

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051625\
 Data File : VY022299.D
 Acq On : 16 May 2025 18:21
 Operator : SY/MD
 Sample : Q2032-05MS
 Misc : 6.69g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MS

Quant Time: May 17 01:37:52 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	85720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	143246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	125367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	61389	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	53688	57.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.620%	
35) Dibromofluoromethane	7.628	113	41957	49.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.140%	
50) Toluene-d8	10.103	98	163082	46.573	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.140%	
62) 4-Bromofluorobenzene	12.401	95	53080	47.825	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.640%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	65339	73.049	ug/l	96
3) Chloromethane	2.068	50	127605	67.820	ug/l	98
4) Vinyl Chloride	2.202	62	188758	89.794	ug/l	93
5) Bromomethane	2.592	94	136613	79.832	ug/l	98
6) Chloroethane	2.732	64	122372	93.572	ug/l	97
7) Trichlorofluoromethane	3.049	101	180595	84.853	ug/l	100
8) Diethyl Ether	3.452	74	37141	72.716	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	71792	77.699	ug/l	99
10) Methyl Iodide	4.000	142	69479	64.970	ug/l	99
11) Tert butyl alcohol	4.860	59	40839	570.851	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	68701	74.926	ug/l	98
13) Acrolein	3.653	56	28976	277.056	ug/l	96
14) Allyl chloride	4.378	41	105288	65.489	ug/l	99
15) Acrylonitrile	5.055	53	114139	542.330	ug/l	99
16) Acetone	3.872	43	130352	742.054	ug/l	98
17) Carbon Disulfide	4.104	76	213156	71.290	ug/l	99
18) Methyl Acetate	4.385	43	86432	156.056	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	190951	75.528	ug/l	100
20) Methylene Chloride	4.604	84	71144	62.678	ug/l	92
21) trans-1,2-Dichloroethene	5.110	96	69295	68.468	ug/l	95
22) Diisopropyl ether	6.018	45	208938	61.540	ug/l	96
23) Vinyl Acetate	5.957	43	263957	128.687	ug/l	98
24) 1,1-Dichloroethane	5.909	63	126647	66.768	ug/l	98
25) 2-Butanone	6.890	43	157346	535.493	ug/l	99
26) 2,2-Dichloropropane	6.878	77	112228	66.521	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	77214	66.113	ug/l	99
28) Bromochloromethane	7.244	49	42784	52.880	ug/l	100
29) Tetrahydrofuran	7.262	42	100018	529.087	ug/l	95
30) Chloroform	7.415	83	123518	67.889	ug/l	99
31) Cyclohexane	7.695	56	131833	69.562	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	119128	71.368	ug/l	100
36) 1,1-Dichloropropene	7.835	75	101794	72.285	ug/l	100
37) Ethyl Acetate	6.982	43	64949	95.855	ug/l	98
38) Carbon Tetrachloride	7.817	117	104687	71.817	ug/l	99
39) Methylcyclohexane	9.103	83	135954	71.859	ug/l	98
40) Benzene	8.079	78	279688	66.995	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	94089	209.336	ug/l #	44
42) 1,2-Dichloroethane	8.158	62	81737	72.400	ug/l	99
43) Isopropyl Acetate	8.195	43	130369	88.224	ug/l #	89
44) Trichloroethene	8.859	130	73812	71.107	ug/l	99
45) 1,2-Dichloropropane	9.140	63	65755	65.331	ug/l	99
46) Dibromomethane	9.225	93	41891	77.167	ug/l	98
47) Bromodichloromethane	9.420	83	93722	66.549	ug/l	99
48) Methyl methacrylate	9.219	41	58835	85.137	ug/l	94
49) 1,4-Dioxane	9.231	88	15358	2504.266	ug/l	88
51) 4-Methyl-2-Pentanone	9.993	43	356117	491.146	ug/l	97
52) Toluene	10.170	92	174041	65.835	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	91733	66.744	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	103187	65.530	ug/l	96
55) 1,1,2-Trichloroethane	10.566	97	53268	76.628	ug/l	98
56) Ethyl methacrylate	10.438	69	86962	80.309	ug/l	97
57) 1,3-Dichloropropane	10.713	76	94408	76.437	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	205518	422.850	ug/l	99
59) 2-Hexanone	10.755	43	244674	503.291	ug/l	98
60) Dibromochloromethane	10.908	129	65348	72.426	ug/l	100
61) 1,2-Dibromoethane	11.011	107	53189	82.093	ug/l	98
64) Tetrachloroethene	10.646	164	81498	70.331	ug/l	97
65) Chlorobenzene	11.438	112	176838	62.522	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	61192	62.932	ug/l	99
67) Ethyl Benzene	11.517	91	336807	63.584	ug/l	99
68) m/p-Xylenes	11.627	106	249873	125.187	ug/l	99
69) o-Xylene	11.950	106	117748	62.351	ug/l	98
70) Styrene	11.969	104	191621	60.153	ug/l	98
71) Bromoform	12.127	173	38972	74.256	ug/l #	100
73) Isopropylbenzene	12.249	105	318728	62.670	ug/l	100
74) N-amyl acetate	12.066	43	59007	40.567	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	63212	80.819	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	91405	146.969	ug/l #	100
77) Bromobenzene	12.529	156	64647	59.515	ug/l	95
78) n-propylbenzene	12.590	91	378898	61.766	ug/l	99
79) 2-Chlorotoluene	12.676	91	199091	59.058	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	241844	58.908	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	22785	74.215	ug/l	99
82) 4-Chlorotoluene	12.773	91	196172	56.576	ug/l	99
83) tert-Butylbenzene	12.993	119	225543	61.810	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	235962	57.900	ug/l	99
85) sec-Butylbenzene	13.170	105	332127	61.316	ug/l	100
86) p-Isopropyltoluene	13.292	119	269189	59.090	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	123656	55.765	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	120968	56.714	ug/l	98
89) n-Butylbenzene	13.615	91	246118	57.106	ug/l	100
90) Hexachloroethane	13.877	117	54768	59.556	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	109985	59.049	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11760	93.242	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	54010	50.200	ug/l	99
94) Hexachlorobutadiene	15.023	225	28960	48.267	ug/l	99
95) Naphthalene	15.139	128	151432	74.170	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	48104	52.704	ug/l	98

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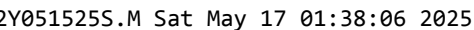
Instrument :
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ClientSampleId :
TP-24MS

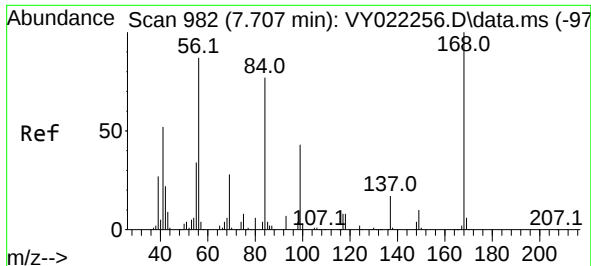
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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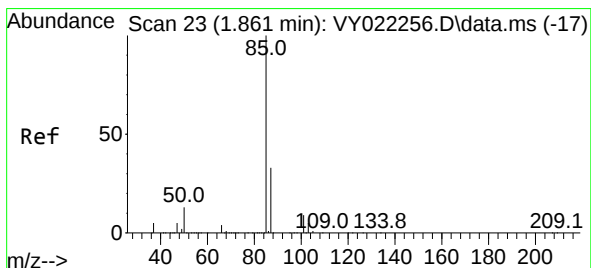
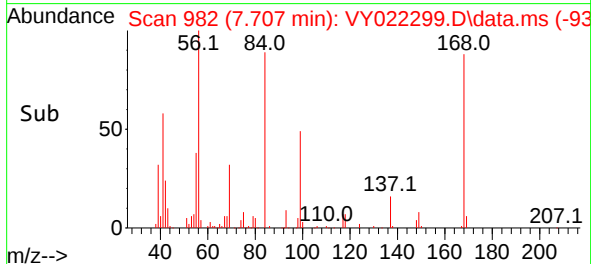
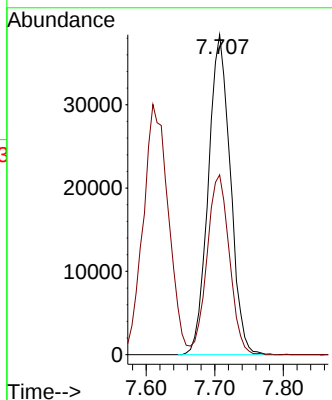
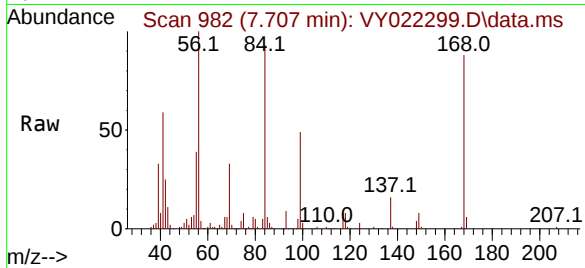




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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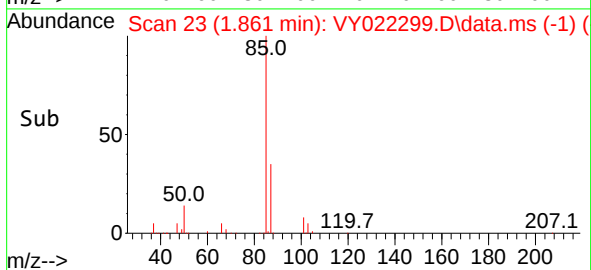
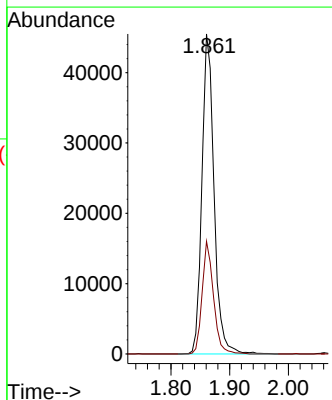
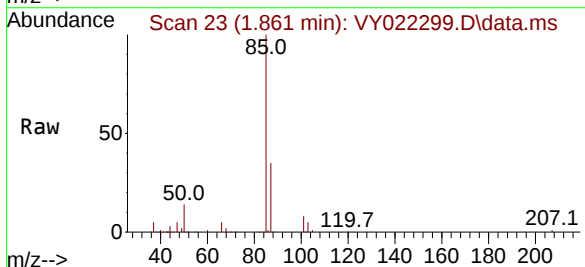
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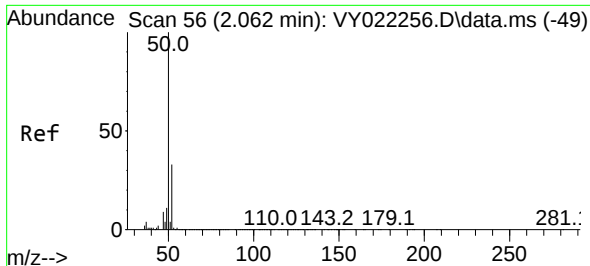
Tgt Ion:168 Resp: 85720
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 73.049 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 85 Resp: 65339
Ion Ratio Lower Upper
85 100
87 35.2 16.5 49.5

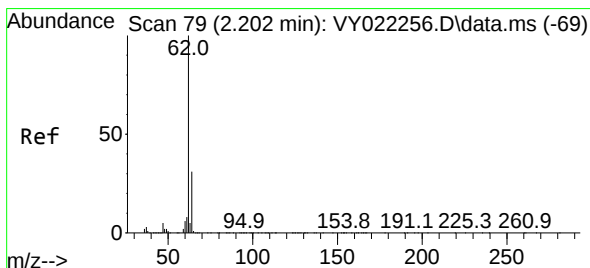
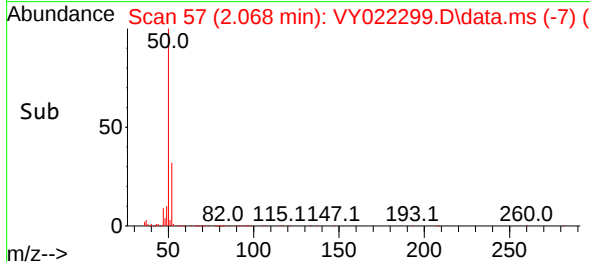
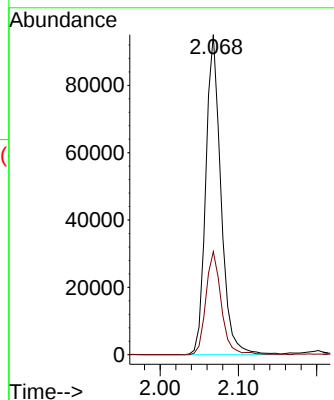
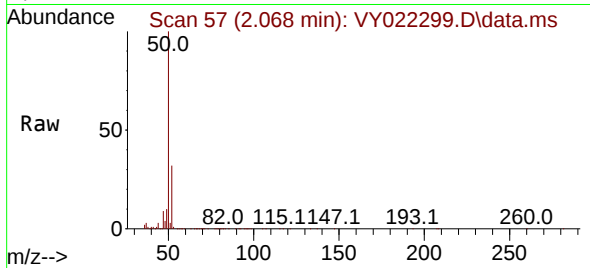




#3
Chloromethane
Concen: 67.820 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

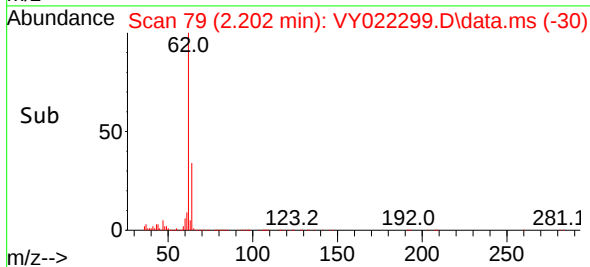
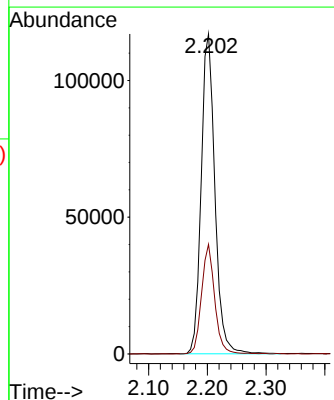
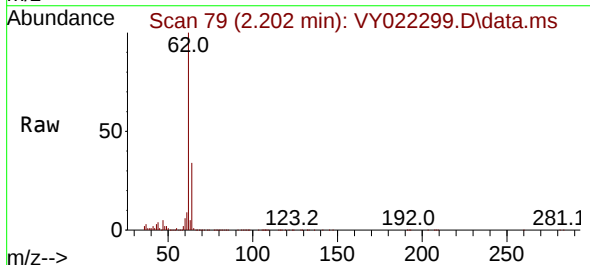
Instrument :
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Tgt Ion: 50 Resp: 127605
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7



#4
Vinyl Chloride
Concen: 89.794 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 62 Resp: 188758
Ion Ratio Lower Upper
62 100
64 34.2 24.5 36.7

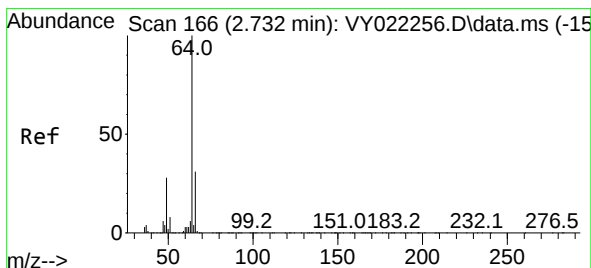
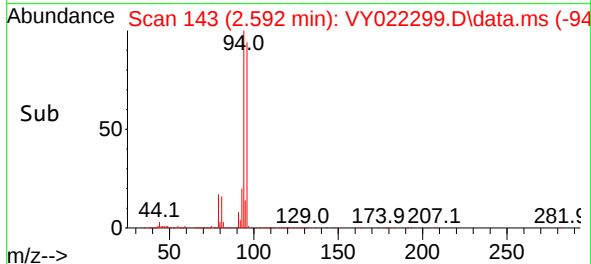
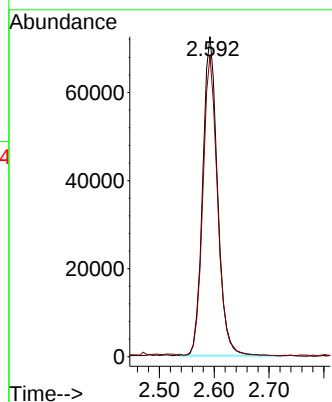
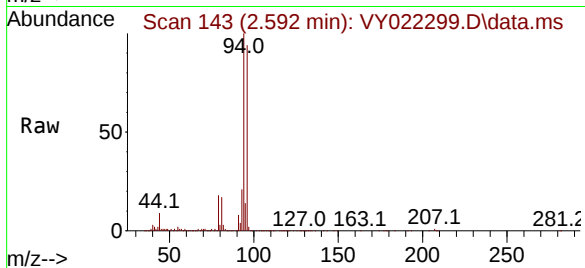




#5
Bromomethane
Concen: 79.832 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

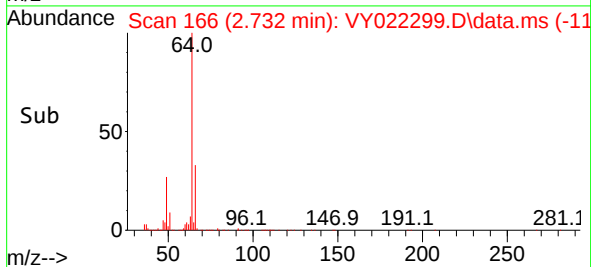
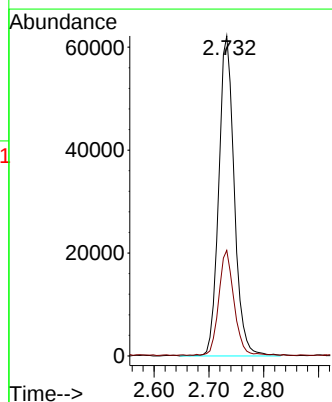
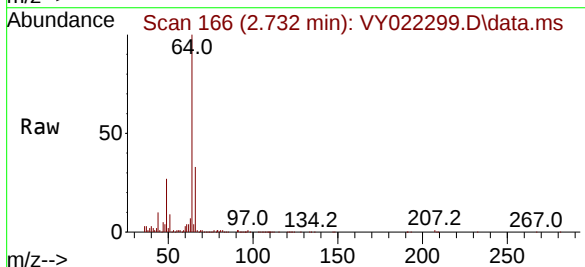
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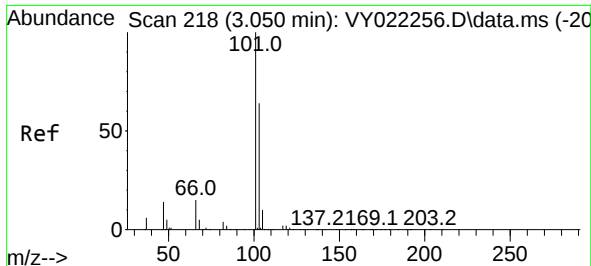
Tgt Ion: 94 Resp: 136613
Ion Ratio Lower Upper
94 100
96 93.9 73.4 110.0



#6
Chloroethane
Concen: 93.572 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022299.D
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Tgt Ion: 64 Resp: 122372
Ion Ratio Lower Upper
64 100
66 32.8 24.8 37.2

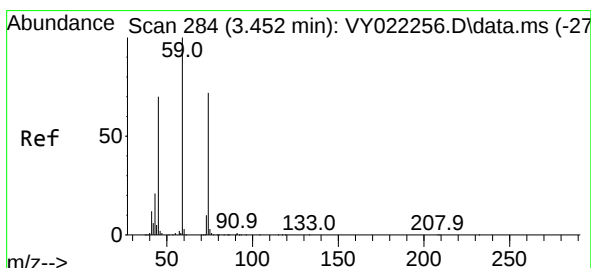
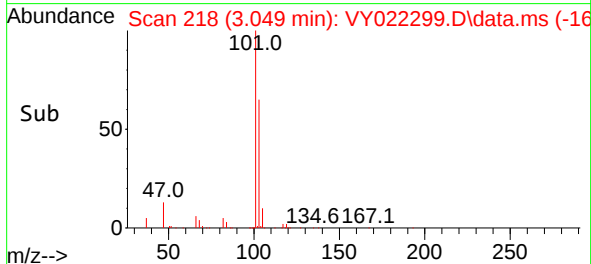
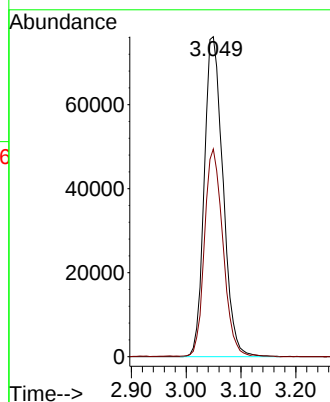
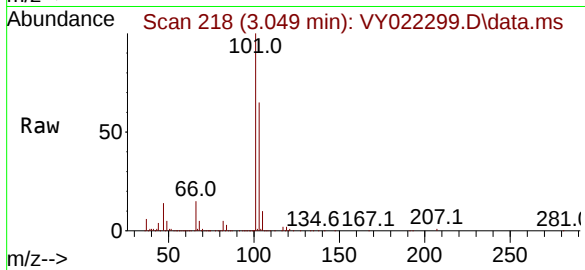




#7
 Trichlorofluoromethane
 Concen: 84.853 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VY022299.D
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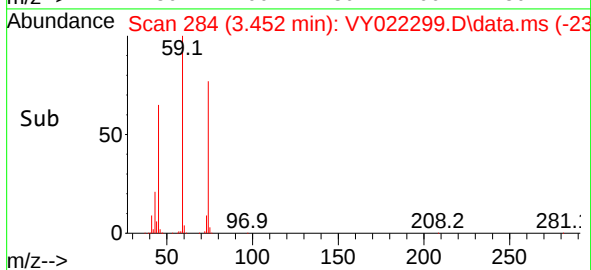
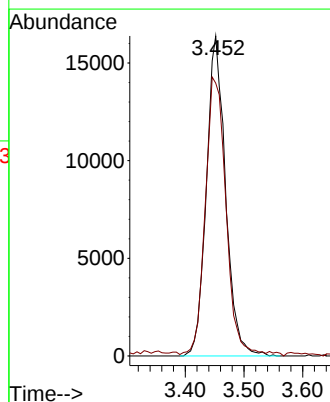
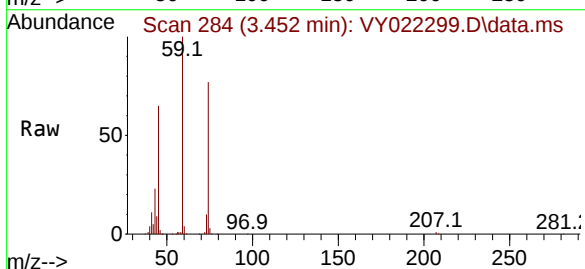
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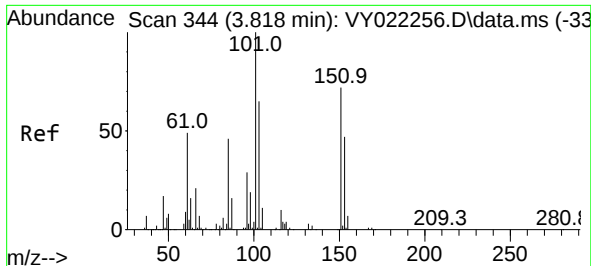
Tgt Ion:101 Resp: 180595
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.7 77.5



#8
 Diethyl Ether
 Concen: 72.716 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022299.D
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Tgt Ion: 74 Resp: 37141
 Ion Ratio Lower Upper
 74 100
 45 92.4 48.6 145.8

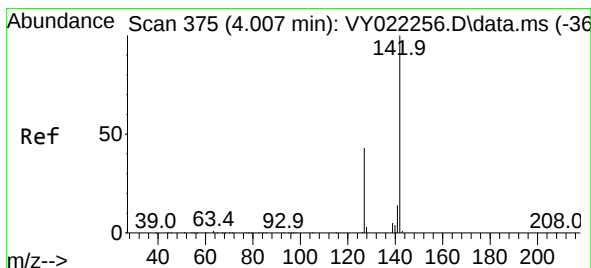
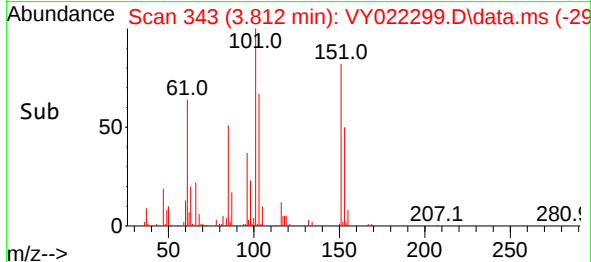
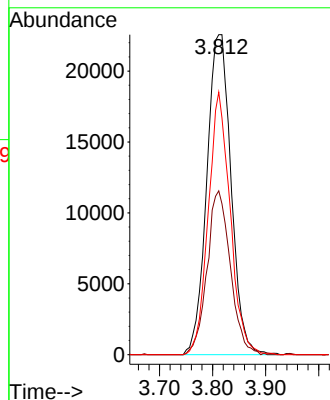
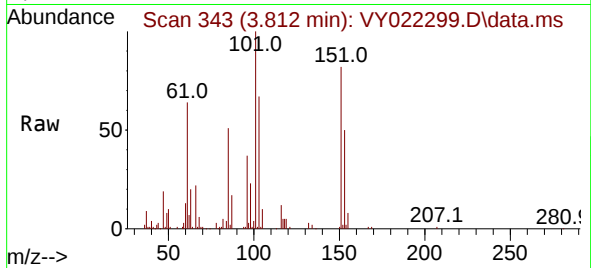




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 77.699 ug/l
 RT: 3.812 min Scan# 344
 Delta R.T. -0.006 min
 Lab File: VY022299.D
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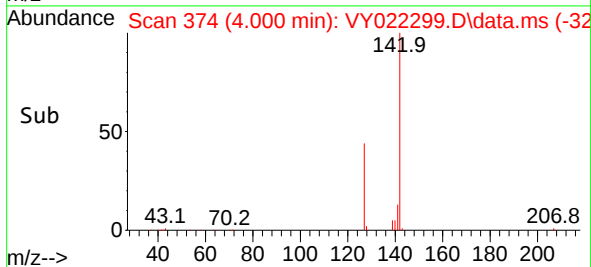
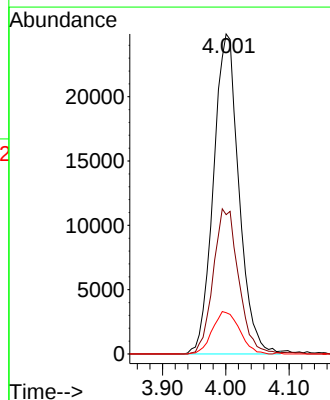
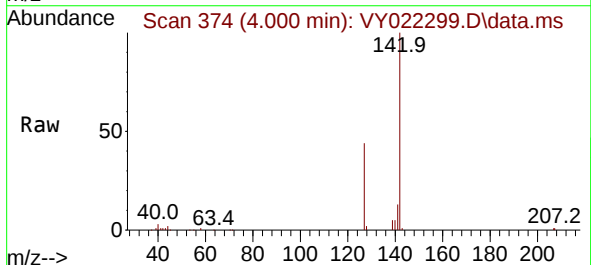
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MS

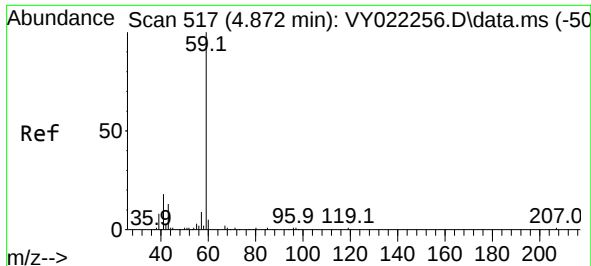
Tgt Ion:101 Resp: 71792
 Ion Ratio Lower Upper
 101 100
 85 49.1 38.6 58.0
 151 74.1 59.7 89.5



#10
 Methyl Iodide
 Concen: 64.970 ug/l
 RT: 4.000 min Scan# 374
 Delta R.T. -0.006 min
 Lab File: VY022299.D
 Acq: 16 May 2025 18:21

Tgt Ion:142 Resp: 69479
 Ion Ratio Lower Upper
 142 100
 127 45.6 35.7 53.5
 141 14.1 11.1 16.7

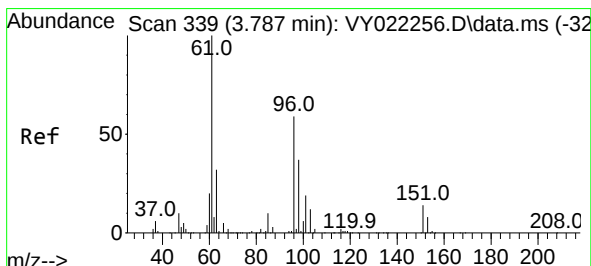
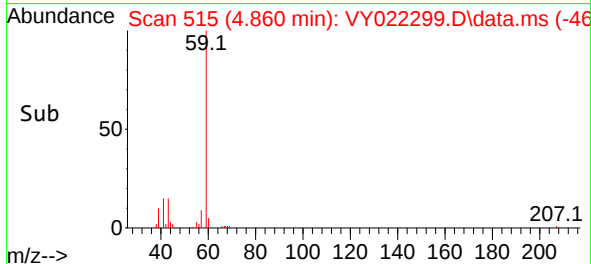
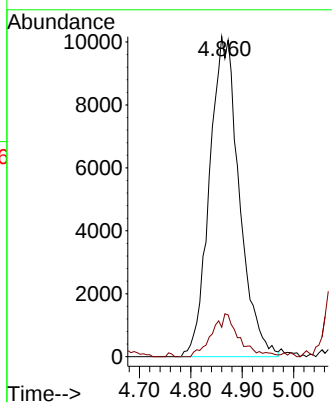
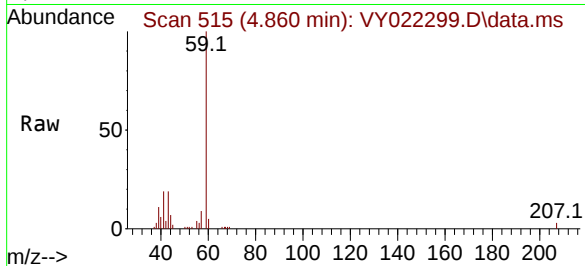




#11
Tert butyl alcohol
Concen: 570.851 ug/l
RT: 4.860 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

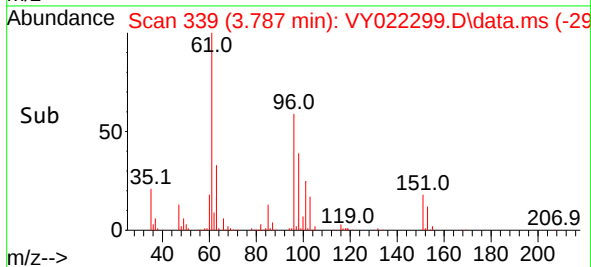
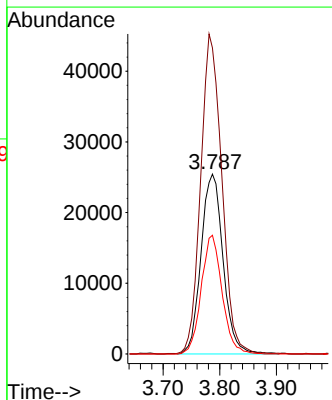
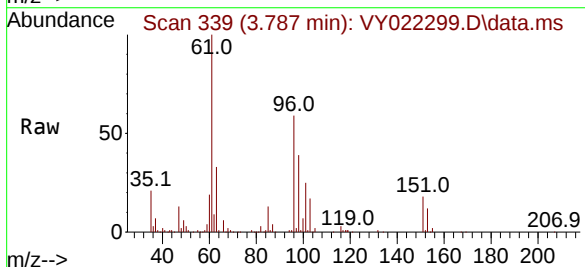
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

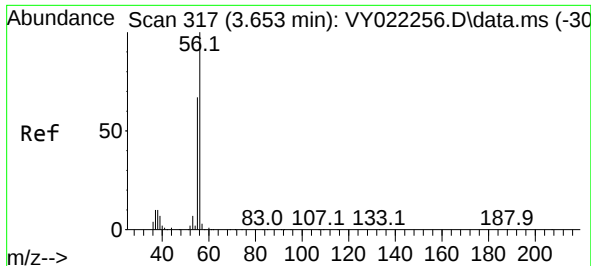
Tgt Ion: 59 Resp: 40839
Ion Ratio Lower Upper
59 100
57 12.1 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 74.926 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 96 Resp: 68701
Ion Ratio Lower Upper
96 100
61 169.8 134.9 202.3
98 66.0 49.9 74.9





#13

Acrolein

Concen: 277.056 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

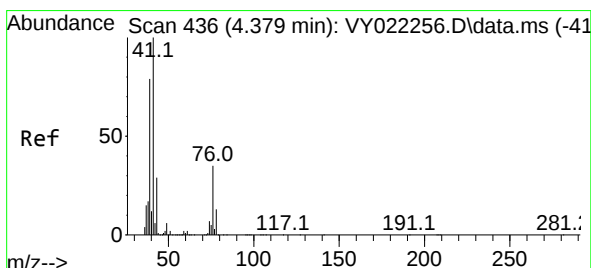
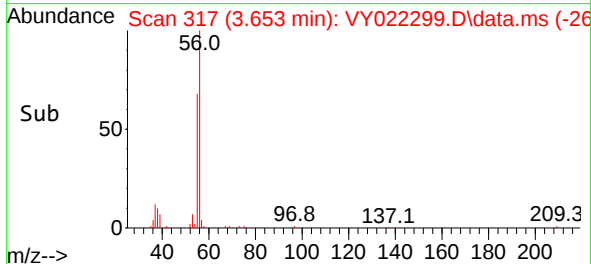
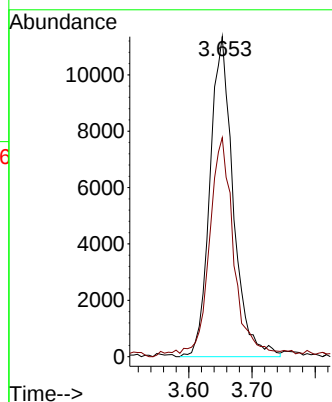
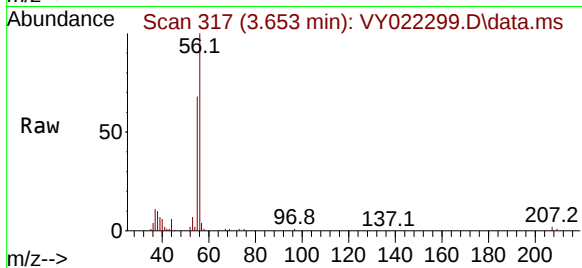
TP-24MS

Tgt Ion: 56 Resp: 28976

Ion Ratio Lower Upper

56 100

55 72.7 55.6 83.4



#14

Allyl chloride

Concen: 65.489 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

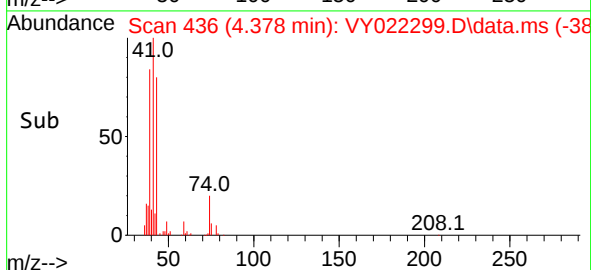
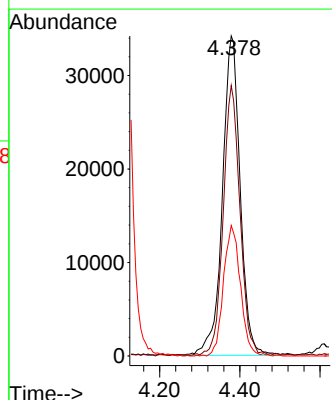
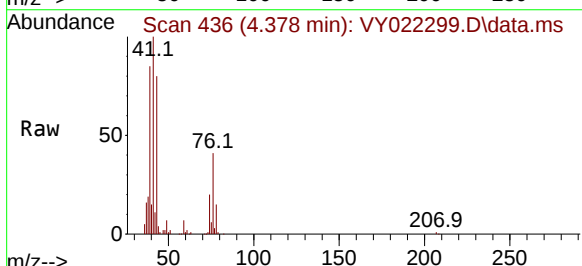
Tgt Ion: 41 Resp: 105288

Ion Ratio Lower Upper

41 100

39 79.7 63.4 95.0

76 38.6 29.5 44.3

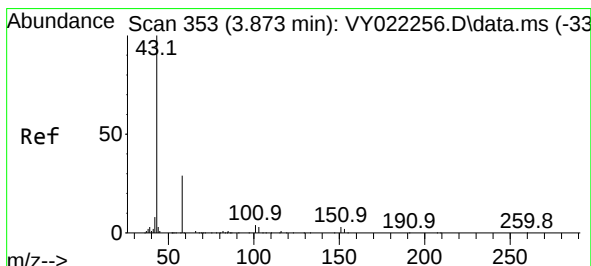
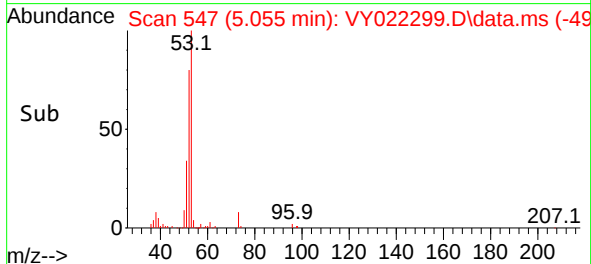
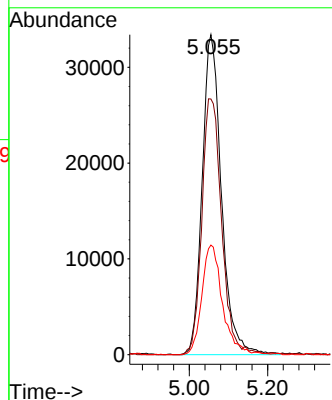
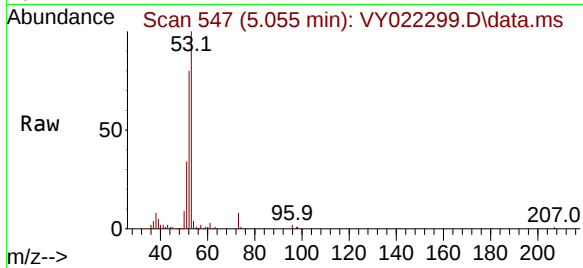




#15
Acrylonitrile
Concen: 542.330 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

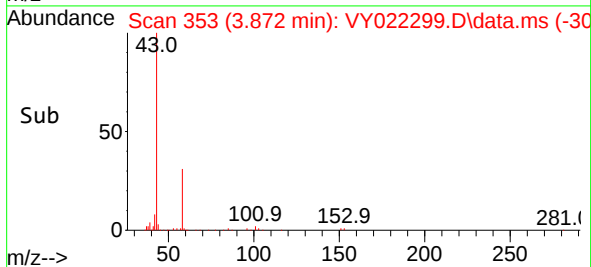
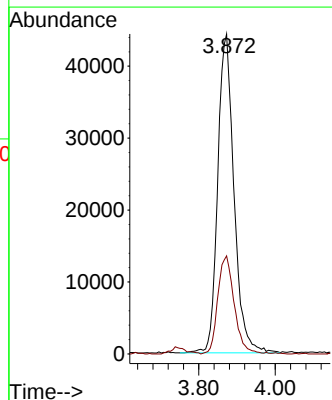
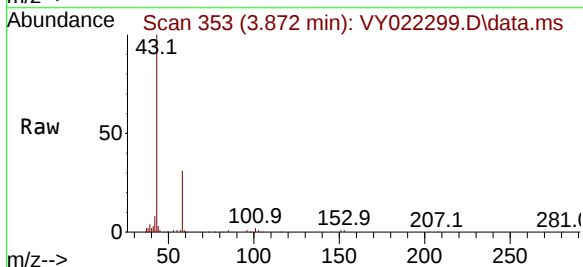
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

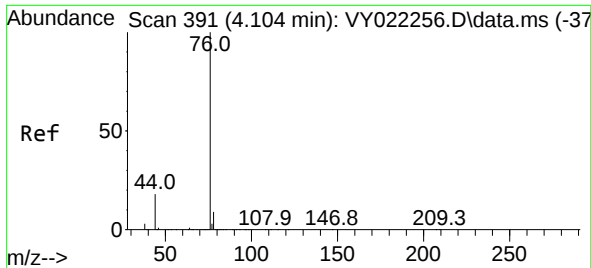
Tgt Ion: 53 Resp: 114139
Ion Ratio Lower Upper
53 100
52 82.2 66.1 99.1
51 36.4 30.0 45.0



#16
Acetone
Concen: 742.054 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 43 Resp: 130352
Ion Ratio Lower Upper
43 100
58 30.5 23.6 35.4

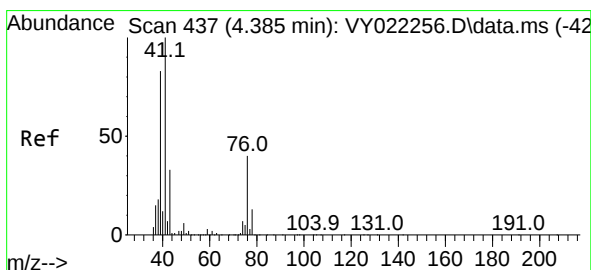
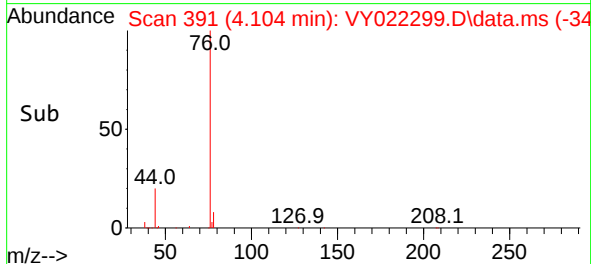
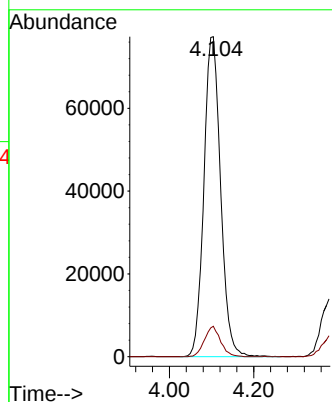
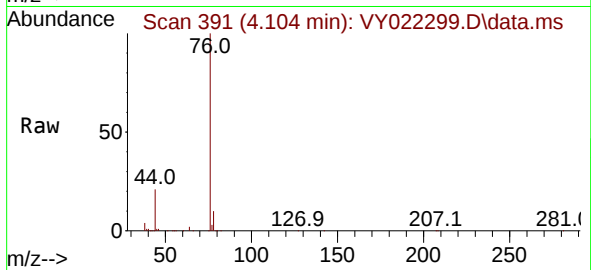




#17
Carbon Disulfide
Concen: 71.290 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

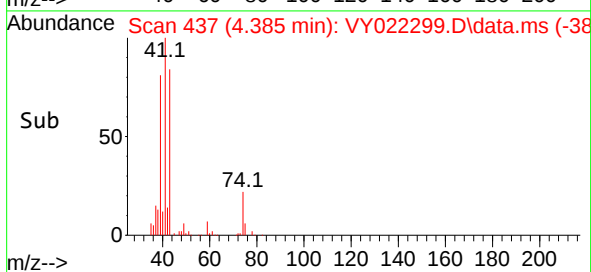
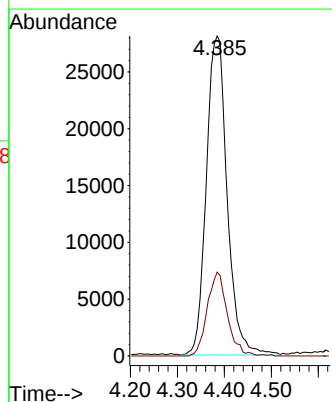
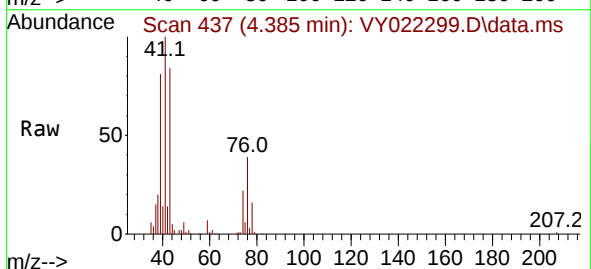
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

Tgt Ion: 76 Resp: 213156
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 156.056 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 43 Resp: 86432
Ion Ratio Lower Upper
43 100
74 25.2 18.2 27.4

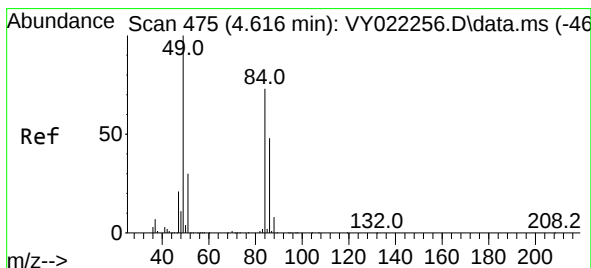
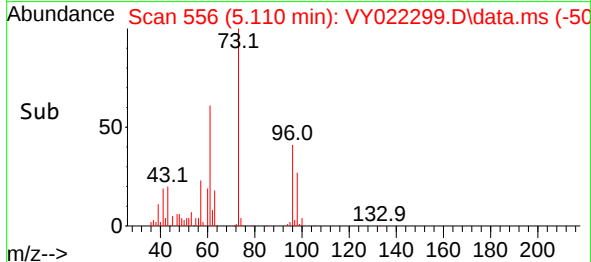
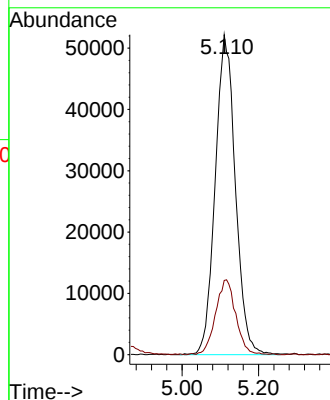
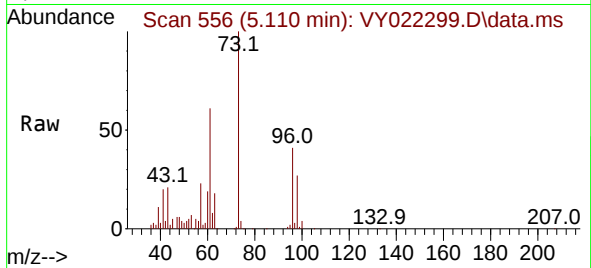




#19
Methyl tert-butyl Ether
Concen: 75.528 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

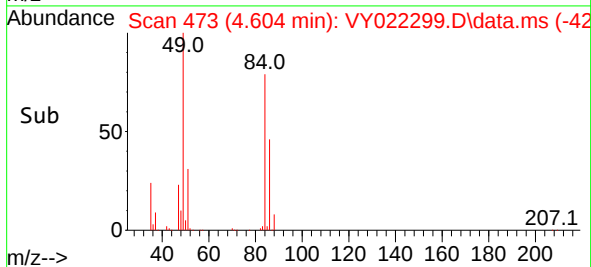
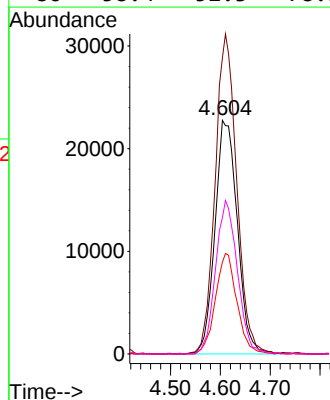
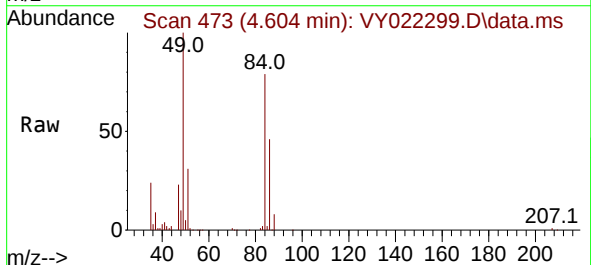
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

Tgt Ion: 73 Resp: 190951
Ion Ratio Lower Upper
73 100
57 23.2 18.6 28.0



#20
Methylene Chloride
Concen: 62.678 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 84 Resp: 71144
Ion Ratio Lower Upper
84 100
49 126.9 109.6 164.4
51 39.1 32.4 48.6
86 58.4 52.3 78.5

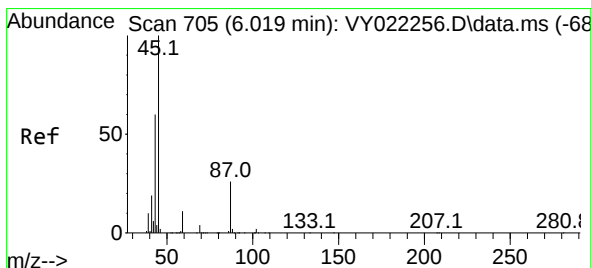
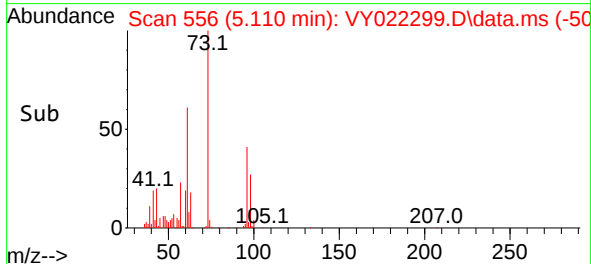
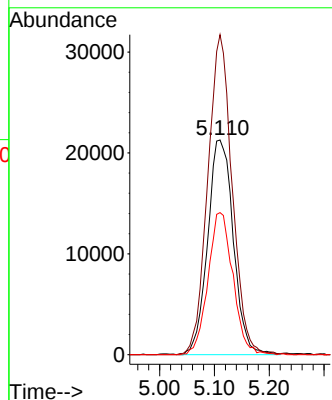
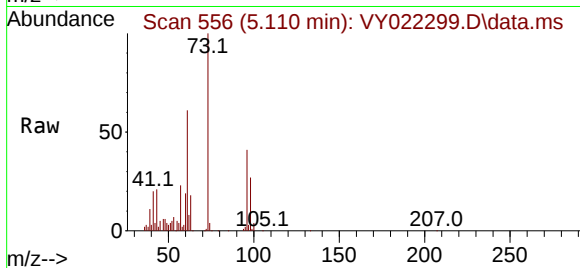




#21
trans-1,2-Dichloroethene
Concen: 68.468 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

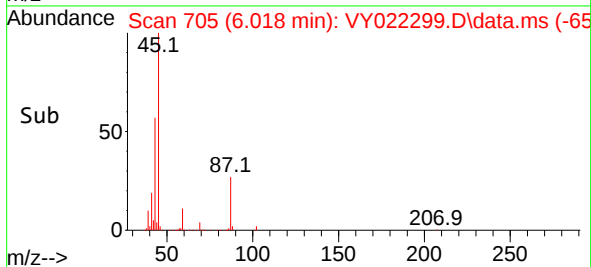
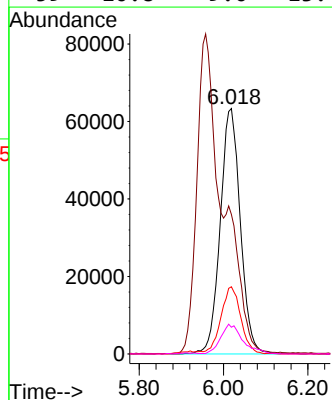
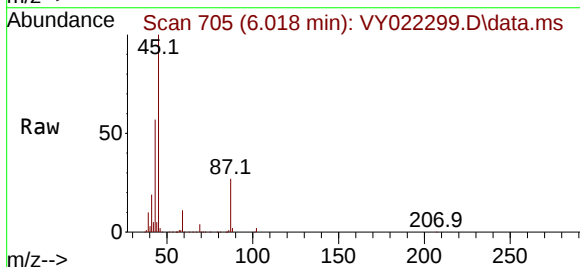
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

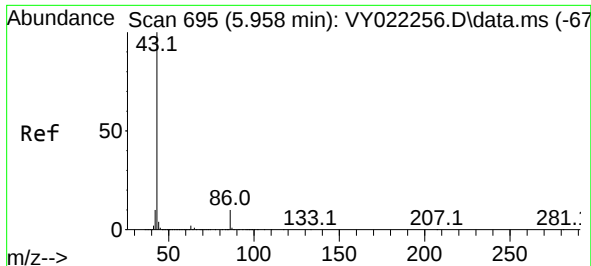
Tgt Ion: 96 Resp: 69295
Ion Ratio Lower Upper
96 100
61 148.6 113.4 170.0
98 66.2 50.9 76.3



#22
Diisopropyl ether
Concen: 61.540 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 45 Resp: 208938
Ion Ratio Lower Upper
45 100
43 56.3 48.2 72.2
87 27.4 21.4 32.0
59 10.8 9.0 13.4

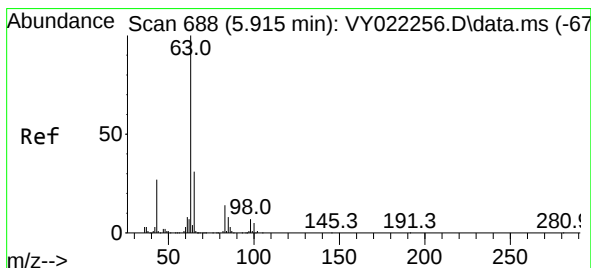
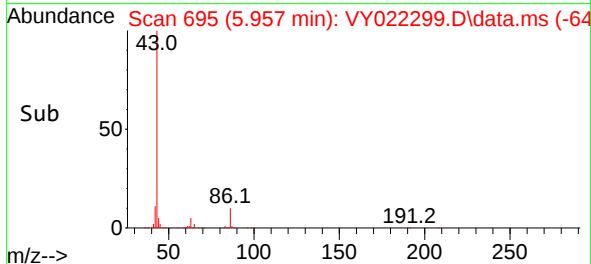
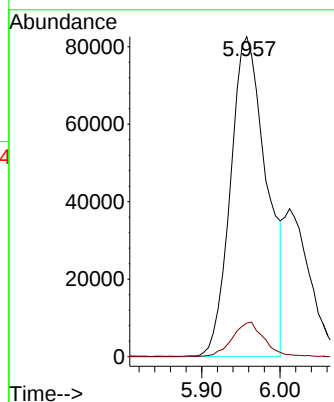
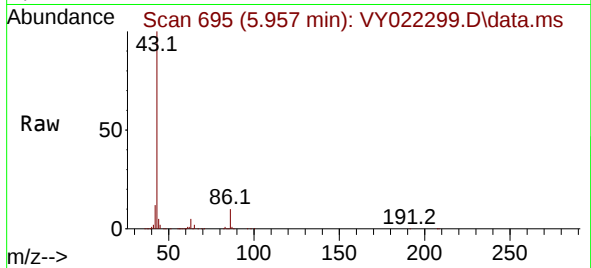




#23
 Vinyl Acetate
 Concen: 128.687 ug/l
 RT: 5.957 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VY022299.D
 Acq: 16 May 2025 18:21

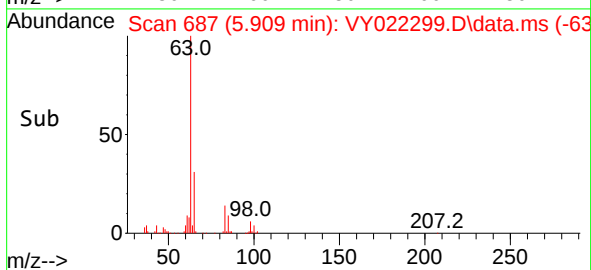
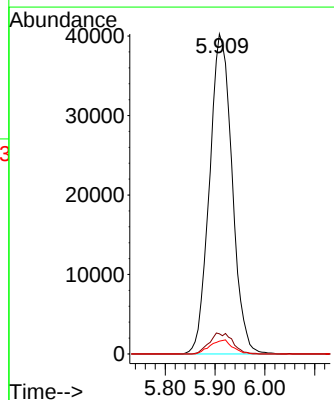
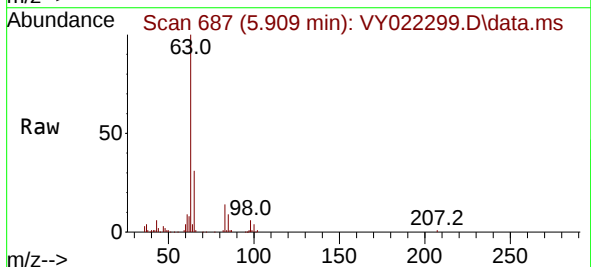
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MS

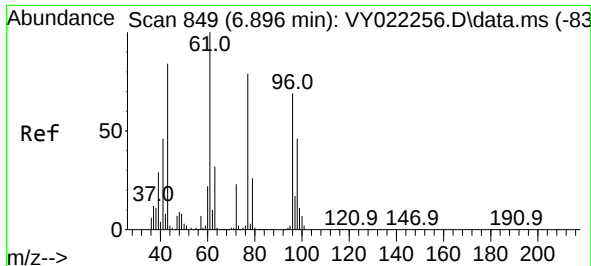
Tgt Ion: 43 Resp: 263957
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 66.768 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022299.D
 Acq: 16 May 2025 18:21

Tgt Ion: 63 Resp: 126647
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.5
 100 4.0 2.4 7.2





#25

2-Butanone

Concen: 535.493 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

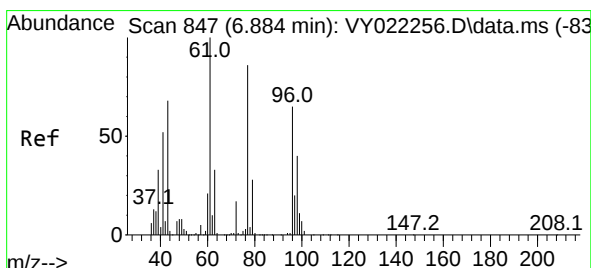
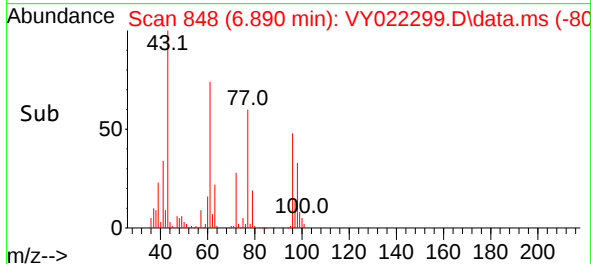
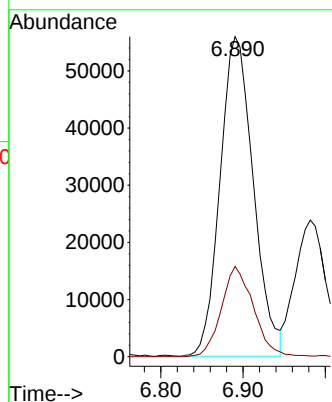
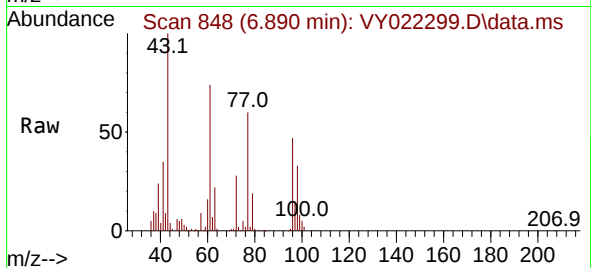
TP-24MS

Tgt Ion: 43 Resp: 157346

Ion Ratio Lower Upper

43 100

72 28.3 22.1 33.1



#26

2,2-Dichloropropane

Concen: 66.521 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY022299.D

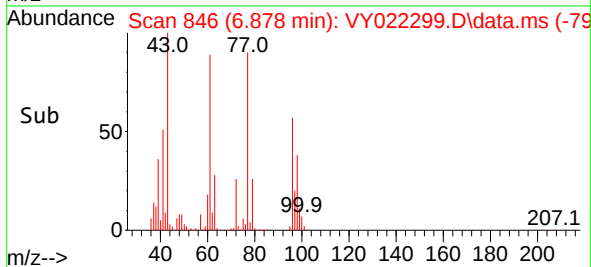
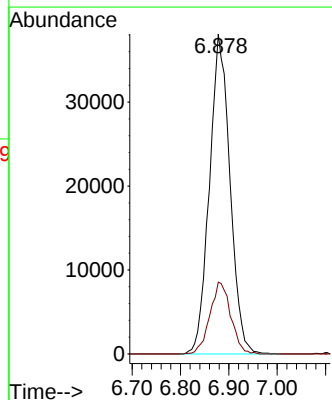
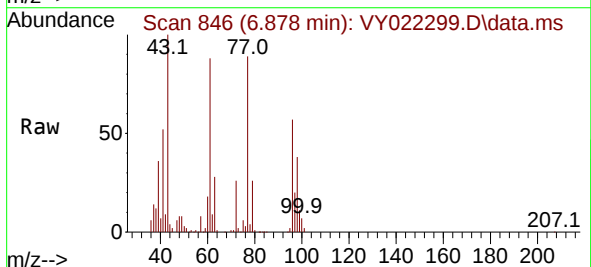
Acq: 16 May 2025 18:21

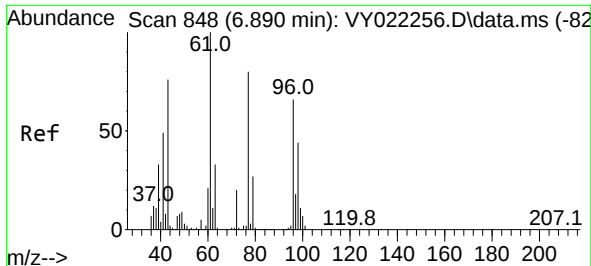
Tgt Ion: 77 Resp: 112228

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5

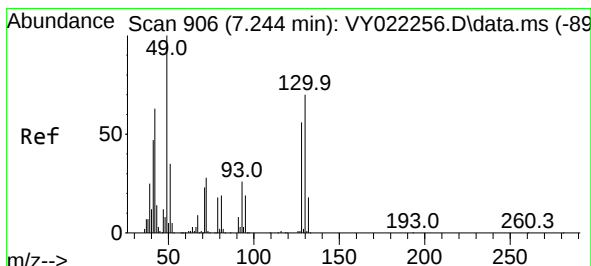
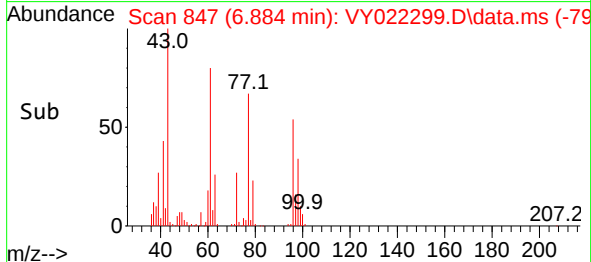
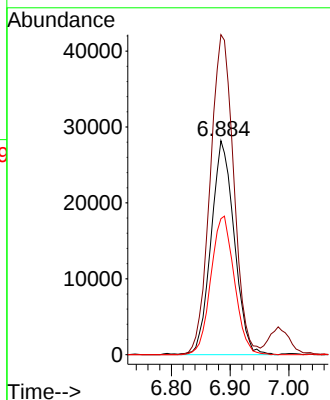
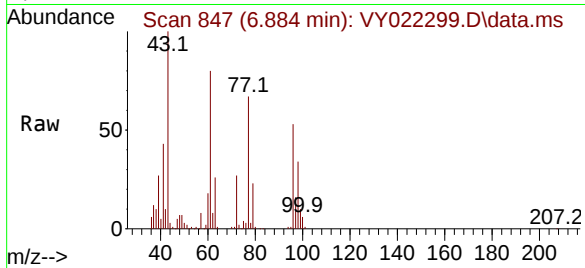




#27
 cis-1,2-Dichloroethene
 Concen: 66.113 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY022299.D
 Acq: 16 May 2025 18:21

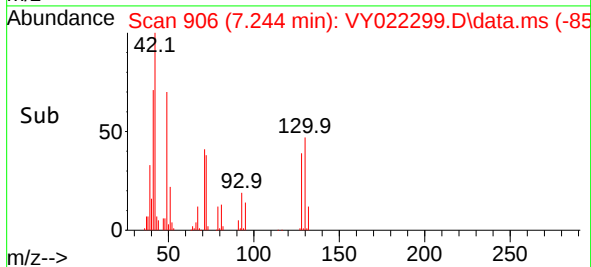
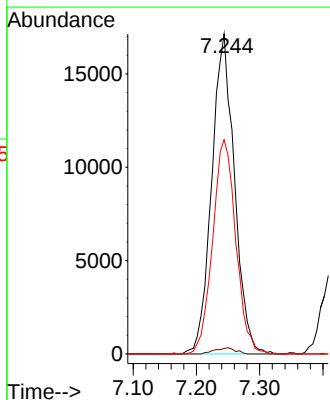
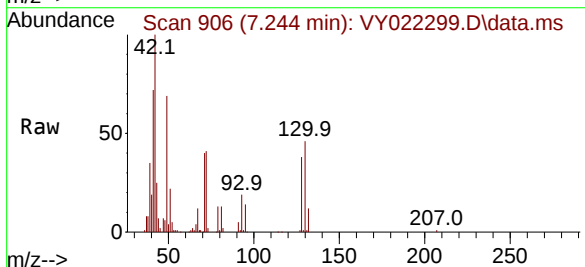
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MS

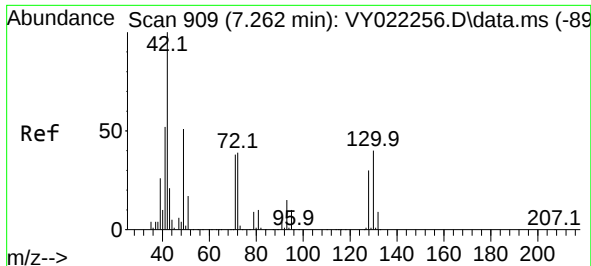
Tgt Ion: 96 Resp: 77214
 Ion Ratio Lower Upper
 96 100
 61 152.6 0.0 302.6
 98 65.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.880 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022299.D
 Acq: 16 May 2025 18:21

Tgt Ion: 49 Resp: 42784
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 68.2 54.7 82.1





#29

Tetrahydrofuran

Concen: 529.087 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

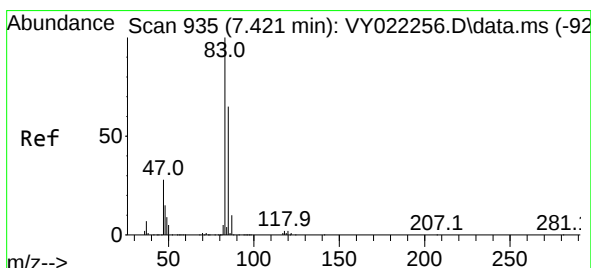
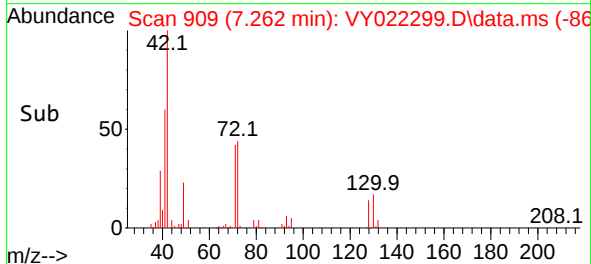
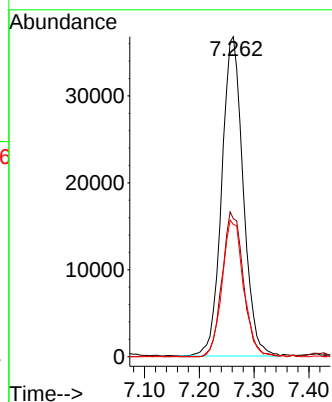
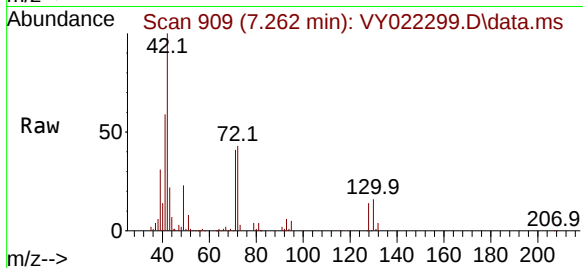
Tgt Ion: 42 Resp: 100018

Ion Ratio Lower Upper

42 100

72 45.0 33.8 50.6

71 42.9 31.5 47.3



#30

Chloroform

Concen: 67.889 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY022299.D

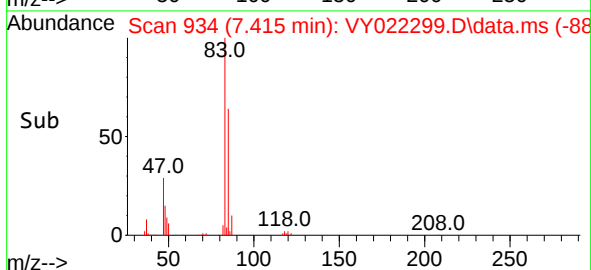
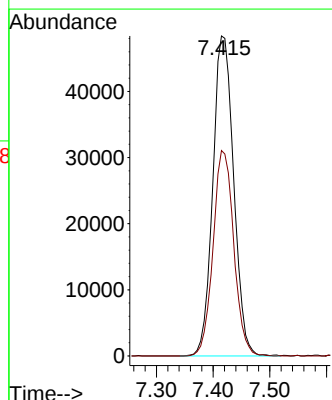
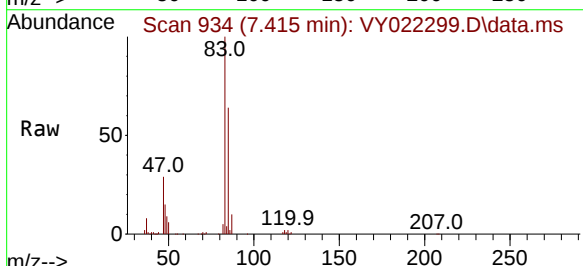
Acq: 16 May 2025 18:21

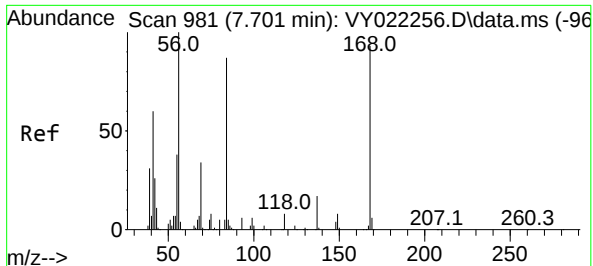
Tgt Ion: 83 Resp: 123518

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.8

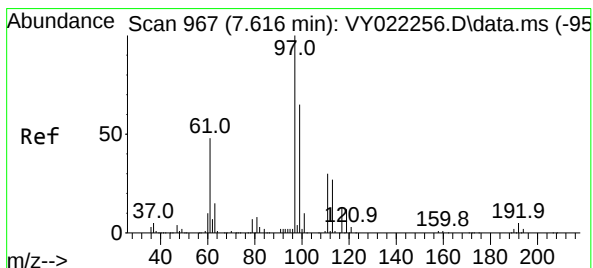
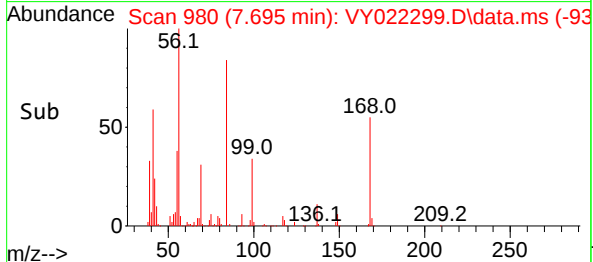
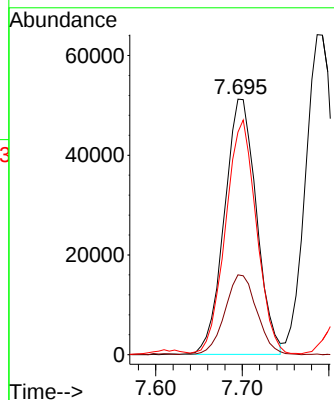
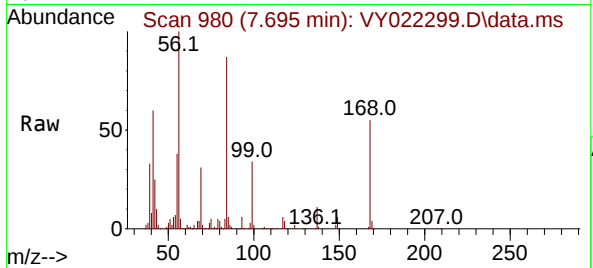




#31
Cyclohexane
Concen: 69.562 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

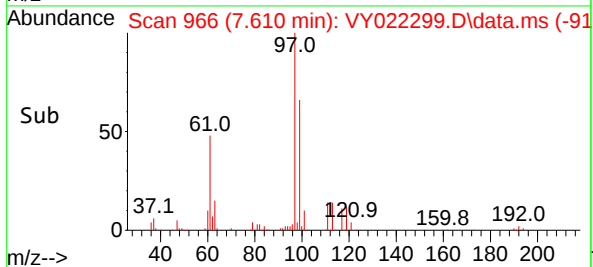
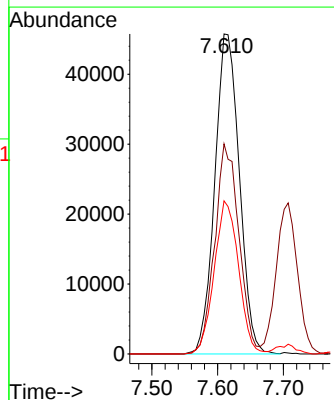
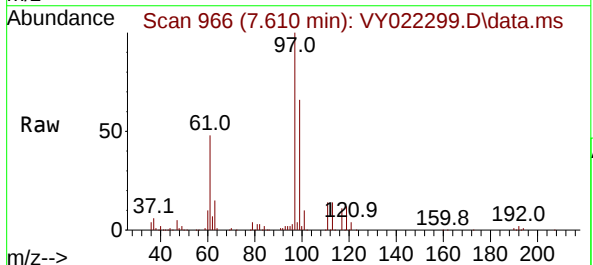
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

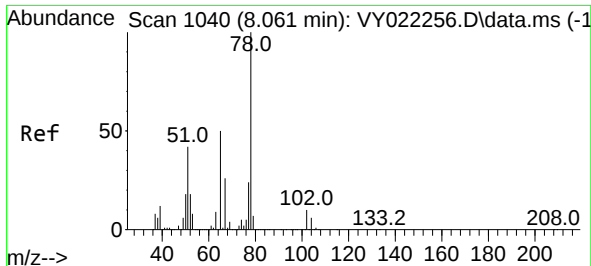
Tgt Ion: 56 Resp: 131833
Ion Ratio Lower Upper
56 100
69 31.2 27.4 41.2
84 85.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 71.368 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 97 Resp: 119128
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 47.5 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 57.308 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

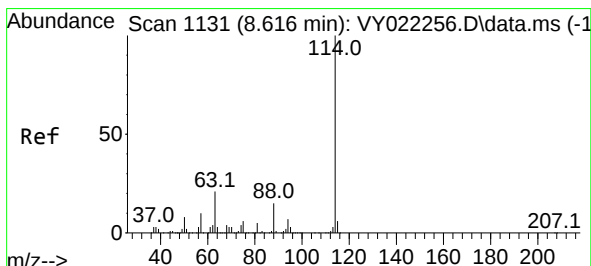
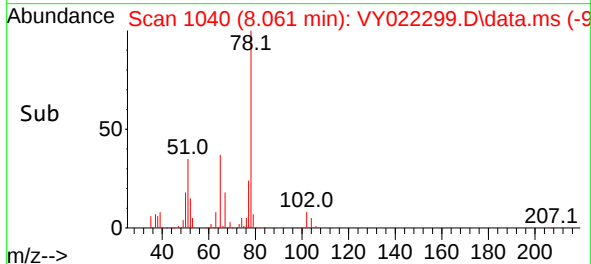
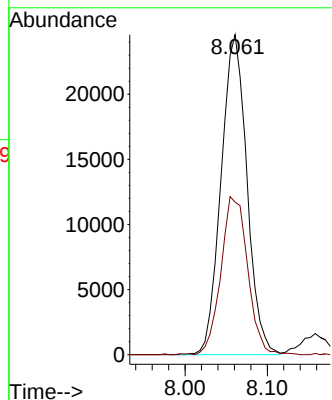
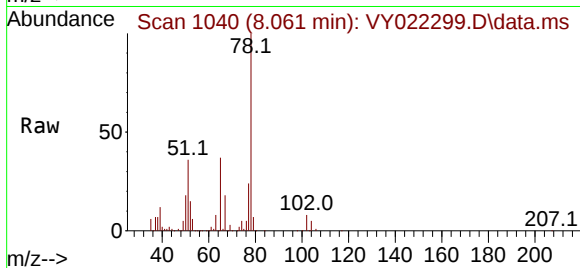
TP-24MS

Tgt Ion: 65 Resp: 53688

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

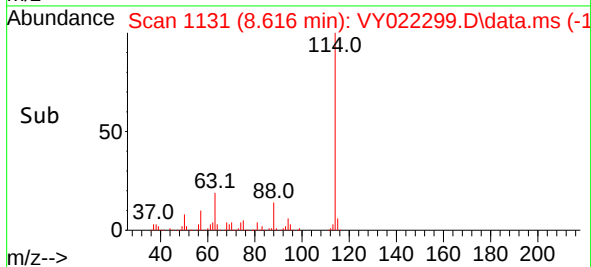
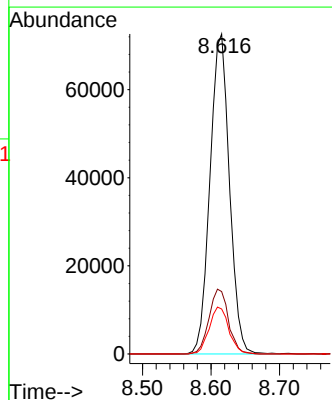
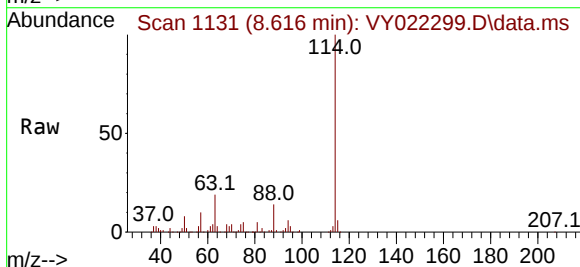
Tgt Ion: 114 Resp: 143246

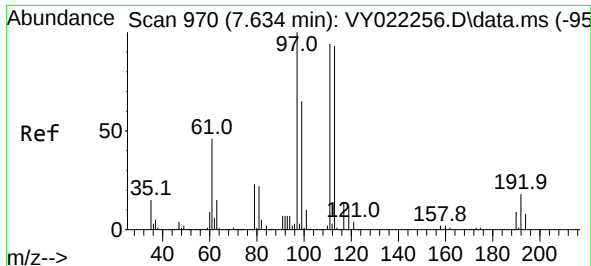
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.0

88 14.0 0.0 29.4

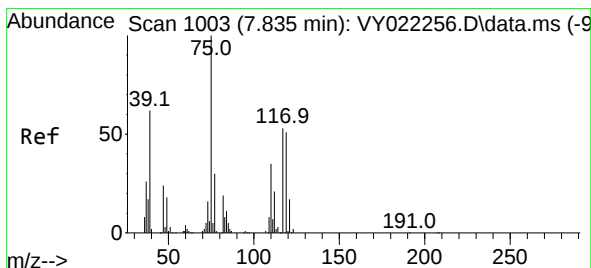
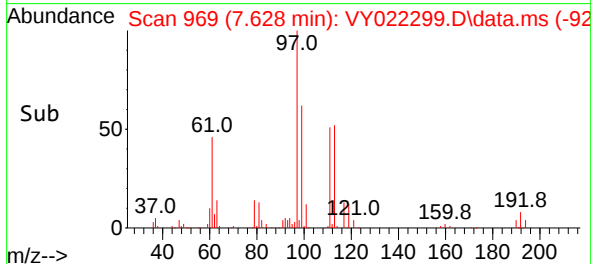
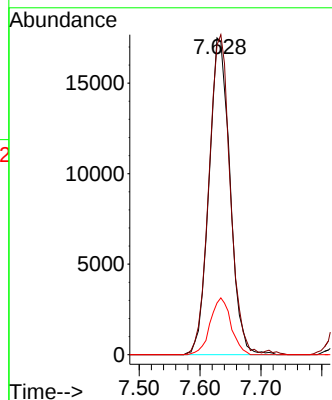
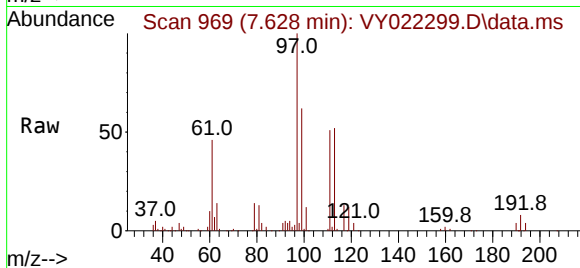




#35
Dibromofluoromethane
Concen: 49.074 ug/l
RT: 7.628 min Scan# 919
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

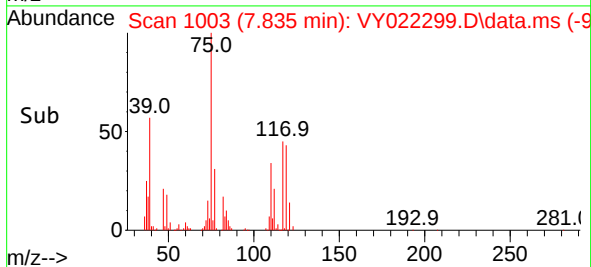
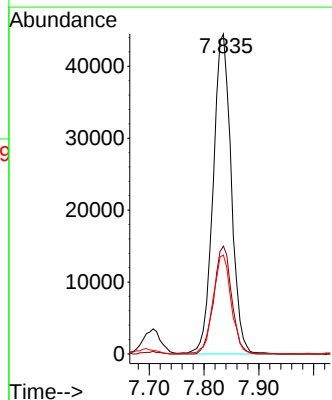
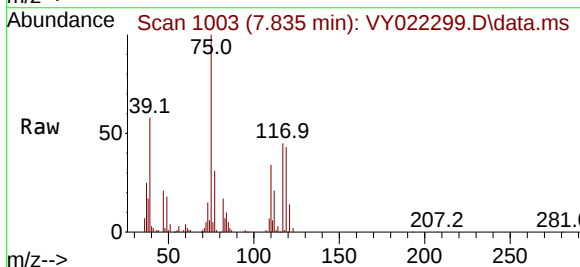
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

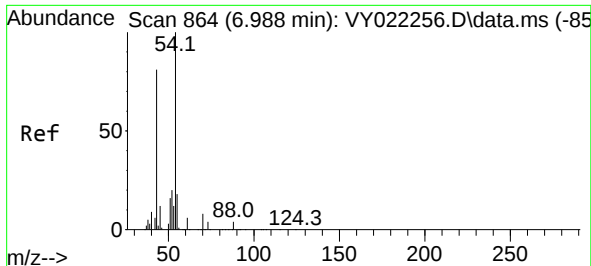
Tgt Ion:113 Resp: 41957
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 17.7 15.2 22.8



#36
1,1-Dichloropropene
Concen: 72.285 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 75 Resp: 101794
Ion Ratio Lower Upper
75 100
110 33.2 16.6 49.8
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 95.855 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

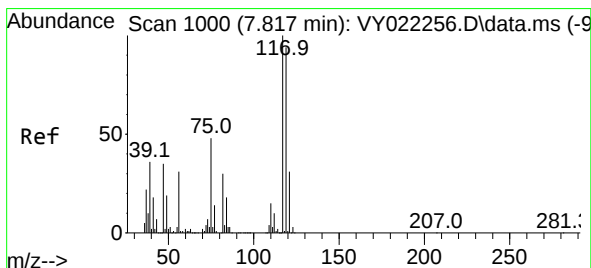
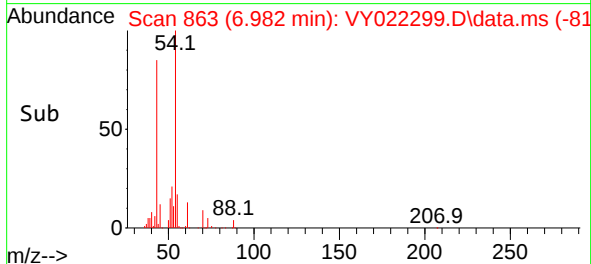
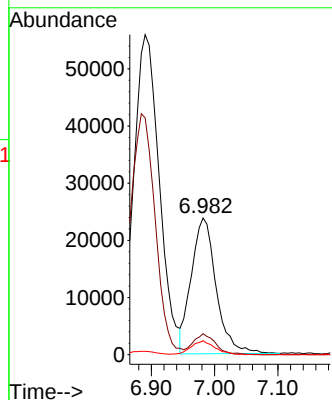
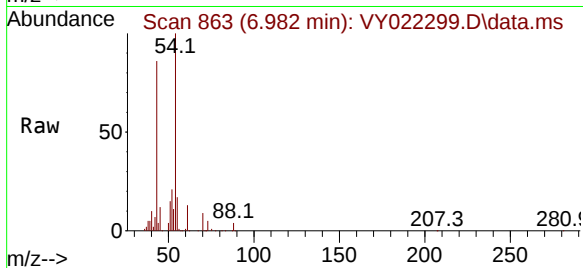
Tgt Ion: 43 Resp: 64949

Ion Ratio Lower Upper

43 100

61 13.9 10.2 15.2

70 9.8 7.6 11.4



#38

Carbon Tetrachloride

Concen: 71.817 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

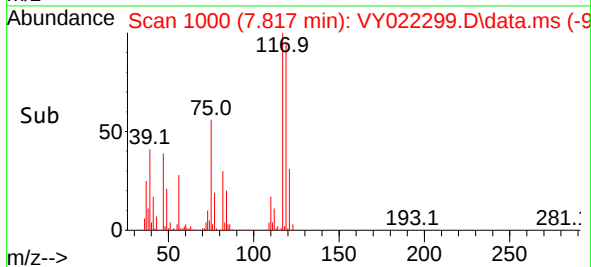
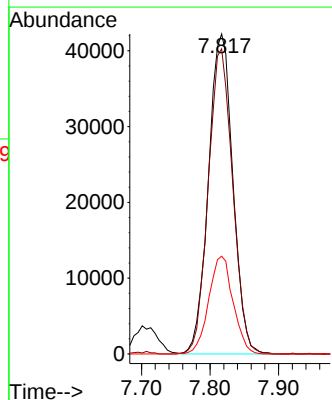
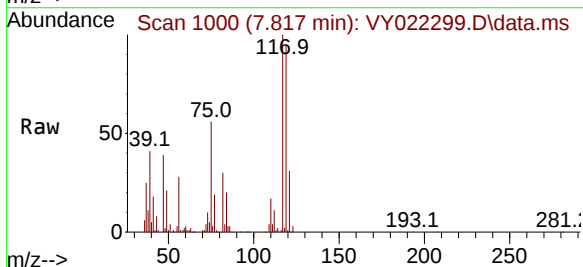
Tgt Ion: 117 Resp: 104687

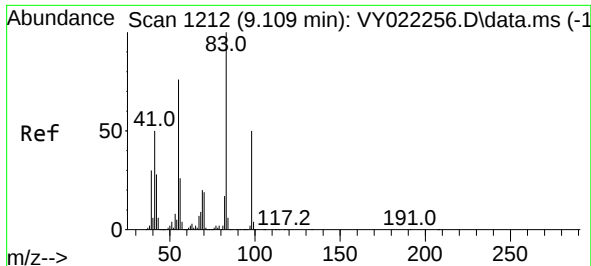
Ion Ratio Lower Upper

117 100

119 95.3 75.3 112.9

121 30.6 24.7 37.1





#39

Methylcyclohexane

Concen: 71.859 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

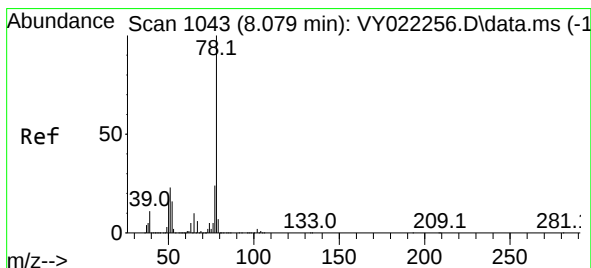
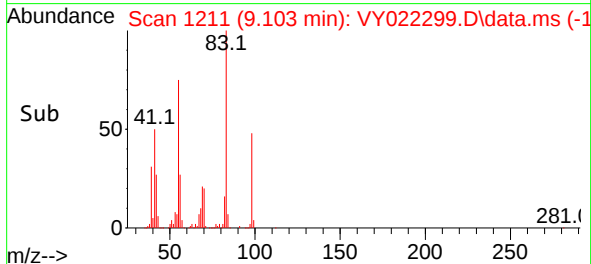
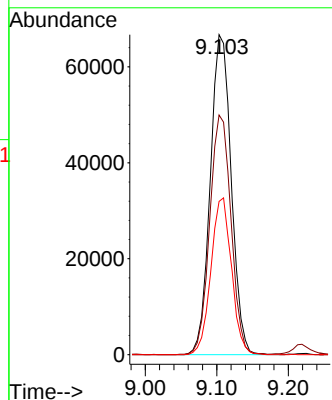
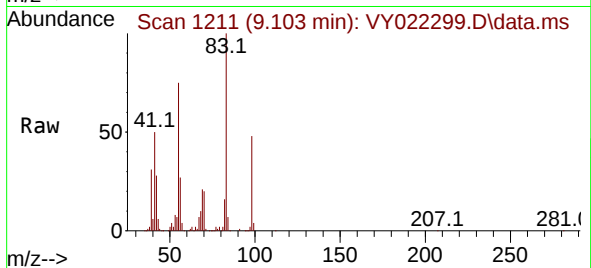
Tgt Ion: 83 Resp: 135954

Ion Ratio Lower Upper

83 100

55 74.8 60.6 90.8

98 47.9 40.0 60.0



#40

Benzene

Concen: 66.995 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022299.D

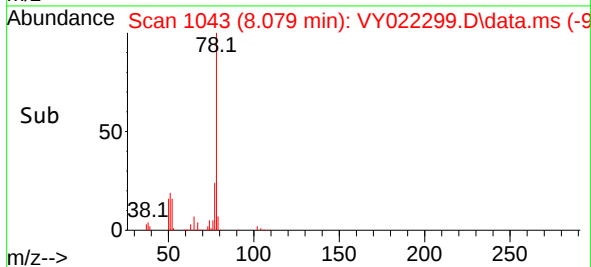
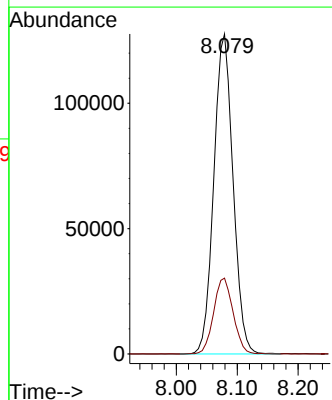
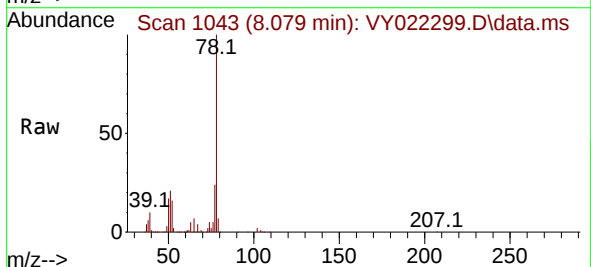
Acq: 16 May 2025 18:21

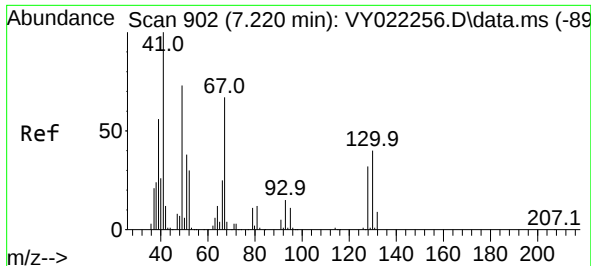
Tgt Ion: 78 Resp: 279688

Ion Ratio Lower Upper

78 100

77 23.7 18.9 28.3

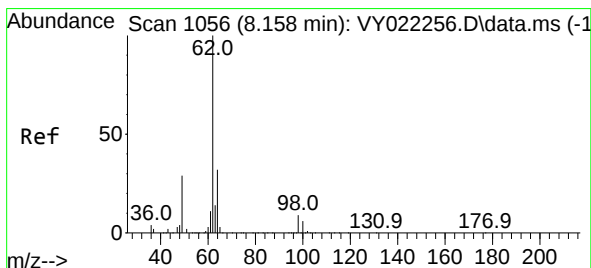
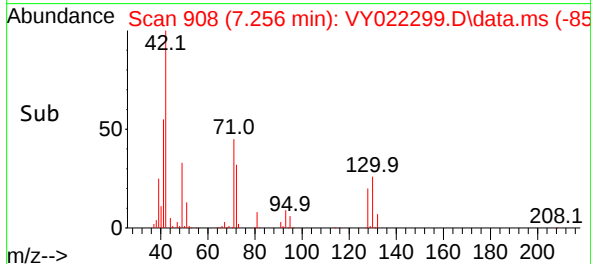
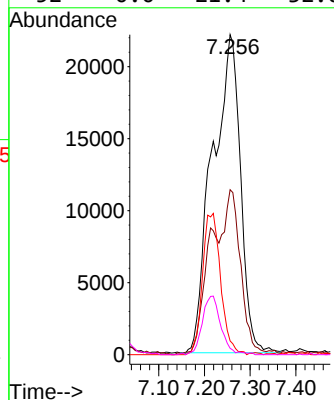
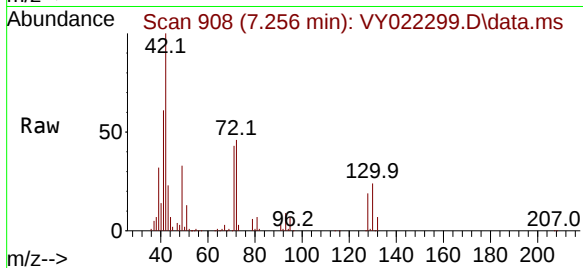




#41
Methacrylonitrile
Concen: 209.336 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.037 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

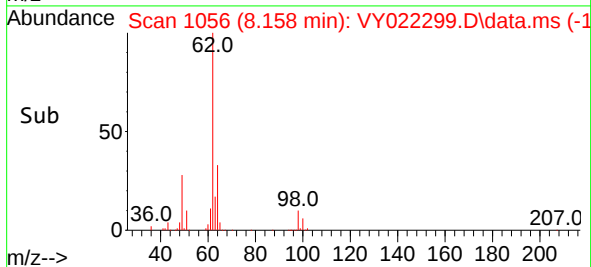
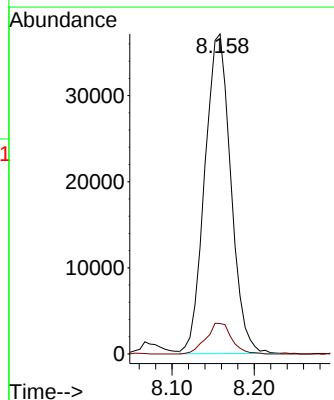
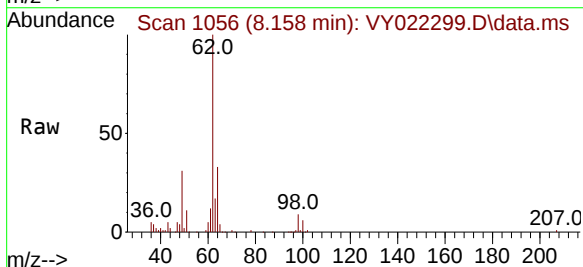
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

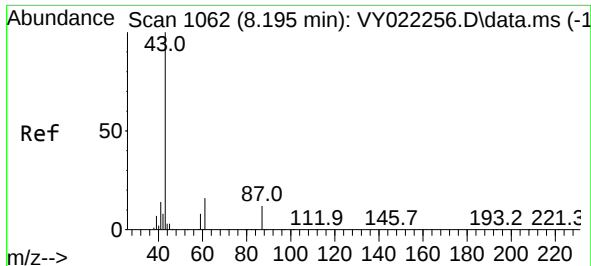
Tgt Ion:	41	Resp:	94089
Ion Ratio	Lower	Upper	
41	100		
39	28.4	39.1	58.7#
67	0.0	47.1	70.7#
52	0.0	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 72.400 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion:	62	Resp:	81737
Ion Ratio	Lower	Upper	
62	100		
98	9.5	0.0	18.4

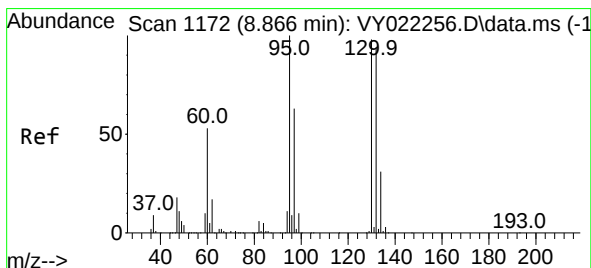
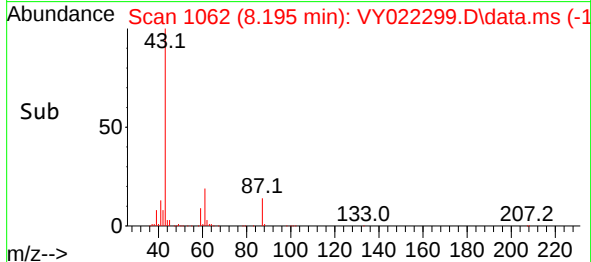
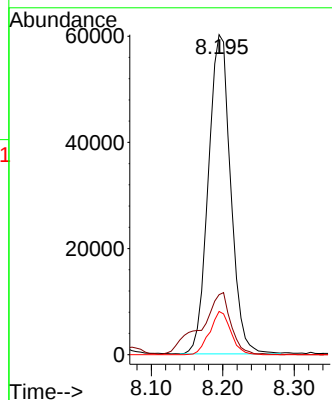
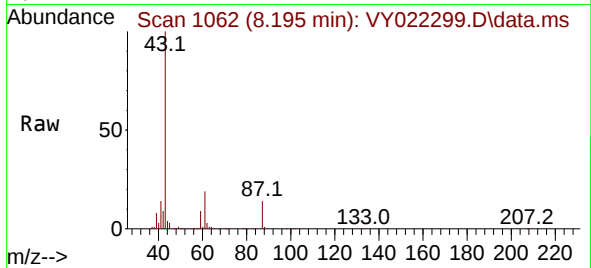




#43
Isopropyl Acetate
Concen: 88.224 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

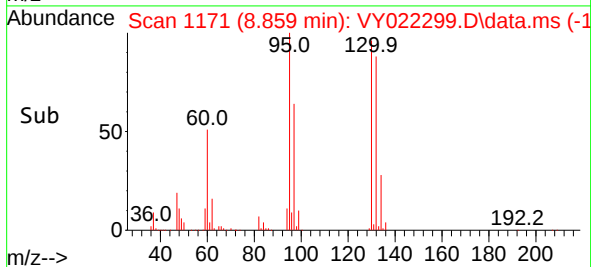
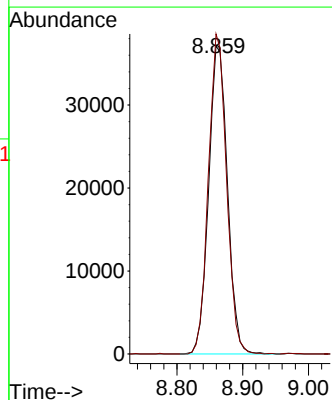
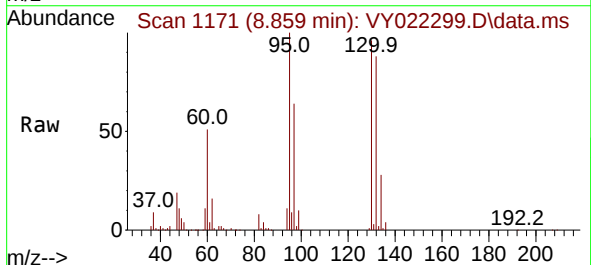
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

Tgt Ion: 43 Resp: 130369
Ion Ratio Lower Upper
43 100
61 26.2 15.1 22.7#
87 12.8 9.7 14.5



#44
Trichloroethene
Concen: 71.107 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion:130 Resp: 73812
Ion Ratio Lower Upper
130 100
95 103.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 65.331 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

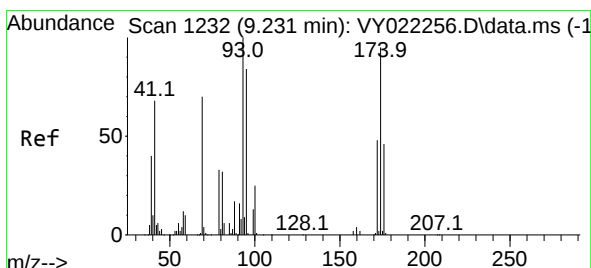
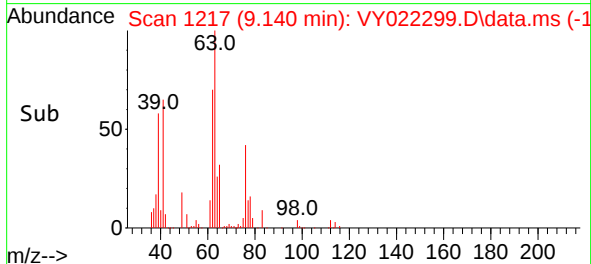
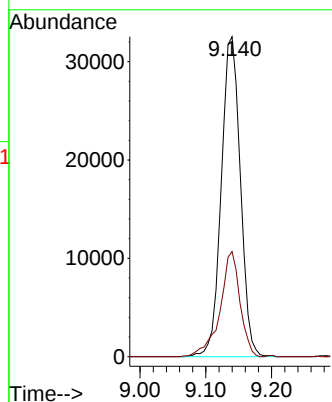
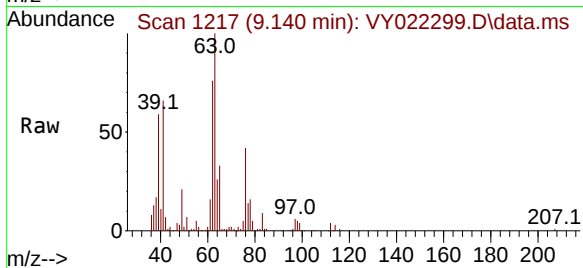
TP-24MS

Tgt Ion: 63 Resp: 65755

Ion Ratio Lower Upper

63 100

65 32.8 25.7 38.5



#46

Dibromomethane

Concen: 77.167 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

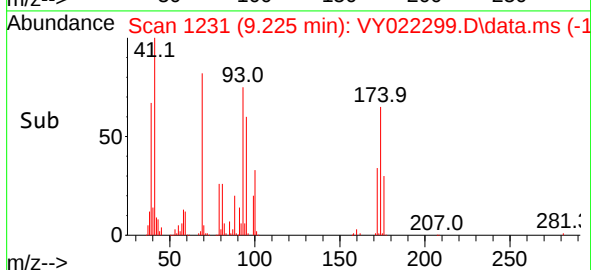
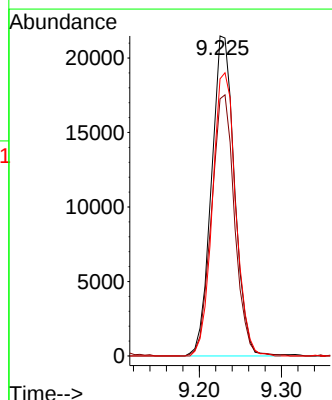
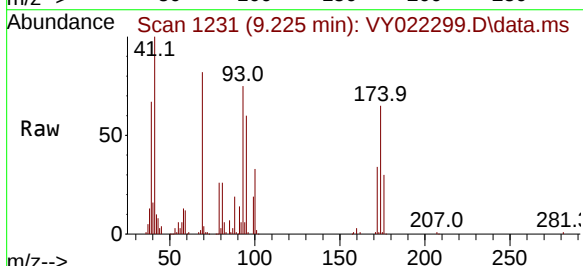
Tgt Ion: 93 Resp: 41891

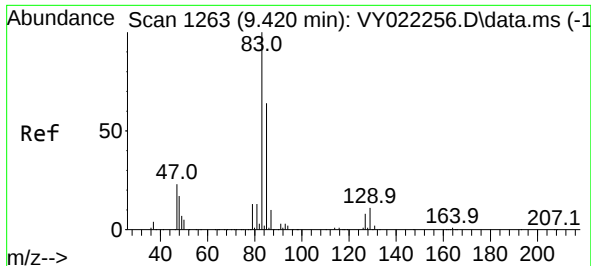
Ion Ratio Lower Upper

93 100

95 81.8 65.2 97.8

174 89.0 74.3 111.5

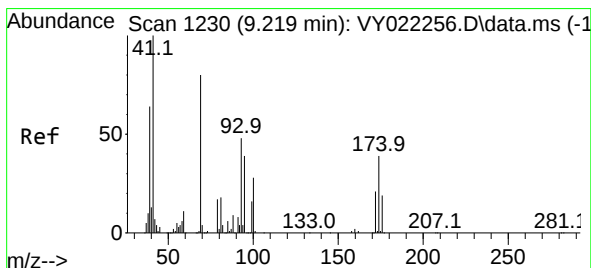
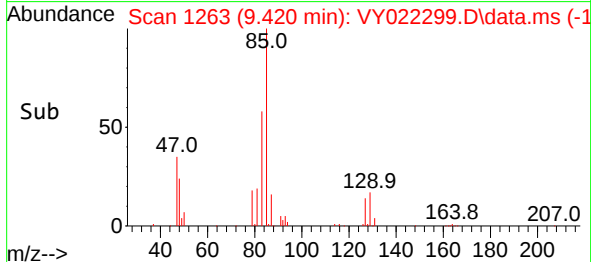
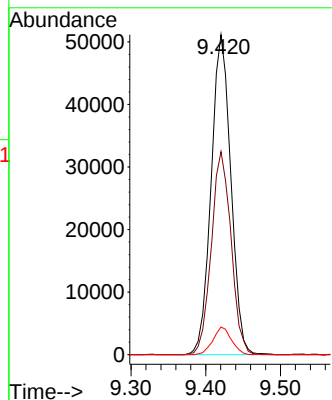
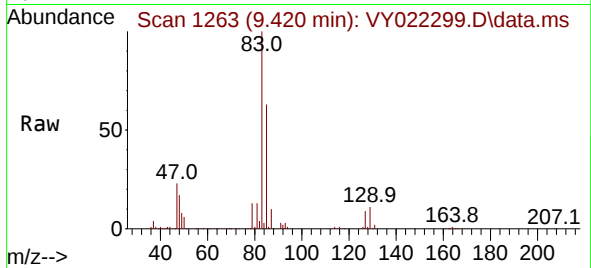




#47
Bromodichloromethane
Concen: 66.549 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

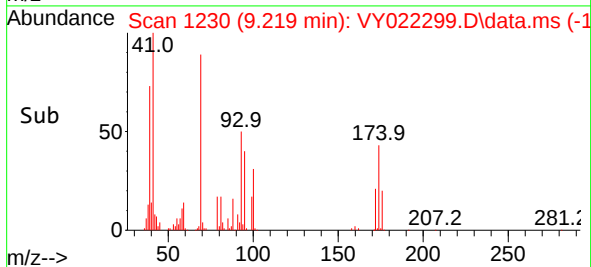
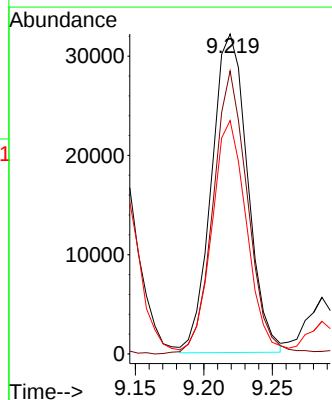
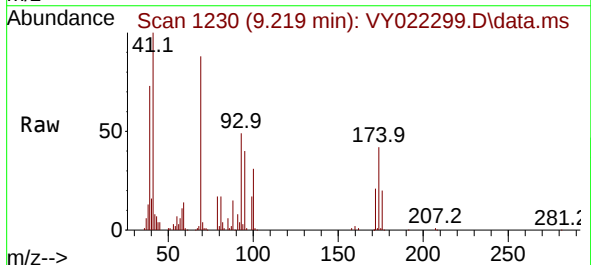
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

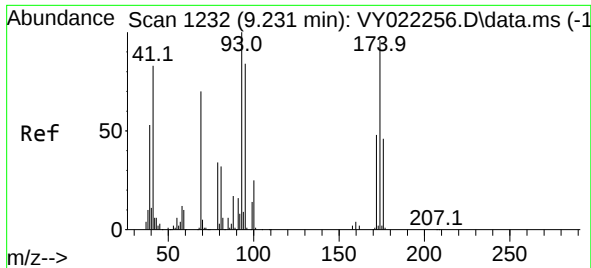
Tgt Ion: 83 Resp: 93722
Ion Ratio Lower Upper
83 100
85 63.5 51.1 76.7
127 8.7 6.6 10.0



#48
Methyl methacrylate
Concen: 85.137 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 41 Resp: 58835
Ion Ratio Lower Upper
41 100
69 85.0 63.5 95.3
39 68.4 50.8 76.2





#49

1,4-Dioxane

Concen: 2504.266 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

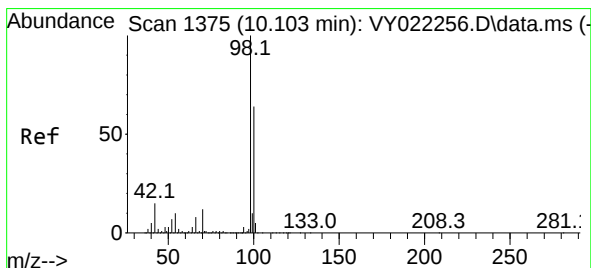
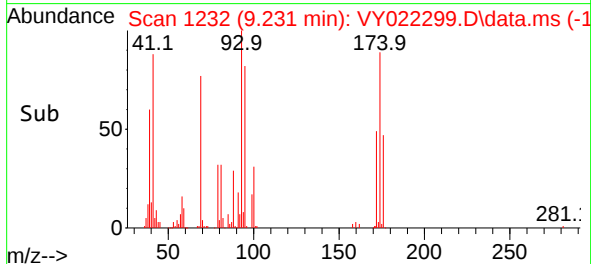
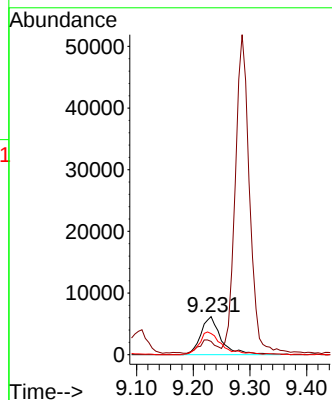
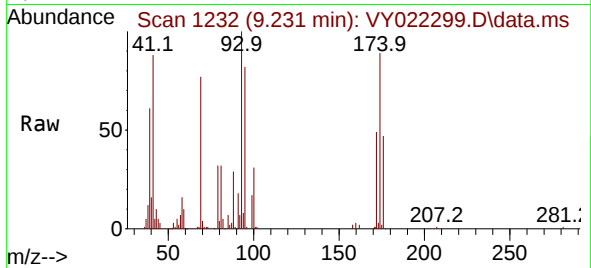
Tgt Ion: 88 Resp: 15358

Ion Ratio Lower Upper

88 100

43 29.3 28.5 42.7

58 65.7 61.4 92.2



#50

Toluene-d8

Concen: 46.573 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022299.D

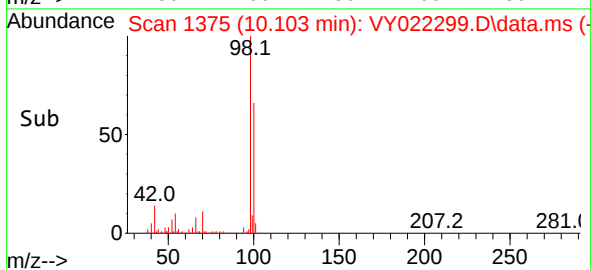
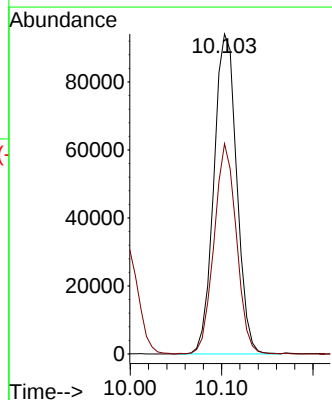
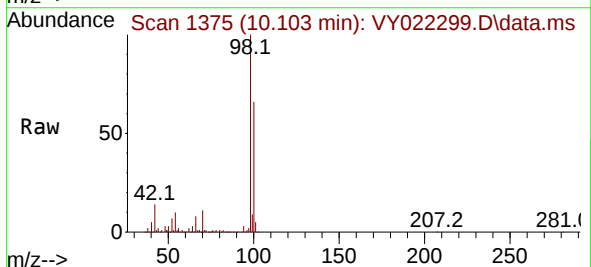
Acq: 16 May 2025 18:21

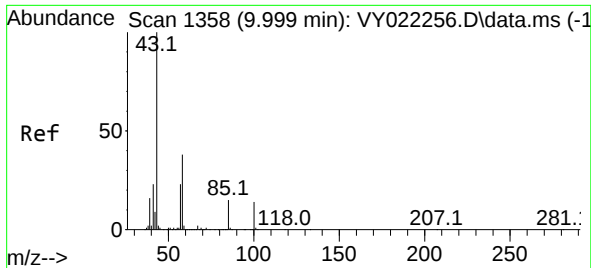
Tgt Ion: 98 Resp: 163082

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8

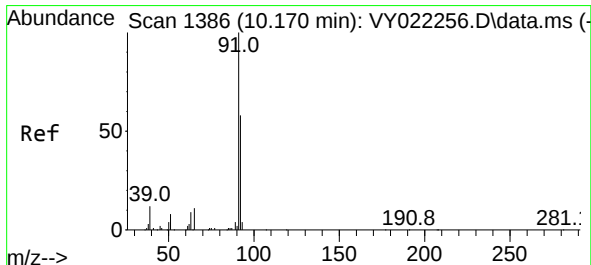
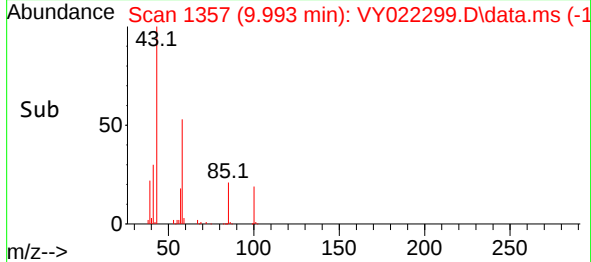
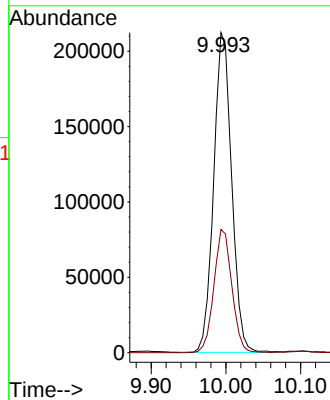
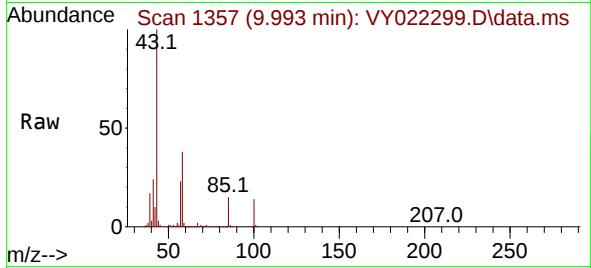




#51
4-Methyl-2-Pentanone
Concen: 491.146 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

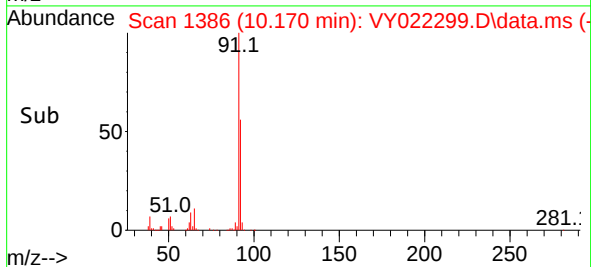
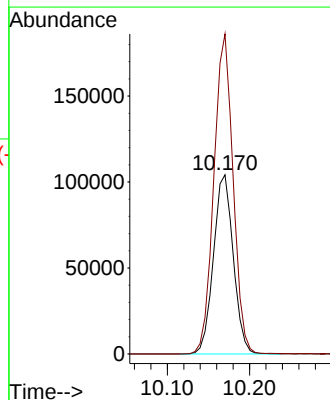
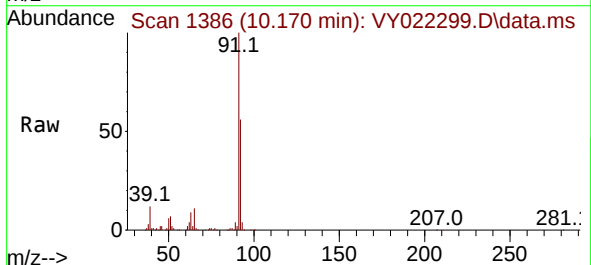
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

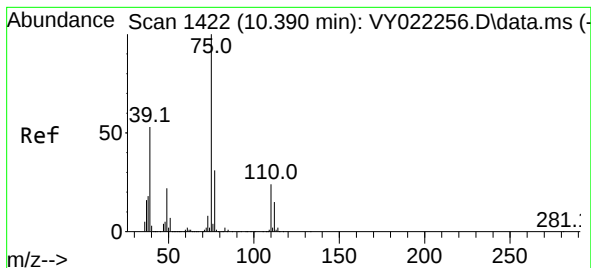
Tgt Ion: 43 Resp: 356117
Ion Ratio Lower Upper
43 100
58 38.4 29.4 44.2



#52
Toluene
Concen: 65.835 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 92 Resp: 174041
Ion Ratio Lower Upper
92 100
91 173.7 139.1 208.7

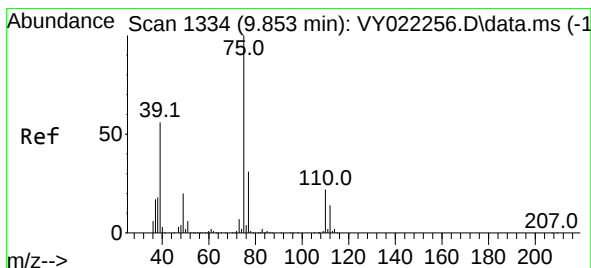
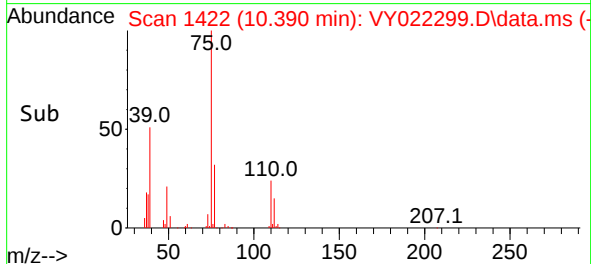
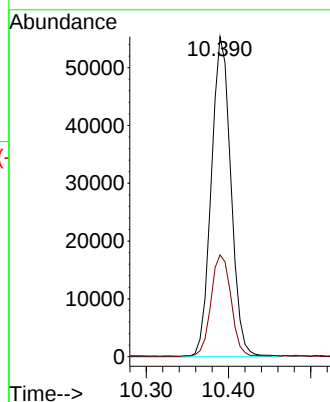
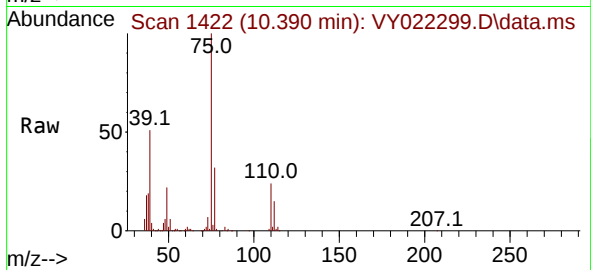




#53
t-1,3-Dichloropropene
Concen: 66.744 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

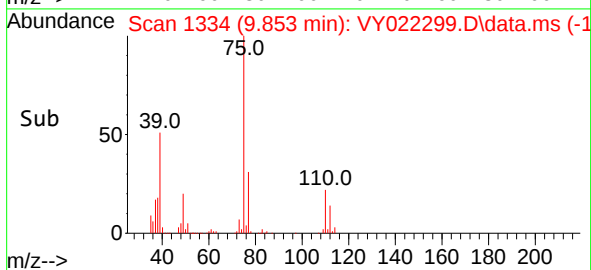
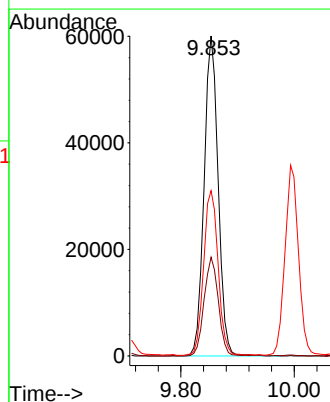
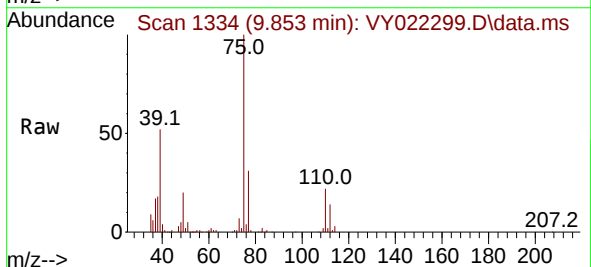
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

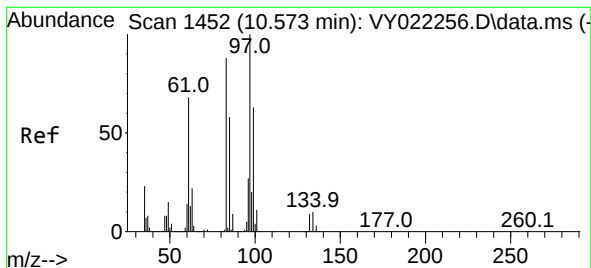
Tgt Ion: 75 Resp: 91733
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 65.530 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 75 Resp: 103187
Ion Ratio Lower Upper
75 100
77 30.8 25.1 37.7
39 51.4 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 76.628 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

Tgt Ion: 97 Resp: 53268

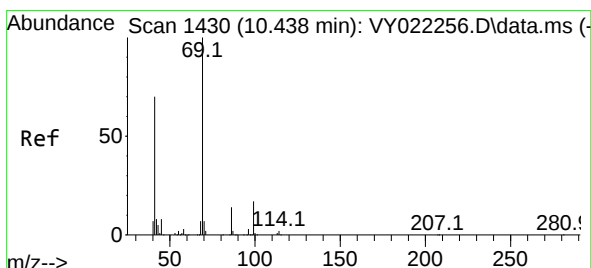
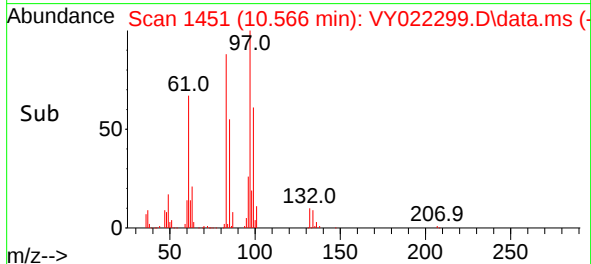
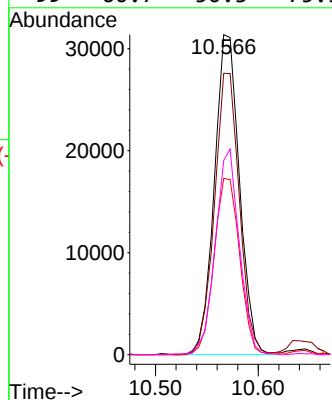
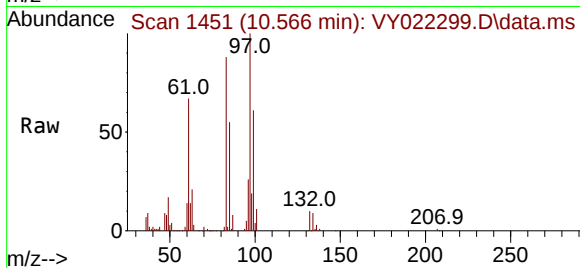
Ion Ratio Lower Upper

97 100

83 88.0 70.3 105.5

85 55.1 46.2 69.4

99 60.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 80.309 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

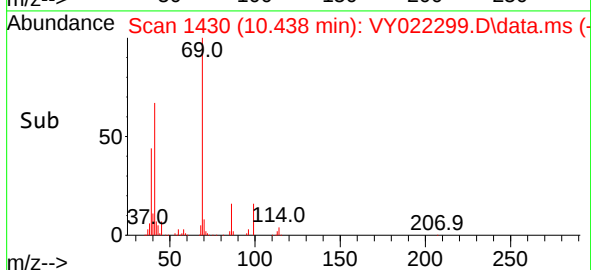
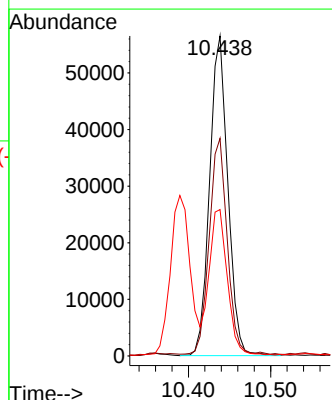
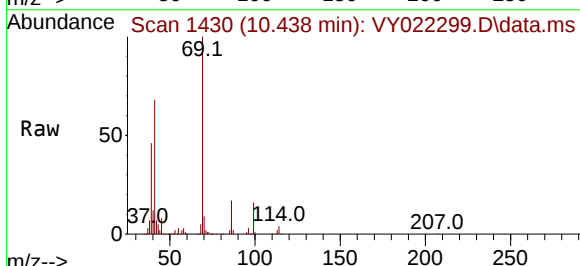
Tgt Ion: 69 Resp: 86962

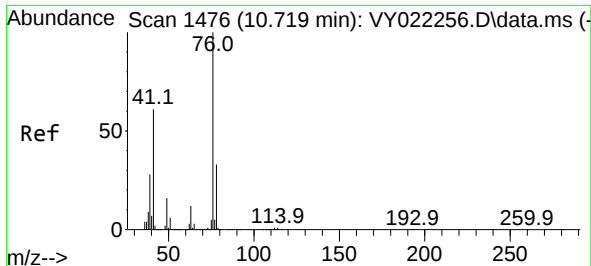
Ion Ratio Lower Upper

69 100

41 66.6 56.5 84.7

39 46.0 37.1 55.7





#57

1,3-Dichloropropane

Concen: 76.437 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

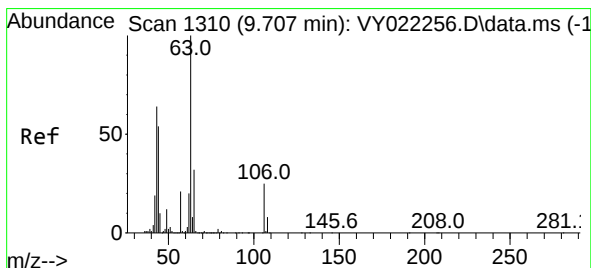
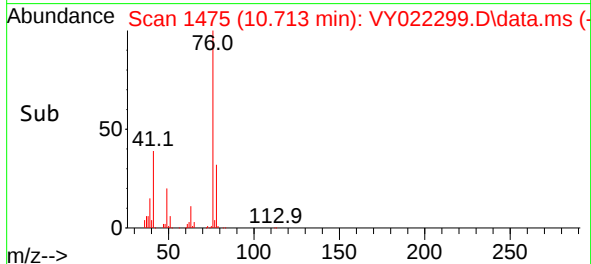
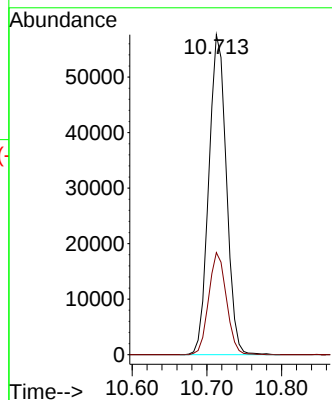
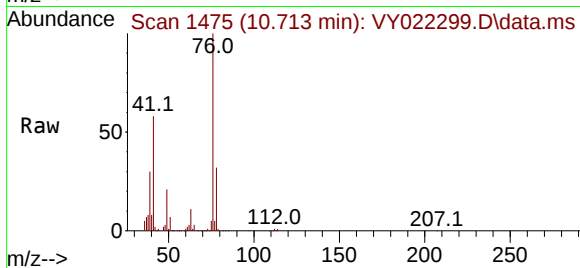
TP-24MS

Tgt Ion: 76 Resp: 94408

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 422.850 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022299.D

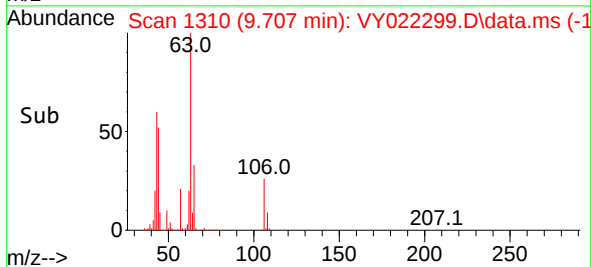
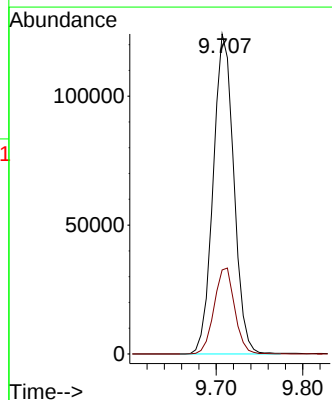
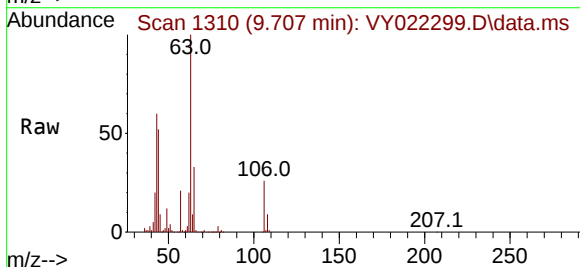
Acq: 16 May 2025 18:21

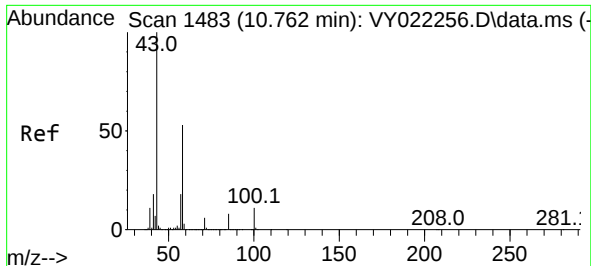
Tgt Ion: 63 Resp: 205518

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.4

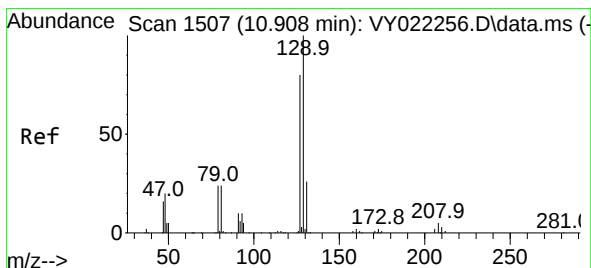
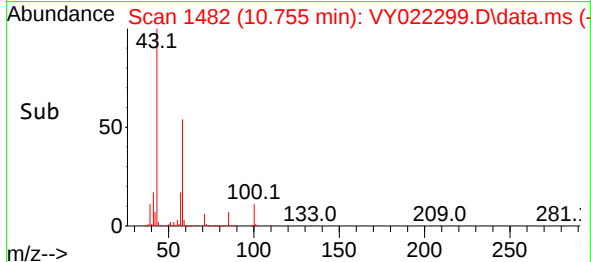
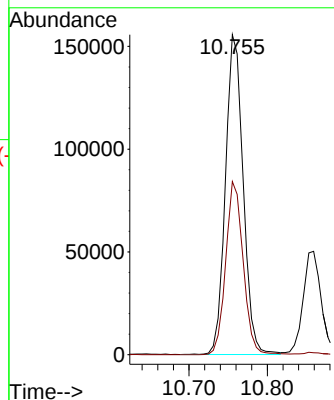
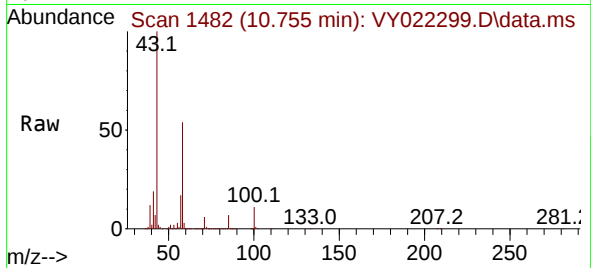




#59
2-Hexanone
Concen: 503.291 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

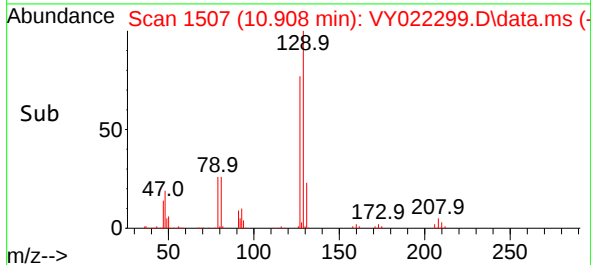
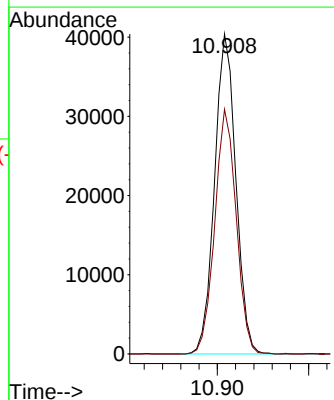
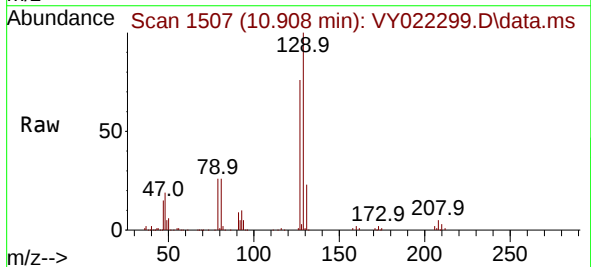
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

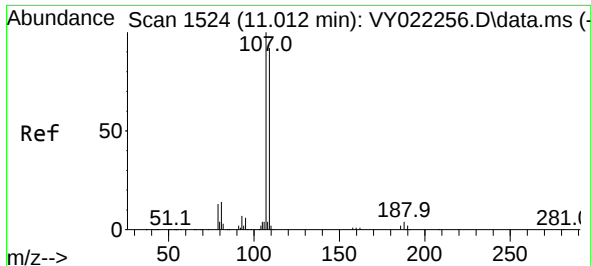
Tgt Ion: 43 Resp: 244674
Ion Ratio Lower Upper
43 100
58 53.5 26.1 78.3



#60
Dibromochloromethane
Concen: 72.426 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion:129 Resp: 65348
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

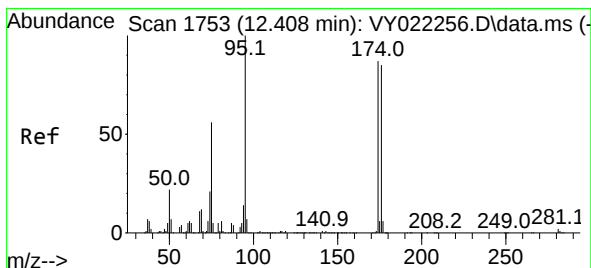
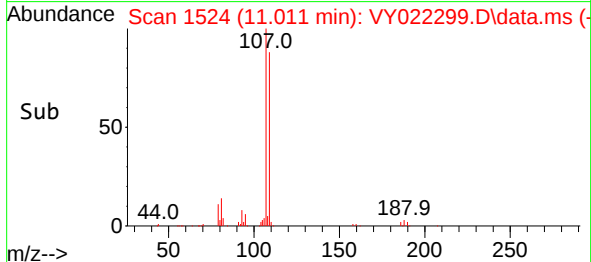
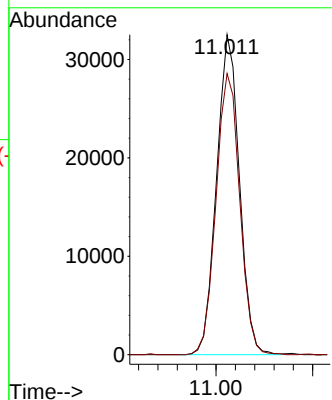
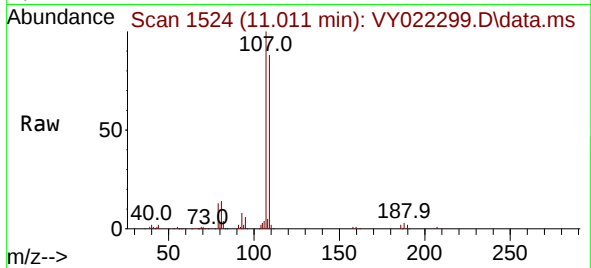




#61
1,2-Dibromoethane
Concen: 82.093 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

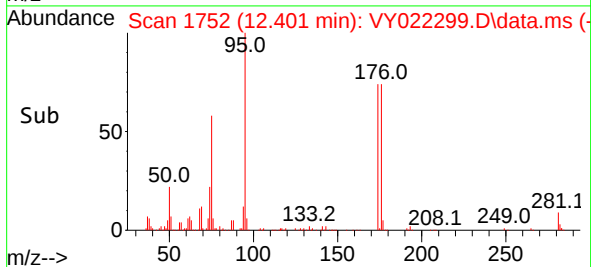
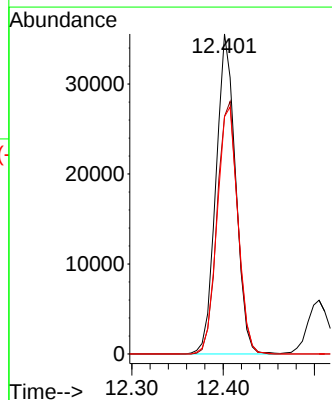
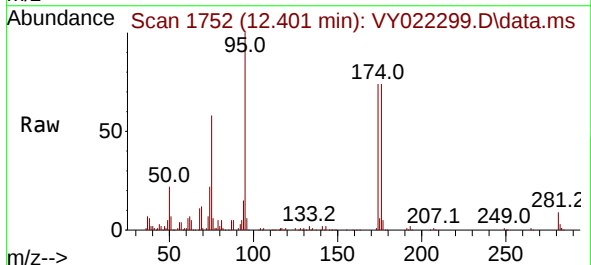
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

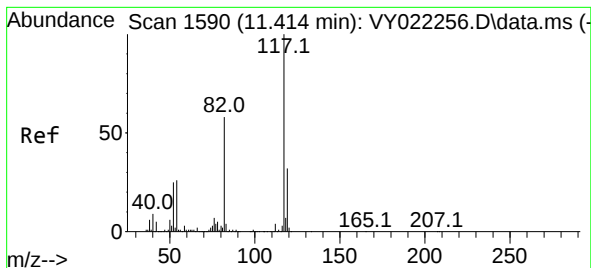
Tgt Ion:107 Resp: 53189
Ion Ratio Lower Upper
107 100
109 91.2 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 47.825 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 95 Resp: 53080
Ion Ratio Lower Upper
95 100
174 82.1 0.0 166.8
176 81.5 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

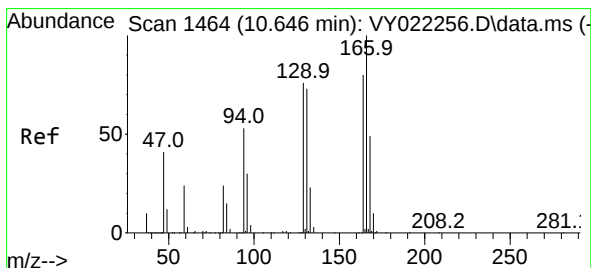
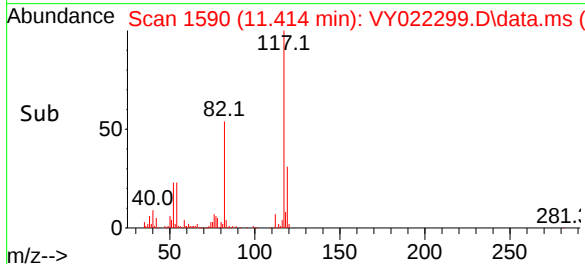
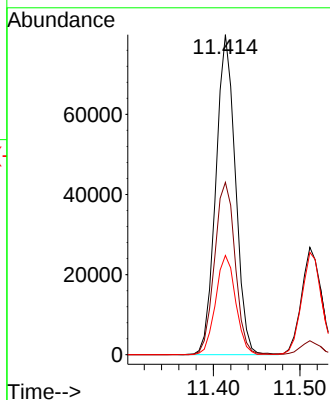
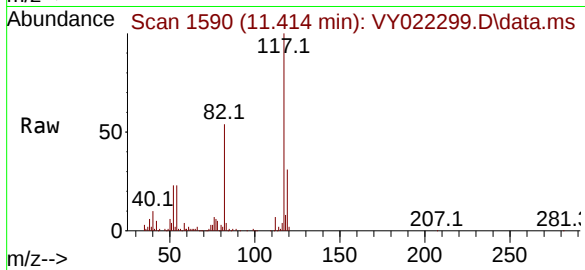
Tgt Ion:117 Resp: 125367

Ion Ratio Lower Upper

117 100

82 53.8 46.6 70.0

119 31.0 25.8 38.6



#64

Tetrachloroethene

Concen: 70.331 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Tgt Ion:164 Resp: 81498

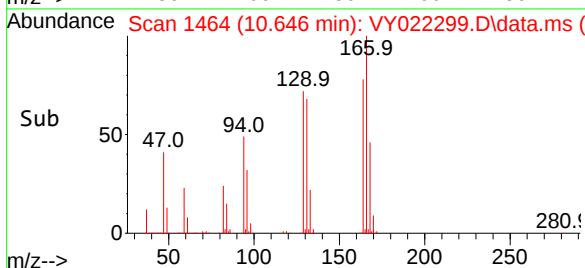
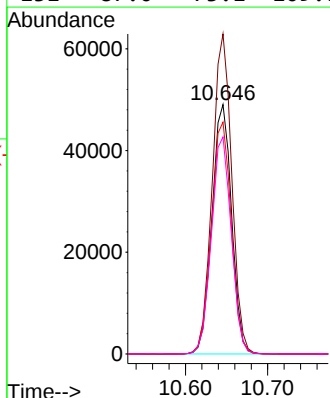
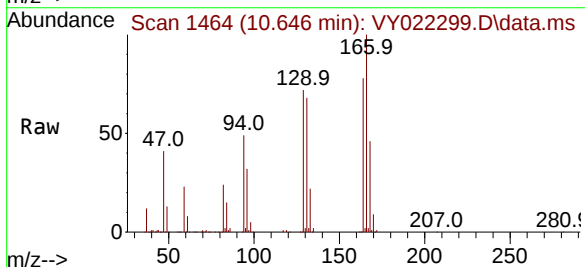
Ion Ratio Lower Upper

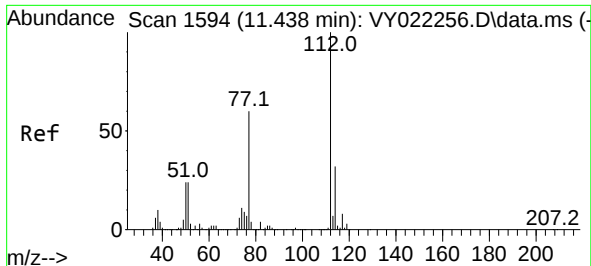
164 100

166 128.3 100.4 150.6

129 92.9 76.4 114.6

131 87.0 73.1 109.7

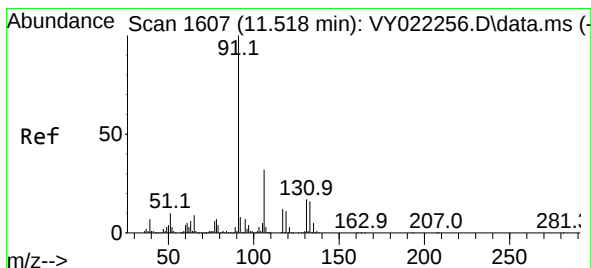
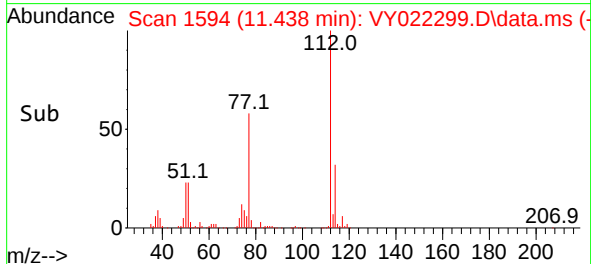
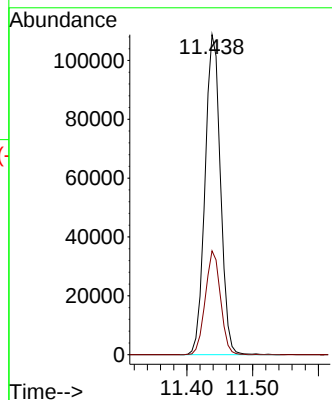
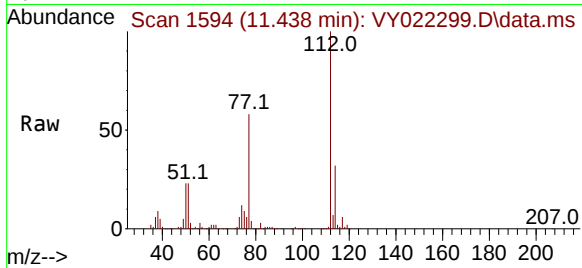




#65
Chlorobenzene
Concen: 62.522 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

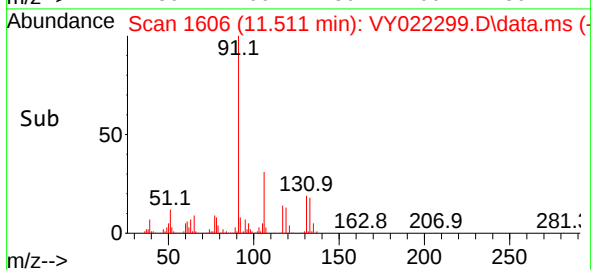
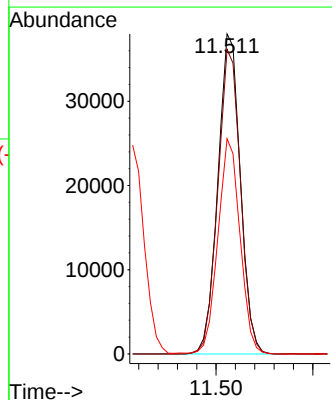
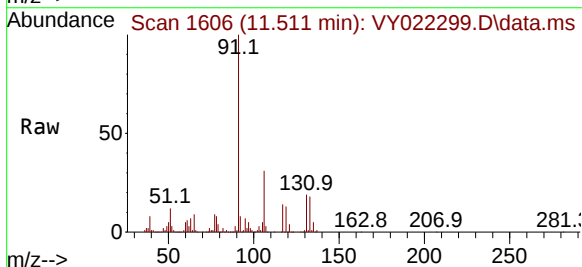
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

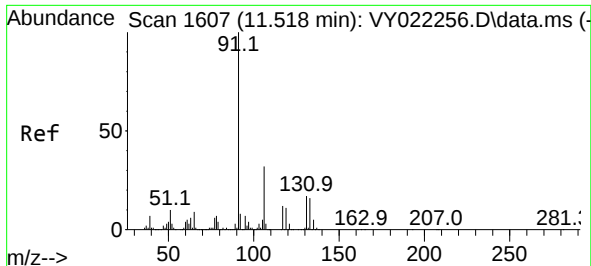
Tgt Ion:112 Resp: 176838
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 62.932 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion:131 Resp: 61192
Ion Ratio Lower Upper
131 100
133 95.8 47.3 141.9
119 66.1 33.1 99.2





#67

Ethyl Benzene

Concen: 63.584 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

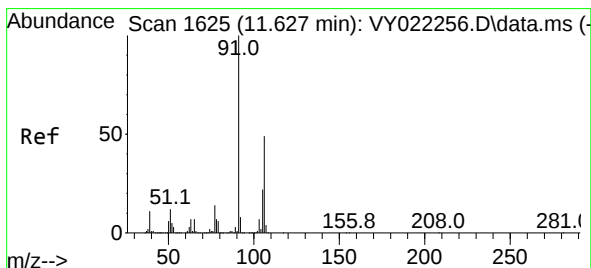
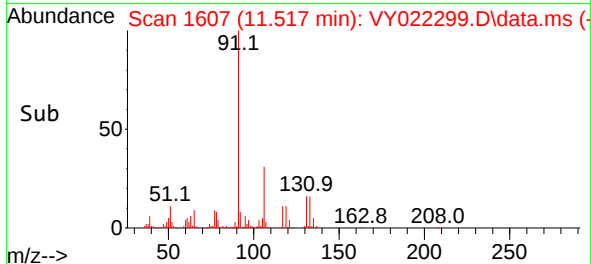
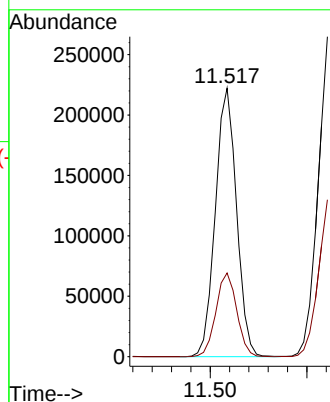
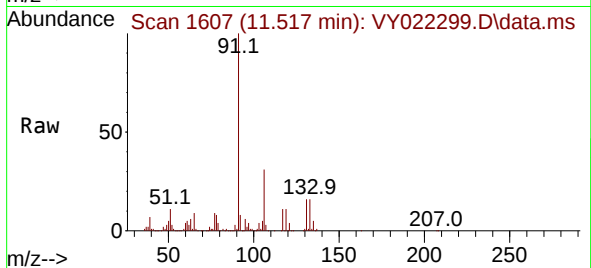
TP-24MS

Tgt Ion: 91 Resp: 336807

Ion Ratio Lower Upper

91 100

106 31.2 25.4 38.0



#68

m/p-Xylenes

Concen: 125.187 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022299.D

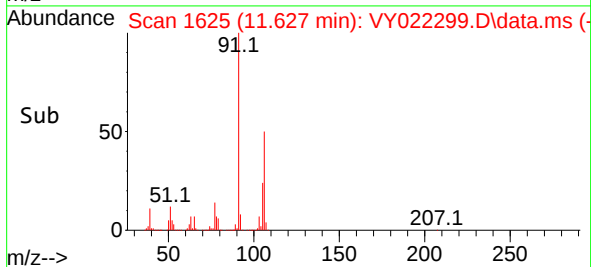
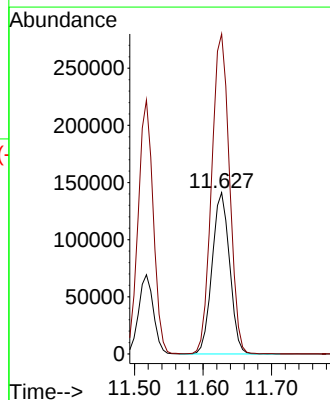
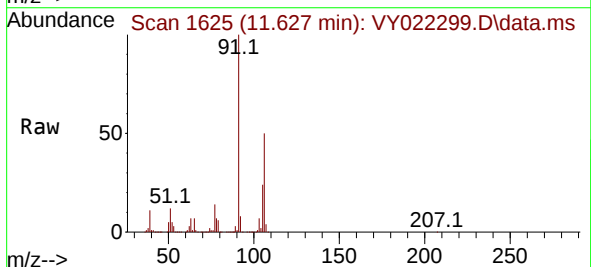
Acq: 16 May 2025 18:21

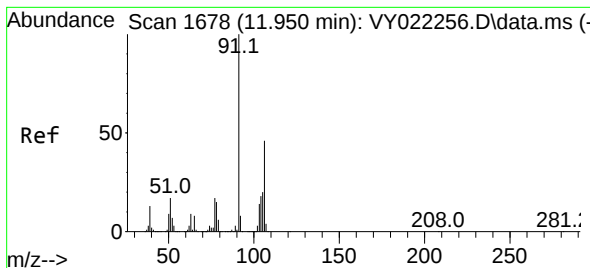
Tgt Ion:106 Resp: 249873

Ion Ratio Lower Upper

106 100

91 201.7 163.0 244.4





#69

o-Xylene

Concen: 62.351 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

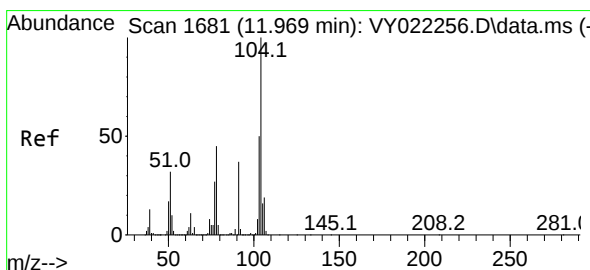
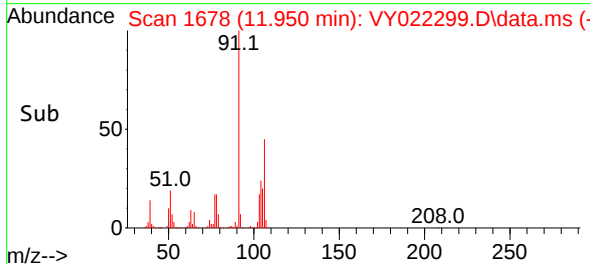
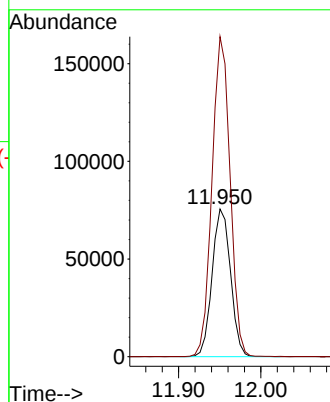
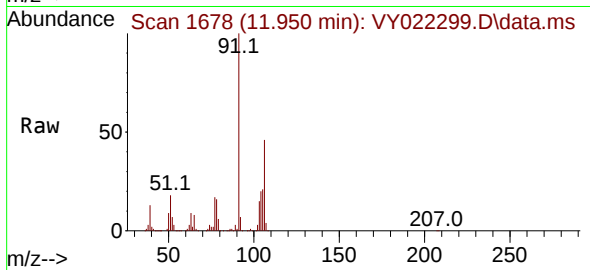
TP-24MS

Tgt Ion:106 Resp: 117748

Ion Ratio Lower Upper

106 100

91 213.0 108.3 324.8



#70

Styrene

Concen: 60.153 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

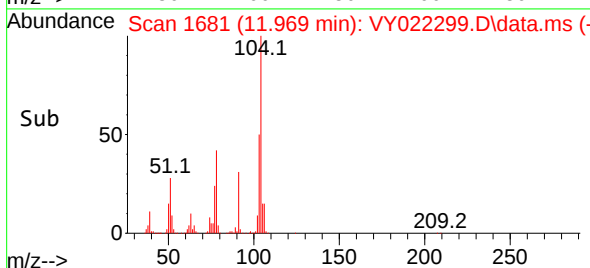
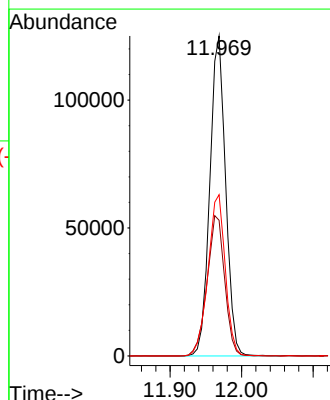
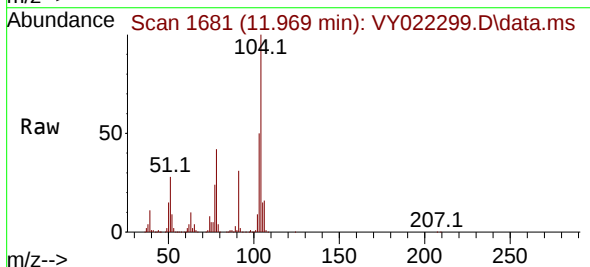
Tgt Ion:104 Resp: 191621

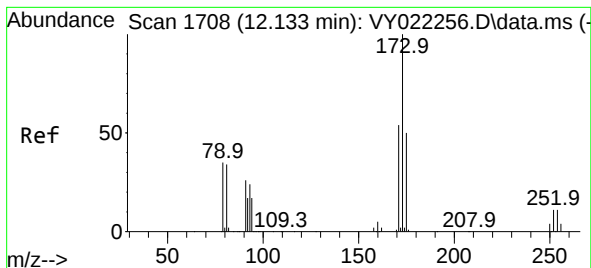
Ion Ratio Lower Upper

104 100

78 48.9 40.9 61.3

103 55.1 43.7 65.5





#71

Bromoform

Concen: 74.256 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

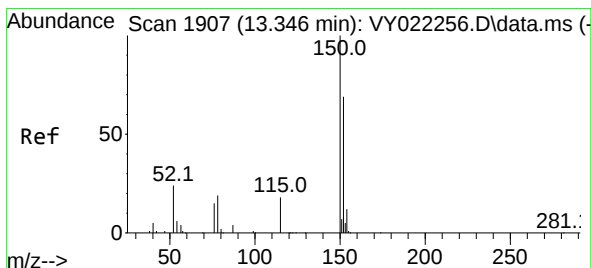
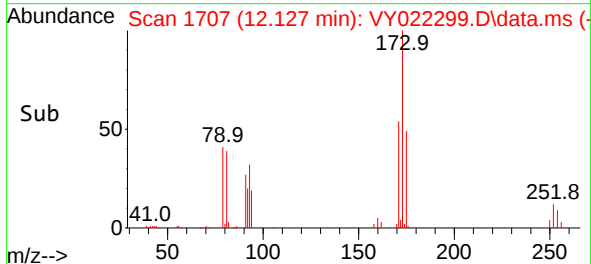
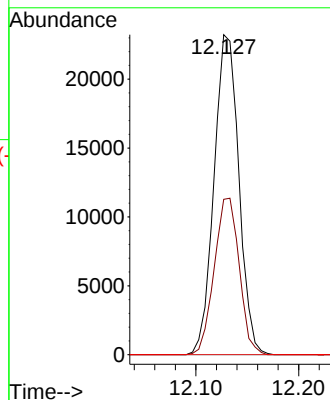
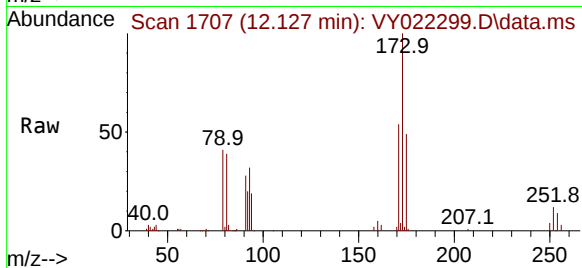
Tgt Ion:173 Resp: 38972

Ion Ratio Lower Upper

173 100

175 49.2 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: VY022299.D

Acq: 16 May 2025 18:21

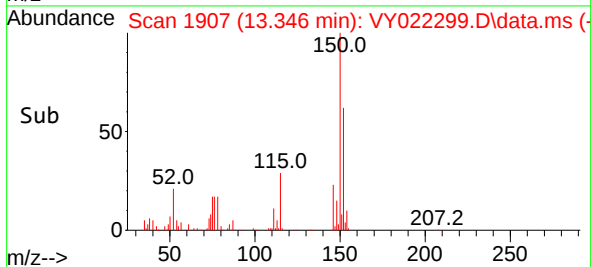
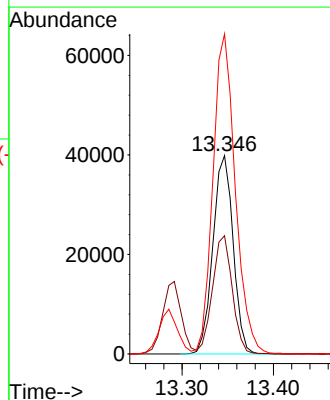
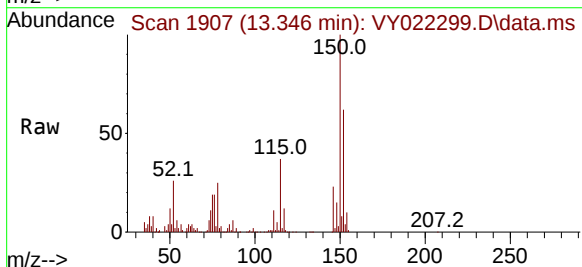
Tgt Ion:152 Resp: 61389

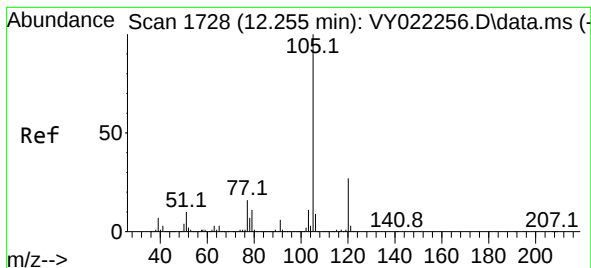
Ion Ratio Lower Upper

152 100

115 58.3 29.4 88.2

150 178.1 0.0 353.8





#73

Isopropylbenzene

Concen: 62.670 ug/l

RT: 12.249 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

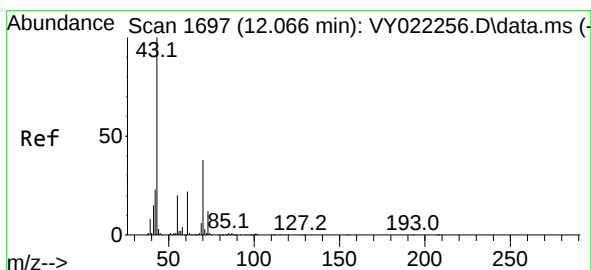
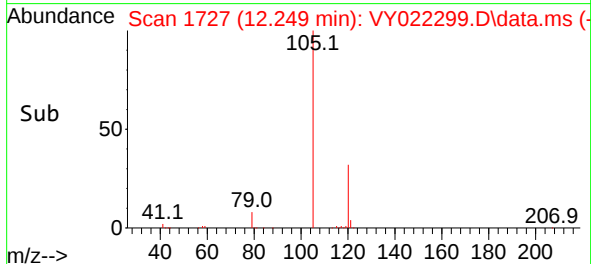
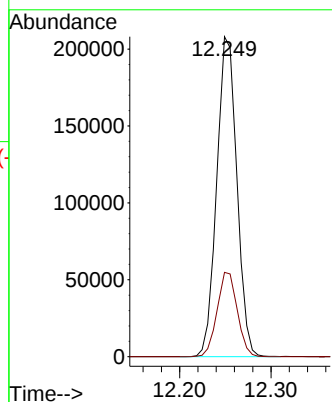
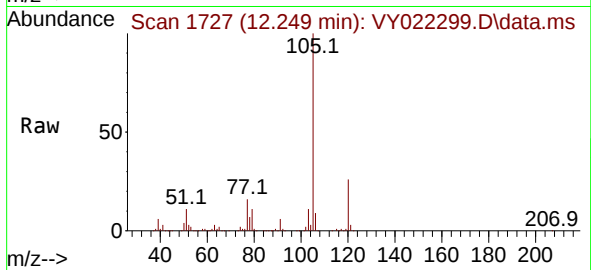
TP-24MS

Tgt Ion:105 Resp: 318728

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 40.567 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Tgt Ion: 43 Resp: 59007

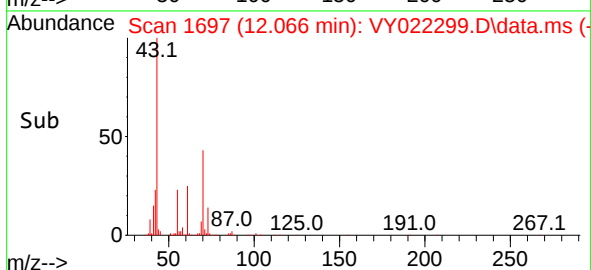
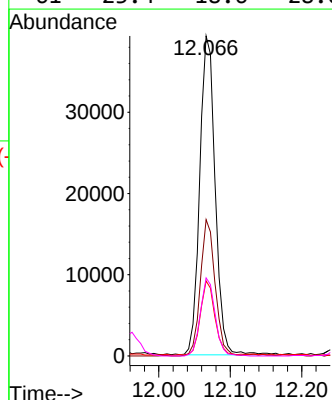
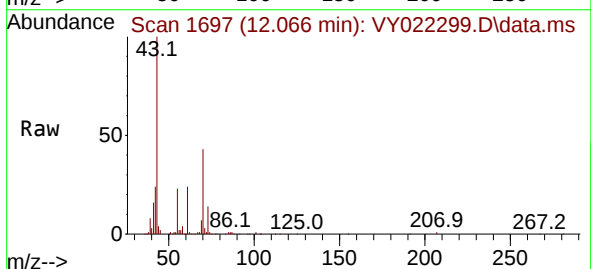
Ion Ratio Lower Upper

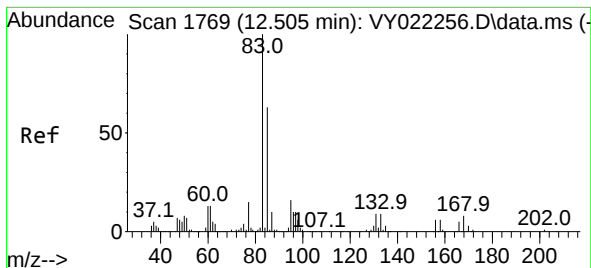
43 100

70 40.8 31.4 47.0

55 21.6 17.0 25.6

61 23.4 18.6 28.0





#75

1,1,2-Tetrachloroethane

Concen: 80.819 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

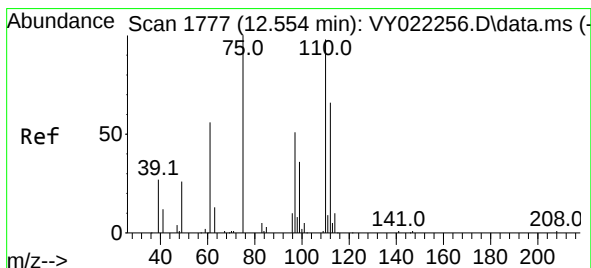
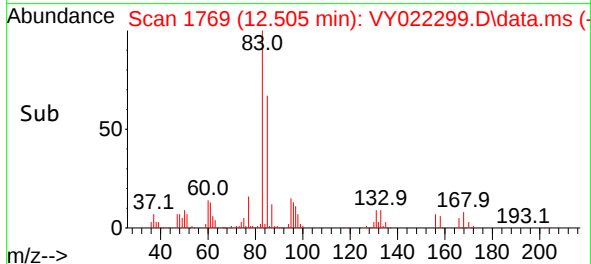
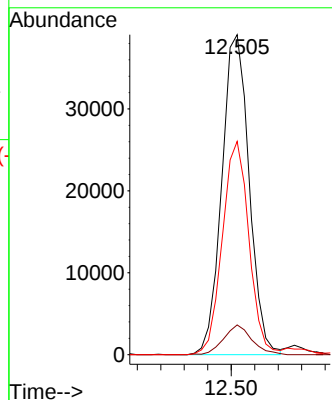
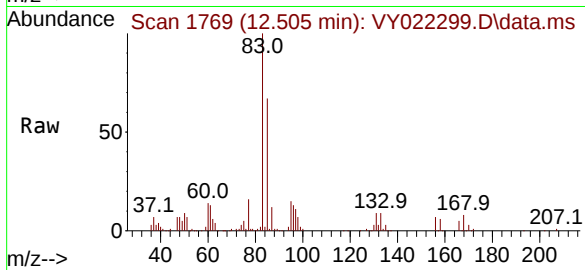
Tgt Ion: 83 Resp: 63212

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 146.969 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022299.D

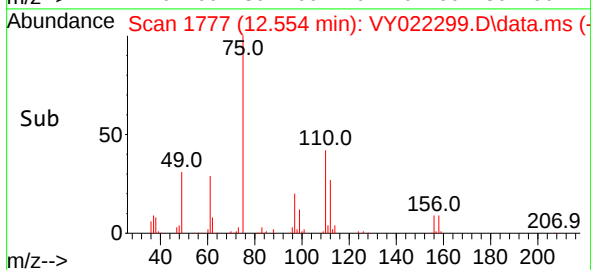
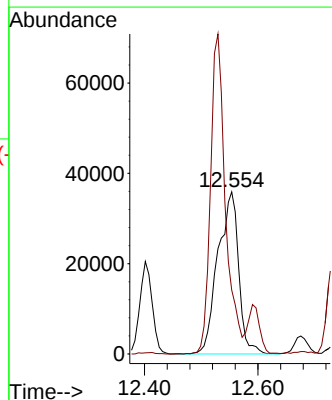
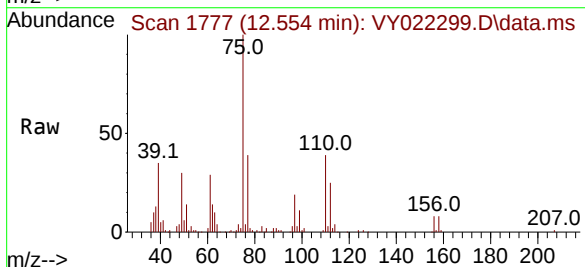
Acq: 16 May 2025 18:21

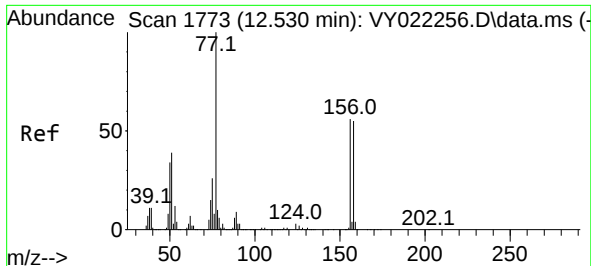
Tgt Ion: 75 Resp: 91405

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

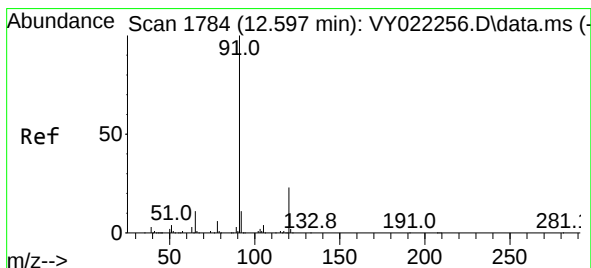
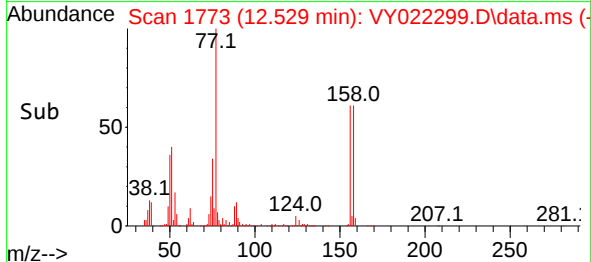
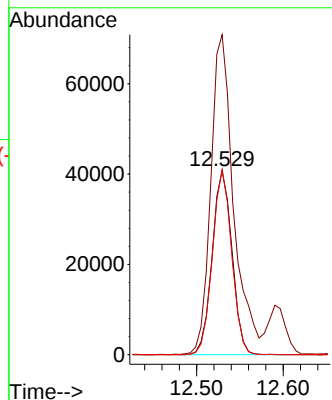
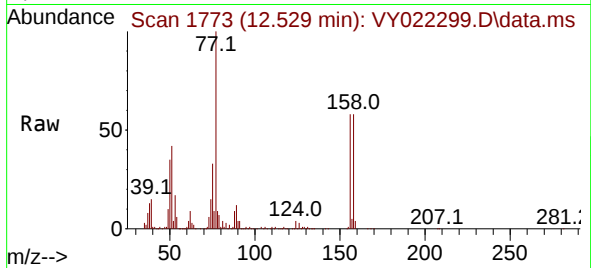




#77
Bromobenzene
Concen: 59.515 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

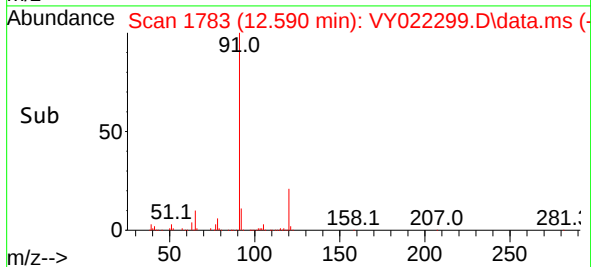
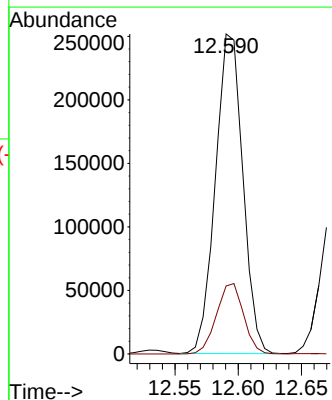
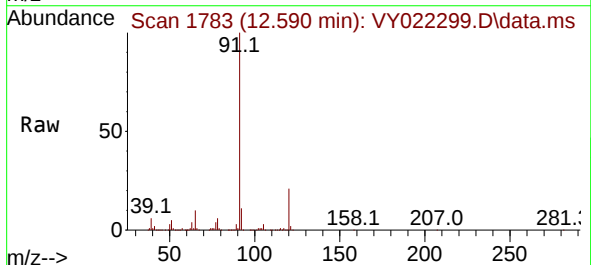
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

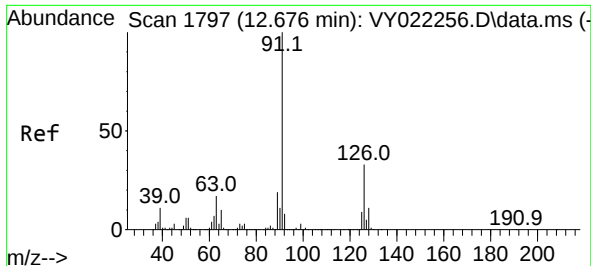
Tgt Ion:156 Resp: 64647
Ion Ratio Lower Upper
156 100
77 200.1 94.5 283.6
158 97.8 48.4 145.3



#78
n-propylbenzene
Concen: 61.766 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 91 Resp: 378898
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.3

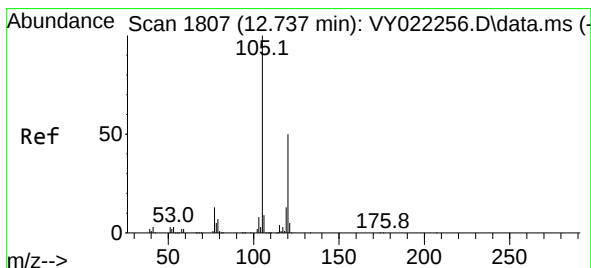
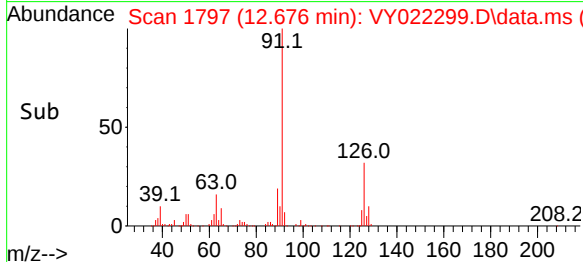
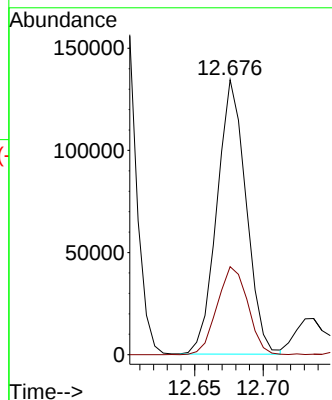
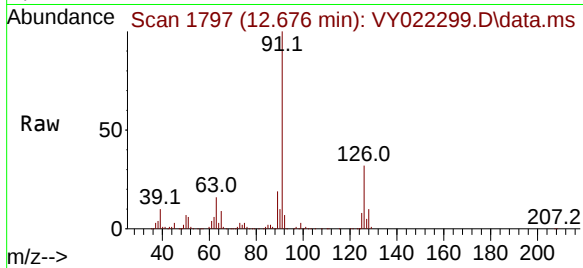




#79
2-Chlorotoluene
Concen: 59.058 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

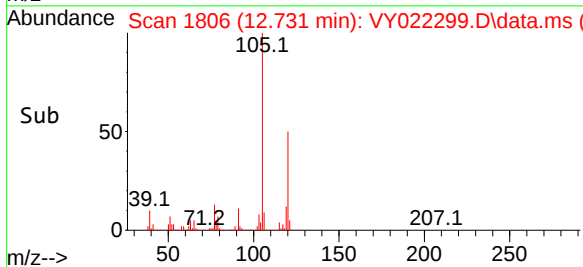
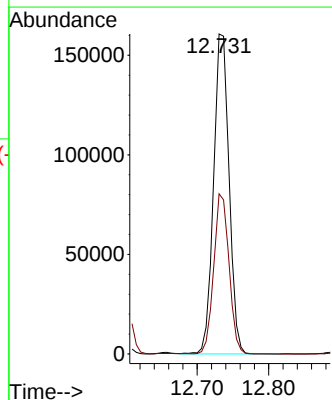
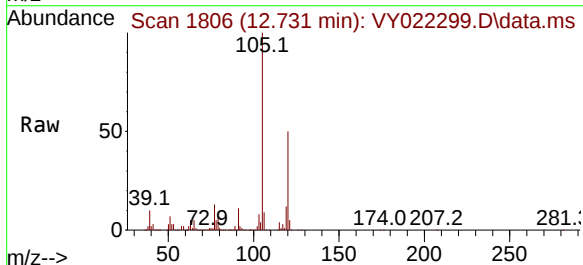
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

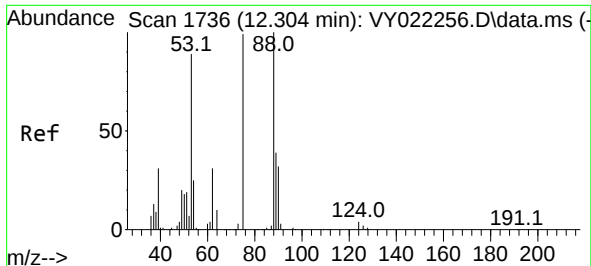
Tgt Ion: 91 Resp: 199091
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 58.908 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion:105 Resp: 241844
Ion Ratio Lower Upper
105 100
120 49.4 24.2 72.6

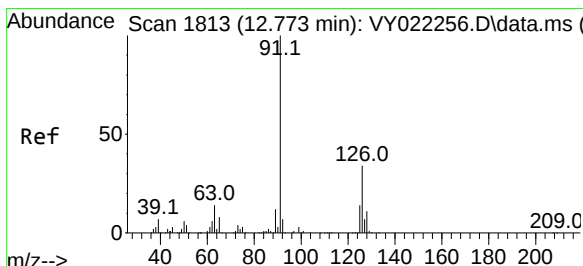
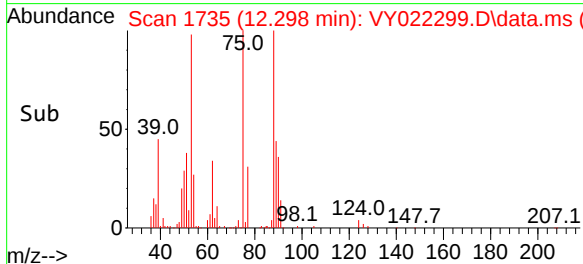
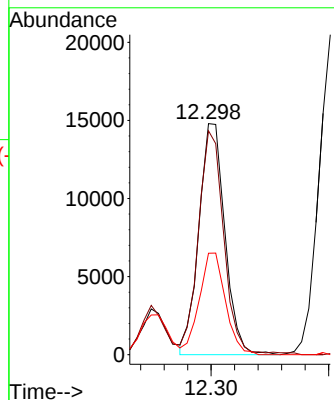
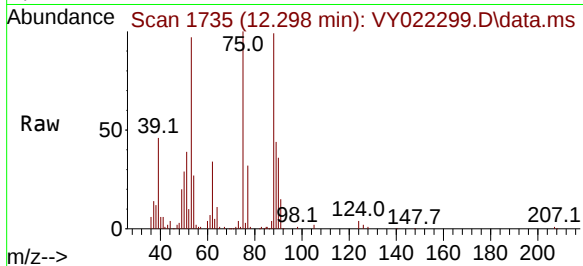




#81
trans-1,4-Dichloro-2-butene
Concen: 74.215 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

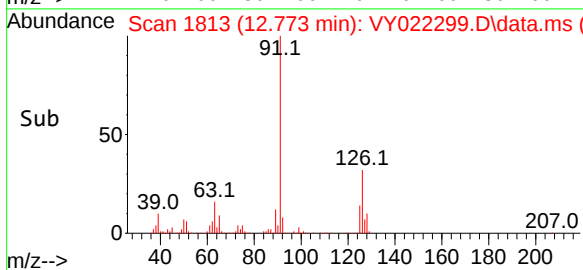
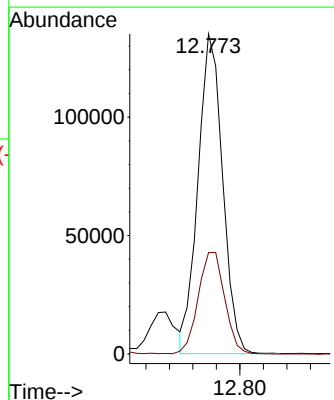
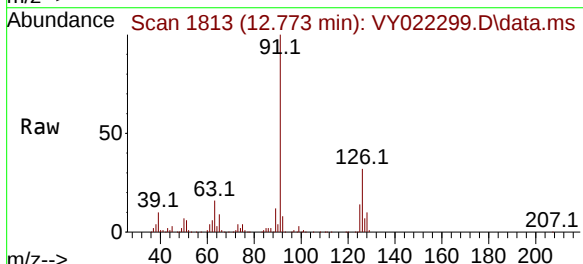
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

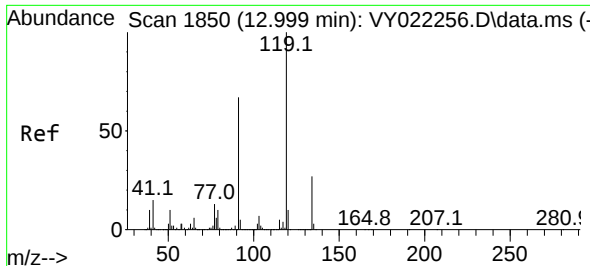
Tgt Ion: 75 Resp: 22785
Ion Ratio Lower Upper
75 100
53 94.5 75.8 113.8
89 44.2 36.2 54.2



#82
4-Chlorotoluene
Concen: 56.576 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 91 Resp: 196172
Ion Ratio Lower Upper
91 100
126 34.2 16.8 50.4

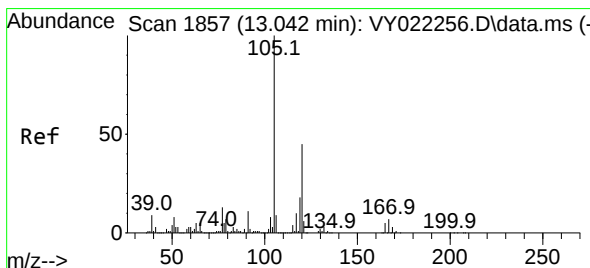
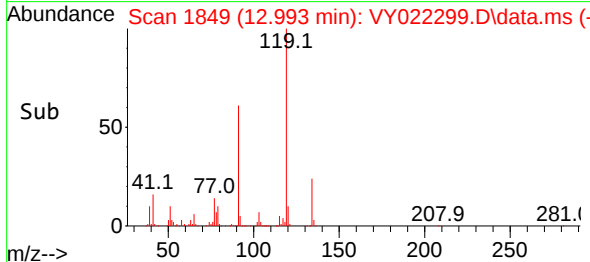
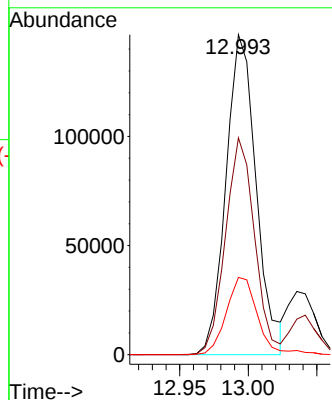
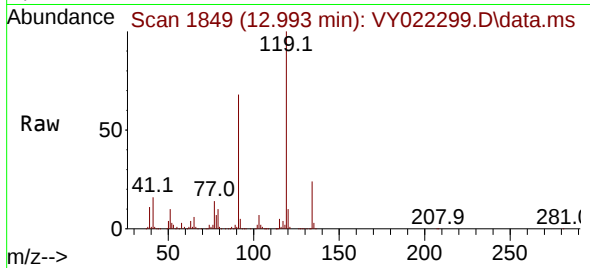




#83
tert-Butylbenzene
Concen: 61.810 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

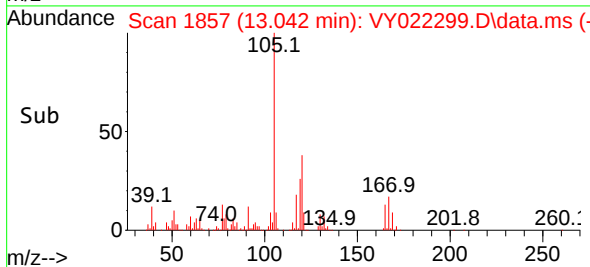
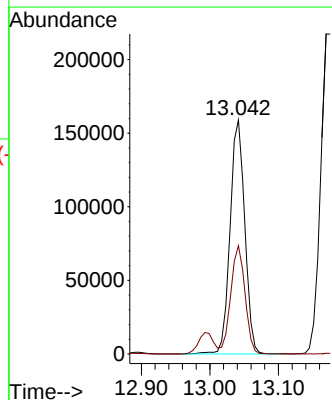
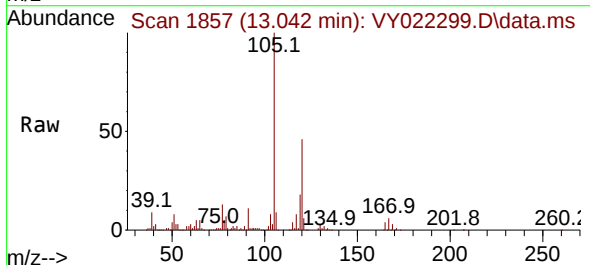
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

Tgt Ion:119 Resp: 225543
Ion Ratio Lower Upper
119 100
91 65.3 32.8 98.3
134 25.2 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 57.900 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion:105 Resp: 235962
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 61.316 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

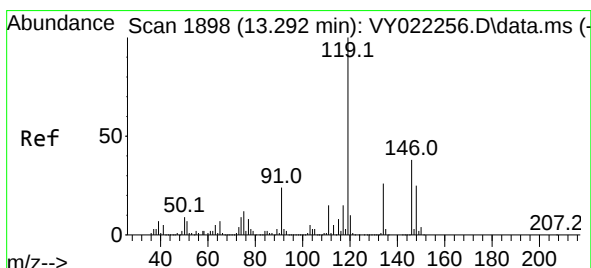
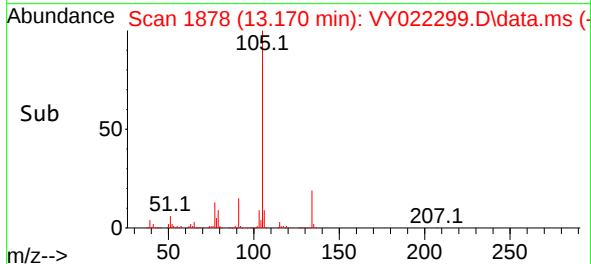
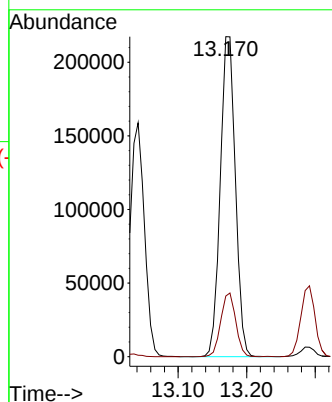
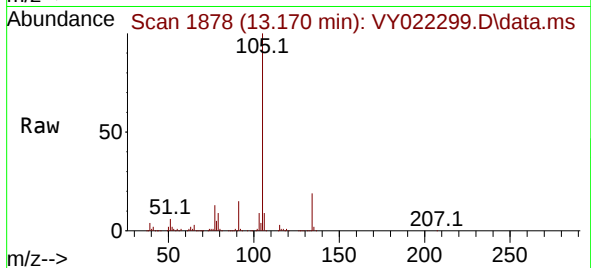
TP-24MS

Tgt Ion:105 Resp: 332127

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 59.090 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

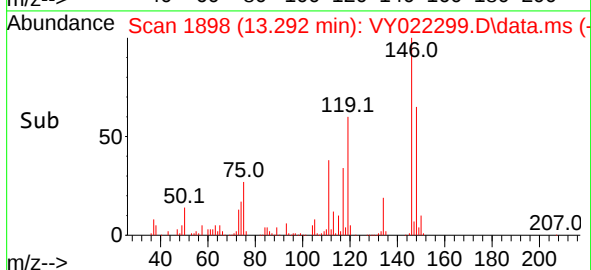
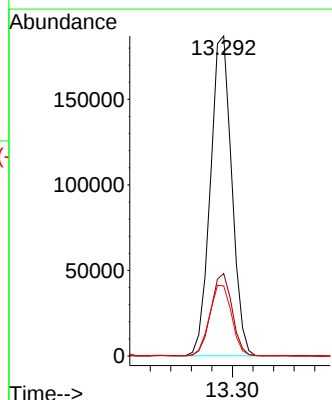
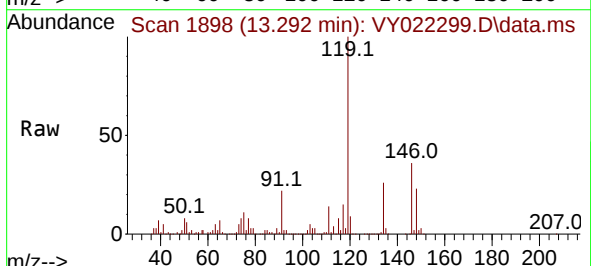
Tgt Ion:119 Resp: 269189

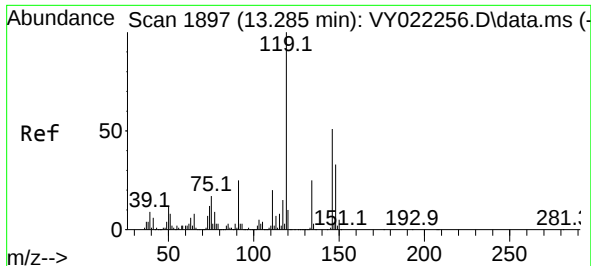
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 23.0 12.1 36.3

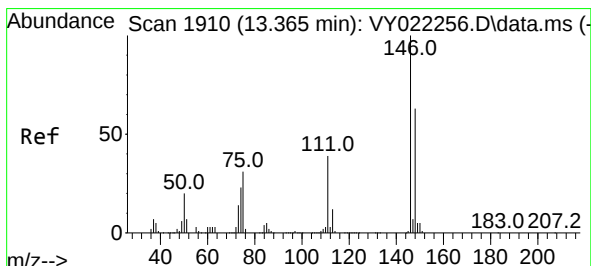
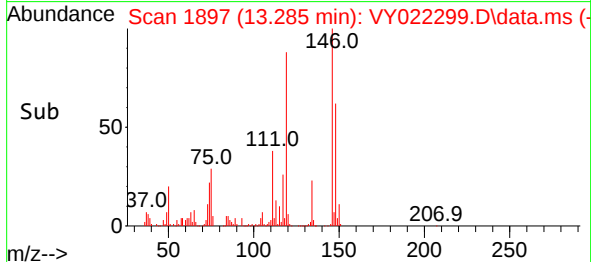
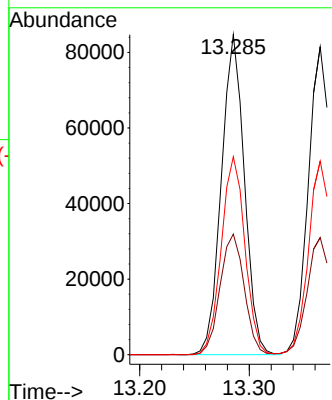
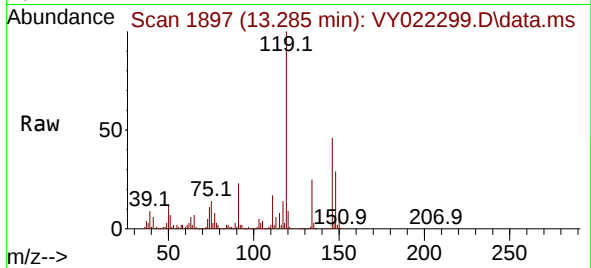




#87
 1,3-Dichlorobenzene
 Concen: 55.765 ug/l
 RT: 13.285 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY022299.D
 Acq: 16 May 2025 18:21

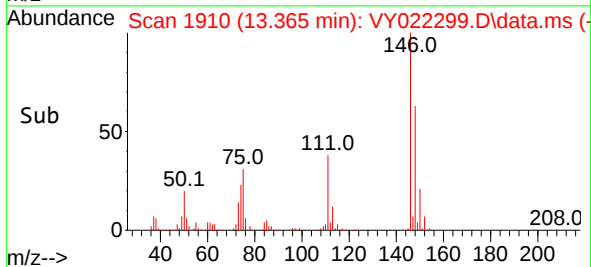
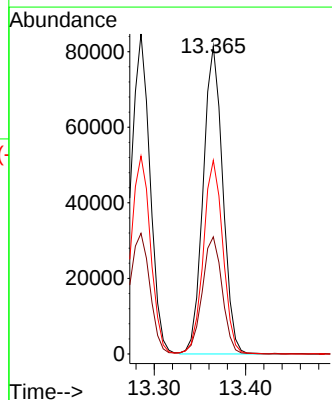
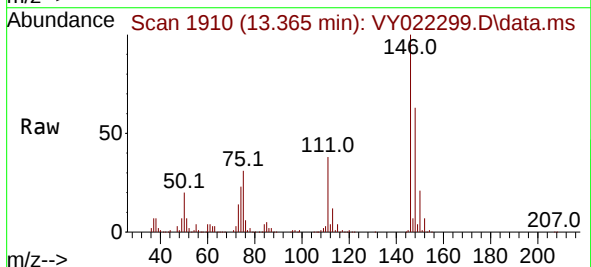
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MS

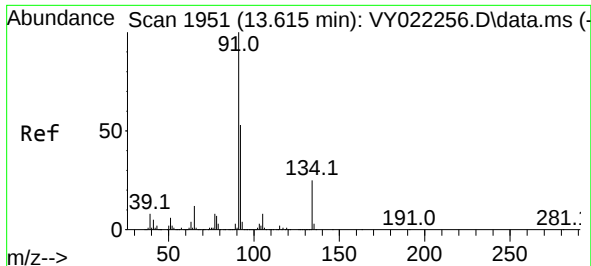
Tgt Ion:146 Resp: 123656
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.7
 148 63.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 56.714 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY022299.D
 Acq: 16 May 2025 18:21

Tgt Ion:146 Resp: 120968
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.0 59.9
 148 63.0 32.1 96.5

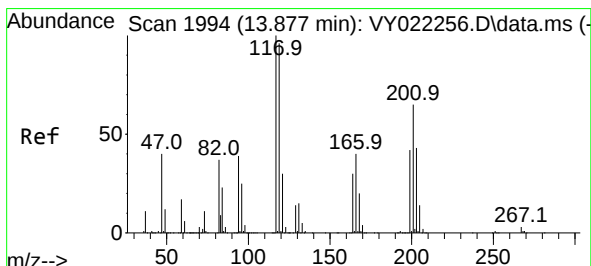
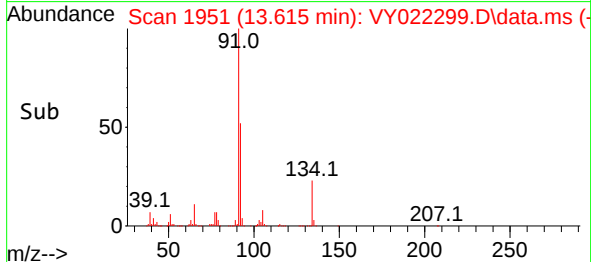
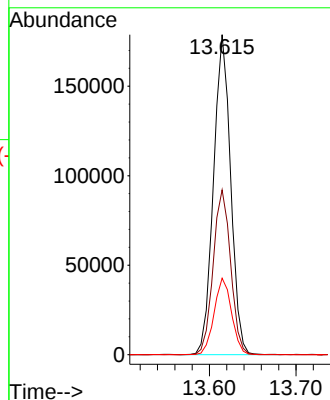
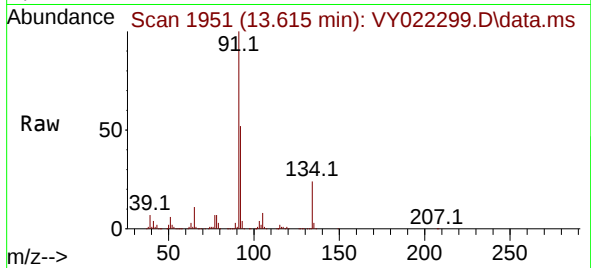




#89
n-Butylbenzene
Concen: 57.106 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

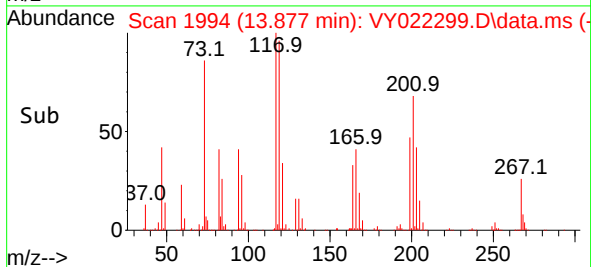
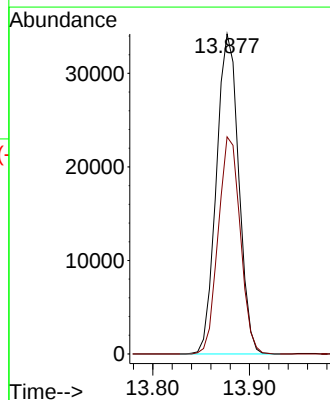
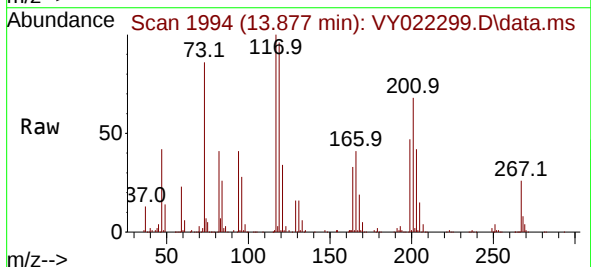
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

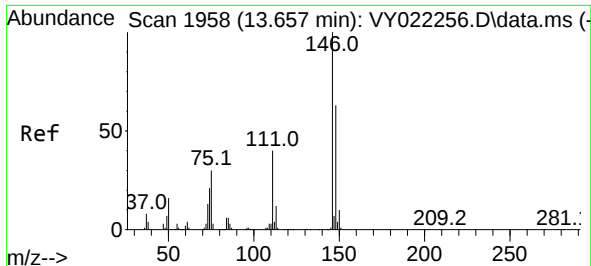
Tgt Ion: 91 Resp: 246118
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 24.3 12.4 37.4



#90
Hexachloroethane
Concen: 59.556 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022299.D
Acq: 16 May 2025 18:21

Tgt Ion: 117 Resp: 54768
Ion Ratio Lower Upper
117 100
201 67.1 35.2 105.6

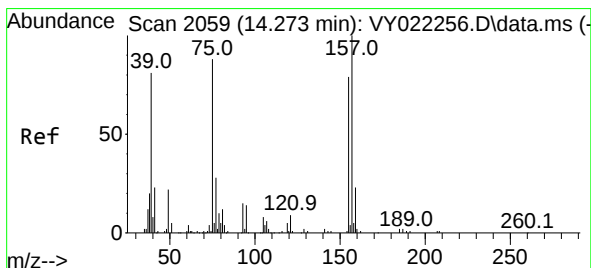
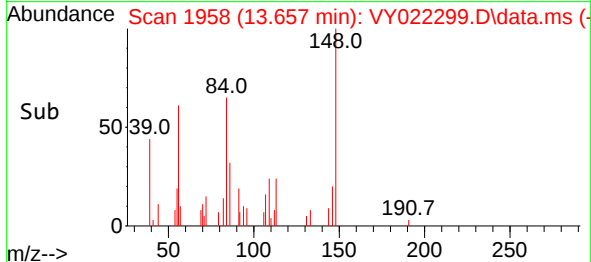
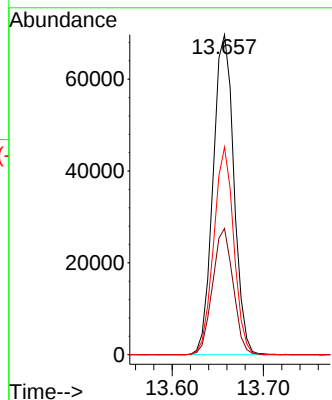
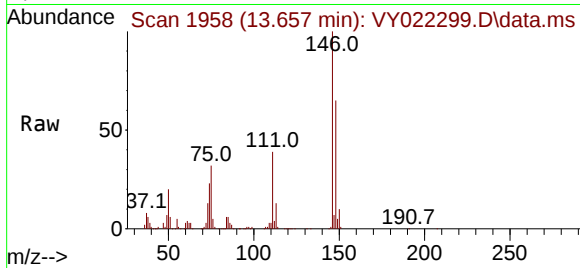




#91
 1,2-Dichlorobenzene
 Concen: 59.049 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022299.D
 Acq: 16 May 2025 18:21

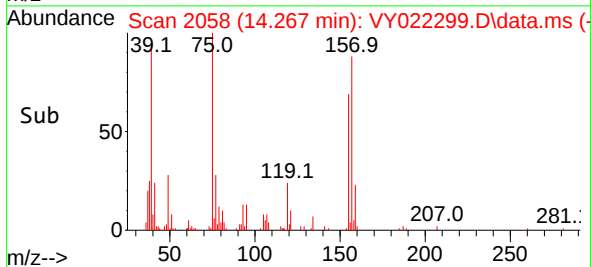
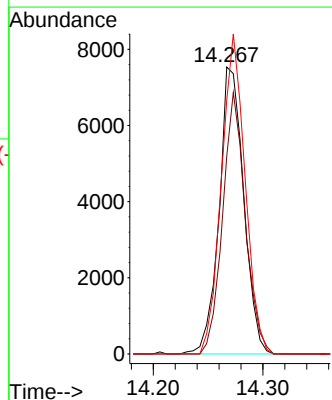
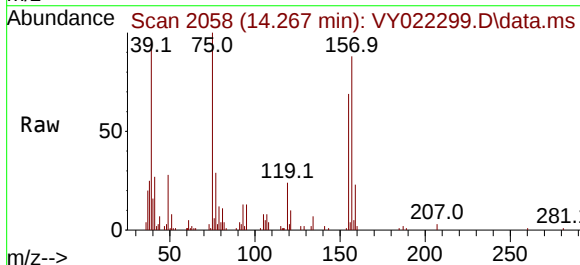
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MS

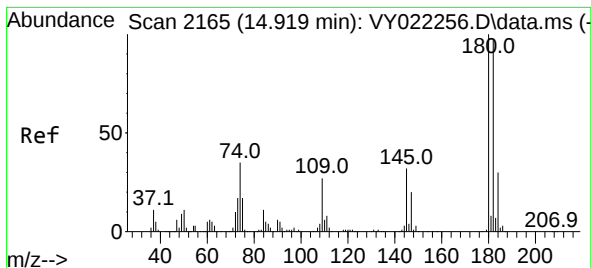
Tgt Ion:146 Resp: 109985
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.5 61.5
 148 62.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 93.242 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY022299.D
 Acq: 16 May 2025 18:21

Tgt Ion: 75 Resp: 11760
 Ion Ratio Lower Upper
 75 100
 155 83.5 43.4 130.1
 157 106.8 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 50.200 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

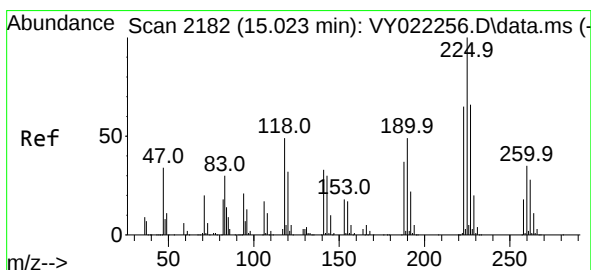
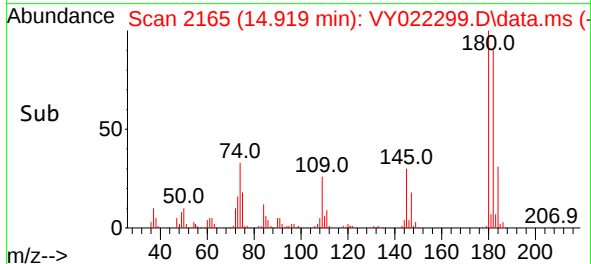
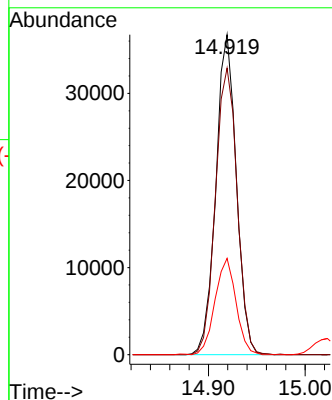
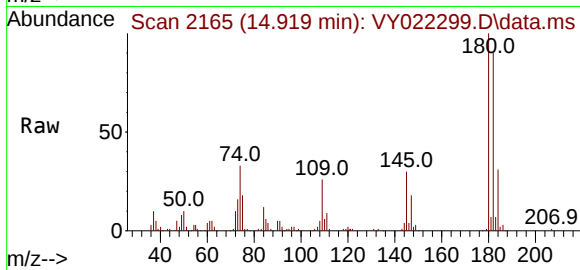
Tgt Ion:180 Resp: 54010

Ion Ratio Lower Upper

180 100

182 94.7 48.0 144.0

145 30.9 15.0 45.1



#94

Hexachlorobutadiene

Concen: 48.267 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

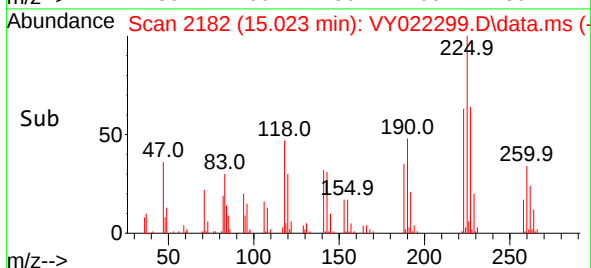
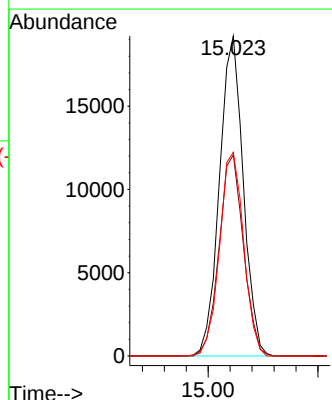
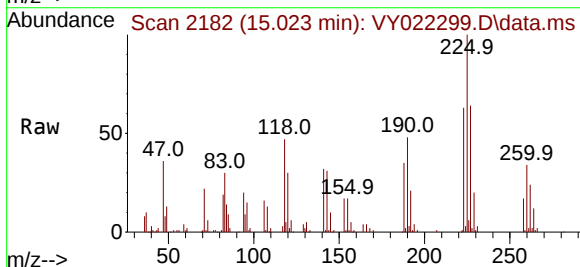
Tgt Ion:225 Resp: 28960

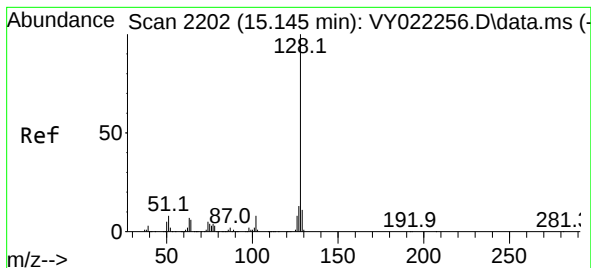
Ion Ratio Lower Upper

225 100

223 64.3 31.5 94.5

227 64.4 32.1 96.3





#95

Naphthalene

Concen: 74.170 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

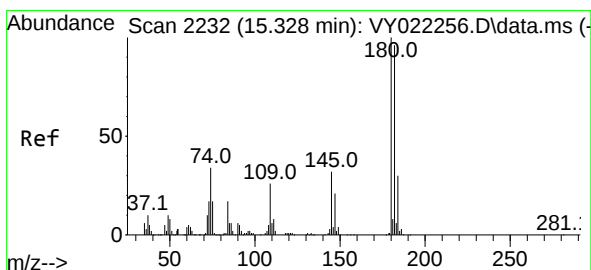
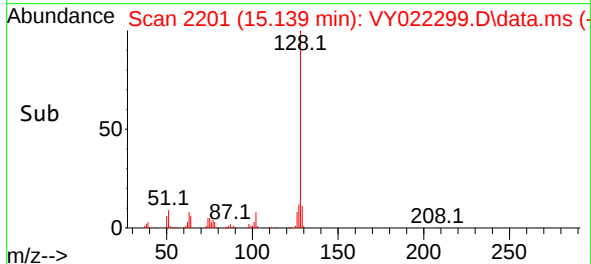
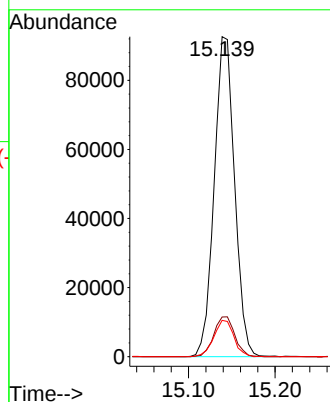
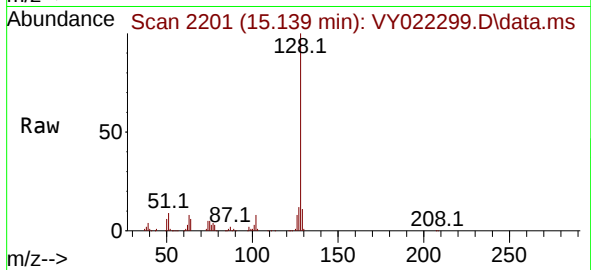
Tgt Ion:128 Resp: 151432

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.704 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022299.D

Acq: 16 May 2025 18:21

Tgt Ion:180 Resp: 48104

Ion Ratio Lower Upper

180 100

182 97.1 47.1 141.3

145 32.0 15.9 47.6

