

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022098.D
 Acq On : 01 May 2025 11:04
 Operator : SY/MD
 Sample : VY0501SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

Quant Time: May 01 12:54:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	290517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	444556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	410264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	219160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133167	49.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.260%
35) Dibromofluoromethane	7.634	113	147589	50.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.103	98	568815	51.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.408	95	188857	50.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.340%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	48333	19.525	ug/l 98
3) Chloromethane	2.068	50	74025	21.001	ug/l 100
4) Vinyl Chloride	2.202	62	87170	20.125	ug/l 99
5) Bromomethane	2.592	94	71344	19.118	ug/l 100
6) Chloroethane	2.733	64	58818	19.939	ug/l 95
7) Trichlorofluoromethane	3.056	101	116145	20.334	ug/l 98
8) Diethyl Ether	3.452	74	28692	19.300	ug/l 98
9) 1,1,2-Trichlorotrifluo...	3.818	101	63254	20.415	ug/l 98
10) Methyl Iodide	4.001	142	69620	19.407	ug/l 100
11) Tert butyl alcohol	4.866	59	13934	94.584	ug/l 96
12) 1,1-Dichloroethene	3.793	96	59540	20.616	ug/l 96
13) Acrolein	3.653	56	19169	72.497	ug/l 99
14) Allyl chloride	4.385	41	66276	19.709	ug/l 99
15) Acrylonitrile	5.061	53	52952	97.294	ug/l 98
16) Acetone	3.873	43	37055	91.997	ug/l 99
17) Carbon Disulfide	4.104	76	184704	20.058	ug/l 98
18) Methyl Acetate	4.391	43	29994	23.928	ug/l 98
19) Methyl tert-butyl Ether	5.116	73	127098	19.662	ug/l 99
20) Methylene Chloride	4.616	84	66442	19.581	ug/l 97
21) trans-1,2-Dichloroethene	5.110	96	66927	20.692	ug/l 96
22) Diisopropyl ether	6.012	45	151612	20.259	ug/l 96
23) Vinyl Acetate	5.964	43	375237	93.038	ug/l 98
24) 1,1-Dichloroethane	5.915	63	105963	20.427	ug/l 97
25) 2-Butanone	6.896	43	56036	91.610	ug/l 99
26) 2,2-Dichloropropane	6.884	77	93957	20.666	ug/l 98
27) cis-1,2-Dichloroethene	6.890	96	73121	20.218	ug/l 100
28) Bromochloromethane	7.244	49	40778	20.239	ug/l 96
29) Tetrahydrofuran	7.262	42	36527	91.944	ug/l 96
30) Chloroform	7.421	83	117923	20.495	ug/l 94
31) Cyclohexane	7.701	56	86092	19.408	ug/l # 93
32) 1,1,1-Trichloroethane	7.616	97	107555	20.661	ug/l 99
36) 1,1-Dichloropropene	7.835	75	81098	20.556	ug/l 99
37) Ethyl Acetate	6.982	43	25774	18.190	ug/l 98
38) Carbon Tetrachloride	7.817	117	99120	21.026	ug/l 97
39) Methylcyclohexane	9.109	83	94719	19.078	ug/l 94
40) Benzene	8.079	78	256988	20.839	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	36689	47.368	ug/l #	30
42) 1,2-Dichloroethane	8.158	62	62688	20.531	ug/l	100
43) Isopropyl Acetate	8.195	43	50748	18.650	ug/l	95
44) Trichloroethene	8.866	130	72064	21.097	ug/l	98
45) 1,2-Dichloropropane	9.140	63	57135	20.950	ug/l	98
46) Dibromomethane	9.231	93	34679	20.313	ug/l	97
47) Bromodichloromethane	9.420	83	89913	21.082	ug/l	97
48) Methyl methacrylate	9.219	41	23882	18.986	ug/l	95
49) 1,4-Dioxane	9.231	88	7294	400.852	ug/l	92
51) 4-Methyl-2-Pentanone	10.000	43	137802	96.608	ug/l	99
52) Toluene	10.170	92	167027	20.923	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	74028	20.236	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	89009	20.469	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	47481	20.821	ug/l	98
56) Ethyl methacrylate	10.438	69	47715	18.297	ug/l	98
57) 1,3-Dichloropropane	10.719	76	75422	20.630	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	119931	94.059	ug/l	98
59) 2-Hexanone	10.762	43	86896	92.361	ug/l	99
60) Dibromochloromethane	10.908	129	66460	21.050	ug/l	98
61) 1,2-Dibromoethane	11.018	107	43838	20.362	ug/l	100
64) Tetrachloroethene	10.646	164	82002	21.188	ug/l	97
65) Chlorobenzene	11.438	112	190046	20.714	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	66608	20.622	ug/l	100
67) Ethyl Benzene	11.518	91	297326	19.811	ug/l	100
68) m/p-Xylenes	11.627	106	244927	41.012	ug/l	99
69) o-Xylene	11.957	106	113297	20.583	ug/l	97
70) Styrene	11.969	104	189713	20.527	ug/l	98
71) Bromoform	12.133	173	38526	20.516	ug/l #	98
73) Isopropylbenzene	12.255	105	290980	19.873	ug/l	99
74) N-amyl acetate	12.072	43	43309	17.216	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	48351	19.586	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	63451	33.801	ug/l #	100
77) Bromobenzene	12.530	156	76461	20.666	ug/l	97
78) n-propylbenzene	12.597	91	348777	20.002	ug/l	100
79) 2-Chlorotoluene	12.682	91	207858	20.497	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	246332	20.418	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	15484	19.863	ug/l	98
82) 4-Chlorotoluene	12.780	91	219129	20.787	ug/l	100
83) tert-Butylbenzene	12.999	119	214227	19.799	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	246710	20.445	ug/l	99
85) sec-Butylbenzene	13.176	105	314910	19.890	ug/l	99
86) p-Isopropyltoluene	13.292	119	267968	19.931	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	156200	20.786	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	154134	20.710	ug/l	98
89) n-Butylbenzene	13.615	91	232219	19.324	ug/l	98
90) Hexachloroethane	13.877	117	58972	19.964	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	134811	20.569	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7126	18.144	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	75084	20.216	ug/l	98
94) Hexachlorobutadiene	15.023	225	46011	20.135	ug/l	99
95) Naphthalene	15.145	128	110513	17.912	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	63302	19.745	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

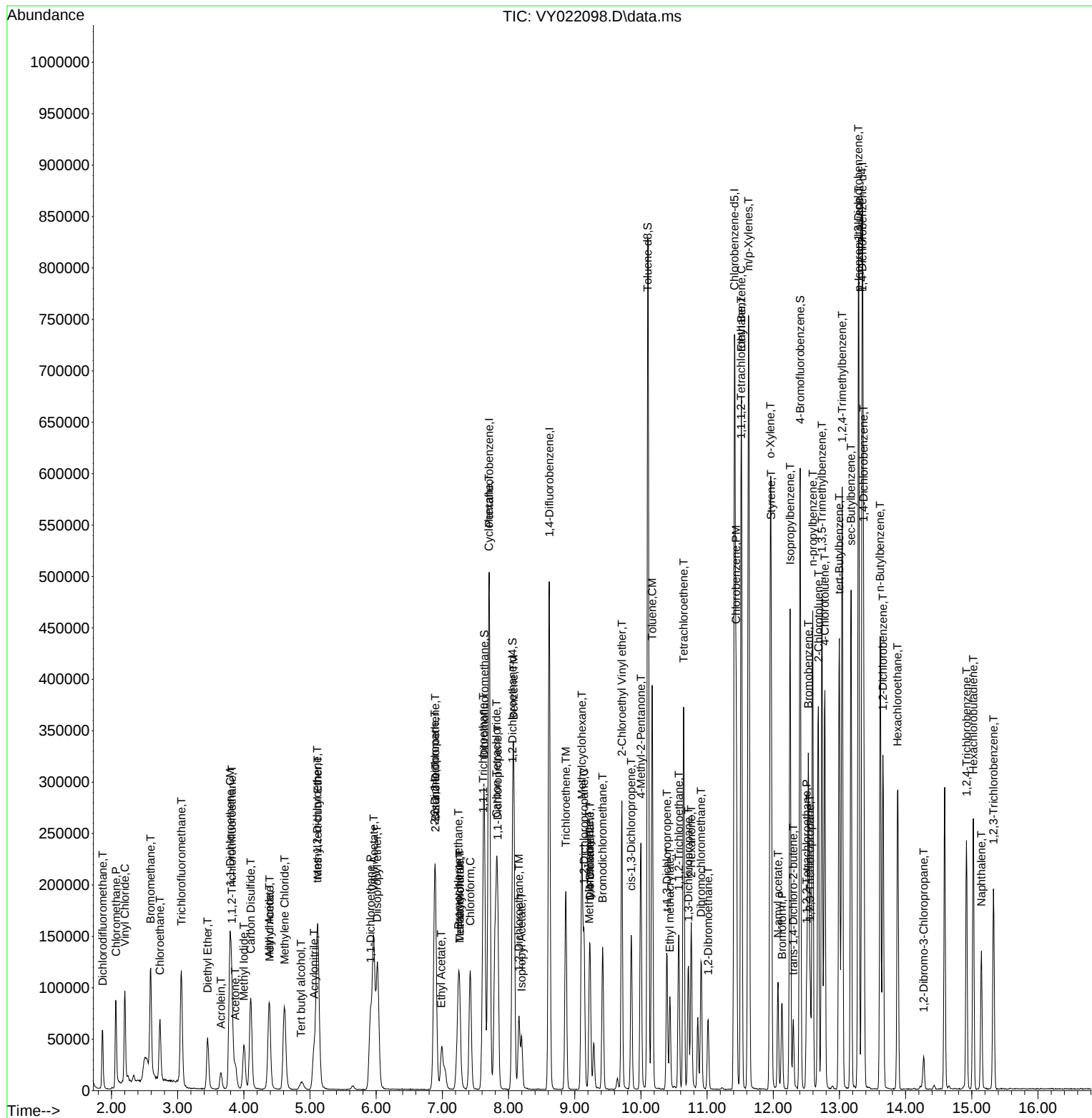
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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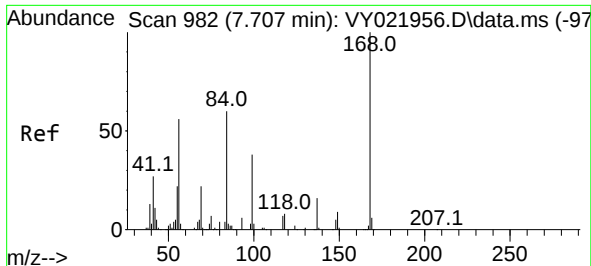
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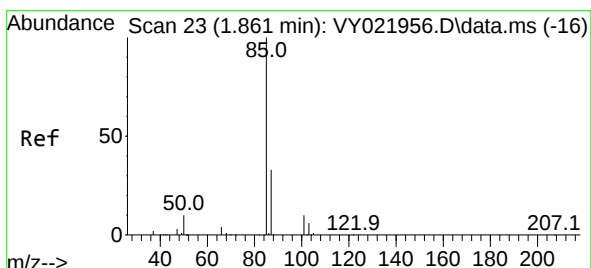
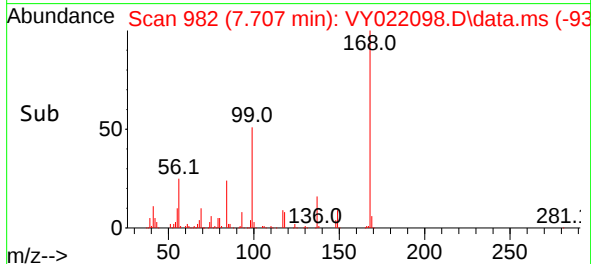
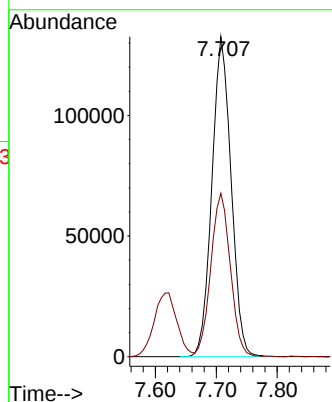
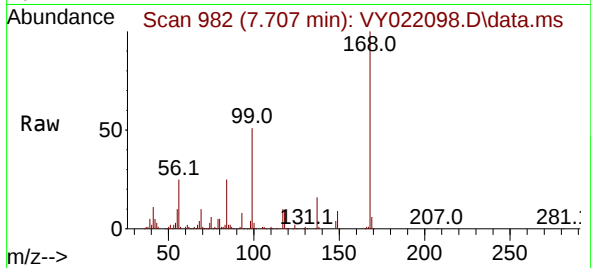




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022098.D
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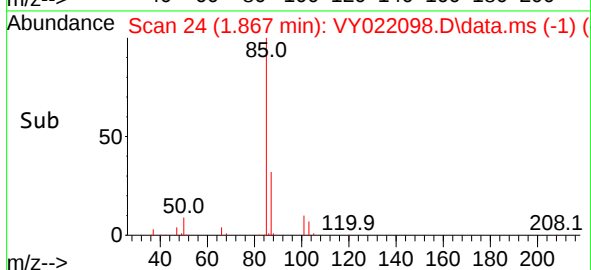
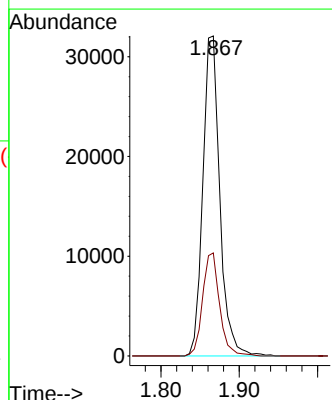
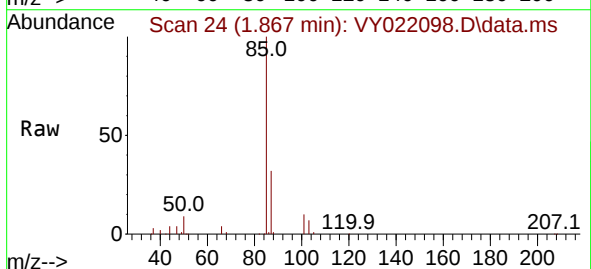
Instrument :
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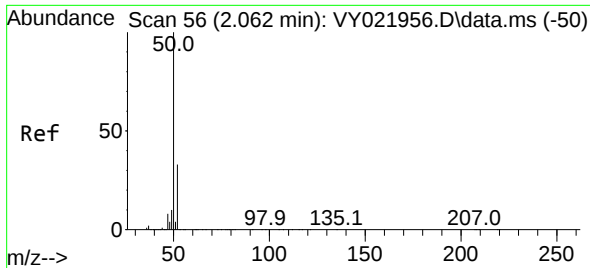
Tgt Ion:168 Resp: 290517
Ion Ratio Lower Upper
168 100
99 51.0 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 19.525 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 85 Resp: 48333
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.7

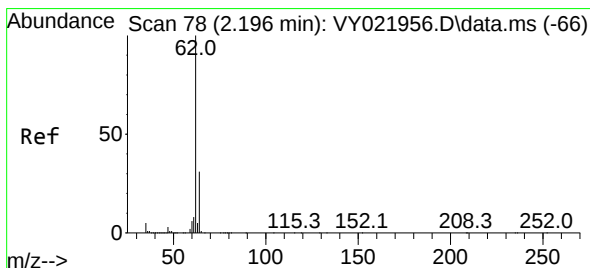
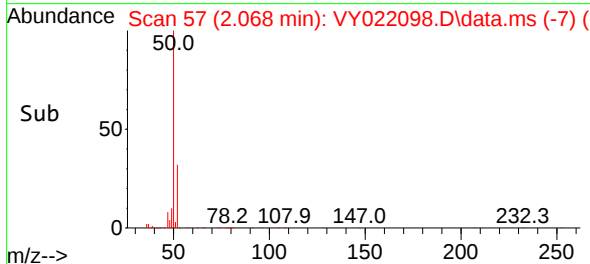
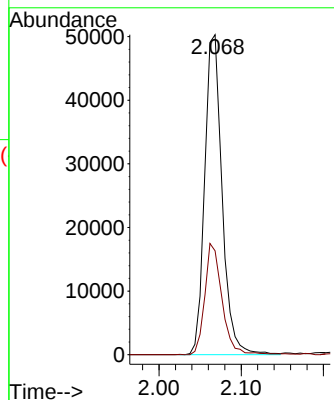
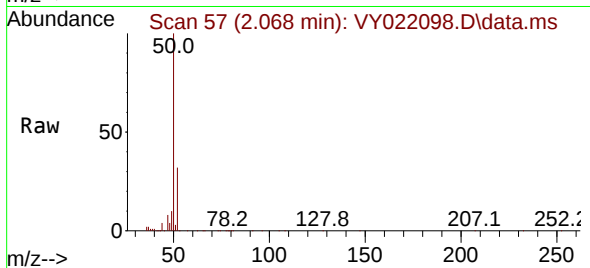




#3
Chloromethane
Concen: 21.001 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

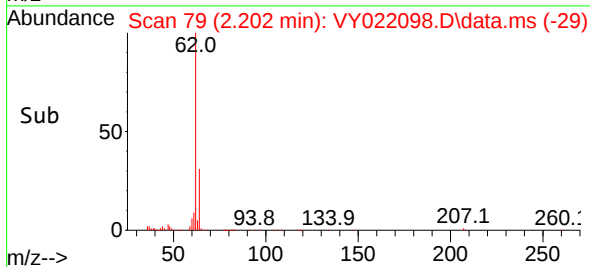
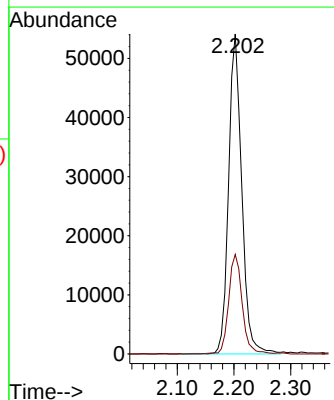
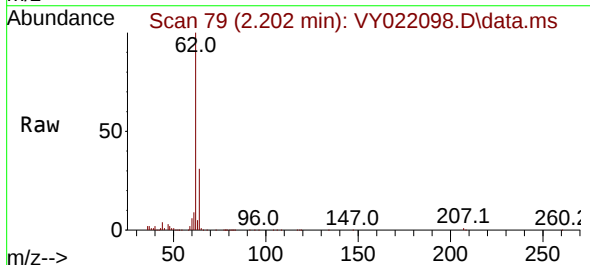
Instrument :
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ClientSampleId :
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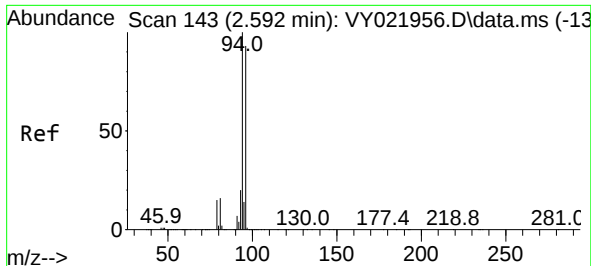
Tgt Ion: 50 Resp: 74025
Ion Ratio Lower Upper
50 100
52 32.3 26.1 39.1



#4
Vinyl Chloride
Concen: 20.125 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 62 Resp: 87170
Ion Ratio Lower Upper
62 100
64 31.0 25.1 37.7

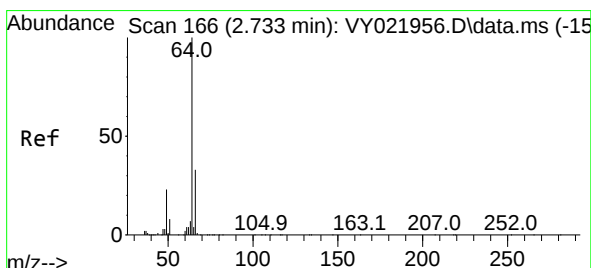
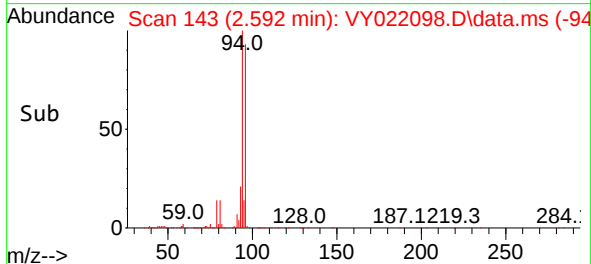
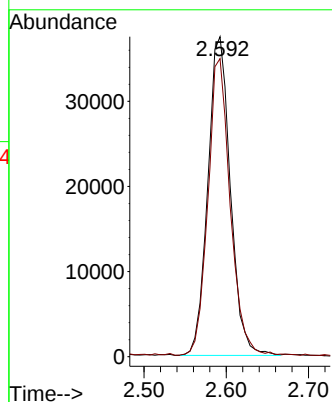
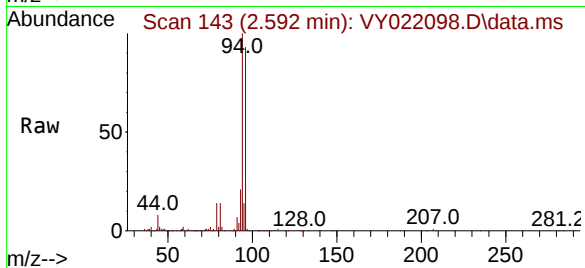




#5
Bromomethane
Concen: 19.118 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

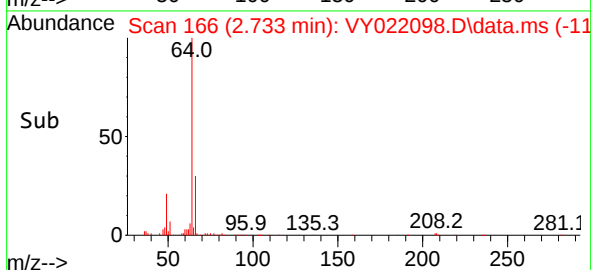
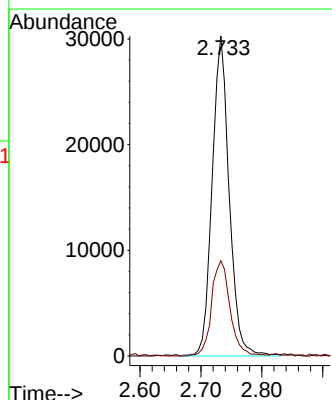
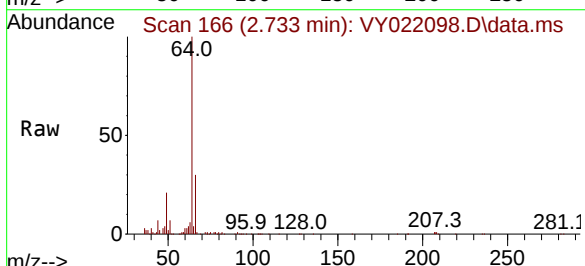
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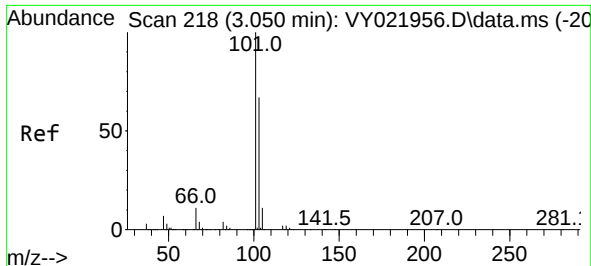
Tgt Ion: 94 Resp: 71344
Ion Ratio Lower Upper
94 100
96 93.0 74.6 111.8



#6
Chloroethane
Concen: 19.939 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022098.D
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Tgt Ion: 64 Resp: 58818
Ion Ratio Lower Upper
64 100
66 29.7 26.2 39.4

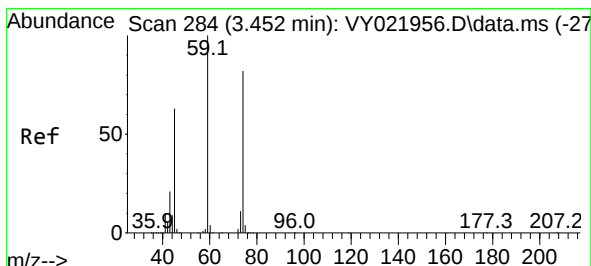
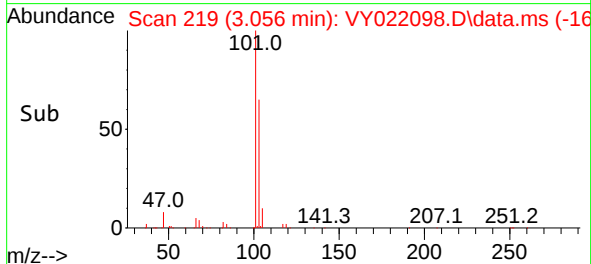
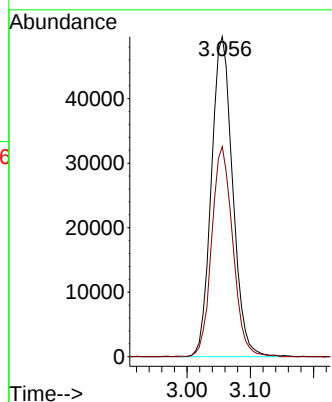
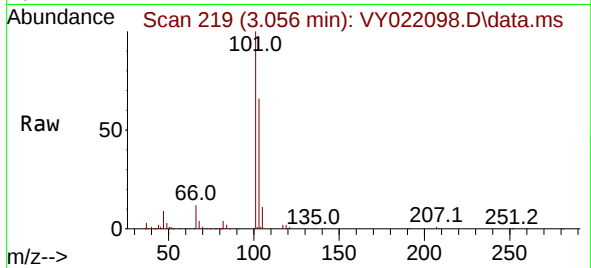




#7
 Trichlorofluoromethane
 Concen: 20.334 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022098.D
 Acq: 01 May 2025 11:04

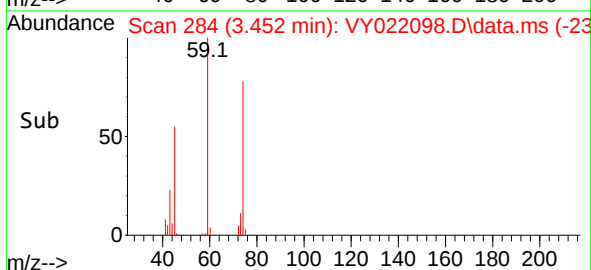
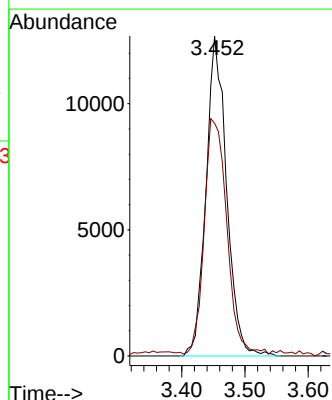
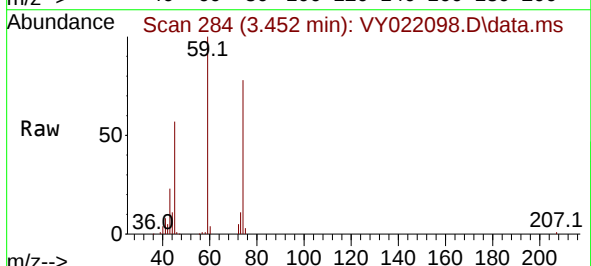
Instrument :
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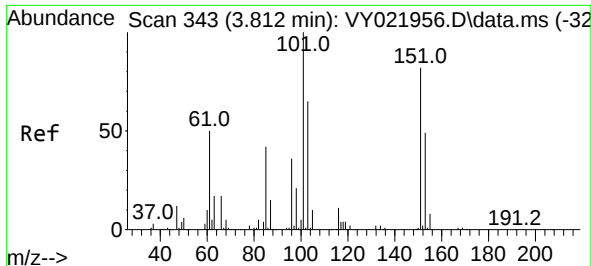
Tgt Ion:101 Resp: 116145
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.6 80.4



#8
 Diethyl Ether
 Concen: 19.300 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022098.D
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Tgt Ion: 74 Resp: 28692
 Ion Ratio Lower Upper
 74 100
 45 80.4 39.1 117.5

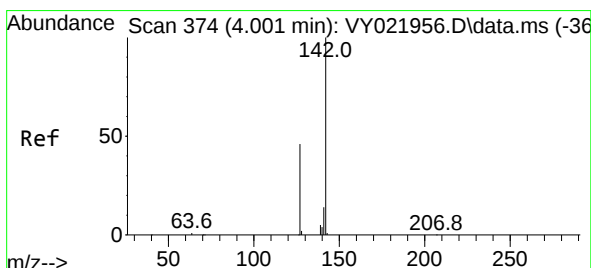
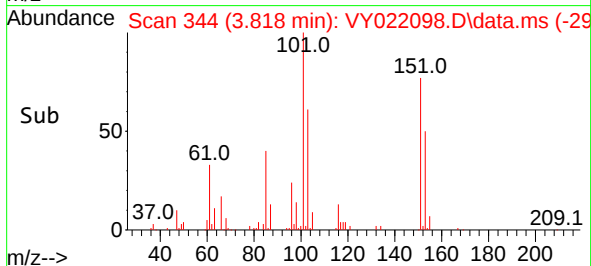
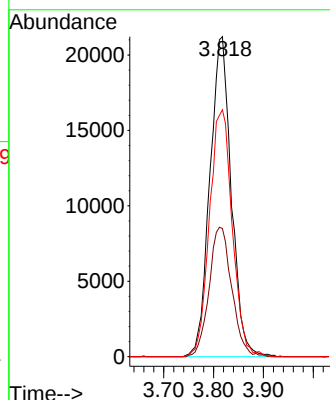
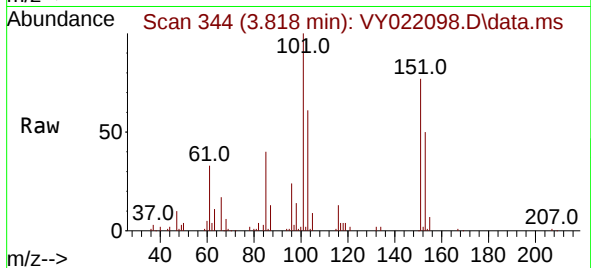




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.415 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

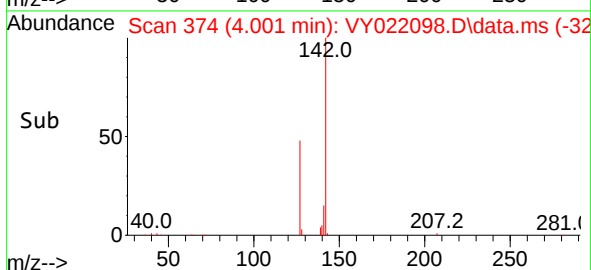
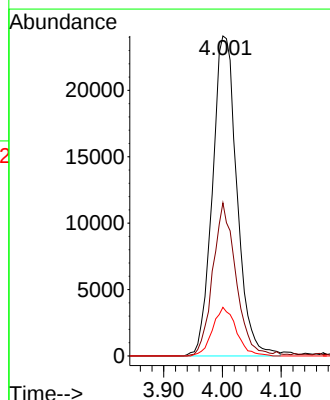
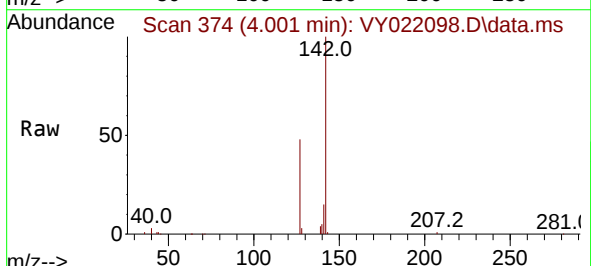
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

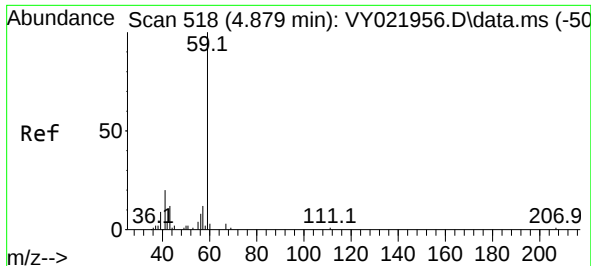
Tgt Ion:101 Resp: 63254
Ion Ratio Lower Upper
101 100
85 42.8 34.6 51.8
151 82.1 63.7 95.5



#10
Methyl Iodide
Concen: 19.407 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion:142 Resp: 69620
Ion Ratio Lower Upper
142 100
127 45.2 36.2 54.2
141 14.8 11.7 17.5

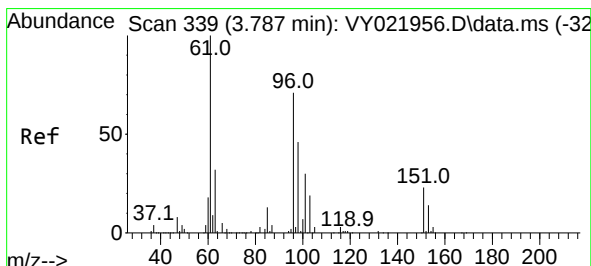
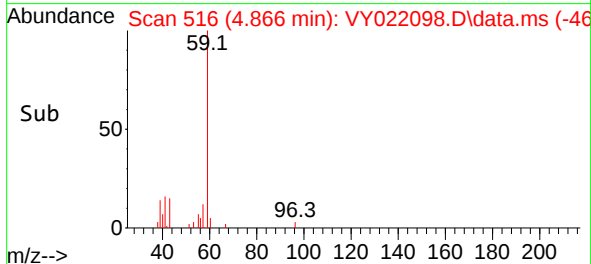
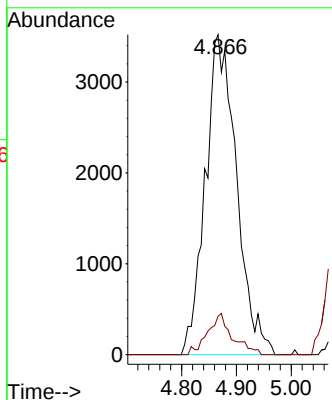
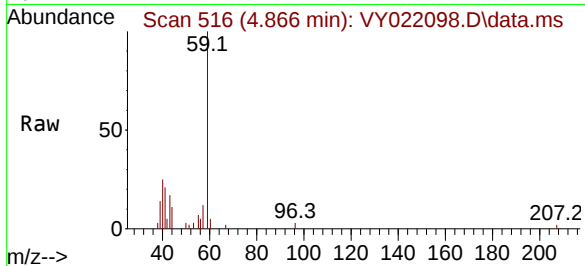




#11
Tert butyl alcohol
Concen: 94.584 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

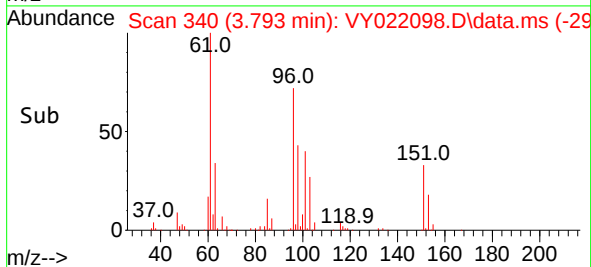
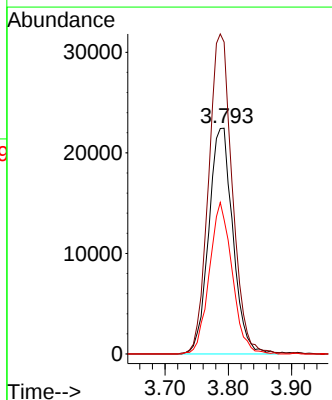
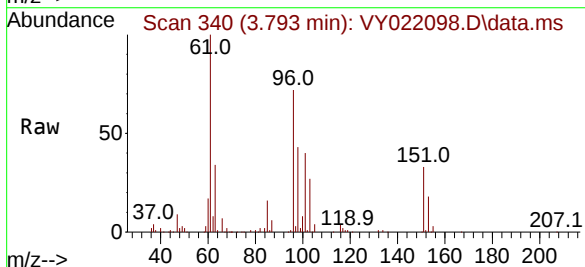
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

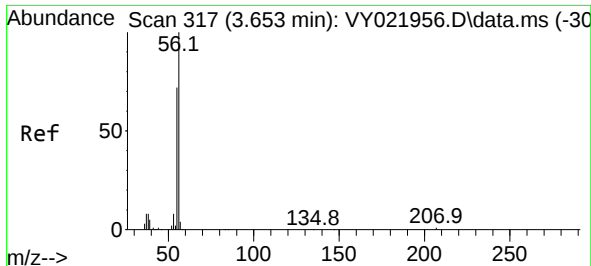
Tgt Ion: 59 Resp: 13934
Ion Ratio Lower Upper
59 100
57 10.2 9.3 13.9



#12
1,1-Dichloroethene
Concen: 20.616 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 96 Resp: 59540
Ion Ratio Lower Upper
96 100
61 138.2 113.0 169.4
98 59.4 51.4 77.2





#13

Acrolein

Concen: 72.497 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

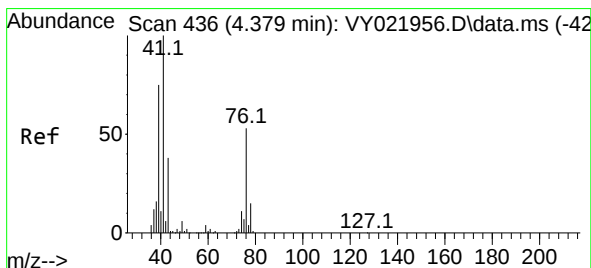
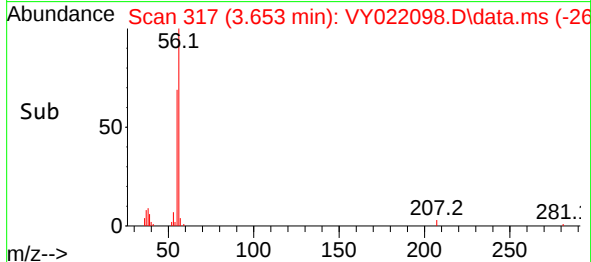
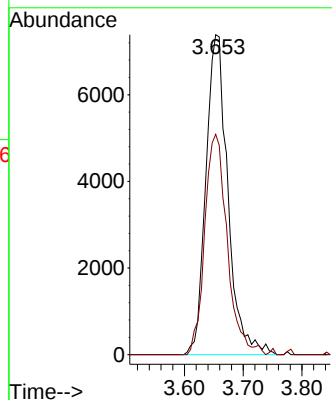
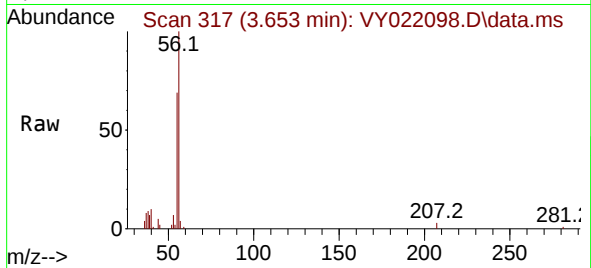
VY0501SBSD01

Tgt Ion: 56 Resp: 19169

Ion Ratio Lower Upper

56 100

55 70.7 57.4 86.0



#14

Allyl chloride

Concen: 19.709 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

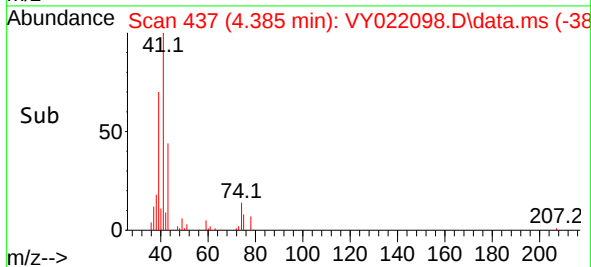
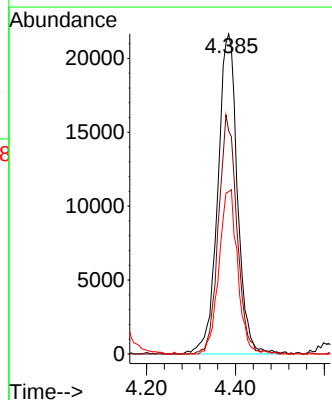
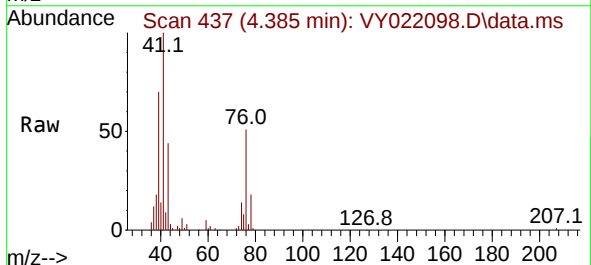
Tgt Ion: 41 Resp: 66276

Ion Ratio Lower Upper

41 100

39 70.3 57.2 85.8

76 48.7 39.7 59.5

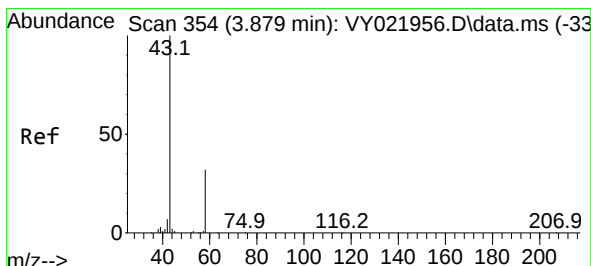
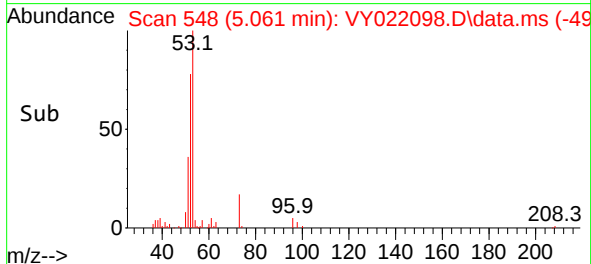
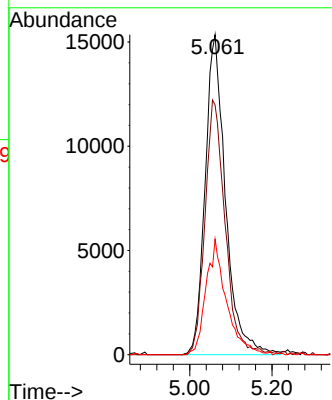
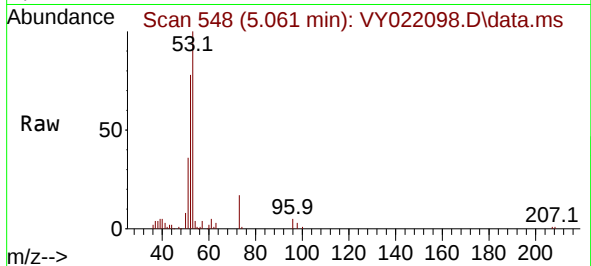




#15
Acrylonitrile
Concen: 97.294 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

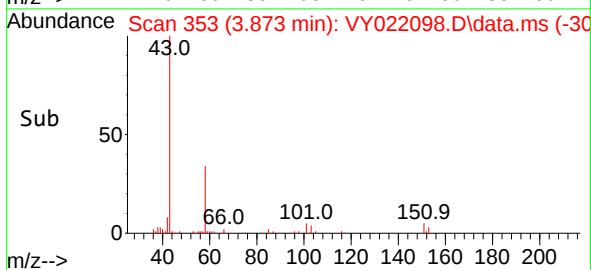
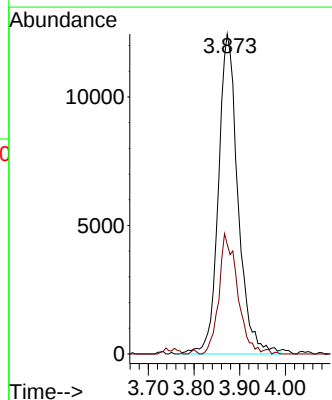
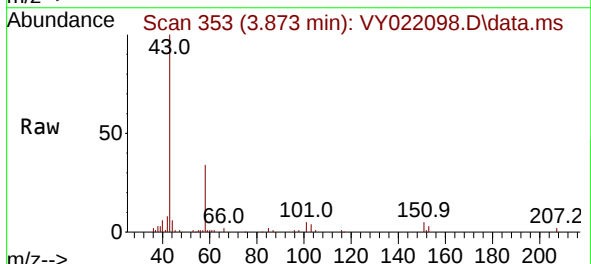
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

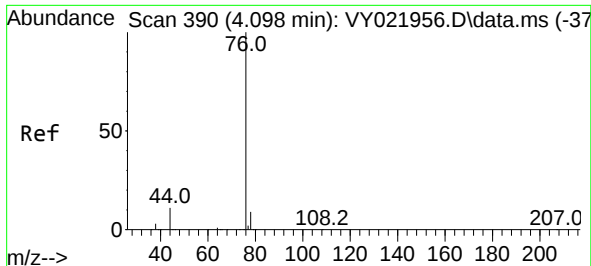
Tgt Ion: 53 Resp: 52952
Ion Ratio Lower Upper
53 100
52 78.7 65.0 97.6
51 36.0 28.9 43.3



#16
Acetone
Concen: 91.997 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 43 Resp: 37055
Ion Ratio Lower Upper
43 100
58 34.2 27.0 40.4

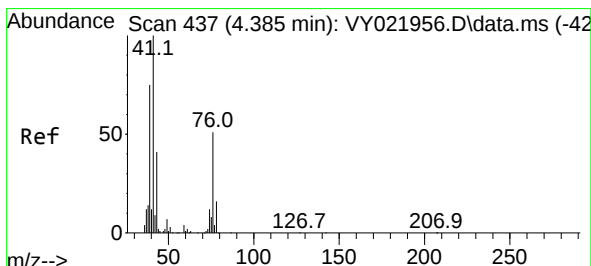
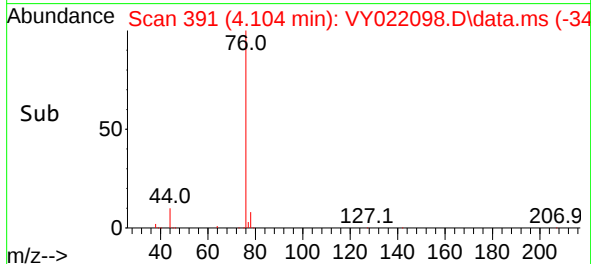
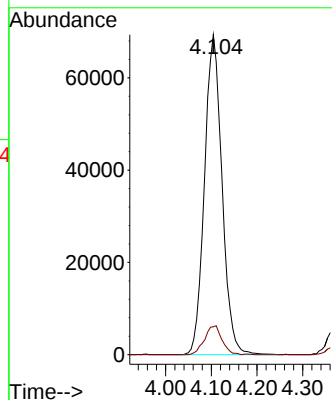
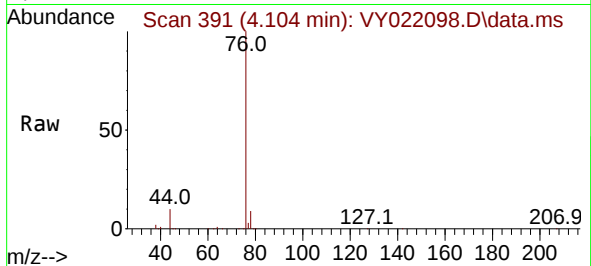




#17
Carbon Disulfide
Concen: 20.058 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

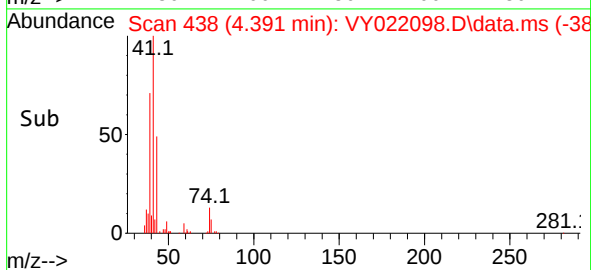
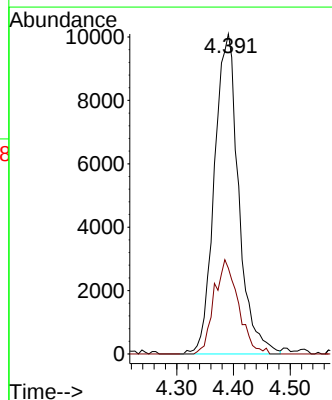
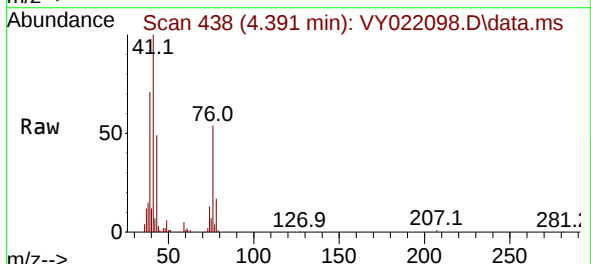
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

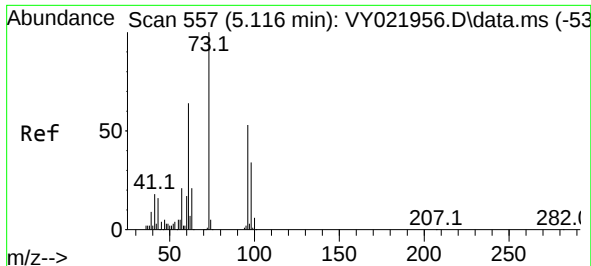
Tgt Ion: 76 Resp: 184704
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#18
Methyl Acetate
Concen: 23.928 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 43 Resp: 29994
Ion Ratio Lower Upper
43 100
74 29.5 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 19.662 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

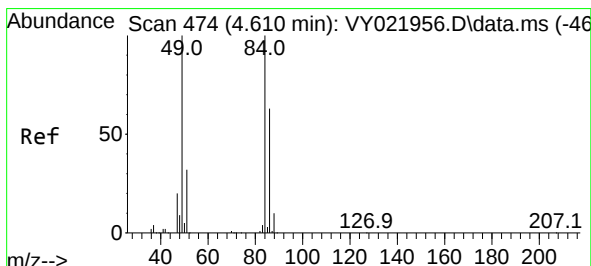
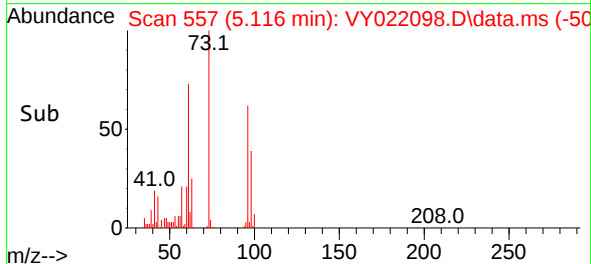
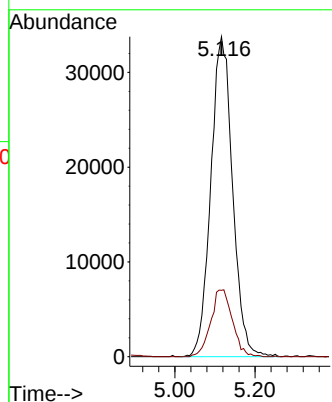
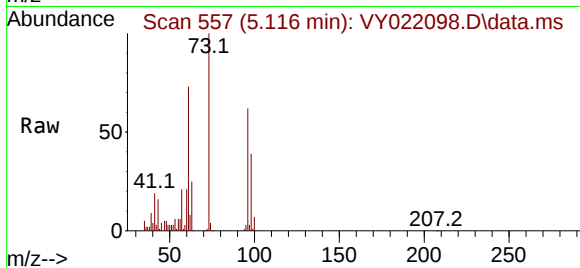
VY0501SBSD01

Tgt Ion: 73 Resp: 127098

Ion Ratio Lower Upper

73 100

57 20.8 16.9 25.3



#20

Methylene Chloride

Concen: 19.581 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Tgt Ion: 84 Resp: 66442

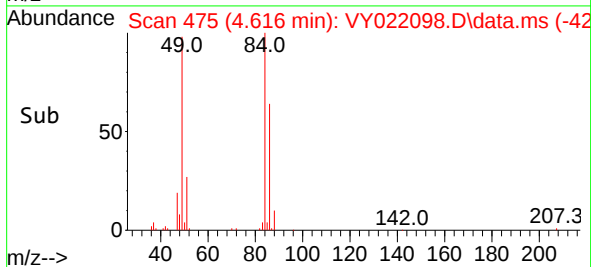
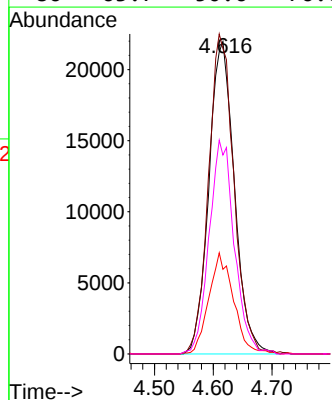
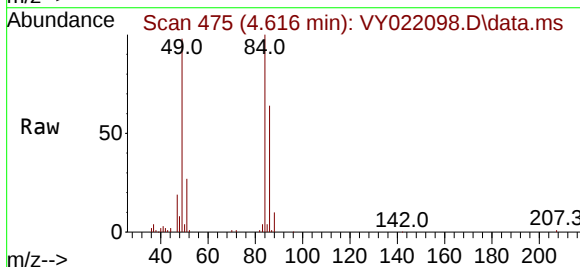
Ion Ratio Lower Upper

84 100

49 97.8 79.9 119.9

51 27.1 25.4 38.0

86 63.7 50.6 76.0

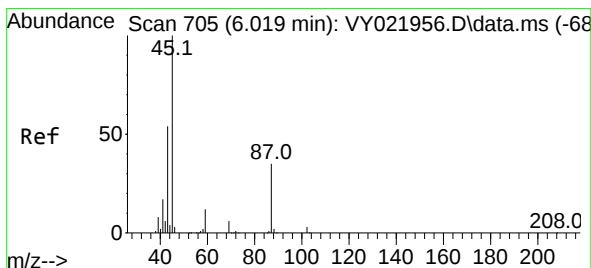
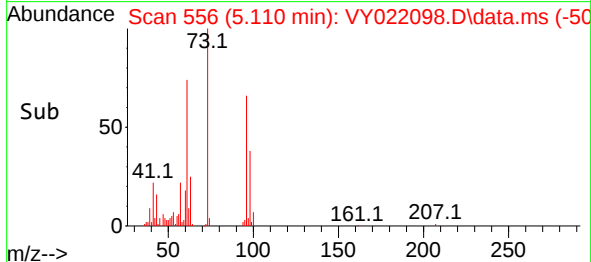
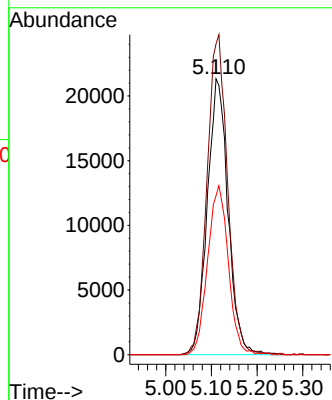
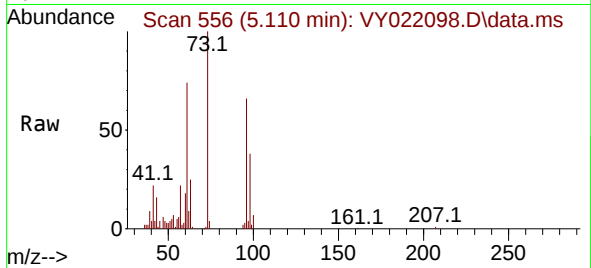




#21
trans-1,2-Dichloroethene
Concen: 20.692 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

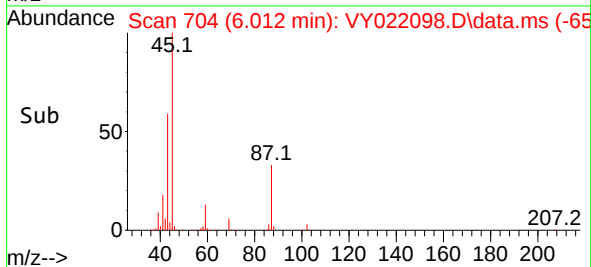
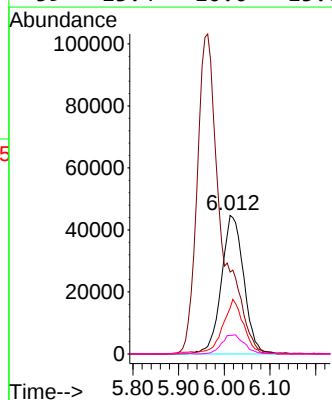
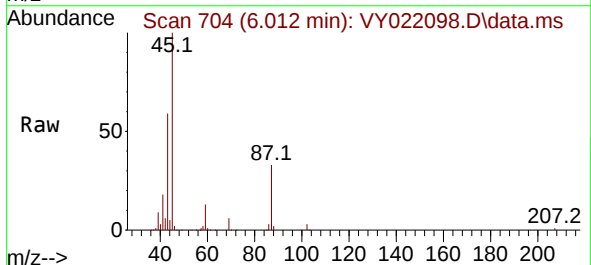
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

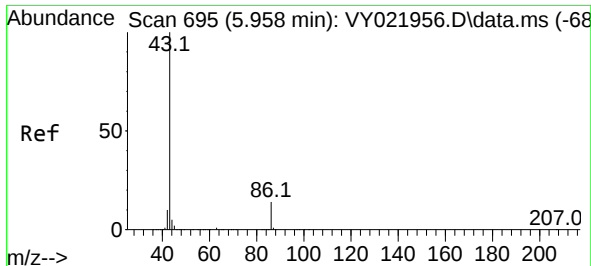
Tgt Ion: 96 Resp: 66927
Ion Ratio Lower Upper
96 100
61 112.7 92.6 138.8
98 57.7 50.2 75.4



#22
Diisopropyl ether
Concen: 20.259 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 45 Resp: 151612
Ion Ratio Lower Upper
45 100
43 58.4 43.6 65.4
87 33.1 28.2 42.4
59 13.4 10.0 15.0

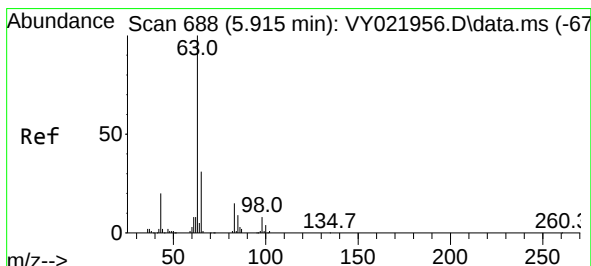
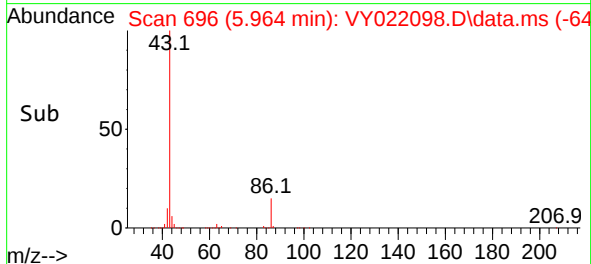
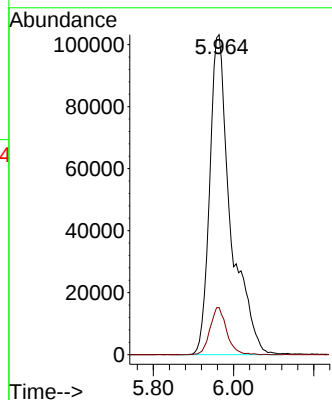
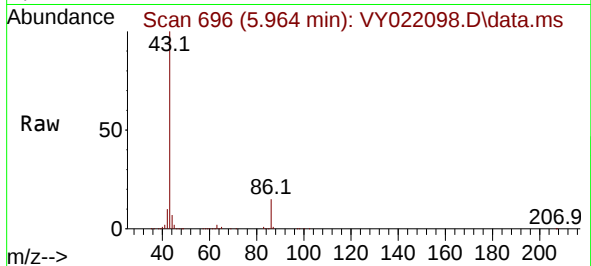




#23
 Vinyl Acetate
 Concen: 93.038 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022098.D
 Acq: 01 May 2025 11:04

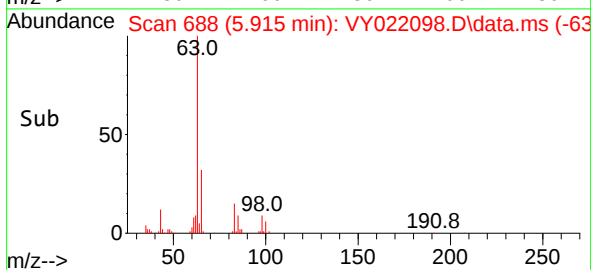
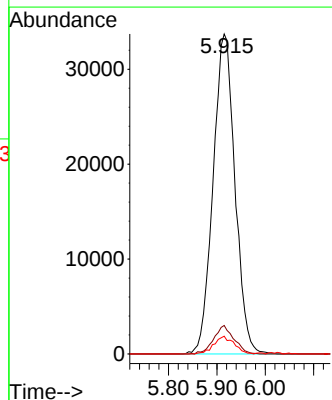
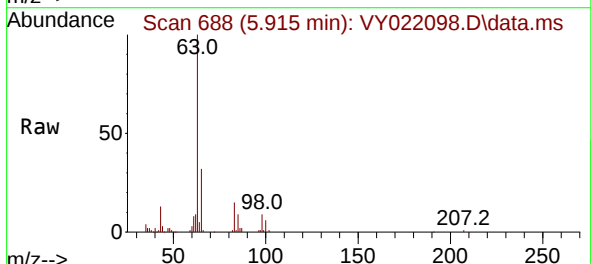
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

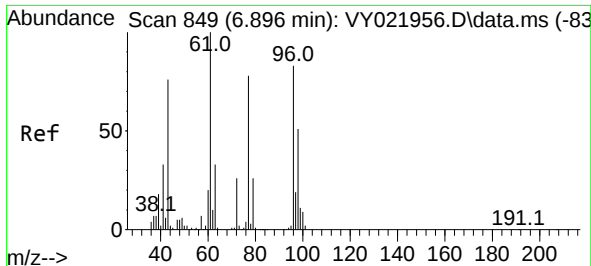
Tgt Ion: 43 Resp: 375237
 Ion Ratio Lower Upper
 43 100
 86 14.7 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 20.427 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022098.D
 Acq: 01 May 2025 11:04

Tgt Ion: 63 Resp: 105963
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.0 11.9
 100 5.5 2.0 6.0

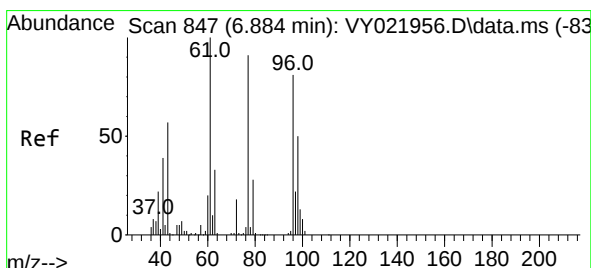
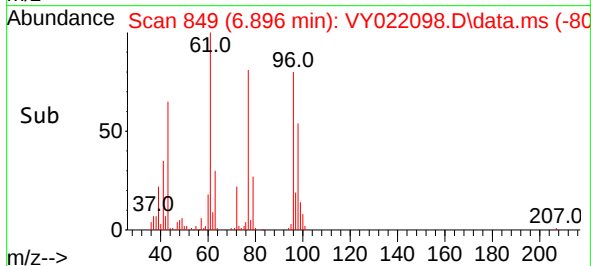
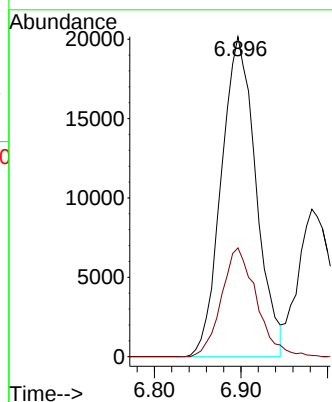
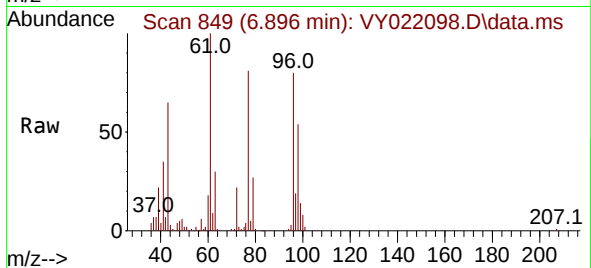




#25
2-Butanone
Concen: 91.610 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

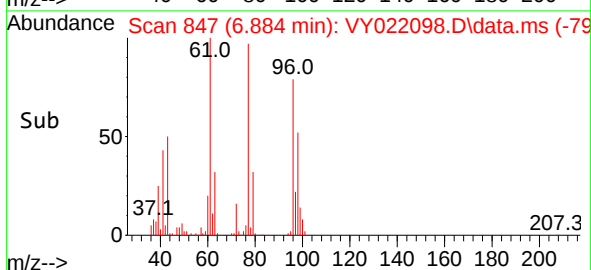
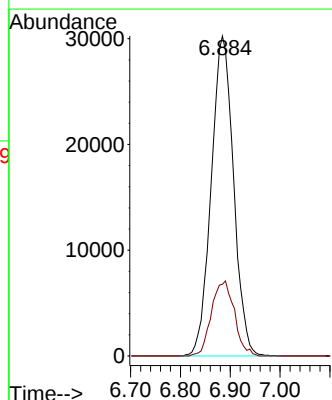
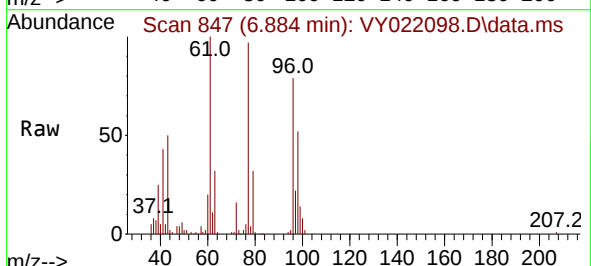
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

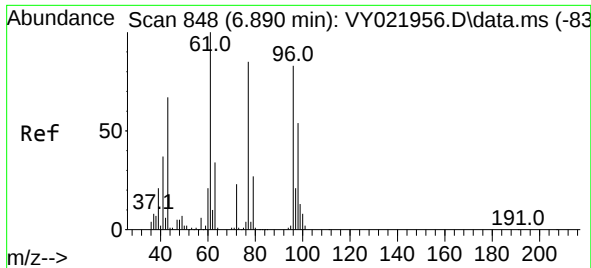
Tgt Ion: 43 Resp: 56036
Ion Ratio Lower Upper
43 100
72 34.0 27.0 40.4



#26
2,2-Dichloropropane
Concen: 20.666 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 77 Resp: 93957
Ion Ratio Lower Upper
77 100
97 24.1 12.4 37.4

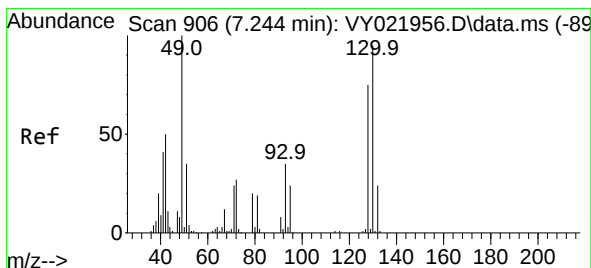
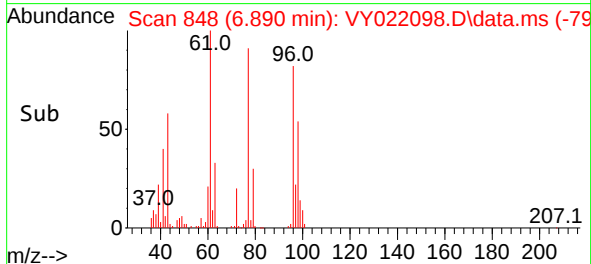
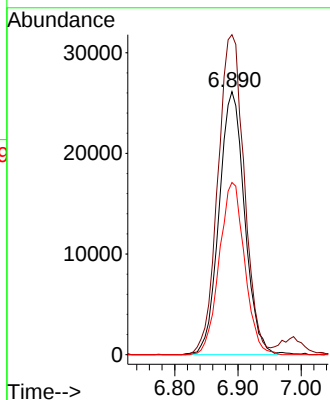
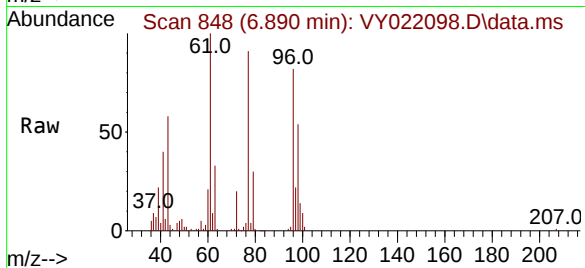




#27
 cis-1,2-Dichloroethene
 Concen: 20.218 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY022098.D
 Acq: 01 May 2025 11:04

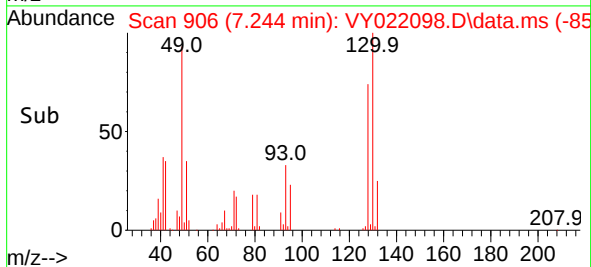
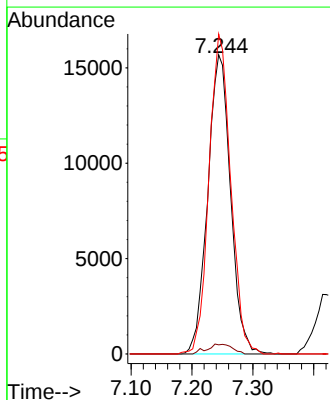
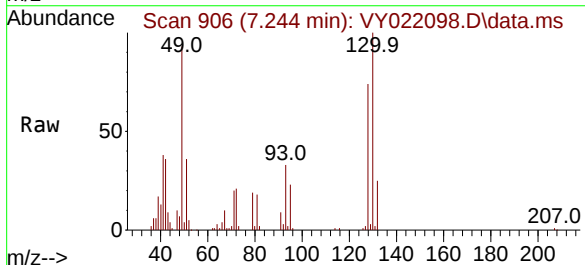
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

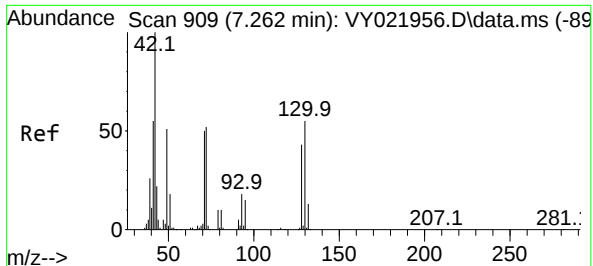
Tgt Ion:	96	Resp:	73121
Ion	Ratio	Lower	Upper
96	100		
61	125.8	0.0	251.4
98	65.1	0.0	128.4



#28
 Bromochloromethane
 Concen: 20.239 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022098.D
 Acq: 01 May 2025 11:04

Tgt Ion:	49	Resp:	40778
Ion	Ratio	Lower	Upper
49	100		
129	3.6	0.0	5.0
130	102.0	78.2	117.4

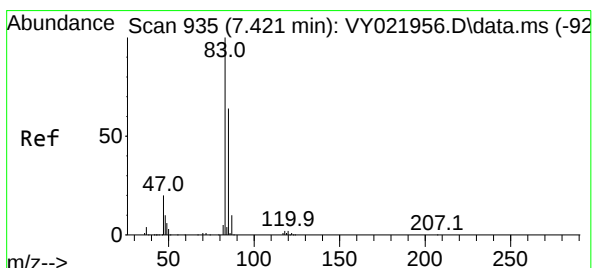
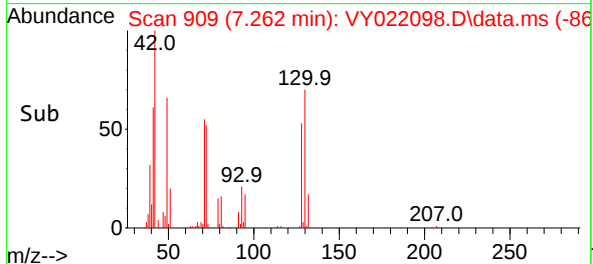
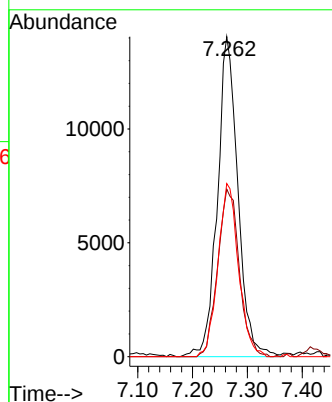
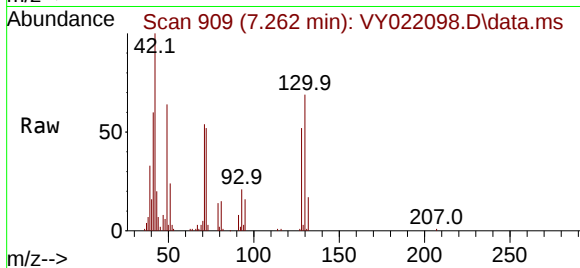




#29
Tetrahydrofuran
Concen: 91.944 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

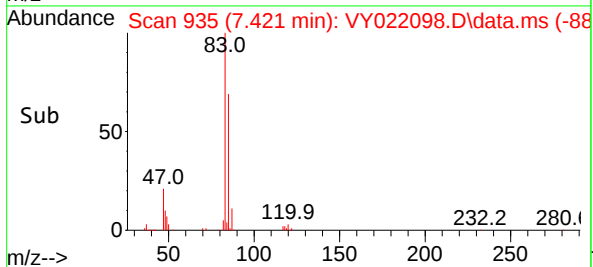
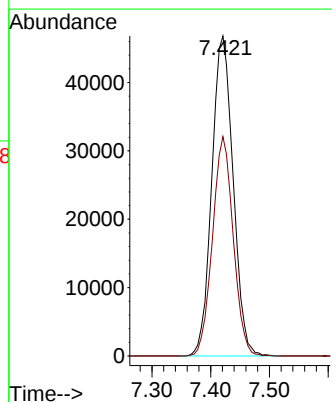
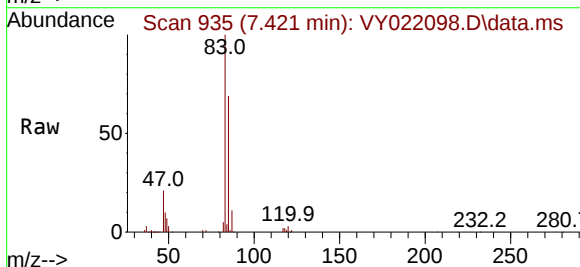
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

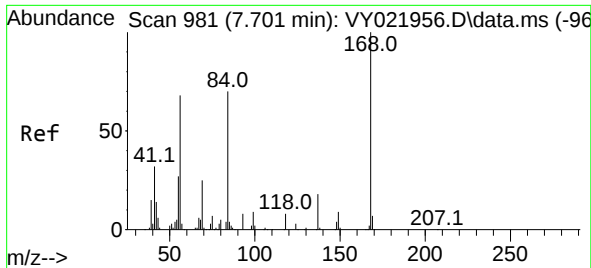
Tgt Ion: 42 Resp: 36527
Ion Ratio Lower Upper
42 100
72 55.2 42.6 63.8
71 54.3 40.6 61.0



#30
Chloroform
Concen: 20.495 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 83 Resp: 117923
Ion Ratio Lower Upper
83 100
85 68.5 51.3 76.9

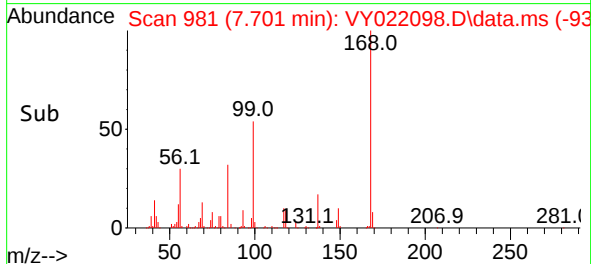
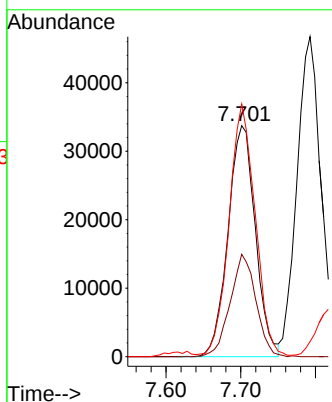
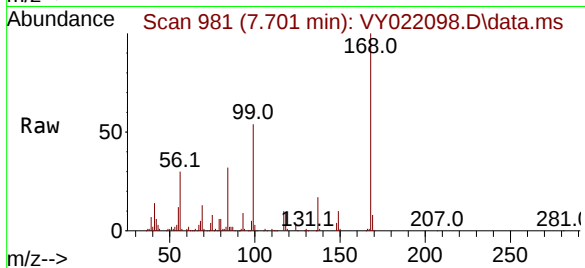




#31
Cyclohexane
Concen: 19.408 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

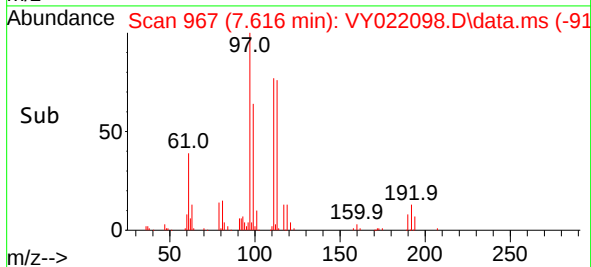
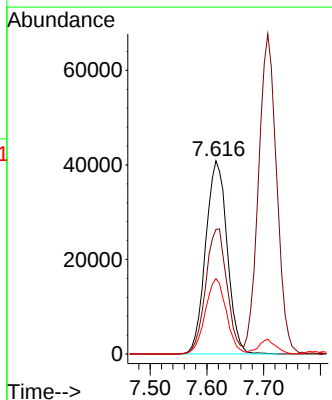
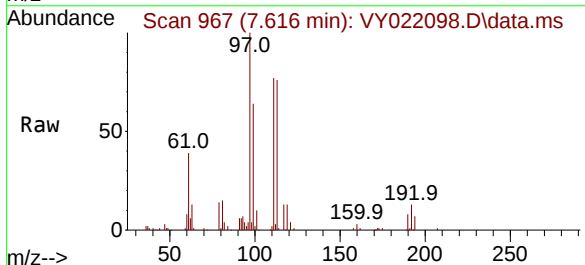
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tgt Ion: 56 Resp: 86092
Ion Ratio Lower Upper
56 100
69 44.3 29.4 44.2#
84 107.4 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 20.661 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 97 Resp: 107555
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 38.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 49.625 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

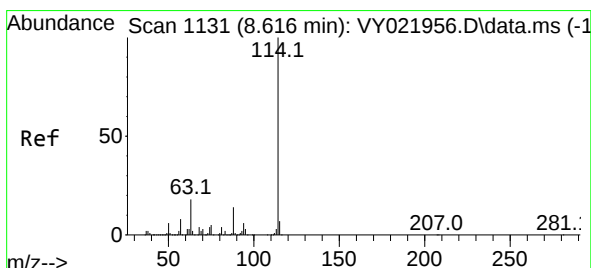
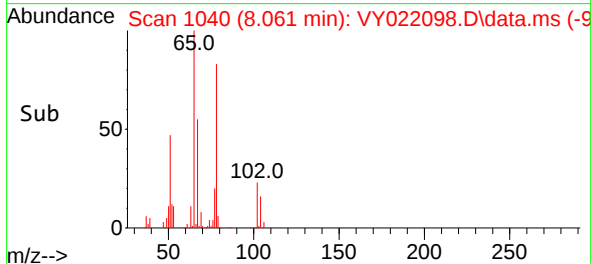
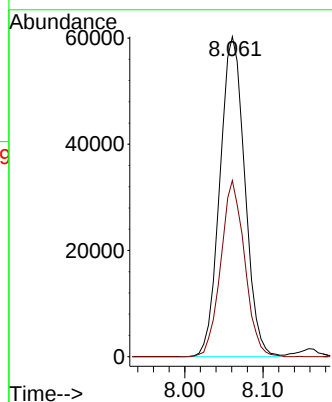
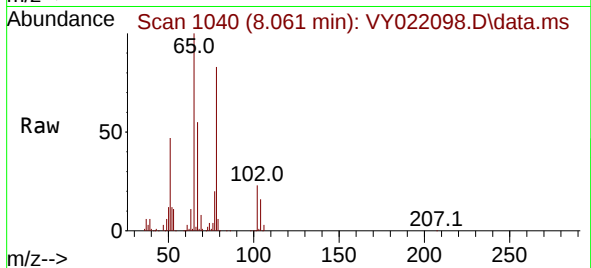
VY0501SBSD01

Tgt Ion: 65 Resp: 133167

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

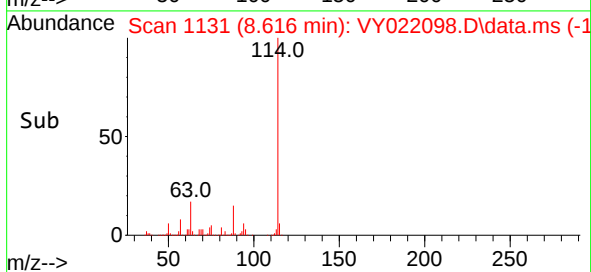
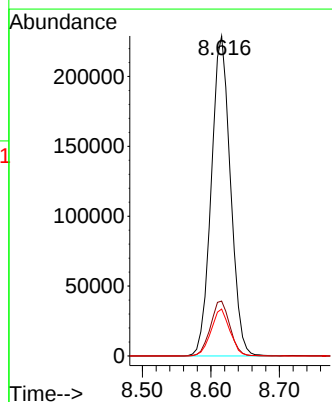
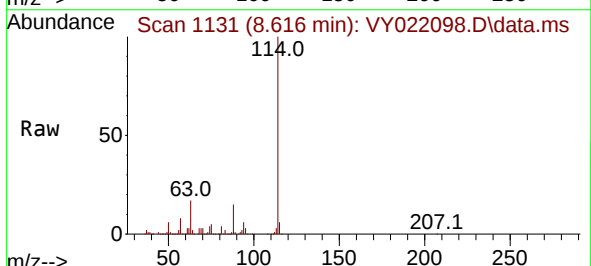
Tgt Ion:114 Resp: 444556

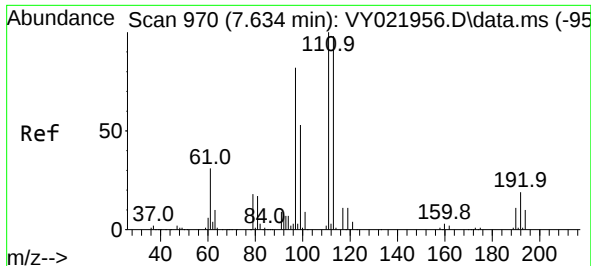
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.4

88 14.7 0.0 28.2

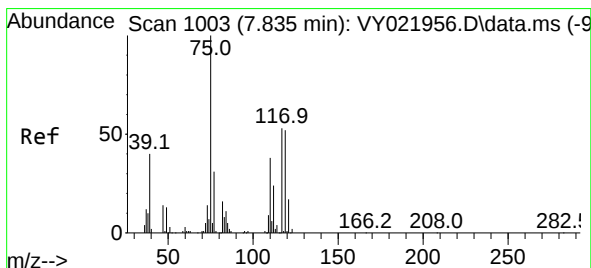
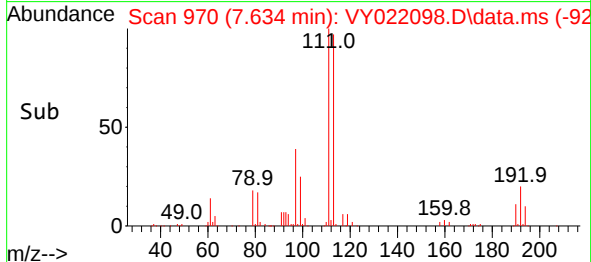
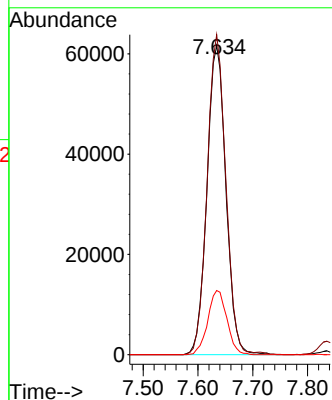
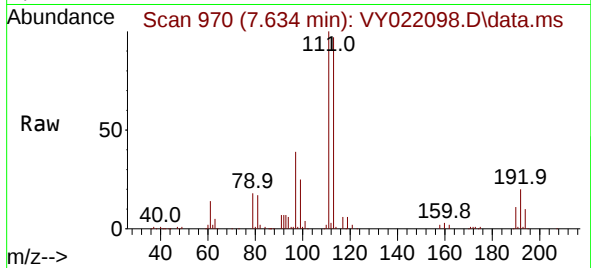




#35
Dibromofluoromethane
Concen: 50.252 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

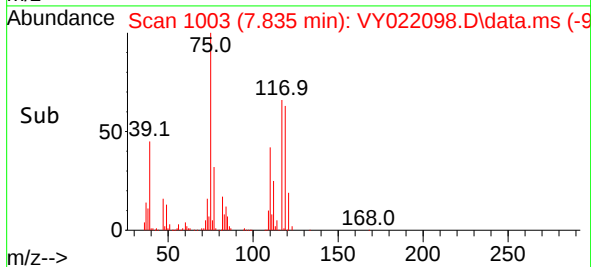
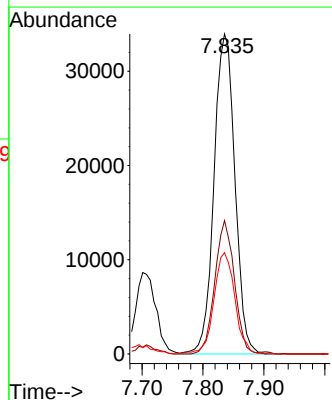
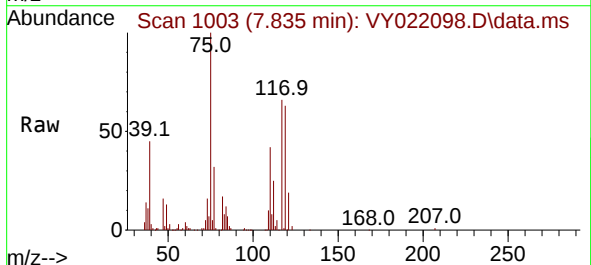
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

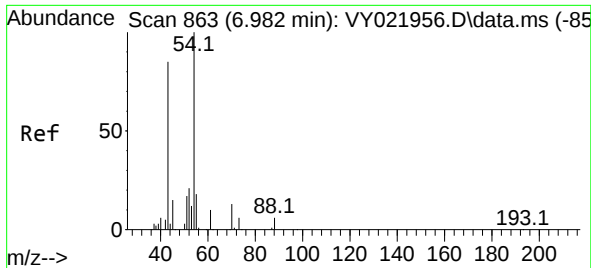
Tgt Ion:113 Resp: 147589
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 20.9 15.6 23.4



#36
1,1-Dichloropropene
Concen: 20.556 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 75 Resp: 81098
Ion Ratio Lower Upper
75 100
110 38.9 19.1 57.3
77 31.7 25.5 38.3

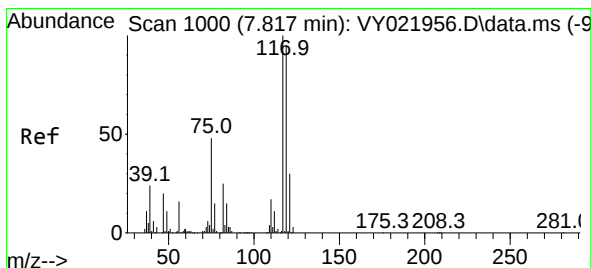
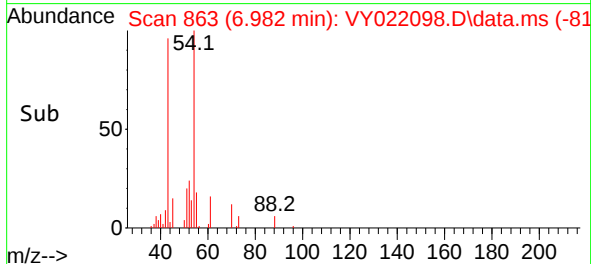
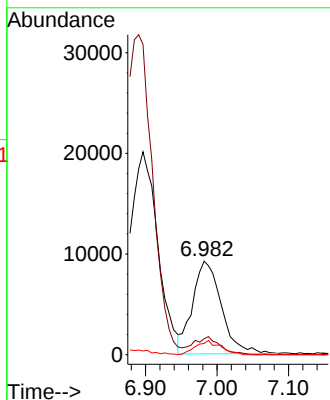
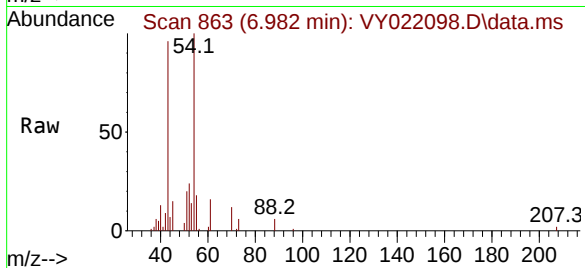




#37
Ethyl Acetate
Concen: 18.190 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

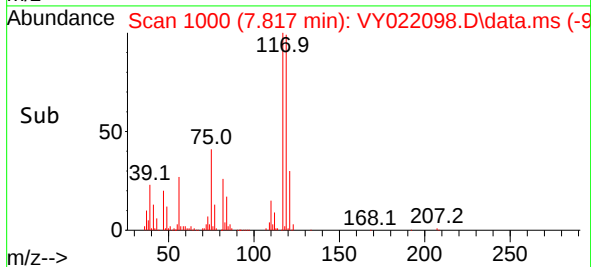
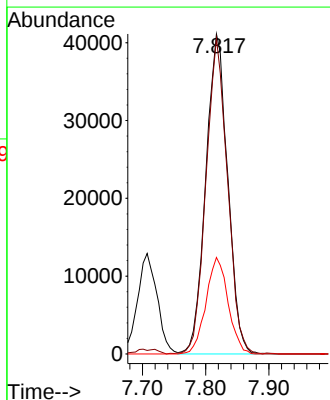
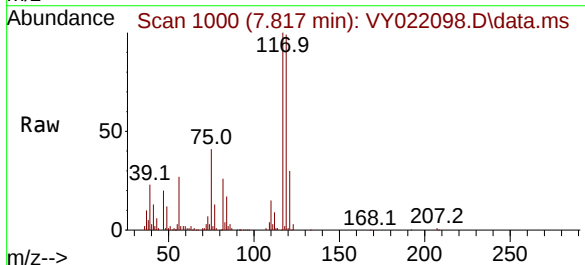
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

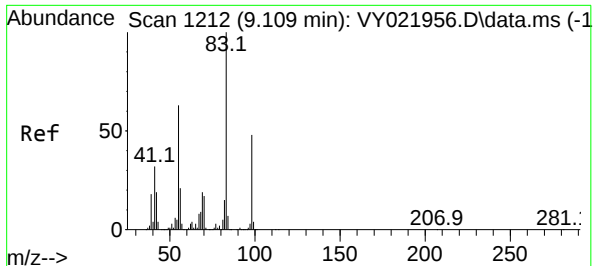
Tgt Ion: 43 Resp: 25774
Ion Ratio Lower Upper
43 100
61 17.7 13.8 20.6
70 13.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 21.026 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 117 Resp: 99120
Ion Ratio Lower Upper
117 100
119 98.6 76.2 114.4
121 30.1 24.0 36.0





#39

Methylcyclohexane

Concen: 19.078 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

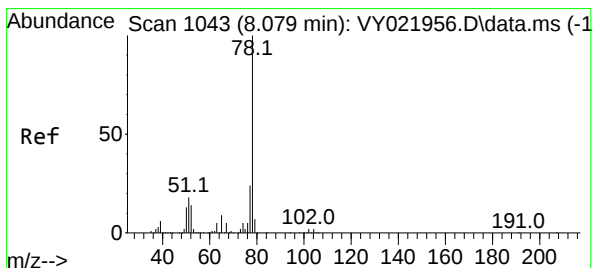
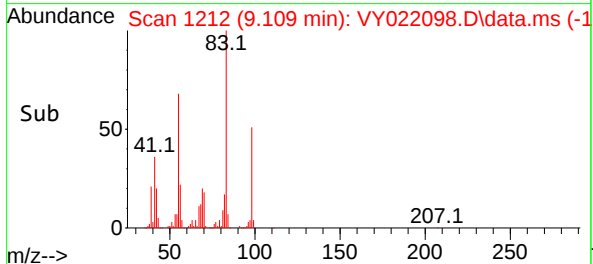
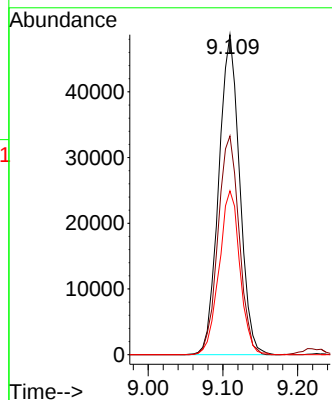
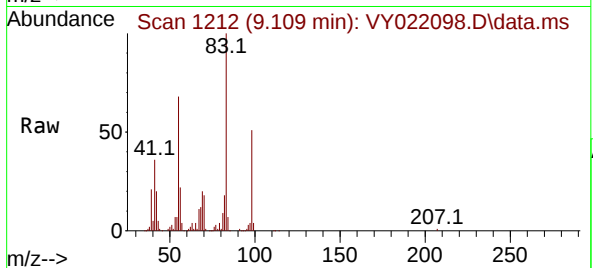
Tgt Ion: 83 Resp: 94719

Ion Ratio Lower Upper

83 100

55 68.3 50.6 75.8

98 51.2 38.6 58.0



#40

Benzene

Concen: 20.839 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022098.D

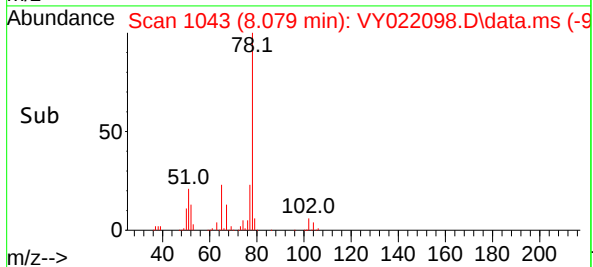
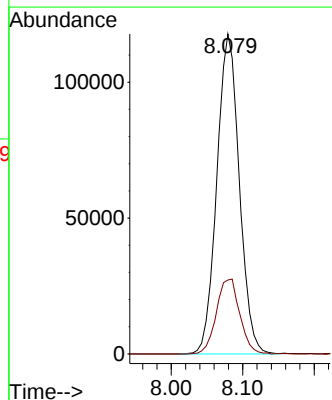
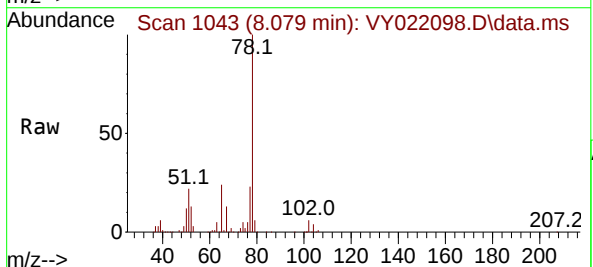
Acq: 01 May 2025 11:04

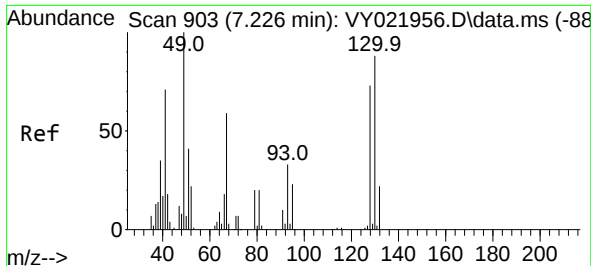
Tgt Ion: 78 Resp: 256988

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9

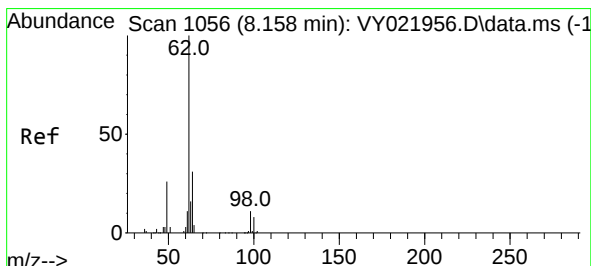
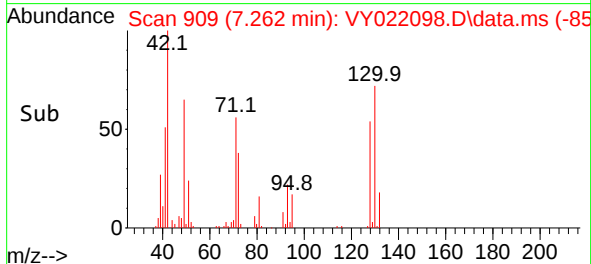
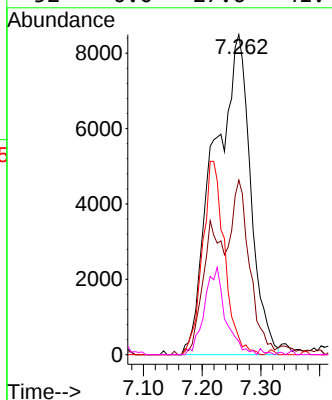
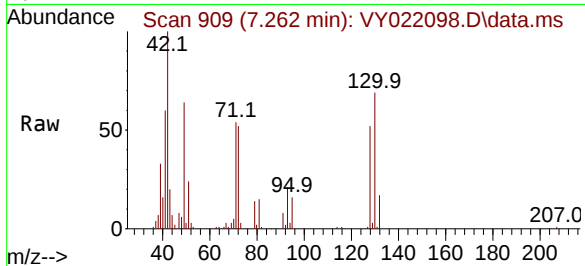




#41
Methacrylonitrile
Concen: 47.368 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.037 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

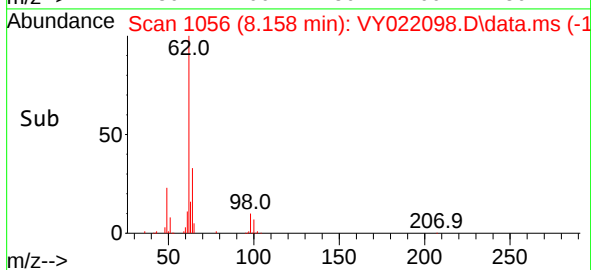
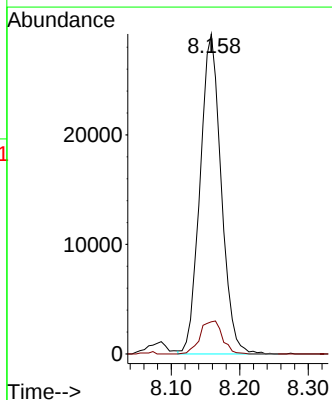
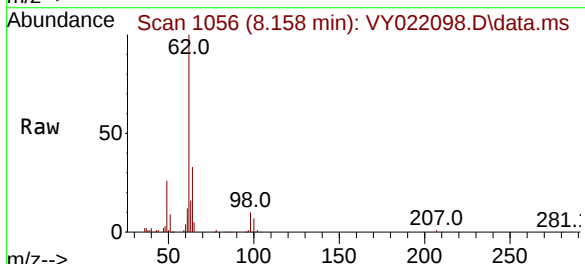
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

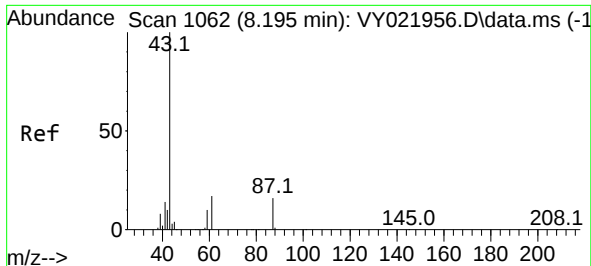
Tgt Ion: 41 Resp: 36689
Ion Ratio Lower Upper
41 100
39 28.7 36.6 55.0#
67 0.0 72.2 108.4#
52 0.0 27.6 41.4#



#42
1,2-Dichloroethane
Concen: 20.531 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 62 Resp: 62688
Ion Ratio Lower Upper
62 100
98 10.9 0.0 22.0

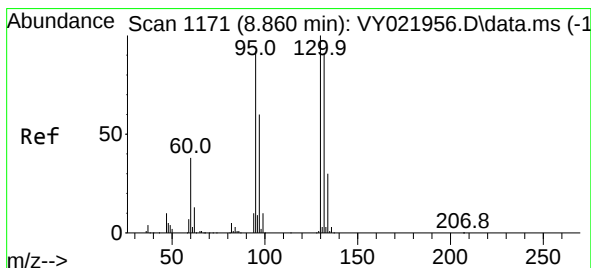
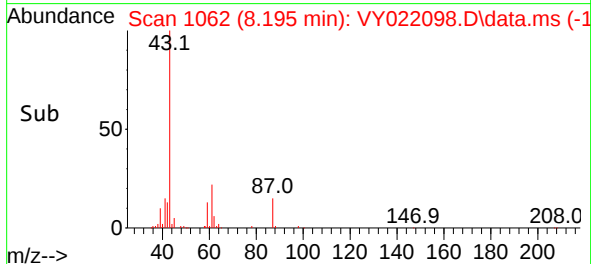
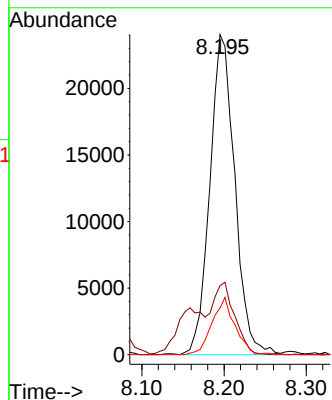
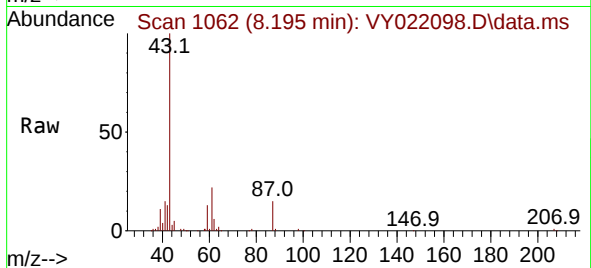




#43
Isopropyl Acetate
Concen: 18.650 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

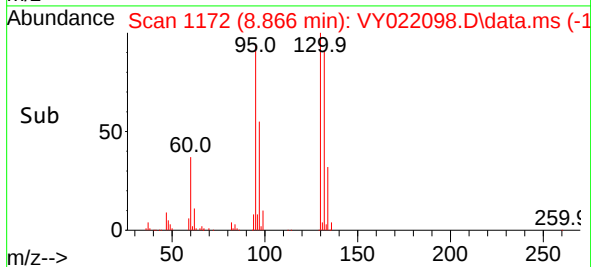
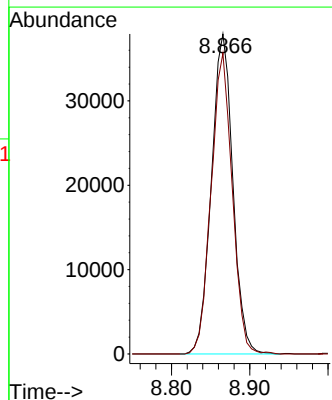
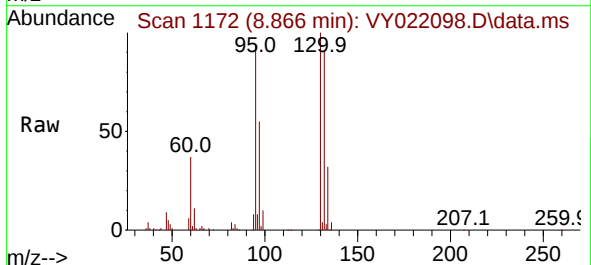
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

Tgt Ion: 43 Resp: 50748
Ion Ratio Lower Upper
43 100
61 20.4 18.9 28.3
87 16.2 13.7 20.5



#44
Trichloroethene
Concen: 21.097 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion:130 Resp: 72064
Ion Ratio Lower Upper
130 100
95 94.0 0.0 183.2





#45

1,2-Dichloropropane

Concen: 20.950 ug/l

RT: 9.140 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

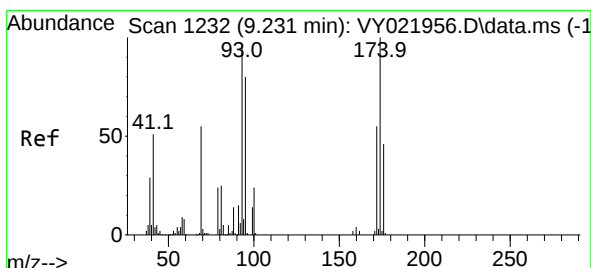
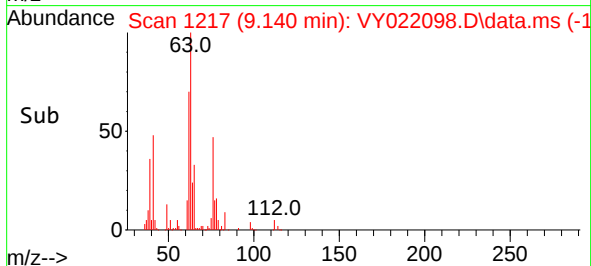
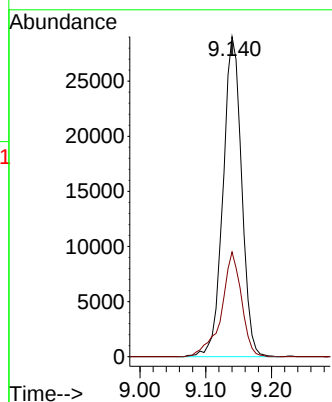
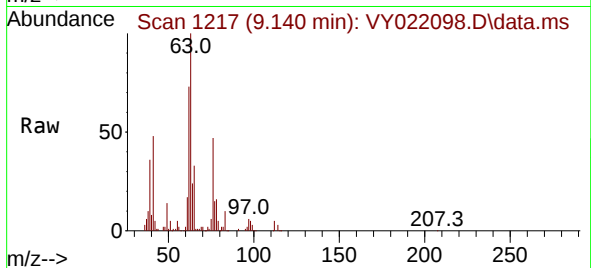
VY0501SBSD01

Tgt Ion: 63 Resp: 57135

Ion Ratio Lower Upper

63 100

65 32.7 25.2 37.8



#46

Dibromomethane

Concen: 20.313 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

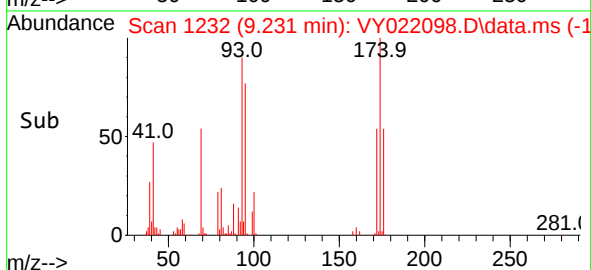
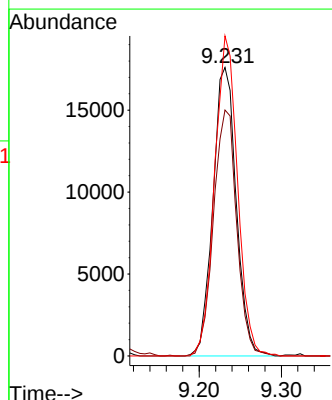
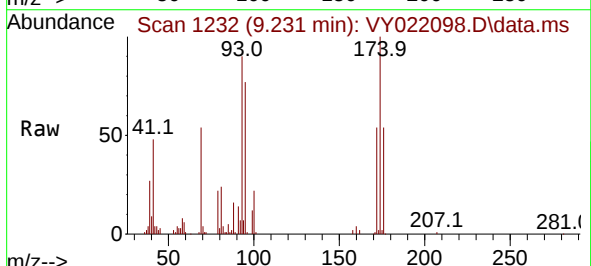
Tgt Ion: 93 Resp: 34679

Ion Ratio Lower Upper

93 100

95 85.1 66.7 100.1

174 109.1 84.6 127.0

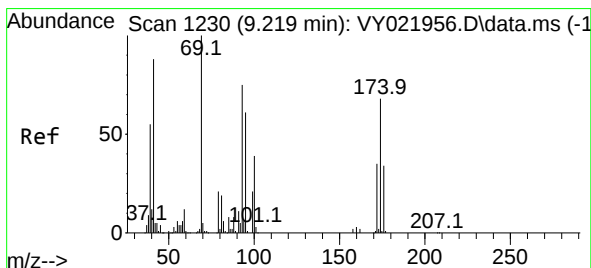
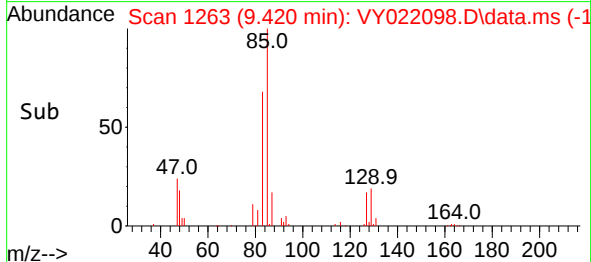
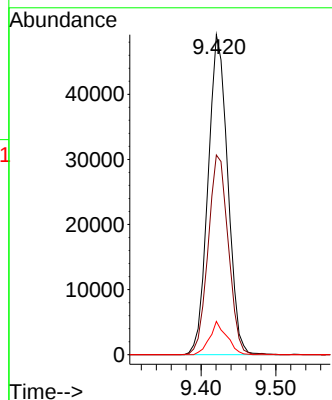
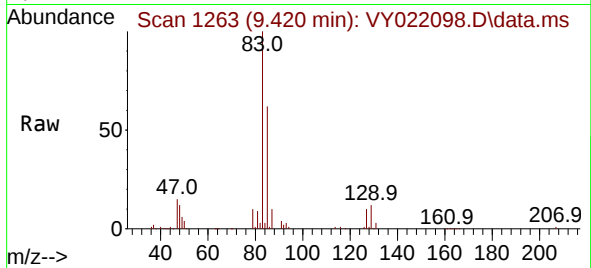




#47
Bromodichloromethane
Concen: 21.082 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

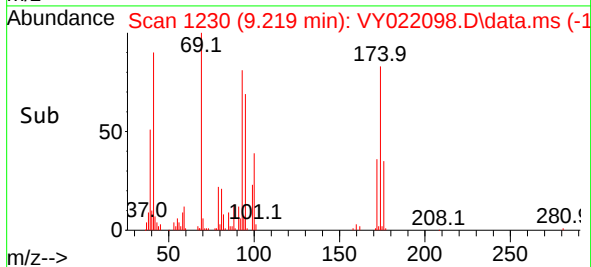
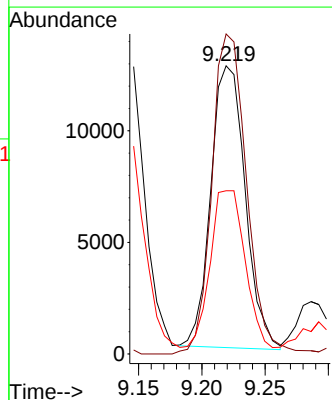
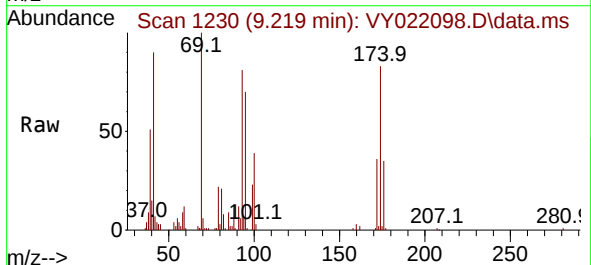
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

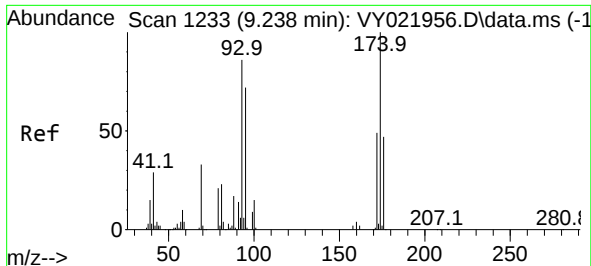
Tgt Ion: 83 Resp: 89913
Ion Ratio Lower Upper
83 100
85 62.4 51.8 77.8
127 10.4 7.0 10.6



#48
Methyl methacrylate
Concen: 18.986 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 41 Resp: 23882
Ion Ratio Lower Upper
41 100
69 114.4 85.5 128.3
39 56.6 46.2 69.4





#49

1,4-Dioxane

Concen: 400.852 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

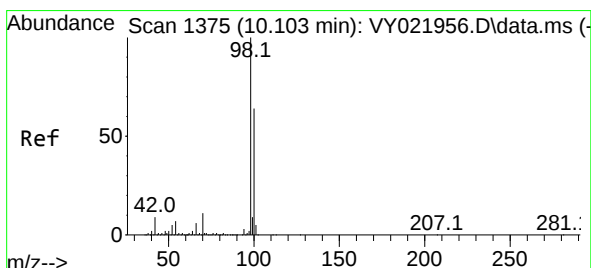
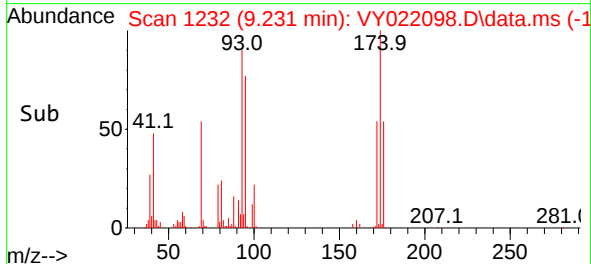
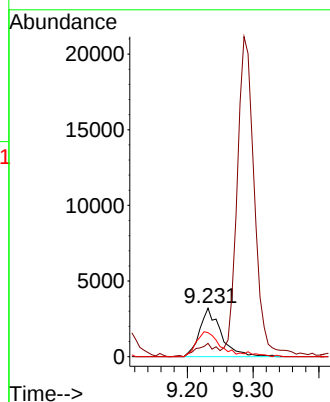
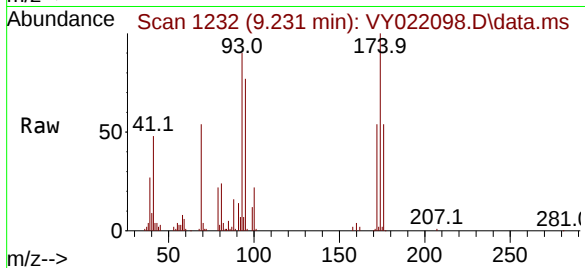
Tgt Ion: 88 Resp: 7294

Ion Ratio Lower Upper

88 100

43 24.2 21.3 31.9

58 56.1 50.5 75.7



#50

Toluene-d8

Concen: 51.372 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022098.D

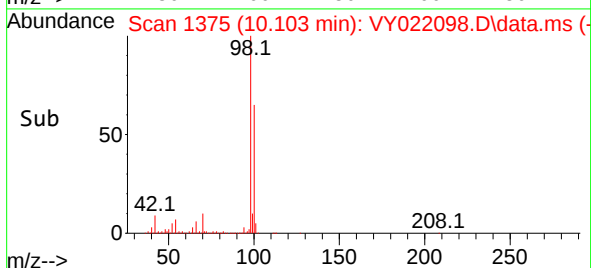
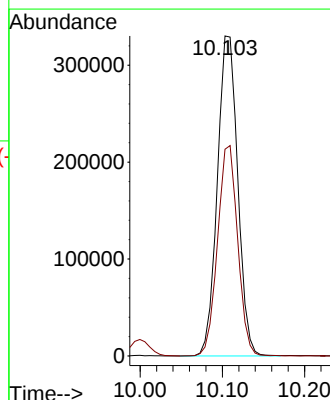
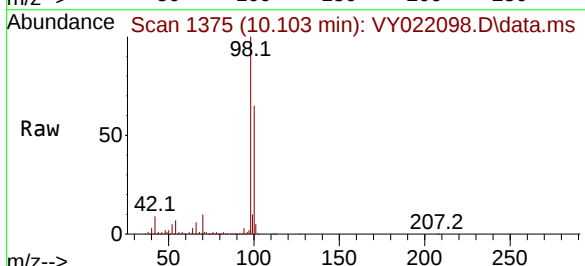
Acq: 01 May 2025 11:04

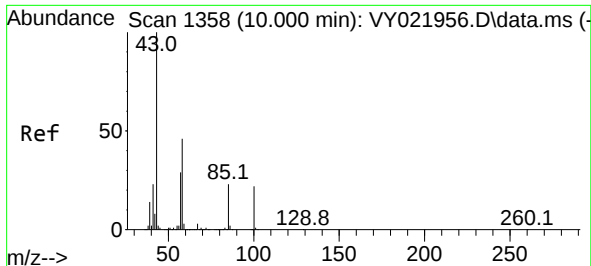
Tgt Ion: 98 Resp: 568815

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4

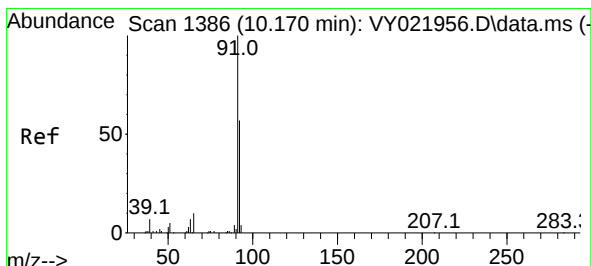
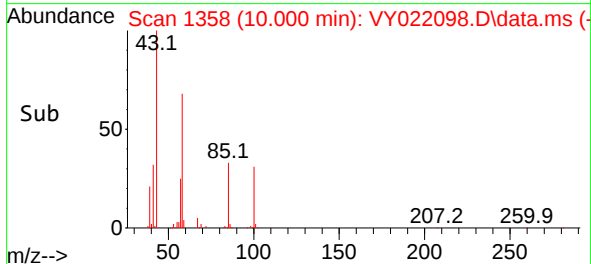
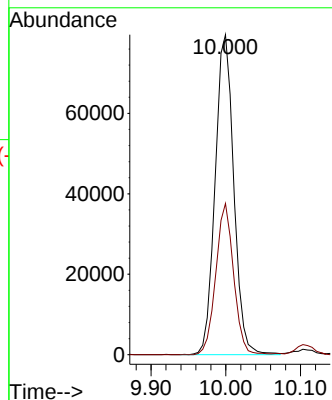
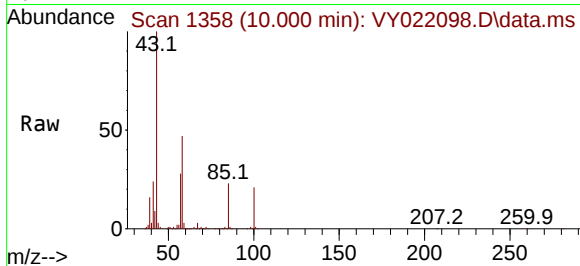




#51
4-Methyl-2-Pentanone
Concen: 96.608 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

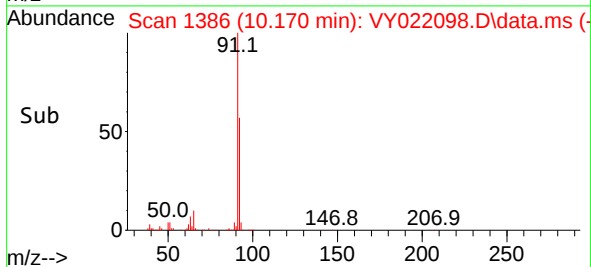
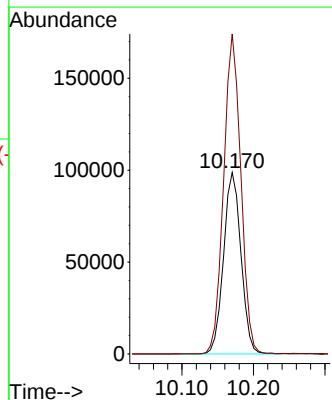
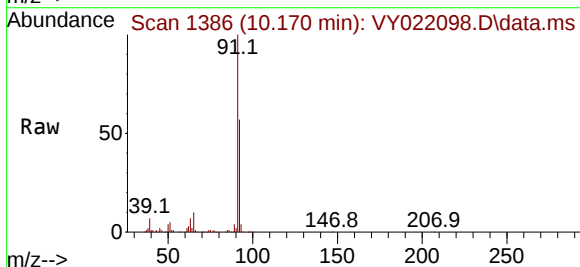
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

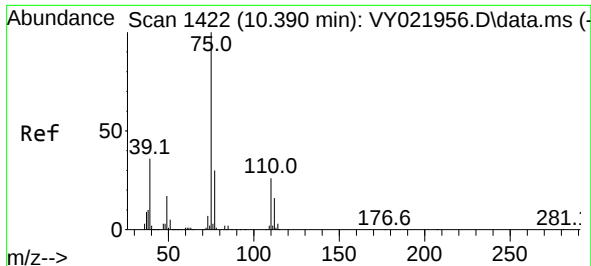
Tgt Ion: 43 Resp: 137802
Ion Ratio Lower Upper
43 100
58 45.1 36.6 55.0



#52
Toluene
Concen: 20.923 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 92 Resp: 167027
Ion Ratio Lower Upper
92 100
91 174.2 138.6 207.8

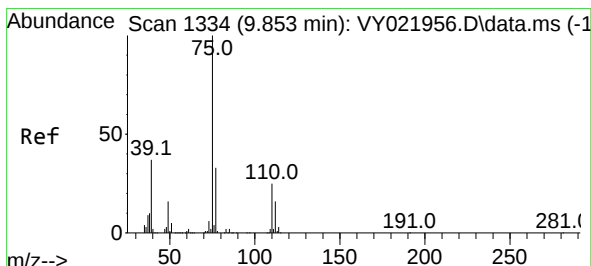
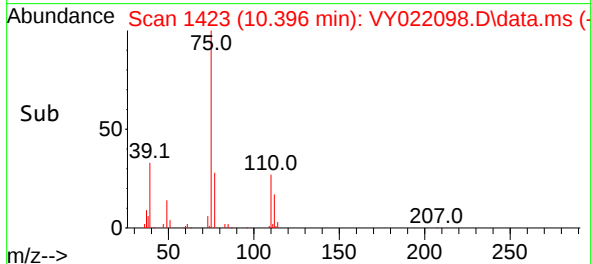
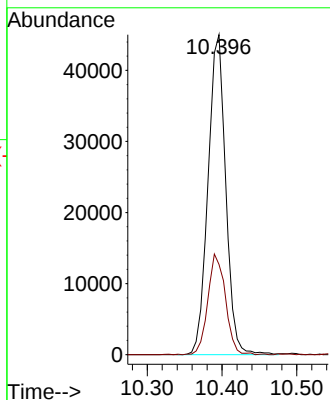
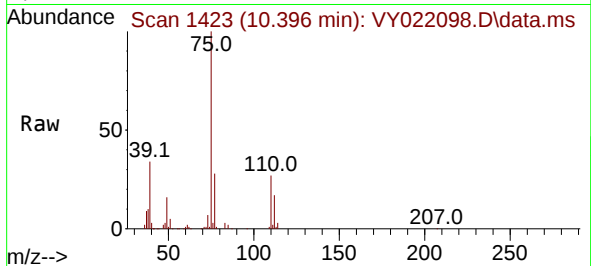




#53
 t-1,3-Dichloropropene
 Concen: 20.236 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022098.D
 Acq: 01 May 2025 11:04

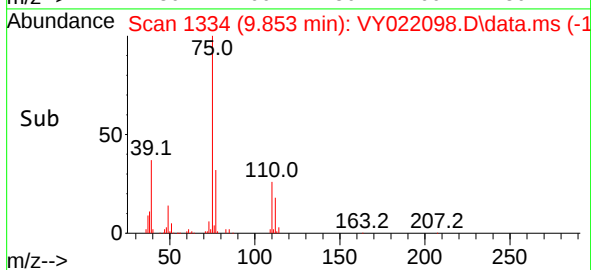
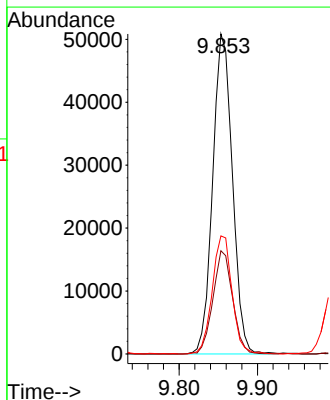
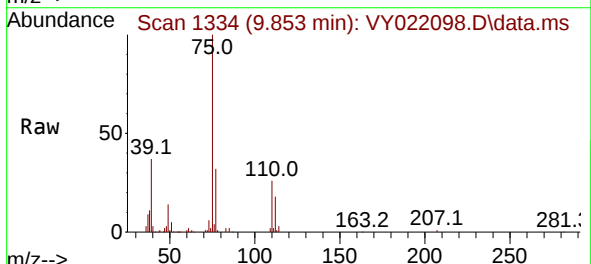
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

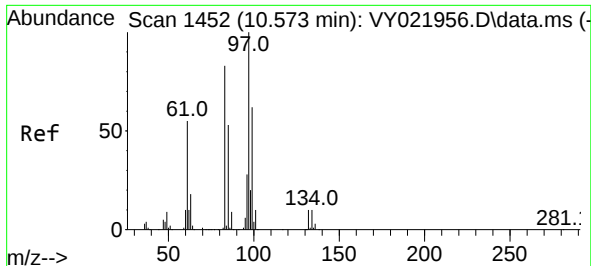
Tgt Ion: 75 Resp: 74028
 Ion Ratio Lower Upper
 75 100
 77 28.1 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.469 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY022098.D
 Acq: 01 May 2025 11:04

Tgt Ion: 75 Resp: 89009
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.6 40.0
 39 36.9 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 20.821 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

Tgt Ion: 97 Resp: 47481

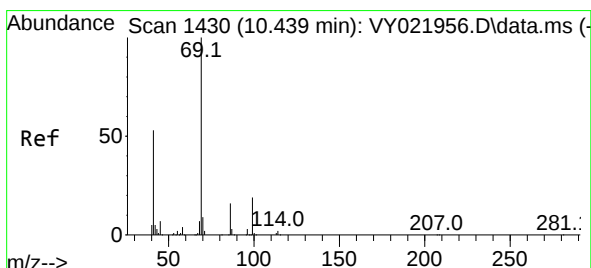
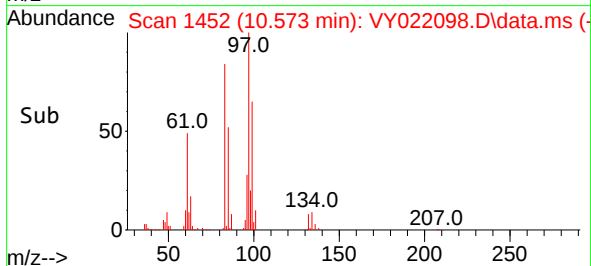
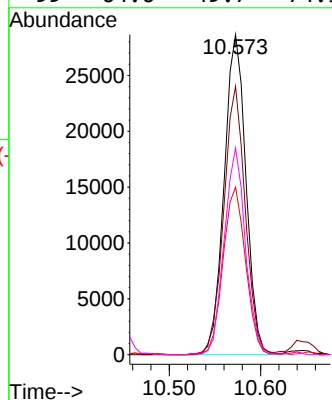
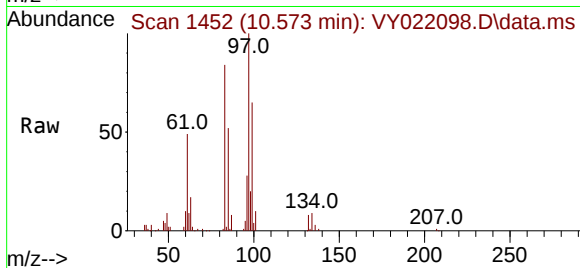
Ion Ratio Lower Upper

97 100

83 83.8 66.7 100.1

85 52.3 42.6 64.0

99 64.6 49.7 74.5



#56

Ethyl methacrylate

Concen: 18.297 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

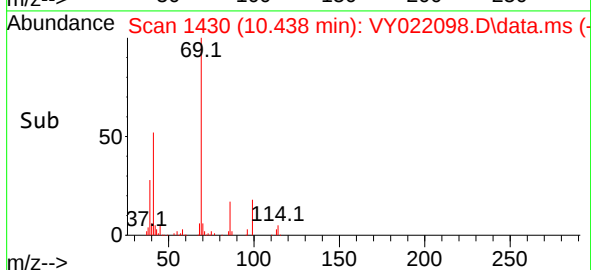
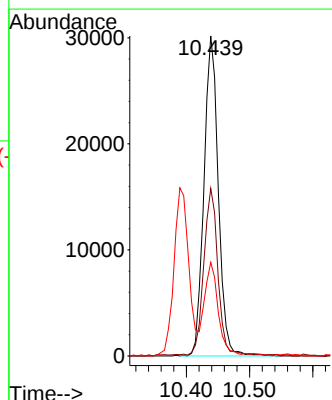
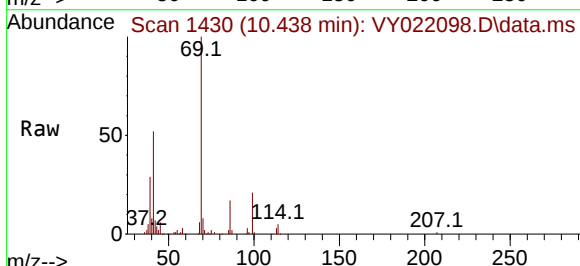
Tgt Ion: 69 Resp: 47715

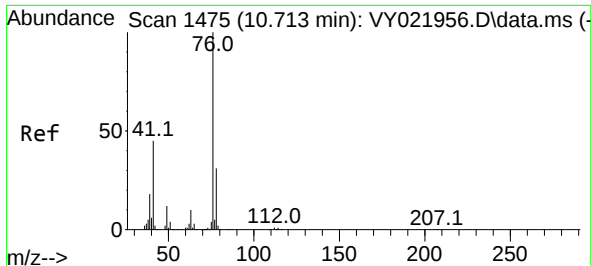
Ion Ratio Lower Upper

69 100

41 51.3 40.7 61.1

39 26.7 23.3 34.9





#57

1,3-Dichloropropane

Concen: 20.630 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

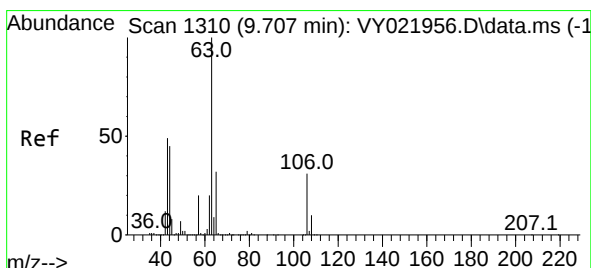
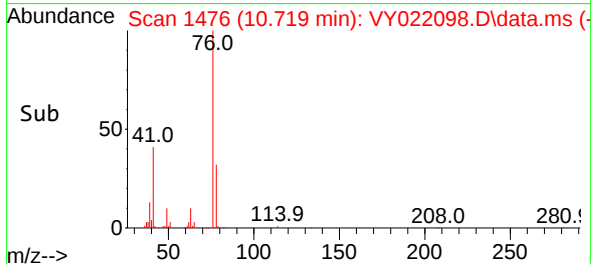
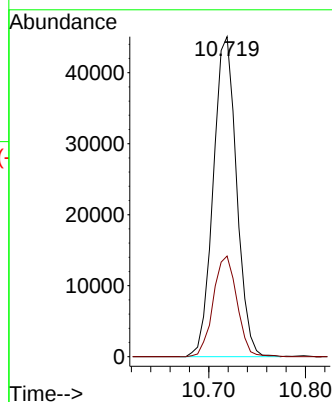
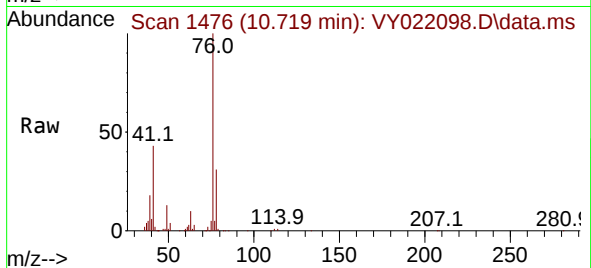
VY0501SBSD01

Tgt Ion: 76 Resp: 75422

Ion Ratio Lower Upper

76 100

78 32.1 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.059 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022098.D

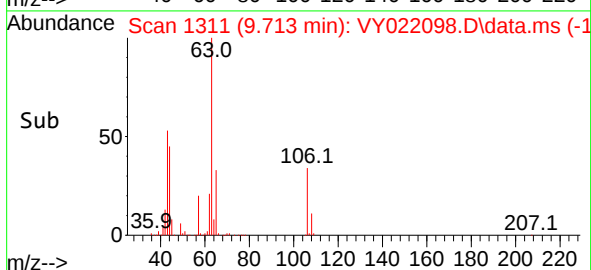
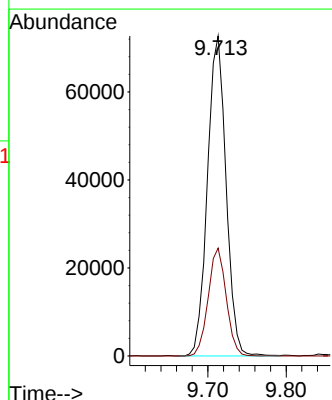
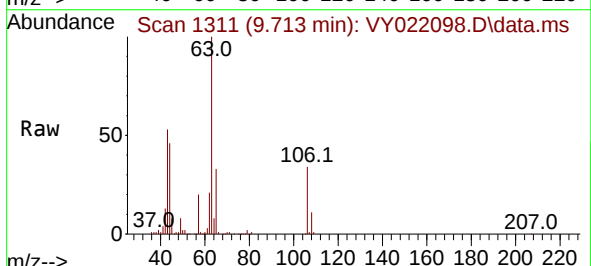
Acq: 01 May 2025 11:04

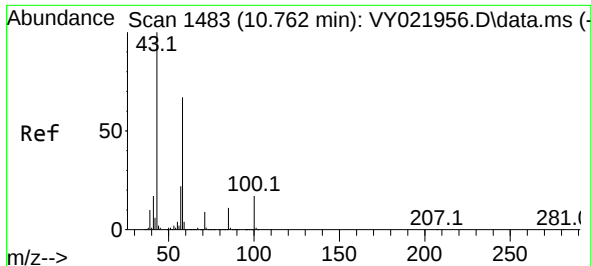
Tgt Ion: 63 Resp: 119931

Ion Ratio Lower Upper

63 100

106 32.6 25.3 37.9

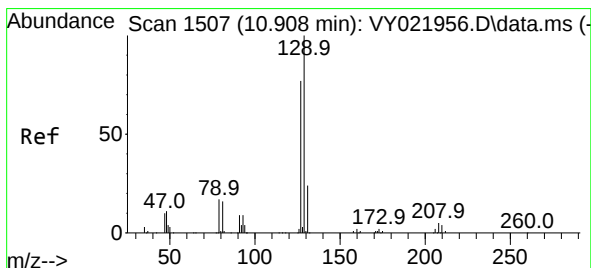
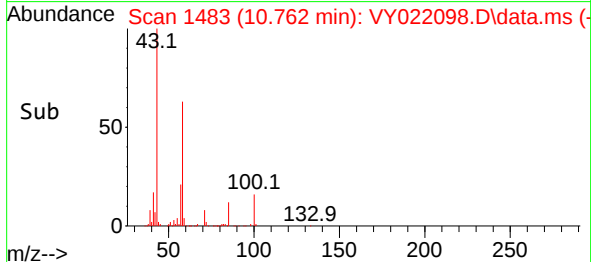
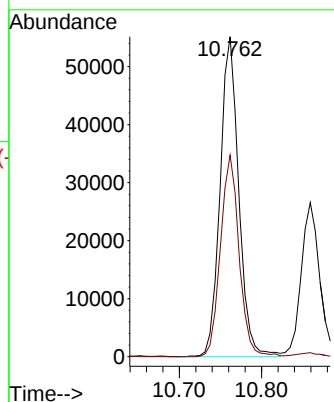
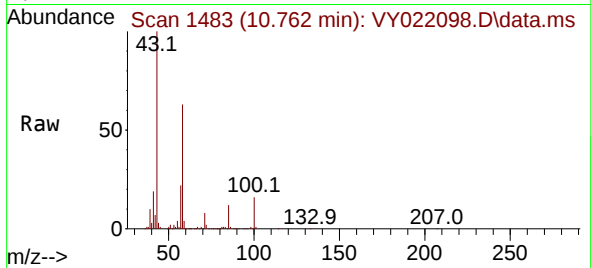




#59
2-Hexanone
Concen: 92.361 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

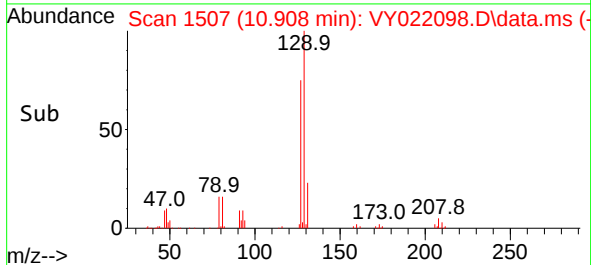
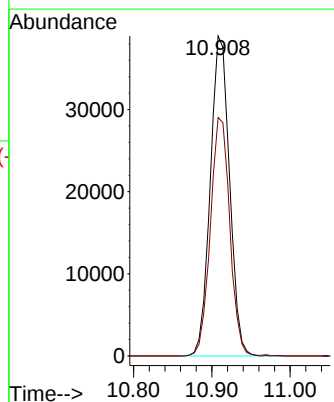
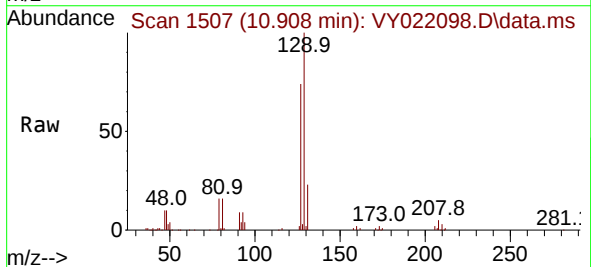
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

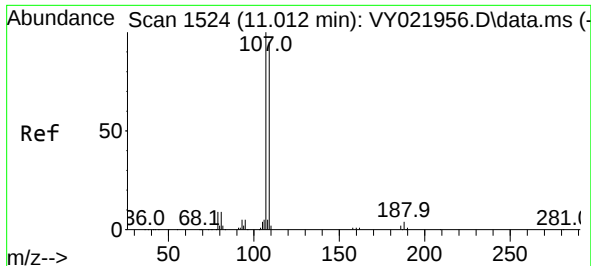
Tgt Ion: 43 Resp: 86896
Ion Ratio Lower Upper
43 100
58 62.9 32.0 96.0



#60
Dibromochloromethane
Concen: 21.050 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 129 Resp: 66460
Ion Ratio Lower Upper
129 100
127 75.1 38.5 115.3

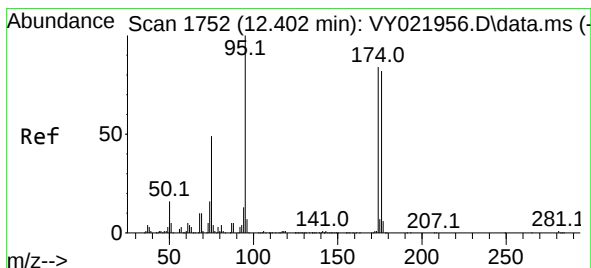
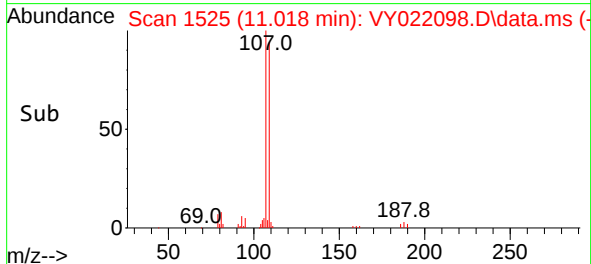
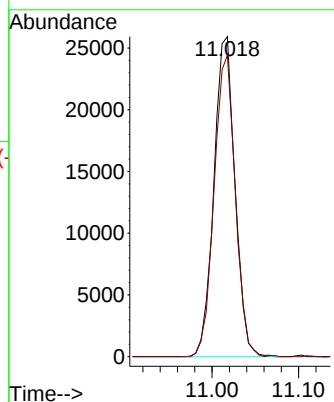
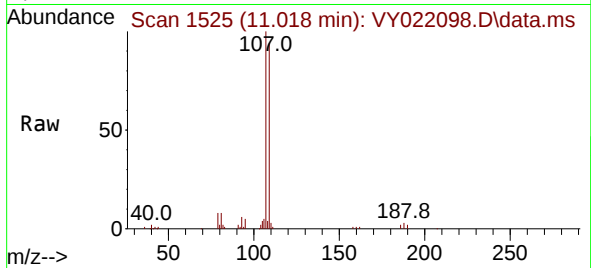




#61
1,2-Dibromoethane
Concen: 20.362 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

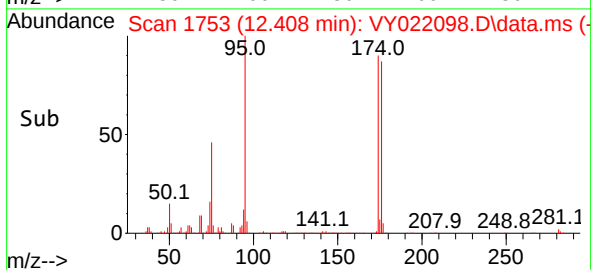
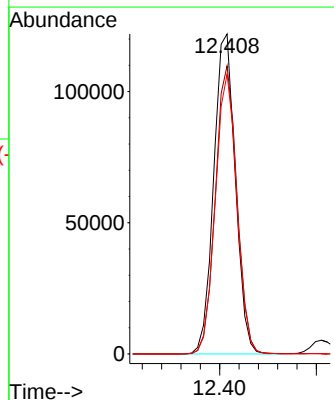
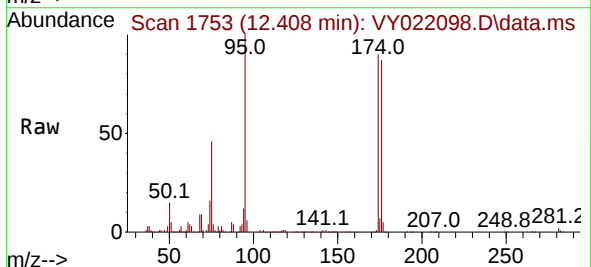
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

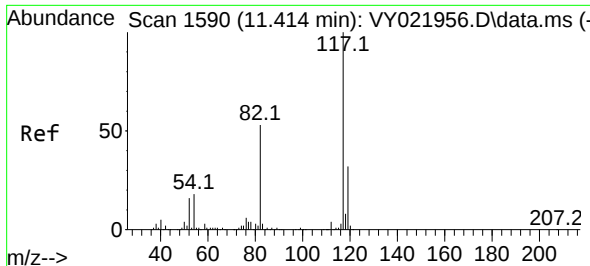
Tgt Ion:107 Resp: 43838
Ion Ratio Lower Upper
107 100
109 94.5 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.667 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 95 Resp: 188857
Ion Ratio Lower Upper
95 100
174 89.8 0.0 179.0
176 87.2 0.0 171.8

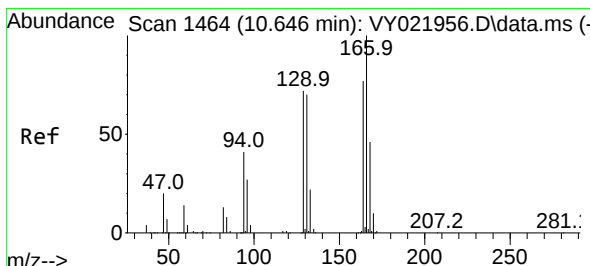
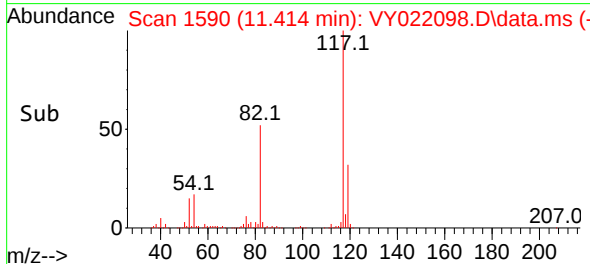
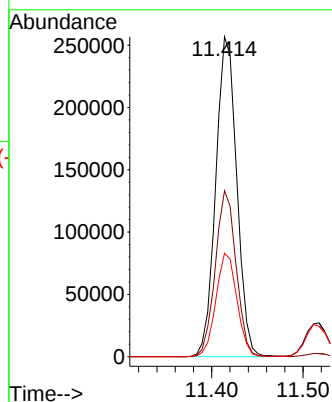
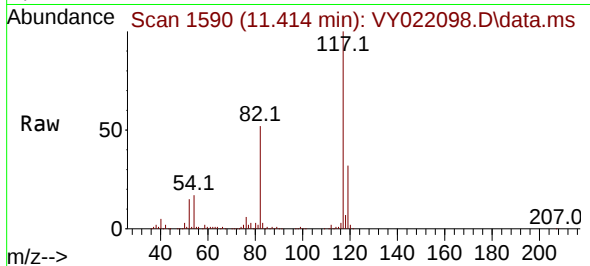




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

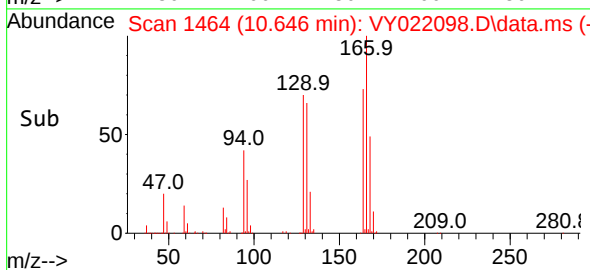
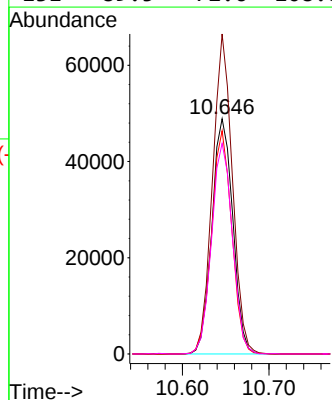
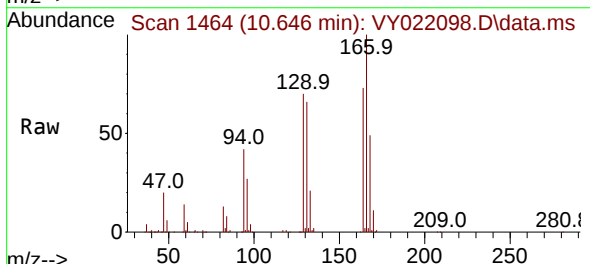
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

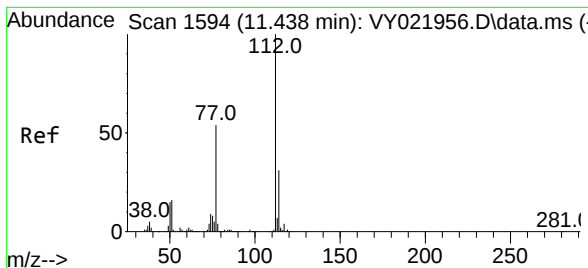
Tgt Ion:117 Resp: 410264
Ion Ratio Lower Upper
117 100
82 51.8 42.1 63.1
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 21.188 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion:164 Resp: 82002
Ion Ratio Lower Upper
164 100
166 136.1 103.6 155.4
129 94.9 74.2 111.4
131 89.5 72.6 108.8

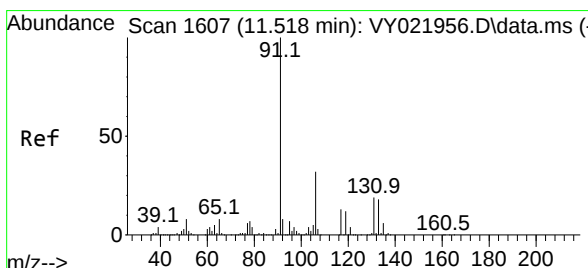
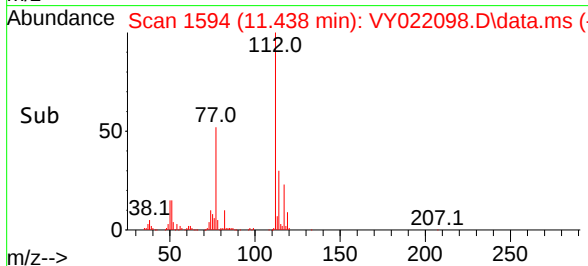
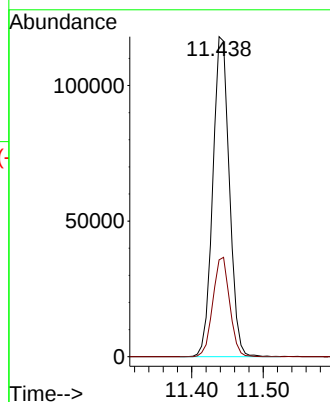
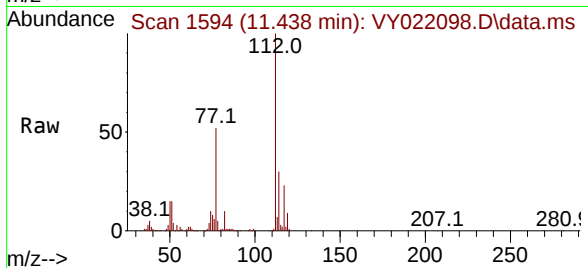




#65
Chlorobenzene
Concen: 20.714 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

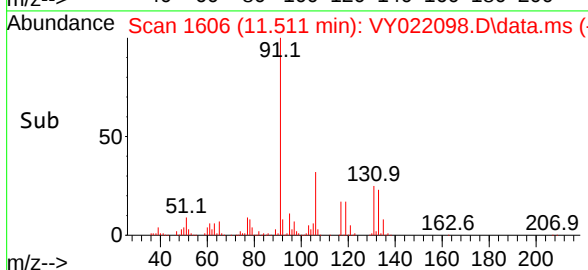
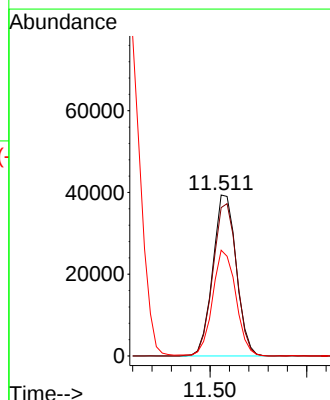
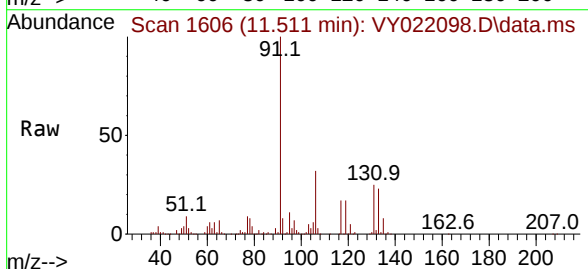
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

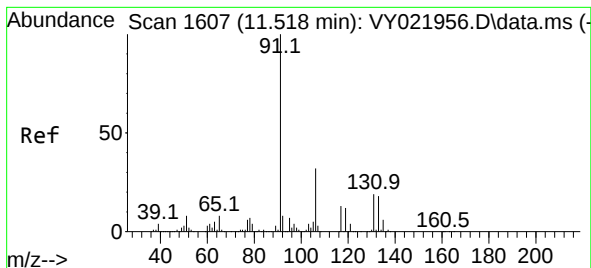
Tgt Ion:112 Resp: 190046
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.622 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion:131 Resp: 66608
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 64.9 32.4 97.0





#67

Ethyl Benzene

Concen: 19.811 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

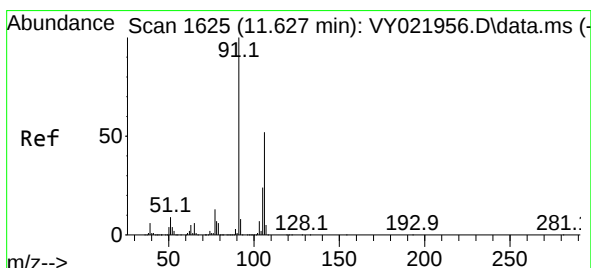
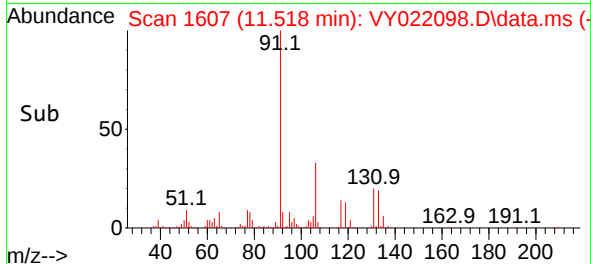
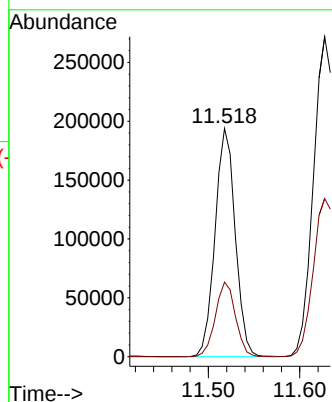
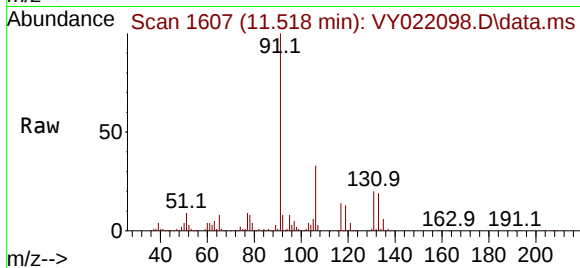
VY0501SBSD01

Tgt Ion: 91 Resp: 297326

Ion Ratio Lower Upper

91 100

106 32.6 25.9 38.9



#68

m/p-Xylenes

Concen: 41.012 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022098.D

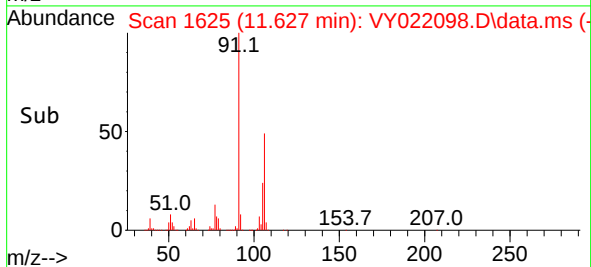
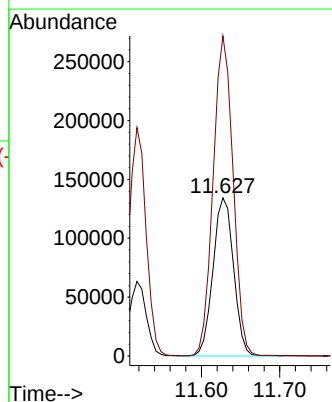
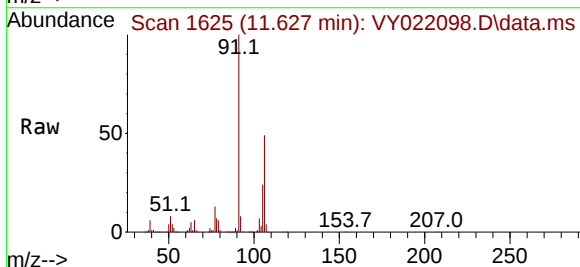
Acq: 01 May 2025 11:04

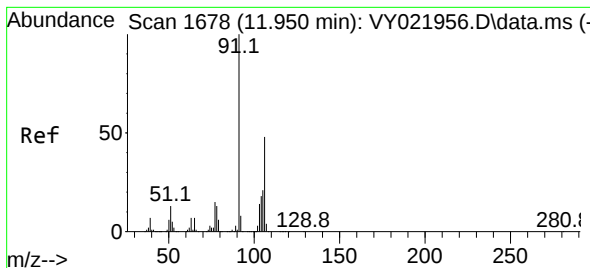
Tgt Ion: 106 Resp: 244927

Ion Ratio Lower Upper

106 100

91 196.7 156.2 234.2





#69

o-Xylene

Concen: 20.583 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

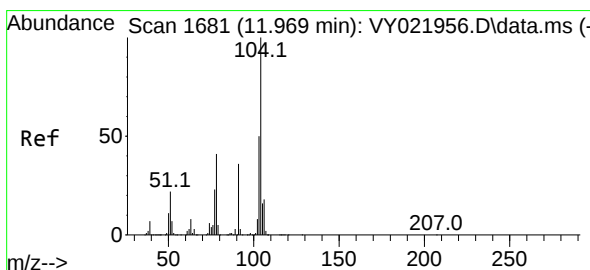
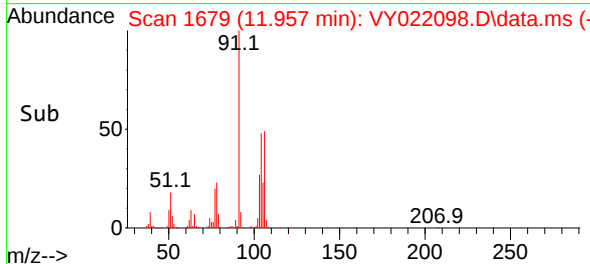
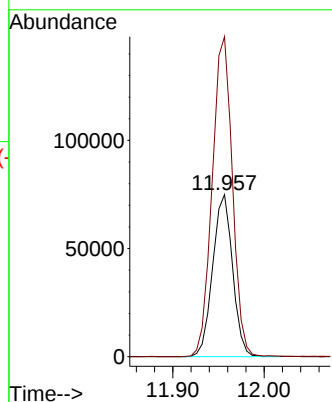
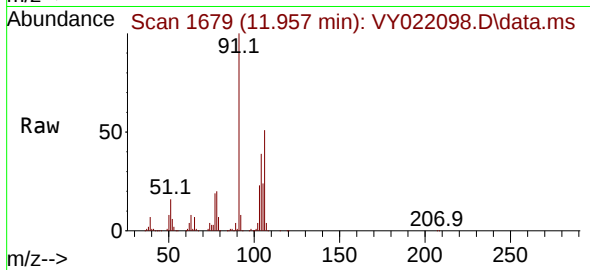
VY0501SBSD01

Tgt Ion:106 Resp: 113297

Ion Ratio Lower Upper

106 100

91 200.5 103.0 308.9



#70

Styrene

Concen: 20.527 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

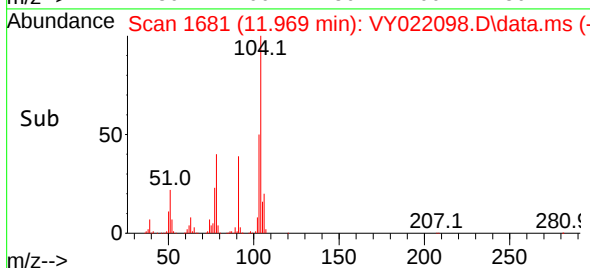
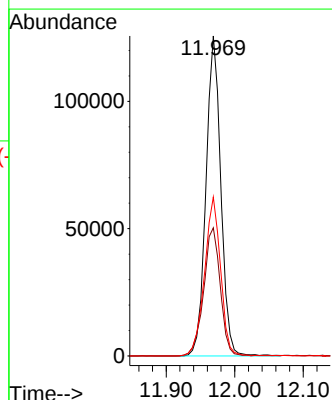
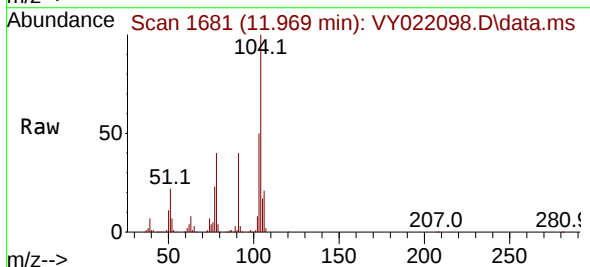
Tgt Ion:104 Resp: 189713

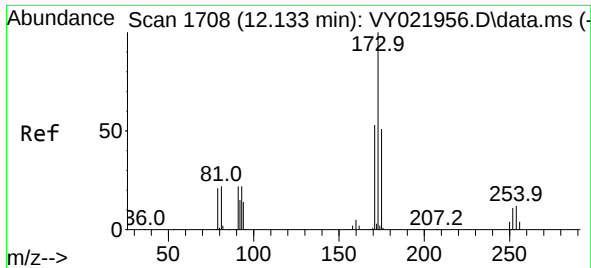
Ion Ratio Lower Upper

104 100

78 44.8 36.6 54.8

103 53.6 43.8 65.8

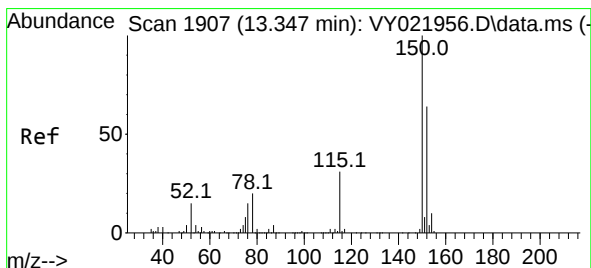
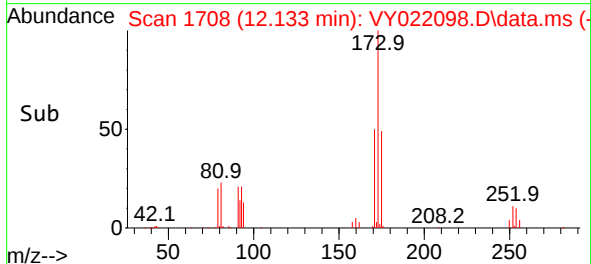
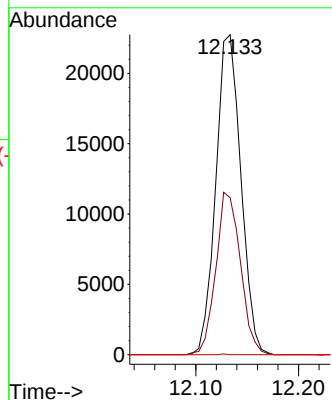
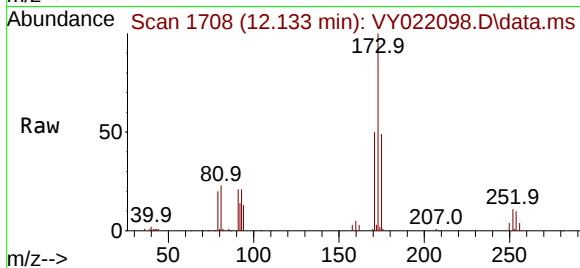




#71
Bromoform
Concen: 20.516 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

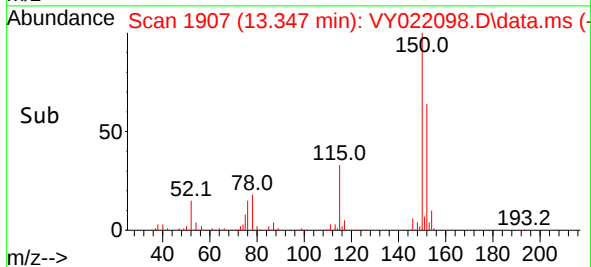
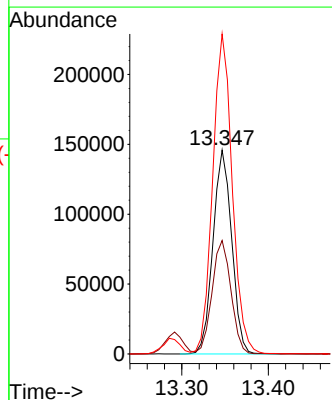
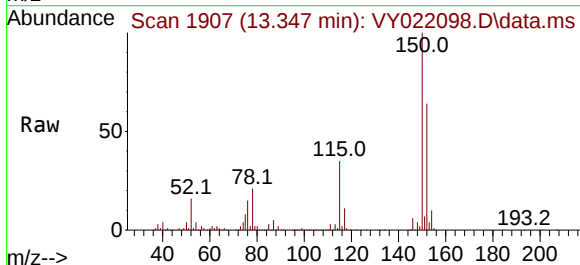
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

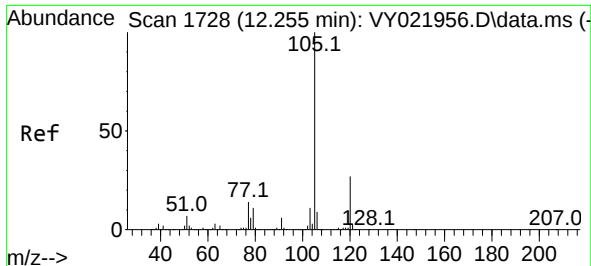
Tgt Ion:173 Resp: 38526
Ion Ratio Lower Upper
173 100
175 49.8 24.3 72.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion:152 Resp: 219160
Ion Ratio Lower Upper
152 100
115 56.2 28.0 84.0
150 164.0 0.0 345.6

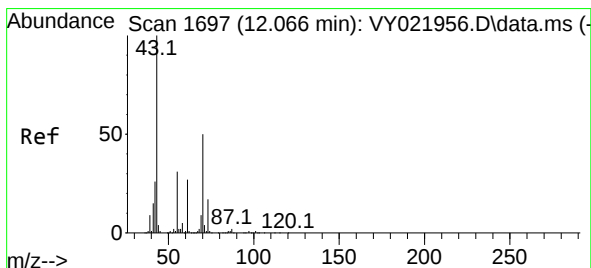
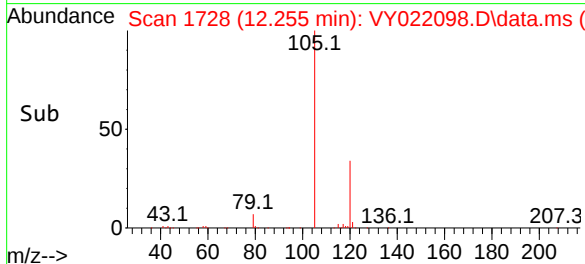
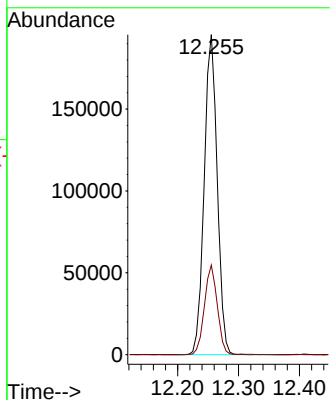
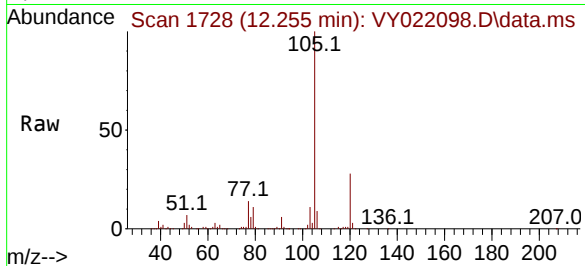




#73
Isopropylbenzene
Concen: 19.873 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

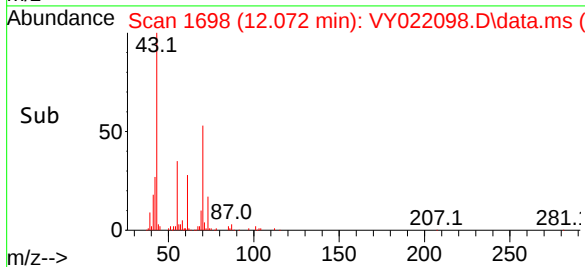
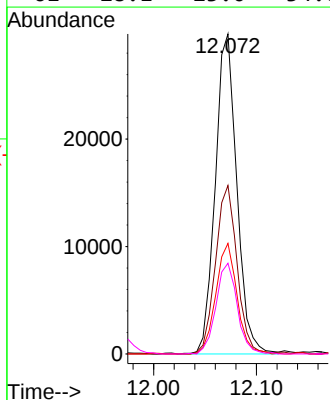
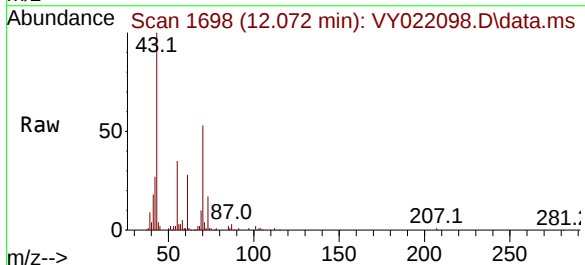
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

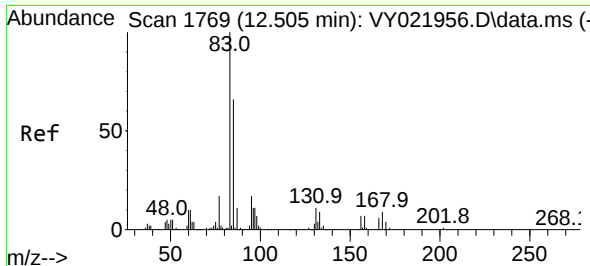
Tgt Ion:105 Resp: 290980
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.5



#74
N-ethyl acetate
Concen: 17.216 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 43 Resp: 43309
Ion Ratio Lower Upper
43 100
70 53.0 43.2 64.8
55 34.0 25.7 38.5
61 28.1 23.0 34.6

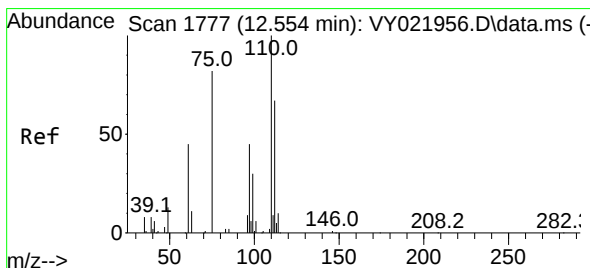
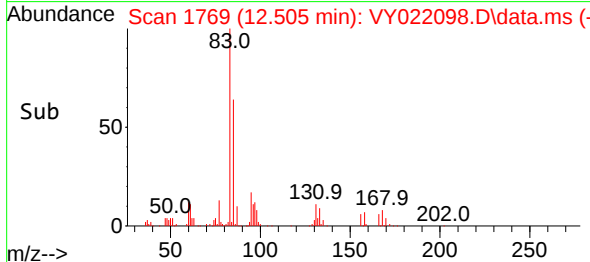
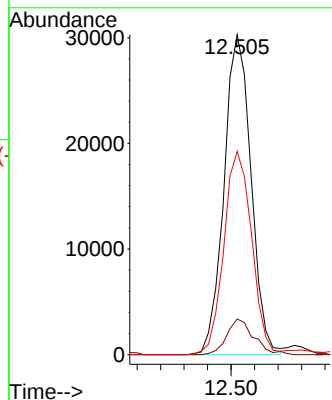
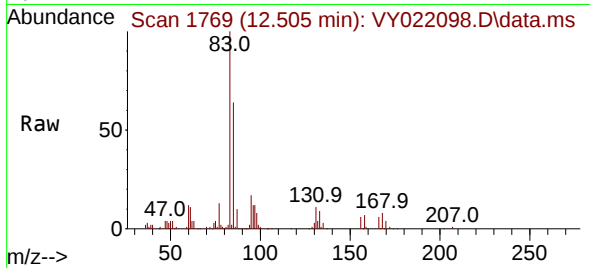




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.586 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022098.D
 Acq: 01 May 2025 11:04

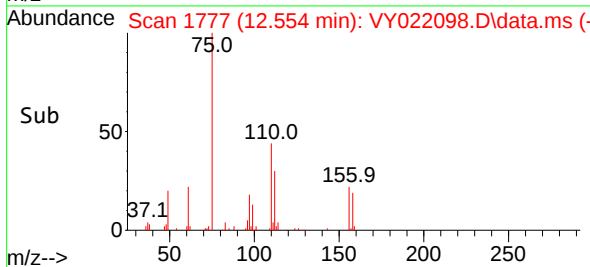
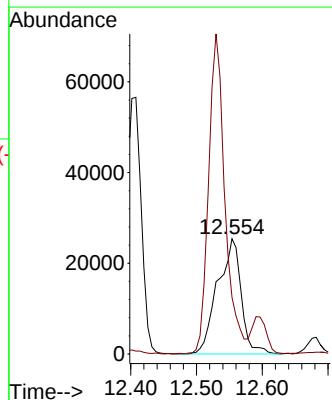
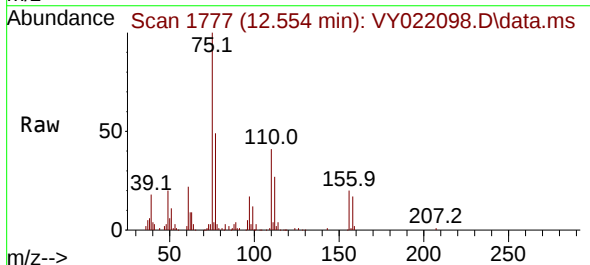
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBSD01

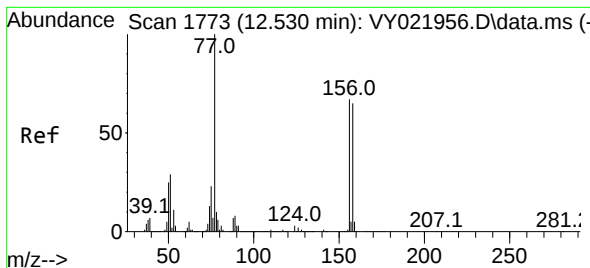
Tgt Ion: 83 Resp: 48351
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.5 16.4
 85 65.3 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 33.801 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022098.D
 Acq: 01 May 2025 11:04

Tgt Ion: 75 Resp: 63451
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.666 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

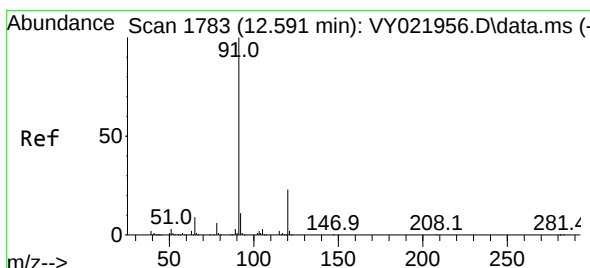
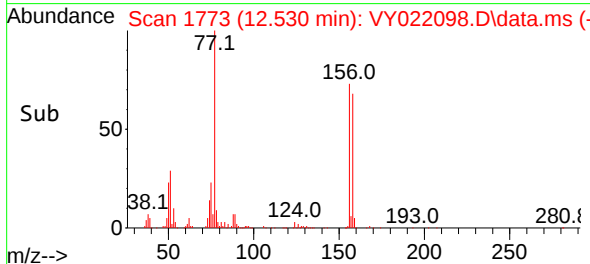
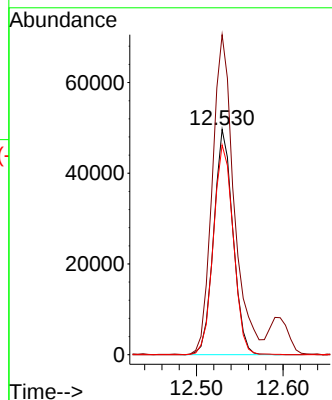
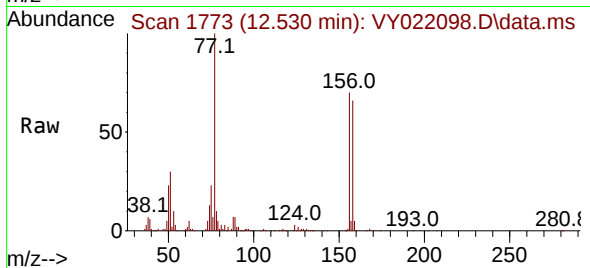
Tgt Ion:156 Resp: 76461

Ion Ratio Lower Upper

156 100

77 159.9 82.7 248.1

158 96.4 48.1 144.4



#78

n-propylbenzene

Concen: 20.002 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022098.D

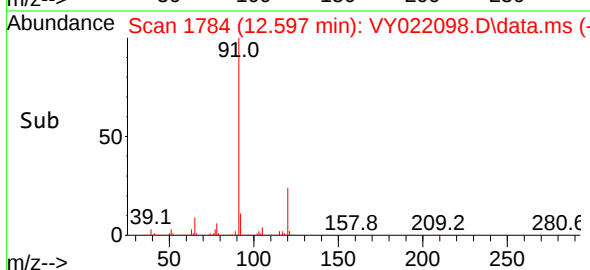
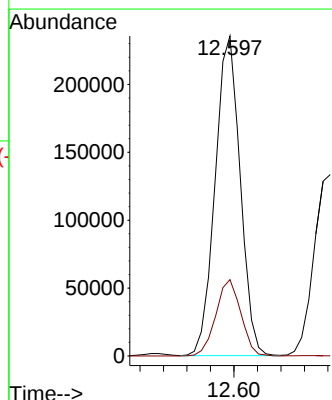
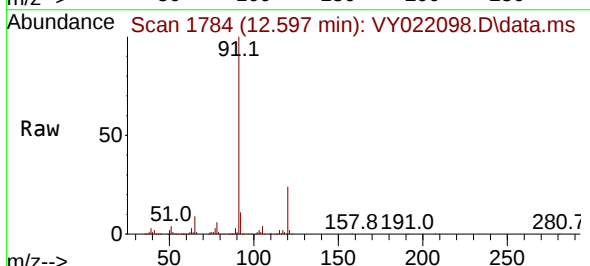
Acq: 01 May 2025 11:04

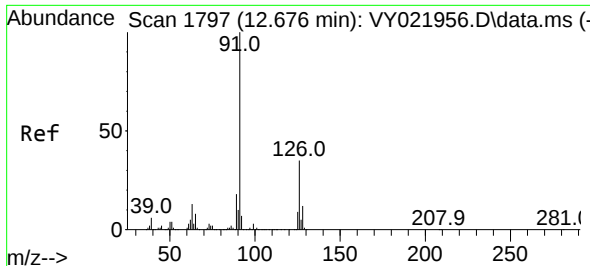
Tgt Ion: 91 Resp: 348777

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.5

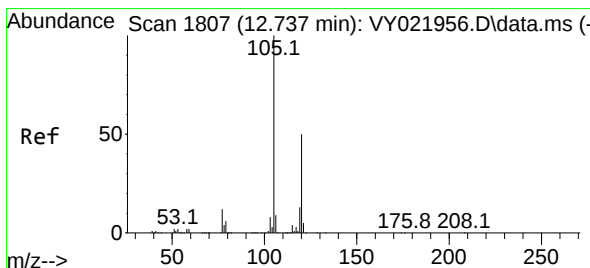
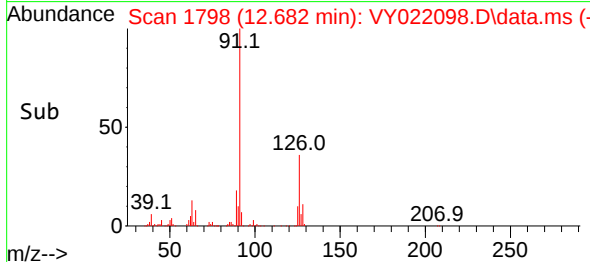
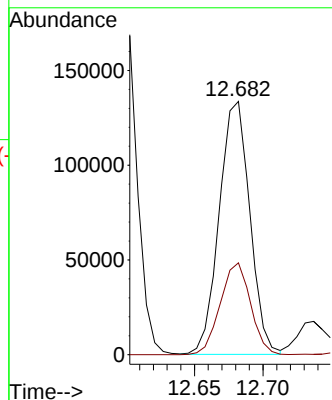
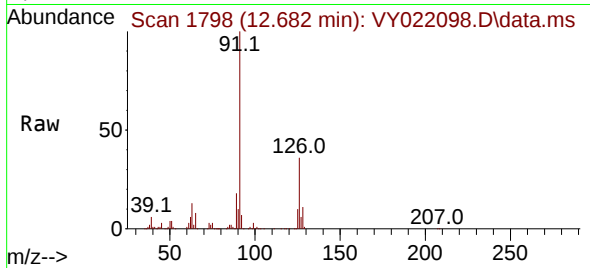




#79
2-Chlorotoluene
Concen: 20.497 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

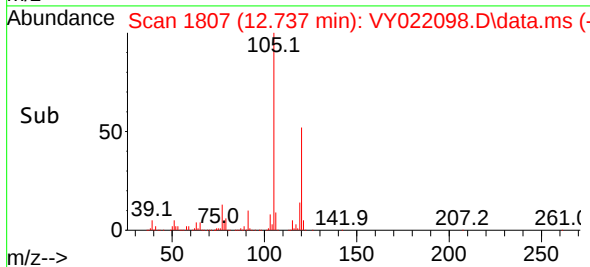
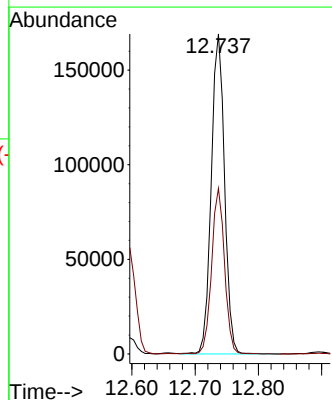
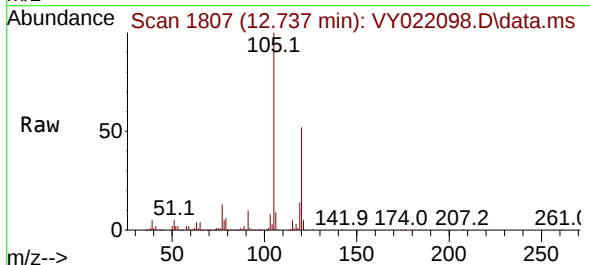
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

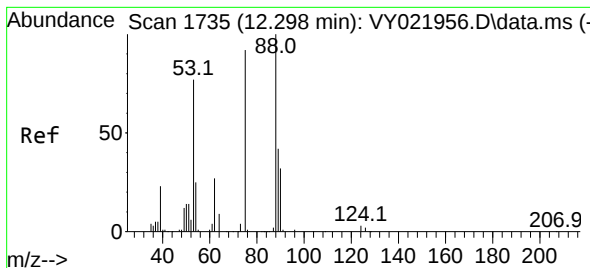
Tgt Ion: 91 Resp: 207858
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 20.418 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 105 Resp: 246332
Ion Ratio Lower Upper
105 100
120 50.5 25.0 75.0

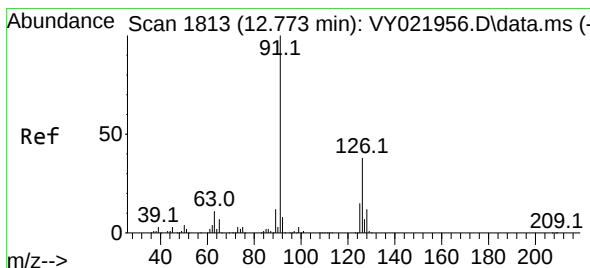
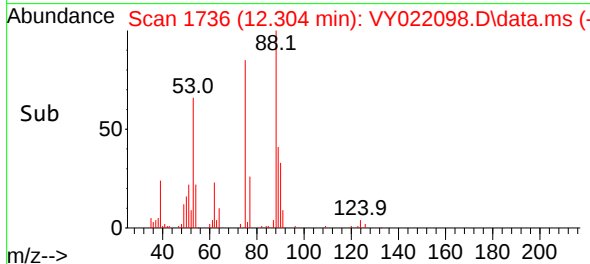
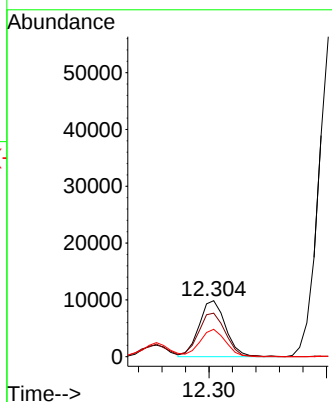
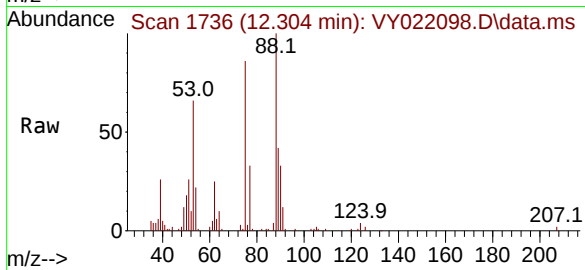




#81
trans-1,4-Dichloro-2-butene
Concen: 19.863 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

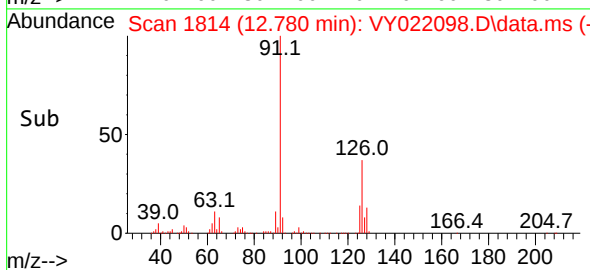
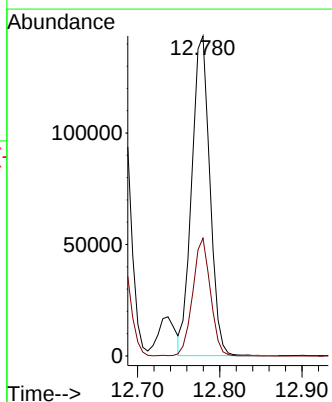
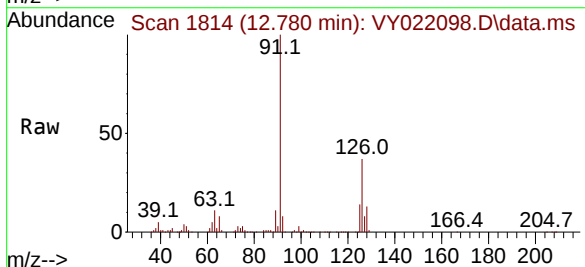
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

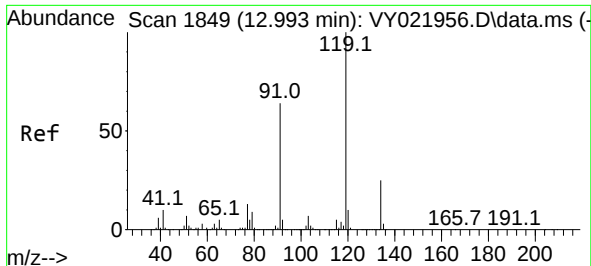
Tgt Ion: 75 Resp: 15484
Ion Ratio Lower Upper
75 100
53 79.8 66.0 99.0
89 46.3 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.787 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 91 Resp: 219129
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.8

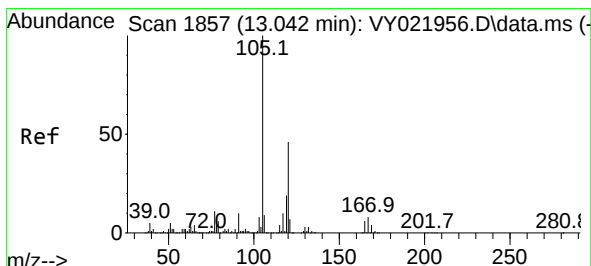
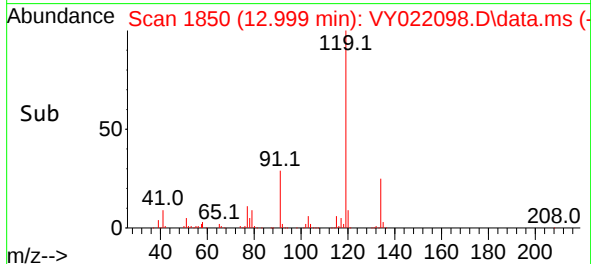
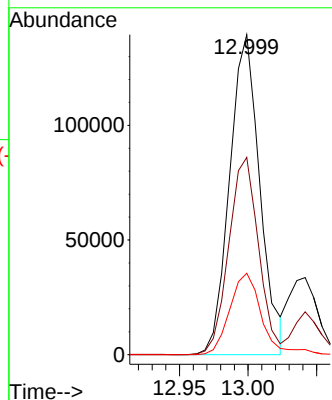
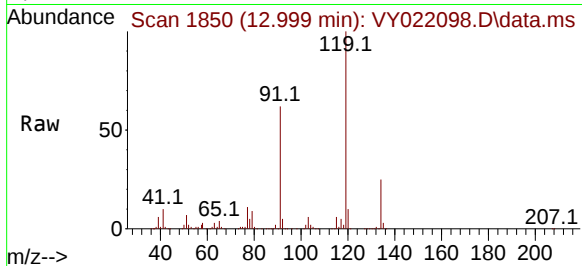




#83
tert-Butylbenzene
Concen: 19.799 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

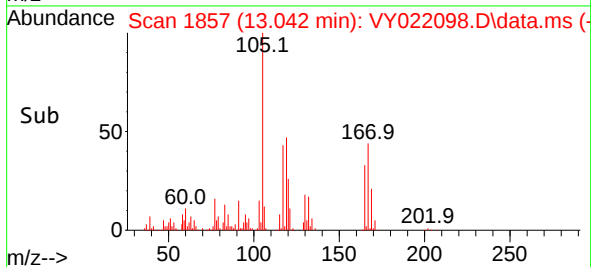
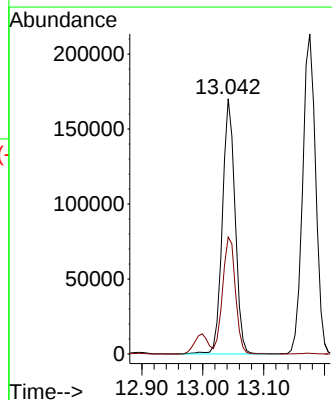
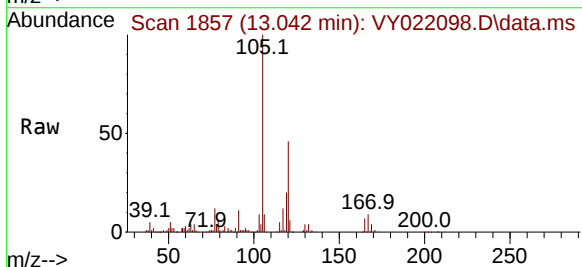
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBSD01

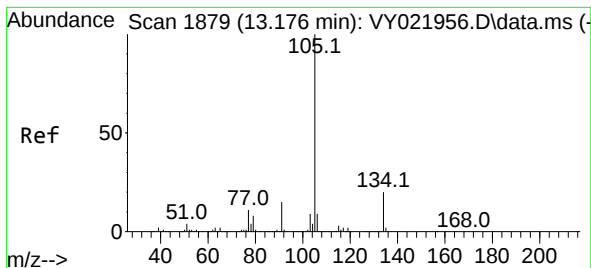
Tgt Ion:119 Resp: 214227
Ion Ratio Lower Upper
119 100
91 60.9 30.3 90.9
134 26.9 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 20.445 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion:105 Resp: 246710
Ion Ratio Lower Upper
105 100
120 46.2 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.890 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

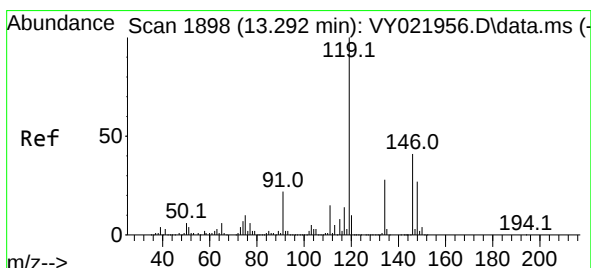
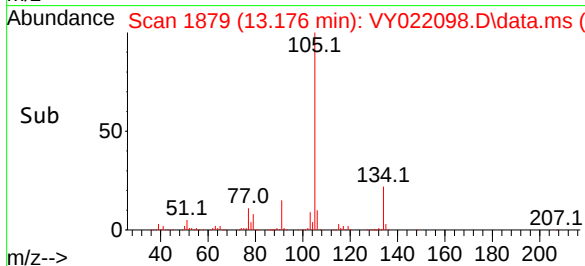
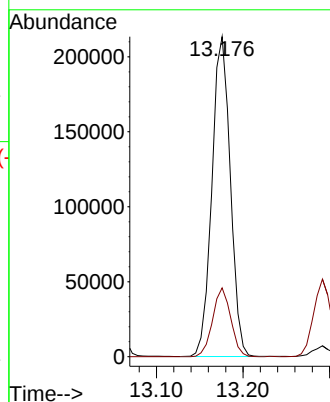
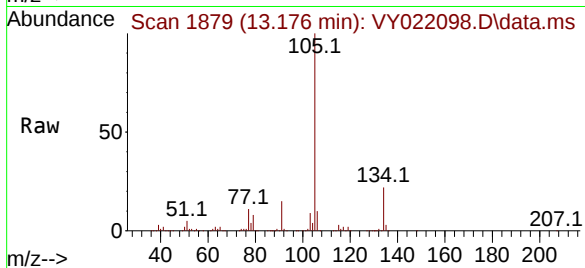
VY0501SBSD01

Tgt Ion:105 Resp: 314910

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.931 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

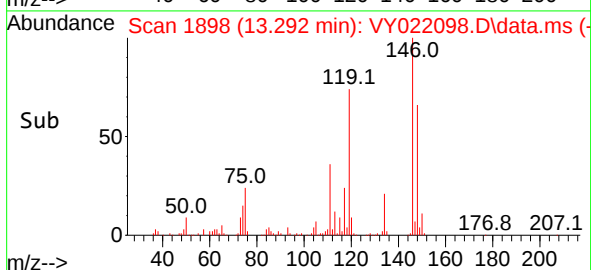
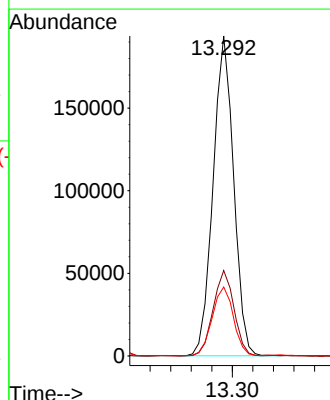
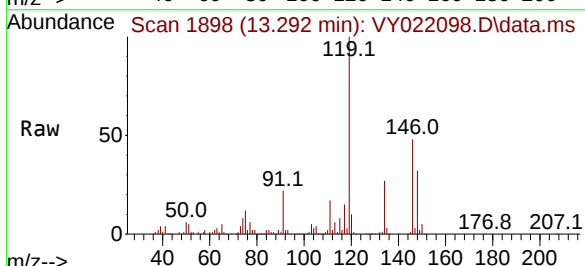
Tgt Ion:119 Resp: 267968

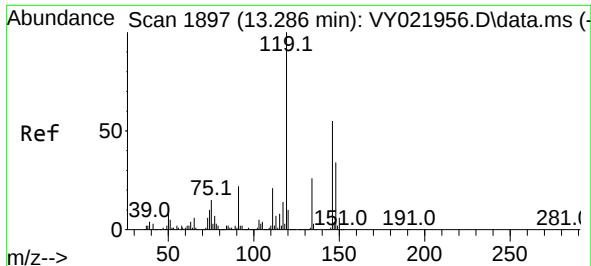
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.2 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 20.786 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

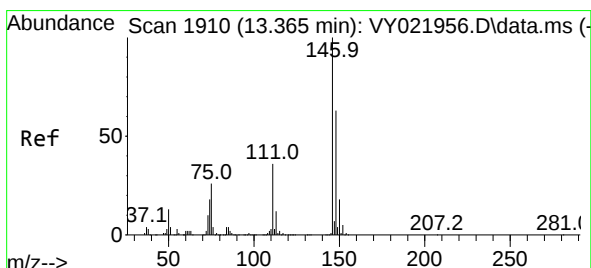
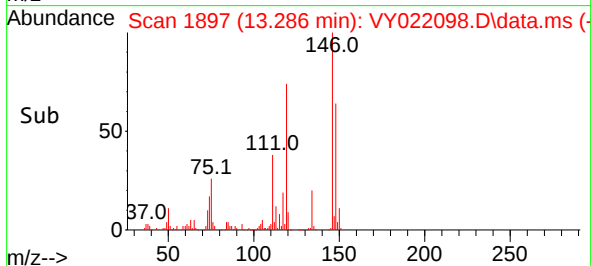
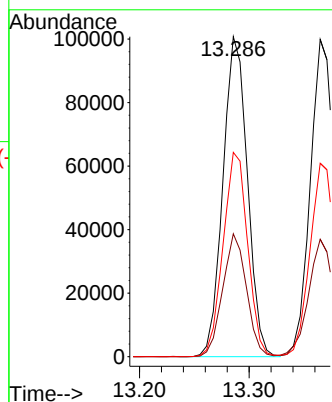
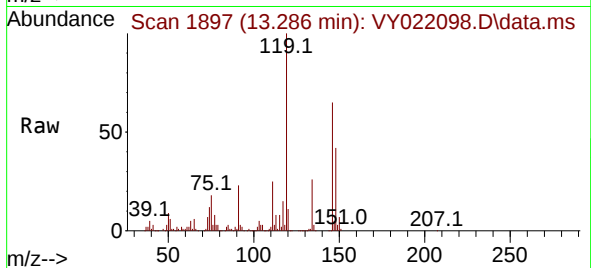
Tgt Ion:146 Resp: 156200

Ion Ratio Lower Upper

146 100

111 37.2 19.1 57.5

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.710 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

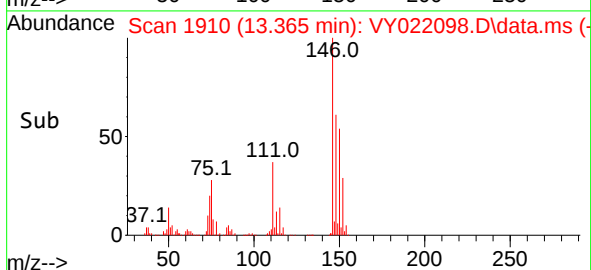
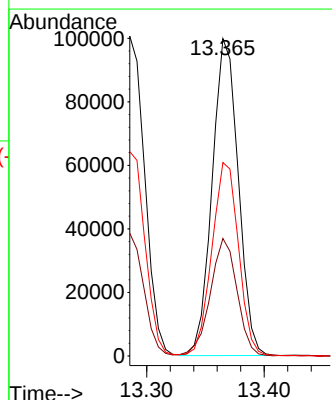
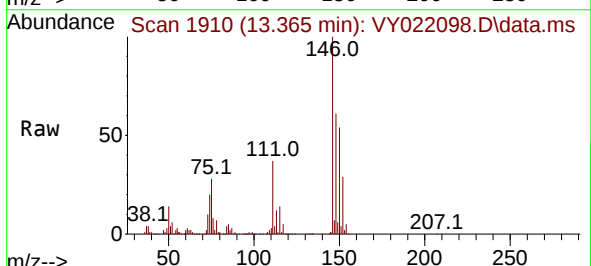
Tgt Ion:146 Resp: 154134

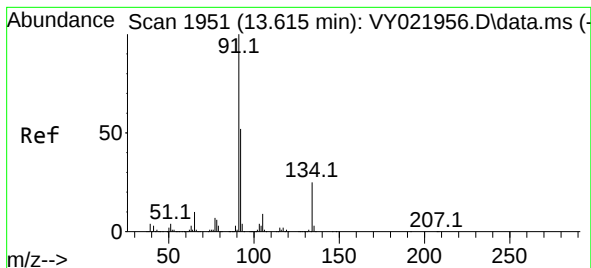
Ion Ratio Lower Upper

146 100

111 37.8 19.2 57.6

148 62.3 32.0 96.0





#89

n-Butylbenzene

Concen: 19.324 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

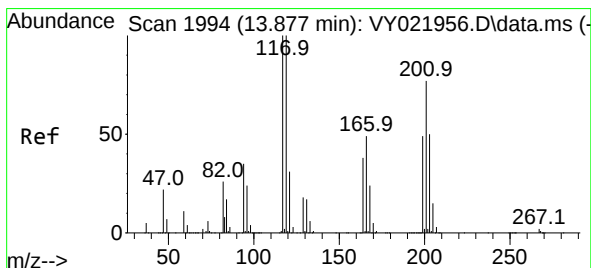
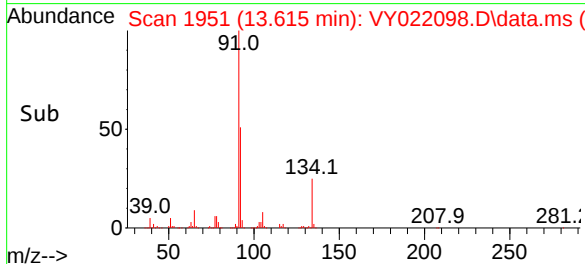
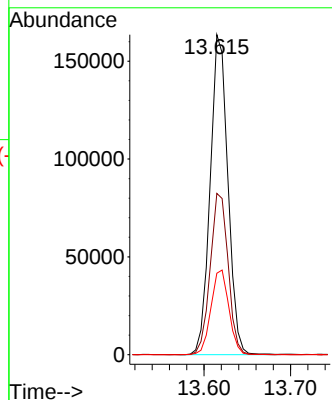
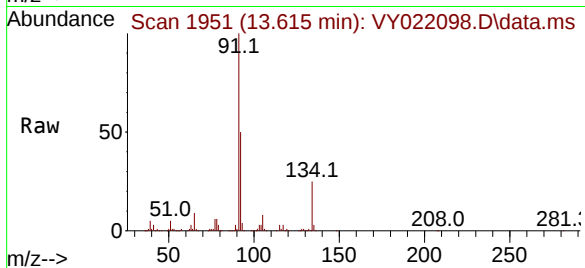
Tgt Ion: 91 Resp: 232219

Ion Ratio Lower Upper

91 100

92 51.0 26.5 79.5

134 26.9 13.4 40.1



#90

Hexachloroethane

Concen: 19.964 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022098.D

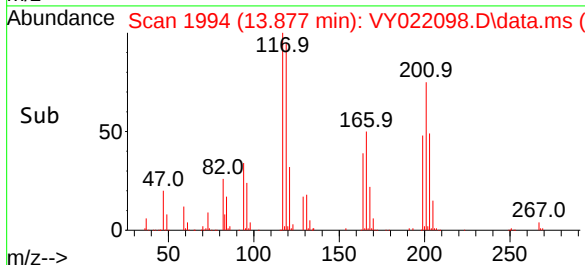
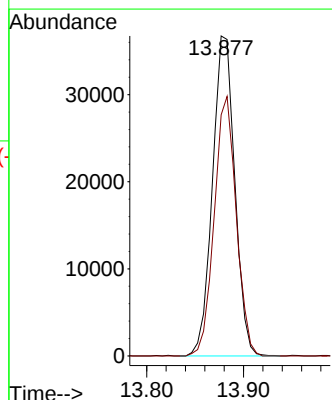
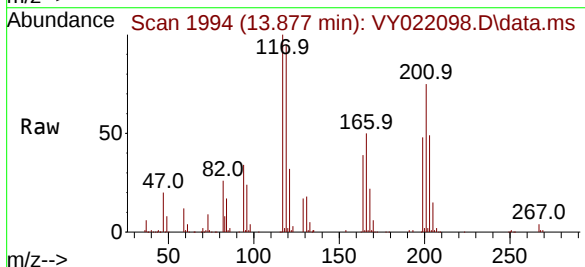
Acq: 01 May 2025 11:04

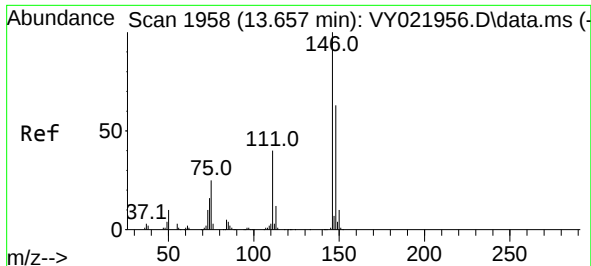
Tgt Ion: 117 Resp: 58972

Ion Ratio Lower Upper

117 100

201 79.8 38.7 116.1

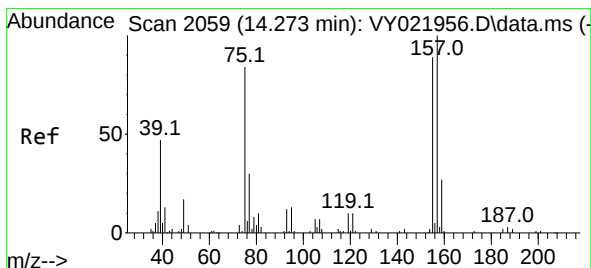
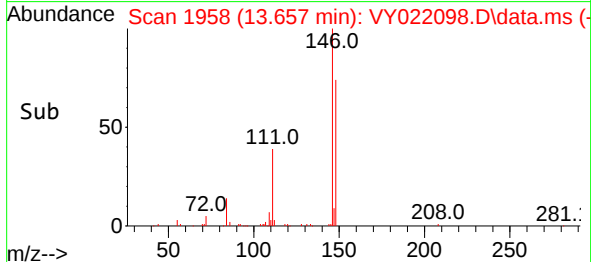
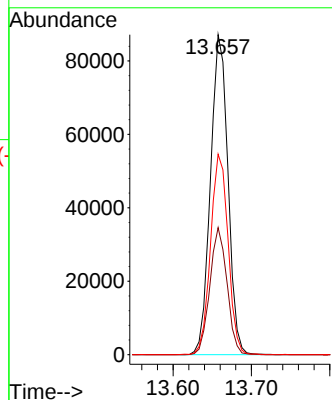
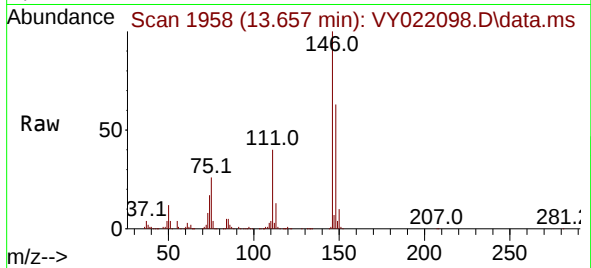




#91
1,2-Dichlorobenzene
Concen: 20.569 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

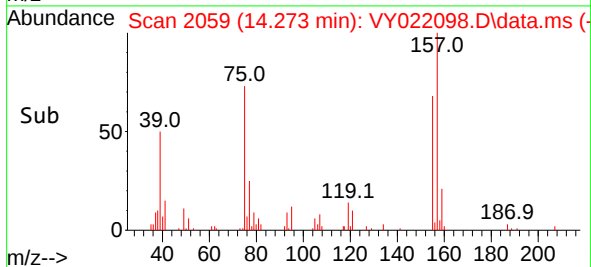
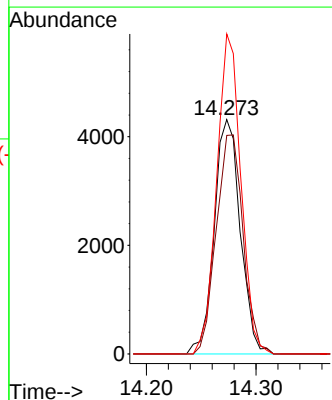
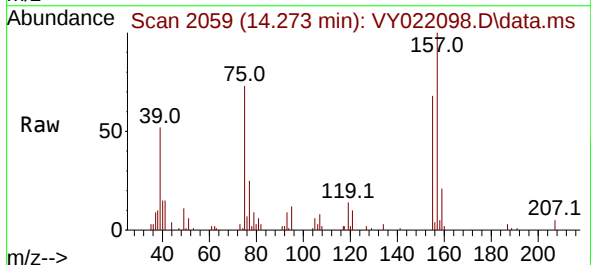
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Tgt Ion:146 Resp: 134811
Ion Ratio Lower Upper
146 100
111 39.0 19.7 59.1
148 63.0 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.144 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022098.D
Acq: 01 May 2025 11:04

Tgt Ion: 75 Resp: 7126
Ion Ratio Lower Upper
75 100
155 96.2 50.7 152.3
157 126.4 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 20.216 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

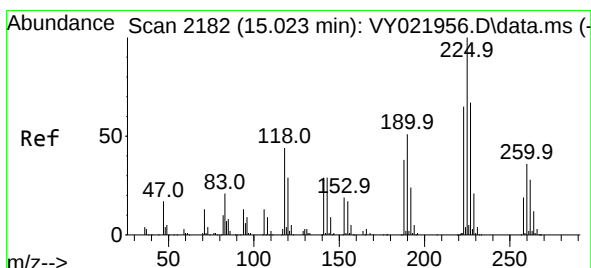
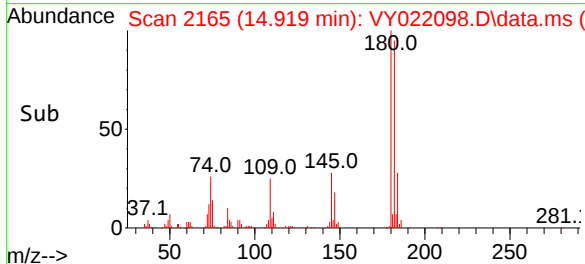
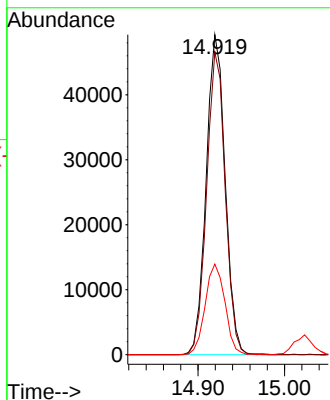
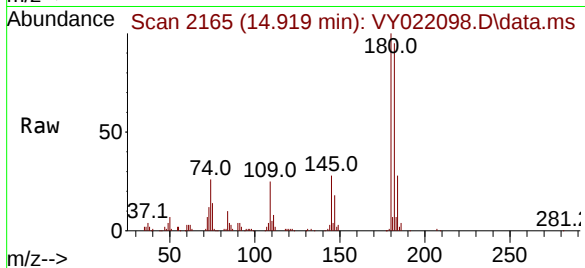
Tgt Ion:180 Resp: 75084

Ion Ratio Lower Upper

180 100

182 92.6 47.1 141.4

145 29.4 15.0 45.0



#94

Hexachlorobutadiene

Concen: 20.135 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

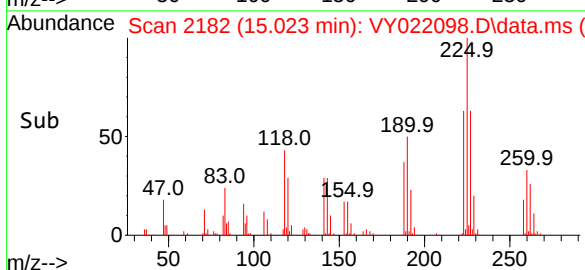
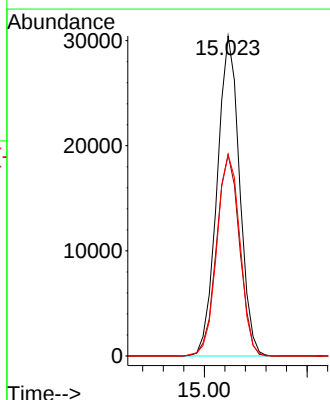
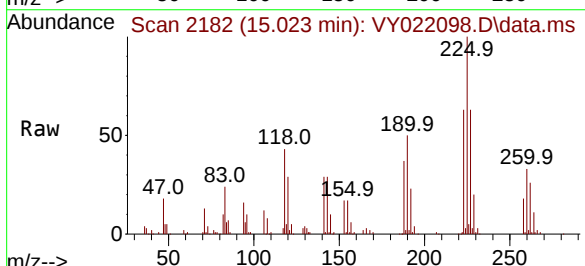
Tgt Ion:225 Resp: 46011

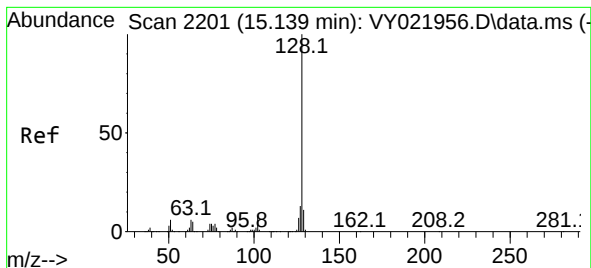
Ion Ratio Lower Upper

225 100

223 64.7 31.9 95.5

227 64.6 32.3 96.9





#95

Naphthalene

Concen: 17.912 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBSD01

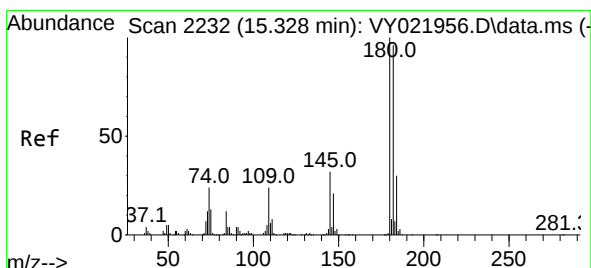
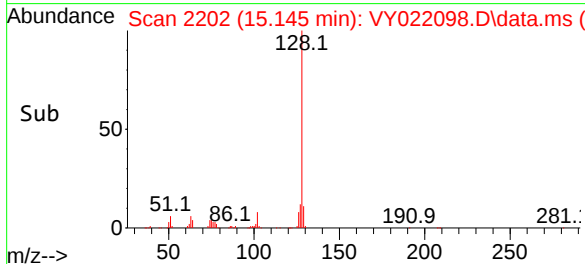
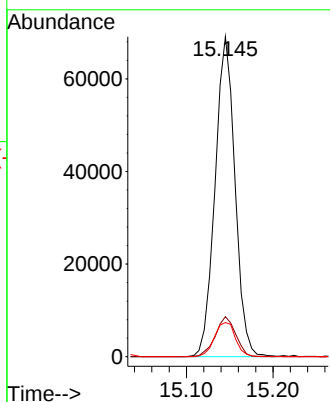
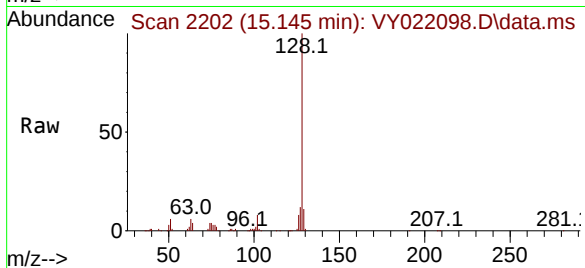
Tgt Ion:128 Resp: 110513

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.745 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022098.D

Acq: 01 May 2025 11:04

Tgt Ion:180 Resp: 63302

Ion Ratio Lower Upper

180 100

182 95.2 48.1 144.4

145 32.0 16.0 48.0

