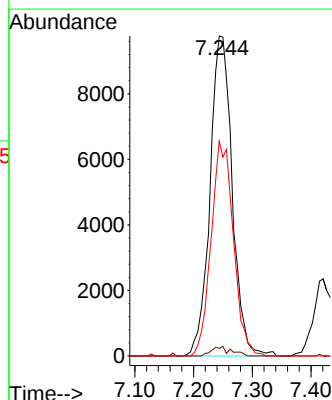
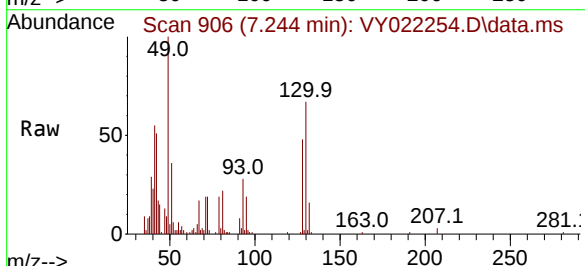
Tgt Ion: 49 Resp: 25664

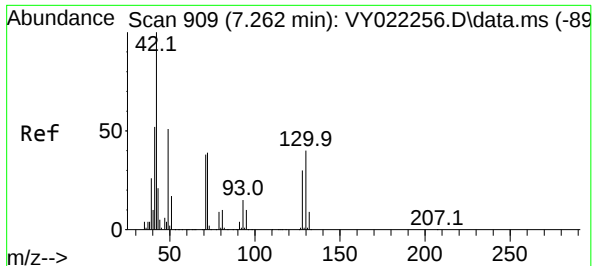
Ion Ratio Lower Upper

49 100

129 2.6 0.0 3.6

130 67.2 54.7 82.1

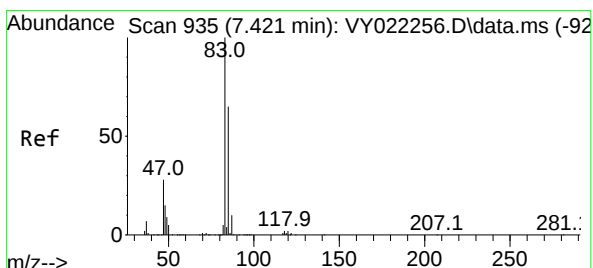
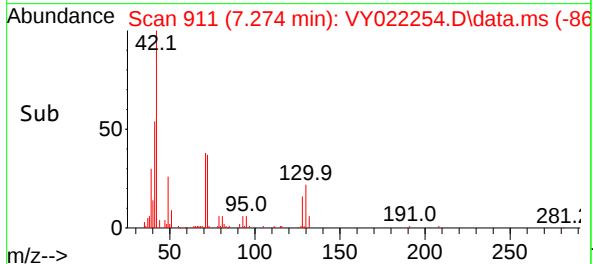
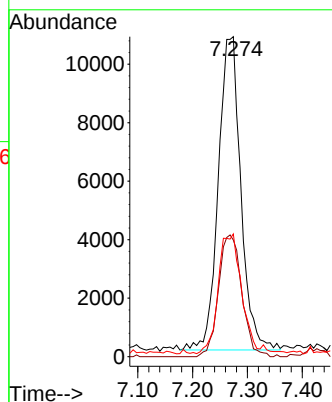
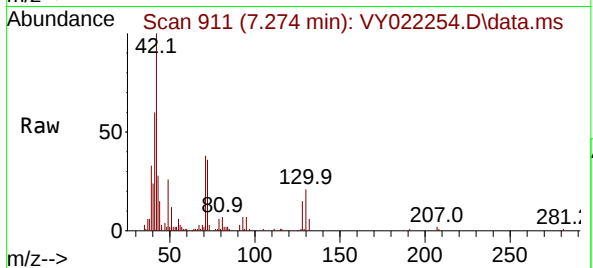




#29
Tetrahydrofuran
Concen: 52.498 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

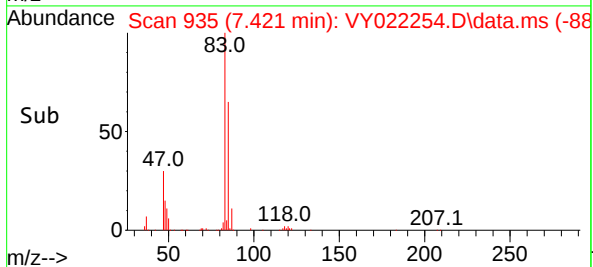
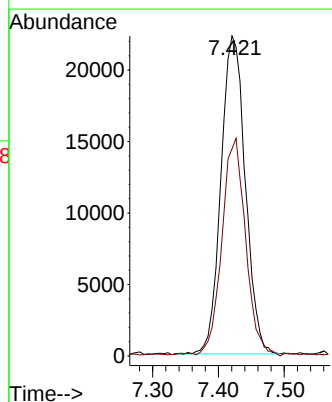
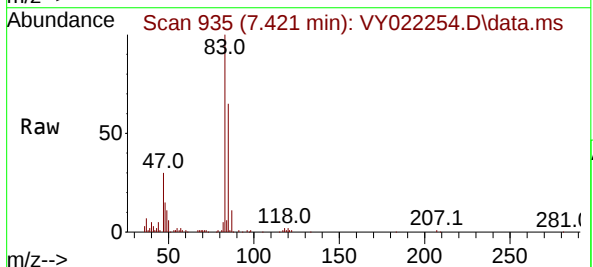
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

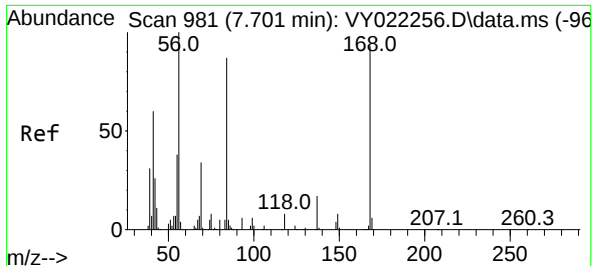
Tgt Ion: 42 Resp: 30684
Ion Ratio Lower Upper
42 100
72 39.9 33.8 50.6
71 39.0 31.5 47.3



#30
Chloroform
Concen: 10.163 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 83 Resp: 57172
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.8

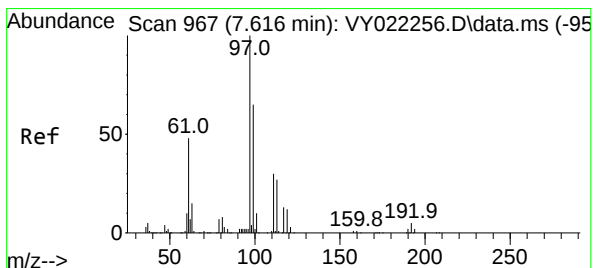
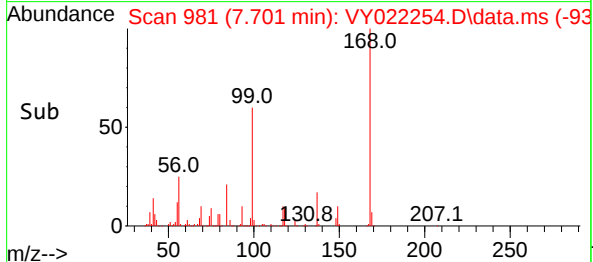
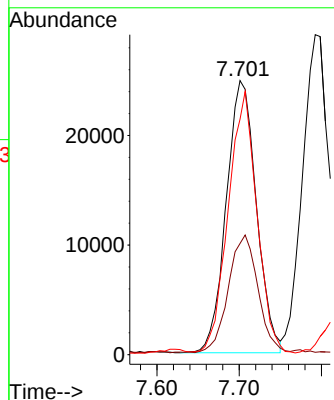
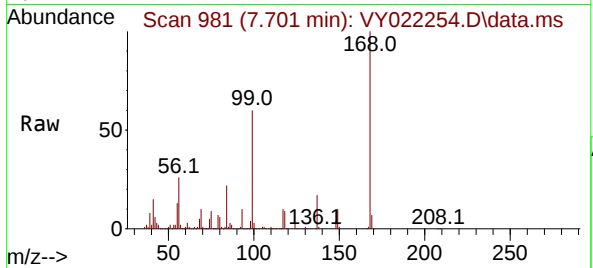




#31
Cyclohexane
Concen: 10.778 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

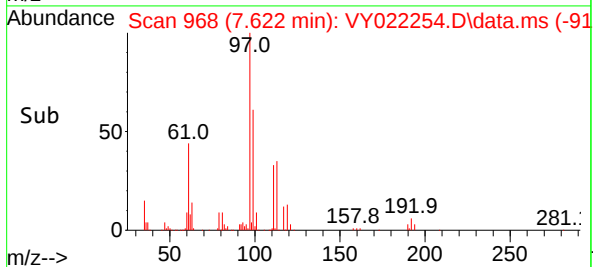
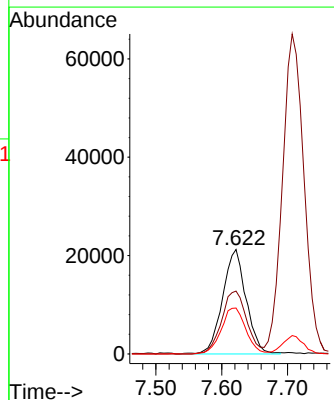
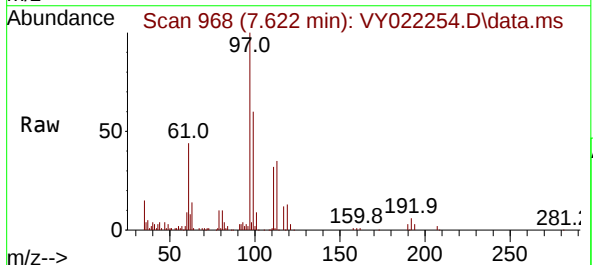
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

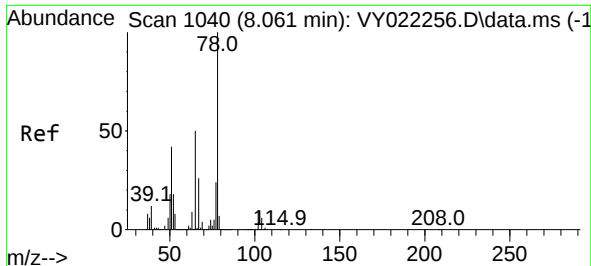
Tgt Ion: 56 Resp: 63155
Ion Ratio Lower Upper
56 100
69 39.9 27.4 41.2
84 84.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 10.242 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 97 Resp: 52856
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 46.0 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 10.222 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

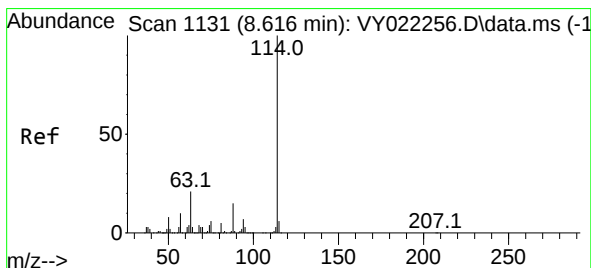
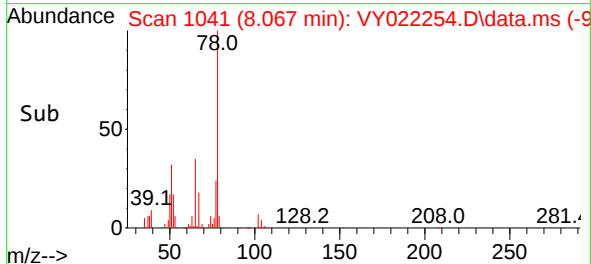
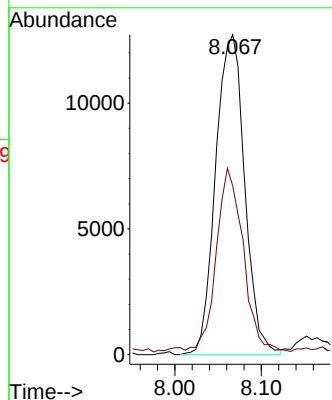
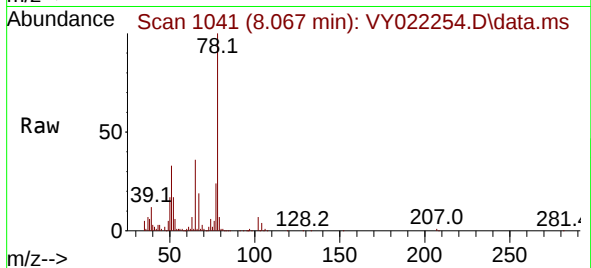
VSTDIC010

Tgt Ion: 65 Resp: 29608

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

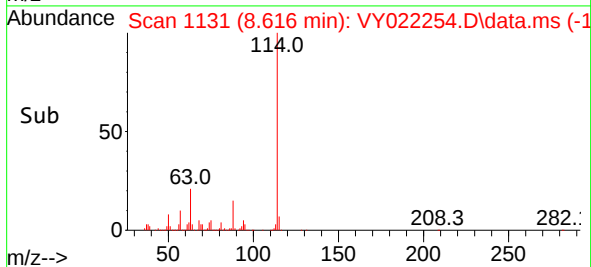
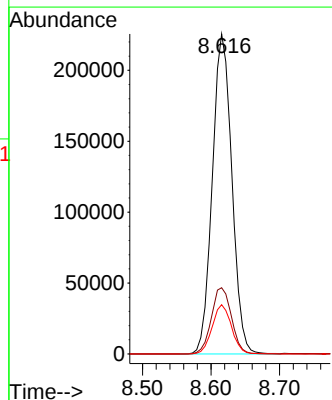
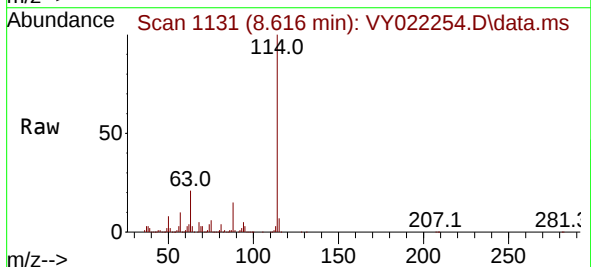
Tgt Ion: 114 Resp: 446109

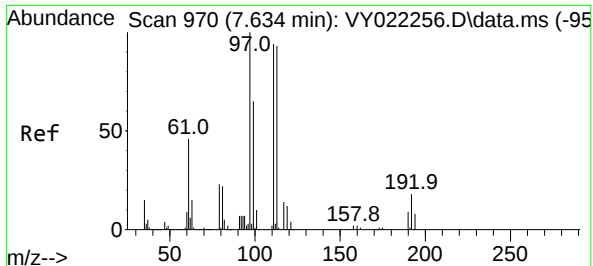
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.0

88 15.4 0.0 29.4





#35

Dibromofluoromethane

Concen: 9.856 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

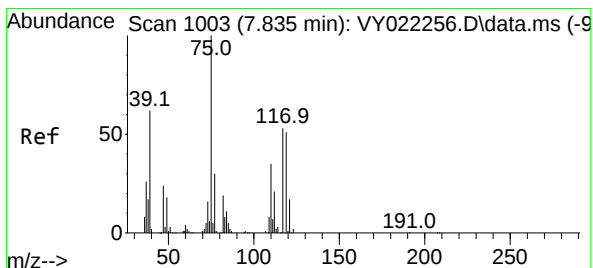
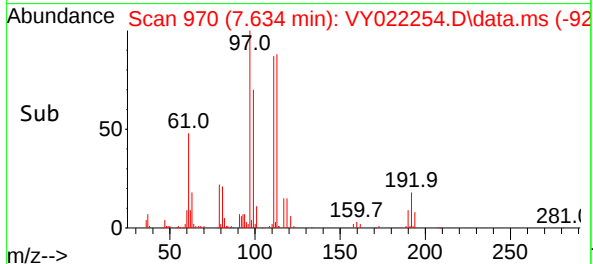
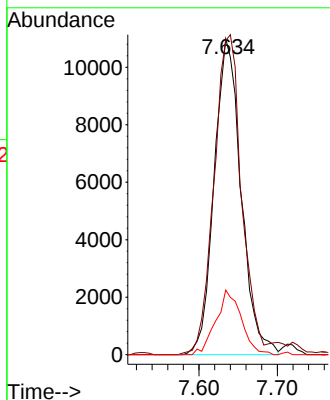
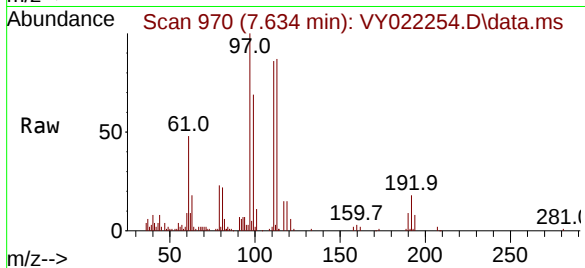
Tgt Ion:113 Resp: 26242

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 19.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 10.219 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

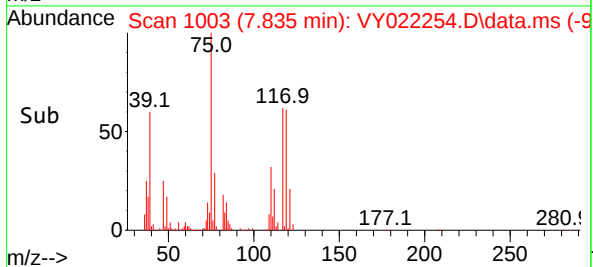
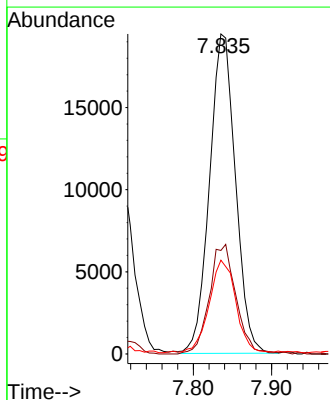
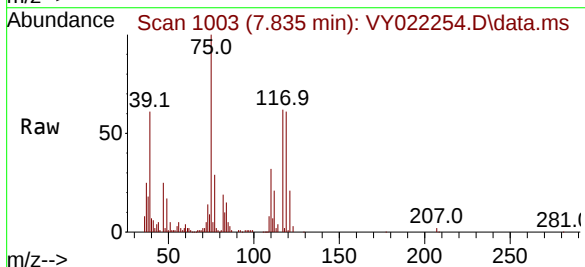
Tgt Ion: 75 Resp: 44817

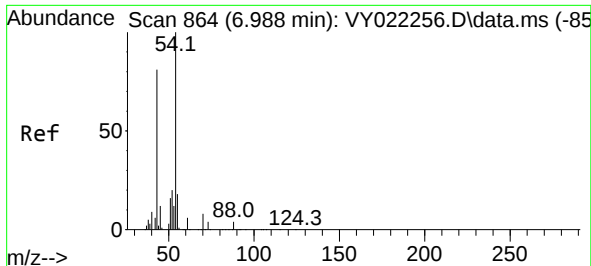
Ion Ratio Lower Upper

75 100

110 35.1 16.6 49.8

77 29.8 24.6 37.0





#37

Ethyl Acetate

Concen: 9.774 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

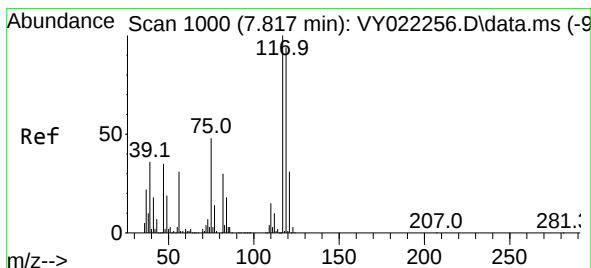
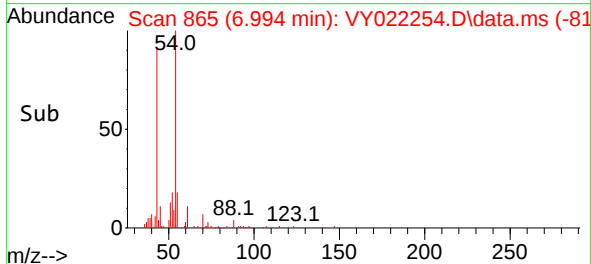
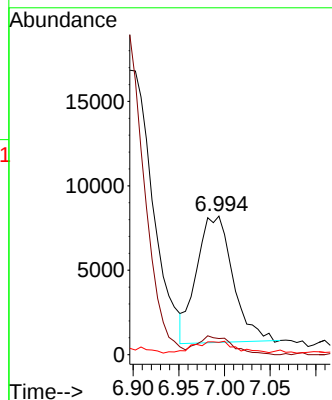
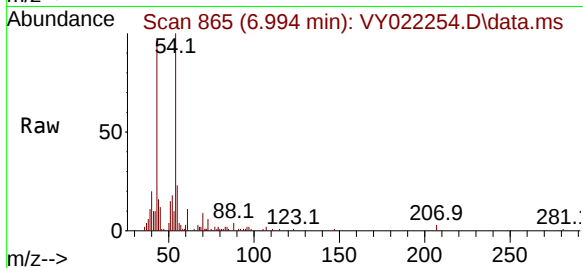
Tgt Ion: 43 Resp: 20624

Ion Ratio Lower Upper

43 100

61 14.2 10.2 15.2

70 10.6 7.6 11.4



#38

Carbon Tetrachloride

Concen: 10.303 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

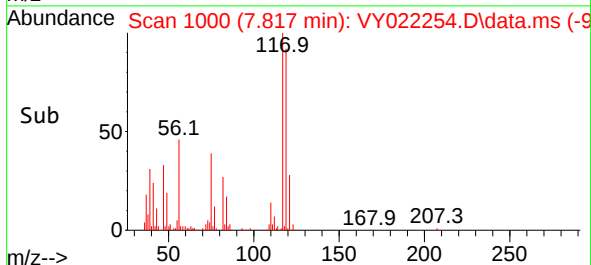
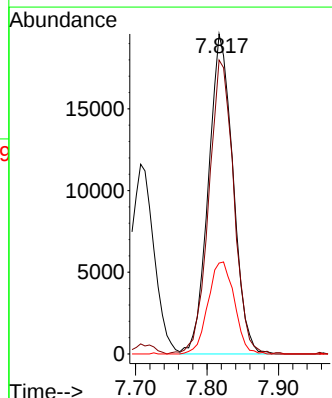
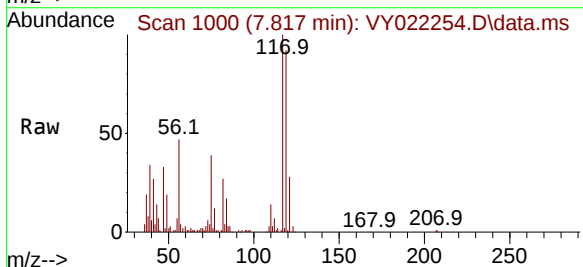
Tgt Ion: 117 Resp: 46772

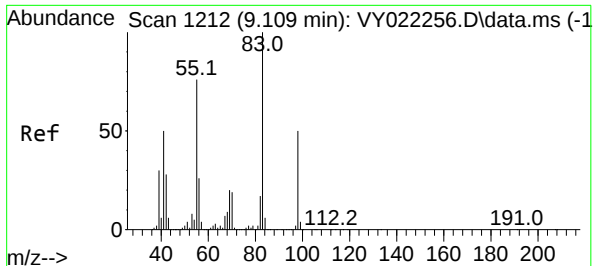
Ion Ratio Lower Upper

117 100

119 91.4 75.3 112.9

121 28.4 24.7 37.1





#39

Methylcyclohexane

Concen: 10.266 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

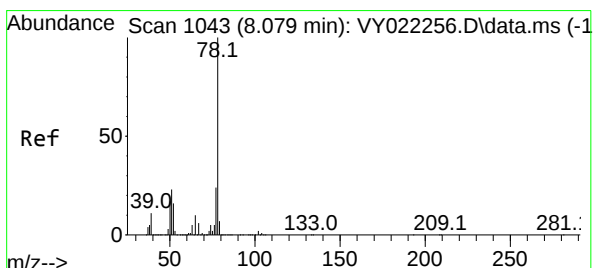
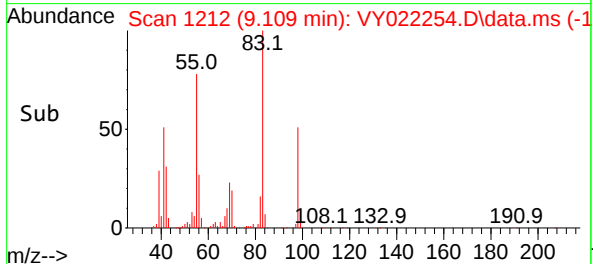
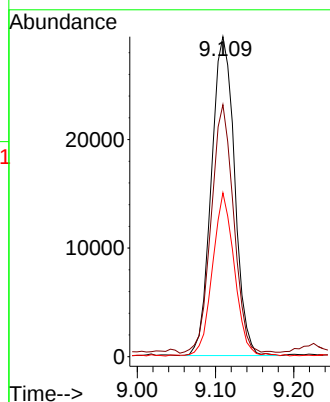
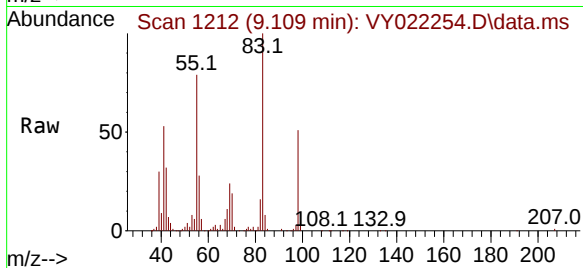
Tgt Ion: 83 Resp: 60489

Ion Ratio Lower Upper

83 100

55 77.9 60.6 90.8

98 51.1 40.0 60.0



#40

Benzene

Concen: 10.032 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022254.D

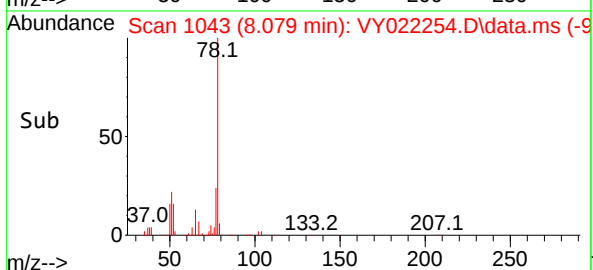
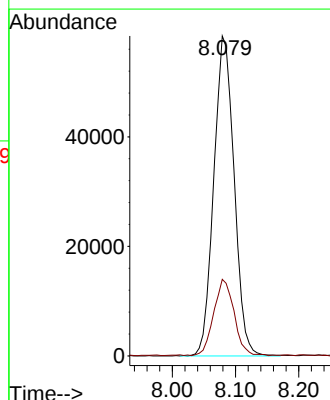
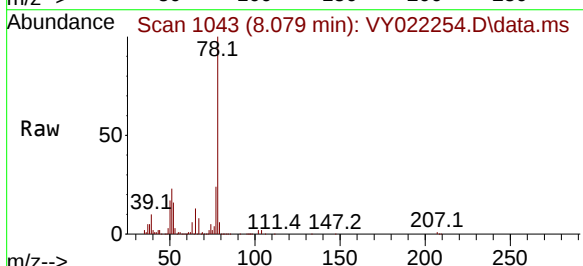
Acq: 15 May 2025 10:16

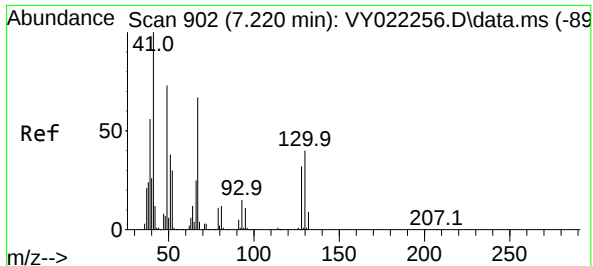
Tgt Ion: 78 Resp: 130423

Ion Ratio Lower Upper

78 100

77 23.7 18.9 28.3

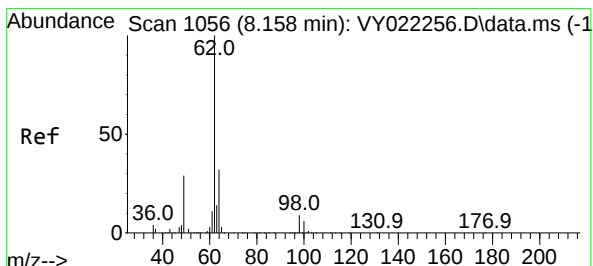
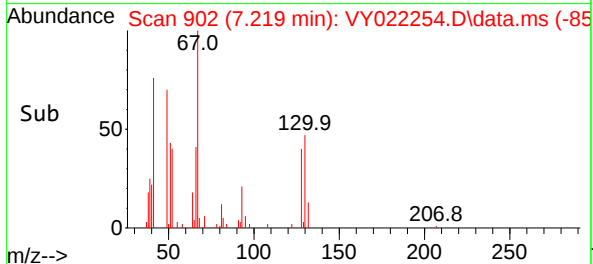
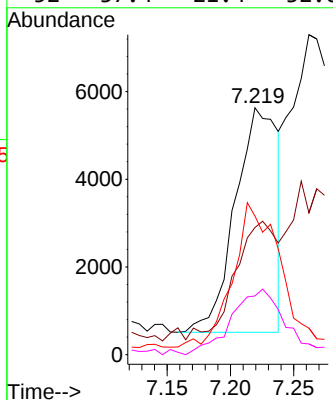
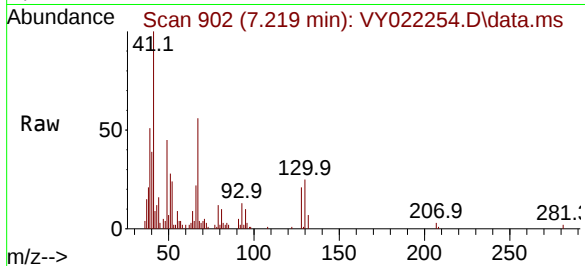




#41
Methacrylonitrile
Concen: 7.704 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

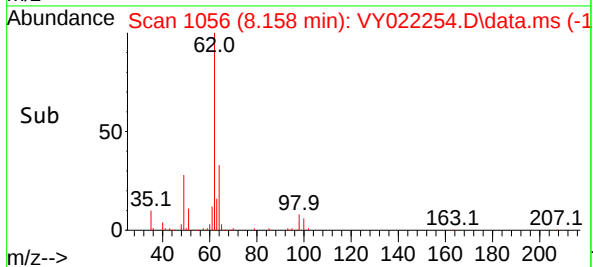
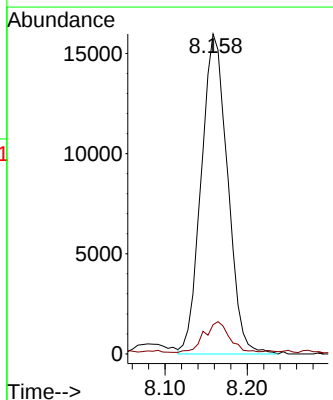
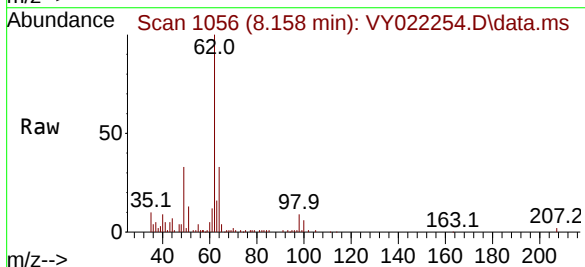
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

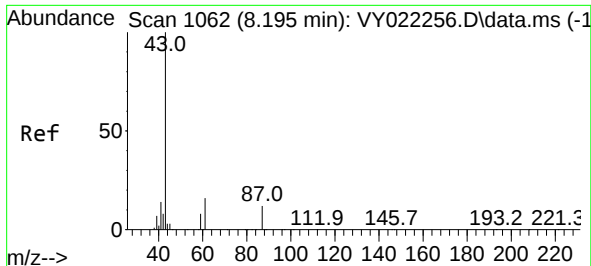
Tgt Ion:	41	Resp:	11895
Ion	Ratio	Lower	Upper
41	100		
39	52.5	39.1	58.7
67	74.3	47.1	70.7#
52	37.4	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 10.115 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion:	62	Resp:	35565
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4

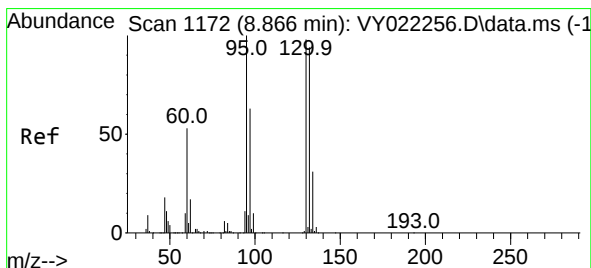
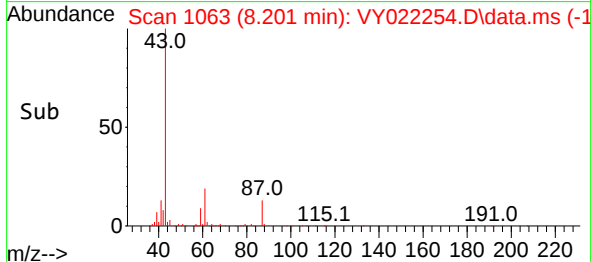
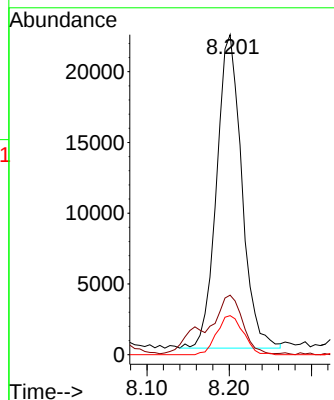
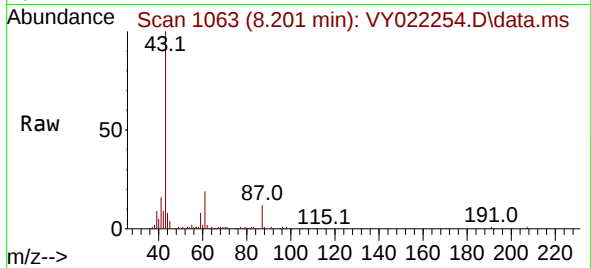




#43
Isopropyl Acetate
Concen: 10.217 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

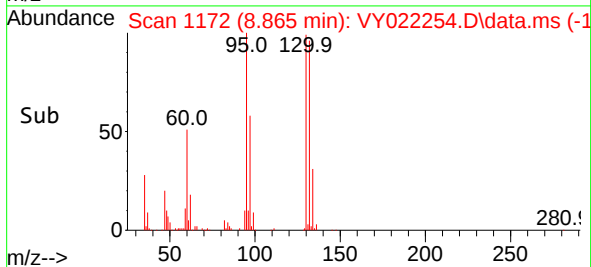
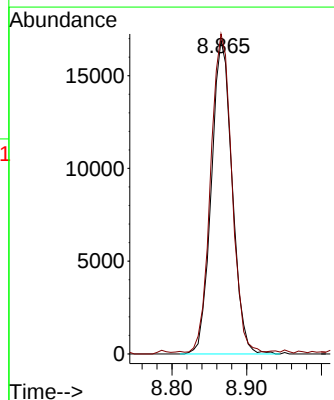
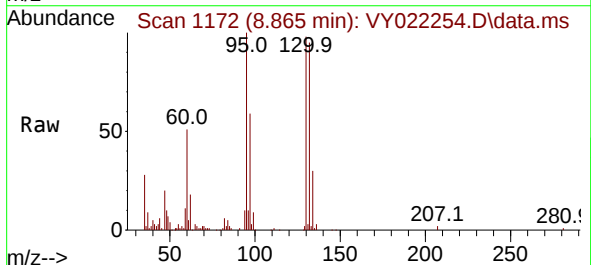
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

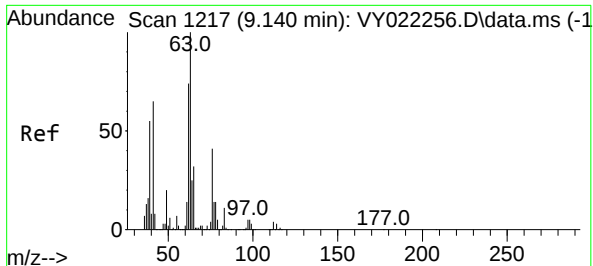
Tgt Ion: 43 Resp: 47020
Ion Ratio Lower Upper
43 100
61 19.6 15.1 22.7
87 13.1 9.7 14.5



#44
Trichloroethene
Concen: 10.101 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion:130 Resp: 32655
Ion Ratio Lower Upper
130 100
95 101.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 10.264 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

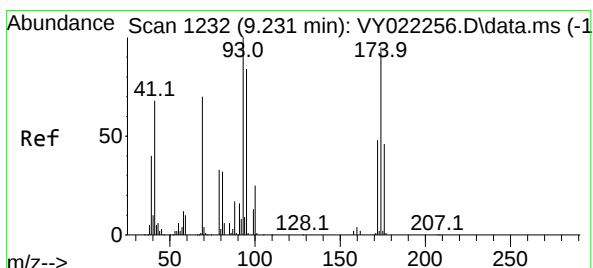
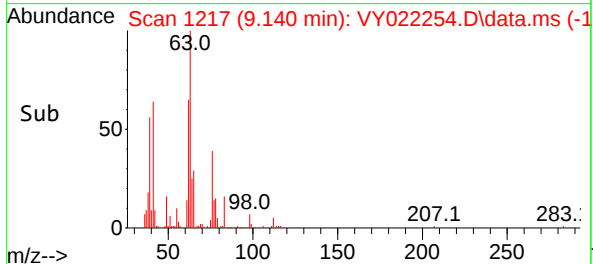
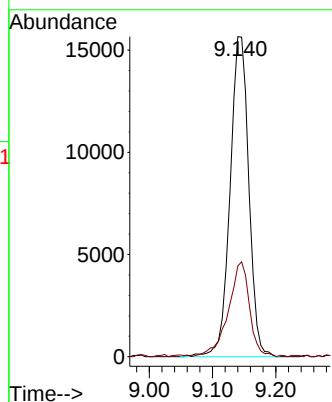
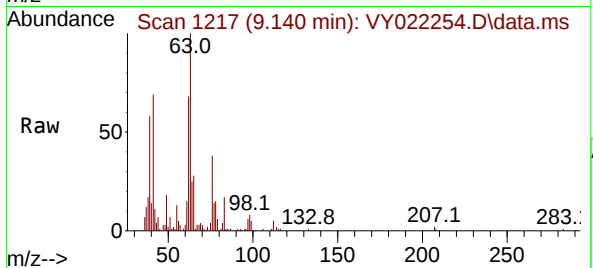
VSTDICC010

Tgt Ion: 63 Resp: 32172

Ion Ratio Lower Upper

63 100

65 28.0 25.7 38.5



#46

Dibromomethane

Concen: 10.135 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

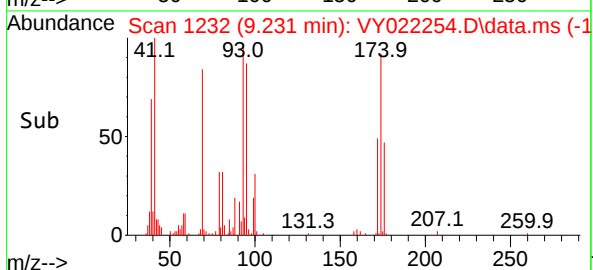
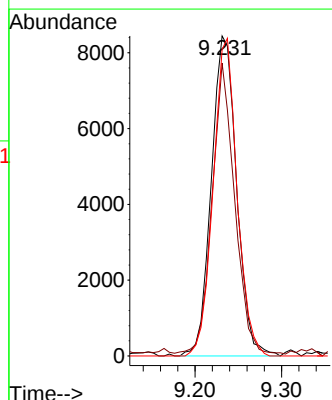
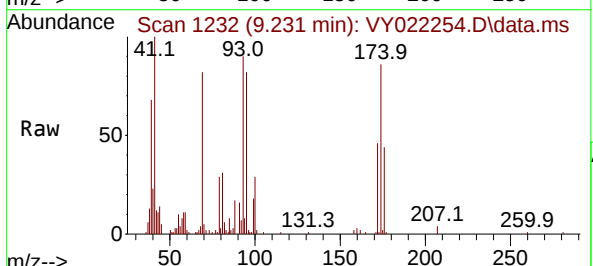
Tgt Ion: 93 Resp: 17134

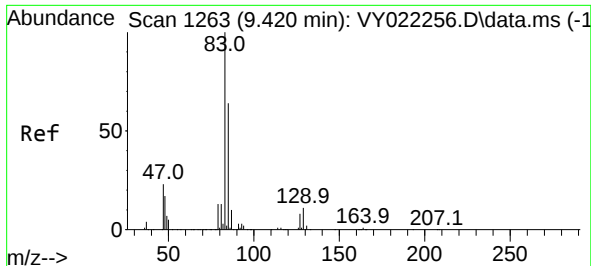
Ion Ratio Lower Upper

93 100

95 82.1 65.2 97.8

174 93.7 74.3 111.5

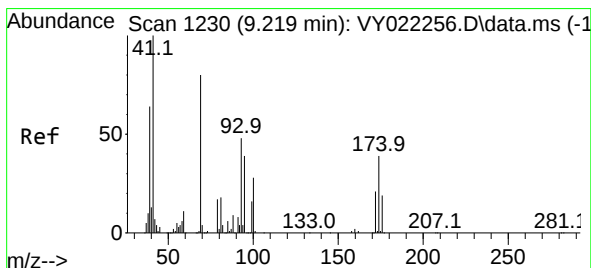
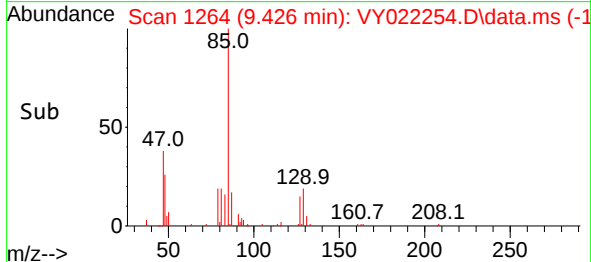
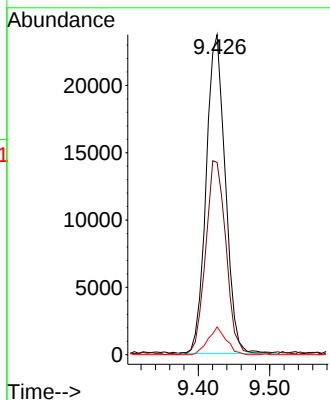
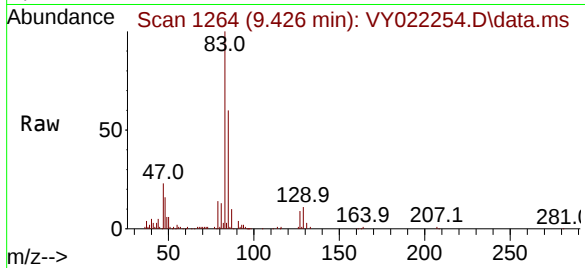




#47
Bromodichloromethane
Concen: 10.042 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

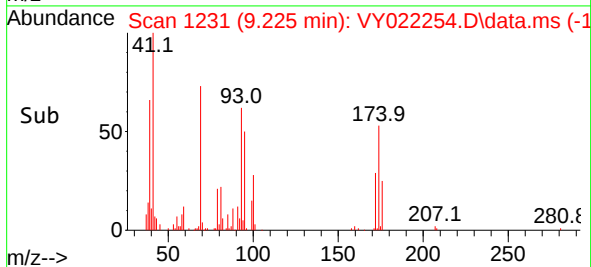
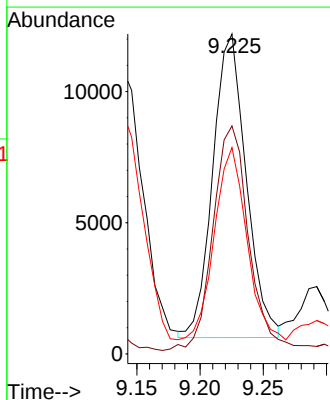
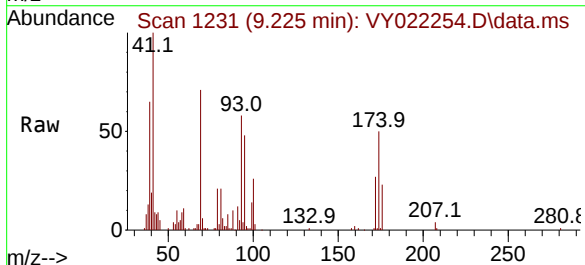
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

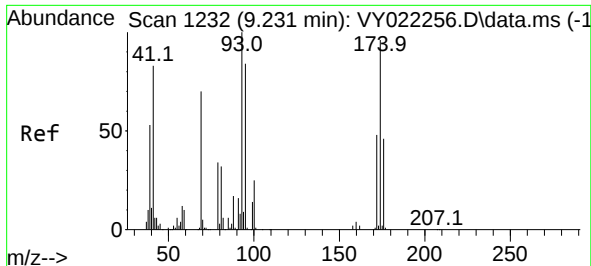
Tgt Ion: 83 Resp: 44045
Ion Ratio Lower Upper
83 100
85 60.3 51.1 76.7
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 9.851 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 41 Resp: 21202
Ion Ratio Lower Upper
41 100
69 80.5 63.5 95.3
39 62.0 50.8 76.2





#49

1,4-Dioxane

Concen: 205.769 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

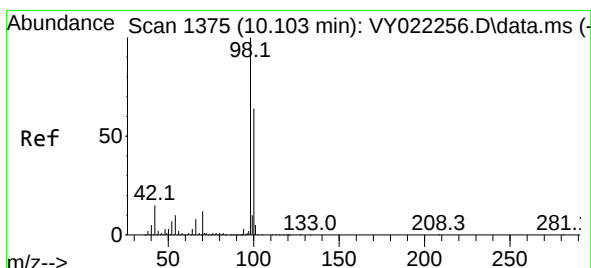
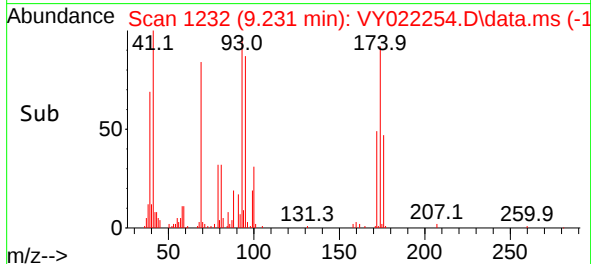
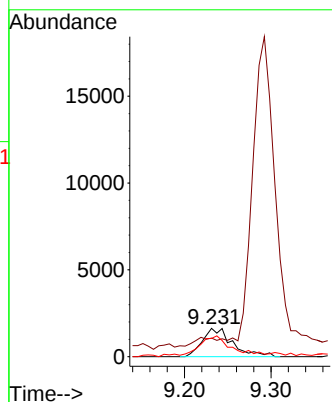
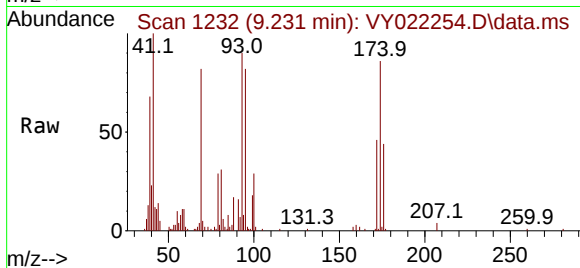
Tgt Ion: 88 Resp: 3930

Ion Ratio Lower Upper

88 100

43 0.0 28.5 42.7#

58 84.5 61.4 92.2



#50

Toluene-d8

Concen: 9.816 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022254.D

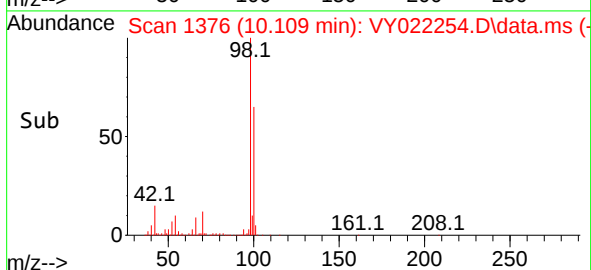
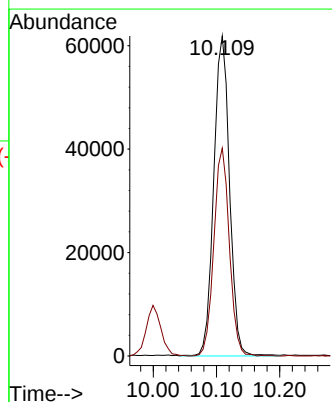
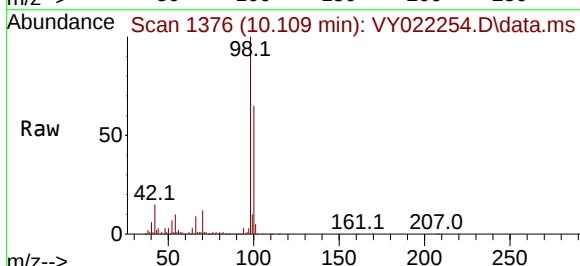
Acq: 15 May 2025 10:16

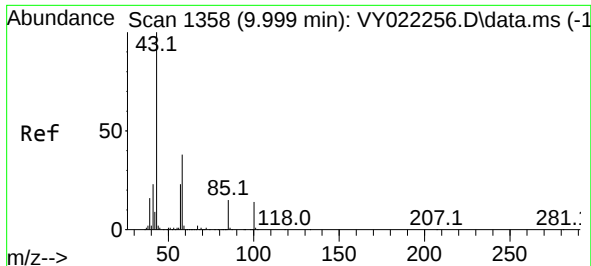
Tgt Ion: 98 Resp: 107048

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.8

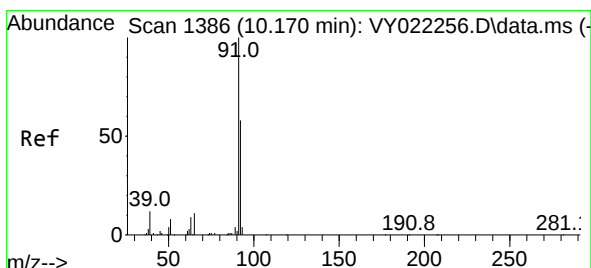
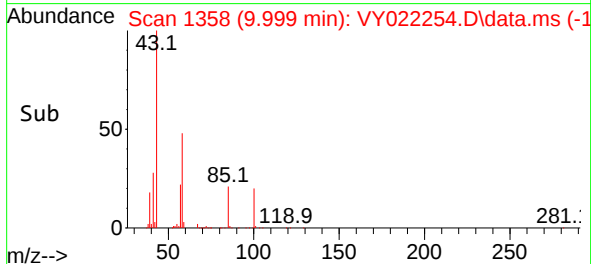
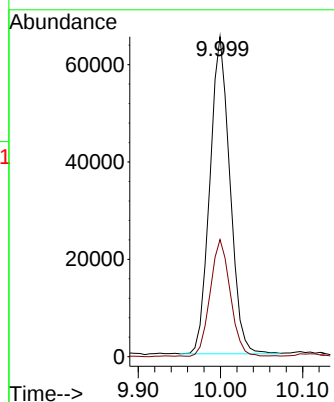
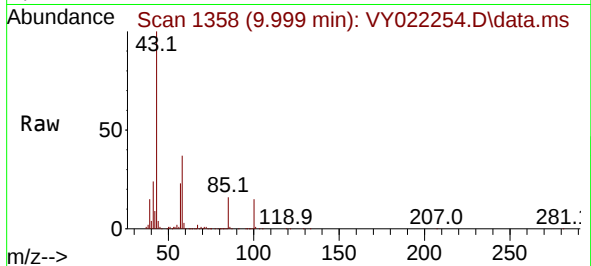




#51
4-Methyl-2-Pentanone
Concen: 48.889 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

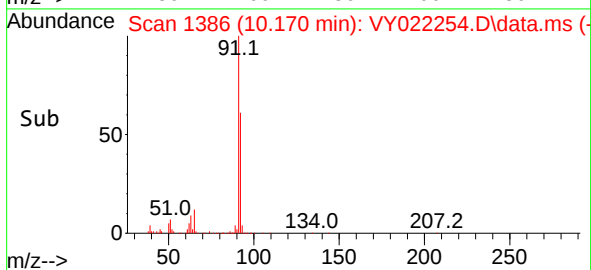
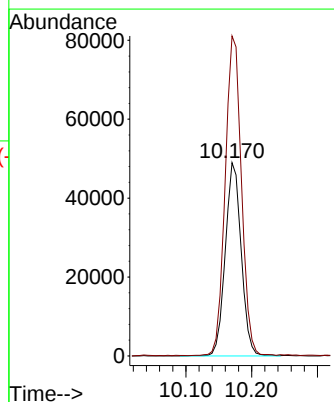
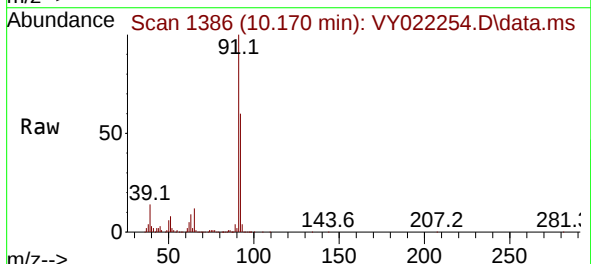
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

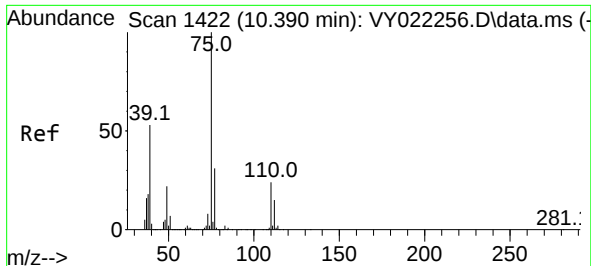
Tgt Ion: 43 Resp: 110396
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.2



#52
Toluene
Concen: 10.015 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 92 Resp: 82453
Ion Ratio Lower Upper
92 100
91 168.8 139.1 208.7

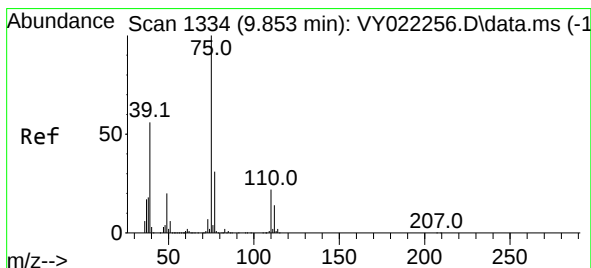
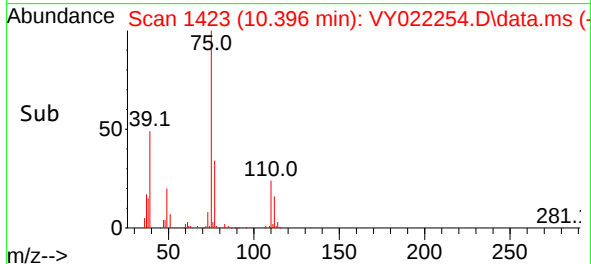
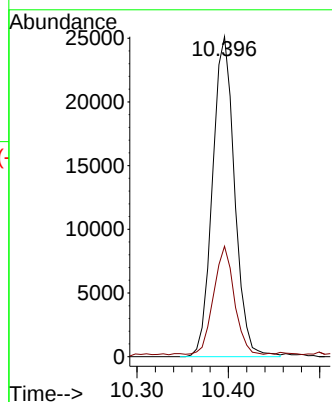
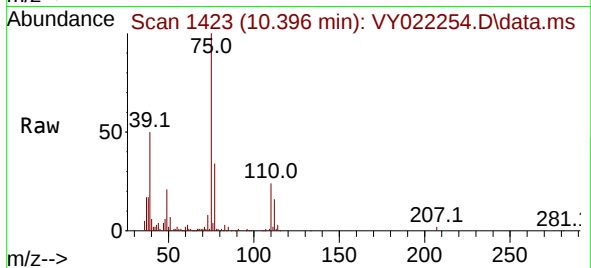




#53
 t-1,3-Dichloropropene
 Concen: 9.849 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

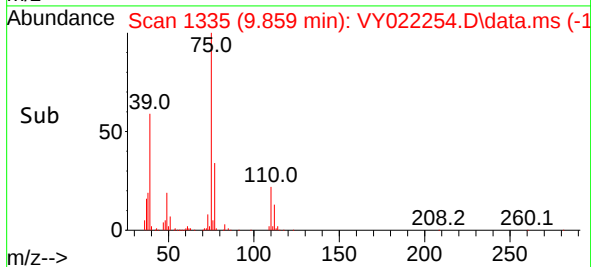
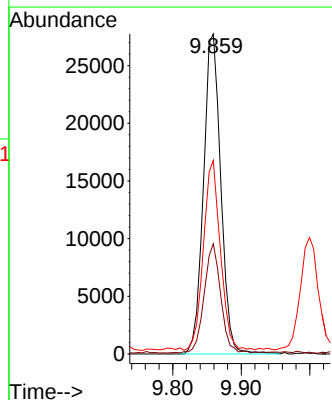
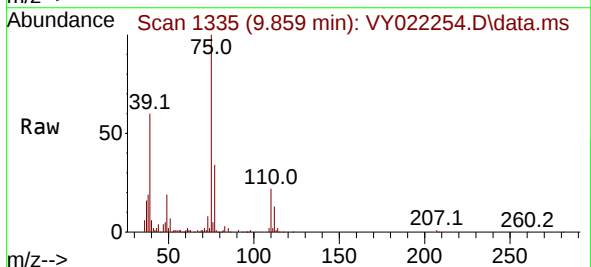
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

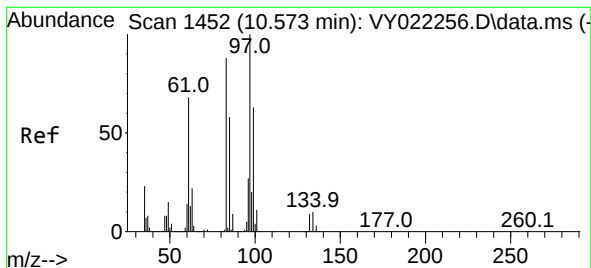
Tgt Ion: 75 Resp: 42158
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 9.976 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

Tgt Ion: 75 Resp: 48923
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.1 37.7
 39 58.7 44.5 66.7



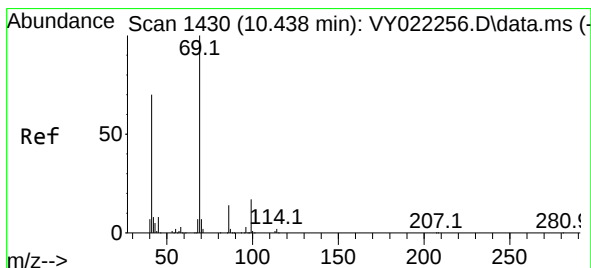
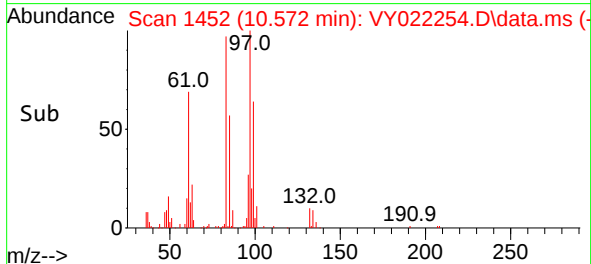
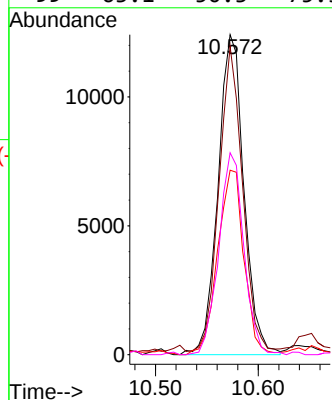
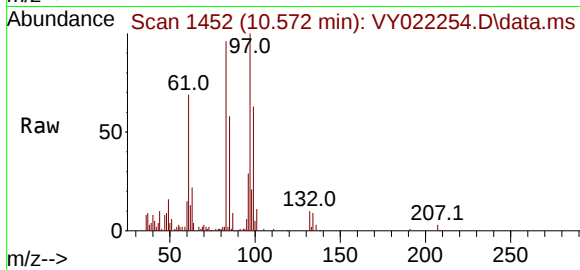


#55
1,1,2-Trichloroethane
Concen: 10.033 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 97 Resp: 21720

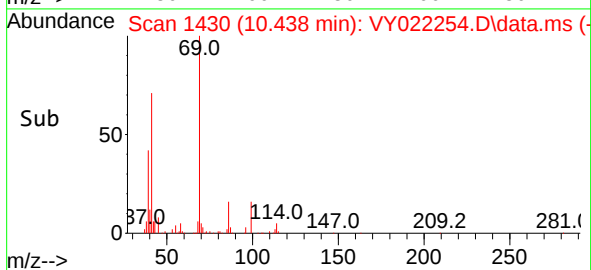
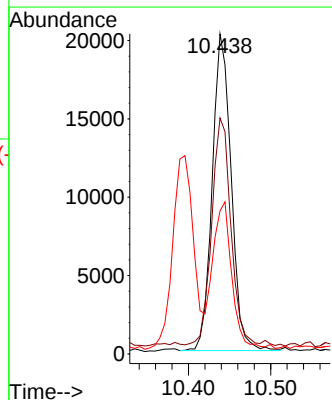
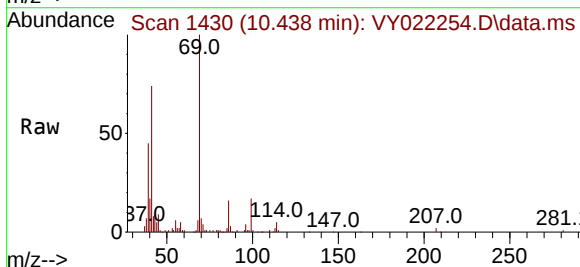
Ion	Ratio	Lower	Upper
97	100		
83	94.5	70.3	105.5
85	57.6	46.2	69.4
99	63.1	50.3	75.5

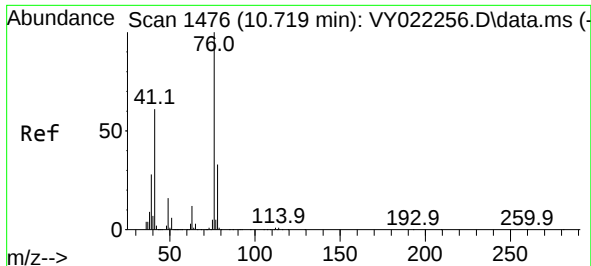


#56
Ethyl methacrylate
Concen: 9.574 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 69 Resp: 32286

Ion	Ratio	Lower	Upper
69	100		
41	72.5	56.5	84.7
39	45.6	37.1	55.7





#57

1,3-Dichloropropane

Concen: 10.115 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

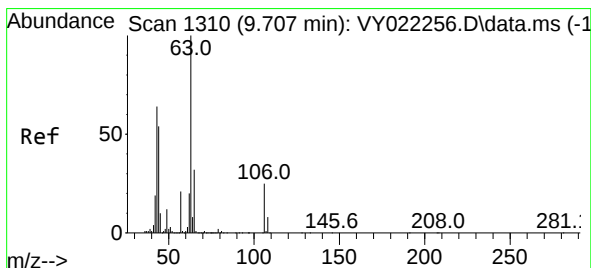
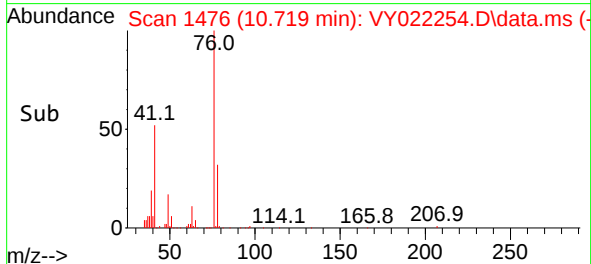
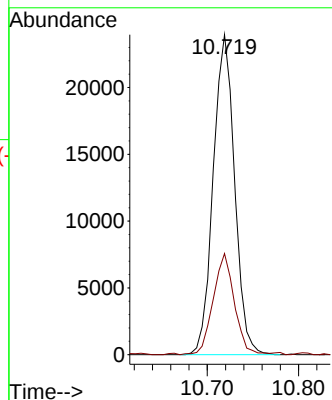
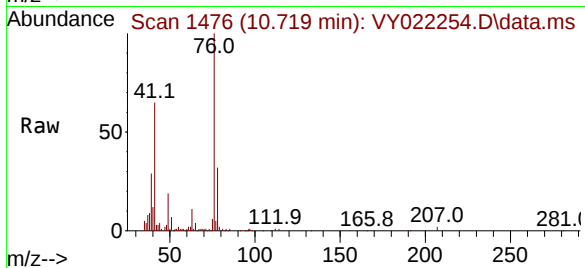
VSTDIC010

Tgt Ion: 76 Resp: 38908

Ion Ratio Lower Upper

76 100

78 31.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 44.066 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022254.D

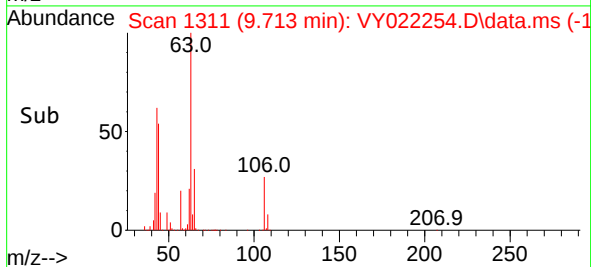
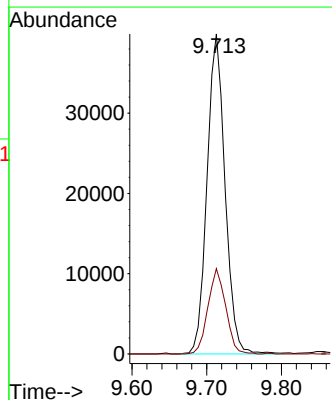
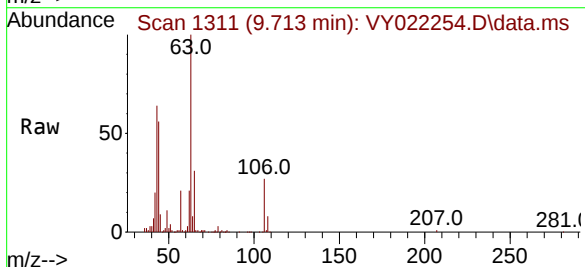
Acq: 15 May 2025 10:16

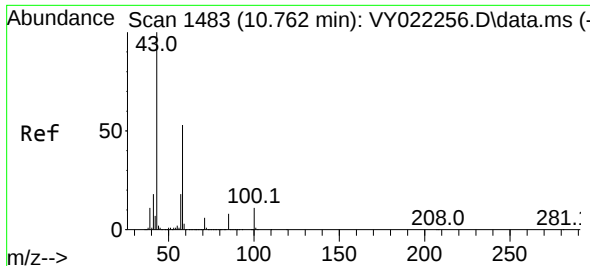
Tgt Ion: 63 Resp: 66700

Ion Ratio Lower Upper

63 100

106 26.3 21.0 31.4

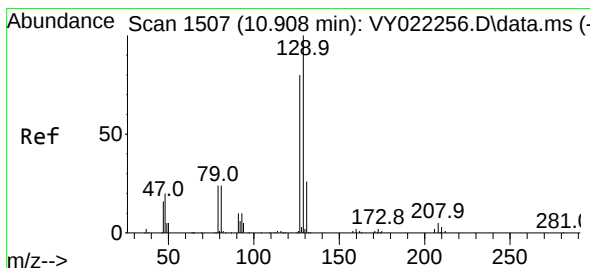
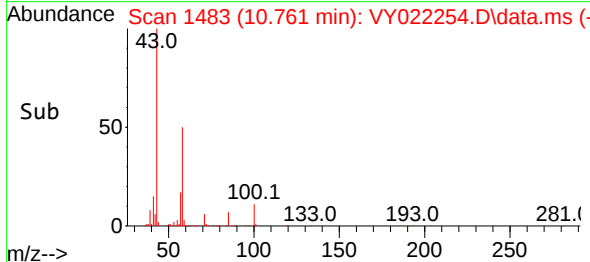
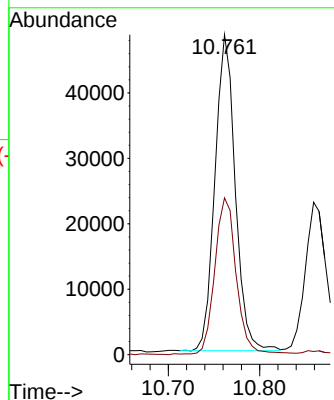
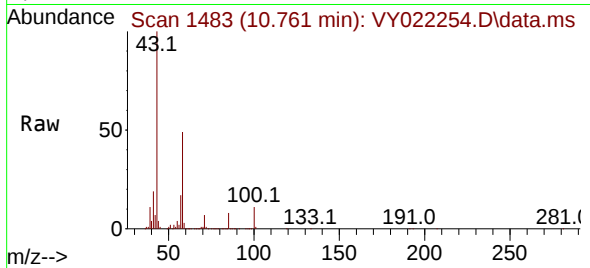




#59
2-Hexanone
Concen: 49.162 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

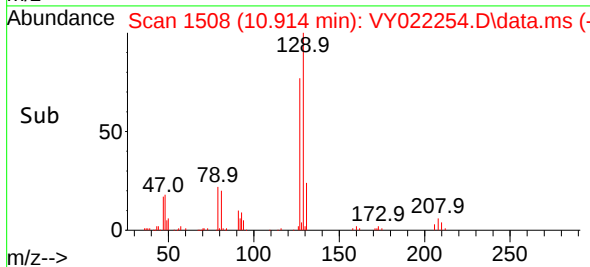
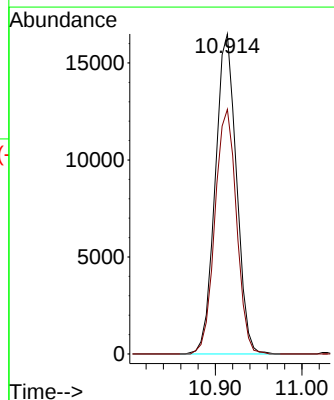
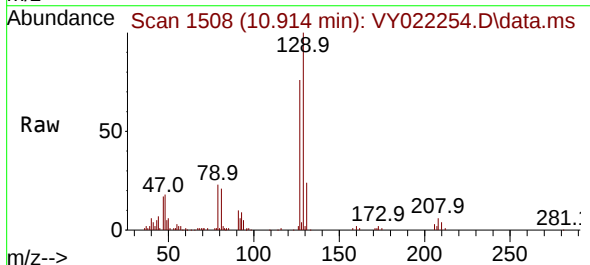
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

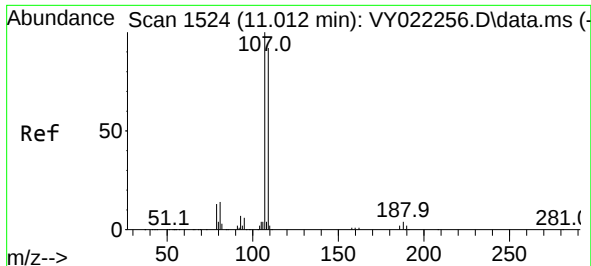
Tgt Ion: 43 Resp: 74432
Ion Ratio Lower Upper
43 100
58 53.2 26.1 78.3



#60
Dibromochloromethane
Concen: 9.965 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 129 Resp: 28002
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7

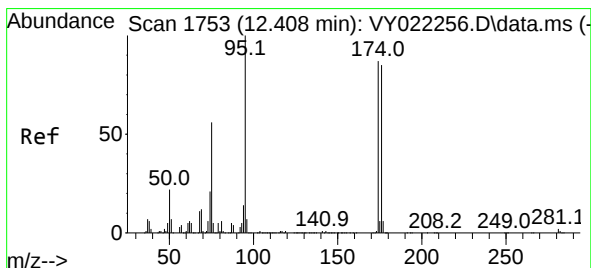
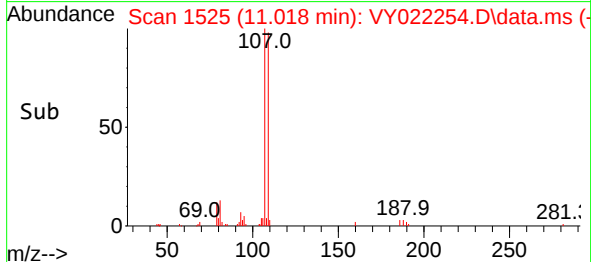
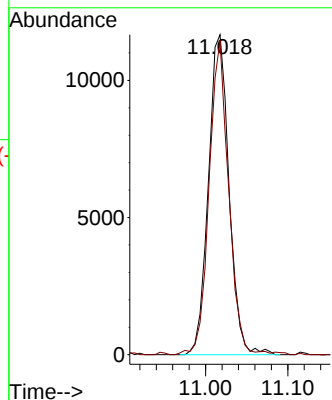
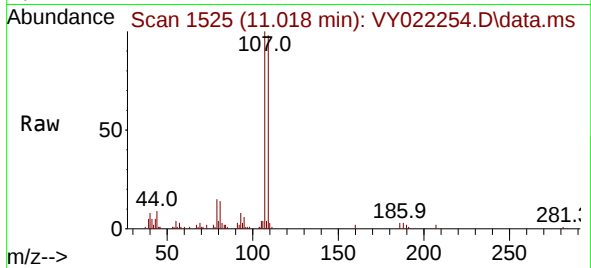




#61
1,2-Dibromoethane
Concen: 10.099 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

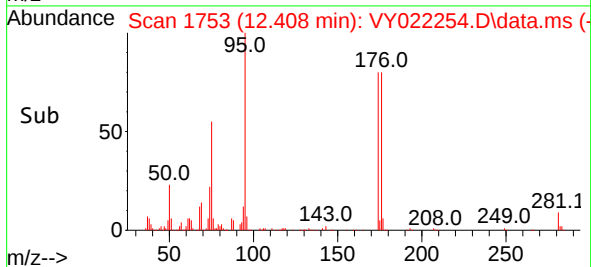
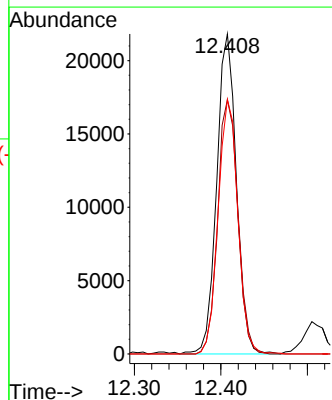
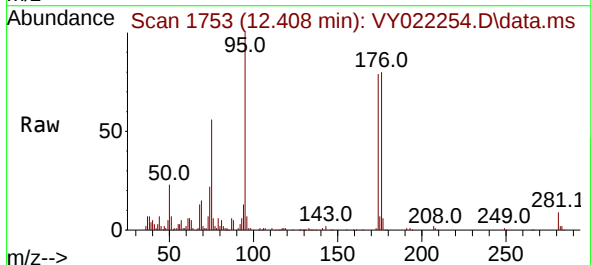
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

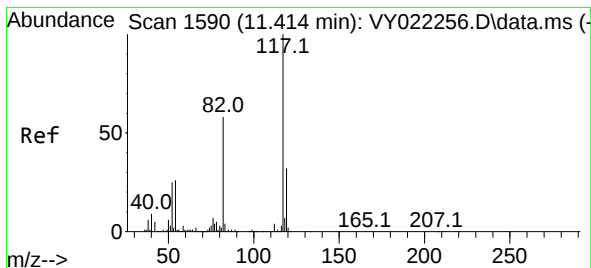
Tgt Ion:107 Resp: 20378
Ion Ratio Lower Upper
107 100
109 92.6 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 9.959 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 95 Resp: 34423
Ion Ratio Lower Upper
95 100
174 81.3 0.0 166.8
176 79.7 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

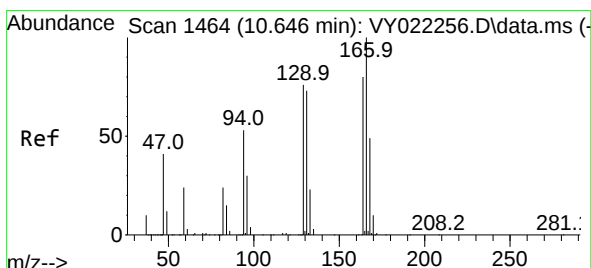
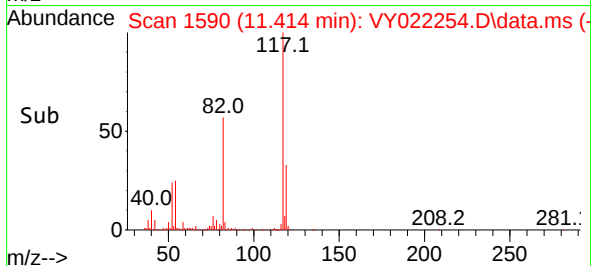
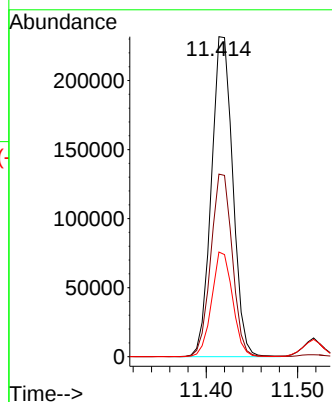
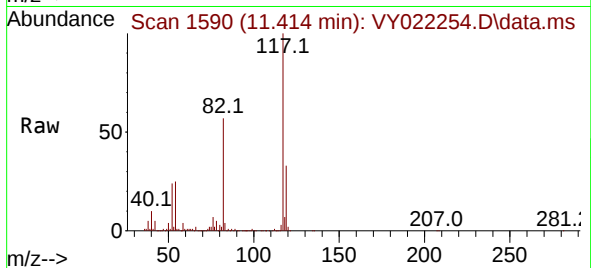
Tgt Ion:117 Resp: 377211

Ion Ratio Lower Upper

117 100

82 57.0 46.6 70.0

119 32.7 25.8 38.6



#64

Tetrachloroethene

Concen: 10.404 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion:164 Resp: 36274

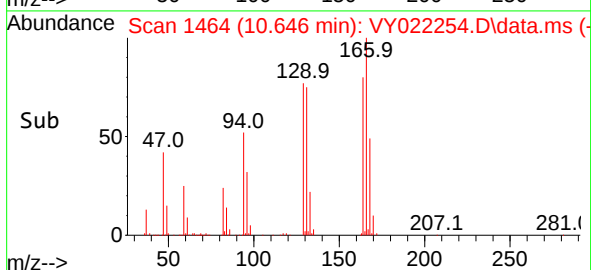
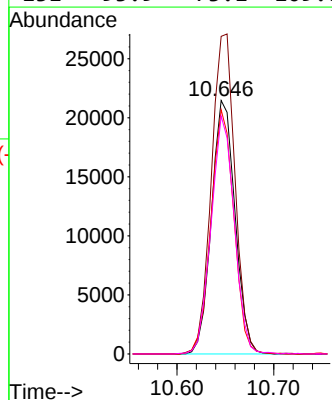
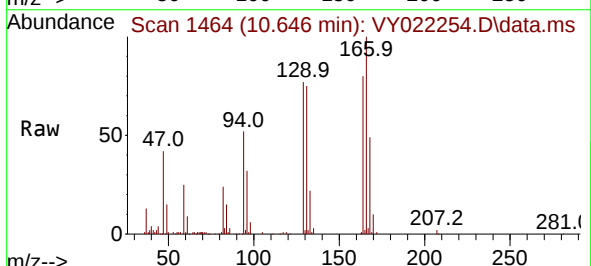
Ion Ratio Lower Upper

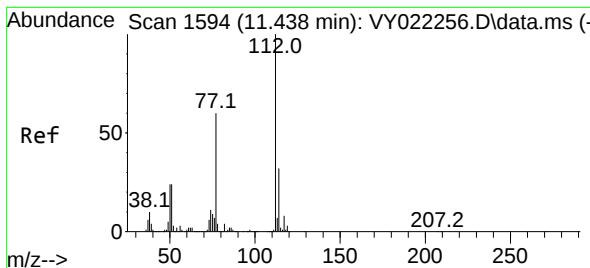
164 100

166 125.3 100.4 150.6

129 96.3 76.4 114.6

131 93.9 73.1 109.7





#65

Chlorobenzene

Concen: 9.839 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

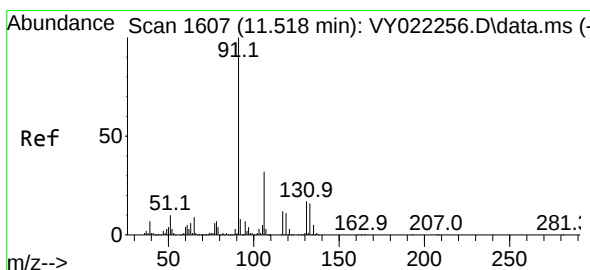
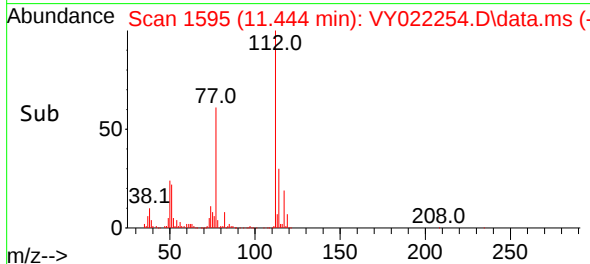
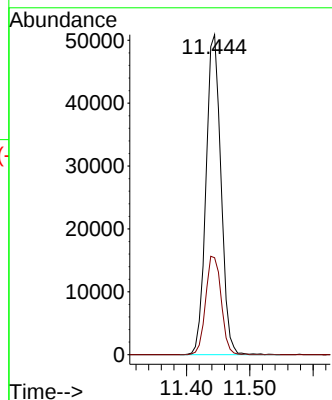
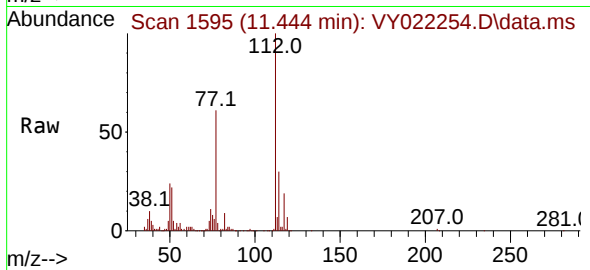
VSTDIC010

Tgt Ion:112 Resp: 83730

Ion Ratio Lower Upper

112 100

114 30.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 9.721 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

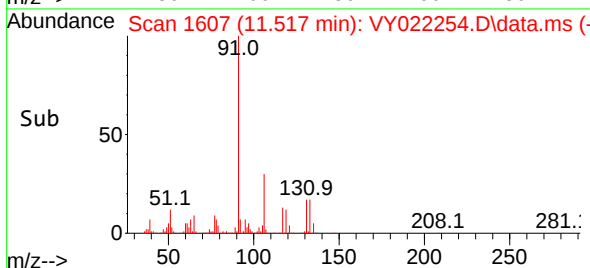
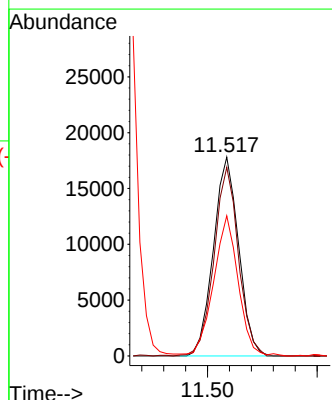
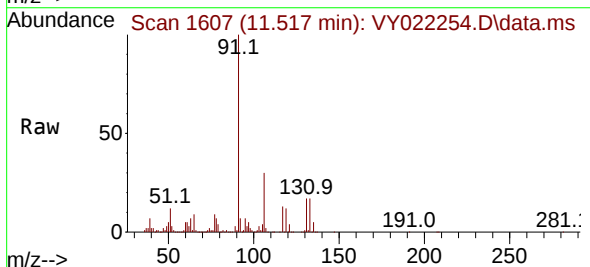
Tgt Ion:131 Resp: 28441

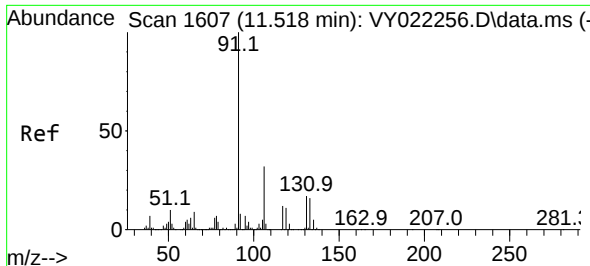
Ion Ratio Lower Upper

131 100

133 92.3 47.3 141.9

119 69.0 33.1 99.2





#67

Ethyl Benzene

Concen: 9.672 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

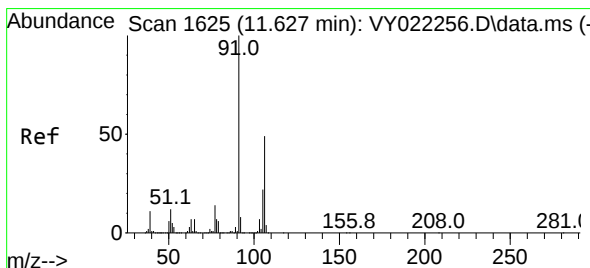
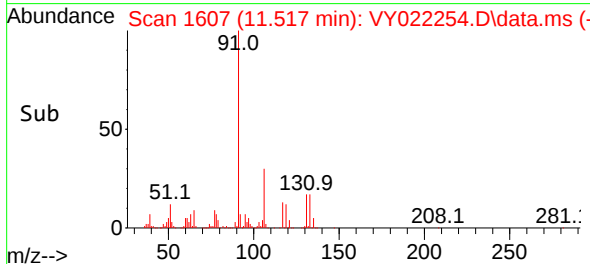
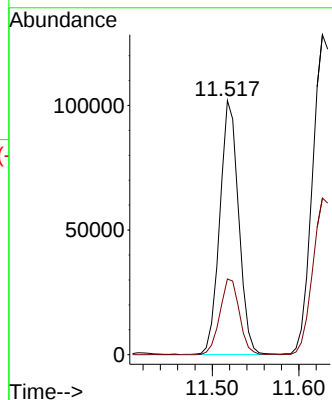
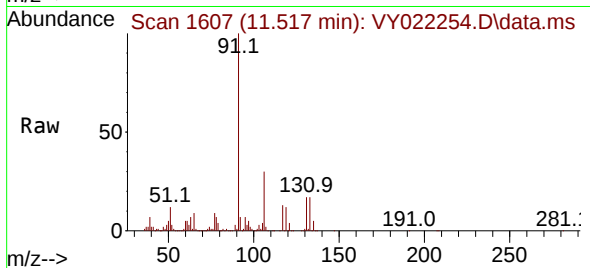
VSTDIC010

Tgt Ion: 91 Resp: 154155

Ion Ratio Lower Upper

91 100

106 29.8 25.4 38.0



#68

m/p-Xylenes

Concen: 19.334 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022254.D

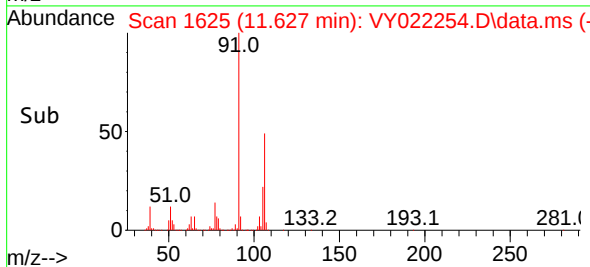
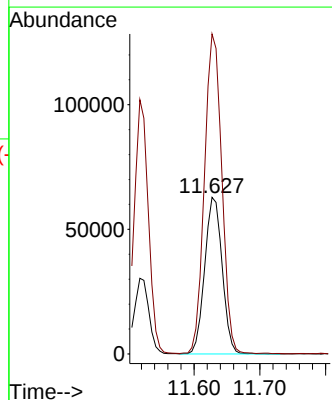
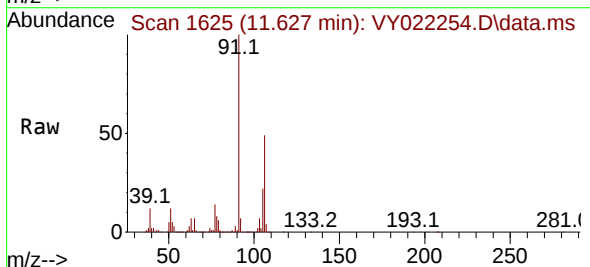
Acq: 15 May 2025 10:16

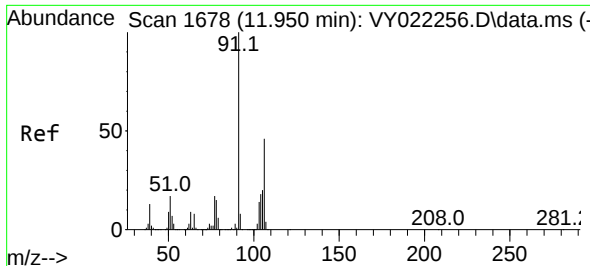
Tgt Ion:106 Resp: 116113

Ion Ratio Lower Upper

106 100

91 202.4 163.0 244.4

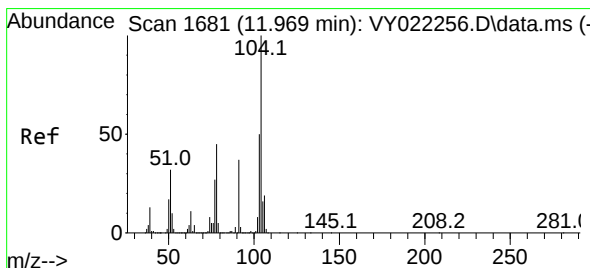
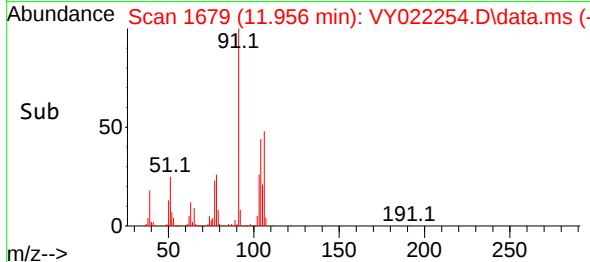
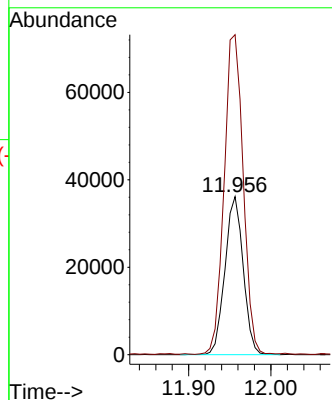
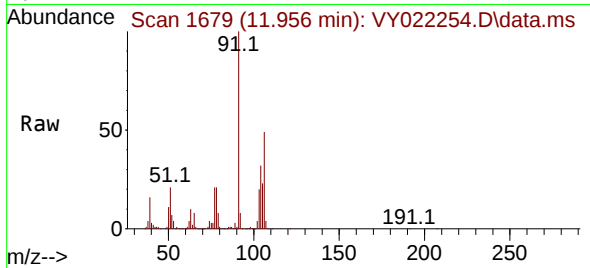




#69
o-Xylene
Concen: 9.837 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

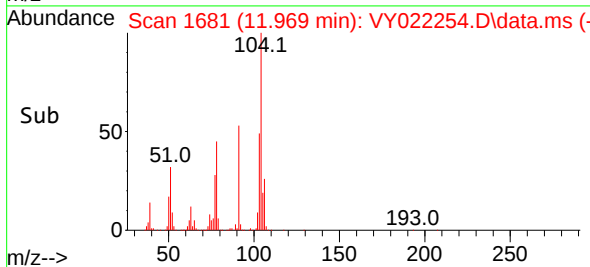
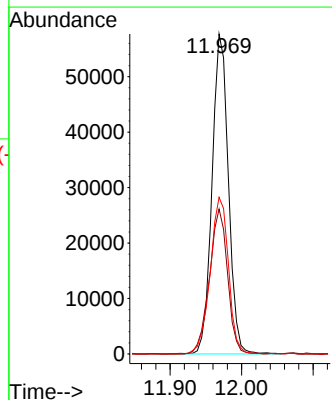
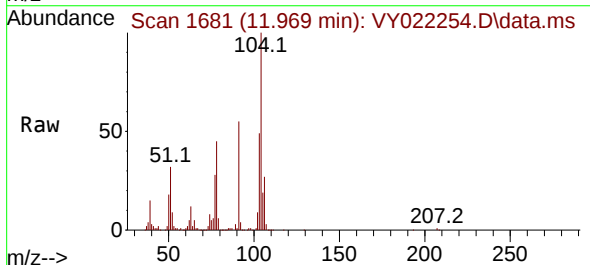
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

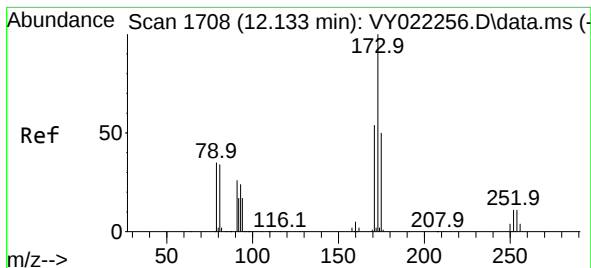
Tgt Ion:106 Resp: 55896
Ion Ratio Lower Upper
106 100
91 210.6 108.3 324.8



#70
Styrene
Concen: 9.553 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion:104 Resp: 91569
Ion Ratio Lower Upper
104 100
78 50.4 40.9 61.3
103 54.7 43.7 65.5





#71

Bromoform

Concen: 10.228 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

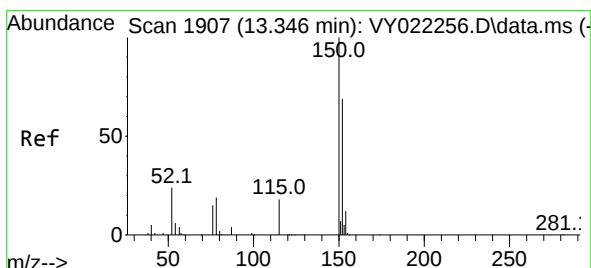
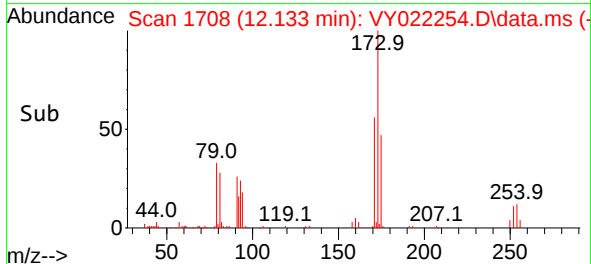
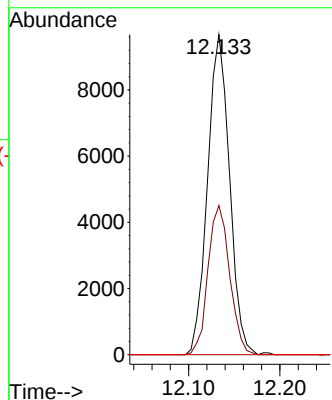
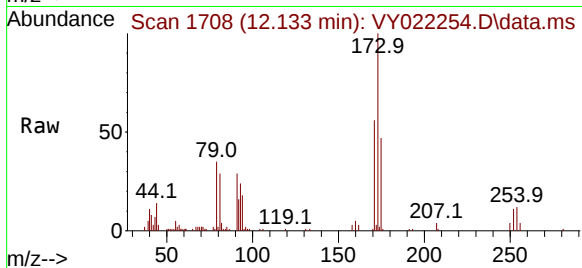
Tgt Ion:173 Resp: 16151

Ion Ratio Lower Upper

173 100

175 45.9 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

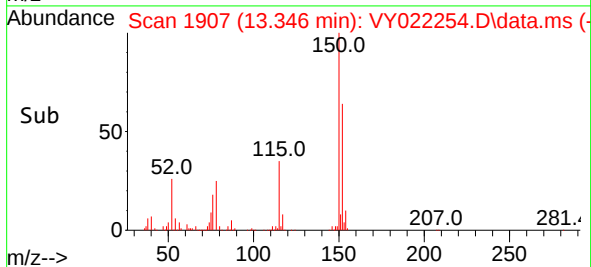
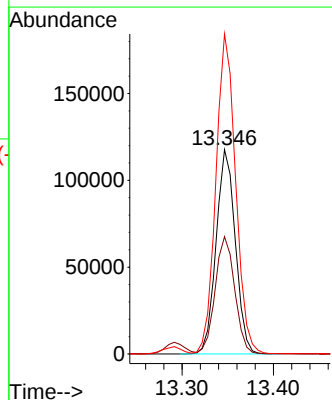
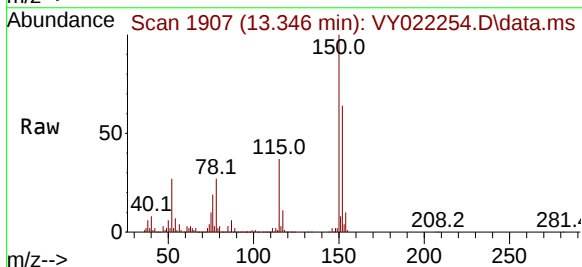
Tgt Ion:152 Resp: 171972

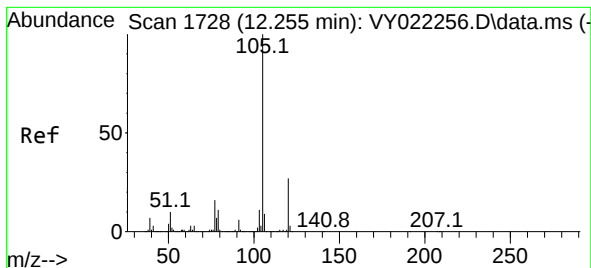
Ion Ratio Lower Upper

152 100

115 58.4 29.4 88.2

150 161.2 0.0 353.8





#73

Isopropylbenzene

Concen: 10.120 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

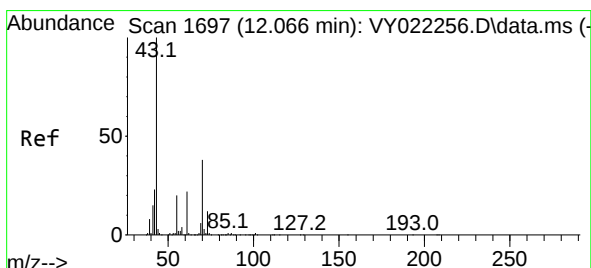
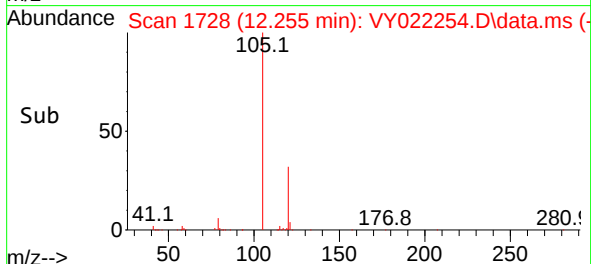
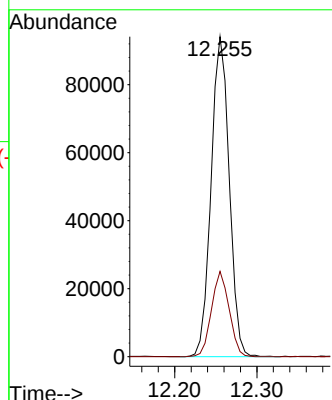
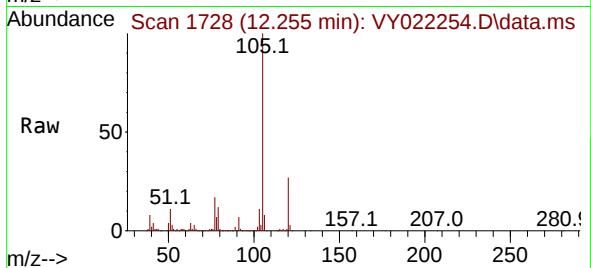
VSTDIC010

Tgt Ion:105 Resp: 144186

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



#74

N-ethyl acetate

Concen: 9.901 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion: 43 Resp: 40345

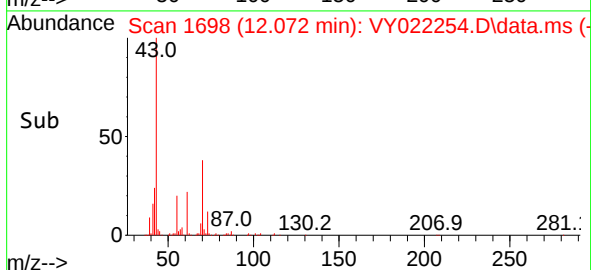
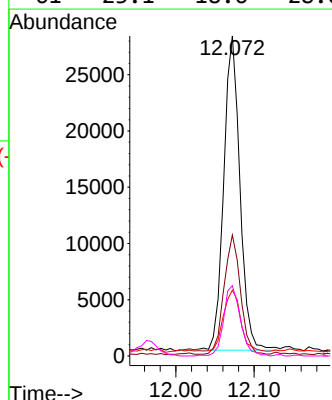
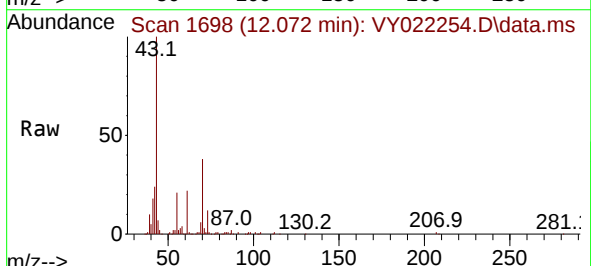
Ion Ratio Lower Upper

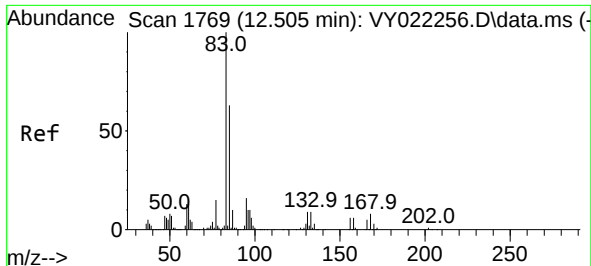
43 100

70 38.2 31.4 47.0

55 20.5 17.0 25.6

61 23.1 18.6 28.0

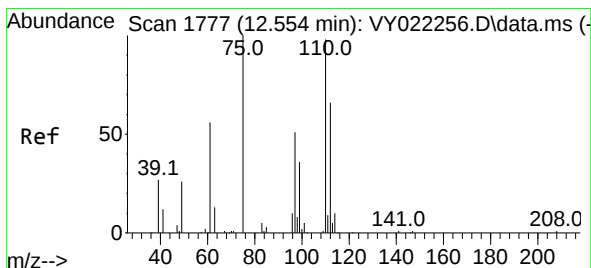
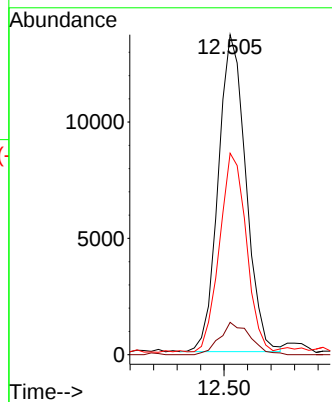
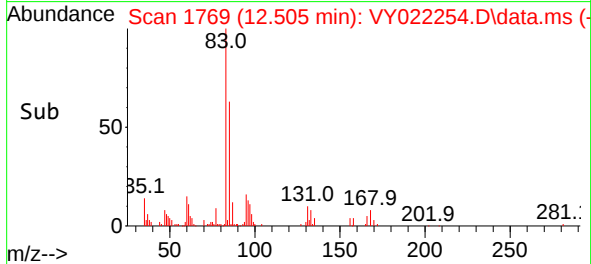
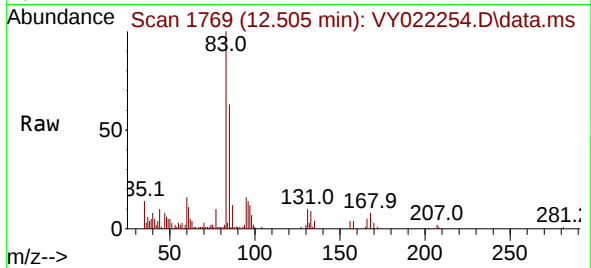




#75
1,1,2,2-Tetrachloroethane
Concen: 10.152 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

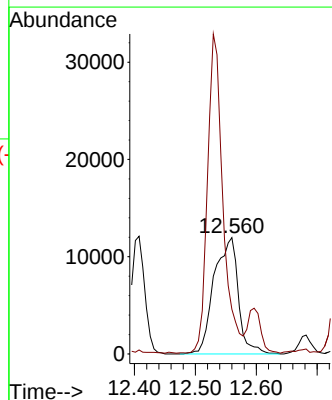
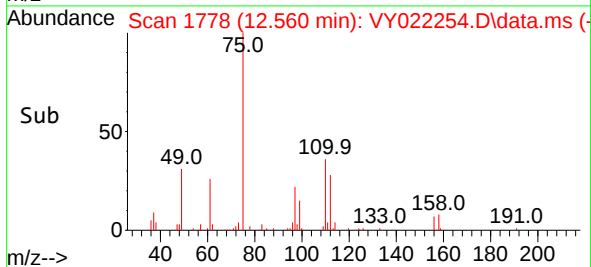
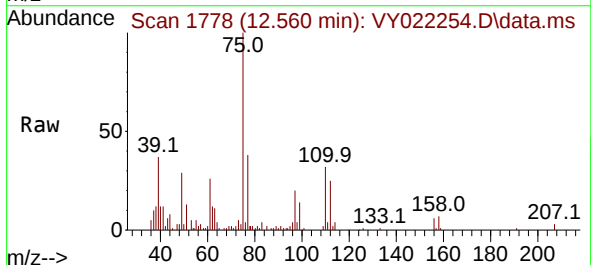
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

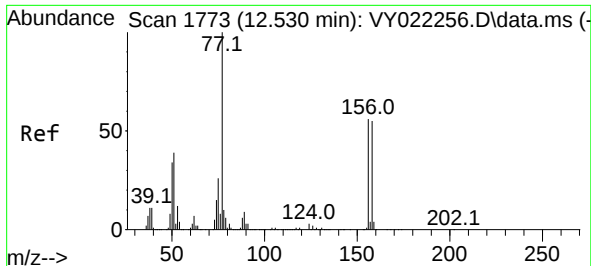
Tgt Ion: 83 Resp: 22243
Ion Ratio Lower Upper
83 100
131 11.1 4.9 14.7
85 60.8 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 10.913 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 75 Resp: 33075
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

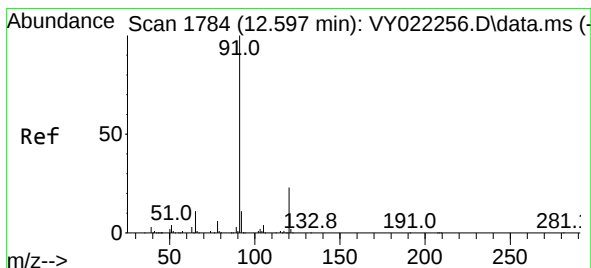
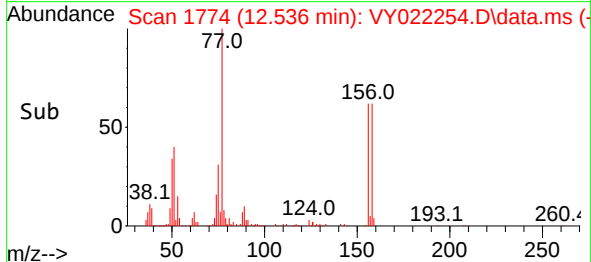
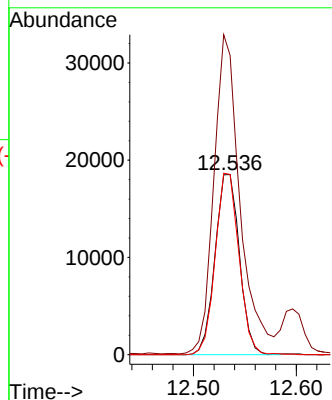
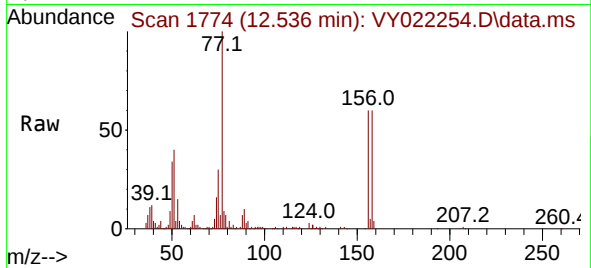




#77
Bromobenzene
Concen: 10.005 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

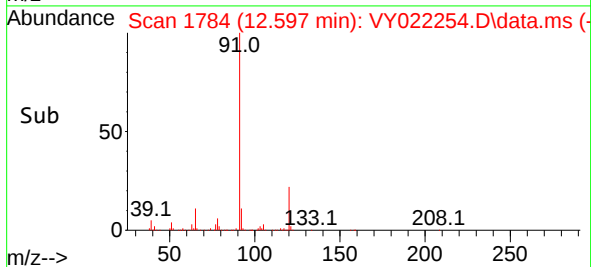
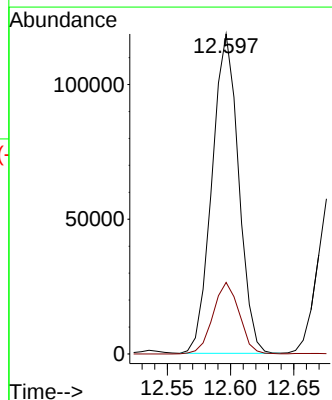
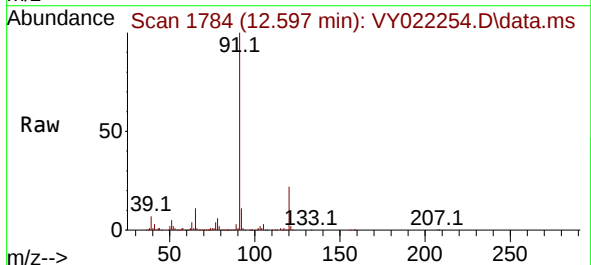
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

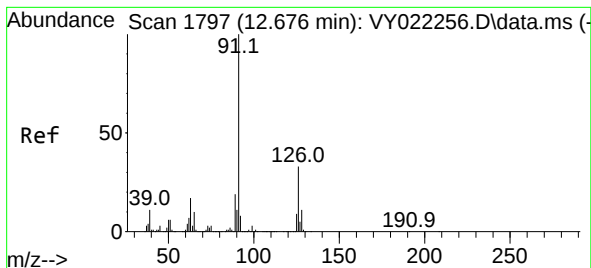
Tgt Ion:156 Resp: 30445
Ion Ratio Lower Upper
156 100
77 189.7 94.5 283.6
158 98.1 48.4 145.3



#78
n-propylbenzene
Concen: 10.101 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 91 Resp: 173575
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3





#79

2-Chlorotoluene

Concen: 10.146 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

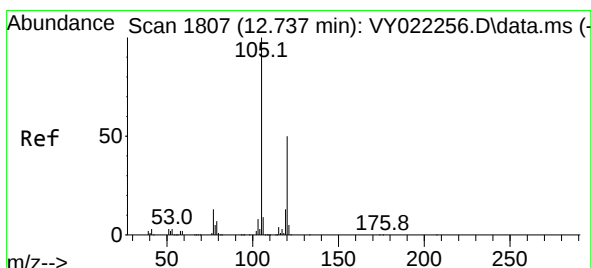
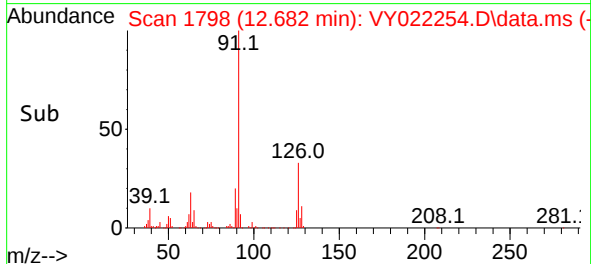
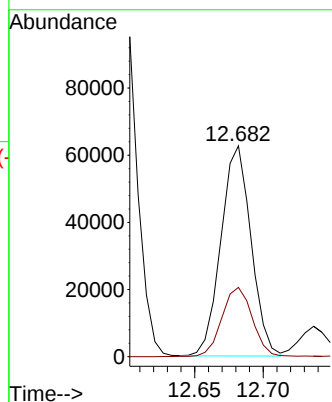
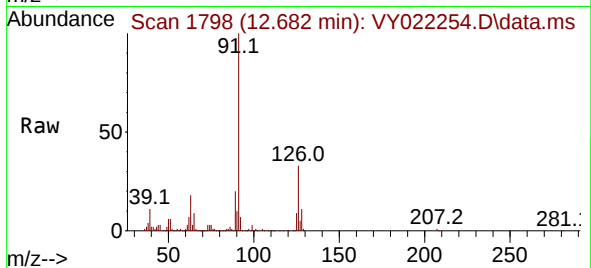
VSTDIC010

Tgt Ion: 91 Resp: 95815

Ion Ratio Lower Upper

91 100

126 33.6 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 10.126 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022254.D

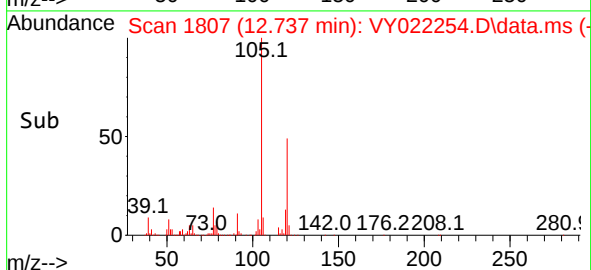
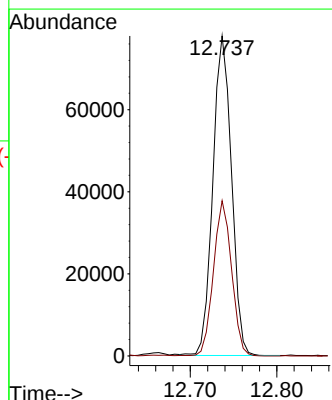
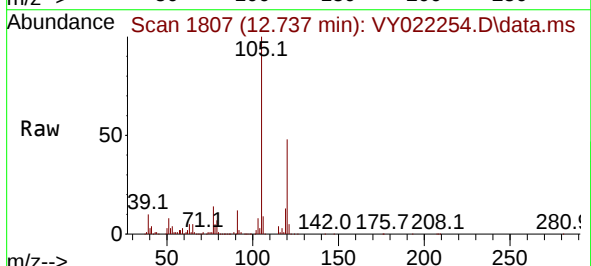
Acq: 15 May 2025 10:16

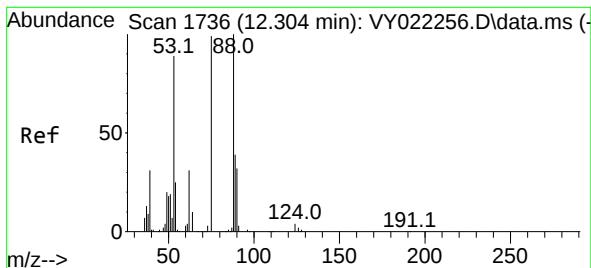
Tgt Ion: 105 Resp: 116461

Ion Ratio Lower Upper

105 100

120 47.4 24.2 72.6

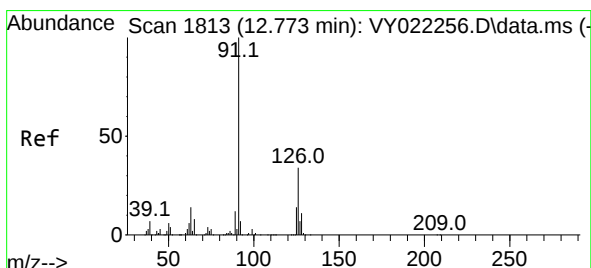
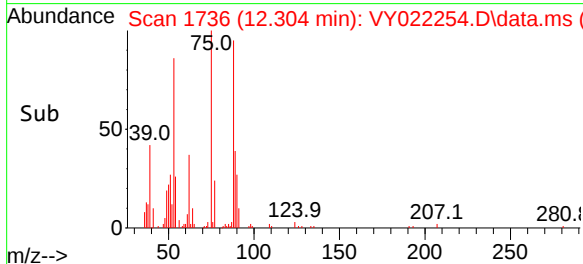
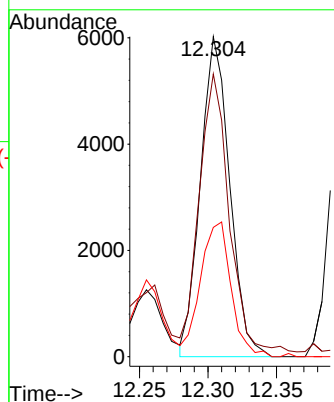
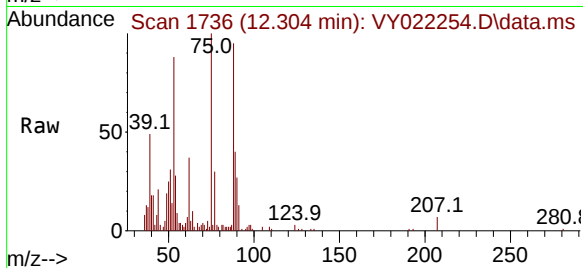




#81
trans-1,4-Dichloro-2-butene
Concen: 10.388 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

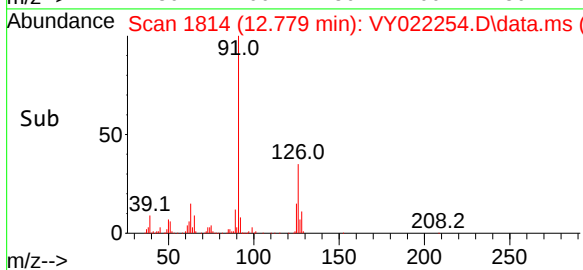
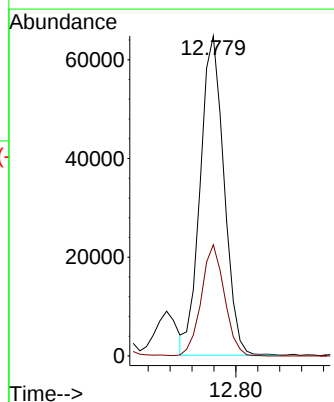
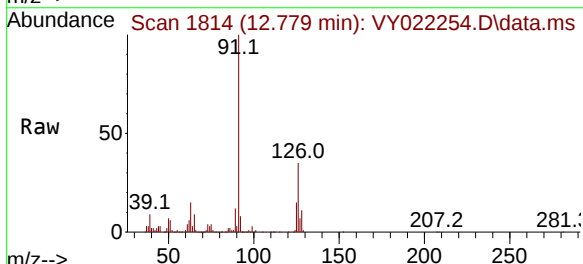
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

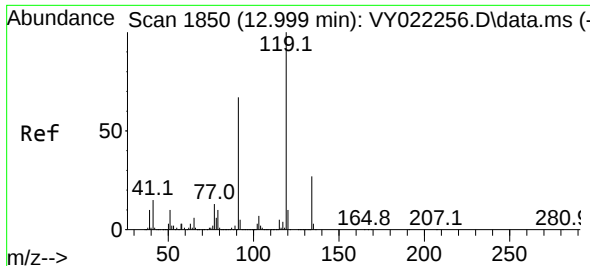
Tgt Ion: 75 Resp: 8934
Ion Ratio Lower Upper
75 100
53 87.6 75.8 113.8
89 44.0 36.2 54.2



#82
4-Chlorotoluene
Concen: 10.018 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022254.D
Acq: 15 May 2025 10:16

Tgt Ion: 91 Resp: 97309
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.4

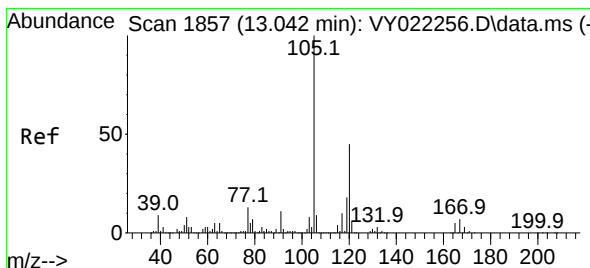
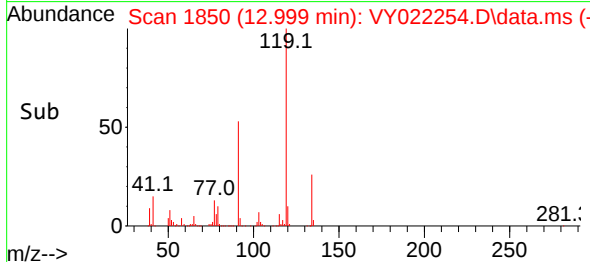
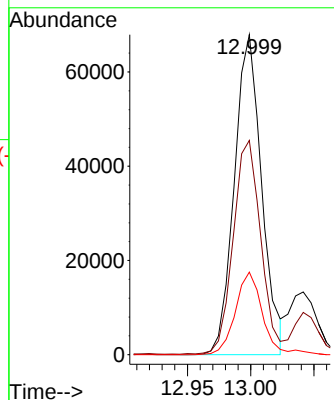
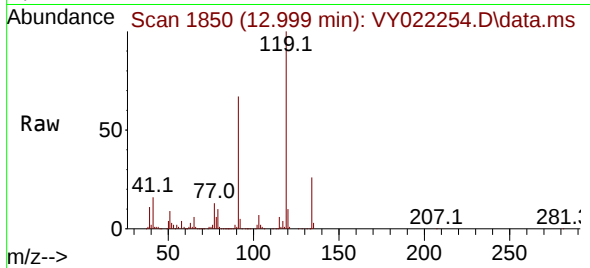




#83
 tert-Butylbenzene
 Concen: 10.005 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

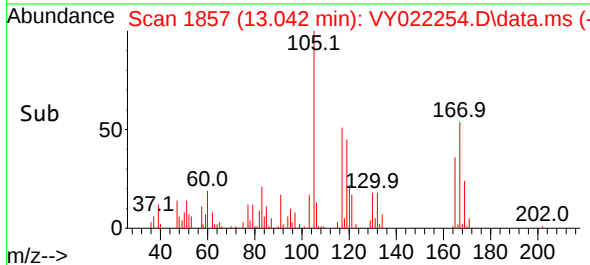
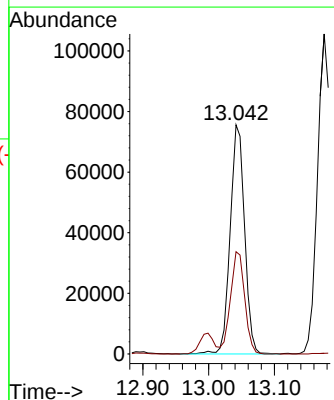
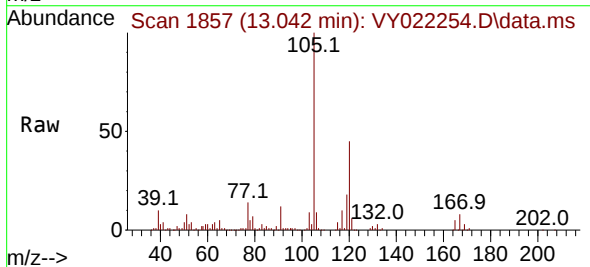
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion:119 Resp: 102274
 Ion Ratio Lower Upper
 119 100
 91 66.9 32.8 98.3
 134 25.7 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 10.088 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

Tgt Ion:105 Resp: 115175
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 10.112 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

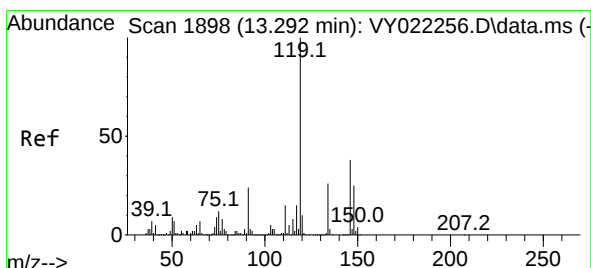
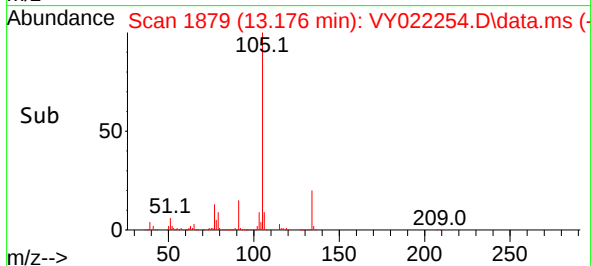
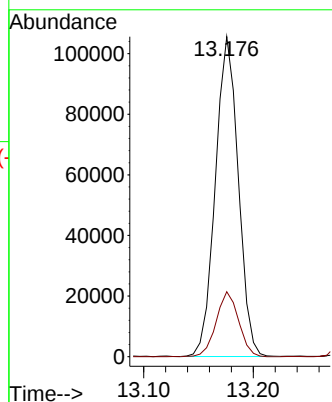
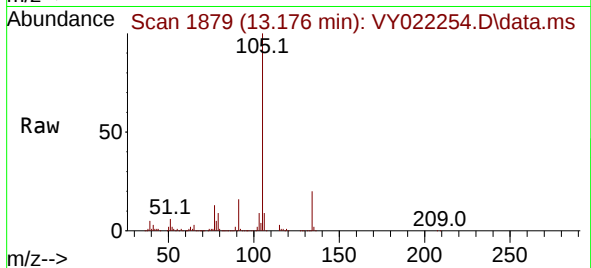
VSTDIC010

Tgt Ion:105 Resp: 153443

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 9.728 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

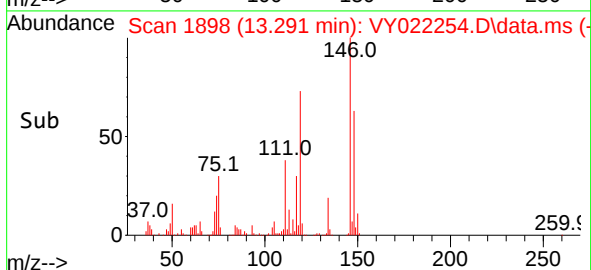
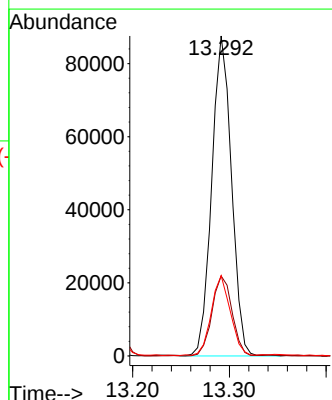
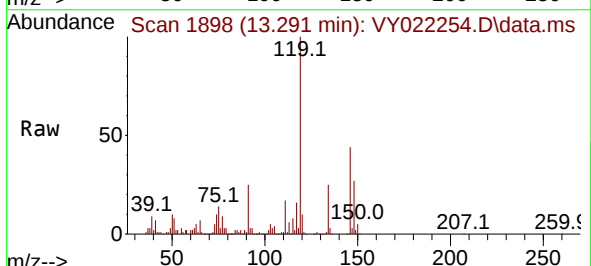
Tgt Ion:119 Resp: 124147

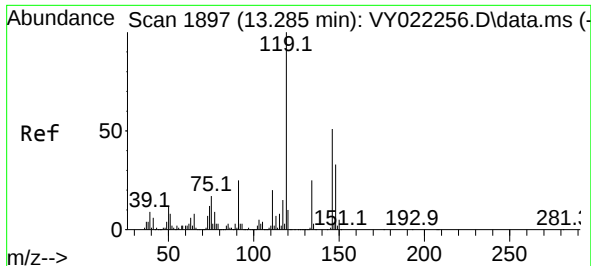
Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.6

91 24.1 12.1 36.3

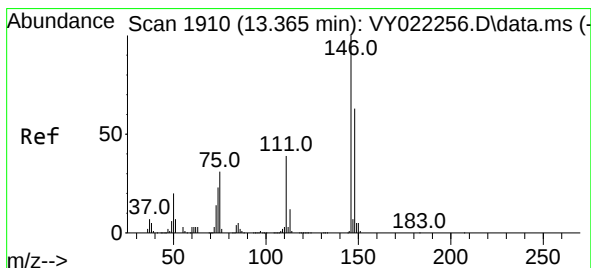
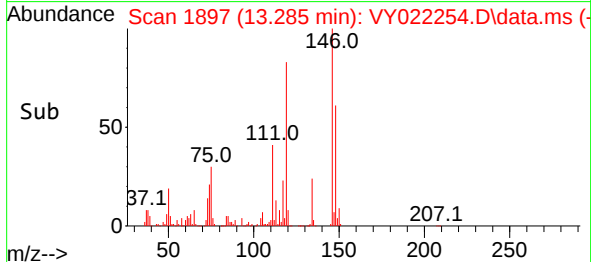
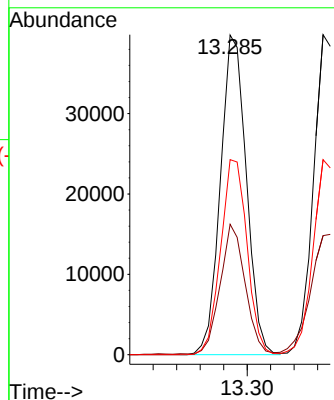
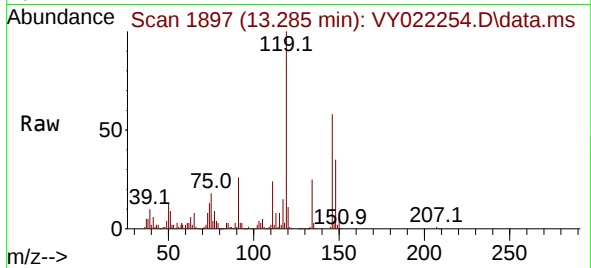




#87
 1,3-Dichlorobenzene
 Concen: 9.822 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

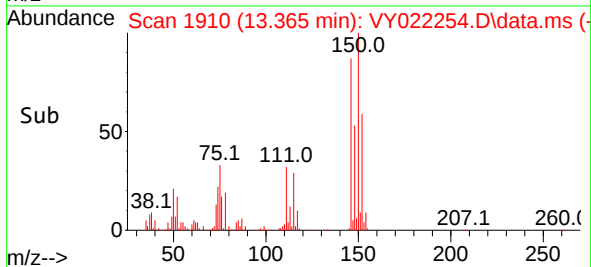
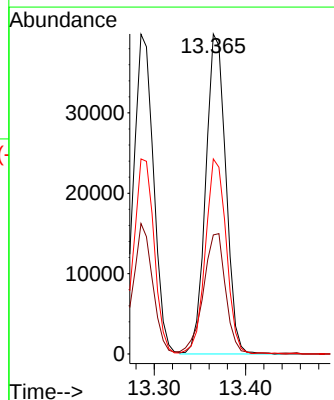
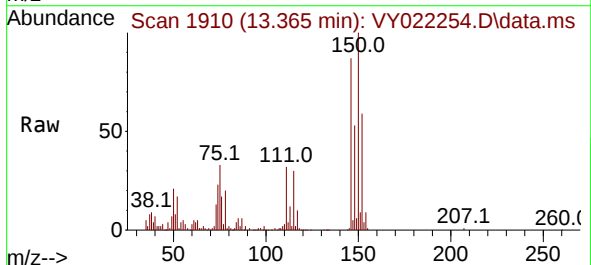
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

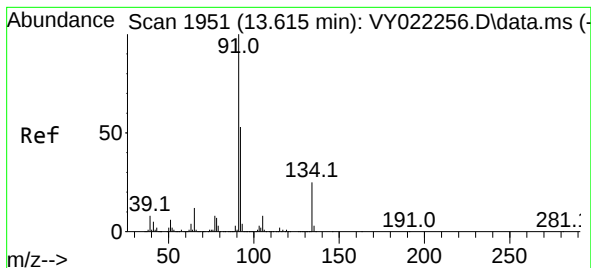
Tgt Ion:146 Resp: 61011
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.9 59.7
 148 62.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 10.163 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

Tgt Ion:146 Resp: 60723
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.0 59.9
 148 62.5 32.1 96.5





#89

n-Butylbenzene

Concen: 9.970 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

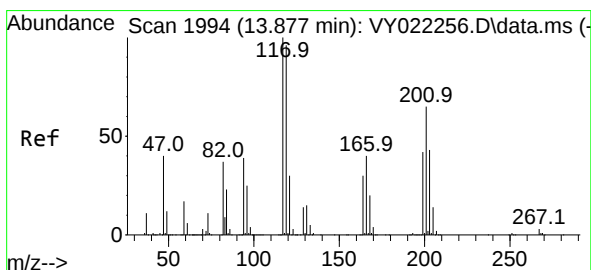
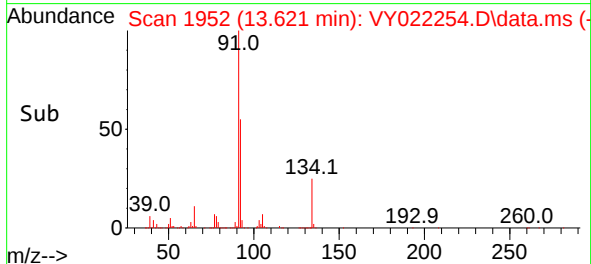
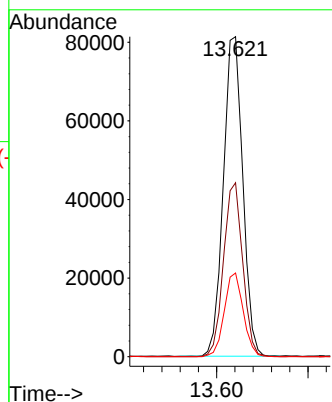
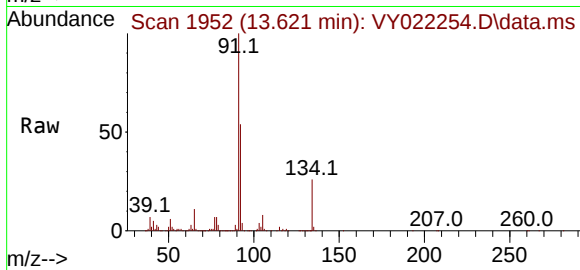
Tgt Ion: 91 Resp: 120371

Ion Ratio Lower Upper

91 100

92 53.6 26.3 78.9

134 25.5 12.4 37.4



#90

Hexachloroethane

Concen: 10.127 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022254.D

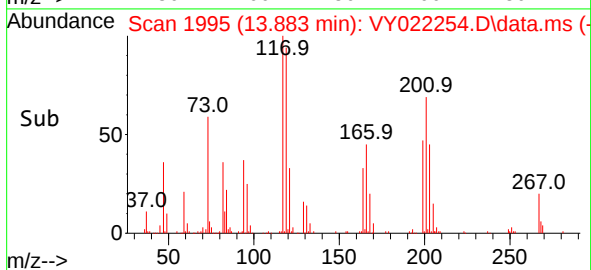
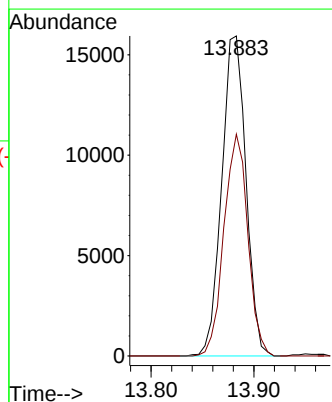
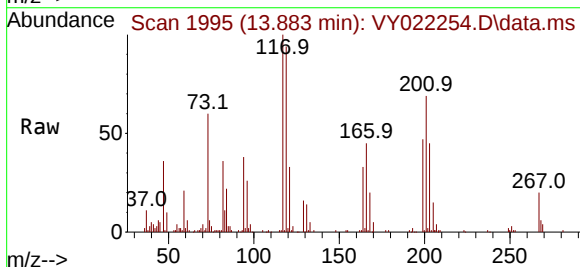
Acq: 15 May 2025 10:16

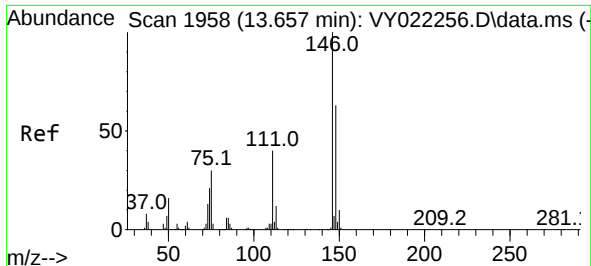
Tgt Ion: 117 Resp: 26089

Ion Ratio Lower Upper

117 100

201 68.2 35.2 105.6

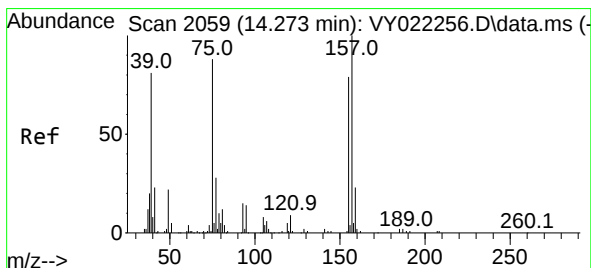
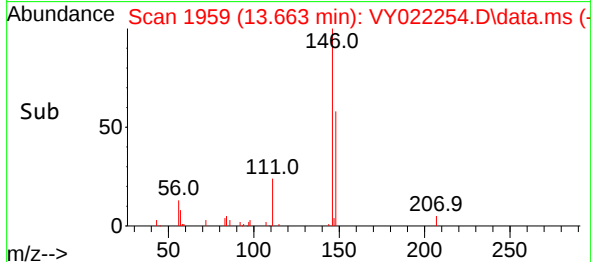
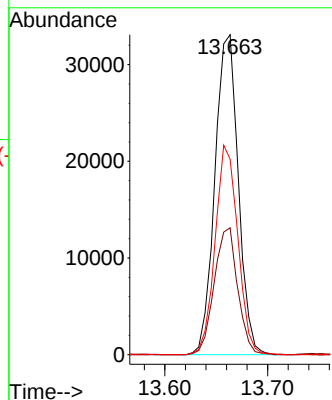
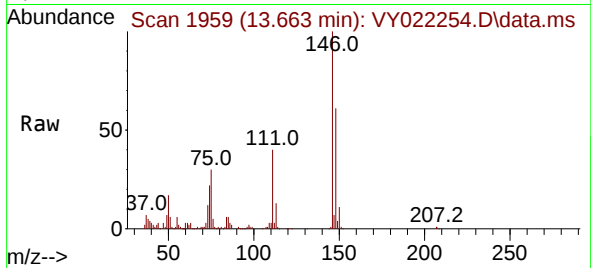




#91
 1,2-Dichlorobenzene
 Concen: 10.020 ug/l
 RT: 13.663 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

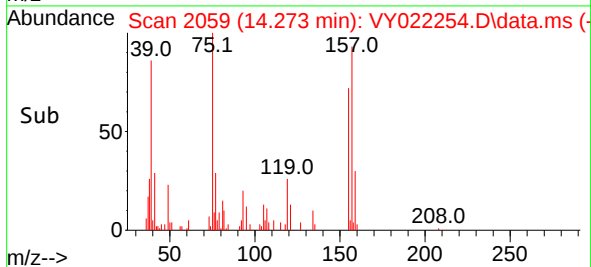
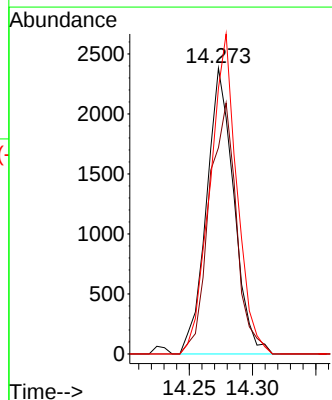
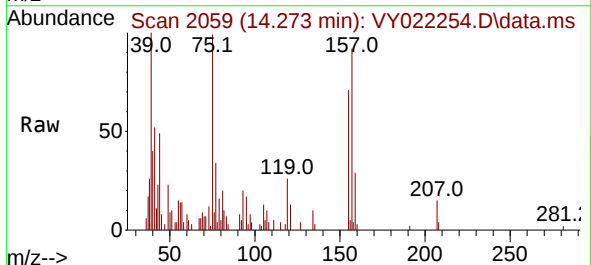
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

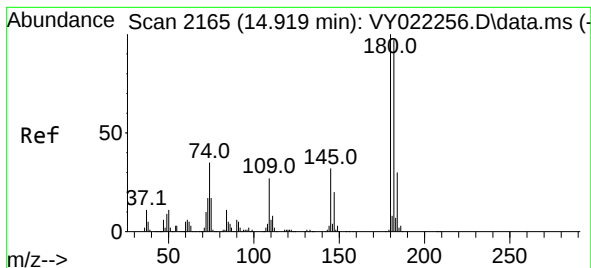
Tgt Ion:146 Resp: 52282
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.5 61.5
 148 63.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.155 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022254.D
 Acq: 15 May 2025 10:16

Tgt Ion: 75 Resp: 3588
 Ion Ratio Lower Upper
 75 100
 155 88.0 43.4 130.1
 157 109.8 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 9.646 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

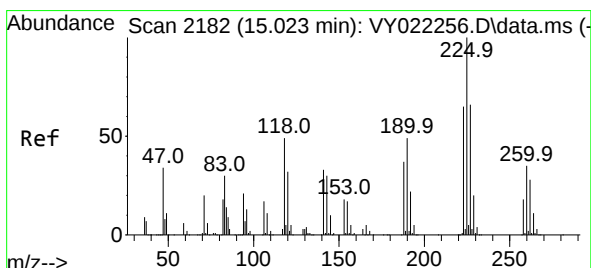
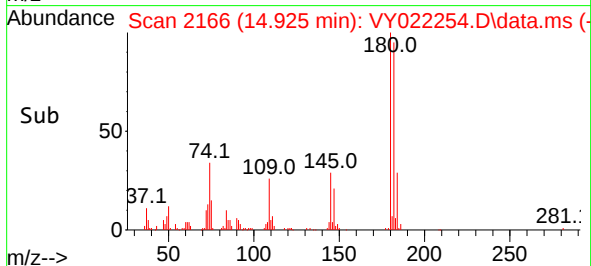
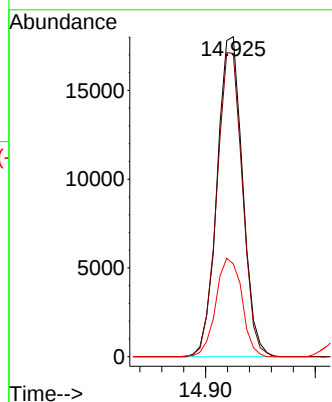
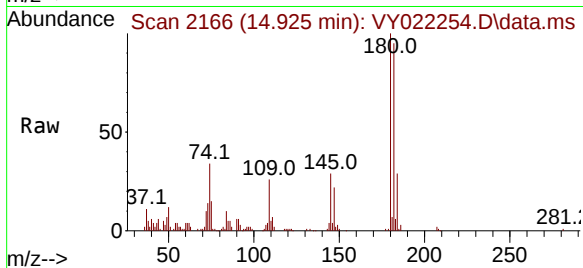
Tgt Ion:180 Resp: 29073

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.0

145 31.4 15.0 45.1



#94

Hexachlorobutadiene

Concen: 9.927 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

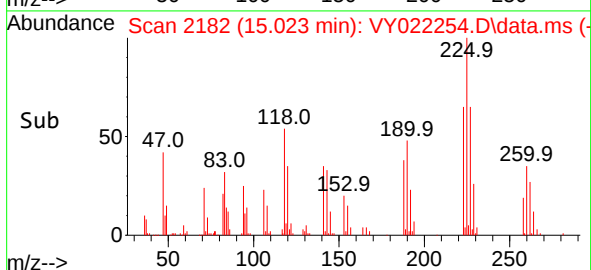
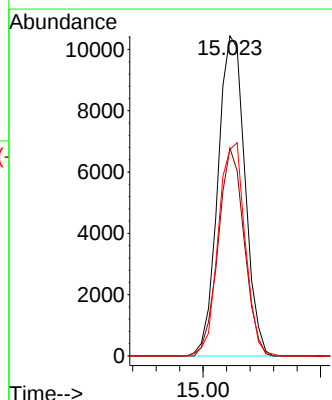
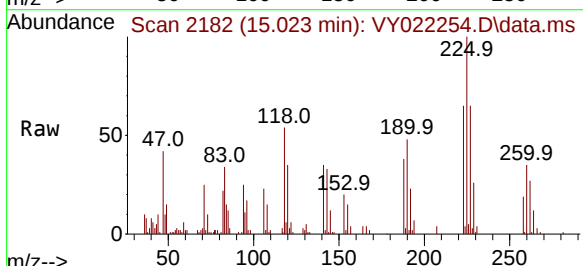
Tgt Ion:225 Resp: 16686

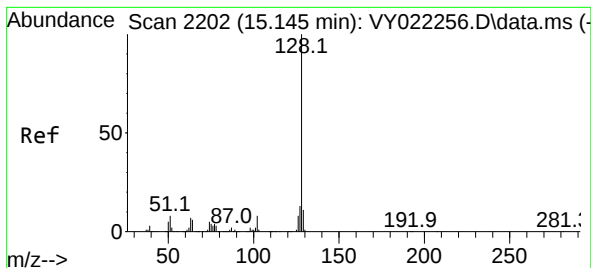
Ion Ratio Lower Upper

225 100

223 62.2 31.5 94.5

227 65.8 32.1 96.3





#95

Naphthalene

Concen: 9.495 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

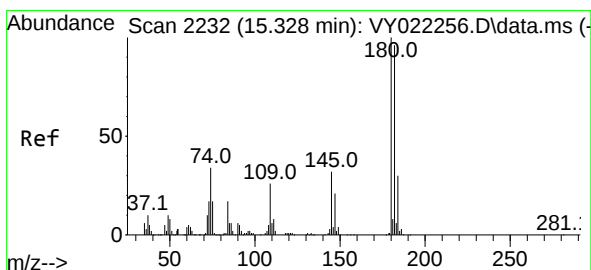
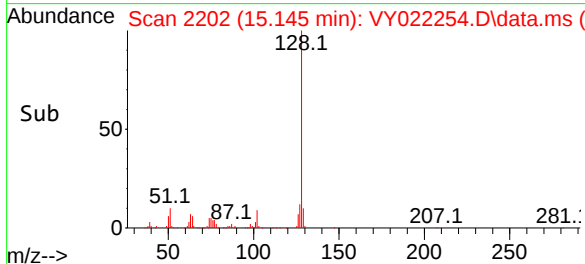
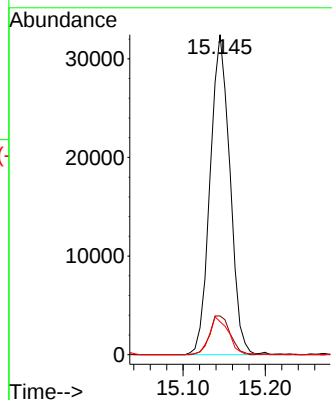
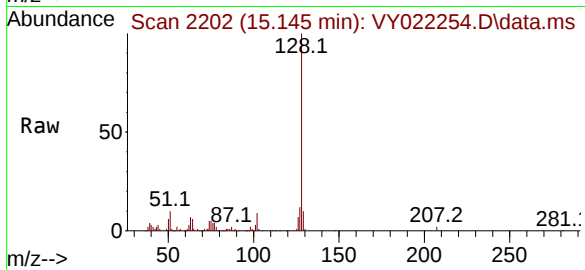
Tgt Ion:128 Resp: 54307

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 11.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 9.696 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022254.D

Acq: 15 May 2025 10:16

Tgt Ion:180 Resp: 24790

Ion Ratio Lower Upper

180 100

182 95.5 47.1 141.3

145 33.4 15.9 47.6

