

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022300.D
 Acq On : 16 May 2025 18:44
 Operator : SY/MD
 Sample : Q2032-06MSD
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MSD

Quant Time: May 17 01:39:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	94711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	163805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	143977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	68883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	77462	74.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.680%	
35) Dibromofluoromethane	7.628	113	67265	68.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.600%	
50) Toluene-d8	10.103	98	264442	66.042	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 132.080%	
62) 4-Bromofluorobenzene	12.402	95	79687	62.786	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 125.580%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	65419	66.195	ug/l	96
3) Chloromethane	2.068	50	131499	63.255	ug/l	96
4) Vinyl Chloride	2.202	62	189570	81.619	ug/l	98
5) Bromomethane	2.592	94	139126	73.583	ug/l	98
6) Chloroethane	2.733	64	125160	86.619	ug/l	99
7) Trichlorofluoromethane	3.050	101	177278	75.387	ug/l	99
8) Diethyl Ether	3.452	74	41085	72.802	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	71519	70.056	ug/l	98
10) Methyl Iodide	4.001	142	80587	68.203	ug/l	99
11) Tert butyl alcohol	4.854	59	34212	432.821	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	70099	69.193	ug/l	95
13) Acrolein	3.653	56	32192	278.585	ug/l	99
14) Allyl chloride	4.379	41	109886	61.860	ug/l	96
15) Acrylonitrile	5.055	53	101021	434.433	ug/l	99
16) Acetone	3.866	43	110402	568.822	ug/l	96
17) Carbon Disulfide	4.104	76	225561	68.277	ug/l	98
18) Methyl Acetate	4.385	43	86486	141.329	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	207018	74.110	ug/l	100
20) Methylene Chloride	4.610	84	81192	64.740	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	76886	68.757	ug/l	89
22) Diisopropyl ether	6.019	45	243981	65.039	ug/l	95
23) Vinyl Acetate	5.958	43	514015	226.809	ug/l	98
24) 1,1-Dichloroethane	5.915	63	138777	66.218	ug/l	99
25) 2-Butanone	6.890	43	136443	420.273	ug/l	100
26) 2,2-Dichloropropane	6.884	77	113737	61.016	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	89095	69.044	ug/l	95
28) Bromochloromethane	7.244	49	64368	72.005	ug/l	100
29) Tetrahydrofuran	7.256	42	89722	429.566	ug/l	98
30) Chloroform	7.415	83	137210	68.256	ug/l	98
31) Cyclohexane	7.701	56	131474	62.787	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	125286	67.932	ug/l	99
36) 1,1-Dichloropropene	7.835	75	103972	64.565	ug/l	99
37) Ethyl Acetate	6.982	43	60307	77.833	ug/l	97
38) Carbon Tetrachloride	7.811	117	105629	63.368	ug/l	98
39) Methylcyclohexane	9.109	83	137340	63.480	ug/l	95
40) Benzene	8.079	78	310424	65.025	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	32836	63.887	ug/l #	81
42) 1,2-Dichloroethane	8.152	62	90434	70.050	ug/l	99
43) Isopropyl Acetate	8.195	43	125891	74.501	ug/l #	90
44) Trichloroethene	8.859	130	76438	64.395	ug/l	96
45) 1,2-Dichloropropane	9.140	63	74548	64.771	ug/l	97
46) Dibromomethane	9.225	93	44748	72.084	ug/l	98
47) Bromodichloromethane	9.420	83	107443	66.716	ug/l	98
48) Methyl methacrylate	9.219	41	57245	72.440	ug/l	93
49) 1,4-Dioxane	9.231	88	12485	1780.285	ug/l #	86
51) 4-Methyl-2-Pentanone	9.993	43	324626	391.523	ug/l	97
52) Toluene	10.170	92	190520	63.023	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	102427	65.171	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	114898	63.809	ug/l	99
55) 1,1,2-Trichloroethane	10.566	97	57667	72.544	ug/l	98
56) Ethyl methacrylate	10.438	69	89804	72.525	ug/l	97
57) 1,3-Dichloropropane	10.713	76	101624	71.952	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	216897	390.252	ug/l	100
59) 2-Hexanone	10.755	43	218591	393.205	ug/l	97
60) Dibromochloromethane	10.908	129	71502	69.300	ug/l	98
61) 1,2-Dibromoethane	11.012	107	55621	75.072	ug/l	99
64) Tetrachloroethene	10.646	164	82064	61.665	ug/l	97
65) Chlorobenzene	11.438	112	197364	60.760	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	69564	62.294	ug/l	100
67) Ethyl Benzene	11.518	91	367881	60.473	ug/l	99
68) m/p-Xylenes	11.627	106	276921	120.805	ug/l	97
69) o-Xylene	11.950	106	131547	60.654	ug/l	98
70) Styrene	11.969	104	217532	59.460	ug/l	99
71) Bromoform	12.127	173	41618	69.048	ug/l #	98
73) Isopropylbenzene	12.249	105	342723	60.057	ug/l	99
74) N-amyl acetate	12.066	43	87117	53.377	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	64509	73.504	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	92272	132.222	ug/l #	100
77) Bromobenzene	12.530	156	74434	61.070	ug/l	97
78) n-propylbenzene	12.591	91	405449	58.904	ug/l	100
79) 2-Chlorotoluene	12.676	91	219228	57.956	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	266496	57.851	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	22073	64.074	ug/l	99
82) 4-Chlorotoluene	12.773	91	221512	56.933	ug/l	99
83) tert-Butylbenzene	12.993	119	245397	59.935	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	266704	58.323	ug/l	99
85) sec-Butylbenzene	13.170	105	356221	58.610	ug/l	100
86) p-Isopropyltoluene	13.292	119	293972	57.509	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	140467	56.455	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	137572	57.482	ug/l	98
89) n-Butylbenzene	13.615	91	264403	54.675	ug/l	99
90) Hexachloroethane	13.877	117	60301	58.439	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	123124	58.912	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10770	76.102	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	66428	55.025	ug/l	95
94) Hexachlorobutadiene	15.017	225	32007	47.542	ug/l	98
95) Naphthalene	15.139	128	157685	68.830	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	58335	56.961	ug/l	98

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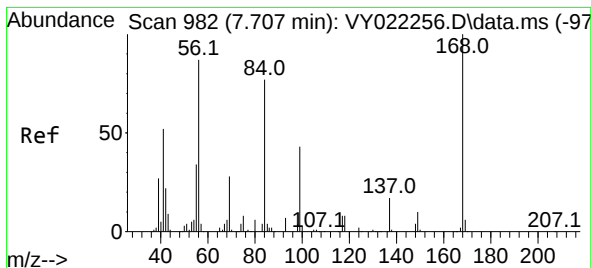
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY022300.D

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ClientSampleId :

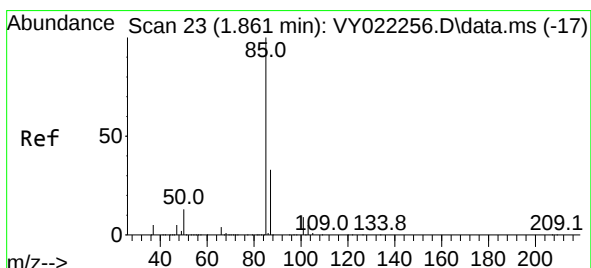
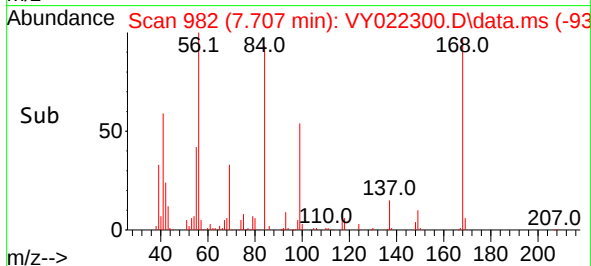
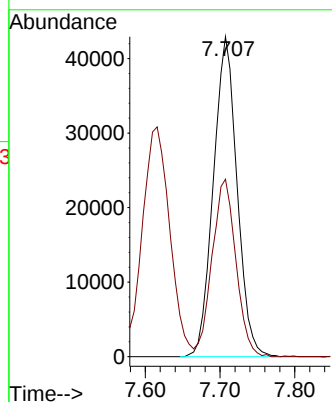
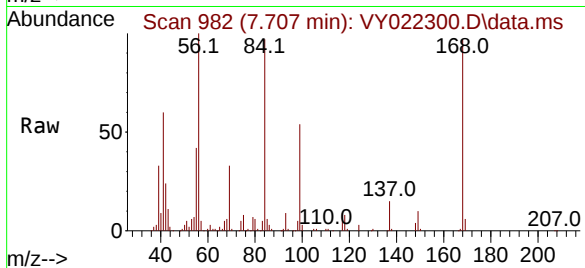
TP-24MSD

Tgt Ion:168 Resp: 94711

Ion Ratio Lower Upper

168 100

99 55.4 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 66.195 ug/l

RT: 1.861 min Scan# 23

Delta R.T. 0.000 min

Lab File: VY022300.D

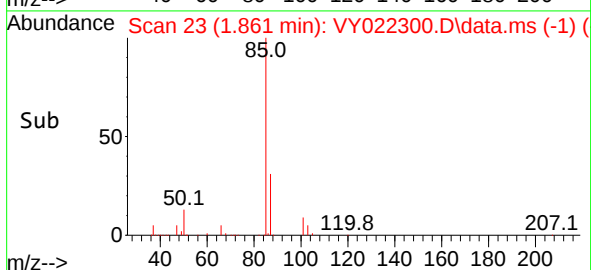
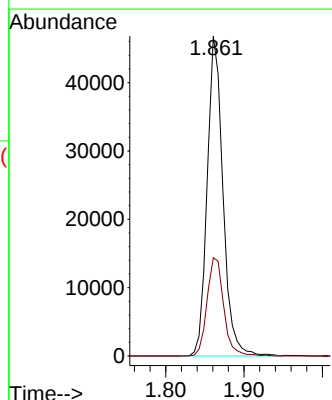
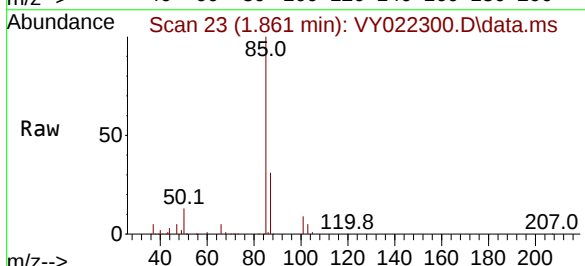
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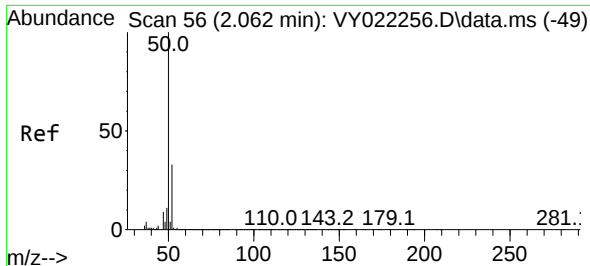
Tgt Ion: 85 Resp: 65419

Ion Ratio Lower Upper

85 100

87 30.7 16.5 49.5

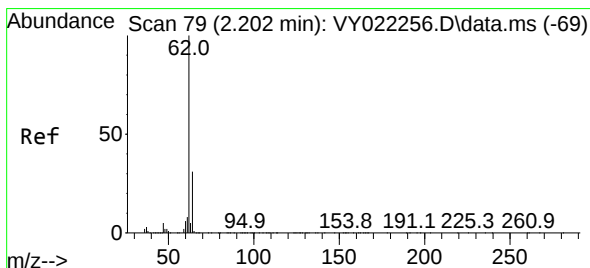
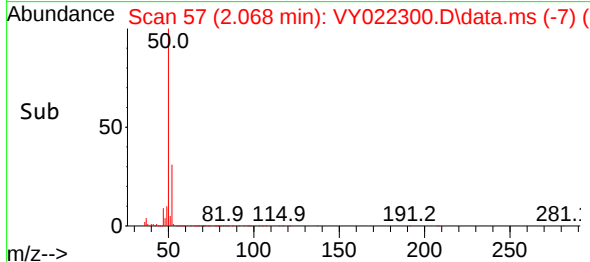
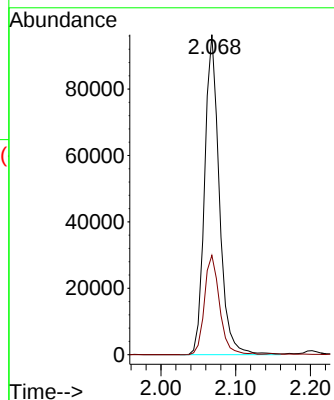
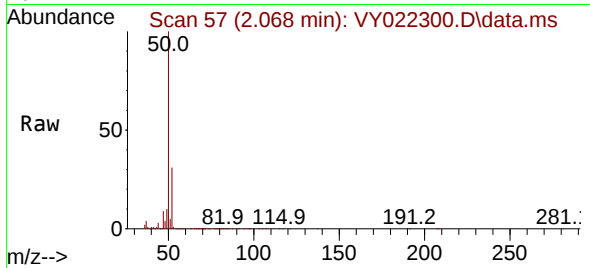




#3
Chloromethane
Concen: 63.255 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022300.D
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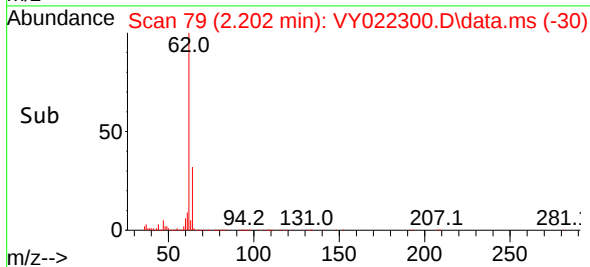
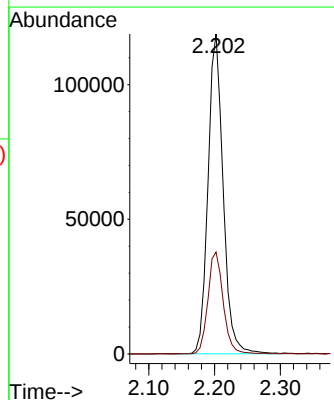
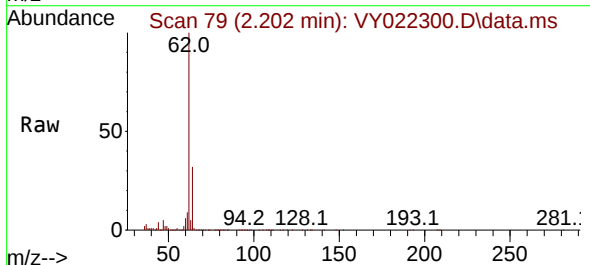
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

Tgt Ion: 50 Resp: 131499
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7



#4
Vinyl Chloride
Concen: 81.619 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 62 Resp: 189570
Ion Ratio Lower Upper
62 100
64 31.8 24.5 36.7

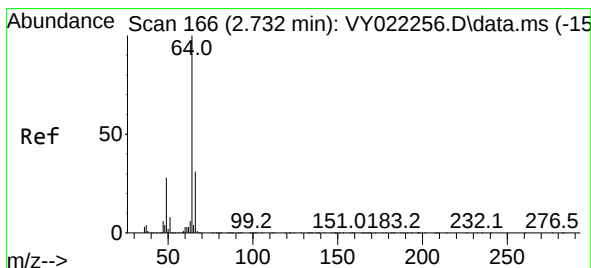
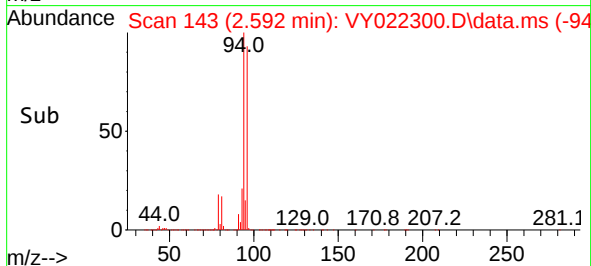
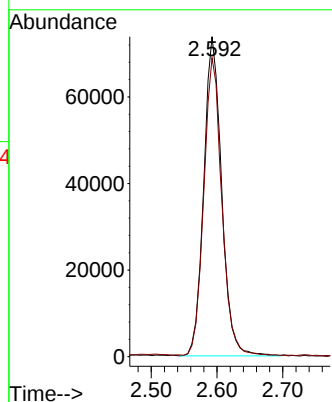
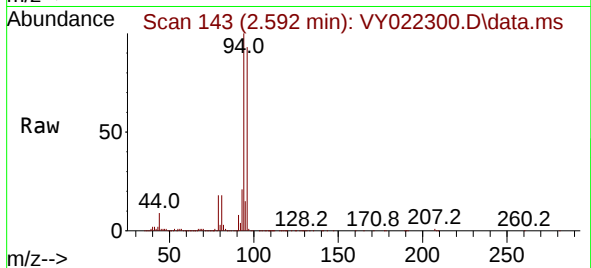




#5
Bromomethane
Concen: 73.583 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

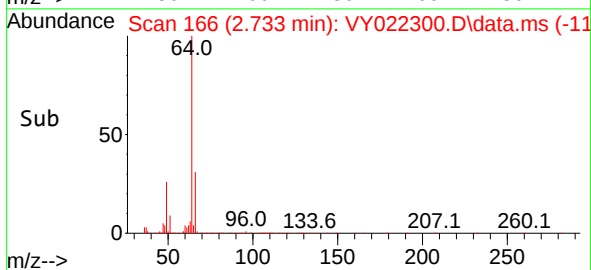
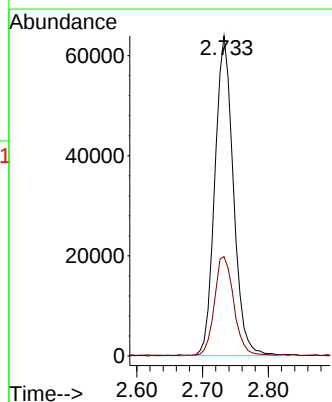
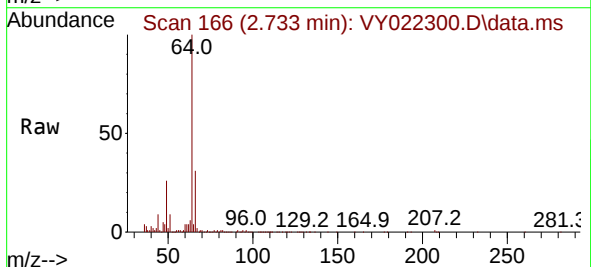
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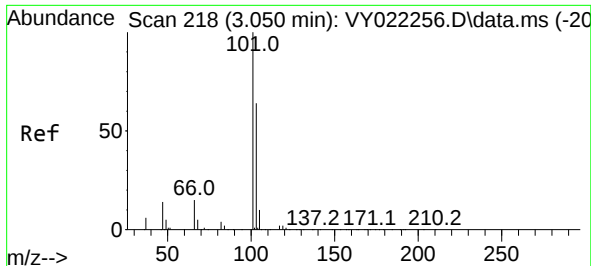
Tgt Ion: 94 Resp: 139126
Ion Ratio Lower Upper
94 100
96 93.2 73.4 110.0



#6
Chloroethane
Concen: 86.619 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 64 Resp: 125160
Ion Ratio Lower Upper
64 100
66 30.7 24.8 37.2

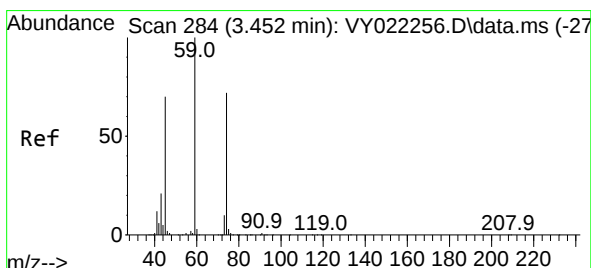
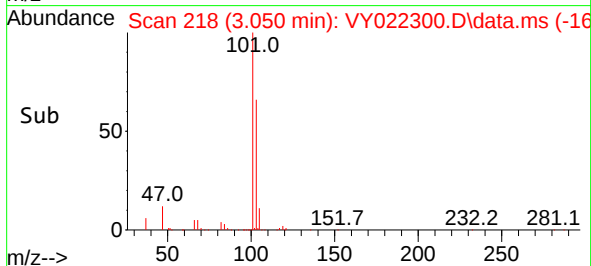
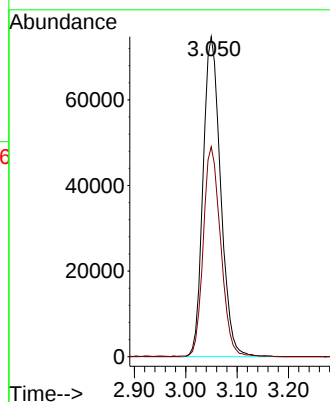
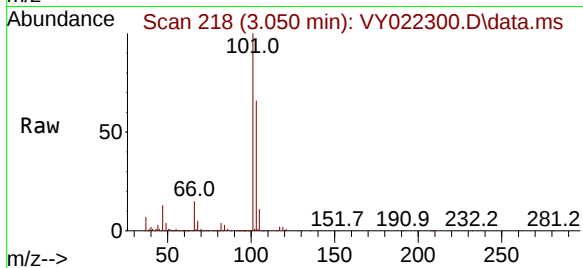




#7
 Trichlorofluoromethane
 Concen: 75.387 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY022300.D
 Acq: 16 May 2025 18:44

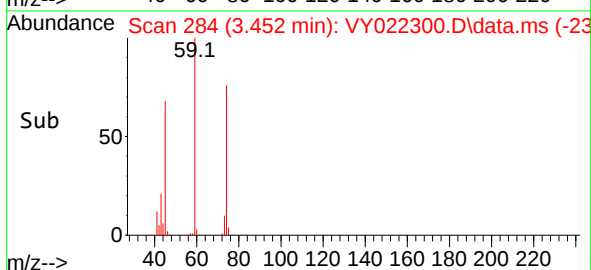
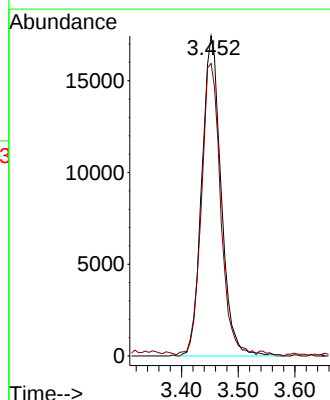
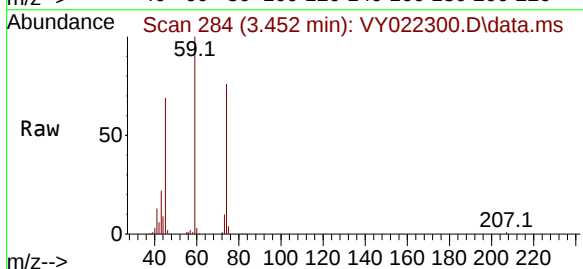
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MSD

Tgt Ion:101 Resp: 177278
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.7 77.5



#8
 Diethyl Ether
 Concen: 72.802 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY022300.D
 Acq: 16 May 2025 18:44

Tgt Ion: 74 Resp: 41085
 Ion Ratio Lower Upper
 74 100
 45 90.5 48.6 145.8

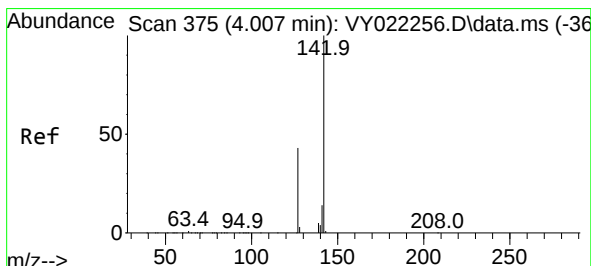
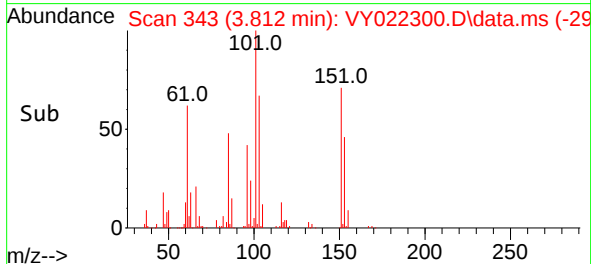
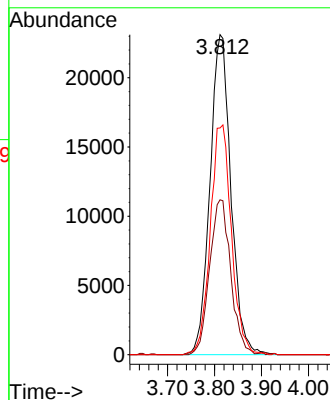
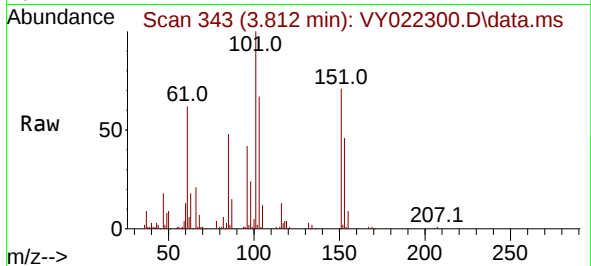




#9
1,1,2-Trichlorotrifluoroethane
Concen: 70.056 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022300.D
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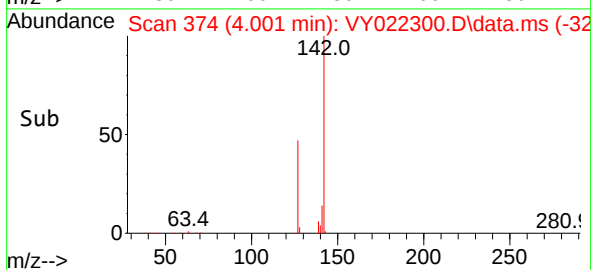
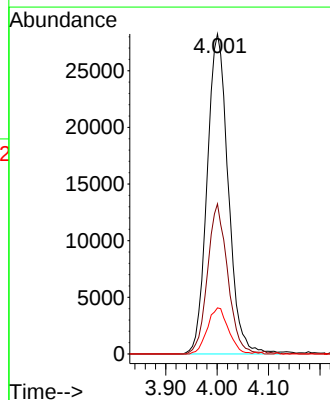
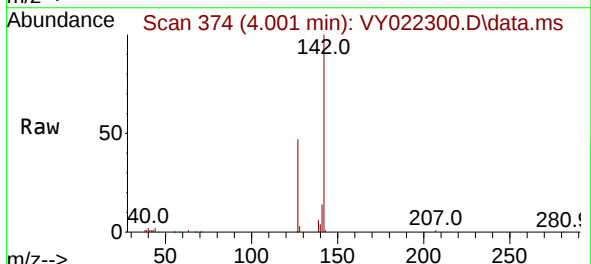
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ClientSampleId :
TP-24MSD

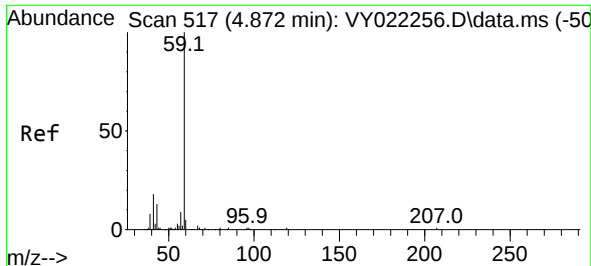
Tgt Ion:101 Resp: 71519
Ion Ratio Lower Upper
101 100
85 48.8 38.6 58.0
151 72.4 59.7 89.5



#10
Methyl Iodide
Concen: 68.203 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion:142 Resp: 80587
Ion Ratio Lower Upper
142 100
127 44.8 35.7 53.5
141 14.4 11.1 16.7

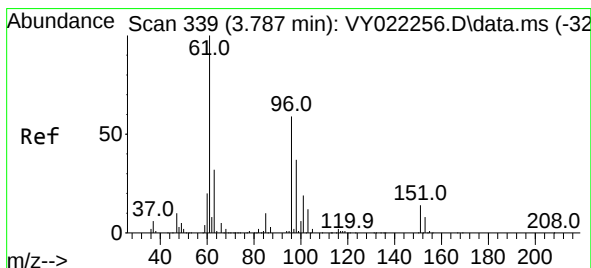
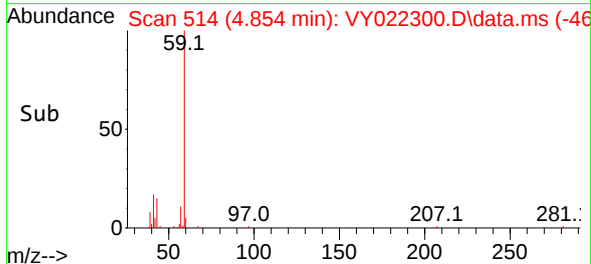
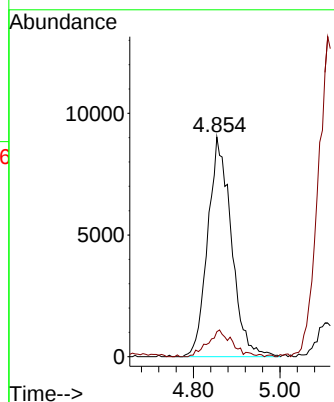
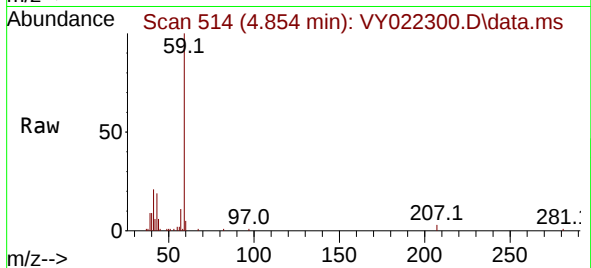




#11
Tert butyl alcohol
Concen: 432.821 ug/l
RT: 4.854 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

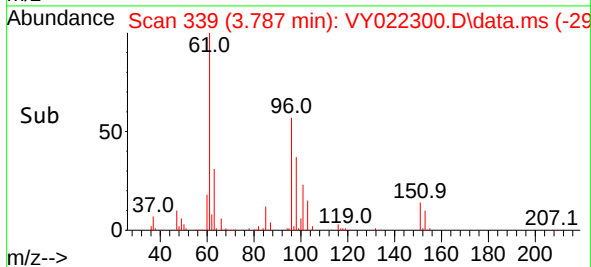
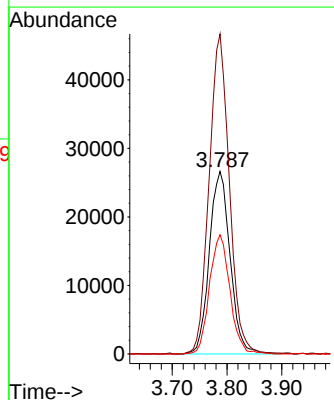
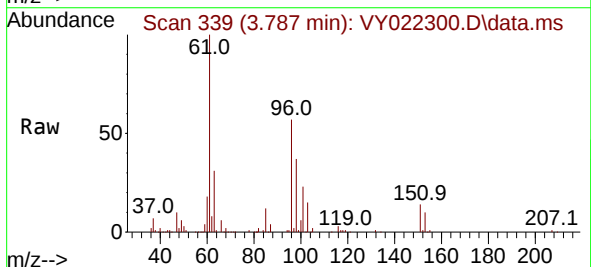
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

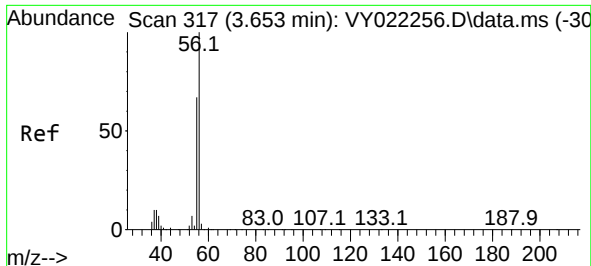
Tgt Ion: 59 Resp: 34212
Ion Ratio Lower Upper
59 100
57 12.4 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 69.193 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 96 Resp: 70099
Ion Ratio Lower Upper
96 100
61 175.3 134.9 202.3
98 65.3 49.9 74.9





#13

Acrolein

Concen: 278.585 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

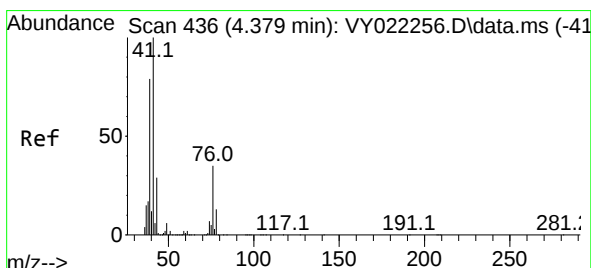
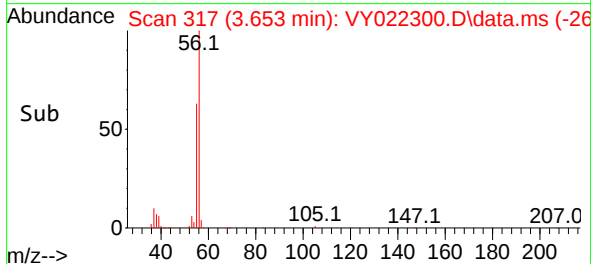
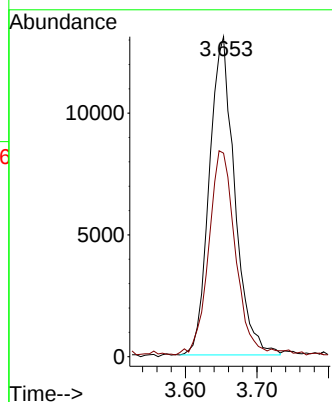
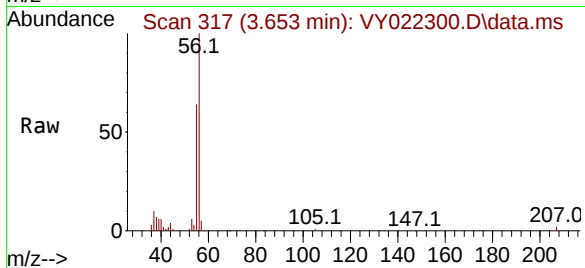
TP-24MSD

Tgt Ion: 56 Resp: 32192

Ion Ratio Lower Upper

56 100

55 68.5 55.6 83.4



#14

Allyl chloride

Concen: 61.860 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

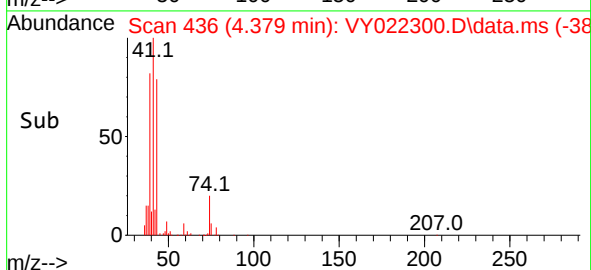
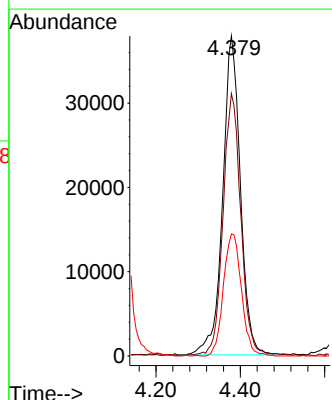
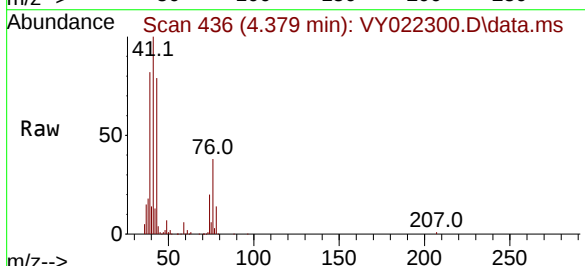
Tgt Ion: 41 Resp: 109886

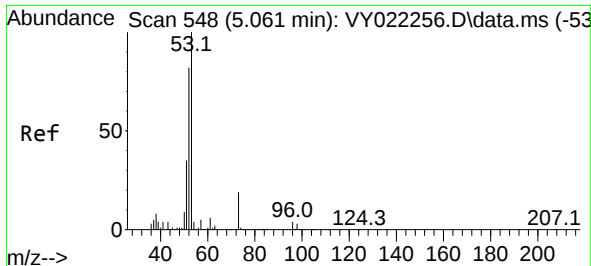
Ion Ratio Lower Upper

41 100

39 83.0 63.4 95.0

76 39.1 29.5 44.3

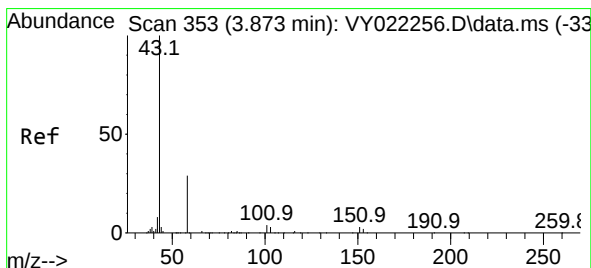
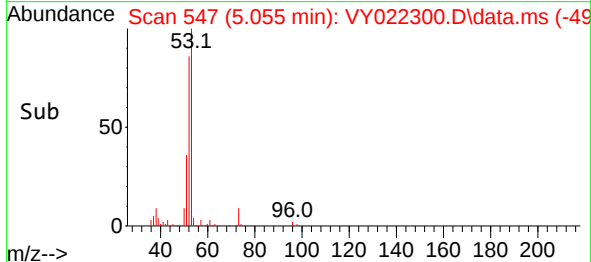
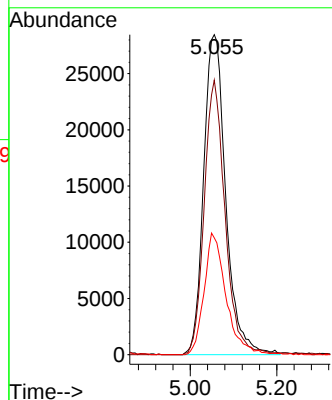
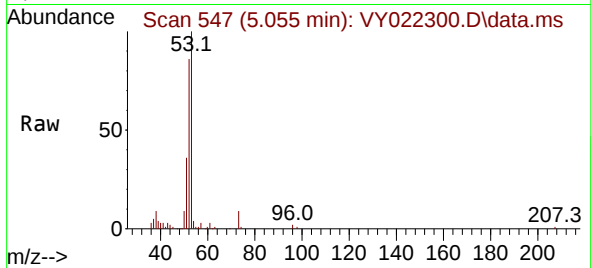




#15
Acrylonitrile
Concen: 434.433 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

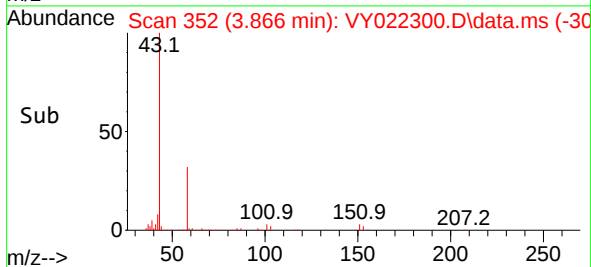
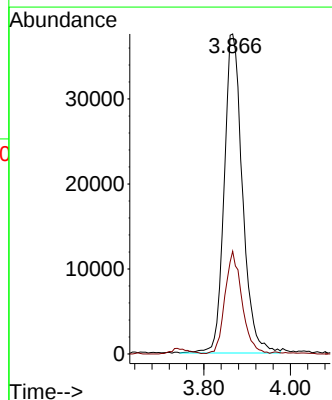
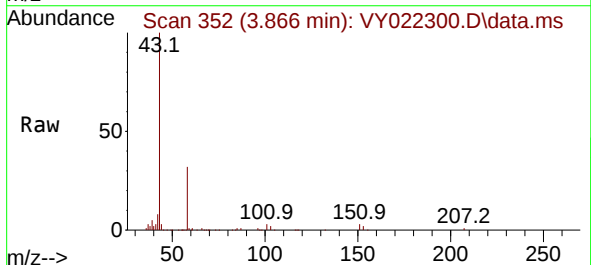
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

Tgt Ion: 53 Resp: 101021
Ion Ratio Lower Upper
53 100
52 81.2 66.1 99.1
51 37.6 30.0 45.0



#16
Acetone
Concen: 568.822 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 43 Resp: 110402
Ion Ratio Lower Upper
43 100
58 31.8 23.6 35.4

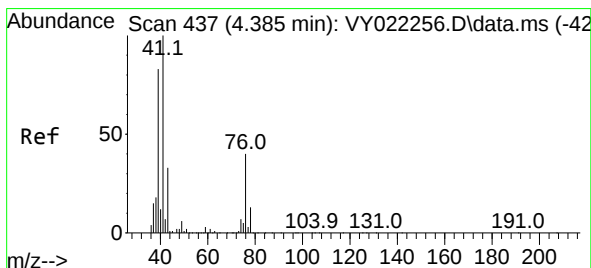
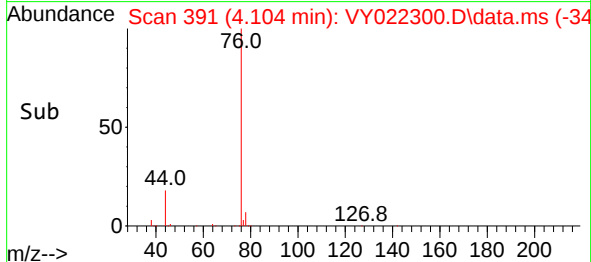
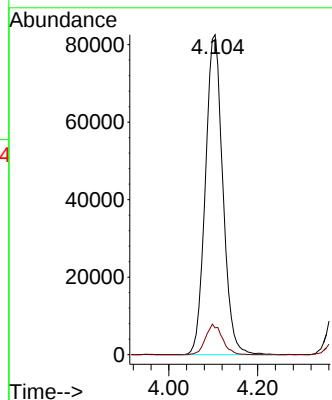
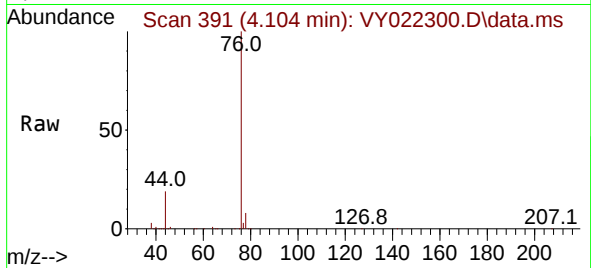




#17
Carbon Disulfide
Concen: 68.277 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

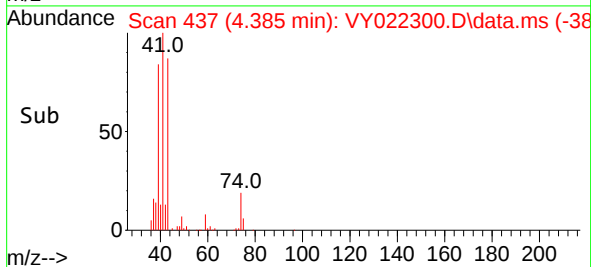
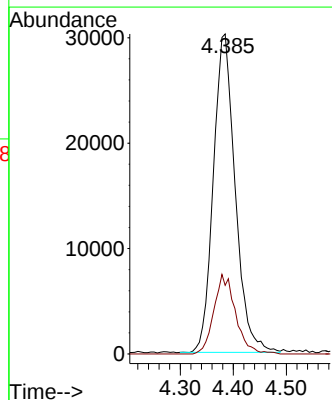
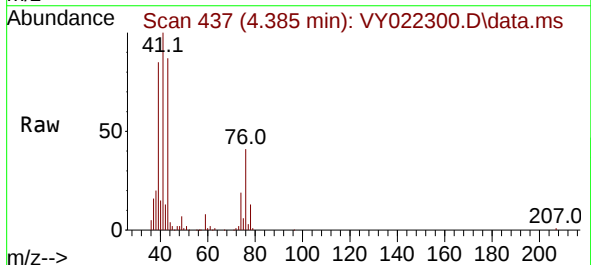
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

Tgt Ion: 76 Resp: 225561
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 141.329 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 43 Resp: 86486
Ion Ratio Lower Upper
43 100
74 24.8 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 74.110 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

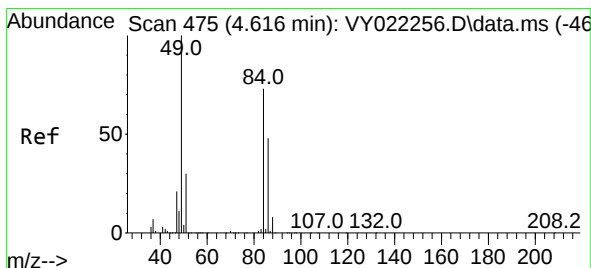
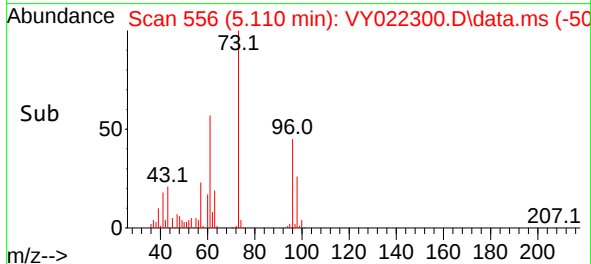
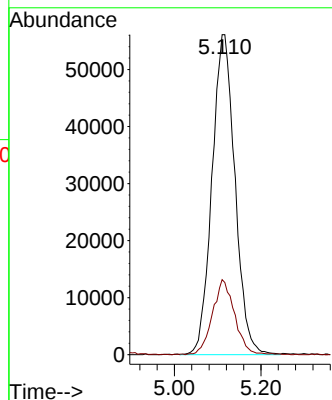
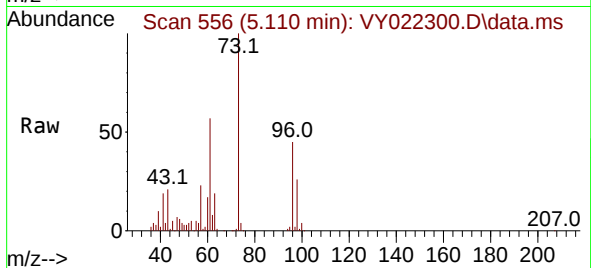
TP-24MSD

Tgt Ion: 73 Resp: 207018

Ion Ratio Lower Upper

73 100

57 23.3 18.6 28.0



#20

Methylene Chloride

Concen: 64.740 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Tgt Ion: 84 Resp: 81192

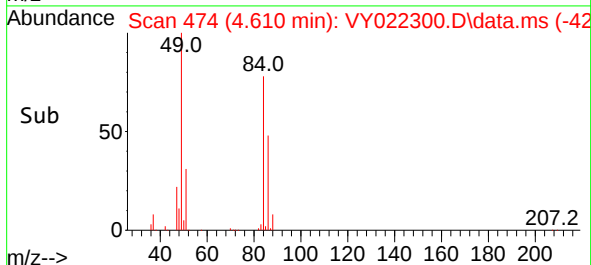
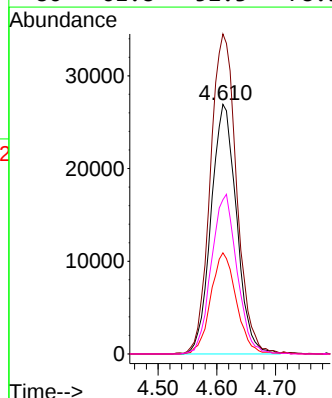
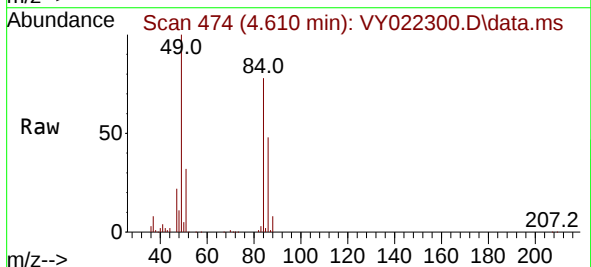
Ion Ratio Lower Upper

84 100

49 127.8 109.6 164.4

51 40.5 32.4 48.6

86 61.8 52.3 78.5

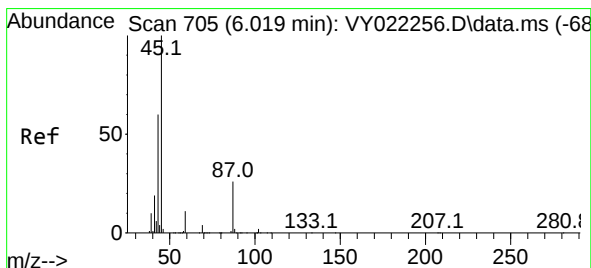
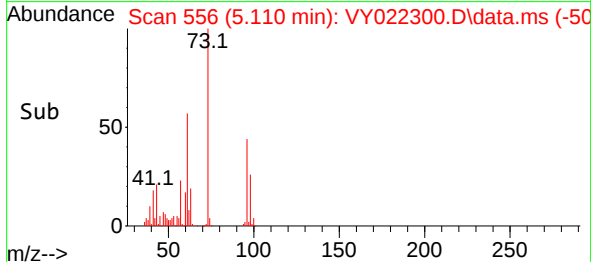
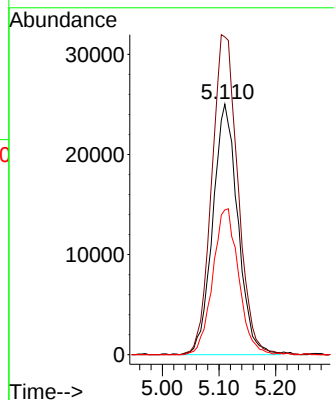
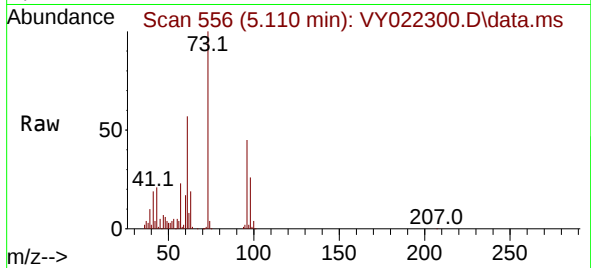




#21
trans-1,2-Dichloroethene
Concen: 68.757 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

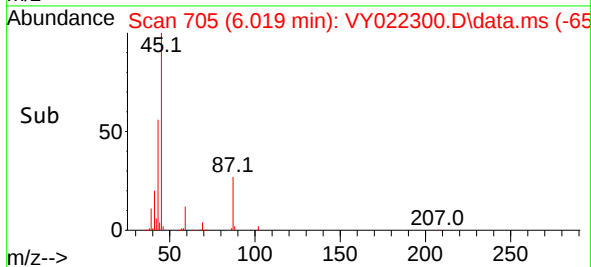
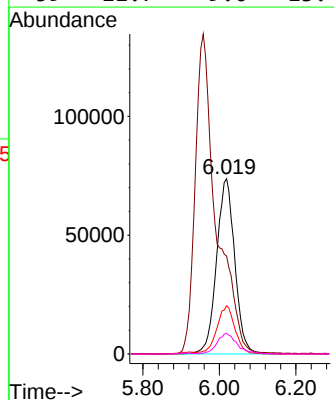
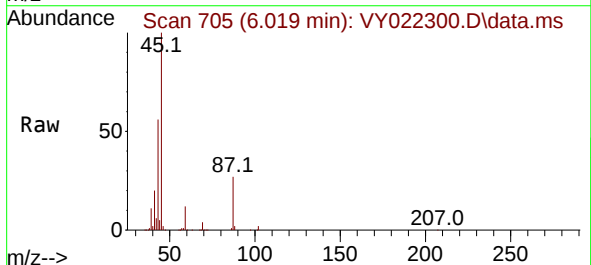
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

Tgt Ion: 96 Resp: 76886
Ion Ratio Lower Upper
96 100
61 126.9 113.4 170.0
98 57.8 50.9 76.3



#22
Diisopropyl ether
Concen: 65.039 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 45 Resp: 243981
Ion Ratio Lower Upper
45 100
43 55.3 48.2 72.2
87 27.5 21.4 32.0
59 11.7 9.0 13.4

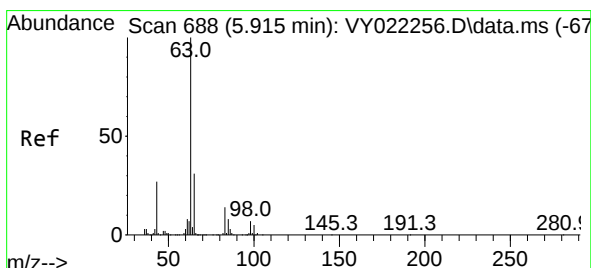
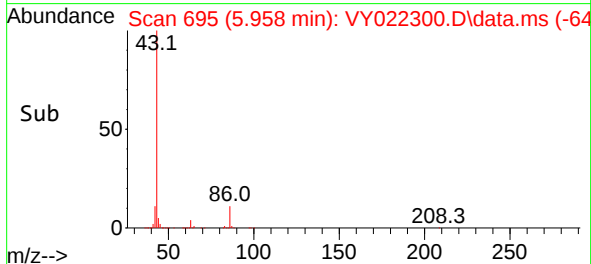
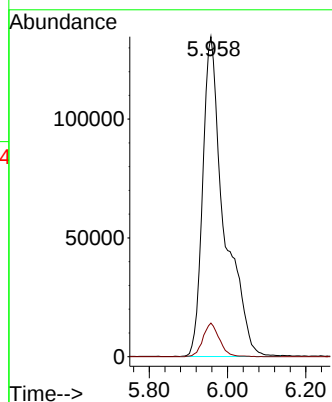
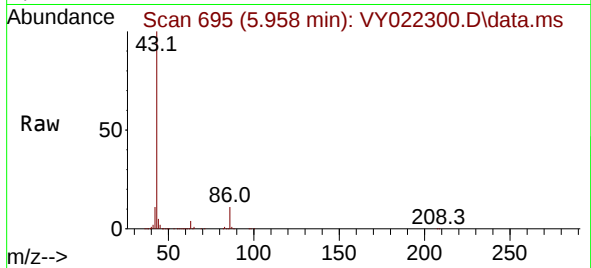




#23
 Vinyl Acetate
 Concen: 226.809 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022300.D
 Acq: 16 May 2025 18:44

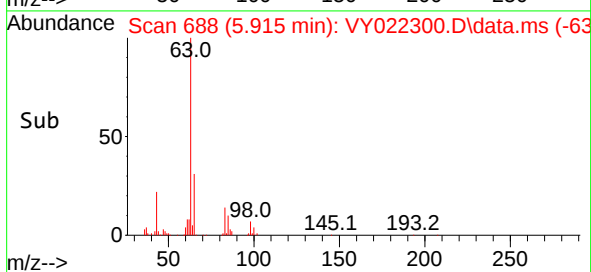
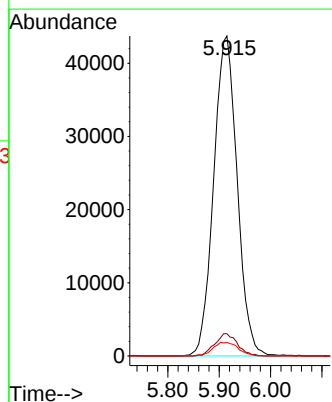
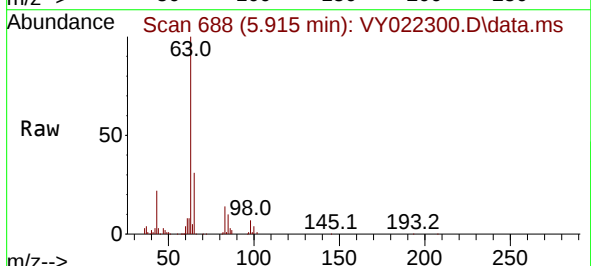
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MSD

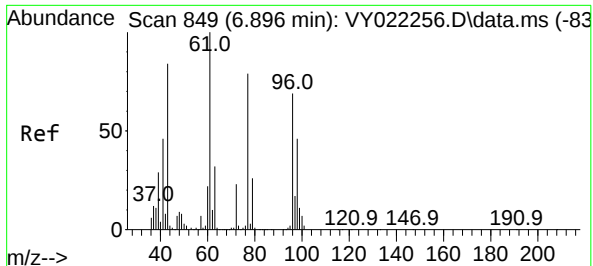
Tgt Ion: 43 Resp: 514015
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 66.218 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022300.D
 Acq: 16 May 2025 18:44

Tgt Ion: 63 Resp: 138777
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.2 2.4 7.2

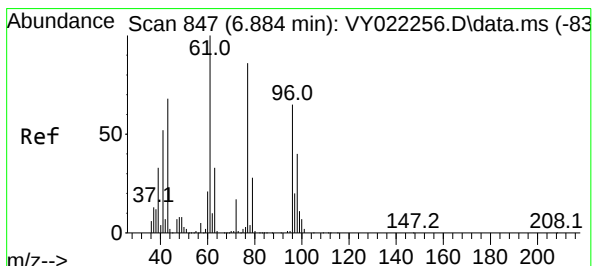
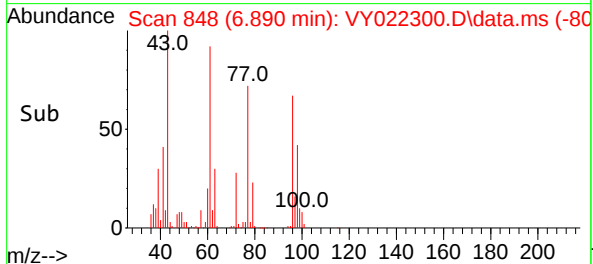
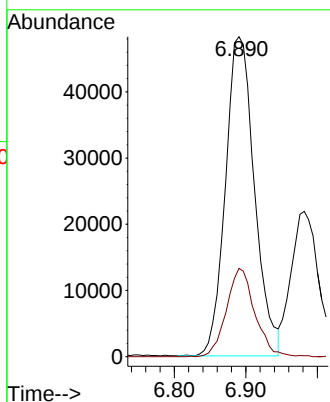
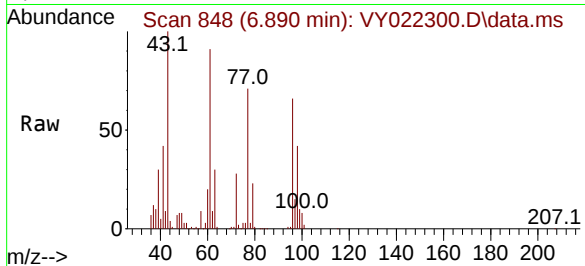




#25
2-Butanone
Concen: 420.273 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

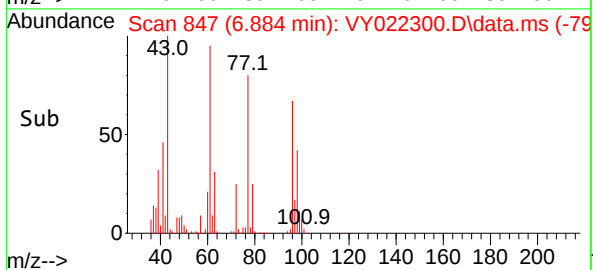
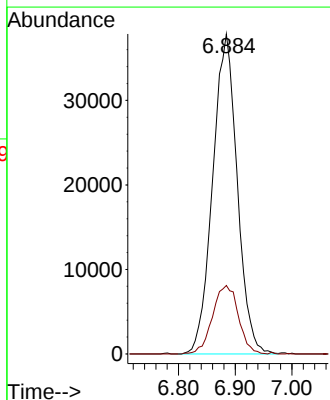
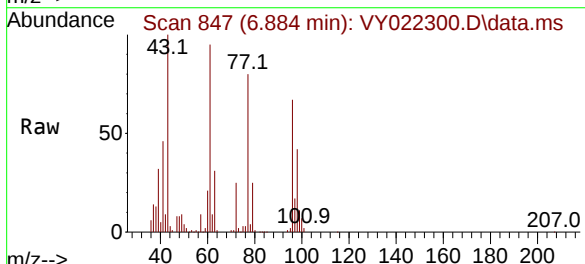
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

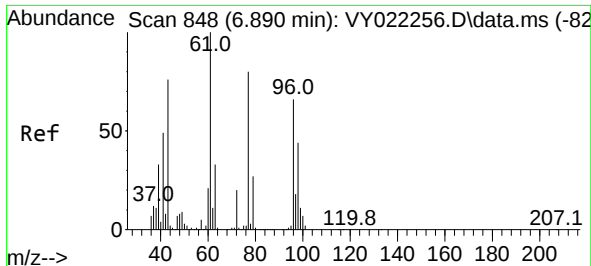
Tgt Ion: 43 Resp: 136443
Ion Ratio Lower Upper
43 100
72 27.7 22.1 33.1



#26
2,2-Dichloropropane
Concen: 61.016 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 77 Resp: 113737
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.5

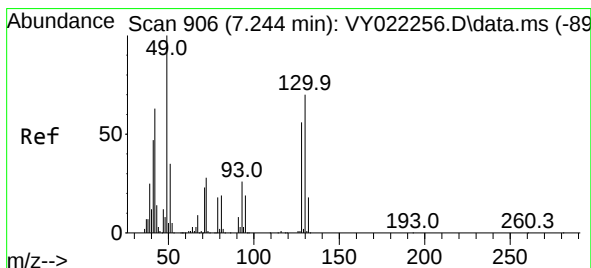
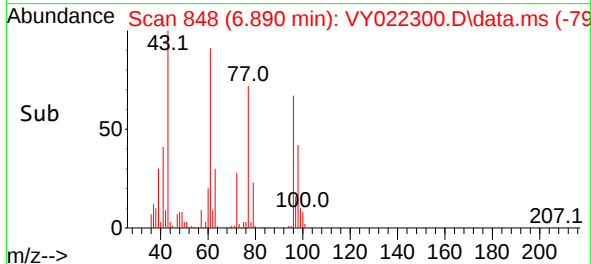
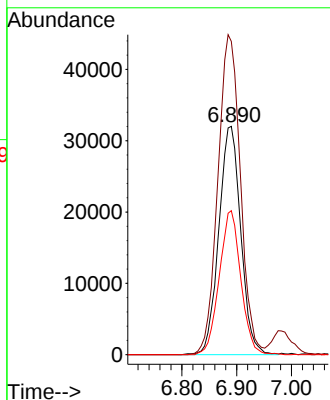
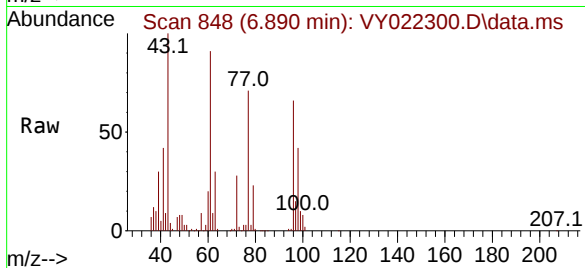




#27
 cis-1,2-Dichloroethene
 Concen: 69.044 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY022300.D
 Acq: 16 May 2025 18:44

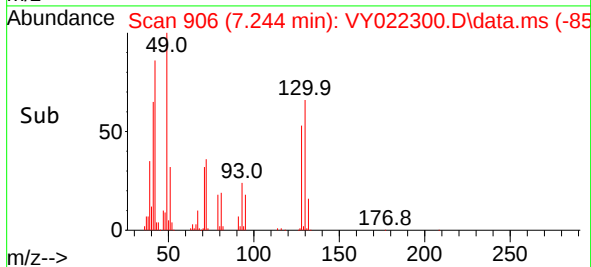
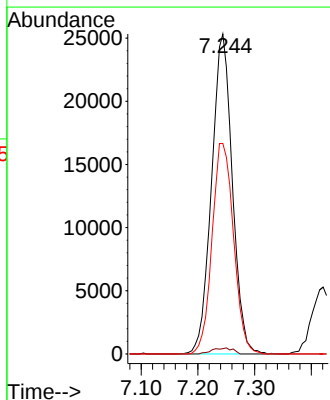
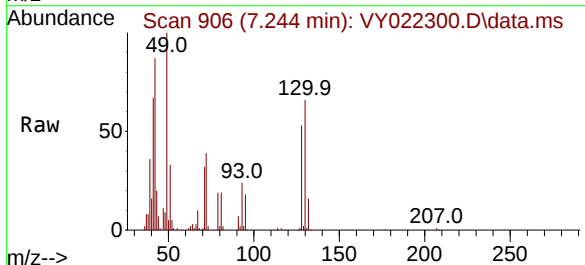
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MSD

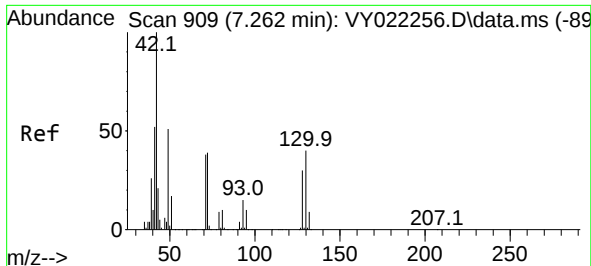
Tgt Ion: 96 Resp: 89095
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 302.6
 98 61.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 72.005 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022300.D
 Acq: 16 May 2025 18:44

Tgt Ion: 49 Resp: 64368
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 68.2 54.7 82.1





#29

Tetrahydrofuran

Concen: 429.566 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

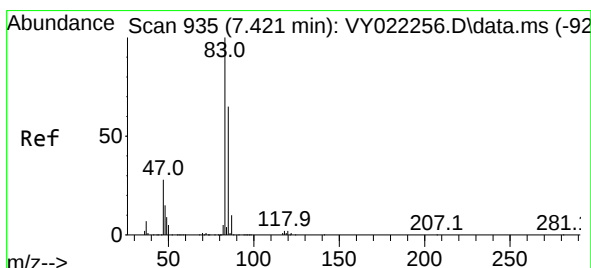
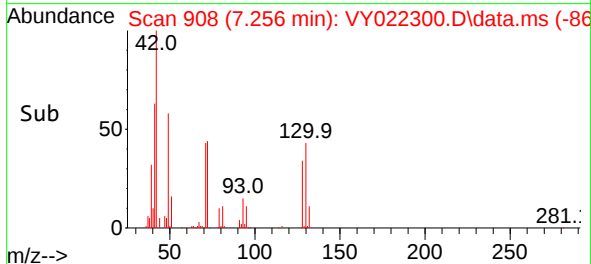
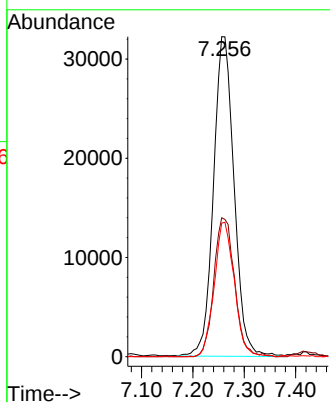
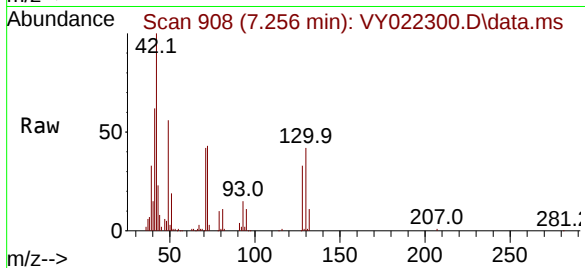
Tgt Ion: 42 Resp: 89722

Ion Ratio Lower Upper

42 100

72 43.7 33.8 50.6

71 41.0 31.5 47.3



#30

Chloroform

Concen: 68.256 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY022300.D

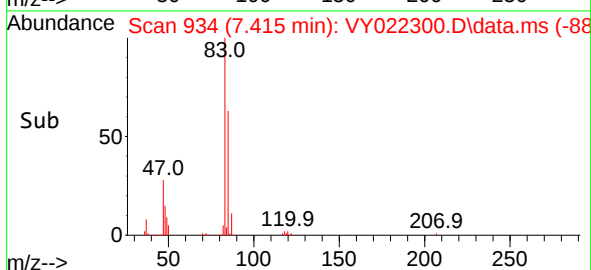
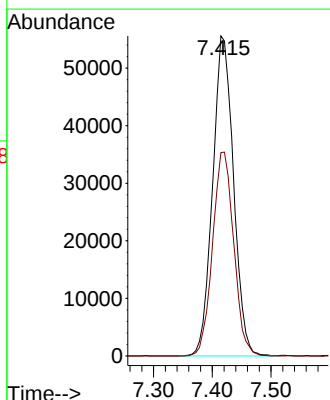
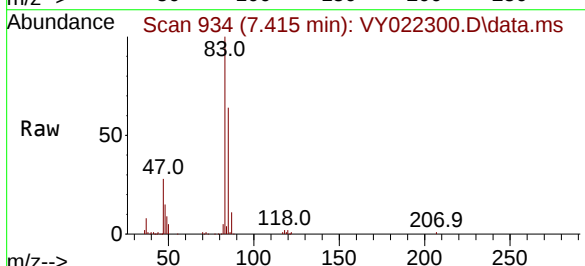
Acq: 16 May 2025 18:44

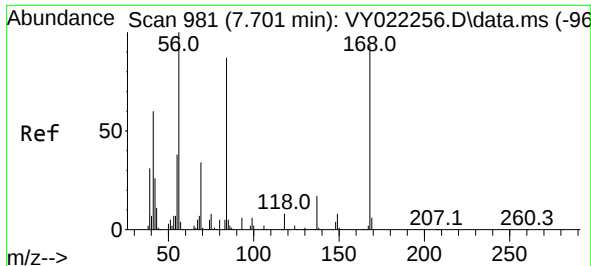
Tgt Ion: 83 Resp: 137210

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.8

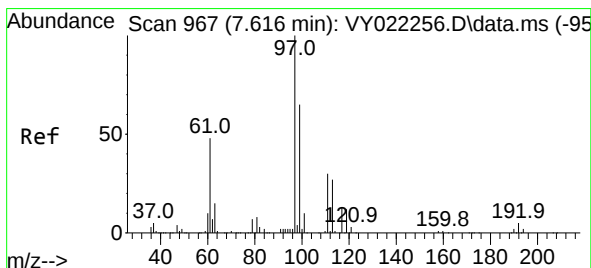
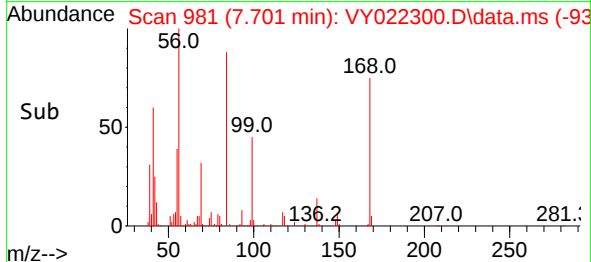
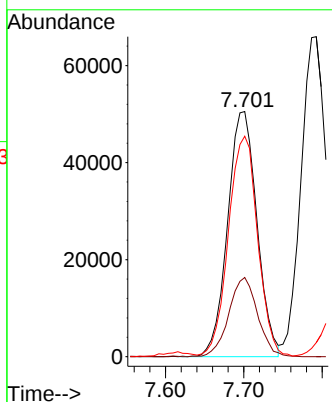
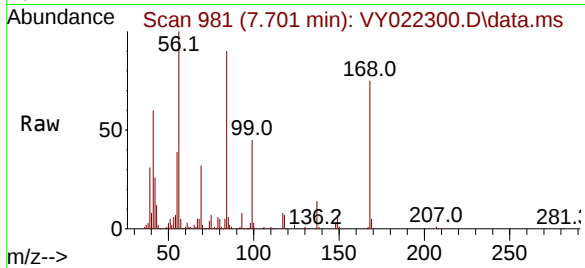




#31
Cyclohexane
Concen: 62.787 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

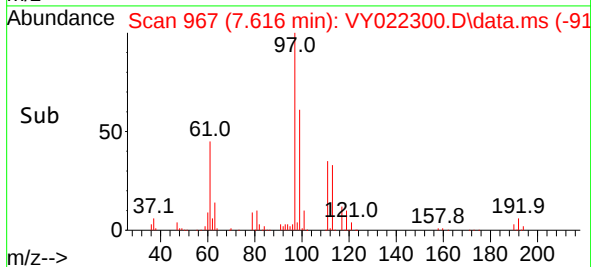
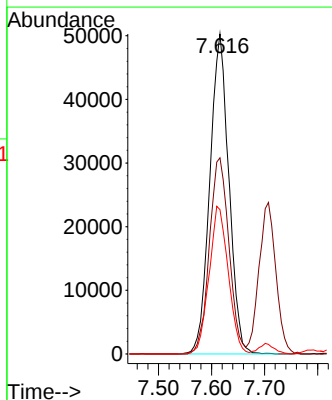
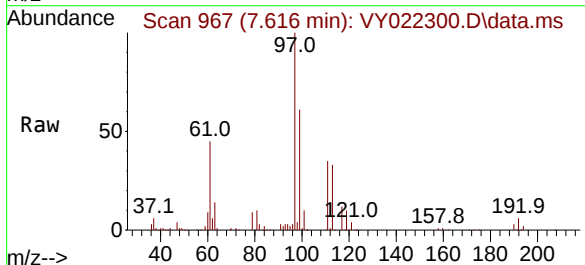
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

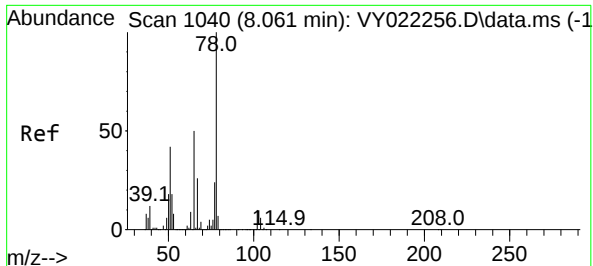
Tgt Ion: 56 Resp: 131474
Ion Ratio Lower Upper
56 100
69 32.2 27.4 41.2
84 88.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 67.932 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 97 Resp: 125286
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.0
61 46.6 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 74.835 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

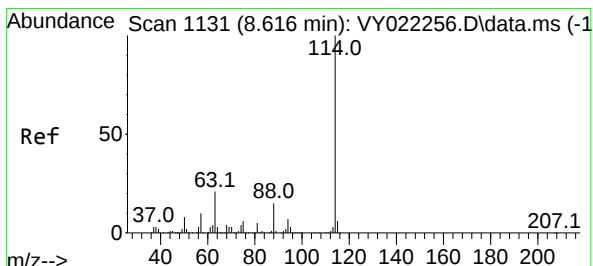
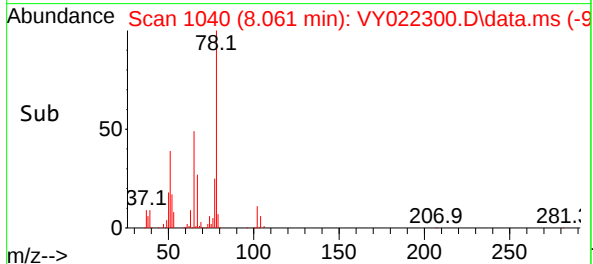
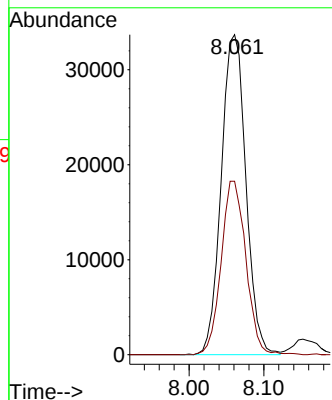
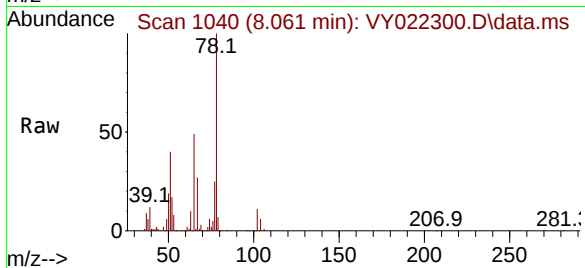
TP-24MSD

Tgt Ion: 65 Resp: 77462

Ion Ratio Lower Upper

65 100

67 54.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

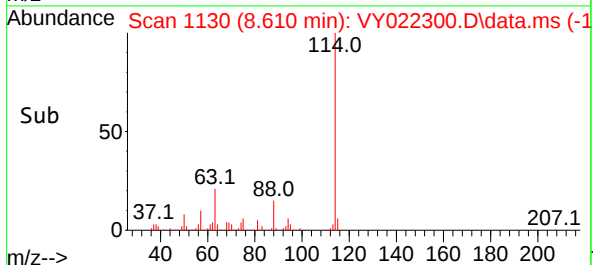
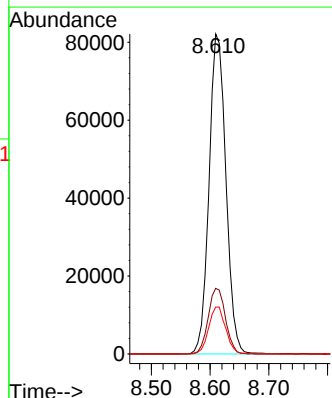
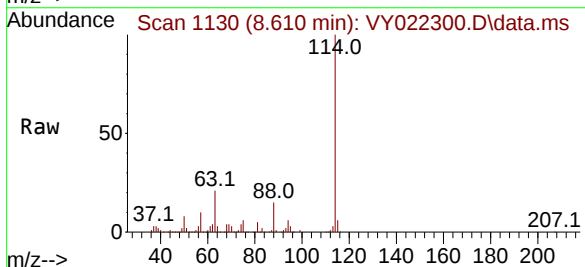
Tgt Ion: 114 Resp: 163805

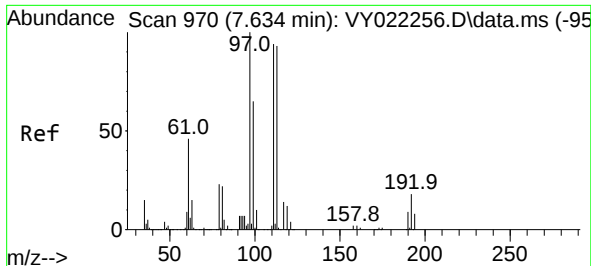
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

88 14.6 0.0 29.4

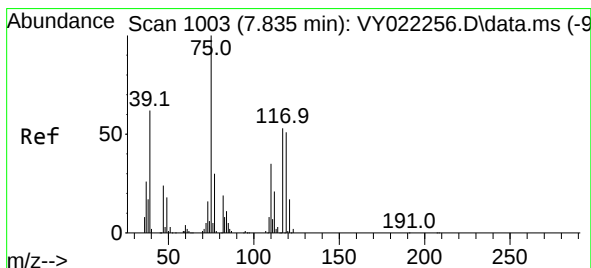
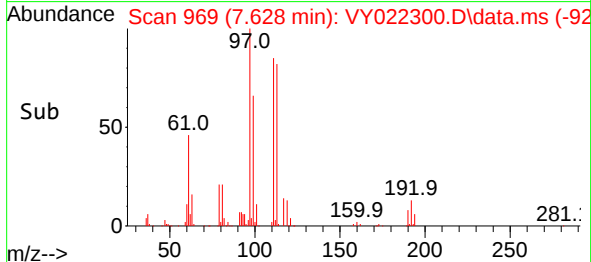
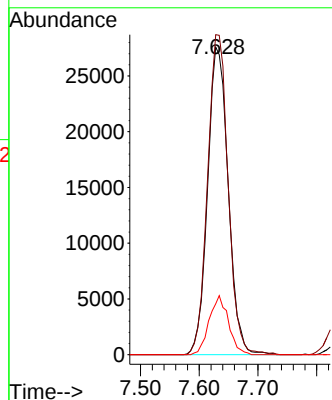
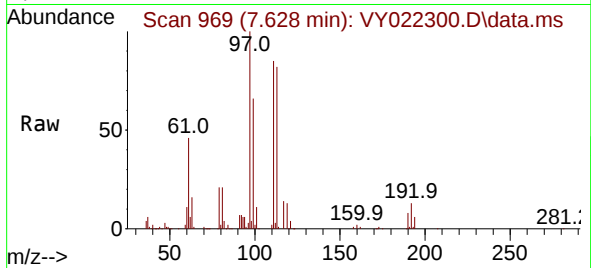




#35
Dibromofluoromethane
Concen: 68.800 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

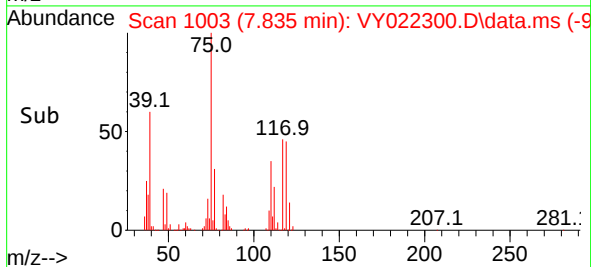
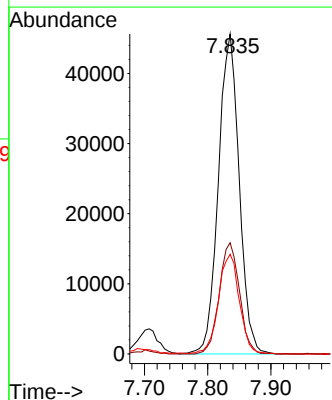
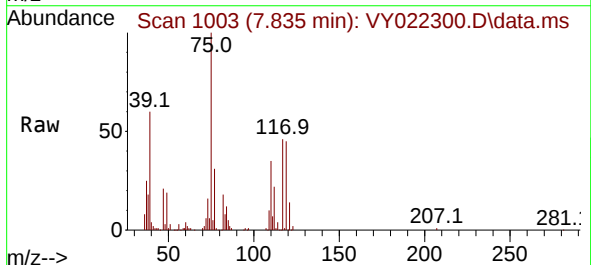
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

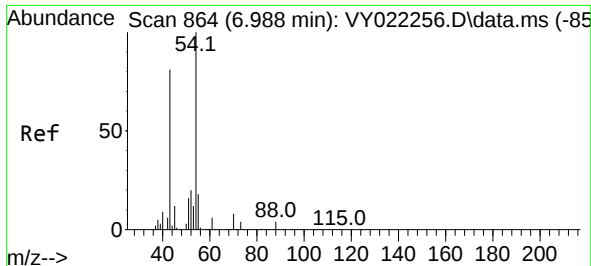
Tgt Ion:113 Resp: 67265
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 18.0 15.2 22.8



#36
1,1-Dichloropropene
Concen: 64.565 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 75 Resp: 103972
Ion Ratio Lower Upper
75 100
110 33.8 16.6 49.8
77 31.4 24.6 37.0





#37

Ethyl Acetate

Concen: 77.833 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

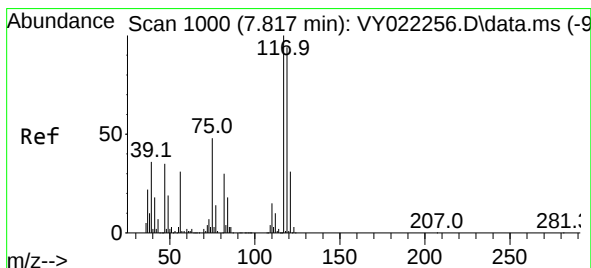
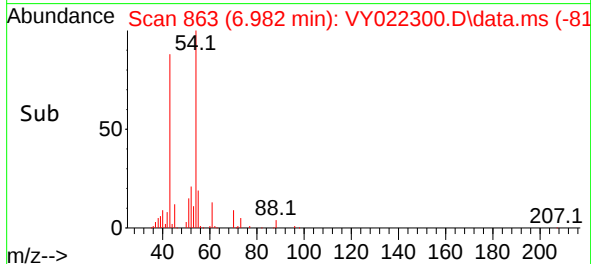
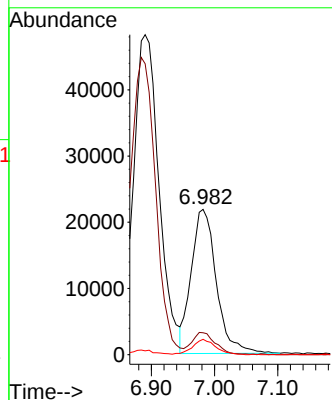
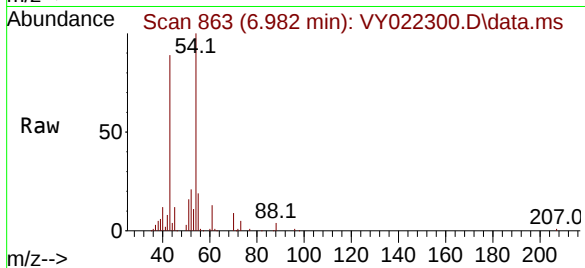
Tgt Ion: 43 Resp: 60307

Ion Ratio Lower Upper

43 100

61 14.4 10.2 15.2

70 9.7 7.6 11.4



#38

Carbon Tetrachloride

Concen: 63.368 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

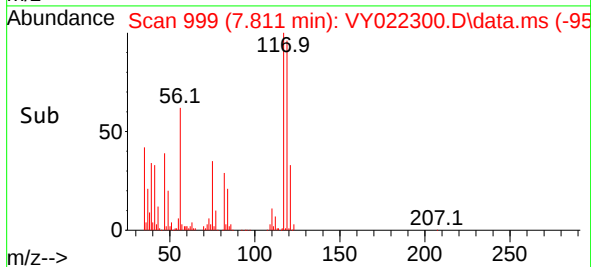
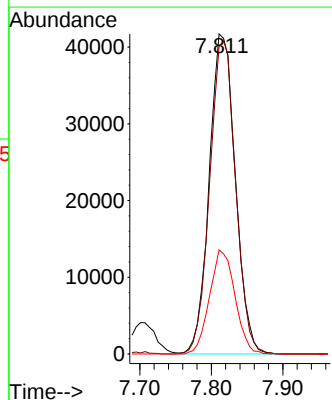
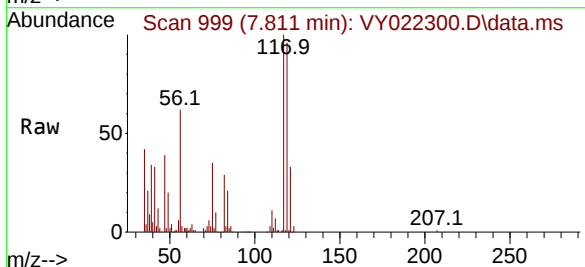
Tgt Ion: 117 Resp: 105629

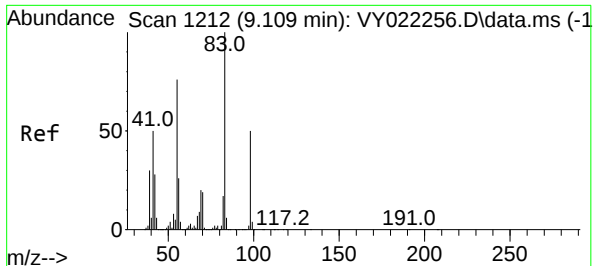
Ion Ratio Lower Upper

117 100

119 96.0 75.3 112.9

121 32.5 24.7 37.1





#39

Methylcyclohexane

Concen: 63.480 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

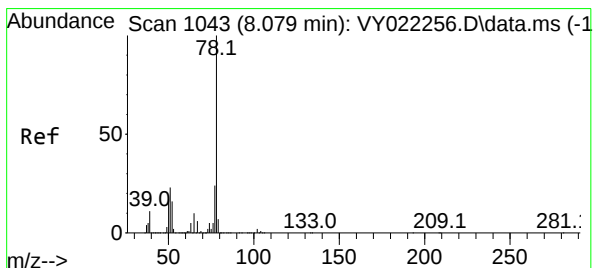
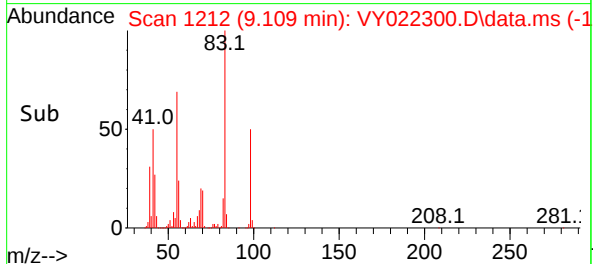
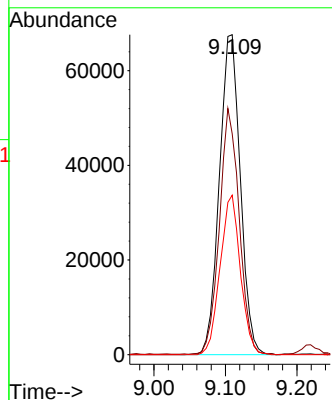
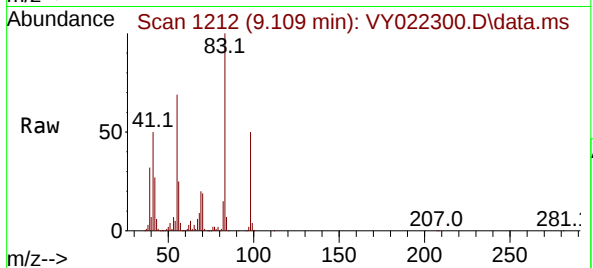
Tgt Ion: 83 Resp: 137340

Ion Ratio Lower Upper

83 100

55 68.9 60.6 90.8

98 49.9 40.0 60.0



#40

Benzene

Concen: 65.025 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022300.D

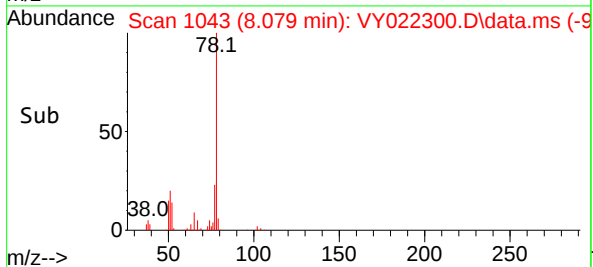
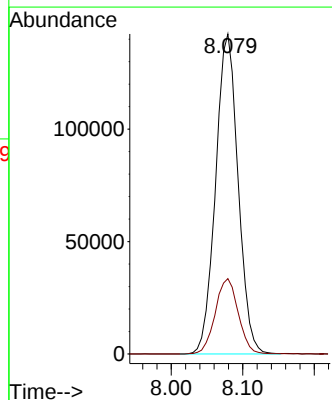
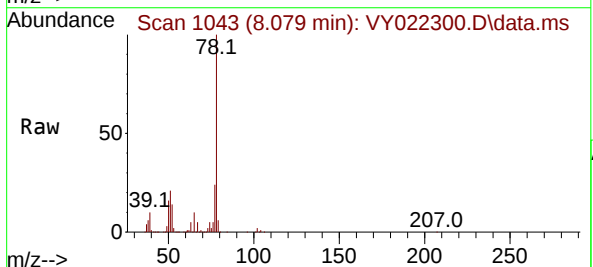
Acq: 16 May 2025 18:44

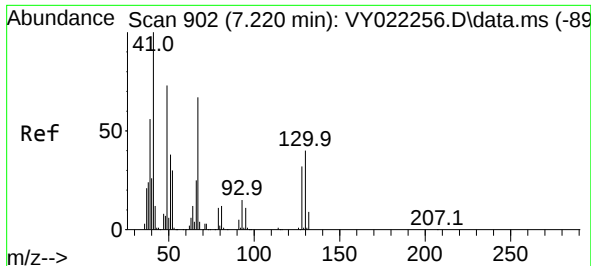
Tgt Ion: 78 Resp: 310424

Ion Ratio Lower Upper

78 100

77 23.5 18.9 28.3

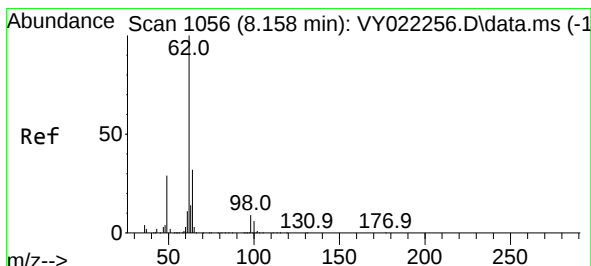
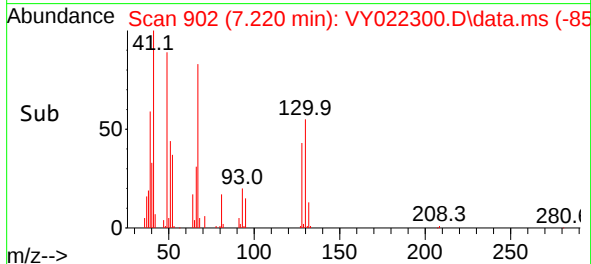
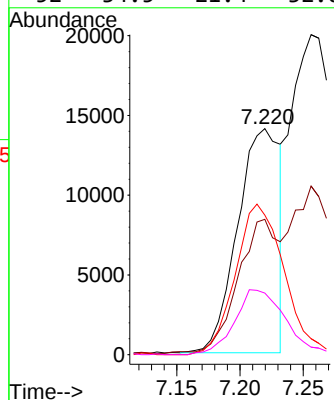
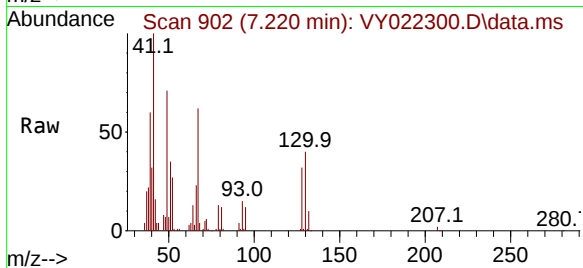




#41
Methacrylonitrile
Concen: 63.887 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

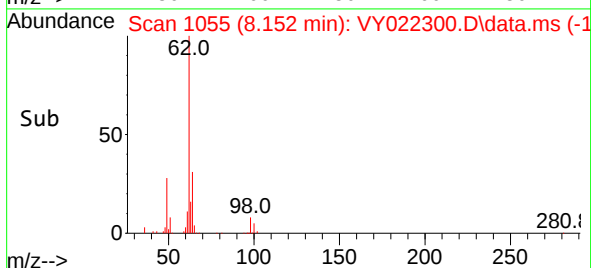
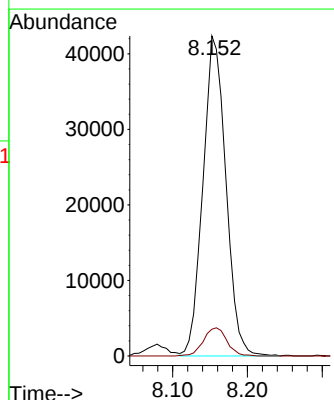
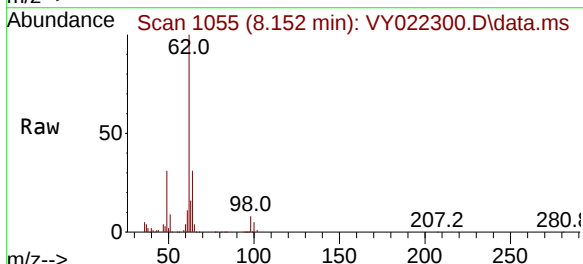
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

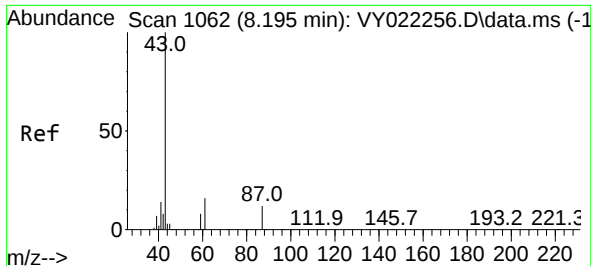
Tgt Ion: 41 Resp: 32836
Ion Ratio Lower Upper
41 100
39 57.5 39.1 58.7
67 77.7 47.1 70.7#
52 34.5 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 70.050 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 62 Resp: 90434
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.4

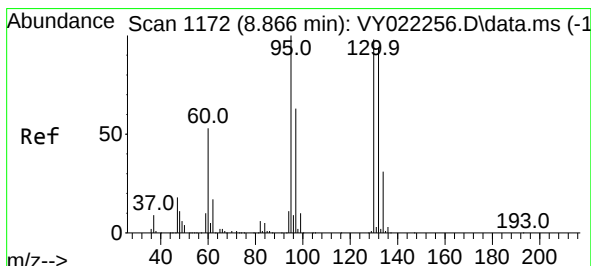
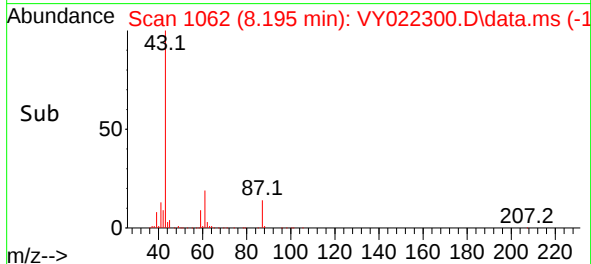
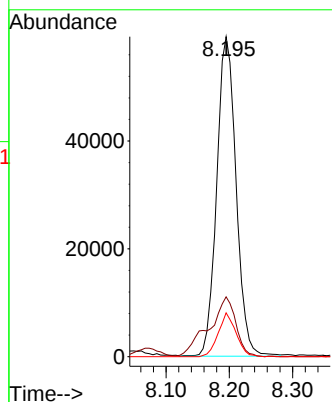
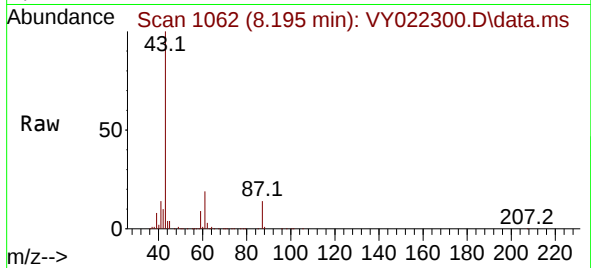




#43
Isopropyl Acetate
Concen: 74.501 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

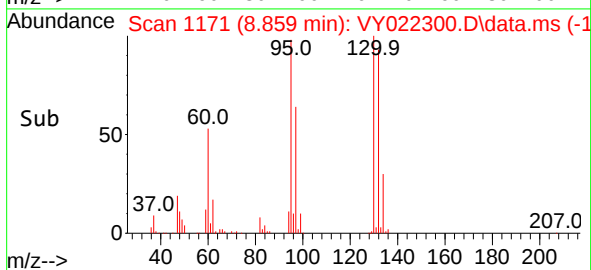
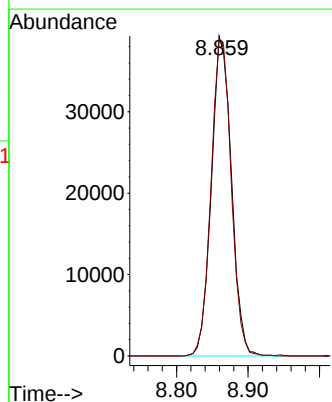
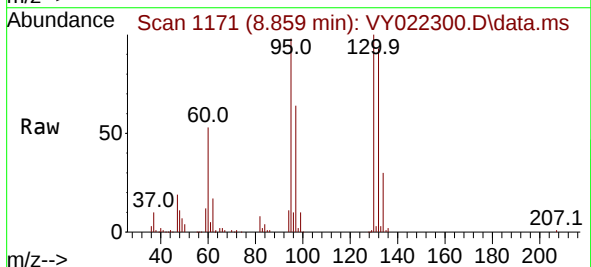
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

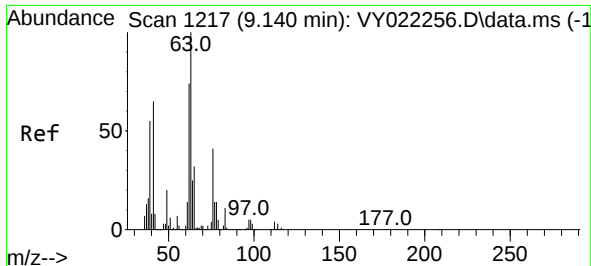
Tgt Ion: 43 Resp: 125891
Ion Ratio Lower Upper
43 100
61 26.2 15.1 22.7#
87 12.6 9.7 14.5



#44
Trichloroethene
Concen: 64.395 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion:130 Resp: 76438
Ion Ratio Lower Upper
130 100
95 98.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 64.771 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

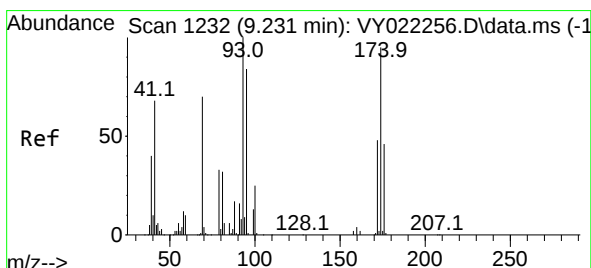
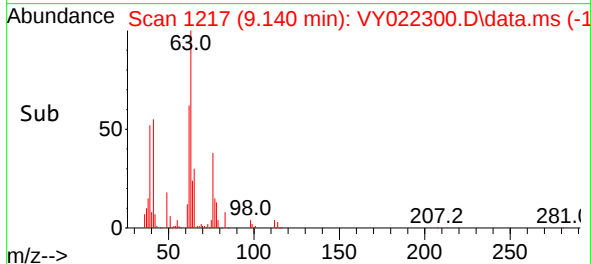
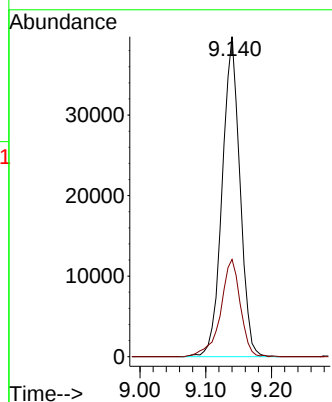
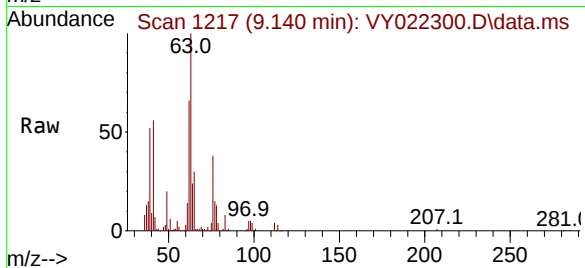
TP-24MSD

Tgt Ion: 63 Resp: 74548

Ion Ratio Lower Upper

63 100

65 30.4 25.7 38.5



#46

Dibromomethane

Concen: 72.084 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

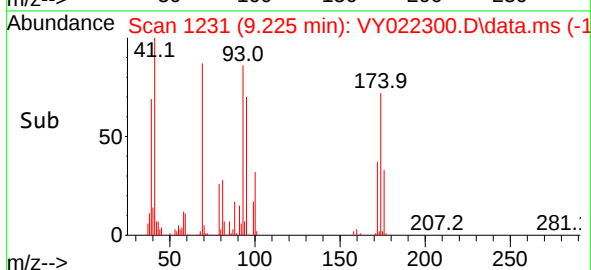
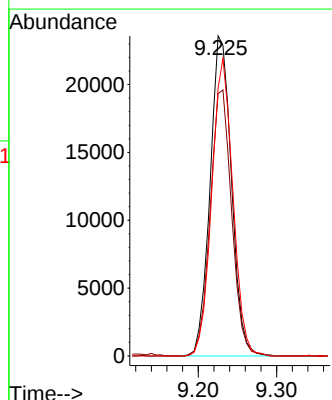
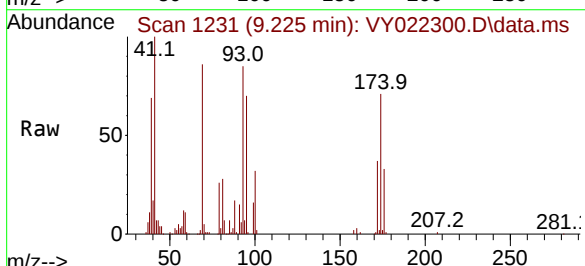
Tgt Ion: 93 Resp: 44748

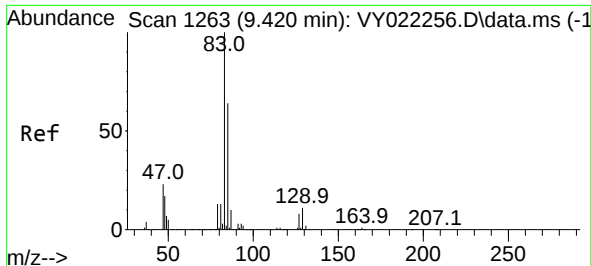
Ion Ratio Lower Upper

93 100

95 83.3 65.2 97.8

174 91.7 74.3 111.5

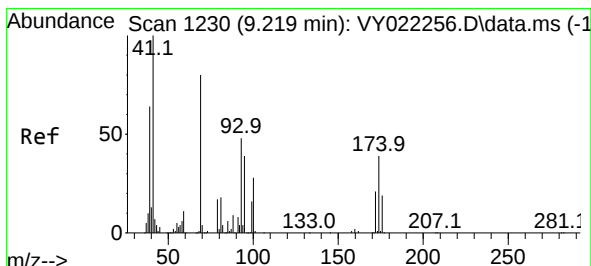
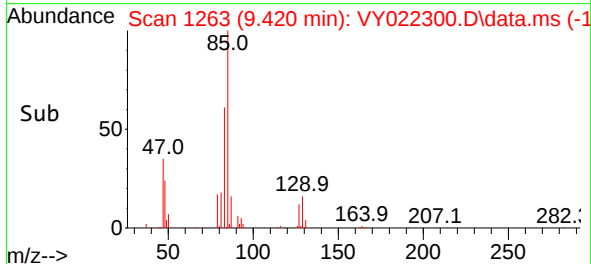
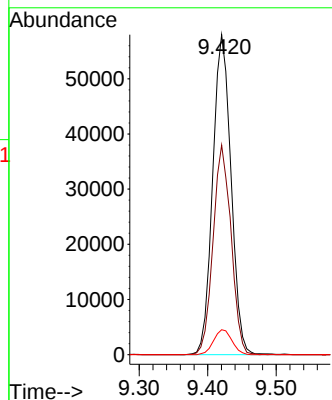
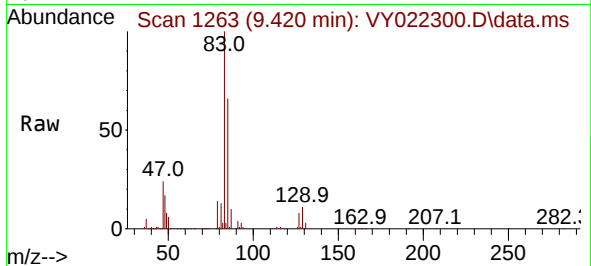




#47
Bromodichloromethane
Concen: 66.716 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

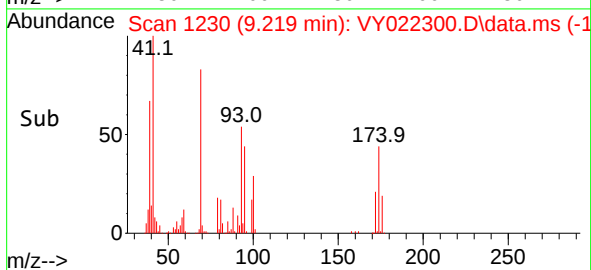
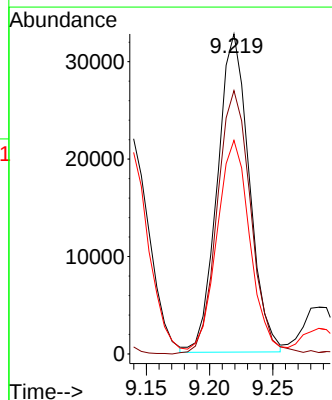
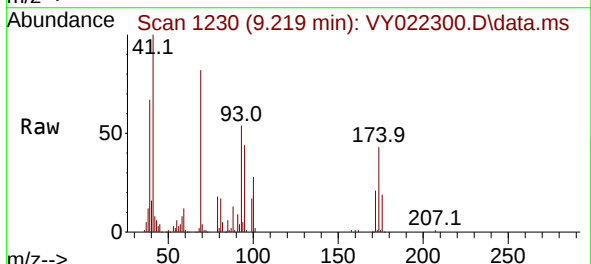
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

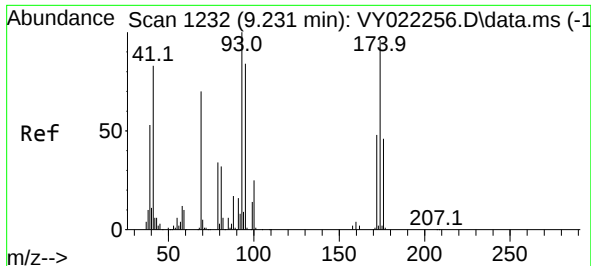
Tgt Ion: 83 Resp: 107443
Ion Ratio Lower Upper
83 100
85 65.5 51.1 76.7
127 7.8 6.6 10.0



#48
Methyl methacrylate
Concen: 72.440 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 41 Resp: 57245
Ion Ratio Lower Upper
41 100
69 87.8 63.5 95.3
39 66.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1780.285 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

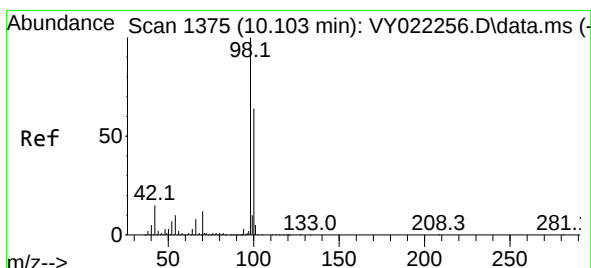
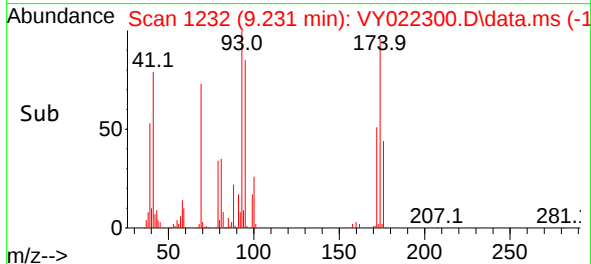
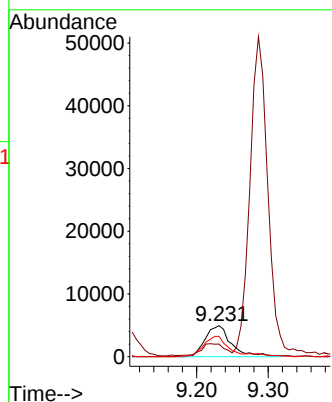
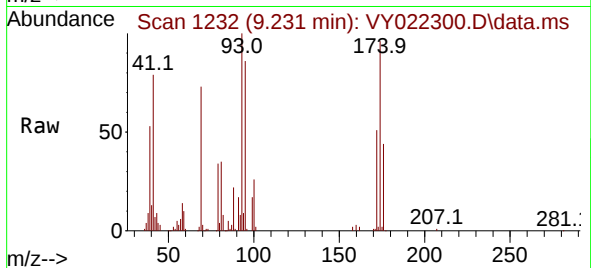
Tgt Ion: 88 Resp: 12485

Ion Ratio Lower Upper

88 100

43 33.9 28.5 42.7

58 60.8 61.4 92.2#



#50

Toluene-d8

Concen: 66.042 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022300.D

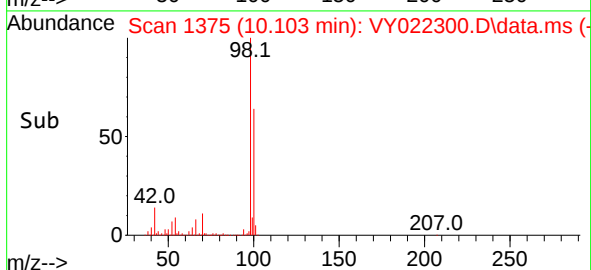
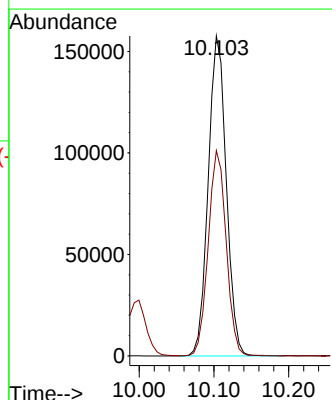
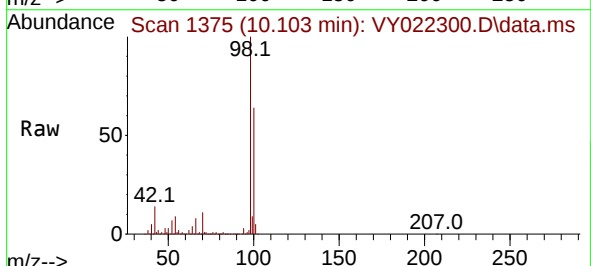
Acq: 16 May 2025 18:44

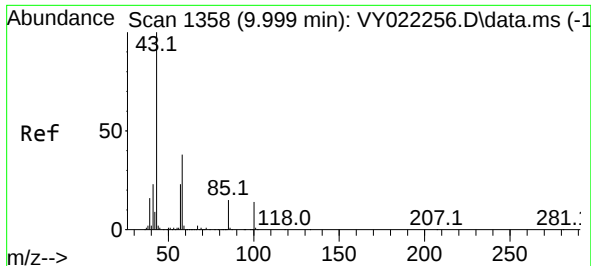
Tgt Ion: 98 Resp: 264442

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 391.523 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

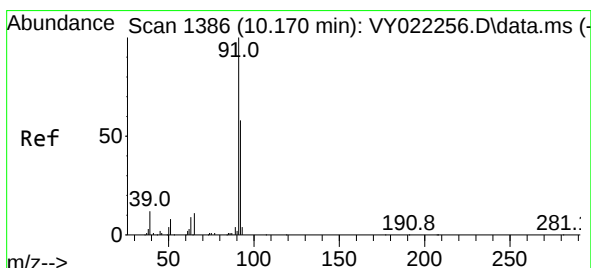
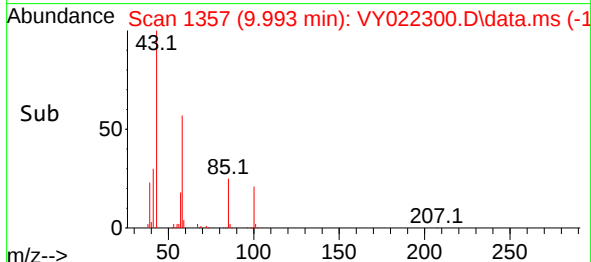
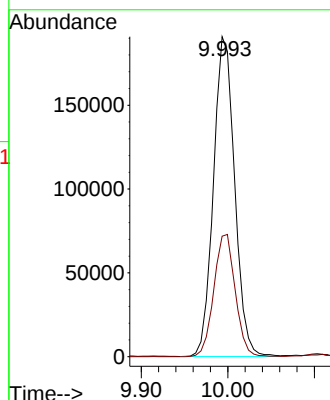
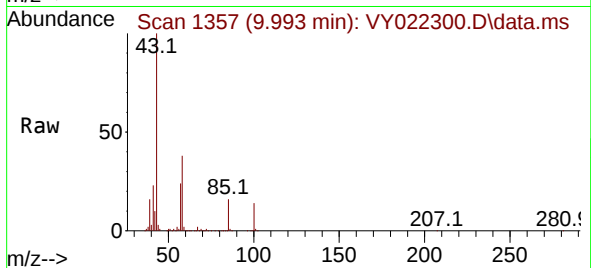
TP-24MSD

Tgt Ion: 43 Resp: 324626

Ion Ratio Lower Upper

43 100

58 38.6 29.4 44.2



#52

Toluene

Concen: 63.023 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY022300.D

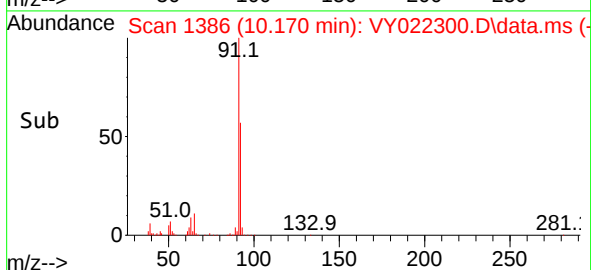
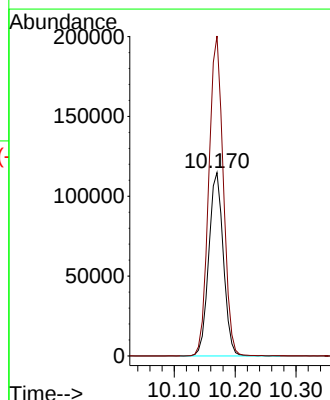
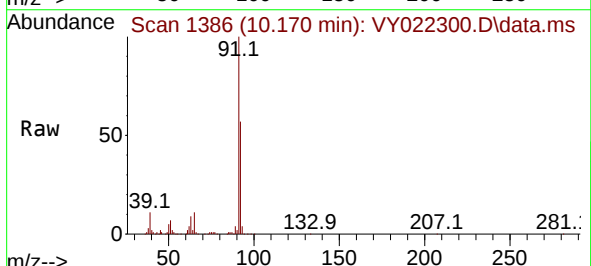
Acq: 16 May 2025 18:44

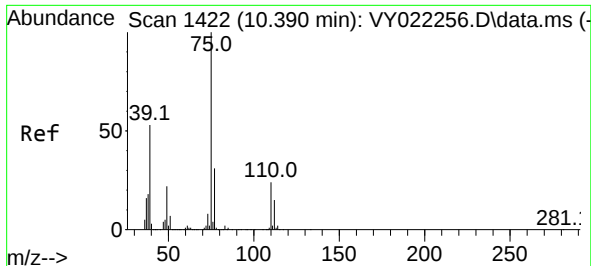
Tgt Ion: 92 Resp: 190520

Ion Ratio Lower Upper

92 100

91 173.7 139.1 208.7

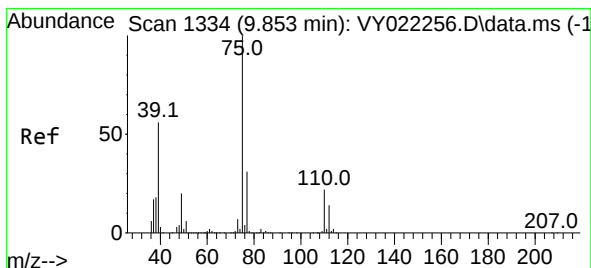
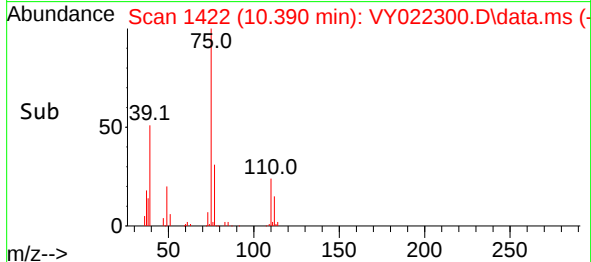
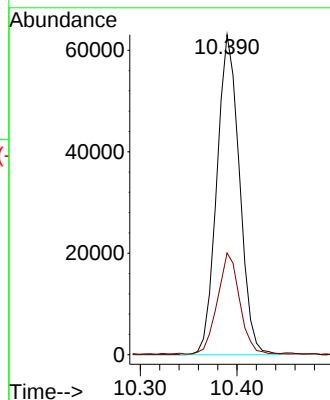
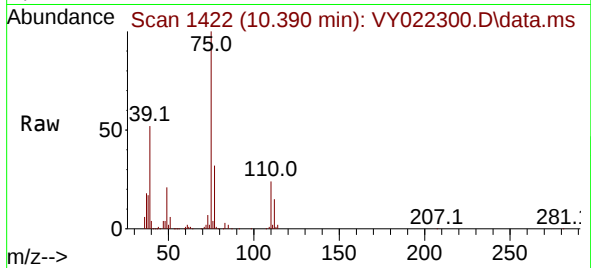




#53
 t-1,3-Dichloropropene
 Concen: 65.171 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022300.D
 Acq: 16 May 2025 18:44

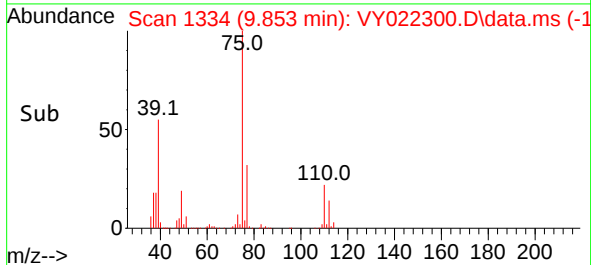
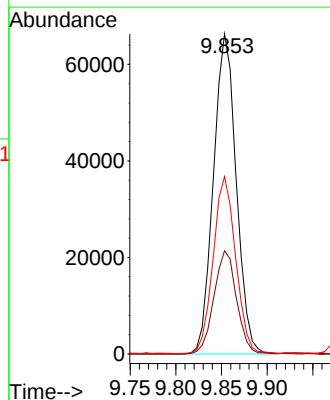
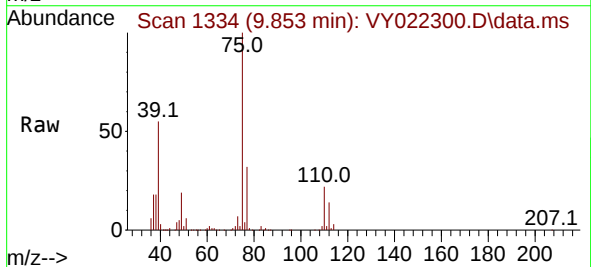
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MSD

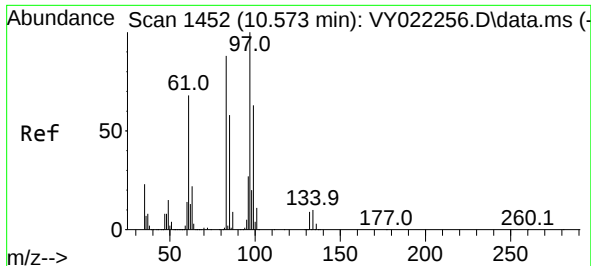
Tgt Ion: 75 Resp: 102427
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 63.809 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022300.D
 Acq: 16 May 2025 18:44

Tgt Ion: 75 Resp: 114898
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.1 37.7
 39 55.3 44.5 66.7

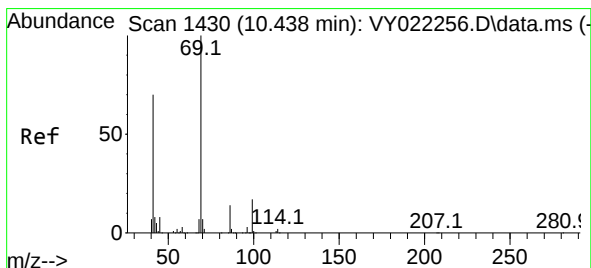
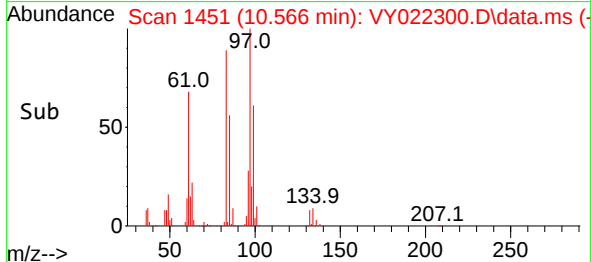
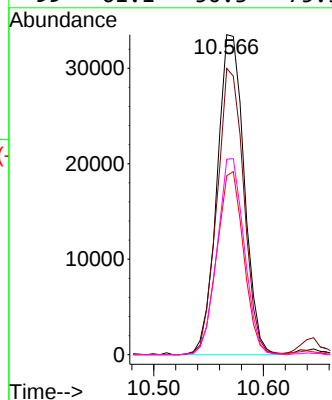
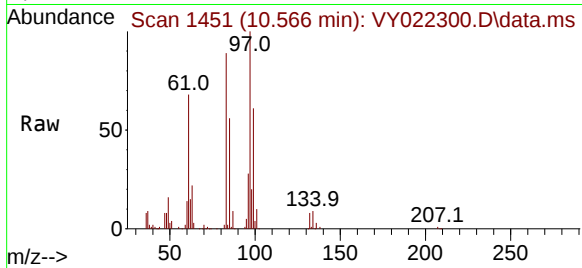




#55
1,1,2-Trichloroethane
Concen: 72.544 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

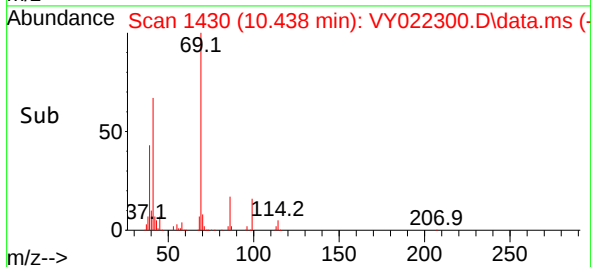
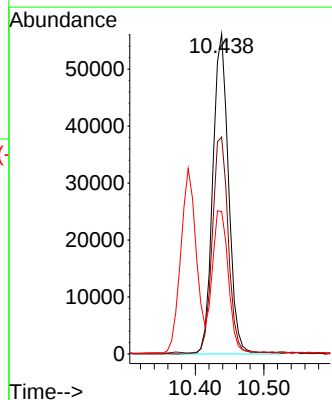
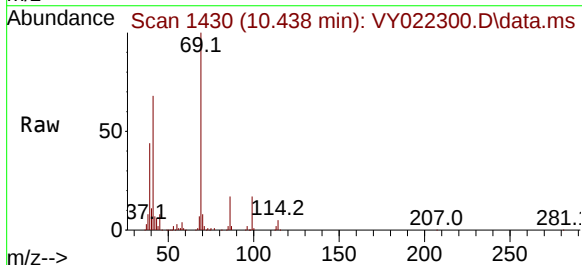
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

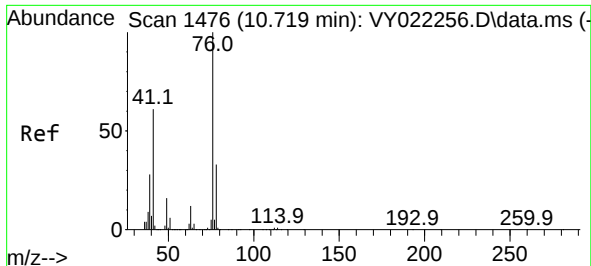
Tgt Ion: 97	Resp: 57667
Ion Ratio	Lower Upper
97 100	
83 89.5	70.3 105.5
85 55.9	46.2 69.4
99 61.1	50.3 75.5



#56
Ethyl methacrylate
Concen: 72.525 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 69	Resp: 89804		
Ion Ratio	Lower	Upper	
69 100			
41 68.0	56.5	84.7	
39 45.2	37.1	55.7	





#57

1,3-Dichloropropane

Concen: 71.952 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

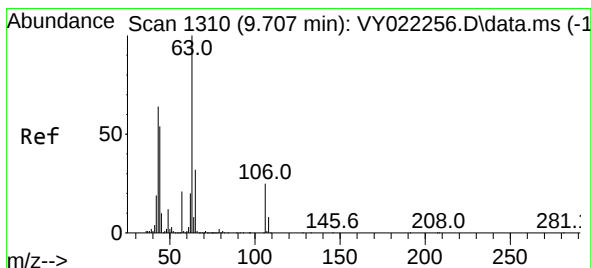
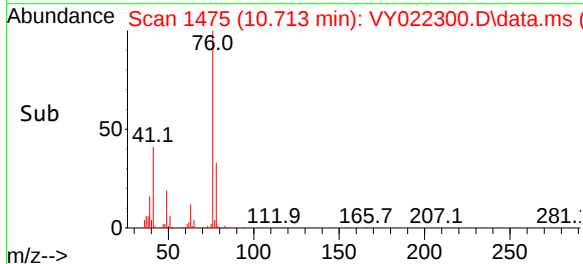
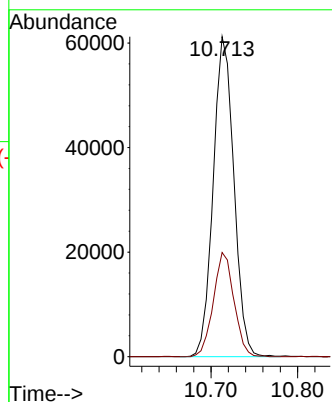
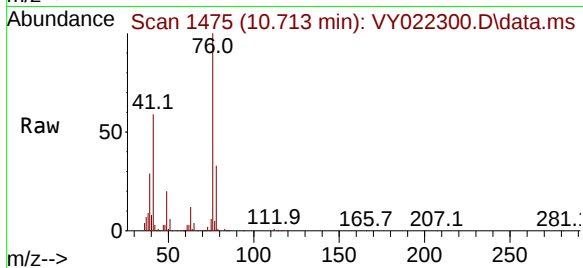
TP-24MSD

Tgt Ion: 76 Resp: 101624

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 390.252 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY022300.D

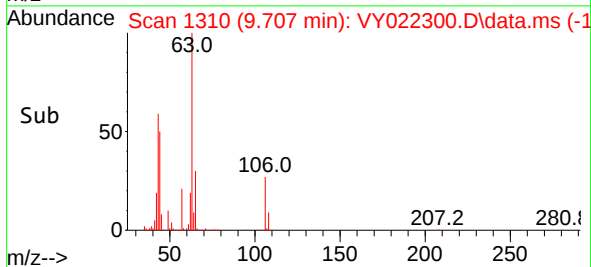
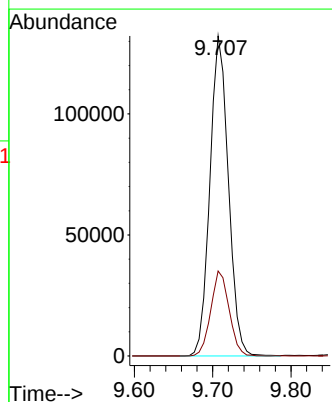
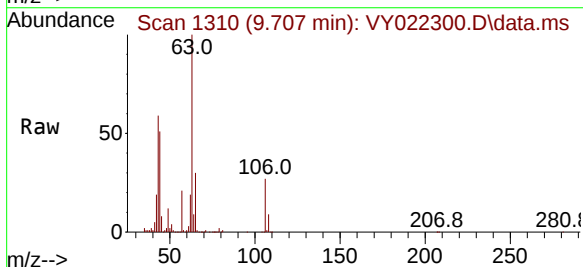
Acq: 16 May 2025 18:44

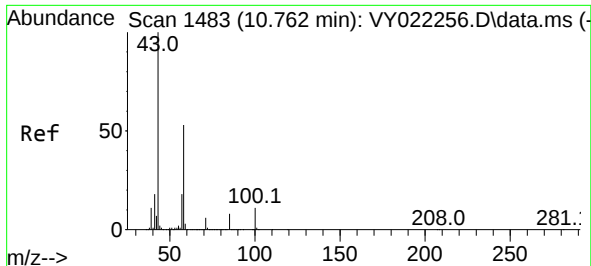
Tgt Ion: 63 Resp: 216897

Ion Ratio Lower Upper

63 100

106 26.2 21.0 31.4





#59

2-Hexanone

Concen: 393.205 ug/l

RT: 10.755 min Scan# 1482

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

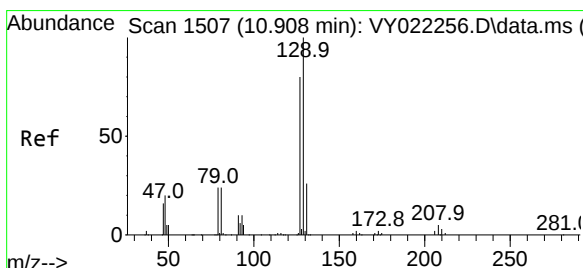
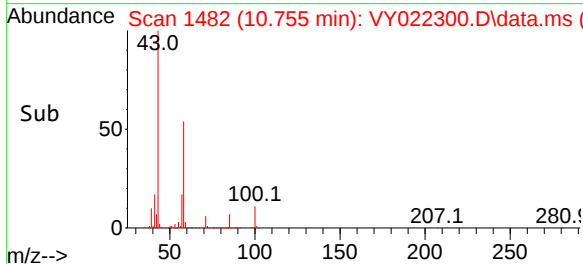
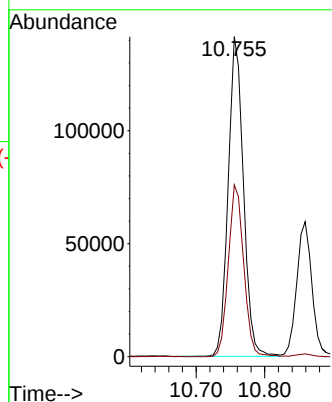
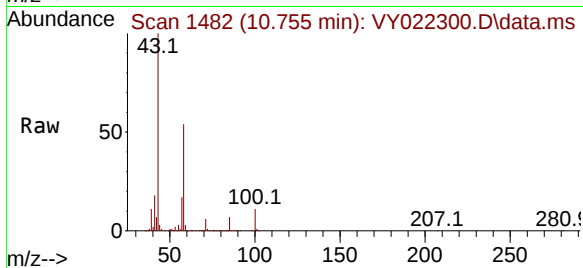
TP-24MSD

Tgt Ion: 43 Resp: 218591

Ion Ratio Lower Upper

43 100

58 54.5 26.1 78.3



#60

Dibromochloromethane

Concen: 69.300 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY022300.D

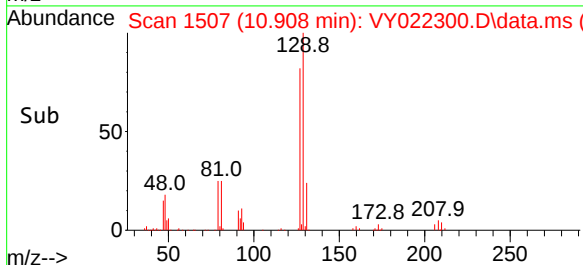
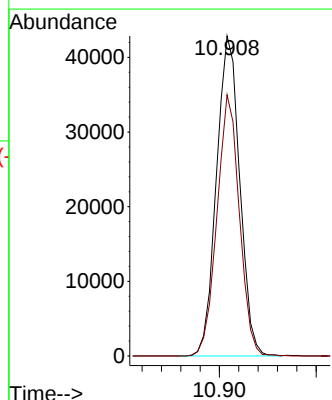
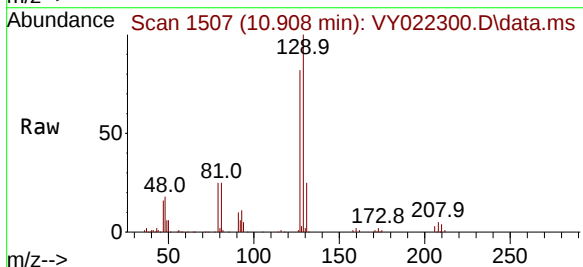
Acq: 16 May 2025 18:44

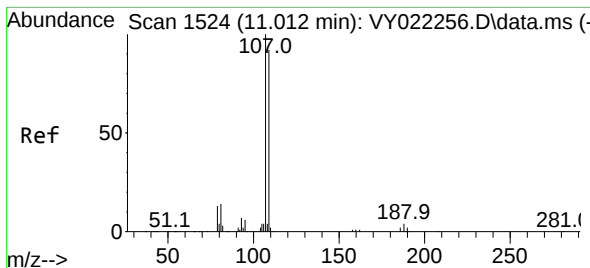
Tgt Ion: 129 Resp: 71502

Ion Ratio Lower Upper

129 100

127 78.6 38.6 115.7

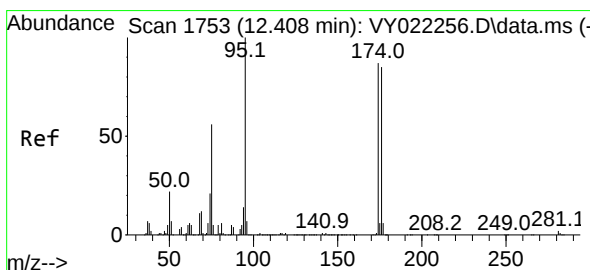
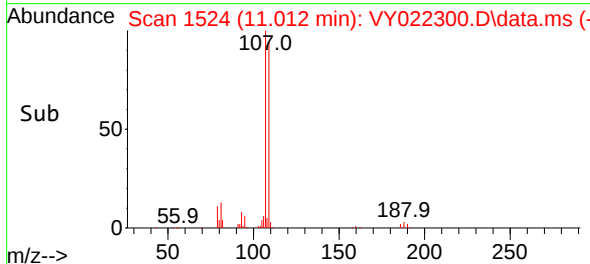
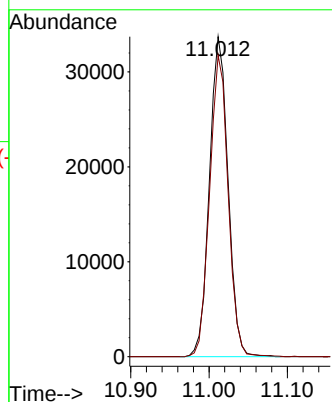
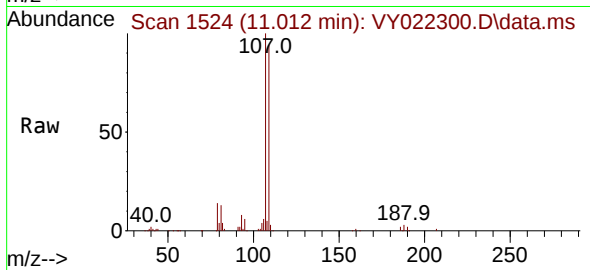




#61
1,2-Dibromoethane
Concen: 75.072 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

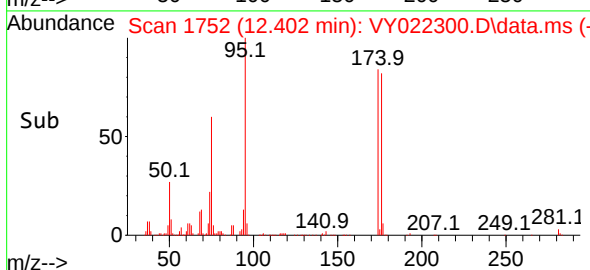
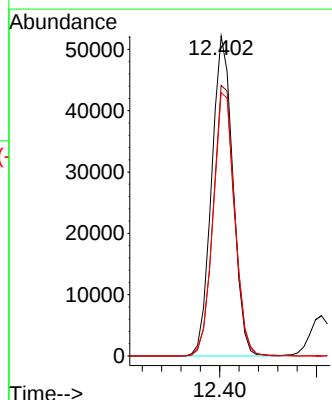
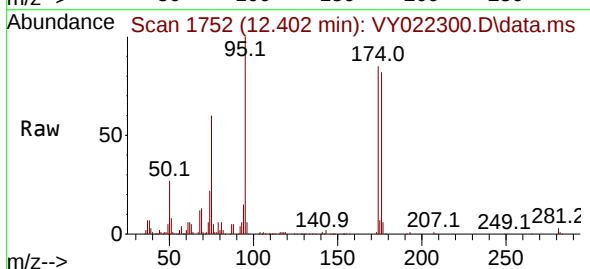
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

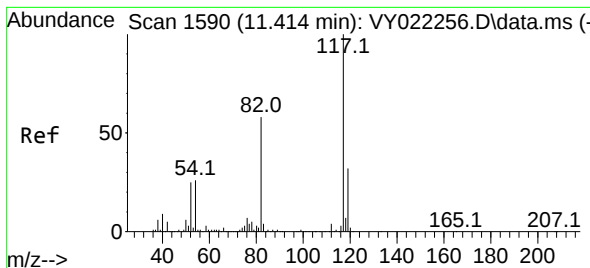
Tgt Ion:107 Resp: 55621
Ion Ratio Lower Upper
107 100
109 93.7 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 62.786 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 95 Resp: 79687
Ion Ratio Lower Upper
95 100
174 84.2 0.0 166.8
176 83.3 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

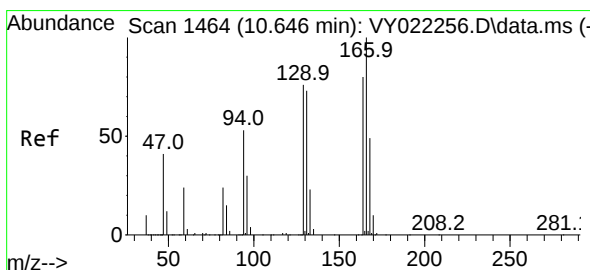
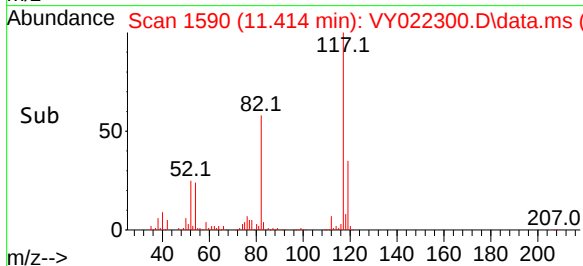
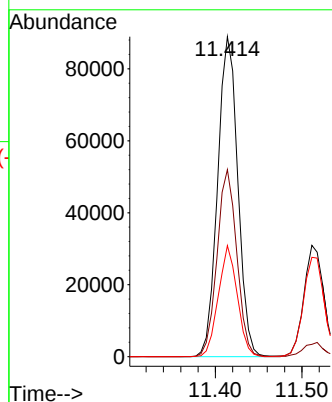
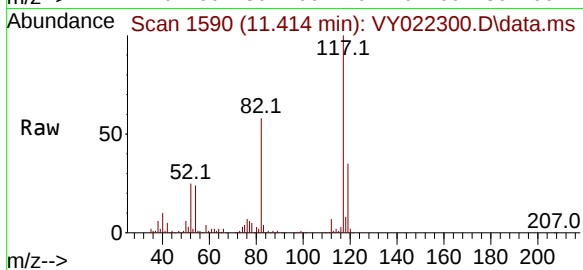
Tgt Ion:117 Resp: 143977

Ion Ratio Lower Upper

117 100

82 58.5 46.6 70.0

119 34.7 25.8 38.6



#64

Tetrachloroethene

Concen: 61.665 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Tgt Ion:164 Resp: 82064

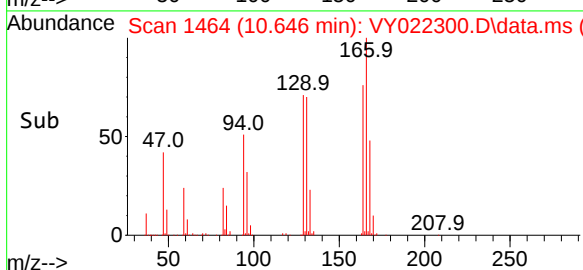
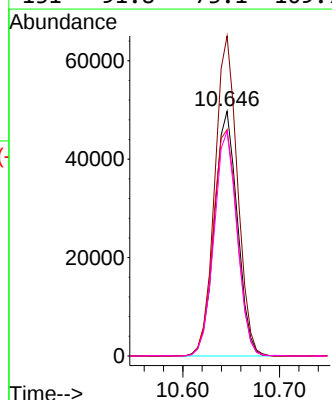
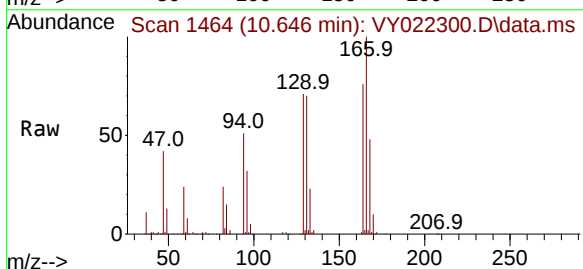
Ion Ratio Lower Upper

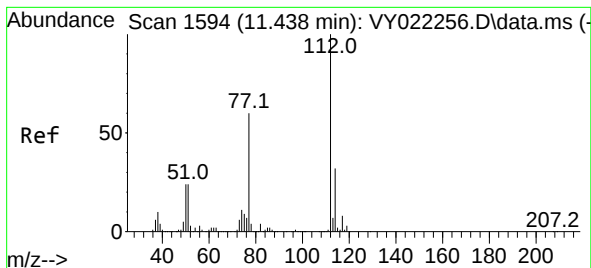
164 100

166 130.8 100.4 150.6

129 92.5 76.4 114.6

131 91.8 73.1 109.7

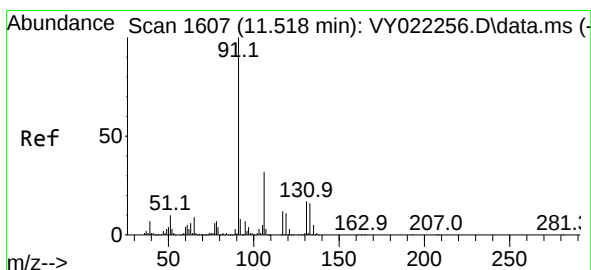
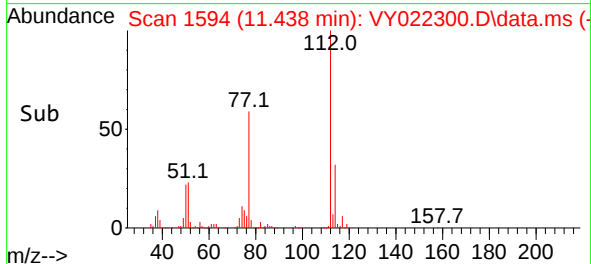
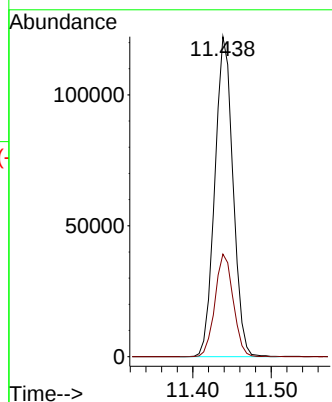
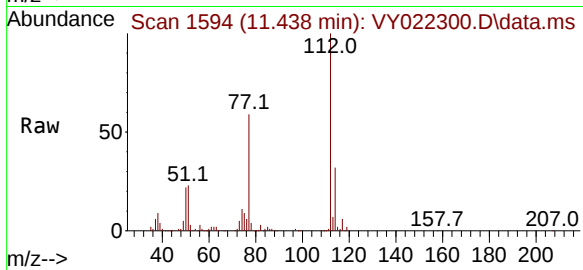




#65
Chlorobenzene
Concen: 60.760 ug/l
RT: 11.438 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

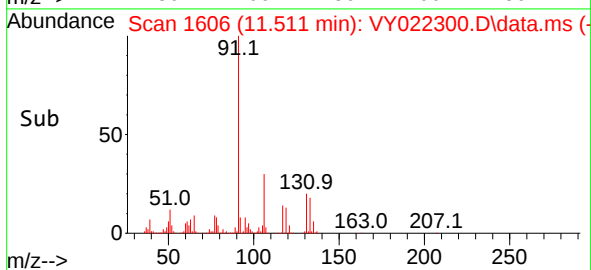
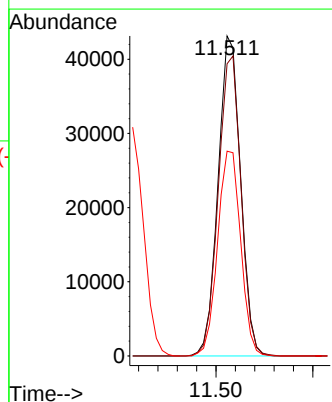
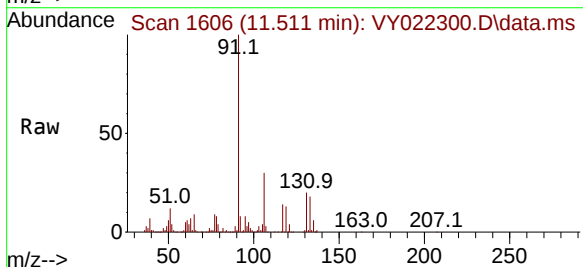
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

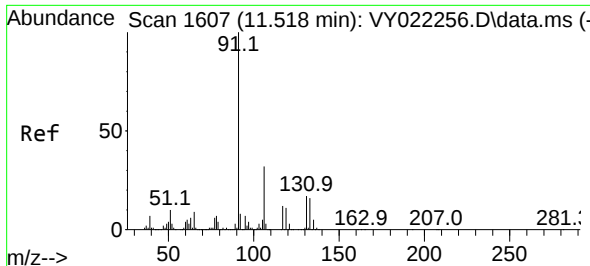
Tgt Ion:112 Resp: 197364
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 62.294 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion:131 Resp: 69564
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 65.7 33.1 99.2

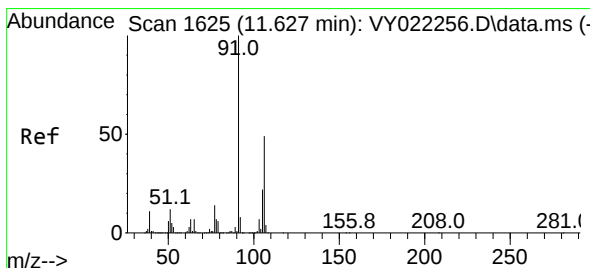
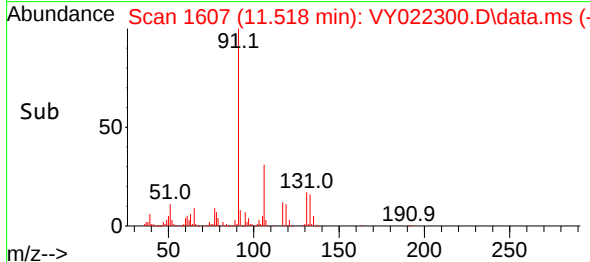
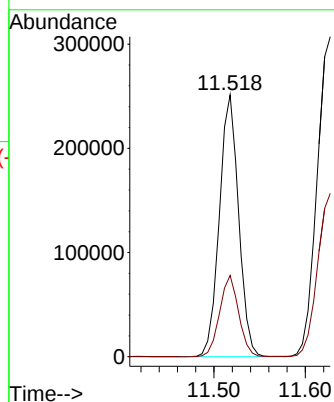
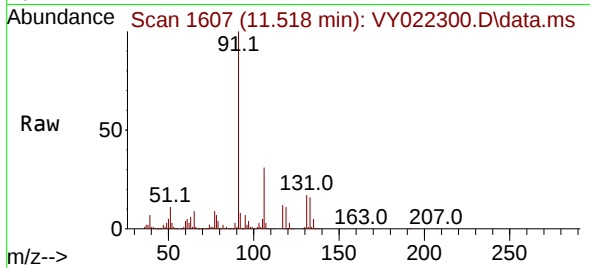




#67
Ethyl Benzene
Concen: 60.473 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

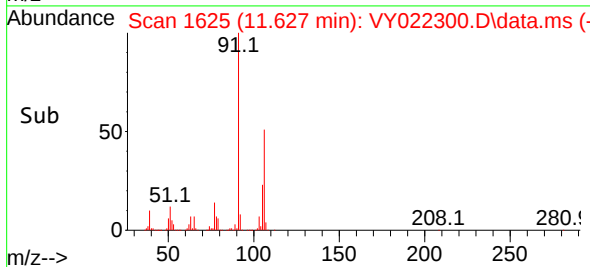
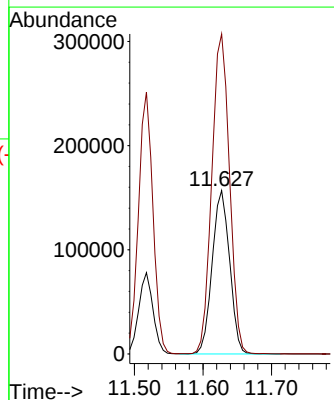
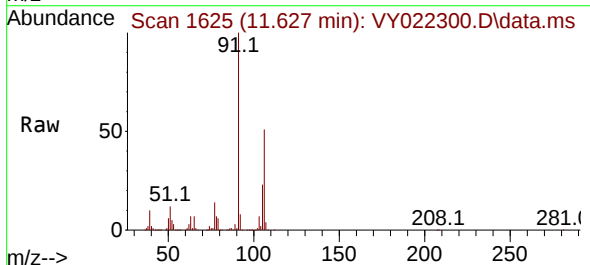
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

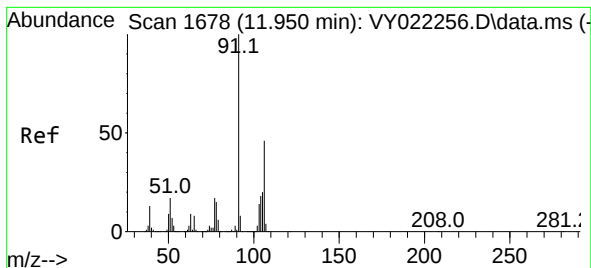
Tgt Ion: 91 Resp: 367881
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0



#68
m/p-Xylenes
Concen: 120.805 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion:106 Resp: 276921
Ion Ratio Lower Upper
106 100
91 198.7 163.0 244.4





#69

o-Xylene

Concen: 60.654 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

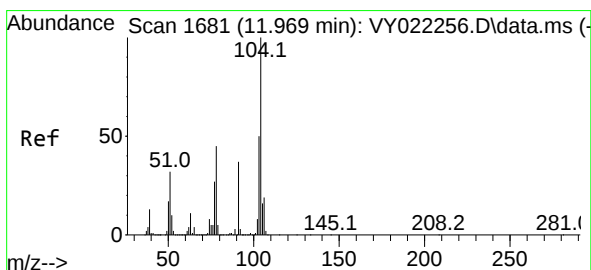
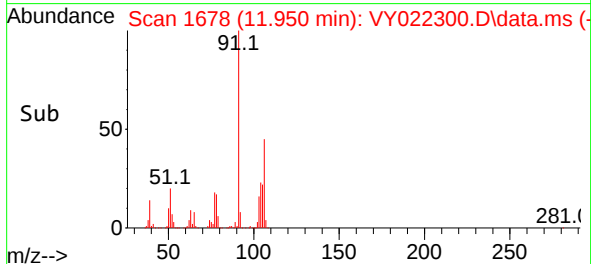
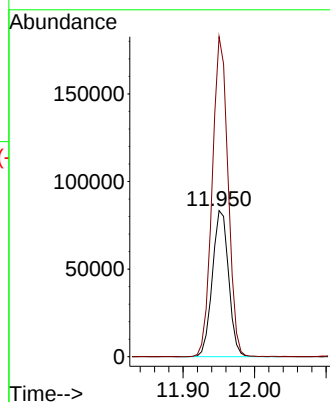
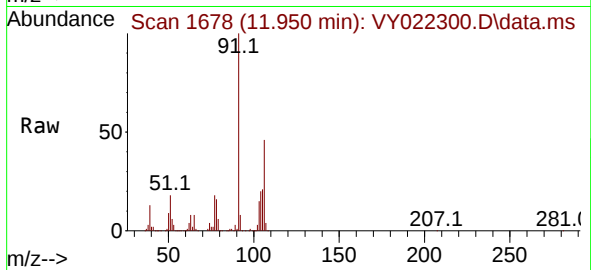
TP-24MSD

Tgt Ion:106 Resp: 131547

Ion Ratio Lower Upper

106 100

91 213.4 108.3 324.8



#70

Styrene

Concen: 59.460 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

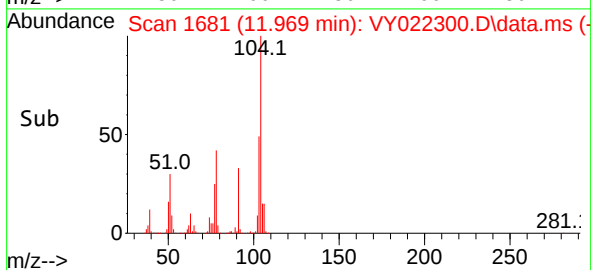
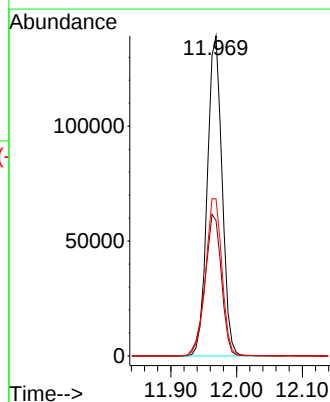
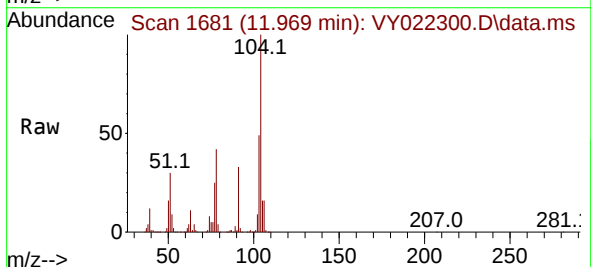
Tgt Ion:104 Resp: 217532

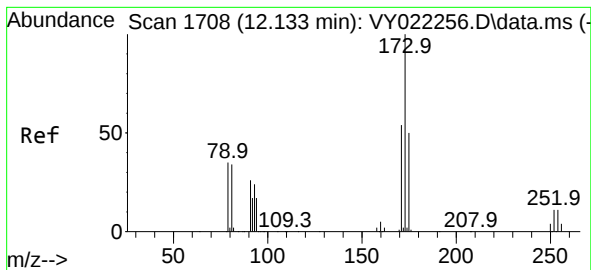
Ion Ratio Lower Upper

104 100

78 49.2 40.9 61.3

103 54.6 43.7 65.5





#71

Bromoform

Concen: 69.048 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

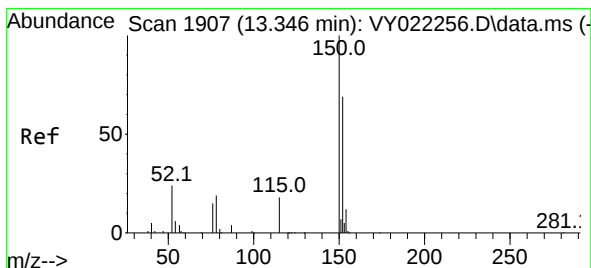
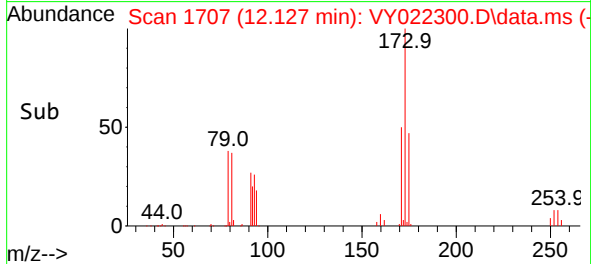
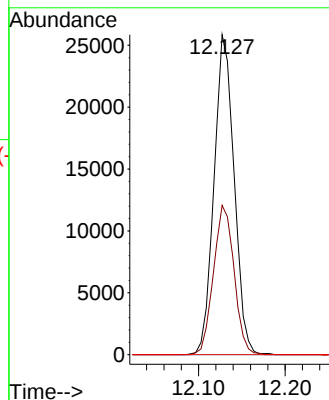
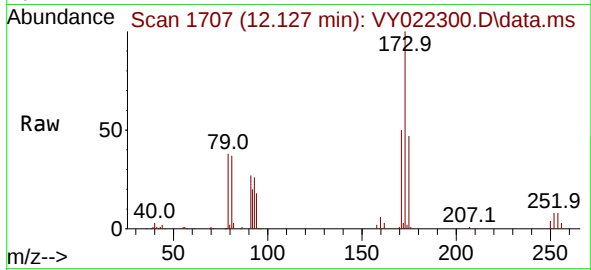
Tgt Ion:173 Resp: 41618

Ion Ratio Lower Upper

173 100

175 47.9 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

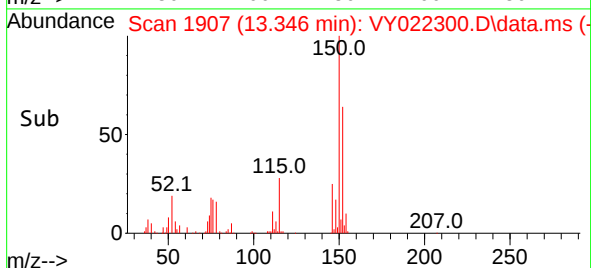
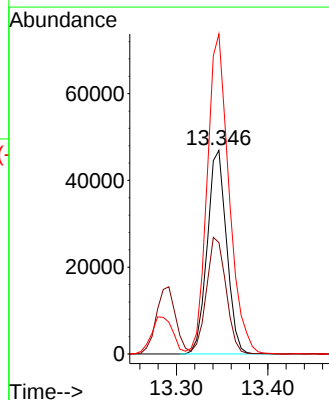
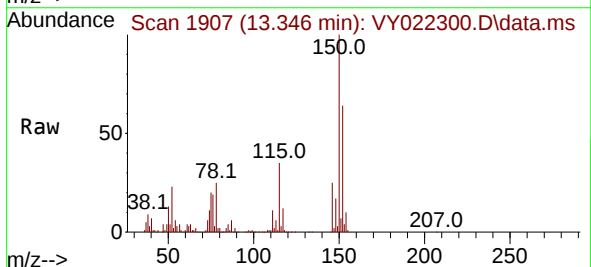
Tgt Ion:152 Resp: 68883

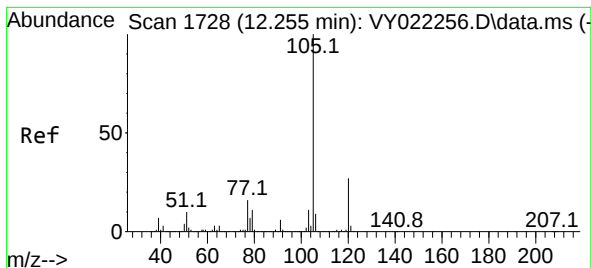
Ion Ratio Lower Upper

152 100

115 58.0 29.4 88.2

150 176.7 0.0 353.8





#73

Isopropylbenzene

Concen: 60.057 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

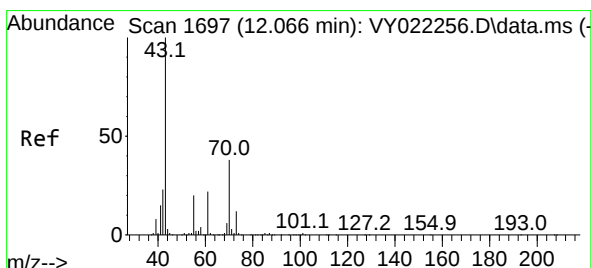
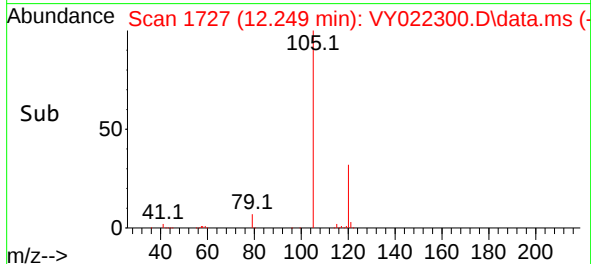
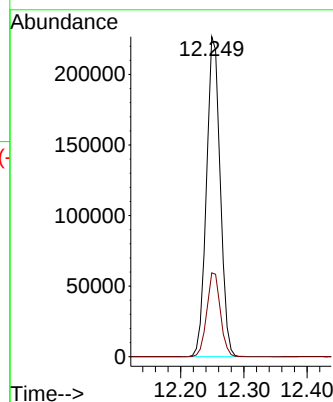
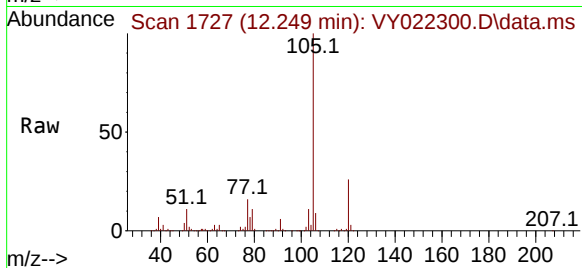
TP-24MSD

Tgt Ion:105 Resp: 342723

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.6



#74

N-ethyl acetate

Concen: 53.377 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Tgt Ion: 43 Resp: 87117

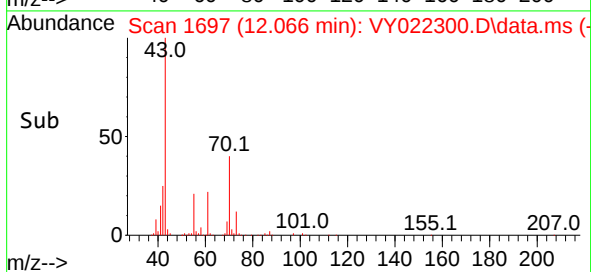
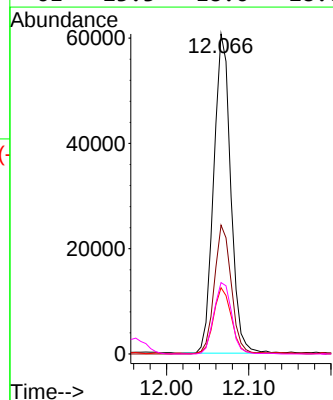
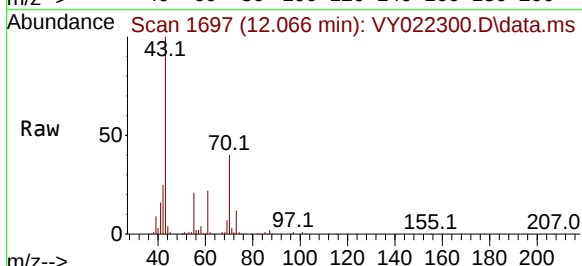
Ion Ratio Lower Upper

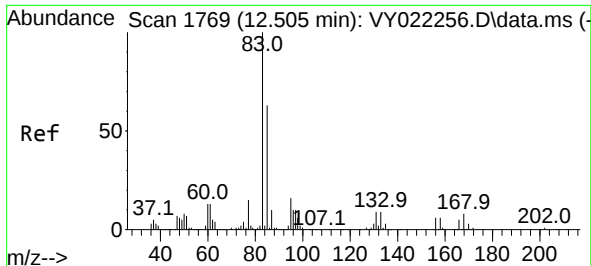
43 100

70 40.2 31.4 47.0

55 21.6 17.0 25.6

61 23.3 18.6 28.0

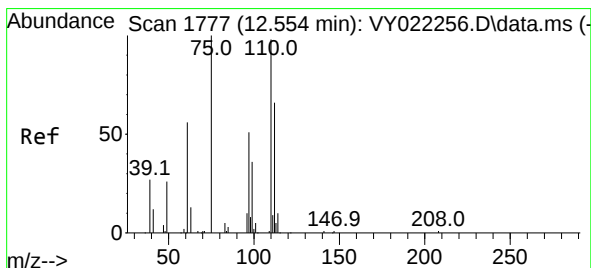
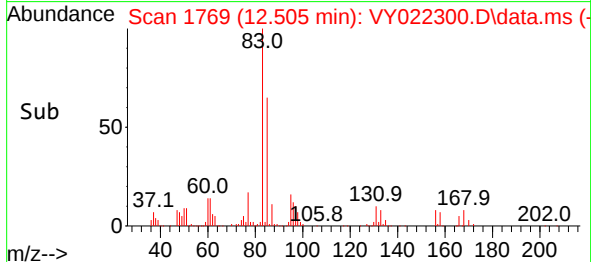
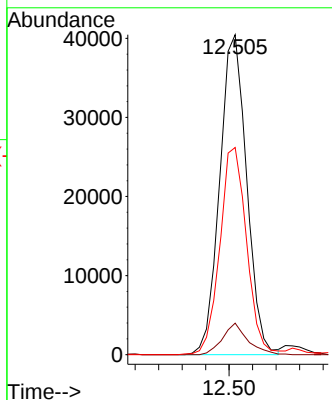
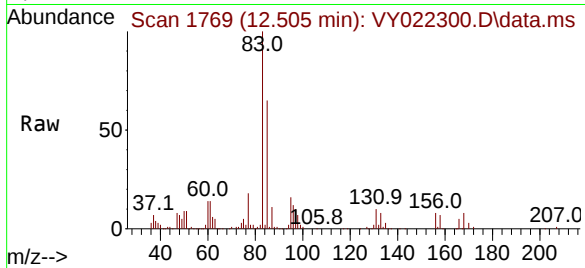




#75
 1,1,2,2-Tetrachloroethane
 Concen: 73.504 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022300.D
 Acq: 16 May 2025 18:44

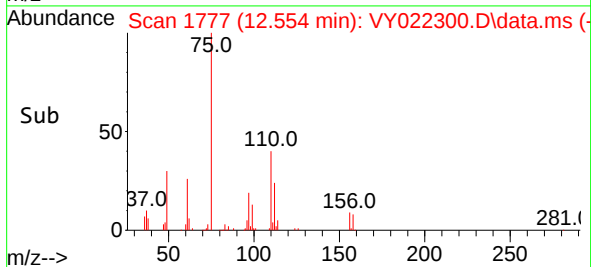
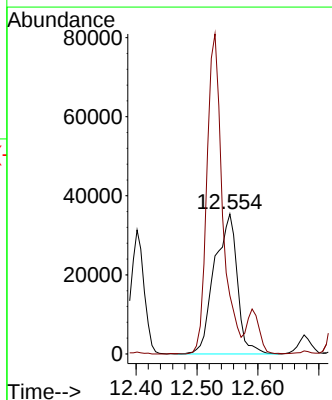
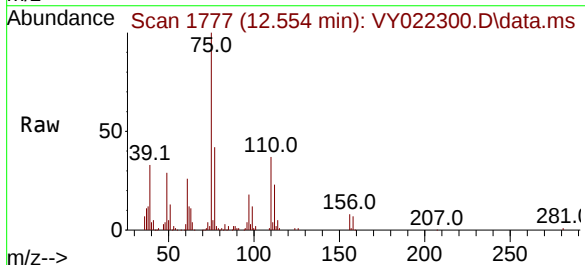
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MSD

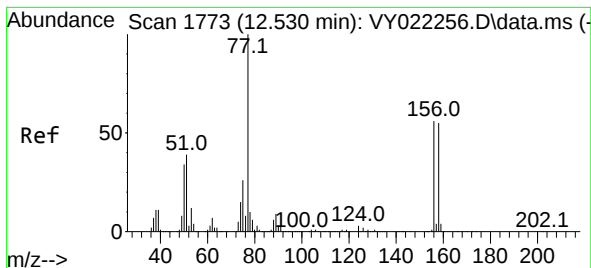
Tgt Ion: 83 Resp: 64509
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.9 14.7
 85 64.4 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 132.222 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022300.D
 Acq: 16 May 2025 18:44

Tgt Ion: 75 Resp: 92272
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 61.070 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

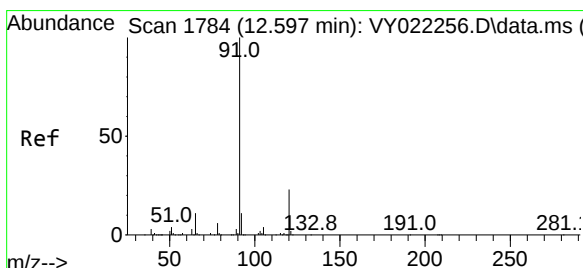
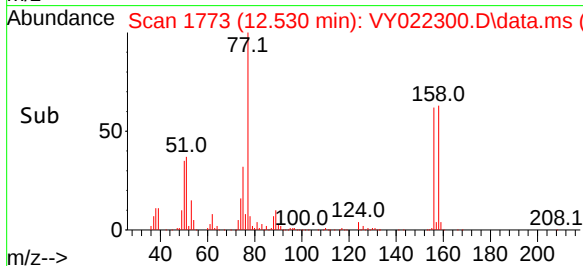
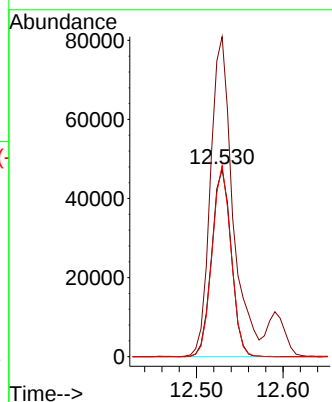
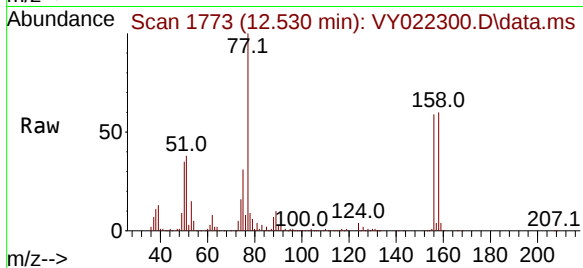
Tgt Ion:156 Resp: 74434

Ion Ratio Lower Upper

156 100

77 194.0 94.5 283.6

158 98.7 48.4 145.3



#78

n-propylbenzene

Concen: 58.904 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022300.D

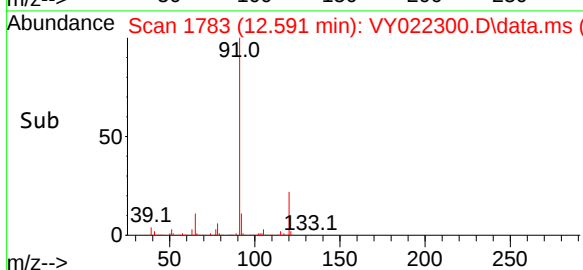
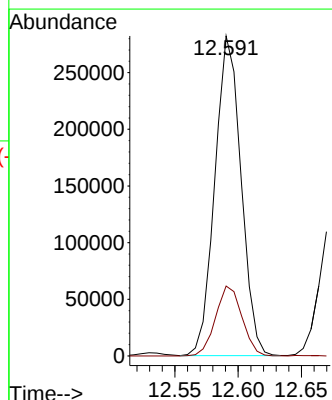
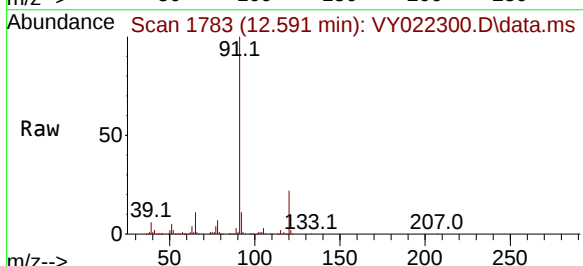
Acq: 16 May 2025 18:44

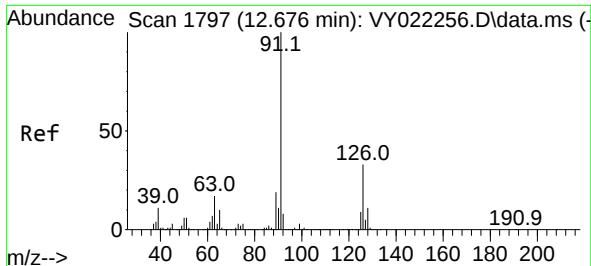
Tgt Ion: 91 Resp: 405449

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.3

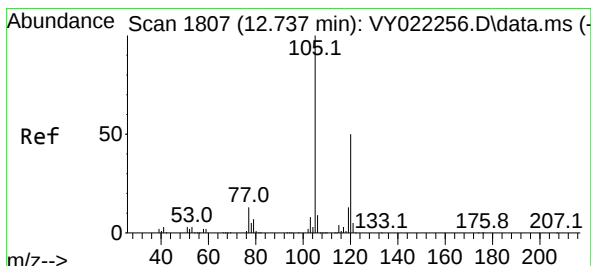
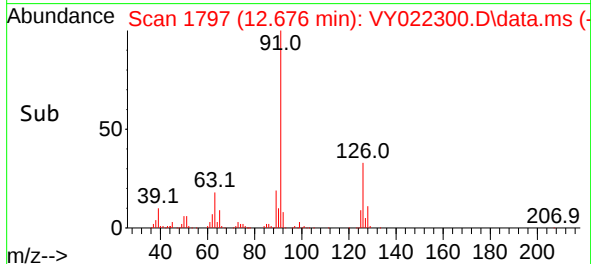
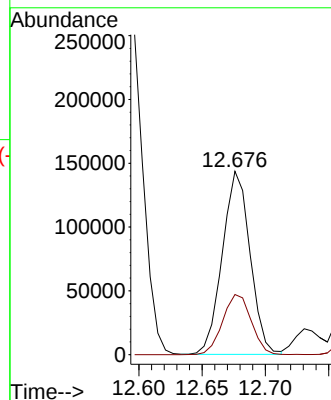
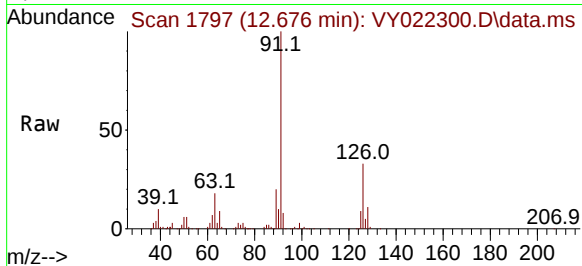




#79
2-Chlorotoluene
Concen: 57.956 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

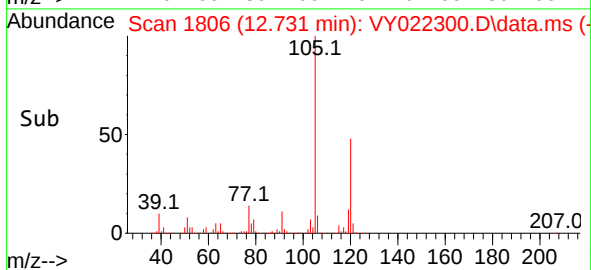
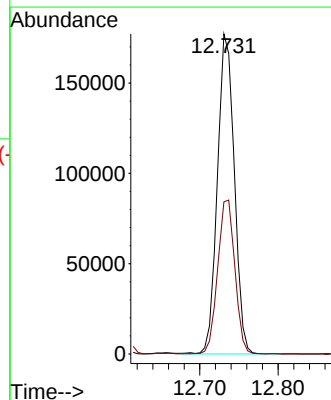
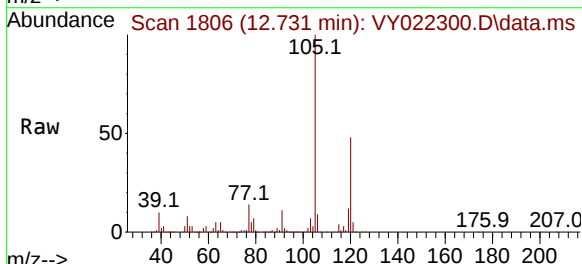
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

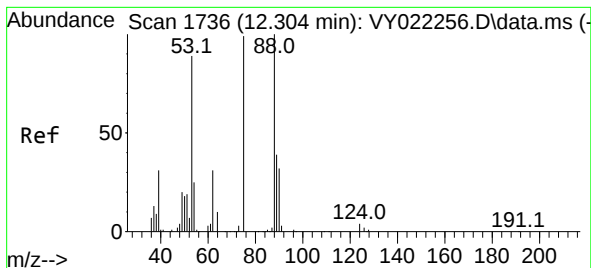
Tgt Ion: 91 Resp: 219228
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 57.851 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 105 Resp: 266496
Ion Ratio Lower Upper
105 100
120 48.9 24.2 72.6

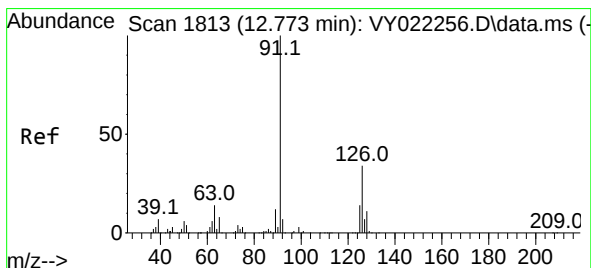
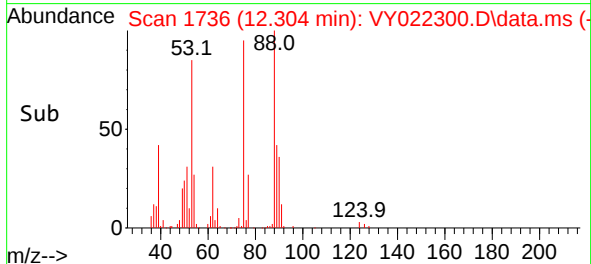
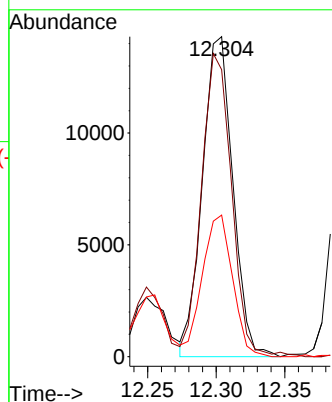
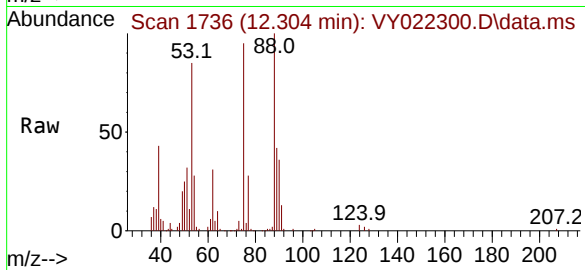




#81
trans-1,4-Dichloro-2-butene
Concen: 64.074 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

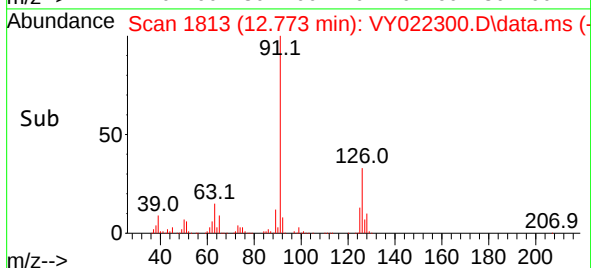
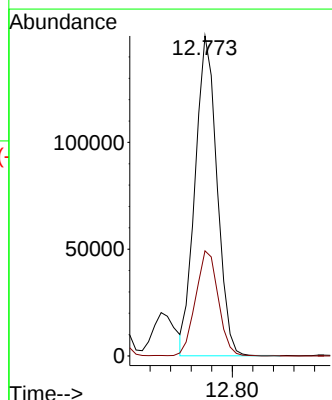
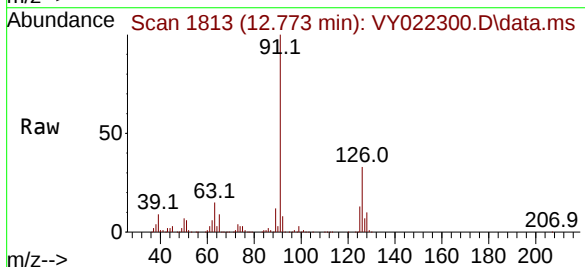
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

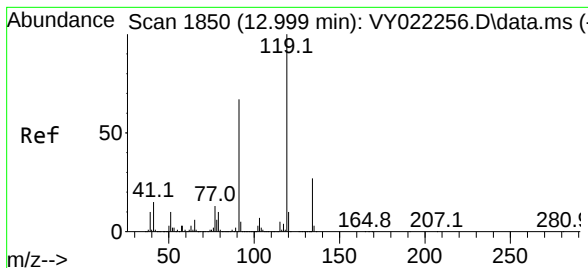
Tgt Ion: 75 Resp: 22073
Ion Ratio Lower Upper
75 100
53 93.6 75.8 113.8
89 44.2 36.2 54.2



#82
4-Chlorotoluene
Concen: 56.933 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 91 Resp: 221512
Ion Ratio Lower Upper
91 100
126 34.1 16.8 50.4





#83

tert-Butylbenzene

Concen: 59.935 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

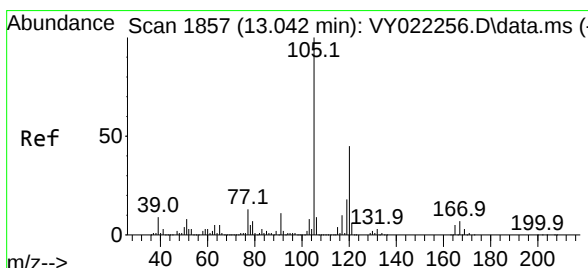
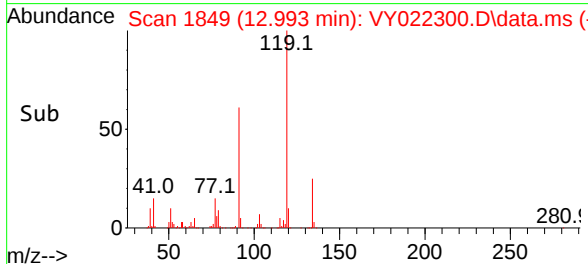
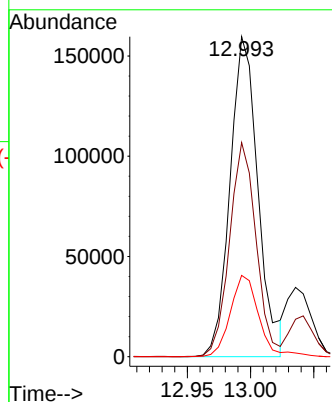
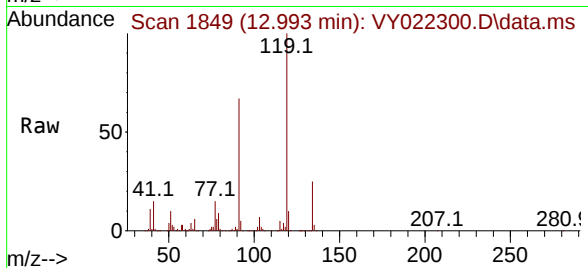
Tgt Ion:119 Resp: 245397

Ion Ratio Lower Upper

119 100

91 63.8 32.8 98.3

134 25.9 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 58.323 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022300.D

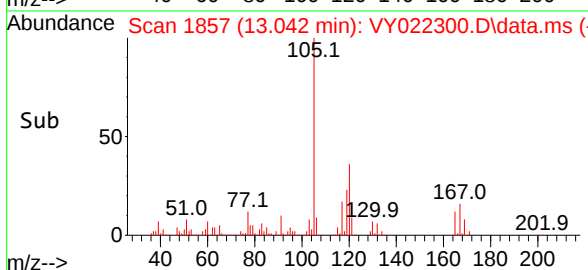
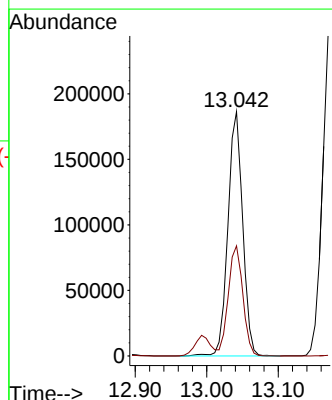
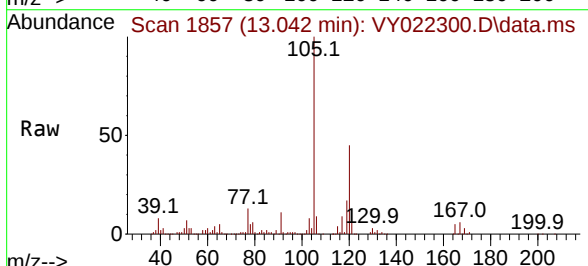
Acq: 16 May 2025 18:44

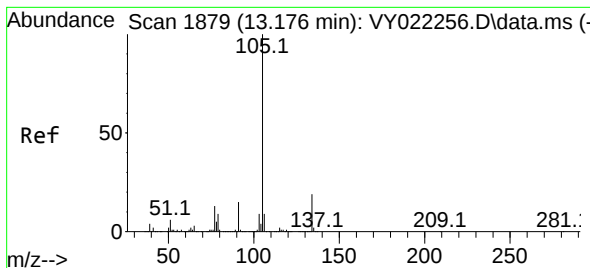
Tgt Ion:105 Resp: 266704

Ion Ratio Lower Upper

105 100

120 44.3 22.3 66.9





#85

sec-Butylbenzene

Concen: 58.610 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

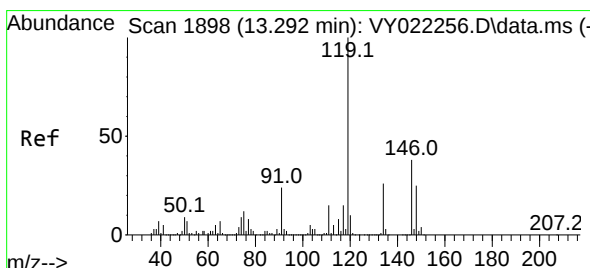
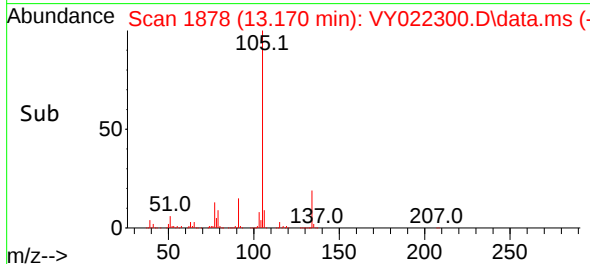
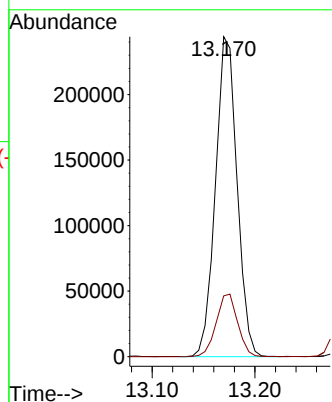
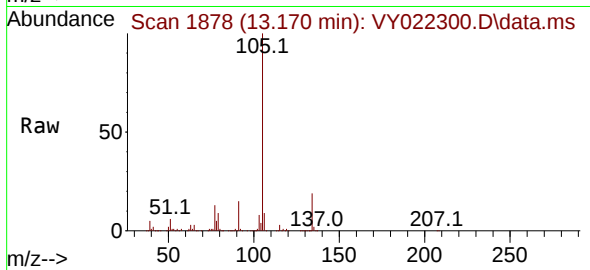
TP-24MSD

Tgt Ion:105 Resp: 356221

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 57.509 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

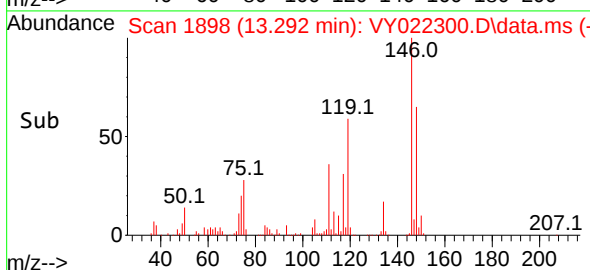
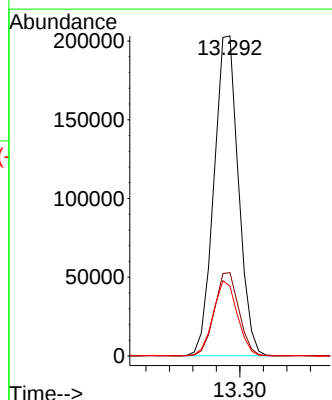
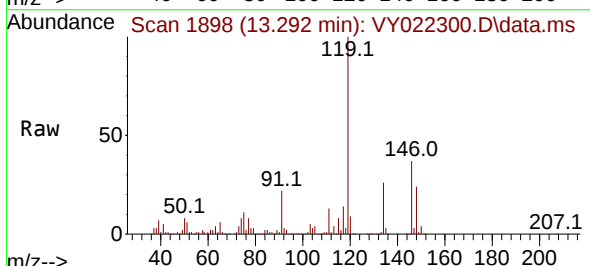
Tgt Ion:119 Resp: 293972

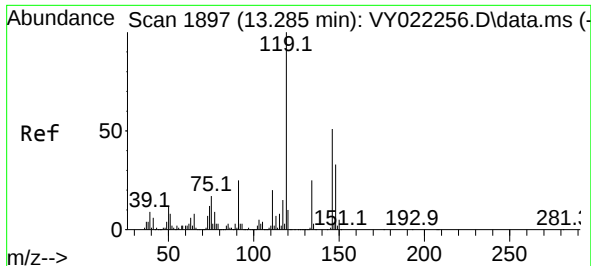
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 23.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 56.455 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

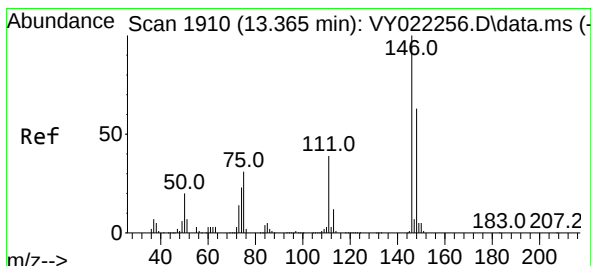
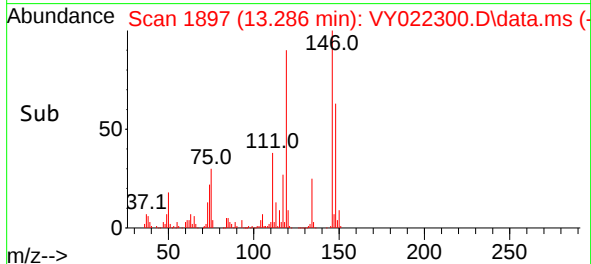
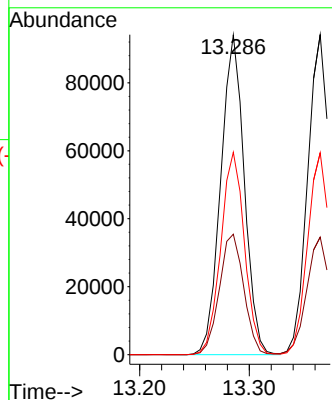
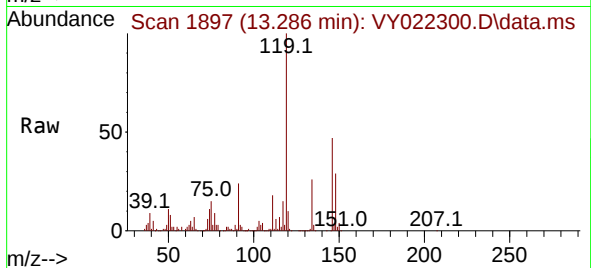
Tgt Ion:146 Resp: 140467

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 57.482 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

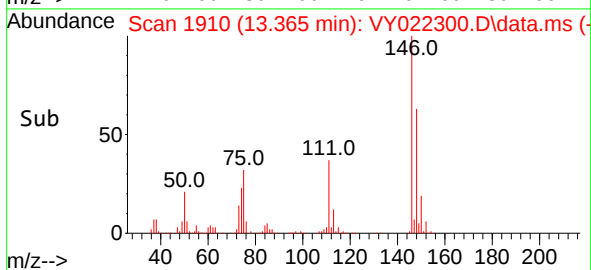
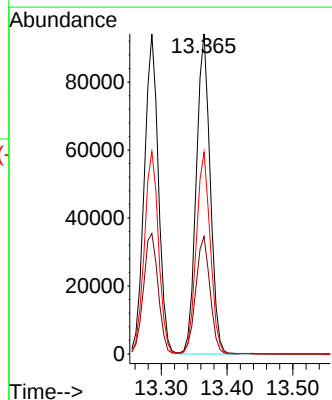
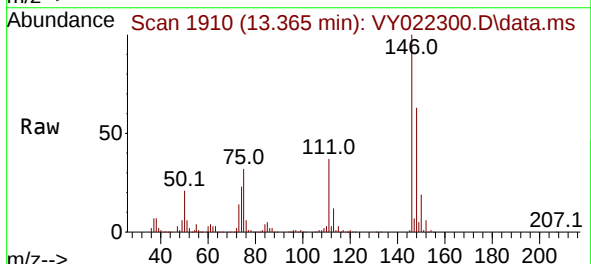
Tgt Ion:146 Resp: 137572

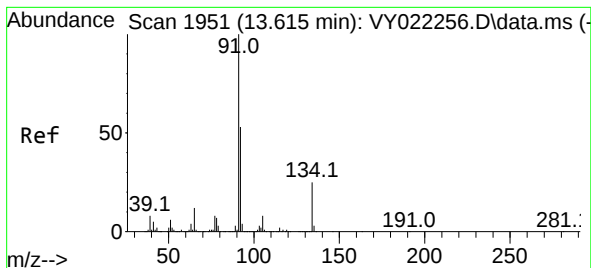
Ion Ratio Lower Upper

146 100

111 37.8 20.0 59.9

148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 54.675 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

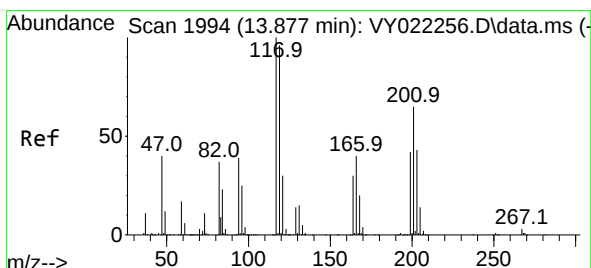
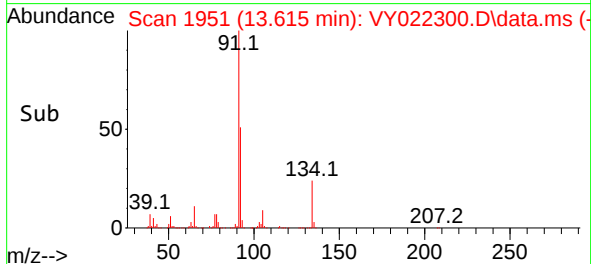
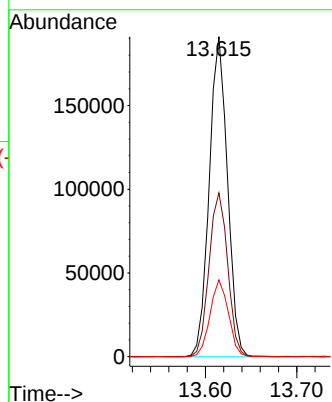
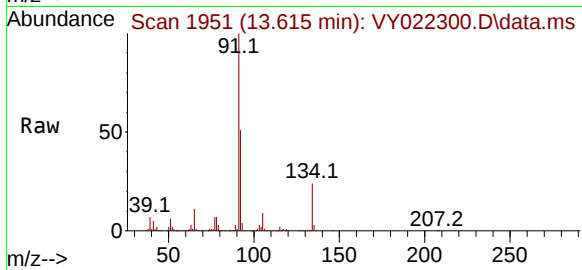
Tgt Ion: 91 Resp: 264403

Ion Ratio Lower Upper

91 100

92 52.4 26.3 78.9

134 24.2 12.4 37.4



#90

Hexachloroethane

Concen: 58.439 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022300.D

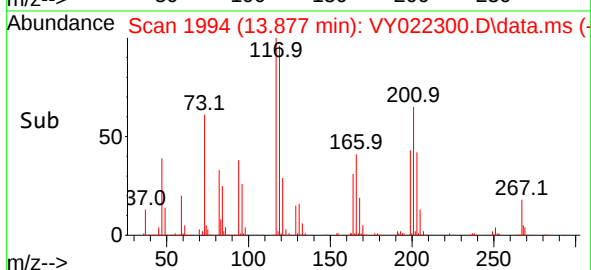
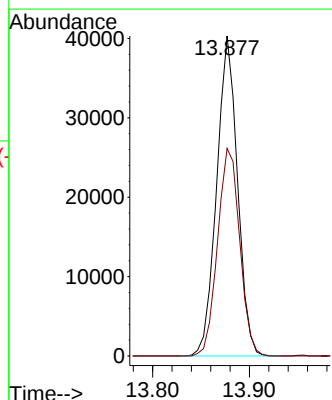
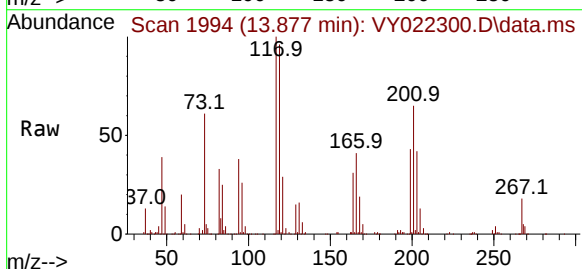
Acq: 16 May 2025 18:44

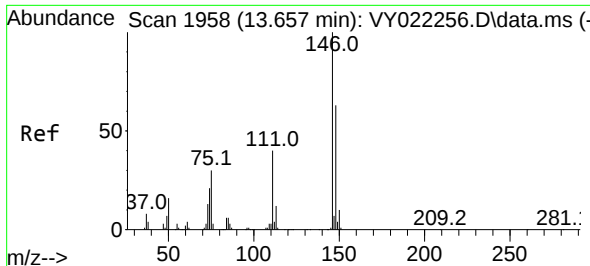
Tgt Ion: 117 Resp: 60301

Ion Ratio Lower Upper

117 100

201 68.8 35.2 105.6

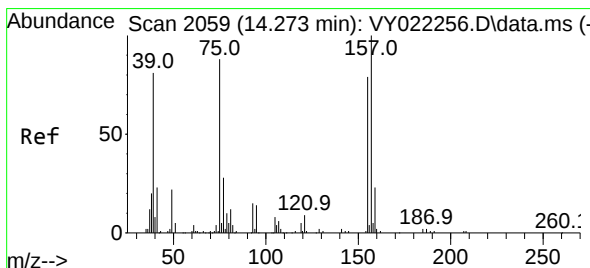
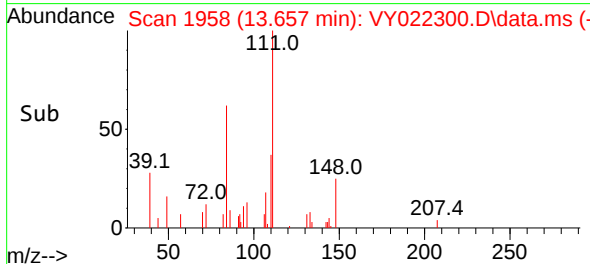
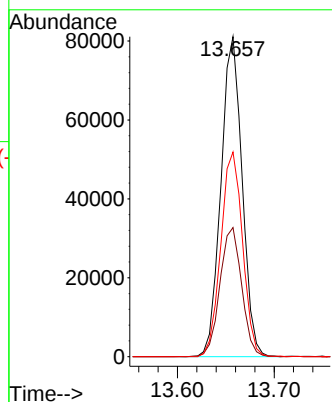
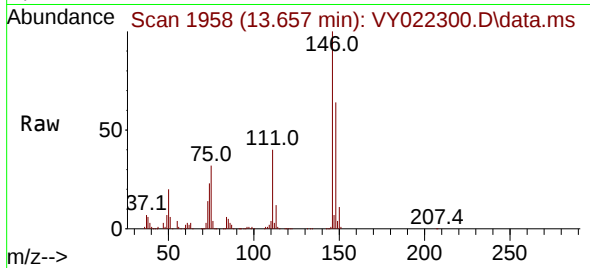




#91
1,2-Dichlorobenzene
Concen: 58.912 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

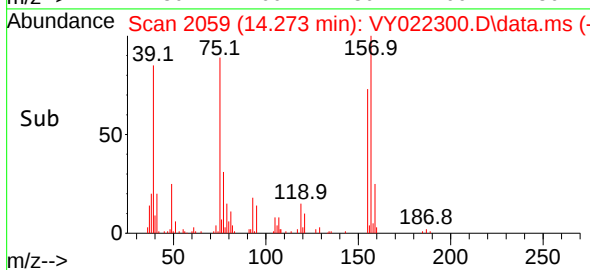
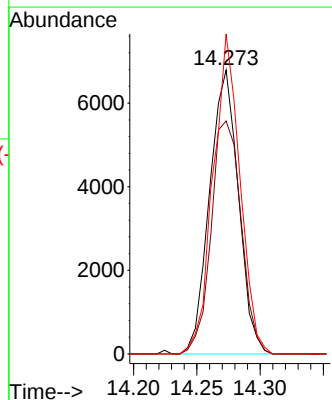
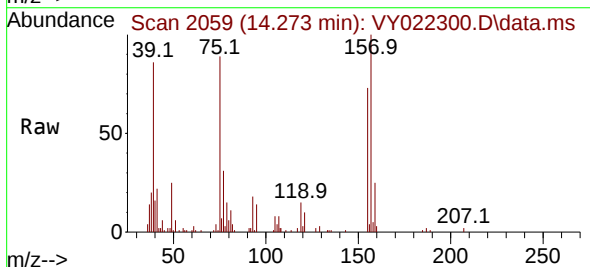
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

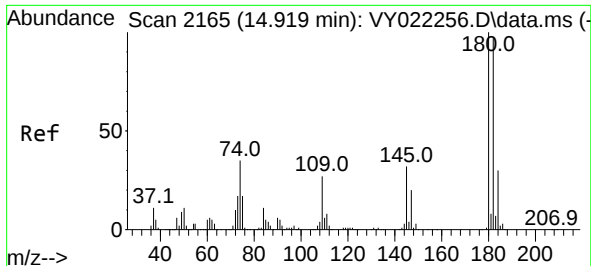
Tgt Ion:146 Resp: 123124
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.5
148 65.7 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 76.102 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion: 75 Resp: 10770
Ion Ratio Lower Upper
75 100
155 85.2 43.4 130.1
157 104.8 54.6 163.9

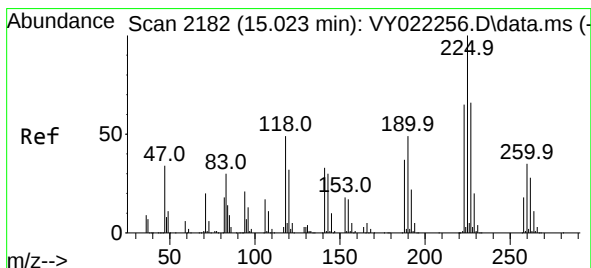
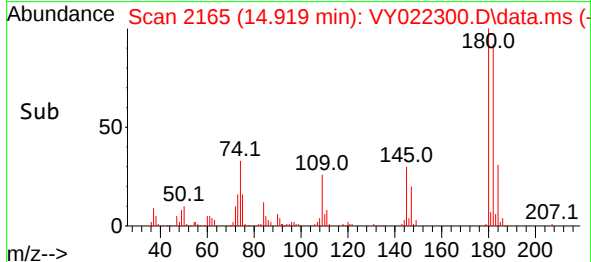
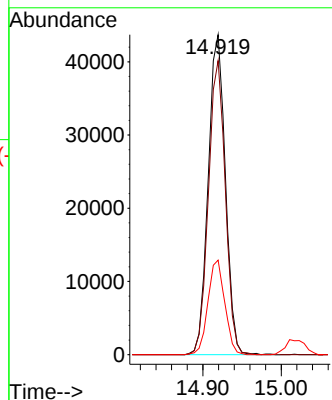
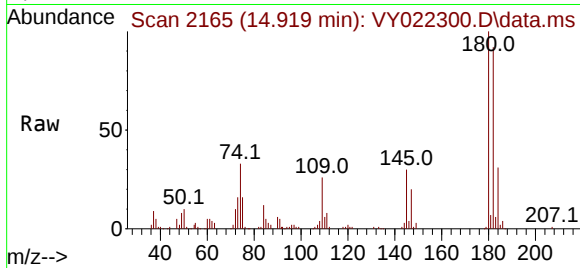




#93
1,2,4-Trichlorobenzene
Concen: 55.025 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

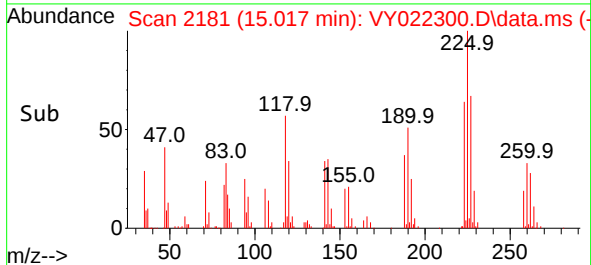
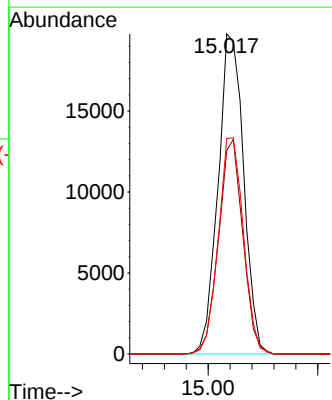
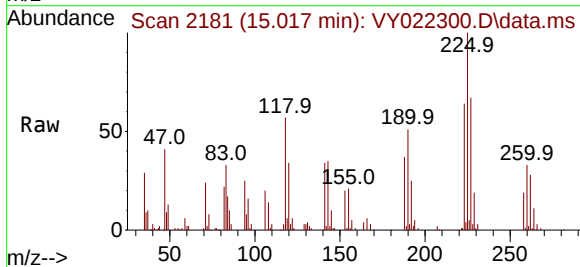
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MSD

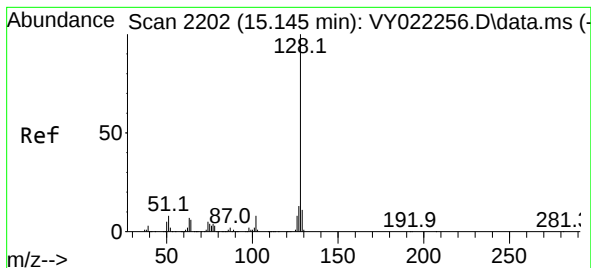
Tgt Ion:180 Resp: 66428
Ion Ratio Lower Upper
180 100
182 90.6 48.0 144.0
145 29.0 15.0 45.1



#94
Hexachlorobutadiene
Concen: 47.542 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. -0.006 min
Lab File: VY022300.D
Acq: 16 May 2025 18:44

Tgt Ion:225 Resp: 32007
Ion Ratio Lower Upper
225 100
223 63.6 31.5 94.5
227 66.2 32.1 96.3





#95

Naphthalene

Concen: 68.830 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MSD

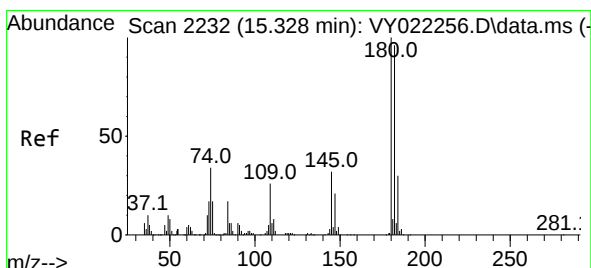
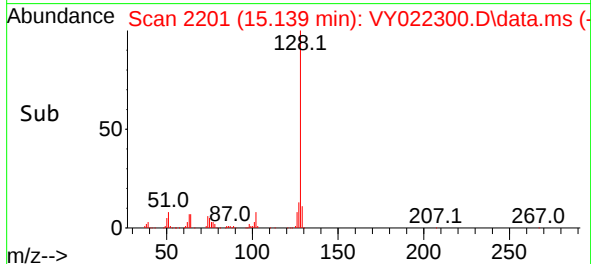
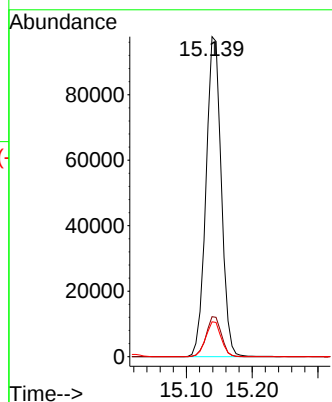
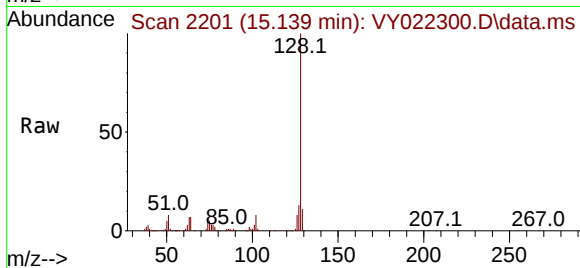
Tgt Ion:128 Resp: 157685

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 56.961 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022300.D

Acq: 16 May 2025 18:44

Tgt Ion:180 Resp: 58335

Ion Ratio Lower Upper

180 100

182 92.2 47.1 141.3

145 32.0 15.9 47.6

