

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022048.D
 Acq On : 29 Apr 2025 10:31
 Operator : SY/MD
 Sample : VY0429SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

Quant Time: Apr 30 01:32:35 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	295160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	455592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	411306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	220609	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	131819	48.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.700%
35) Dibromofluoromethane	7.634	113	150994	50.166	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.103	98	577886	50.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.408	95	189577	49.628	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	48376	19.235	ug/l	98
3) Chloromethane	2.068	50	72643	20.285	ug/l	99
4) Vinyl Chloride	2.202	62	83728	19.026	ug/l	98
5) Bromomethane	2.592	94	73982	19.513	ug/l	93
6) Chloroethane	2.733	64	56577	18.877	ug/l	94
7) Trichlorofluoromethane	3.056	101	112658	19.414	ug/l	99
8) Diethyl Ether	3.452	74	28383	18.792	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	61809	19.635	ug/l	98
10) Methyl Iodide	4.001	142	67410	18.495	ug/l	99
11) Tert butyl alcohol	4.879	59	13239	88.452	ug/l #	70
12) 1,1-Dichloroethene	3.787	96	58076	19.793	ug/l	97
13) Acrolein	3.659	56	23798	88.588	ug/l	98
14) Allyl chloride	4.385	41	64847	18.980	ug/l	99
15) Acrylonitrile	5.061	53	51099	92.413	ug/l	98
16) Acetone	3.873	43	36017	87.002	ug/l	92
17) Carbon Disulfide	4.104	76	183149	19.576	ug/l	100
18) Methyl Acetate	4.385	43	26368	20.705	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	120380	18.330	ug/l	95
20) Methylene Chloride	4.610	84	64582	18.734	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	64140	19.519	ug/l	97
22) Diisopropyl ether	6.019	45	149424	19.653	ug/l	97
23) Vinyl Acetate	5.958	43	373500	91.151	ug/l	99
24) 1,1-Dichloroethane	5.915	63	101522	19.263	ug/l	98
25) 2-Butanone	6.897	43	54911	88.358	ug/l	97
26) 2,2-Dichloropropane	6.884	77	91600	19.830	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	72039	19.606	ug/l	98
28) Bromochloromethane	7.244	49	39029	19.066	ug/l	98
29) Tetrahydrofuran	7.262	42	35848	88.815	ug/l	99
30) Chloroform	7.421	83	117036	20.020	ug/l	97
31) Cyclohexane	7.701	56	84220	18.687	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	105143	19.880	ug/l	99
36) 1,1-Dichloropropene	7.835	75	79075	19.558	ug/l	99
37) Ethyl Acetate	6.982	43	26628	18.338	ug/l	98
38) Carbon Tetrachloride	7.817	117	98218	20.330	ug/l	99
39) Methylcyclohexane	9.110	83	92537	18.187	ug/l	94
40) Benzene	8.079	78	254772	20.158	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	12949	16.313	ug/l #	87
42) 1,2-Dichloroethane	8.158	62	62360	19.929	ug/l	99
43) Isopropyl Acetate	8.195	43	50732	18.193	ug/l	98
44) Trichloroethene	8.866	130	71028	20.290	ug/l	95
45) 1,2-Dichloropropane	9.140	63	56441	20.194	ug/l	98
46) Dibromomethane	9.231	93	34280	19.593	ug/l	98
47) Bromodichloromethane	9.420	83	87710	20.067	ug/l	100
48) Methyl methacrylate	9.219	41	22602	17.533	ug/l	93
49) 1,4-Dioxane	9.225	88	6627	355.374	ug/l	92
51) 4-Methyl-2-Pentanone	10.000	43	133241	91.148	ug/l	100
52) Toluene	10.170	92	164777	20.141	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	71271	19.011	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	85968	19.290	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	47069	20.140	ug/l	98
56) Ethyl methacrylate	10.439	69	47072	17.613	ug/l	97
57) 1,3-Dichloropropane	10.719	76	74505	19.886	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	119153	91.185	ug/l	98
59) 2-Hexanone	10.762	43	83877	86.992	ug/l	98
60) Dibromochloromethane	10.908	129	64371	19.894	ug/l	98
61) 1,2-Dibromoethane	11.018	107	43629	19.774	ug/l	100
64) Tetrachloroethene	10.646	164	81253	20.941	ug/l	98
65) Chlorobenzene	11.444	112	182043	19.792	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	64950	20.058	ug/l	98
67) Ethyl Benzene	11.518	91	292538	19.443	ug/l	99
68) m/p-Xylenes	11.627	106	240556	40.178	ug/l	100
69) o-Xylene	11.957	106	105800	19.172	ug/l	99
70) Styrene	11.969	104	183180	19.770	ug/l	100
71) Bromoform	12.133	173	36552	19.415	ug/l #	100
73) Isopropylbenzene	12.255	105	281901	19.126	ug/l	99
74) N-amyl acetate	12.072	43	42199	16.664	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	47578	19.146	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	62019	32.821	ug/l #	100
77) Bromobenzene	12.530	156	73239	19.665	ug/l	99
78) n-propylbenzene	12.597	91	344311	19.616	ug/l	100
79) 2-Chlorotoluene	12.682	91	200069	19.600	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	237244	19.536	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	14562	18.558	ug/l	97
82) 4-Chlorotoluene	12.780	91	210828	19.868	ug/l	98
83) tert-Butylbenzene	12.999	119	206168	18.929	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	238254	19.614	ug/l	99
85) sec-Butylbenzene	13.176	105	311925	19.572	ug/l	100
86) p-Isopropyltoluene	13.292	119	262713	19.412	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	148080	19.576	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	145893	19.474	ug/l	99
89) n-Butylbenzene	13.621	91	220728	18.247	ug/l	99
90) Hexachloroethane	13.877	117	58056	19.525	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	128956	19.546	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6879	17.400	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	68247	18.255	ug/l	99
94) Hexachlorobutadiene	15.023	225	43083	18.730	ug/l	99
95) Naphthalene	15.145	128	99146	15.964	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	59189	18.341	ug/l	96

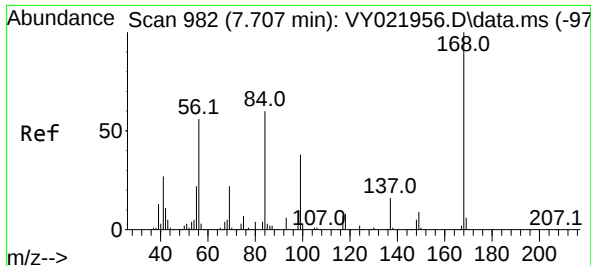
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
Data File : VY022048.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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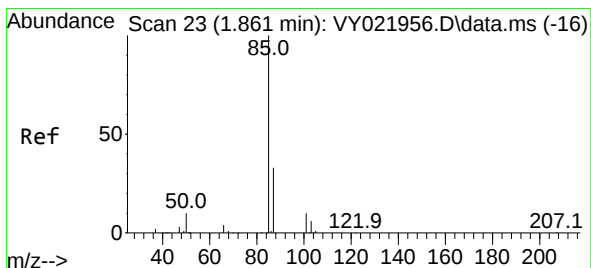
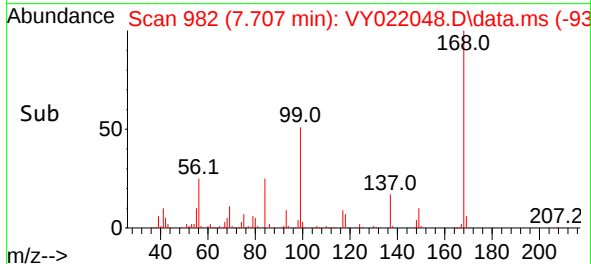
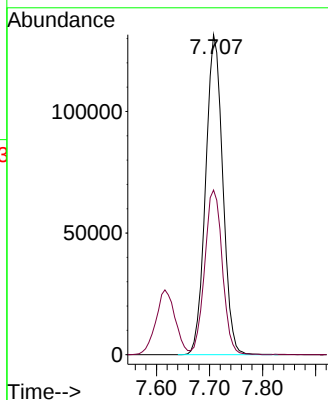
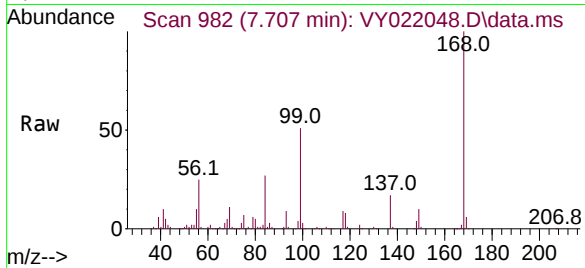
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

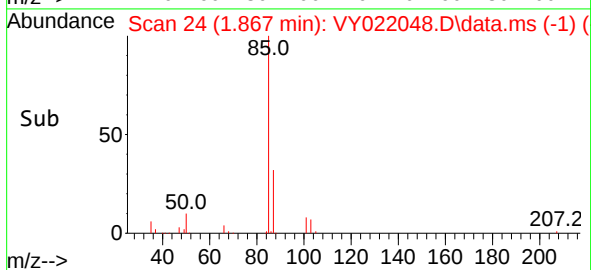
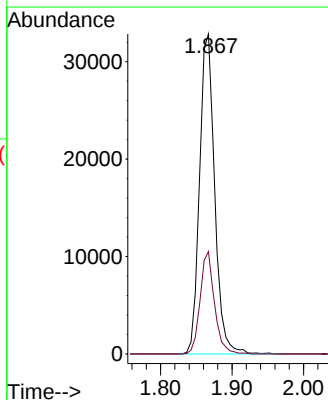
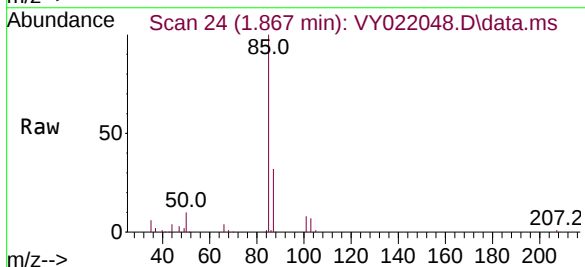
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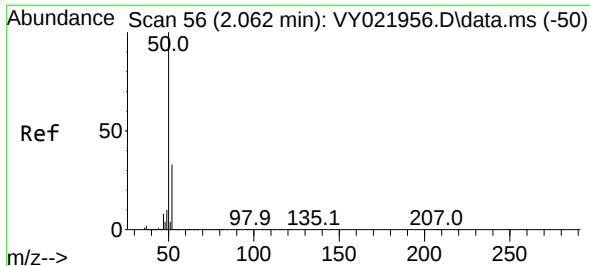
Tgt Ion:168 Resp: 295160
Ion Ratio Lower Upper
168 100
99 51.3 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 19.235 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 85 Resp: 48376
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.7

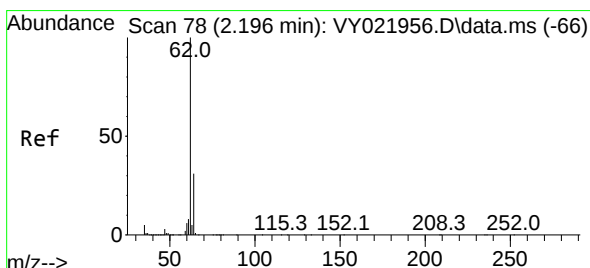
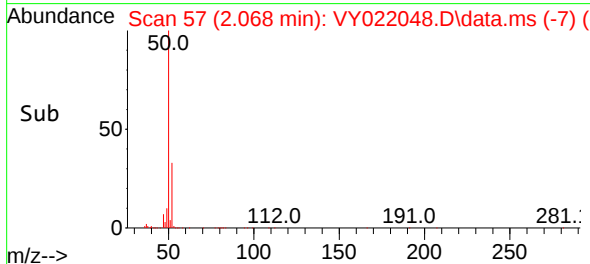
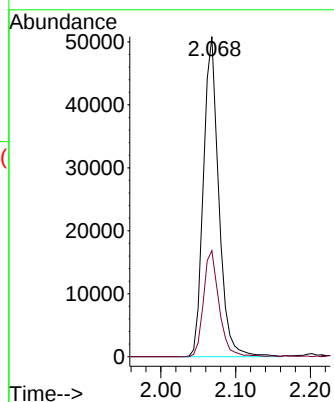
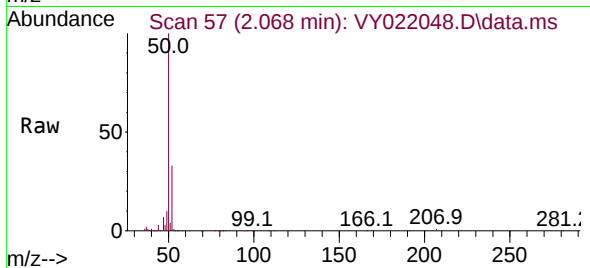




#3
Chloromethane
Concen: 20.285 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

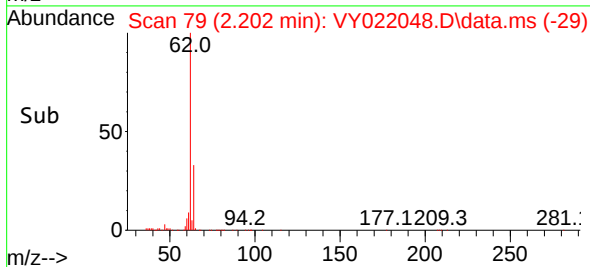
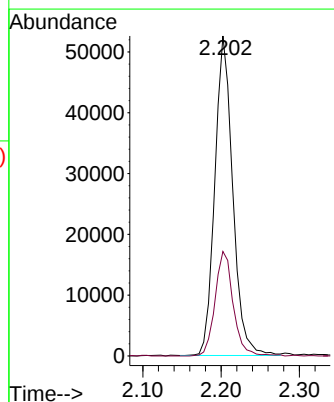
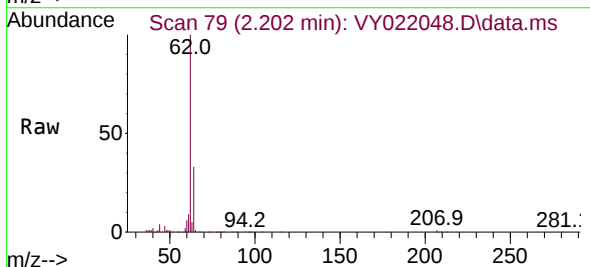
Instrument :
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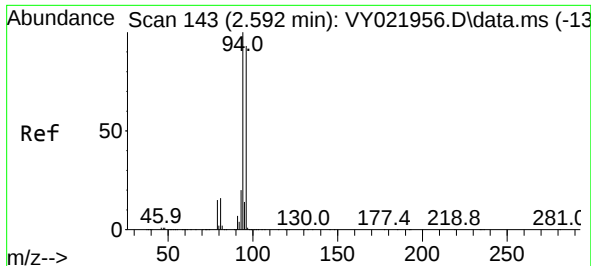
Tgt Ion: 50 Resp: 72643
Ion Ratio Lower Upper
50 100
52 33.2 26.1 39.1



#4
Vinyl Chloride
Concen: 19.026 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 62 Resp: 83728
Ion Ratio Lower Upper
62 100
64 32.7 25.1 37.7

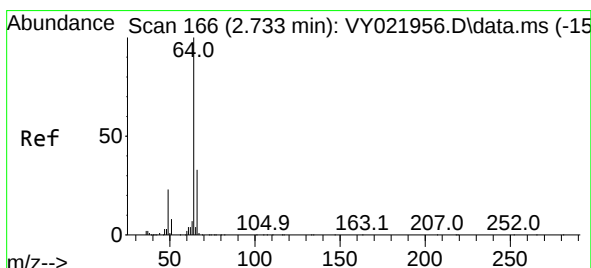
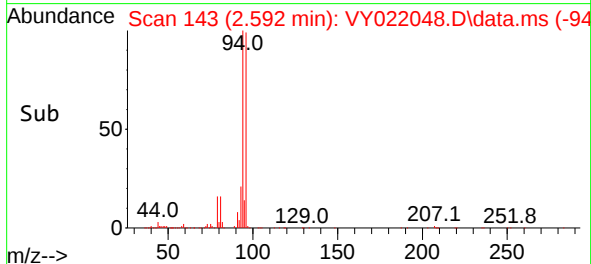
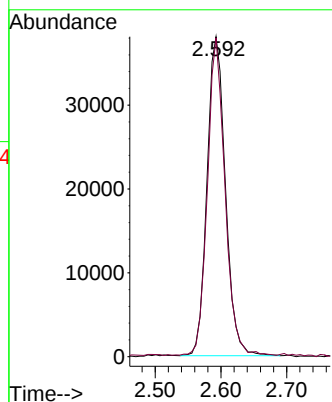
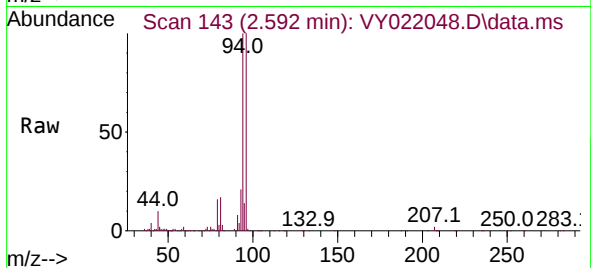




#5
Bromomethane
Concen: 19.513 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

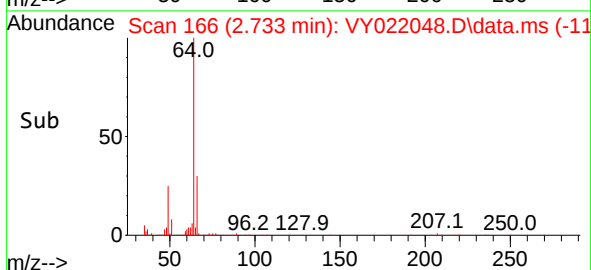
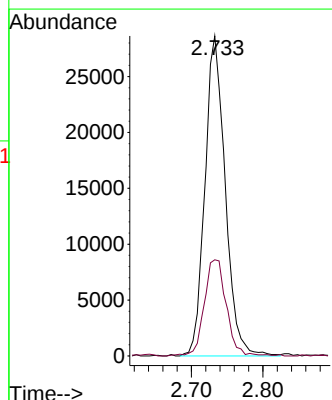
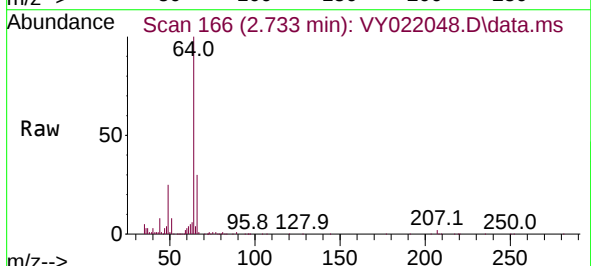
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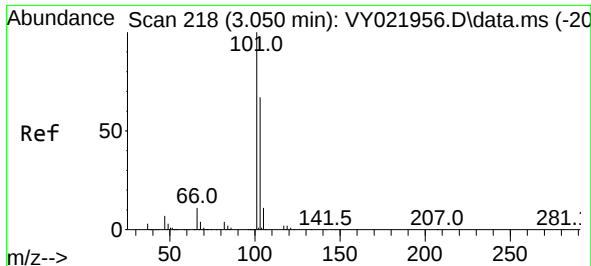
Tgt Ion: 94 Resp: 73982
Ion Ratio Lower Upper
94 100
96 99.5 74.6 111.8



#6
Chloroethane
Concen: 18.877 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 64 Resp: 56577
Ion Ratio Lower Upper
64 100
66 29.7 26.2 39.4

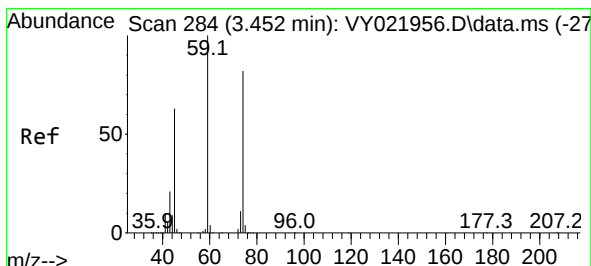
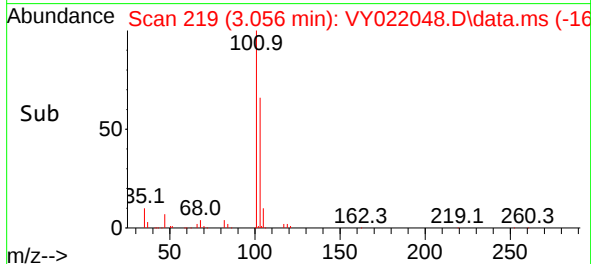
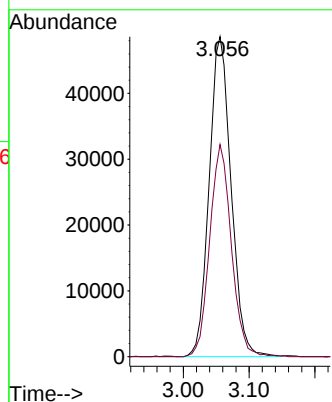
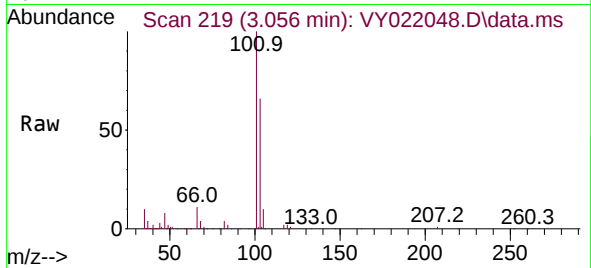




#7
 Trichlorofluoromethane
 Concen: 19.414 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022048.D
 Acq: 29 Apr 2025 10:31

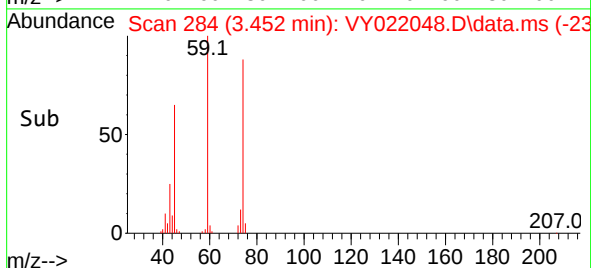
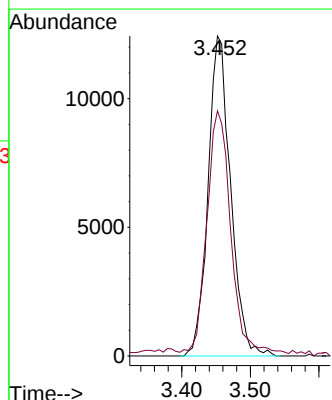
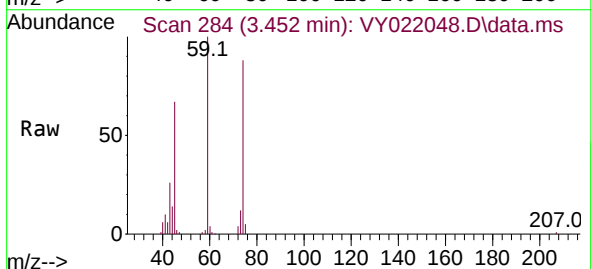
Instrument :
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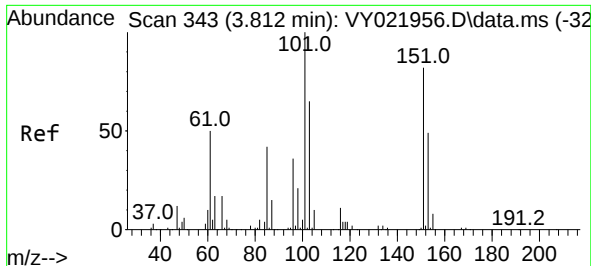
Tgt Ion:101 Resp: 112658
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.6 80.4



#8
 Diethyl Ether
 Concen: 18.792 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY022048.D
 Acq: 29 Apr 2025 10:31

Tgt Ion: 74 Resp: 28383
 Ion Ratio Lower Upper
 74 100
 45 81.1 39.1 117.5

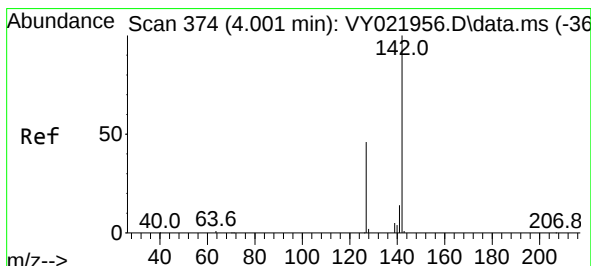
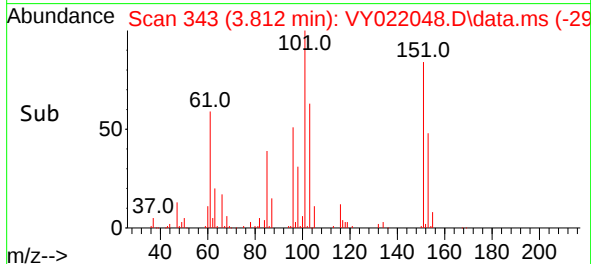
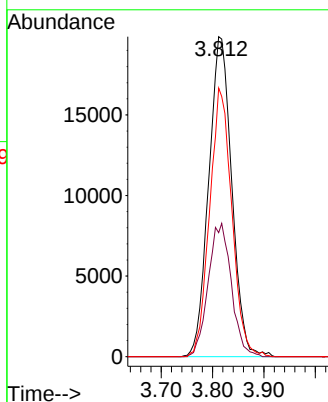
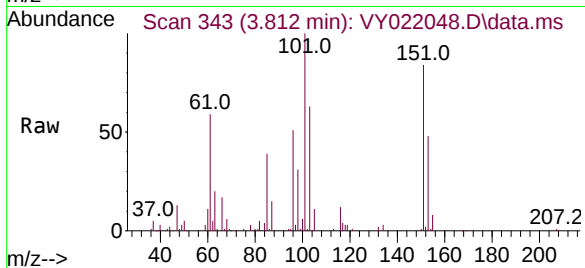




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.635 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY022048.D
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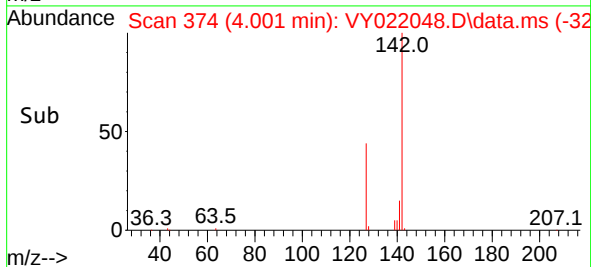
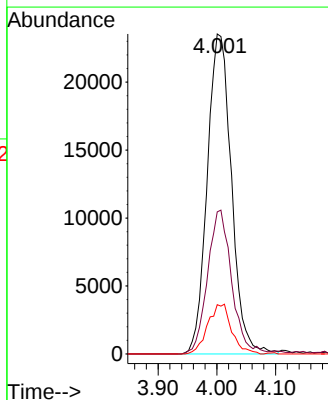
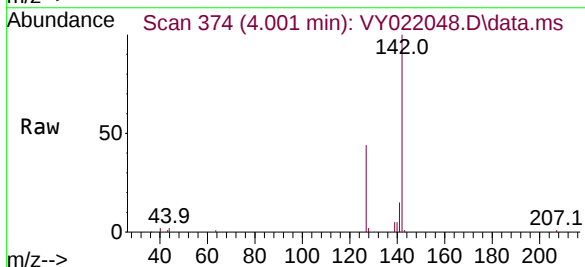
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

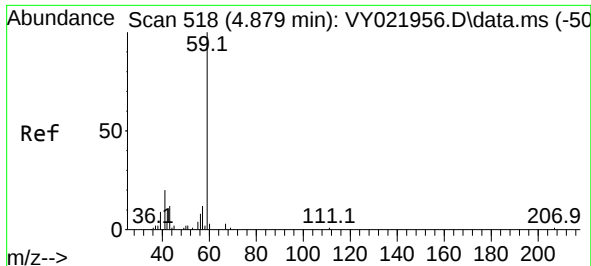
Tgt Ion:101 Resp: 61809
Ion Ratio Lower Upper
101 100
85 41.8 34.6 51.8
151 80.8 63.7 95.5



#10
Methyl Iodide
Concen: 18.495 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion:142 Resp: 67410
Ion Ratio Lower Upper
142 100
127 44.8 36.2 54.2
141 15.3 11.7 17.5

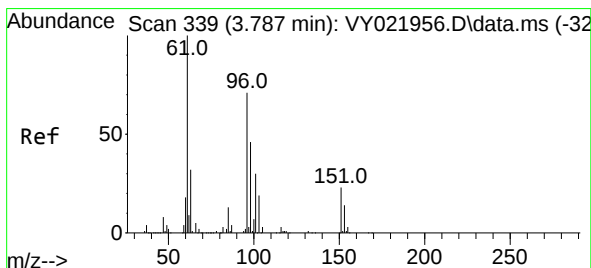
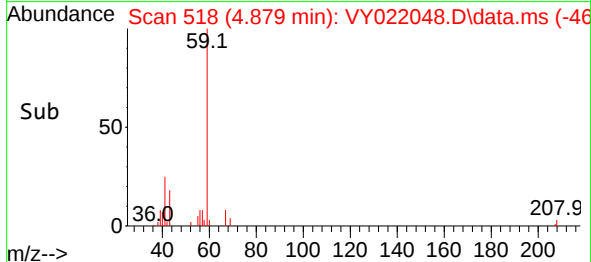
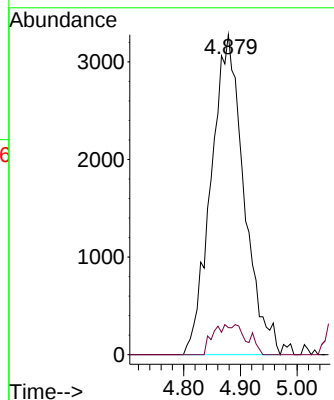
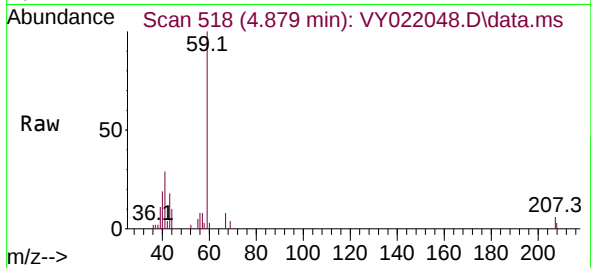




#11
Tert butyl alcohol
Concen: 88.452 ug/l
RT: 4.879 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

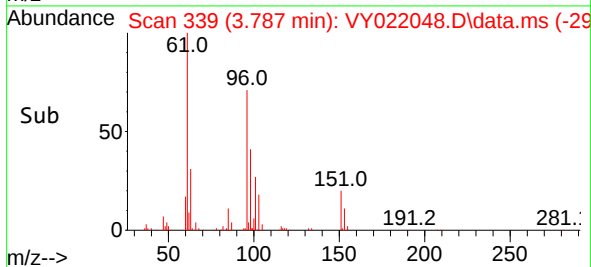
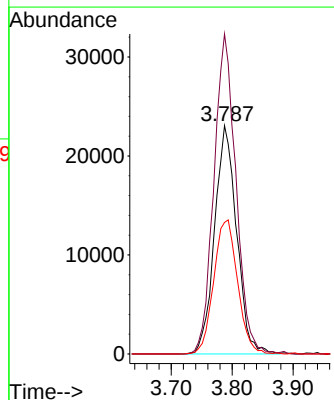
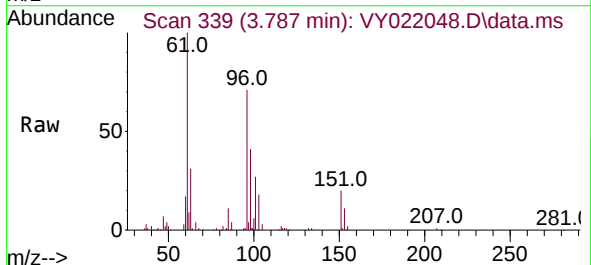
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

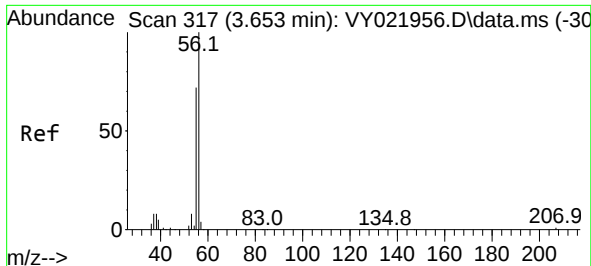
Tgt Ion: 59 Resp: 13239
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 19.793 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 96 Resp: 58076
Ion Ratio Lower Upper
96 100
61 140.2 113.0 169.4
98 57.6 51.4 77.2





#13

Acrolein

Concen: 88.588 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

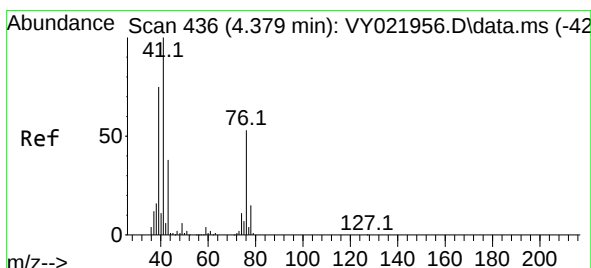
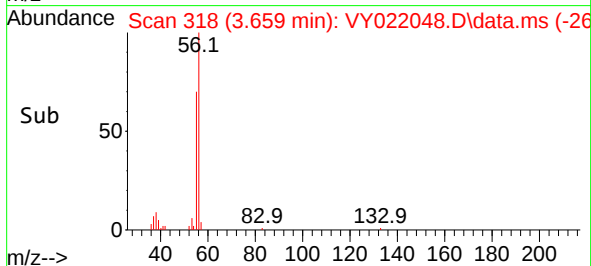
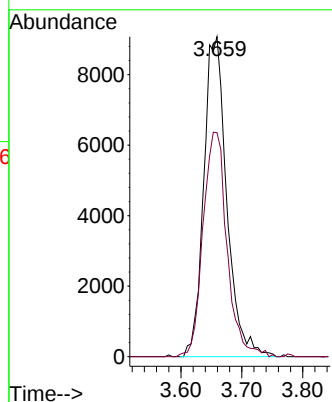
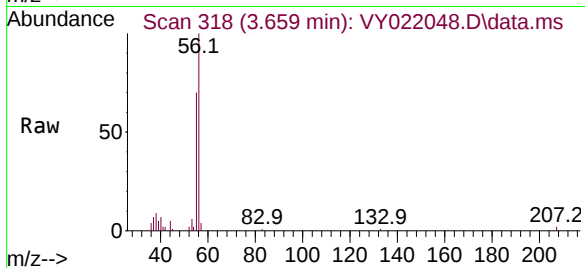
VY0429SBS01

Tgt Ion: 56 Resp: 23798

Ion Ratio Lower Upper

56 100

55 73.0 57.4 86.0



#14

Allyl chloride

Concen: 18.980 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

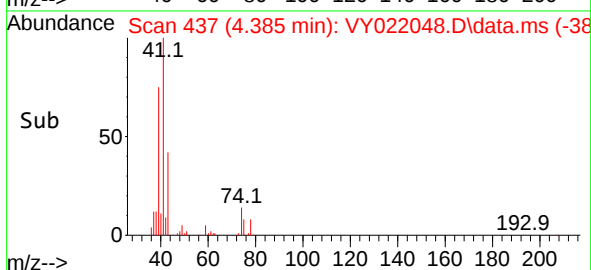
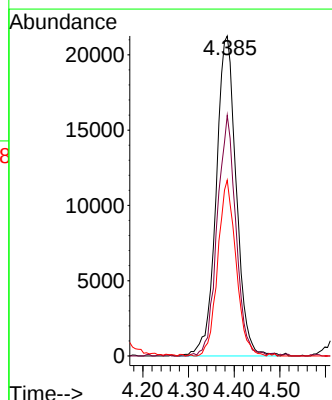
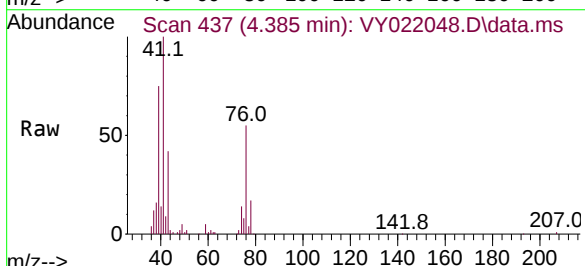
Tgt Ion: 41 Resp: 64847

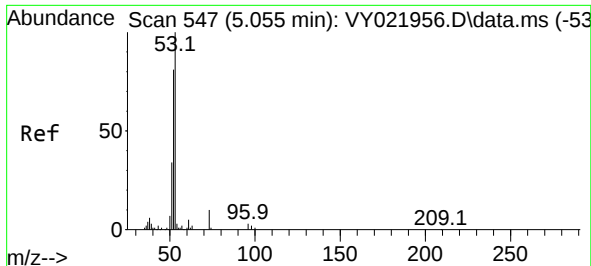
Ion Ratio Lower Upper

41 100

39 69.9 57.2 85.8

76 49.9 39.7 59.5





#15

Acrylonitrile

Concen: 92.413 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

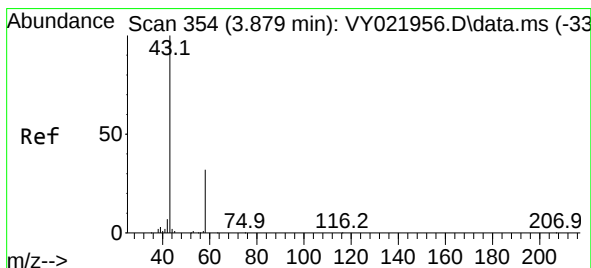
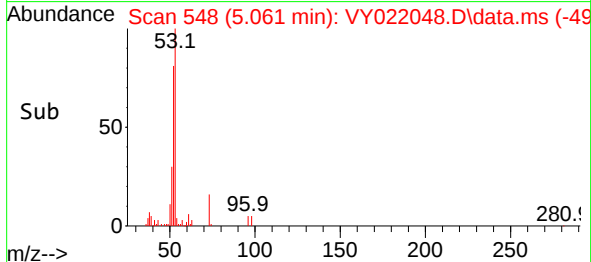
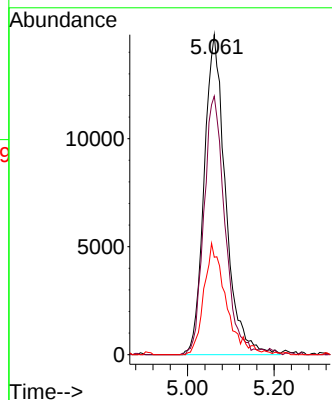
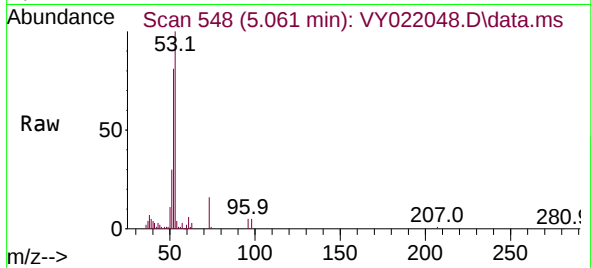
Tgt Ion: 53 Resp: 51099

Ion Ratio Lower Upper

53 100

52 79.3 65.0 97.6

51 35.7 28.9 43.3



#16

Acetone

Concen: 87.002 ug/l

RT: 3.873 min Scan# 353

Delta R.T. -0.006 min

Lab File: VY022048.D

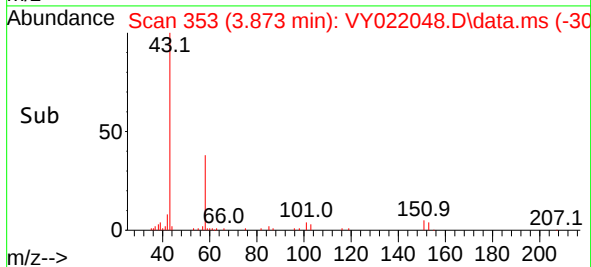
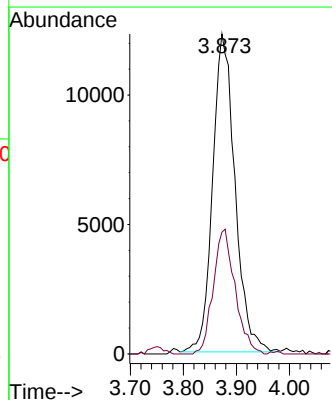
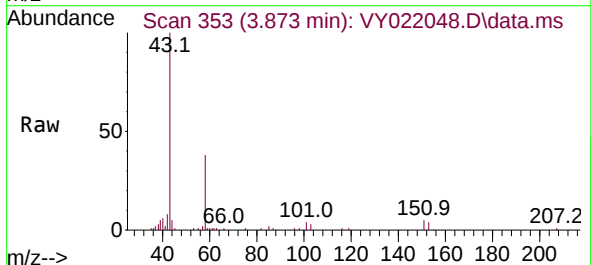
Acq: 29 Apr 2025 10:31

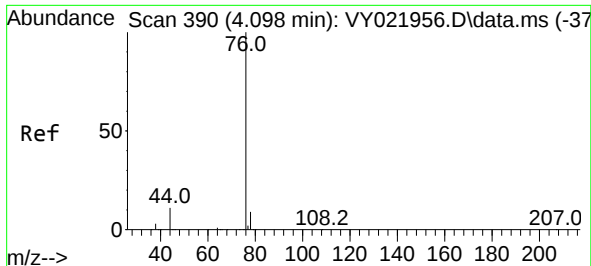
Tgt Ion: 43 Resp: 36017

Ion Ratio Lower Upper

43 100

58 38.4 27.0 40.4

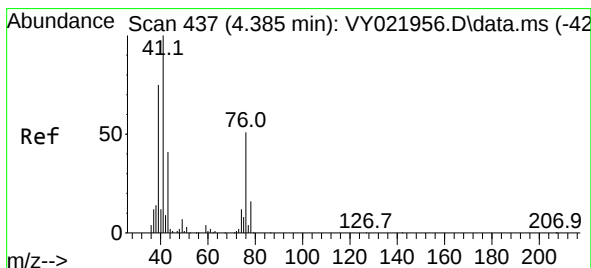
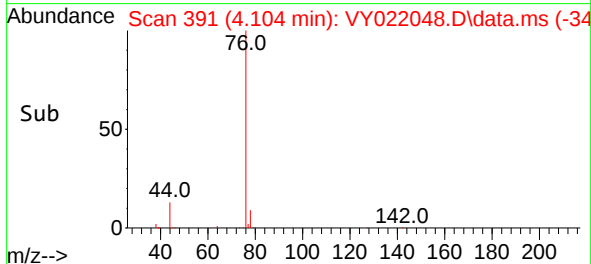
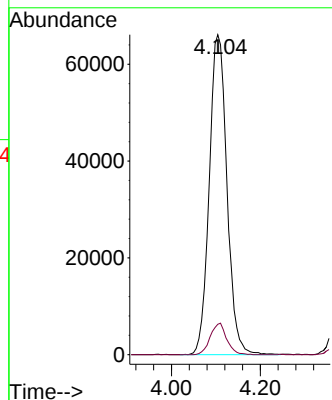
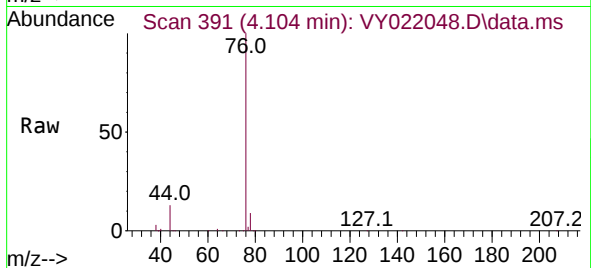




#17
Carbon Disulfide
Concen: 19.576 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

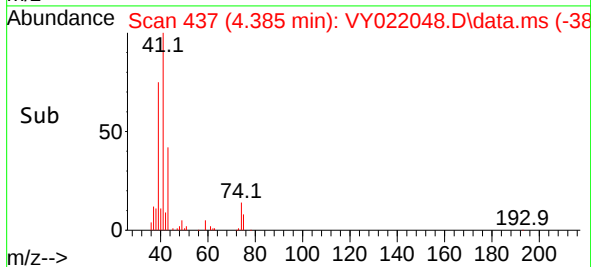
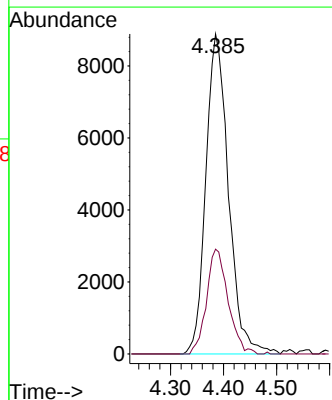
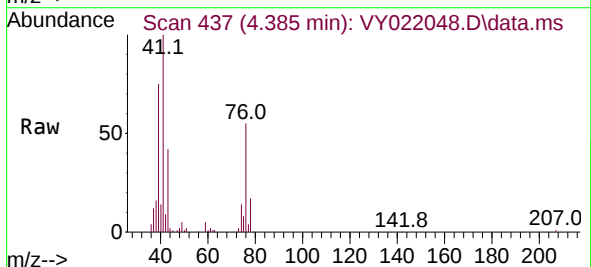
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tgt Ion: 76 Resp: 183149
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 20.705 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 43 Resp: 26368
Ion Ratio Lower Upper
43 100
74 31.1 24.2 36.4

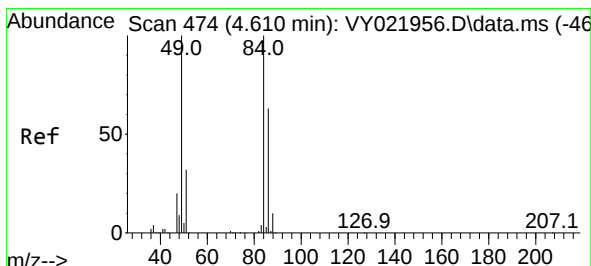
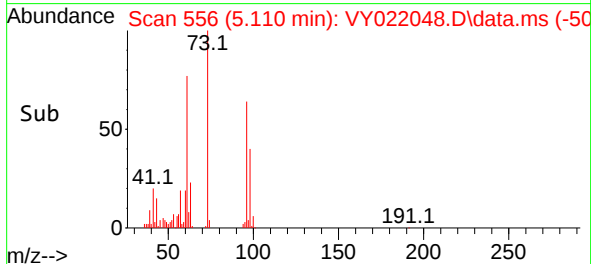
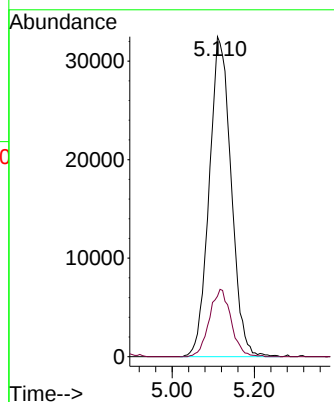
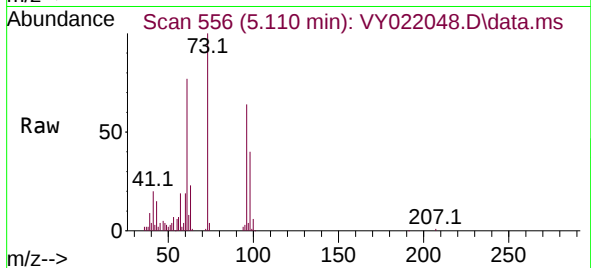




#19
Methyl tert-butyl Ether
Concen: 18.330 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

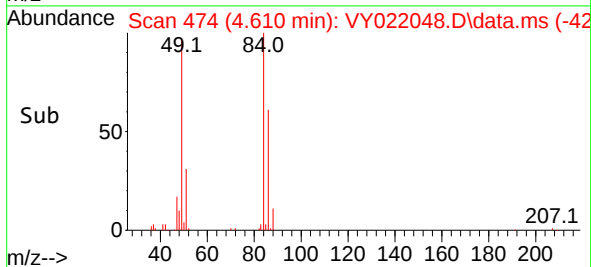
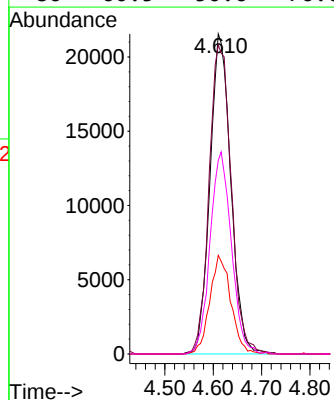
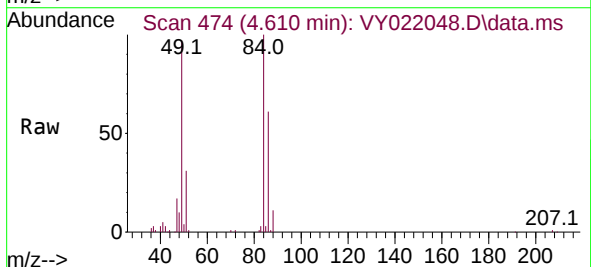
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tgt Ion: 73 Resp: 120380
Ion Ratio Lower Upper
73 100
57 18.9 16.9 25.3



#20
Methylene Chloride
Concen: 18.734 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 84 Resp: 64582
Ion Ratio Lower Upper
84 100
49 96.5 79.9 119.9
51 30.8 25.4 38.0
86 60.5 50.6 76.0

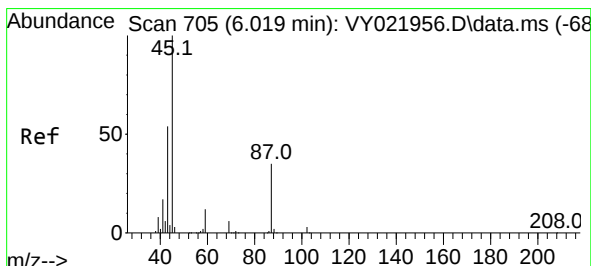
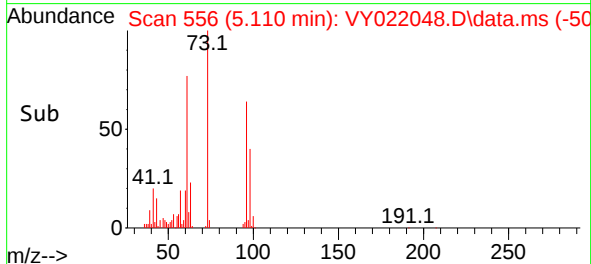
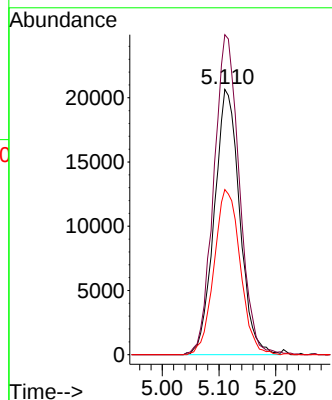
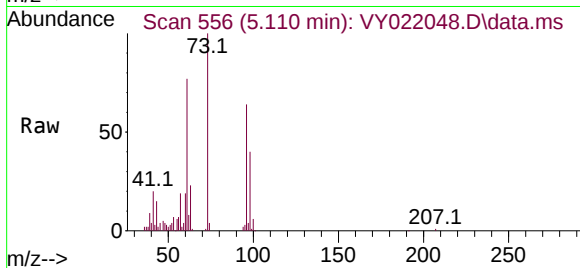




#21
trans-1,2-Dichloroethene
Concen: 19.519 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

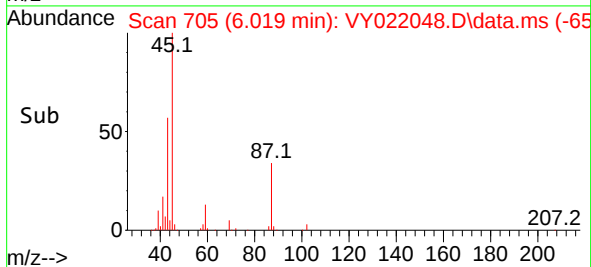
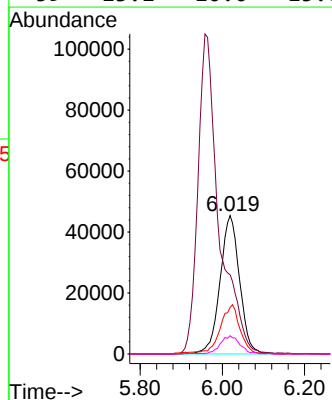
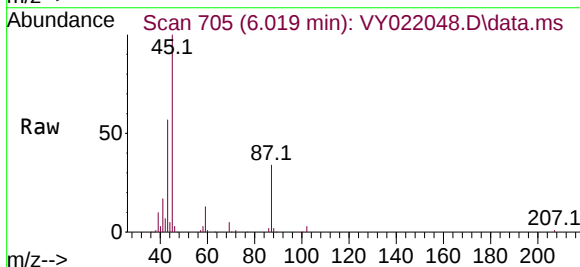
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

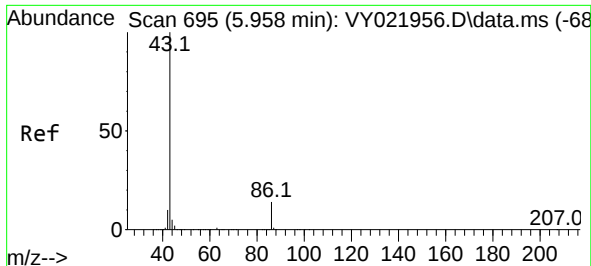
Tgt Ion: 96 Resp: 64140
Ion Ratio Lower Upper
96 100
61 120.6 92.6 138.8
98 62.2 50.2 75.4



#22
Diisopropyl ether
Concen: 19.653 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 45 Resp: 149424
Ion Ratio Lower Upper
45 100
43 56.7 43.6 65.4
87 33.6 28.2 42.4
59 13.1 10.0 15.0

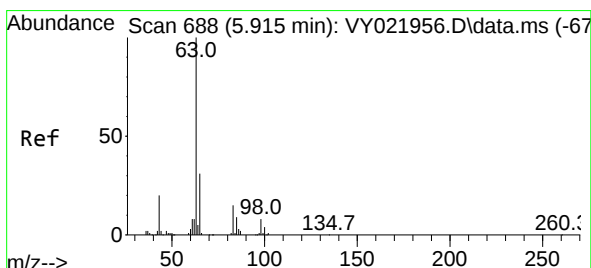
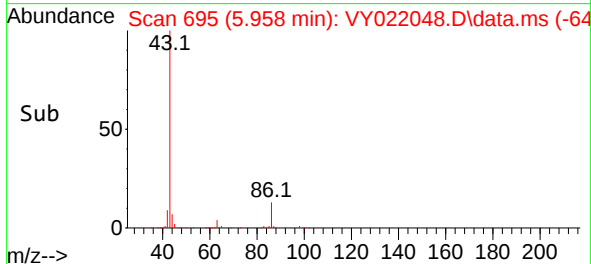
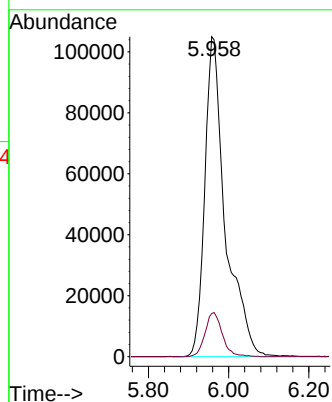
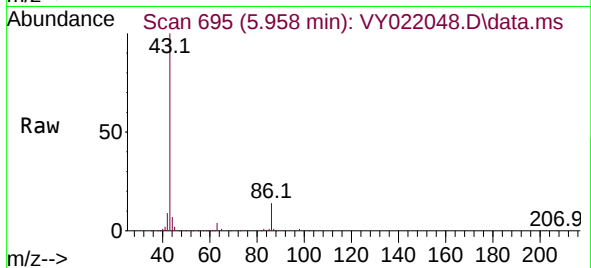




#23
 Vinyl Acetate
 Concen: 91.151 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022048.D
 Acq: 29 Apr 2025 10:31

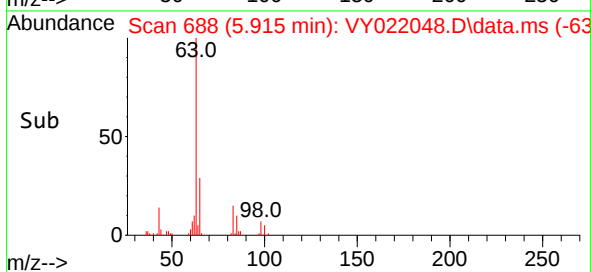
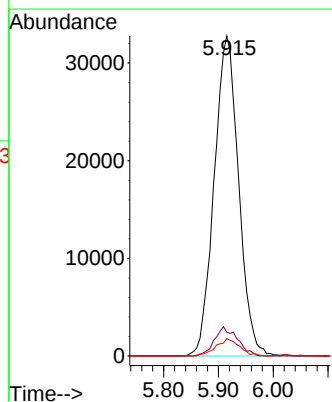
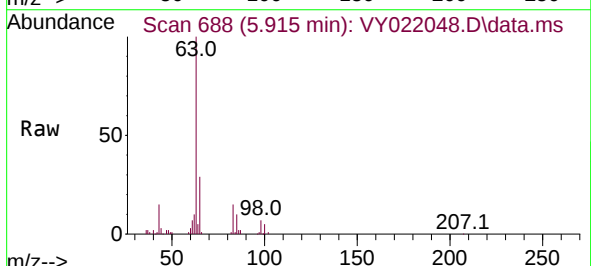
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

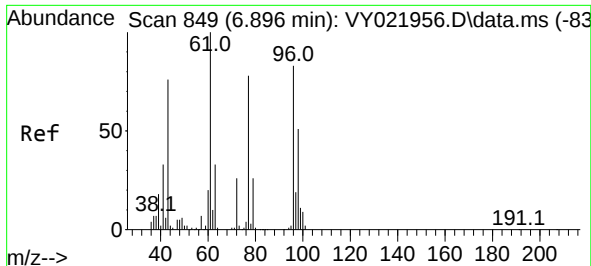
Tgt Ion: 43 Resp: 373500
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 19.263 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022048.D
 Acq: 29 Apr 2025 10:31

Tgt Ion: 63 Resp: 101522
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 11.9
 100 5.4 2.0 6.0

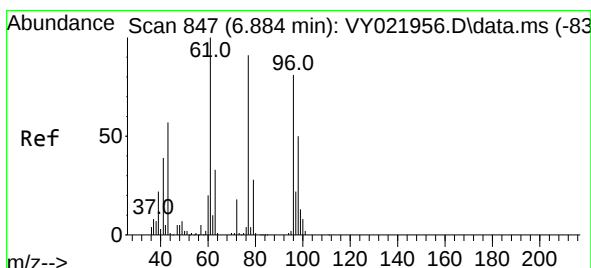
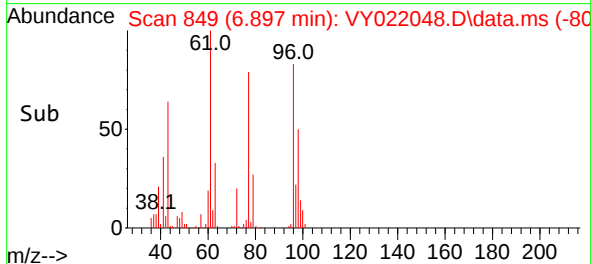
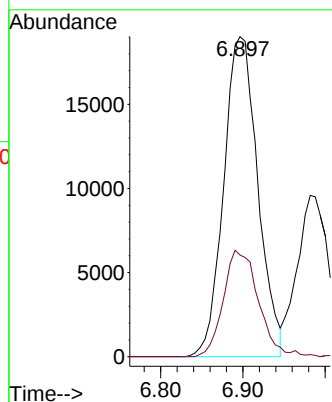
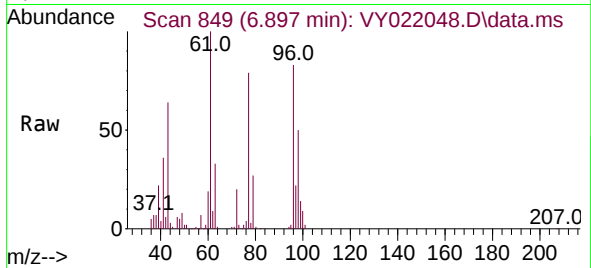




#25
2-Butanone
Concen: 88.358 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

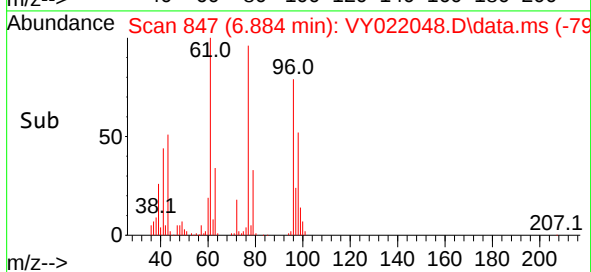
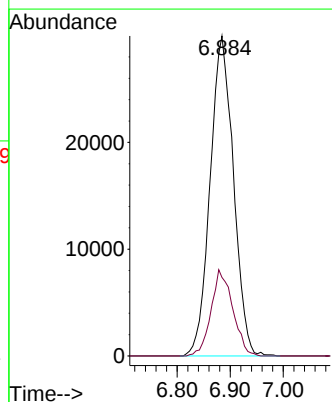
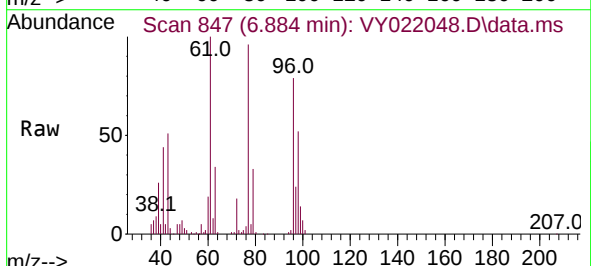
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

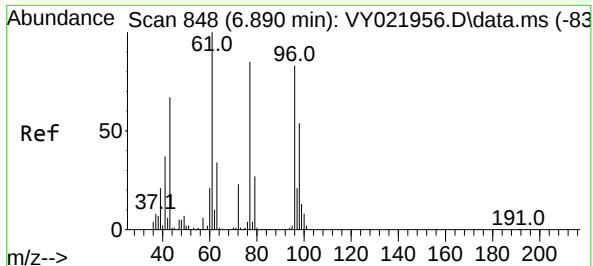
Tgt Ion: 43 Resp: 54911
Ion Ratio Lower Upper
43 100
72 31.8 27.0 40.4



#26
2,2-Dichloropropane
Concen: 19.830 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 77 Resp: 91600
Ion Ratio Lower Upper
77 100
97 25.0 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 19.606 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

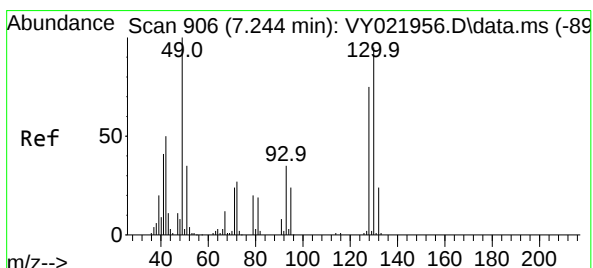
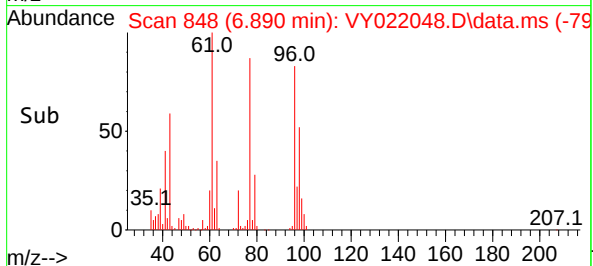
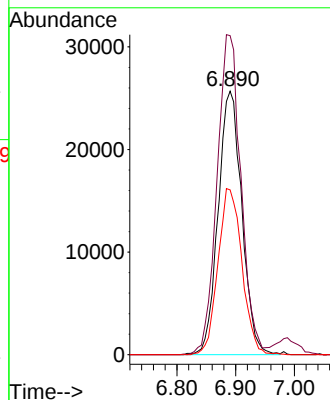
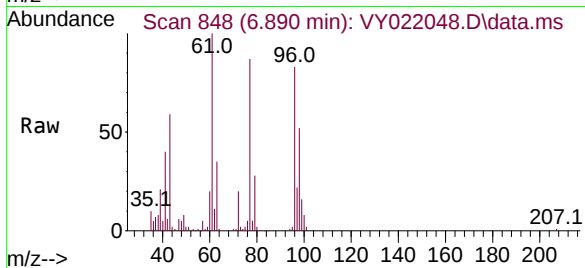
Tgt Ion: 96 Resp: 72039

Ion Ratio Lower Upper

96 100

61 122.5 0.0 251.4

98 63.7 0.0 128.4



#28

Bromochloromethane

Concen: 19.066 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

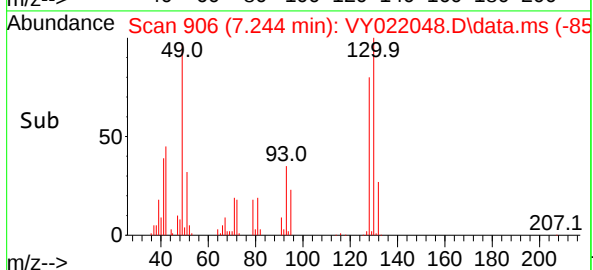
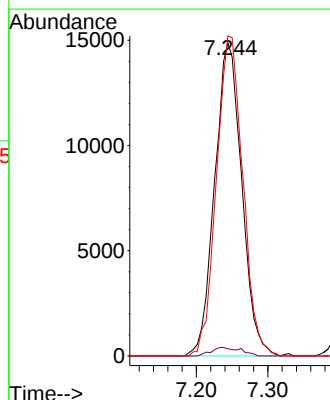
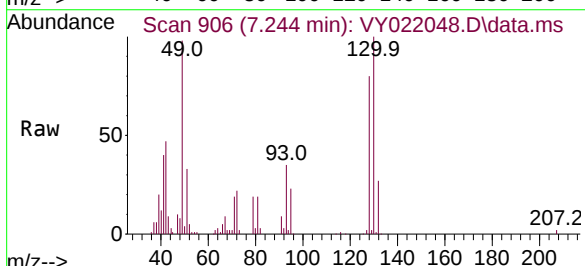
Tgt Ion: 49 Resp: 39029

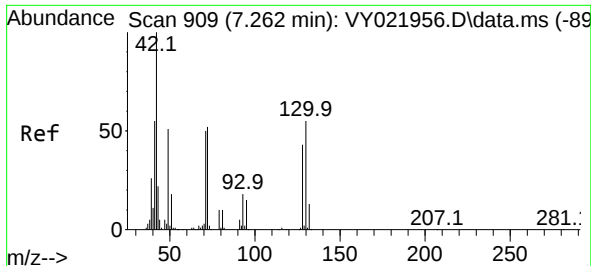
Ion Ratio Lower Upper

49 100

129 3.0 0.0 5.0

130 99.7 78.2 117.4





#29

Tetrahydrofuran

Concen: 88.815 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

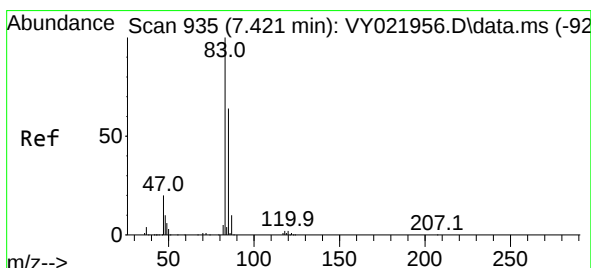
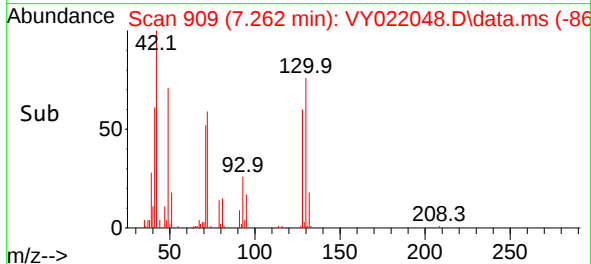
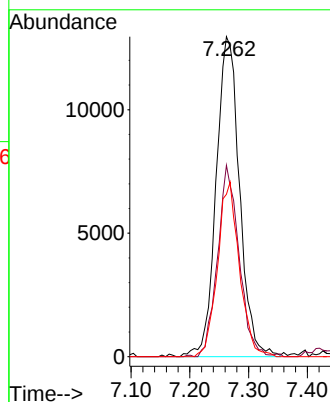
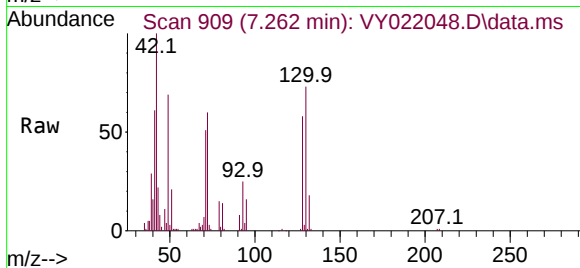
Tgt Ion: 42 Resp: 35848

Ion Ratio Lower Upper

42 100

72 54.8 42.6 63.8

71 51.0 40.6 61.0



#30

Chloroform

Concen: 20.020 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022048.D

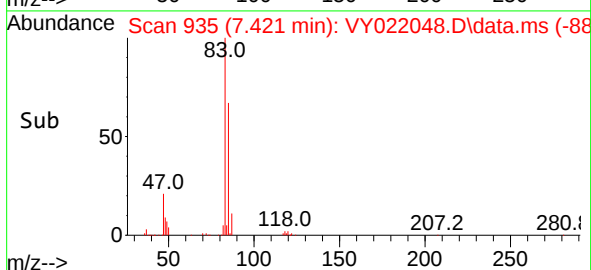
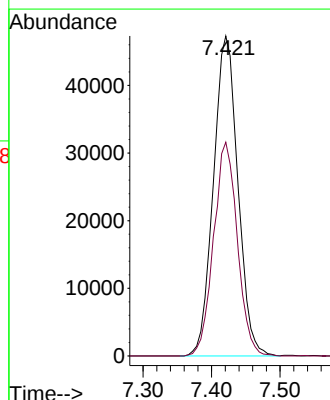
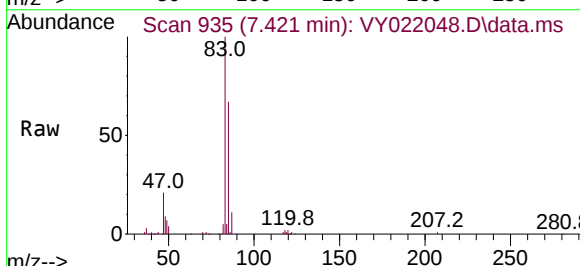
Acq: 29 Apr 2025 10:31

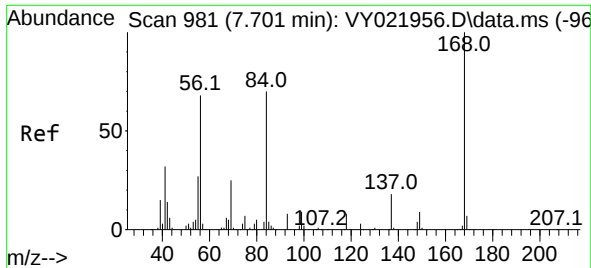
Tgt Ion: 83 Resp: 117036

Ion Ratio Lower Upper

83 100

85 66.8 51.3 76.9

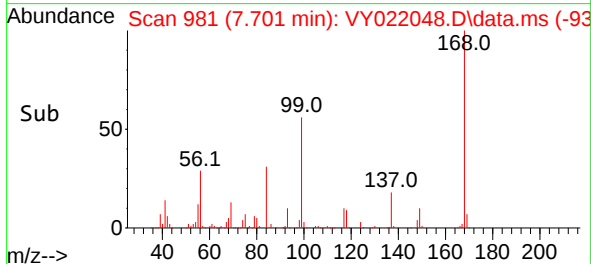
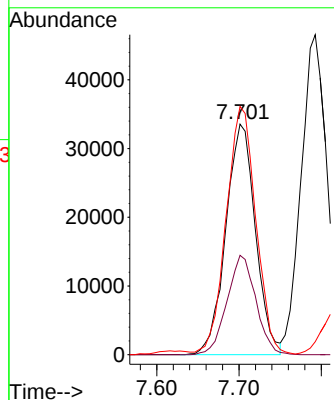
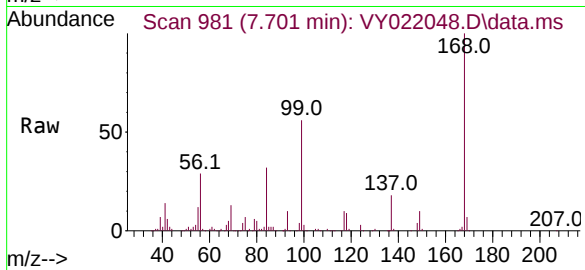




#31
Cyclohexane
Concen: 18.687 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

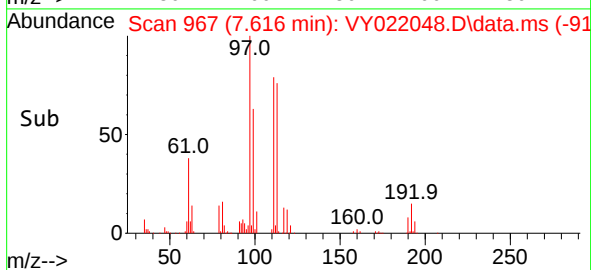
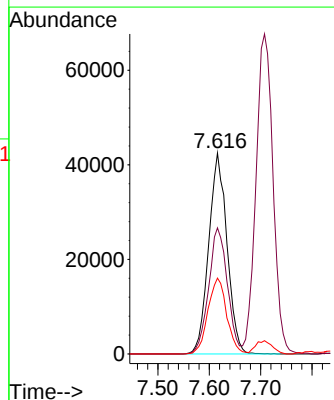
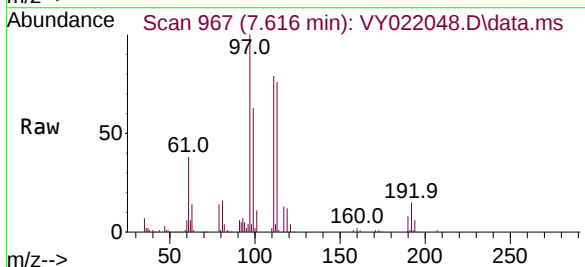
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

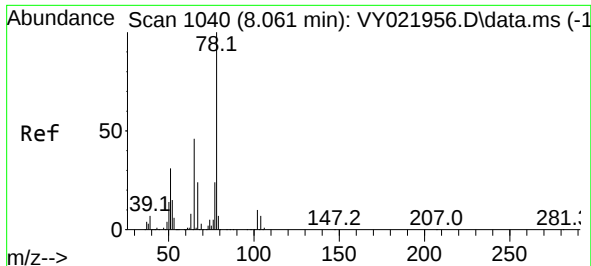
Tgt Ion: 56 Resp: 84220
Ion Ratio Lower Upper
56 100
69 43.1 29.4 44.2
84 106.1 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 19.880 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 97 Resp: 105143
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 38.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 48.350 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

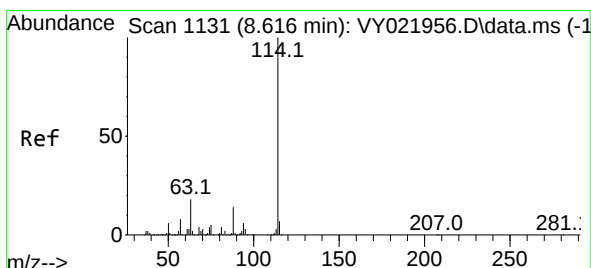
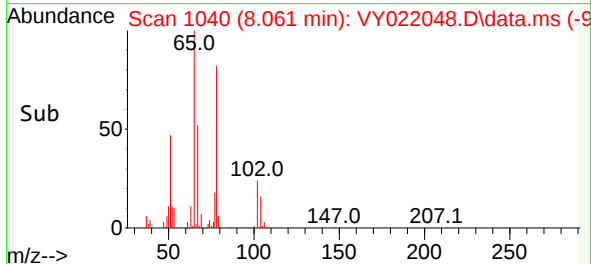
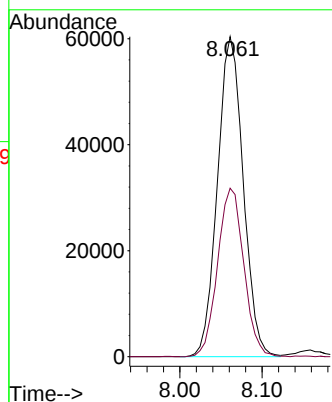
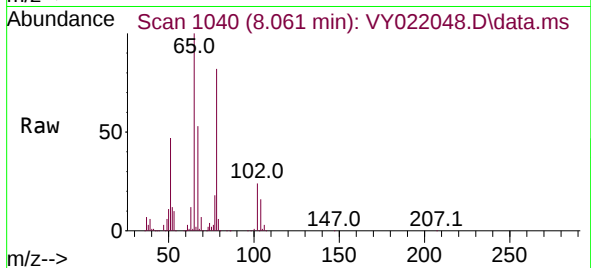
VY0429SBS01

Tgt Ion: 65 Resp: 131819

Ion Ratio Lower Upper

65 100

67 53.5 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: VY022048.D

Acq: 29 Apr 2025 10:31

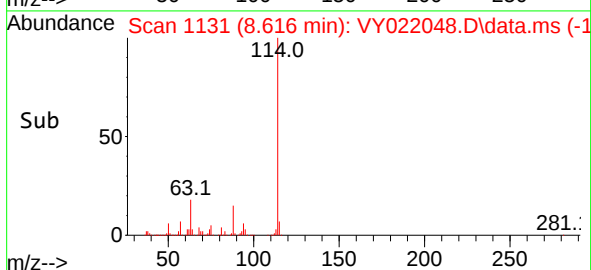
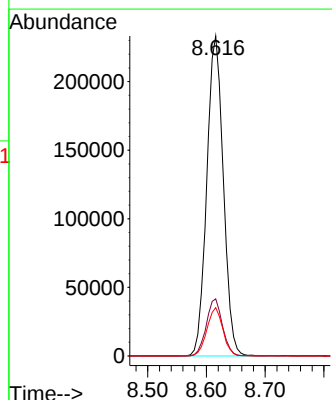
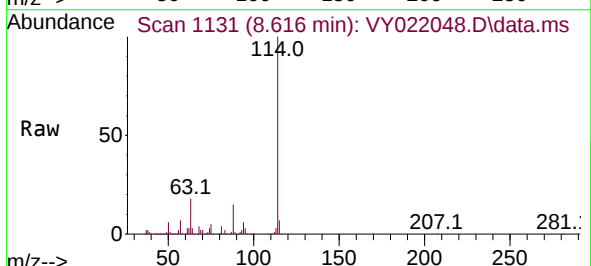
Tgt Ion:114 Resp: 455592

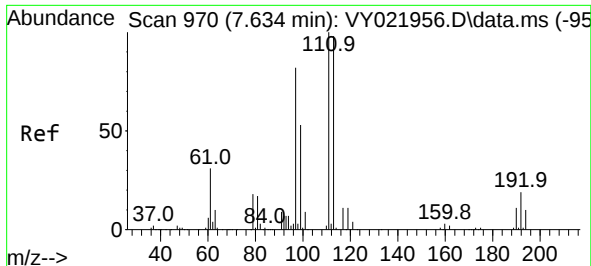
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.4

88 15.1 0.0 28.2

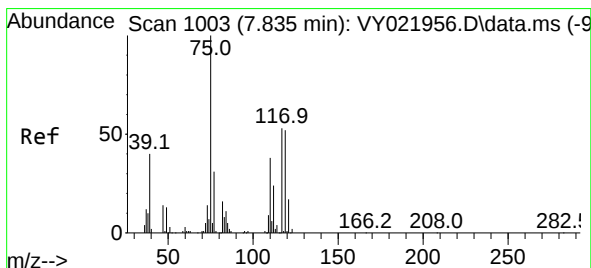
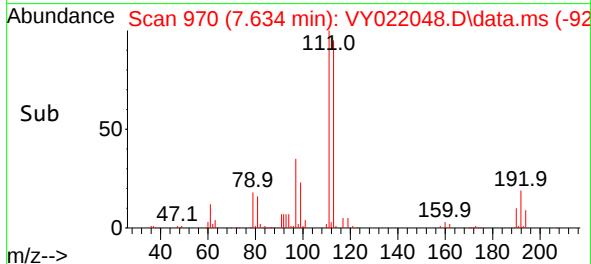
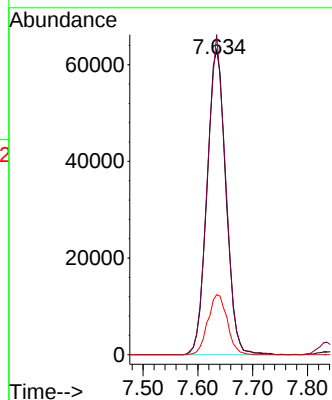
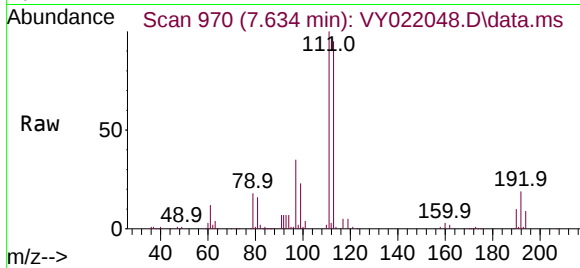




#35
Dibromofluoromethane
Concen: 50.166 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

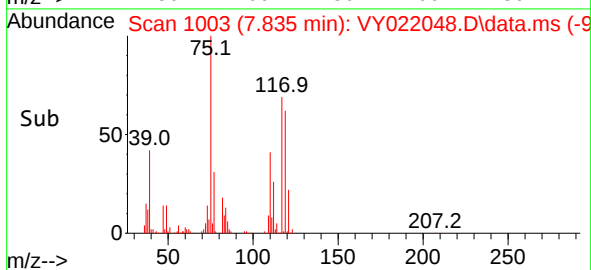
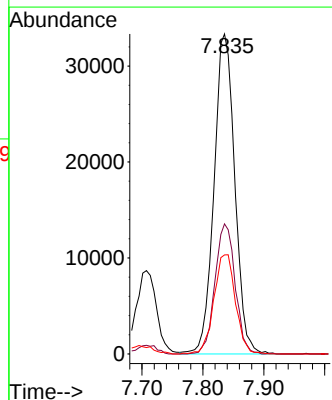
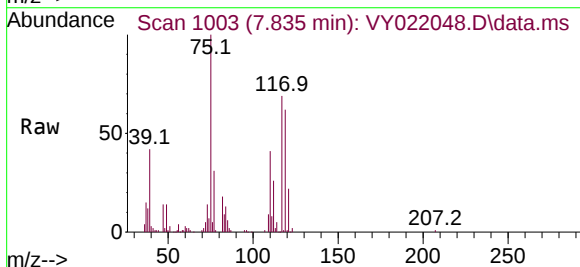
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

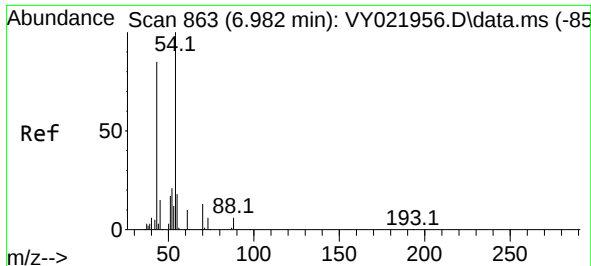
Tgt Ion:113 Resp: 150994
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.8
192 20.1 15.6 23.4



#36
1,1-Dichloropropene
Concen: 19.558 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 75 Resp: 79075
Ion Ratio Lower Upper
75 100
110 39.4 19.1 57.3
77 32.2 25.5 38.3

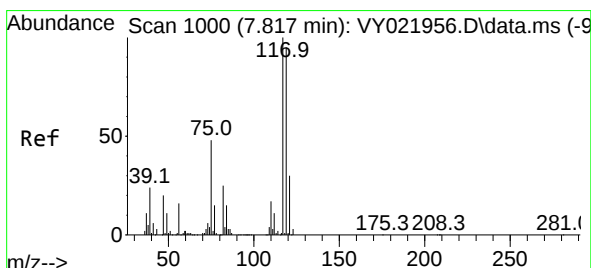
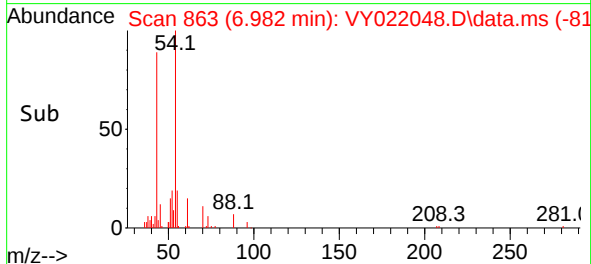
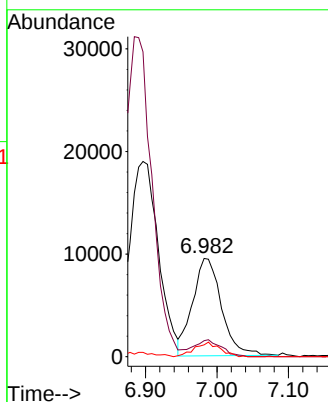
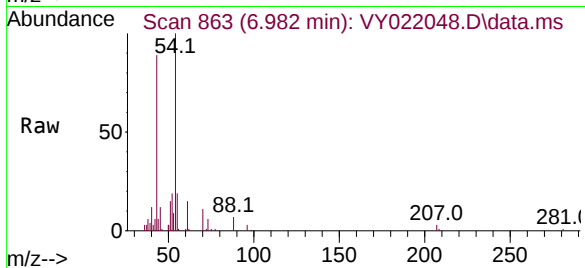




#37
Ethyl Acetate
Concen: 18.338 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

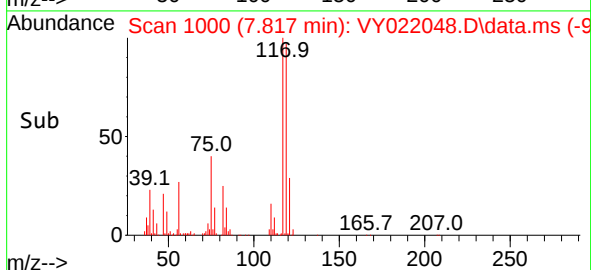
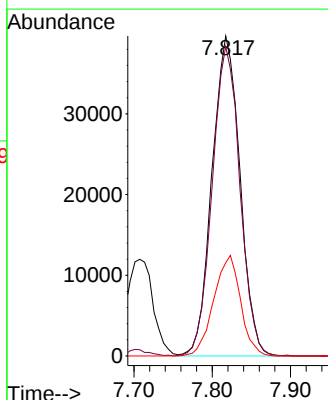
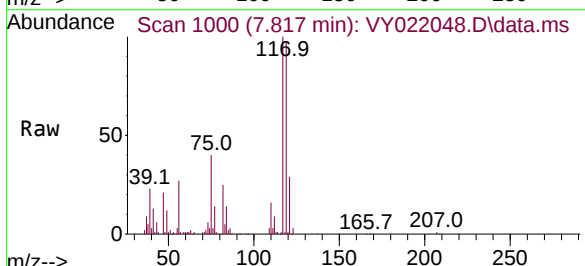
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tgt Ion:	43	Resp:	26628
Ion	Ratio	Lower	Upper
43	100		
61	16.7	13.8	20.6
70	13.0	9.2	13.8



#38
Carbon Tetrachloride
Concen: 20.330 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion:	117	Resp:	98218
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.2	114.4
121	29.1	24.0	36.0





#39

Methylcyclohexane

Concen: 18.187 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

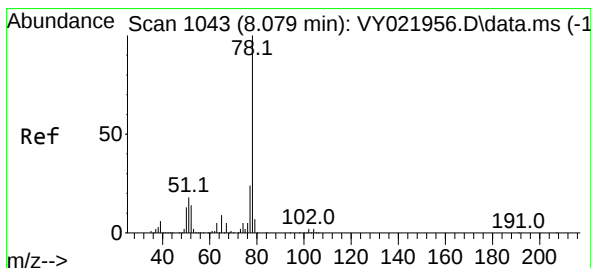
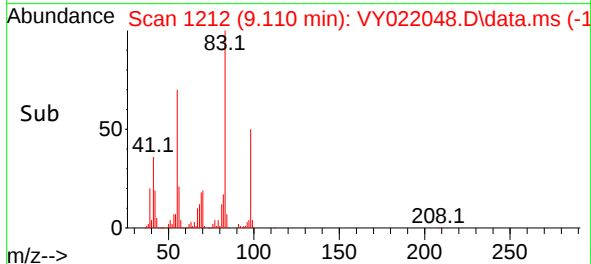
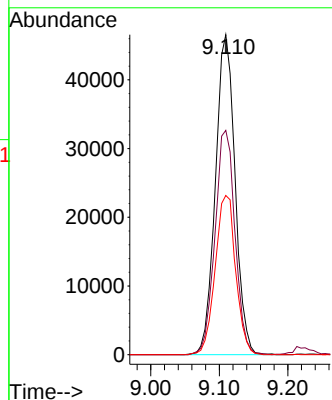
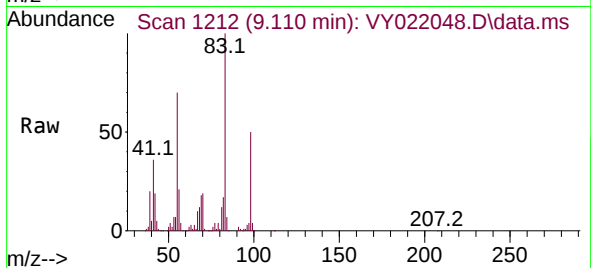
Tgt Ion: 83 Resp: 92537

Ion Ratio Lower Upper

83 100

55 70.1 50.6 75.8

98 49.8 38.6 58.0



#40

Benzene

Concen: 20.158 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022048.D

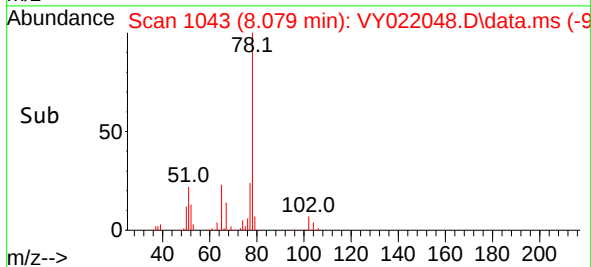
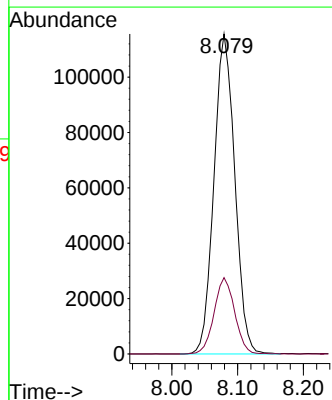
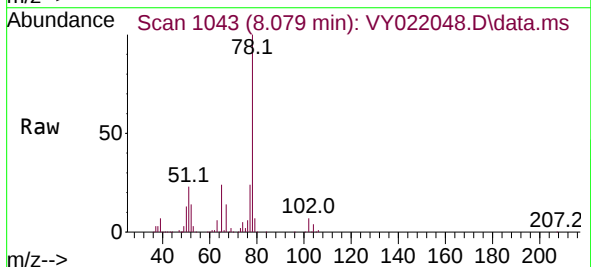
Acq: 29 Apr 2025 10:31

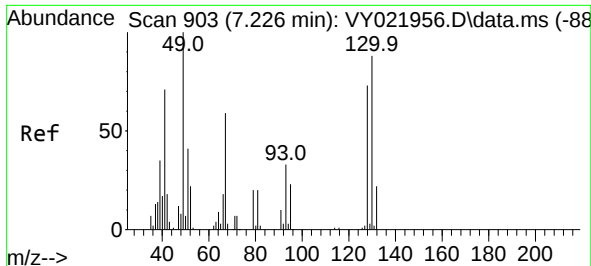
Tgt Ion: 78 Resp: 254772

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9

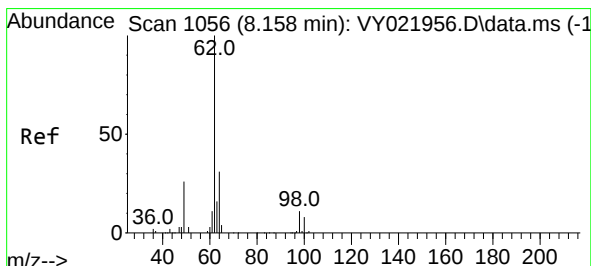
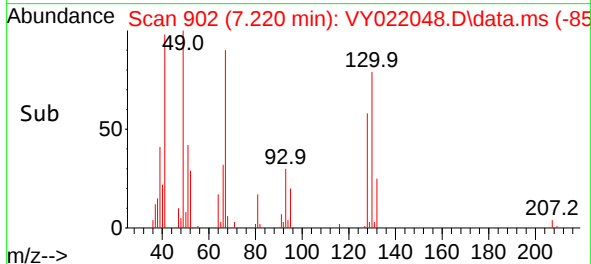
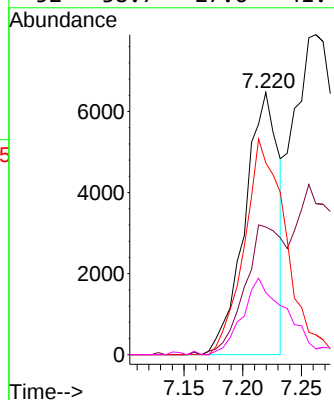
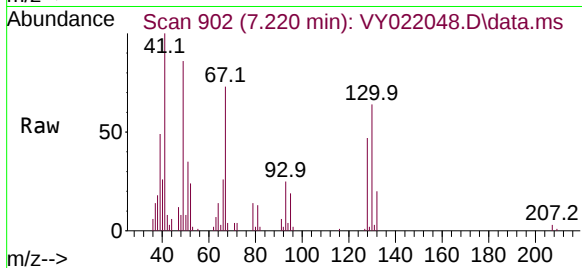




#41
Methacrylonitrile
Concen: 16.313 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

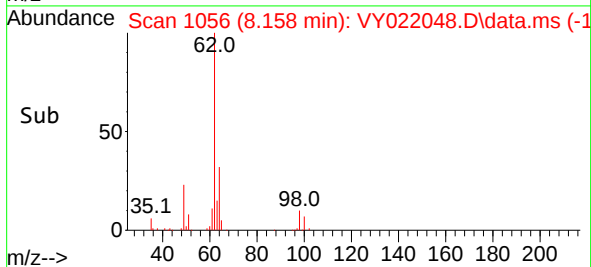
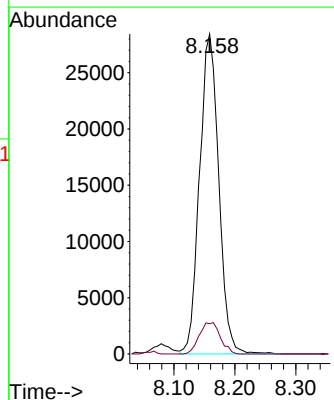
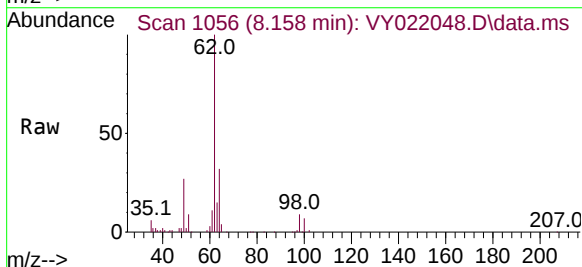
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

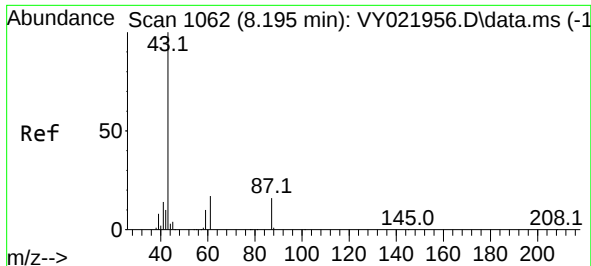
Tgt Ion: 41 Resp: 12949
Ion Ratio Lower Upper
41 100
39 59.2 36.6 55.0#
67 101.0 72.2 108.4
52 38.7 27.6 41.4



#42
1,2-Dichloroethane
Concen: 19.929 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 62 Resp: 62360
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0

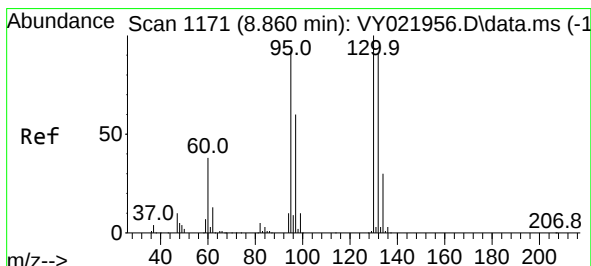
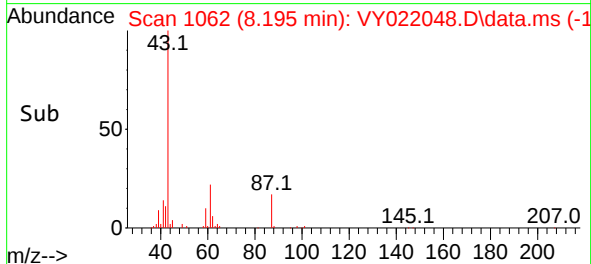
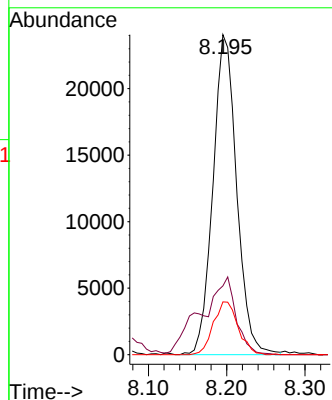
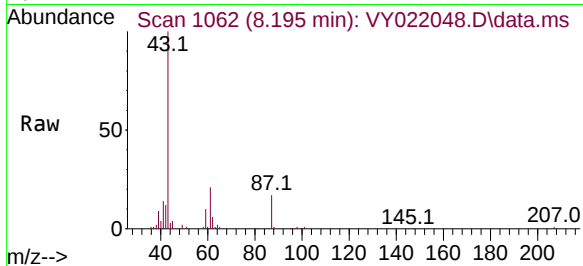




#43
Isopropyl Acetate
Concen: 18.193 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

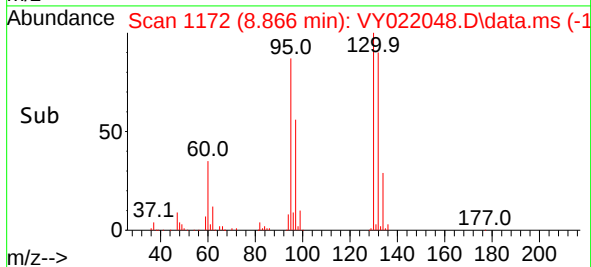
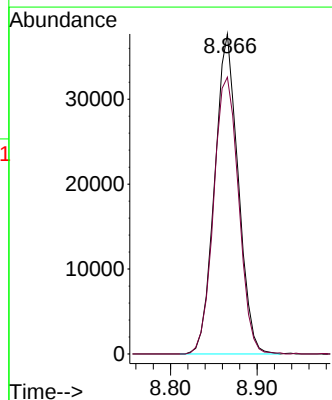
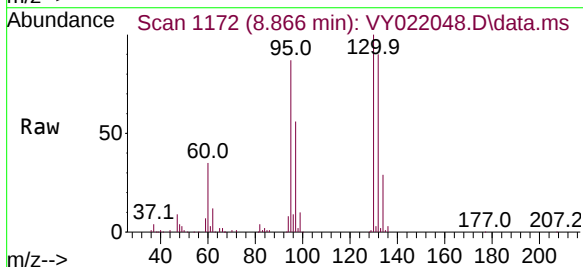
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

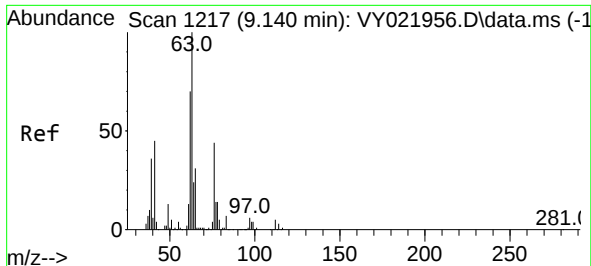
Tgt Ion: 43 Resp: 50732
Ion Ratio Lower Upper
43 100
61 21.9 18.9 28.3
87 17.2 13.7 20.5



#44
Trichloroethene
Concen: 20.290 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 130 Resp: 71028
Ion Ratio Lower Upper
130 100
95 86.5 0.0 183.2





#45

1,2-Dichloropropane

Concen: 20.194 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

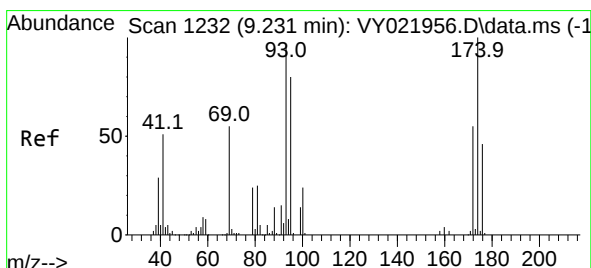
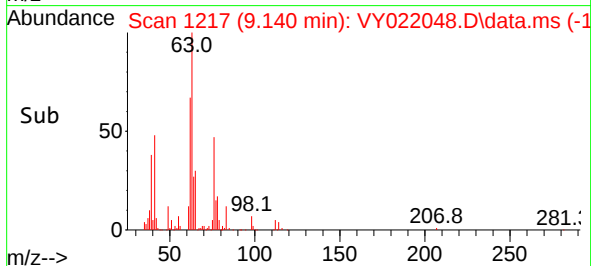
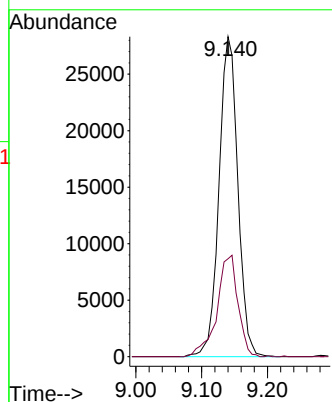
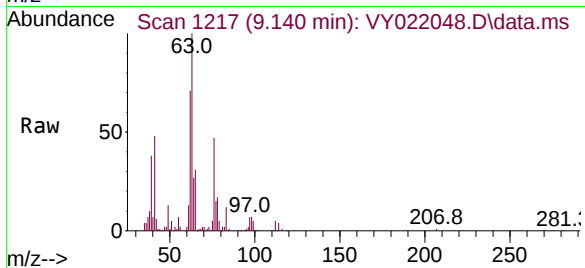
VY0429SBS01

Tgt Ion: 63 Resp: 56441

Ion Ratio Lower Upper

63 100

65 30.6 25.2 37.8



#46

Dibromomethane

Concen: 19.593 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

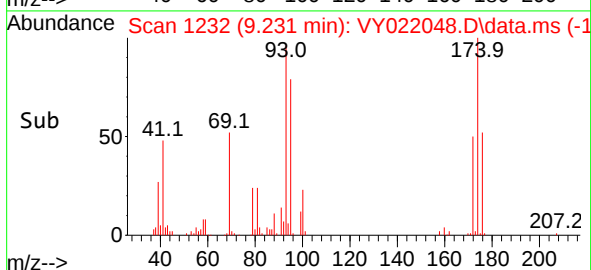
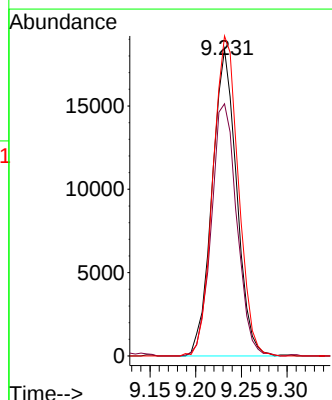
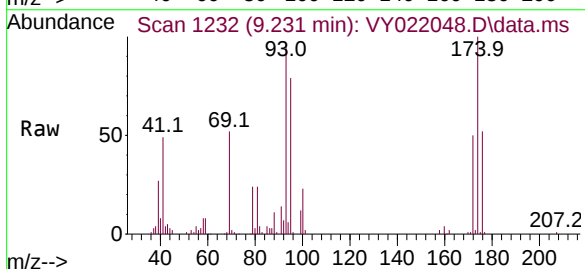
Tgt Ion: 93 Resp: 34280

Ion Ratio Lower Upper

93 100

95 85.0 66.7 100.1

174 108.0 84.6 127.0

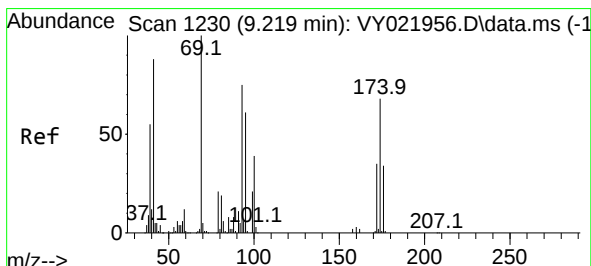
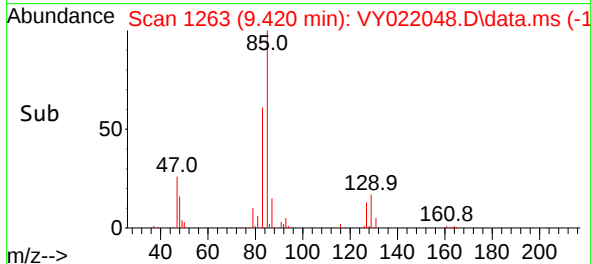
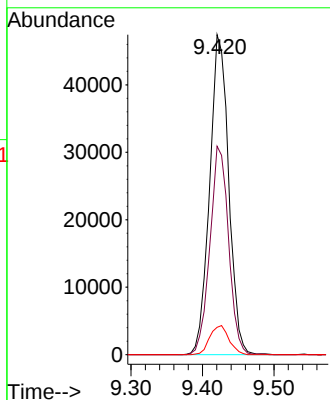
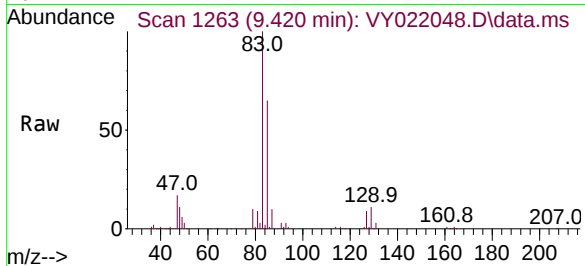




#47
Bromodichloromethane
Concen: 20.067 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

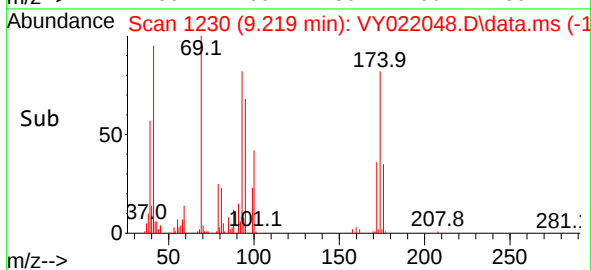
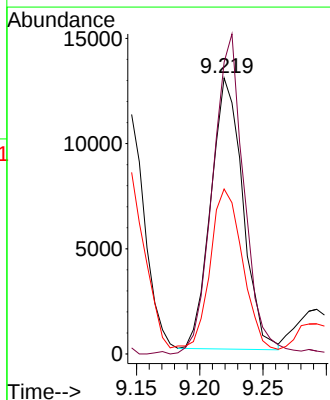
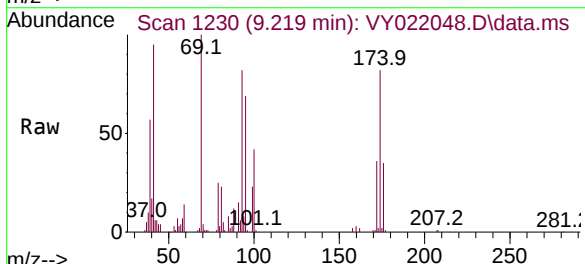
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

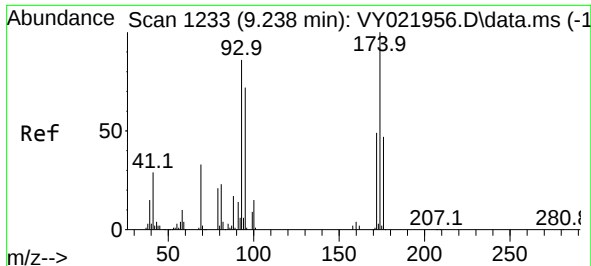
Tgt Ion:	83	Resp:	87710
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.8
127	8.5	7.0	10.6



#48
Methyl methacrylate
Concen: 17.533 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion:	41	Resp:	22602
Ion	Ratio	Lower	Upper
41	100		
69	117.1	85.5	128.3
39	59.4	46.2	69.4





#49

1,4-Dioxane

Concen: 355.374 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

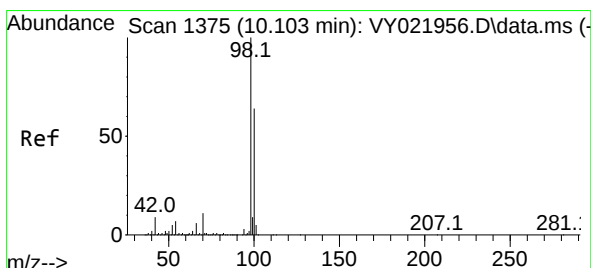
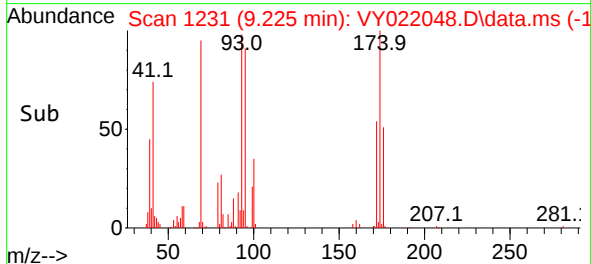
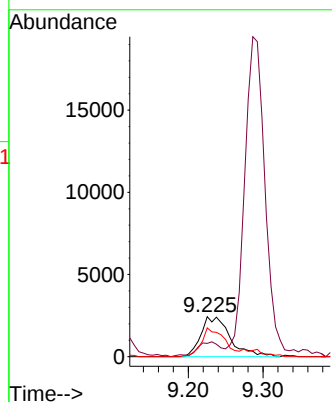
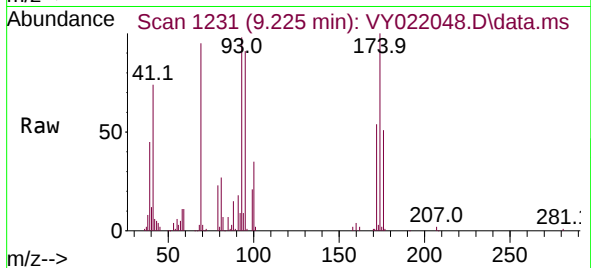
Tgt Ion: 88 Resp: 6627

Ion Ratio Lower Upper

88 100

43 30.6 21.3 31.9

58 56.9 50.5 75.7



#50

Toluene-d8

Concen: 50.927 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022048.D

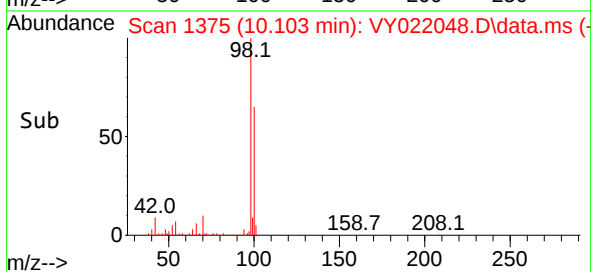
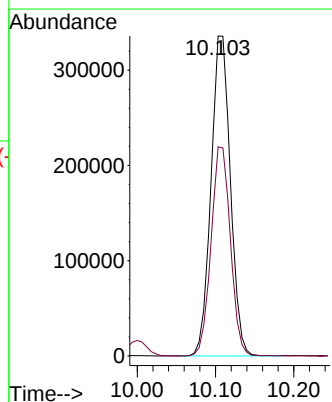
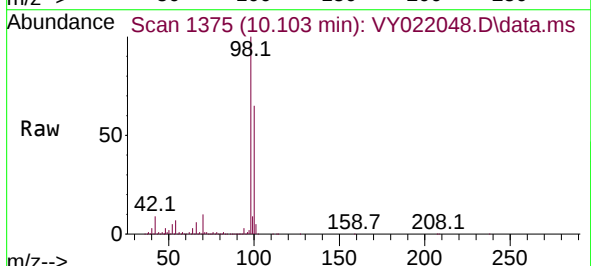
Acq: 29 Apr 2025 10:31

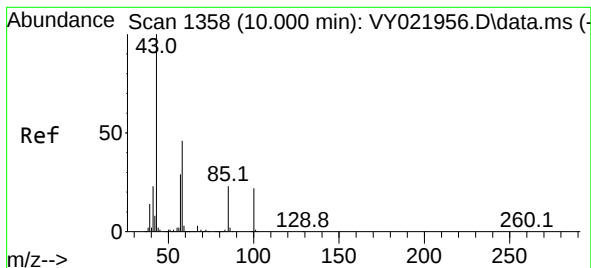
Tgt Ion: 98 Resp: 577886

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4

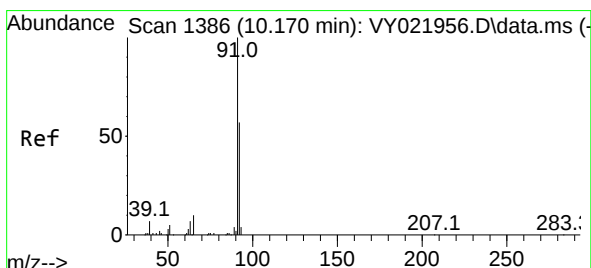
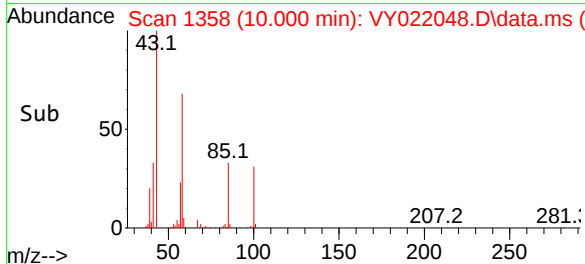
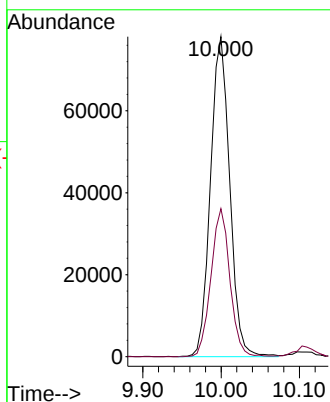
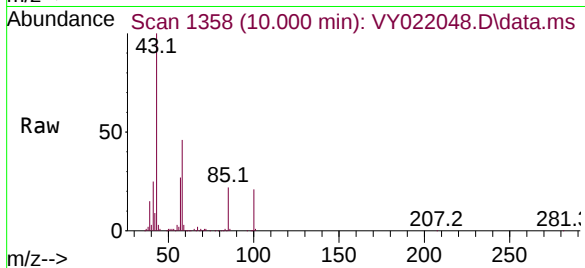




#51
4-Methyl-2-Pentanone
Concen: 91.148 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

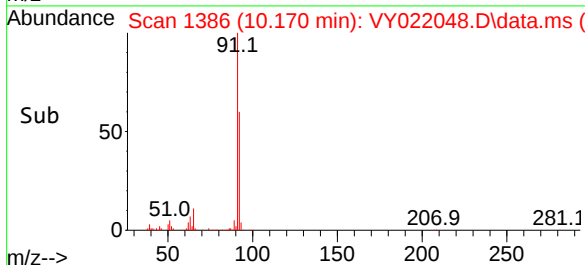
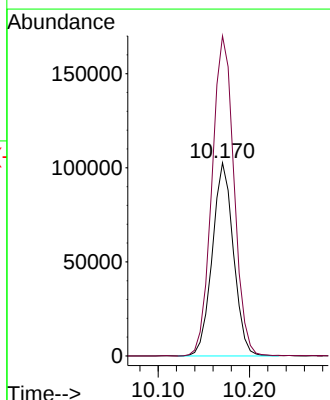
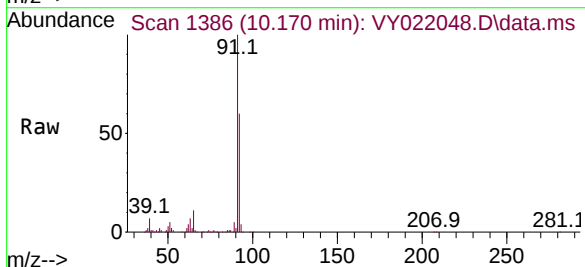
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

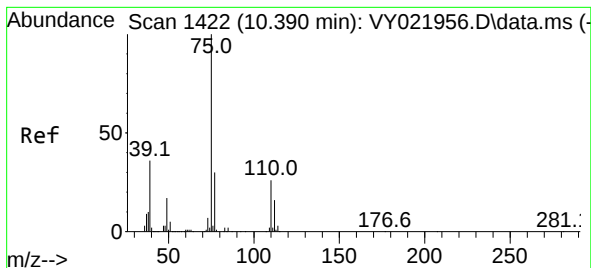
Tgt Ion: 43 Resp: 133241
Ion Ratio Lower Upper
43 100
58 45.6 36.6 55.0



#52
Toluene
Concen: 20.141 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 92 Resp: 164777
Ion Ratio Lower Upper
92 100
91 172.8 138.6 207.8

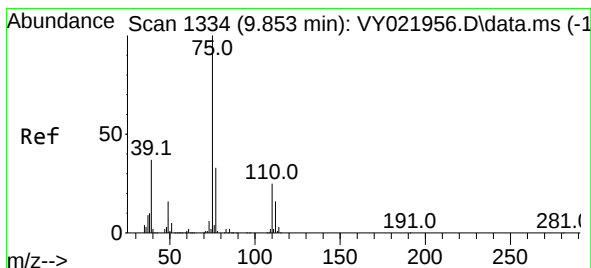
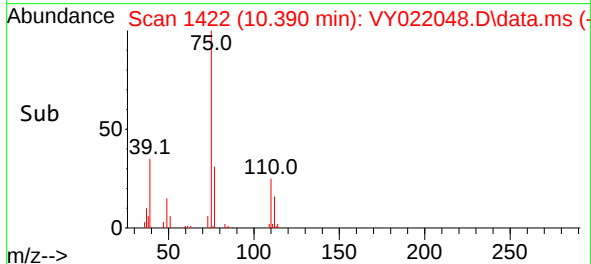
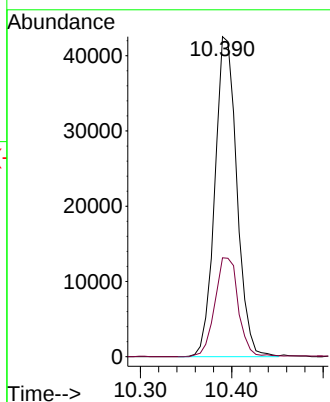
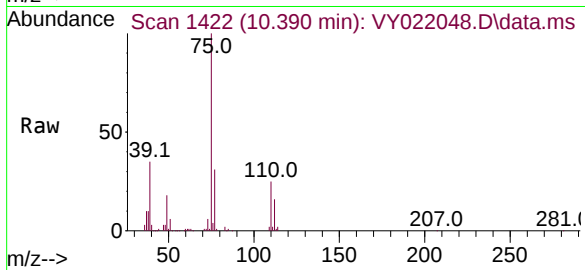




#53
t-1,3-Dichloropropene
Concen: 19.011 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

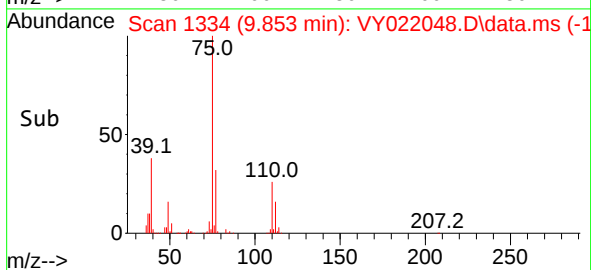
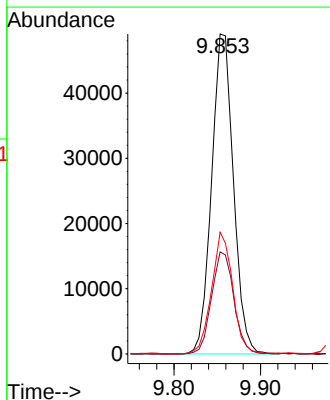
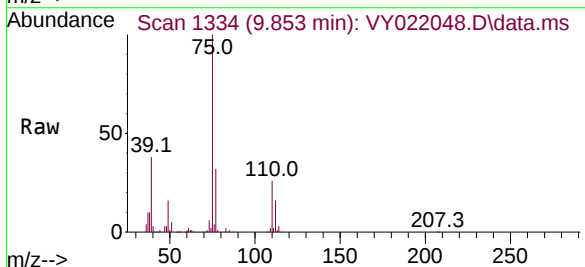
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tgt Ion: 75 Resp: 71271
Ion Ratio Lower Upper
75 100
77 30.9 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 19.290 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 75 Resp: 85968
Ion Ratio Lower Upper
75 100
77 31.9 26.6 40.0
39 38.1 29.6 44.4

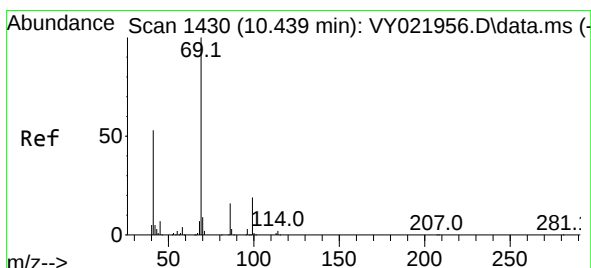
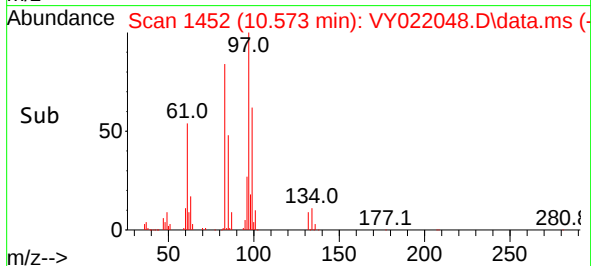
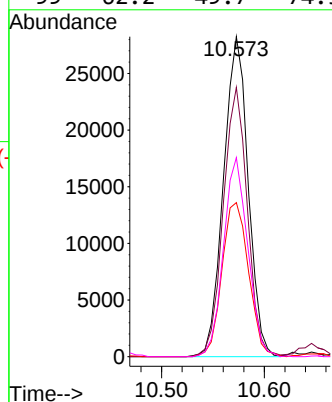
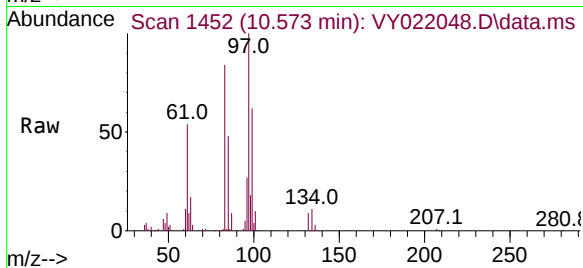




#55
1,1,2-Trichloroethane
Concen: 20.140 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

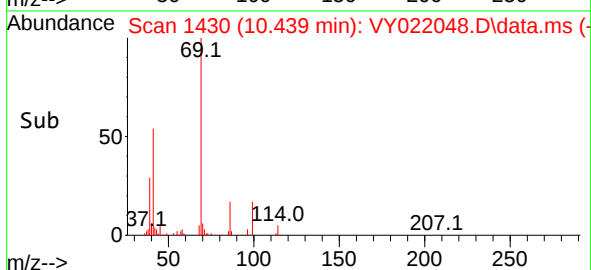
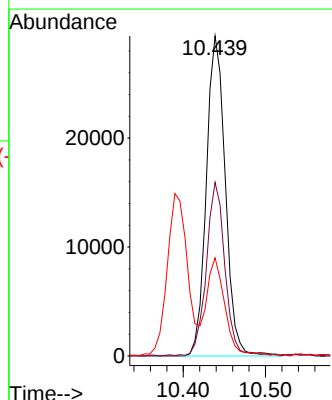
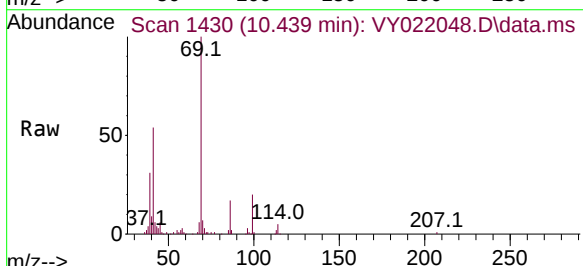
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

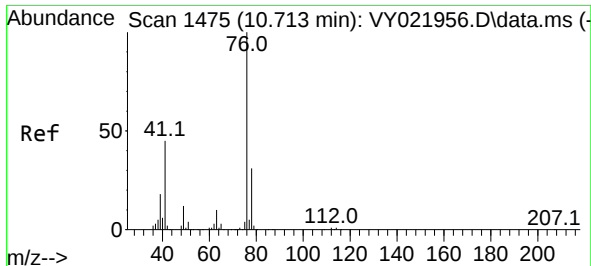
Tgt Ion: 97	Resp: 47069
Ion Ratio	Lower Upper
97 100	
83 84.1	66.7 100.1
85 48.1	42.6 64.0
99 62.2	49.7 74.5



#56
Ethyl methacrylate
Concen: 17.613 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 69	Resp: 47072
Ion Ratio	Lower Upper
69 100	
41 53.7	40.7 61.1
39 28.4	23.3 34.9





#57

1,3-Dichloropropane

Concen: 19.886 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

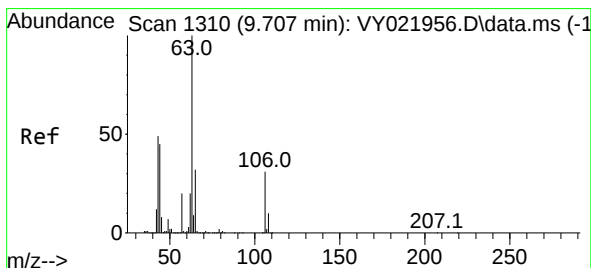
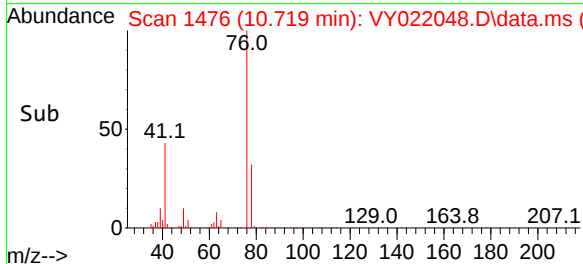
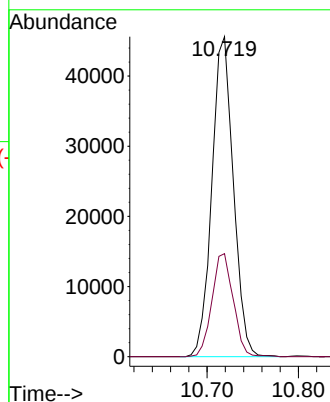
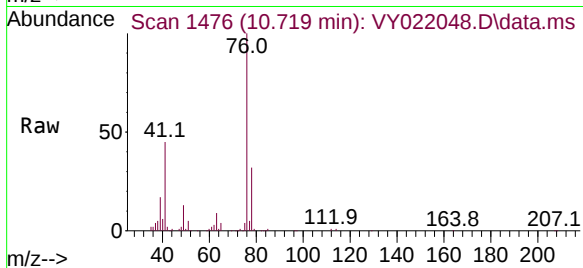
VY0429SBS01

Tgt Ion: 76 Resp: 74505

Ion Ratio Lower Upper

76 100

78 31.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 91.185 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022048.D

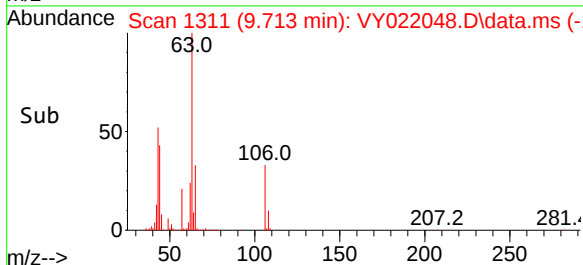
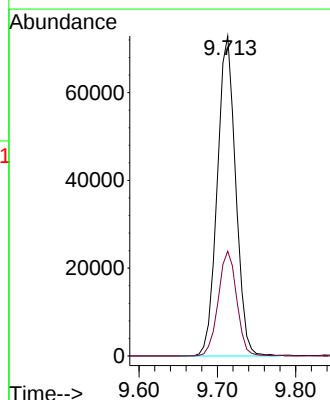
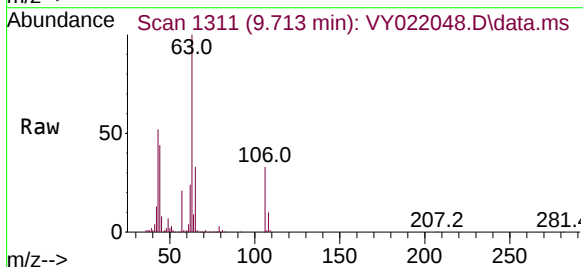
Acq: 29 Apr 2025 10:31

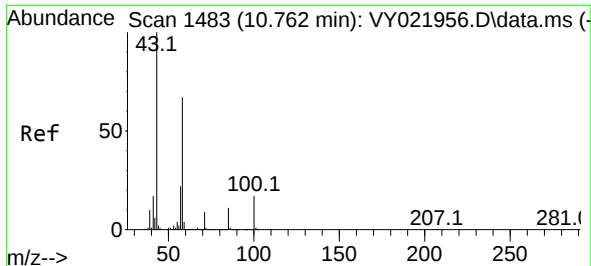
Tgt Ion: 63 Resp: 119153

Ion Ratio Lower Upper

63 100

106 32.8 25.3 37.9

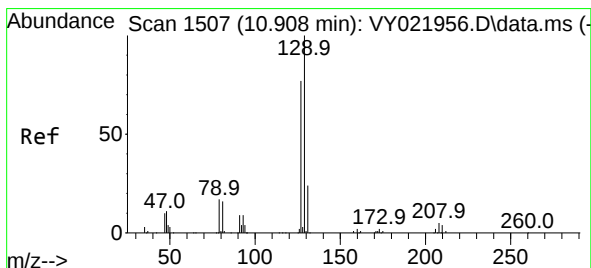
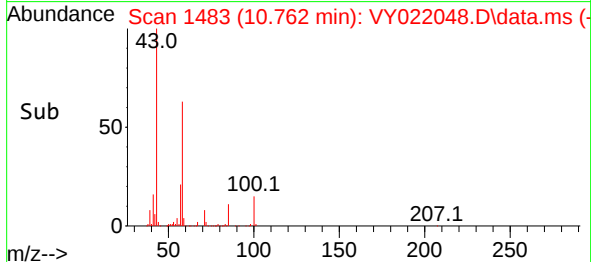
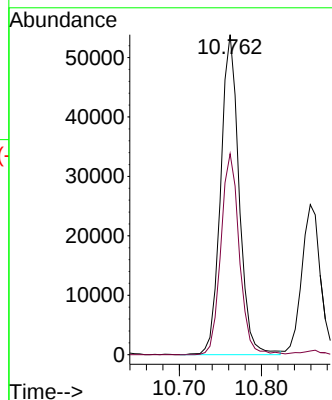
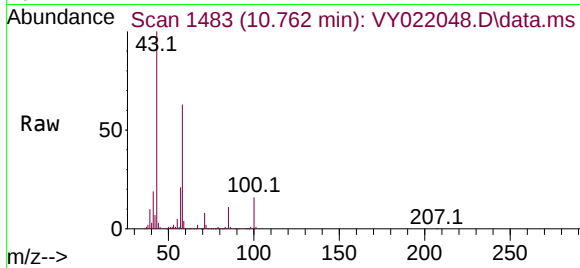




#59
2-Hexanone
Concen: 86.992 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

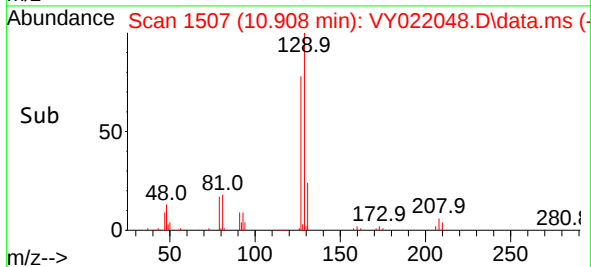
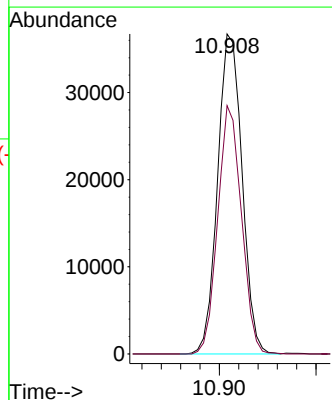
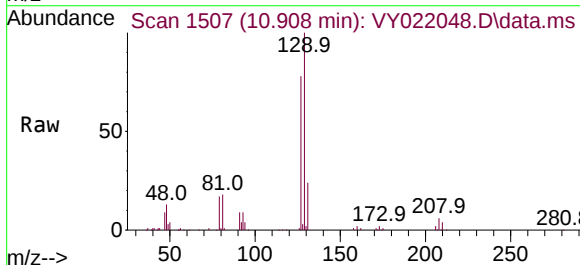
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

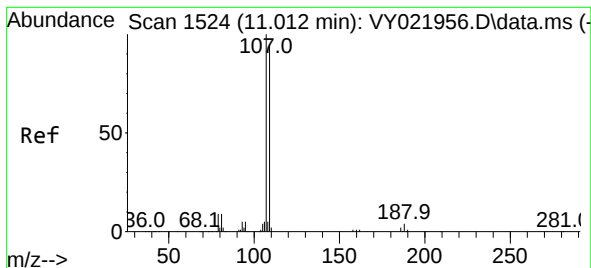
Tgt Ion: 43 Resp: 83877
Ion Ratio Lower Upper
43 100
58 62.6 32.0 96.0



#60
Dibromochloromethane
Concen: 19.894 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 129 Resp: 64371
Ion Ratio Lower Upper
129 100
127 75.1 38.5 115.3

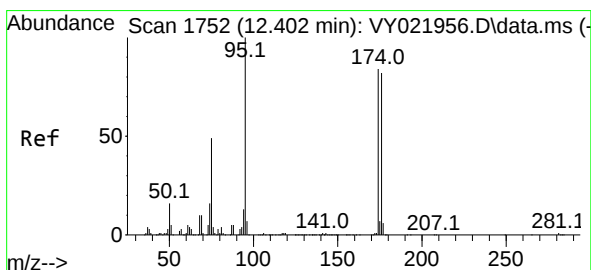
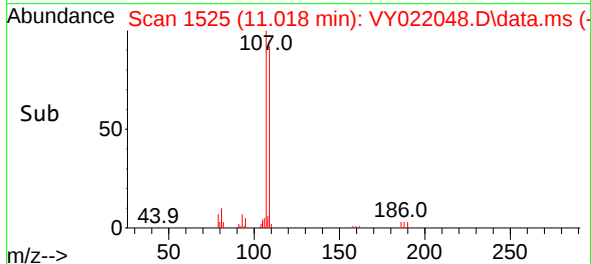
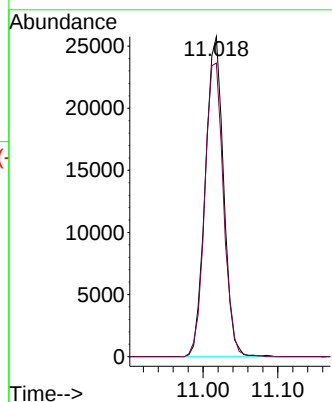
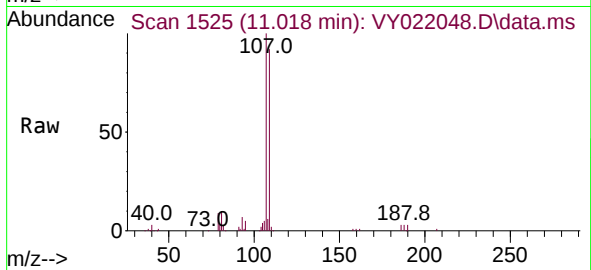




#61
1,2-Dibromoethane
Concen: 19.774 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

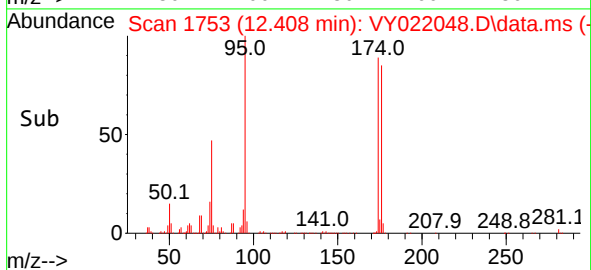
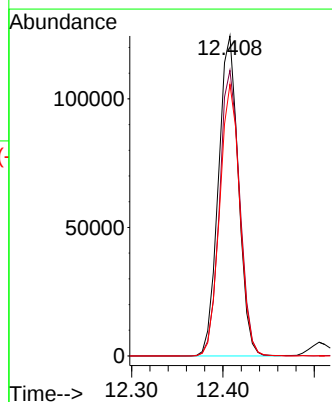
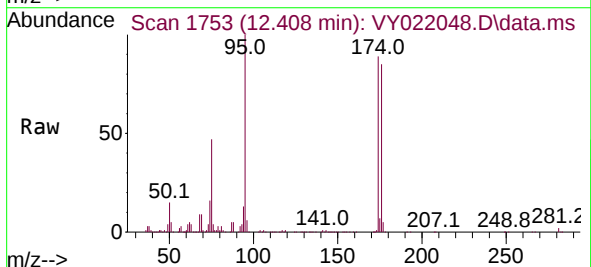
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

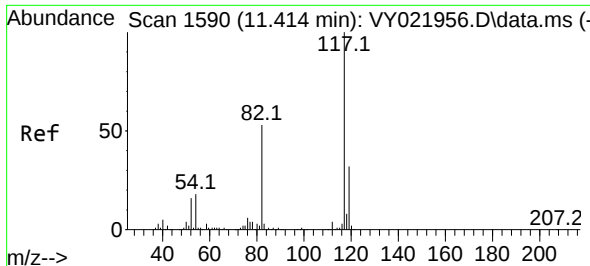
Tgt Ion:107 Resp: 43629
Ion Ratio Lower Upper
107 100
109 94.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 49.628 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 95 Resp: 189577
Ion Ratio Lower Upper
95 100
174 90.2 0.0 179.0
176 85.5 0.0 171.8

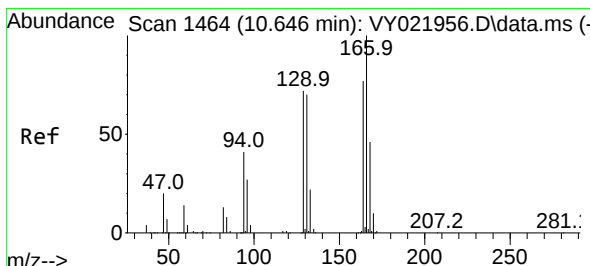
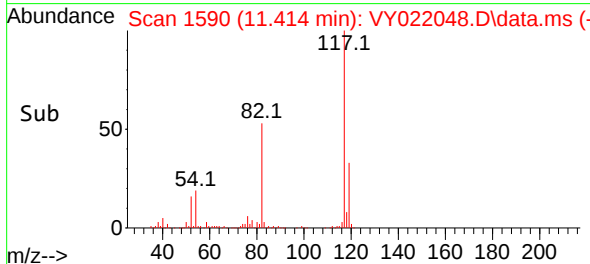
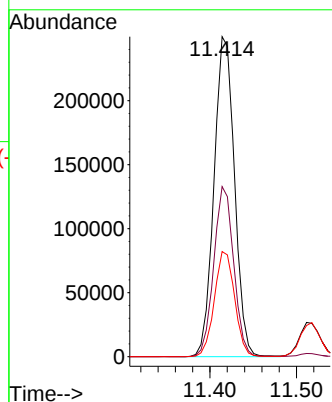
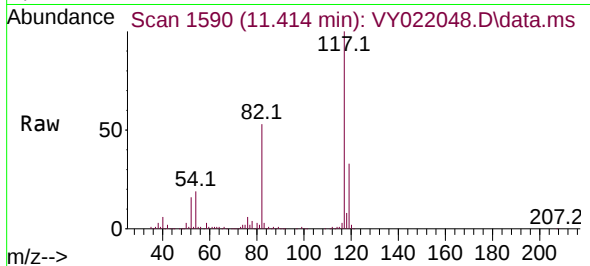




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

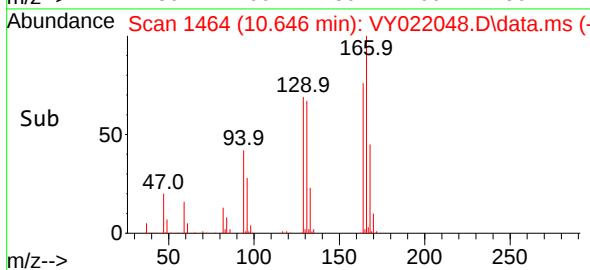
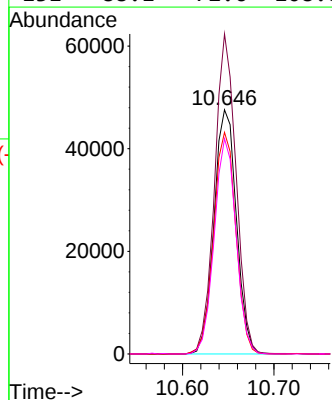
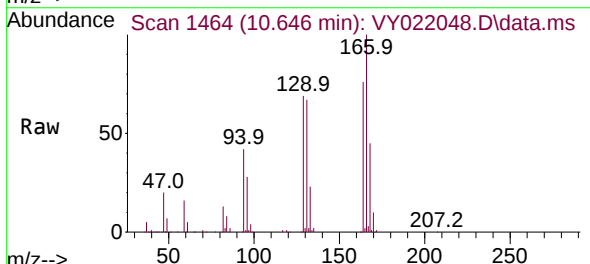
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tgt Ion:117 Resp: 411306
Ion Ratio Lower Upper
117 100
82 53.1 42.1 63.1
119 32.8 25.7 38.5



#64
Tetrachloroethene
Concen: 20.941 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion:164 Resp: 81253
Ion Ratio Lower Upper
164 100
166 131.1 103.6 155.4
129 90.8 74.2 111.4
131 88.1 72.6 108.8

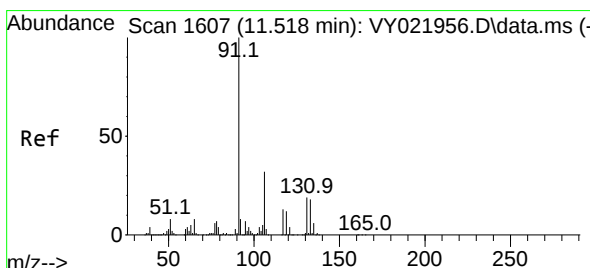
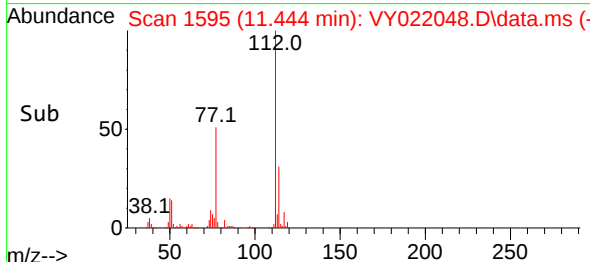
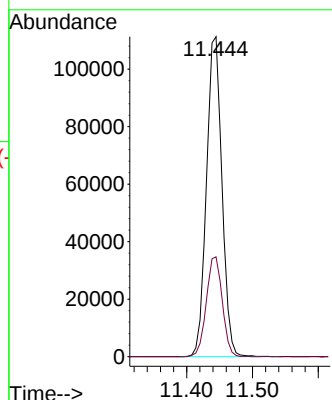
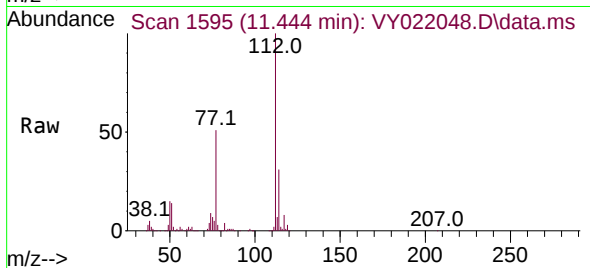




#65
Chlorobenzene
Concen: 19.792 ug/l
RT: 11.444 min Scan# 11595
Delta R.T. 0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

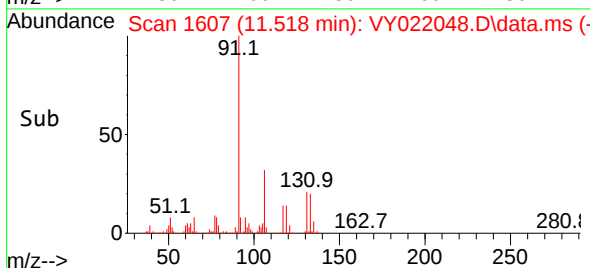
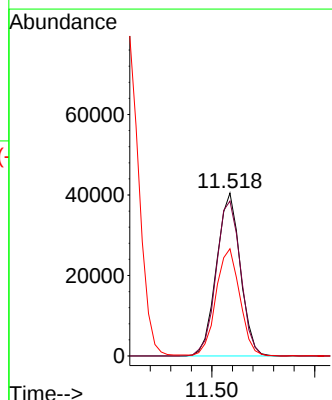
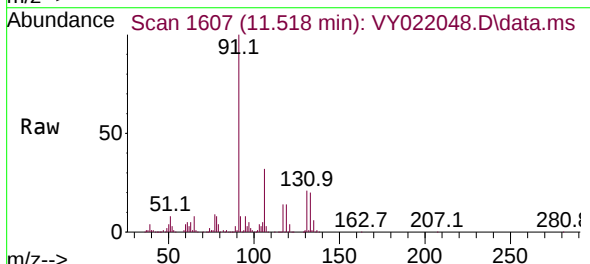
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

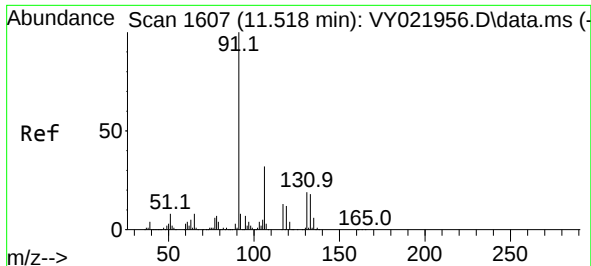
Tgt Ion:112 Resp: 182043
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.058 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion:131 Resp: 64950
Ion Ratio Lower Upper
131 100
133 97.3 47.8 143.3
119 66.2 32.4 97.0





#67

Ethyl Benzene

Concen: 19.443 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

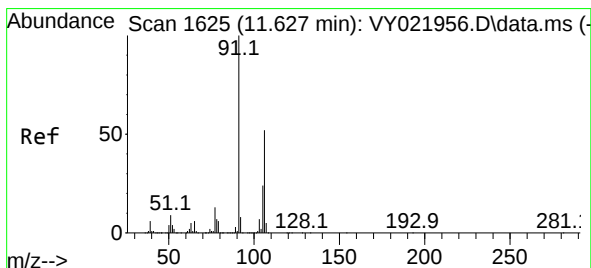
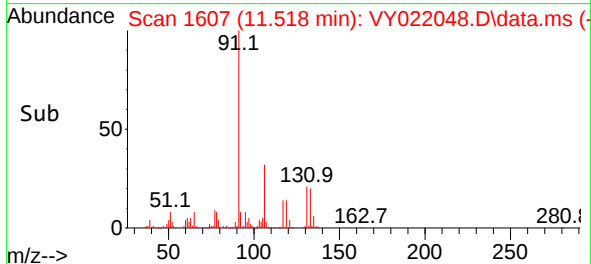
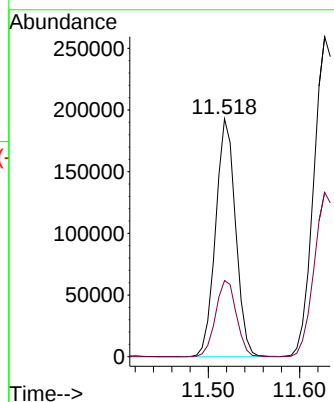
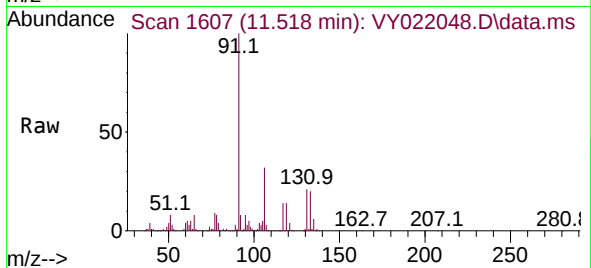
VY0429SBS01

Tgt Ion: 91 Resp: 292538

Ion Ratio Lower Upper

91 100

106 32.0 25.9 38.9



#68

m/p-Xylenes

Concen: 40.178 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022048.D

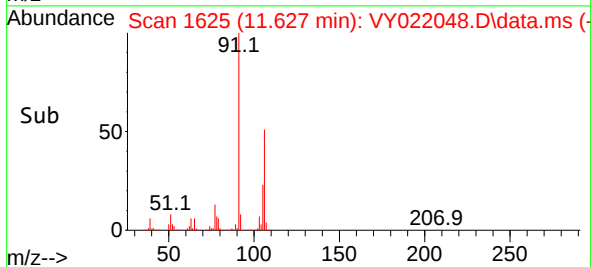
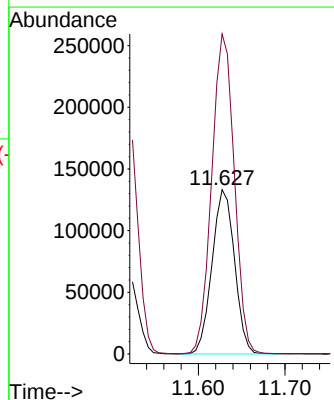
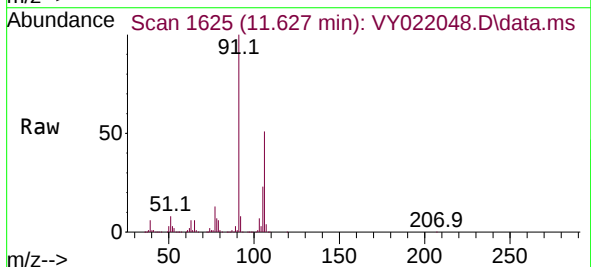
Acq: 29 Apr 2025 10:31

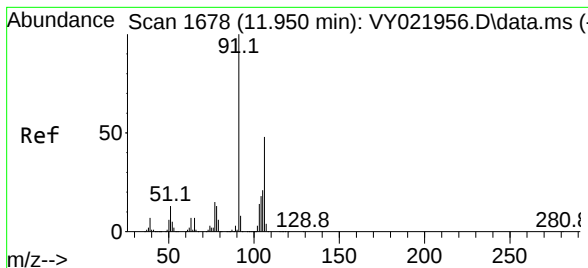
Tgt Ion:106 Resp: 240556

Ion Ratio Lower Upper

106 100

91 195.3 156.2 234.2





#69

o-Xylene

Concen: 19.172 ug/l

RT: 11.957 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

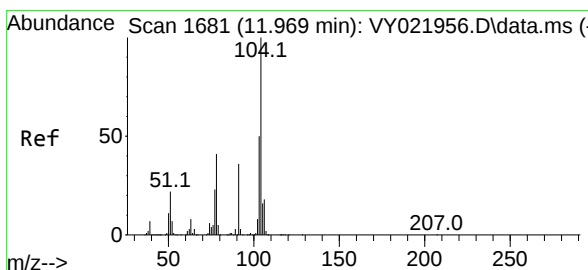
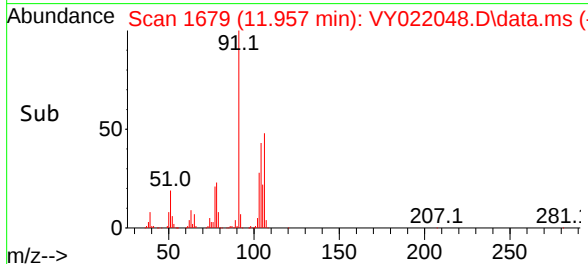
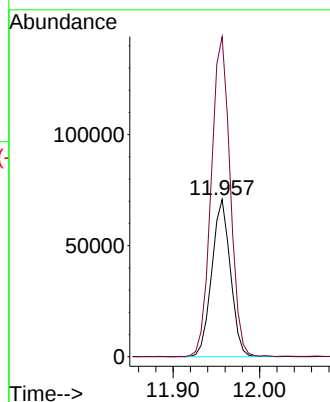
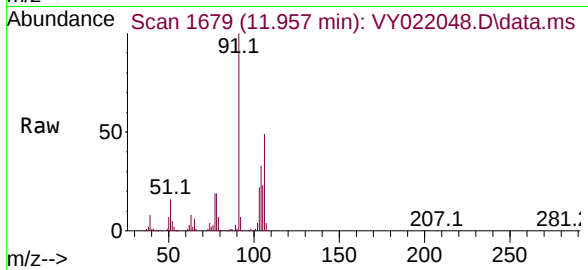
VY0429SBS01

Tgt Ion:106 Resp: 105800

Ion Ratio Lower Upper

106 100

91 207.6 103.0 308.9



#70

Styrene

Concen: 19.770 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

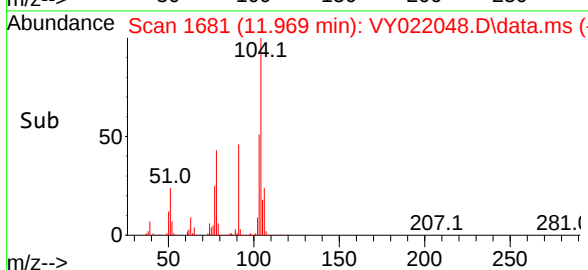
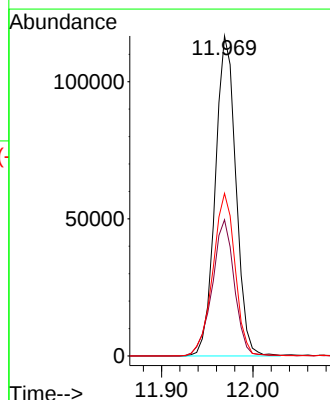
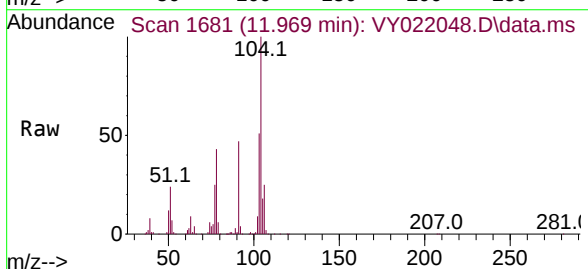
Tgt Ion:104 Resp: 183180

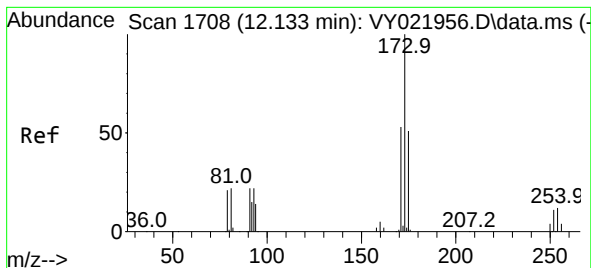
Ion Ratio Lower Upper

104 100

78 45.6 36.6 54.8

103 54.8 43.8 65.8





#71

Bromoform

Concen: 19.415 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

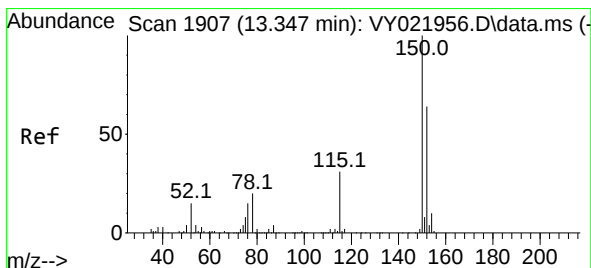
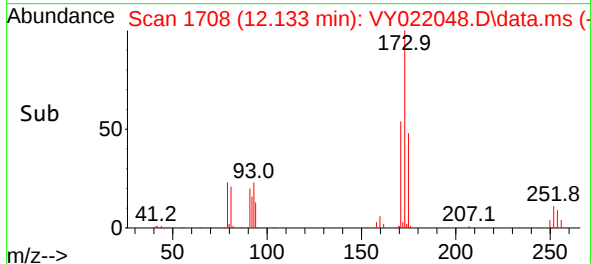
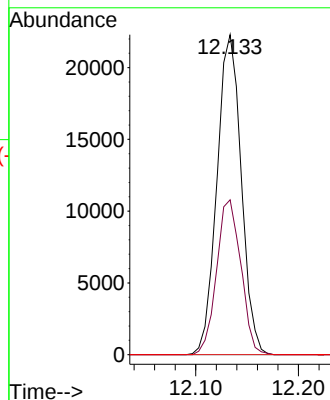
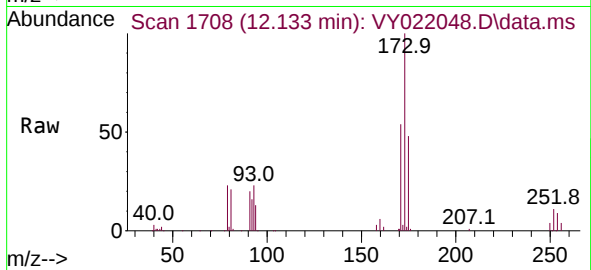
Tgt Ion:173 Resp: 36552

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

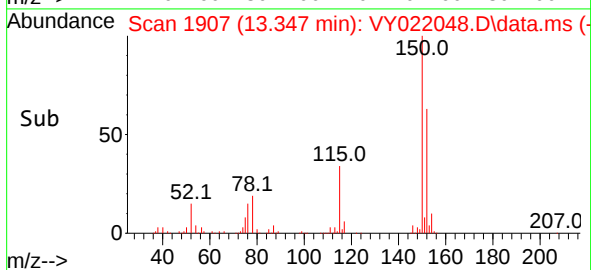
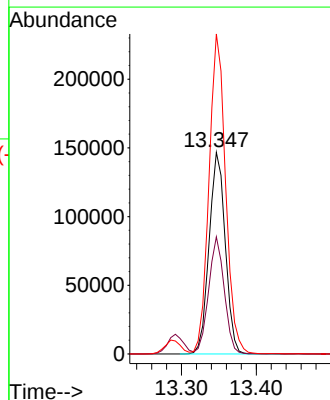
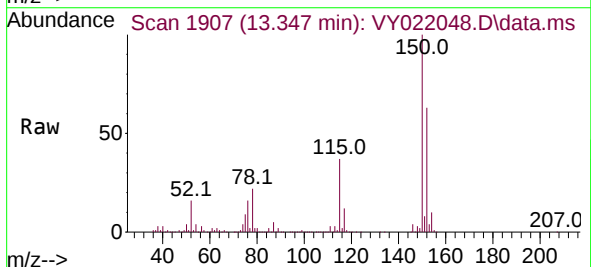
Tgt Ion:152 Resp: 220609

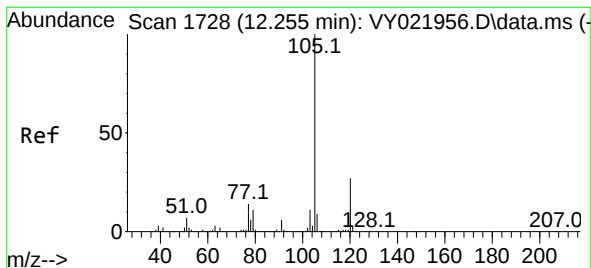
Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

150 163.0 0.0 345.6





#73

Isopropylbenzene

Concen: 19.126 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

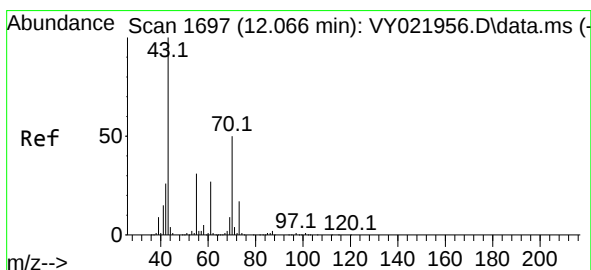
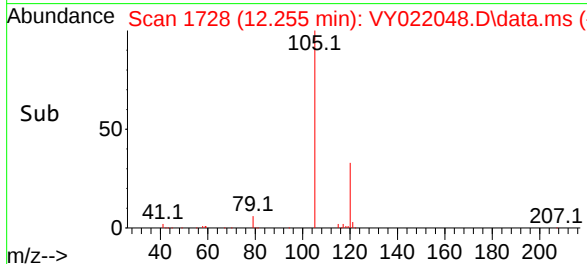
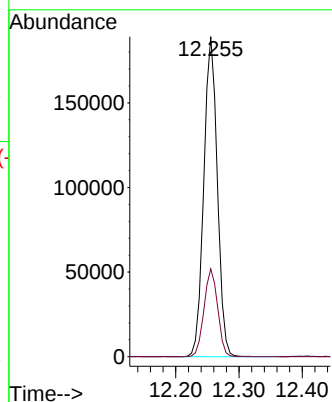
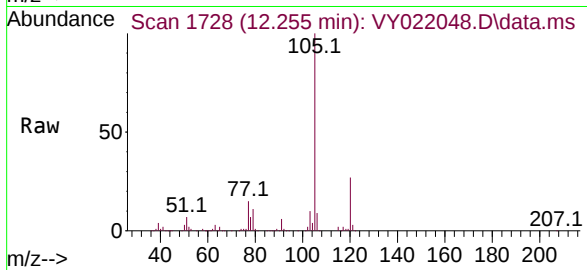
VY0429SBS01

Tgt Ion:105 Resp: 281901

Ion Ratio Lower Upper

105 100

120 27.5 13.5 40.5



#74

N-ethyl acetate

Concen: 16.664 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Tgt Ion: 43 Resp: 42199

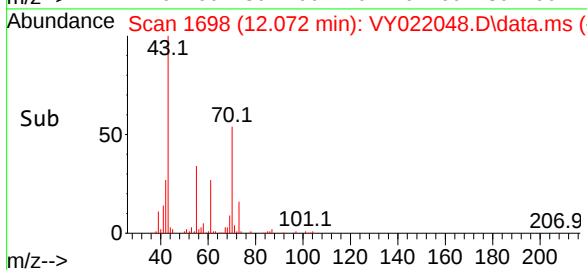
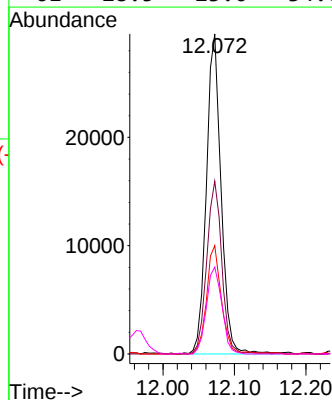
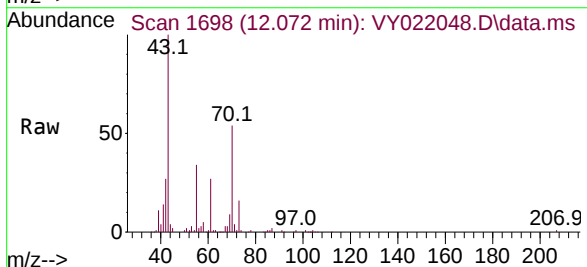
Ion Ratio Lower Upper

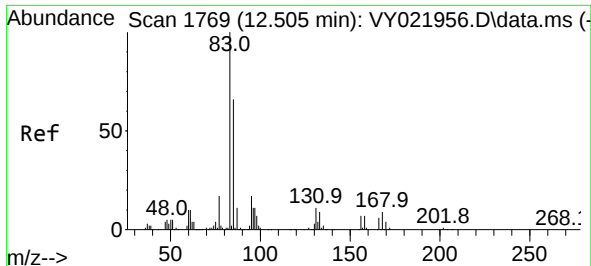
43 100

70 55.3 43.2 64.8

55 34.4 25.7 38.5

61 28.5 23.0 34.6

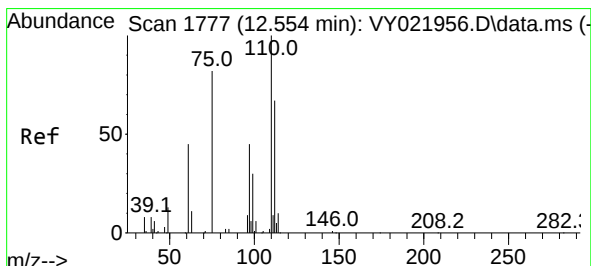
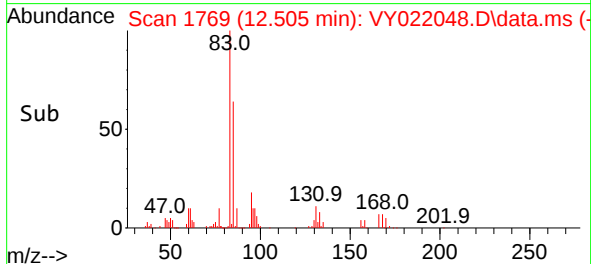
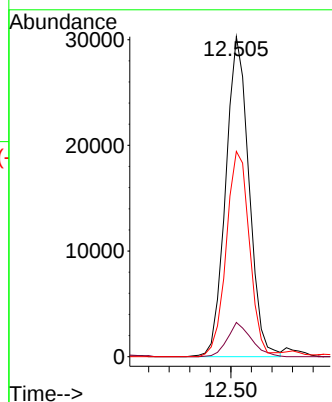
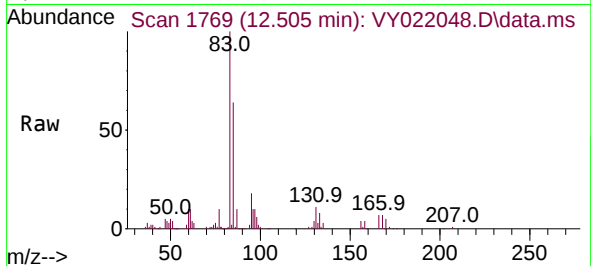




#75
1,1,2,2-Tetrachloroethane
Concen: 19.146 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

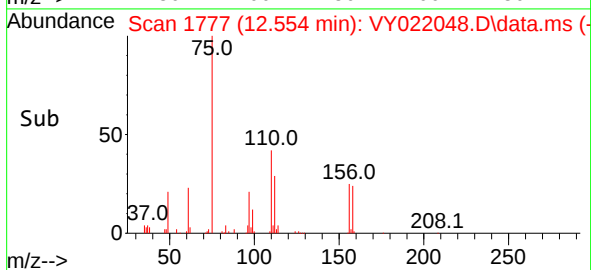
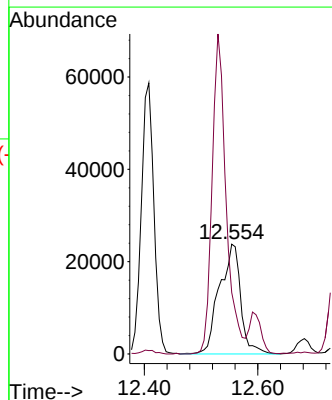
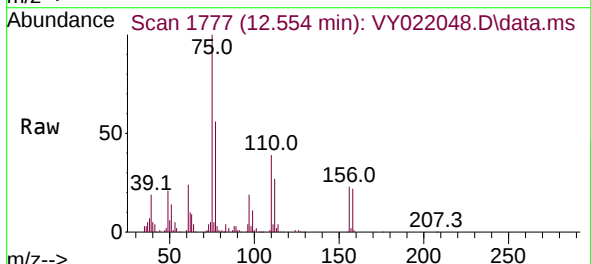
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

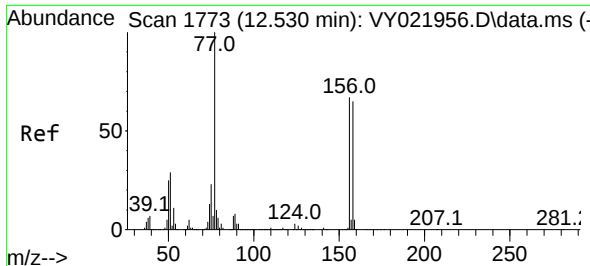
Tgt Ion: 83 Resp: 47578
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.4
85 64.3 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 32.821 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 75 Resp: 62019
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

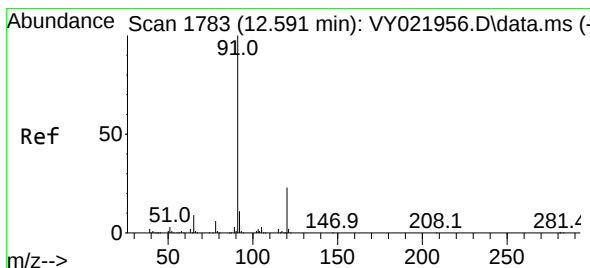
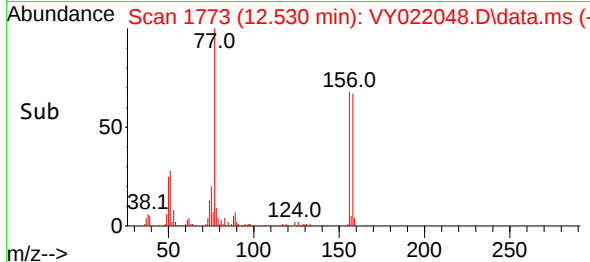
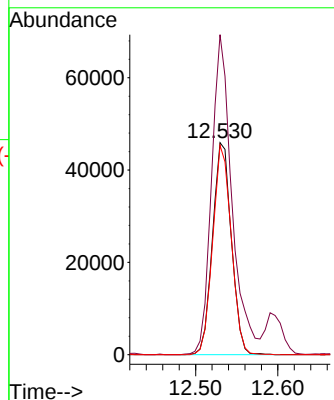
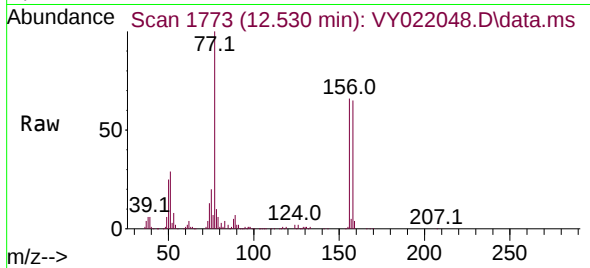




#77
Bromobenzene
Concen: 19.665 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

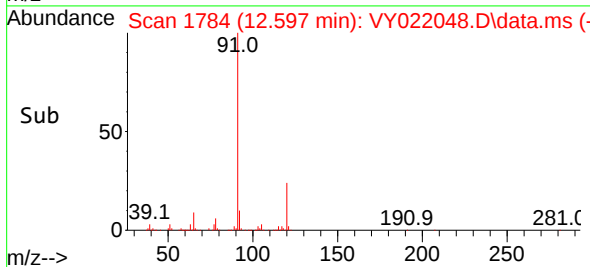
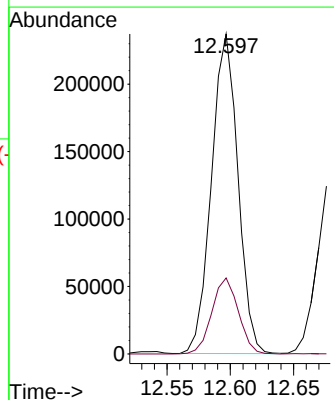
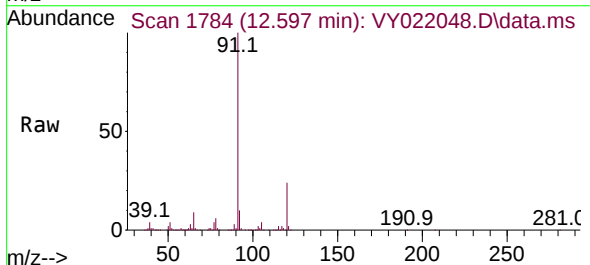
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

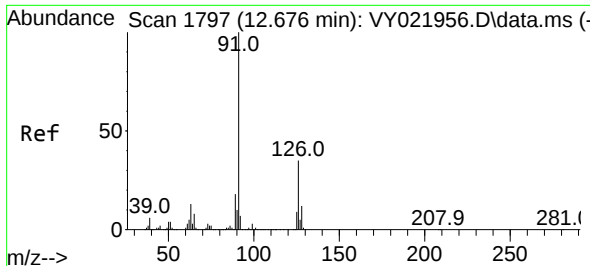
Tgt Ion:156 Resp: 73239
Ion Ratio Lower Upper
156 100
77 163.5 82.7 248.1
158 97.0 48.1 144.4



#78
n-propylbenzene
Concen: 19.616 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 91 Resp: 344311
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5

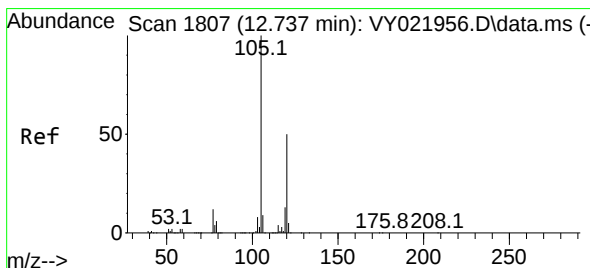
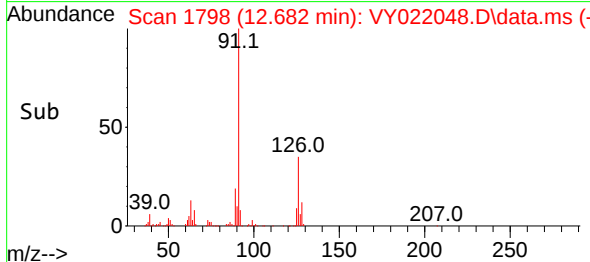
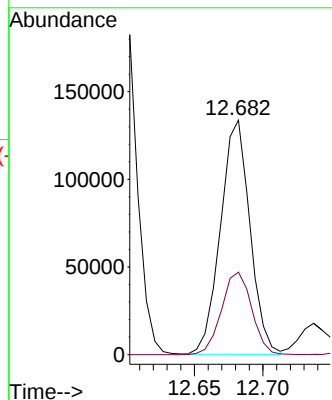
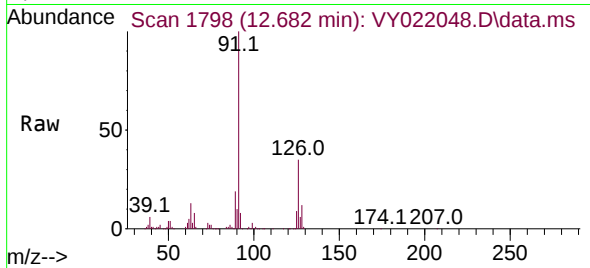




#79
2-Chlorotoluene
Concen: 19.600 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

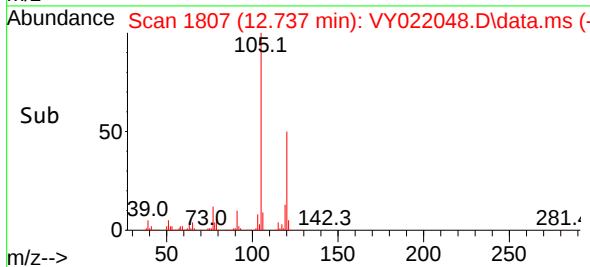
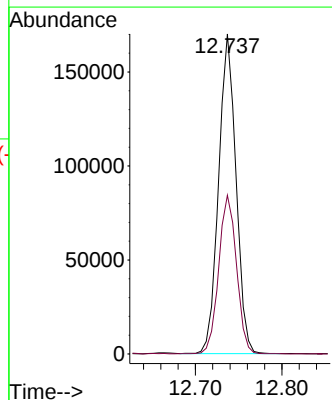
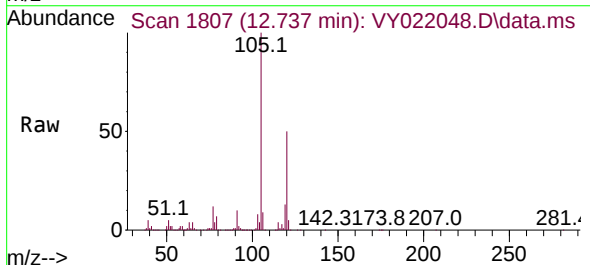
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

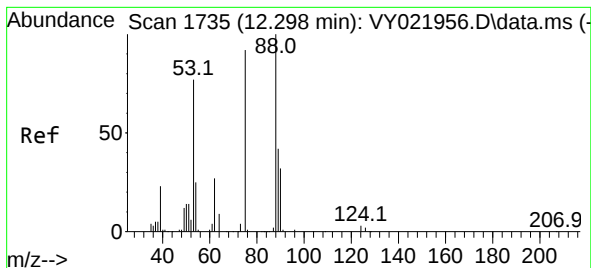
Tgt Ion: 91 Resp: 200069
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 19.536 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 105 Resp: 237244
Ion Ratio Lower Upper
105 100
120 50.6 25.0 75.0

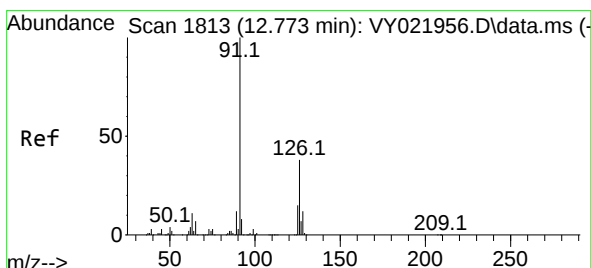
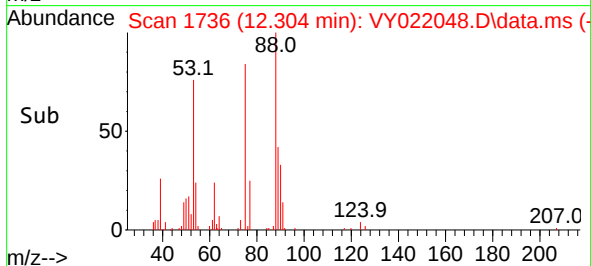
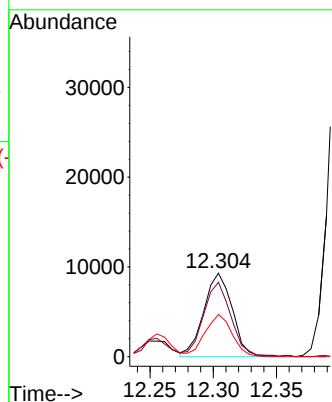
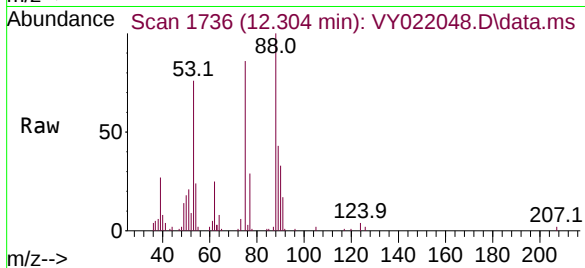




#81
trans-1,4-Dichloro-2-butene
Concen: 18.558 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

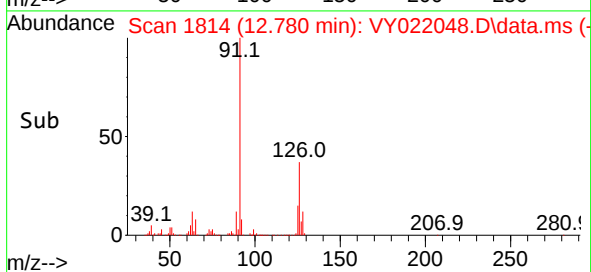
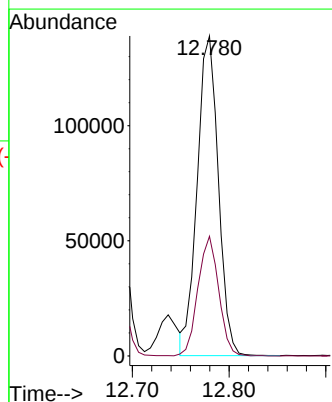
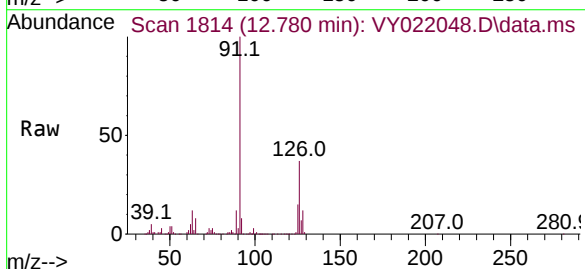
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

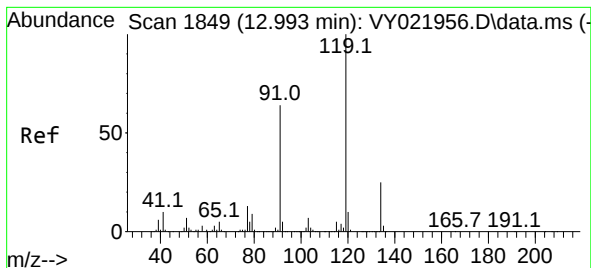
Tgt Ion: 75 Resp: 14562
Ion Ratio Lower Upper
75 100
53 86.7 66.0 99.0
89 47.3 37.2 55.8



#82
4-Chlorotoluene
Concen: 19.868 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion: 91 Resp: 210828
Ion Ratio Lower Upper
91 100
126 36.9 17.9 53.8





#83

tert-Butylbenzene

Concen: 18.929 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

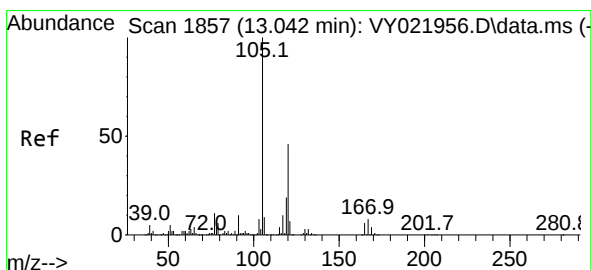
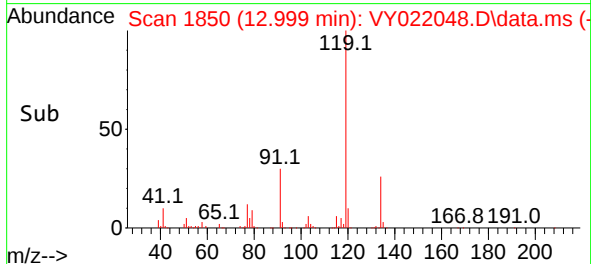
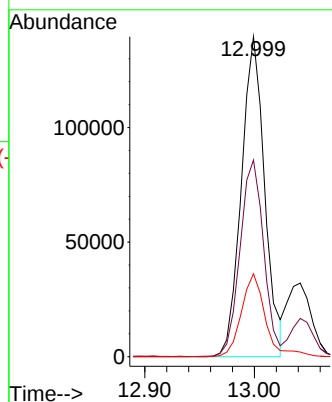
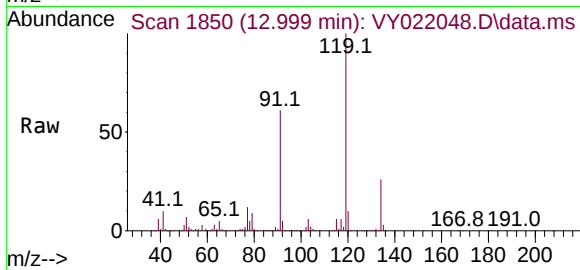
Tgt Ion:119 Resp: 206168

Ion Ratio Lower Upper

119 100

91 62.2 30.3 90.9

134 26.7 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.614 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022048.D

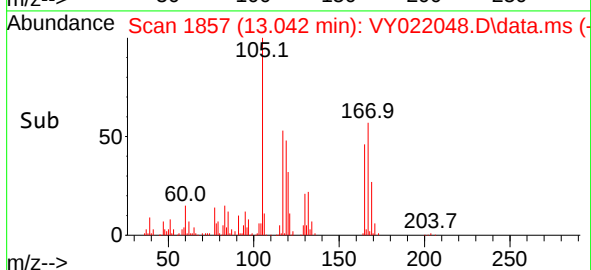
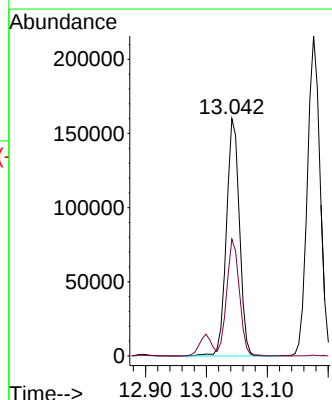
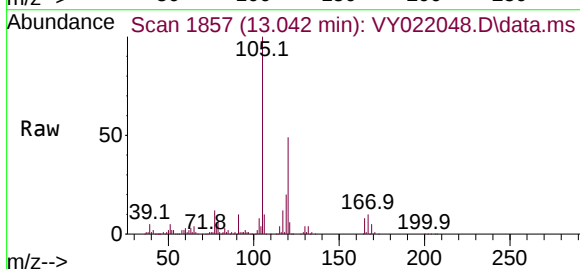
Acq: 29 Apr 2025 10:31

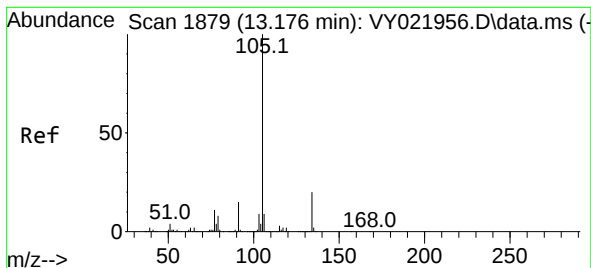
Tgt Ion:105 Resp: 238254

Ion Ratio Lower Upper

105 100

120 47.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.572 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

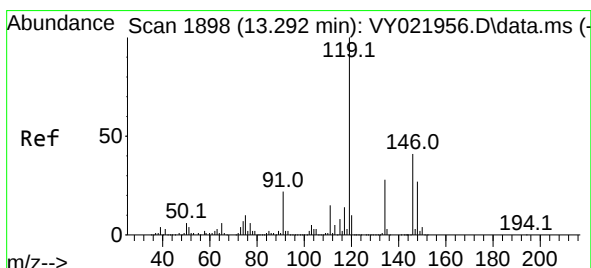
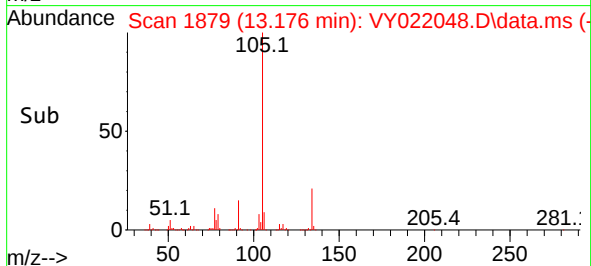
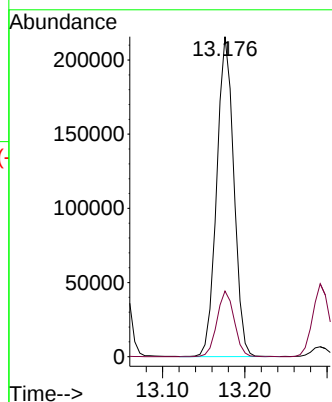
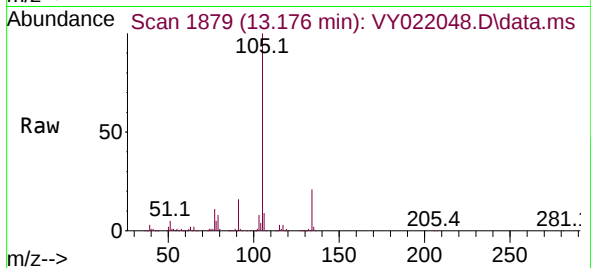
VY0429SBS01

Tgt Ion:105 Resp: 311925

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.412 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

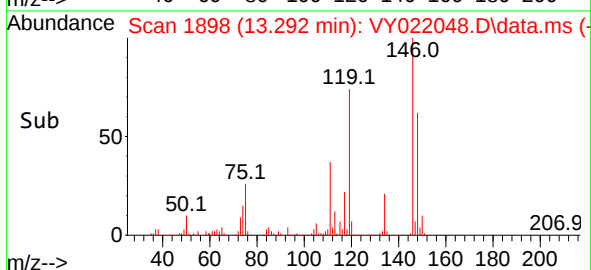
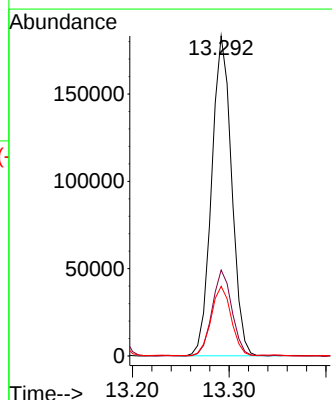
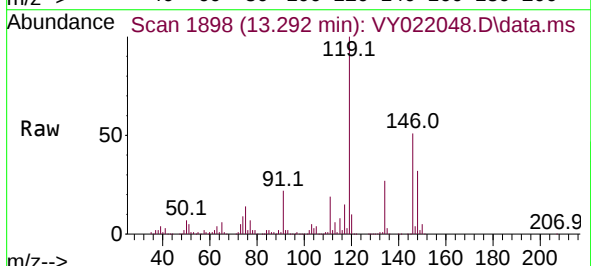
Tgt Ion:119 Resp: 262713

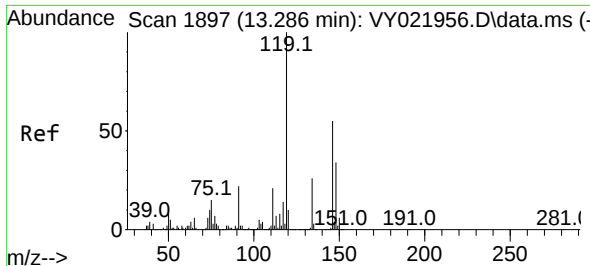
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.7

91 21.7 11.0 33.0

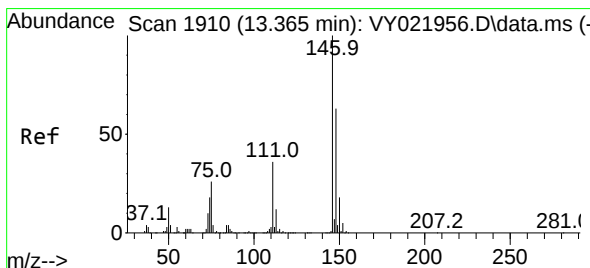
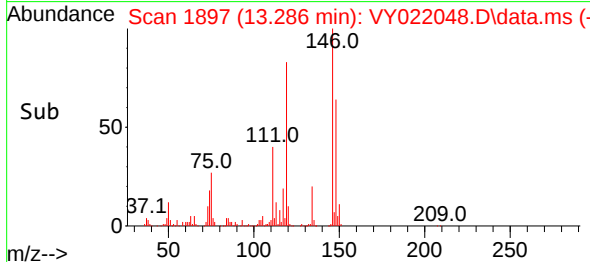
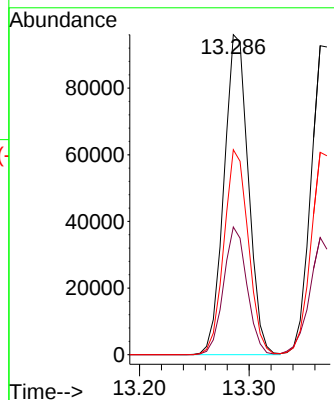
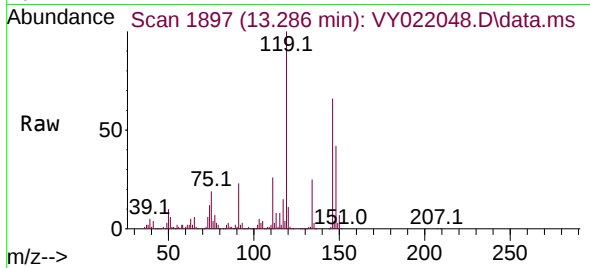




#87
1,3-Dichlorobenzene
Concen: 19.576 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

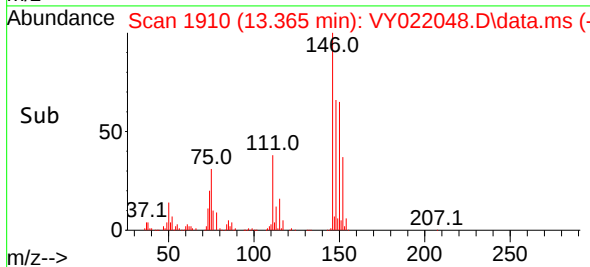
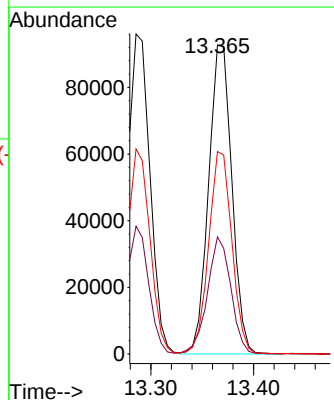
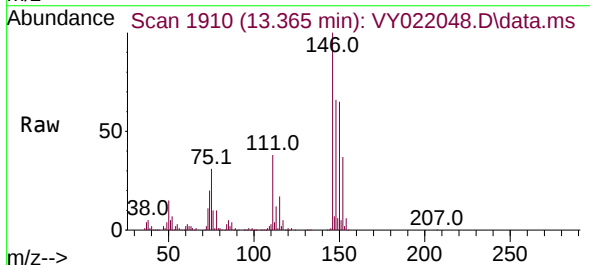
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

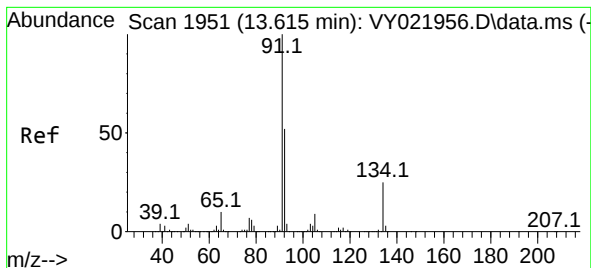
Tgt Ion:146 Resp: 148080
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.5
148 63.9 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 19.474 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY022048.D
Acq: 29 Apr 2025 10:31

Tgt Ion:146 Resp: 145893
Ion Ratio Lower Upper
146 100
111 38.1 19.2 57.6
148 65.6 32.0 96.0





#89

n-Butylbenzene

Concen: 18.247 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

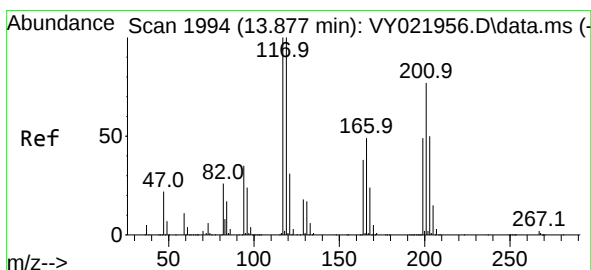
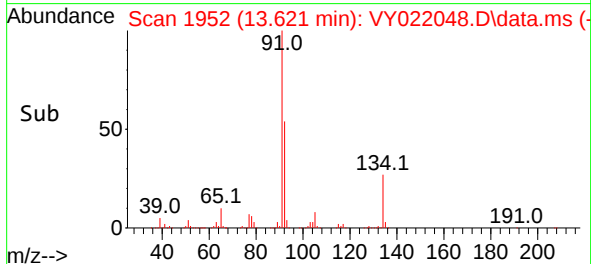
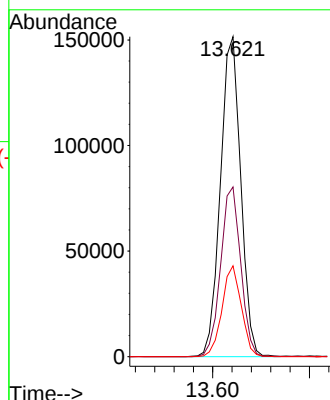
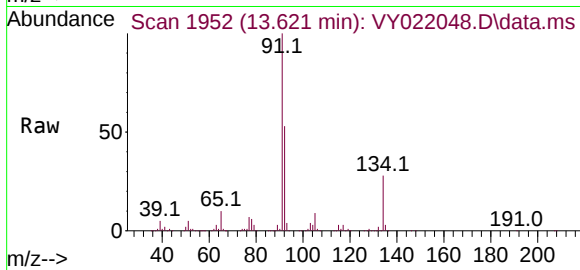
Tgt Ion: 91 Resp: 220728

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 27.0 13.4 40.1



#90

Hexachloroethane

Concen: 19.525 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022048.D

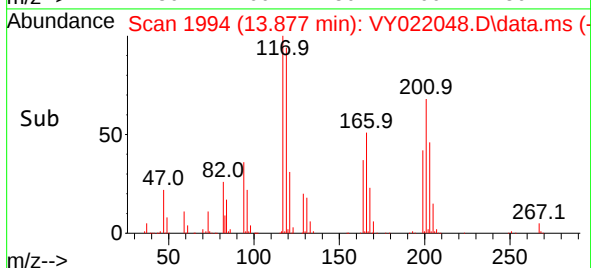
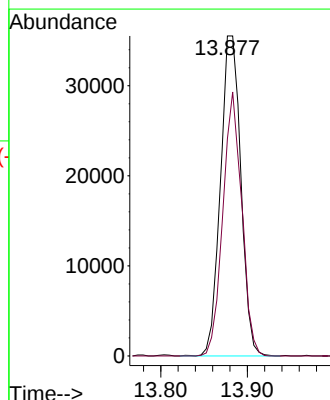
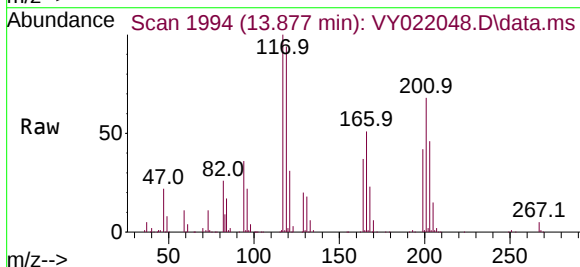
Acq: 29 Apr 2025 10:31

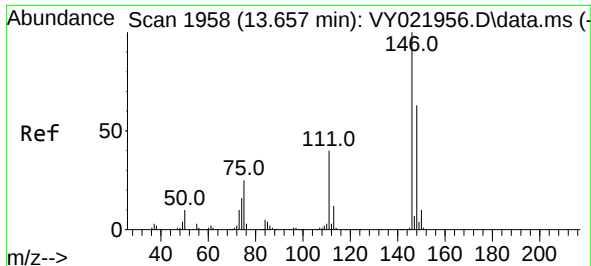
Tgt Ion: 117 Resp: 58056

Ion Ratio Lower Upper

117 100

201 76.5 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 19.546 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

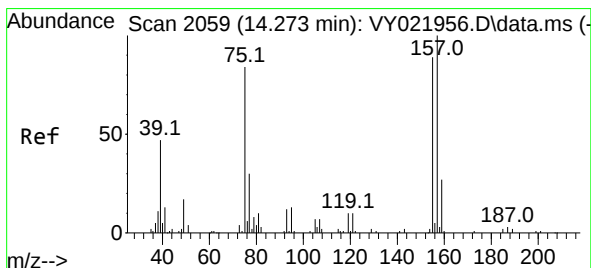
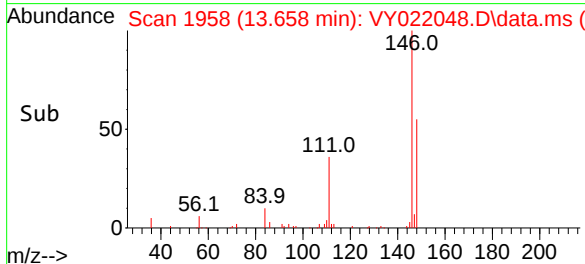
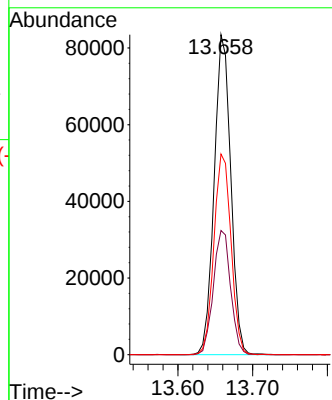
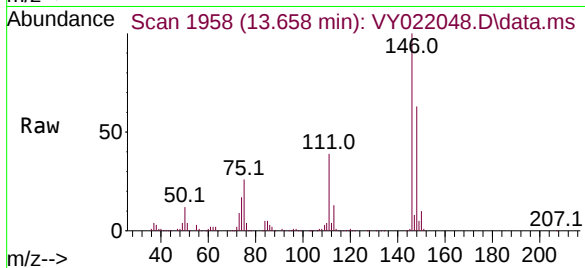
Tgt Ion:146 Resp: 128956

Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.1

148 64.5 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.400 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

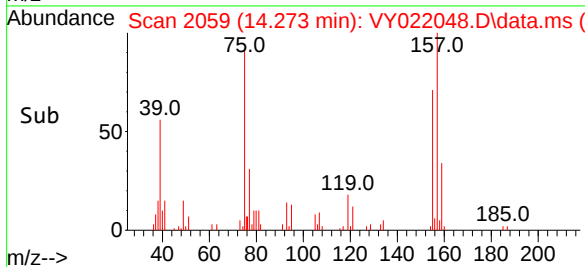
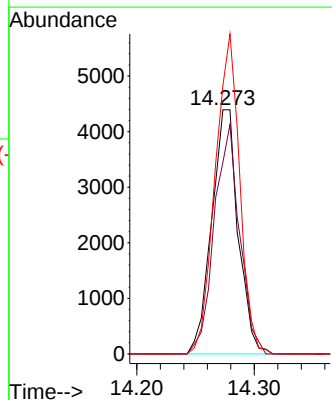
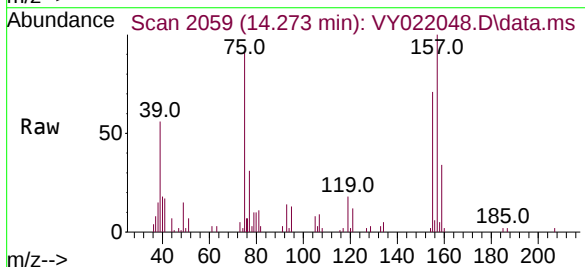
Tgt Ion: 75 Resp: 6879

Ion Ratio Lower Upper

75 100

155 89.7 50.7 152.3

157 121.0 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 18.255 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

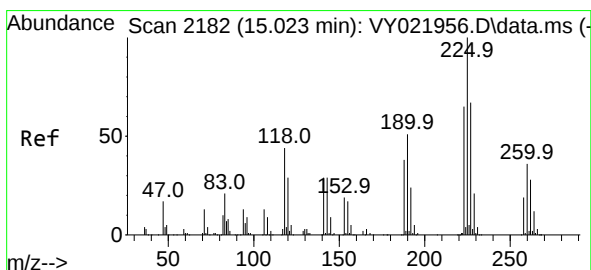
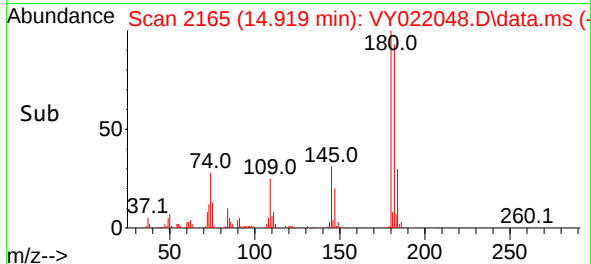
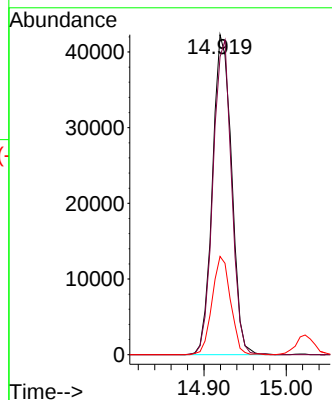
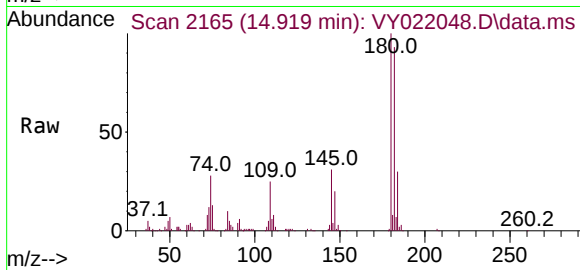
Tgt Ion:180 Resp: 68247

Ion Ratio Lower Upper

180 100

182 95.3 47.1 141.4

145 29.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 18.730 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

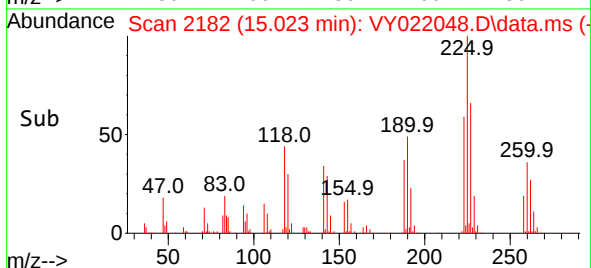
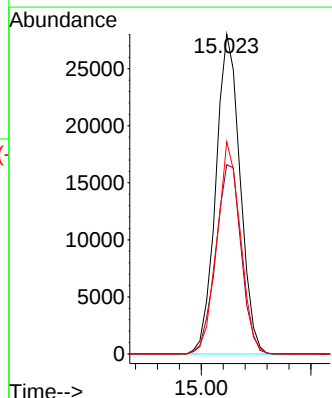
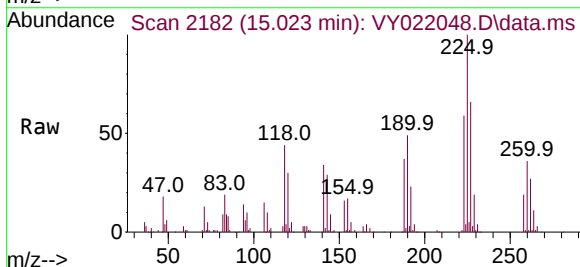
Tgt Ion:225 Resp: 43083

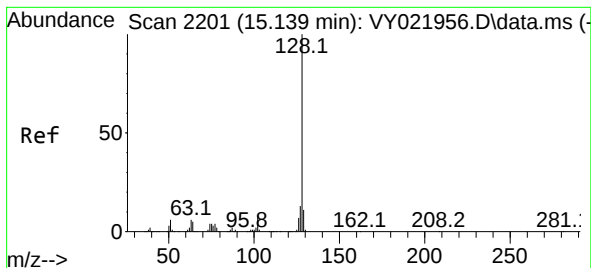
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.5

227 64.3 32.3 96.9





#95

Naphthalene

Concen: 15.964 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

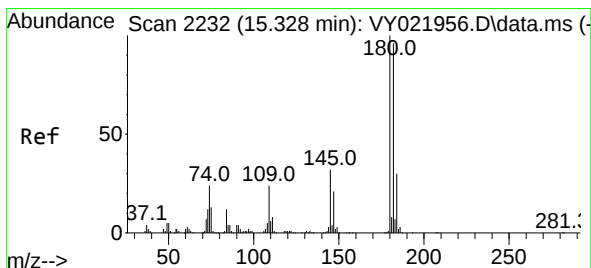
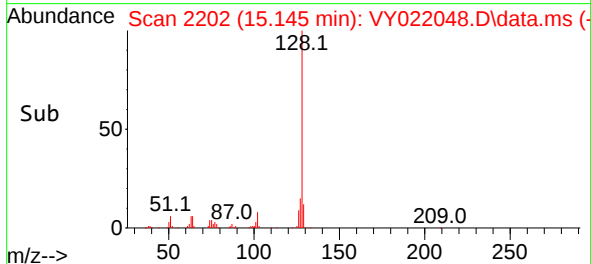
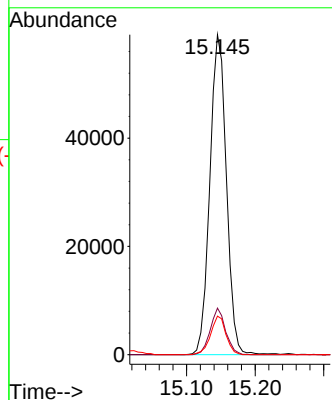
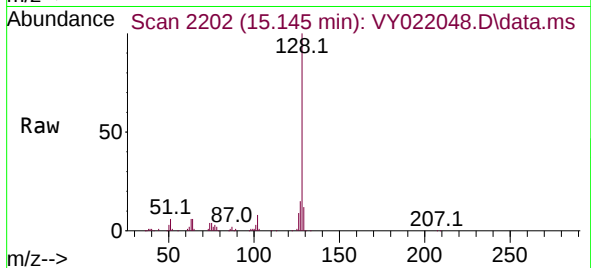
Tgt Ion:128 Resp: 99146

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.341 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022048.D

Acq: 29 Apr 2025 10:31

Tgt Ion:180 Resp: 59189

Ion Ratio Lower Upper

180 100

182 91.8 48.1 144.4

145 30.3 16.0 48.0

