

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022383.D
 Acq On : 22 May 2025 09:59
 Operator : SY/MD
 Sample : VY0522SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBS01

Quant Time: May 23 03:32:55 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	7.713	168	165702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	283052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	236945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	112772	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	91305	50.418	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.840%	
35) Dibromofluoromethane	7.640	113	86124	50.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.960%	
50) Toluene-d8	10.115	98	344960	49.856	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	12.413	95	103227	47.068	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	34872	20.169	ug/l	98
3) Chloromethane	2.068	50	84322	23.184	ug/l	98
4) Vinyl Chloride	2.208	62	103245	25.408	ug/l	96
5) Bromomethane	2.598	94	110601	33.435	ug/l	100
6) Chloroethane	2.738	64	71548	28.302	ug/l	97
7) Trichlorofluoromethane	3.055	101	86964	21.138	ug/l	98
8) Diethyl Ether	3.464	74	20593	20.857	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.823	101	38058	21.308	ug/l	99
10) Methyl Iodide	4.006	142	40873	19.772	ug/l	99
11) Tert butyl alcohol	4.884	59	14857	107.432	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	36929	20.835	ug/l	85
13) Acrolein	3.659	56	11544	57.100	ug/l	90
14) Allyl chloride	4.384	41	56854	18.294	ug/l	94
15) Acrylonitrile	5.073	53	42184	103.689	ug/l	98
16) Acetone	3.884	43	31709	93.380	ug/l	94
17) Carbon Disulfide	4.116	76	114095	19.740	ug/l	99
18) Methyl Acetate	4.396	43	20711	19.345	ug/l	95
19) Methyl tert-butyl Ether	5.128	73	102955	21.066	ug/l	95
20) Methylene Chloride	4.622	84	41710	19.009	ug/l	92
21) trans-1,2-Dichloroethene	5.122	96	39375	20.126	ug/l	92
22) Diisopropyl ether	6.030	45	125231	19.081	ug/l	94
23) Vinyl Acetate	5.969	43	381544	96.228	ug/l	95
24) 1,1-Dichloroethane	5.927	63	74250	20.250	ug/l	99
25) 2-Butanone	6.908	43	55203	97.189	ug/l	100
26) 2,2-Dichloropropane	6.896	77	65151	19.977	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	46809	20.734	ug/l	96
28) Bromochloromethane	7.256	49	31798	20.331	ug/l	99
29) Tetrahydrofuran	7.268	42	37375	102.279	ug/l	92
30) Chloroform	7.432	83	72756	20.687	ug/l	99
31) Cyclohexane	7.713	56	69034	18.844	ug/l	96
32) 1,1,1-Trichloroethane	7.628	97	66078	20.479	ug/l	99
36) 1,1-Dichloropropene	7.847	75	54364	19.537	ug/l	98
37) Ethyl Acetate	6.994	43	27223	20.333	ug/l	97
38) Carbon Tetrachloride	7.823	117	56279	19.539	ug/l	97
39) Methylcyclohexane	9.115	83	73130	19.561	ug/l	93
40) Benzene	8.091	78	166008	20.124	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	13388	15.074	ug/l #	75
42) 1,2-Dichloroethane	8.164	62	45353	20.330	ug/l	100
43) Isopropyl Acetate	8.207	43	55775	19.101	ug/l	98
44) Trichloroethene	8.871	130	41551	20.257	ug/l	98
45) 1,2-Dichloropropane	9.146	63	39131	19.675	ug/l	98
46) Dibromomethane	9.237	93	22317	20.805	ug/l	97
47) Bromodichloromethane	9.432	83	55379	19.900	ug/l	96
48) Methyl methacrylate	9.231	41	24767	18.137	ug/l	93
49) 1,4-Dioxane	9.237	88	5070	418.379	ug/l	93
51) 4-Methyl-2-Pentanone	10.005	43	139840	97.604	ug/l	97
52) Toluene	10.176	92	101209	19.375	ug/l	99
53) t-1,3-Dichloropropene	10.401	75	52641	19.383	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	61287	19.697	ug/l	96
55) 1,1,2-Trichloroethane	10.578	97	28589	20.813	ug/l	97
56) Ethyl methacrylate	10.444	69	42404	19.818	ug/l	94
57) 1,3-Dichloropropane	10.725	76	50499	20.692	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	83817	87.274	ug/l	97
59) 2-Hexanone	10.767	43	91893	95.660	ug/l	96
60) Dibromochloromethane	10.920	129	36293	20.356	ug/l	99
61) 1,2-Dibromoethane	11.017	107	25923	20.248	ug/l	100
64) Tetrachloroethene	10.651	164	45749	20.889	ug/l	97
65) Chlorobenzene	11.450	112	108867	20.365	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.523	131	36887	20.072	ug/l	99
67) Ethyl Benzene	11.523	91	196186	19.596	ug/l	99
68) m/p-Xylenes	11.633	106	149849	39.722	ug/l	96
69) o-Xylene	11.956	106	70807	19.838	ug/l	96
70) Styrene	11.974	104	119807	19.899	ug/l	97
71) Bromoform	12.133	173	20642	20.810	ug/l #	97
73) Isopropylbenzene	12.261	105	184158	19.712	ug/l	100
74) N-amyl acetate	12.072	43	50559	18.922	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	30272	21.069	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	43803	38.340	ug/l #	100
77) Bromobenzene	12.535	156	39924	20.008	ug/l	99
78) n-propylbenzene	12.602	91	222841	19.775	ug/l	100
79) 2-Chlorotoluene	12.682	91	120348	19.434	ug/l	98
80) 1,3,5-Trimethylbenzene	12.742	105	148179	19.648	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	11117	19.711	ug/l	95
82) 4-Chlorotoluene	12.779	91	122004	19.154	ug/l	96
83) tert-Butylbenzene	12.999	119	135145	20.161	ug/l	96
84) 1,2,4-Trimethylbenzene	13.047	105	146449	19.562	ug/l	98
85) sec-Butylbenzene	13.181	105	198914	19.991	ug/l	99
86) p-Isopropyltoluene	13.297	119	162649	19.435	ug/l	98
87) 1,3-Dichlorobenzene	13.291	146	80601	19.787	ug/l	98
88) 1,4-Dichlorobenzene	13.370	146	78462	20.025	ug/l	99
89) n-Butylbenzene	13.620	91	155438	19.633	ug/l	100
90) Hexachloroethane	13.883	117	33072	19.577	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	69239	20.236	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4955	21.386	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	39517	19.994	ug/l	97
94) Hexachlorobutadiene	15.029	225	20733	18.811	ug/l	99
95) Naphthalene	15.144	128	76999	20.530	ug/l	100
96) 1,2,3-Trichlorobenzene	15.333	180	34249	20.427	ug/l	97

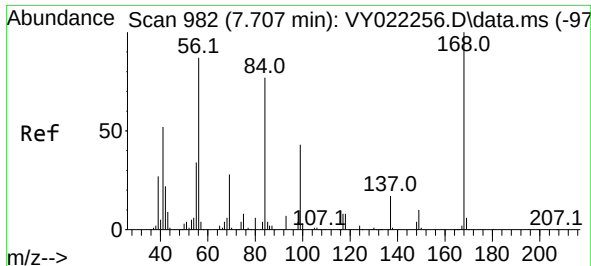
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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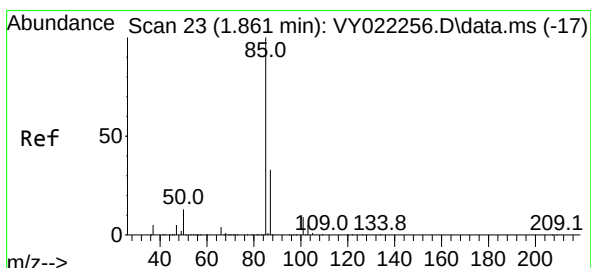
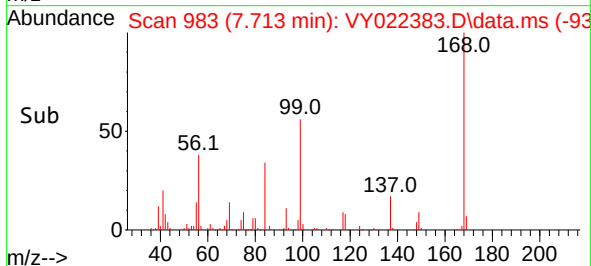
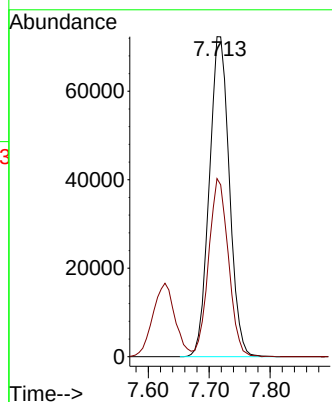
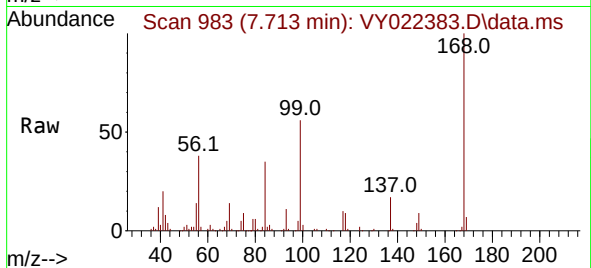
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022383.D
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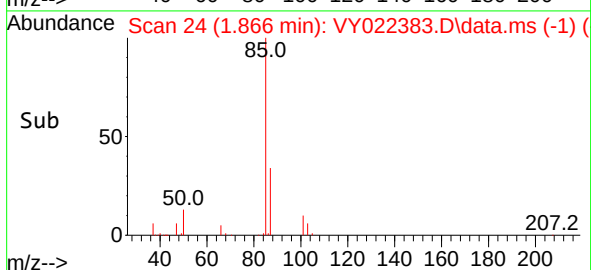
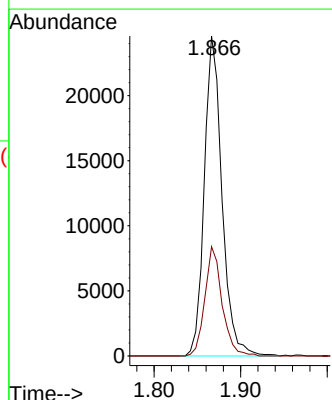
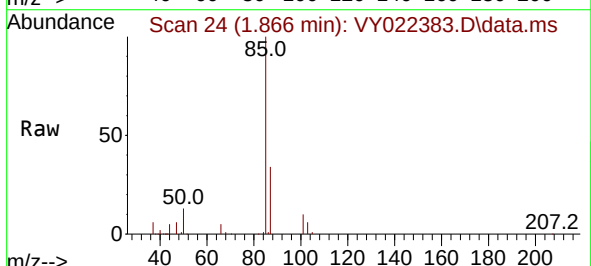
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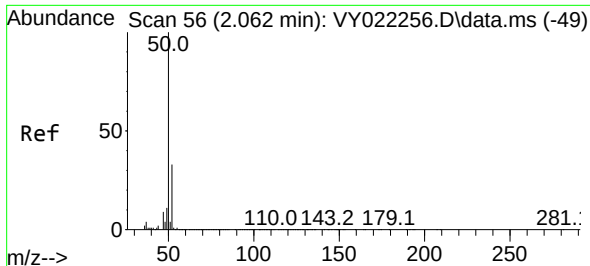
Tgt Ion:168 Resp: 165702
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 20.169 ug/l
RT: 1.866 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 85 Resp: 34872
Ion Ratio Lower Upper
85 100
87 34.1 16.5 49.5

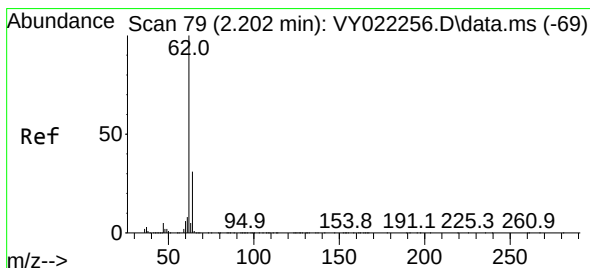
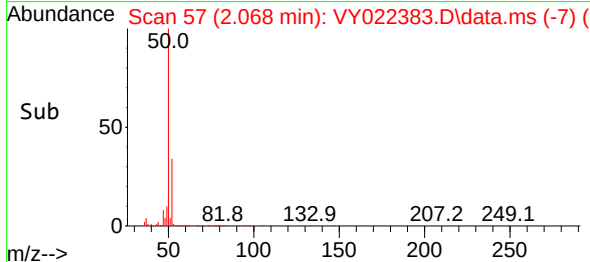
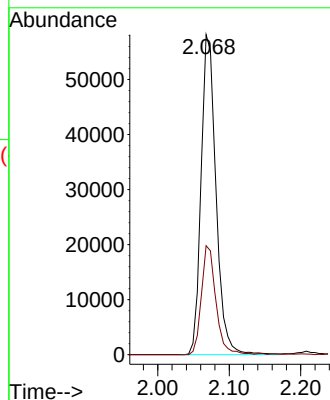
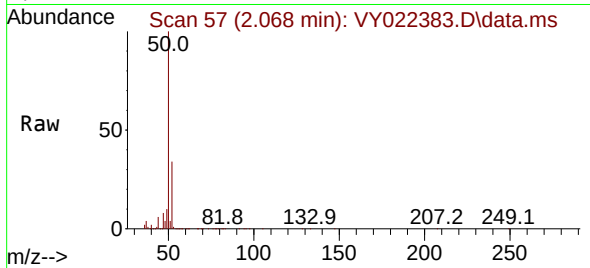




#3
Chloromethane
Concen: 23.184 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

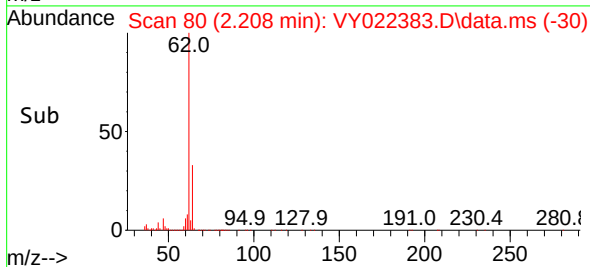
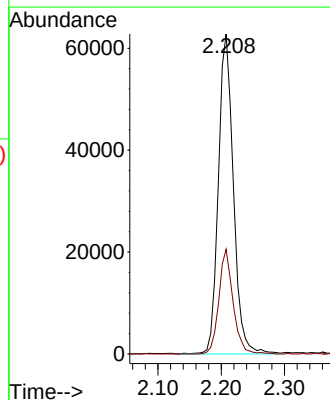
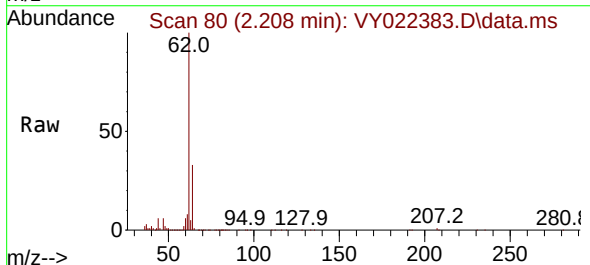
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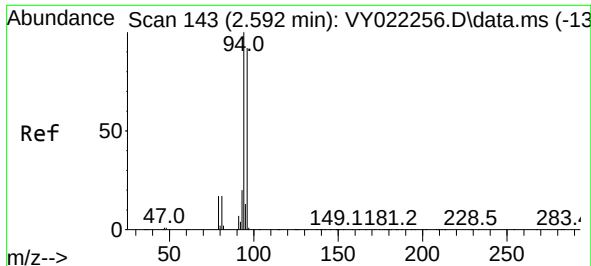
Tgt Ion: 50 Resp: 84322
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7



#4
Vinyl Chloride
Concen: 25.408 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 62 Resp: 103245
Ion Ratio Lower Upper
62 100
64 32.7 24.5 36.7

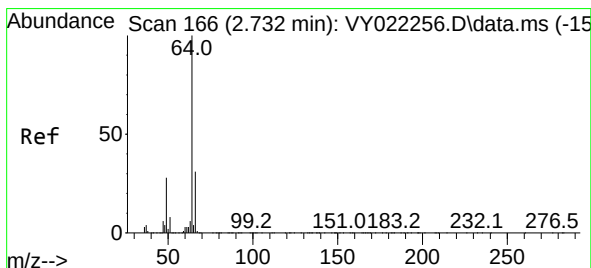
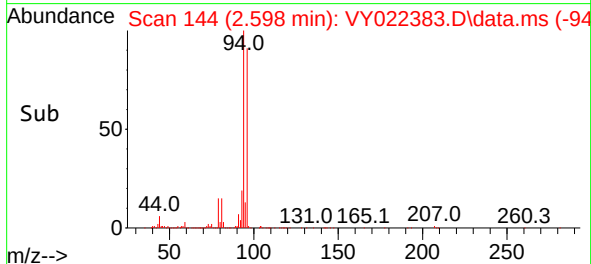
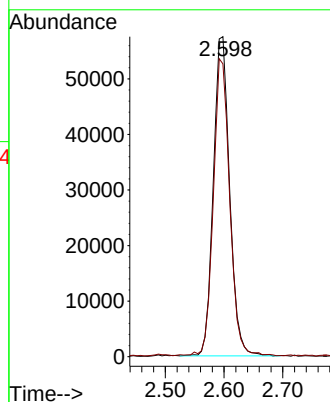
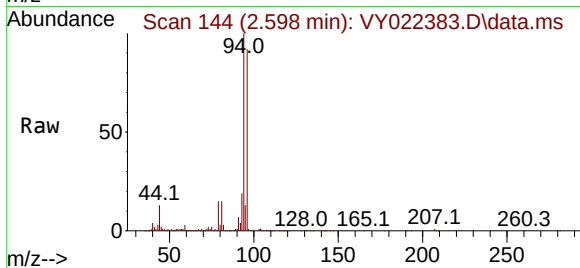




#5
Bromomethane
Concen: 33.435 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

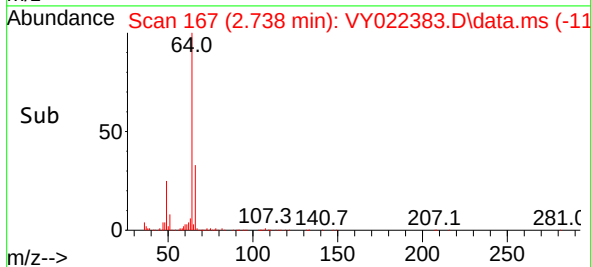
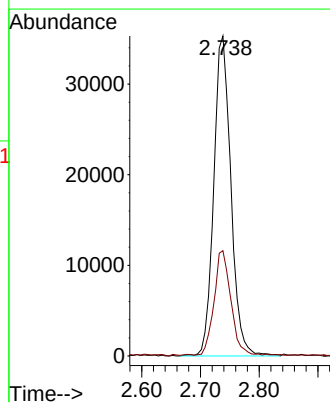
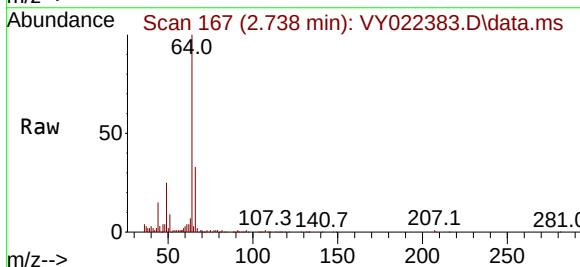
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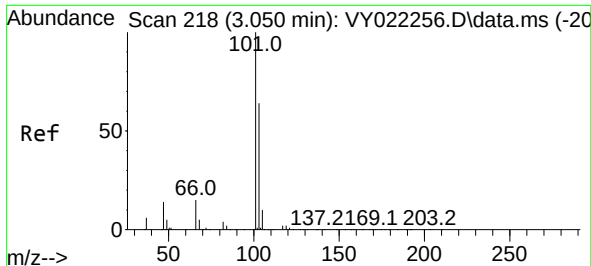
Tgt Ion: 94 Resp: 110601
Ion Ratio Lower Upper
94 100
96 91.4 73.4 110.0



#6
Chloroethane
Concen: 28.302 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 64 Resp: 71548
Ion Ratio Lower Upper
64 100
66 32.7 24.8 37.2

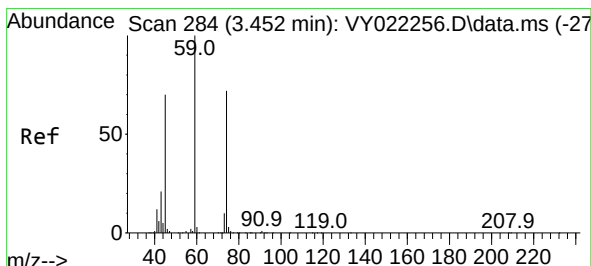
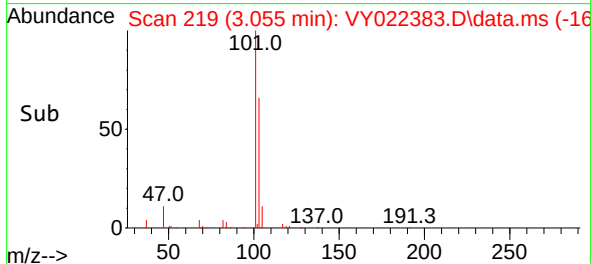
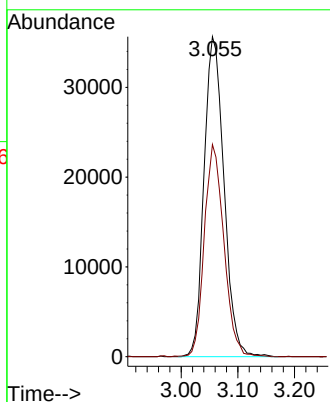
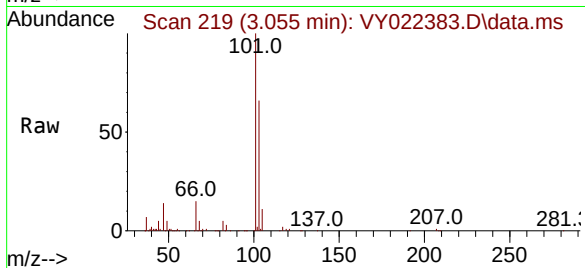




#7
 Trichlorofluoromethane
 Concen: 21.138 ug/l
 RT: 3.055 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022383.D
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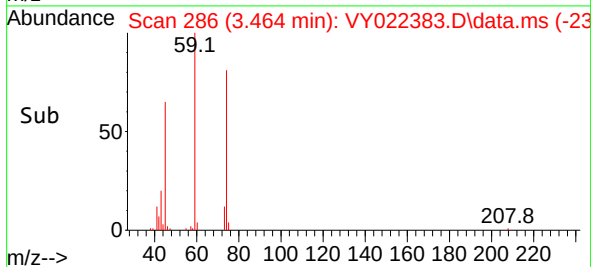
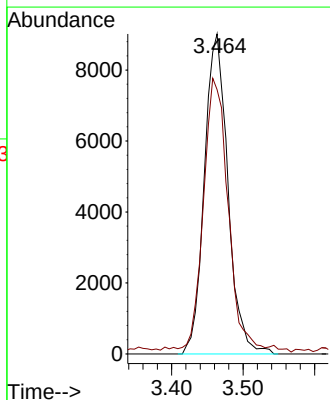
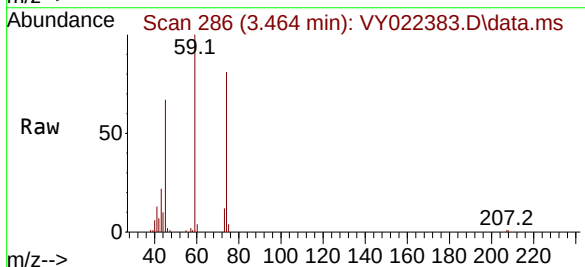
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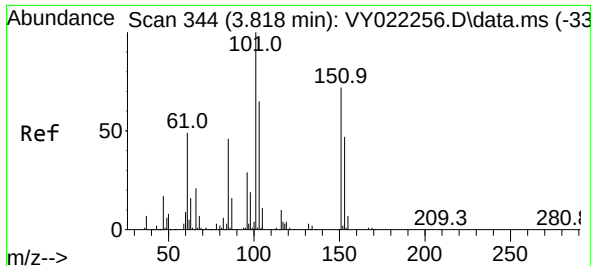
Tgt Ion:101 Resp: 86964
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.7 77.5



#8
 Diethyl Ether
 Concen: 20.857 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.012 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

Tgt Ion: 74 Resp: 20593
 Ion Ratio Lower Upper
 74 100
 45 91.8 48.6 145.8

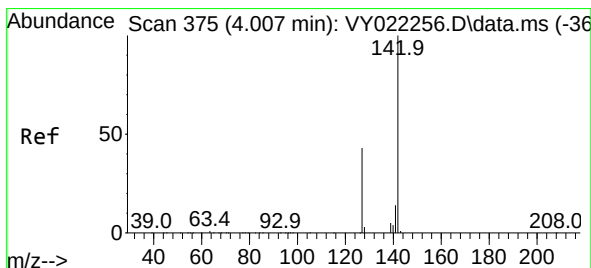
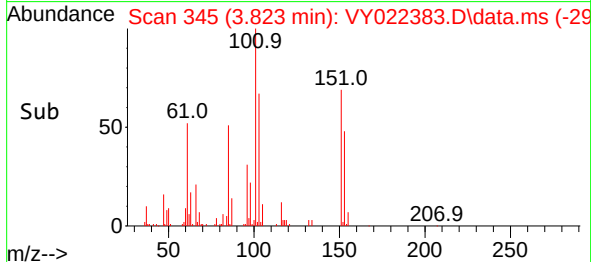
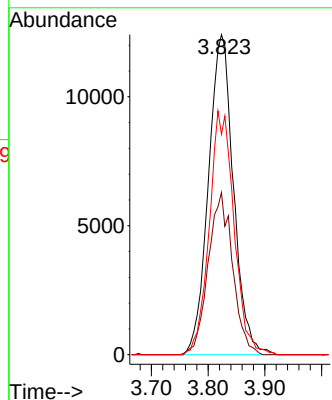
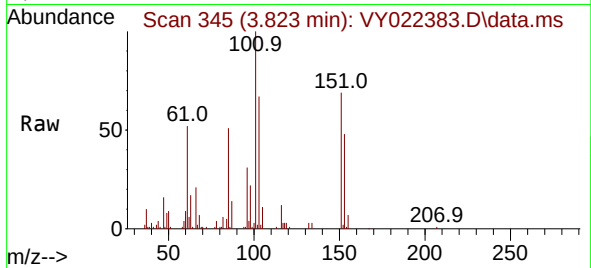




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.308 ug/l
RT: 3.823 min Scan# 344
Delta R.T. 0.006 min
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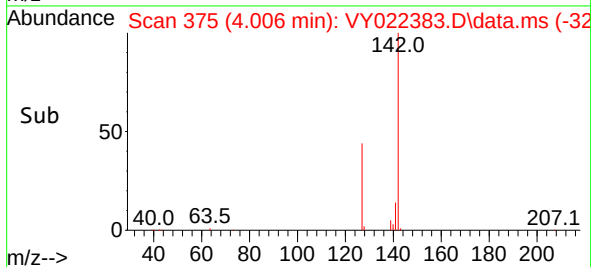
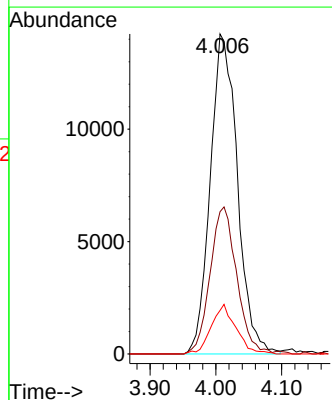
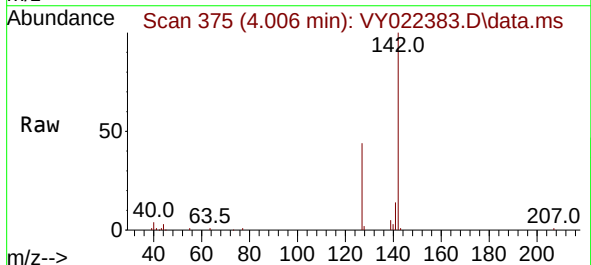
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ClientSampleId :
VY0522SBSD01

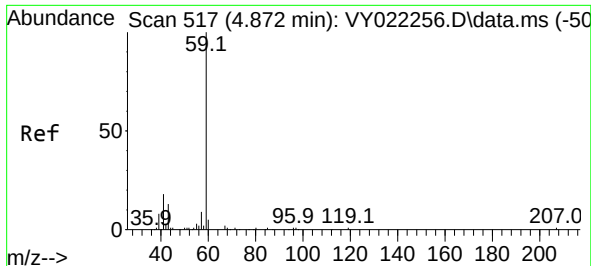
Tgt Ion:101 Resp: 38058
Ion Ratio Lower Upper
101 100
85 49.4 38.6 58.0
151 75.4 59.7 89.5



#10
Methyl Iodide
Concen: 19.772 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion:142 Resp: 40873
Ion Ratio Lower Upper
142 100
127 45.4 35.7 53.5
141 14.1 11.1 16.7





#11

Tert butyl alcohol

Concen: 107.432 ug/l

RT: 4.884 min Scan# 517

Delta R.T. 0.012 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

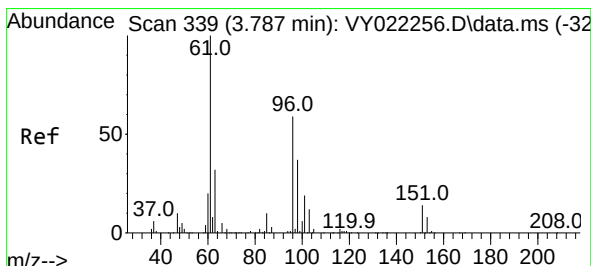
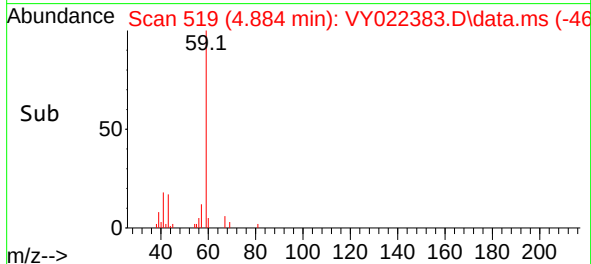
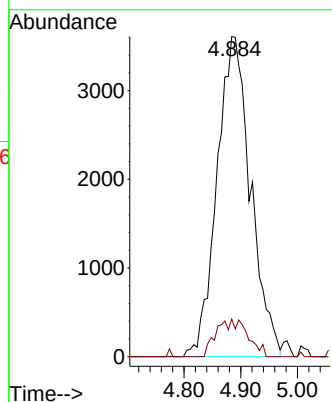
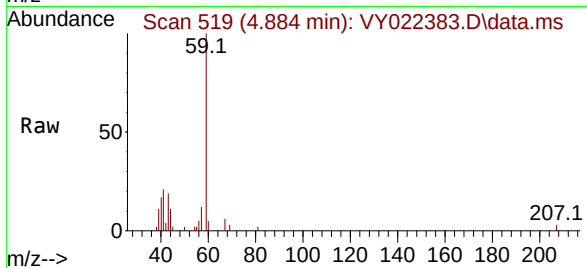
VY0522SBS01

Tgt Ion: 59 Resp: 14857

Ion Ratio Lower Upper

59 100

57 4.8 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 20.835 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

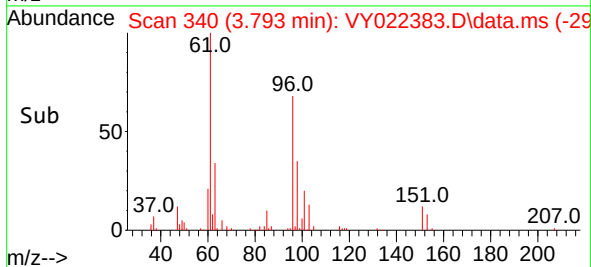
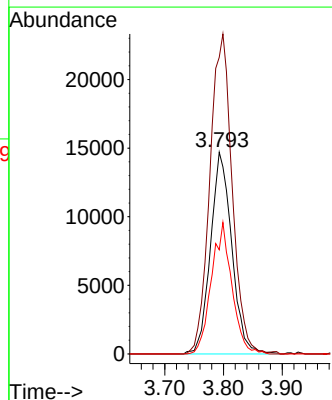
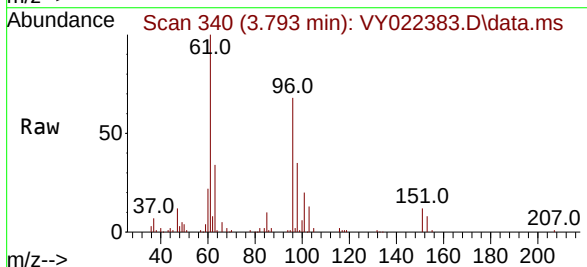
Tgt Ion: 96 Resp: 36929

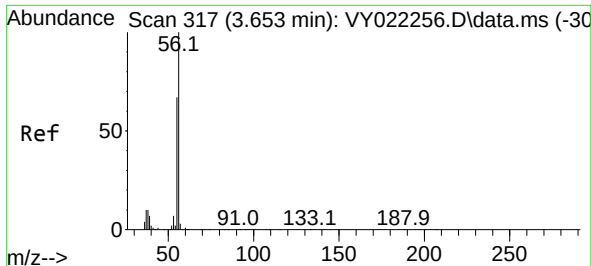
Ion Ratio Lower Upper

96 100

61 147.0 134.9 202.3

98 51.6 49.9 74.9





#13

Acrolein

Concen: 57.100 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

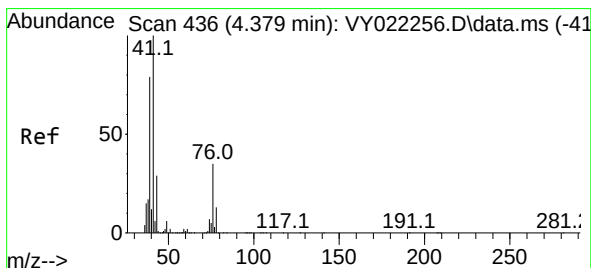
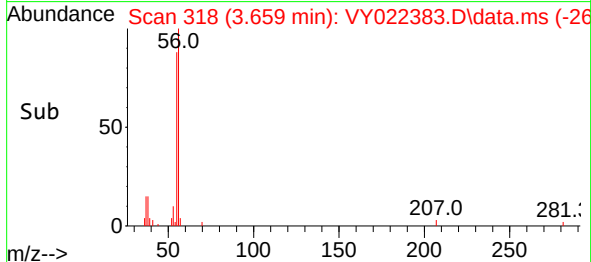
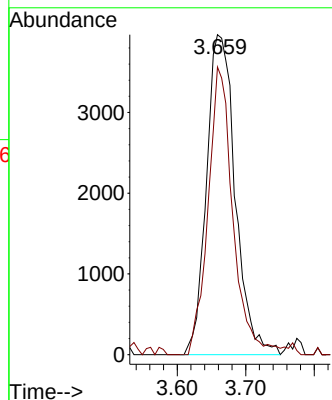
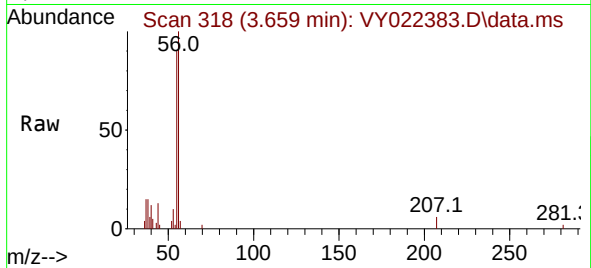
VY0522SBSD01

Tgt Ion: 56 Resp: 11544

Ion Ratio Lower Upper

56 100

55 77.7 55.6 83.4



#14

Allyl chloride

Concen: 18.294 ug/l

RT: 4.384 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

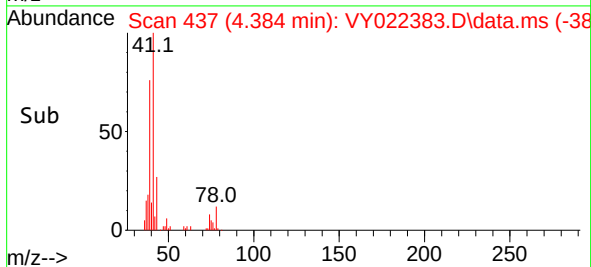
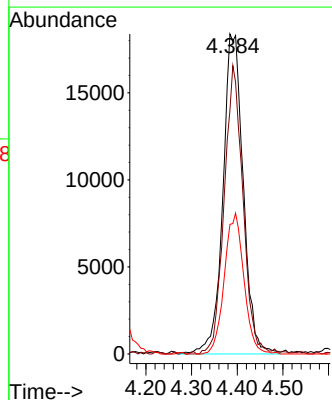
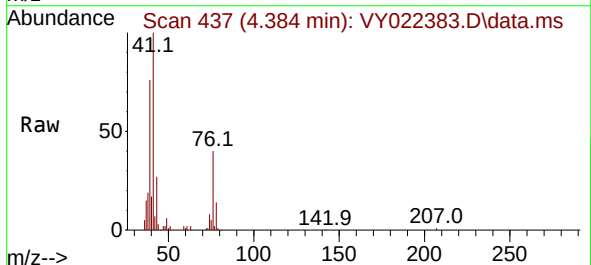
Tgt Ion: 41 Resp: 56854

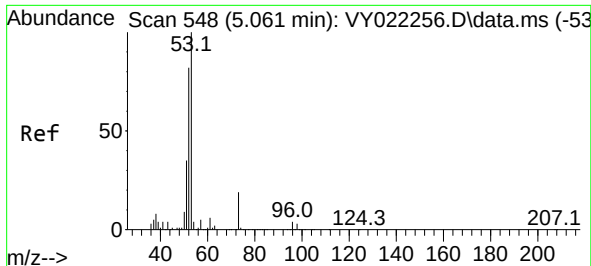
Ion Ratio Lower Upper

41 100

39 83.0 63.4 95.0

76 42.3 29.5 44.3

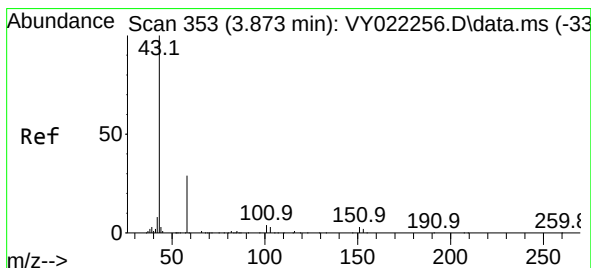
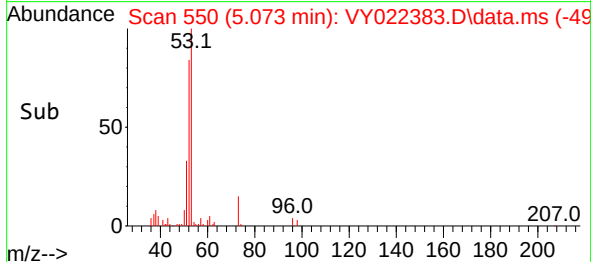
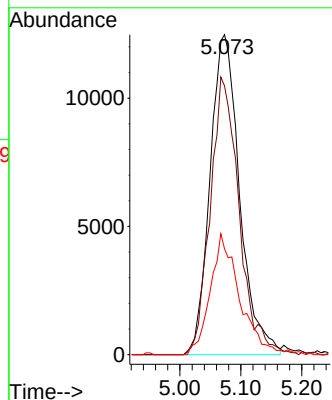
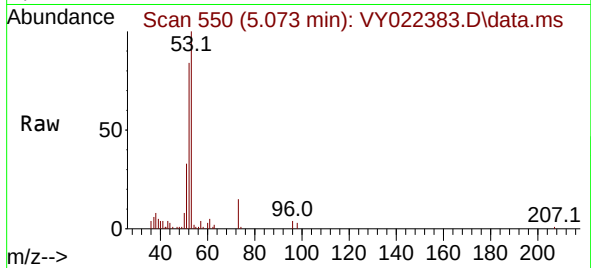




#15
Acrylonitrile
Concen: 103.689 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

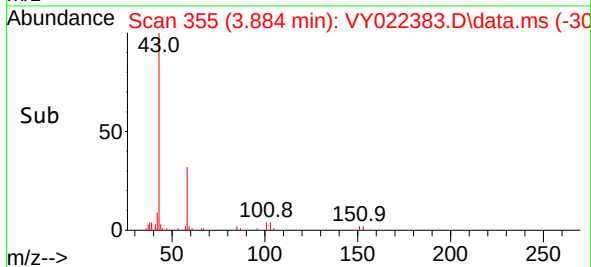
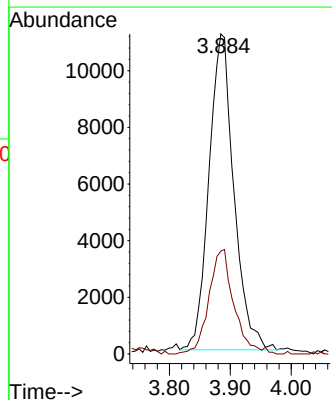
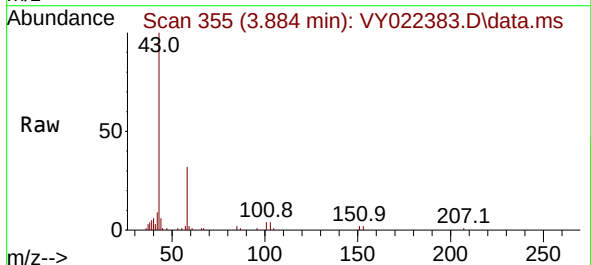
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

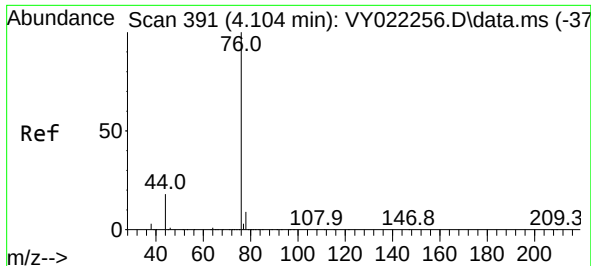
Tgt Ion: 53 Resp: 42184
Ion Ratio Lower Upper
53 100
52 84.4 66.1 99.1
51 37.2 30.0 45.0



#16
Acetone
Concen: 93.380 ug/l
RT: 3.884 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 43 Resp: 31709
Ion Ratio Lower Upper
43 100
58 32.6 23.6 35.4





#17

Carbon Disulfide

Concen: 19.740 ug/l

RT: 4.116 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

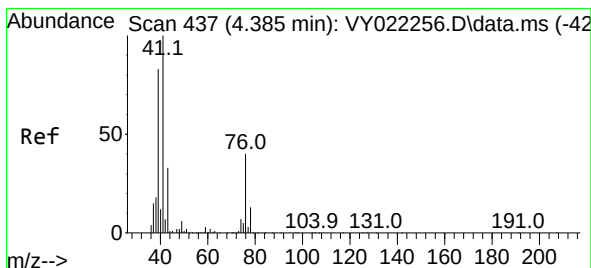
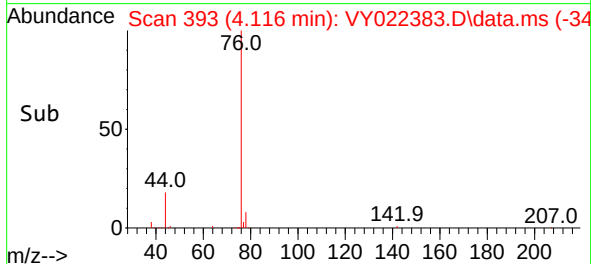
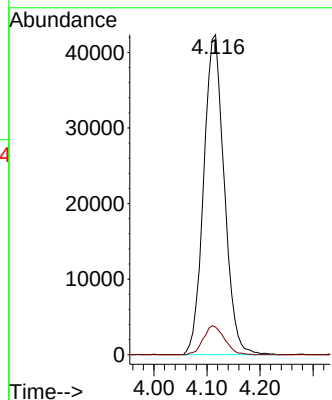
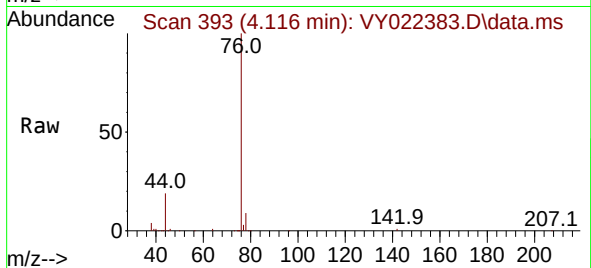
VY0522SBSD01

Tgt Ion: 76 Resp: 114095

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



#18

Methyl Acetate

Concen: 19.345 ug/l

RT: 4.396 min Scan# 439

Delta R.T. 0.012 min

Lab File: VY022383.D

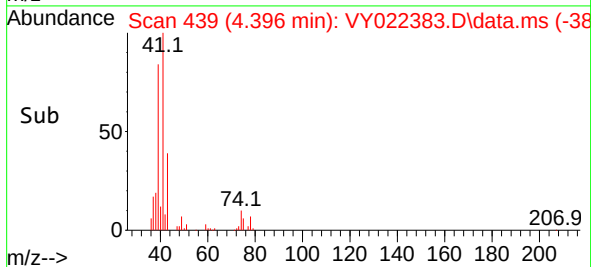
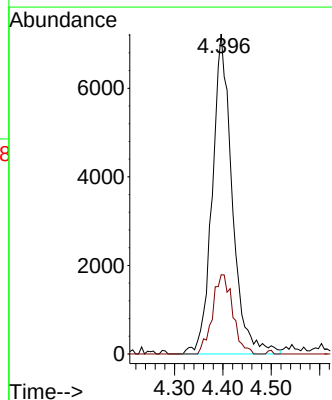
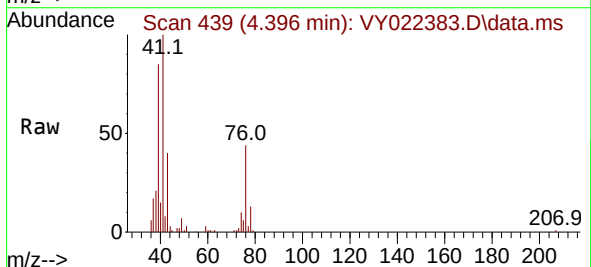
Acq: 22 May 2025 09:59

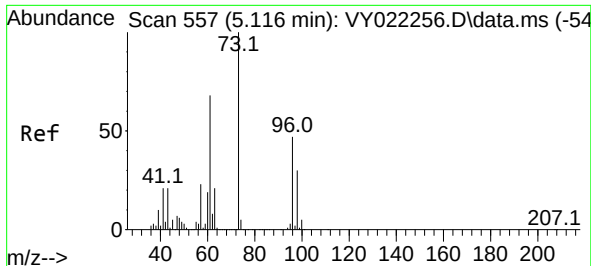
Tgt Ion: 43 Resp: 20711

Ion Ratio Lower Upper

43 100

74 25.0 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 21.066 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

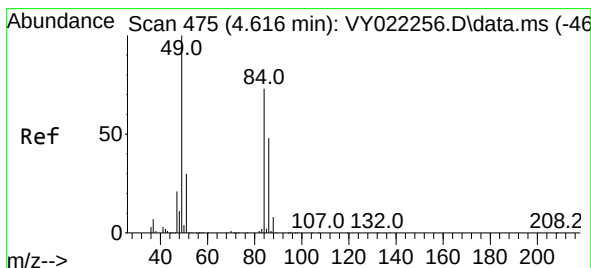
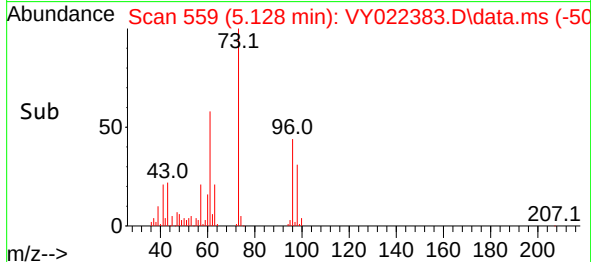
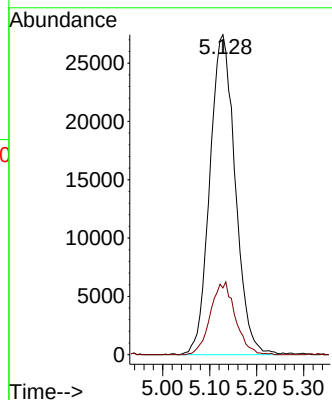
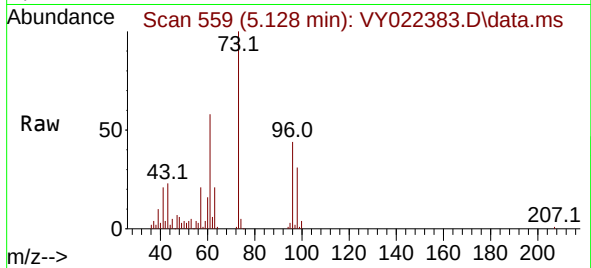
VY0522SBS01

Tgt Ion: 73 Resp: 102955

Ion Ratio Lower Upper

73 100

57 20.8 18.6 28.0



#20

Methylene Chloride

Concen: 19.009 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Tgt Ion: 84 Resp: 41710

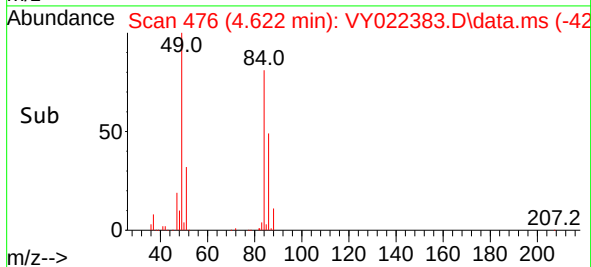
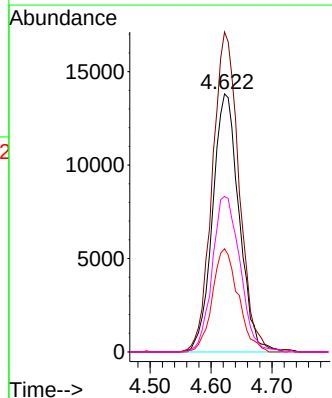
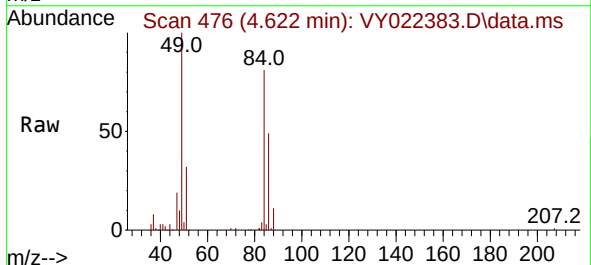
Ion Ratio Lower Upper

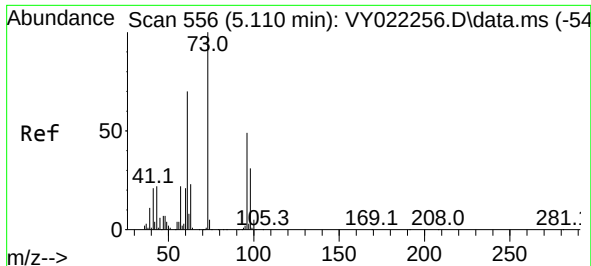
84 100

49 124.0 109.6 164.4

51 39.9 32.4 48.6

86 60.3 52.3 78.5

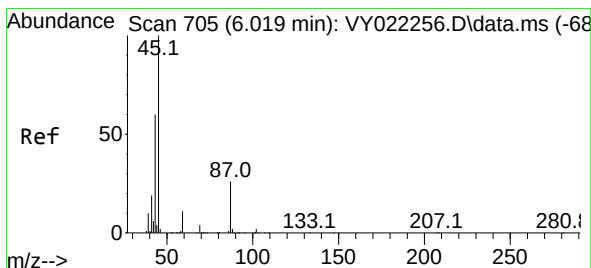
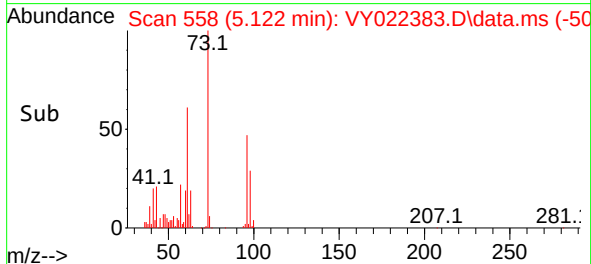
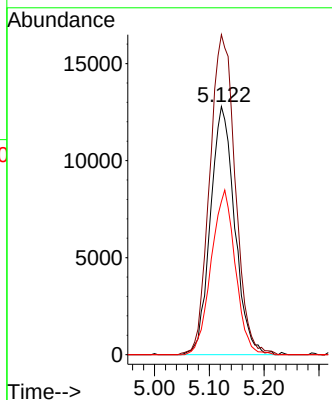
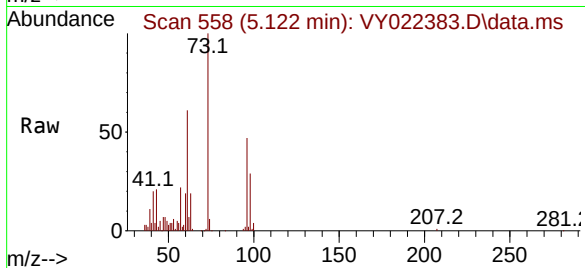




#21
trans-1,2-Dichloroethene
Concen: 20.126 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

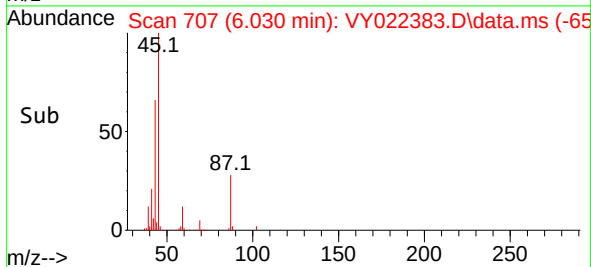
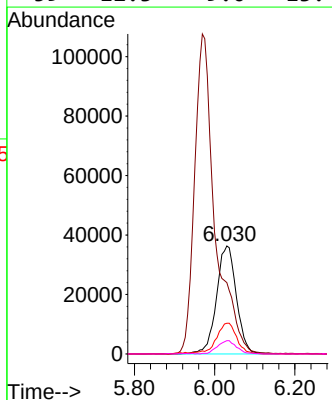
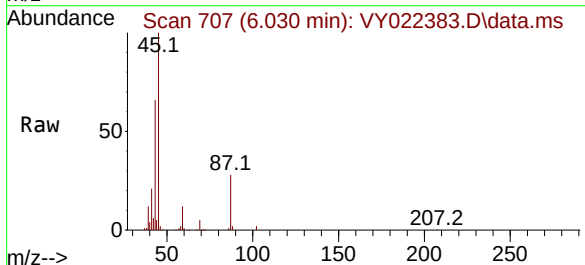
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

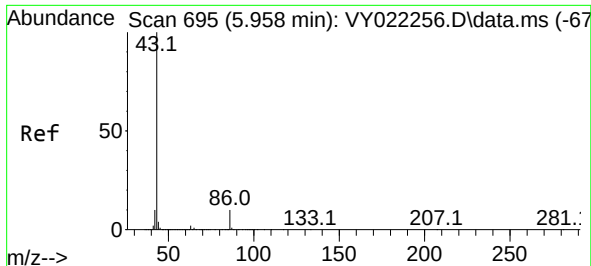
Tgt Ion: 96 Resp: 39375
Ion Ratio Lower Upper
96 100
61 129.0 113.4 170.0
98 61.7 50.9 76.3



#22
Diisopropyl ether
Concen: 19.081 ug/l
RT: 6.030 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 45 Resp: 125231
Ion Ratio Lower Upper
45 100
43 65.6 48.2 72.2
87 28.4 21.4 32.0
59 12.3 9.0 13.4

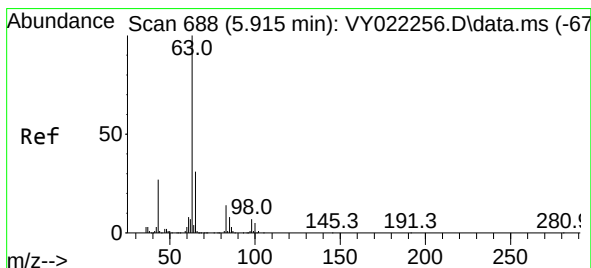
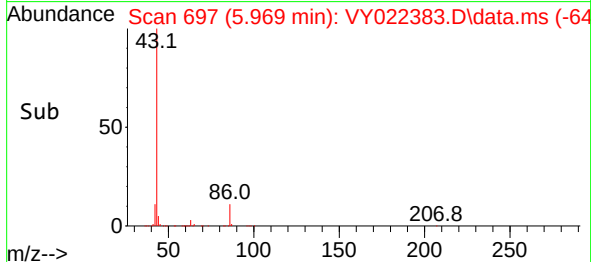
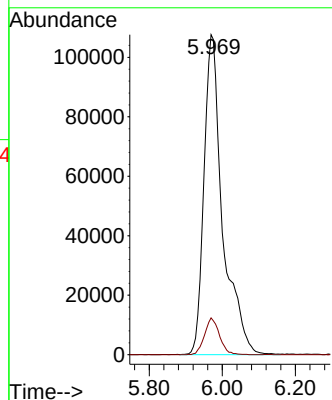
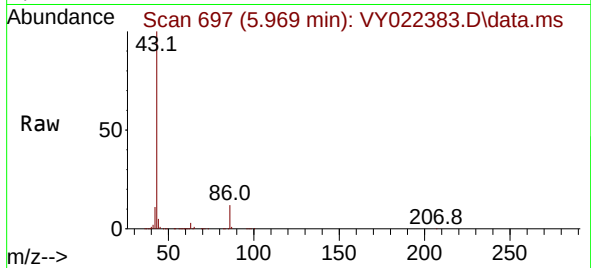




#23
 Vinyl Acetate
 Concen: 96.228 ug/l
 RT: 5.969 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

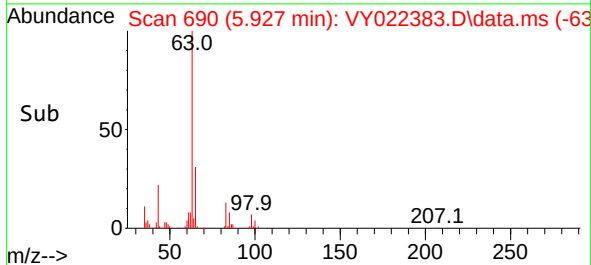
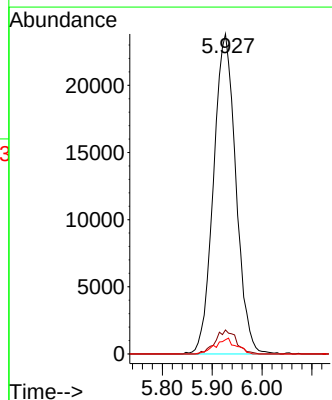
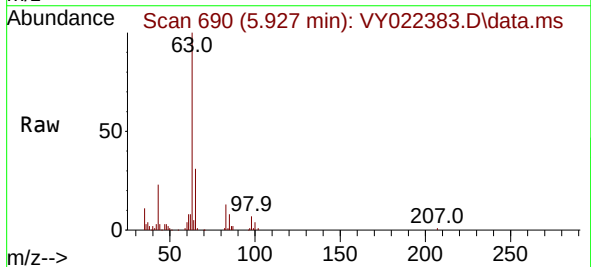
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01

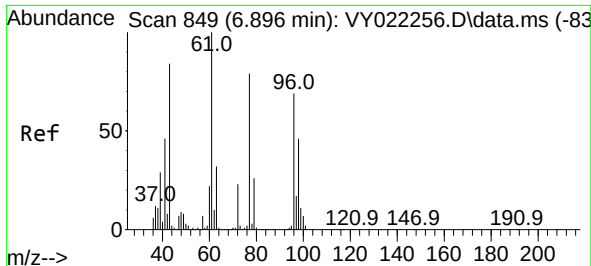
Tgt Ion: 43 Resp: 381544
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.250 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

Tgt Ion: 63 Resp: 74250
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 97.189 ug/l

RT: 6.908 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

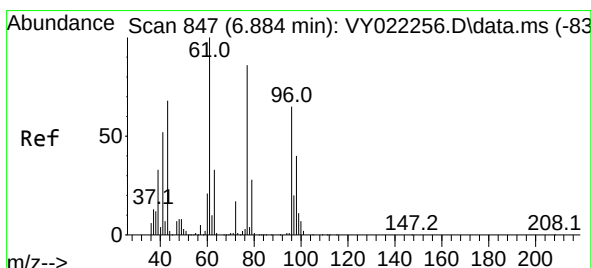
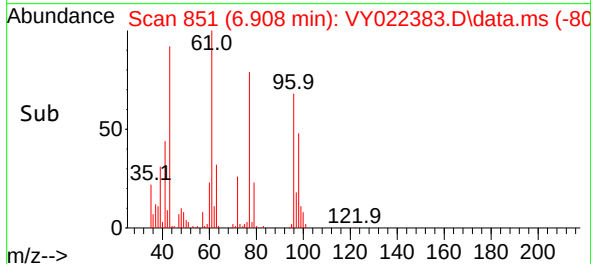
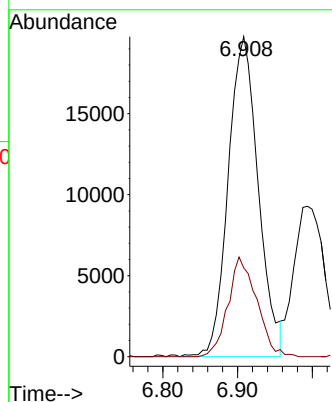
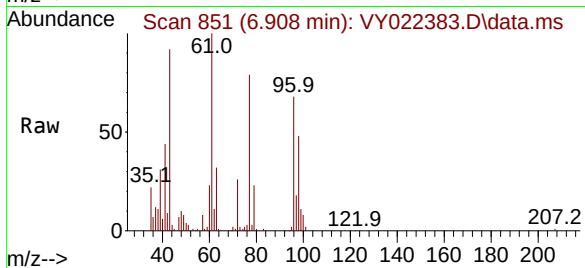
VY0522SBS01

Tgt Ion: 43 Resp: 55203

Ion Ratio Lower Upper

43 100

72 27.7 22.1 33.1



#26

2,2-Dichloropropane

Concen: 19.977 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY022383.D

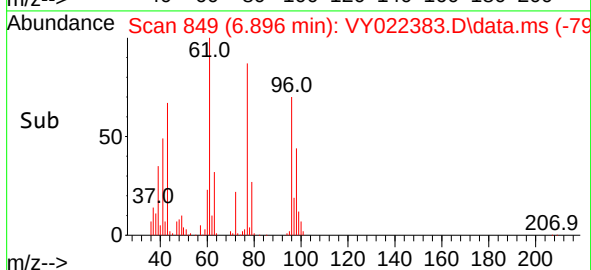
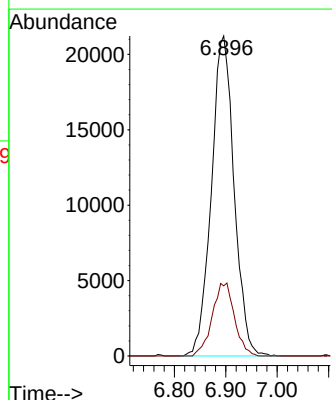
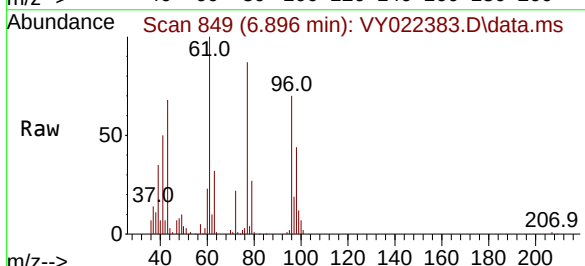
Acq: 22 May 2025 09:59

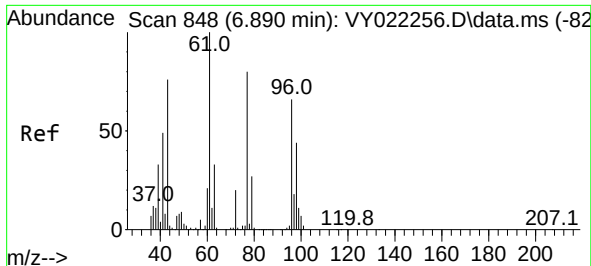
Tgt Ion: 77 Resp: 65151

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5



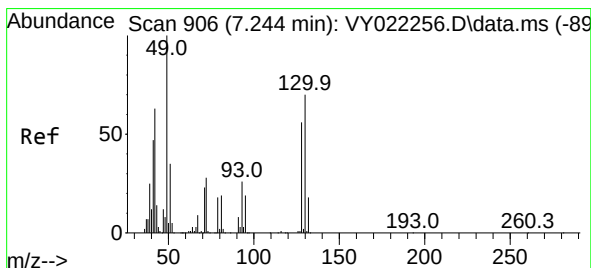
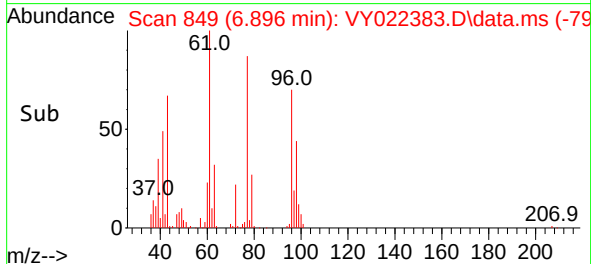
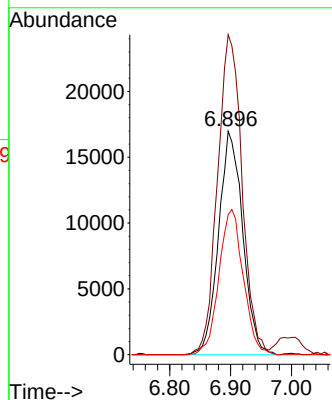
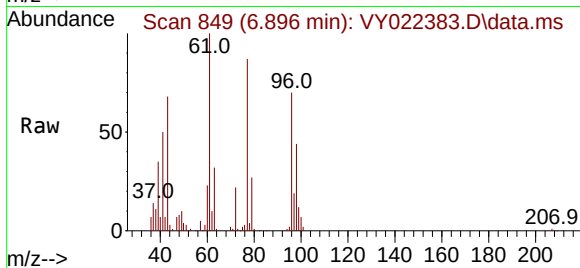


#27
 cis-1,2-Dichloroethene
 Concen: 20.734 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01

Tgt Ion: 96 Resp: 46809

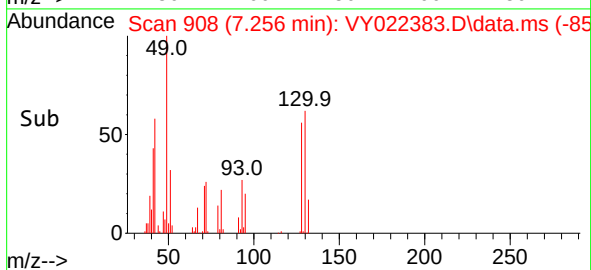
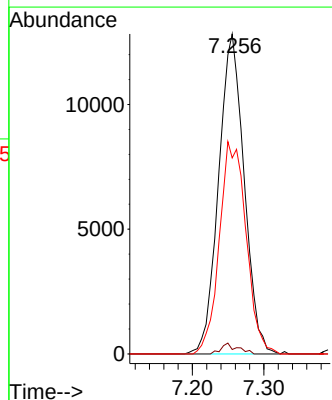
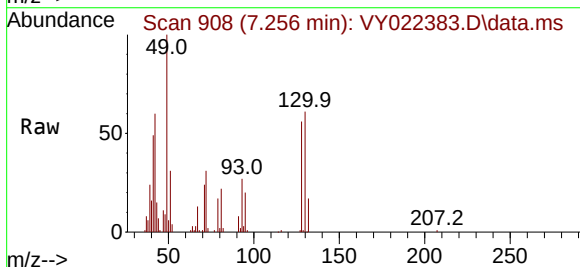
Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	302.6
98	65.4	0.0	128.8

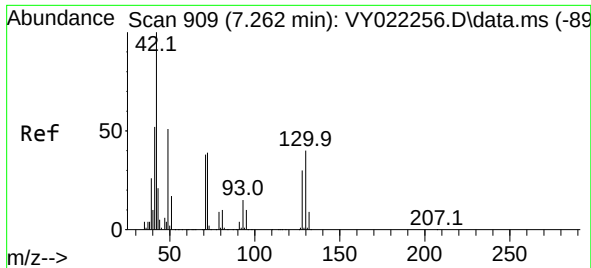


#28
 Bromochloromethane
 Concen: 20.331 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

Tgt Ion: 49 Resp: 31798

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.6
130	69.5	54.7	82.1

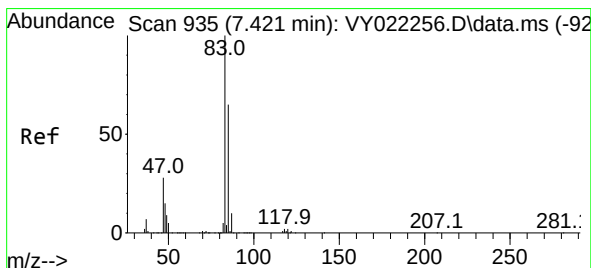
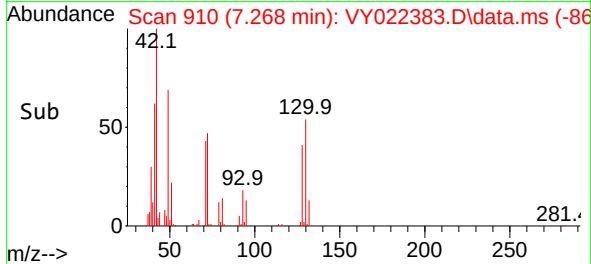
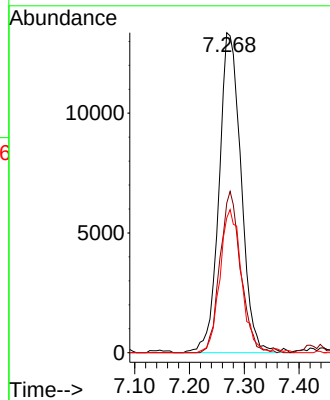
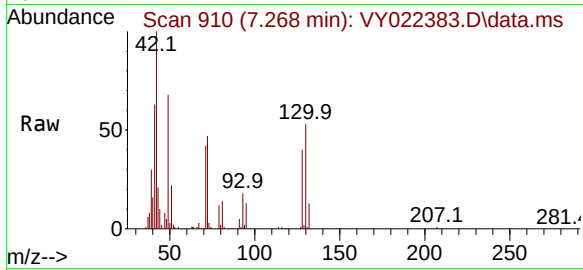




#29
Tetrahydrofuran
Concen: 102.279 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

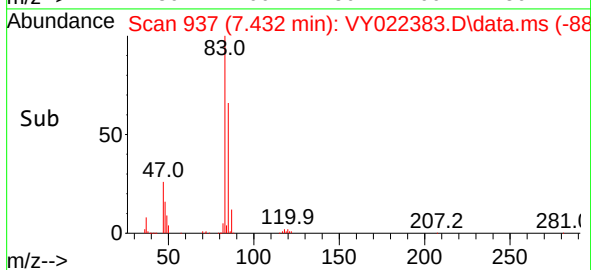
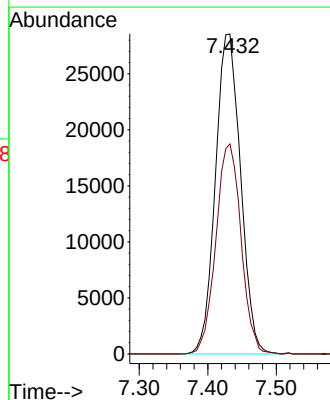
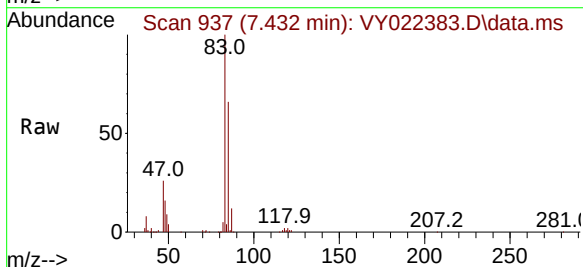
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

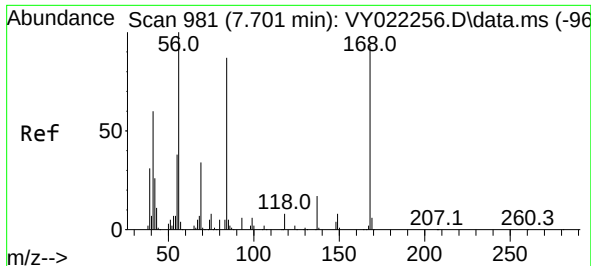
Tgt Ion: 42 Resp: 37375
Ion Ratio Lower Upper
42 100
72 47.4 33.8 50.6
71 43.7 31.5 47.3



#30
Chloroform
Concen: 20.687 ug/l
RT: 7.432 min Scan# 937
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 83 Resp: 72756
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.8

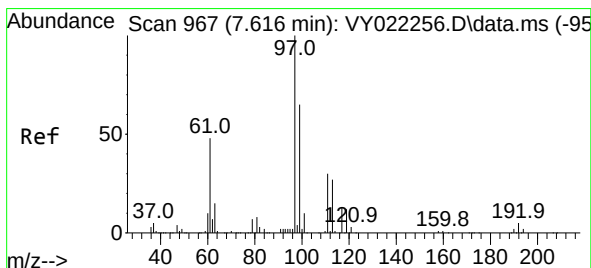
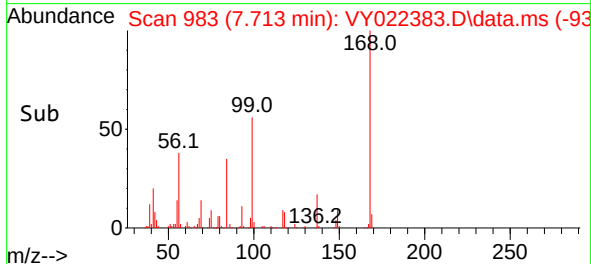
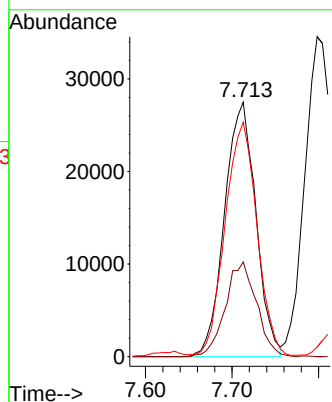
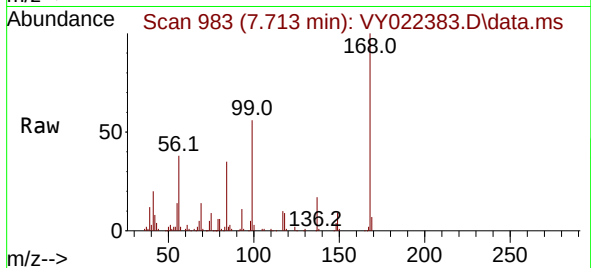




#31
Cyclohexane
Concen: 18.844 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

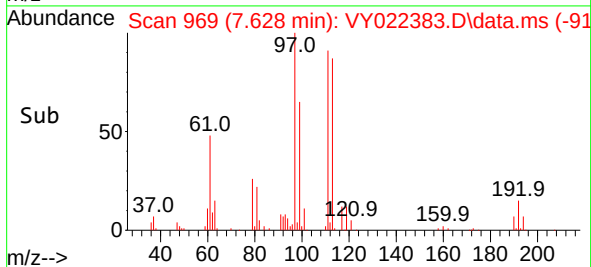
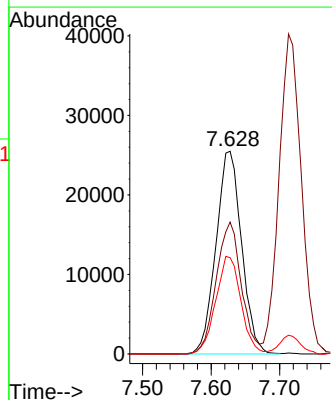
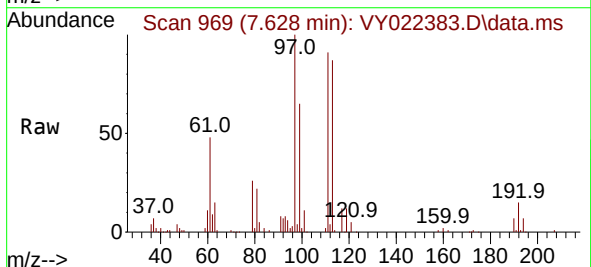
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

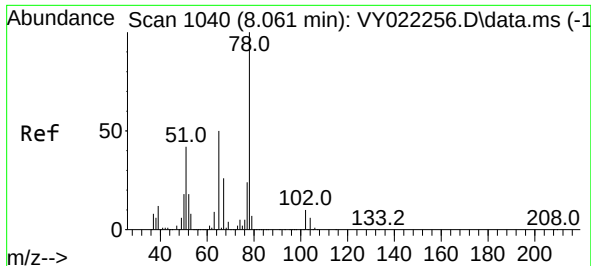
Tgt Ion: 56 Resp: 69034
Ion Ratio Lower Upper
56 100
69 37.2 27.4 41.2
84 90.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 20.479 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 97 Resp: 66078
Ion Ratio Lower Upper
97 100
99 63.8 51.4 77.0
61 47.2 38.1 57.1

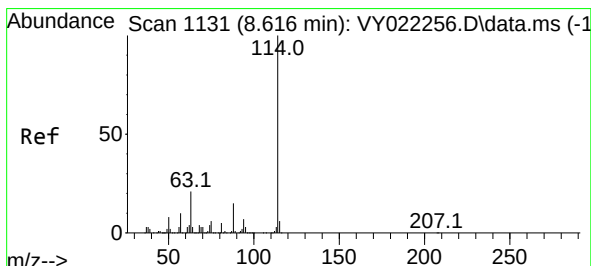
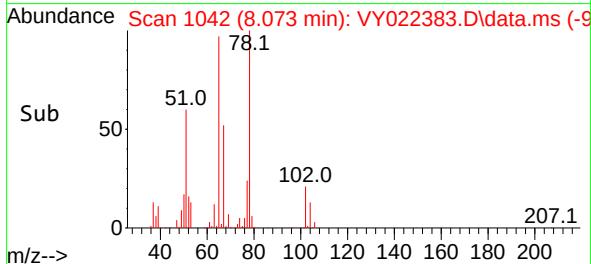
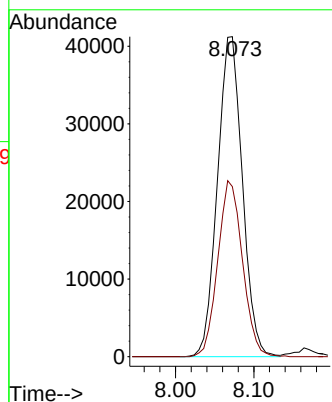
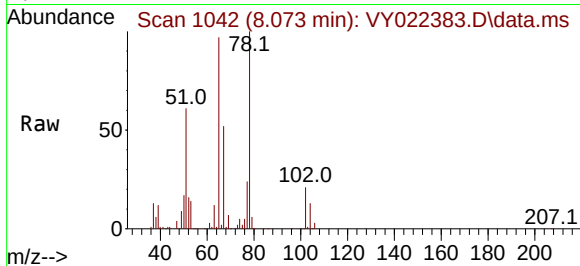




#33
 1,2-Dichloroethane-d4
 Concen: 50.418 ug/l
 RT: 8.073 min Scan# 110
 Delta R.T. 0.012 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

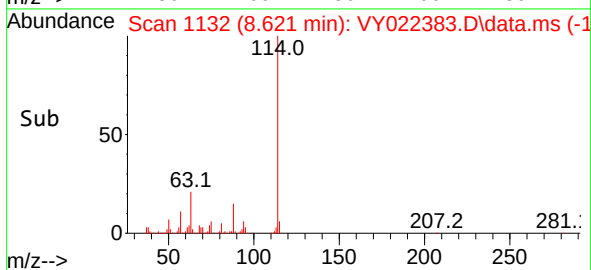
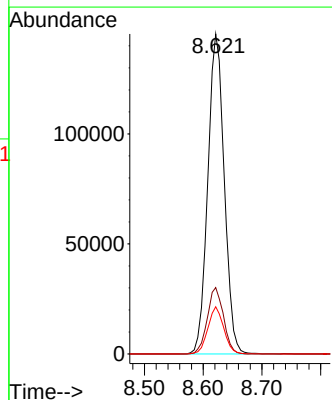
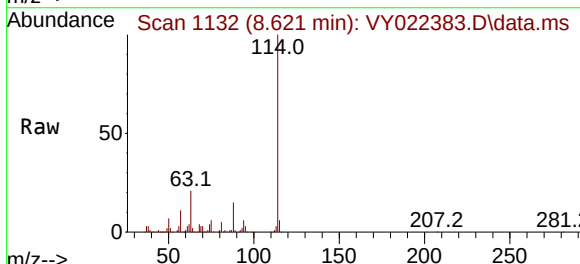
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01

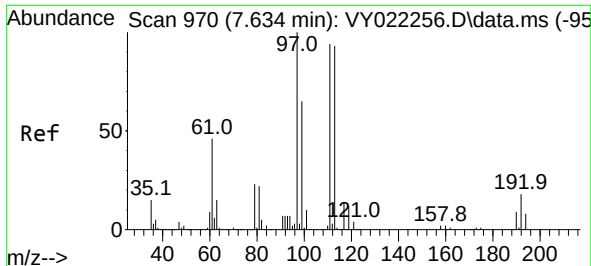
Tgt Ion: 65 Resp: 91305
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.621 min Scan# 1132
 Delta R.T. 0.006 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

Tgt Ion:114 Resp: 283052
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.0
 88 14.8 0.0 29.4

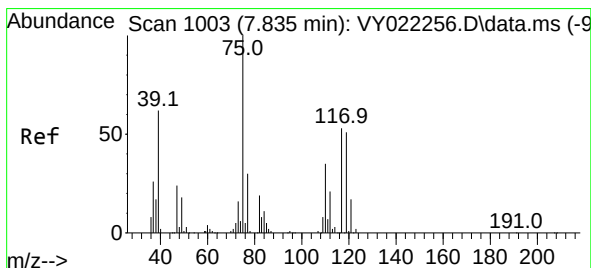
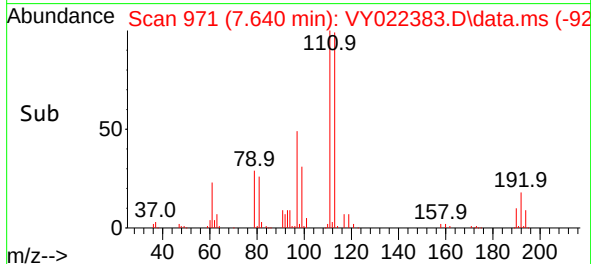
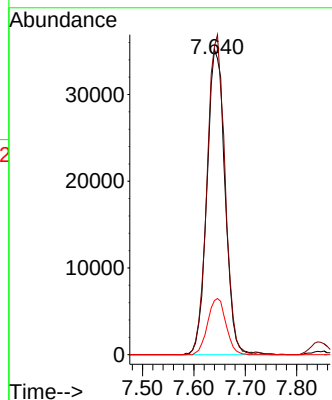
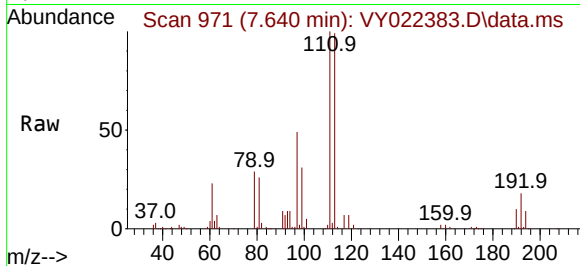




#35
Dibromofluoromethane
Concen: 50.978 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

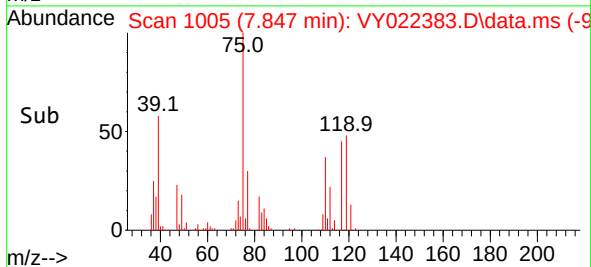
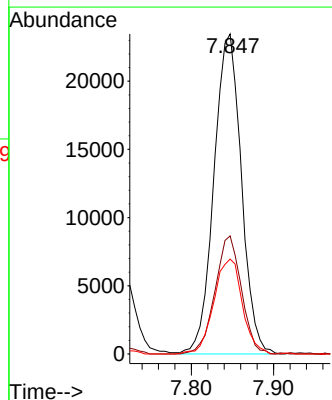
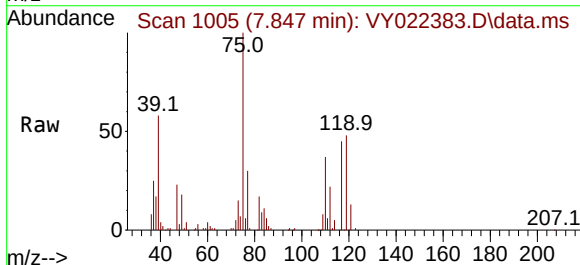
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

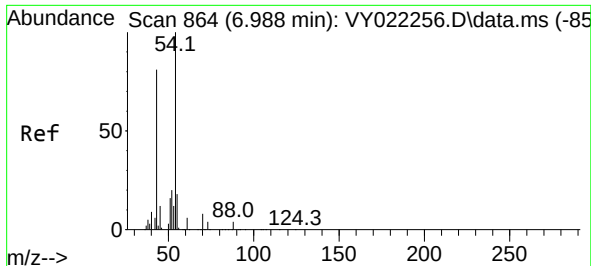
Tgt Ion:113 Resp: 86124
Ion Ratio Lower Upper
113 100
111 103.4 82.6 123.8
192 18.6 15.2 22.8



#36
1,1-Dichloropropene
Concen: 19.537 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 75 Resp: 54364
Ion Ratio Lower Upper
75 100
110 35.4 16.6 49.8
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 20.333 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBS01

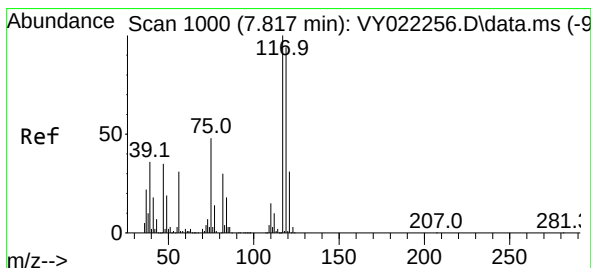
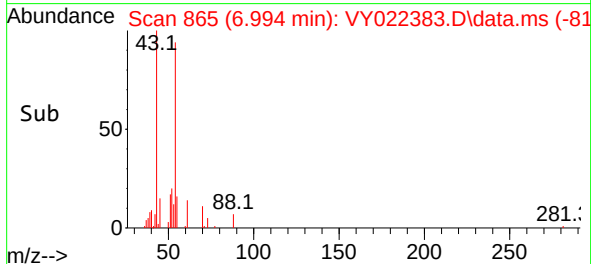
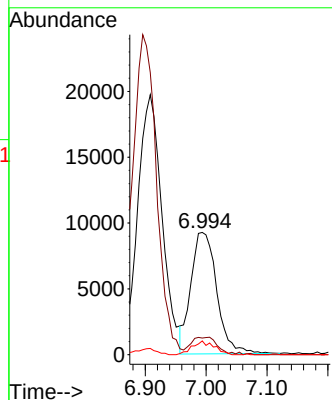
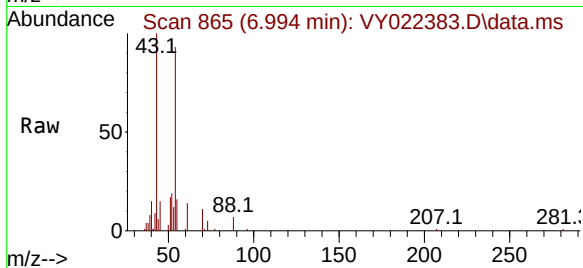
Tgt Ion: 43 Resp: 27223

Ion Ratio Lower Upper

43 100

61 15.0 10.2 15.2

70 9.5 7.6 11.4



#38

Carbon Tetrachloride

Concen: 19.539 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

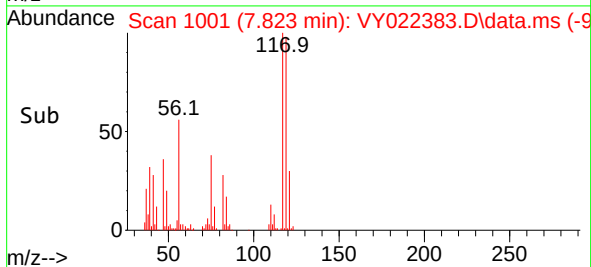
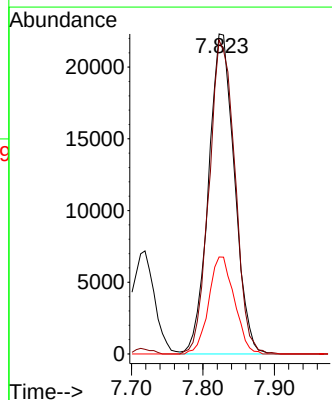
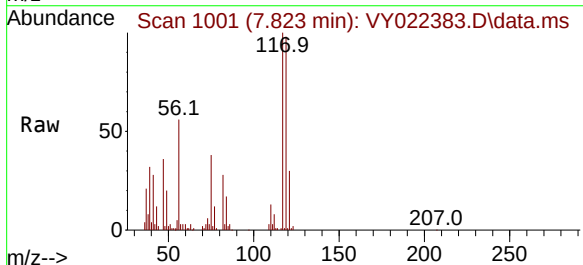
Tgt Ion: 117 Resp: 56279

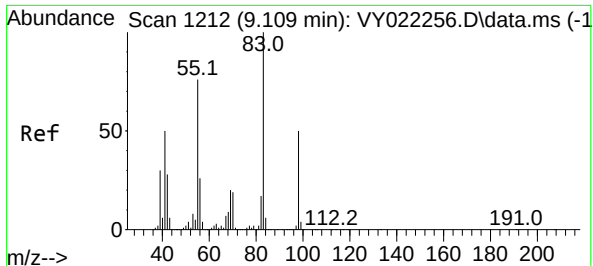
Ion Ratio Lower Upper

117 100

119 98.1 75.3 112.9

121 30.3 24.7 37.1





#39

Methylcyclohexane

Concen: 19.561 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

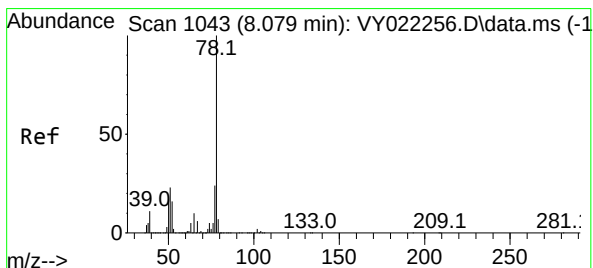
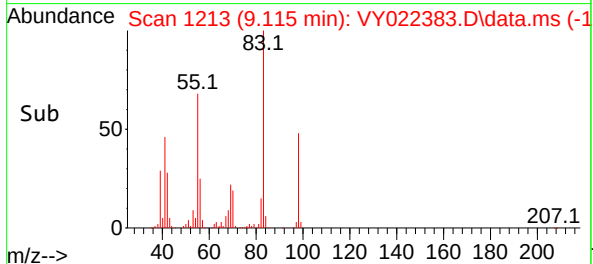
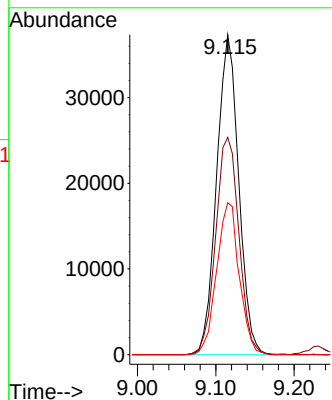
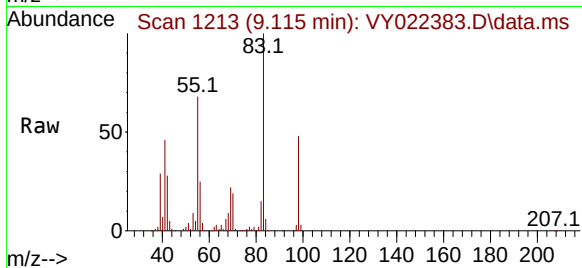
Tgt Ion: 83 Resp: 73130

Ion Ratio Lower Upper

83 100

55 67.9 60.6 90.8

98 47.5 40.0 60.0



#40

Benzene

Concen: 20.124 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.012 min

Lab File: VY022383.D

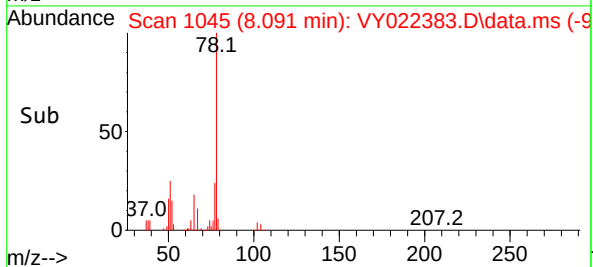
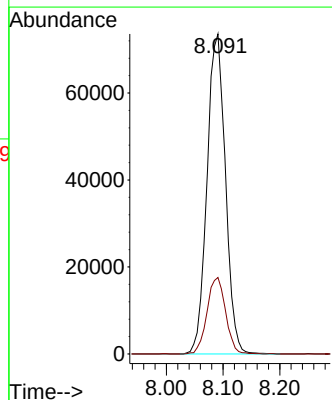
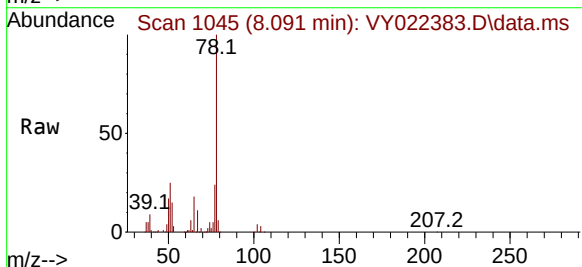
Acq: 22 May 2025 09:59

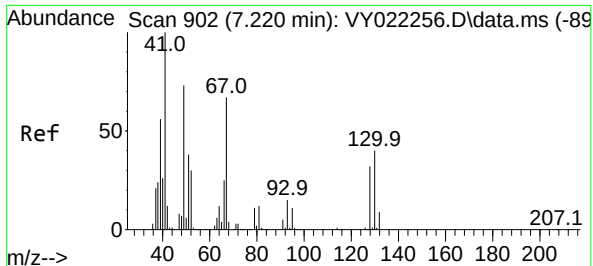
Tgt Ion: 78 Resp: 166008

Ion Ratio Lower Upper

78 100

77 23.9 18.9 28.3

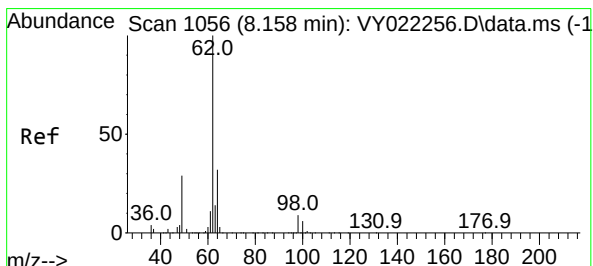
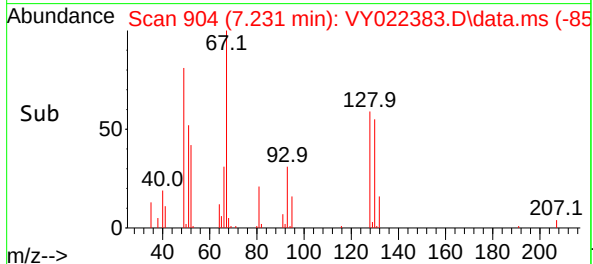
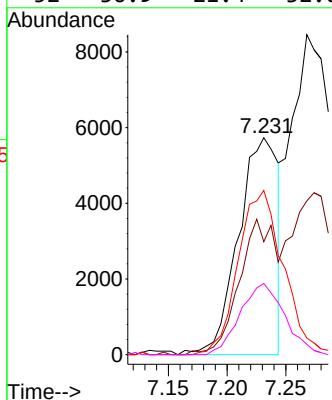
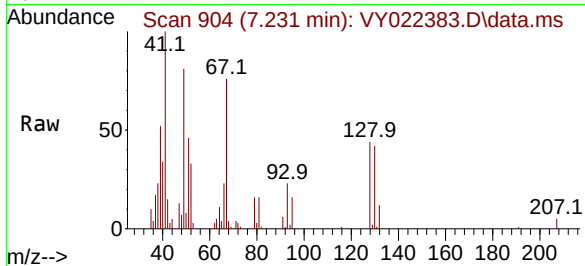




#41
Methacrylonitrile
Concen: 15.074 ug/l
RT: 7.231 min Scan# 902
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

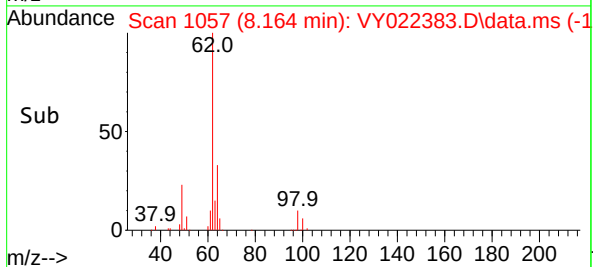
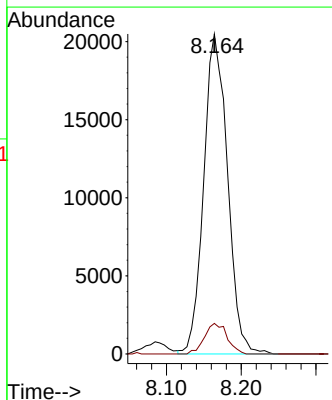
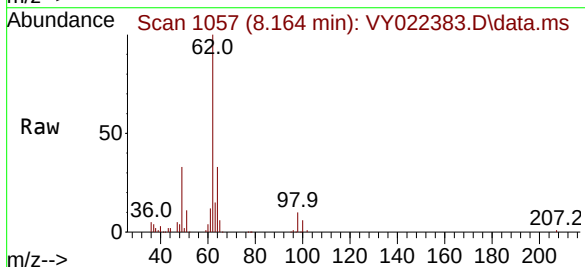
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

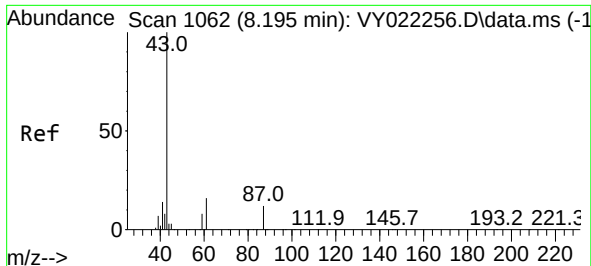
Tgt Ion:	41	Resp:	13388
Ion	Ratio	Lower	Upper
41	100		
39	57.6	39.1	58.7
67	87.4	47.1	70.7#
52	36.9	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 20.330 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion:	62	Resp:	45353
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4

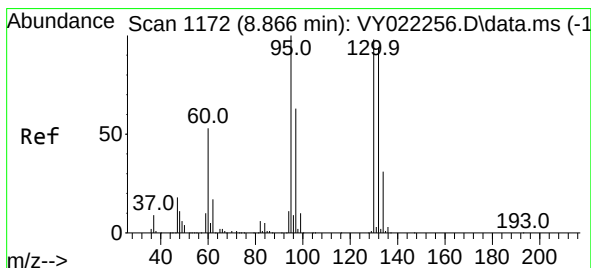
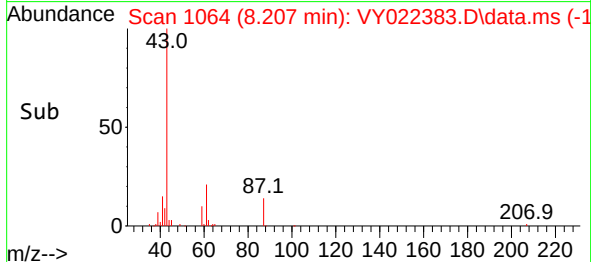
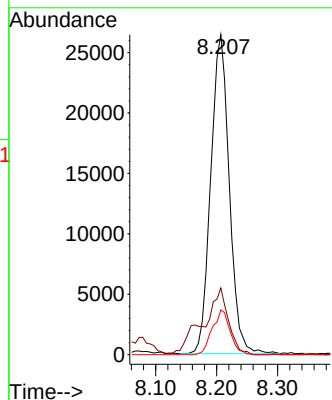
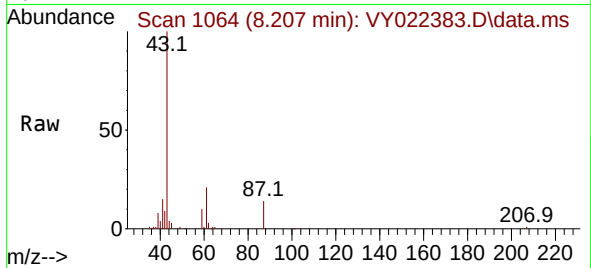




#43
Isopropyl Acetate
Concen: 19.101 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

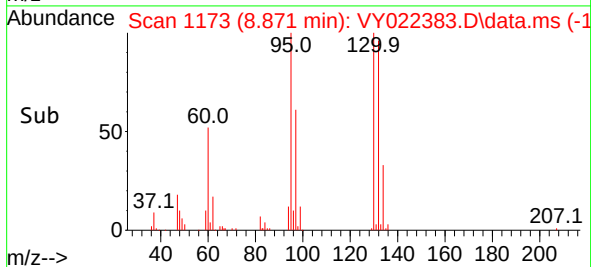
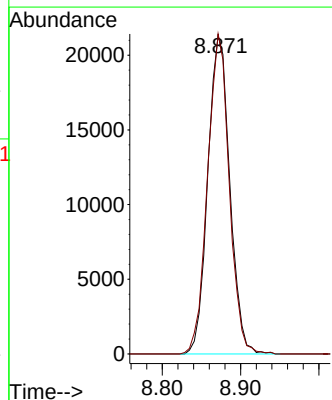
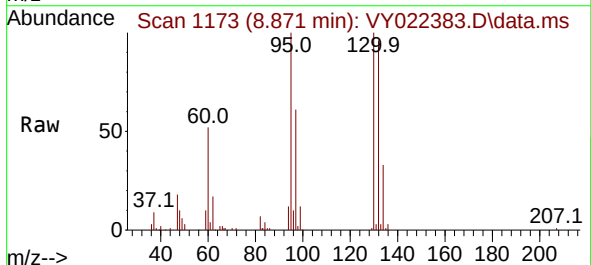
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBS01

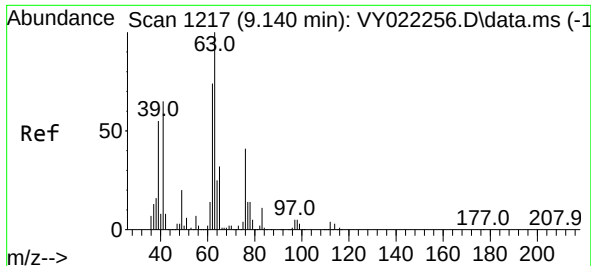
Tgt Ion: 43 Resp: 55775
Ion Ratio Lower Upper
43 100
61 18.7 15.1 22.7
87 13.5 9.7 14.5



#44
Trichloroethene
Concen: 20.257 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion:130 Resp: 41551
Ion Ratio Lower Upper
130 100
95 100.5 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.675 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

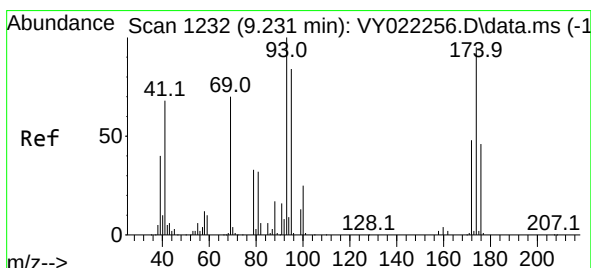
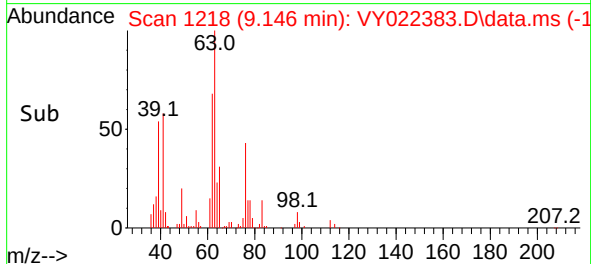
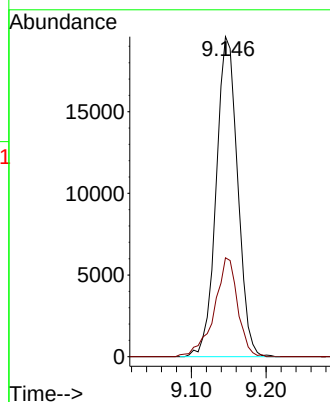
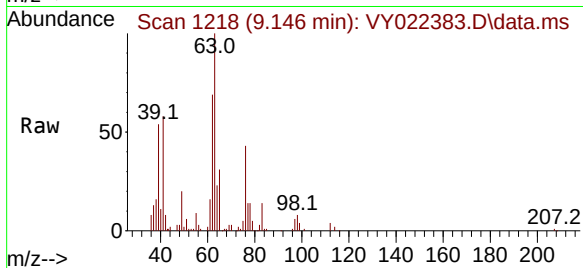
VY0522SBSD01

Tgt Ion: 63 Resp: 39131

Ion Ratio Lower Upper

63 100

65 30.9 25.7 38.5



#46

Dibromomethane

Concen: 20.805 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

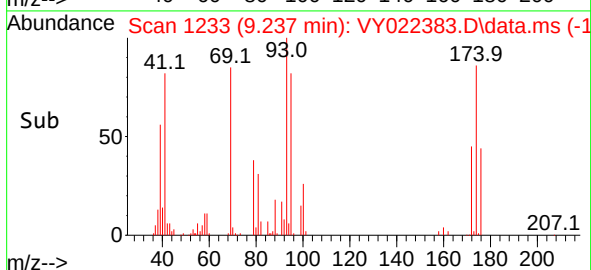
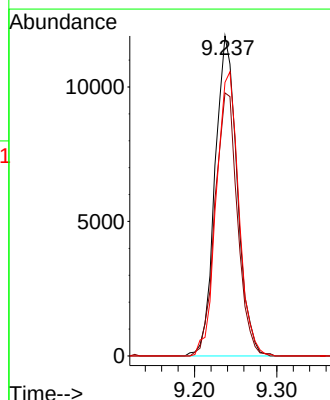
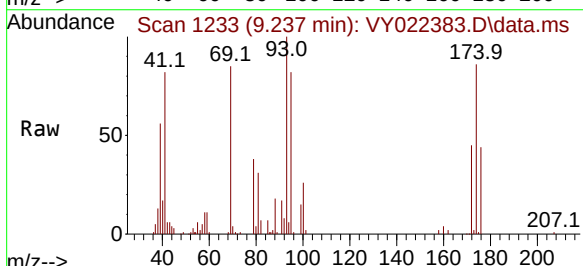
Tgt Ion: 93 Resp: 22317

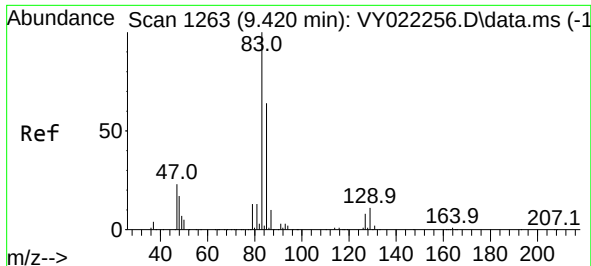
Ion Ratio Lower Upper

93 100

95 83.2 65.2 97.8

174 89.6 74.3 111.5

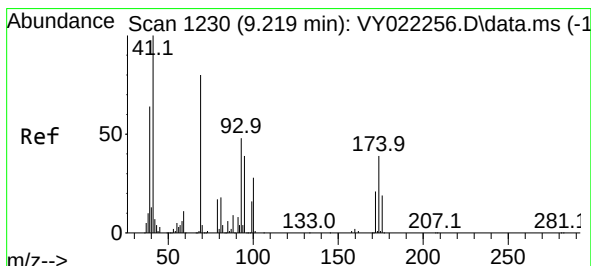
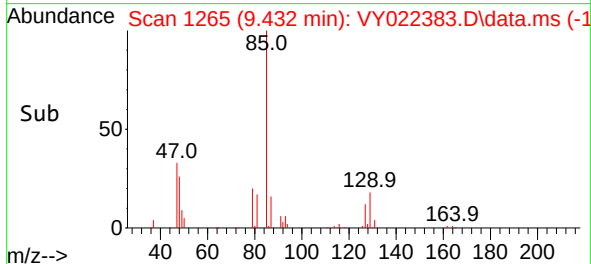
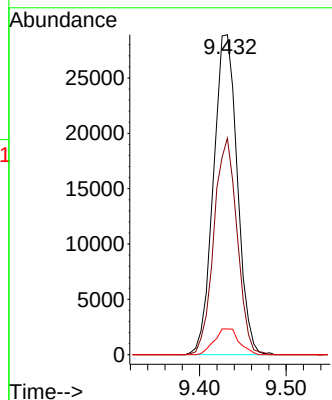
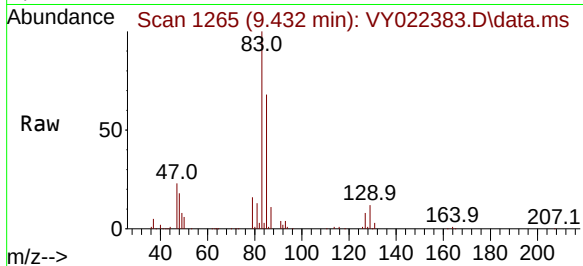




#47
Bromodichloromethane
Concen: 19.900 ug/l
RT: 9.432 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

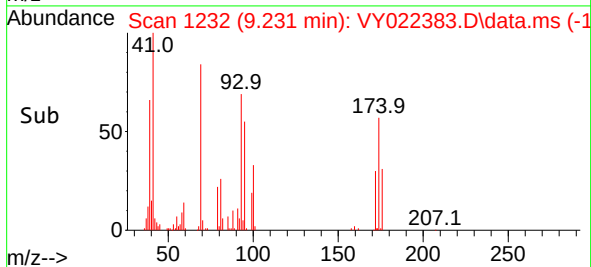
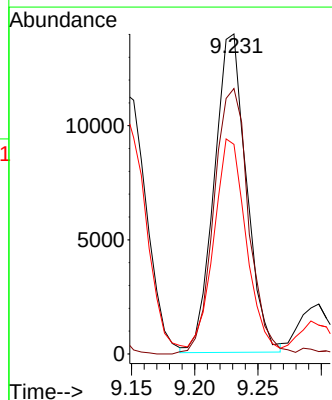
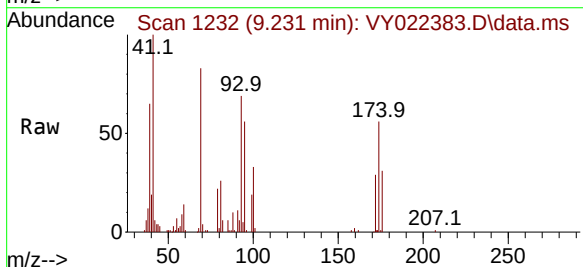
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

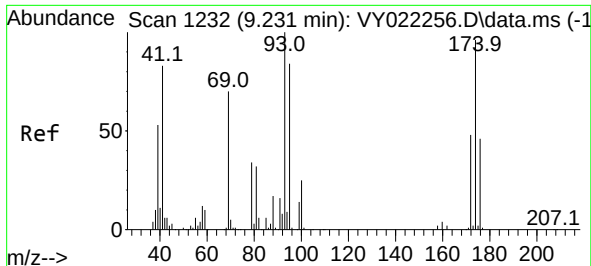
Tgt Ion: 83 Resp: 55379
Ion Ratio Lower Upper
83 100
85 67.7 51.1 76.7
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 18.137 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 41 Resp: 24767
Ion Ratio Lower Upper
41 100
69 89.4 63.5 95.3
39 64.7 50.8 76.2





#49

1,4-Dioxane

Concen: 418.379 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

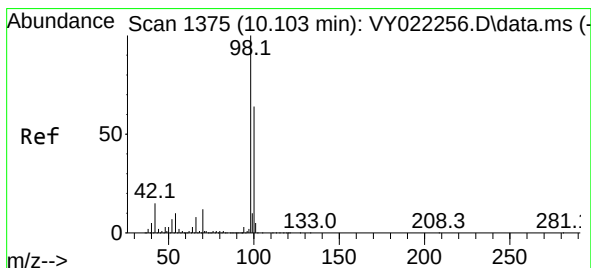
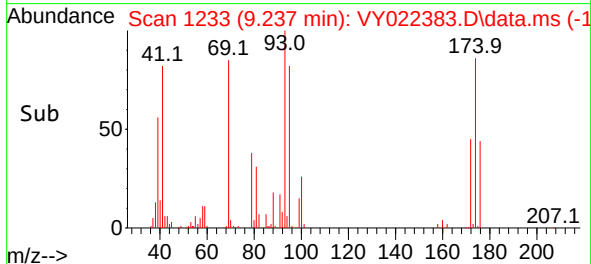
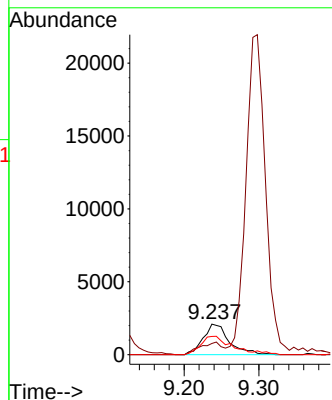
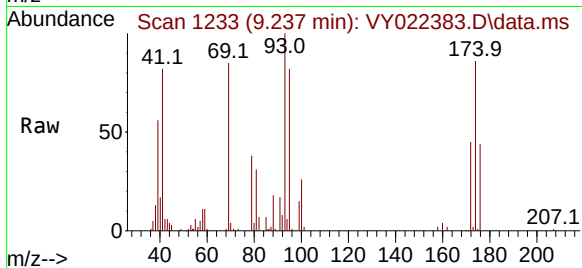
Tgt Ion: 88 Resp: 5070

Ion Ratio Lower Upper

88 100

43 35.6 28.5 42.7

58 68.2 61.4 92.2



#50

Toluene-d8

Concen: 49.856 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.012 min

Lab File: VY022383.D

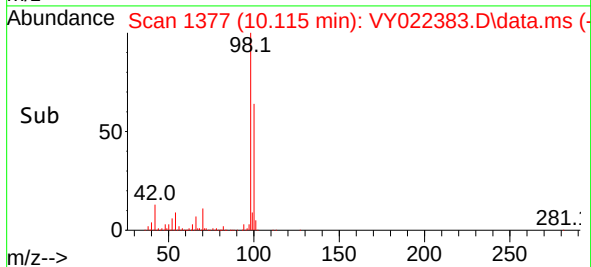
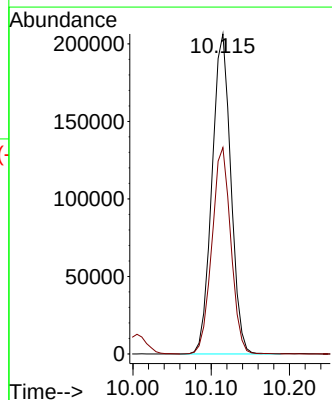
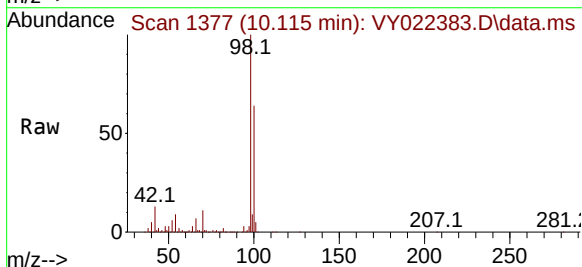
Acq: 22 May 2025 09:59

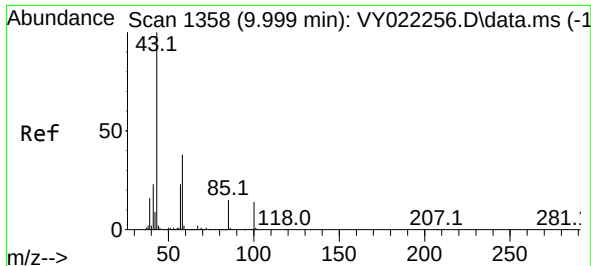
Tgt Ion: 98 Resp: 344960

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8

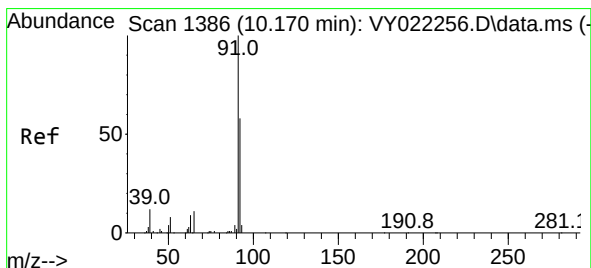
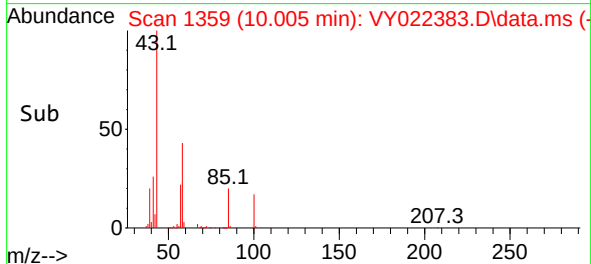
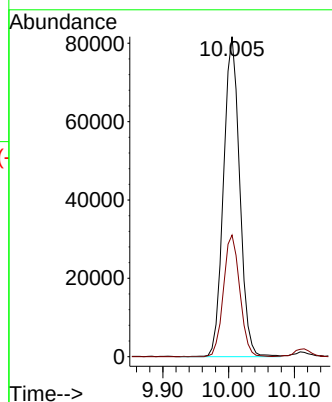
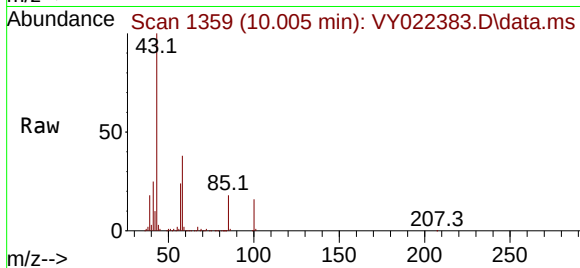




#51
4-Methyl-2-Pentanone
Concen: 97.604 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

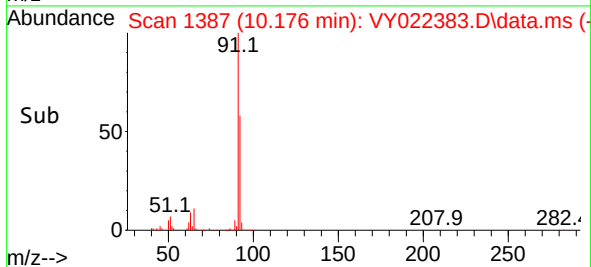
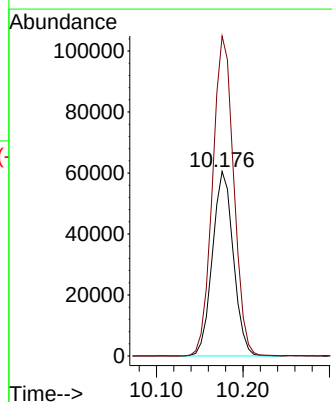
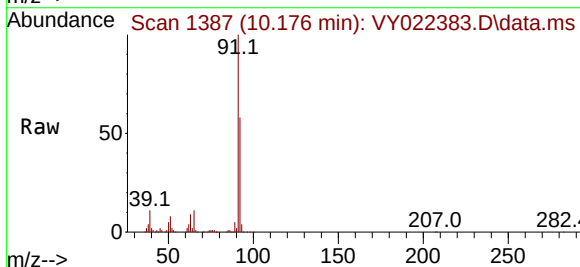
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

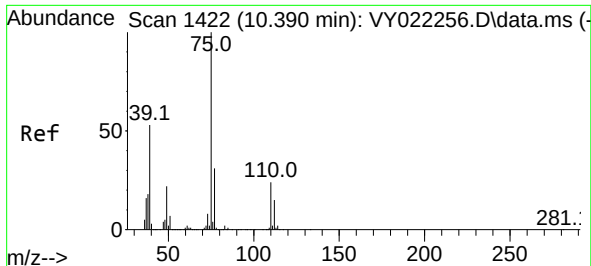
Tgt Ion: 43 Resp: 139840
Ion Ratio Lower Upper
43 100
58 38.5 29.4 44.2



#52
Toluene
Concen: 19.375 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 92 Resp: 101209
Ion Ratio Lower Upper
92 100
91 175.8 139.1 208.7

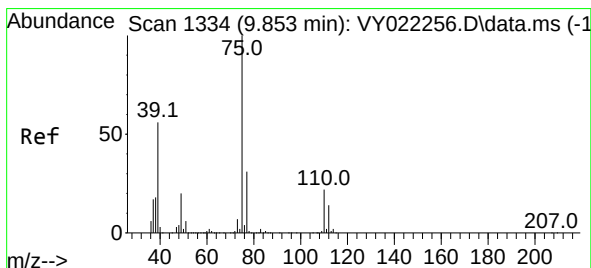
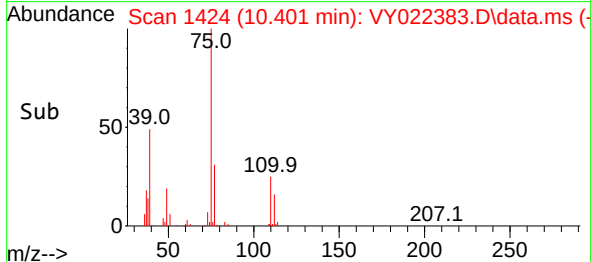
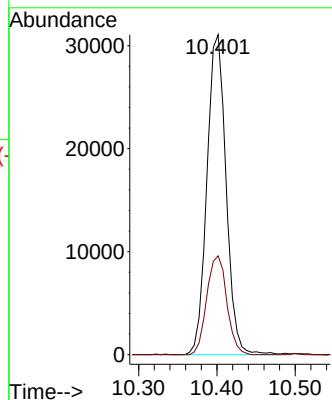
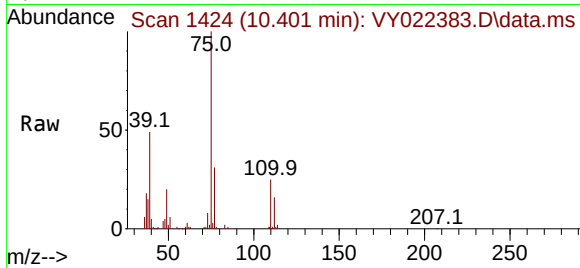




#53
 t-1,3-Dichloropropene
 Concen: 19.383 ug/l
 RT: 10.401 min Scan# 1422
 Delta R.T. 0.012 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

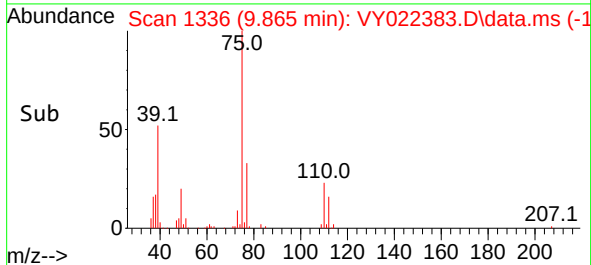
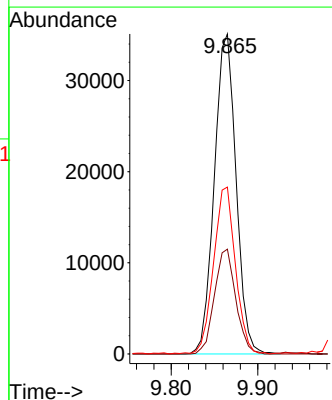
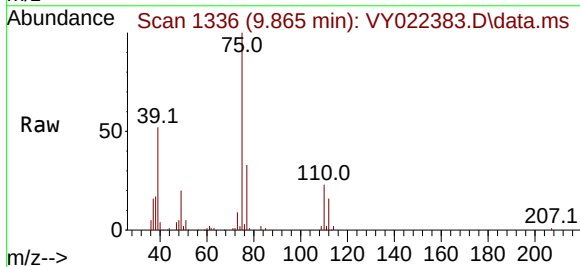
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01

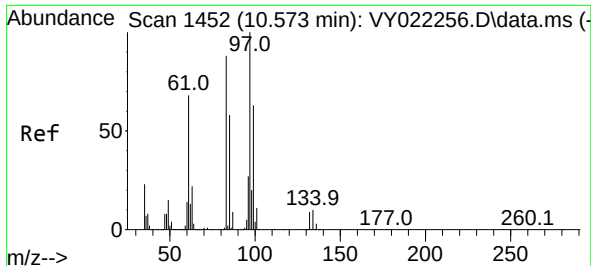
Tgt Ion: 75 Resp: 52641
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.697 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.012 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

Tgt Ion: 75 Resp: 61287
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.1 37.7
 39 52.0 44.5 66.7

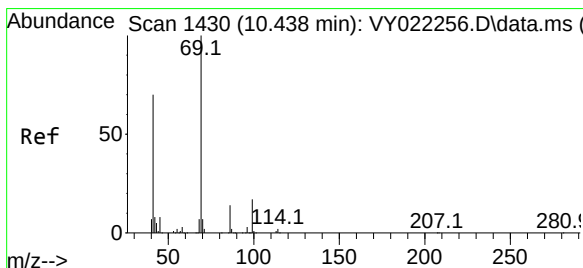
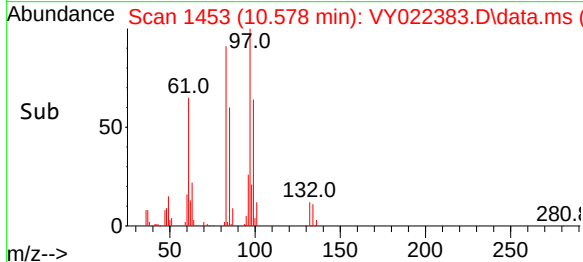
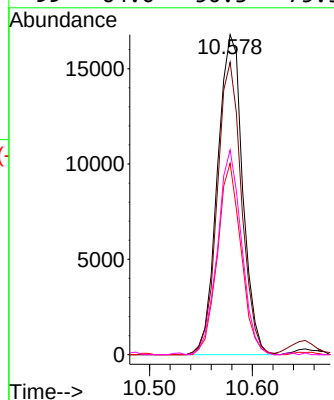
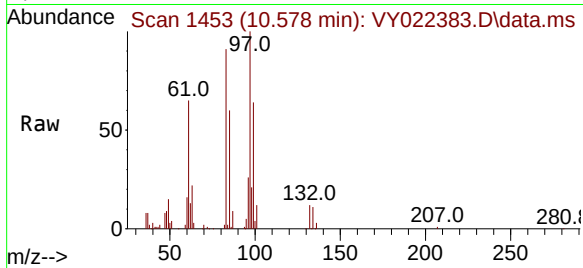




#55
 1,1,2-Trichloroethane
 Concen: 20.813 ug/l
 RT: 10.578 min Scan# 1452
 Delta R.T. 0.006 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

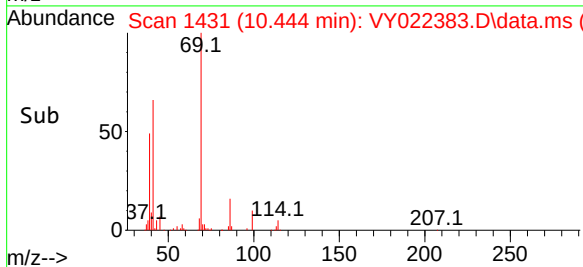
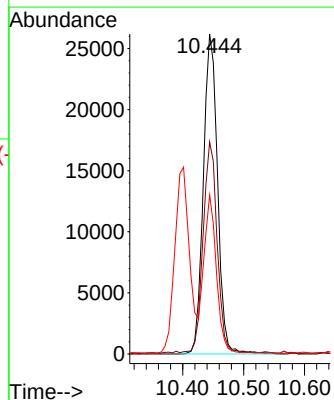
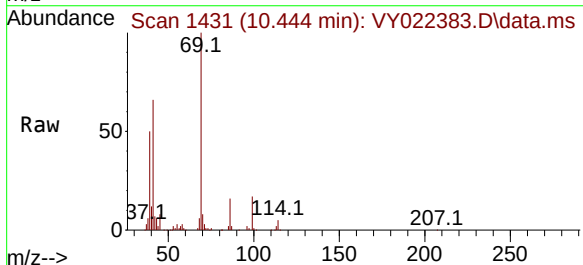
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01

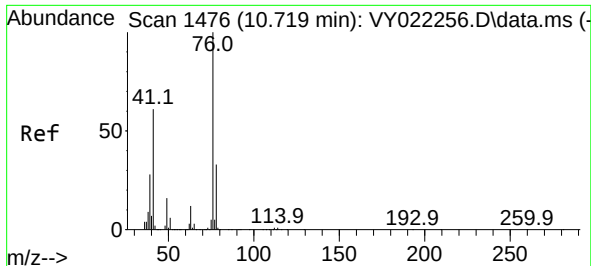
Tgt Ion:	97	Resp:	28589
Ion	Ratio	Lower	Upper
97	100		
83	91.4	70.3	105.5
85	59.9	46.2	69.4
99	64.0	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 19.818 ug/l
 RT: 10.444 min Scan# 1431
 Delta R.T. 0.006 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

Tgt Ion:	69	Resp:	42404
Ion	Ratio	Lower	Upper
69	100		
41	64.8	56.5	84.7
39	42.9	37.1	55.7





#57

1,3-Dichloropropane

Concen: 20.692 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

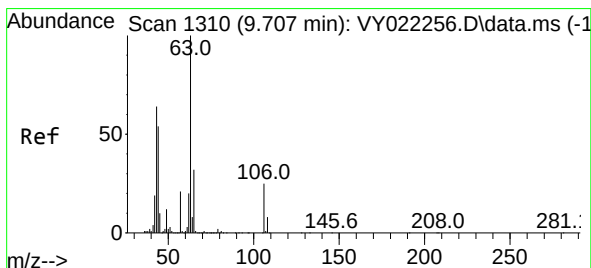
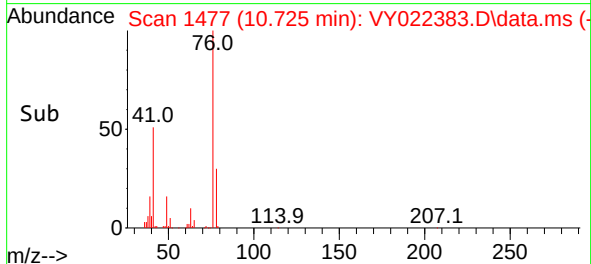
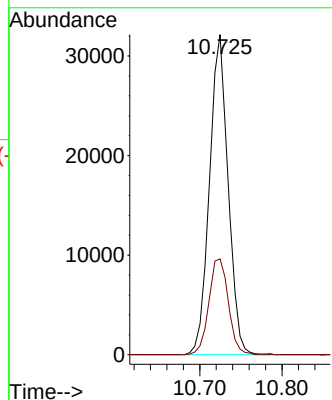
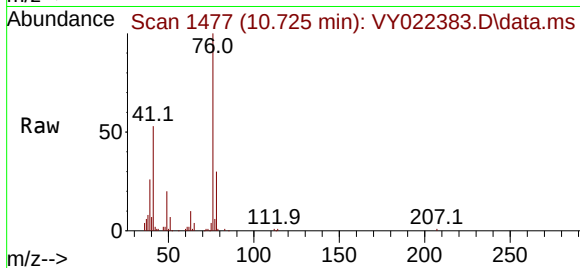
VY0522SBSD01

Tgt Ion: 76 Resp: 50499

Ion Ratio Lower Upper

76 100

78 31.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 87.274 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.012 min

Lab File: VY022383.D

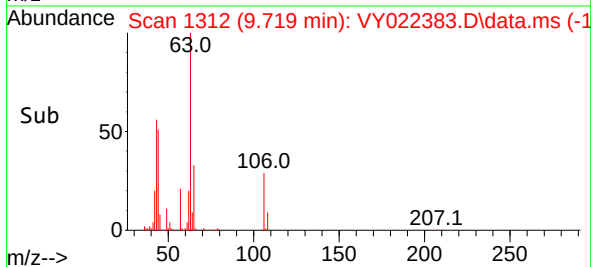
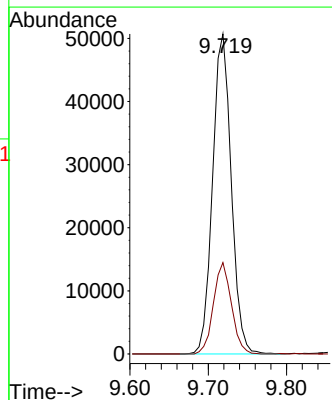
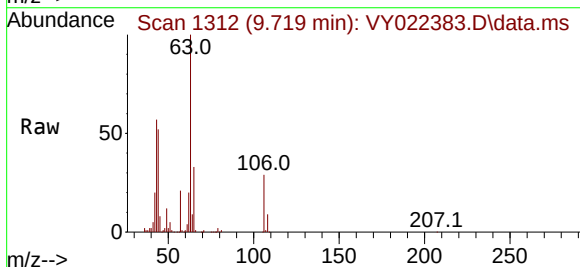
Acq: 22 May 2025 09:59

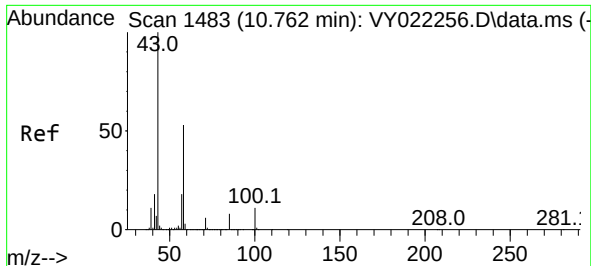
Tgt Ion: 63 Resp: 83817

Ion Ratio Lower Upper

63 100

106 27.5 21.0 31.4





#59

2-Hexanone

Concen: 95.660 ug/l

RT: 10.767 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

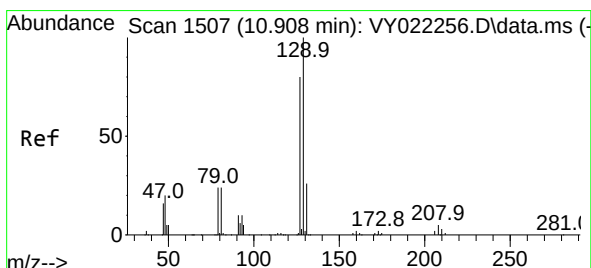
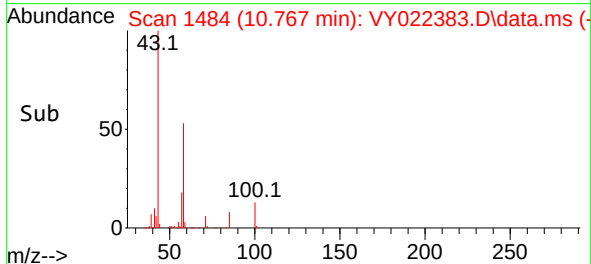
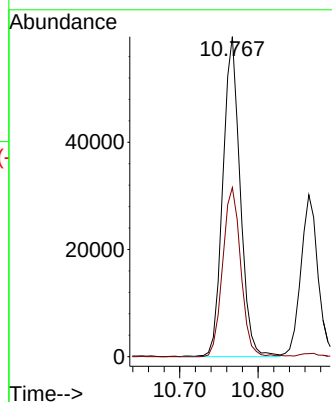
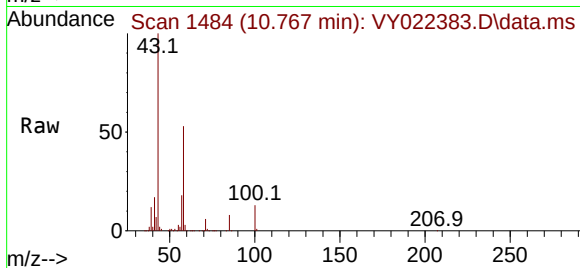
VY0522SBSD01

Tgt Ion: 43 Resp: 91893

Ion Ratio Lower Upper

43 100

58 55.2 26.1 78.3



#60

Dibromochloromethane

Concen: 20.356 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.012 min

Lab File: VY022383.D

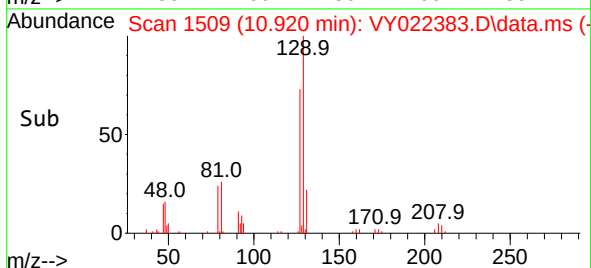
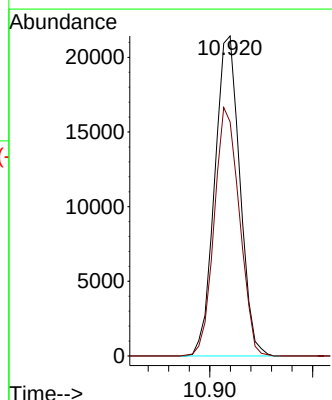
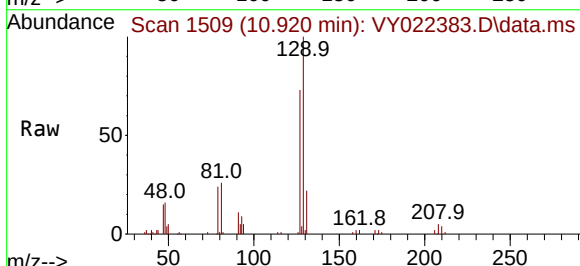
Acq: 22 May 2025 09:59

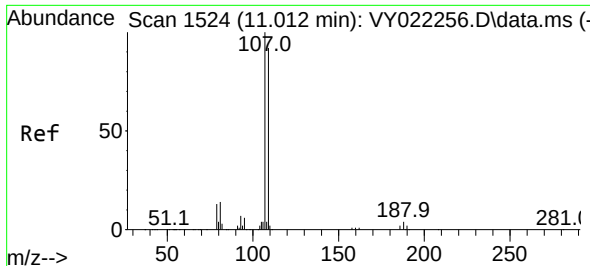
Tgt Ion:129 Resp: 36293

Ion Ratio Lower Upper

129 100

127 77.9 38.6 115.7

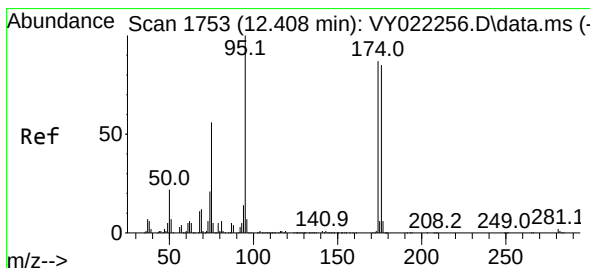
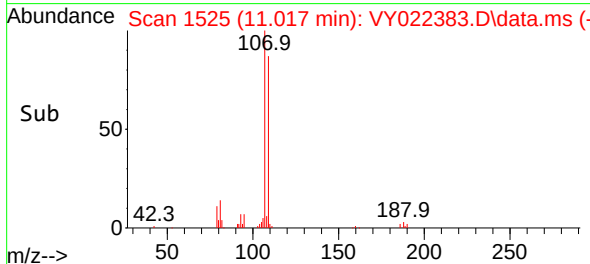
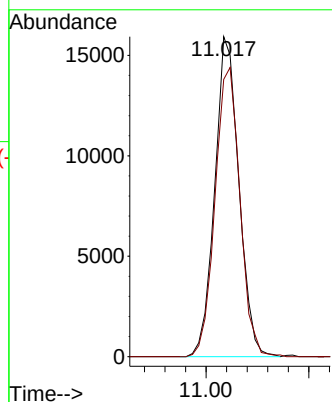
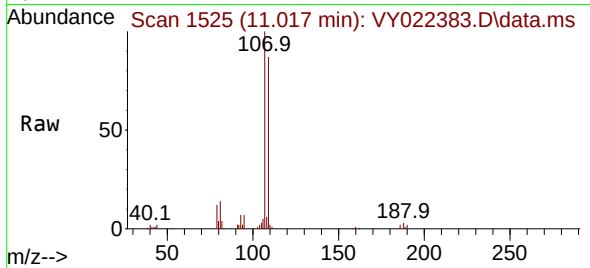




#61
1,2-Dibromoethane
Concen: 20.248 ug/l
RT: 11.017 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

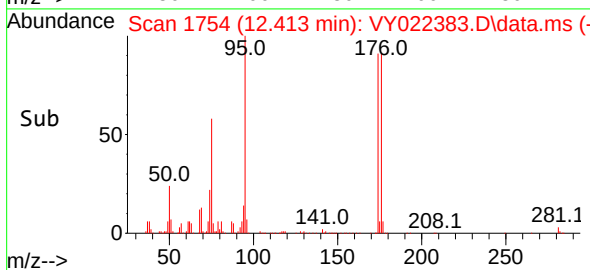
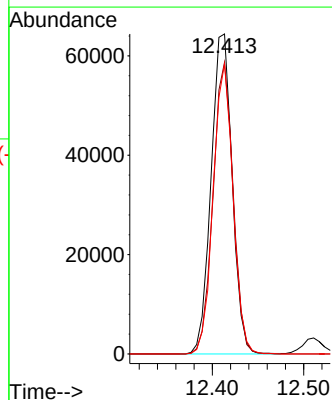
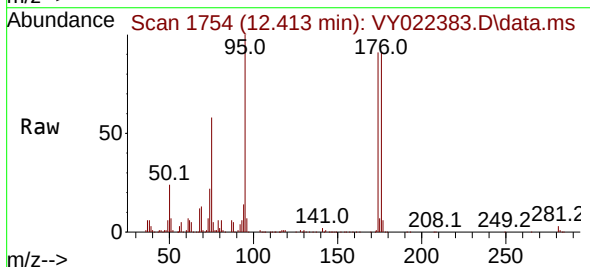
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

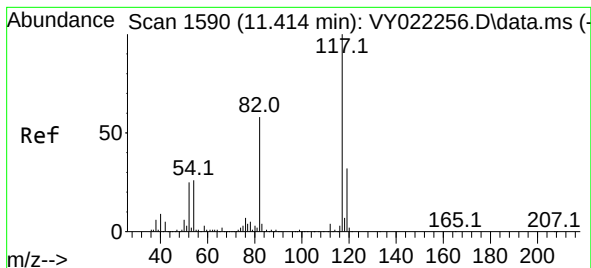
Tgt Ion:107 Resp: 25923
Ion Ratio Lower Upper
107 100
109 93.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 47.068 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 95 Resp: 103227
Ion Ratio Lower Upper
95 100
174 86.8 0.0 166.8
176 85.4 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: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

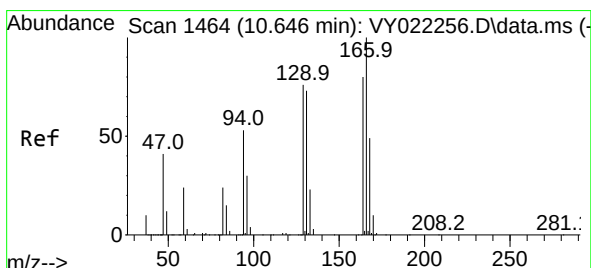
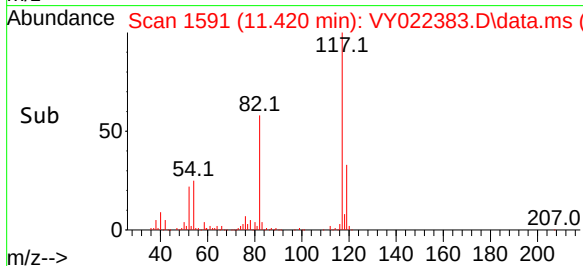
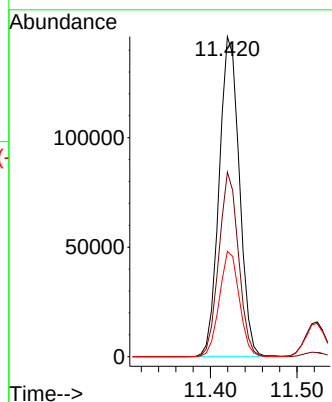
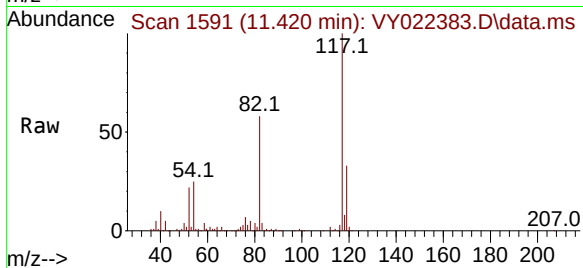
Tgt Ion:117 Resp: 236945

Ion Ratio Lower Upper

117 100

82 57.7 46.6 70.0

119 32.9 25.8 38.6



#64

Tetrachloroethene

Concen: 20.889 ug/l

RT: 10.651 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Tgt Ion:164 Resp: 45749

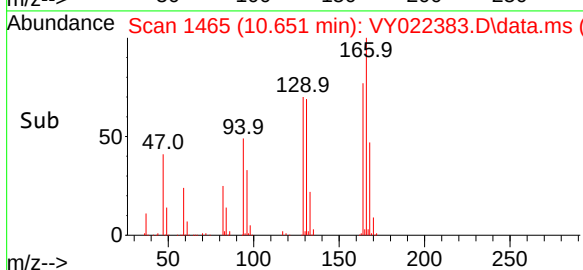
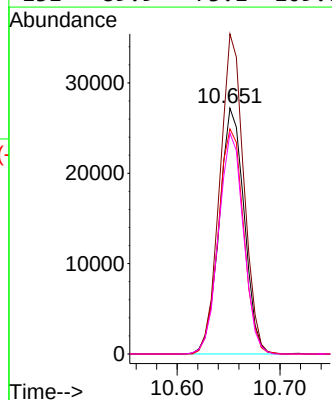
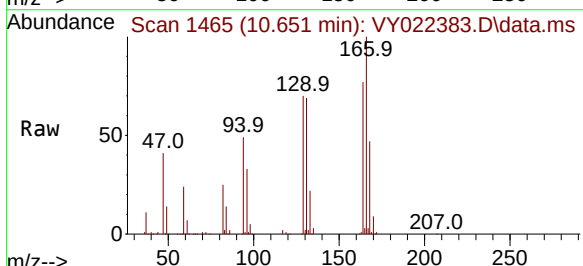
Ion Ratio Lower Upper

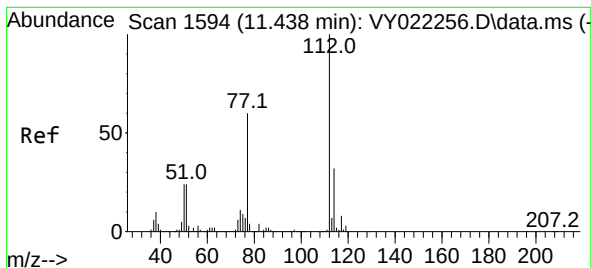
164 100

166 130.2 100.4 150.6

129 91.6 76.4 114.6

131 89.9 73.1 109.7





#65

Chlorobenzene

Concen: 20.365 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

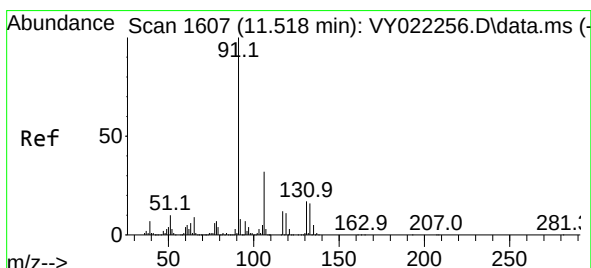
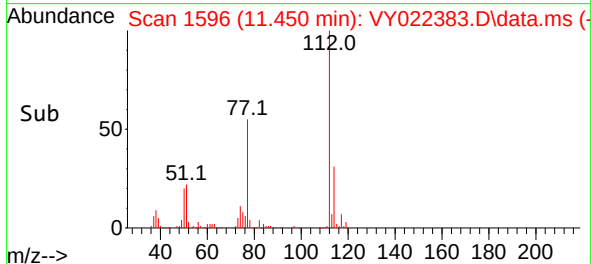
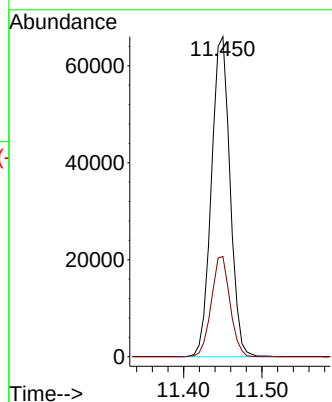
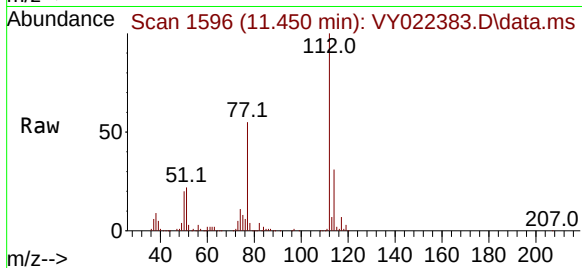
VY0522SBSD01

Tgt Ion:112 Resp: 108867

Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.072 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

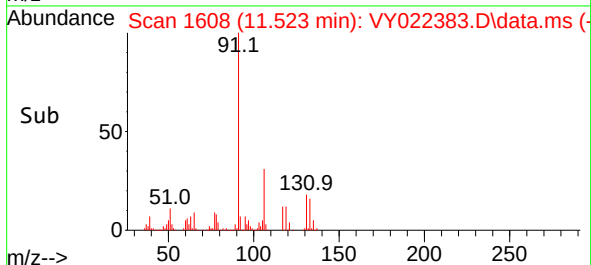
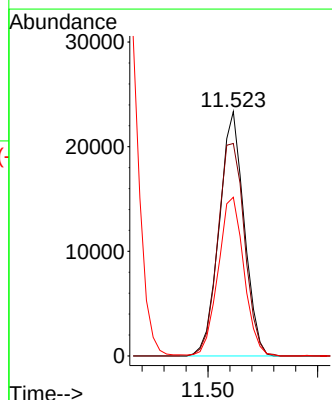
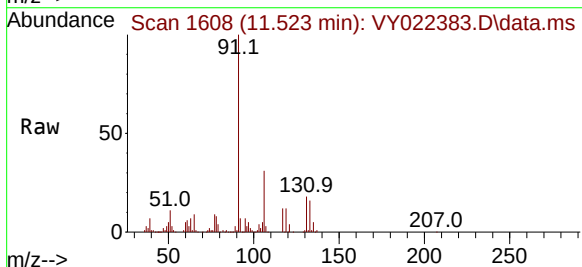
Tgt Ion:131 Resp: 36887

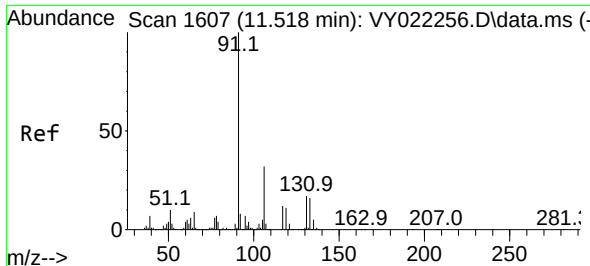
Ion Ratio Lower Upper

131 100

133 93.6 47.3 141.9

119 67.2 33.1 99.2





#67

Ethyl Benzene

Concen: 19.596 ug/l

RT: 11.523 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

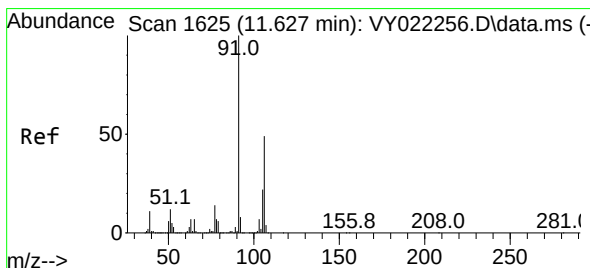
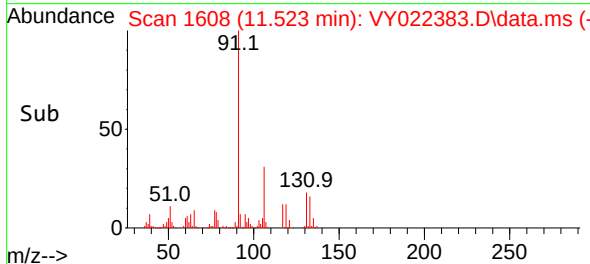
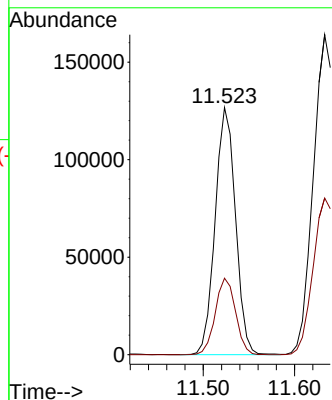
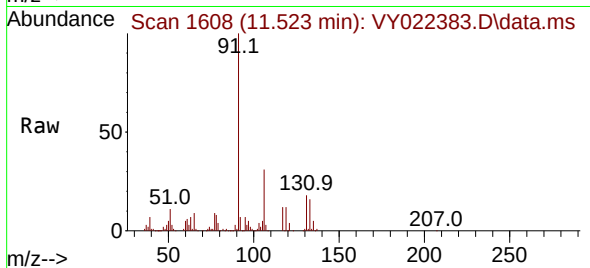
VY0522SBSD01

Tgt Ion: 91 Resp: 196186

Ion Ratio Lower Upper

91 100

106 31.0 25.4 38.0



#68

m/p-Xylenes

Concen: 39.722 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022383.D

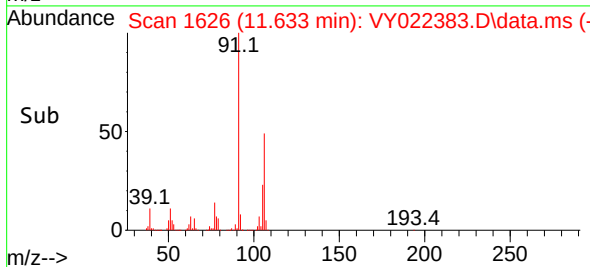
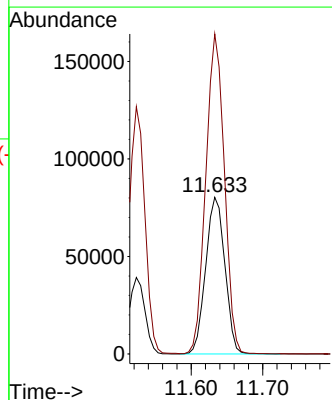
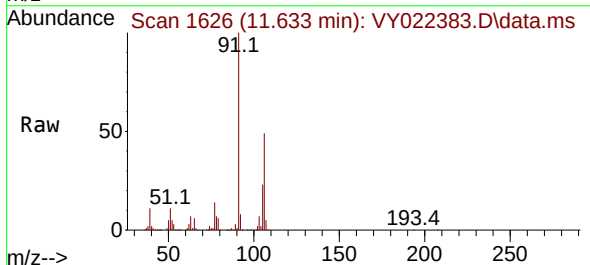
Acq: 22 May 2025 09:59

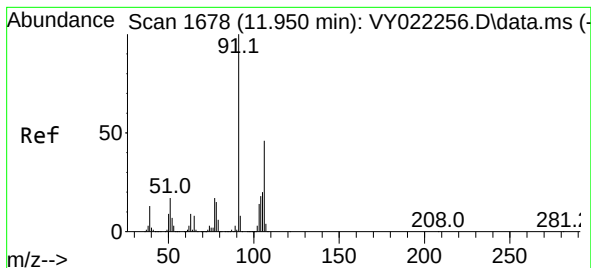
Tgt Ion:106 Resp: 149849

Ion Ratio Lower Upper

106 100

91 197.5 163.0 244.4





#69

o-Xylene

Concen: 19.838 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

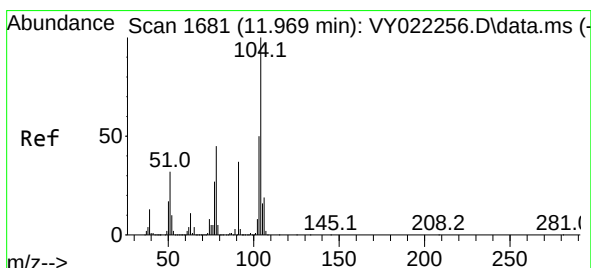
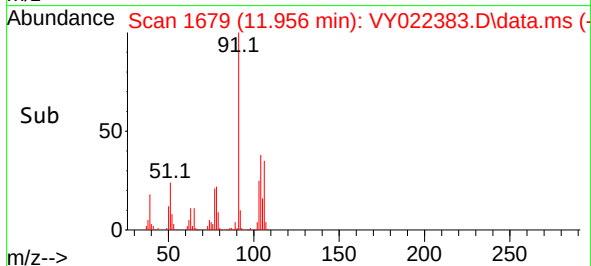
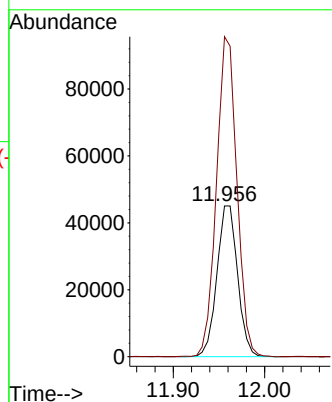
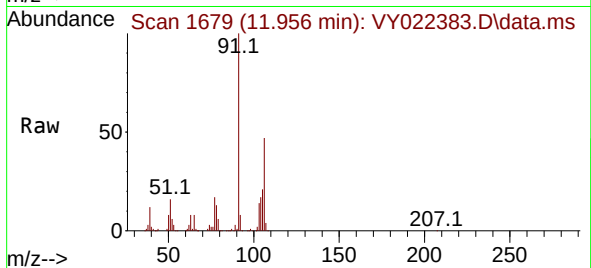
VY0522SBSD01

Tgt Ion:106 Resp: 70807

Ion Ratio Lower Upper

106 100

91 210.0 108.3 324.8



#70

Styrene

Concen: 19.899 ug/l

RT: 11.974 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

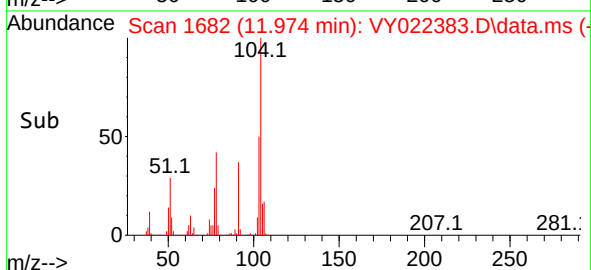
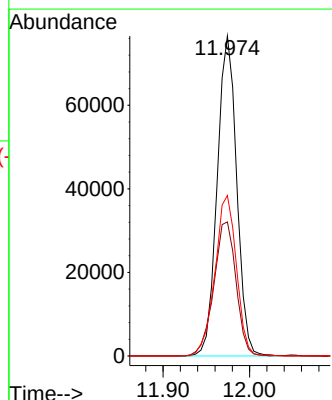
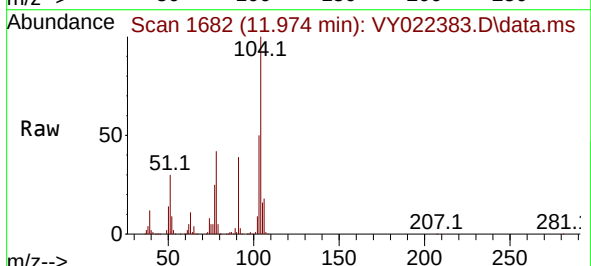
Tgt Ion:104 Resp: 119807

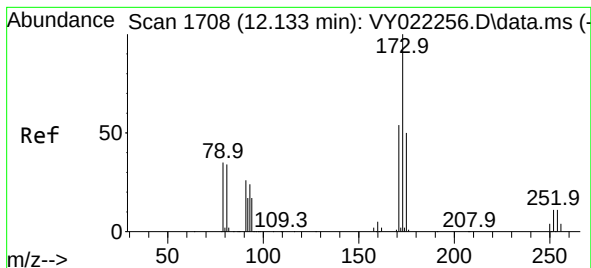
Ion Ratio Lower Upper

104 100

78 47.8 40.9 61.3

103 55.3 43.7 65.5





#71

Bromoform

Concen: 20.810 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

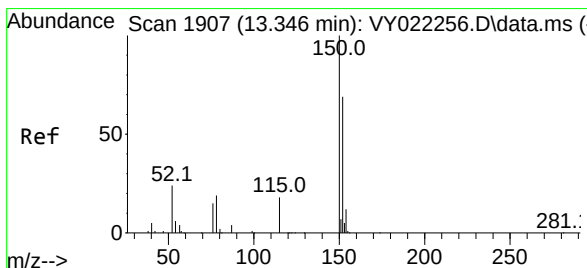
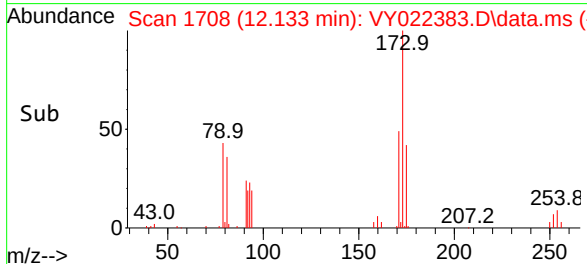
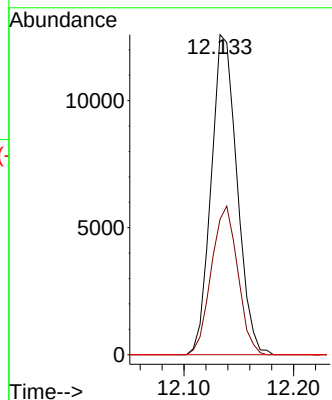
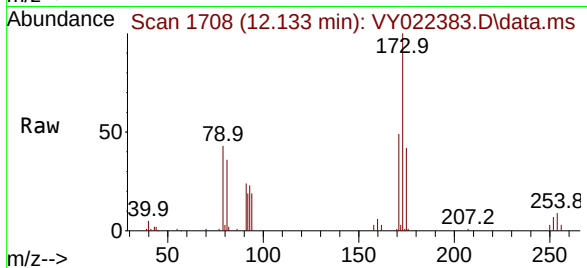
Tgt Ion:173 Resp: 20642

Ion Ratio Lower Upper

173 100

175 47.4 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

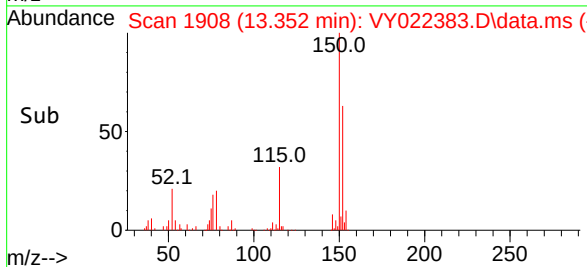
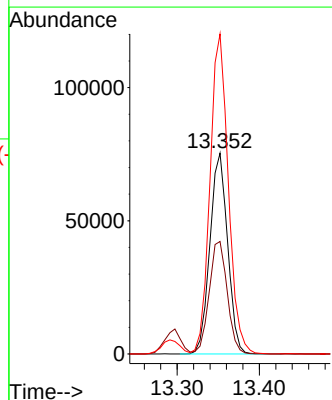
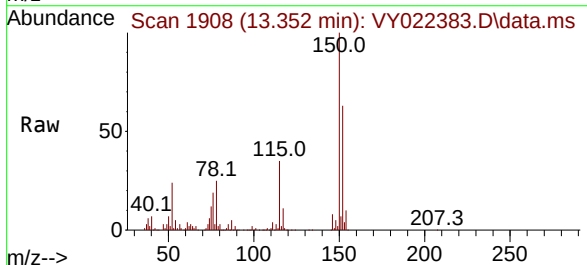
Tgt Ion:152 Resp: 112772

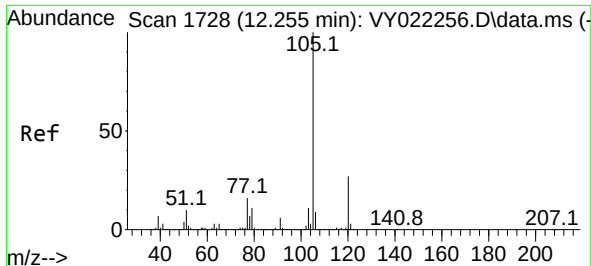
Ion Ratio Lower Upper

152 100

115 57.2 29.4 88.2

150 164.6 0.0 353.8

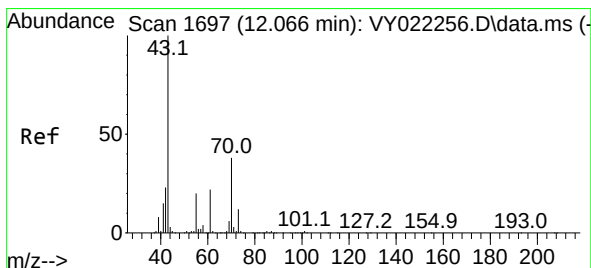
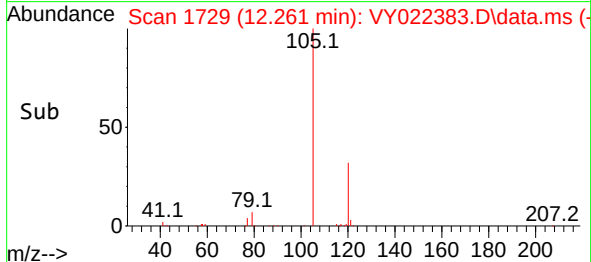
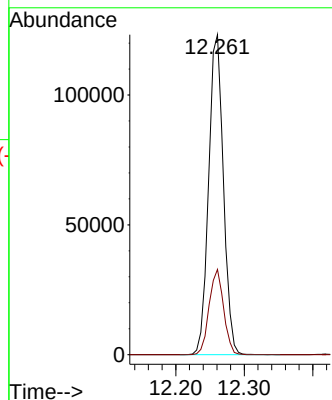
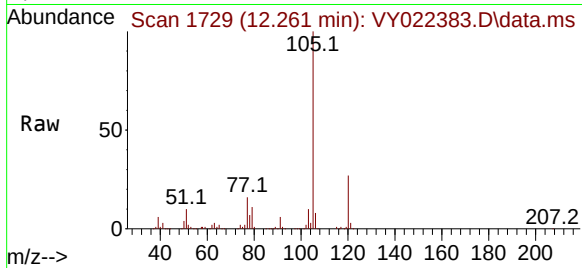




#73
Isopropylbenzene
Concen: 19.712 ug/l
RT: 12.261 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

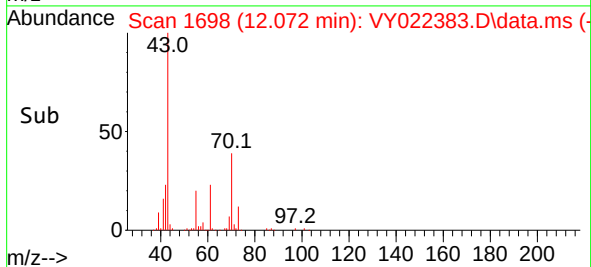
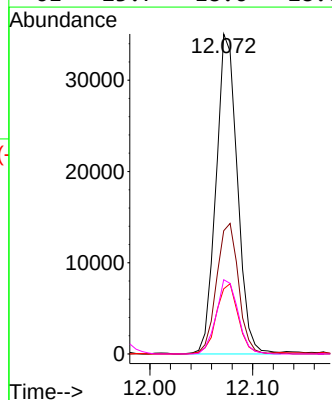
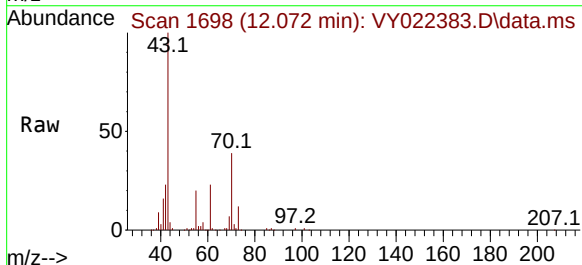
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

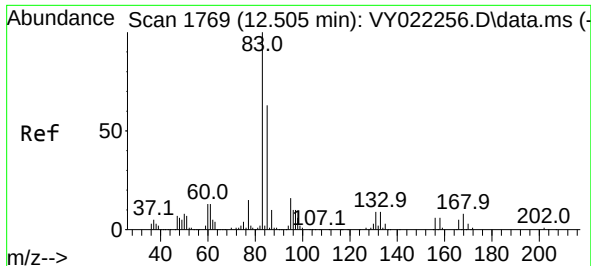
Tgt Ion:105 Resp: 184158
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#74
N-ethyl acetate
Concen: 18.922 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 43 Resp: 50559
Ion Ratio Lower Upper
43 100
70 42.1 31.4 47.0
55 22.5 17.0 25.6
61 23.7 18.6 28.0

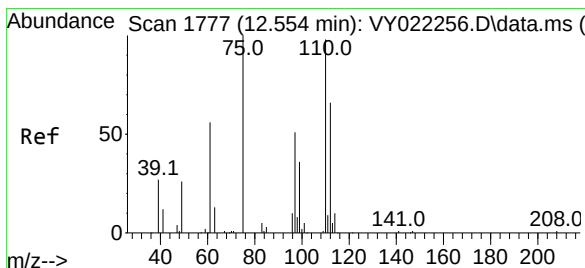
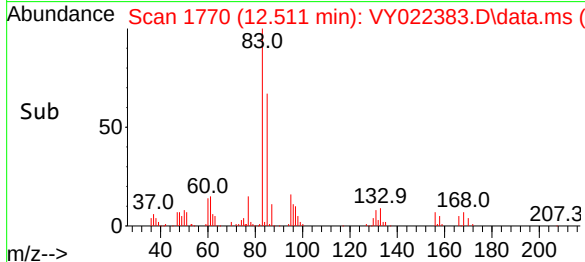
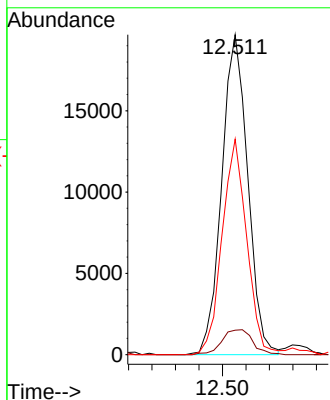
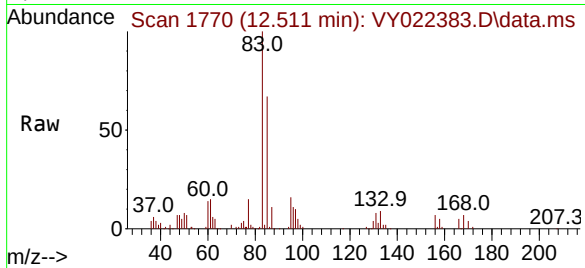




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.069 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.006 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

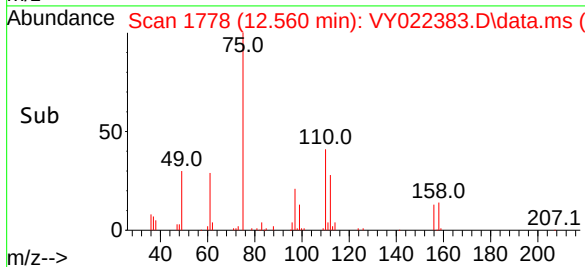
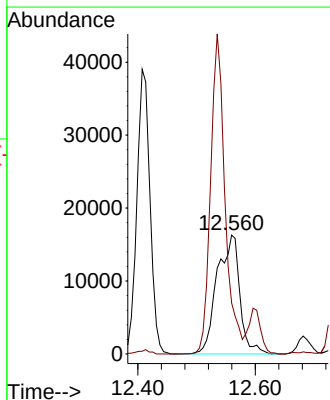
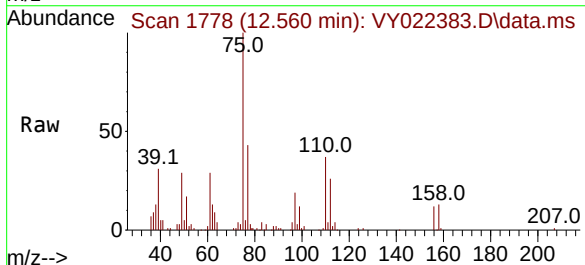
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01

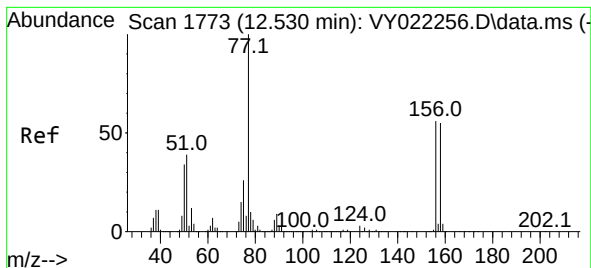
Tgt Ion: 83 Resp: 30272
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.9 14.7
 85 63.7 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 38.340 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

Tgt Ion: 75 Resp: 43803
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.008 ug/l

RT: 12.535 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

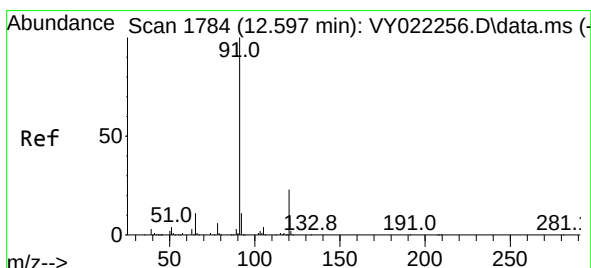
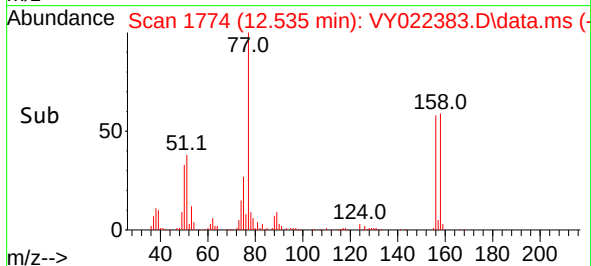
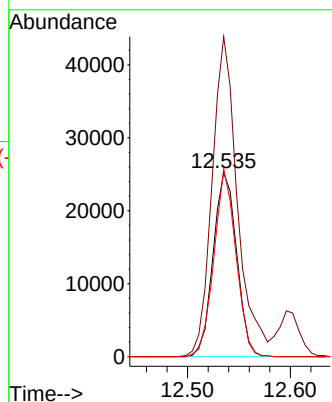
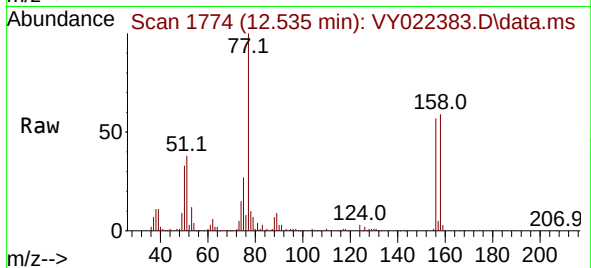
Tgt Ion:156 Resp: 39924

Ion Ratio Lower Upper

156 100

77 187.9 94.5 283.6

158 95.7 48.4 145.3



#78

n-propylbenzene

Concen: 19.775 ug/l

RT: 12.602 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY022383.D

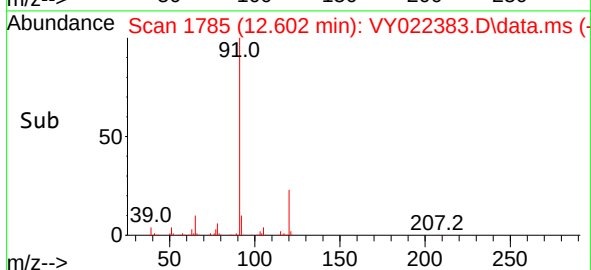
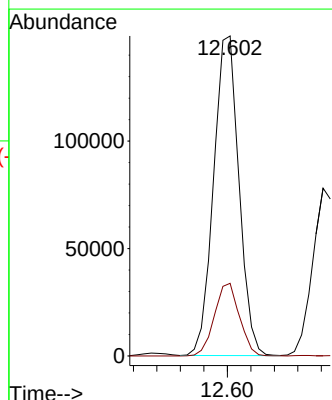
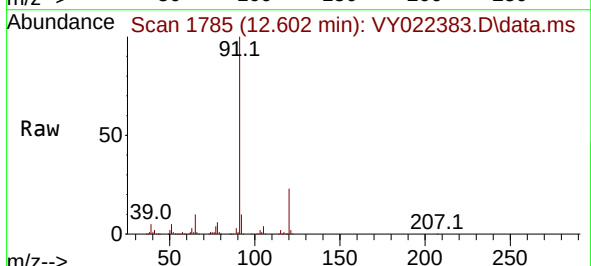
Acq: 22 May 2025 09:59

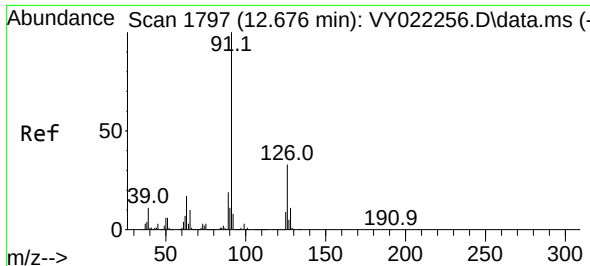
Tgt Ion: 91 Resp: 222841

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.3

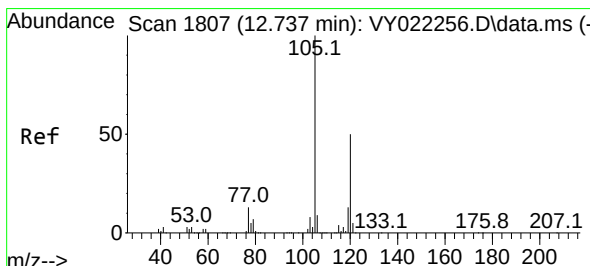
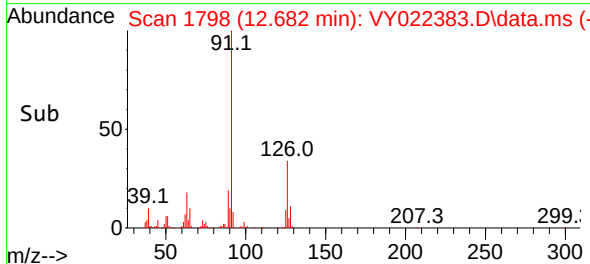
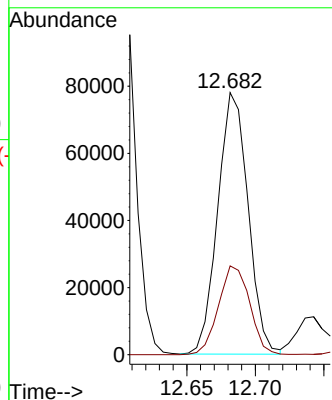
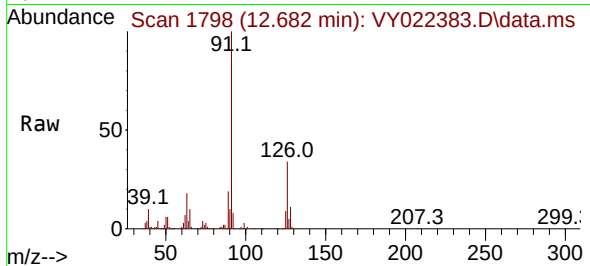




#79
2-Chlorotoluene
Concen: 19.434 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

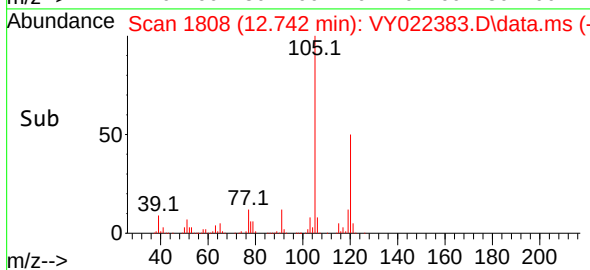
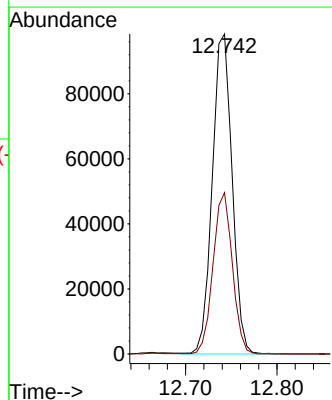
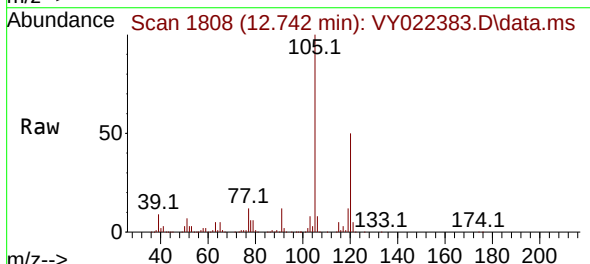
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

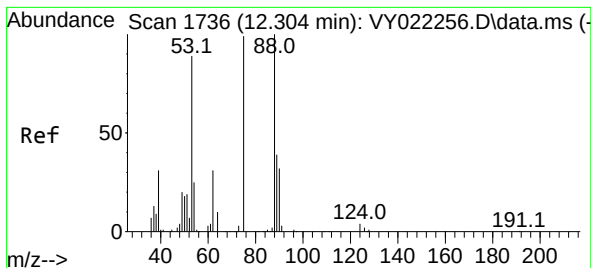
Tgt Ion: 91 Resp: 120348
Ion Ratio Lower Upper
91 100
126 34.8 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 19.648 ug/l
RT: 12.742 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 105 Resp: 148179
Ion Ratio Lower Upper
105 100
120 49.2 24.2 72.6

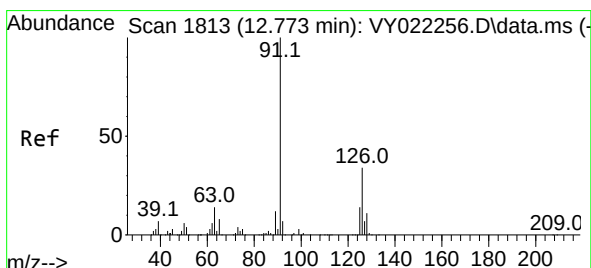
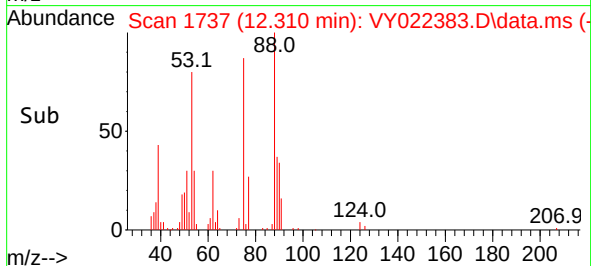
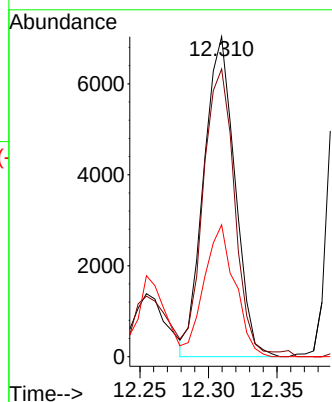
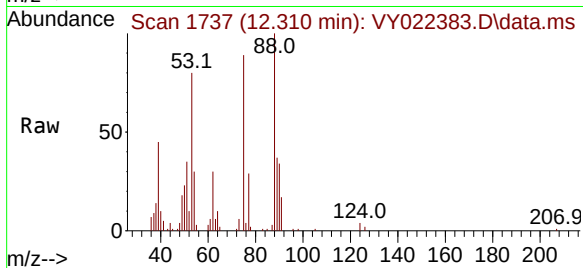




#81
trans-1,4-Dichloro-2-butene
Concen: 19.711 ug/l
RT: 12.310 min Scan# 11117
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

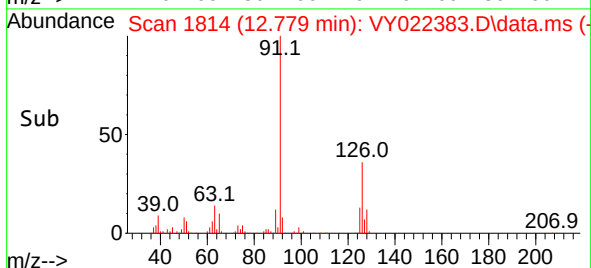
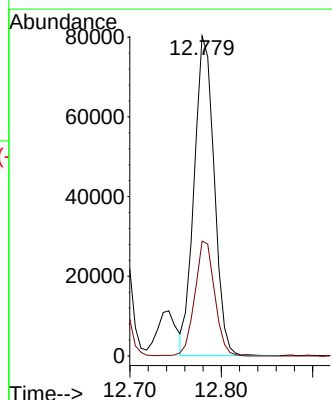
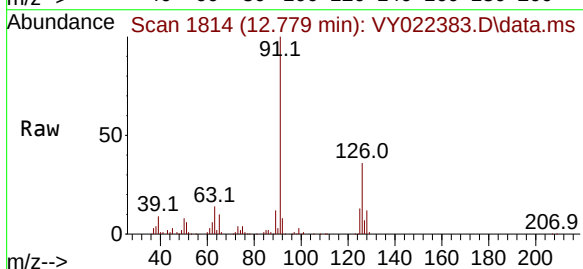
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

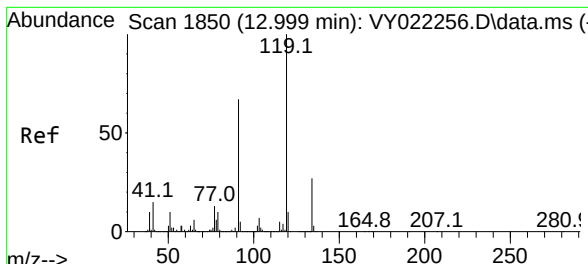
Tgt Ion: 75 Resp: 11117
Ion Ratio Lower Upper
75 100
53 91.2 75.8 113.8
89 41.0 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.154 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 91 Resp: 122004
Ion Ratio Lower Upper
91 100
126 35.8 16.8 50.4

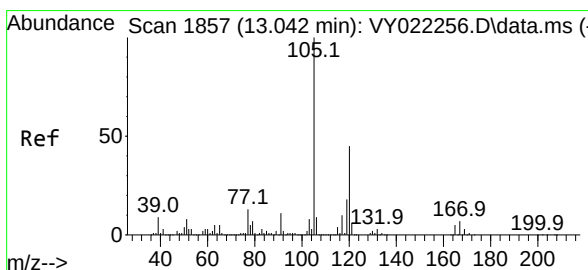
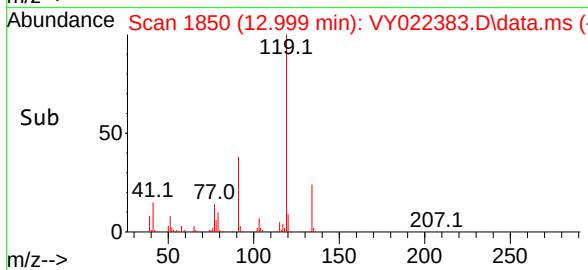
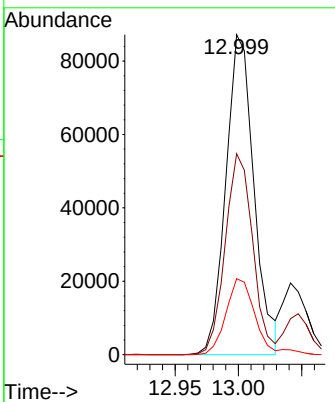
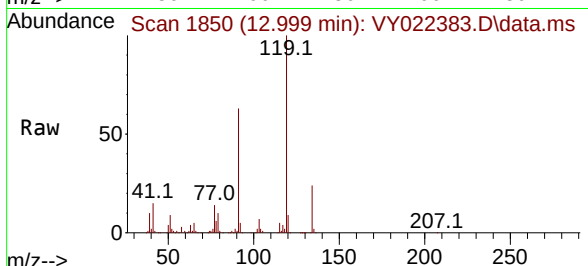




#83
 tert-Butylbenzene
 Concen: 20.161 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

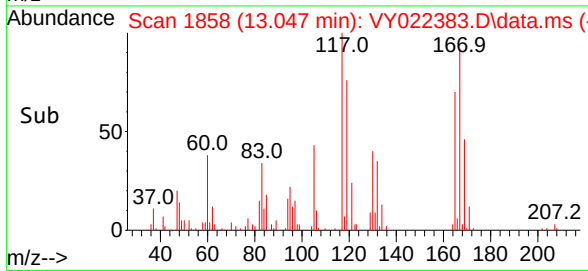
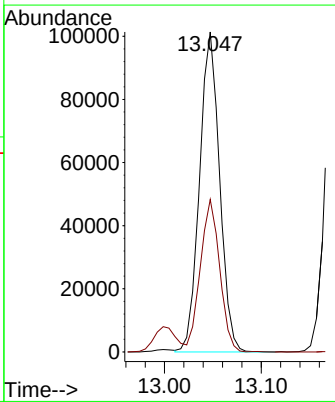
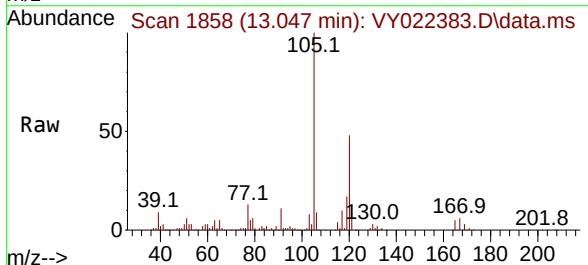
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01

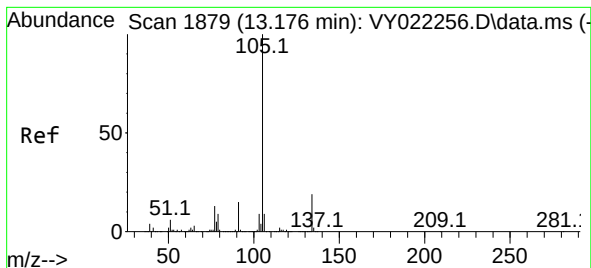
Tgt Ion:	119	Resp:	135145
Ion	Ratio	Lower	Upper
119	100		
91	61.6	32.8	98.3
134	24.9	12.9	38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.562 ug/l
 RT: 13.047 min Scan# 1858
 Delta R.T. 0.006 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

Tgt Ion:	105	Resp:	146449
Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.3	66.9





#85

sec-Butylbenzene

Concen: 19.991 ug/l

RT: 13.181 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

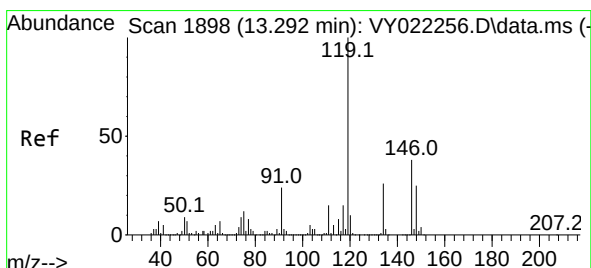
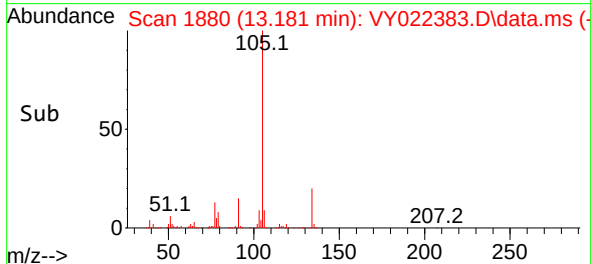
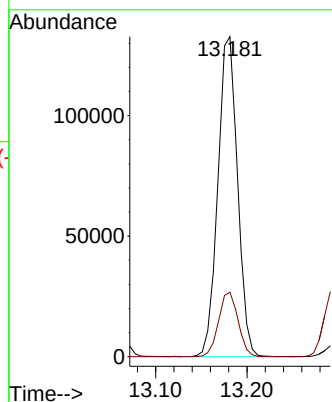
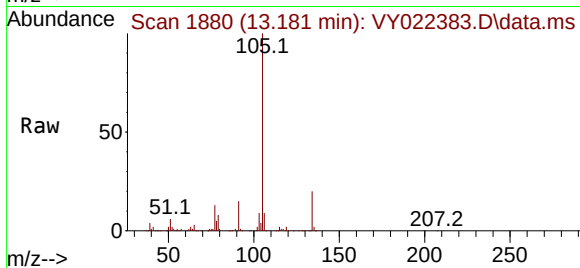
VY0522SBSD01

Tgt Ion:105 Resp: 198914

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.435 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

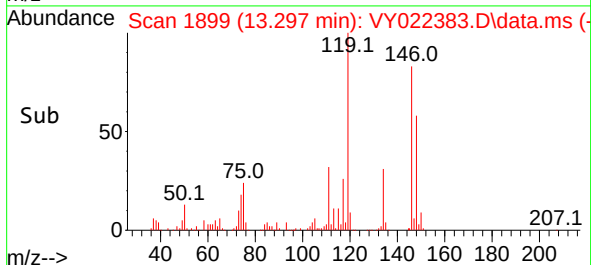
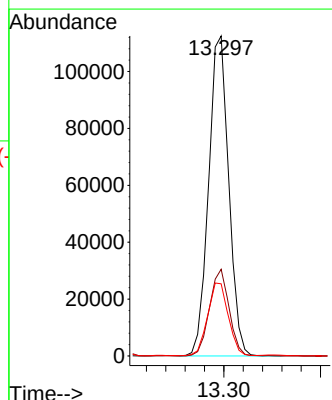
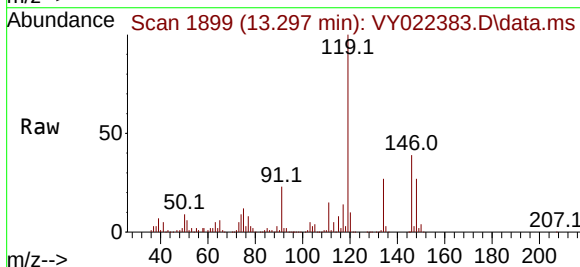
Tgt Ion:119 Resp: 162649

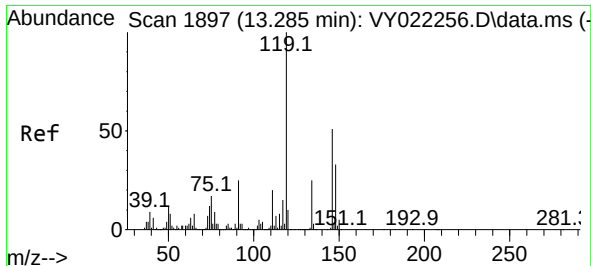
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 23.2 12.1 36.3

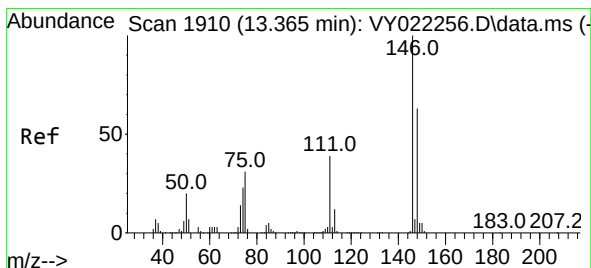
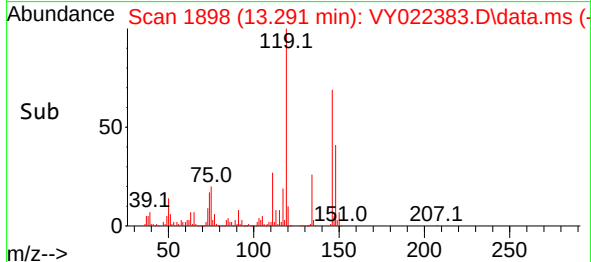
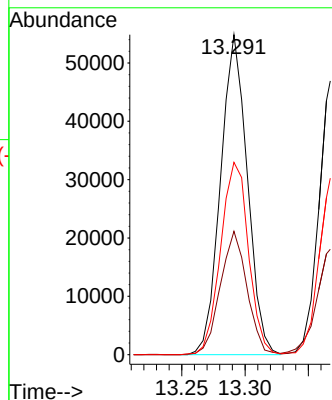
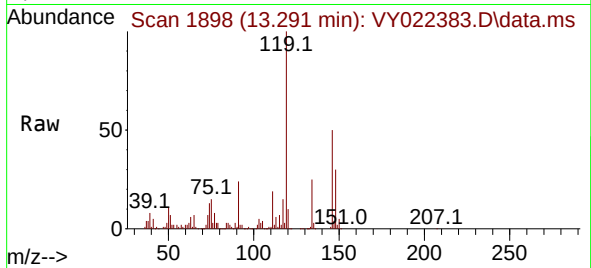




#87
1,3-Dichlorobenzene
Concen: 19.787 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

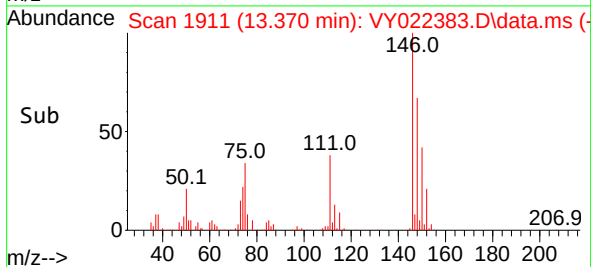
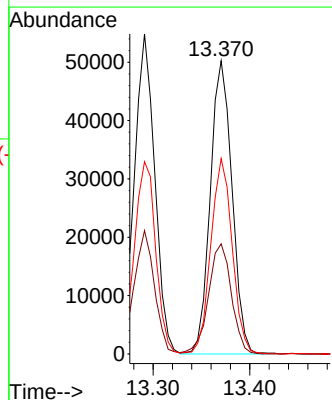
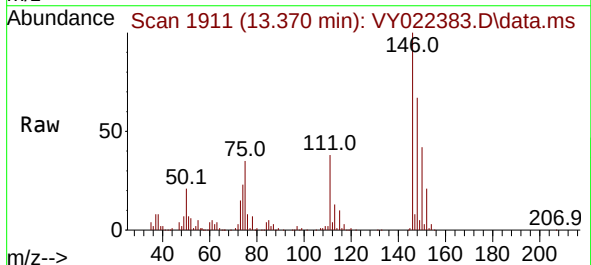
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

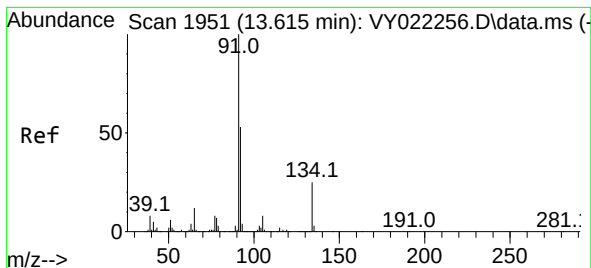
Tgt Ion:146 Resp: 80601
Ion Ratio Lower Upper
146 100
111 38.5 19.9 59.7
148 62.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.025 ug/l
RT: 13.370 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion:146 Resp: 78462
Ion Ratio Lower Upper
146 100
111 39.6 20.0 59.9
148 65.7 32.1 96.5





#89

n-Butylbenzene

Concen: 19.633 ug/l

RT: 13.620 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

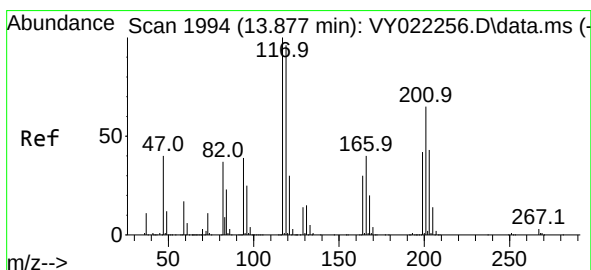
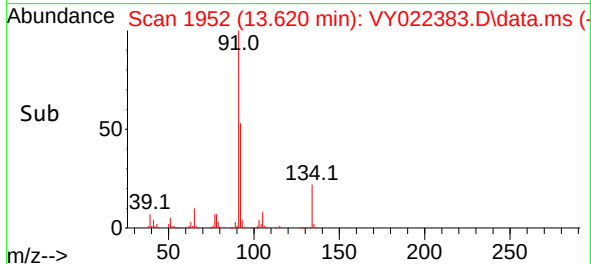
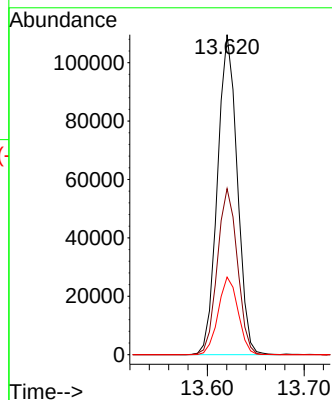
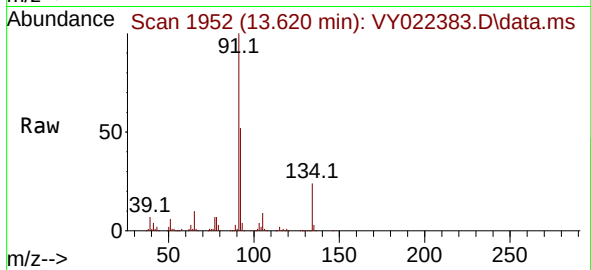
Tgt Ion: 91 Resp: 155438

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.9

134 24.4 12.4 37.4



#90

Hexachloroethane

Concen: 19.577 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022383.D

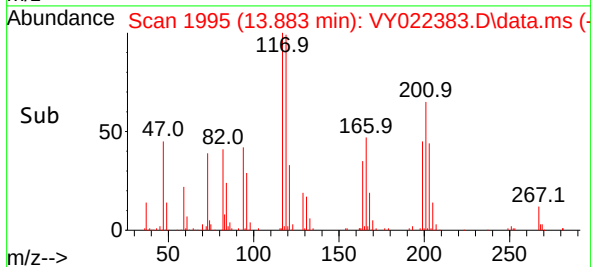
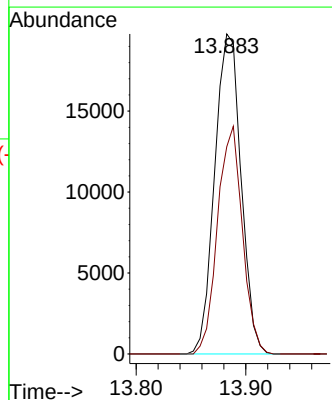
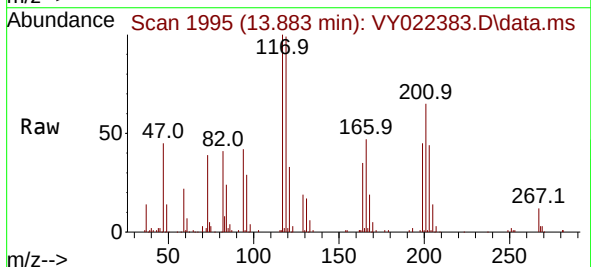
Acq: 22 May 2025 09:59

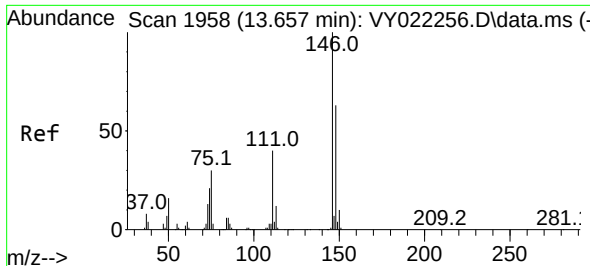
Tgt Ion: 117 Resp: 33072

Ion Ratio Lower Upper

117 100

201 67.0 35.2 105.6

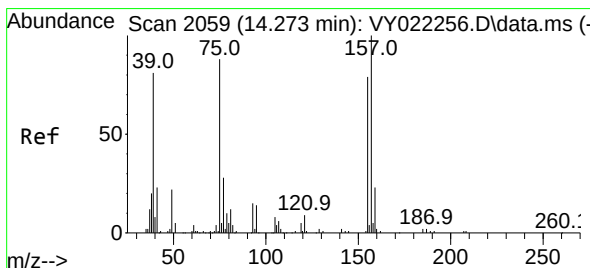
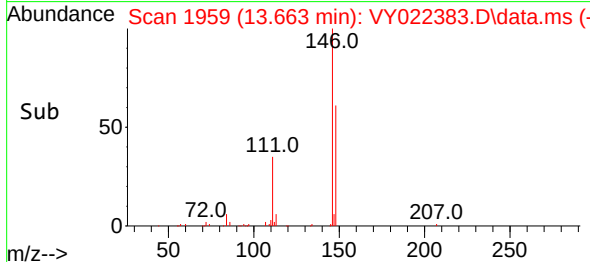
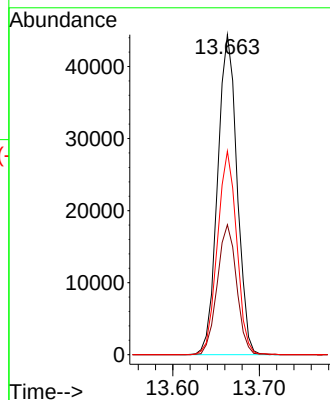
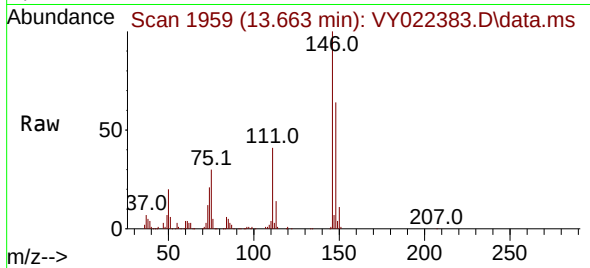




#91
1,2-Dichlorobenzene
Concen: 20.236 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

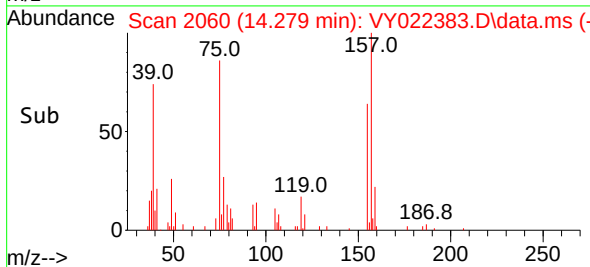
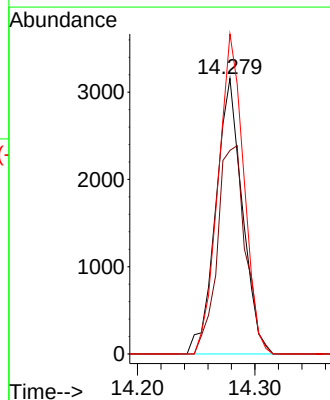
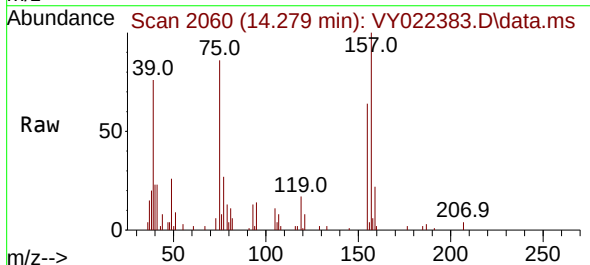
Instrument :
MSVOA_Y
ClientSampleId :
VY0522SBSD01

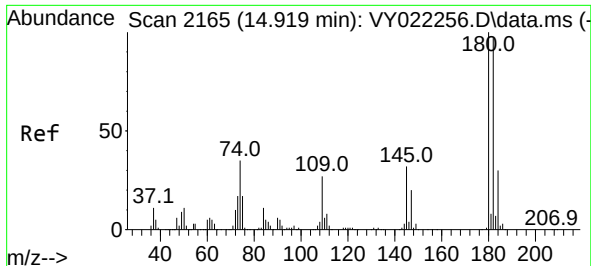
Tgt Ion:146 Resp: 69239
Ion Ratio Lower Upper
146 100
111 40.5 20.5 61.5
148 63.0 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.386 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022383.D
Acq: 22 May 2025 09:59

Tgt Ion: 75 Resp: 4955
Ion Ratio Lower Upper
75 100
155 80.4 43.4 130.1
157 111.9 54.6 163.9

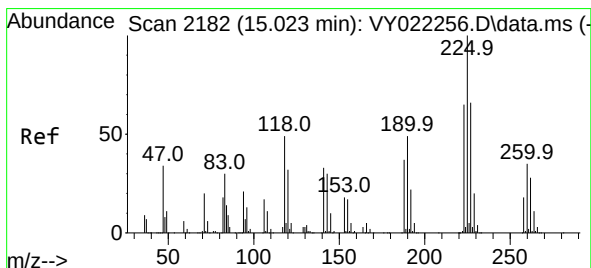
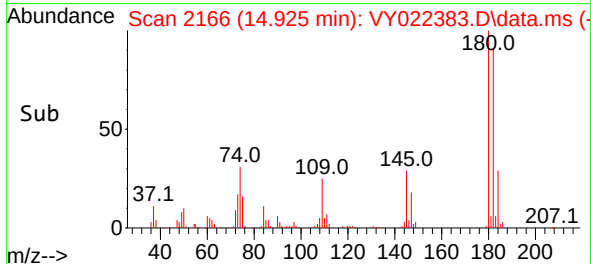
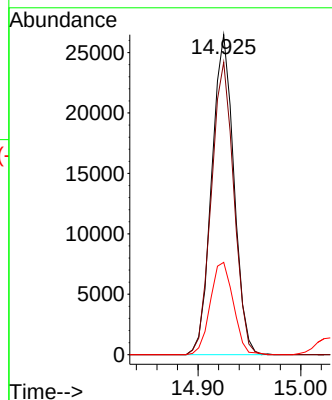
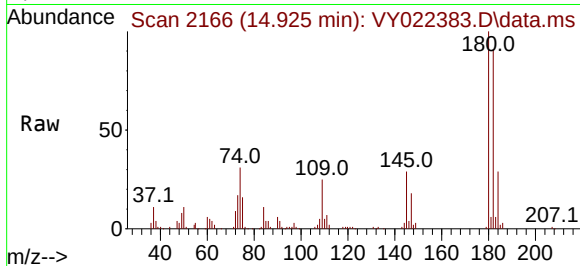




#93
 1,2,4-Trichlorobenzene
 Concen: 19.994 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

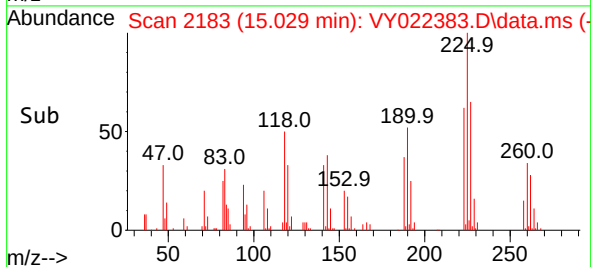
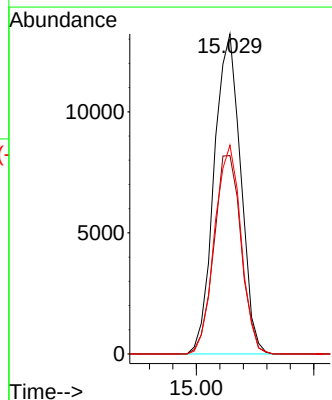
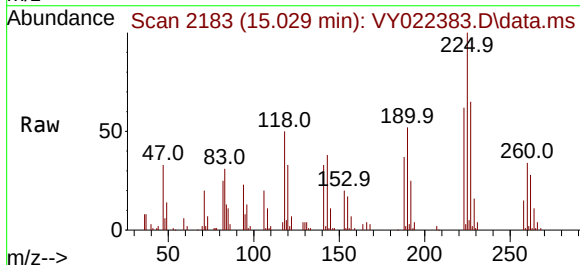
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0522SBSD01

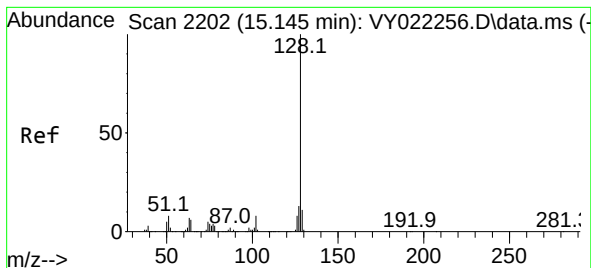
Tgt Ion:180 Resp: 39517
 Ion Ratio Lower Upper
 180 100
 182 92.7 48.0 144.0
 145 30.1 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 18.811 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.006 min
 Lab File: VY022383.D
 Acq: 22 May 2025 09:59

Tgt Ion:225 Resp: 20733
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.5 94.5
 227 64.9 32.1 96.3





#95

Naphthalene

Concen: 20.530 ug/l

RT: 15.144 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0522SBSD01

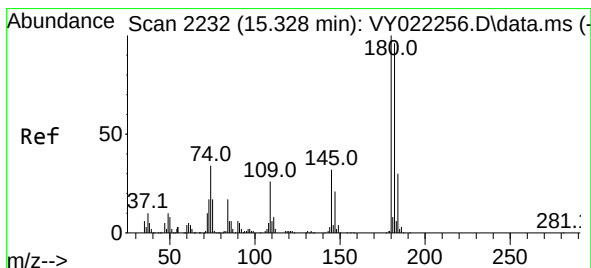
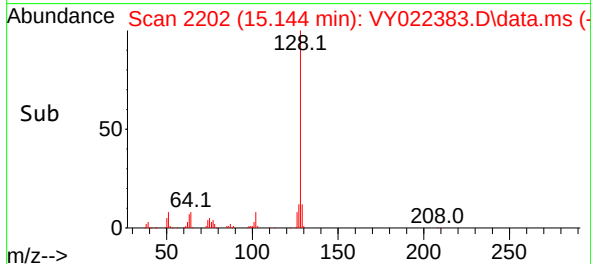
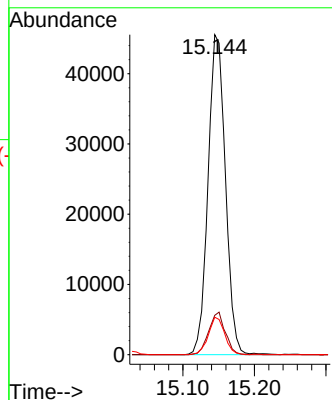
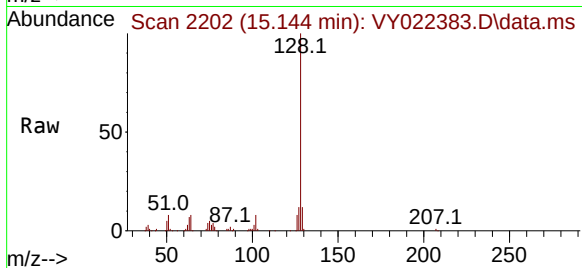
Tgt Ion:128 Resp: 76999

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.427 ug/l

RT: 15.333 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022383.D

Acq: 22 May 2025 09:59

Tgt Ion:180 Resp: 34249

Ion Ratio Lower Upper

180 100

182 92.0 47.1 141.3

145 29.7 15.9 47.6

