

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022305.D
 Acq On : 19 May 2025 09:36
 Operator : SY/MD
 Sample : VY0519SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

Quant Time: May 20 01:08:39 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	200360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	338060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	283142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	133674	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112366	51.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.620%	
35) Dibromofluoromethane	7.634	113	103010	51.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.100%	
50) Toluene-d8	10.109	98	422064	51.074	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.140%	
62) 4-Bromofluorobenzene	12.408	95	126905	48.449	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	44358	21.217	ug/l	96
3) Chloromethane	2.068	50	116897	26.580	ug/l	97
4) Vinyl Chloride	2.202	62	131565	26.776	ug/l	96
5) Bromomethane	2.592	94	128052	32.014	ug/l	95
6) Chloroethane	2.733	64	88707	29.020	ug/l	99
7) Trichlorofluoromethane	3.050	101	124809	25.089	ug/l	99
8) Diethyl Ether	3.458	74	24485	20.509	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	45930	21.267	ug/l	99
10) Methyl Iodide	4.007	142	47593	19.040	ug/l	98
11) Tert butyl alcohol	4.885	59	16264	97.263	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	44662	20.839	ug/l	95
13) Acrolein	3.659	56	19980	81.733	ug/l	99
14) Allyl chloride	4.379	41	72879	19.394	ug/l	97
15) Acrylonitrile	5.061	53	49498	100.621	ug/l	99
16) Acetone	3.879	43	36473	88.830	ug/l	96
17) Carbon Disulfide	4.104	76	145351	20.798	ug/l	100
18) Methyl Acetate	4.397	43	25765	19.902	ug/l	94
19) Methyl tert-butyl Ether	5.122	73	121169	20.504	ug/l	98
20) Methylene Chloride	4.616	84	49524	18.666	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	48269	20.405	ug/l	96
22) Diisopropyl ether	6.025	45	155980	19.655	ug/l	98
23) Vinyl Acetate	5.964	43	462181	96.402	ug/l	99
24) 1,1-Dichloroethane	5.915	63	89842	20.264	ug/l	98
25) 2-Butanone	6.903	43	62462	90.946	ug/l	97
26) 2,2-Dichloropropane	6.884	77	80218	20.342	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	56075	20.541	ug/l	98
28) Bromochloromethane	7.250	49	37383	19.768	ug/l	98
29) Tetrahydrofuran	7.268	42	43669	98.831	ug/l	94
30) Chloroform	7.427	83	89033	20.936	ug/l	98
31) Cyclohexane	7.707	56	90210	20.365	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	82841	21.233	ug/l	98
36) 1,1-Dichloropropene	7.835	75	67180	20.214	ug/l	98
37) Ethyl Acetate	6.988	43	31330	19.593	ug/l	99
38) Carbon Tetrachloride	7.817	117	71104	20.669	ug/l	96
39) Methylcyclohexane	9.109	83	92475	20.711	ug/l	97
40) Benzene	8.085	78	198734	20.171	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	16423	15.483	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	54124	20.314	ug/l	100
43) Isopropyl Acetate	8.201	43	67210	19.272	ug/l	99
44) Trichloroethene	8.866	130	49995	20.408	ug/l	95
45) 1,2-Dichloropropane	9.146	63	47105	19.831	ug/l	100
46) Dibromomethane	9.231	93	26057	20.339	ug/l	98
47) Bromodichloromethane	9.427	83	67475	20.302	ug/l	98
48) Methyl methacrylate	9.225	41	31170	19.112	ug/l	96
49) 1,4-Dioxane	9.238	88	5453	376.764	ug/l	86
51) 4-Methyl-2-Pentanone	10.000	43	163969	95.823	ug/l	99
52) Toluene	10.170	92	124296	19.923	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	62956	19.409	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	74524	20.054	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	33564	20.459	ug/l	98
56) Ethyl methacrylate	10.439	69	49183	19.246	ug/l	97
57) 1,3-Dichloropropane	10.719	76	58922	20.214	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	100509	87.625	ug/l	98
59) 2-Hexanone	10.762	43	106193	92.558	ug/l	97
60) Dibromochloromethane	10.914	129	43173	20.275	ug/l	99
61) 1,2-Dibromoethane	11.018	107	31396	20.533	ug/l	99
64) Tetrachloroethene	10.652	164	53401	20.405	ug/l	98
65) Chlorobenzene	11.444	112	129758	20.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	43074	19.614	ug/l	98
67) Ethyl Benzene	11.524	91	237230	19.830	ug/l	99
68) m/p-Xylenes	11.633	106	180140	39.960	ug/l	96
69) o-Xylene	11.957	106	83514	19.581	ug/l	99
70) Styrene	11.969	104	140922	19.587	ug/l	98
71) Bromoform	12.133	173	23328	19.680	ug/l #	98
73) Isopropylbenzene	12.255	105	220761	19.935	ug/l	100
74) N-amyl acetate	12.072	43	58768	18.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	34721	20.387	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	23415m	17.290	ug/l	
77) Bromobenzene	12.536	156	46286	19.569	ug/l	99
78) n-propylbenzene	12.597	91	268280	20.084	ug/l	100
79) 2-Chlorotoluene	12.682	91	143678	19.573	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	174835	19.557	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	13091	19.582	ug/l	97
82) 4-Chlorotoluene	12.780	91	144394	19.124	ug/l	99
83) tert-Butylbenzene	12.999	119	157481	19.820	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	174561	19.671	ug/l	100
85) sec-Butylbenzene	13.176	105	235349	19.954	ug/l	99
86) p-Isopropyltoluene	13.292	119	191316	19.286	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	92027	19.059	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	91240	19.645	ug/l	99
89) n-Butylbenzene	13.621	91	186063	19.826	ug/l	99
90) Hexachloroethane	13.883	117	39735	19.843	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	79761	19.666	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5501	20.030	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	44423	18.962	ug/l	99
94) Hexachlorobutadiene	15.023	225	25456	19.484	ug/l	98
95) Naphthalene	15.145	128	85379	19.205	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	38129	19.185	ug/l	99

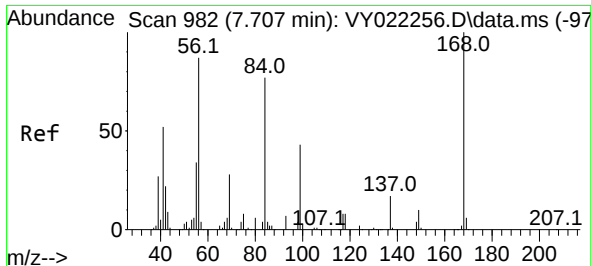
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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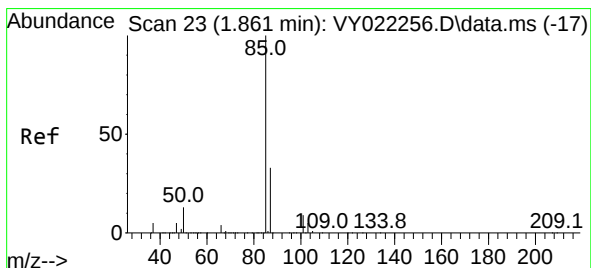
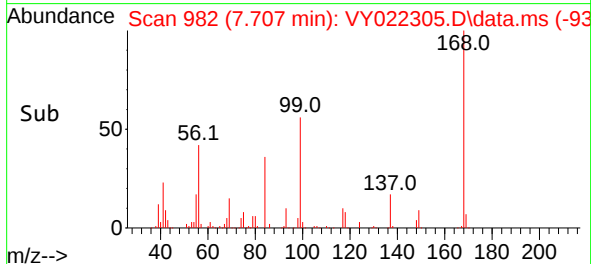
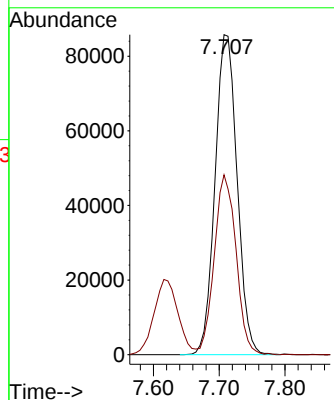
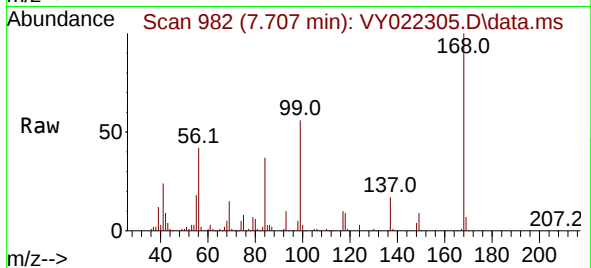
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022305.D
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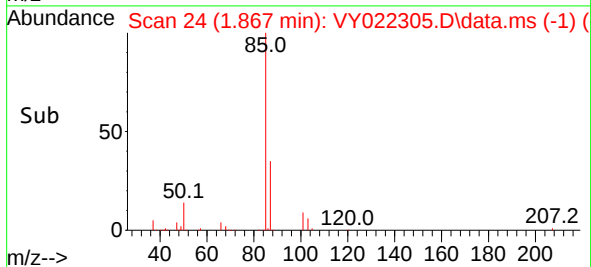
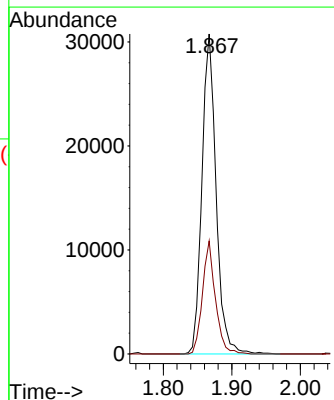
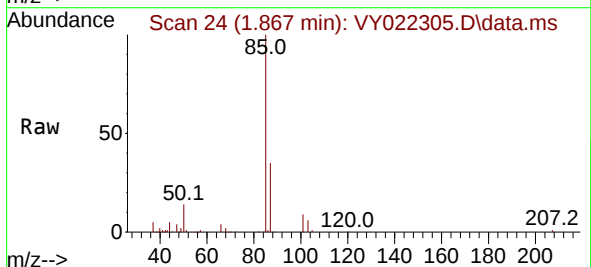
Instrument :
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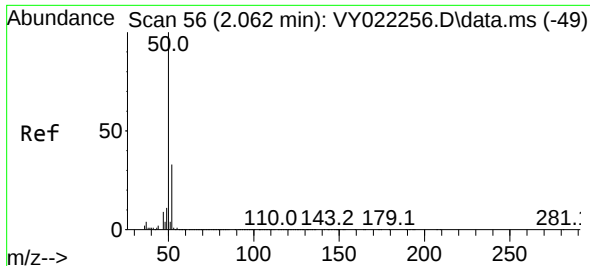
Tgt Ion:168 Resp: 200360
Ion Ratio Lower Upper
168 100
99 56.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 21.217 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 85 Resp: 44358
Ion Ratio Lower Upper
85 100
87 35.3 16.5 49.5

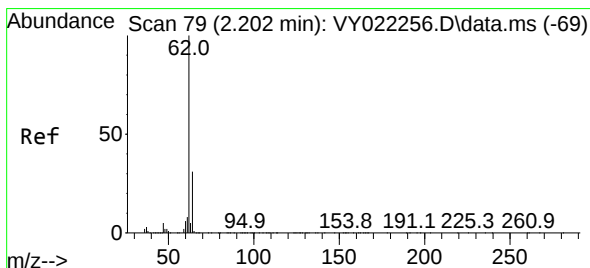
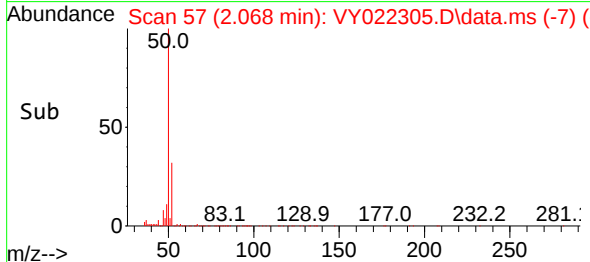
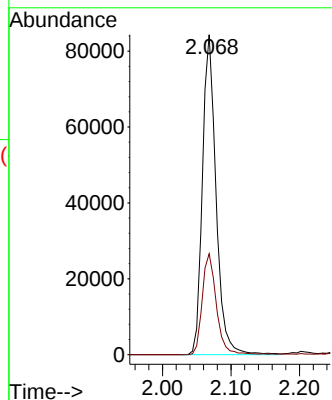
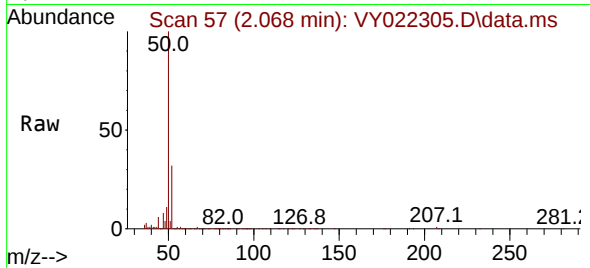




#3
Chloromethane
Concen: 26.580 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

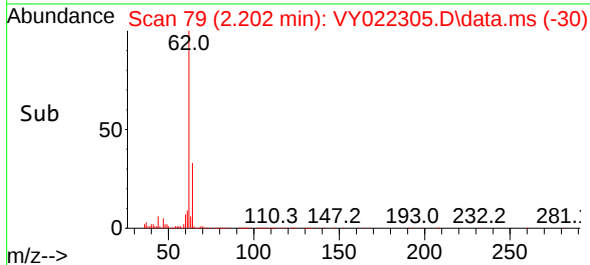
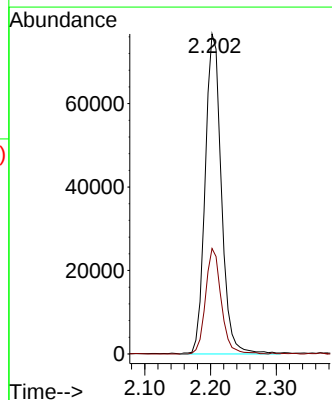
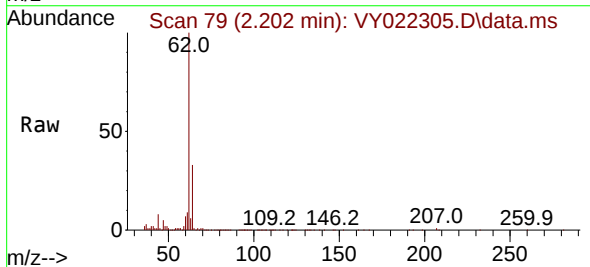
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

Tgt Ion: 50 Resp: 116897
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7



#4
Vinyl Chloride
Concen: 26.776 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 62 Resp: 131565
Ion Ratio Lower Upper
62 100
64 33.0 24.5 36.7

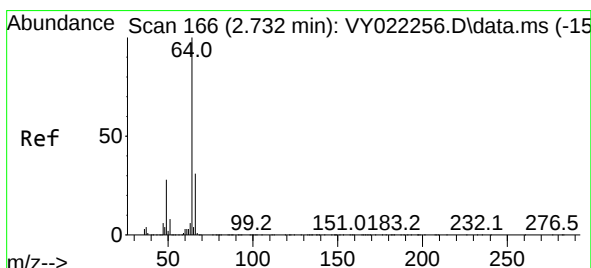
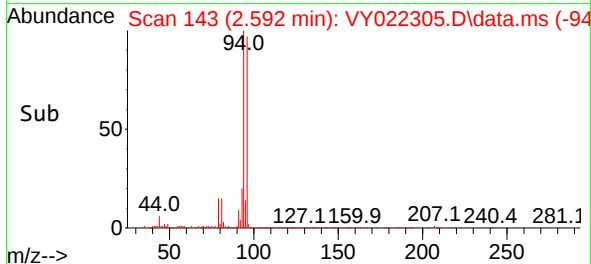
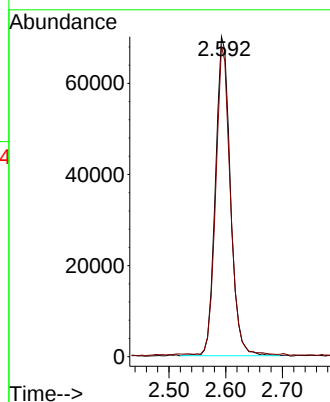
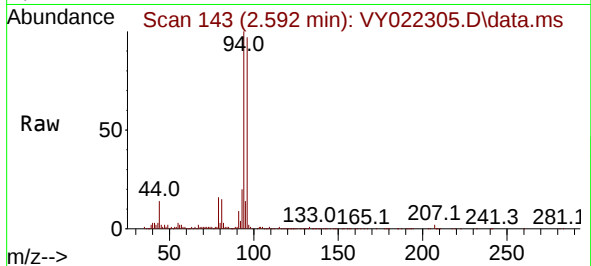




#5
Bromomethane
Concen: 32.014 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022305.D
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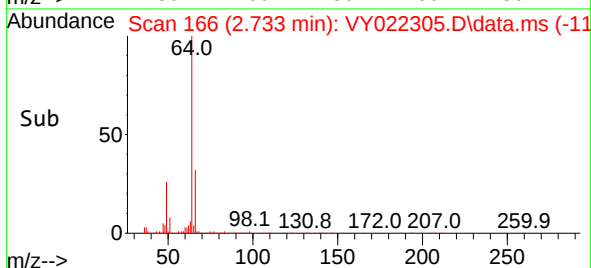
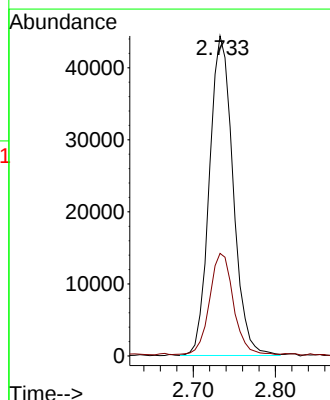
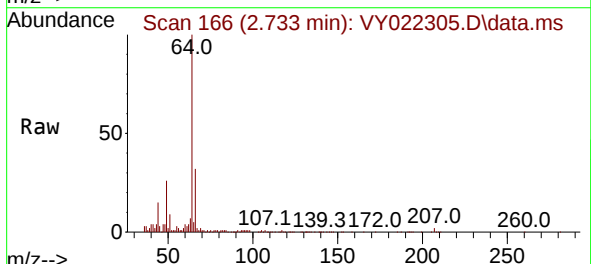
Instrument :
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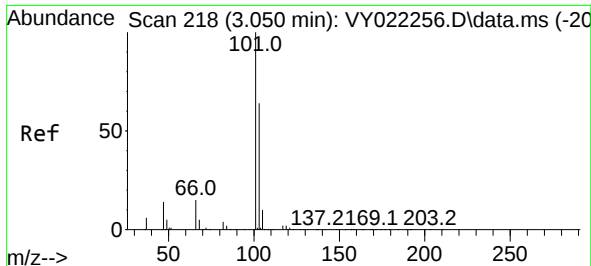
Tgt Ion: 94 Resp: 128052
Ion Ratio Lower Upper
94 100
96 96.6 73.4 110.0



#6
Chloroethane
Concen: 29.020 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 64 Resp: 88707
Ion Ratio Lower Upper
64 100
66 31.6 24.8 37.2

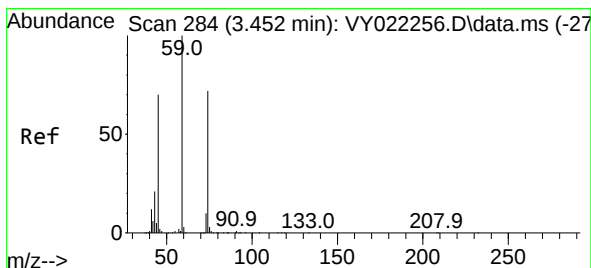
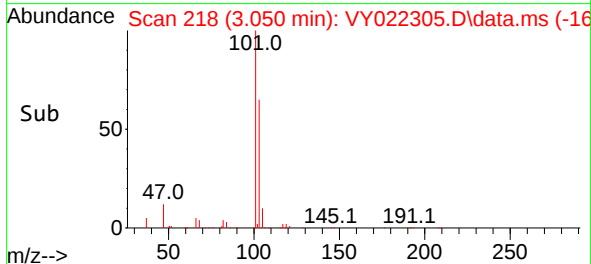
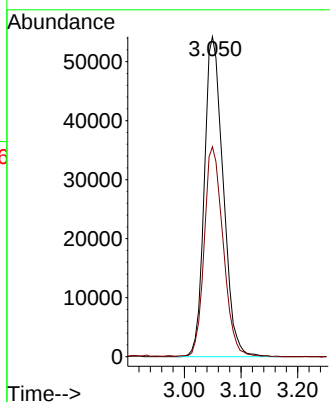
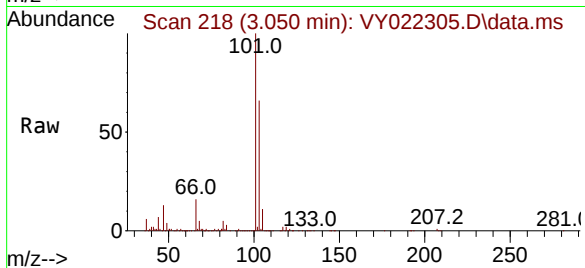




#7
Trichlorofluoromethane
Concen: 25.089 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022305.D
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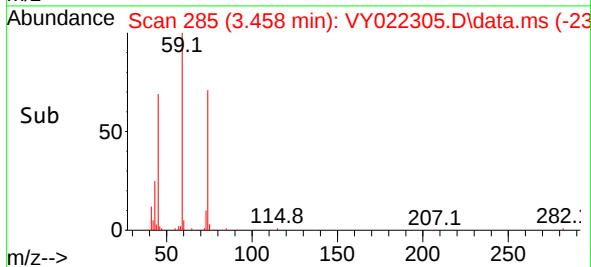
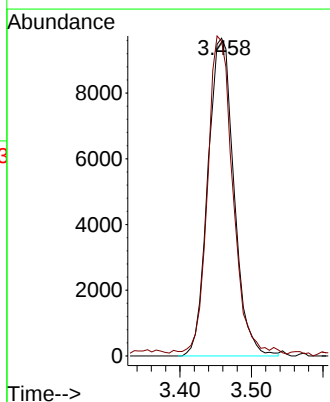
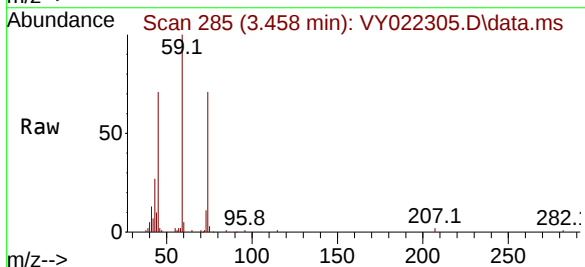
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Tgt Ion:101 Resp: 124809
Ion Ratio Lower Upper
101 100
103 65.5 51.7 77.5



#8
Diethyl Ether
Concen: 20.509 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 74 Resp: 24485
Ion Ratio Lower Upper
74 100
45 97.0 48.6 145.8

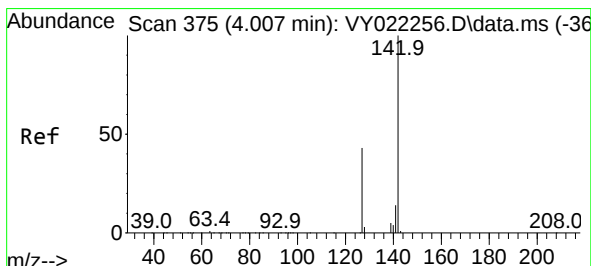
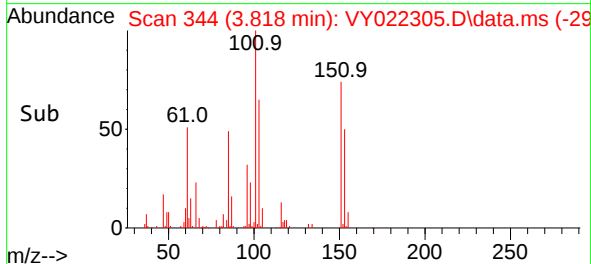
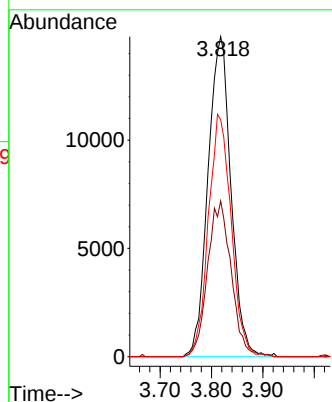
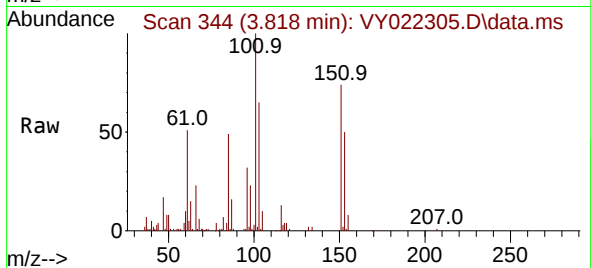




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.267 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
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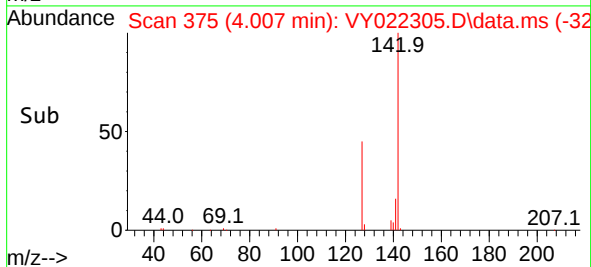
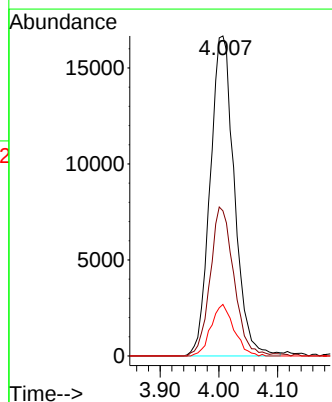
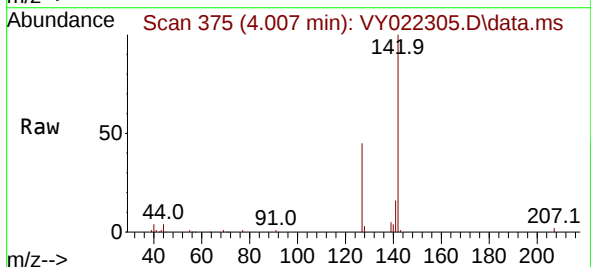
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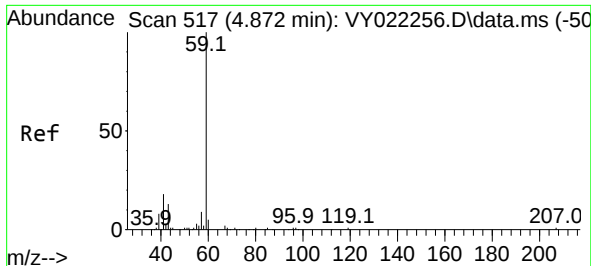
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Ion Ratio Lower Upper
101 100
85 50.0 38.6 58.0
151 75.0 59.7 89.5



#10
Methyl Iodide
Concen: 19.040 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion:142 Resp: 47593
Ion Ratio Lower Upper
142 100
127 45.6 35.7 53.5
141 15.4 11.1 16.7

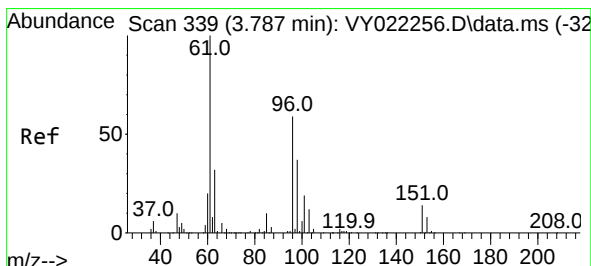
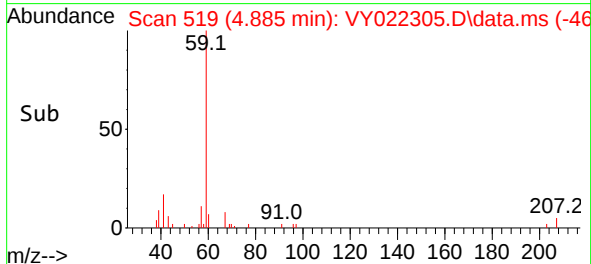
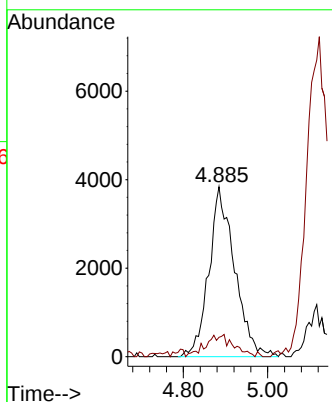
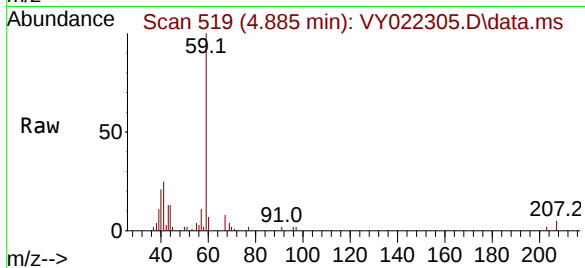




#11
Tert butyl alcohol
Concen: 97.263 ug/l
RT: 4.885 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

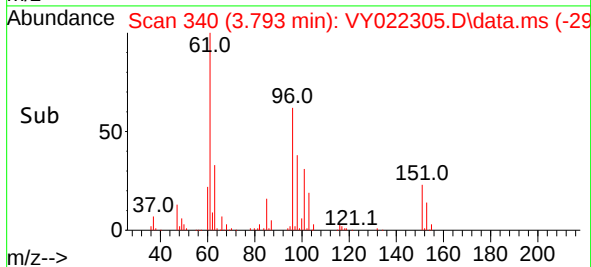
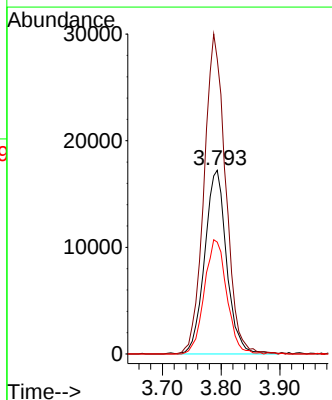
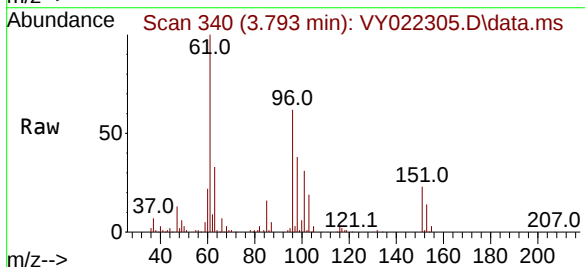
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

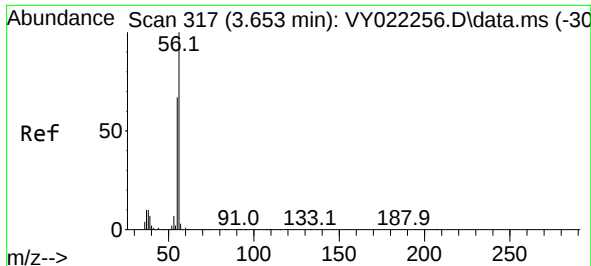
Tgt Ion: 59 Resp: 16264
Ion Ratio Lower Upper
59 100
57 6.2 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 20.839 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 96 Resp: 44662
Ion Ratio Lower Upper
96 100
61 160.1 134.9 202.3
98 60.9 49.9 74.9

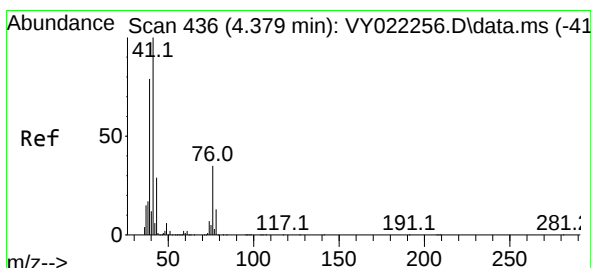
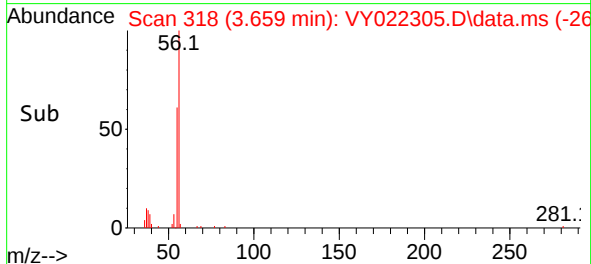
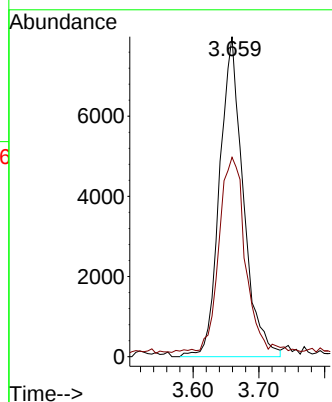
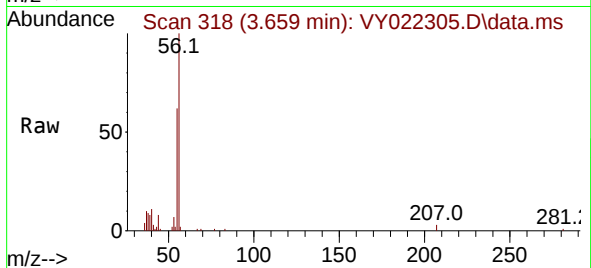




#13
Acrolein
Concen: 81.733 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

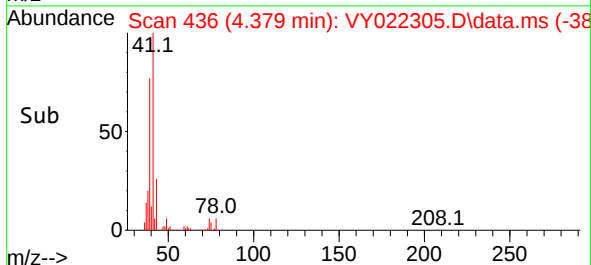
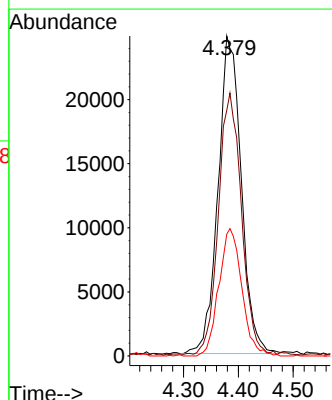
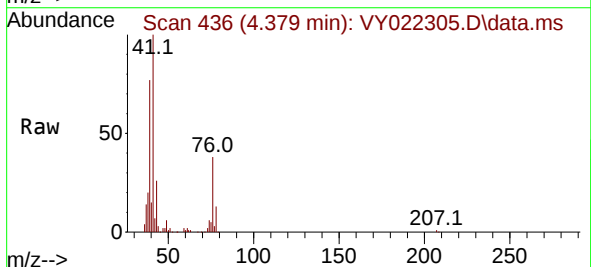
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

Tgt Ion: 56 Resp: 19980
Ion Ratio Lower Upper
56 100
55 68.4 55.6 83.4



#14
Allyl chloride
Concen: 19.394 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 41 Resp: 72879
Ion Ratio Lower Upper
41 100
39 81.7 63.4 95.0
76 39.8 29.5 44.3

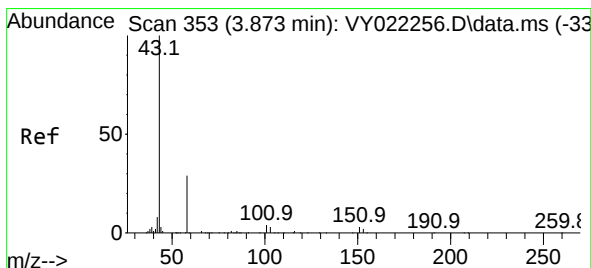
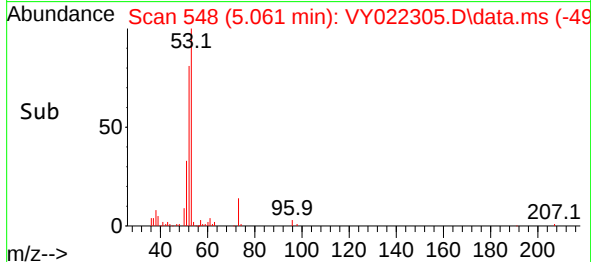
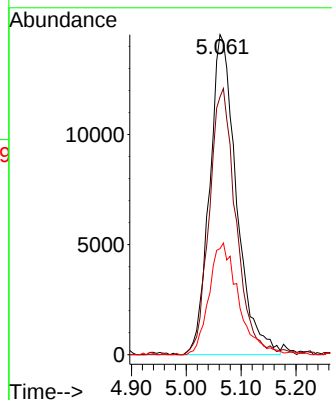
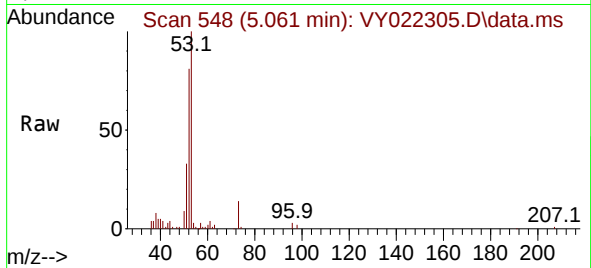




#15
Acrylonitrile
Concen: 100.621 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

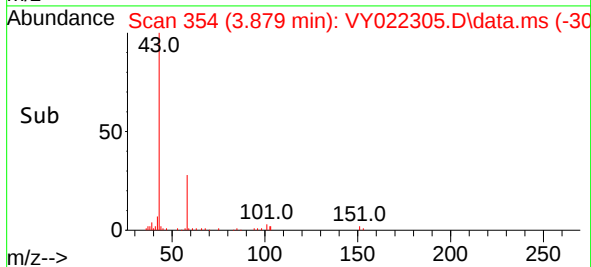
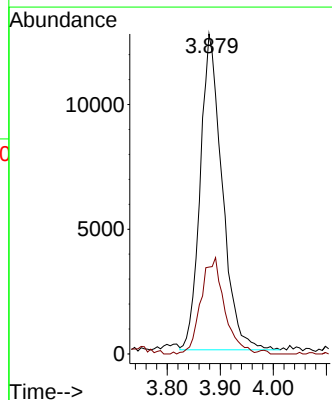
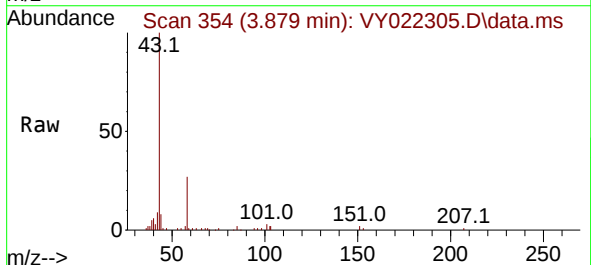
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

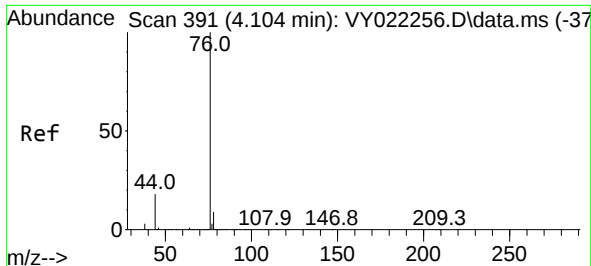
Tgt Ion: 53 Resp: 49498
Ion Ratio Lower Upper
53 100
52 82.0 66.1 99.1
51 38.2 30.0 45.0



#16
Acetone
Concen: 88.830 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 43 Resp: 36473
Ion Ratio Lower Upper
43 100
58 27.5 23.6 35.4

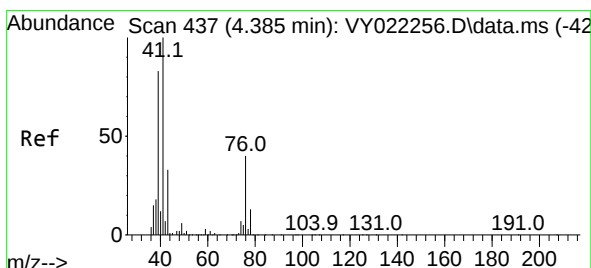
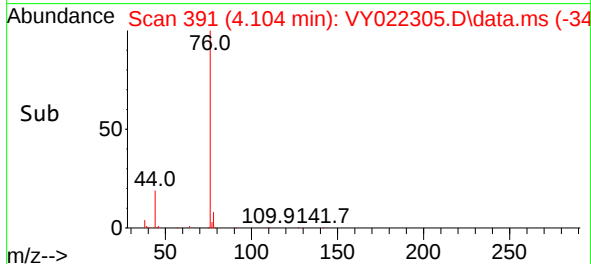
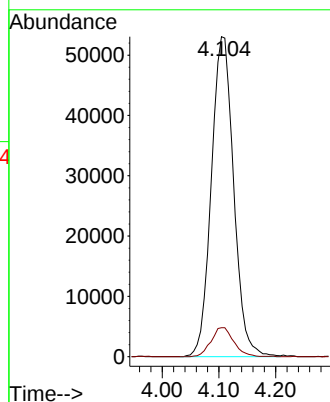
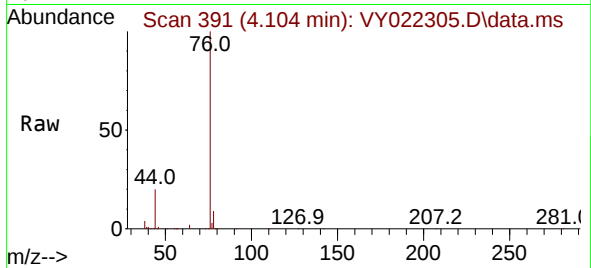




#17
Carbon Disulfide
Concen: 20.798 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

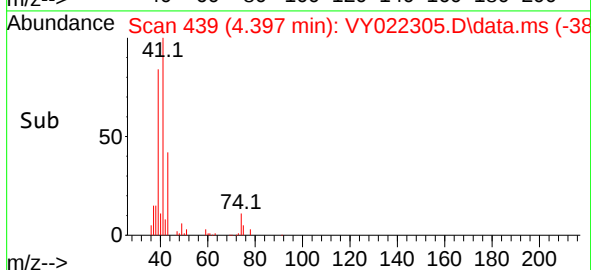
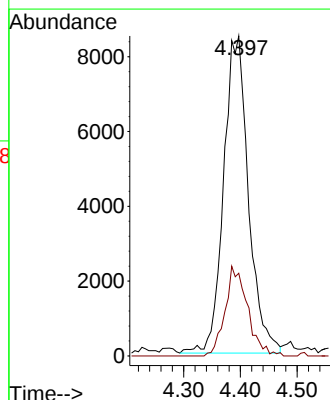
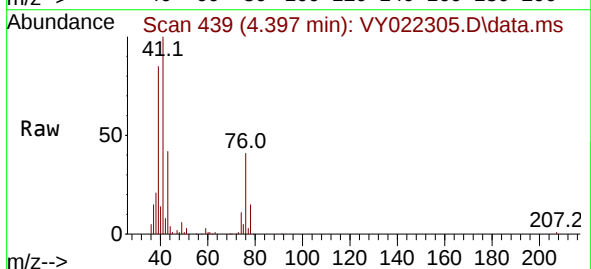
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

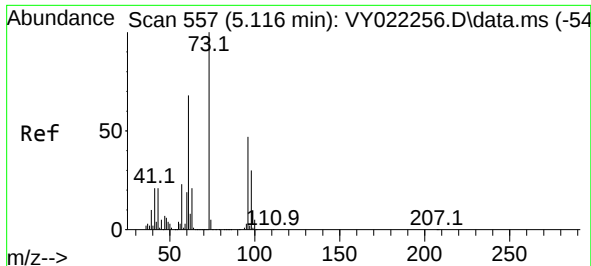
Tgt Ion: 76 Resp: 145351
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 19.902 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 43 Resp: 25765
Ion Ratio Lower Upper
43 100
74 25.6 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 20.504 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

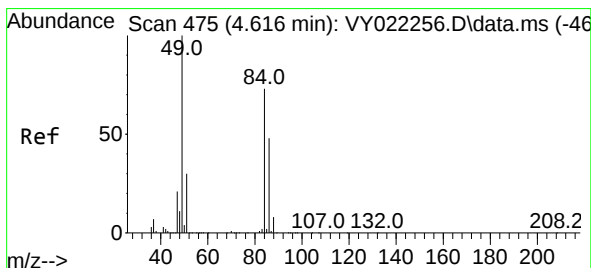
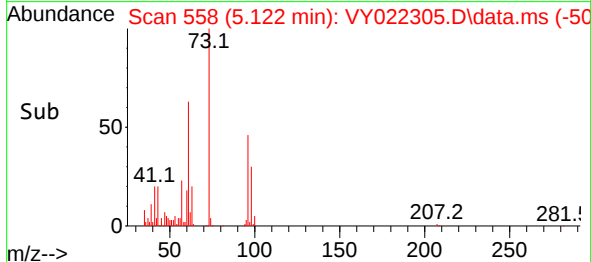
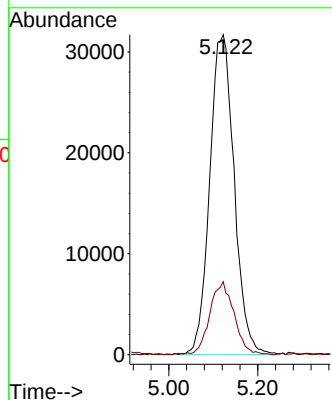
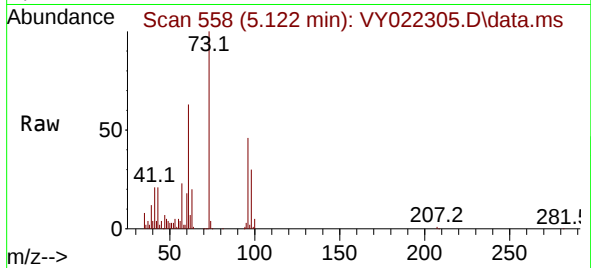
VY0519SBS01

Tgt Ion: 73 Resp: 121169

Ion Ratio Lower Upper

73 100

57 22.6 18.6 28.0



#20

Methylene Chloride

Concen: 18.666 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Tgt Ion: 84 Resp: 49524

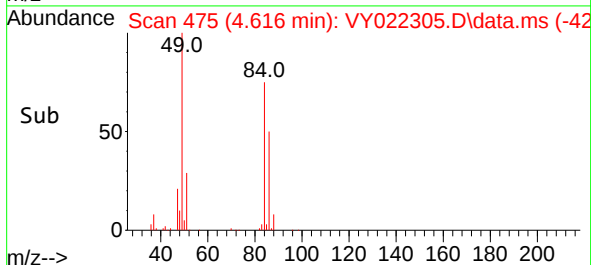
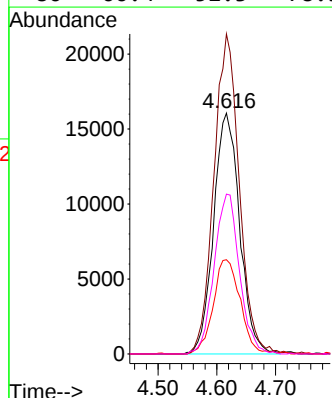
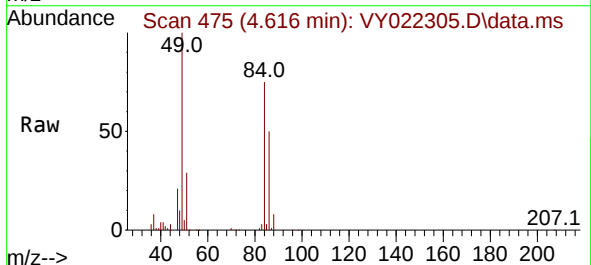
Ion Ratio Lower Upper

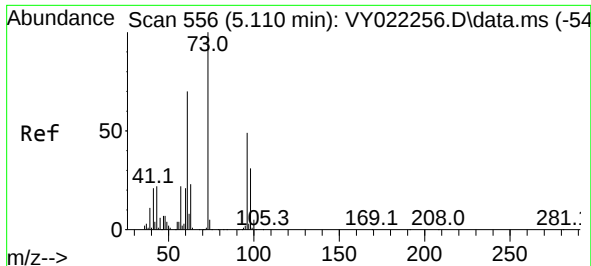
84 100

49 132.9 109.6 164.4

51 39.1 32.4 48.6

86 66.4 52.3 78.5

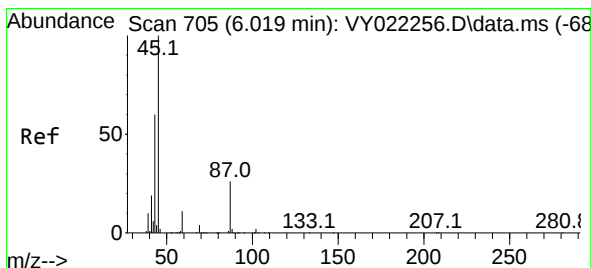
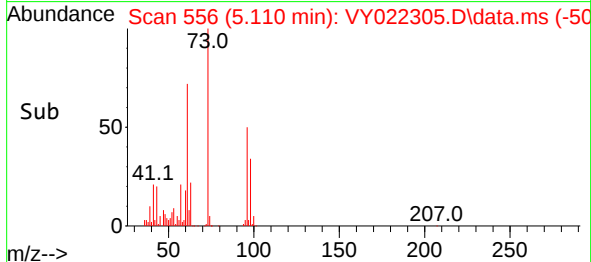
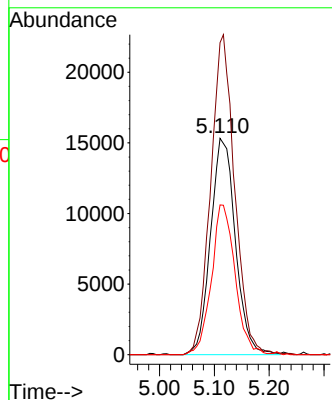
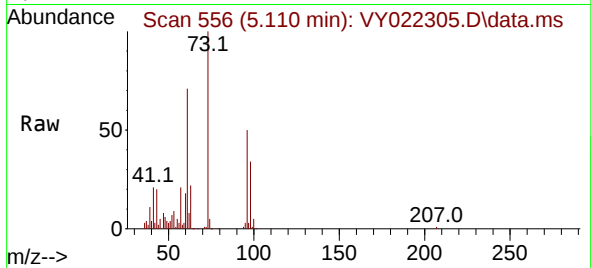




#21
trans-1,2-Dichloroethene
Concen: 20.405 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

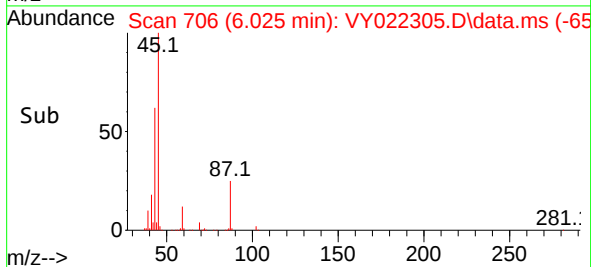
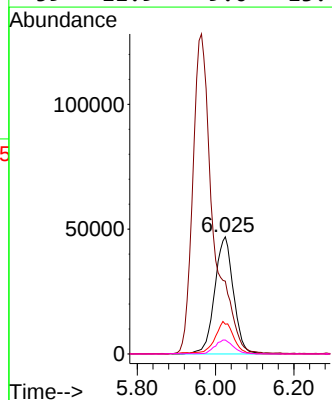
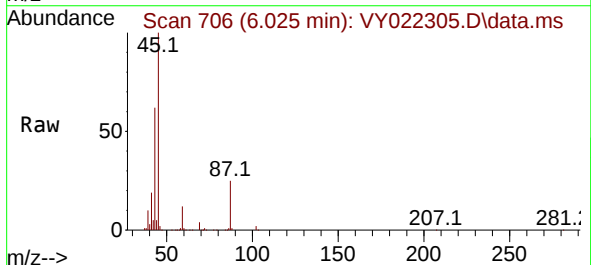
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

Tgt Ion: 96 Resp: 48269
Ion Ratio Lower Upper
96 100
61 144.2 113.4 170.0
98 69.2 50.9 76.3



#22
Diisopropyl ether
Concen: 19.655 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 45 Resp: 155980
Ion Ratio Lower Upper
45 100
43 61.2 48.2 72.2
87 25.4 21.4 32.0
59 11.9 9.0 13.4

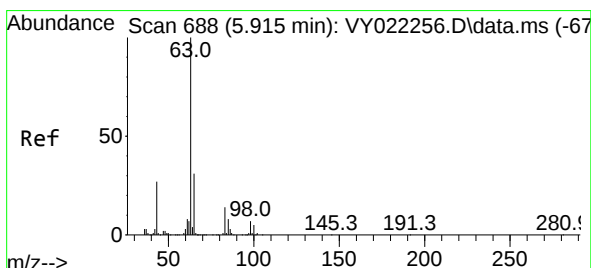
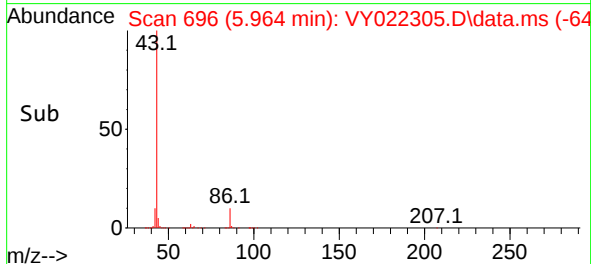
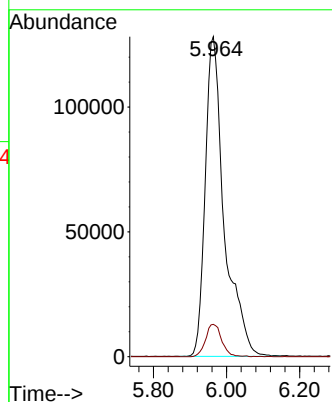
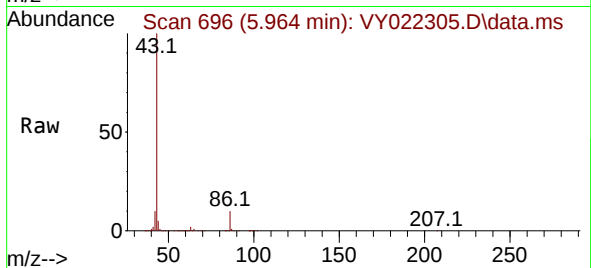




#23
 Vinyl Acetate
 Concen: 96.402 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022305.D
 Acq: 19 May 2025 09:36

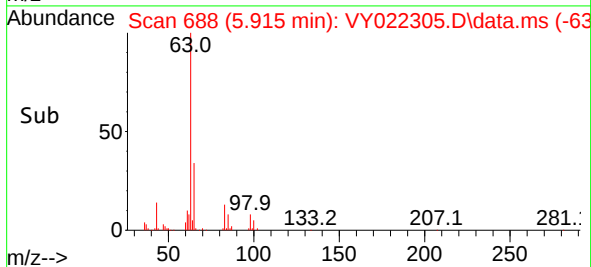
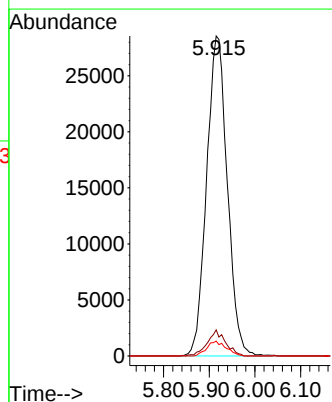
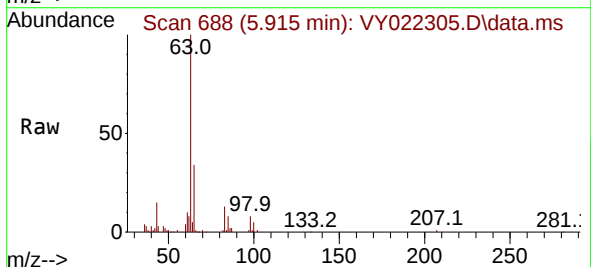
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

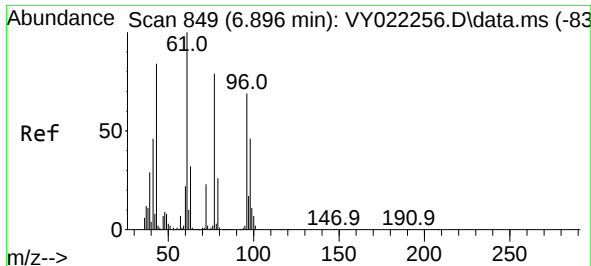
Tgt Ion: 43 Resp: 462181
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.264 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022305.D
 Acq: 19 May 2025 09:36

Tgt Ion: 63 Resp: 89842
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.5
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 90.946 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

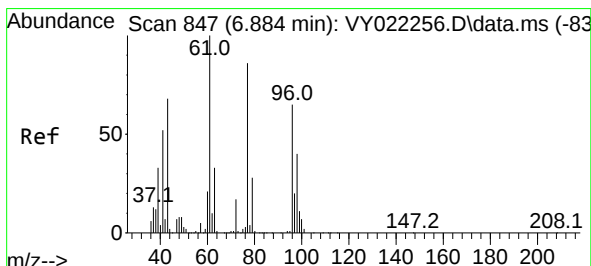
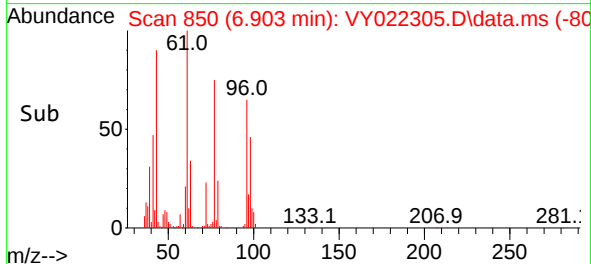
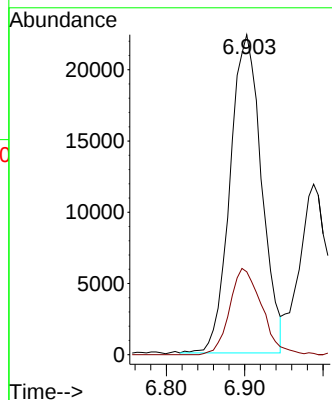
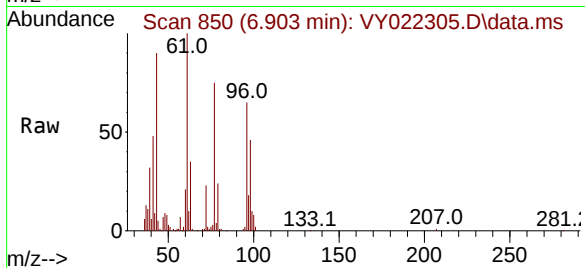
VY0519SBS01

Tgt Ion: 43 Resp: 62462

Ion Ratio Lower Upper

43 100

72 26.0 22.1 33.1



#26

2,2-Dichloropropane

Concen: 20.342 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022305.D

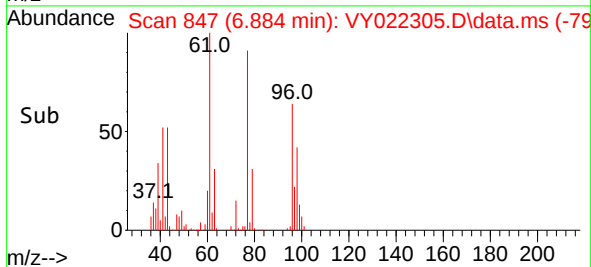
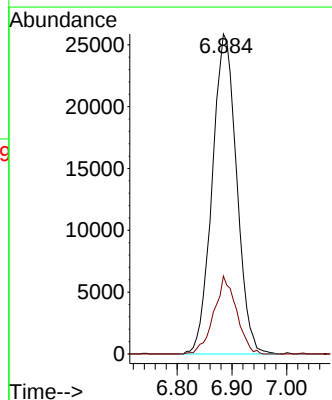
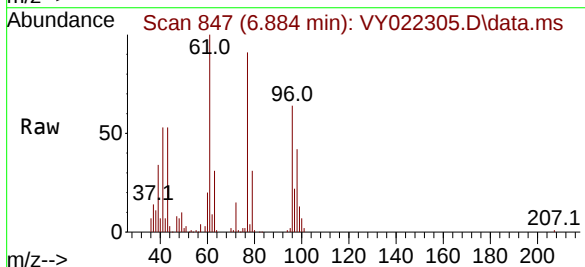
Acq: 19 May 2025 09:36

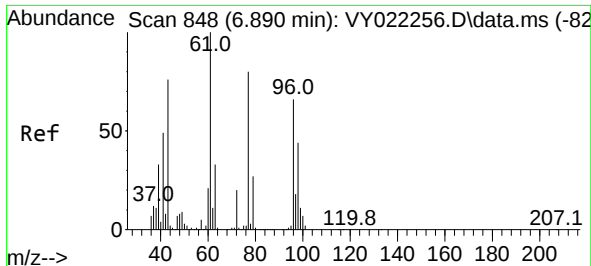
Tgt Ion: 77 Resp: 80218

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.5

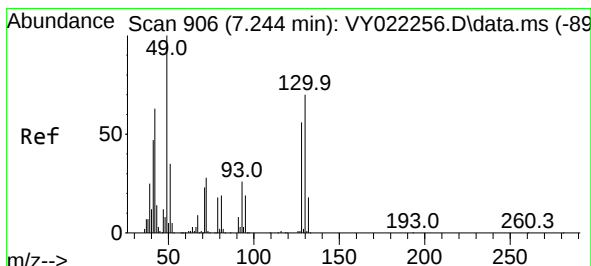
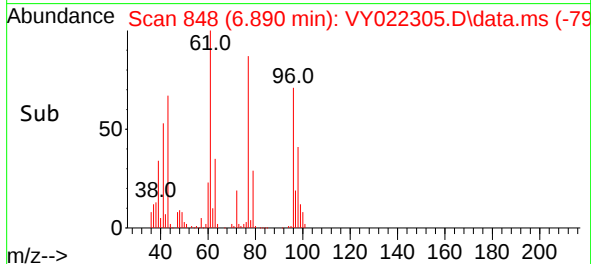
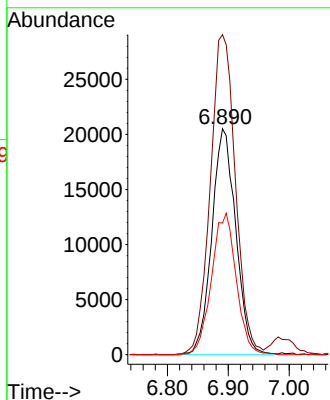
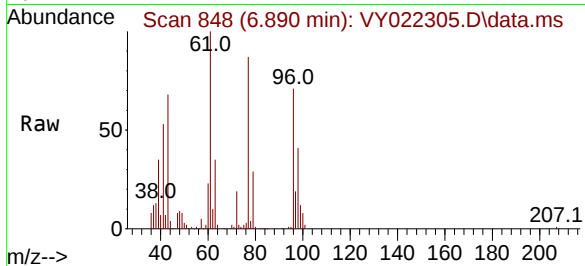




#27
 cis-1,2-Dichloroethene
 Concen: 20.541 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY022305.D
 Acq: 19 May 2025 09:36

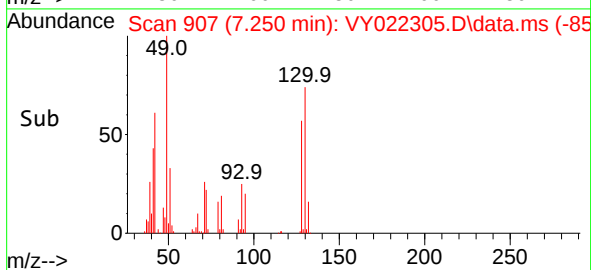
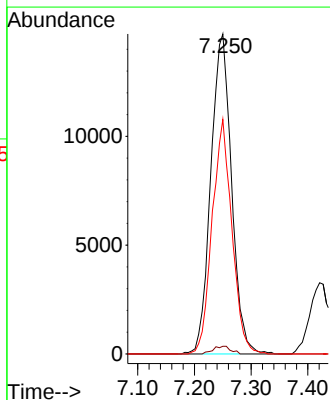
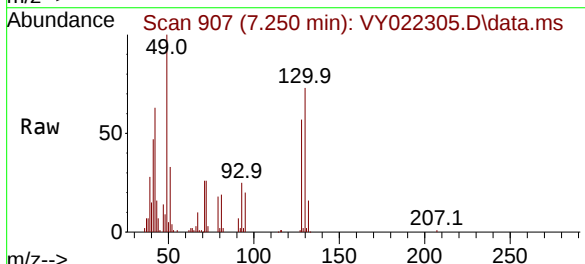
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

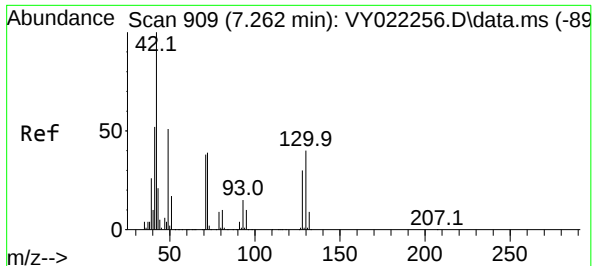
Tgt Ion: 96 Resp: 56075
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 302.6
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 19.768 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY022305.D
 Acq: 19 May 2025 09:36

Tgt Ion: 49 Resp: 37383
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 69.9 54.7 82.1





#29

Tetrahydrofuran

Concen: 98.831 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

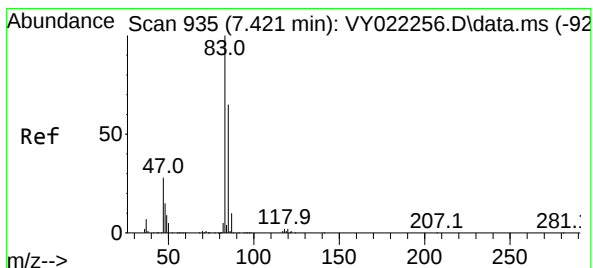
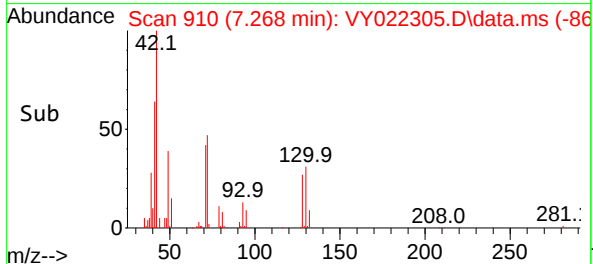
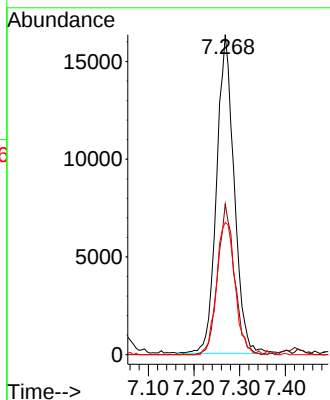
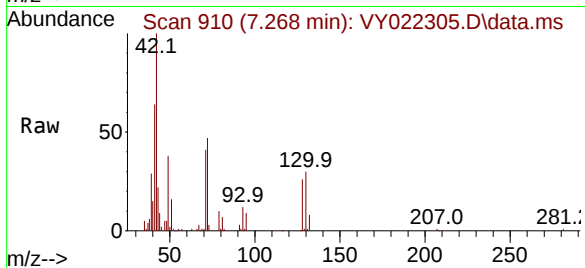
Tgt Ion: 42 Resp: 43669

Ion Ratio Lower Upper

42 100

72 45.0 33.8 50.6

71 43.5 31.5 47.3



#30

Chloroform

Concen: 20.936 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY022305.D

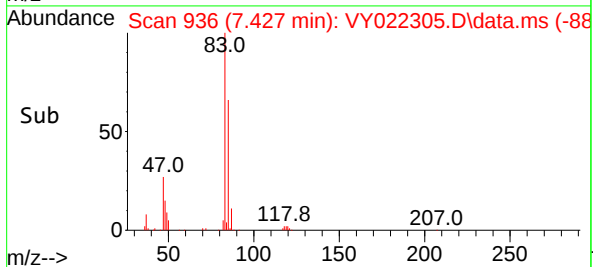
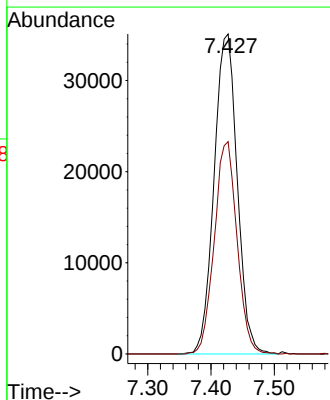
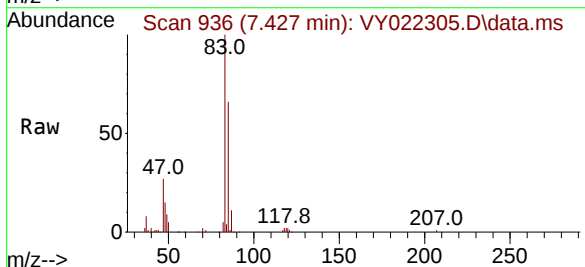
Acq: 19 May 2025 09:36

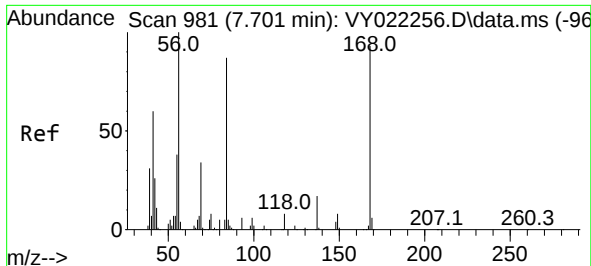
Tgt Ion: 83 Resp: 89033

Ion Ratio Lower Upper

83 100

85 66.3 51.8 77.8

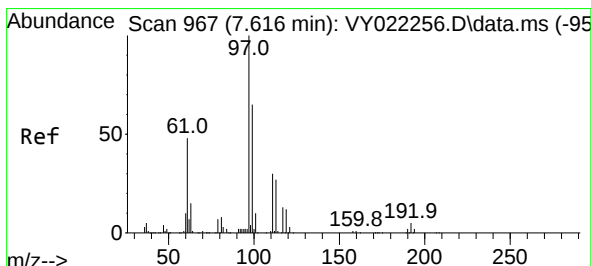
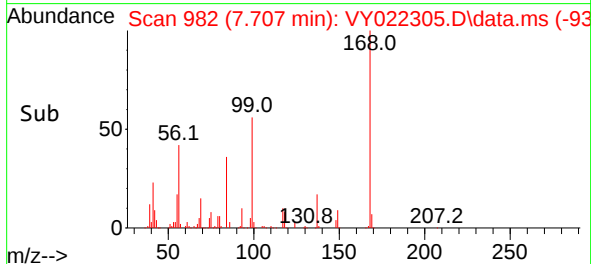
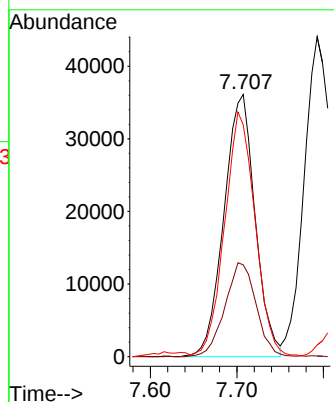
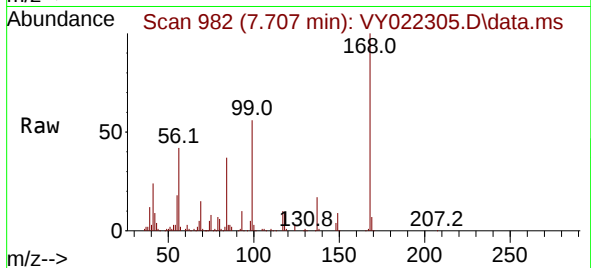




#31
Cyclohexane
Concen: 20.365 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

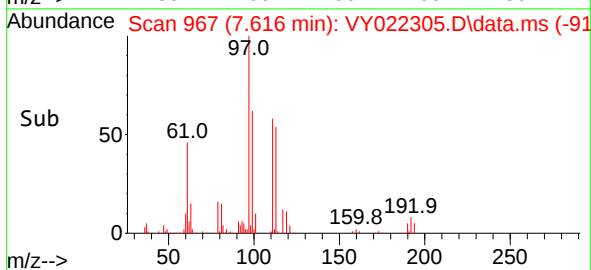
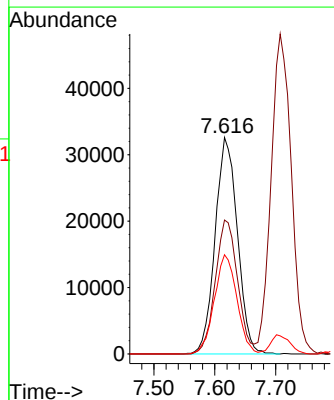
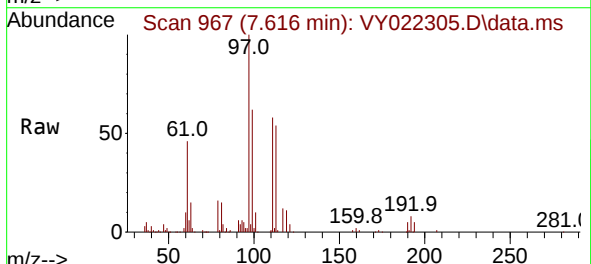
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

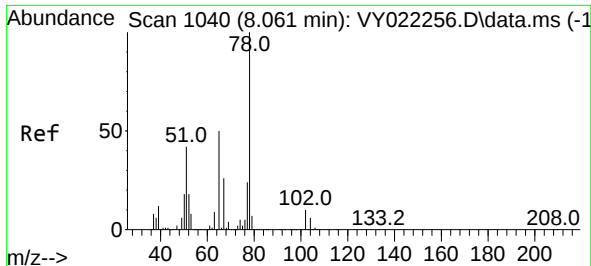
Tgt Ion: 56 Resp: 90210
Ion Ratio Lower Upper
56 100
69 35.0 27.4 41.2
84 86.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 21.233 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 97 Resp: 82841
Ion Ratio Lower Upper
97 100
99 62.0 51.4 77.0
61 46.4 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 51.315 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

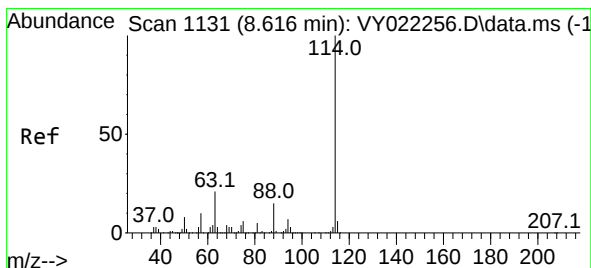
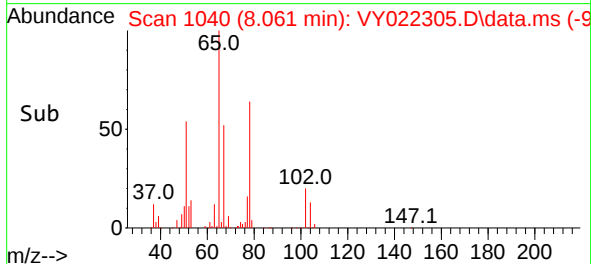
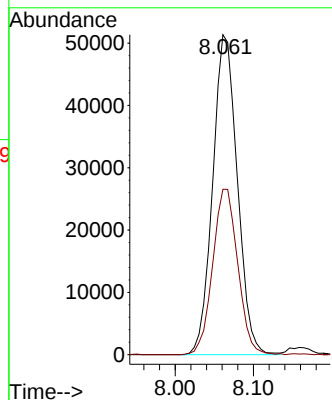
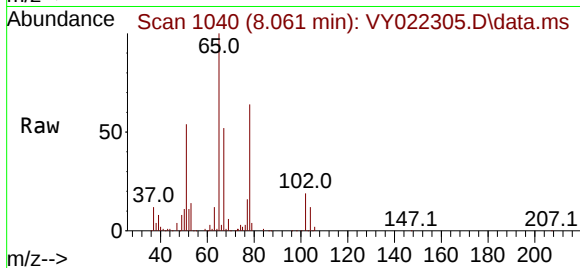
VY0519SBS01

Tgt Ion: 65 Resp: 112366

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

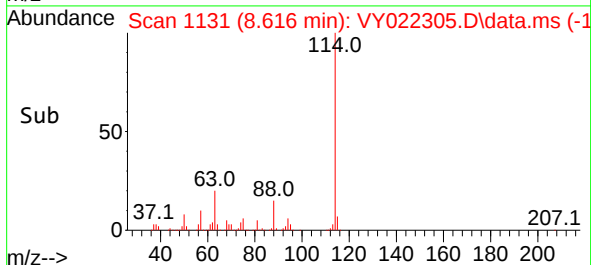
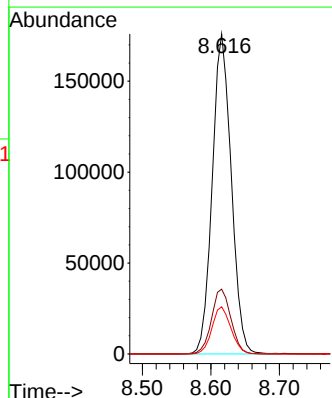
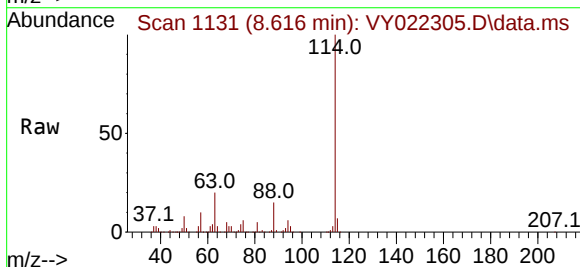
Tgt Ion: 114 Resp: 338060

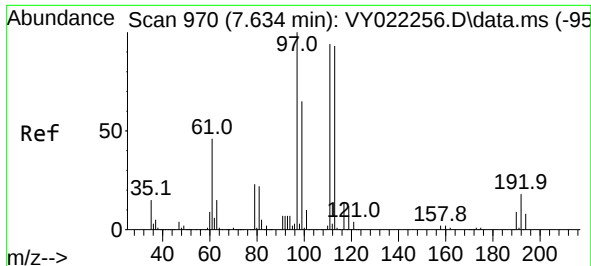
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.0

88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.052 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

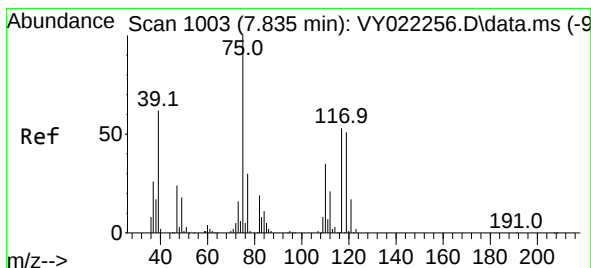
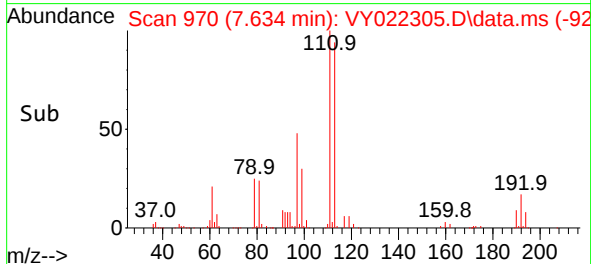
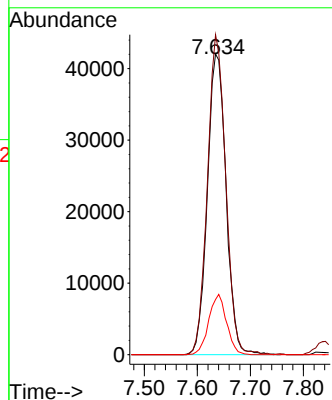
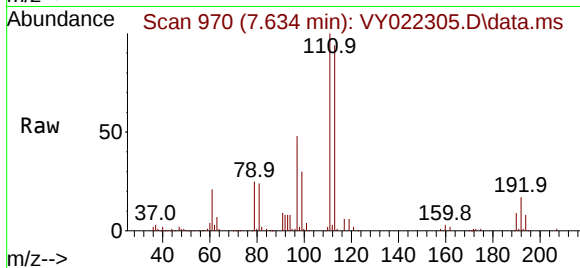
Tgt Ion:113 Resp: 103010

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 19.1 15.2 22.8



#36

1,1-Dichloropropene

Concen: 20.214 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

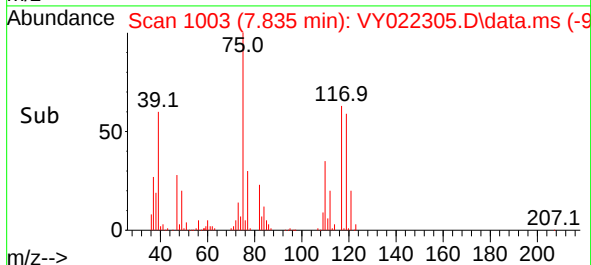
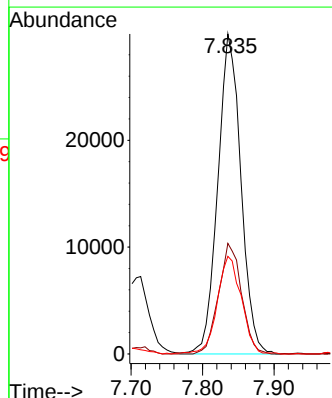
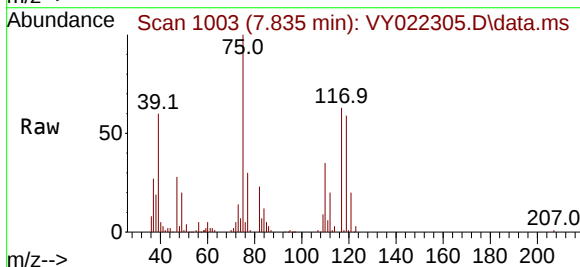
Tgt Ion: 75 Resp: 67180

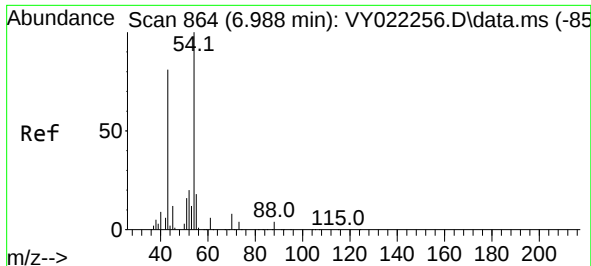
Ion Ratio Lower Upper

75 100

110 34.3 16.6 49.8

77 31.9 24.6 37.0





#37

Ethyl Acetate

Concen: 19.593 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

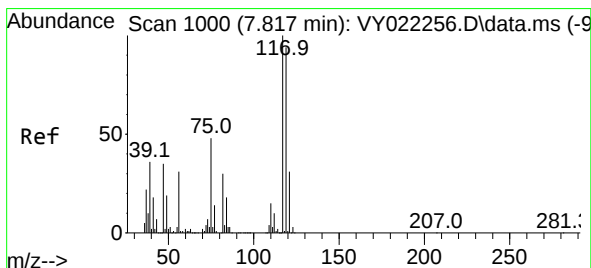
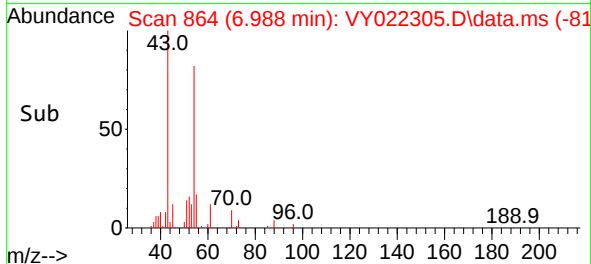
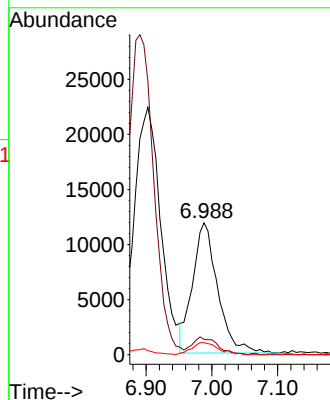
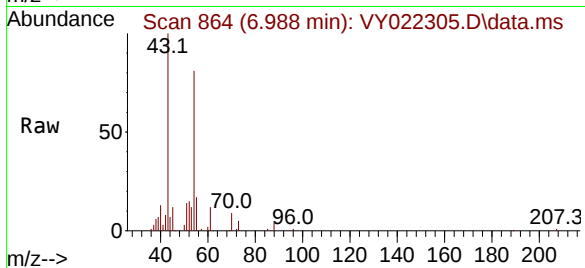
Tgt Ion: 43 Resp: 31330

Ion Ratio Lower Upper

43 100

61 13.4 10.2 15.2

70 9.8 7.6 11.4



#38

Carbon Tetrachloride

Concen: 20.669 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

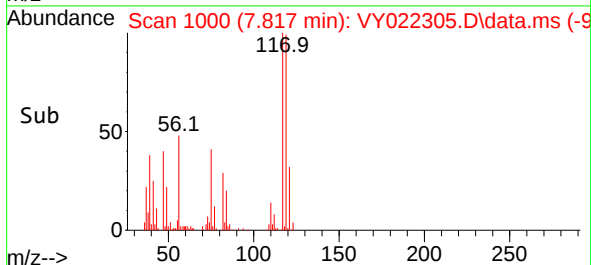
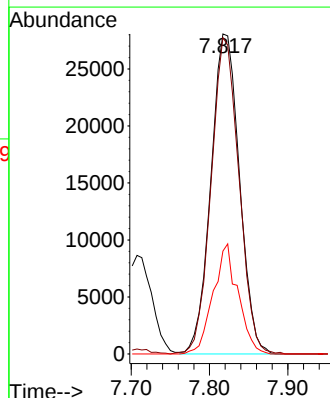
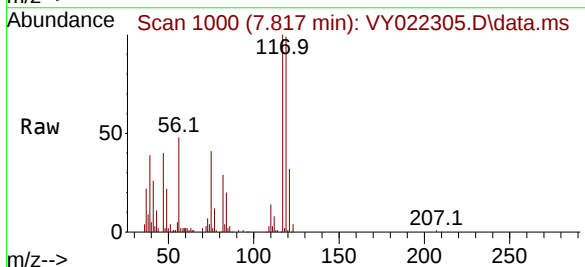
Tgt Ion: 117 Resp: 71104

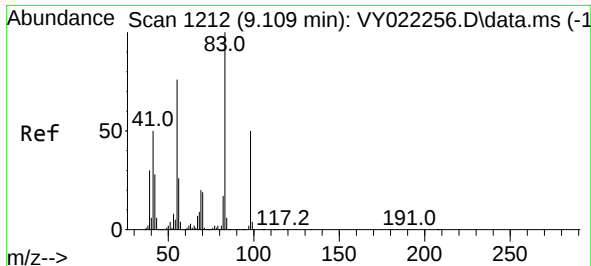
Ion Ratio Lower Upper

117 100

119 98.3 75.3 112.9

121 32.1 24.7 37.1





#39

Methylcyclohexane

Concen: 20.711 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

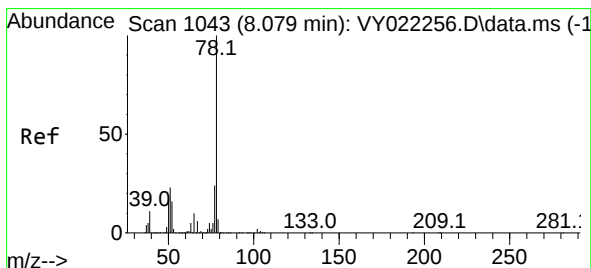
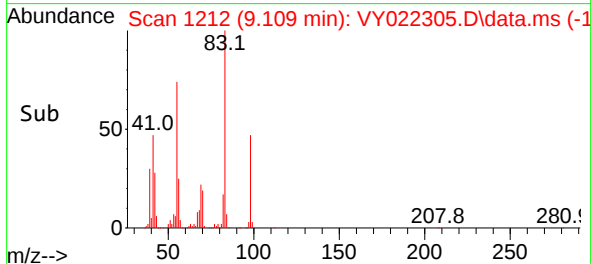
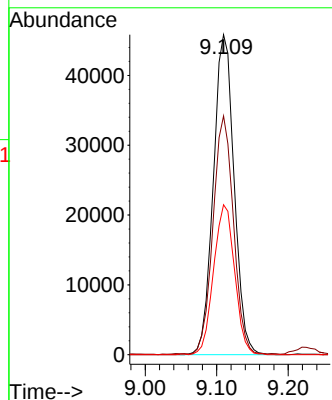
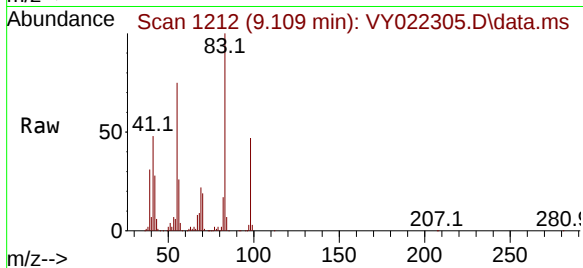
Tgt Ion: 83 Resp: 92475

Ion Ratio Lower Upper

83 100

55 74.4 60.6 90.8

98 46.8 40.0 60.0



#40

Benzene

Concen: 20.171 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY022305.D

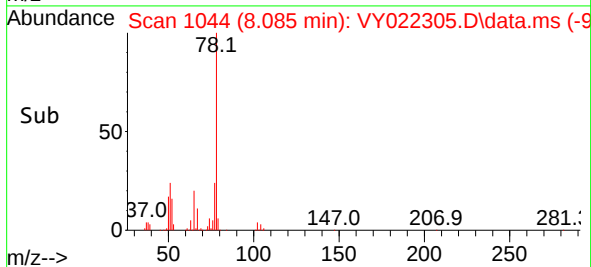
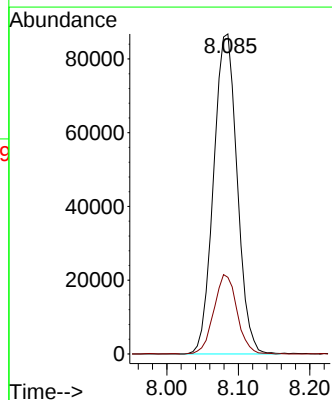
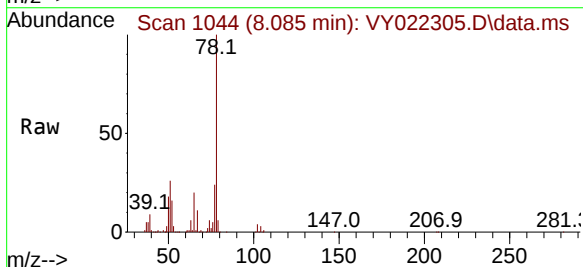
Acq: 19 May 2025 09:36

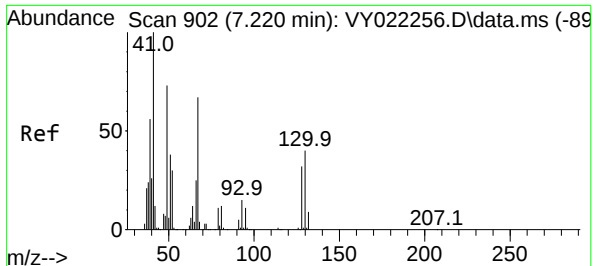
Tgt Ion: 78 Resp: 198734

Ion Ratio Lower Upper

78 100

77 24.0 18.9 28.3

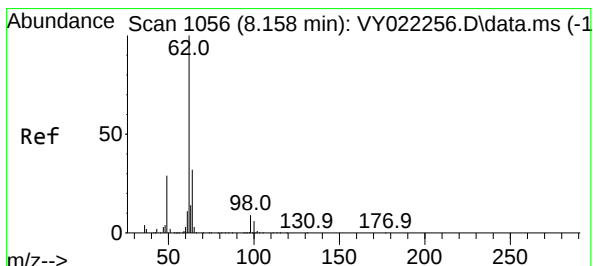
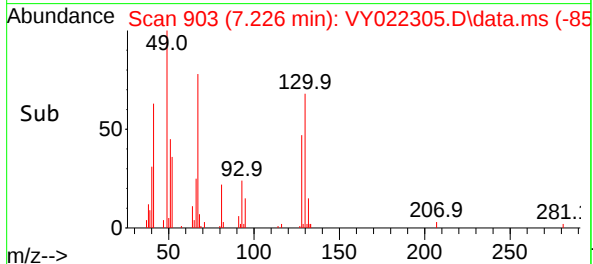
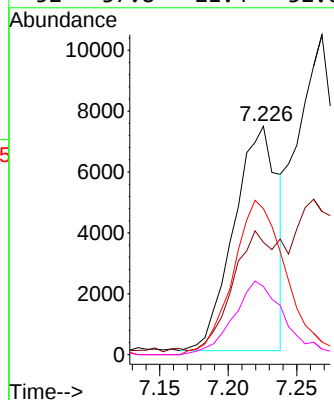
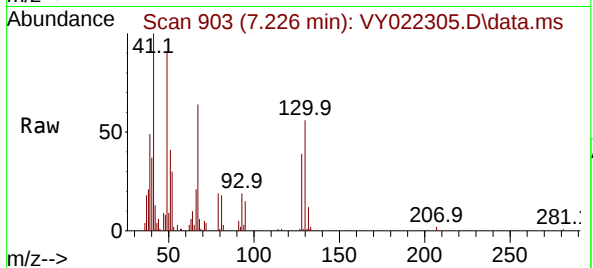




#41
Methacrylonitrile
Concen: 15.483 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

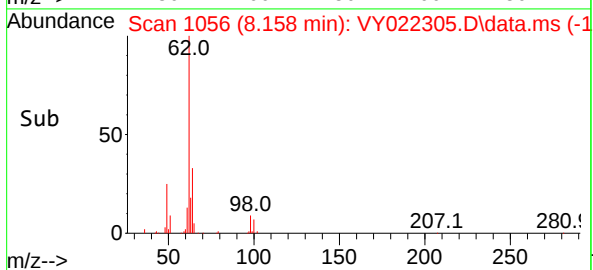
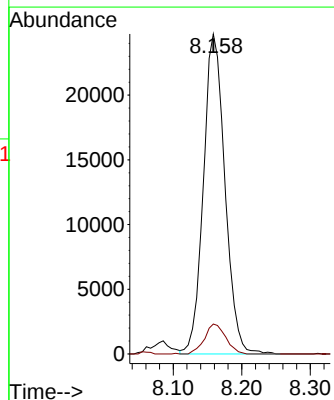
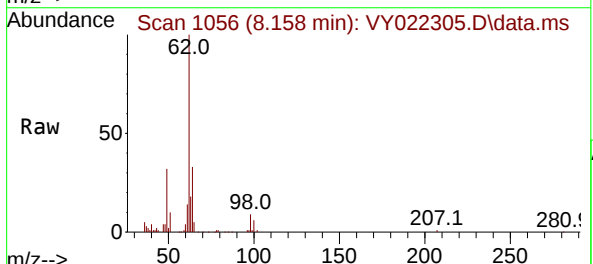
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

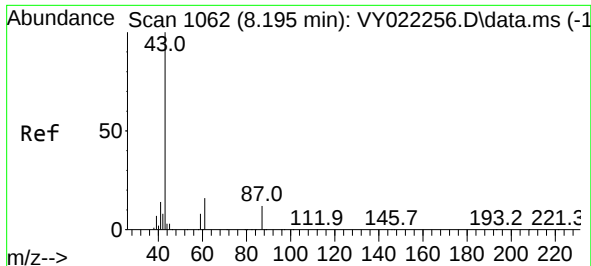
Tgt Ion: 41 Resp: 16423
Ion Ratio Lower Upper
41 100
39 48.0 39.1 58.7
67 82.8 47.1 70.7#
52 37.8 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 20.314 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 62 Resp: 54124
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4

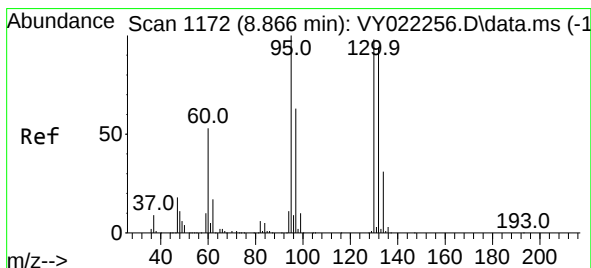
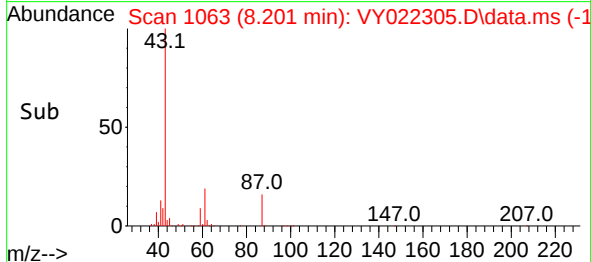
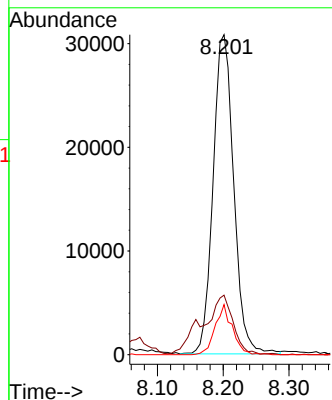
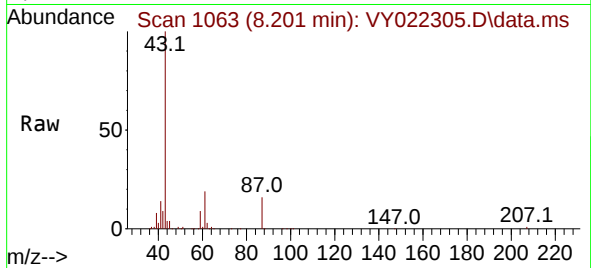




#43
Isopropyl Acetate
Concen: 19.272 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

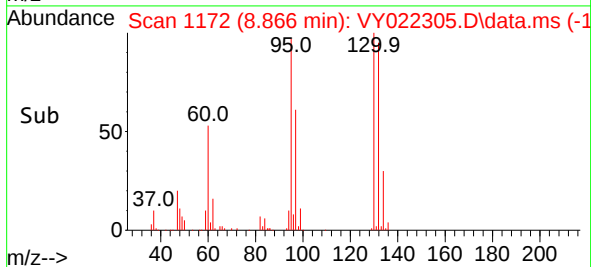
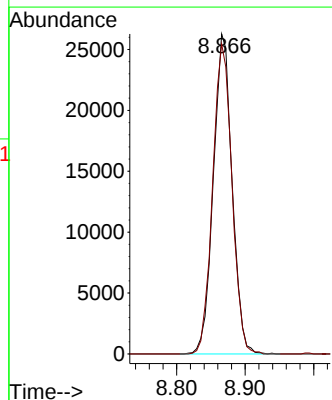
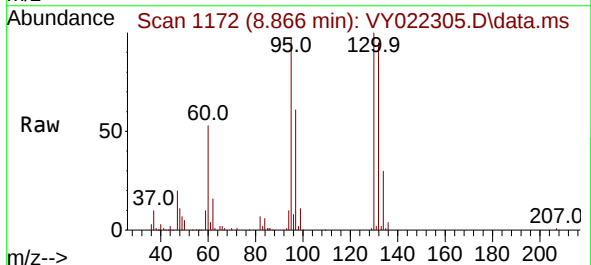
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

Tgt Ion: 43 Resp: 67210
Ion Ratio Lower Upper
43 100
61 18.8 15.1 22.7
87 13.2 9.7 14.5



#44
Trichloroethene
Concen: 20.408 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion:130 Resp: 49995
Ion Ratio Lower Upper
130 100
95 96.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.831 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

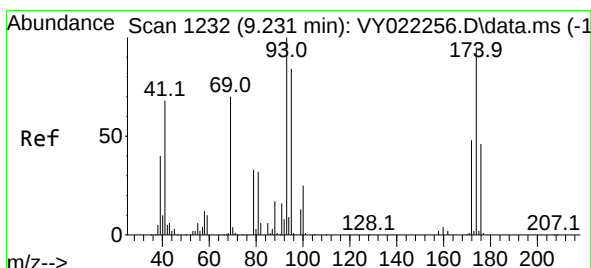
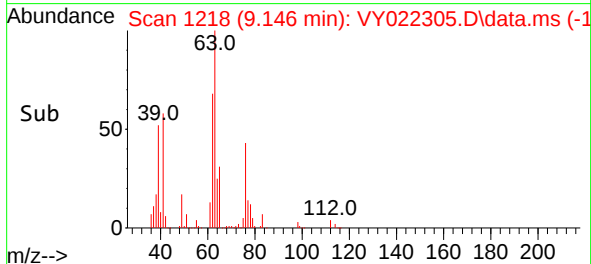
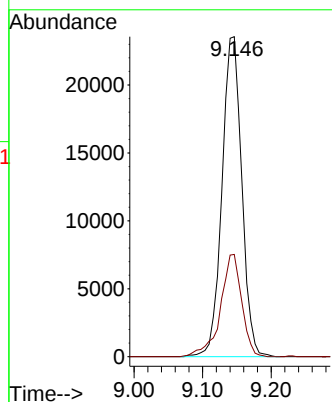
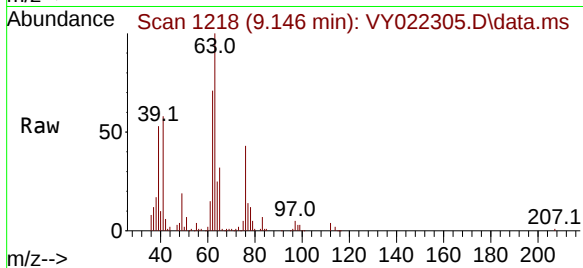
VY0519SBS01

Tgt Ion: 63 Resp: 47105

Ion Ratio Lower Upper

63 100

65 32.0 25.7 38.5



#46

Dibromomethane

Concen: 20.339 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

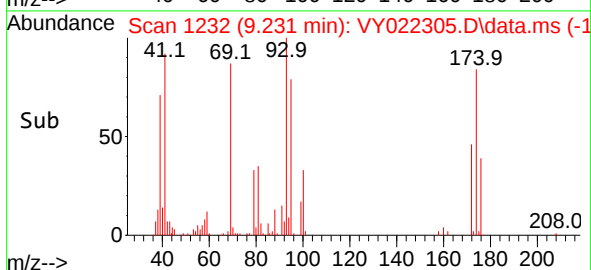
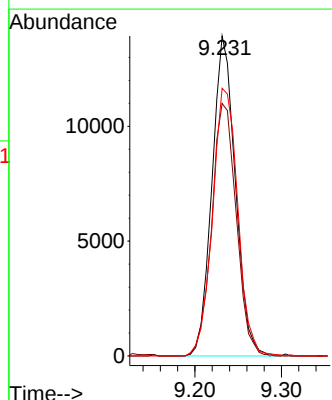
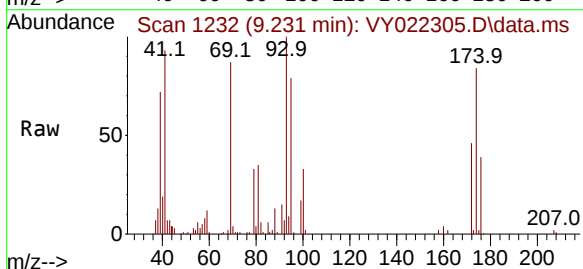
Tgt Ion: 93 Resp: 26057

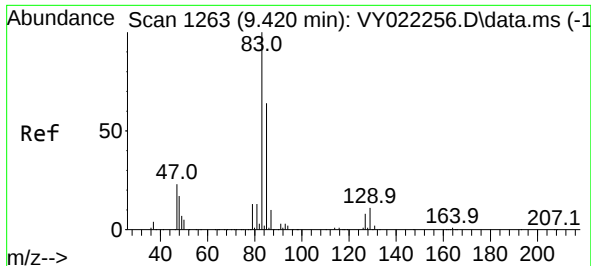
Ion Ratio Lower Upper

93 100

95 83.1 65.2 97.8

174 90.4 74.3 111.5

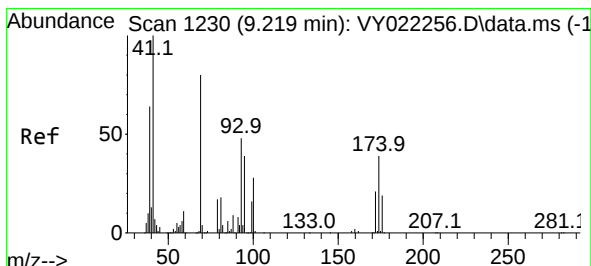
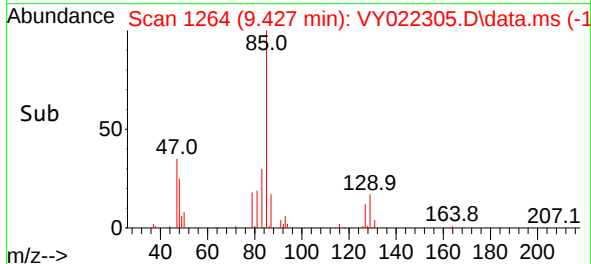
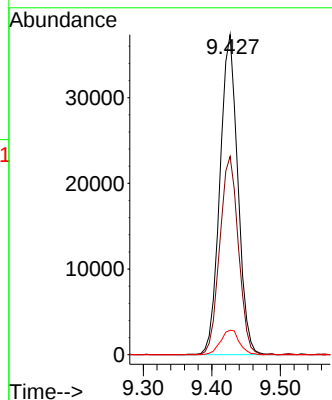
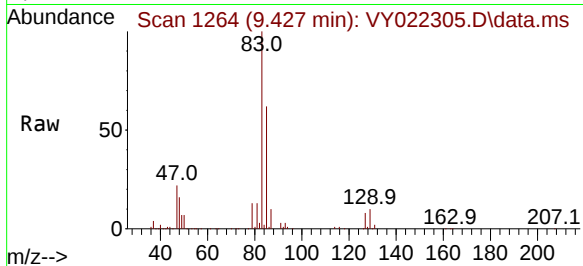




#47
Bromodichloromethane
Concen: 20.302 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

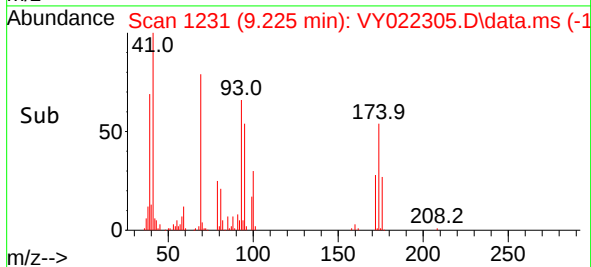
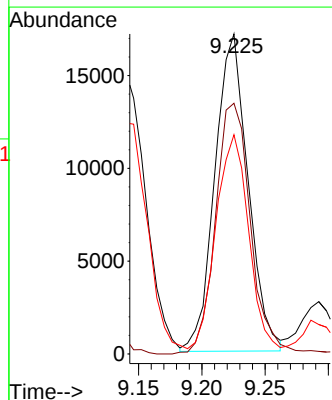
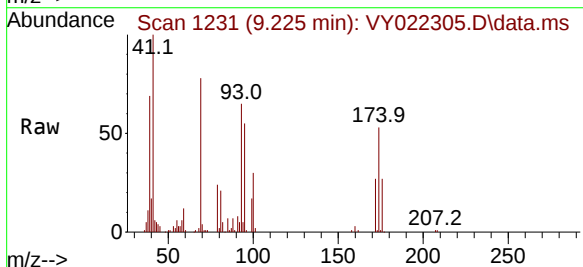
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

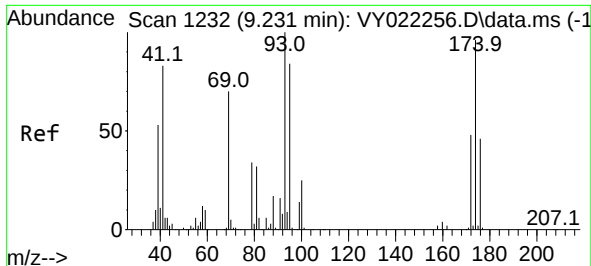
Tgt Ion: 83 Resp: 67475
Ion Ratio Lower Upper
83 100
85 61.9 51.1 76.7
127 7.6 6.6 10.0



#48
Methyl methacrylate
Concen: 19.112 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 41 Resp: 31170
Ion Ratio Lower Upper
41 100
69 83.7 63.5 95.3
39 66.1 50.8 76.2

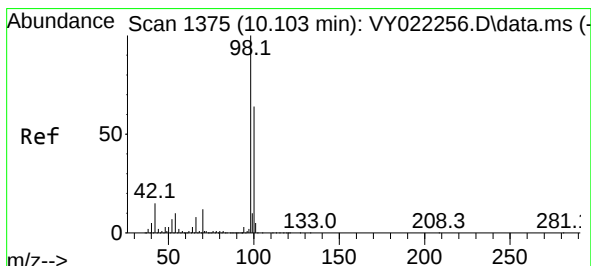
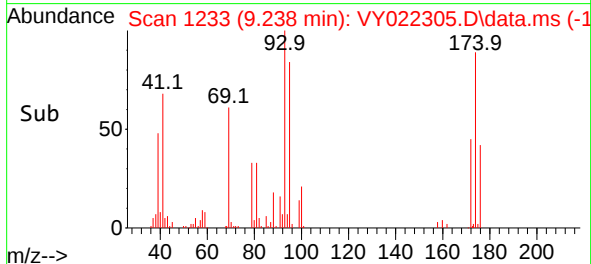
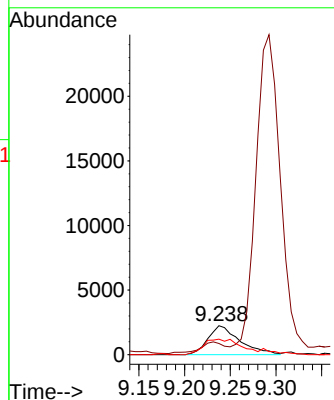
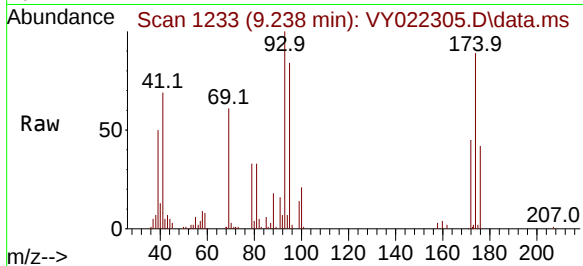




#49
1,4-Dioxane
Concen: 376.764 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

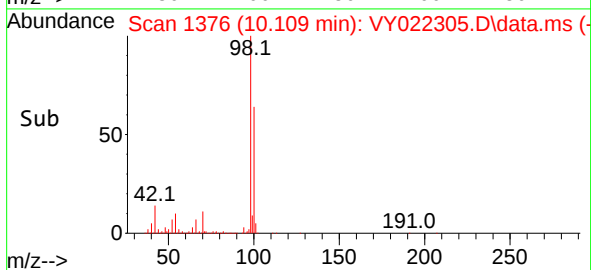
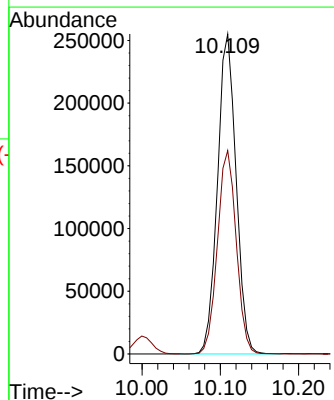
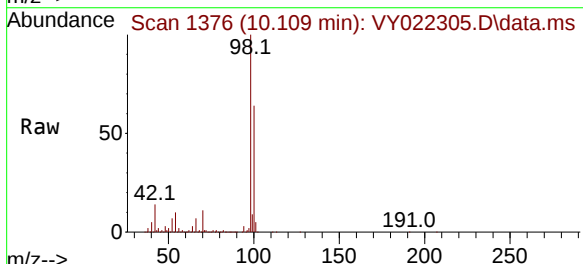
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

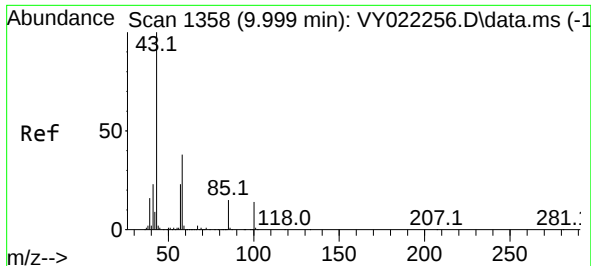
Tgt Ion: 88 Resp: 5453
Ion Ratio Lower Upper
88 100
43 31.9 28.5 42.7
58 62.2 61.4 92.2



#50
Toluene-d8
Concen: 51.074 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 98 Resp: 422064
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 95.823 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

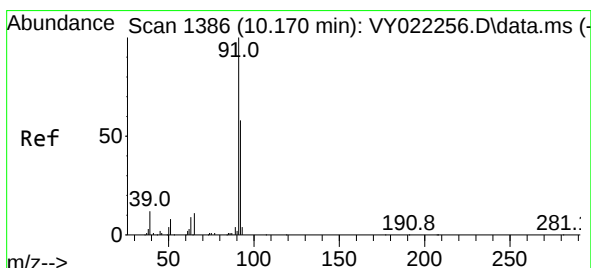
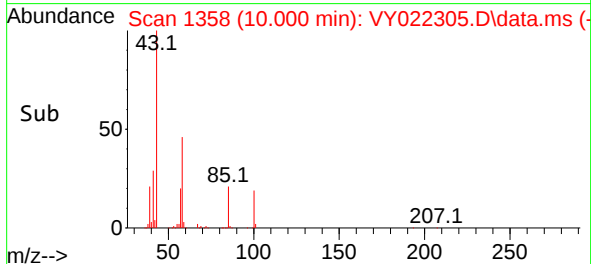
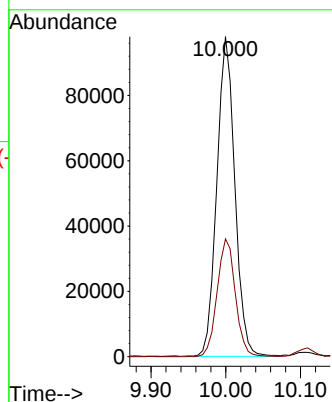
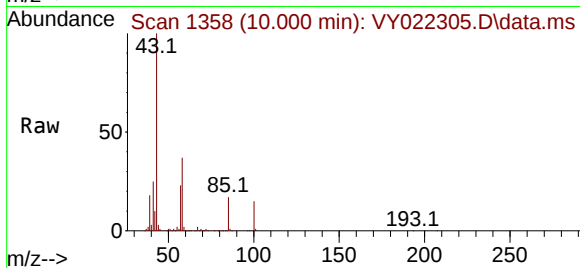
VY0519SBS01

Tgt Ion: 43 Resp: 163969

Ion Ratio Lower Upper

43 100

58 37.3 29.4 44.2



#52

Toluene

Concen: 19.923 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY022305.D

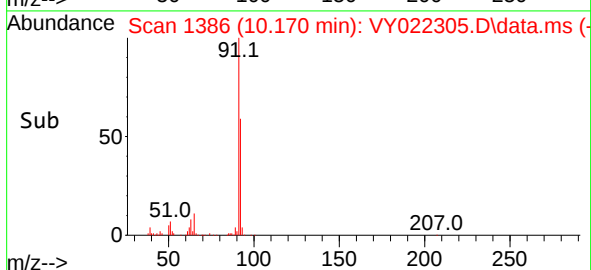
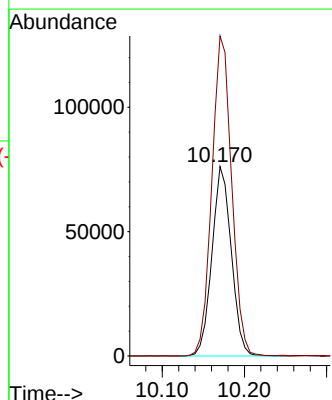
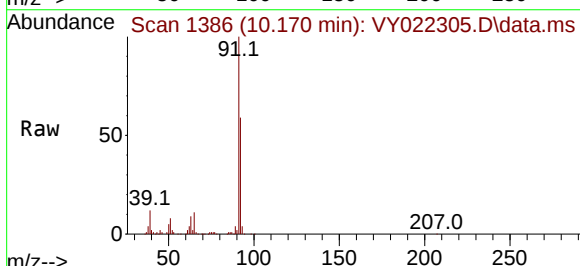
Acq: 19 May 2025 09:36

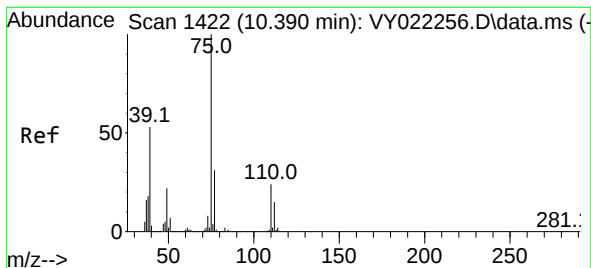
Tgt Ion: 92 Resp: 124296

Ion Ratio Lower Upper

92 100

91 173.2 139.1 208.7

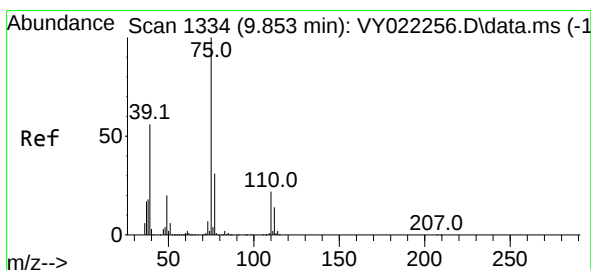
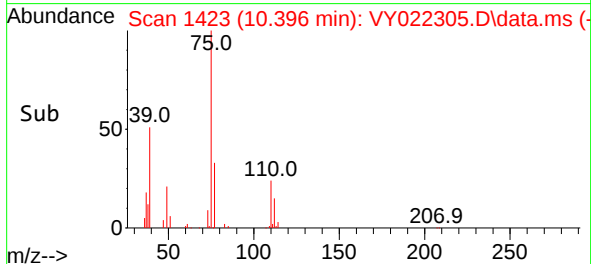
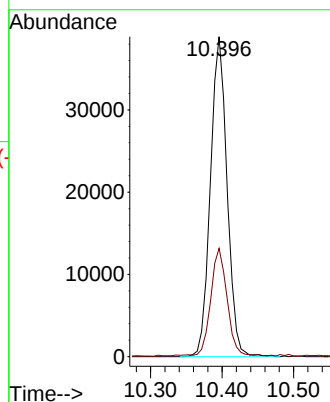
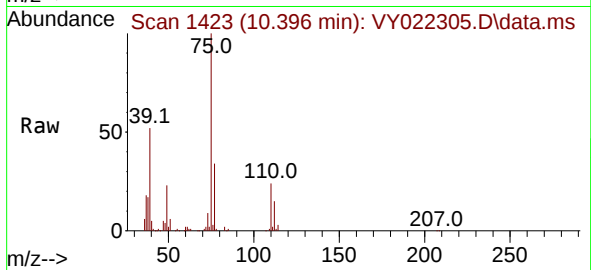




#53
t-1,3-Dichloropropene
Concen: 19.409 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

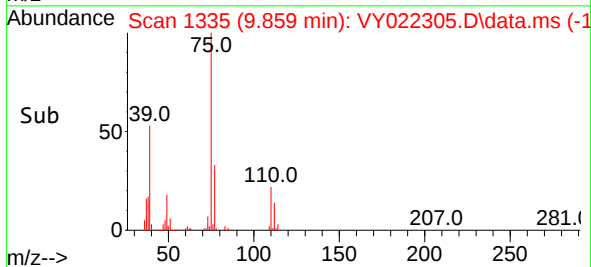
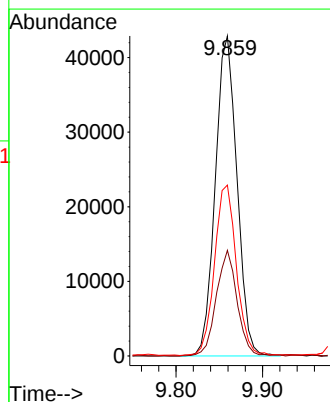
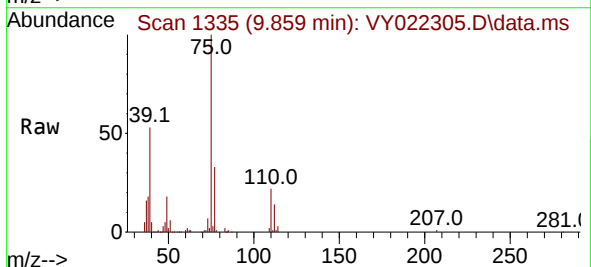
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

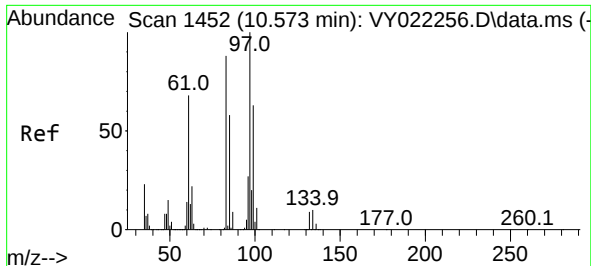
Tgt Ion: 75 Resp: 62956
Ion Ratio Lower Upper
75 100
77 33.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 20.054 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 75 Resp: 74524
Ion Ratio Lower Upper
75 100
77 33.0 25.1 37.7
39 53.3 44.5 66.7

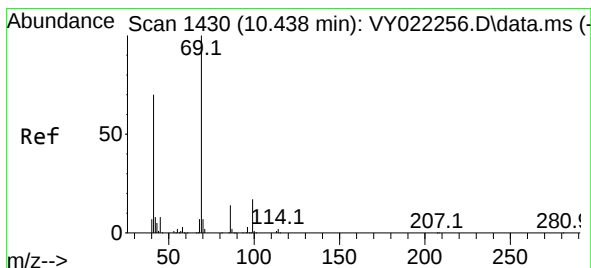
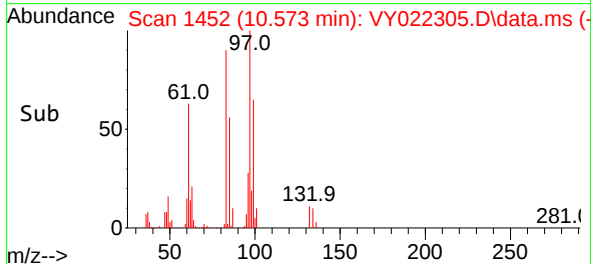
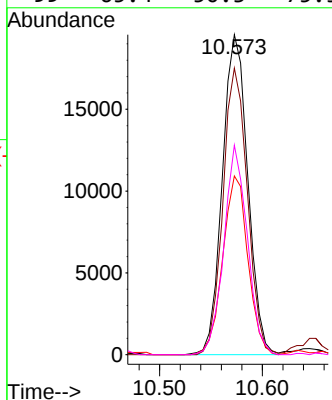
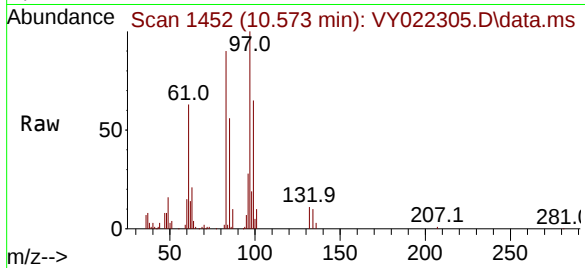




#55
 1,1,2-Trichloroethane
 Concen: 20.459 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY022305.D
 Acq: 19 May 2025 09:36

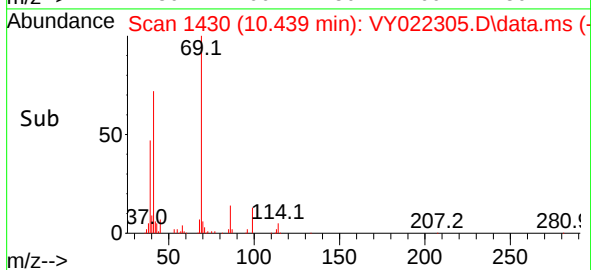
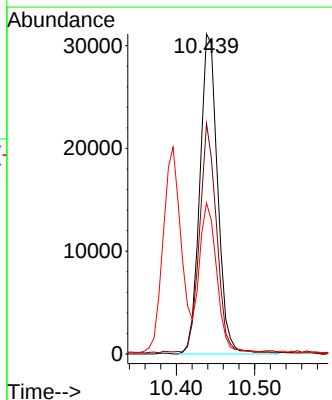
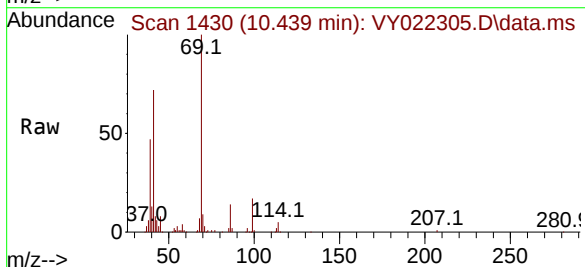
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

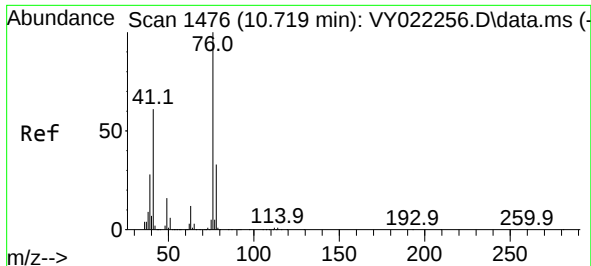
Tgt Ion:	97	Resp:	33564
Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.3	105.5
85	55.9	46.2	69.4
99	65.4	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 19.246 ug/l
 RT: 10.439 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY022305.D
 Acq: 19 May 2025 09:36

Tgt Ion:	69	Resp:	49183
Ion	Ratio	Lower	Upper
69	100		
41	66.9	56.5	84.7
39	45.1	37.1	55.7





#57

1,3-Dichloropropane

Concen: 20.214 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

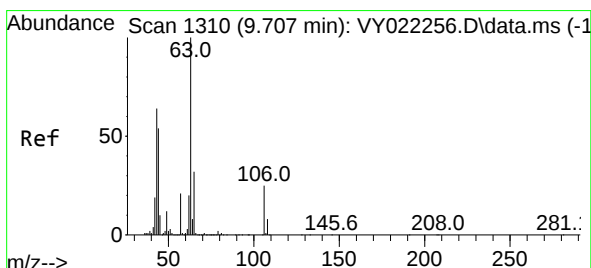
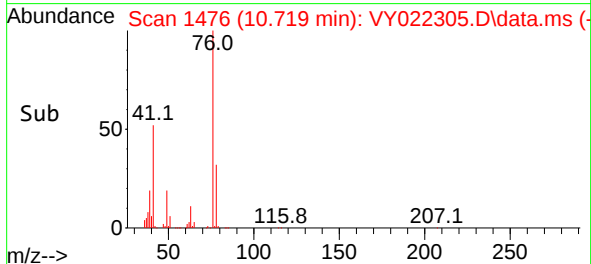
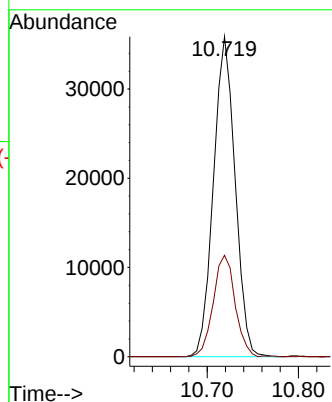
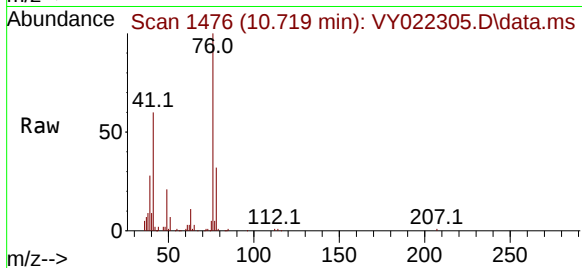
VY0519SBS01

Tgt Ion: 76 Resp: 58922

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 87.625 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022305.D

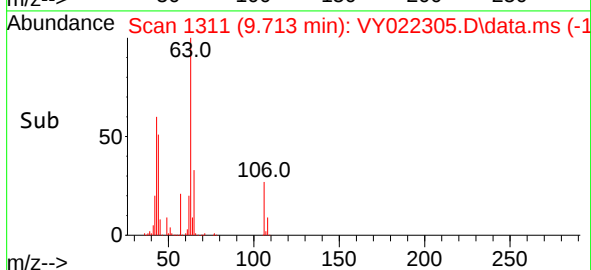
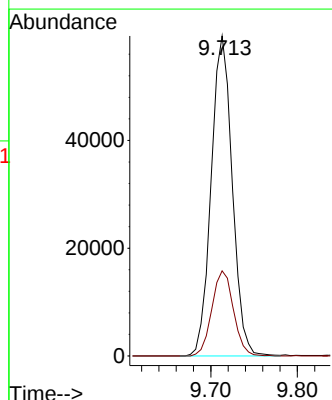
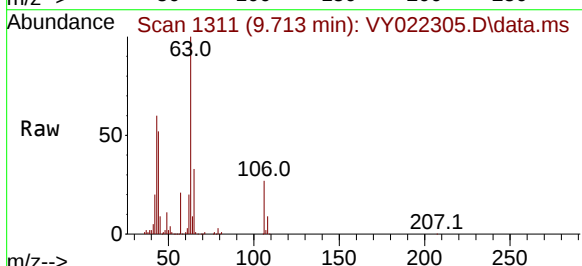
Acq: 19 May 2025 09:36

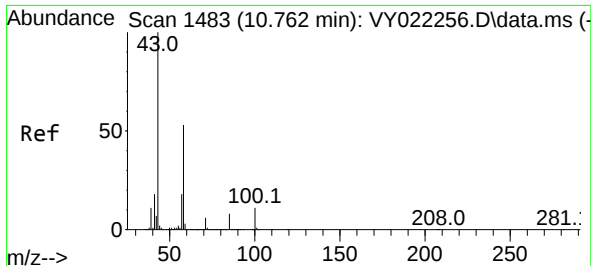
Tgt Ion: 63 Resp: 100509

Ion Ratio Lower Upper

63 100

106 27.2 21.0 31.4

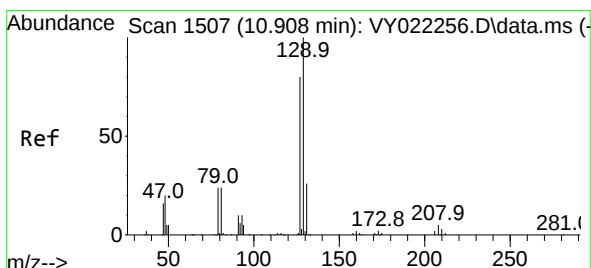
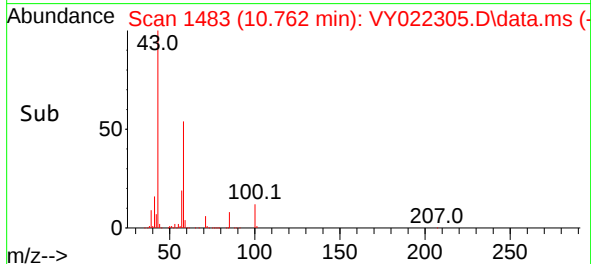
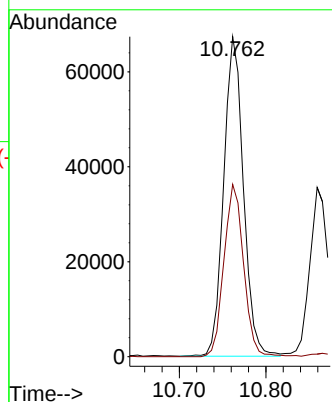
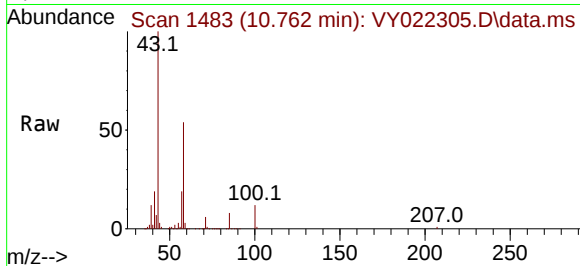




#59
2-Hexanone
Concen: 92.558 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

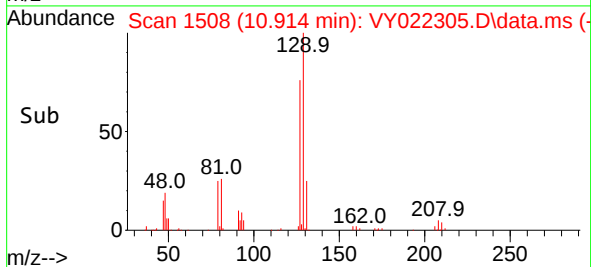
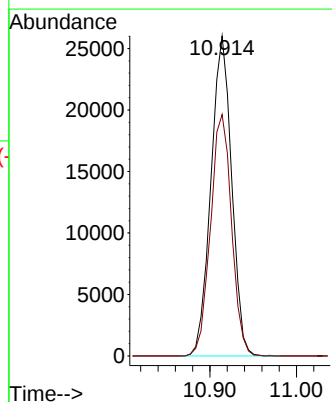
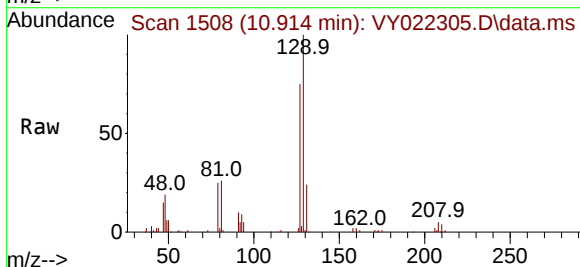
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

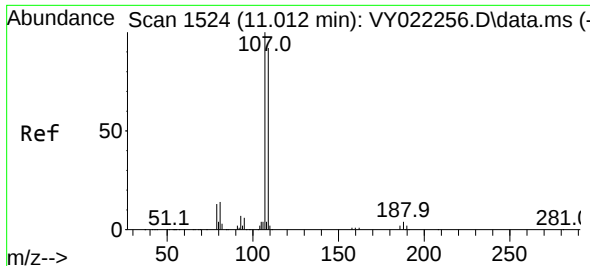
Tgt Ion: 43 Resp: 106193
Ion Ratio Lower Upper
43 100
58 54.0 26.1 78.3



#60
Dibromochloromethane
Concen: 20.275 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 129 Resp: 43173
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.7

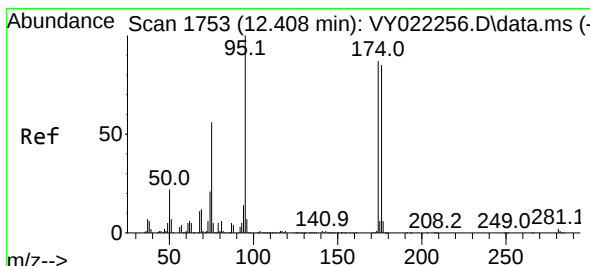
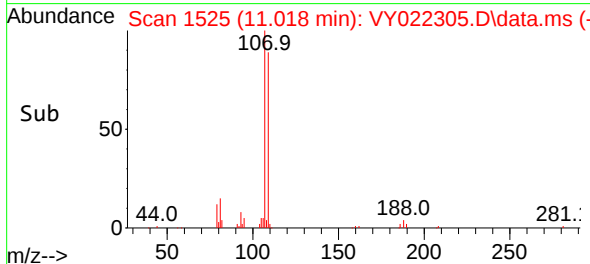
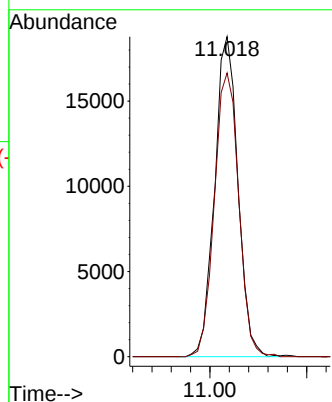
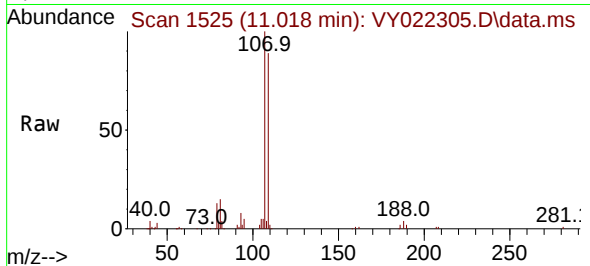




#61
1,2-Dibromoethane
Concen: 20.533 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

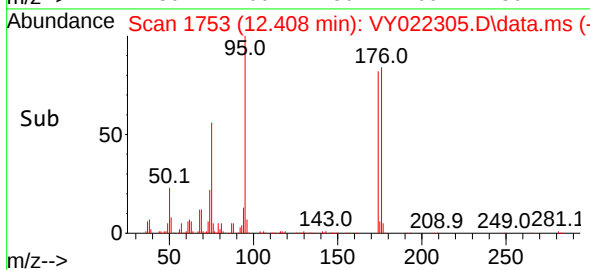
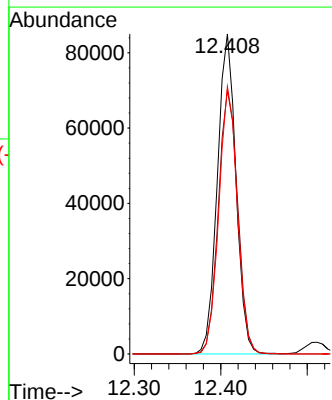
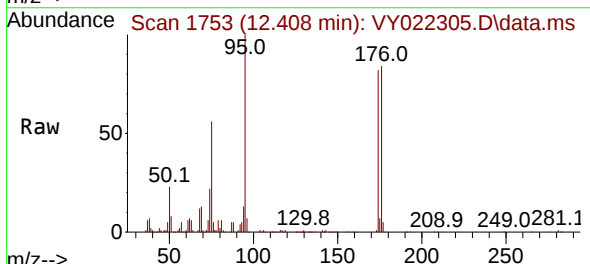
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

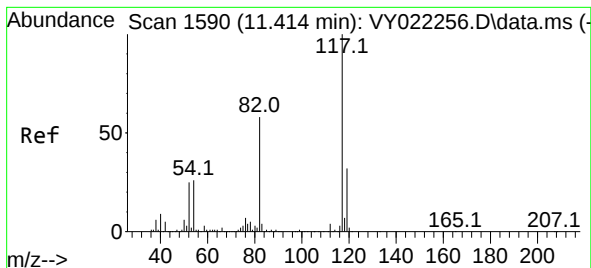
Tgt Ion:107 Resp: 31396
Ion Ratio Lower Upper
107 100
109 92.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 48.449 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 95 Resp: 126905
Ion Ratio Lower Upper
95 100
174 85.9 0.0 166.8
176 83.2 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

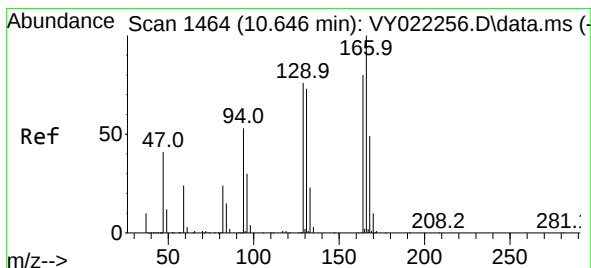
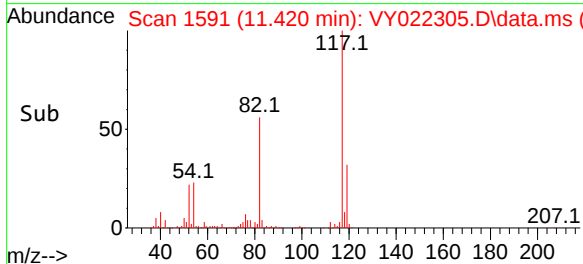
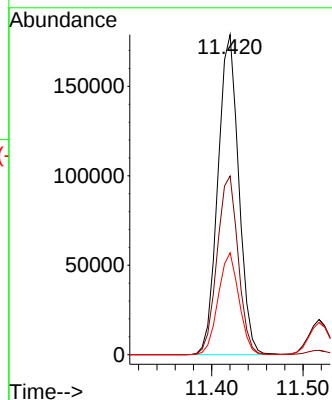
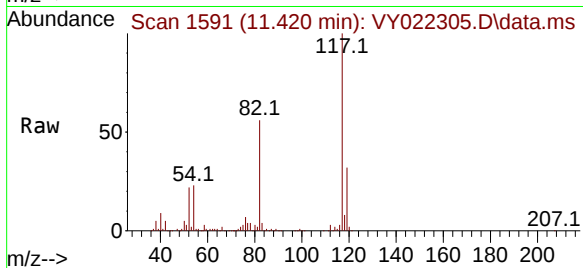
Tgt Ion:117 Resp: 283142

Ion Ratio Lower Upper

117 100

82 55.9 46.6 70.0

119 31.8 25.8 38.6



#64

Tetrachloroethene

Concen: 20.405 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Tgt Ion:164 Resp: 53401

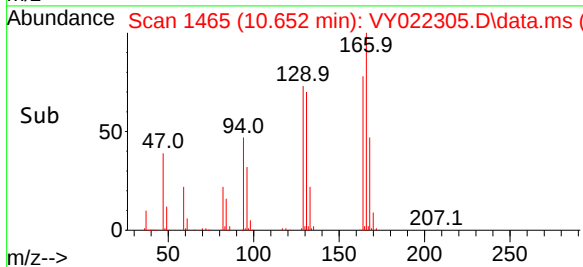
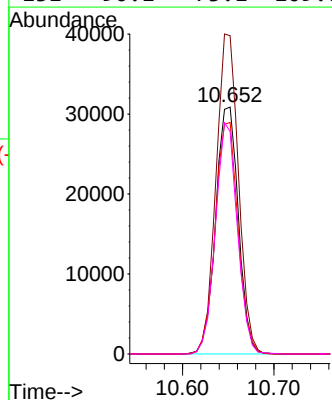
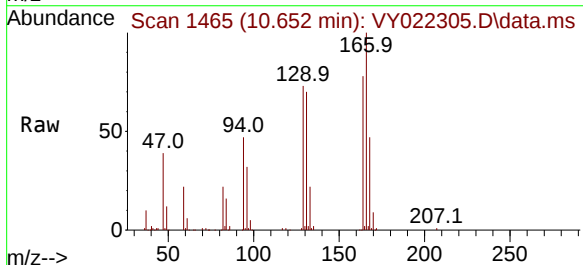
Ion Ratio Lower Upper

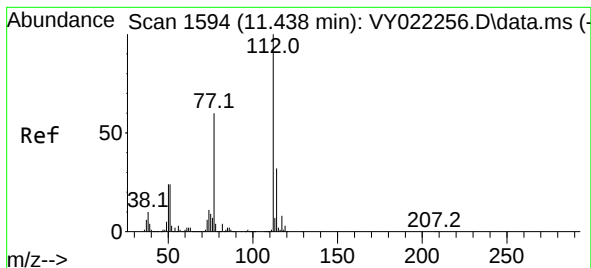
164 100

166 128.9 100.4 150.6

129 93.8 76.4 114.6

131 90.1 73.1 109.7





#65

Chlorobenzene

Concen: 20.313 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

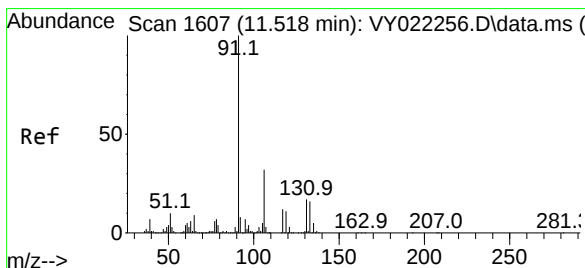
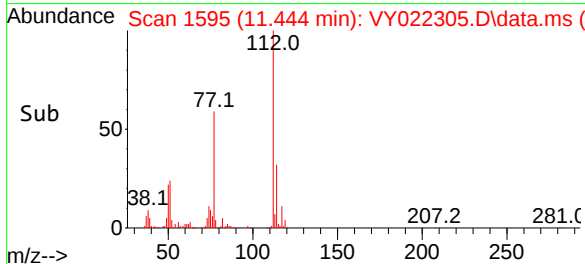
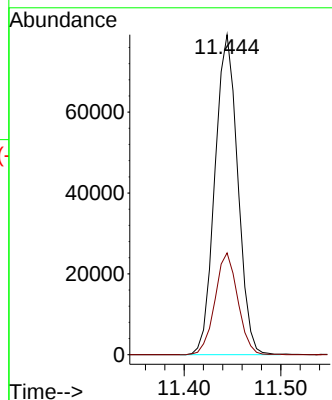
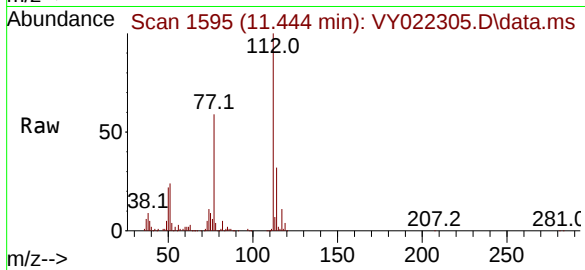
VY0519SBS01

Tgt Ion:112 Resp: 129758

Ion Ratio Lower Upper

112 100

114 31.8 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.614 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

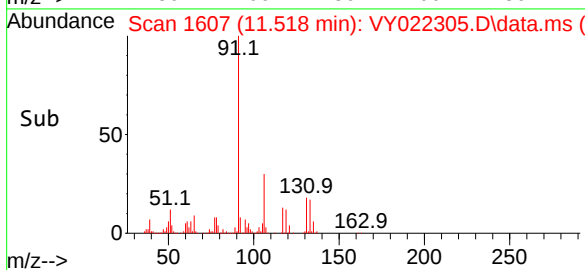
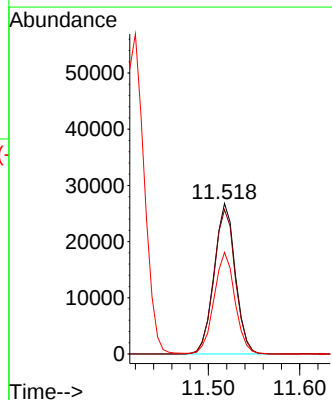
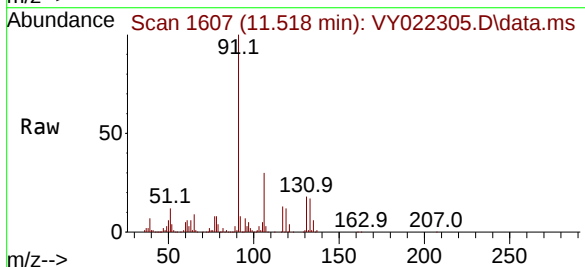
Tgt Ion:131 Resp: 43074

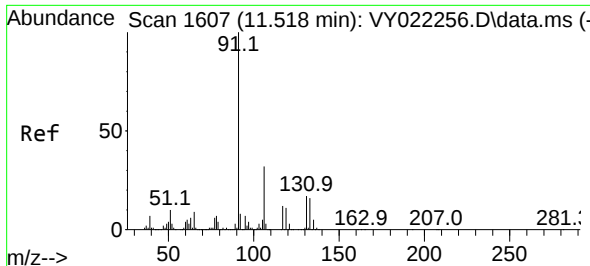
Ion Ratio Lower Upper

131 100

133 97.0 47.3 141.9

119 66.7 33.1 99.2





#67

Ethyl Benzene

Concen: 19.830 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

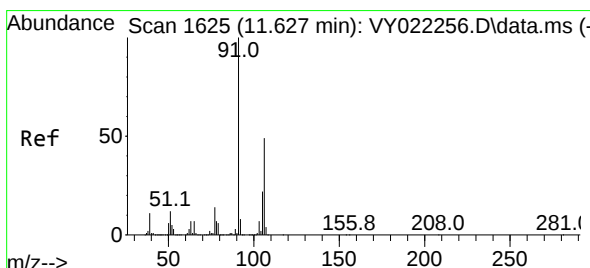
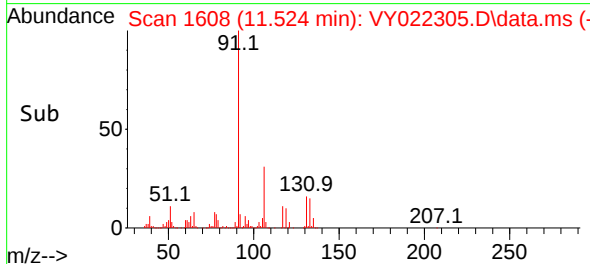
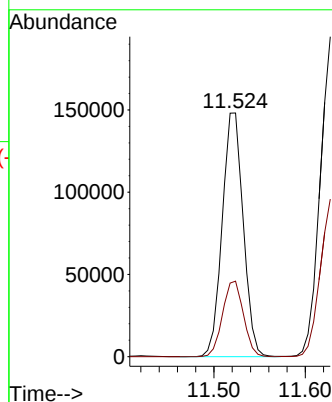
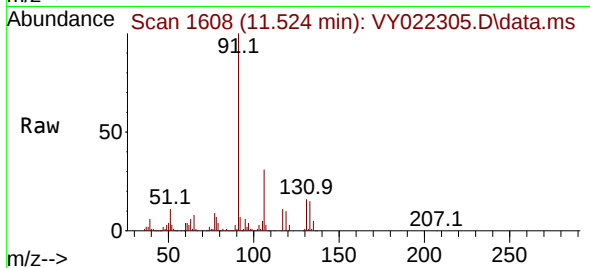
VY0519SBS01

Tgt Ion: 91 Resp: 237230

Ion Ratio Lower Upper

91 100

106 31.0 25.4 38.0



#68

m/p-Xylenes

Concen: 39.960 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022305.D

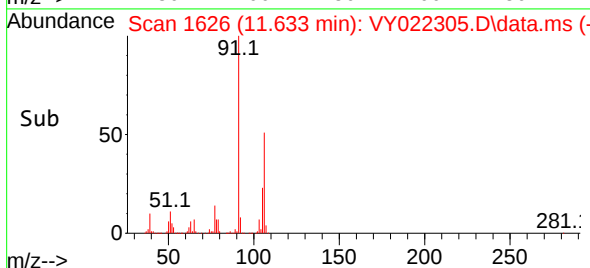
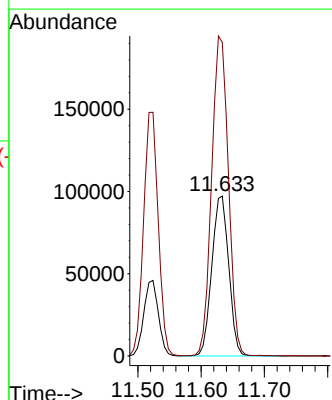
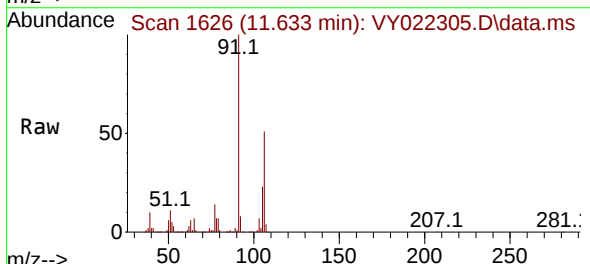
Acq: 19 May 2025 09:36

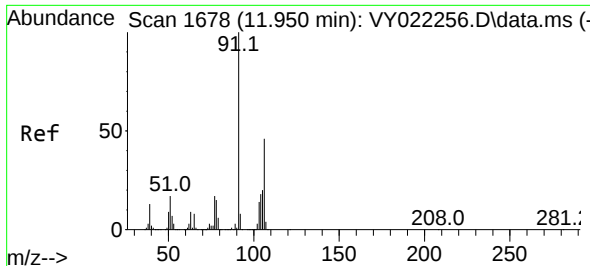
Tgt Ion: 106 Resp: 180140

Ion Ratio Lower Upper

106 100

91 198.1 163.0 244.4

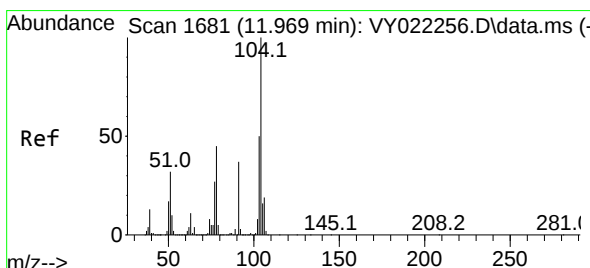
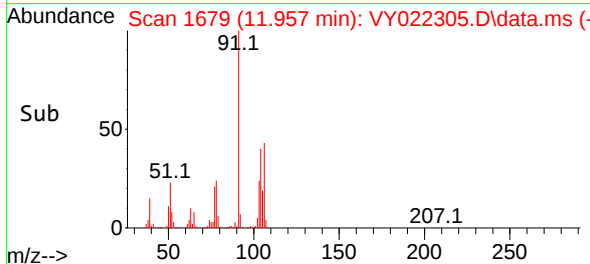
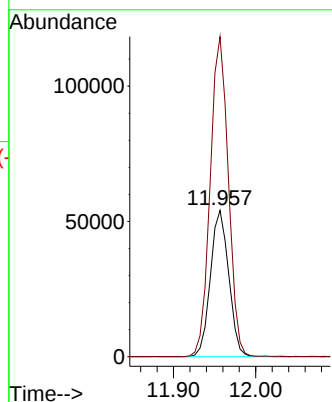
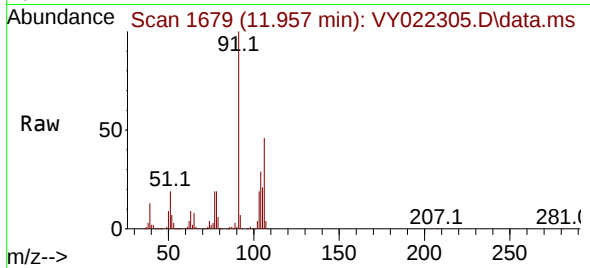




#69
o-Xylene
Concen: 19.581 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

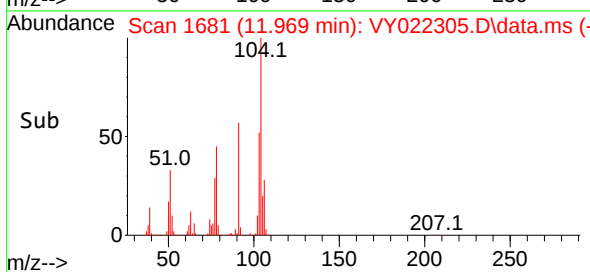
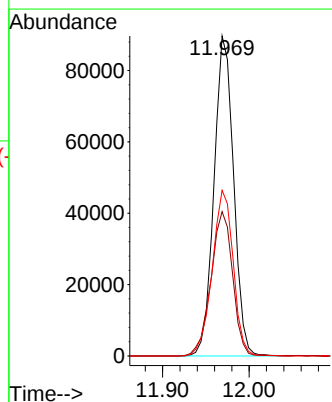
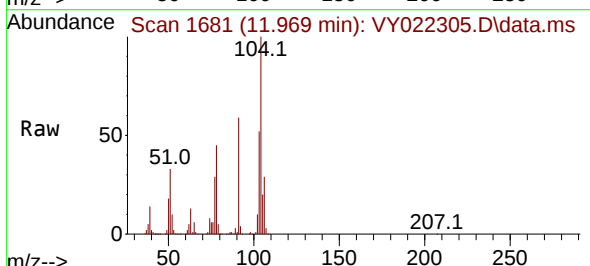
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

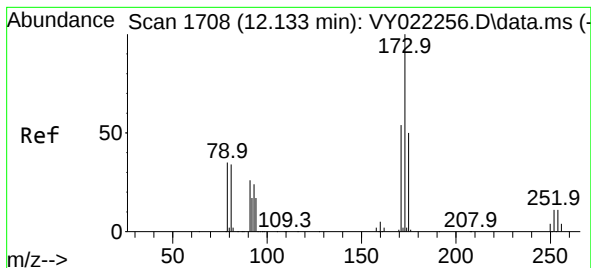
Tgt Ion:106 Resp: 83514
Ion Ratio Lower Upper
106 100
91 217.3 108.3 324.8



#70
Styrene
Concen: 19.587 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion:104 Resp: 140922
Ion Ratio Lower Upper
104 100
78 49.9 40.9 61.3
103 55.5 43.7 65.5





#71

Bromoform

Concen: 19.680 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

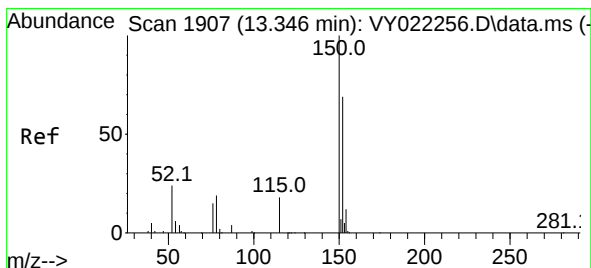
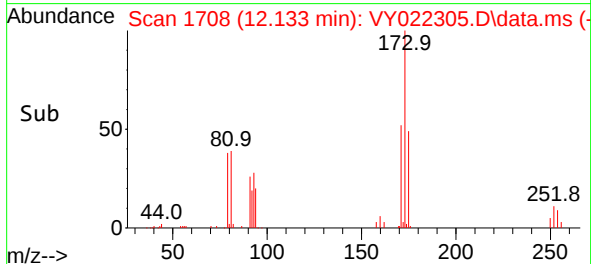
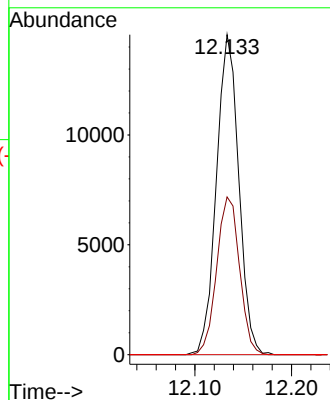
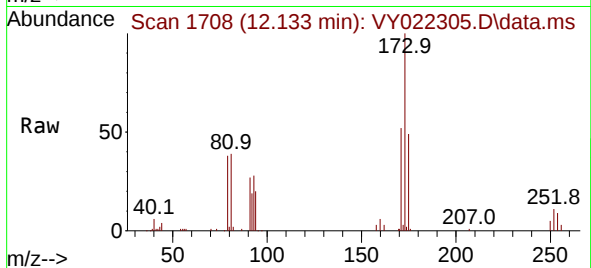
Tgt Ion:173 Resp: 23328

Ion Ratio Lower Upper

173 100

175 50.4 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

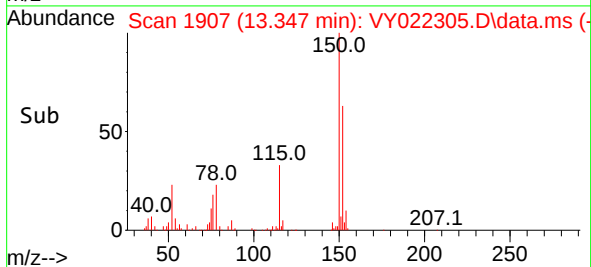
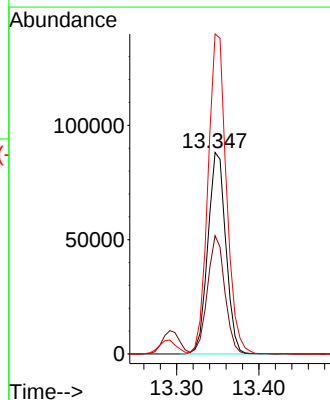
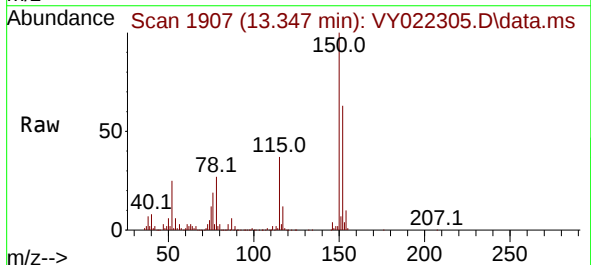
Tgt Ion:152 Resp: 133674

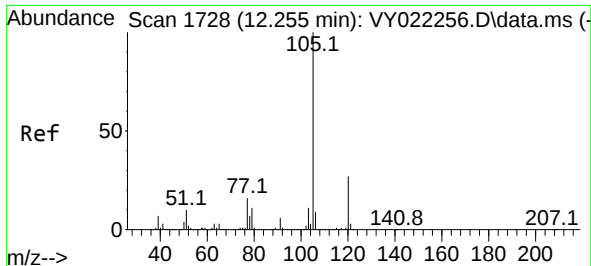
Ion Ratio Lower Upper

152 100

115 56.7 29.4 88.2

150 162.7 0.0 353.8

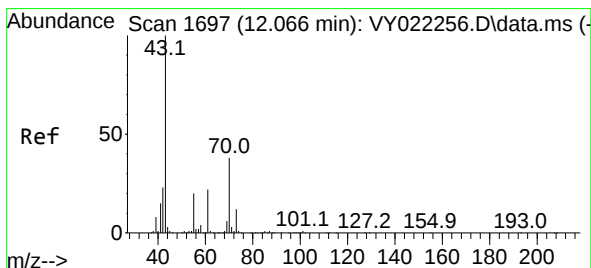
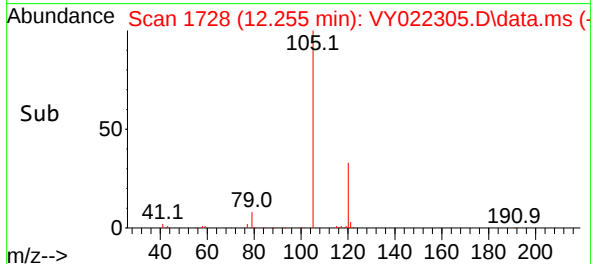
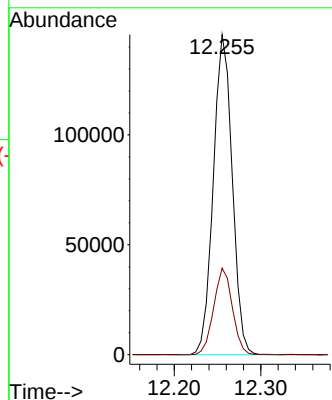
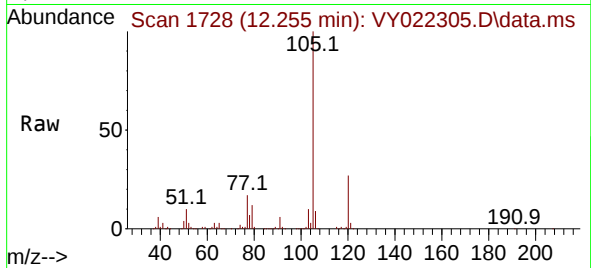




#73
Isopropylbenzene
Concen: 19.935 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

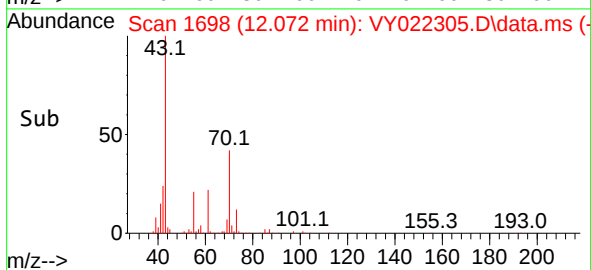
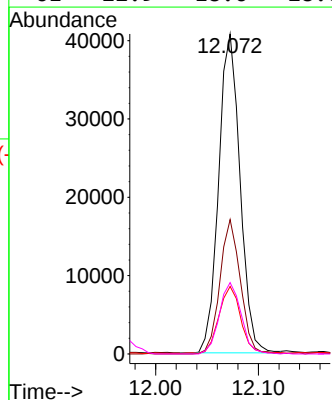
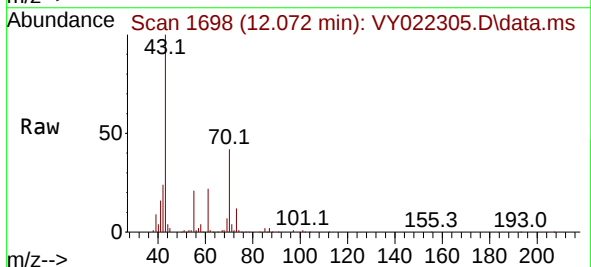
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

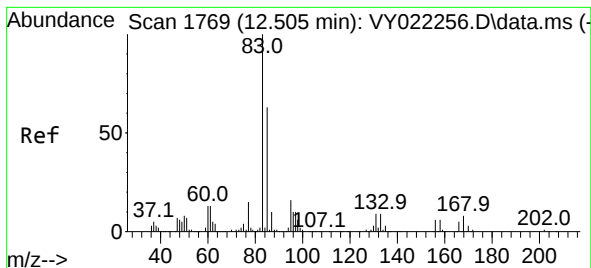
Tgt Ion:105 Resp: 220761
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 18.555 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 43 Resp: 58768
Ion Ratio Lower Upper
43 100
70 40.4 31.4 47.0
55 21.2 17.0 25.6
61 22.9 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.387 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

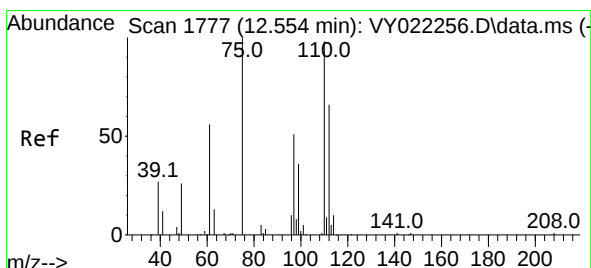
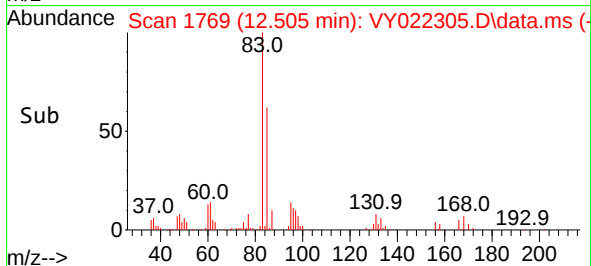
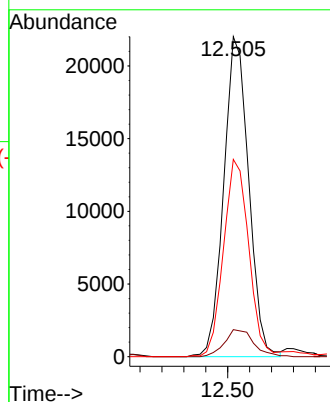
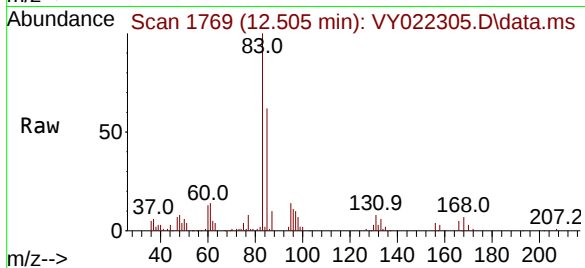
Tgt Ion: 83 Resp: 34721

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

85 62.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 17.290 ug/l m

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY022305.D

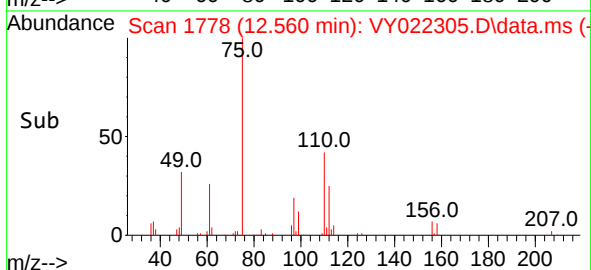
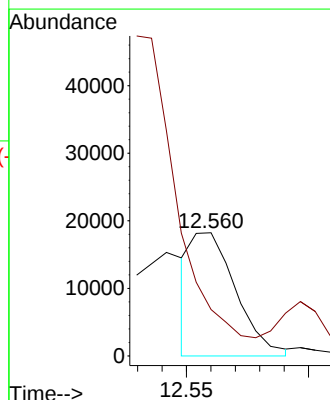
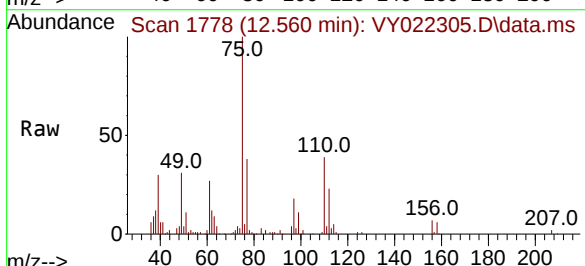
Acq: 19 May 2025 09:36

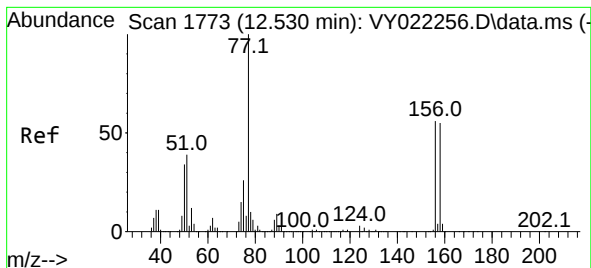
Tgt Ion: 75 Resp: 23415

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.569 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

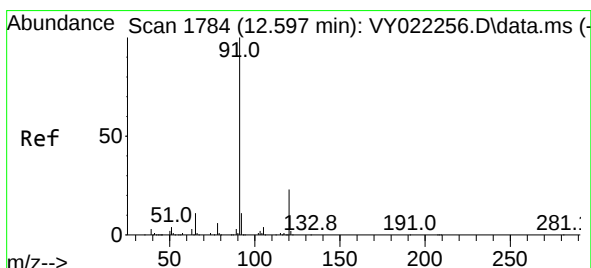
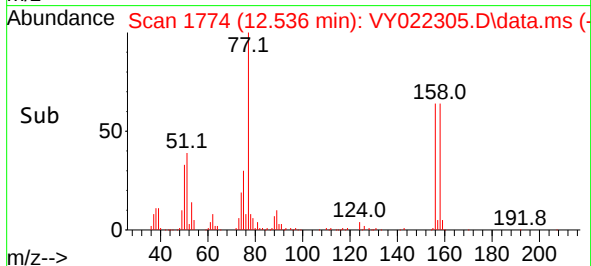
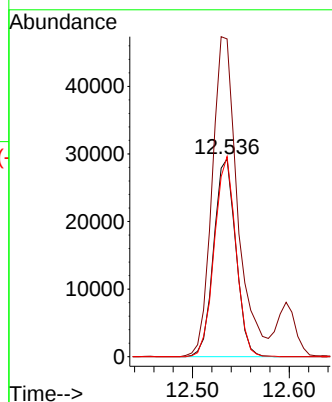
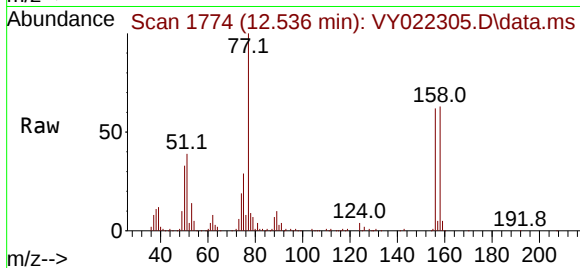
Tgt Ion:156 Resp: 46286

Ion Ratio Lower Upper

156 100

77 187.3 94.5 283.6

158 98.8 48.4 145.3



#78

n-propylbenzene

Concen: 20.084 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022305.D

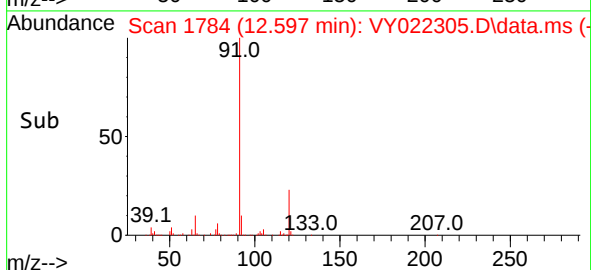
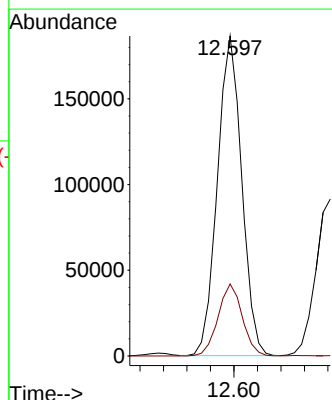
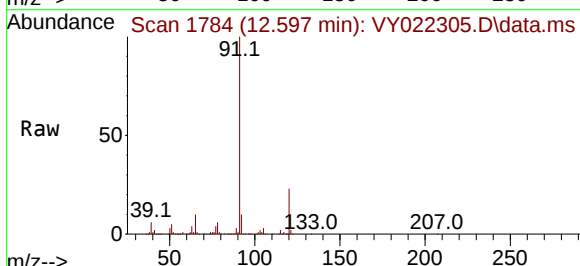
Acq: 19 May 2025 09:36

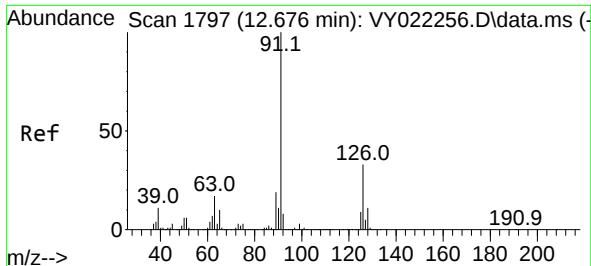
Tgt Ion: 91 Resp: 268280

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.3





#79

2-Chlorotoluene

Concen: 19.573 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

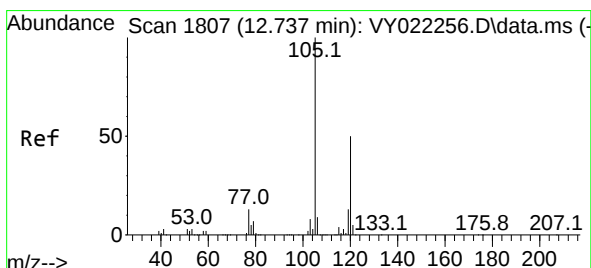
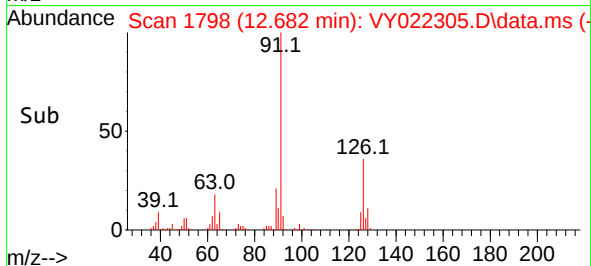
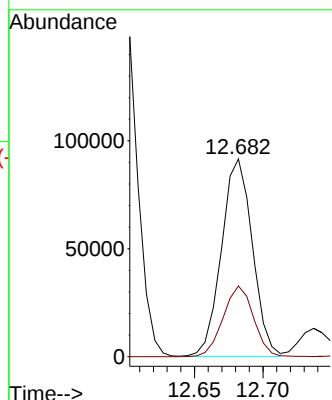
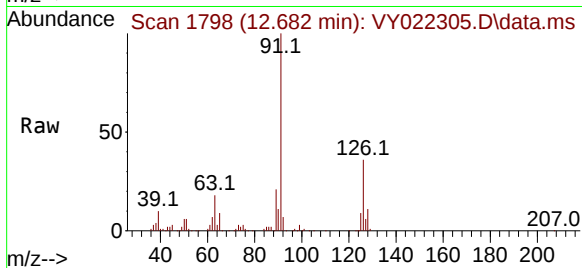
VY0519SBS01

Tgt Ion: 91 Resp: 143678

Ion Ratio Lower Upper

91 100

126 35.3 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 19.557 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022305.D

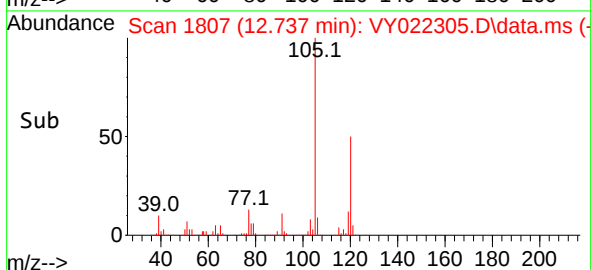
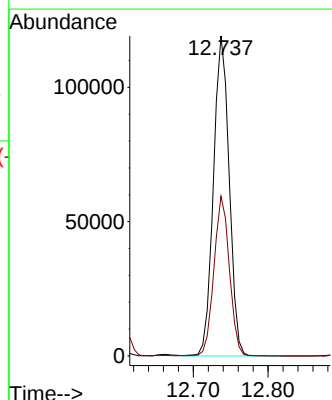
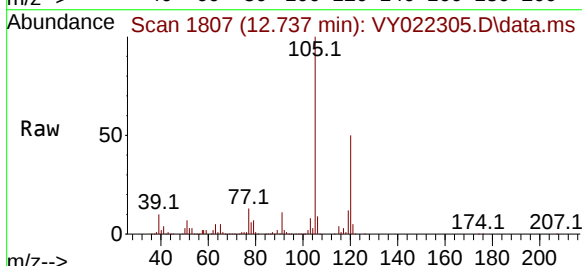
Acq: 19 May 2025 09:36

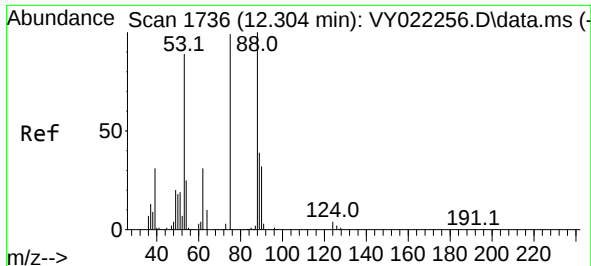
Tgt Ion:105 Resp: 174835

Ion Ratio Lower Upper

105 100

120 49.0 24.2 72.6

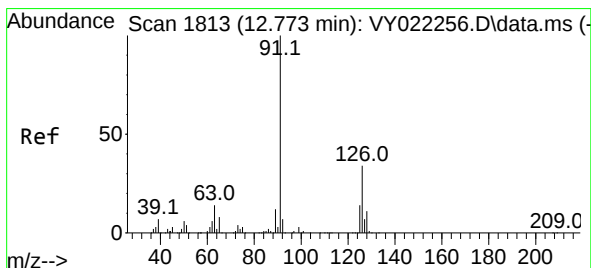
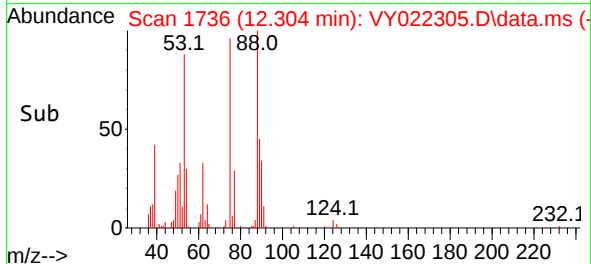
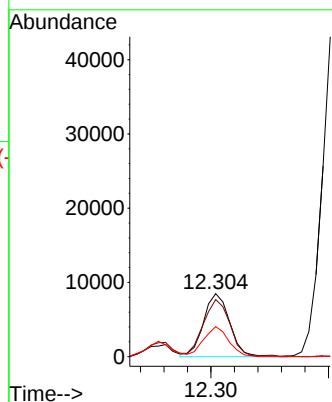
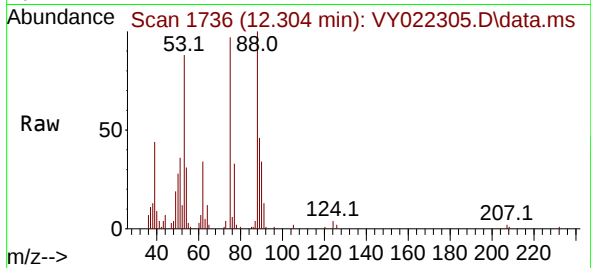




#81
trans-1,4-Dichloro-2-butene
Concen: 19.582 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

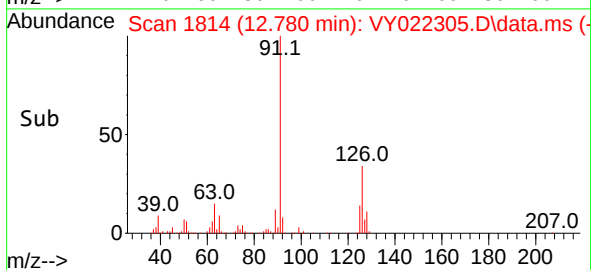
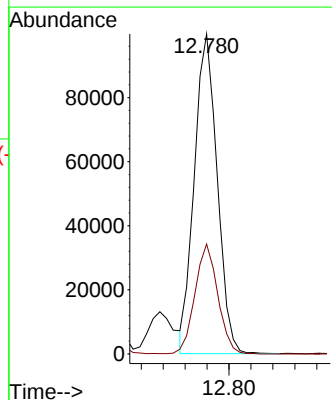
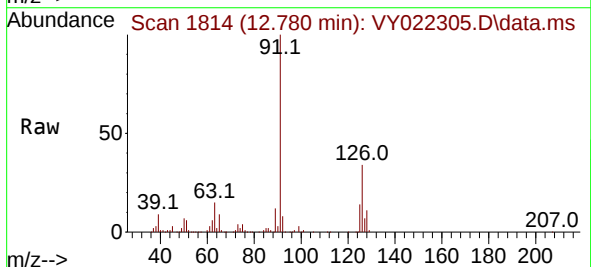
Instrument :
MSVOA_Y
ClientSampleId :
VY0519SBS01

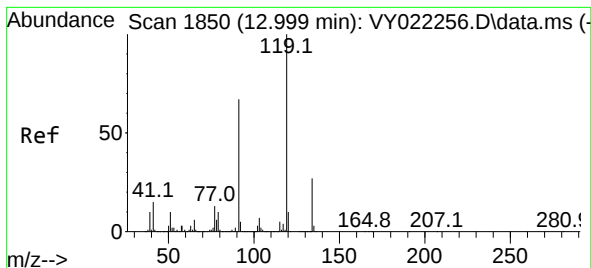
Tgt Ion: 75 Resp: 13091
Ion Ratio Lower Upper
75 100
53 90.4 75.8 113.8
89 45.2 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.124 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022305.D
Acq: 19 May 2025 09:36

Tgt Ion: 91 Resp: 144394
Ion Ratio Lower Upper
91 100
126 34.4 16.8 50.4





#83

tert-Butylbenzene

Concen: 19.820 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

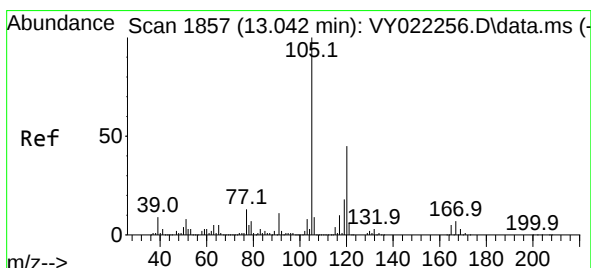
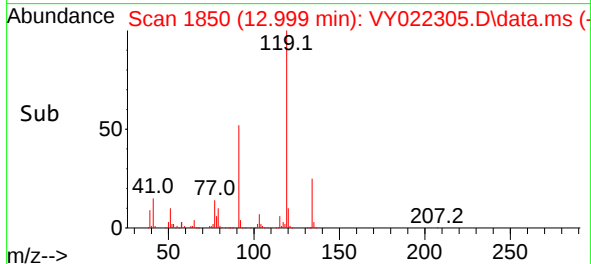
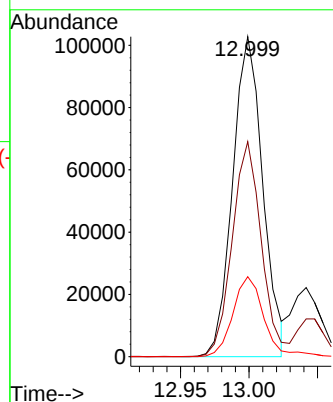
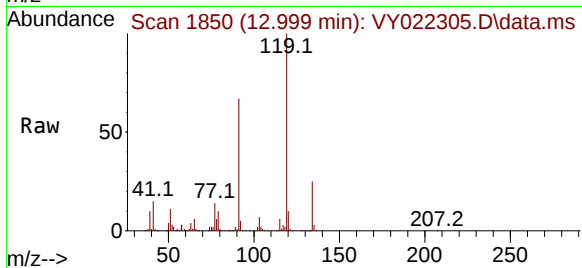
Tgt Ion:119 Resp: 157481

Ion Ratio Lower Upper

119 100

91 65.3 32.8 98.3

134 25.8 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 19.671 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022305.D

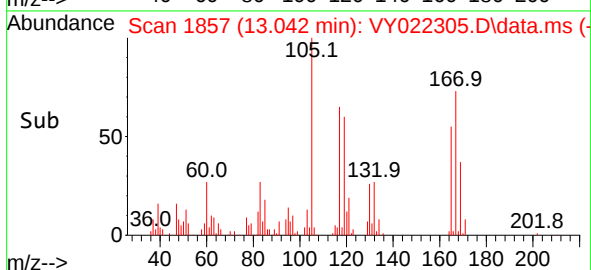
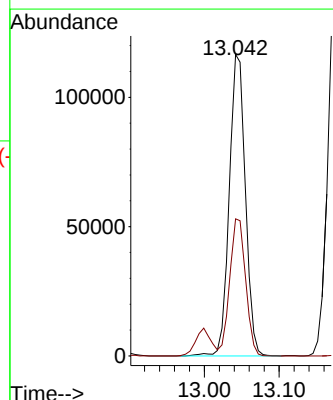
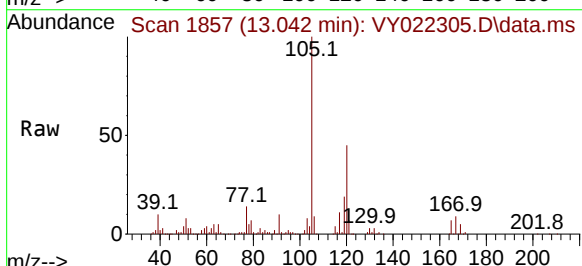
Acq: 19 May 2025 09:36

Tgt Ion:105 Resp: 174561

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.954 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

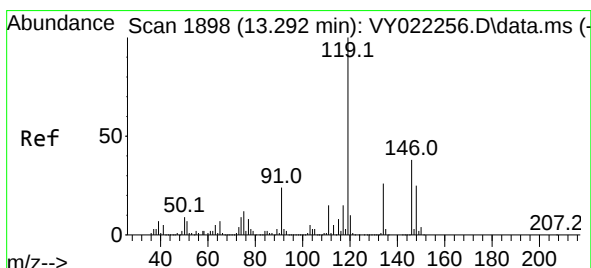
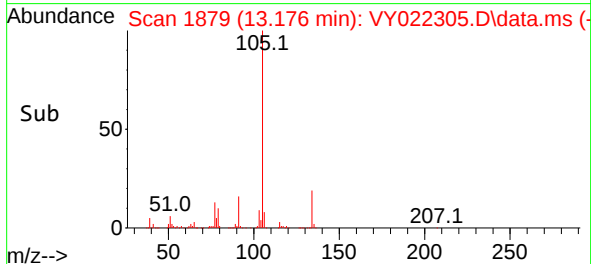
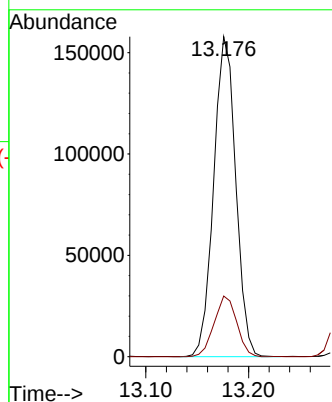
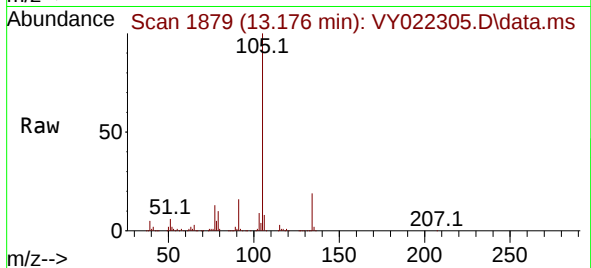
VY0519SBS01

Tgt Ion:105 Resp: 235349

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.286 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

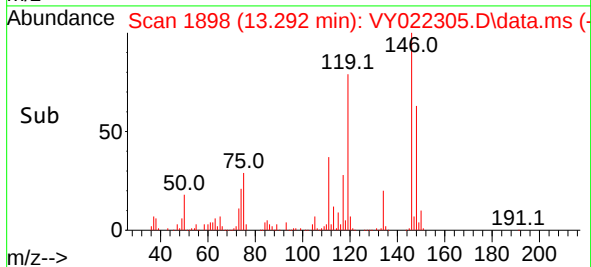
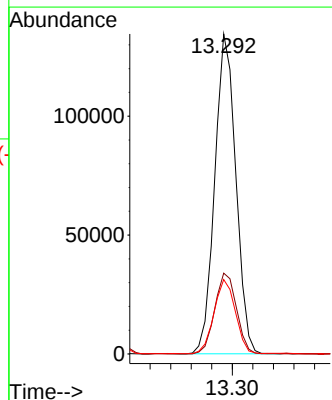
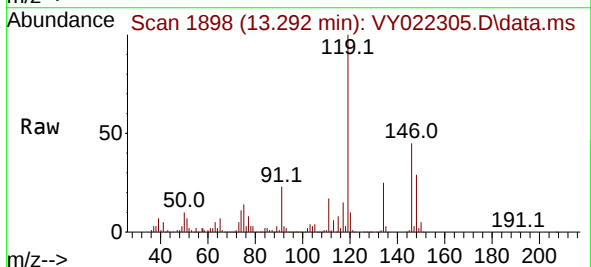
Tgt Ion:119 Resp: 191316

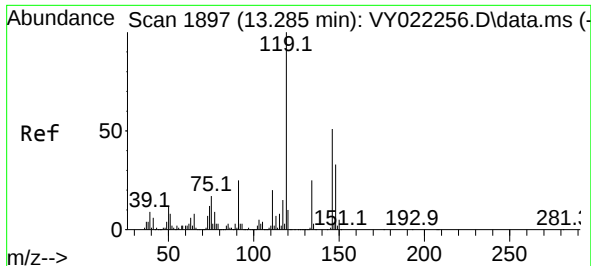
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 23.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.059 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

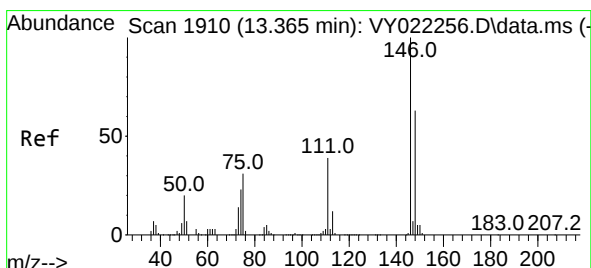
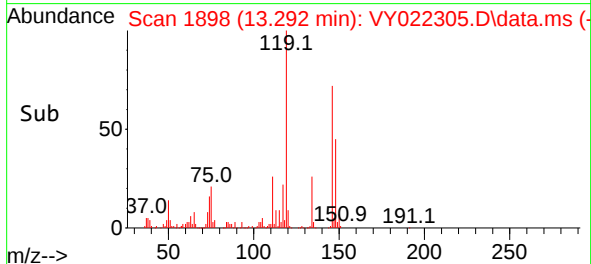
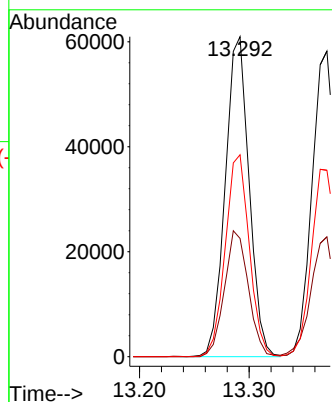
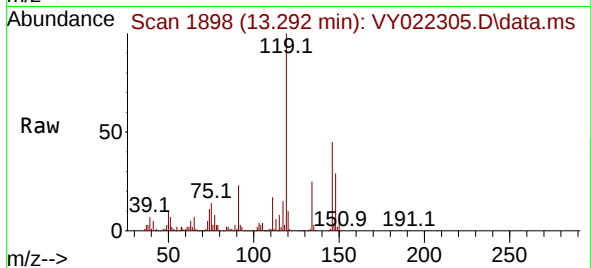
Tgt Ion:146 Resp: 92027

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

148 63.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.645 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

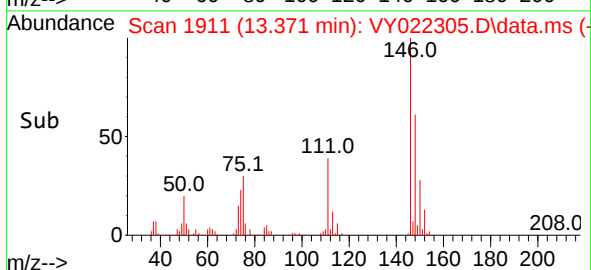
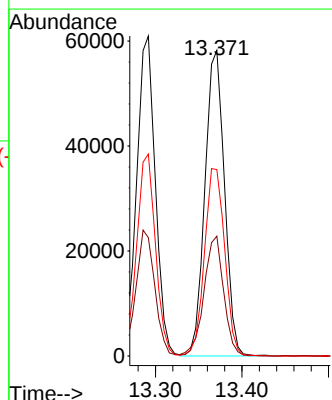
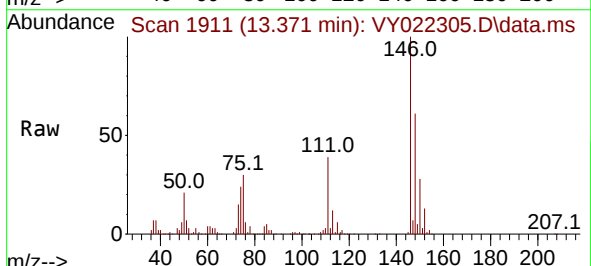
Tgt Ion:146 Resp: 91240

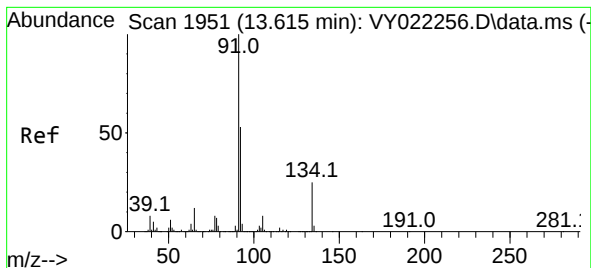
Ion Ratio Lower Upper

146 100

111 39.3 20.0 59.9

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 19.826 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

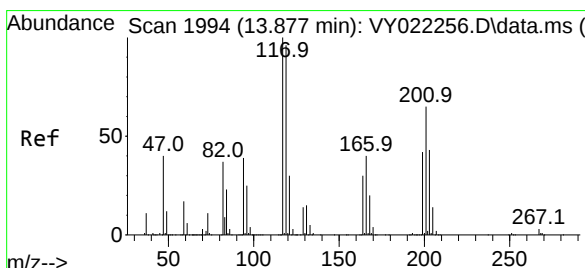
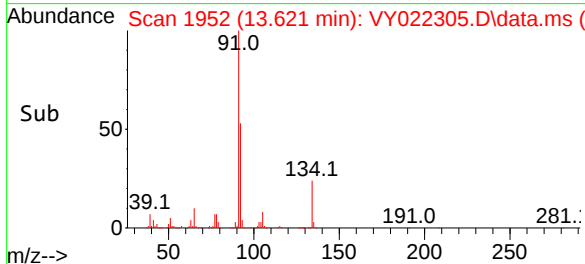
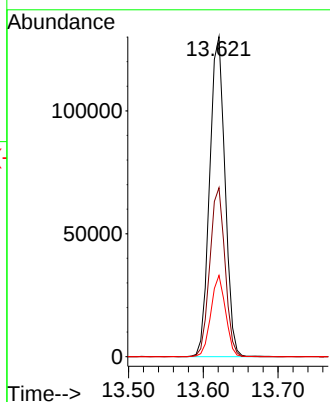
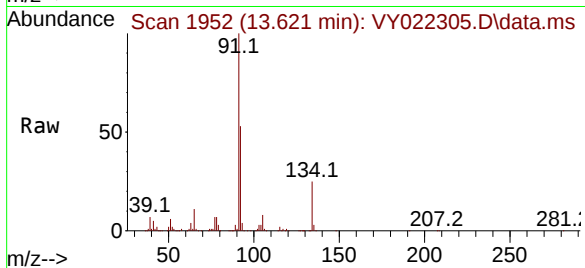
Tgt Ion: 91 Resp: 186063

Ion Ratio Lower Upper

91 100

92 52.2 26.3 78.9

134 24.2 12.4 37.4



#90

Hexachloroethane

Concen: 19.843 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022305.D

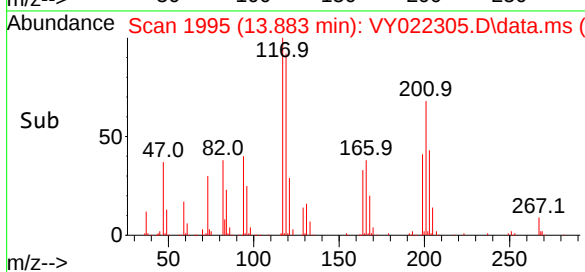
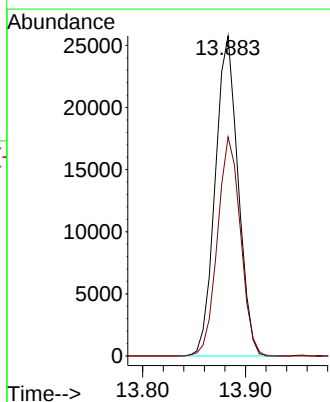
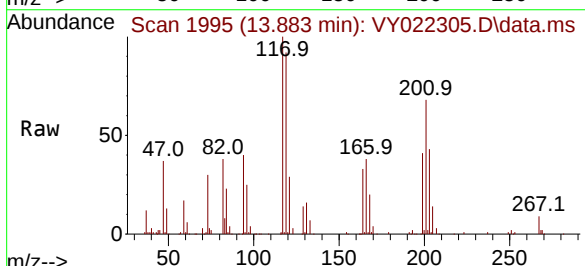
Acq: 19 May 2025 09:36

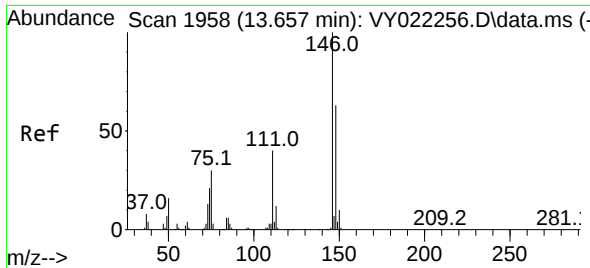
Tgt Ion: 117 Resp: 39735

Ion Ratio Lower Upper

117 100

201 68.8 35.2 105.6

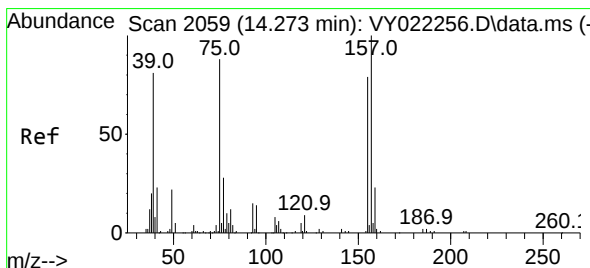
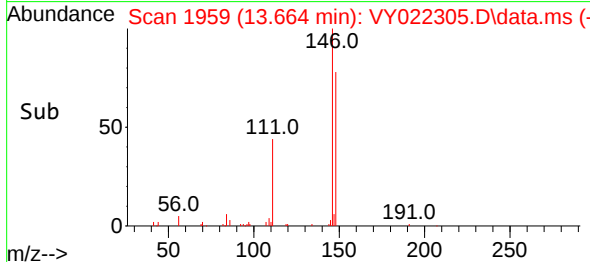
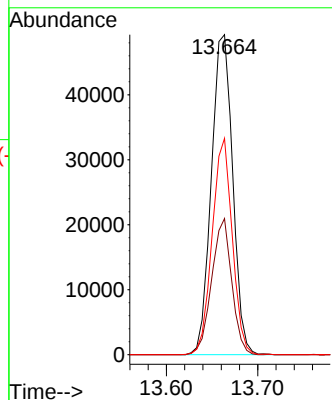
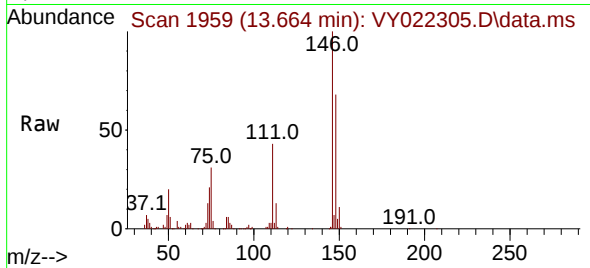




#91
 1,2-Dichlorobenzene
 Concen: 19.666 ug/l
 RT: 13.664 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY022305.D
 Acq: 19 May 2025 09:36

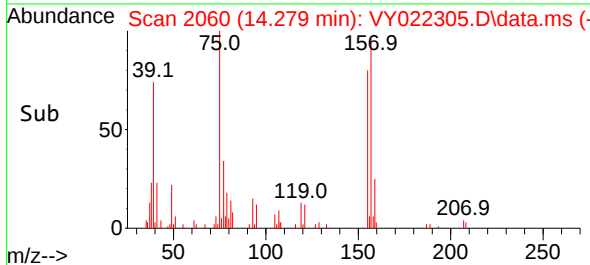
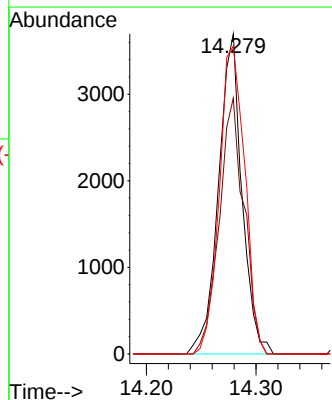
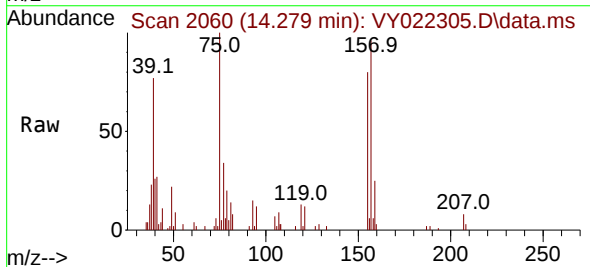
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0519SBS01

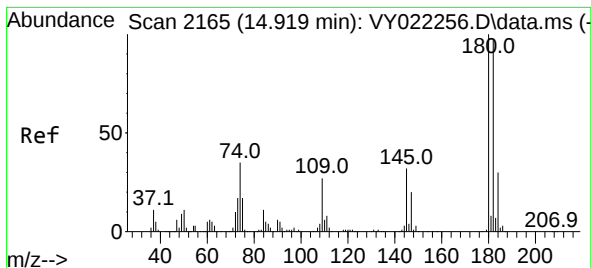
Tgt Ion:	146	Resp:	79761
Ion Ratio	Lower	Upper	
146	100		
111	40.1	20.5	61.5
148	63.8	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.030 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.006 min
 Lab File: VY022305.D
 Acq: 19 May 2025 09:36

Tgt Ion:	75	Resp:	5501
Ion Ratio	Lower	Upper	
75	100		
155	84.7	43.4	130.1
157	104.1	54.6	163.9





#93

1,2,4-Trichlorobenzene

Concen: 18.962 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

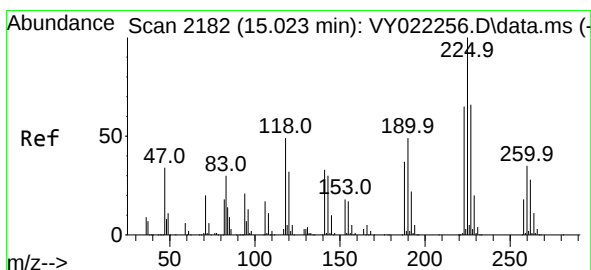
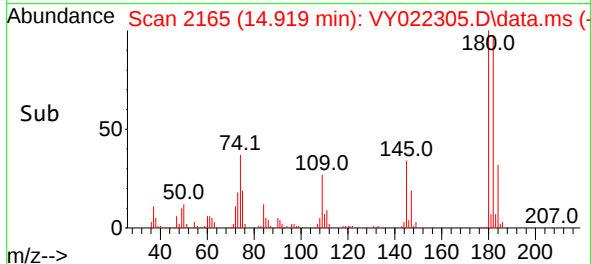
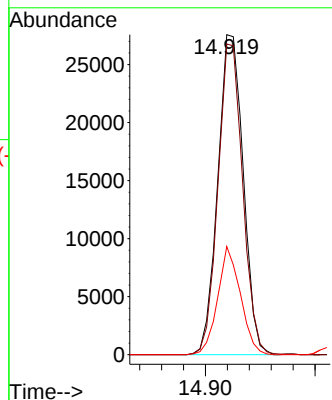
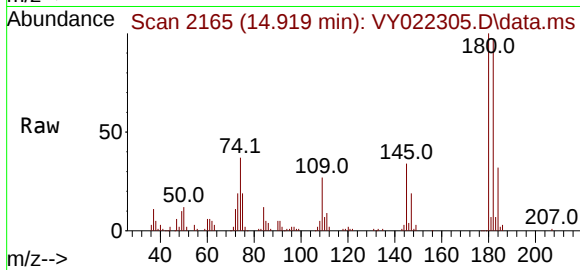
Tgt Ion:180 Resp: 44423

Ion Ratio Lower Upper

180 100

182 94.4 48.0 144.0

145 30.3 15.0 45.1



#94

Hexachlorobutadiene

Concen: 19.484 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

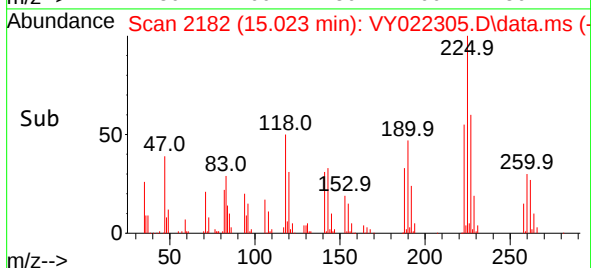
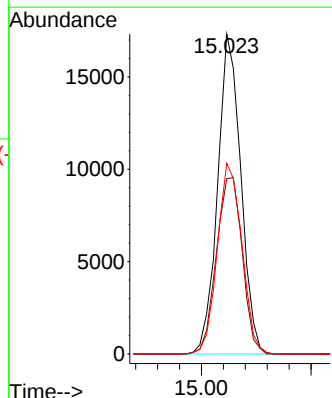
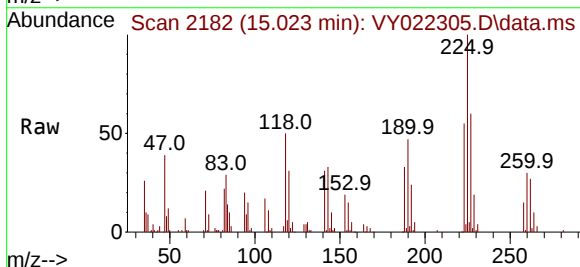
Tgt Ion:225 Resp: 25456

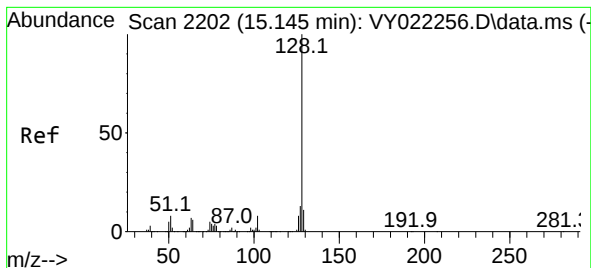
Ion Ratio Lower Upper

225 100

223 61.4 31.5 94.5

227 63.1 32.1 96.3





#95

Naphthalene

Concen: 19.205 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0519SBS01

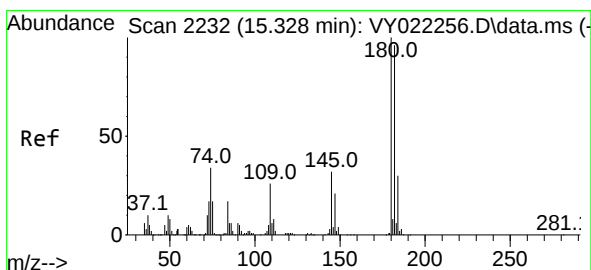
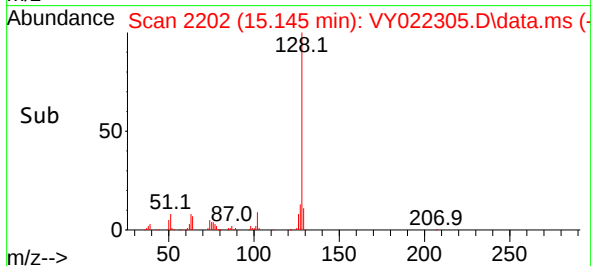
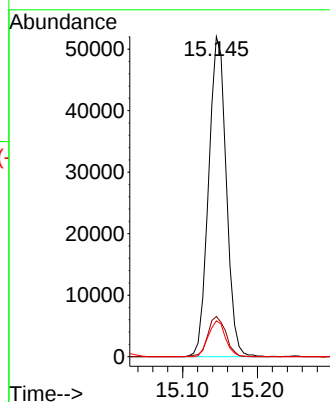
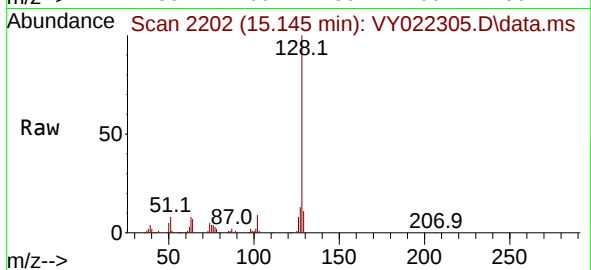
Tgt Ion:128 Resp: 85379

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.185 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022305.D

Acq: 19 May 2025 09:36

Tgt Ion:180 Resp: 38129

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.3

145 32.7 15.9 47.6

