

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022253.D
 Acq On : 15 May 2025 09:46
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: May 16 01:20:25 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	7.713	168	276170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	470488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	385399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	174003	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	15118	5.009	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.020%#
35) Dibromofluoromethane	7.634	113	13854	4.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.860%#
50) Toluene-d8	10.109	98	57575	5.006	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.020%#
62) 4-Bromofluorobenzene	12.408	95	18328	5.028	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.060%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	15071	5.230	ug/l	96
3) Chloromethane	2.068	50	33477	5.523	ug/l	100
4) Vinyl Chloride	2.208	62	34943	5.159	ug/l	96
5) Bromomethane	2.598	94	30561	5.543	ug/l	99
6) Chloroethane	2.739	64	20741	4.923	ug/l	97
7) Trichlorofluoromethane	3.056	101	34641	5.052	ug/l	98
8) Diethyl Ether	3.458	74	8435	5.126	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	15124	5.081	ug/l	95
10) Methyl Iodide	4.013	142	15449	4.484	ug/l	99
11) Tert butyl alcohol	4.879	59	6159	26.722	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	15064	5.099	ug/l	93
13) Acrolein	3.653	56	9366	27.796	ug/l	94
14) Allyl chloride	4.385	41	24537	4.737	ug/l	94
15) Acrylonitrile	5.061	53	17036	25.125	ug/l	100
16) Acetone	3.879	43	17340	30.639	ug/l	91
17) Carbon Disulfide	4.110	76	48817	5.068	ug/l	99
18) Methyl Acetate	4.391	43	7769	4.511	ug/l #	76
19) Methyl tert-butyl Ether	5.128	73	40392	4.959	ug/l	97
20) Methylene Chloride	4.610	84	22002	6.016	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	15943	4.889	ug/l	85
22) Diisopropyl ether	6.025	45	53760	4.915	ug/l	97
23) Vinyl Acetate	5.964	43	167594	25.361	ug/l	96
24) 1,1-Dichloroethane	5.921	63	30712	5.026	ug/l	97
25) 2-Butanone	6.903	43	24805	26.203	ug/l	91
26) 2,2-Dichloropropane	6.884	77	27440	5.048	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	18276	4.857	ug/l	98
28) Bromochloromethane	7.250	49	12774	4.901	ug/l	98
29) Tetrahydrofuran	7.268	42	14502	23.811	ug/l	93
30) Chloroform	7.421	83	28505	4.863	ug/l	94
31) Cyclohexane	7.701	56	35904	5.880	ug/l #	89
32) 1,1,1-Trichloroethane	7.622	97	27801	5.170	ug/l	96
36) 1,1-Dichloropropene	7.841	75	22314	4.824	ug/l	97
37) Ethyl Acetate	6.994	43	11910	5.352	ug/l	96
38) Carbon Tetrachloride	7.823	117	22826	4.768	ug/l	98
39) Methylcyclohexane	9.109	83	31218	5.024	ug/l	98
40) Benzene	8.085	78	64430	4.699	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022253.D
 Acq On : 15 May 2025 09:46
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Quant Time: May 16 01:20:25 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)
41) Methacrylonitrile	7.274	41	16995	10.436	ug/l #	43
42) 1,2-Dichloroethane	8.158	62	17934	4.837	ug/l	97
43) Isopropyl Acetate	8.201	43	23979	4.941	ug/l	99
44) Trichloroethene	8.872	130	16852	4.943	ug/l	95
45) 1,2-Dichloropropane	9.146	63	15855	4.796	ug/l	95
46) Dibromomethane	9.238	93	8879	4.980	ug/l	92
47) Bromodichloromethane	9.427	83	21906	4.736	ug/l #	95
48) Methyl methacrylate	9.225	41	10729	4.727	ug/l	98
49) 1,4-Dioxane	9.244	88	1962	97.404	ug/l #	78
51) 4-Methyl-2-Pentanone	10.000	43	55880	23.464	ug/l	97
52) Toluene	10.170	92	41001	4.722	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	21842	4.839	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	24609	4.758	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	11333	4.964	ug/l #	89
56) Ethyl methacrylate	10.438	69	17420	4.898	ug/l	98
57) 1,3-Dichloropropane	10.725	76	19684	4.852	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	33215	20.807	ug/l	100
59) 2-Hexanone	10.762	43	39307	24.617	ug/l	100
60) Dibromochloromethane	10.914	129	13908	4.693	ug/l	98
61) 1,2-Dibromoethane	11.018	107	10391	4.883	ug/l	94
64) Tetrachloroethene	10.652	164	18255	5.125	ug/l	96
65) Chlorobenzene	11.444	112	42844	4.927	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	14385	4.812	ug/l	99
67) Ethyl Benzene	11.524	91	77606	4.766	ug/l	99
68) m/p-Xylenes	11.633	106	57721	9.407	ug/l	99
69) o-Xylene	11.957	106	27130	4.673	ug/l	99
70) Styrene	11.975	104	45556	4.652	ug/l	99
71) Bromoform	12.133	173	7799	4.834	ug/l #	94
73) Isopropylbenzene	12.255	105	72325	5.017	ug/l	98
74) N-amyl acetate	12.072	43	20793	5.043	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	11422	5.152	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	17315	5.646	ug/l #	100
77) Bromobenzene	12.536	156	15441	5.015	ug/l	97
78) n-propylbenzene	12.597	91	87533	5.034	ug/l	98
79) 2-Chlorotoluene	12.682	91	47245	4.944	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	59031	5.073	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	4676	5.373	ug/l	97
82) 4-Chlorotoluene	12.780	91	48737	4.959	ug/l	98
83) tert-Butylbenzene	12.999	119	52841	5.109	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	55488	4.804	ug/l	97
85) sec-Butylbenzene	13.176	105	76384	4.975	ug/l	97
86) p-Isopropyltoluene	13.292	119	62608	4.849	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	30564	4.863	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	30610	5.063	ug/l	96
89) n-Butylbenzene	13.621	91	59485	4.869	ug/l	99
90) Hexachloroethane	13.883	117	13445	5.158	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	26556	5.030	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1865	5.217	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	14961	4.906	ug/l	94
94) Hexachlorobutadiene	15.029	225	8887	5.226	ug/l	99
95) Naphthalene	15.151	128	29654	5.124	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	13097	5.063	ug/l	97

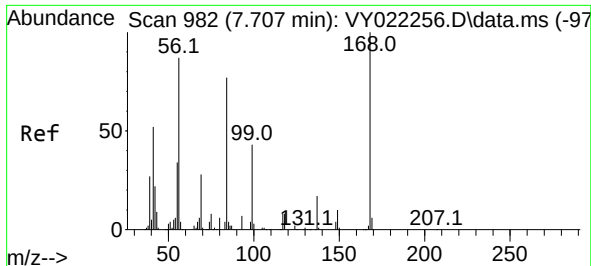
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022253.D
Acq On : 15 May 2025 09:46
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: May 16 01:20:25 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)
----------	------	------	----------	------	-------	----------

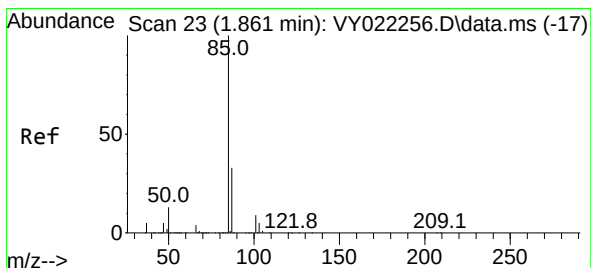
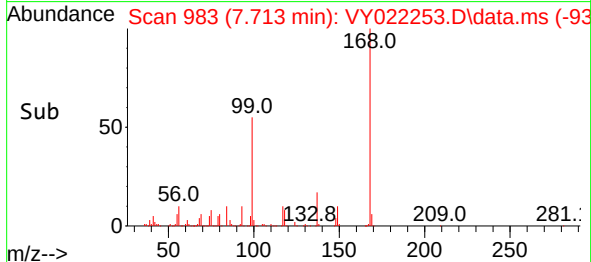
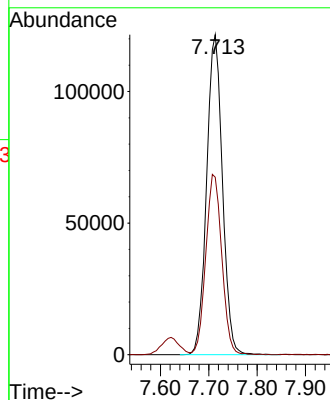
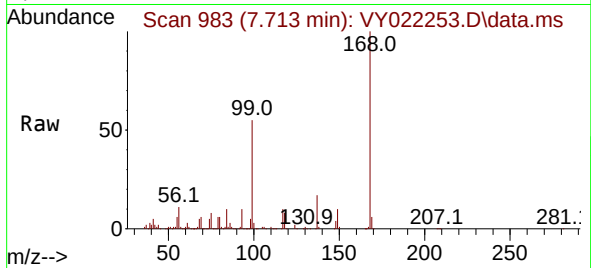
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

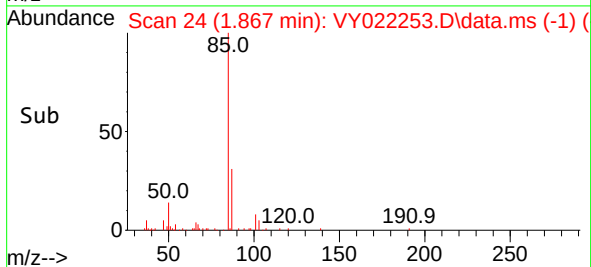
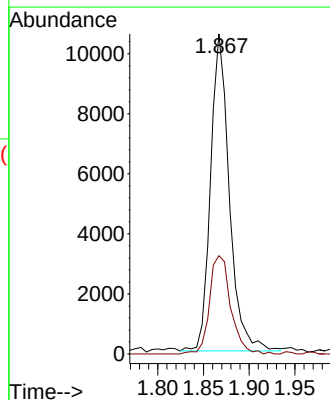
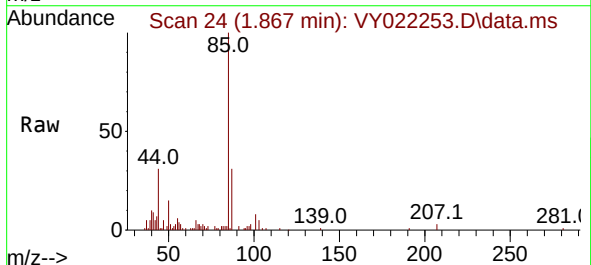
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

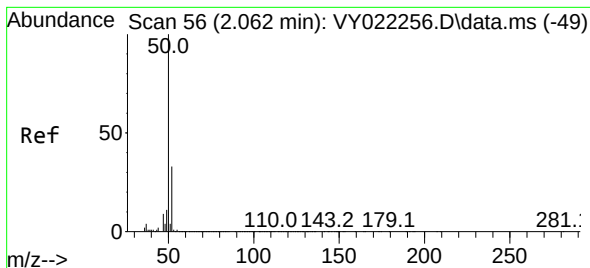
Tgt Ion:168 Resp: 276170
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 5.230 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 85 Resp: 15071
Ion Ratio Lower Upper
85 100
87 31.0 16.5 49.5





#3

Chloromethane

Concen: 5.523 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

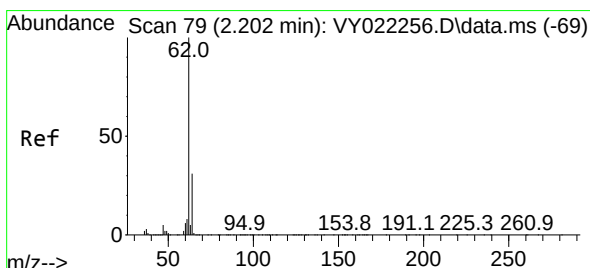
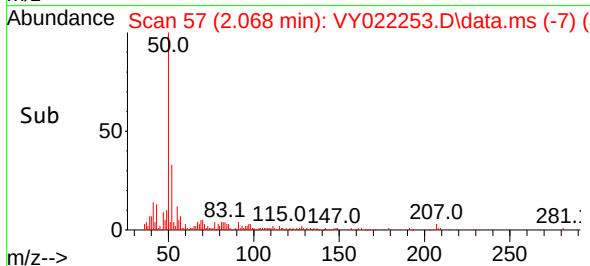
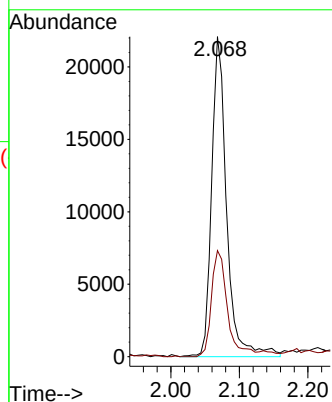
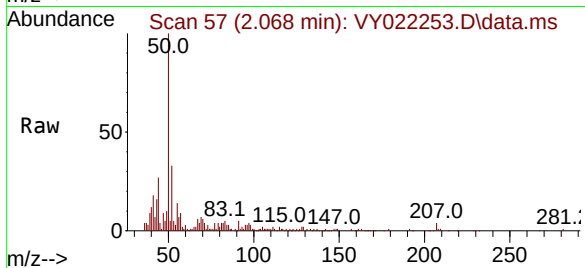
VSTDICC005

Tgt Ion: 50 Resp: 33477

Ion Ratio Lower Upper

50 100

52 33.2 26.5 39.7



#4

Vinyl Chloride

Concen: 5.159 ug/l

RT: 2.208 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022253.D

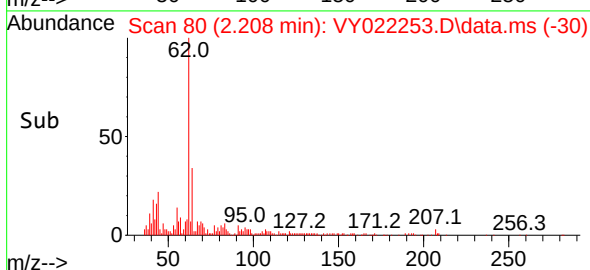
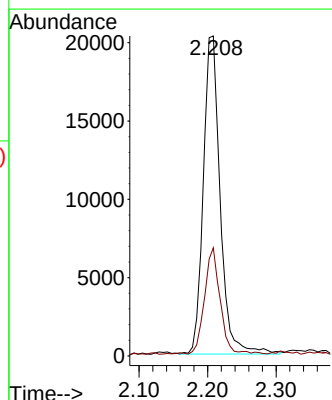
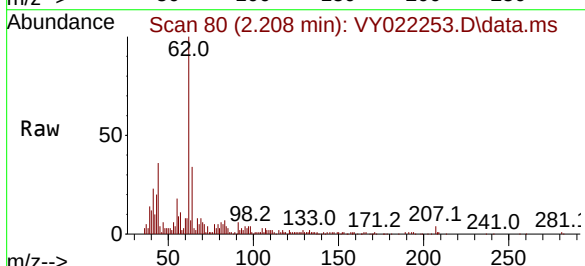
Acq: 15 May 2025 09:46

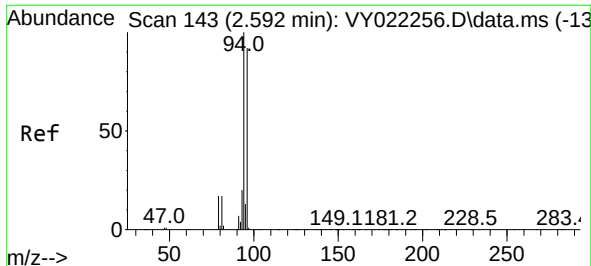
Tgt Ion: 62 Resp: 34943

Ion Ratio Lower Upper

62 100

64 33.0 24.5 36.7

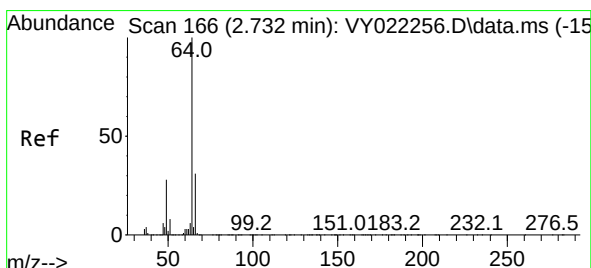
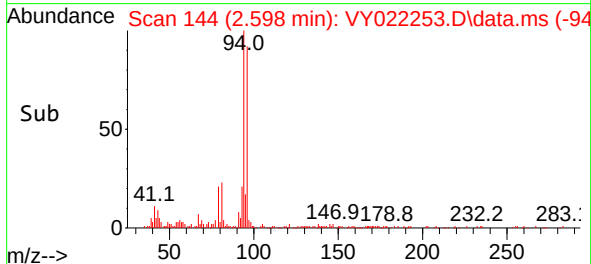
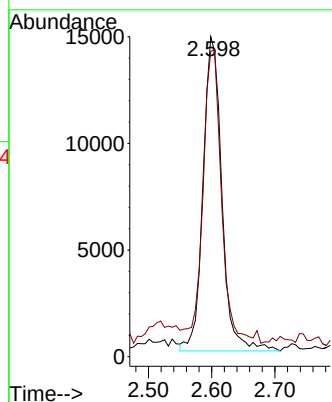
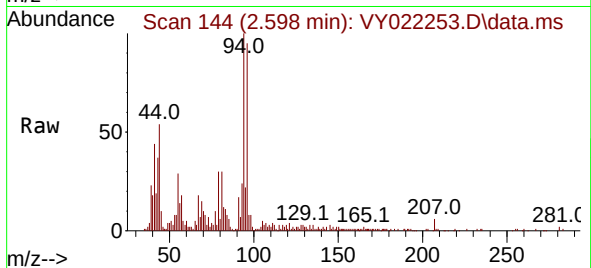




#5
Bromomethane
Concen: 5.543 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

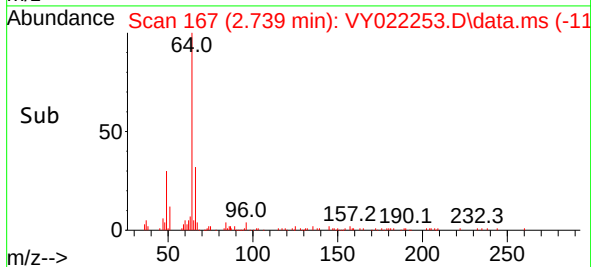
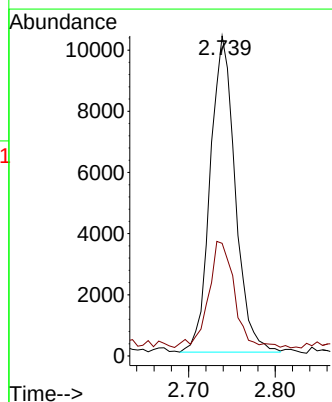
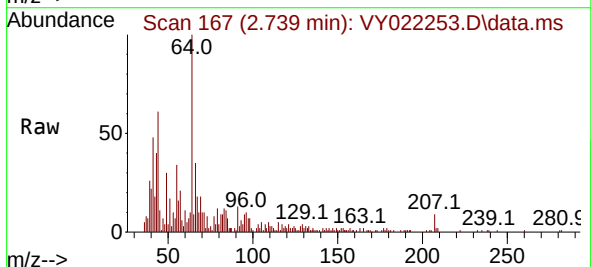
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

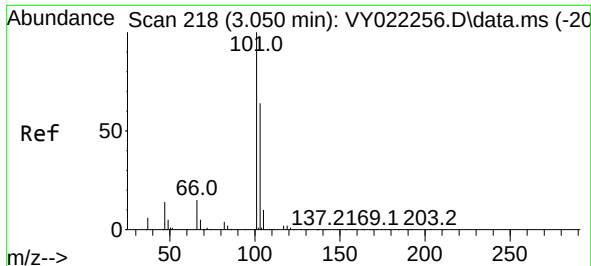
Tgt Ion: 94 Resp: 30561
Ion Ratio Lower Upper
94 100
96 90.7 73.4 110.0



#6
Chloroethane
Concen: 4.923 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 64 Resp: 20741
Ion Ratio Lower Upper
64 100
66 32.8 24.8 37.2

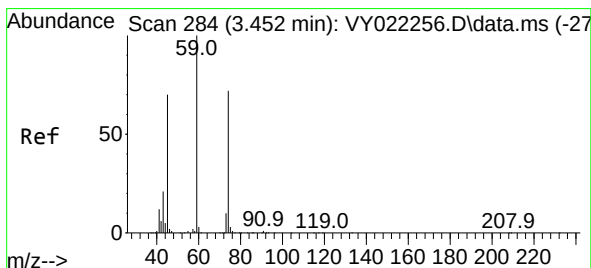
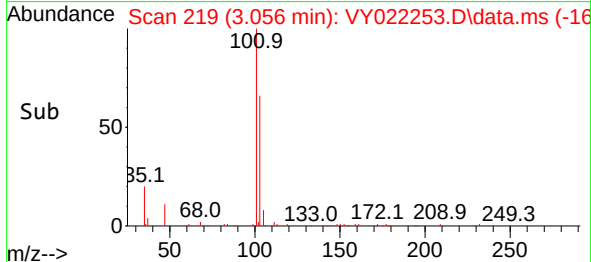
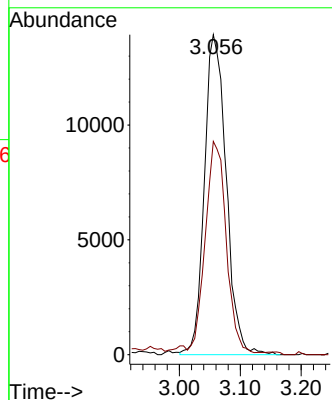
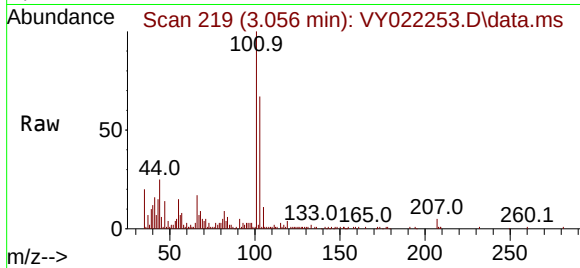




#7
Trichlorofluoromethane
Concen: 5.052 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

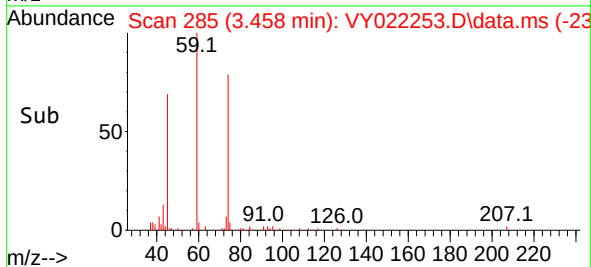
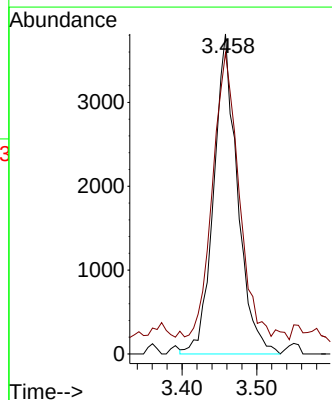
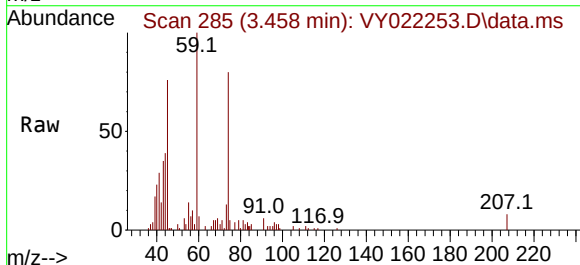
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

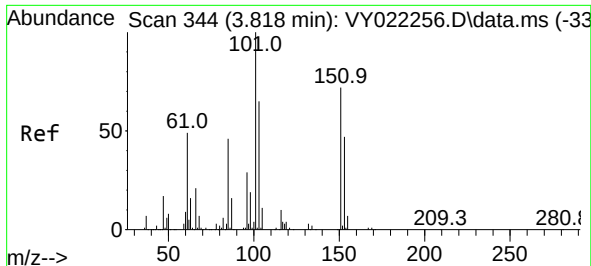
Tgt Ion:101 Resp: 34641
Ion Ratio Lower Upper
101 100
103 66.0 51.7 77.5



#8
Diethyl Ether
Concen: 5.126 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 74 Resp: 8435
Ion Ratio Lower Upper
74 100
45 96.3 48.6 145.8

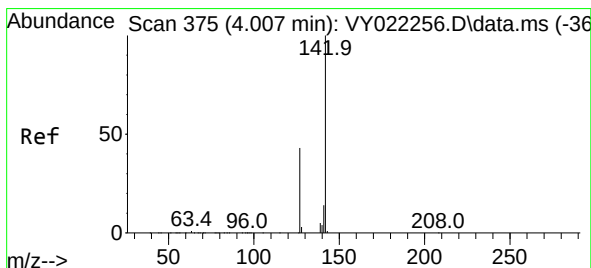
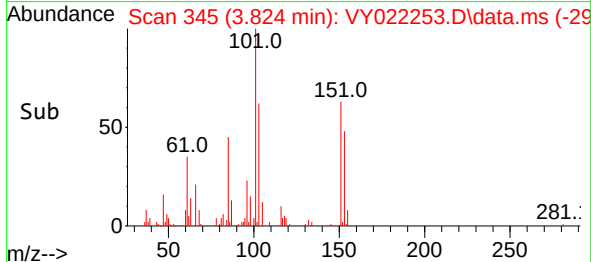
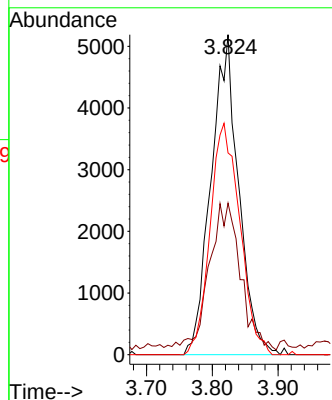
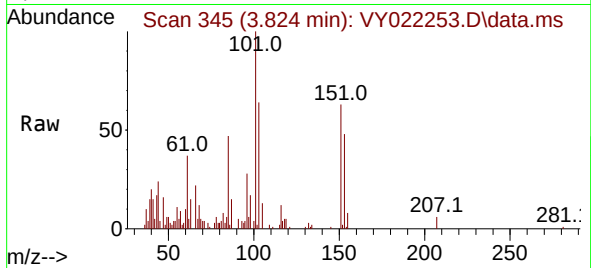




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.081 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

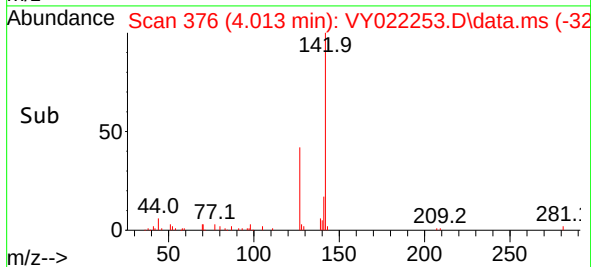
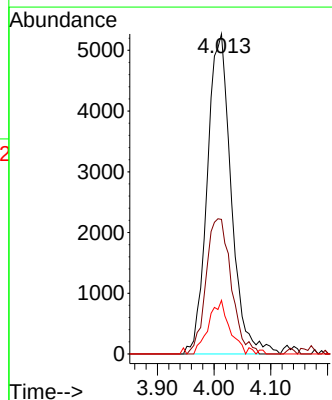
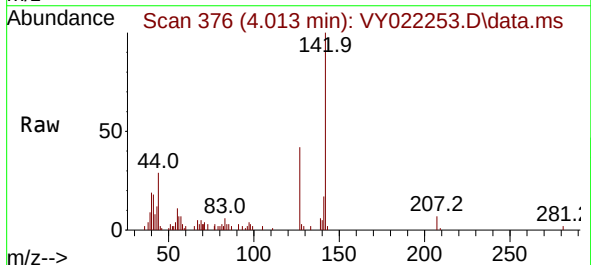
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

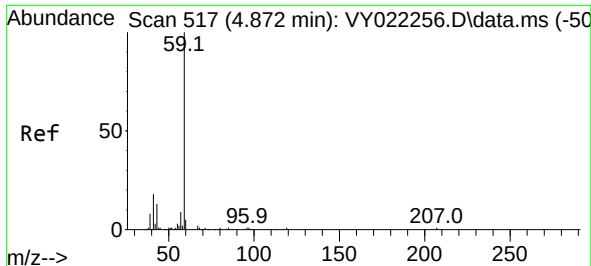
Tgt Ion:101 Resp: 15124
Ion Ratio Lower Upper
101 100
85 52.5 38.6 58.0
151 78.0 59.7 89.5



#10
Methyl Iodide
Concen: 4.484 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion:142 Resp: 15449
Ion Ratio Lower Upper
142 100
127 44.4 35.7 53.5
141 14.4 11.1 16.7

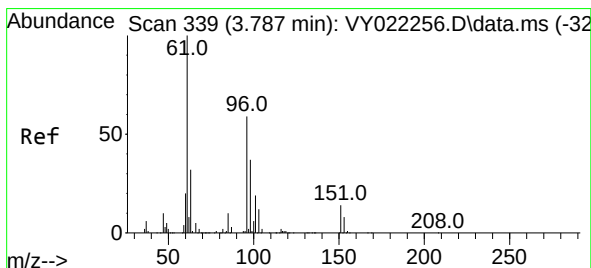
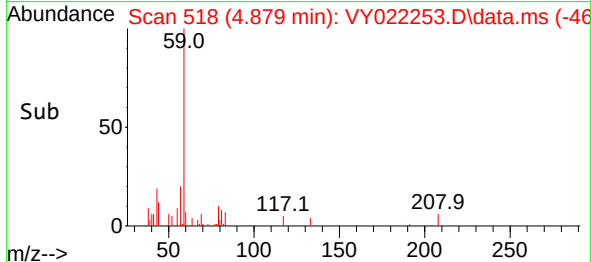
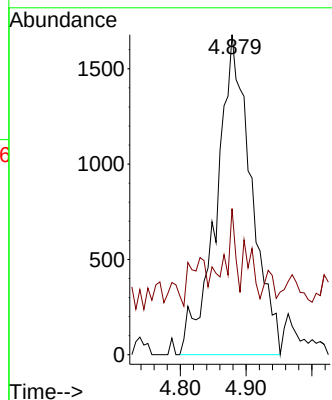
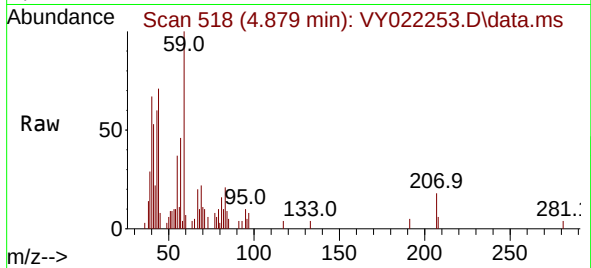




#11
Tert butyl alcohol
Concen: 26.722 ug/l
RT: 4.879 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

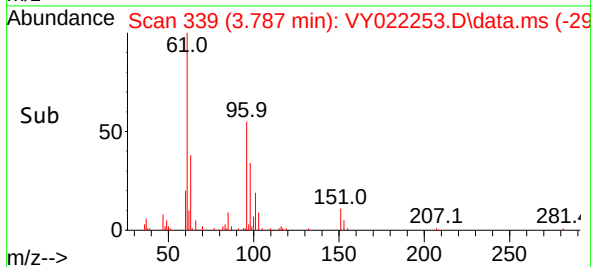
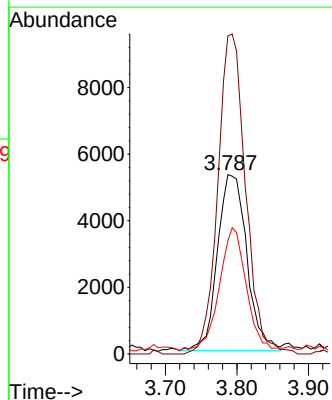
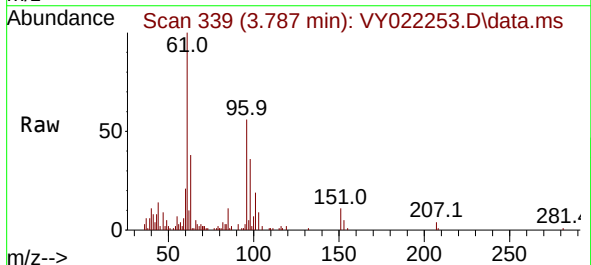
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

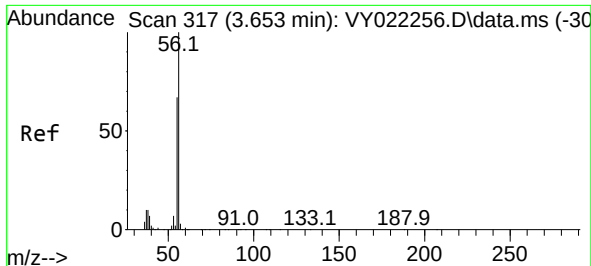
Tgt Ion: 59 Resp: 6159
Ion Ratio Lower Upper
59 100
57 5.4 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 5.099 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 96 Resp: 15064
Ion Ratio Lower Upper
96 100
61 180.8 134.9 202.3
98 62.6 49.9 74.9





#13

Acrolein

Concen: 27.796 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

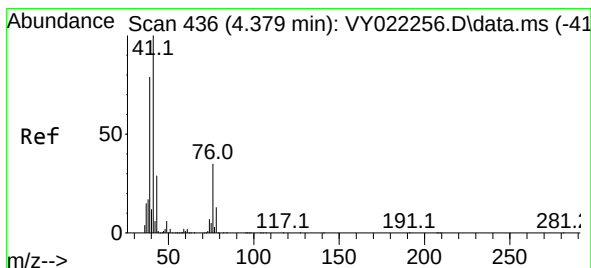
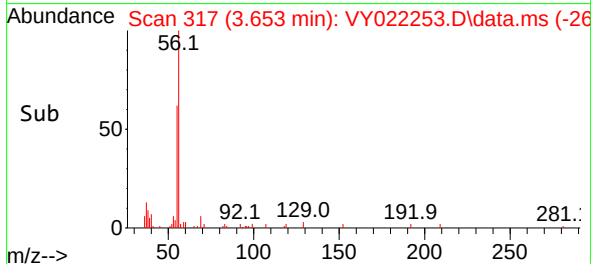
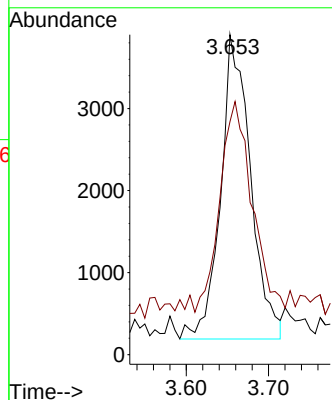
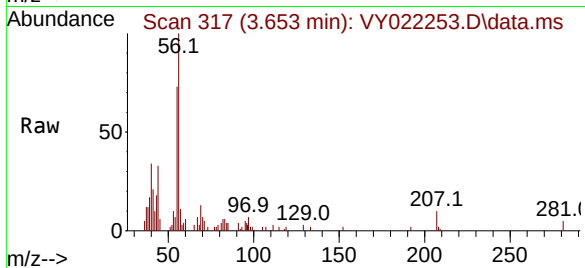
VSTDICC005

Tgt Ion: 56 Resp: 9366

Ion Ratio Lower Upper

56 100

55 74.6 55.6 83.4



#14

Allyl chloride

Concen: 4.737 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

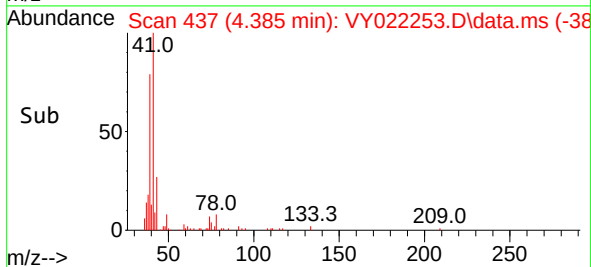
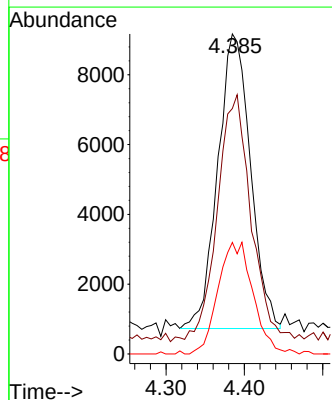
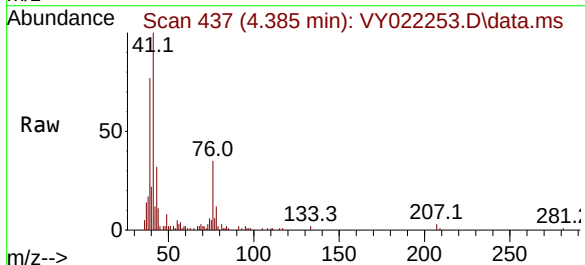
Tgt Ion: 41 Resp: 24537

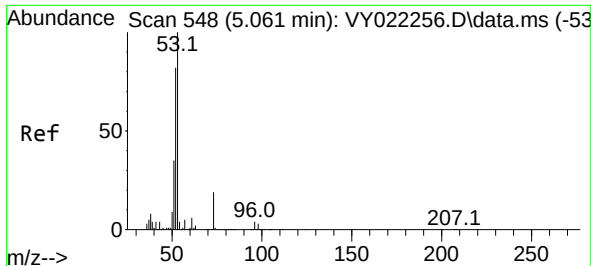
Ion Ratio Lower Upper

41 100

39 83.9 63.4 95.0

76 40.5 29.5 44.3

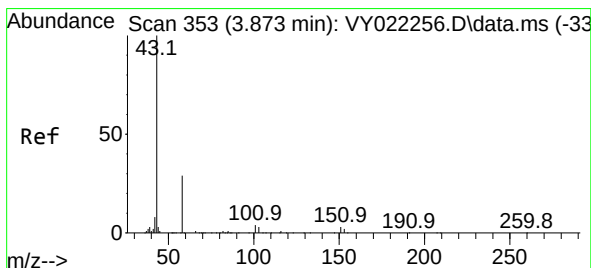
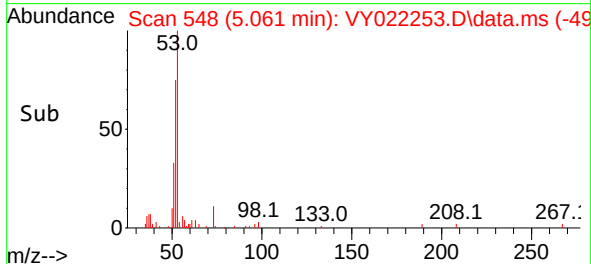
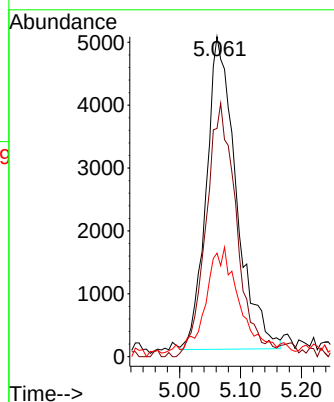
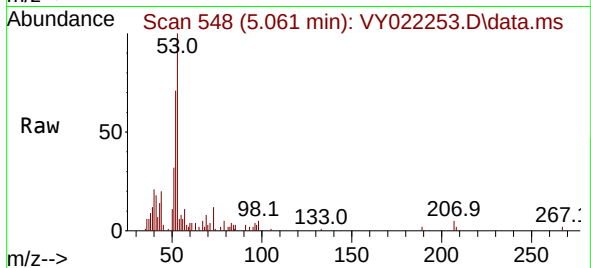




#15
Acrylonitrile
Concen: 25.125 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

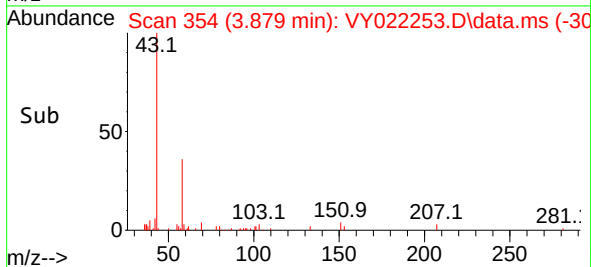
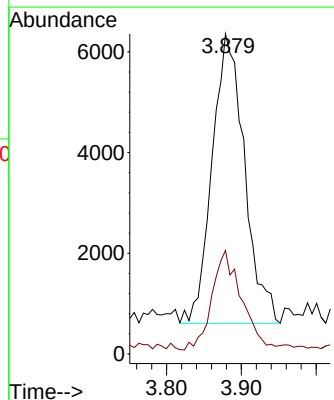
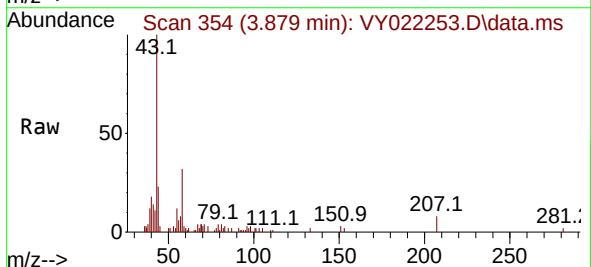
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

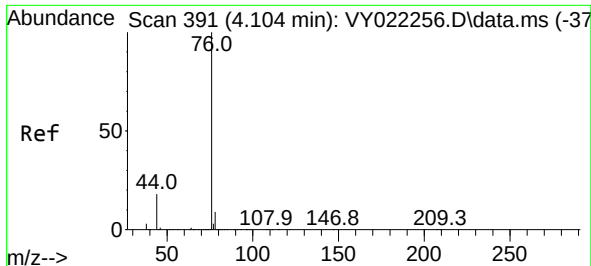
Tgt Ion: 53 Resp: 17036
Ion Ratio Lower Upper
53 100
52 82.3 66.1 99.1
51 38.0 30.0 45.0



#16
Acetone
Concen: 30.639 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 43 Resp: 17340
Ion Ratio Lower Upper
43 100
58 34.3 23.6 35.4

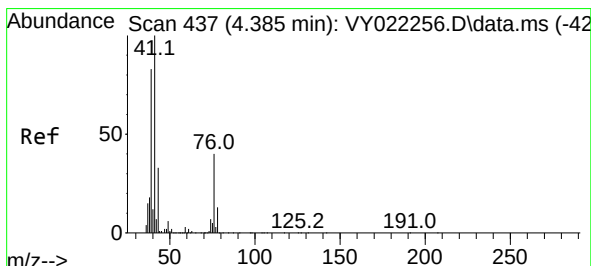
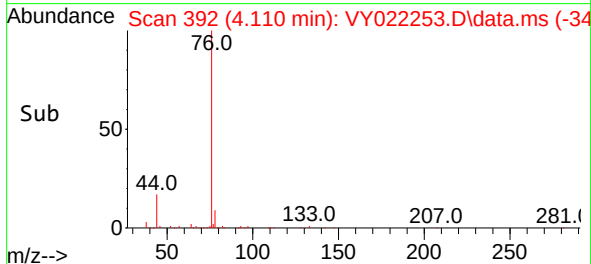
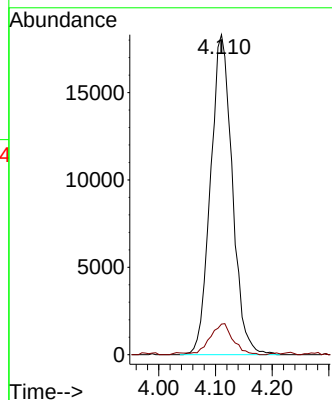
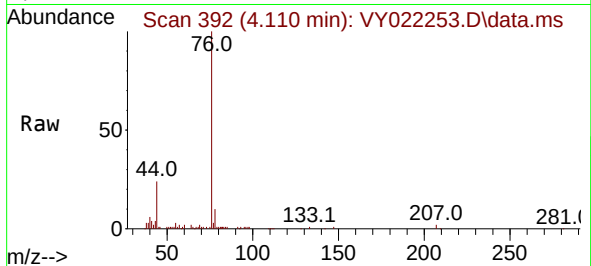




#17
Carbon Disulfide
Concen: 5.068 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

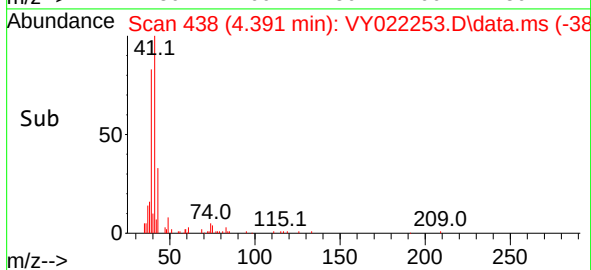
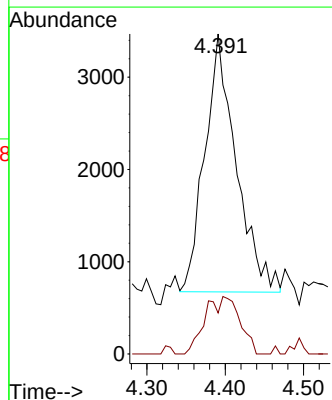
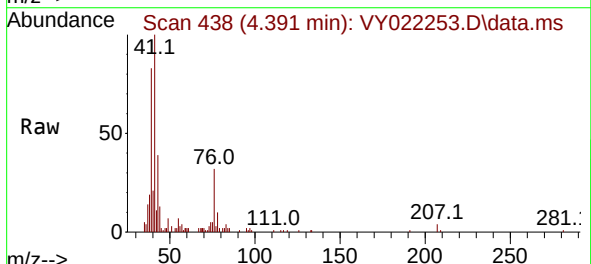
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

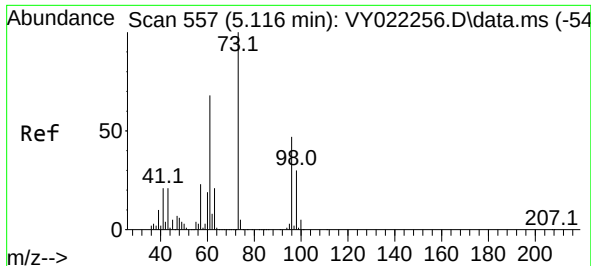
Tgt Ion: 76 Resp: 48817
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 4.511 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 43 Resp: 7769
Ion Ratio Lower Upper
43 100
74 11.0 18.2 27.4#

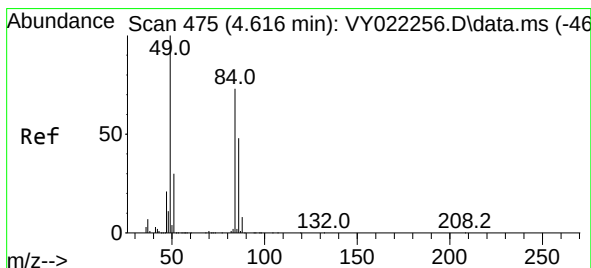
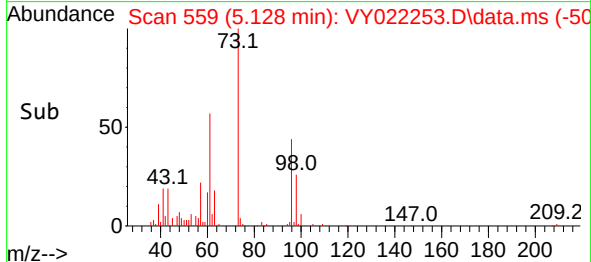
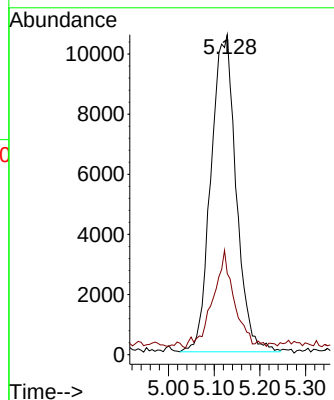
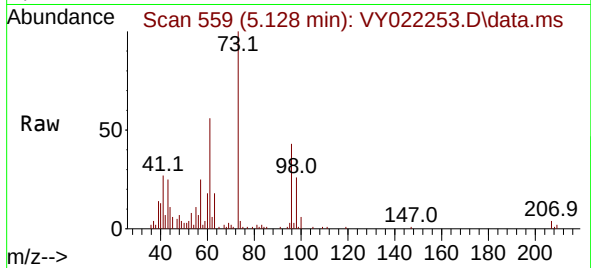




#19
Methyl tert-butyl Ether
Concen: 4.959 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

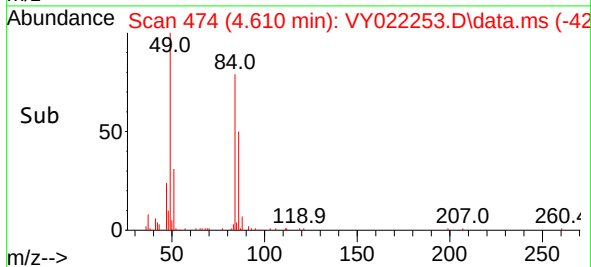
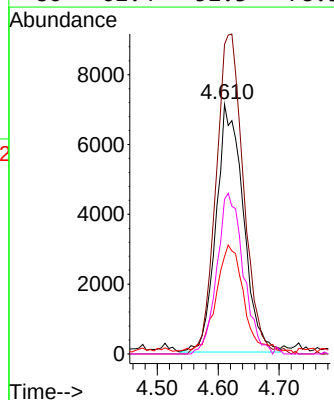
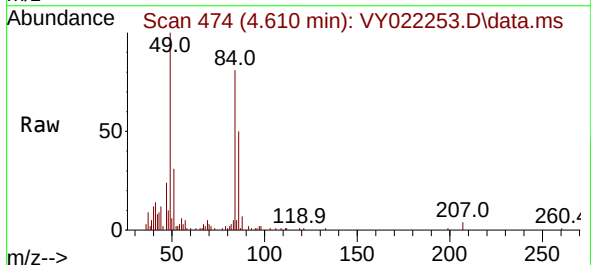
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

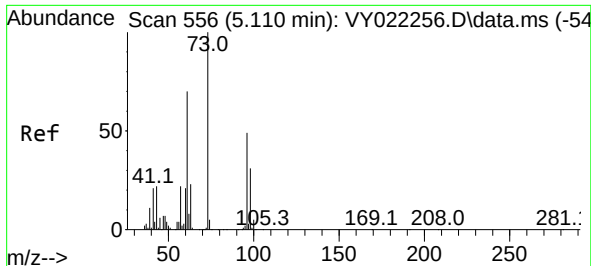
Tgt Ion: 73 Resp: 40392
Ion Ratio Lower Upper
73 100
57 22.0 18.6 28.0



#20
Methylene Chloride
Concen: 6.016 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 84 Resp: 22002
Ion Ratio Lower Upper
84 100
49 125.0 109.6 164.4
51 38.1 32.4 48.6
86 62.4 52.3 78.5

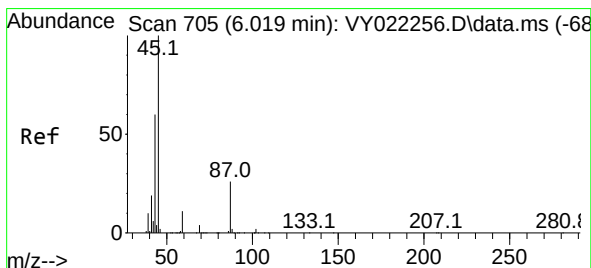
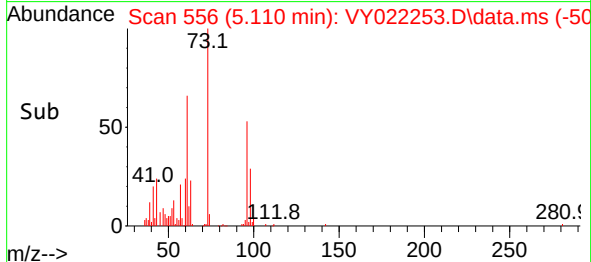
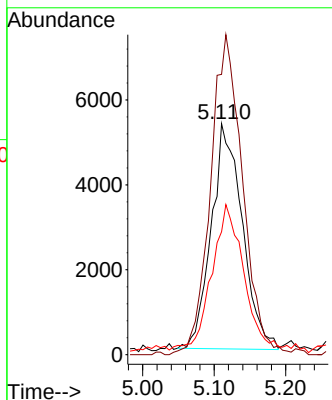
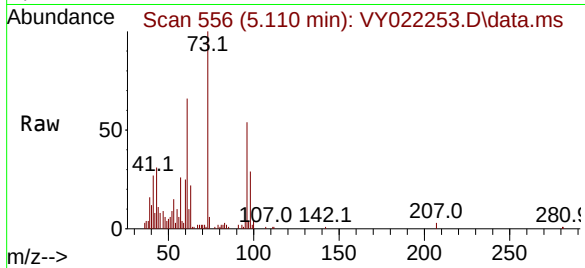




#21
trans-1,2-Dichloroethene
Concen: 4.889 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

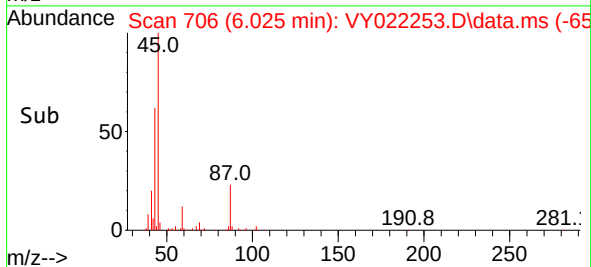
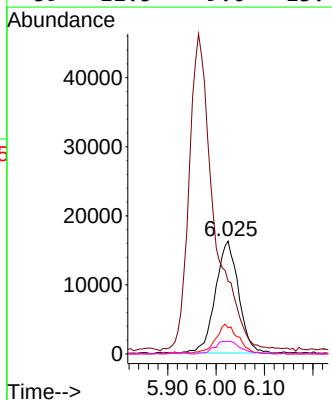
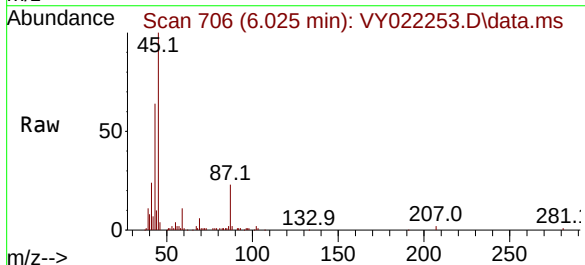
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

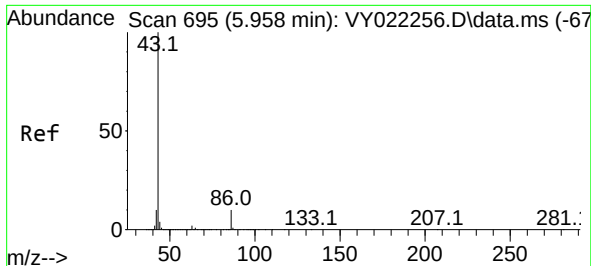
Tgt Ion: 96 Resp: 15943
Ion Ratio Lower Upper
96 100
61 123.1 113.4 170.0
98 51.2 50.9 76.3



#22
Diisopropyl ether
Concen: 4.915 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 45 Resp: 53760
Ion Ratio Lower Upper
45 100
43 59.6 48.2 72.2
87 22.4 21.4 32.0
59 11.5 9.0 13.4

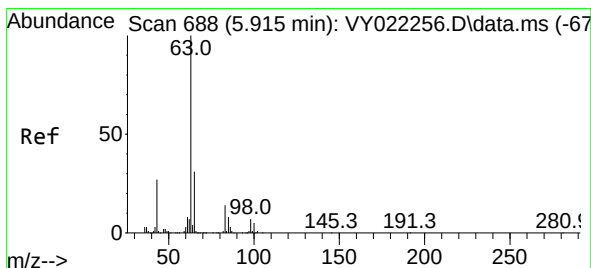
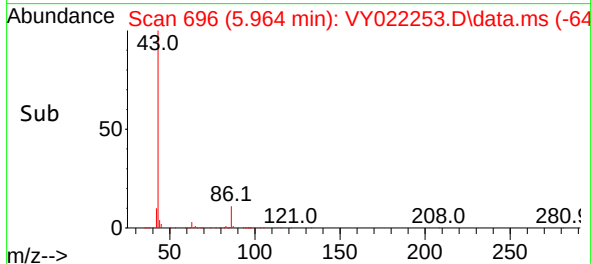
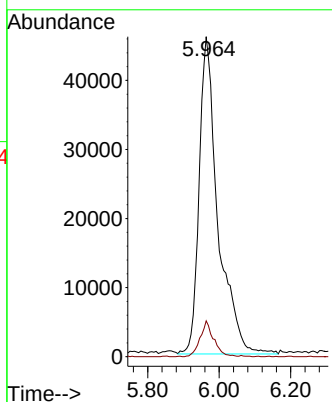
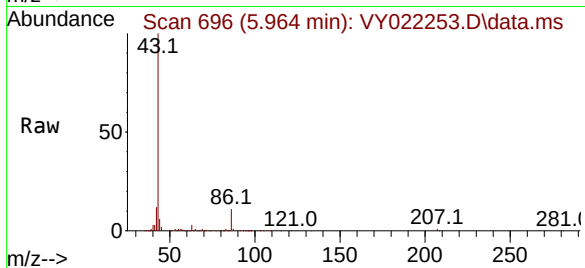




#23
 Vinyl Acetate
 Concen: 25.361 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022253.D
 Acq: 15 May 2025 09:46

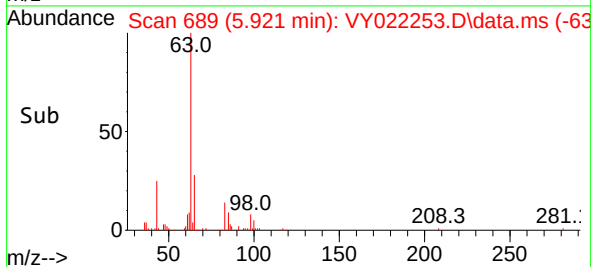
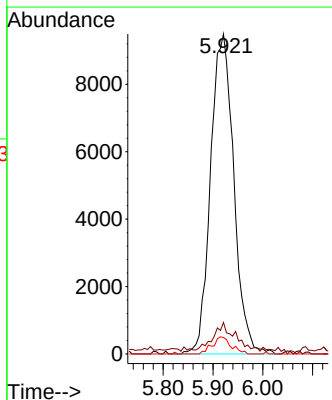
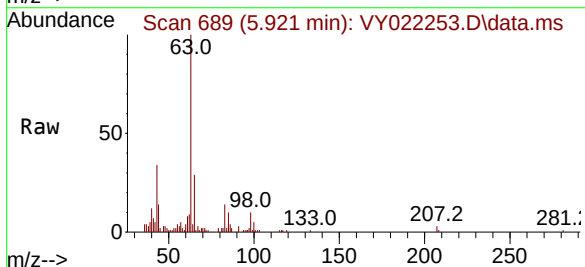
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

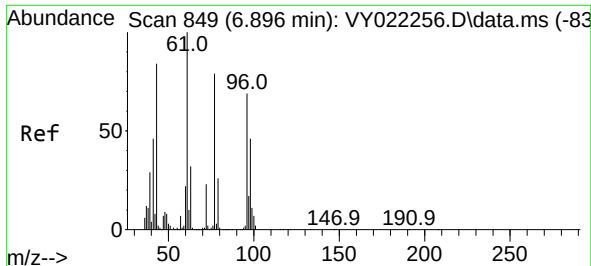
Tgt Ion: 43 Resp: 167594
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 5.026 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022253.D
 Acq: 15 May 2025 09:46

Tgt Ion: 63 Resp: 30712
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.5
 100 5.1 2.4 7.2

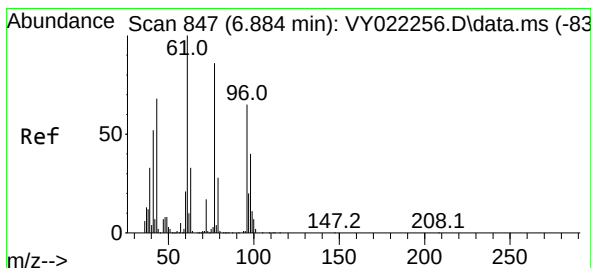
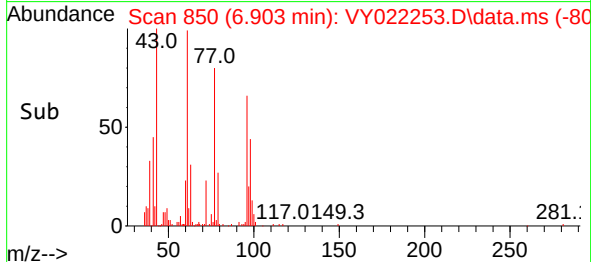
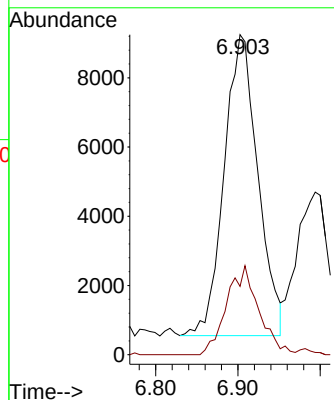
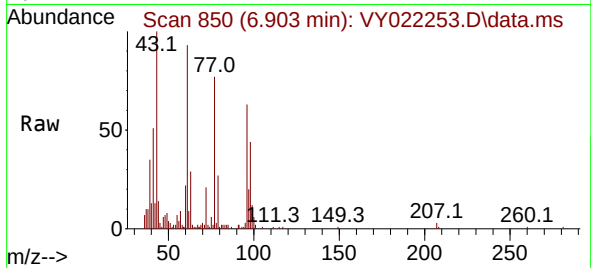




#25
2-Butanone
Concen: 26.203 ug/l
RT: 6.903 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

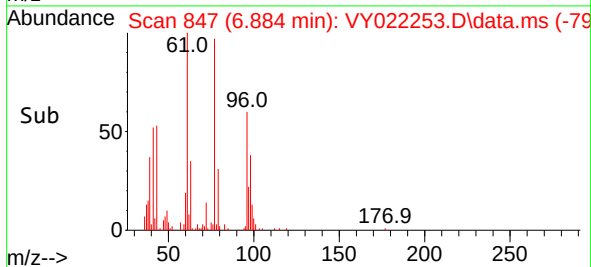
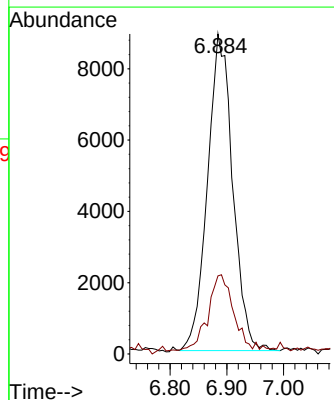
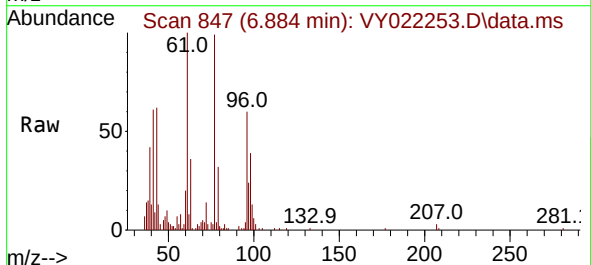
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

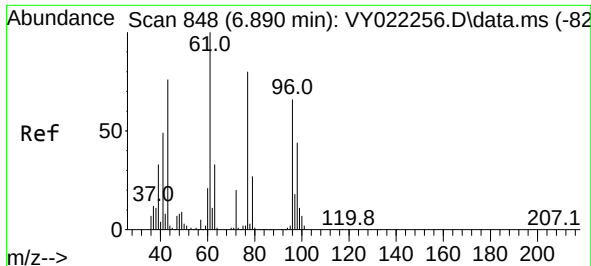
Tgt Ion: 43 Resp: 24805
Ion Ratio Lower Upper
43 100
72 22.7 22.1 33.1



#26
2,2-Dichloropropane
Concen: 5.048 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 77 Resp: 27440
Ion Ratio Lower Upper
77 100
97 23.9 11.2 33.5

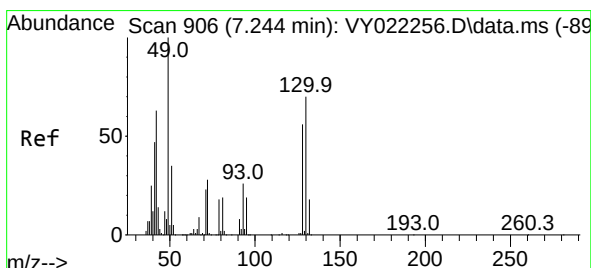
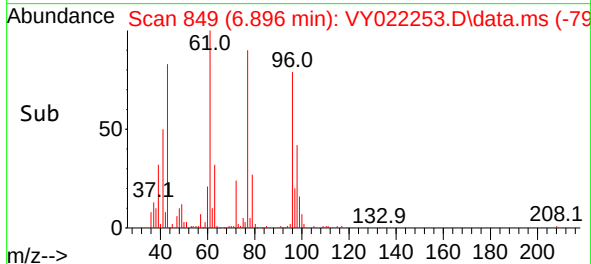
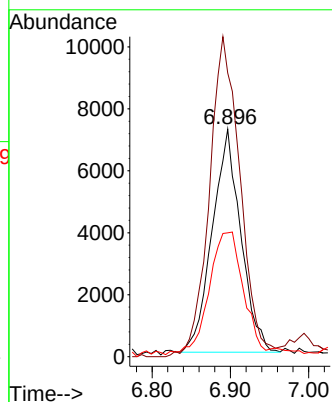
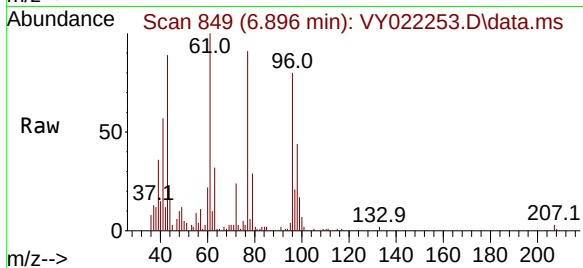




#27
 cis-1,2-Dichloroethene
 Concen: 4.857 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY022253.D
 Acq: 15 May 2025 09:46

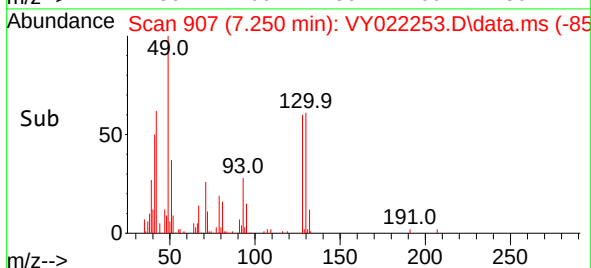
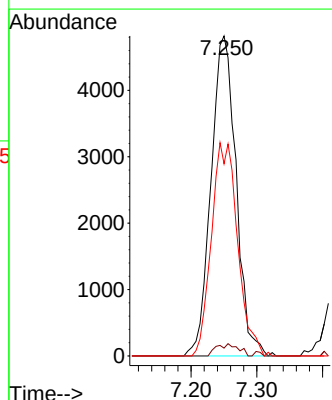
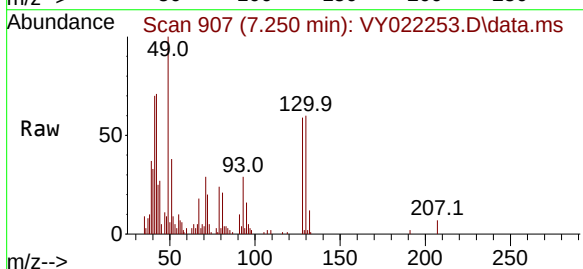
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

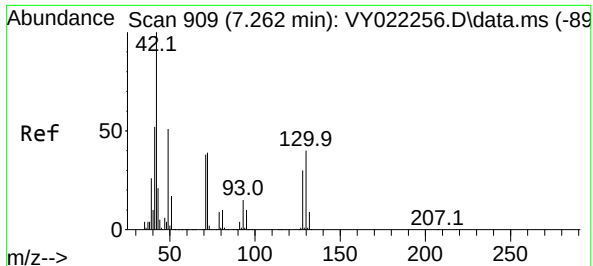
Tgt Ion: 96 Resp: 18276
 Ion Ratio Lower Upper
 96 100
 61 154.3 0.0 302.6
 98 66.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 4.901 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY022253.D
 Acq: 15 May 2025 09:46

Tgt Ion: 49 Resp: 12774
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.6
 130 69.7 54.7 82.1





#29

Tetrahydrofuran

Concen: 23.811 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

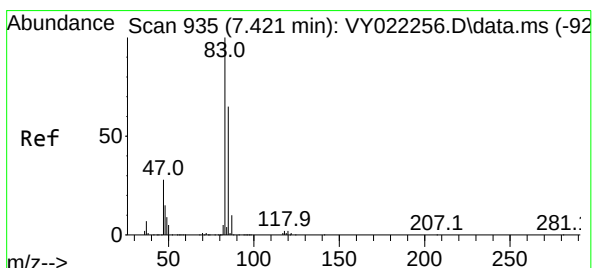
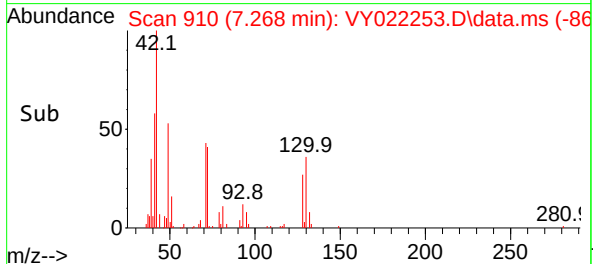
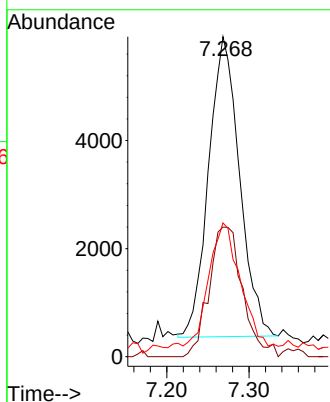
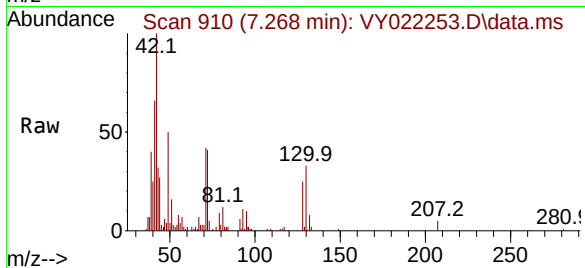
Tgt Ion: 42 Resp: 14502

Ion Ratio Lower Upper

42 100

72 46.7 33.8 50.6

71 43.0 31.5 47.3



#30

Chloroform

Concen: 4.863 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022253.D

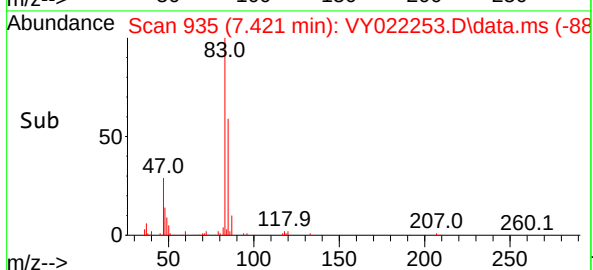
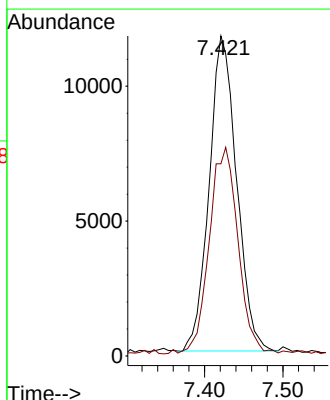
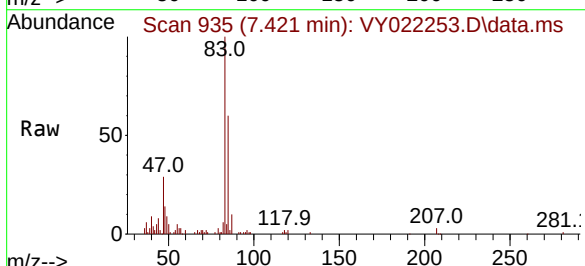
Acq: 15 May 2025 09:46

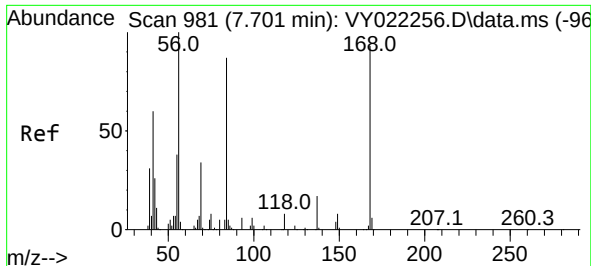
Tgt Ion: 83 Resp: 28505

Ion Ratio Lower Upper

83 100

85 60.1 51.8 77.8

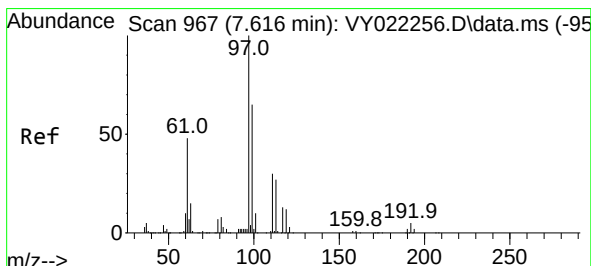
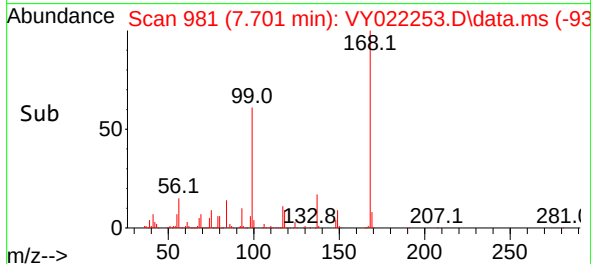
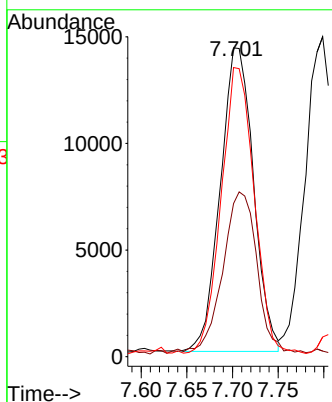
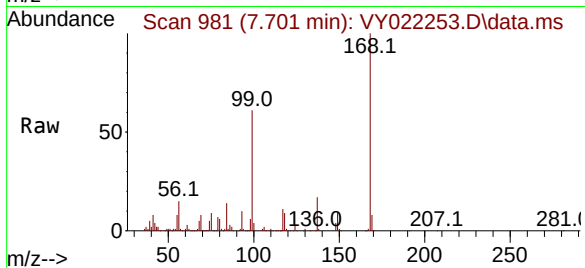




#31
Cyclohexane
Concen: 5.880 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

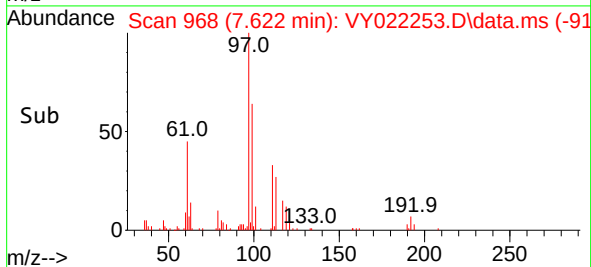
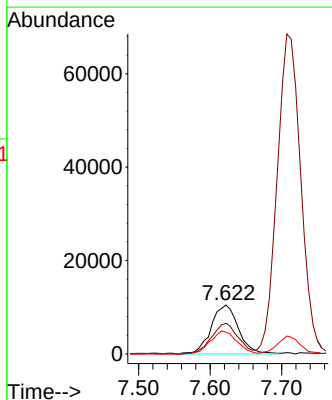
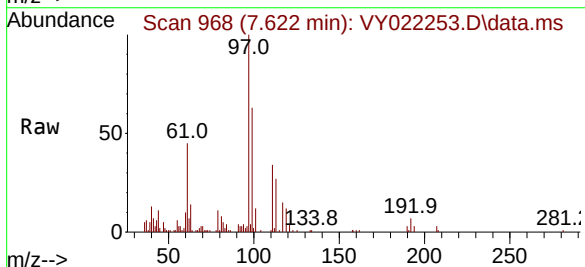
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

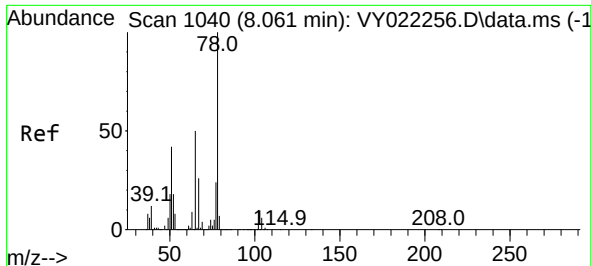
Tgt Ion: 56 Resp: 35904
Ion Ratio Lower Upper
56 100
69 48.0 27.4 41.2#
84 93.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 5.170 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 97 Resp: 27801
Ion Ratio Lower Upper
97 100
99 60.7 51.4 77.0
61 45.4 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 5.009 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

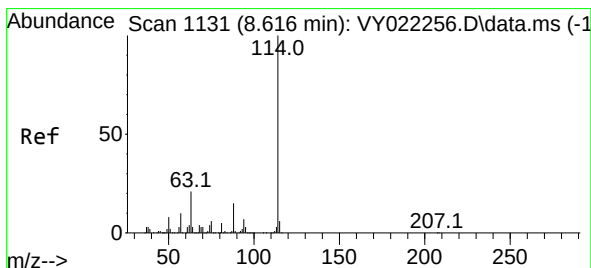
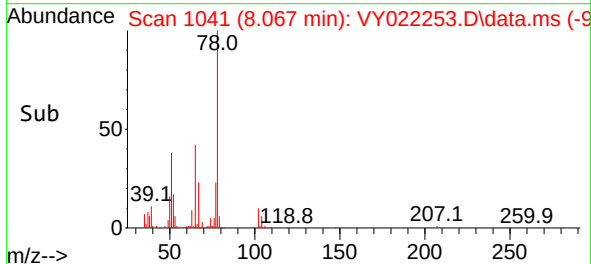
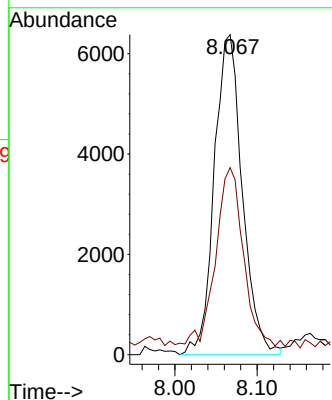
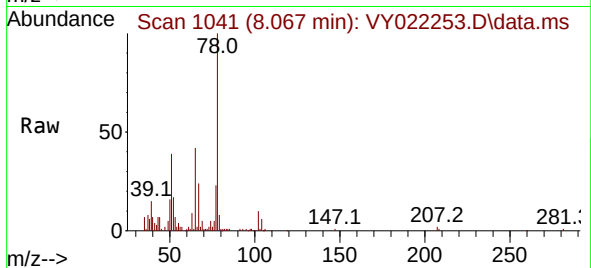
VSTDIC005

Tgt Ion: 65 Resp: 15118

Ion Ratio Lower Upper

65 100

67 54.6 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: VY022253.D

Acq: 15 May 2025 09:46

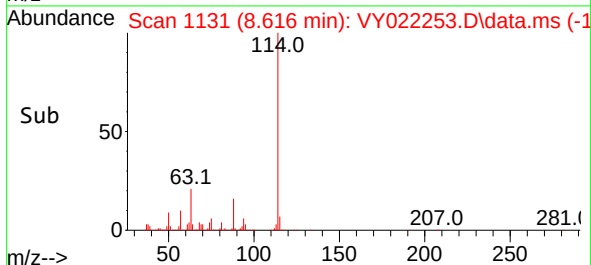
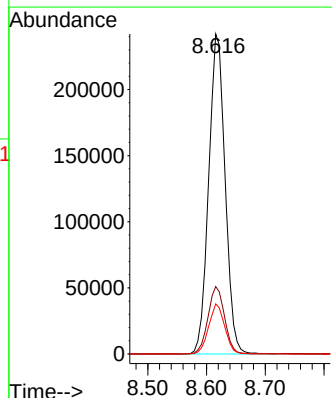
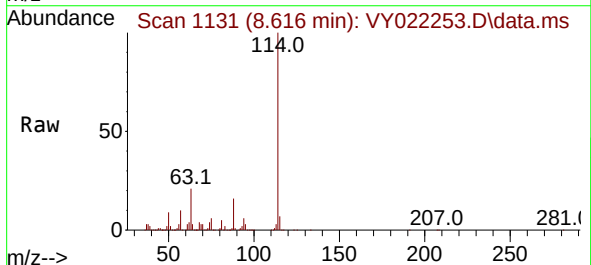
Tgt Ion: 114 Resp: 470488

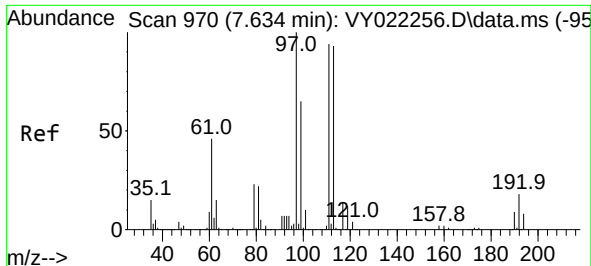
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.0

88 15.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 4.933 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

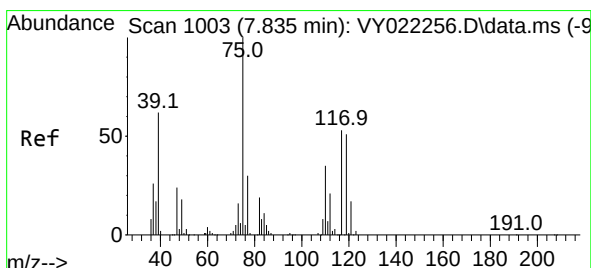
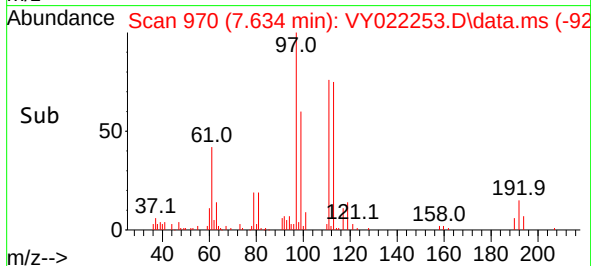
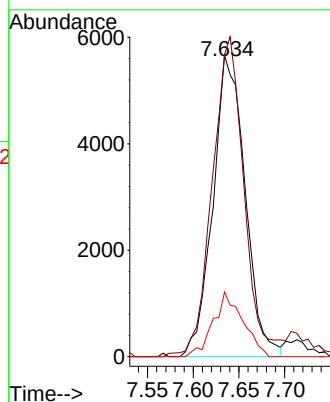
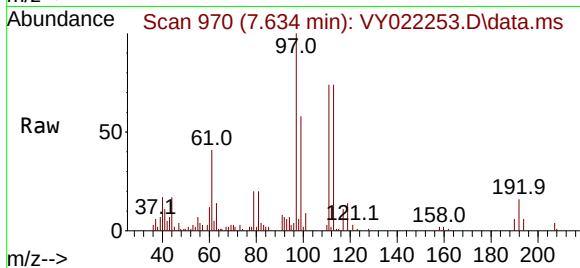
Tgt Ion:113 Resp: 13854

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 19.7 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.824 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

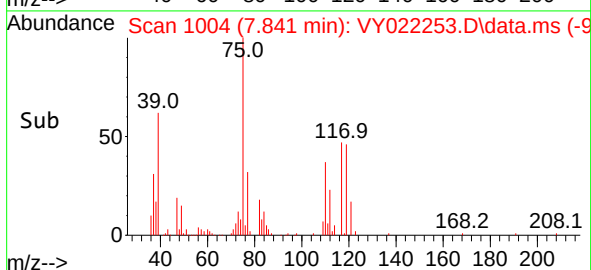
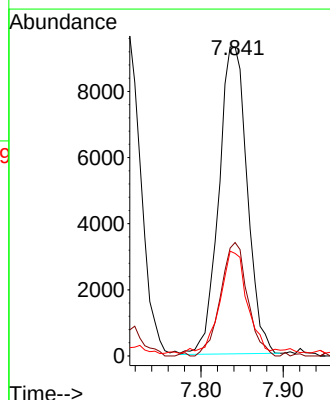
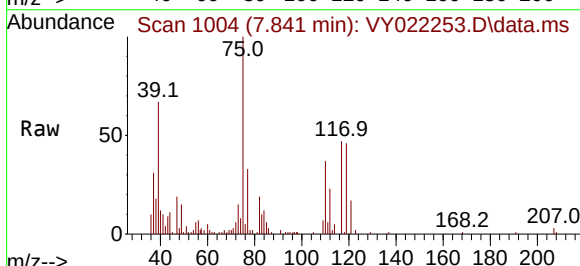
Tgt Ion: 75 Resp: 22314

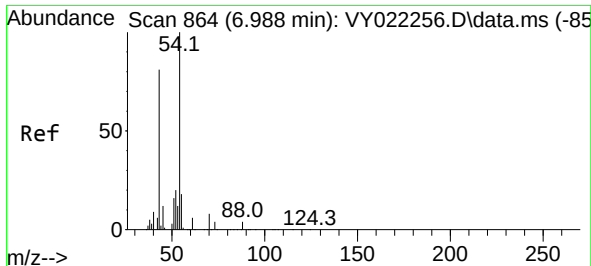
Ion Ratio Lower Upper

75 100

110 35.1 16.6 49.8

77 32.4 24.6 37.0





#37

Ethyl Acetate

Concen: 5.352 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

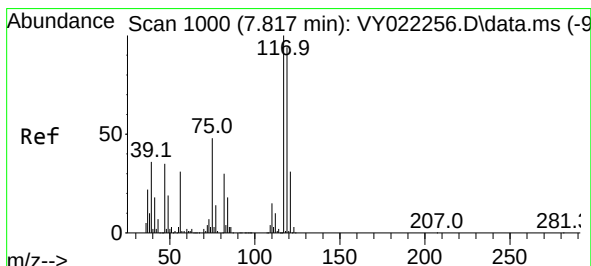
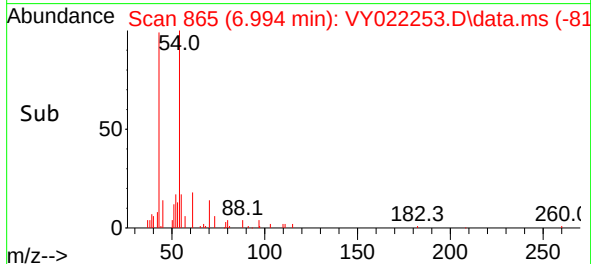
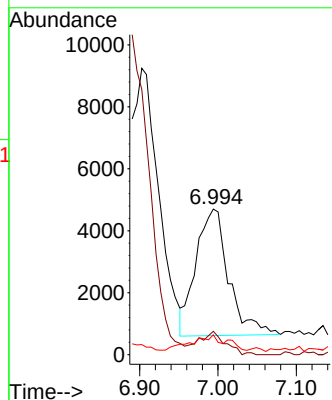
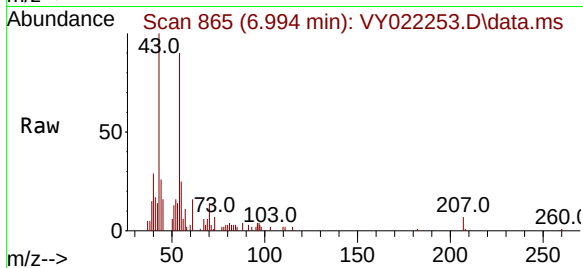
Tgt Ion: 43 Resp: 11910

Ion Ratio Lower Upper

43 100

61 15.1 10.2 15.2

70 9.6 7.6 11.4



#38

Carbon Tetrachloride

Concen: 4.768 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

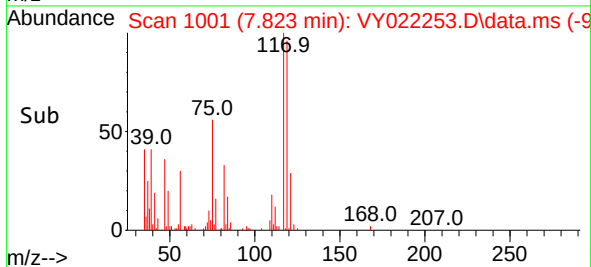
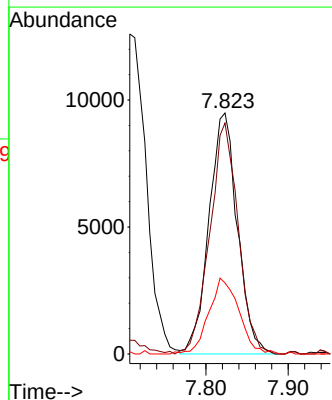
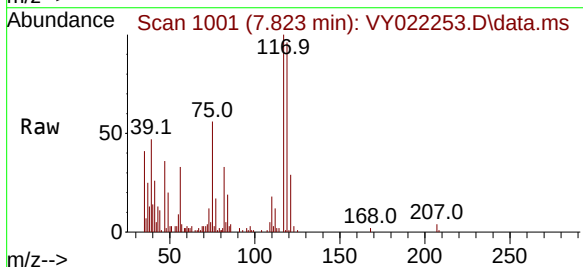
Tgt Ion: 117 Resp: 22826

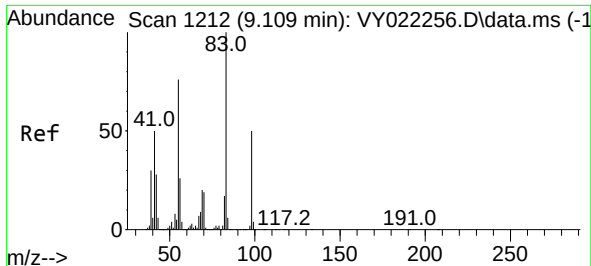
Ion Ratio Lower Upper

117 100

119 95.8 75.3 112.9

121 29.5 24.7 37.1





#39

Methylcyclohexane

Concen: 5.024 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

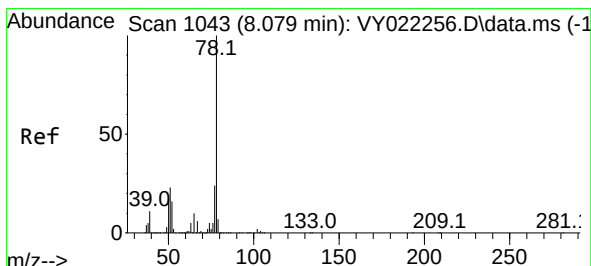
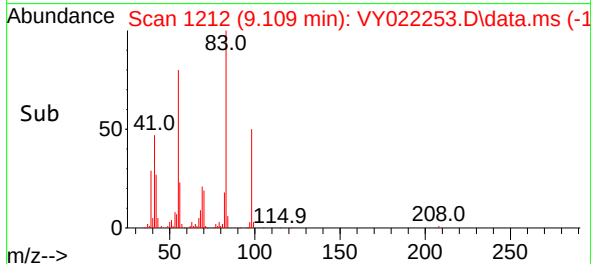
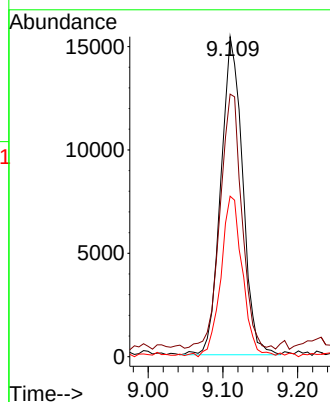
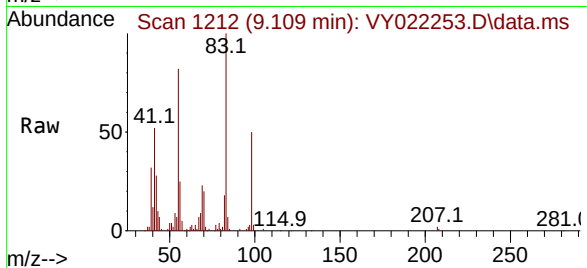
Tgt Ion: 83 Resp: 31218

Ion Ratio Lower Upper

83 100

55 78.9 60.6 90.8

98 49.6 40.0 60.0



#40

Benzene

Concen: 4.699 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY022253.D

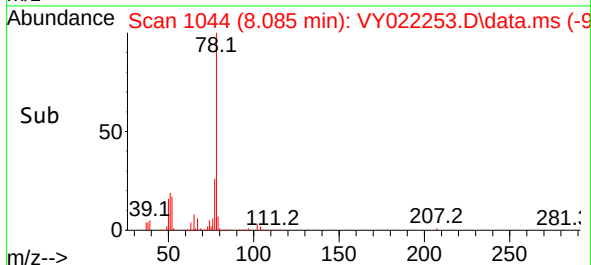
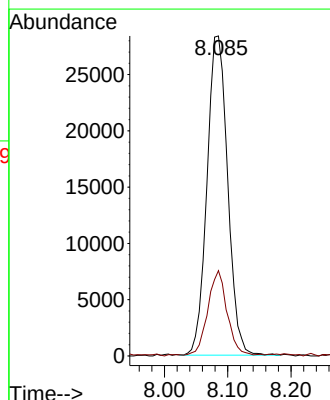
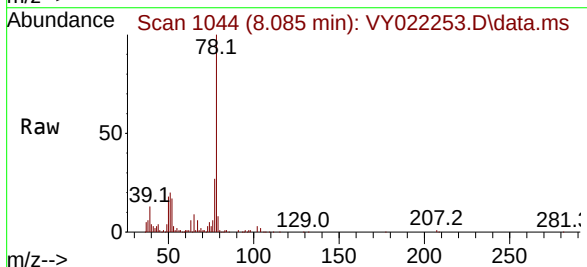
Acq: 15 May 2025 09:46

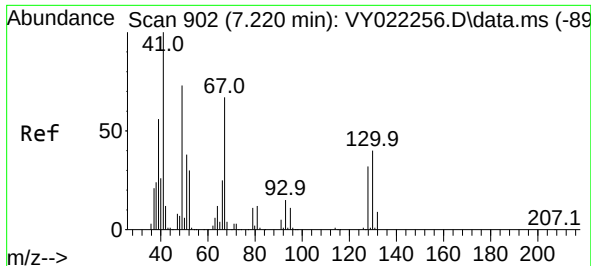
Tgt Ion: 78 Resp: 64430

Ion Ratio Lower Upper

78 100

77 26.4 18.9 28.3

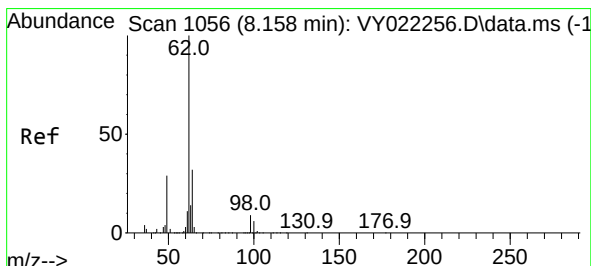
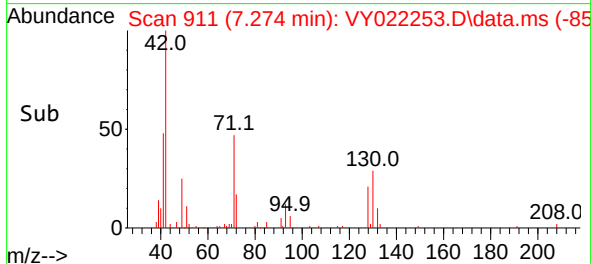
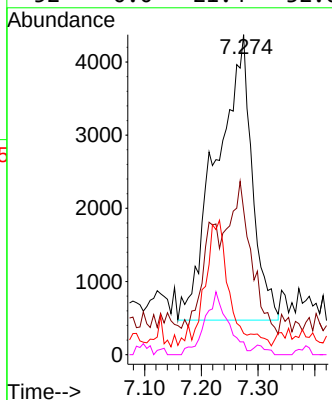
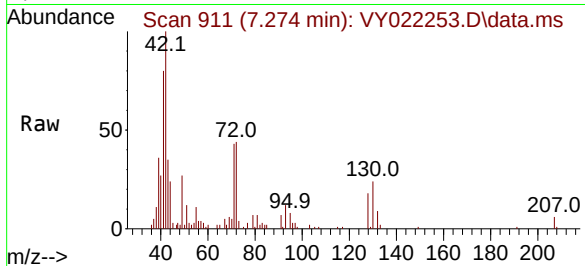




#41
Methacrylonitrile
Concen: 10.436 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.055 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

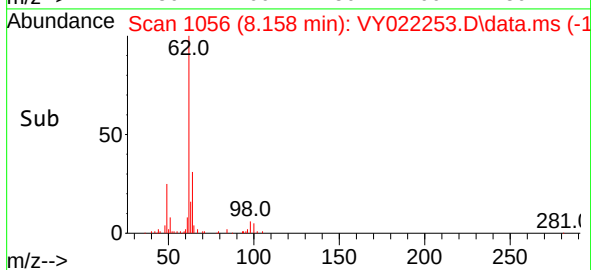
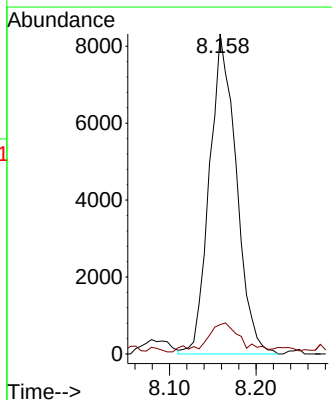
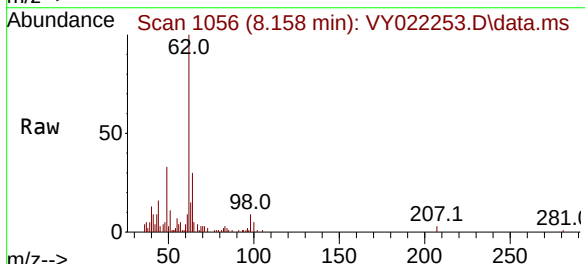
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

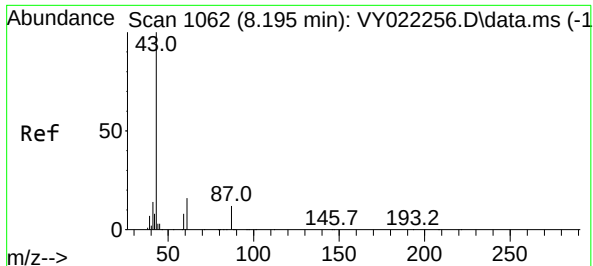
Tgt Ion: 41 Resp: 16995
Ion Ratio Lower Upper
41 100
39 26.8 39.1 58.7#
67 0.0 47.1 70.7#
52 0.0 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 4.837 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 62 Resp: 17934
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.4





#43

Isopropyl Acetate

Concen: 4.941 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

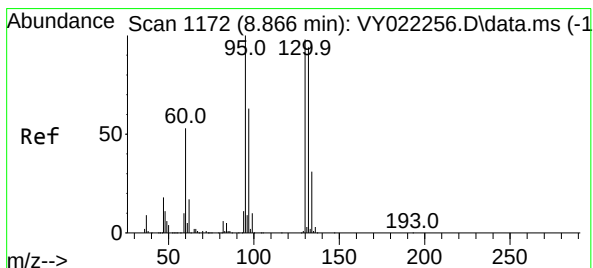
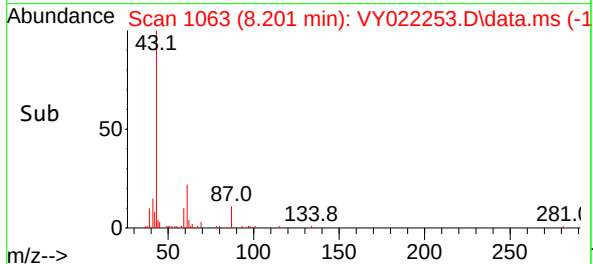
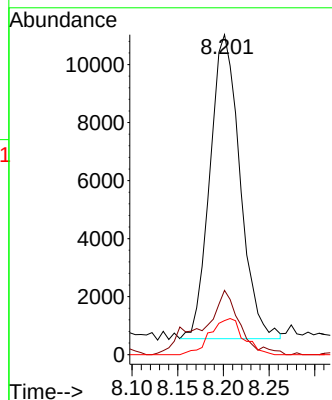
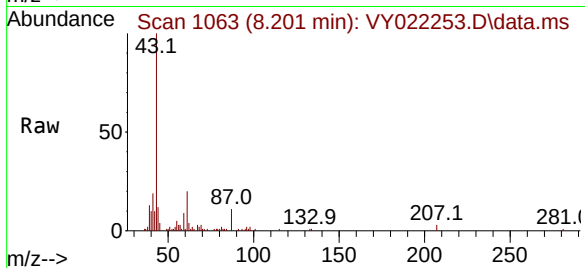
Tgt Ion: 43 Resp: 23979

Ion Ratio Lower Upper

43 100

61 18.7 15.1 22.7

87 13.2 9.7 14.5



#44

Trichloroethene

Concen: 4.943 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY022253.D

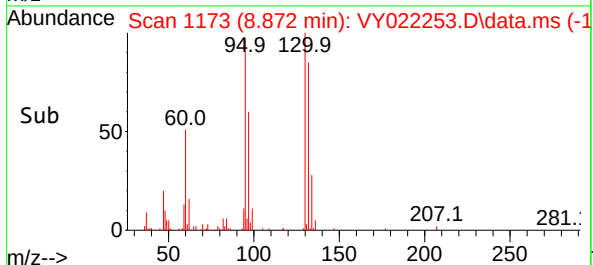
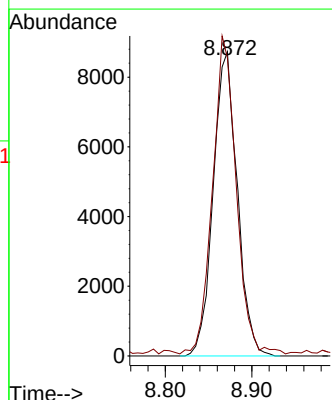
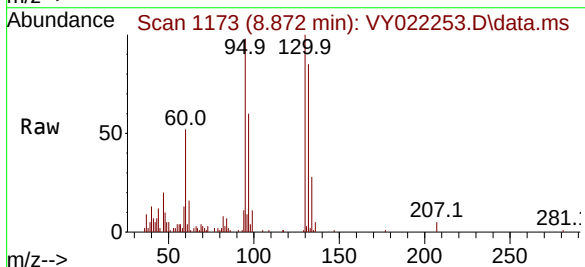
Acq: 15 May 2025 09:46

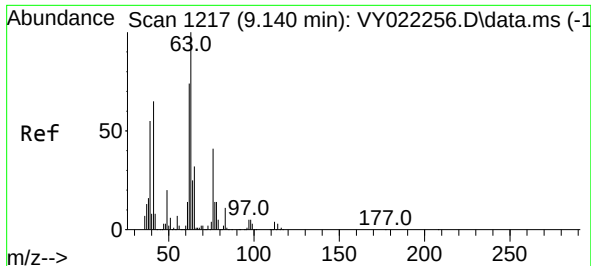
Tgt Ion:130 Resp: 16852

Ion Ratio Lower Upper

130 100

95 97.3 0.0 204.8





#45

1,2-Dichloropropane

Concen: 4.796 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

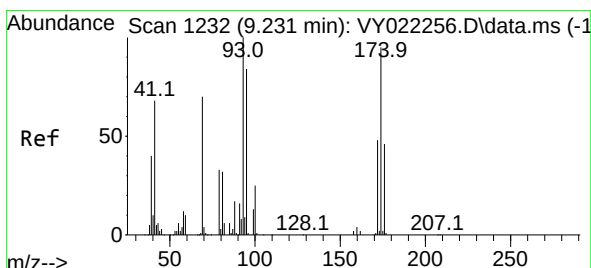
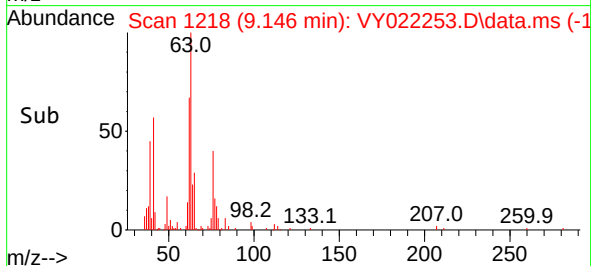
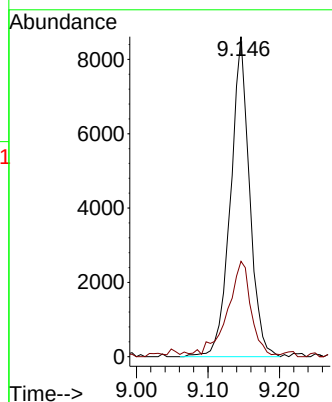
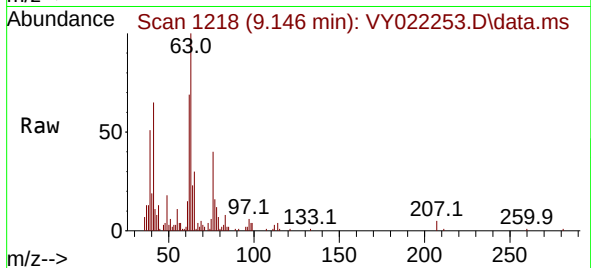
VSTDICC005

Tgt Ion: 63 Resp: 15855

Ion Ratio Lower Upper

63 100

65 29.1 25.7 38.5



#46

Dibromomethane

Concen: 4.980 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

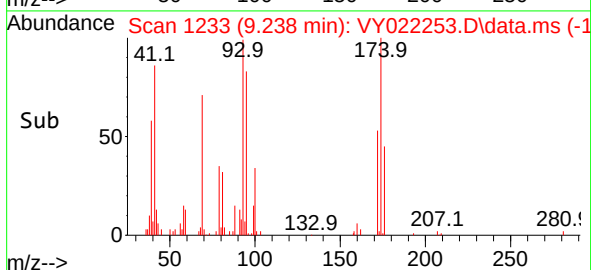
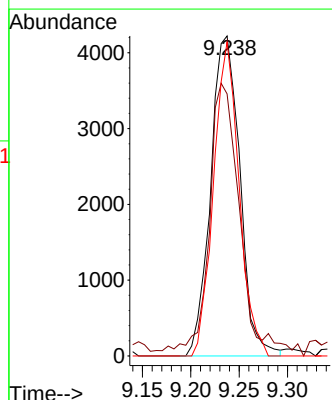
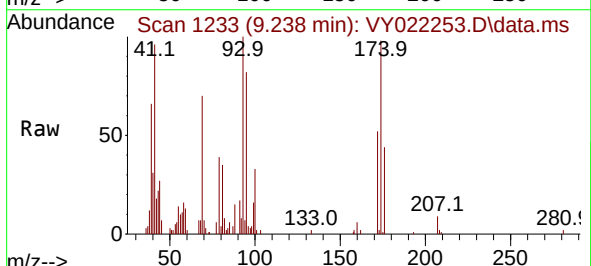
Tgt Ion: 93 Resp: 8879

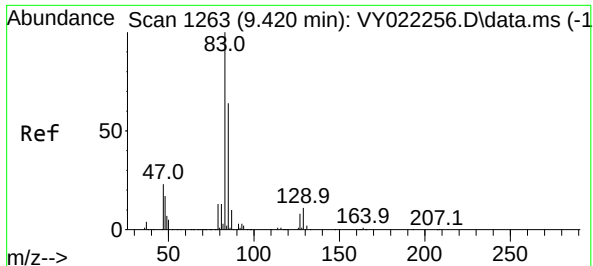
Ion Ratio Lower Upper

93 100

95 89.8 65.2 97.8

174 85.7 74.3 111.5





#47

Bromodichloromethane

Concen: 4.736 ug/l

RT: 9.427 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

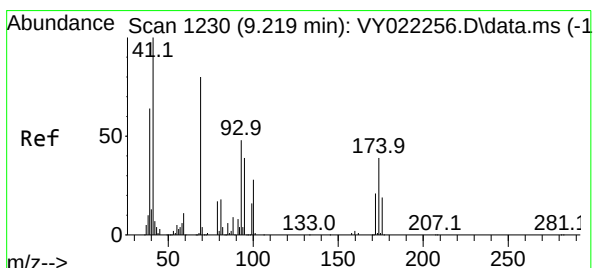
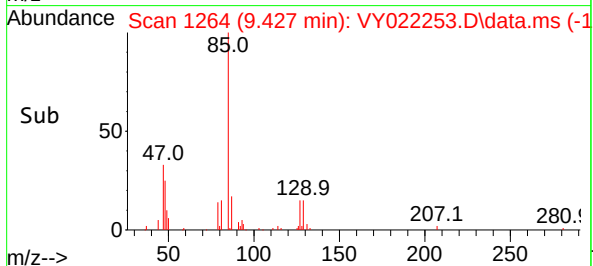
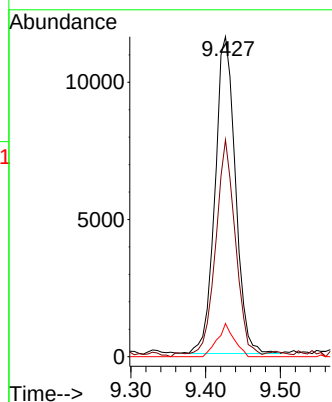
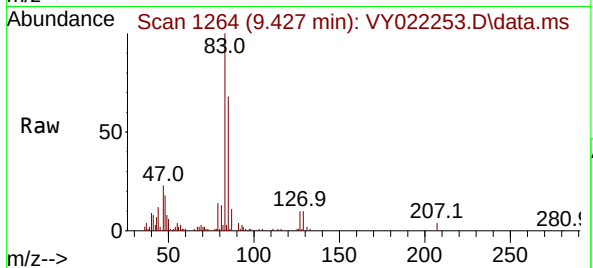
Tgt Ion: 83 Resp: 21906

Ion Ratio Lower Upper

83 100

85 67.3 51.1 76.7

127 10.4 6.6 10.0#



#48

Methyl methacrylate

Concen: 4.727 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

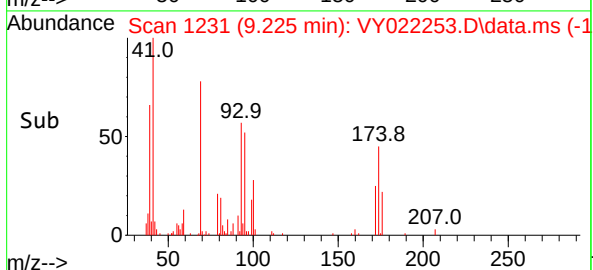
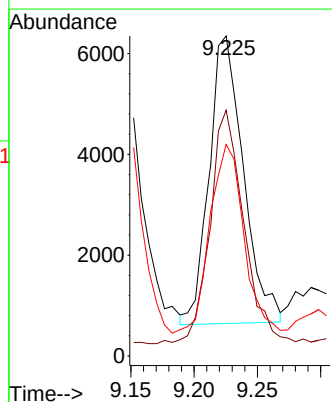
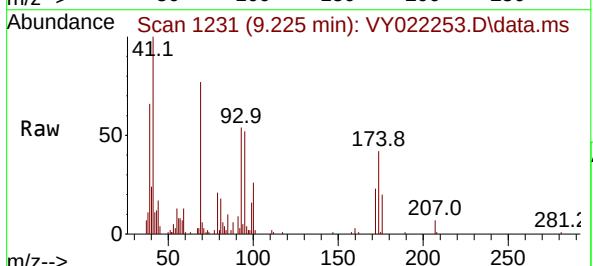
Tgt Ion: 41 Resp: 10729

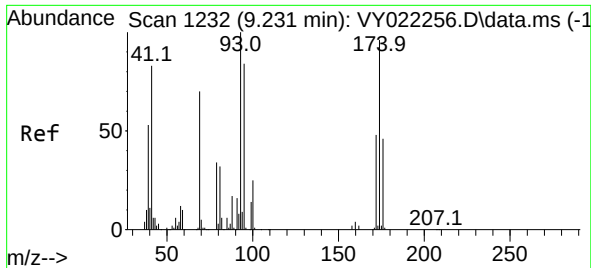
Ion Ratio Lower Upper

41 100

69 80.7 63.5 95.3

39 66.0 50.8 76.2

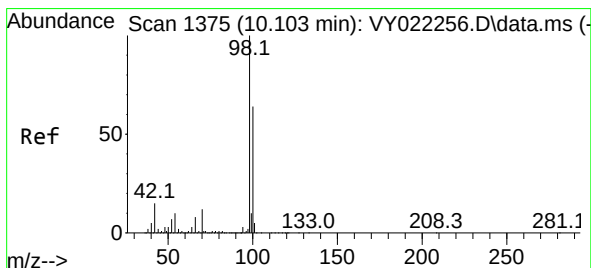
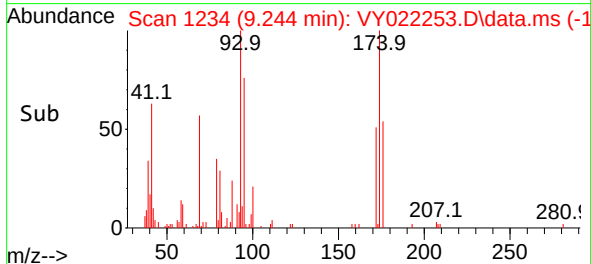
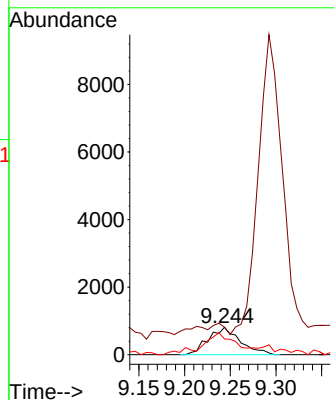
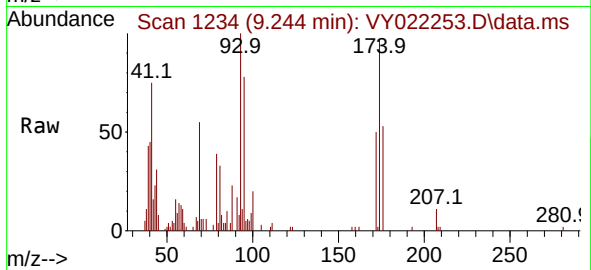




#49
1,4-Dioxane
Concen: 97.404 ug/l
RT: 9.244 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

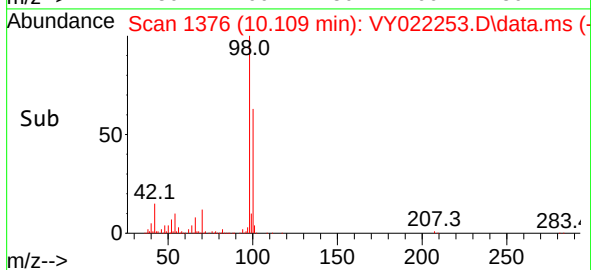
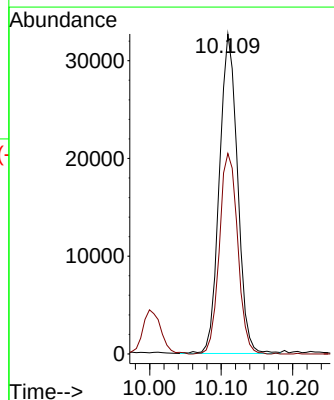
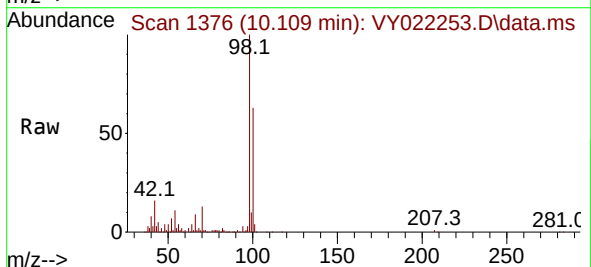
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

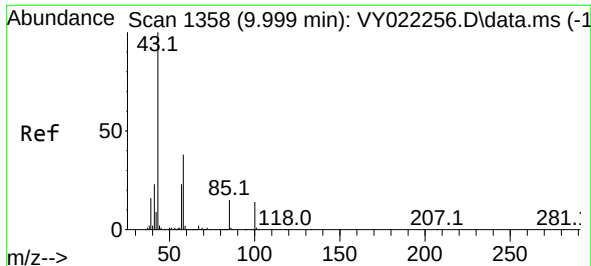
Tgt Ion: 88 Resp: 1962
Ion Ratio Lower Upper
88 100
43 0.0 28.5 42.7#
58 79.8 61.4 92.2



#50
Toluene-d8
Concen: 5.006 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 98 Resp: 57575
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.8

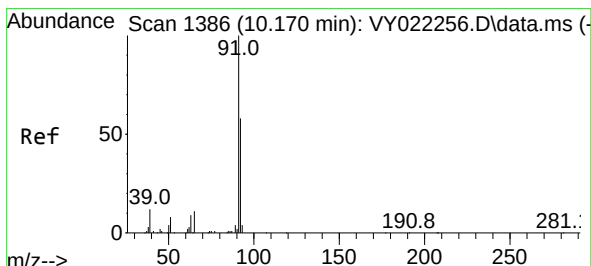
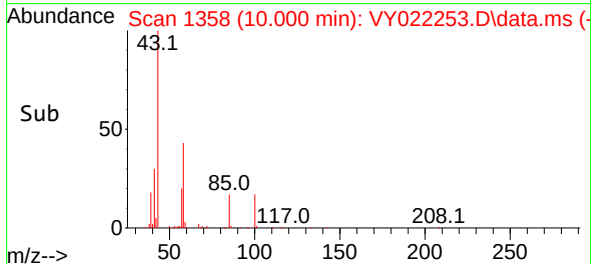
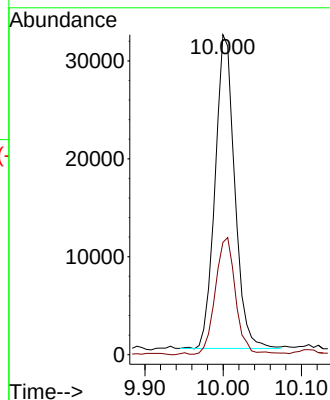
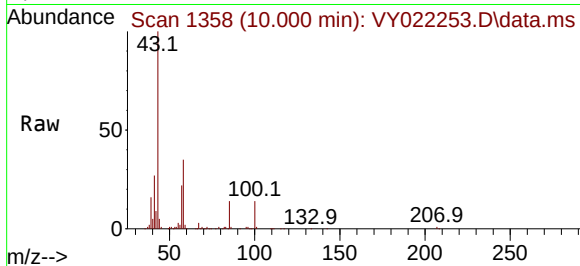




#51
4-Methyl-2-Pentanone
Concen: 23.464 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

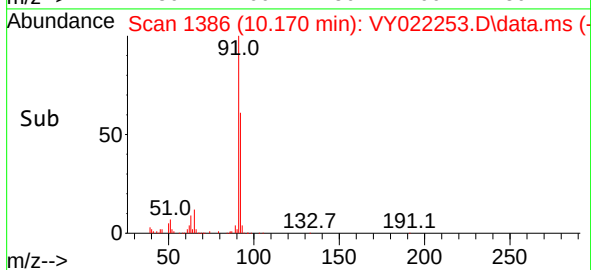
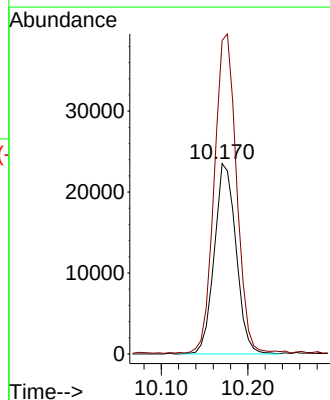
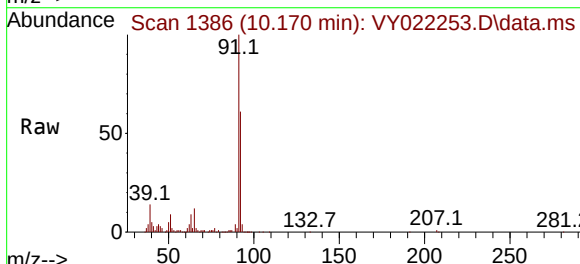
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

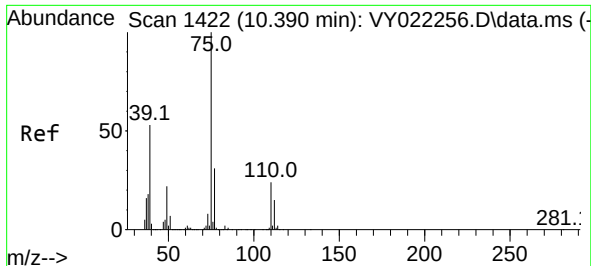
Tgt Ion: 43 Resp: 55880
Ion Ratio Lower Upper
43 100
58 38.3 29.4 44.2



#52
Toluene
Concen: 4.722 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 92 Resp: 41001
Ion Ratio Lower Upper
92 100
91 171.8 139.1 208.7

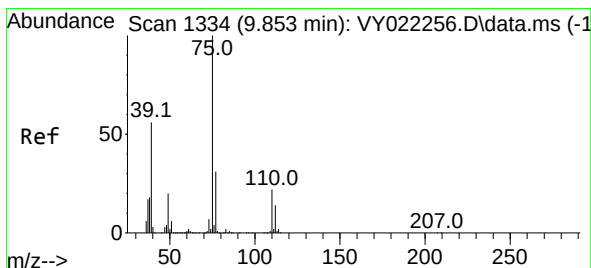
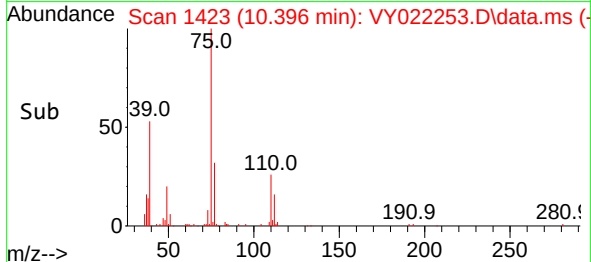
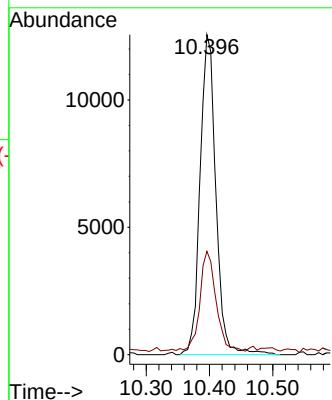
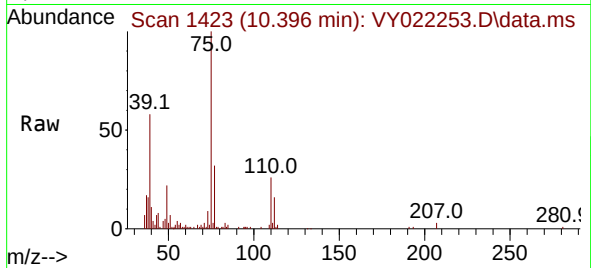




#53
t-1,3-Dichloropropene
Concen: 4.839 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

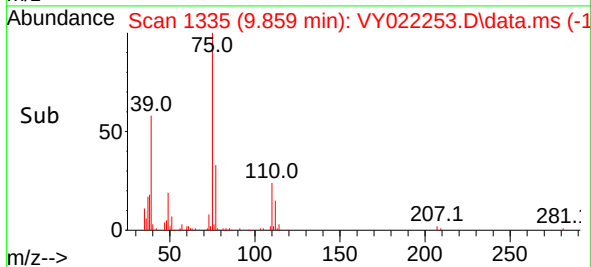
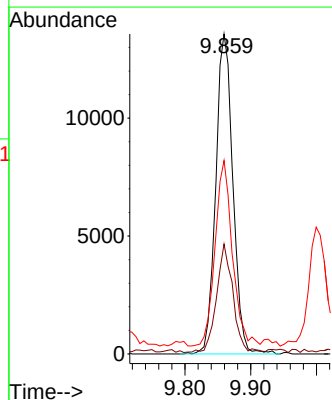
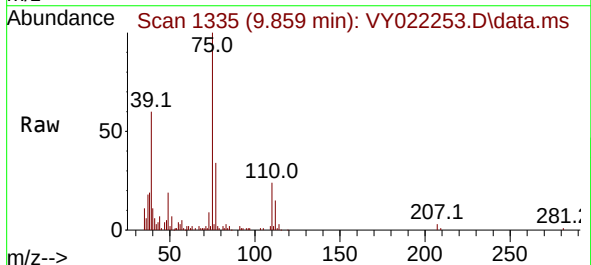
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

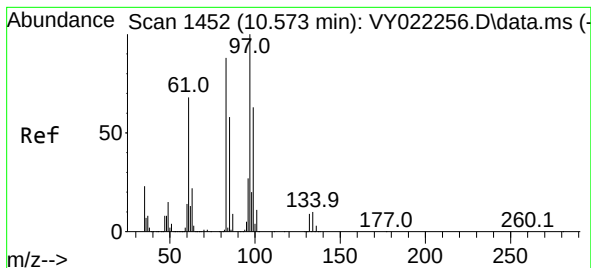
Tgt Ion: 75 Resp: 21842
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 4.758 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 75 Resp: 24609
Ion Ratio Lower Upper
75 100
77 33.3 25.1 37.7
39 58.0 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 4.964 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 97 Resp: 11333

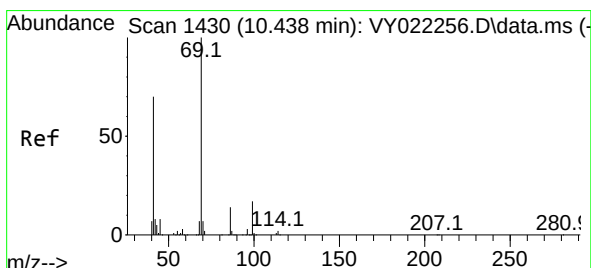
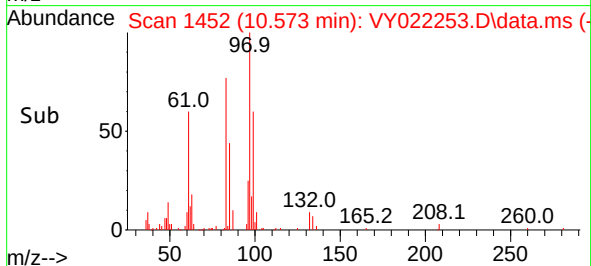
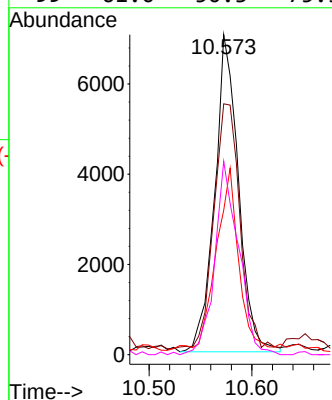
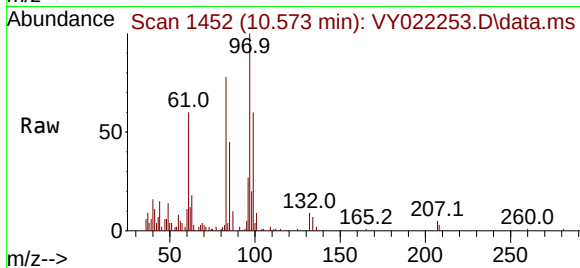
Ion Ratio Lower Upper

97 100

83 77.0 70.3 105.5

85 42.7 46.2 69.4#

99 61.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 4.898 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

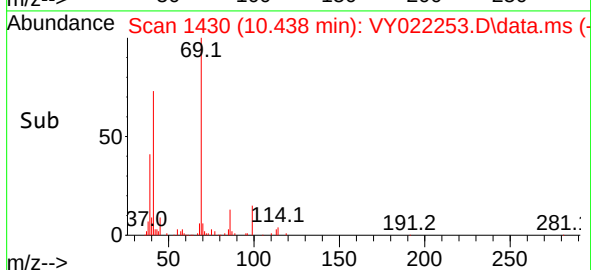
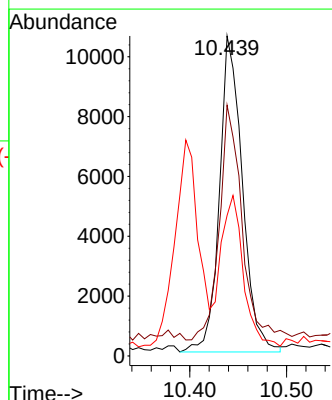
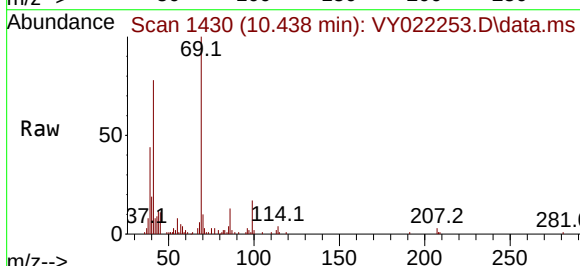
Tgt Ion: 69 Resp: 17420

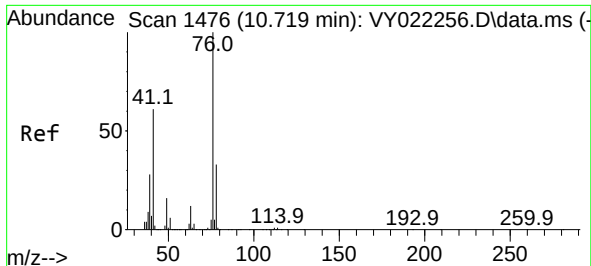
Ion Ratio Lower Upper

69 100

41 73.2 56.5 84.7

39 46.8 37.1 55.7

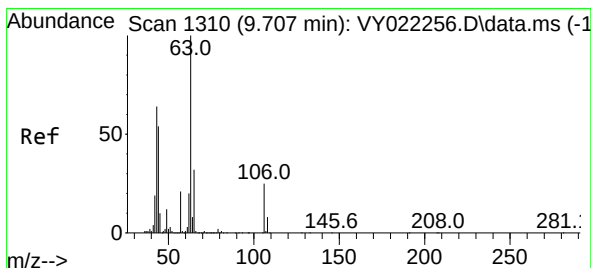
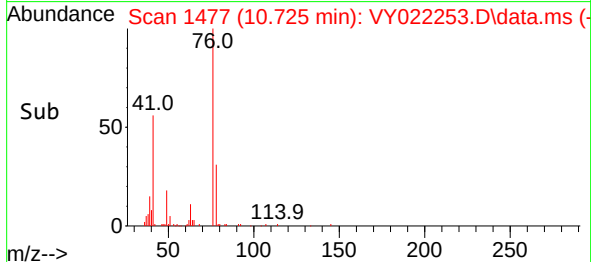
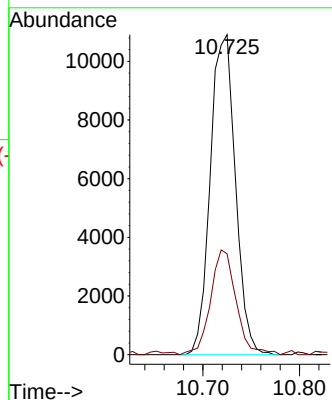
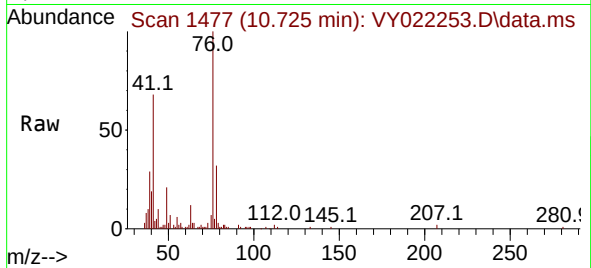




#57
1,3-Dichloropropane
Concen: 4.852 ug/l
RT: 10.725 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

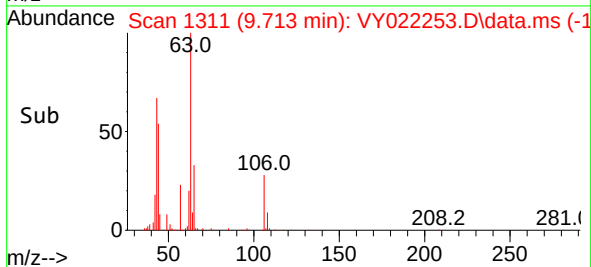
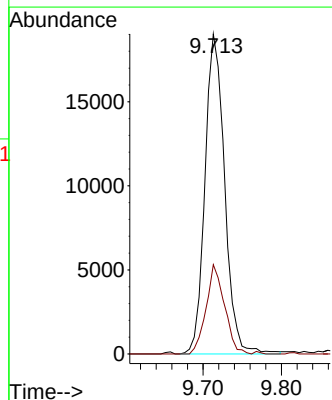
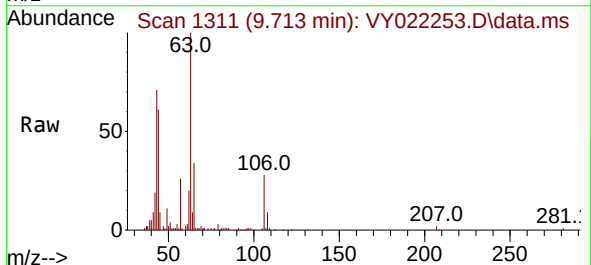
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

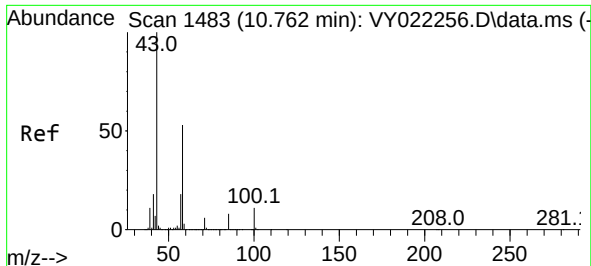
Tgt Ion: 76 Resp: 19684
Ion Ratio Lower Upper
76 100
78 33.2 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 20.807 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 63 Resp: 33215
Ion Ratio Lower Upper
63 100
106 26.0 21.0 31.4

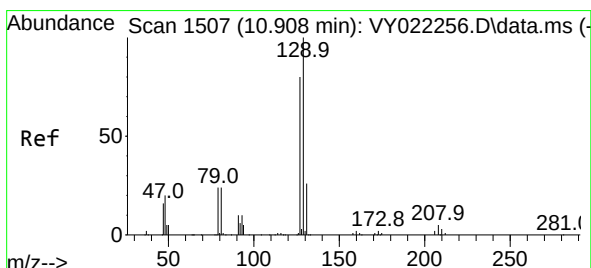
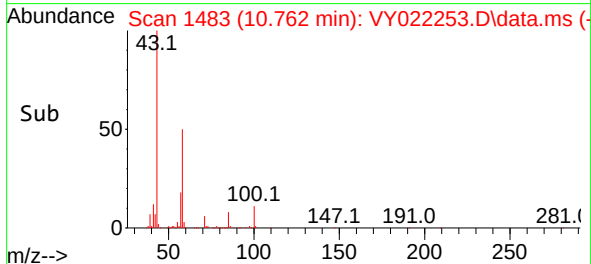
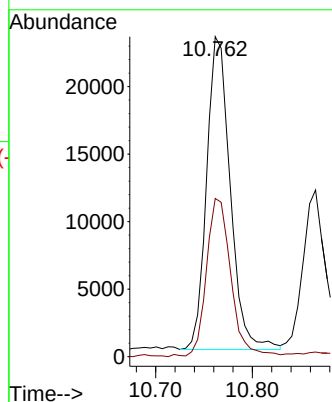
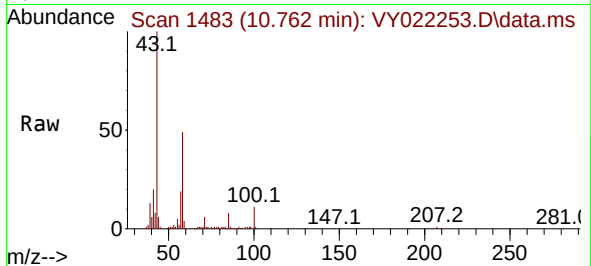




#59
2-Hexanone
Concen: 24.617 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

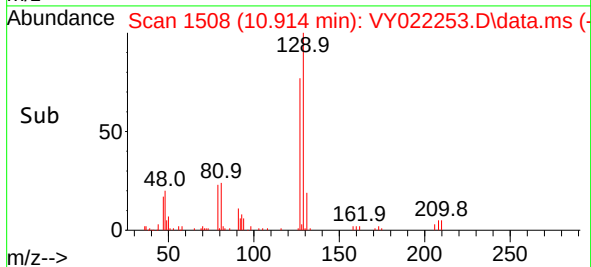
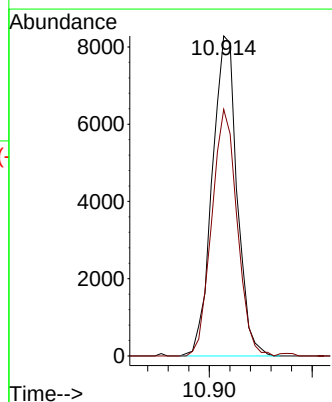
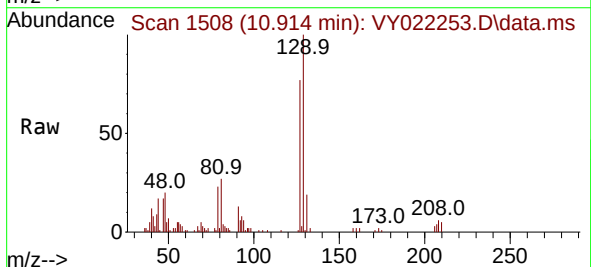
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

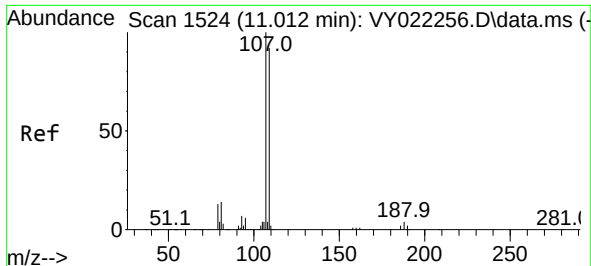
Tgt Ion: 43 Resp: 39307
Ion Ratio Lower Upper
43 100
58 52.4 26.1 78.3



#60
Dibromochloromethane
Concen: 4.693 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 129 Resp: 13908
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.7

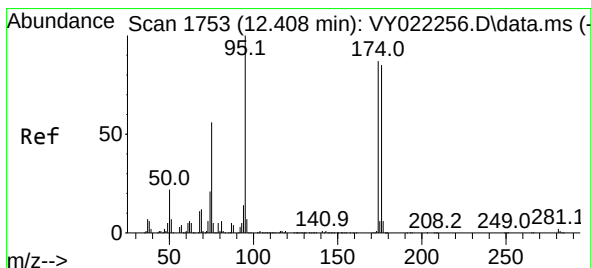
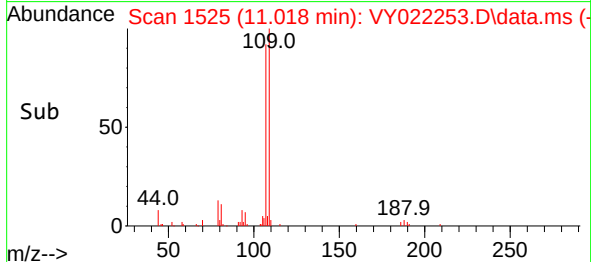
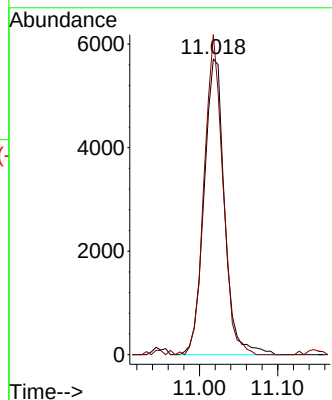
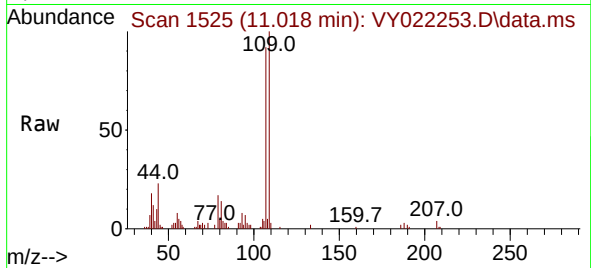




#61
1,2-Dibromoethane
Concen: 4.883 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

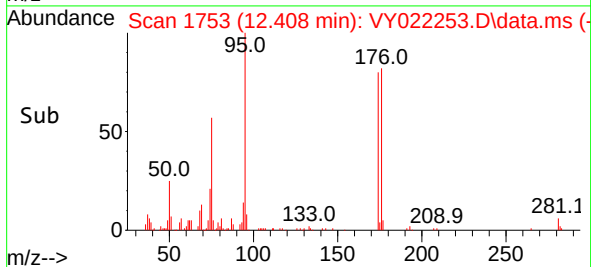
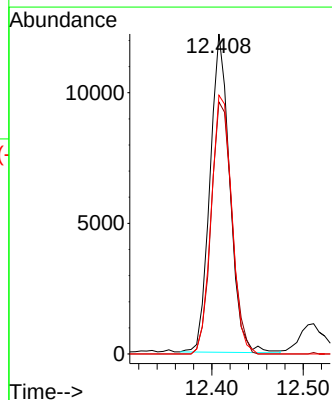
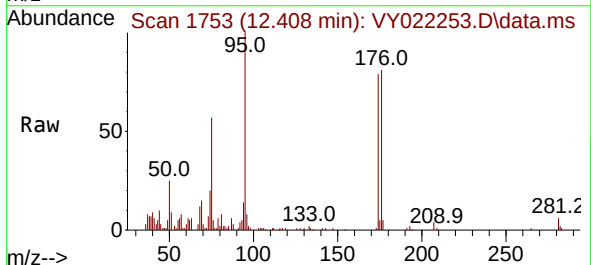
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

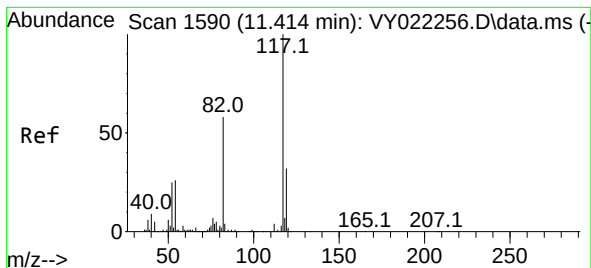
Tgt Ion:107 Resp: 10391
Ion Ratio Lower Upper
107 100
109 98.9 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 5.028 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 95 Resp: 18328
Ion Ratio Lower Upper
95 100
174 83.0 0.0 166.8
176 84.3 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

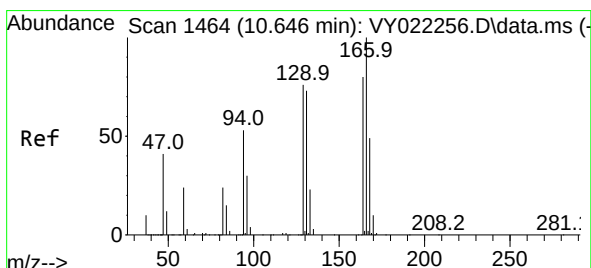
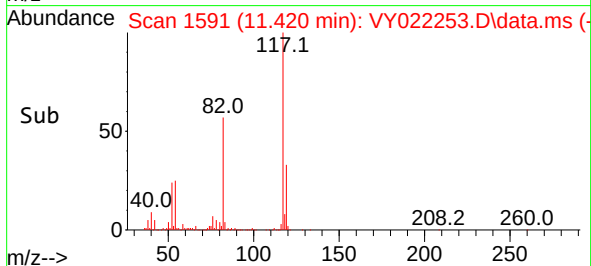
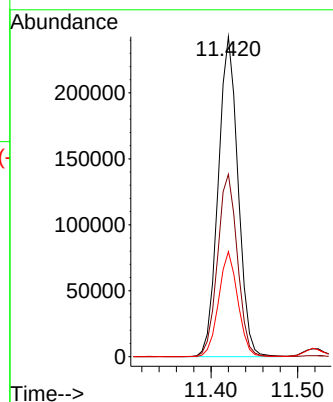
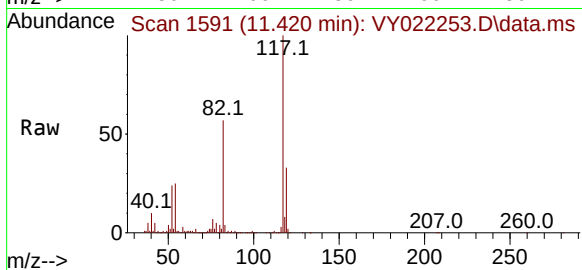
Tgt Ion:117 Resp: 385399

Ion Ratio Lower Upper

117 100

82 56.9 46.6 70.0

119 32.8 25.8 38.6



#64

Tetrachloroethene

Concen: 5.125 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion:164 Resp: 18255

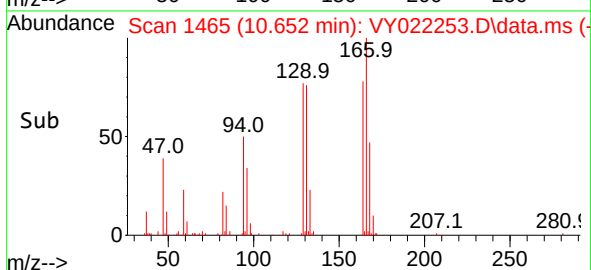
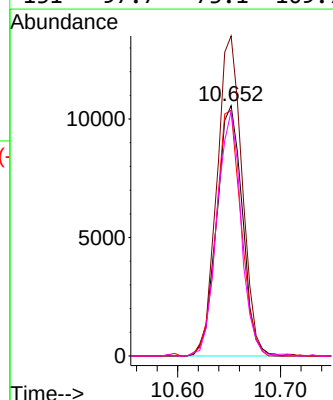
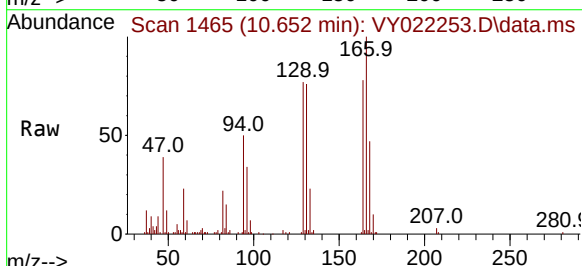
Ion Ratio Lower Upper

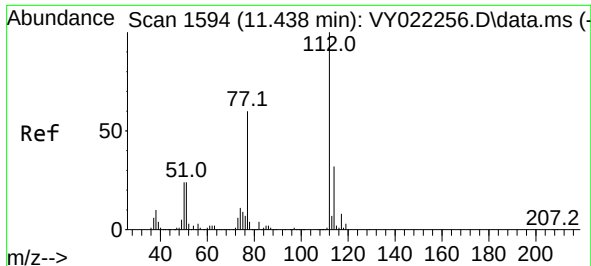
164 100

166 127.8 100.4 150.6

129 98.1 76.4 114.6

131 97.7 73.1 109.7

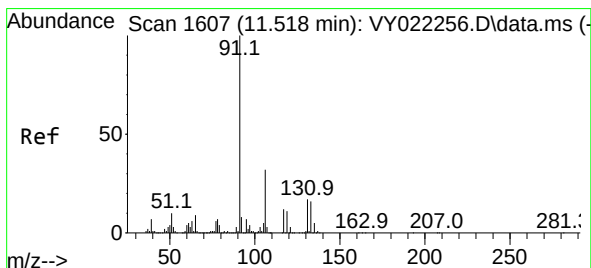
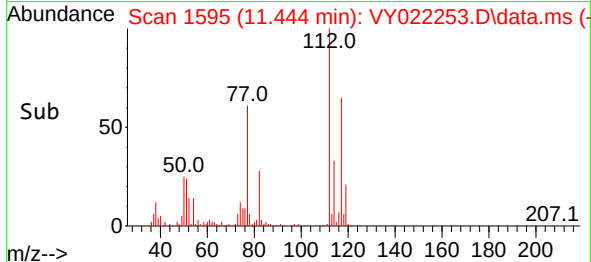
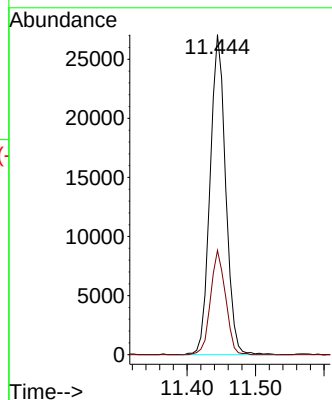
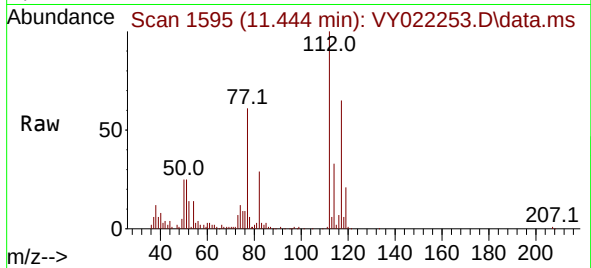




#65
Chlorobenzene
Concen: 4.927 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

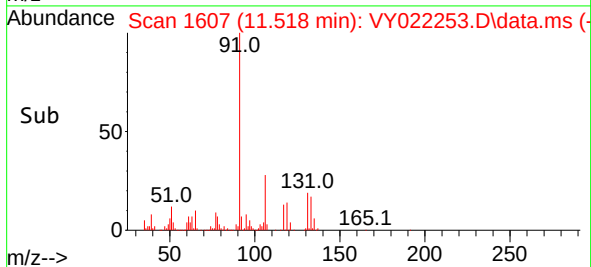
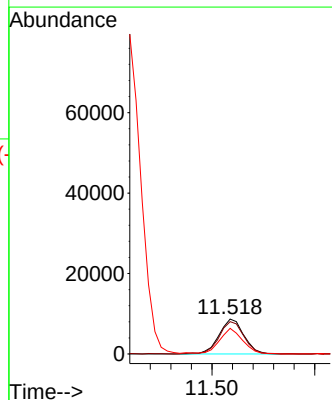
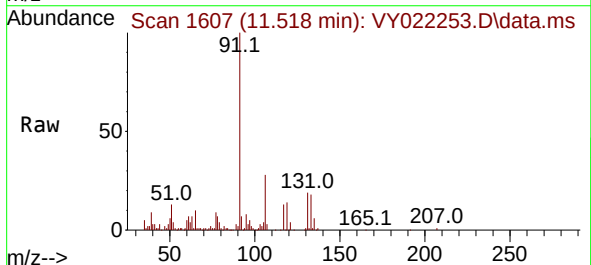
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

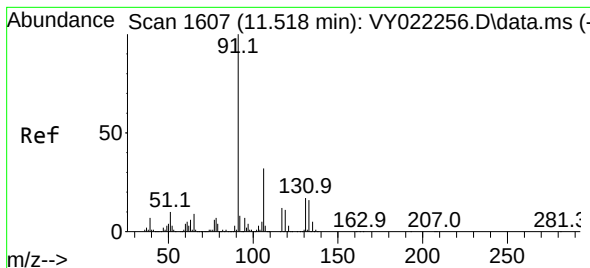
Tgt Ion:112 Resp: 42844
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.812 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion:131 Resp: 14385
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 68.6 33.1 99.2





#67

Ethyl Benzene

Concen: 4.766 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

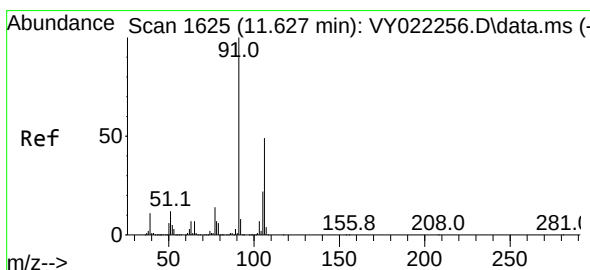
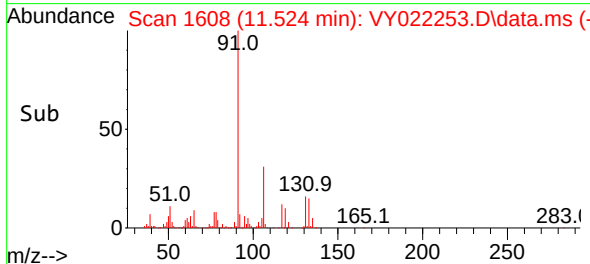
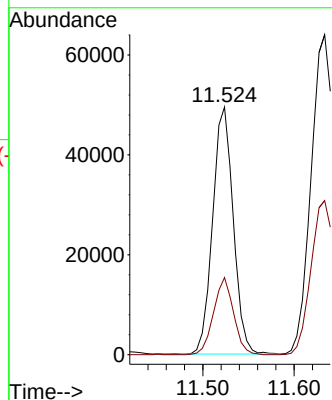
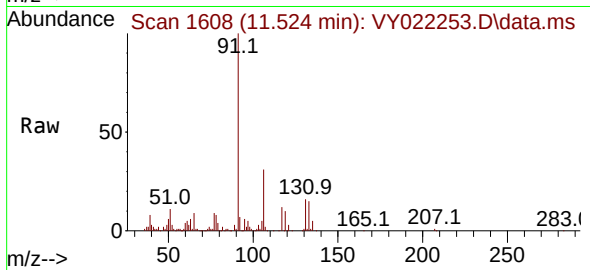
VSTDIC005

Tgt Ion: 91 Resp: 77606

Ion Ratio Lower Upper

91 100

106 31.2 25.4 38.0



#68

m/p-Xylenes

Concen: 9.407 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022253.D

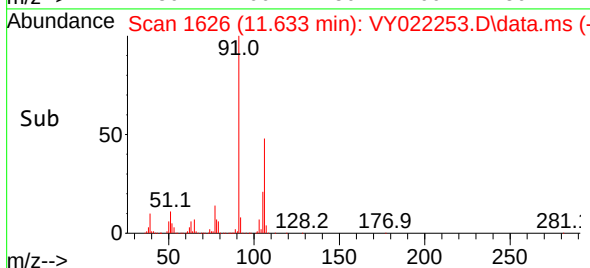
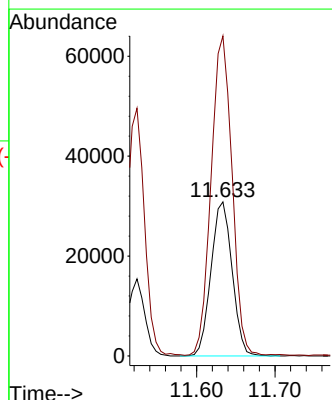
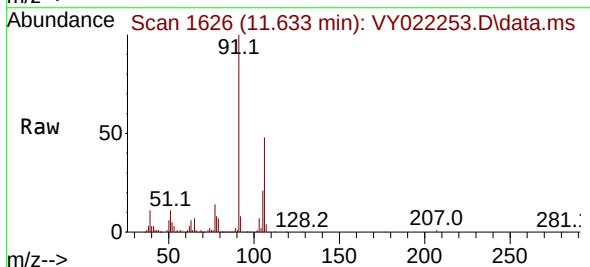
Acq: 15 May 2025 09:46

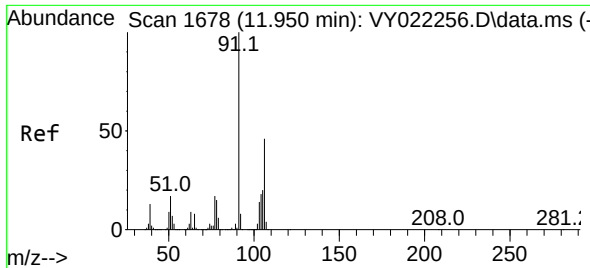
Tgt Ion:106 Resp: 57721

Ion Ratio Lower Upper

106 100

91 205.0 163.0 244.4

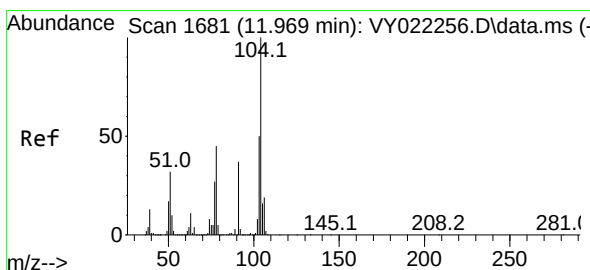
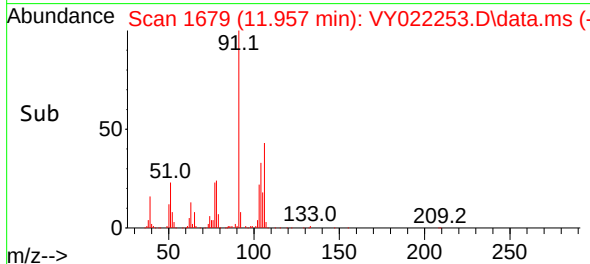
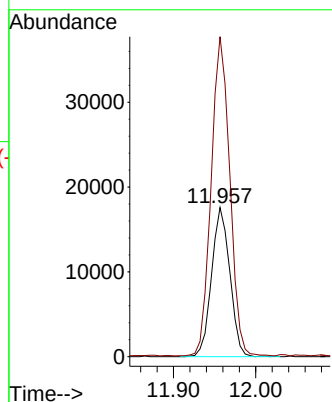
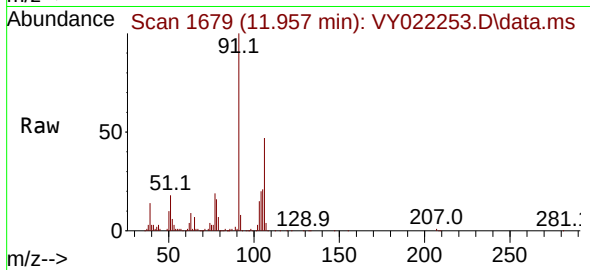




#69
o-Xylene
Concen: 4.673 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

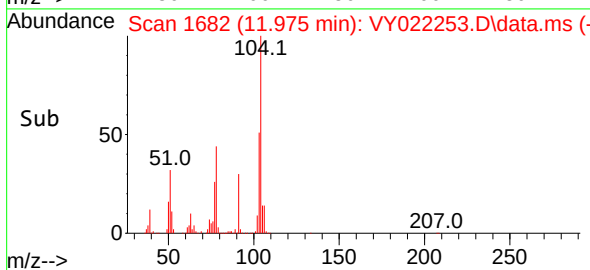
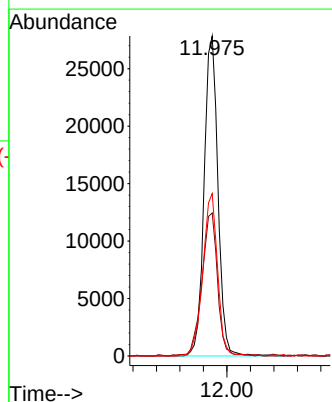
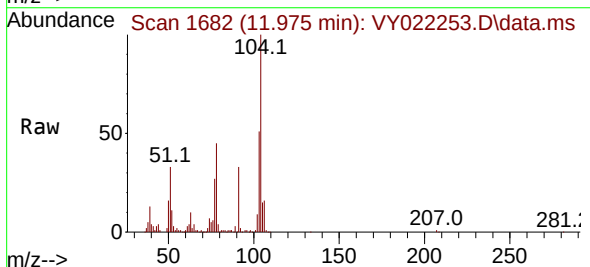
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

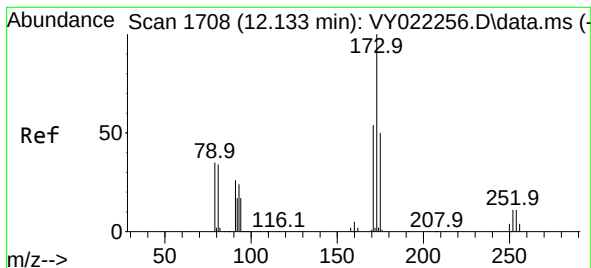
Tgt Ion:106 Resp: 27130
Ion Ratio Lower Upper
106 100
91 218.6 108.3 324.8



#70
Styrene
Concen: 4.652 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion:104 Resp: 45556
Ion Ratio Lower Upper
104 100
78 50.6 40.9 61.3
103 54.2 43.7 65.5





#71

Bromoform

Concen: 4.834 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

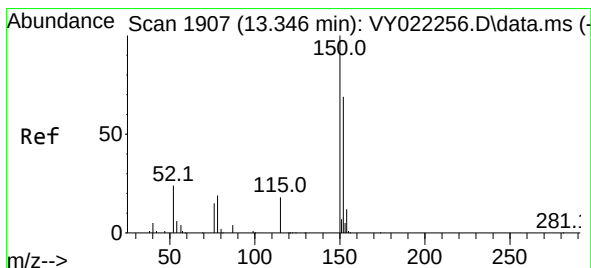
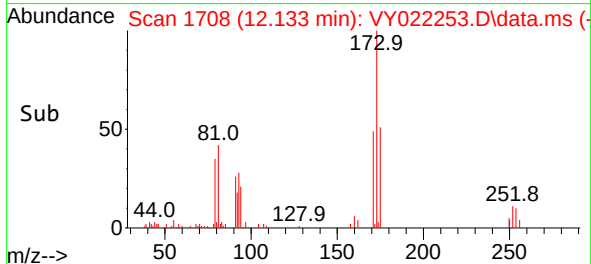
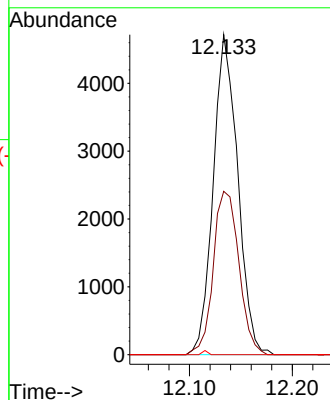
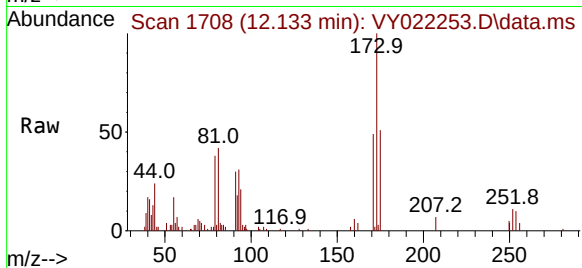
Tgt Ion:173 Resp: 7799

Ion Ratio Lower Upper

173 100

175 53.5 24.7 74.1

254 0.3 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

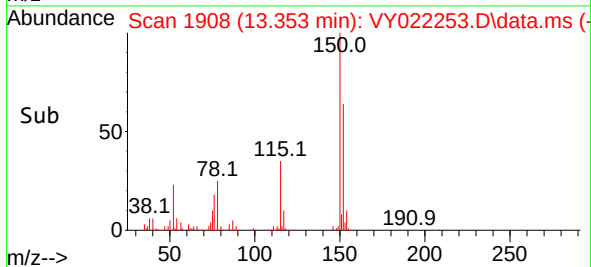
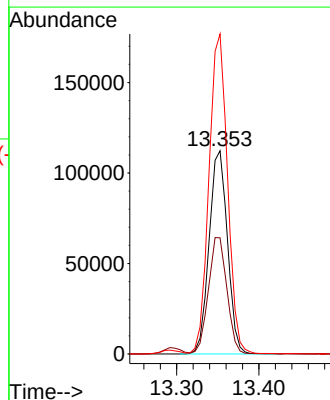
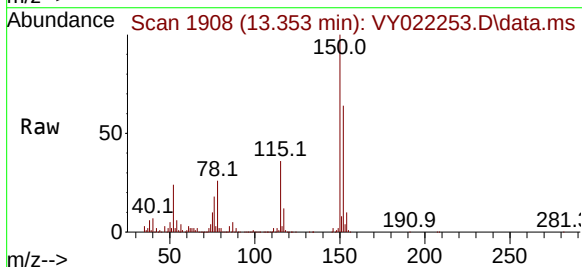
Tgt Ion:152 Resp: 174003

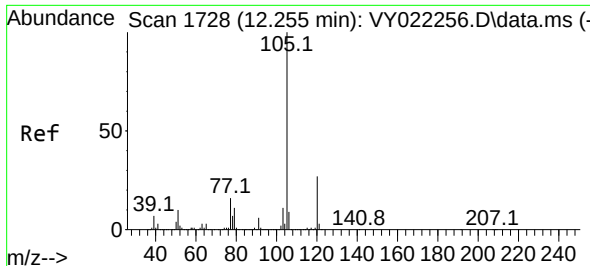
Ion Ratio Lower Upper

152 100

115 58.0 29.4 88.2

150 158.8 0.0 353.8

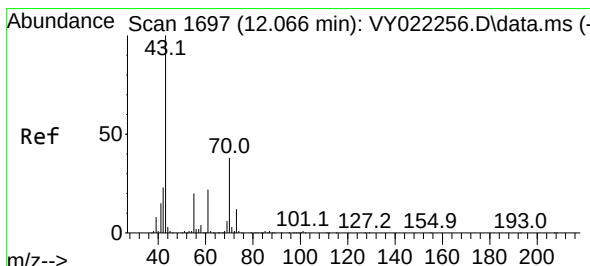
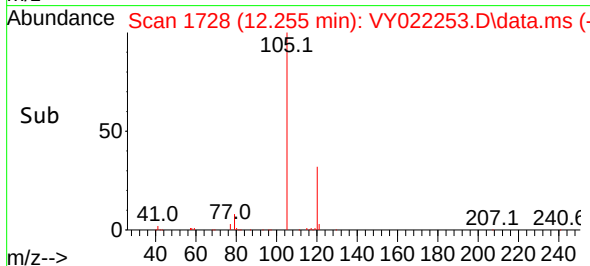
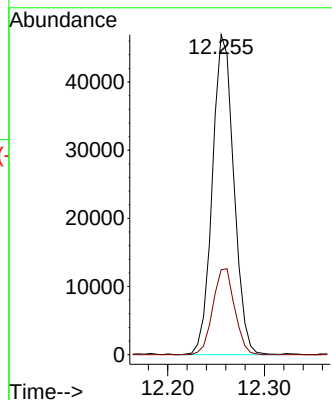
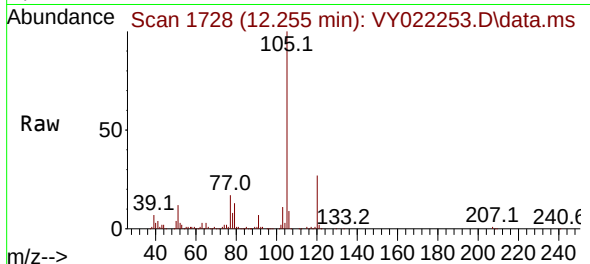




#73
Isopropylbenzene
Concen: 5.017 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

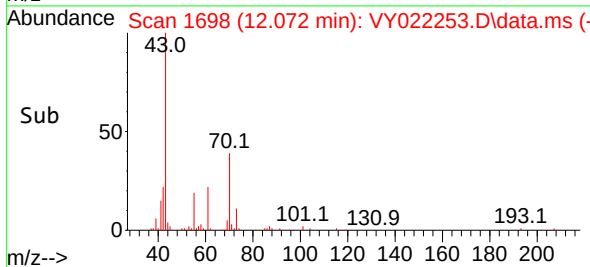
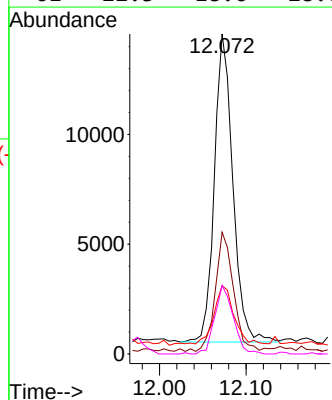
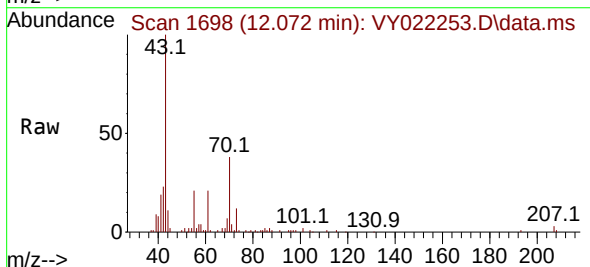
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

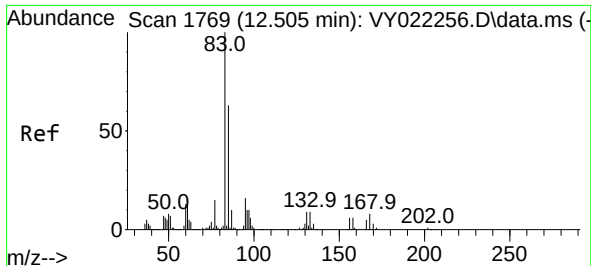
Tgt Ion:105 Resp: 72325
Ion Ratio Lower Upper
105 100
120 27.3 13.2 39.6



#74
N-ethyl acetate
Concen: 5.043 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 43 Resp: 20793
Ion Ratio Lower Upper
43 100
70 37.9 31.4 47.0
55 19.9 17.0 25.6
61 22.3 18.6 28.0

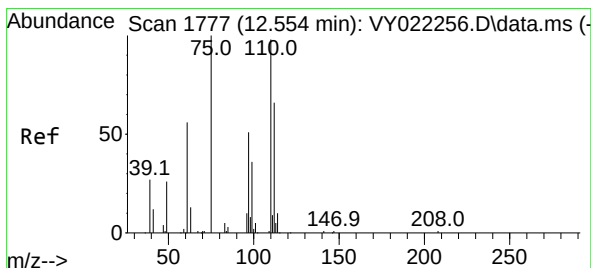
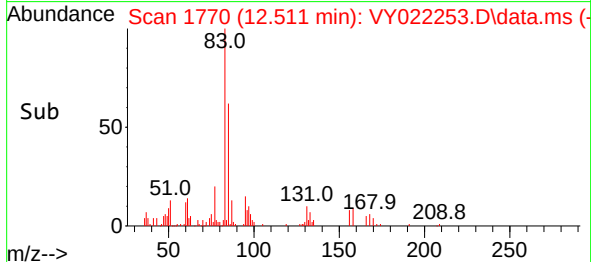
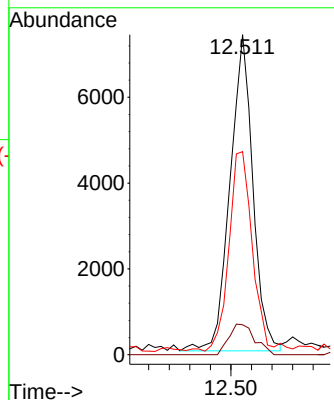
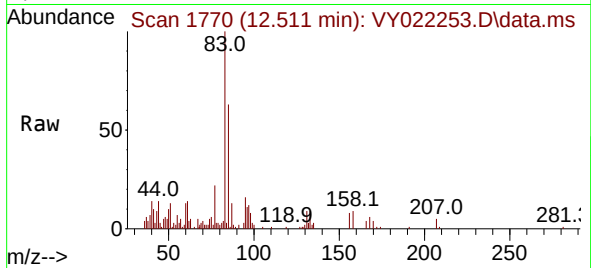




#75
1,1,2,2-Tetrachloroethane
Concen: 5.152 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

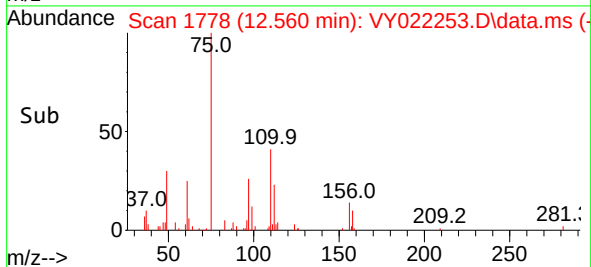
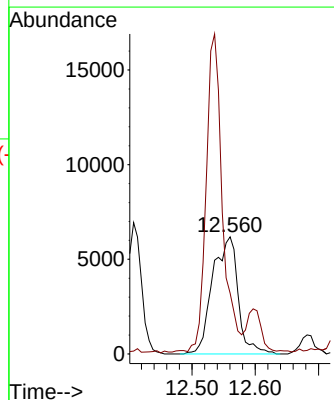
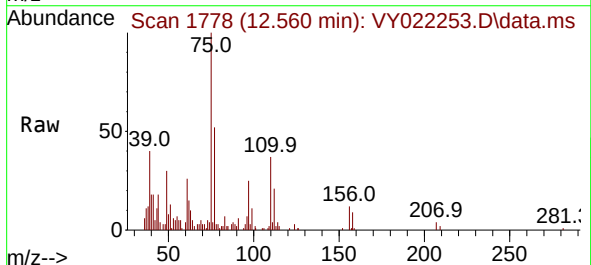
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

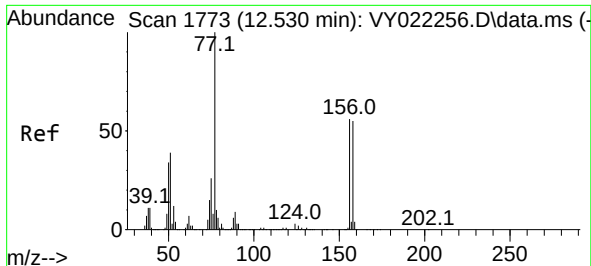
Tgt Ion: 83 Resp: 11422
Ion Ratio Lower Upper
83 100
131 10.9 4.9 14.7
85 63.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 5.646 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 75 Resp: 17315
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

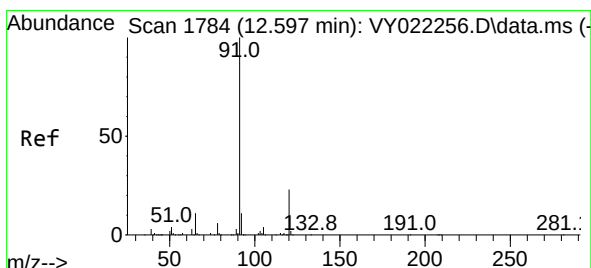
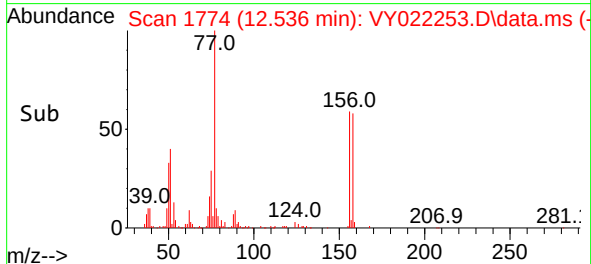
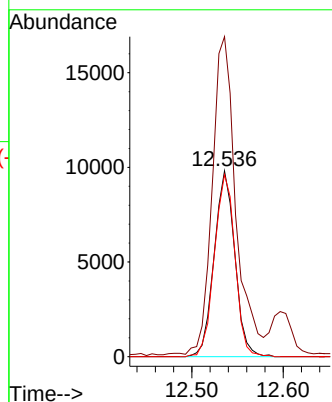
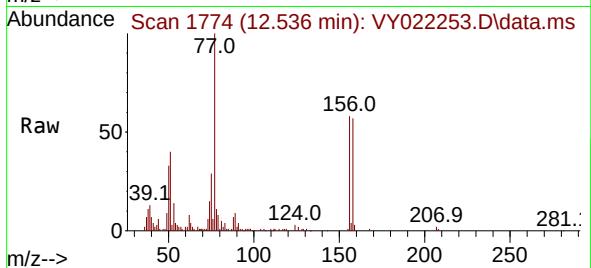




#77
Bromobenzene
Concen: 5.015 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

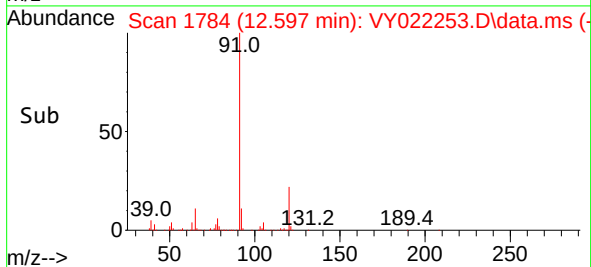
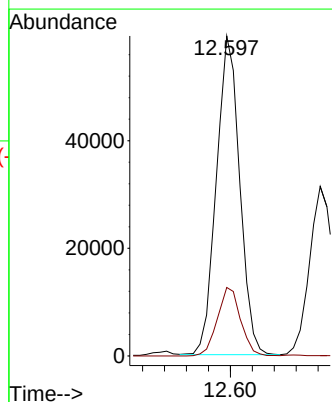
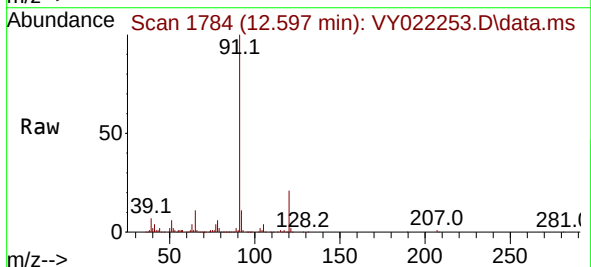
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

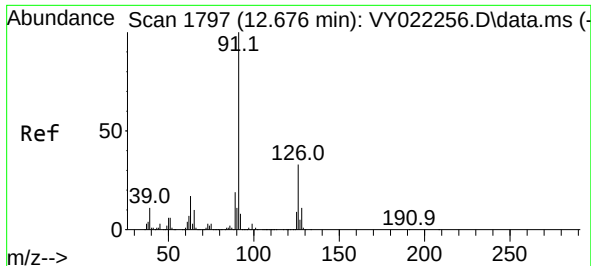
Tgt Ion:156 Resp: 15441
Ion Ratio Lower Upper
156 100
77 195.0 94.5 283.6
158 97.7 48.4 145.3



#78
n-propylbenzene
Concen: 5.034 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 91 Resp: 87533
Ion Ratio Lower Upper
91 100
120 21.4 11.1 33.3

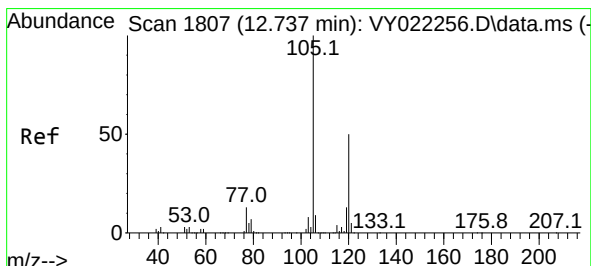
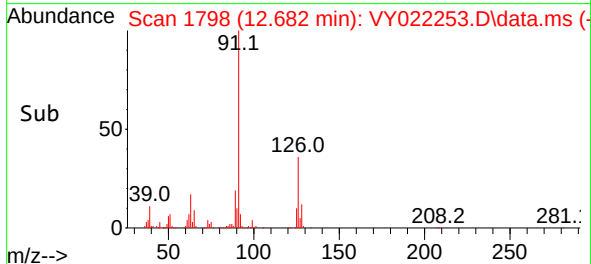
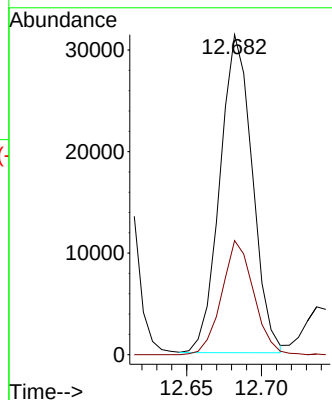
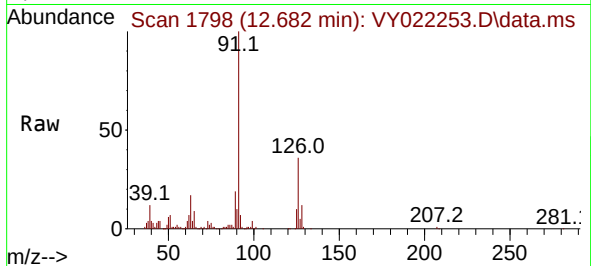




#79
2-Chlorotoluene
Concen: 4.944 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

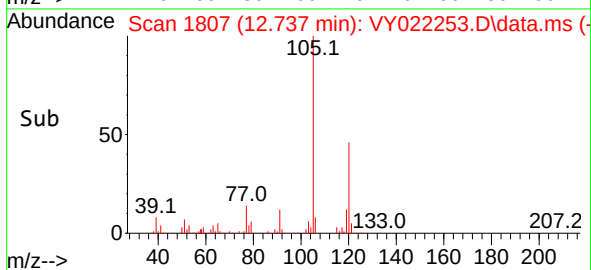
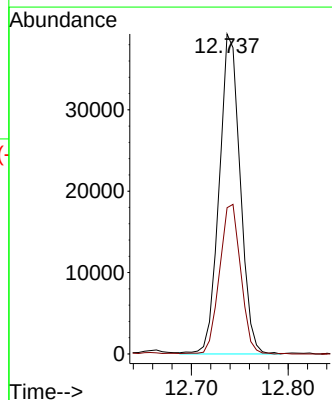
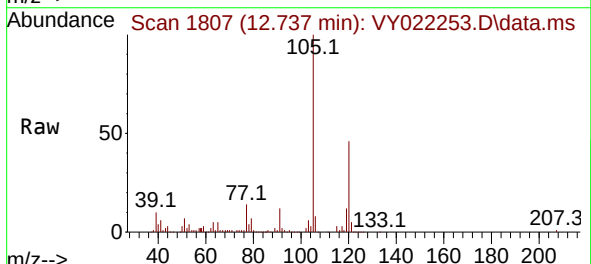
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

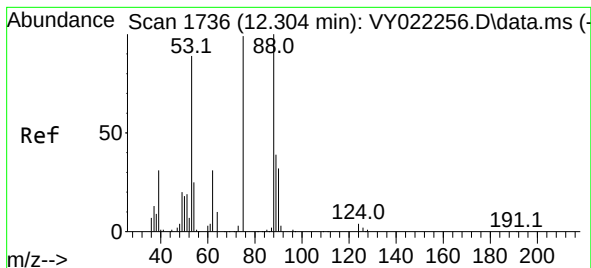
Tgt Ion: 91 Resp: 47245
Ion Ratio Lower Upper
91 100
126 35.4 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 5.073 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022253.D
Acq: 15 May 2025 09:46

Tgt Ion: 105 Resp: 59031
Ion Ratio Lower Upper
105 100
120 47.3 24.2 72.6

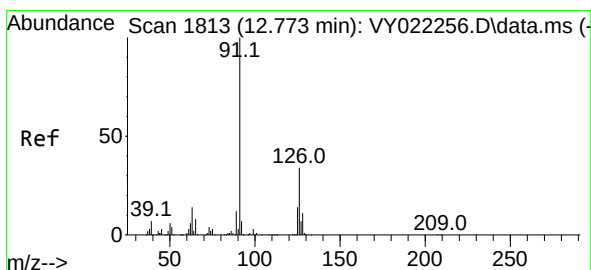
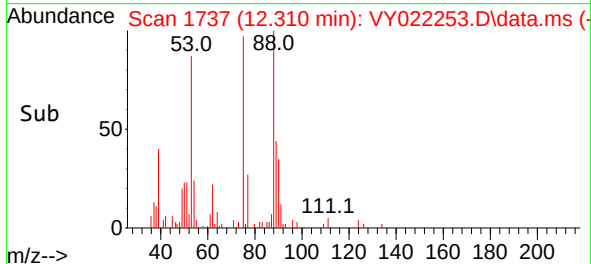
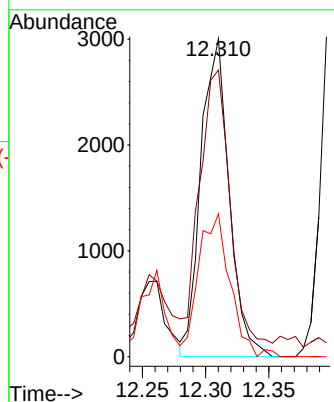
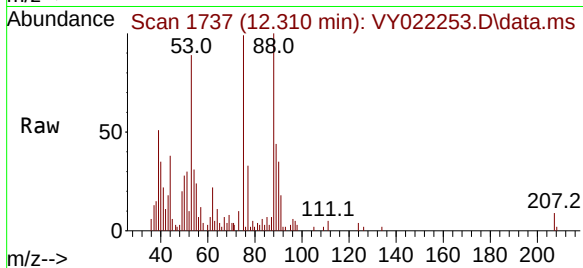




#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.373 ug/l
 RT: 12.310 min Scan# 1737
 Delta R.T. 0.006 min
 Lab File: VY022253.D
 Acq: 15 May 2025 09:46

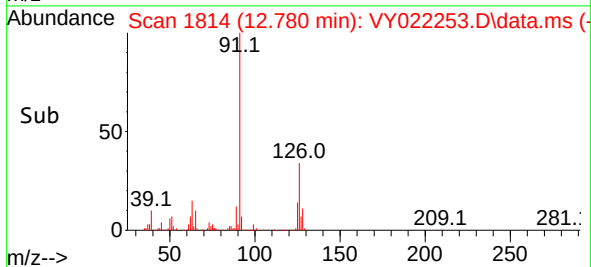
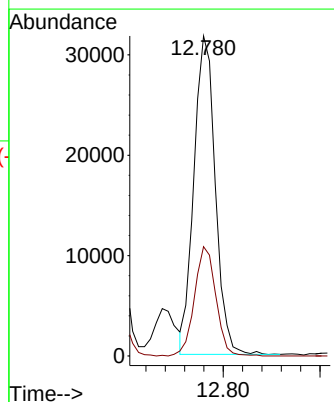
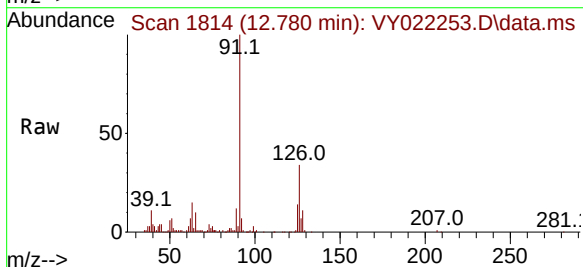
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

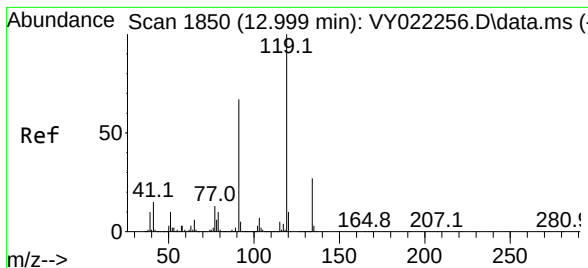
Tgt Ion: 75 Resp: 4676
 Ion Ratio Lower Upper
 75 100
 53 93.6 75.8 113.8
 89 50.0 36.2 54.2



#82
 4-Chlorotoluene
 Concen: 4.959 ug/l
 RT: 12.780 min Scan# 1814
 Delta R.T. 0.006 min
 Lab File: VY022253.D
 Acq: 15 May 2025 09:46

Tgt Ion: 91 Resp: 48737
 Ion Ratio Lower Upper
 91 100
 126 34.5 16.8 50.4





#83

tert-Butylbenzene

Concen: 5.109 ug/l

RT: 12.999 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

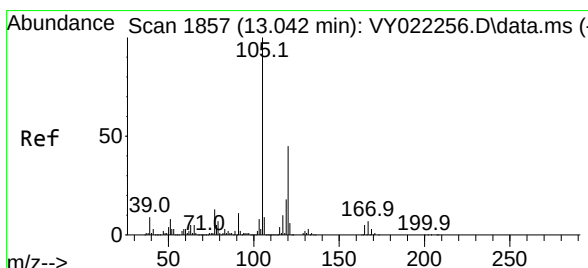
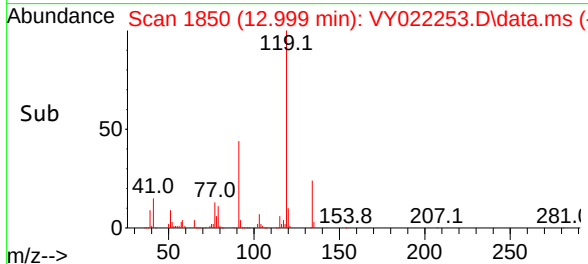
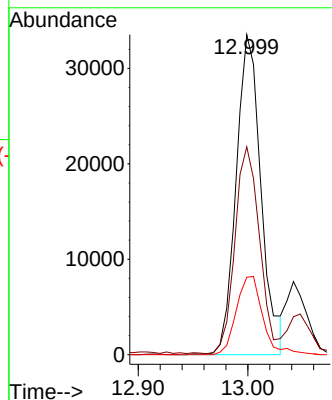
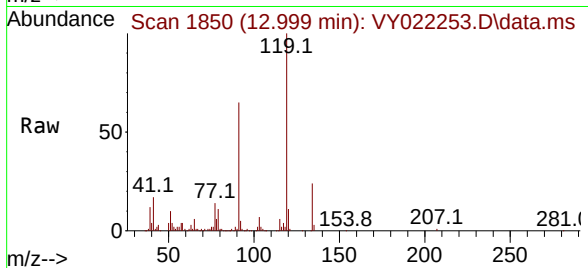
Tgt Ion:119 Resp: 52841

Ion Ratio Lower Upper

119 100

91 64.1 32.8 98.3

134 26.0 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 4.804 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY022253.D

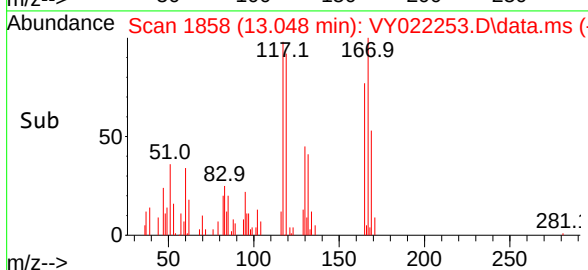
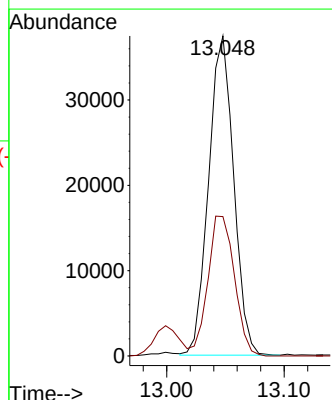
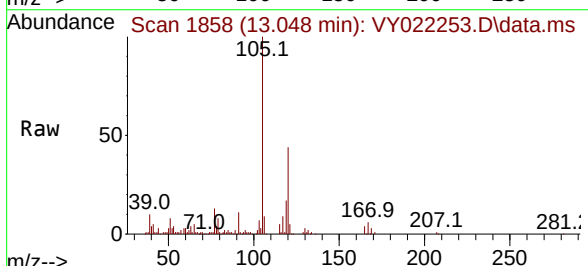
Acq: 15 May 2025 09:46

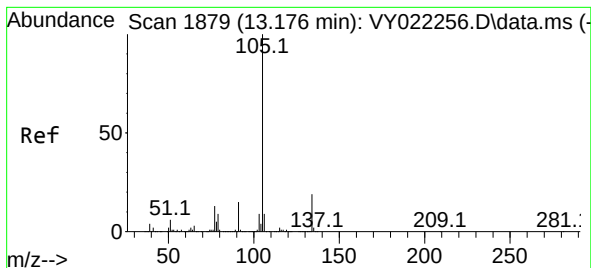
Tgt Ion:105 Resp: 55488

Ion Ratio Lower Upper

105 100

120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 4.975 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

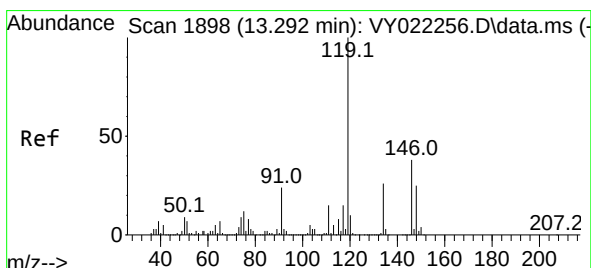
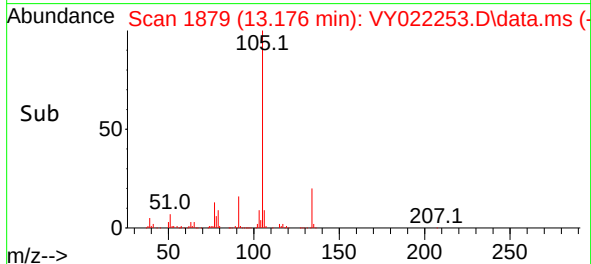
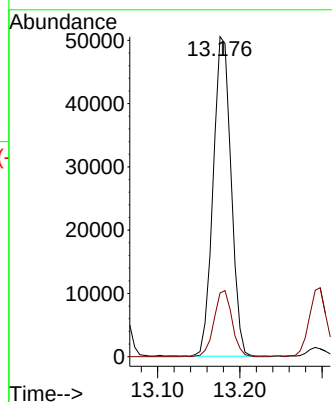
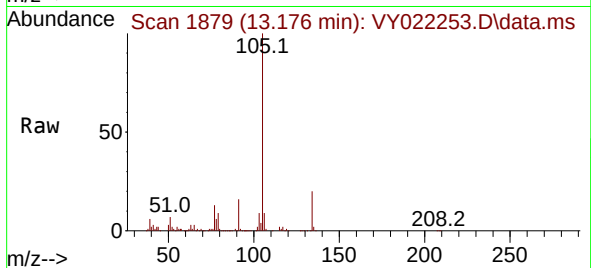
VSTDIC005

Tgt Ion:105 Resp: 76384

Ion Ratio Lower Upper

105 100

134 20.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 4.849 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

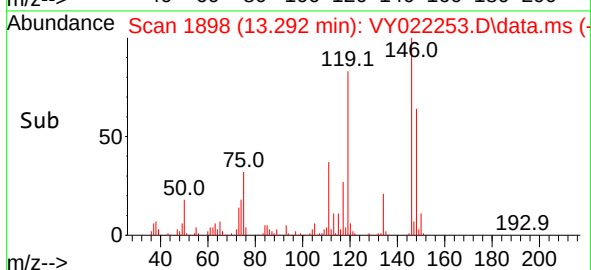
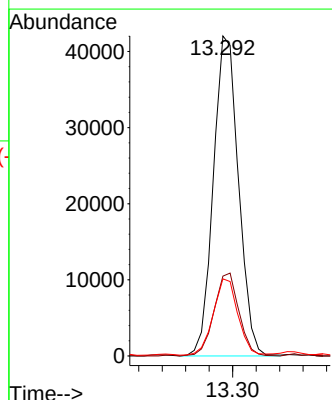
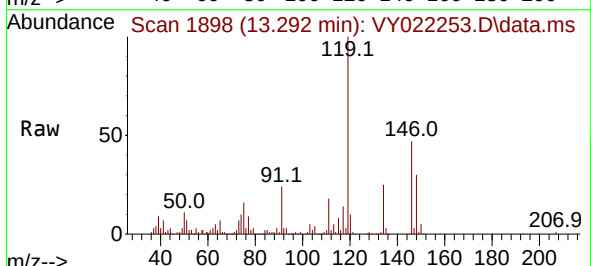
Tgt Ion:119 Resp: 62608

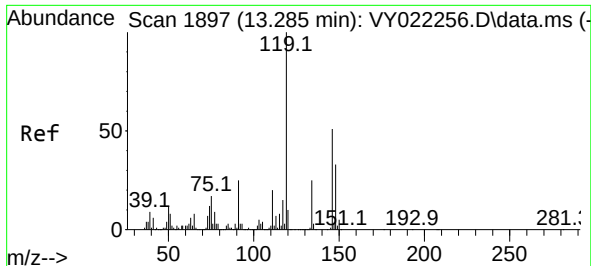
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

91 23.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 4.863 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

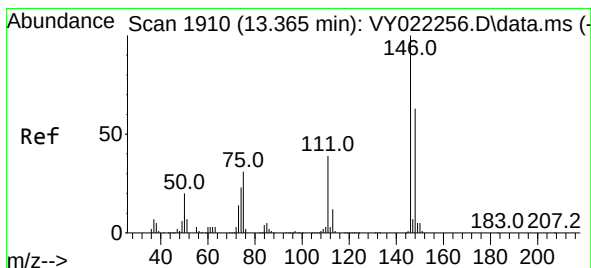
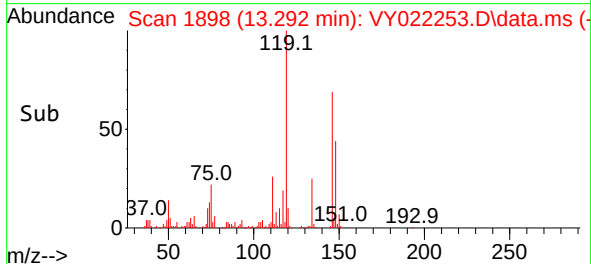
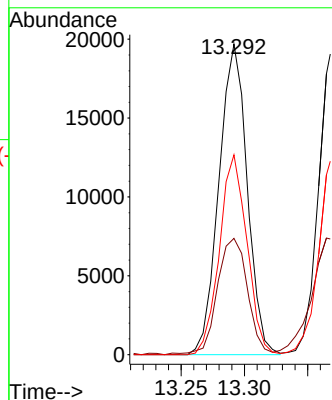
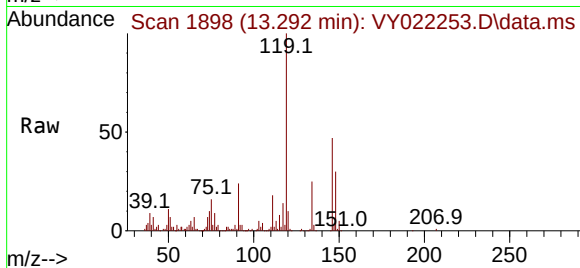
Tgt Ion:146 Resp: 30564

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

148 62.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 5.063 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

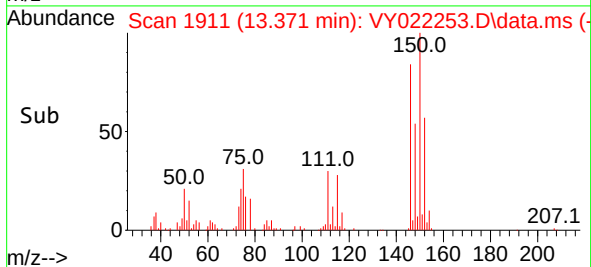
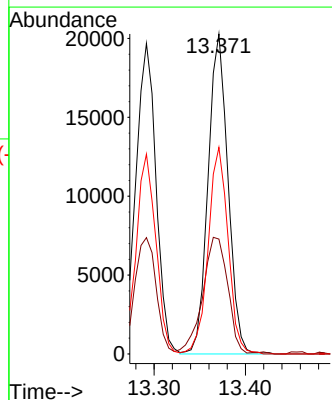
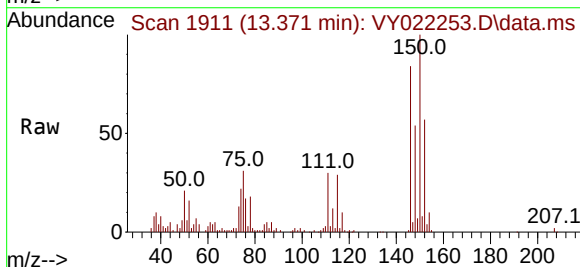
Tgt Ion:146 Resp: 30610

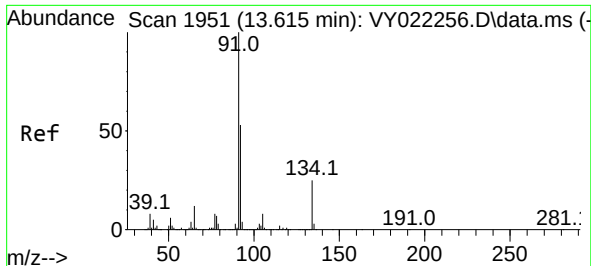
Ion Ratio Lower Upper

146 100

111 45.2 20.0 59.9

148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 4.869 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

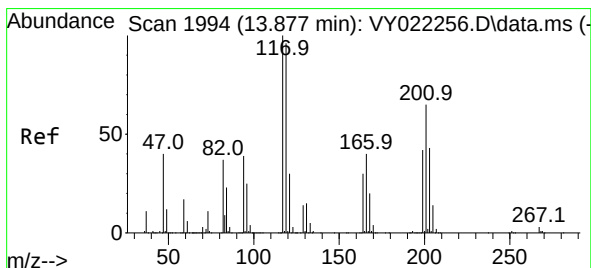
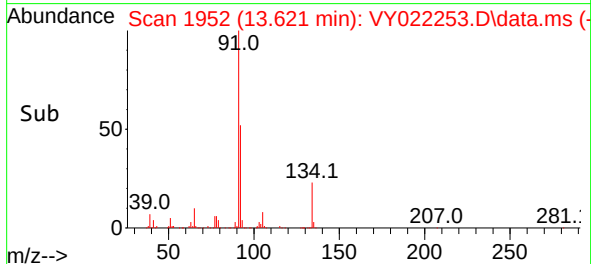
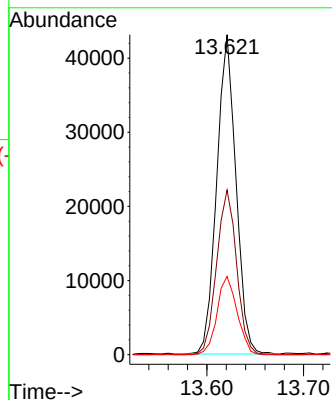
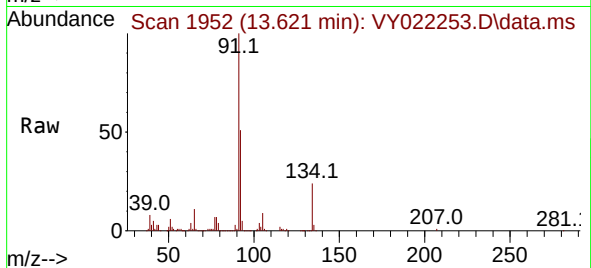
Tgt Ion: 91 Resp: 59485

Ion Ratio Lower Upper

91 100

92 53.6 26.3 78.9

134 25.6 12.4 37.4



#90

Hexachloroethane

Concen: 5.158 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022253.D

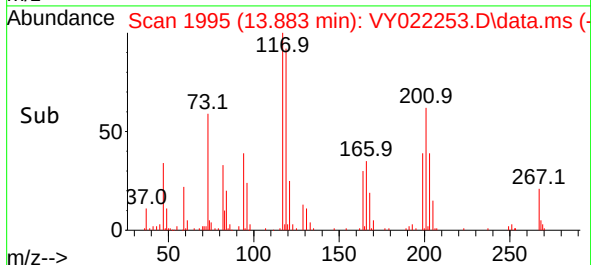
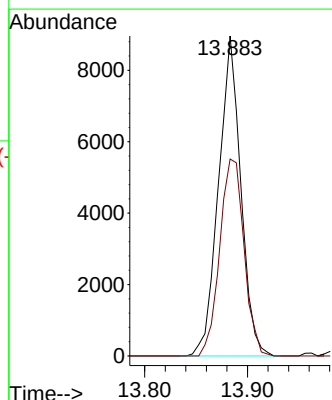
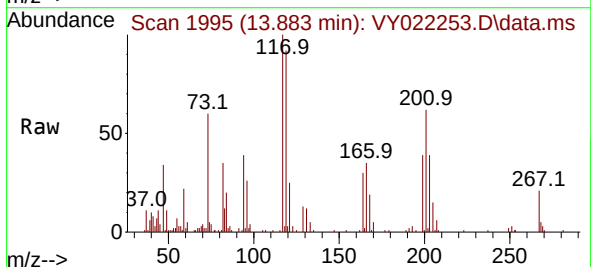
Acq: 15 May 2025 09:46

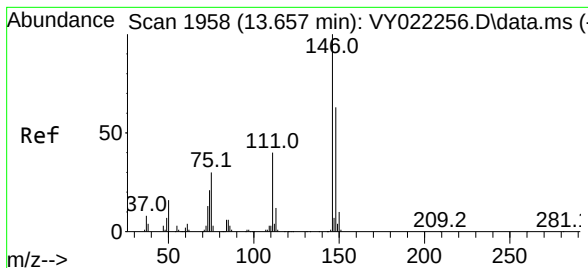
Tgt Ion: 117 Resp: 13445

Ion Ratio Lower Upper

117 100

201 67.2 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 5.030 ug/l

RT: 13.664 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

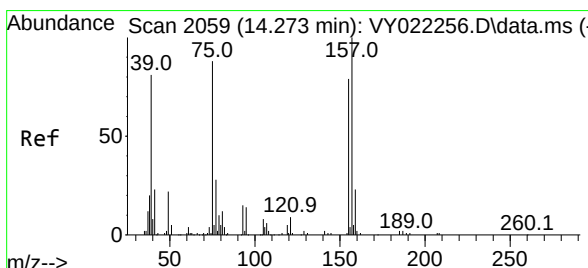
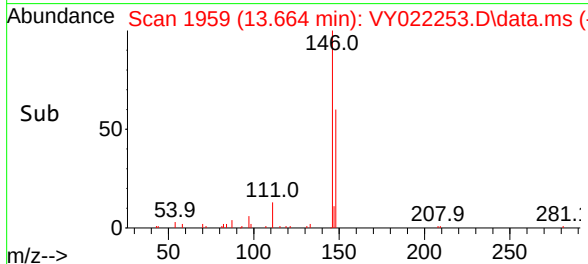
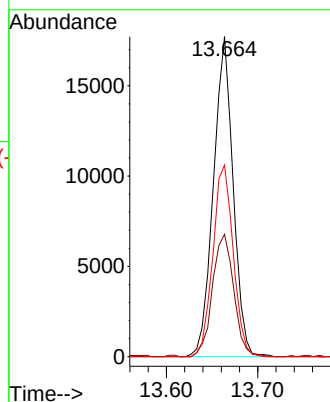
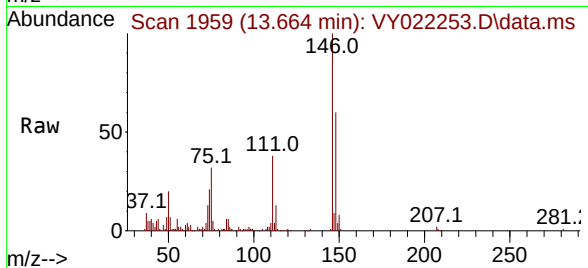
Tgt Ion:146 Resp: 26556

Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.5

148 61.8 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.217 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

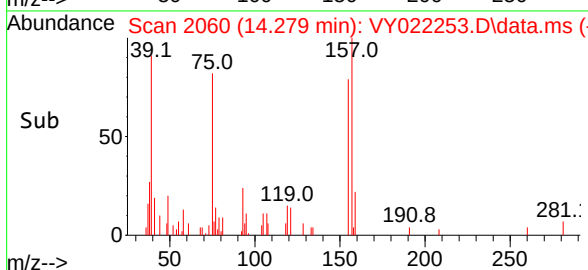
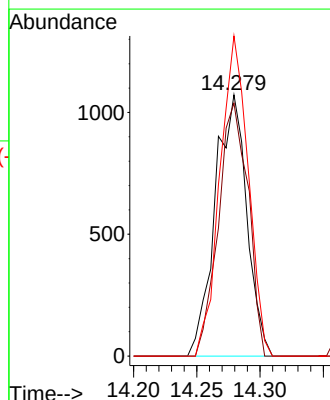
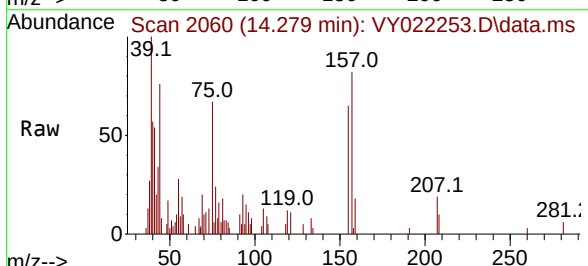
Tgt Ion: 75 Resp: 1865

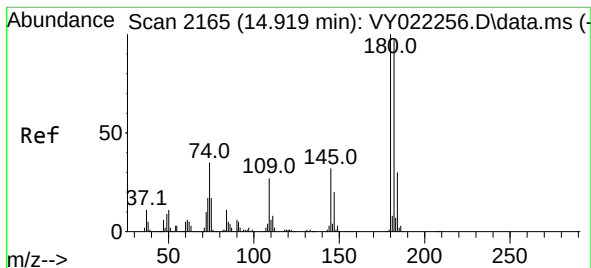
Ion Ratio Lower Upper

75 100

155 90.8 43.4 130.1

157 109.4 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 4.906 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

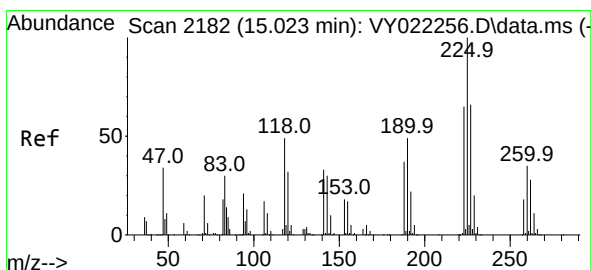
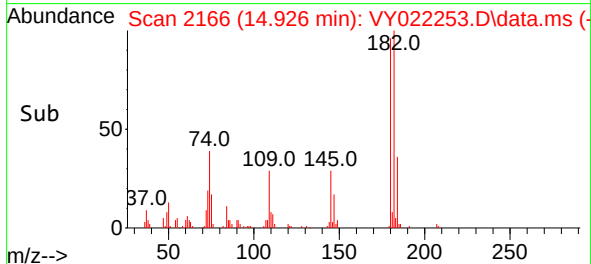
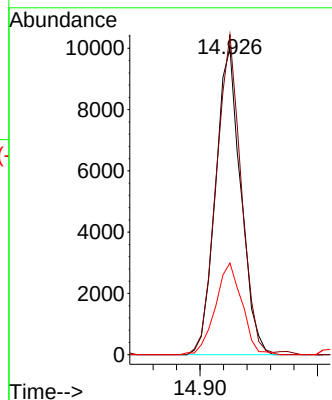
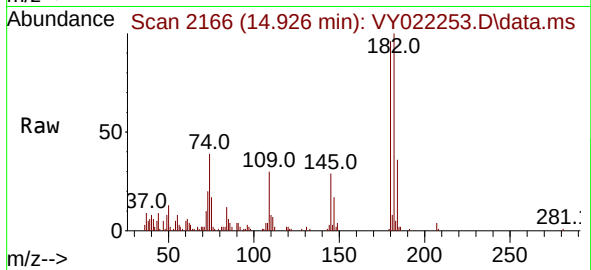
Tgt Ion:180 Resp: 14961

Ion Ratio Lower Upper

180 100

182 103.3 48.0 144.0

145 31.4 15.0 45.1



#94

Hexachlorobutadiene

Concen: 5.226 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

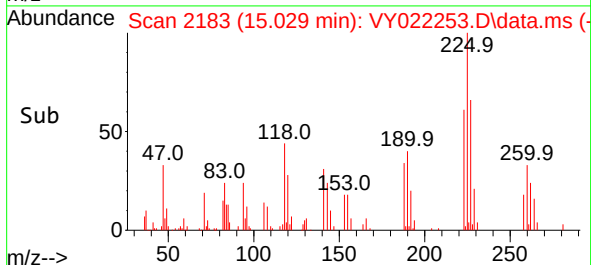
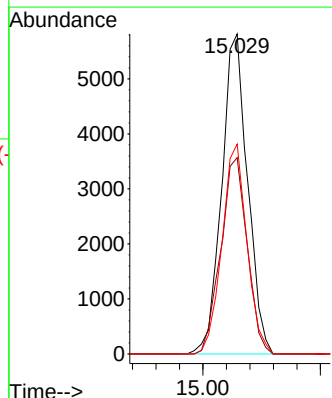
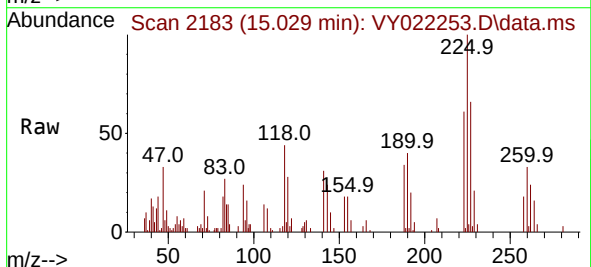
Tgt Ion:225 Resp: 8887

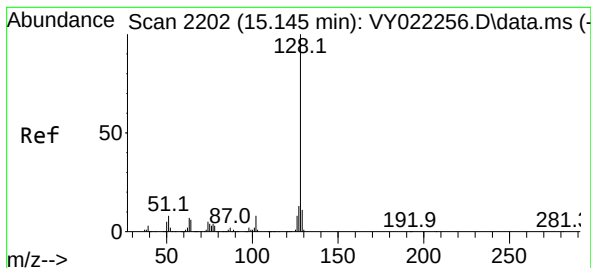
Ion Ratio Lower Upper

225 100

223 62.6 31.5 94.5

227 63.3 32.1 96.3





#95

Naphthalene

Concen: 5.124 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

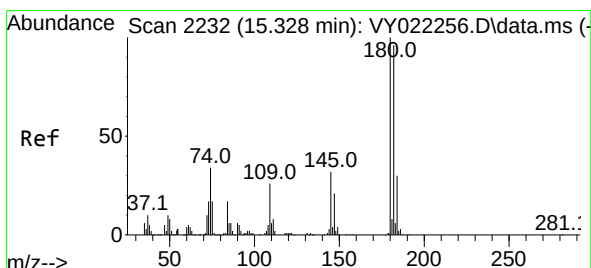
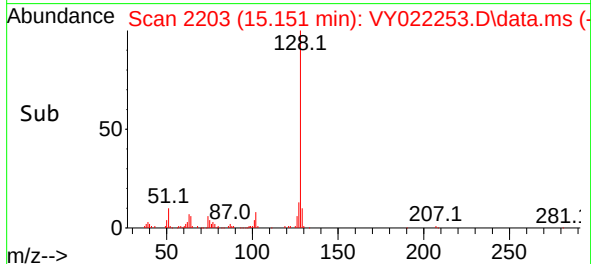
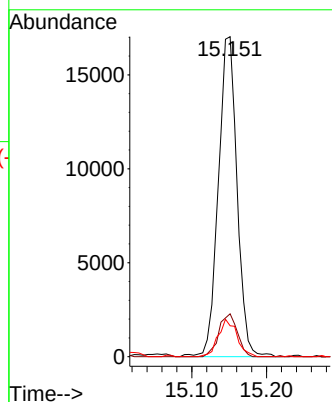
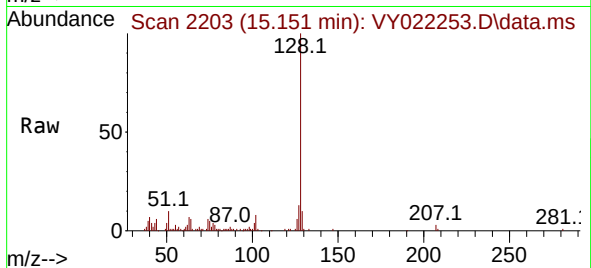
Tgt Ion:128 Resp: 29654

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 11.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 5.063 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022253.D

Acq: 15 May 2025 09:46

Tgt Ion:180 Resp: 13097

Ion Ratio Lower Upper

180 100

182 96.6 47.1 141.3

145 33.7 15.9 47.6

