

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022049.D
 Acq On : 29 Apr 2025 10:53
 Operator : SY/MD
 Sample : VY0429SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

Quant Time: Apr 30 01:32:54 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	291903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	448136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	409949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	218010	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132942	49.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.634	113	151267	51.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.180%
50) Toluene-d8	10.109	98	574864	51.504	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.408	95	189774	50.506	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	50434	20.277	ug/l	100
3) Chloromethane	2.068	50	74819	21.125	ug/l	100
4) Vinyl Chloride	2.202	62	86763	19.936	ug/l	98
5) Bromomethane	2.592	94	81132	21.638	ug/l	98
6) Chloroethane	2.732	64	60515	20.416	ug/l	97
7) Trichlorofluoromethane	3.050	101	117953	20.553	ug/l	95
8) Diethyl Ether	3.458	74	29207	19.553	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	62852	20.189	ug/l	100
10) Methyl Iodide	4.001	142	72159	20.019	ug/l	99
11) Tert butyl alcohol	4.891	59	14560	98.364	ug/l #	70
12) 1,1-Dichloroethene	3.787	96	58514	20.164	ug/l	94
13) Acrolein	3.653	56	25330	95.343	ug/l	98
14) Allyl chloride	4.379	41	65987	19.529	ug/l	99
15) Acrylonitrile	5.067	53	54870	100.340	ug/l	97
16) Acetone	3.879	43	38055	94.548	ug/l	90
17) Carbon Disulfide	4.104	76	183685	19.853	ug/l	98
18) Methyl Acetate	4.385	43	27586	21.903	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	128332	19.759	ug/l	98
20) Methylene Chloride	4.610	84	67632	19.837	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	65695	20.215	ug/l	95
22) Diisopropyl ether	6.018	45	152428	20.272	ug/l	96
23) Vinyl Acetate	5.964	43	394142	97.261	ug/l	99
24) 1,1-Dichloroethane	5.921	63	105238	20.191	ug/l	99
25) 2-Butanone	6.896	43	59219	96.354	ug/l	96
26) 2,2-Dichloropropane	6.884	77	93930	20.562	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	73804	20.310	ug/l	99
28) Bromochloromethane	7.244	49	42480	20.983	ug/l	99
29) Tetrahydrofuran	7.262	42	38986	97.667	ug/l	98
30) Chloroform	7.421	83	119936	20.745	ug/l	99
31) Cyclohexane	7.701	56	86354	19.375	ug/l #	91
32) 1,1,1-Trichloroethane	7.616	97	107276	20.510	ug/l	99
36) 1,1-Dichloropropene	7.835	75	81364	20.459	ug/l	99
37) Ethyl Acetate	6.982	43	28671	20.073	ug/l	97
38) Carbon Tetrachloride	7.817	117	100223	21.090	ug/l	94
39) Methylcyclohexane	9.109	83	97715	19.525	ug/l	94
40) Benzene	8.079	78	259113	20.843	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	14935	19.128	ug/l	94
42) 1,2-Dichloroethane	8.158	62	63977	20.786	ug/l	99
43) Isopropyl Acetate	8.195	43	54414	19.838	ug/l	97
44) Trichloroethene	8.866	130	73238	21.269	ug/l	99
45) 1,2-Dichloropropane	9.140	63	58177	21.161	ug/l	96
46) Dibromomethane	9.231	93	36339	21.115	ug/l	100
47) Bromodichloromethane	9.426	83	90012	20.937	ug/l	99
48) Methyl methacrylate	9.219	41	24153	19.048	ug/l	91
49) 1,4-Dioxane	9.237	88	7262	395.905	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	145133	100.935	ug/l	99
52) Toluene	10.170	92	170433	21.179	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	74659	20.246	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	91589	20.894	ug/l	94
55) 1,1,2-Trichloroethane	10.573	97	48989	21.310	ug/l	96
56) Ethyl methacrylate	10.438	69	50609	19.251	ug/l	97
57) 1,3-Dichloropropane	10.719	76	76028	20.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	130145	101.254	ug/l	99
59) 2-Hexanone	10.762	43	92347	97.370	ug/l	97
60) Dibromochloromethane	10.908	129	66559	20.913	ug/l	100
61) 1,2-Dibromoethane	11.018	107	45004	20.737	ug/l	100
64) Tetrachloroethene	10.646	164	82533	21.341	ug/l	99
65) Chlorobenzene	11.438	112	189085	20.626	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	67699	20.976	ug/l	99
67) Ethyl Benzene	11.518	91	300699	20.051	ug/l	98
68) m/p-Xylenes	11.627	106	246885	41.372	ug/l	100
69) o-Xylene	11.956	106	112115	20.384	ug/l	100
70) Styrene	11.969	104	191054	20.688	ug/l	99
71) Bromoform	12.133	173	38927	20.745	ug/l #	99
73) Isopropylbenzene	12.255	105	290274	19.929	ug/l	100
74) N-amyl acetate	12.066	43	45873	18.331	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	51744	21.071	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	65896	35.288	ug/l #	100
77) Bromobenzene	12.530	156	75612	20.544	ug/l	99
78) n-propylbenzene	12.597	91	351661	20.274	ug/l	99
79) 2-Chlorotoluene	12.682	91	204997	20.322	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	244799	20.398	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	15043	19.399	ug/l	97
82) 4-Chlorotoluene	12.773	91	216790	20.674	ug/l	99
83) tert-Butylbenzene	12.999	119	216972	20.159	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	247217	20.595	ug/l	100
85) sec-Butylbenzene	13.176	105	318982	20.253	ug/l	99
86) p-Isopropyltoluene	13.292	119	269435	20.146	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	155202	20.762	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	153508	20.735	ug/l	99
89) n-Butylbenzene	13.615	91	231371	19.355	ug/l	99
90) Hexachloroethane	13.877	117	59236	20.159	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	133628	20.496	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7437	19.035	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	72581	19.645	ug/l	98
94) Hexachlorobutadiene	15.023	225	47255	20.788	ug/l	96
95) Naphthalene	15.145	128	112172	18.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	64078	20.092	ug/l	98

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

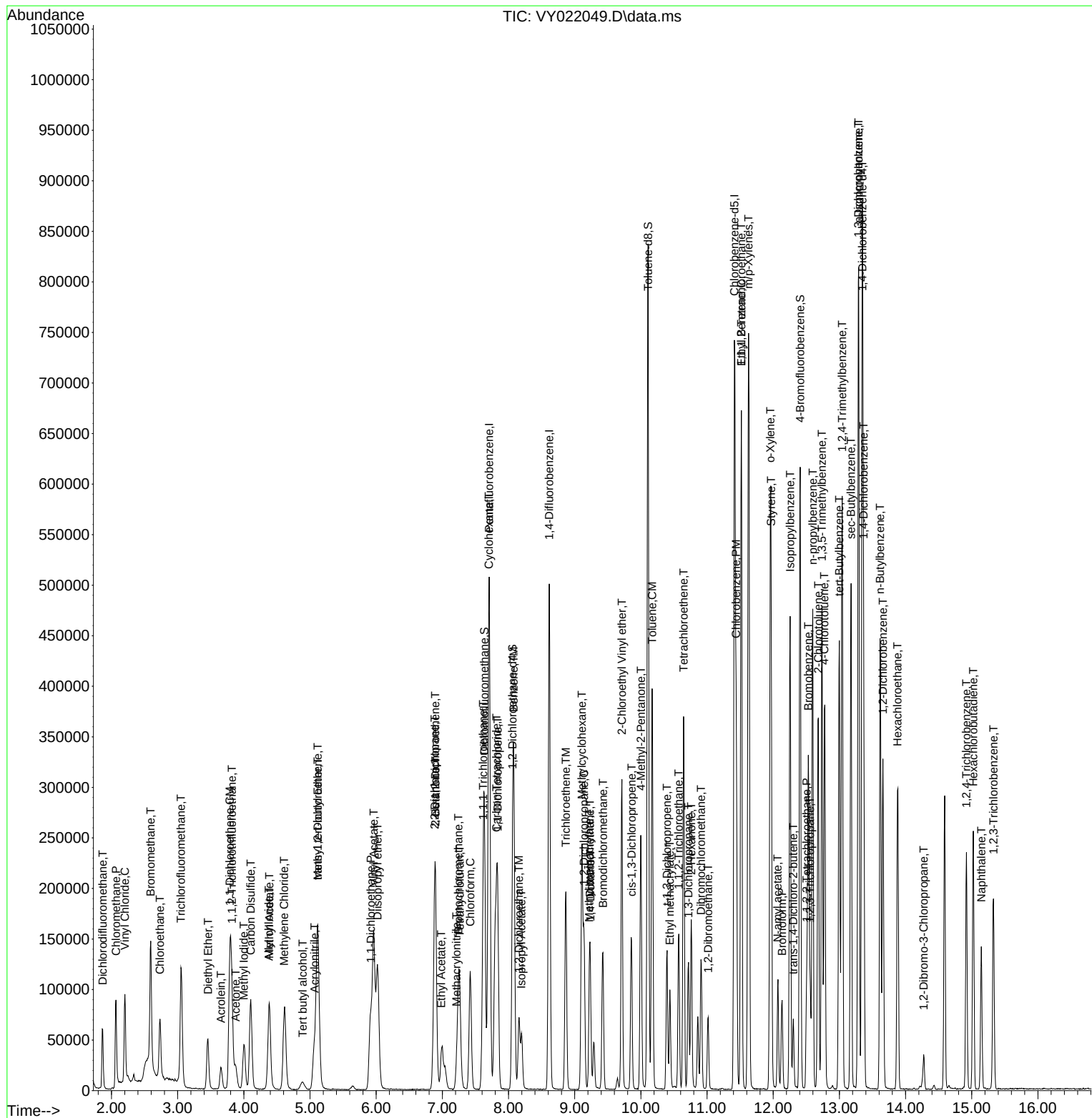
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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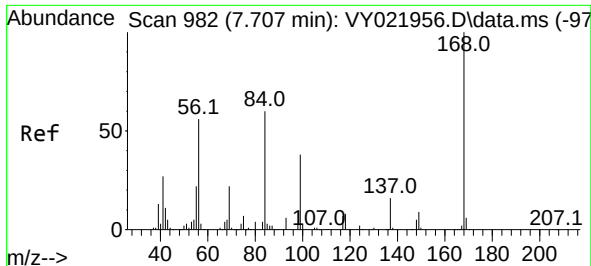
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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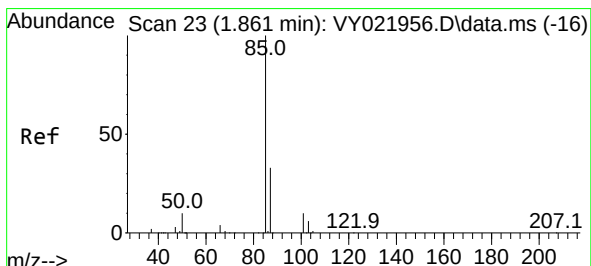
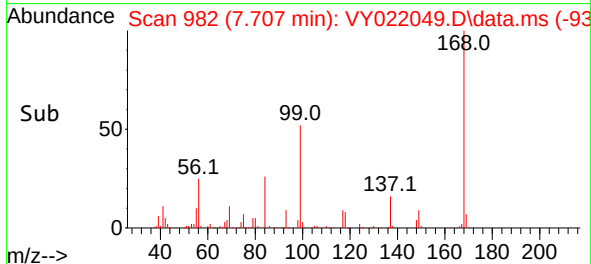
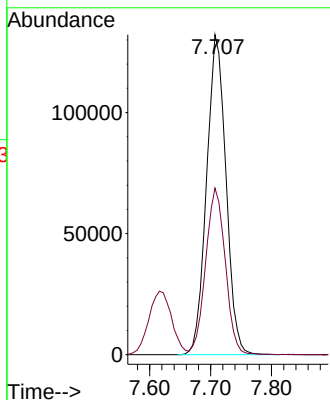
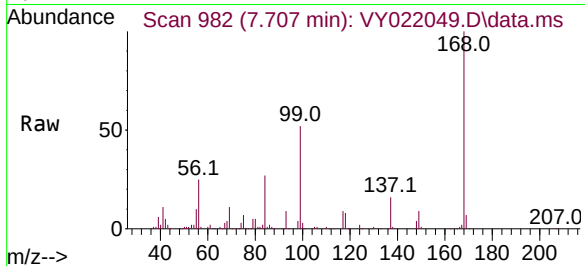




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022049.D
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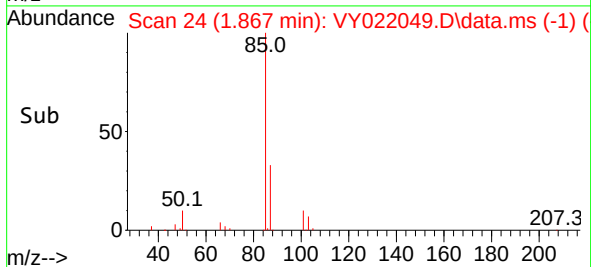
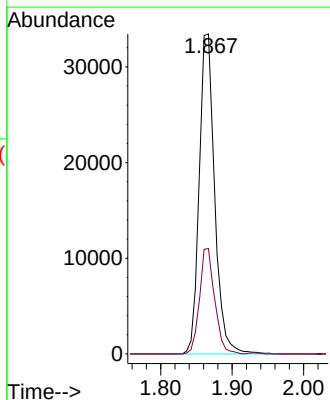
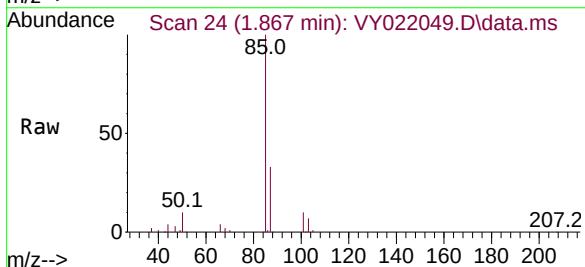
Instrument :
MSVOA_Y
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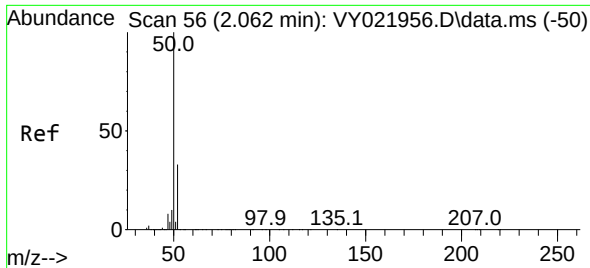
Tgt Ion:168 Resp: 291903
Ion Ratio Lower Upper
168 100
99 52.1 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 20.277 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 85 Resp: 50434
Ion Ratio Lower Upper
85 100
87 33.0 16.6 49.7

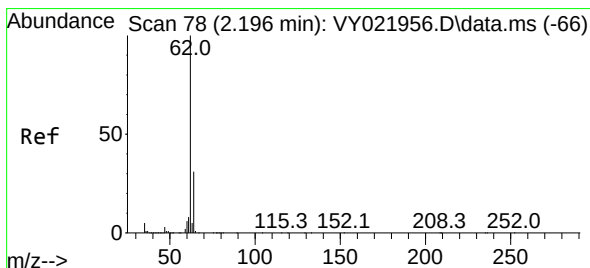
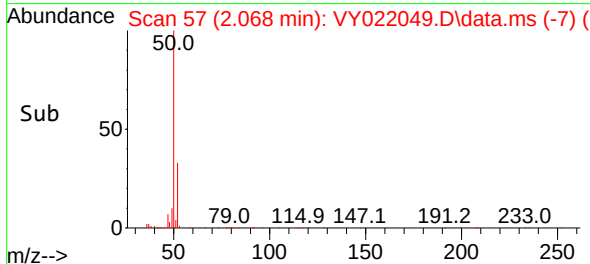
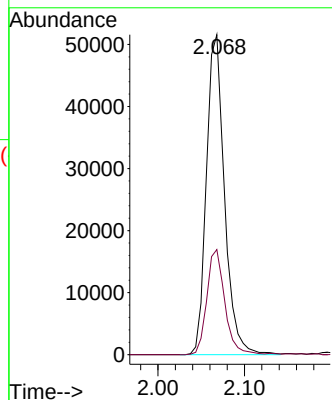
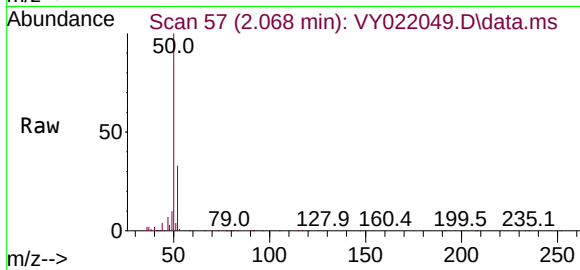




#3
Chloromethane
Concen: 21.125 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

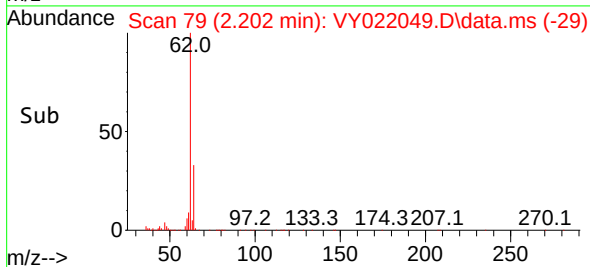
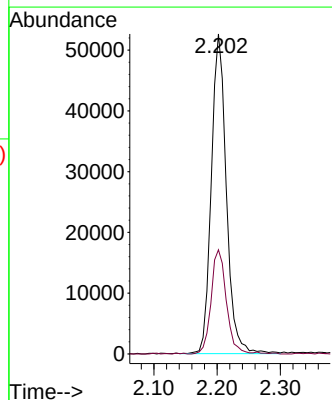
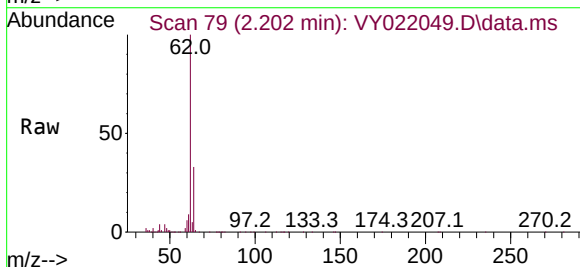
Instrument :
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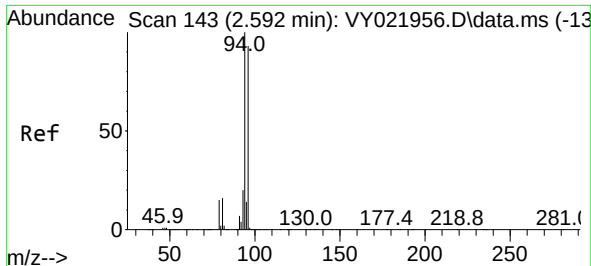
Tgt Ion: 50 Resp: 74819
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1



#4
Vinyl Chloride
Concen: 19.936 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 62 Resp: 86763
Ion Ratio Lower Upper
62 100
64 32.6 25.1 37.7

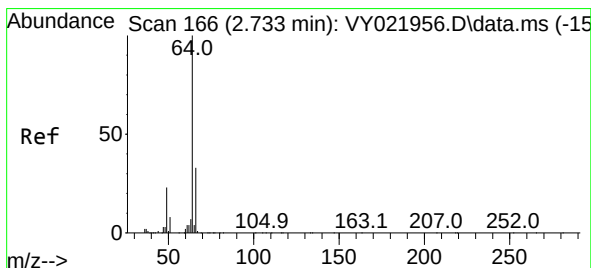
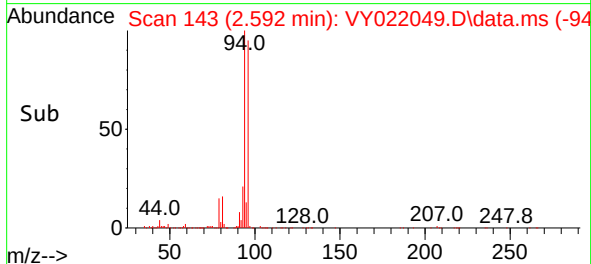
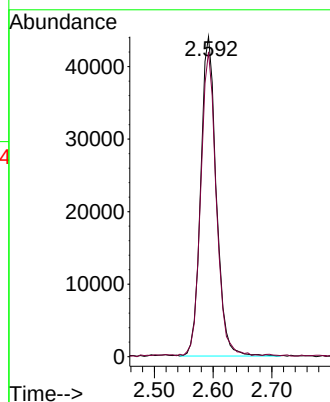
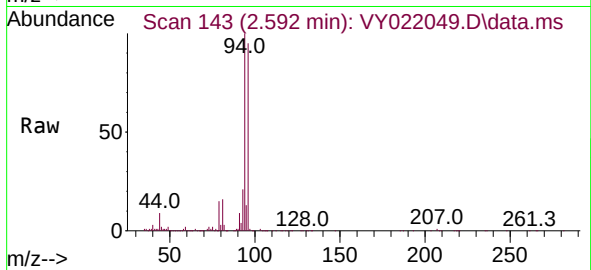




#5
Bromomethane
Concen: 21.638 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

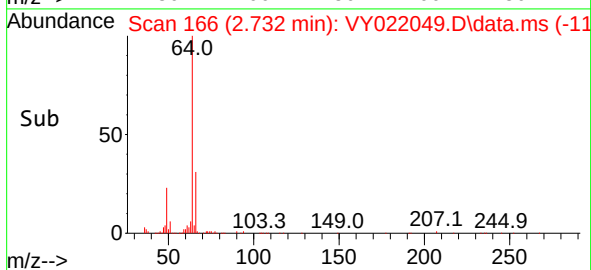
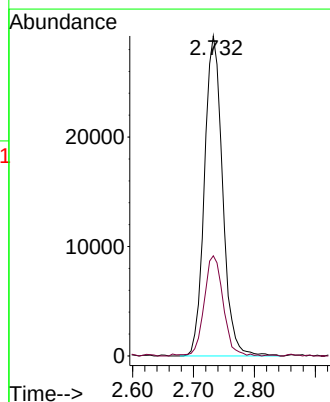
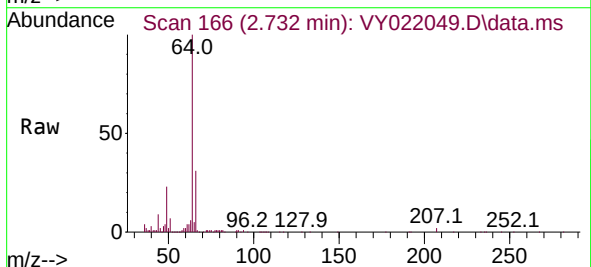
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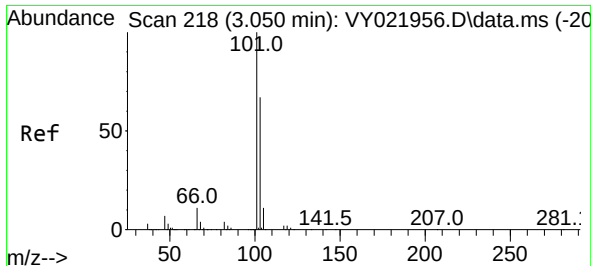
Tgt Ion: 94 Resp: 81132
Ion Ratio Lower Upper
94 100
96 95.0 74.6 111.8



#6
Chloroethane
Concen: 20.416 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 64 Resp: 60515
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4

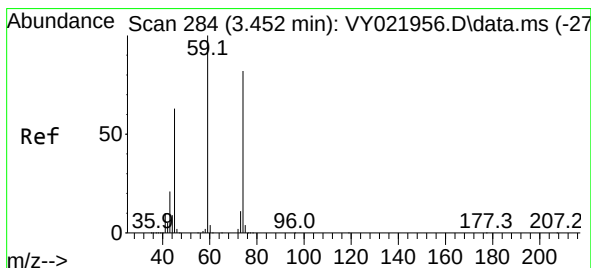
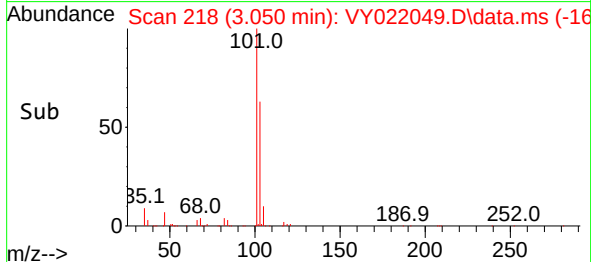
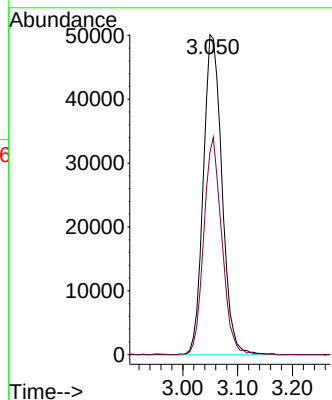
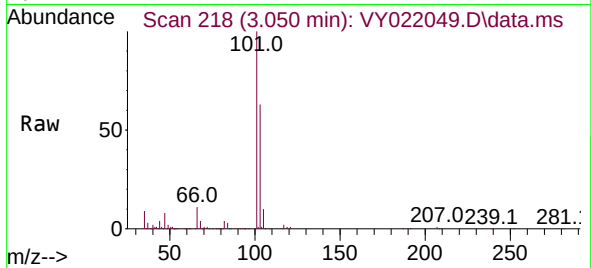




#7
Trichlorofluoromethane
Concen: 20.553 ug/l
RT: 3.050 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

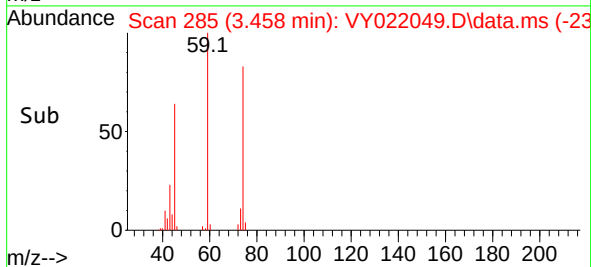
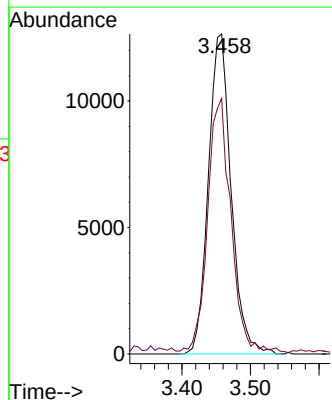
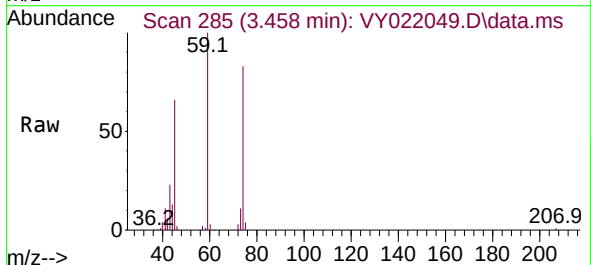
Instrument :
MSVOA_Y
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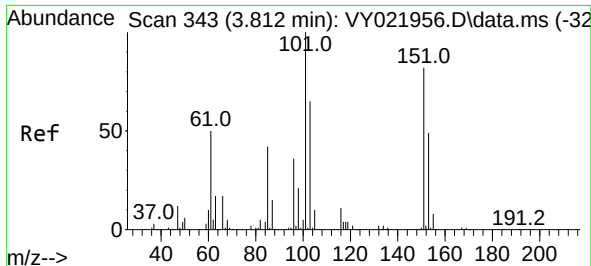
Tgt Ion:101 Resp: 117953
Ion Ratio Lower Upper
101 100
103 63.3 53.6 80.4



#8
Diethyl Ether
Concen: 19.553 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 74 Resp: 29207
Ion Ratio Lower Upper
74 100
45 81.4 39.1 117.5

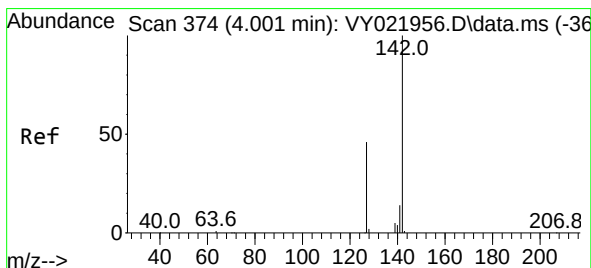
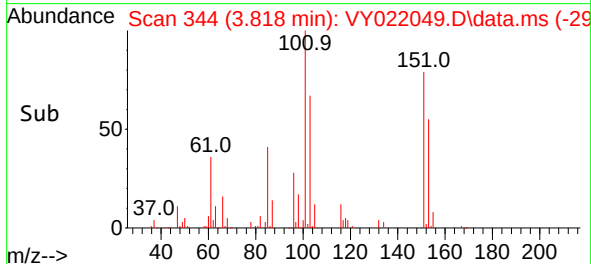
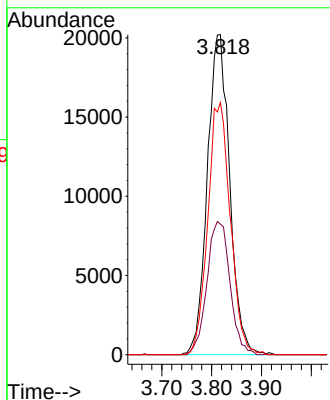
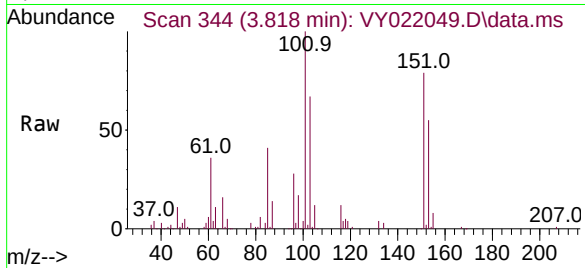




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.189 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

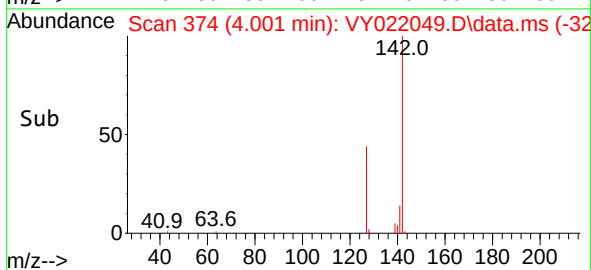
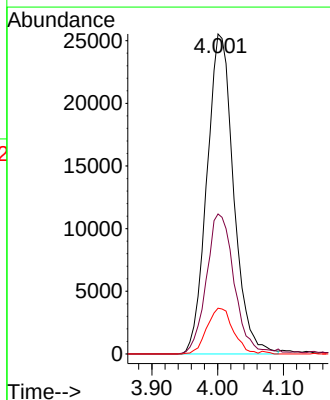
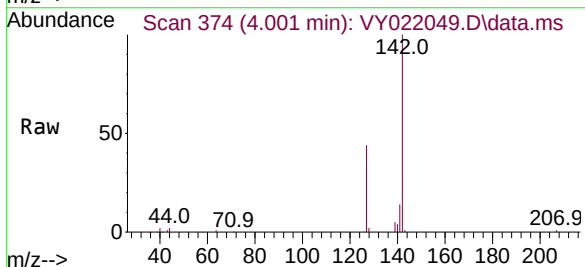
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

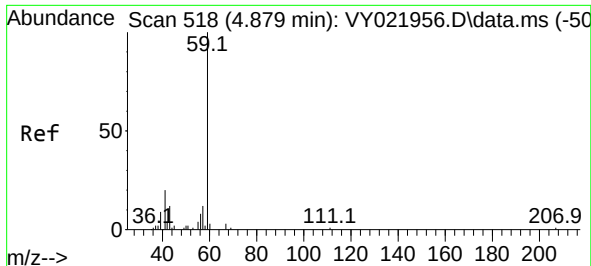
Tgt Ion:101 Resp: 62852
Ion Ratio Lower Upper
101 100
85 42.9 34.6 51.8
151 79.7 63.7 95.5



#10
Methyl Iodide
Concen: 20.019 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion:142 Resp: 72159
Ion Ratio Lower Upper
142 100
127 46.0 36.2 54.2
141 14.0 11.7 17.5

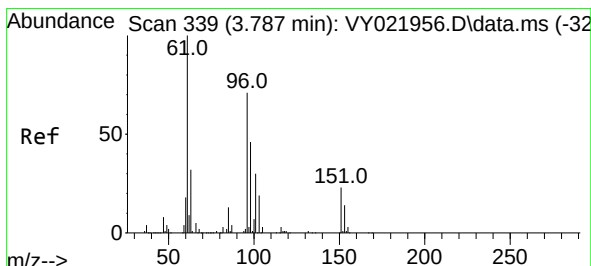
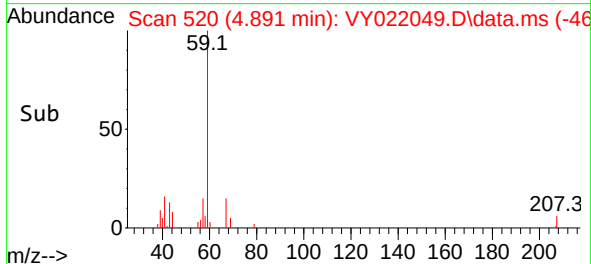
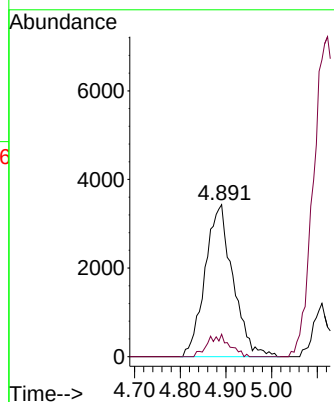
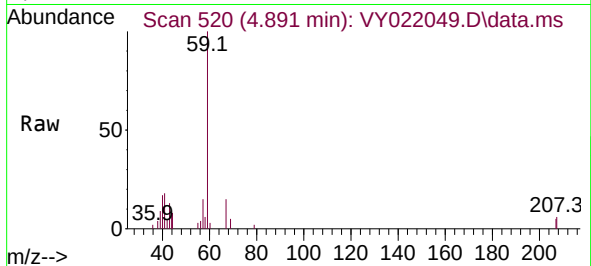




#11
Tert butyl alcohol
Concen: 98.364 ug/l
RT: 4.891 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

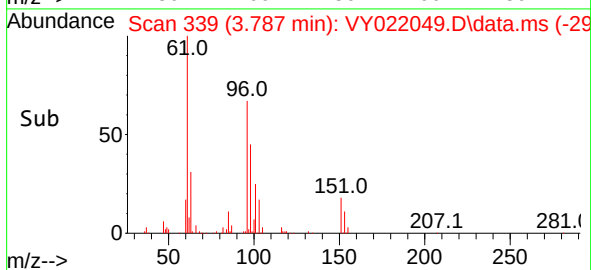
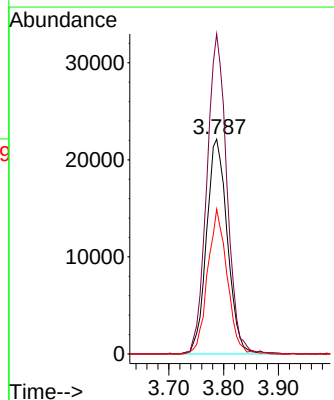
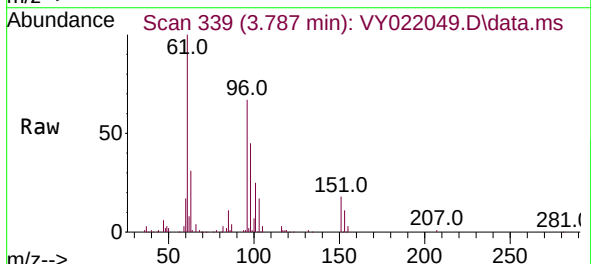
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

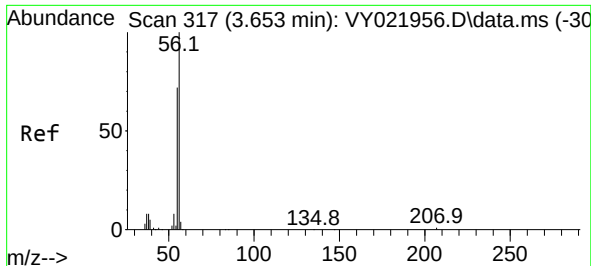
Tgt Ion: 59 Resp: 14560
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 20.164 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 96 Resp: 58514
Ion Ratio Lower Upper
96 100
61 149.0 113.0 169.4
98 67.4 51.4 77.2

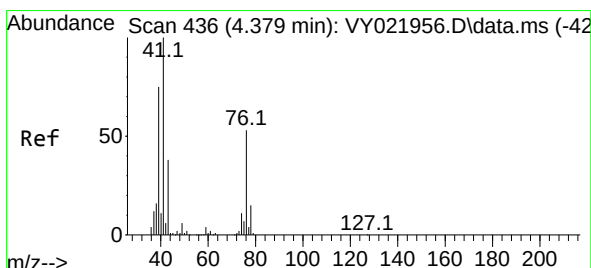
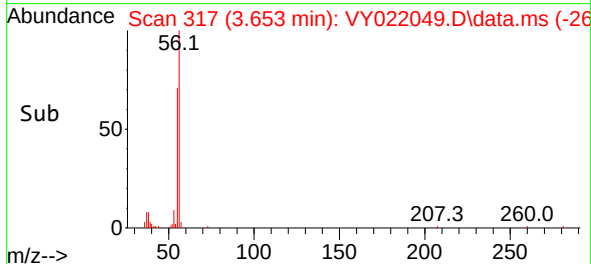
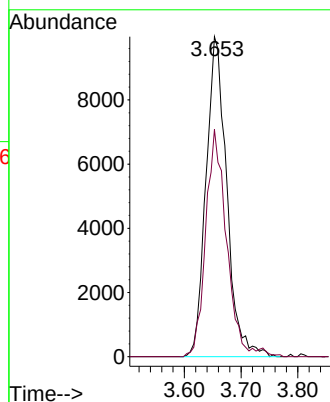
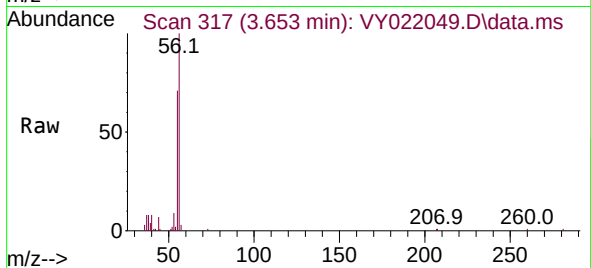




#13
Acrolein
Concen: 95.343 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

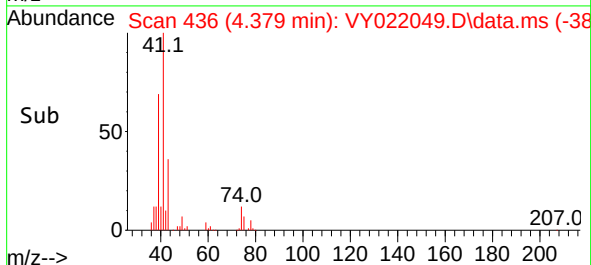
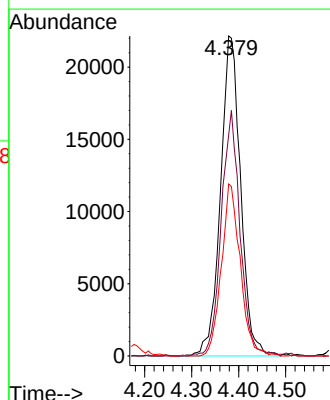
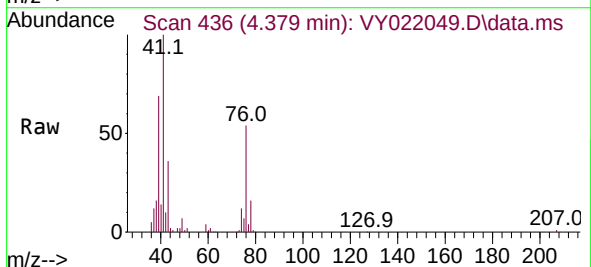
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

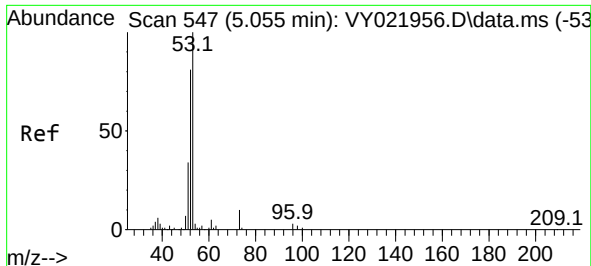
Tgt Ion: 56 Resp: 25330
Ion Ratio Lower Upper
56 100
55 70.4 57.4 86.0



#14
Allyl chloride
Concen: 19.529 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 41 Resp: 65987
Ion Ratio Lower Upper
41 100
39 71.6 57.2 85.8
76 50.5 39.7 59.5

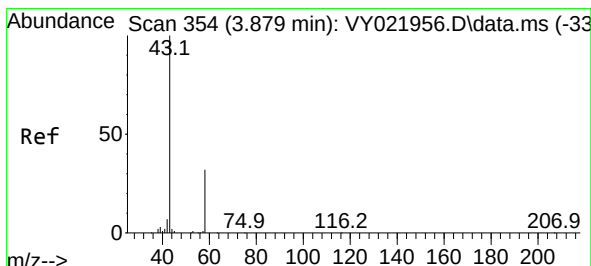
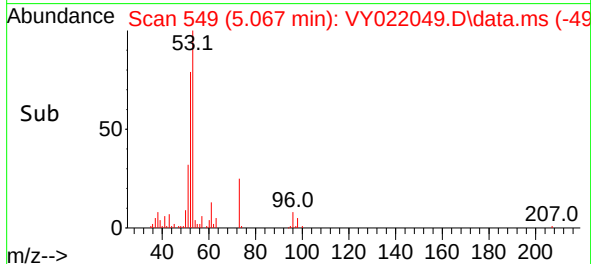
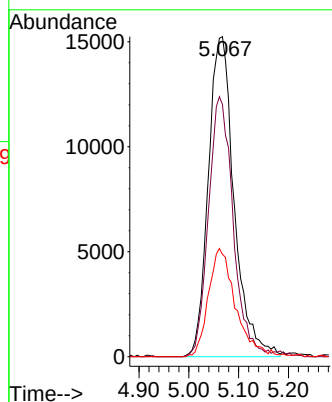
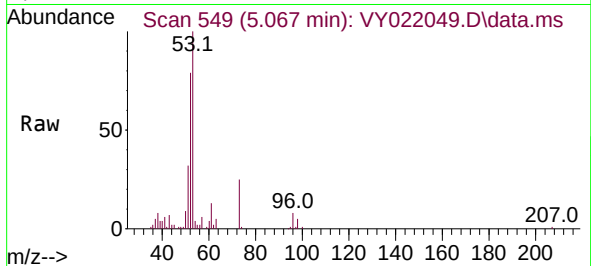




#15
Acrylonitrile
Concen: 100.340 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

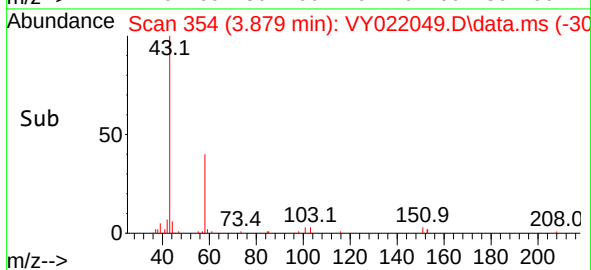
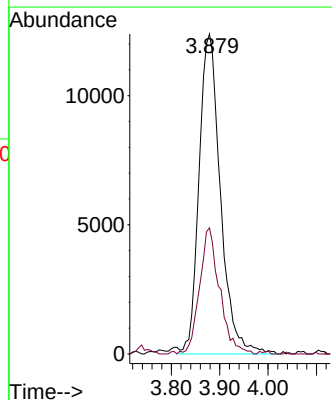
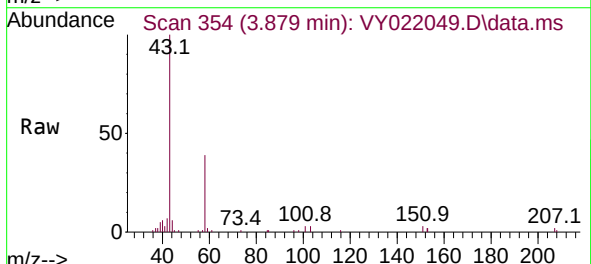
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBSD01

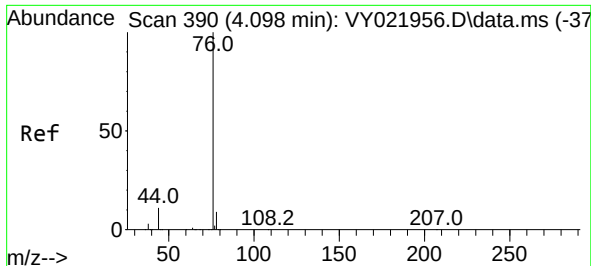
Tgt Ion: 53	Resp: 54870
Ion Ratio	Lower Upper
53	100
52	77.6 65.0 97.6
51	35.7 28.9 43.3



#16
Acetone
Concen: 94.548 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 43	Resp: 38055
Ion Ratio	Lower Upper
43	100
58	39.4 27.0 40.4

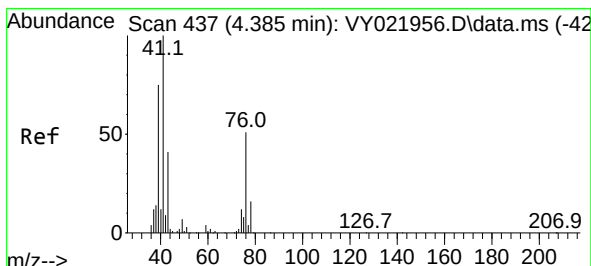
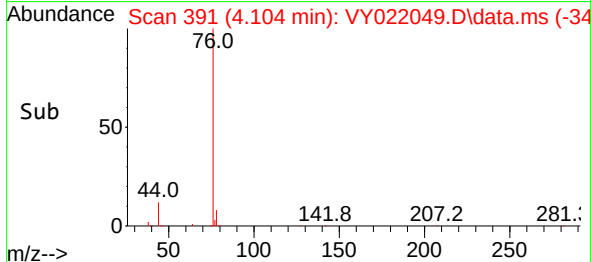
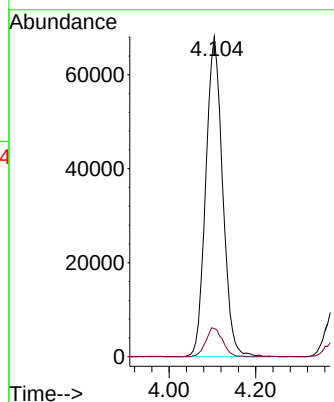
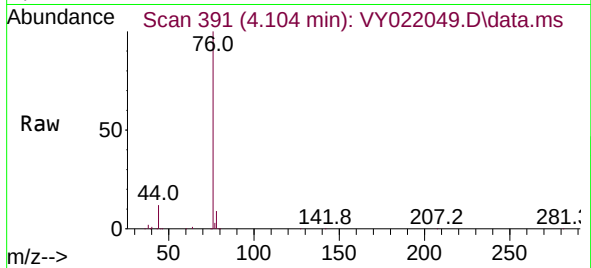




#17
Carbon Disulfide
Concen: 19.853 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

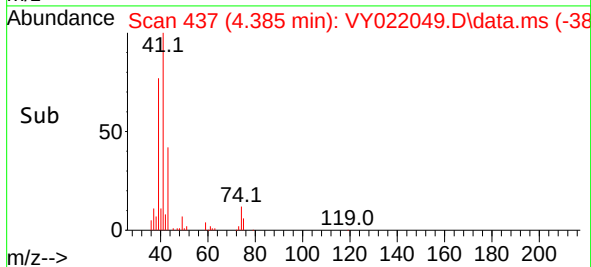
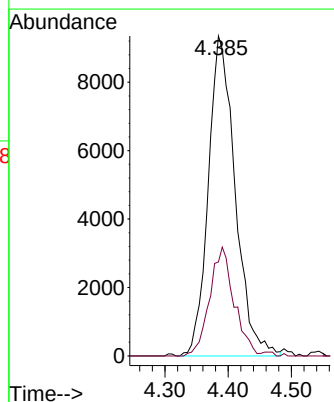
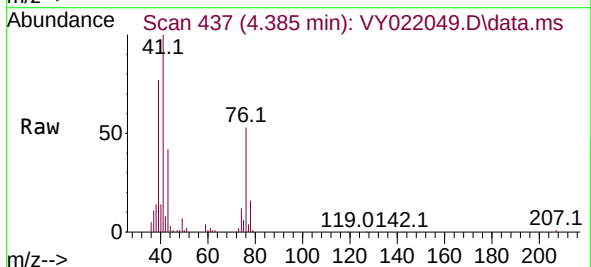
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

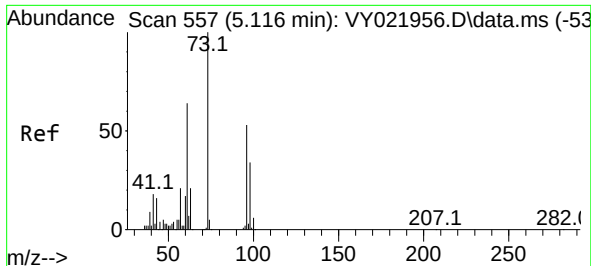
Tgt Ion: 76 Resp: 183685
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 21.903 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 43 Resp: 27586
Ion Ratio Lower Upper
43 100
74 31.0 24.2 36.4

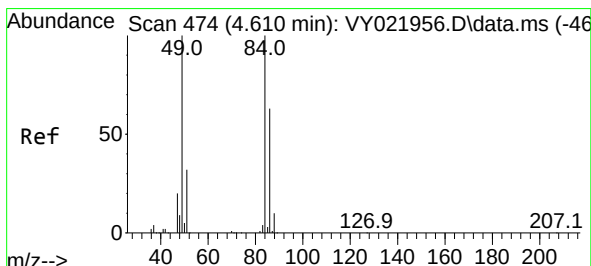
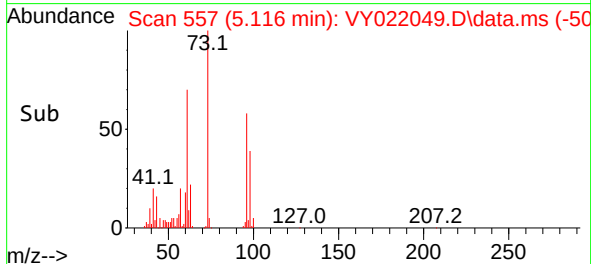
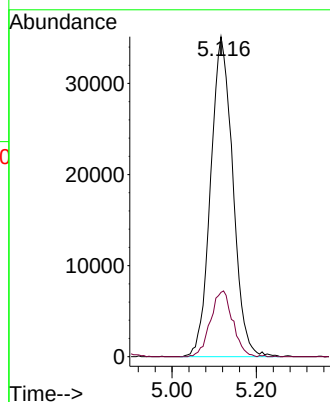
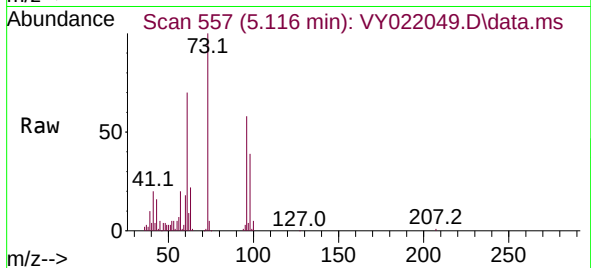




#19
Methyl tert-butyl Ether
Concen: 19.759 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

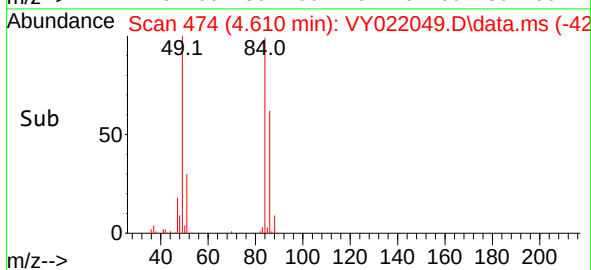
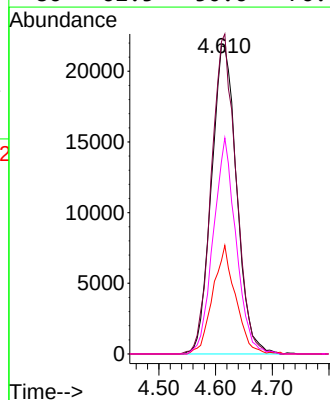
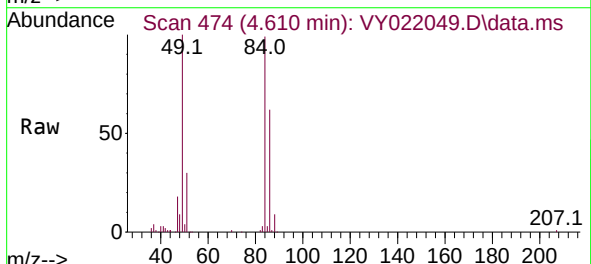
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

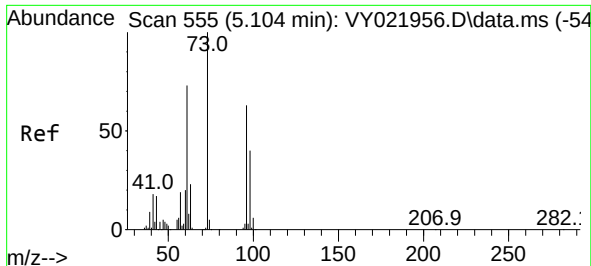
Tgt Ion: 73 Resp: 128332
Ion Ratio Lower Upper
73 100
57 20.1 16.9 25.3



#20
Methylene Chloride
Concen: 19.837 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 84 Resp: 67632
Ion Ratio Lower Upper
84 100
49 101.3 79.9 119.9
51 30.3 25.4 38.0
86 62.5 50.6 76.0

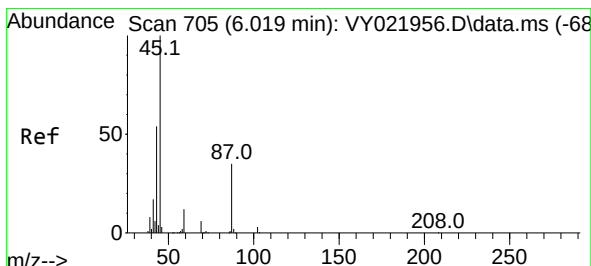
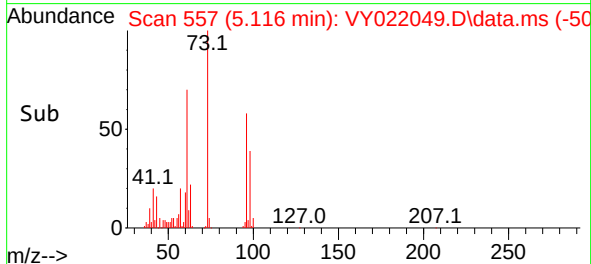
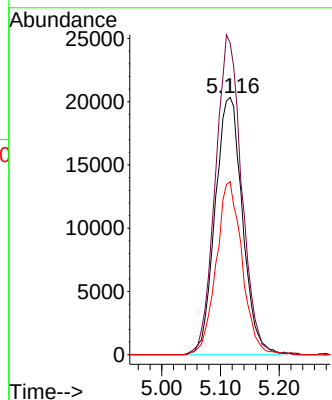
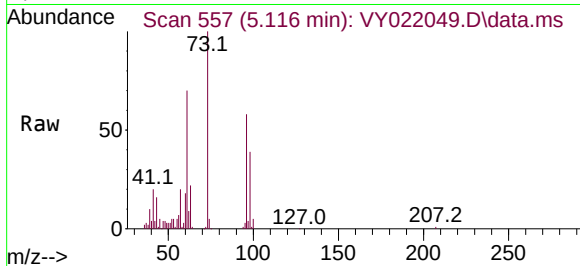




#21
trans-1,2-Dichloroethene
Concen: 20.215 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

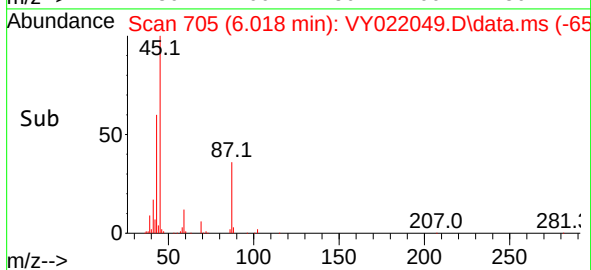
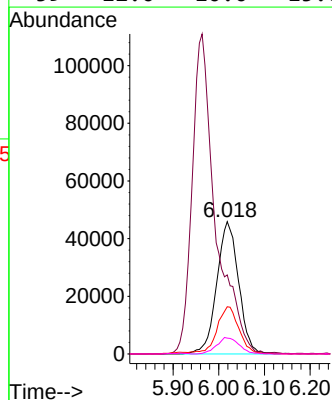
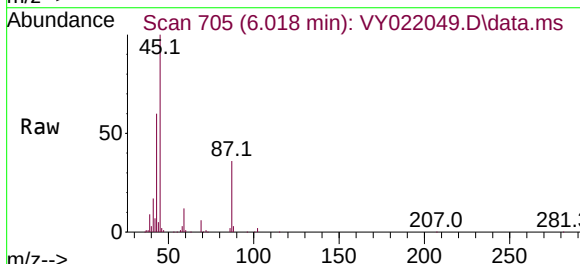
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

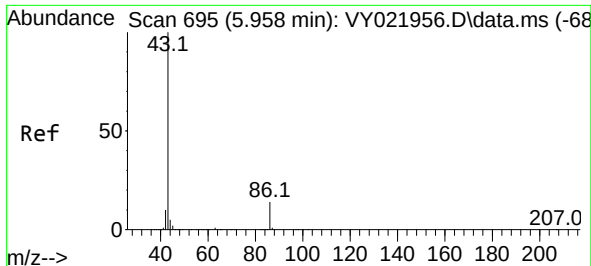
Tgt Ion: 96 Resp: 65695
Ion Ratio Lower Upper
96 100
61 121.1 92.6 138.8
98 67.2 50.2 75.4



#22
Diisopropyl ether
Concen: 20.272 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 45 Resp: 152428
Ion Ratio Lower Upper
45 100
43 59.0 43.6 65.4
87 35.5 28.2 42.4
59 12.0 10.0 15.0

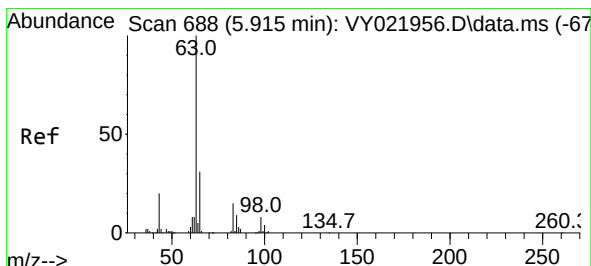
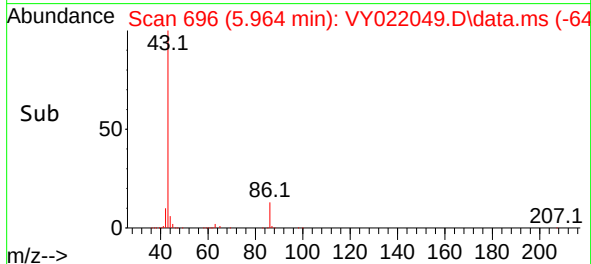
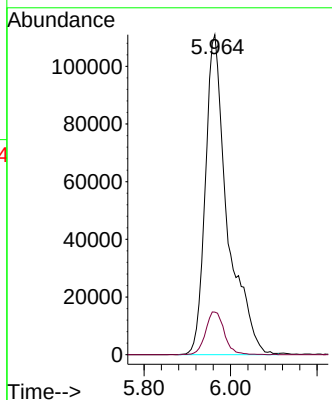
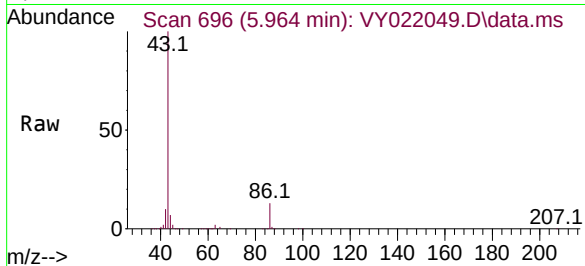




#23
 Vinyl Acetate
 Concen: 97.261 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022049.D
 Acq: 29 Apr 2025 10:53

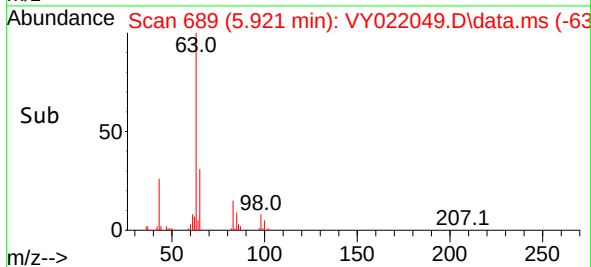
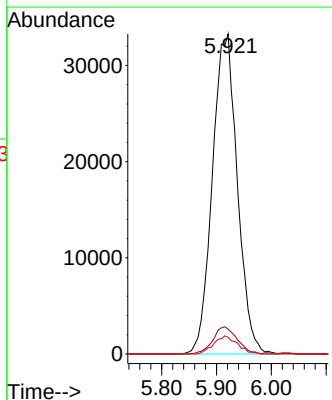
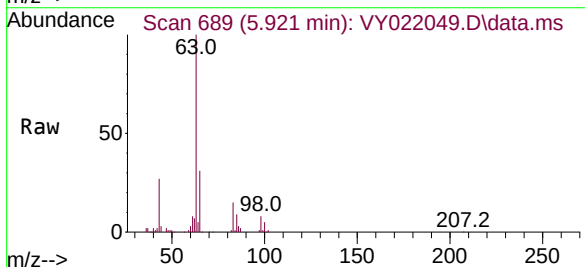
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

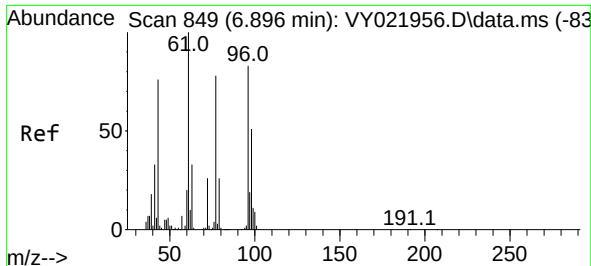
Tgt Ion: 43 Resp: 394142
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 20.191 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY022049.D
 Acq: 29 Apr 2025 10:53

Tgt Ion: 63 Resp: 105238
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 5.2 2.0 6.0





#25

2-Butanone

Concen: 96.354 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

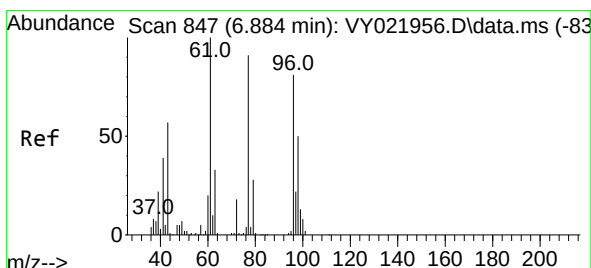
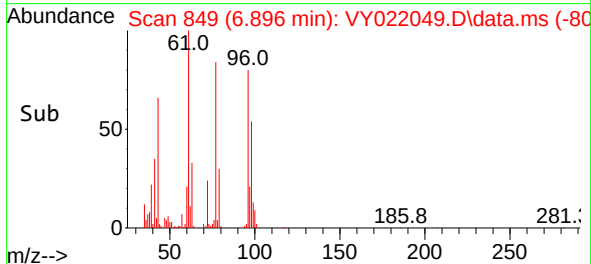
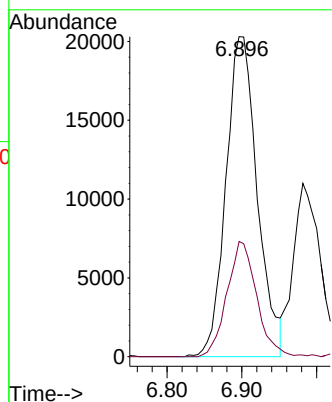
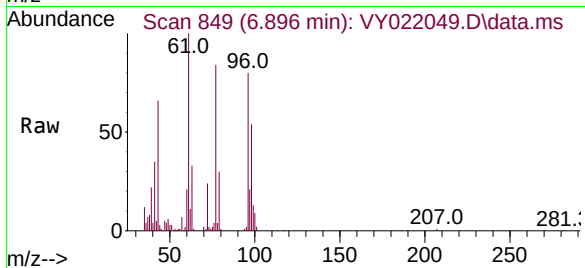
VY0429SBS01

Tgt Ion: 43 Resp: 59219

Ion Ratio Lower Upper

43 100

72 36.0 27.0 40.4



#26

2,2-Dichloropropane

Concen: 20.562 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022049.D

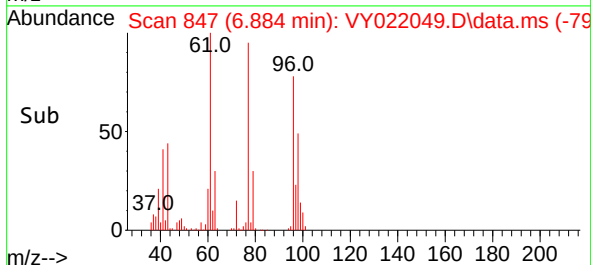
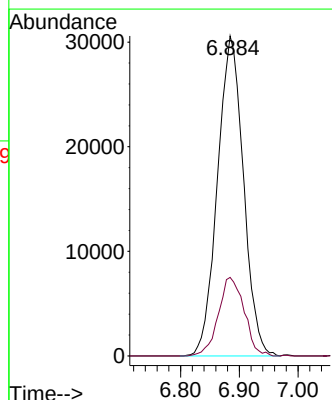
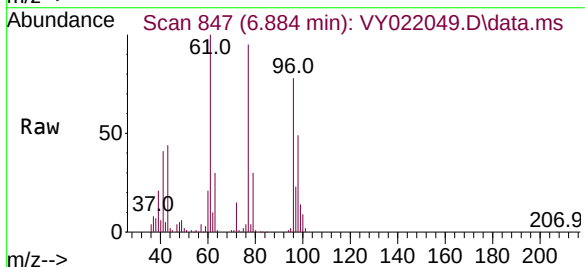
Acq: 29 Apr 2025 10:53

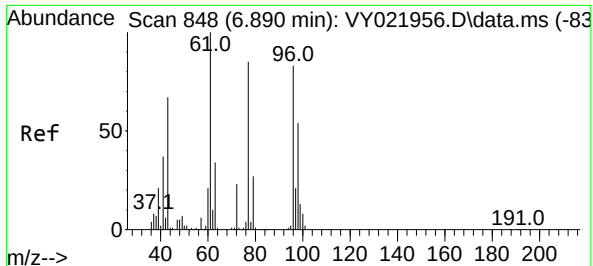
Tgt Ion: 77 Resp: 93930

Ion Ratio Lower Upper

77 100

97 24.4 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 20.310 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

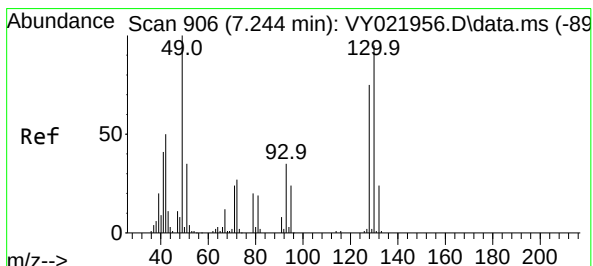
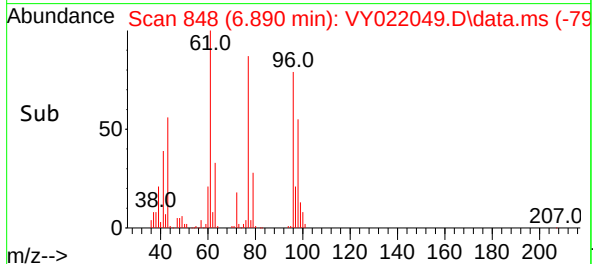
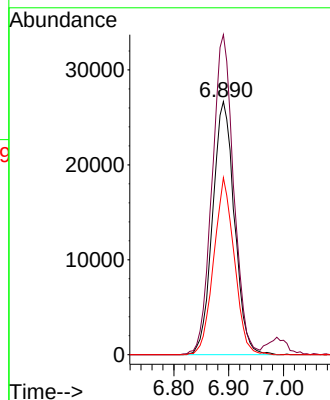
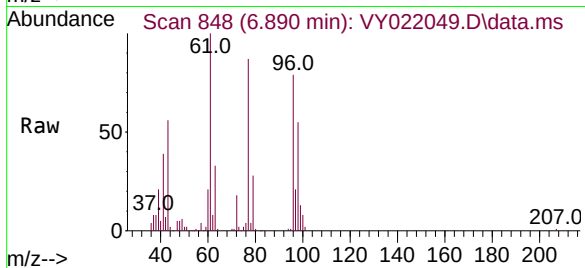
Tgt Ion: 96 Resp: 73804

Ion Ratio Lower Upper

96 100

61 124.9 0.0 251.4

98 65.8 0.0 128.4



#28

Bromochloromethane

Concen: 20.983 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

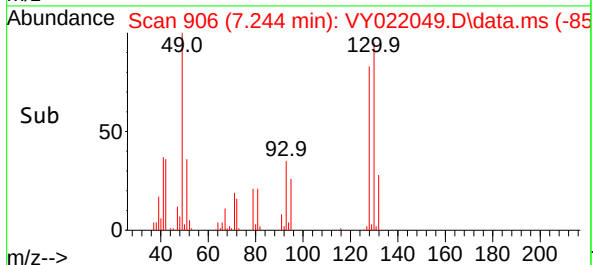
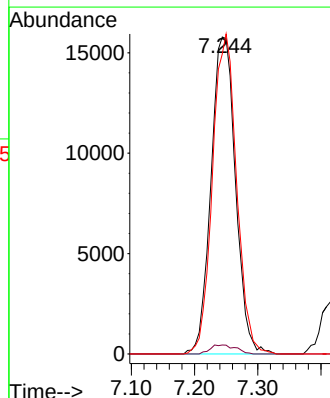
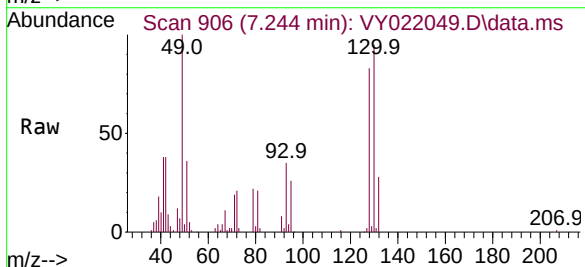
Tgt Ion: 49 Resp: 42480

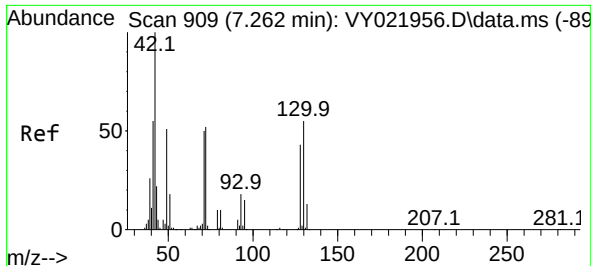
Ion Ratio Lower Upper

49 100

129 3.0 0.0 5.0

130 99.0 78.2 117.4





#29

Tetrahydrofuran

Concen: 97.667 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

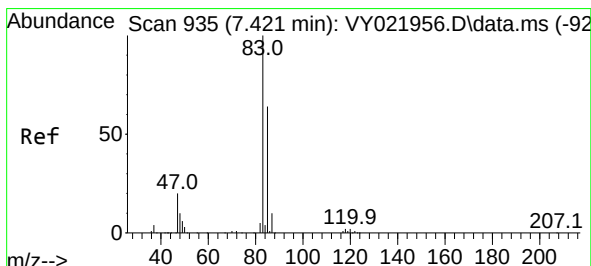
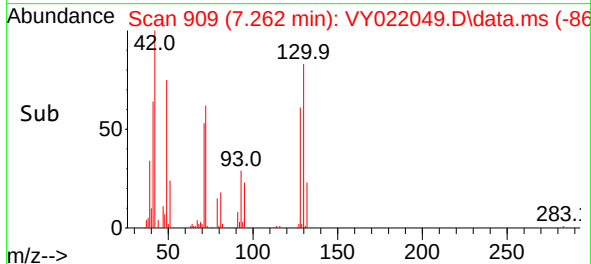
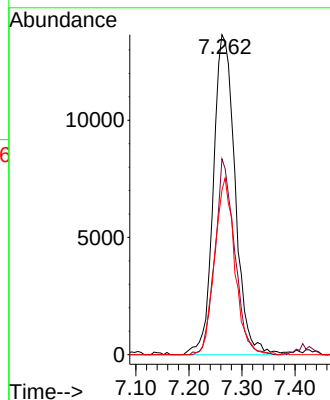
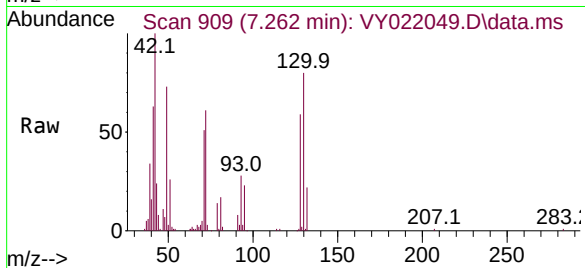
Tgt Ion: 42 Resp: 38986

Ion Ratio Lower Upper

42 100

72 55.2 42.6 63.8

71 51.2 40.6 61.0



#30

Chloroform

Concen: 20.745 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022049.D

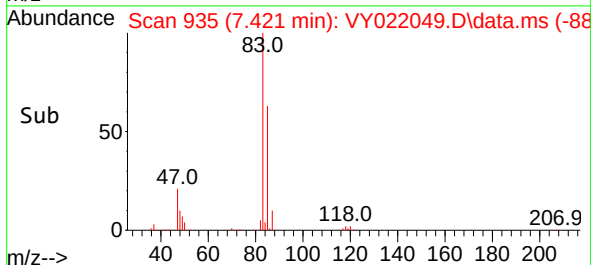
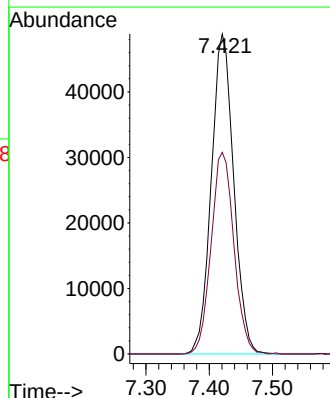
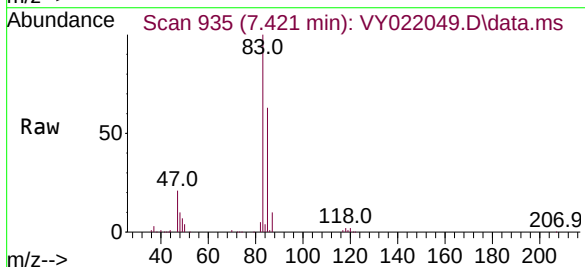
Acq: 29 Apr 2025 10:53

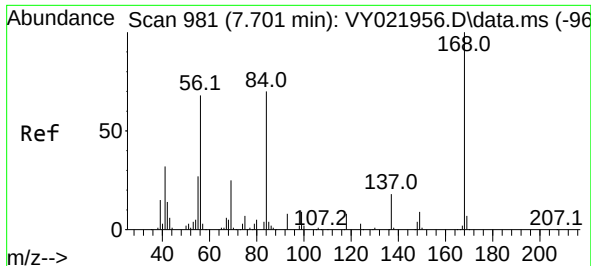
Tgt Ion: 83 Resp: 119936

Ion Ratio Lower Upper

83 100

85 63.0 51.3 76.9

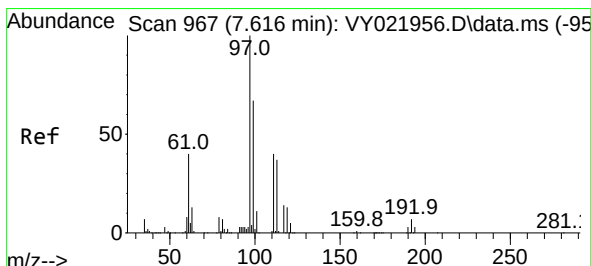
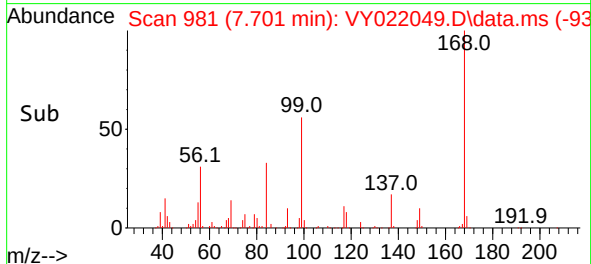
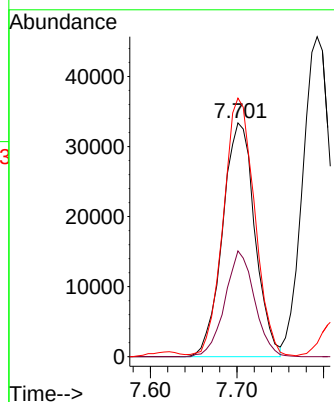
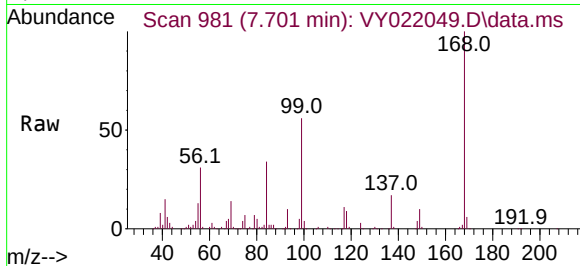




#31
Cyclohexane
Concen: 19.375 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

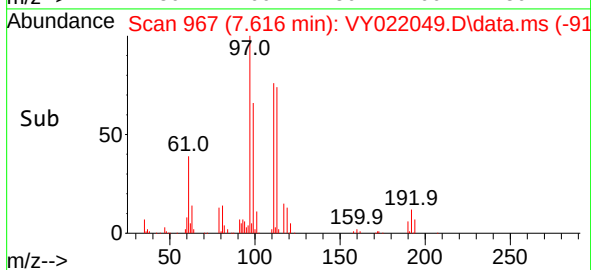
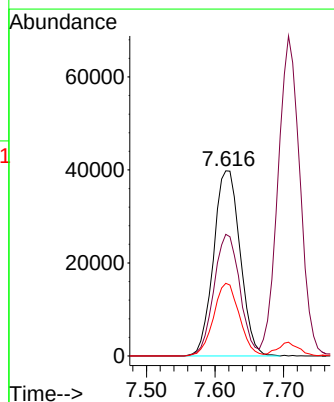
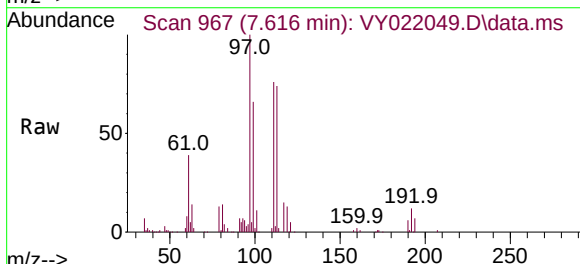
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

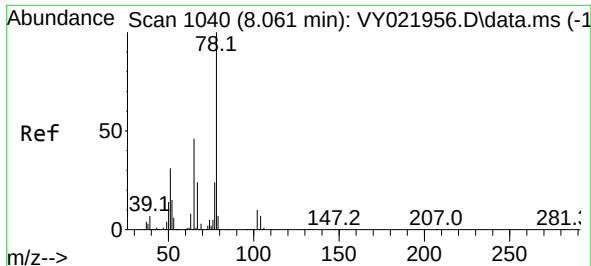
Tgt Ion: 56 Resp: 86354
Ion Ratio Lower Upper
56 100
69 45.2 29.4 44.2#
84 109.5 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 20.510 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 97 Resp: 107276
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 38.1 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 49.306 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

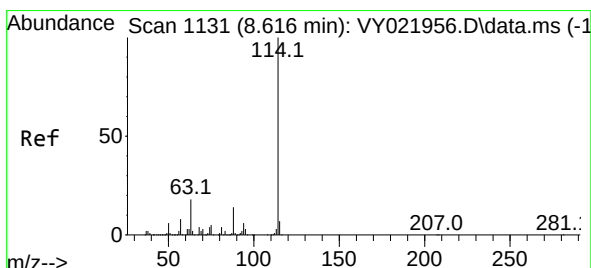
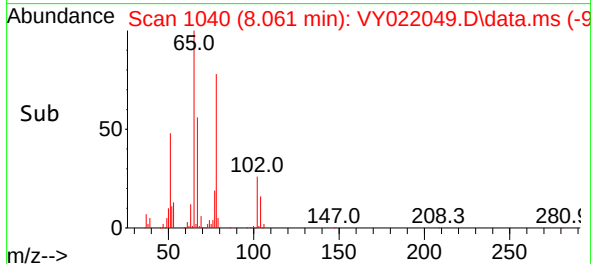
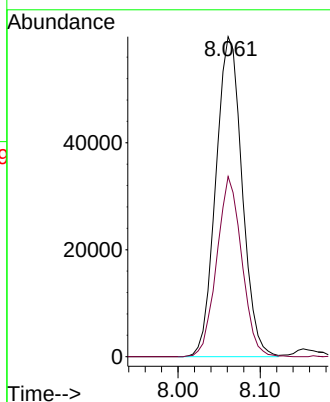
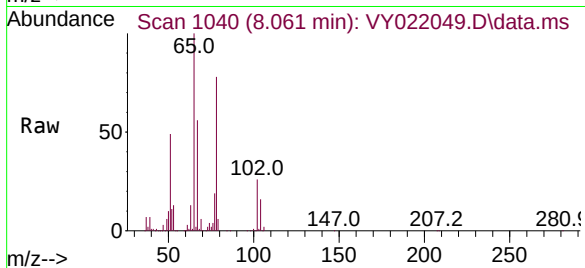
VY0429SBS01

Tgt Ion: 65 Resp: 132942

Ion Ratio Lower Upper

65 100

67 53.7 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: VY022049.D

Acq: 29 Apr 2025 10:53

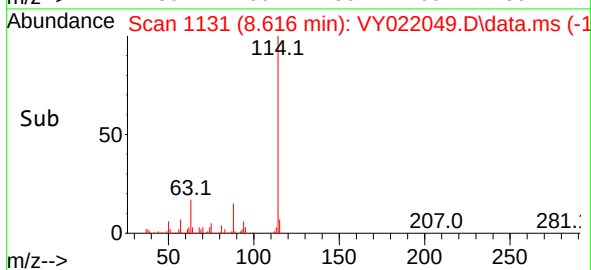
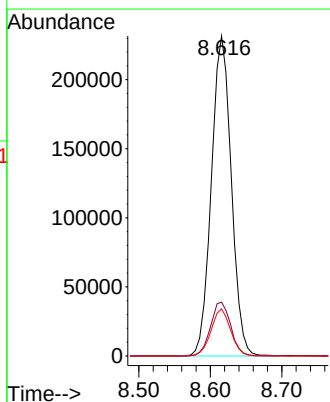
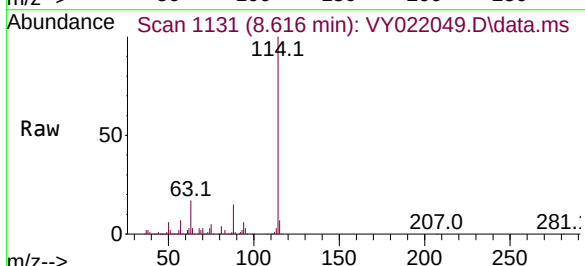
Tgt Ion:114 Resp: 448136

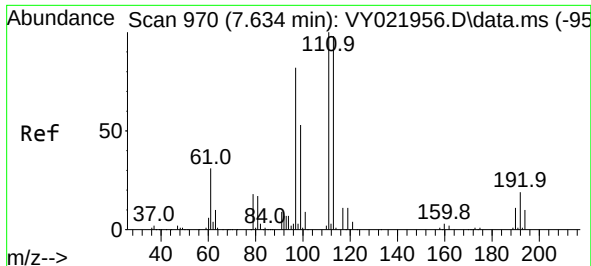
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.4

88 14.7 0.0 28.2

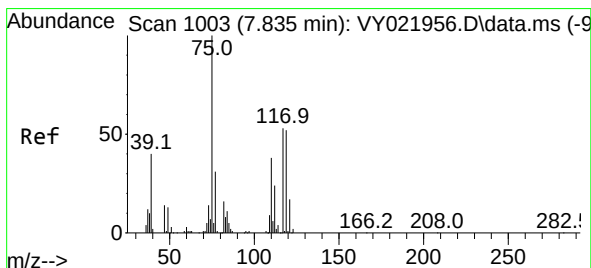
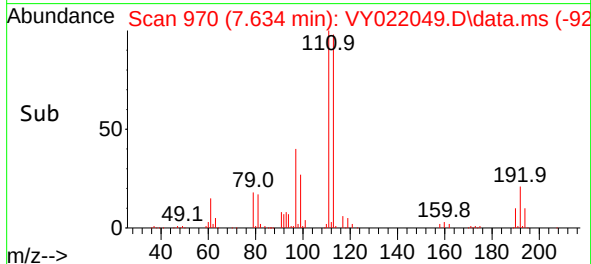
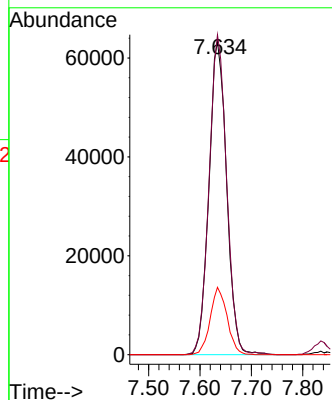
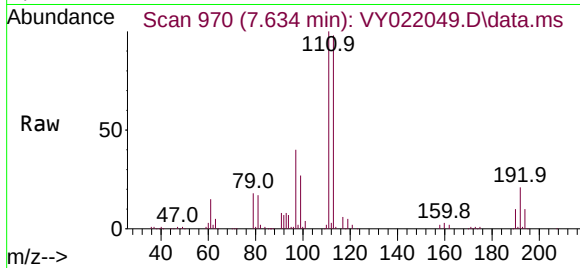




#35
Dibromofluoromethane
Concen: 51.093 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

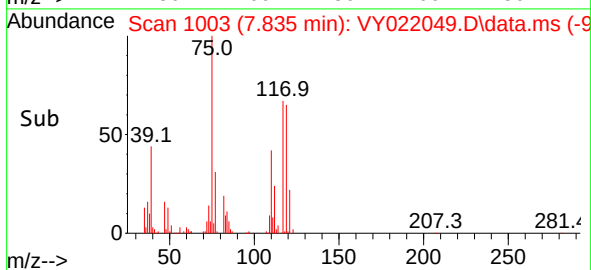
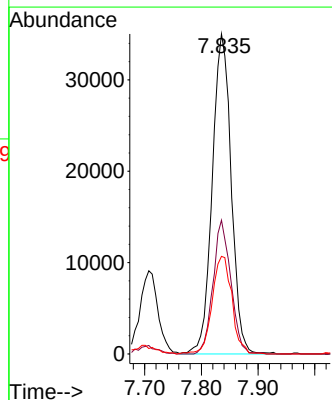
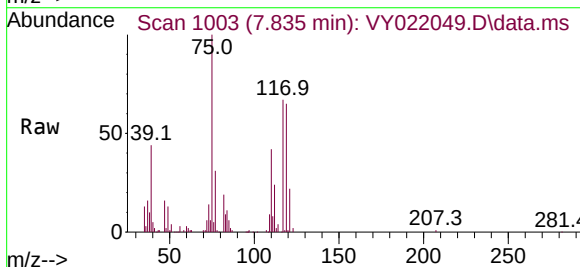
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

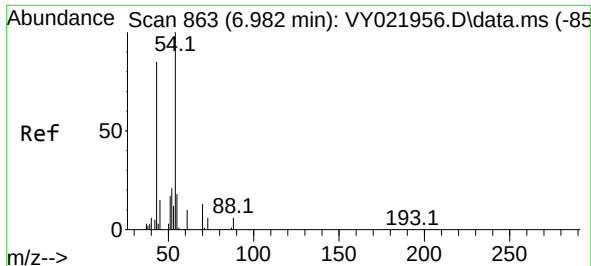
Tgt Ion:113 Resp: 151267
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.8
192 20.6 15.6 23.4



#36
1,1-Dichloropropene
Concen: 20.459 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 75 Resp: 81364
Ion Ratio Lower Upper
75 100
110 39.1 19.1 57.3
77 31.8 25.5 38.3





#37

Ethyl Acetate

Concen: 20.073 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

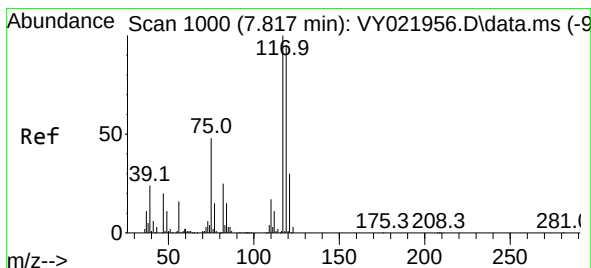
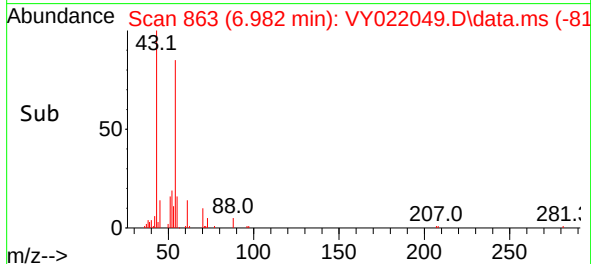
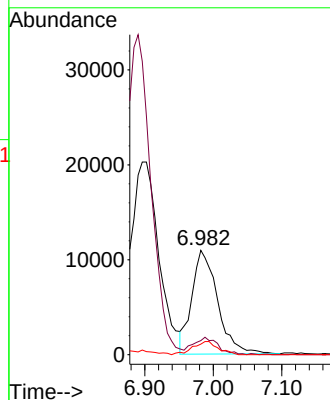
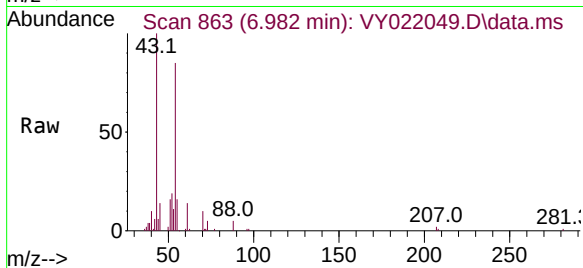
MSVOA_Y

ClientSampleId :

VY0429SBS01

Tgt Ion: 43 Resp: 28671

Ion	Ratio	Lower	Upper
43	100		
61	15.8	13.8	20.6
70	12.3	9.2	13.8



#38

Carbon Tetrachloride

Concen: 21.090 ug/l

RT: 7.817 min Scan# 1000

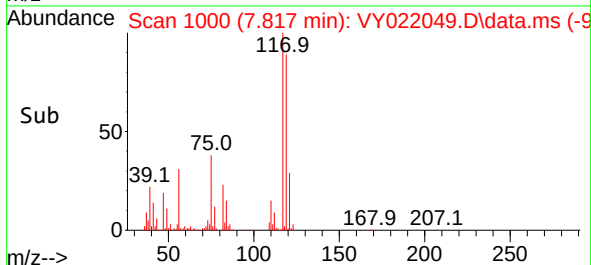
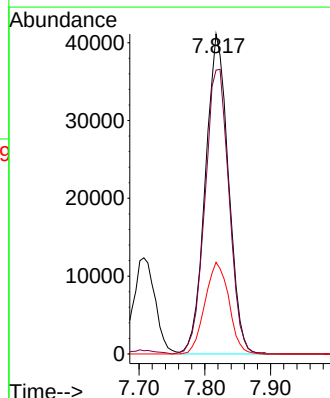
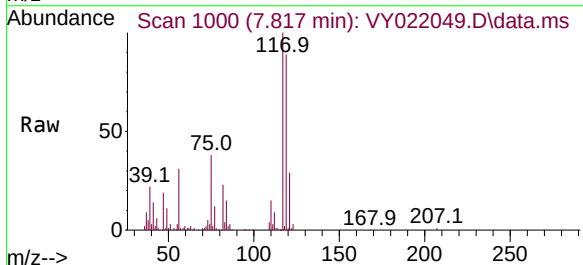
Delta R.T. -0.000 min

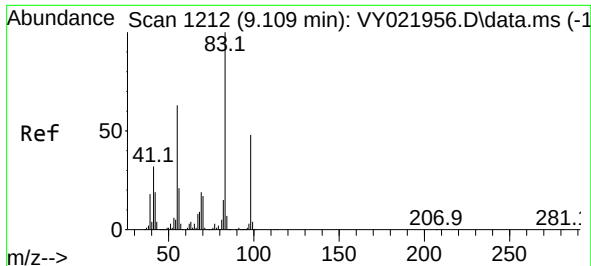
Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Tgt Ion: 117 Resp: 100223

Ion	Ratio	Lower	Upper
117	100		
119	88.7	76.2	114.4
121	28.7	24.0	36.0





#39

Methylcyclohexane

Concen: 19.525 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

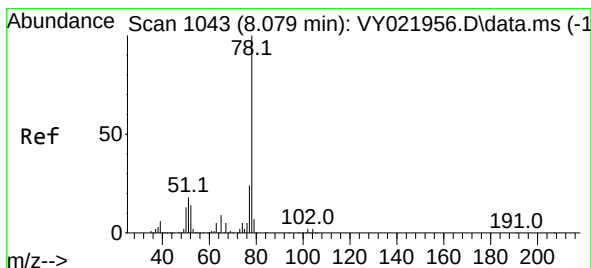
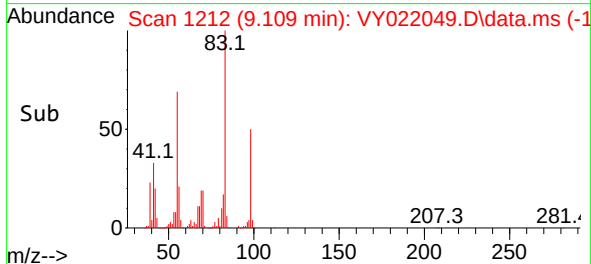
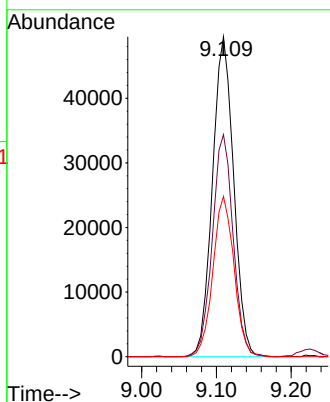
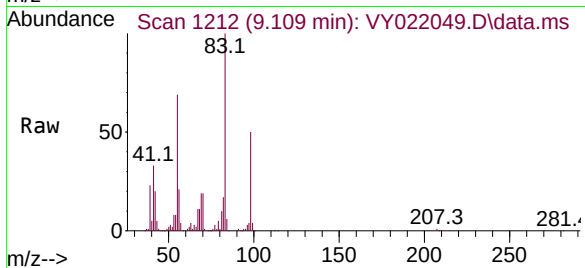
Tgt Ion: 83 Resp: 97715

Ion Ratio Lower Upper

83 100

55 69.4 50.6 75.8

98 50.1 38.6 58.0



#40

Benzene

Concen: 20.843 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022049.D

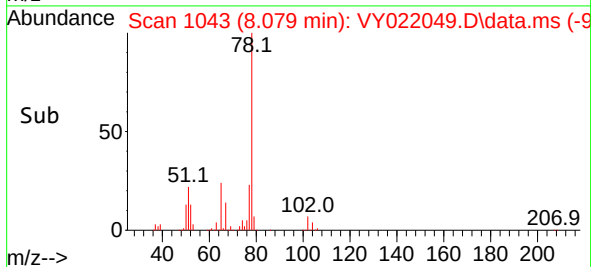
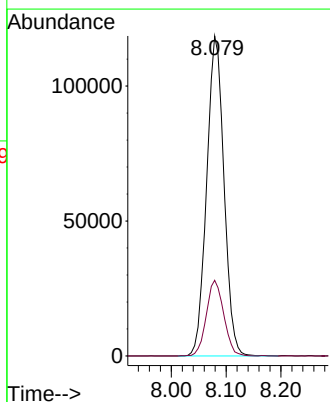
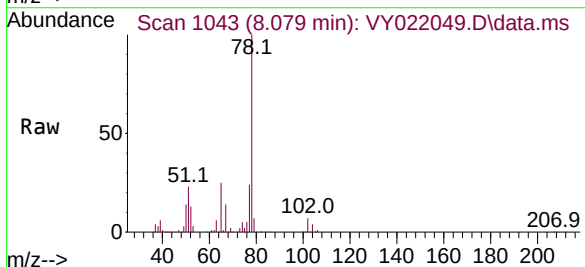
Acq: 29 Apr 2025 10:53

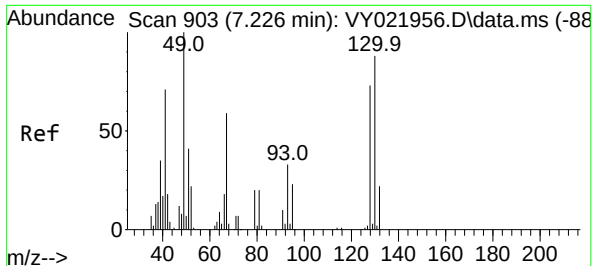
Tgt Ion: 78 Resp: 259113

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

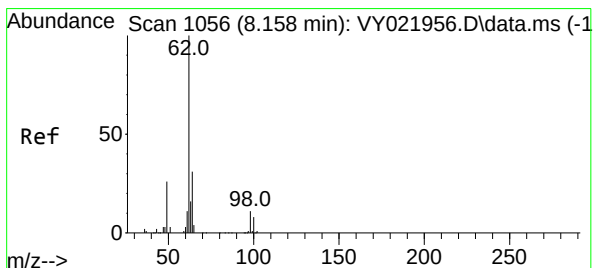
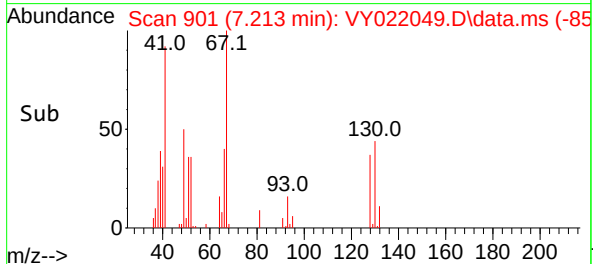
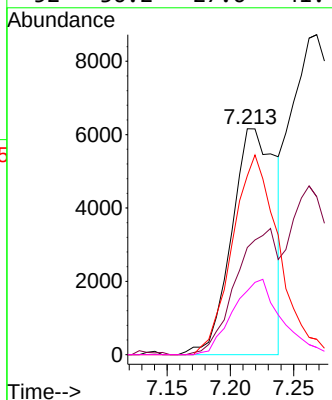
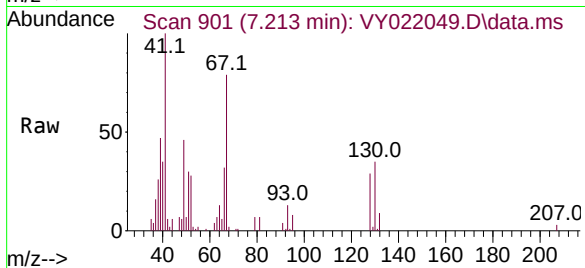




#41
Methacrylonitrile
Concen: 19.128 ug/l
RT: 7.213 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

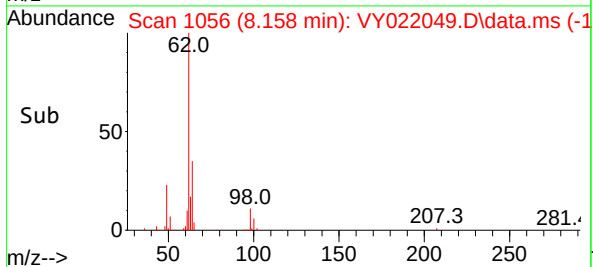
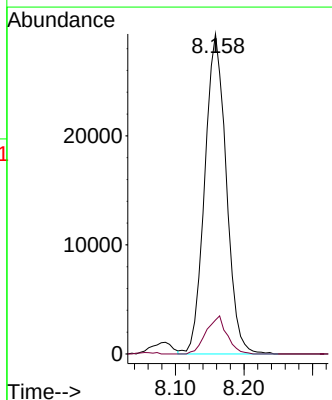
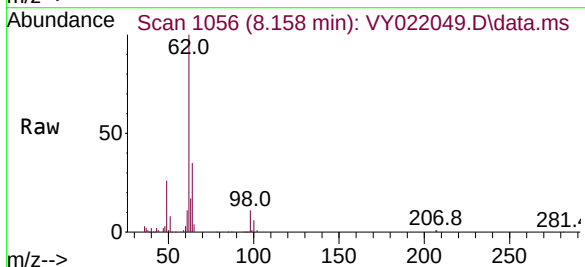
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBSD01

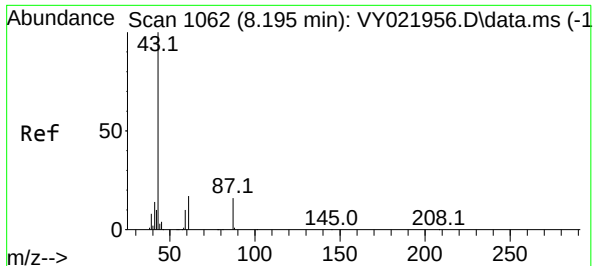
Tgt Ion:	41	Resp:	14935
Ion	Ratio	Lower	Upper
41	100		
39	52.6	36.6	55.0
67	94.4	72.2	108.4
52	36.2	27.6	41.4



#42
1,2-Dichloroethane
Concen: 20.786 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion:	62	Resp:	63977
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	22.0





#43

Isopropyl Acetate

Concen: 19.838 ug/l

RT: 8.195 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBSD01

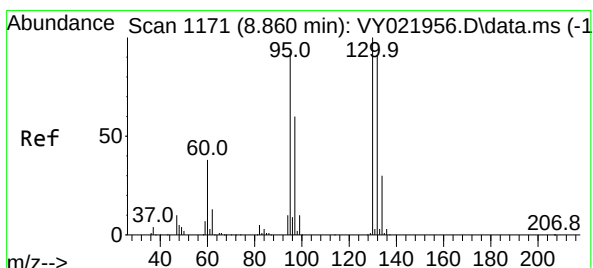
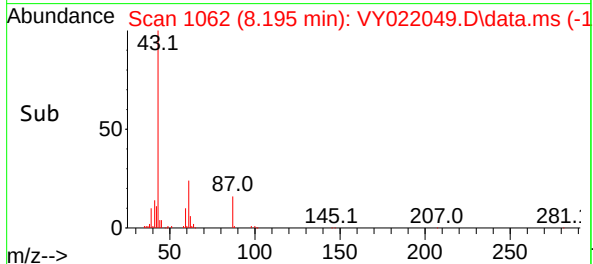
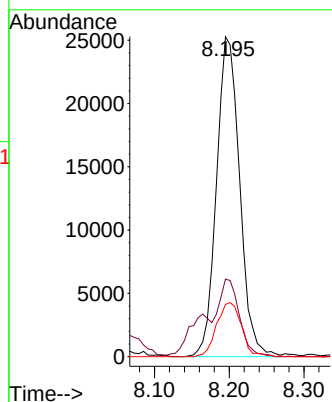
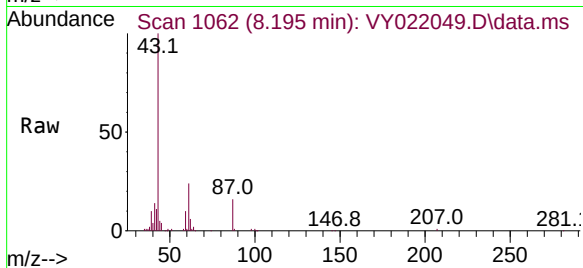
Tgt Ion: 43 Resp: 54414

Ion Ratio Lower Upper

43 100

61 21.9 18.9 28.3

87 18.2 13.7 20.5



#44

Trichloroethene

Concen: 21.269 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VY022049.D

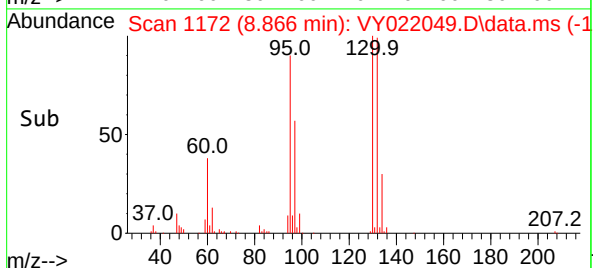
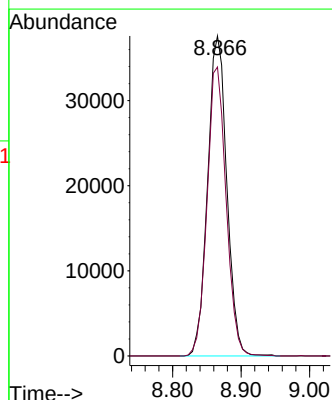
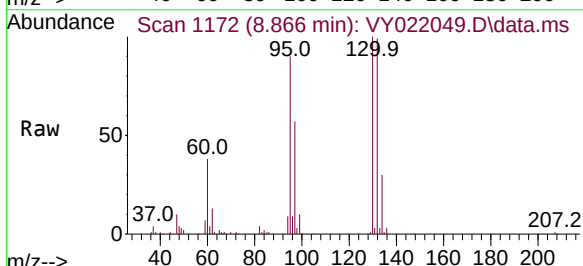
Acq: 29 Apr 2025 10:53

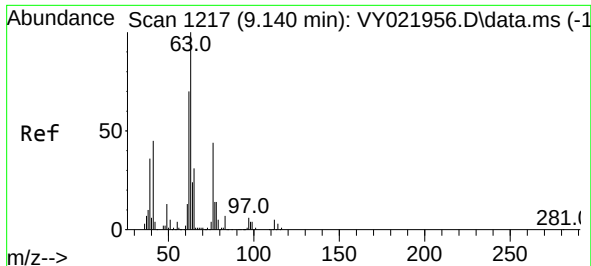
Tgt Ion:130 Resp: 73238

Ion Ratio Lower Upper

130 100

95 90.3 0.0 183.2





#45

1,2-Dichloropropane

Concen: 21.161 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

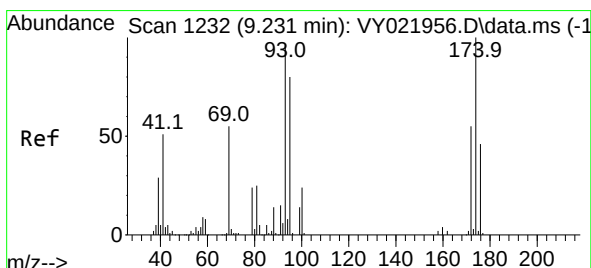
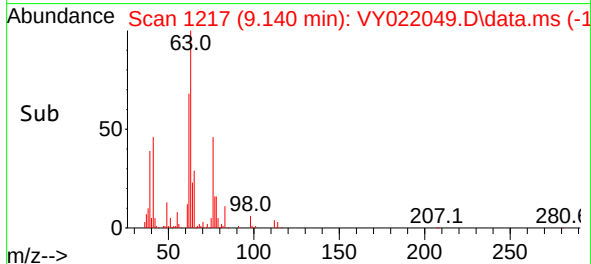
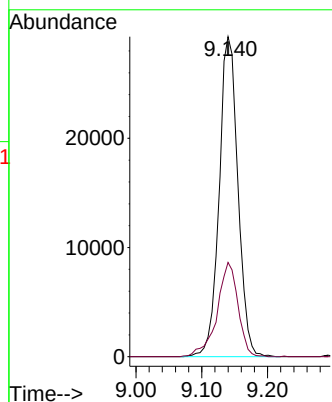
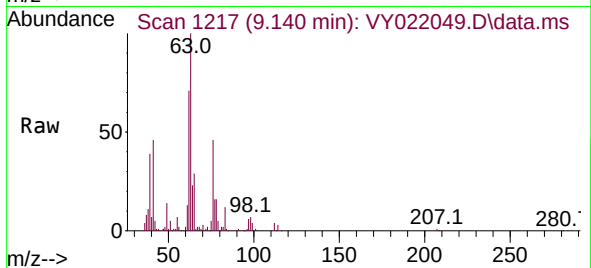
VY0429SBS01

Tgt Ion: 63 Resp: 58177

Ion Ratio Lower Upper

63 100

65 29.5 25.2 37.8



#46

Dibromomethane

Concen: 21.115 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

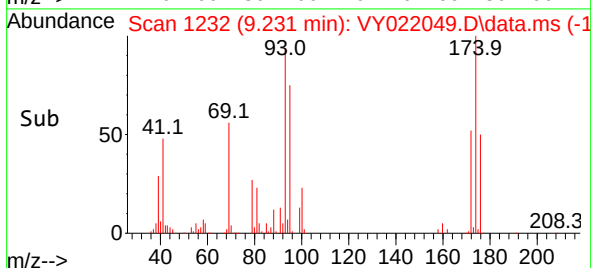
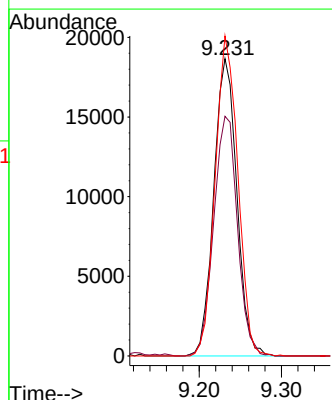
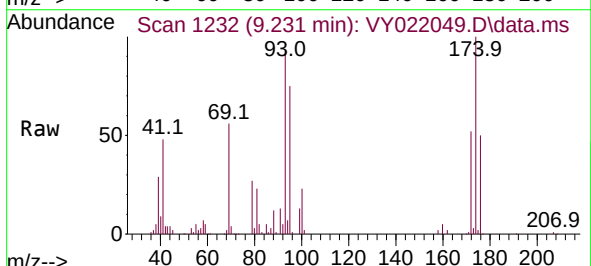
Tgt Ion: 93 Resp: 36339

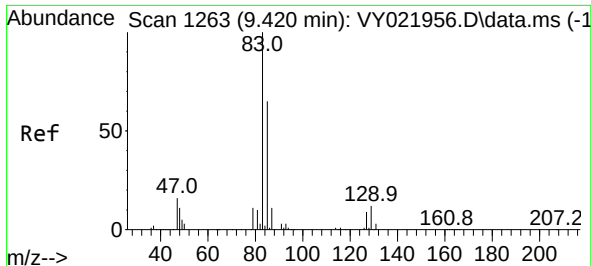
Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

174 106.4 84.6 127.0

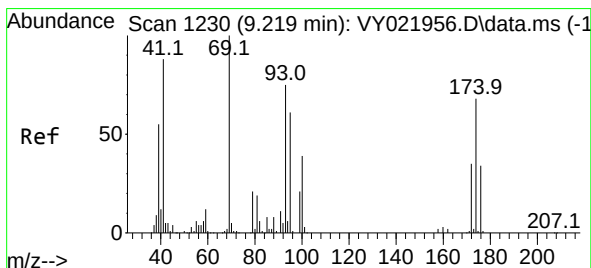
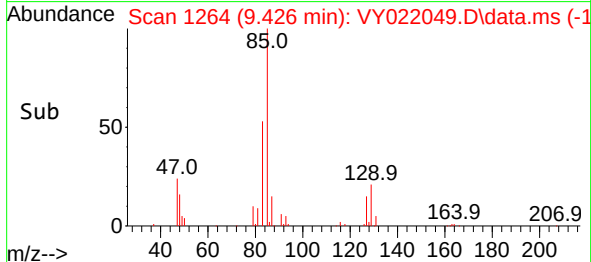
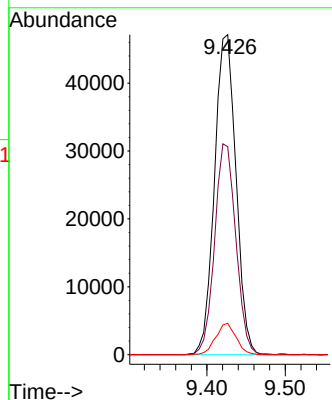
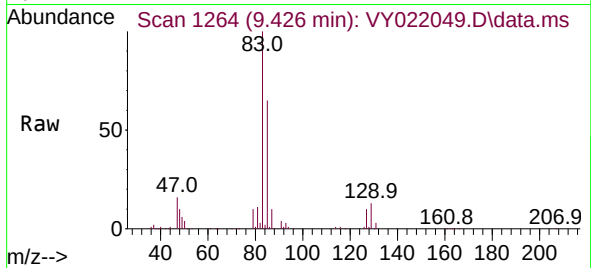




#47
Bromodichloromethane
Concen: 20.937 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

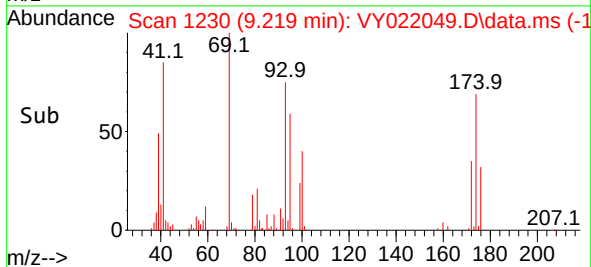
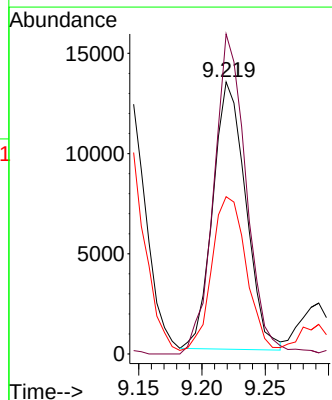
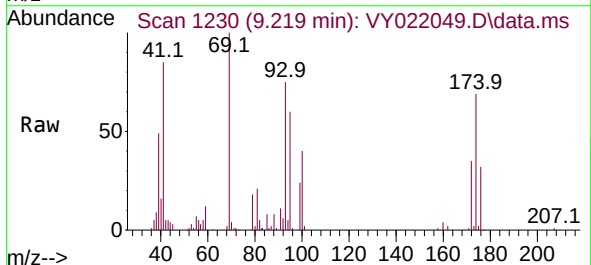
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

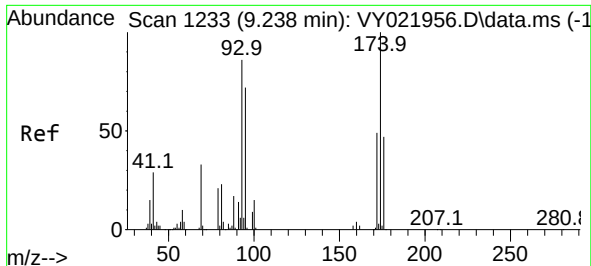
Tgt Ion: 83 Resp: 90012
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.8
127 9.8 7.0 10.6



#48
Methyl methacrylate
Concen: 19.048 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 41 Resp: 24153
Ion Ratio Lower Upper
41 100
69 117.9 85.5 128.3
39 62.0 46.2 69.4





#49

1,4-Dioxane

Concen: 395.905 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

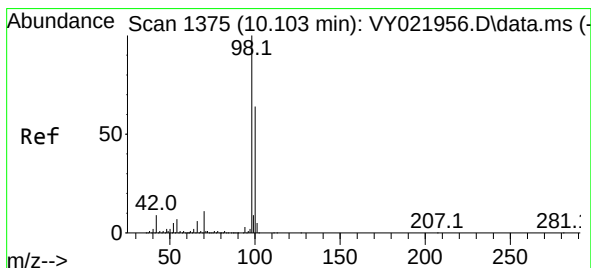
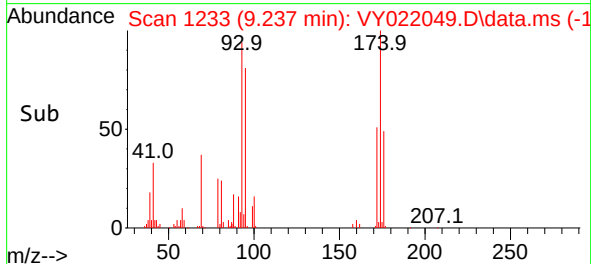
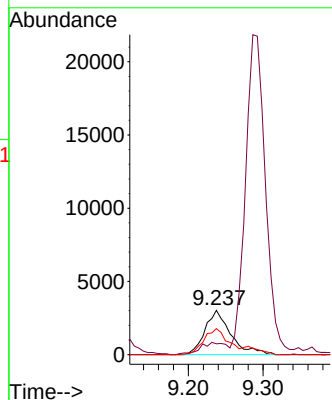
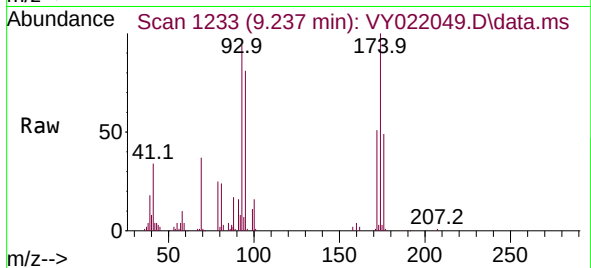
Tgt Ion: 88 Resp: 7262

Ion Ratio Lower Upper

88 100

43 28.4 21.3 31.9

58 56.9 50.5 75.7



#50

Toluene-d8

Concen: 51.504 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022049.D

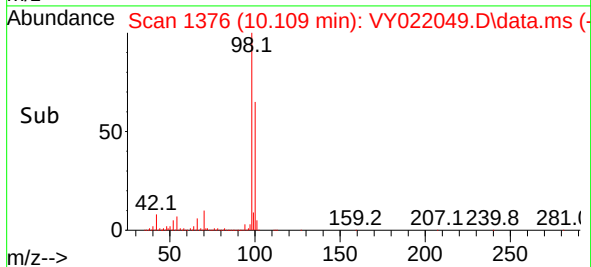
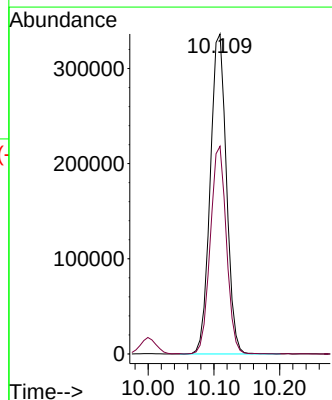
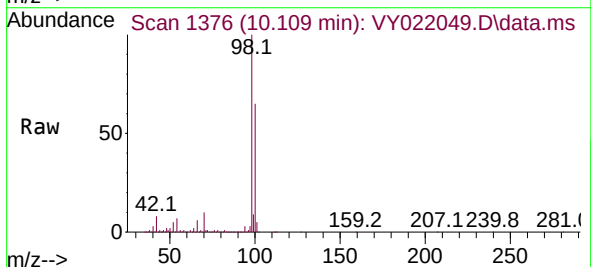
Acq: 29 Apr 2025 10:53

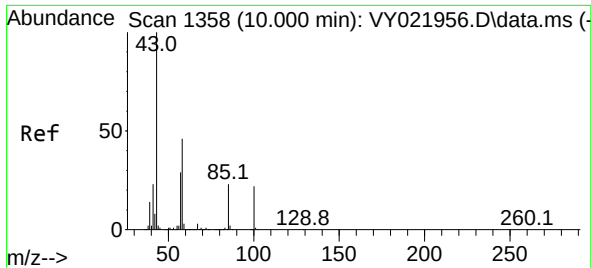
Tgt Ion: 98 Resp: 574864

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4

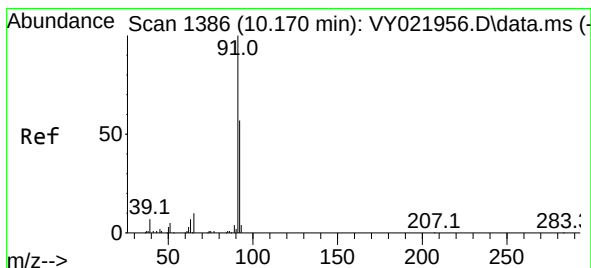
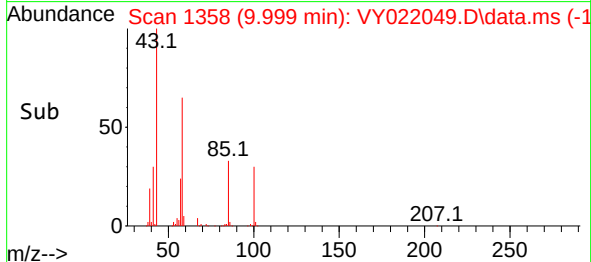
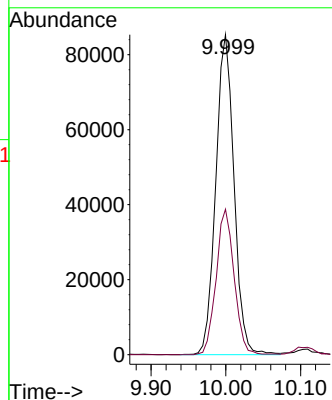
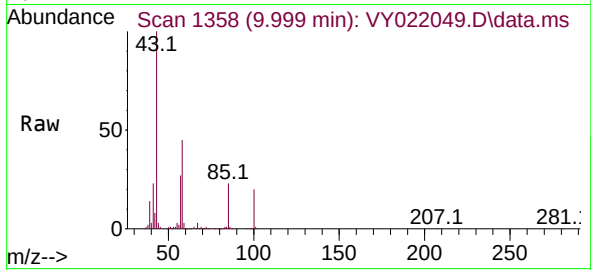




#51
4-Methyl-2-Pentanone
Concen: 100.935 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

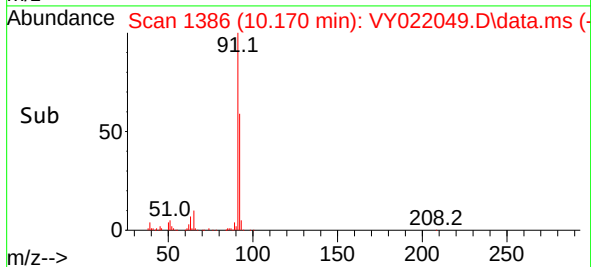
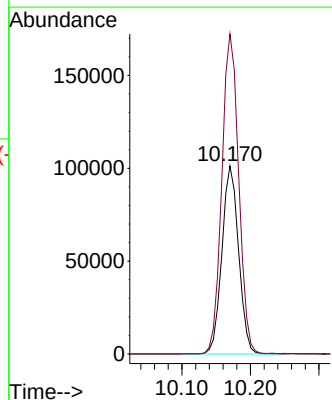
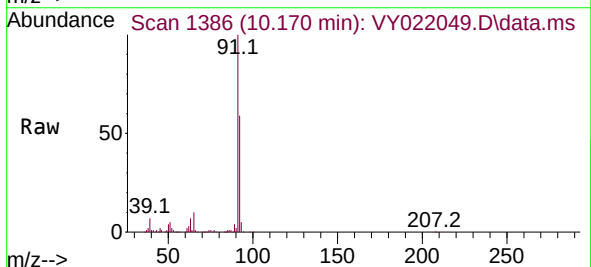
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBSD01

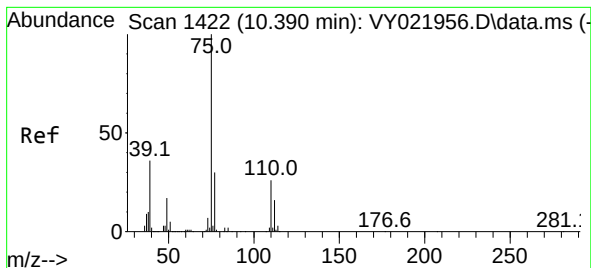
Tgt Ion: 43 Resp: 145133
Ion Ratio Lower Upper
43 100
58 44.9 36.6 55.0



#52
Toluene
Concen: 21.179 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 92 Resp: 170433
Ion Ratio Lower Upper
92 100
91 172.6 138.6 207.8

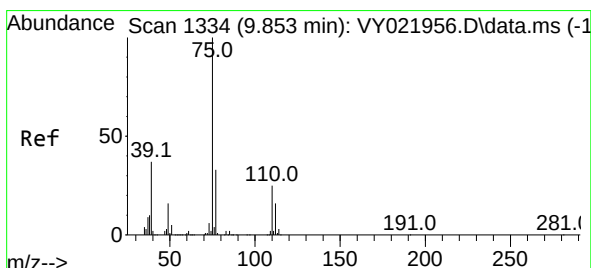
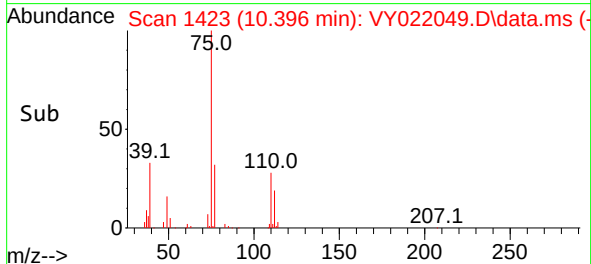
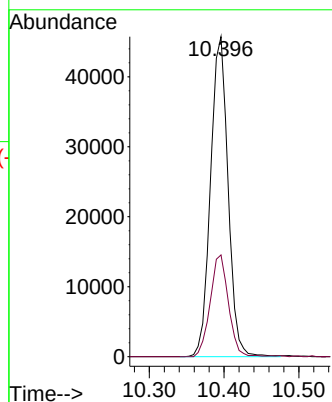
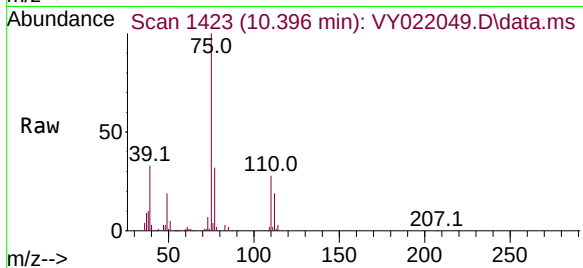




#53
 t-1,3-Dichloropropene
 Concen: 20.246 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022049.D
 Acq: 29 Apr 2025 10:53

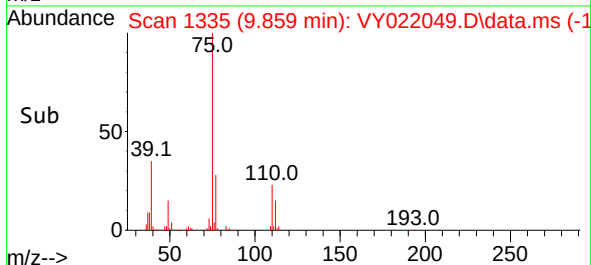
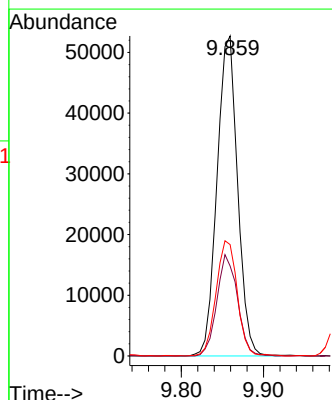
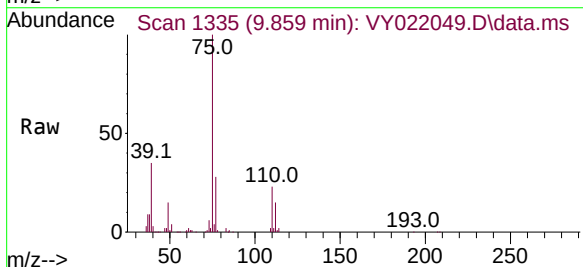
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBS01

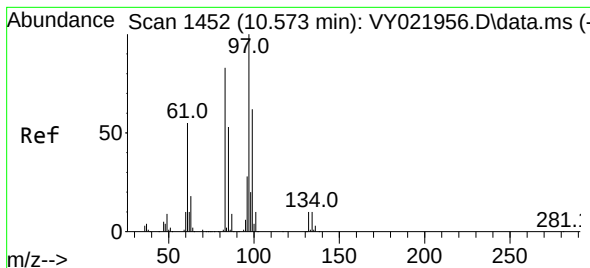
Tgt Ion: 75 Resp: 74659
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.894 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY022049.D
 Acq: 29 Apr 2025 10:53

Tgt Ion: 75 Resp: 91589
 Ion Ratio Lower Upper
 75 100
 77 28.1 26.6 40.0
 39 34.7 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 21.310 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBSD01

Tgt Ion: 97 Resp: 48989

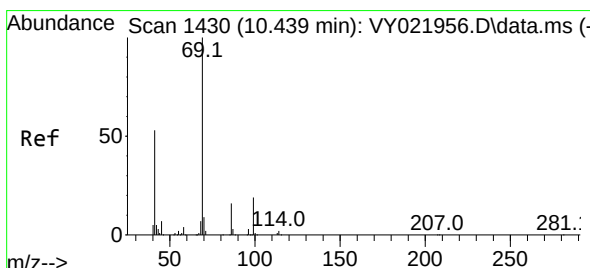
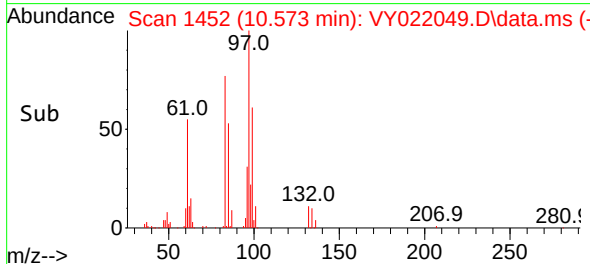
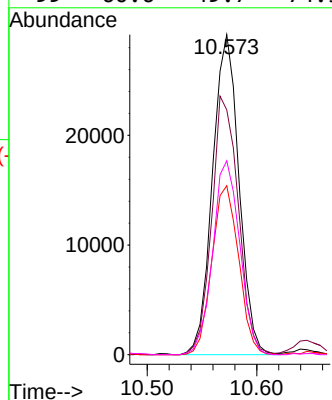
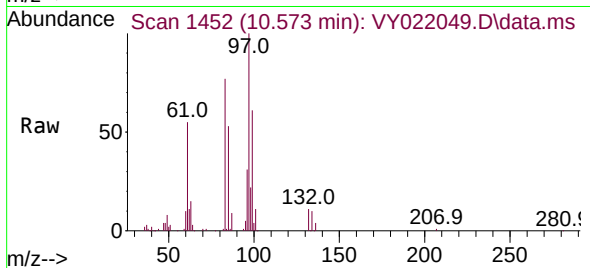
Ion Ratio Lower Upper

97 100

83 76.5 66.7 100.1

85 52.8 42.6 64.0

99 60.6 49.7 74.5



#56

Ethyl methacrylate

Concen: 19.251 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

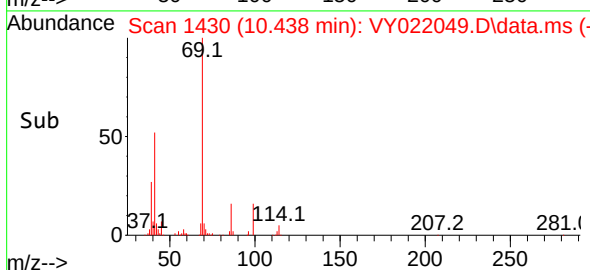
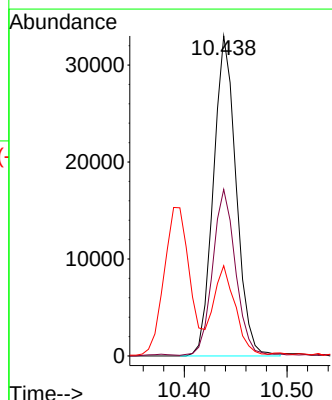
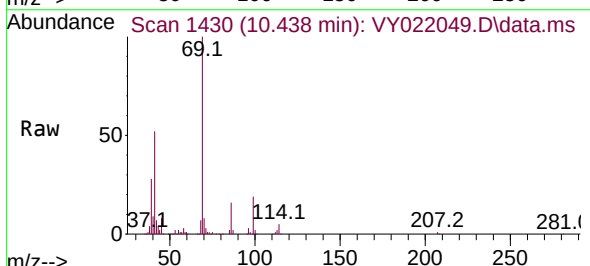
Tgt Ion: 69 Resp: 50609

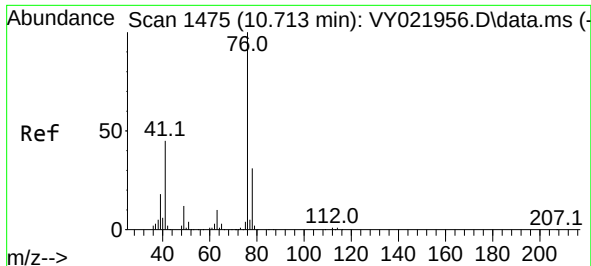
Ion Ratio Lower Upper

69 100

41 52.2 40.7 61.1

39 25.8 23.3 34.9





#57

1,3-Dichloropropane

Concen: 20.630 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

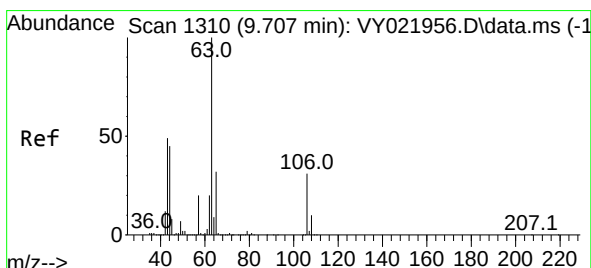
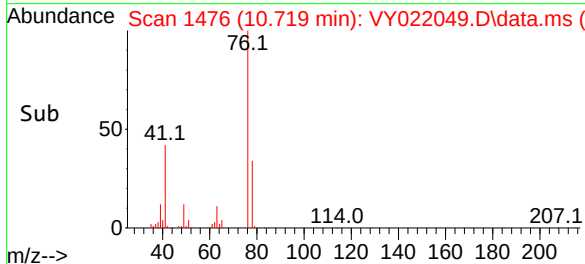
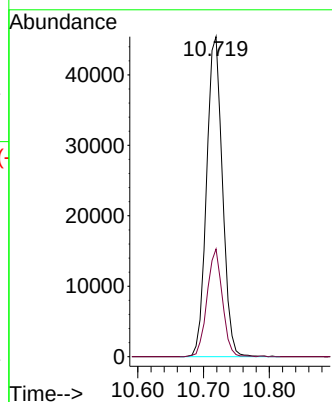
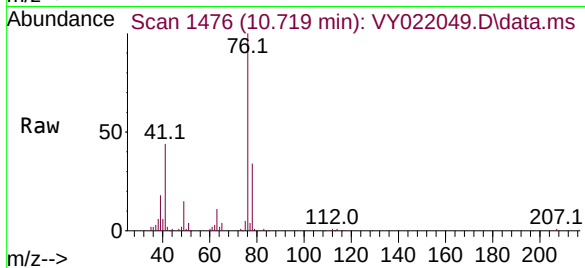
VY0429SBS01

Tgt Ion: 76 Resp: 76028

Ion Ratio Lower Upper

76 100

78 32.7 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.254 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022049.D

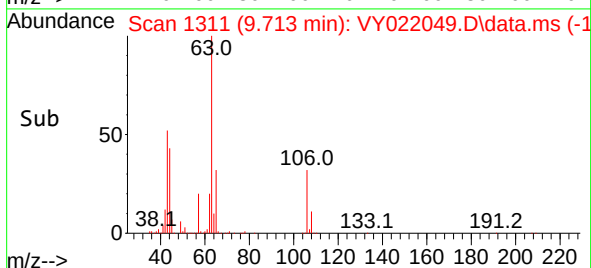
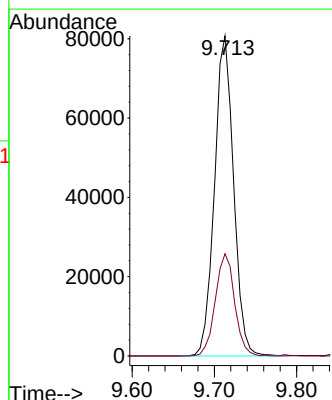
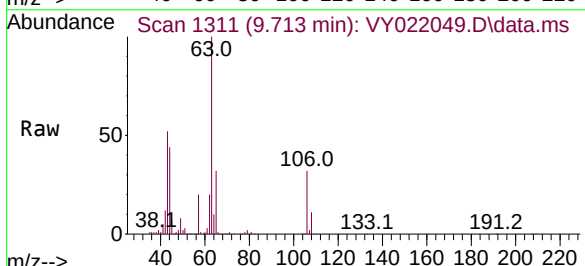
Acq: 29 Apr 2025 10:53

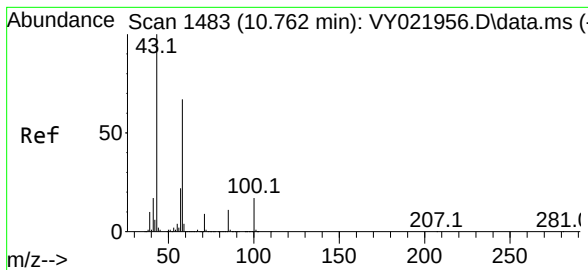
Tgt Ion: 63 Resp: 130145

Ion Ratio Lower Upper

63 100

106 32.3 25.3 37.9

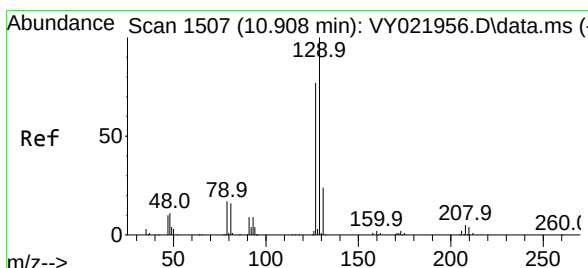
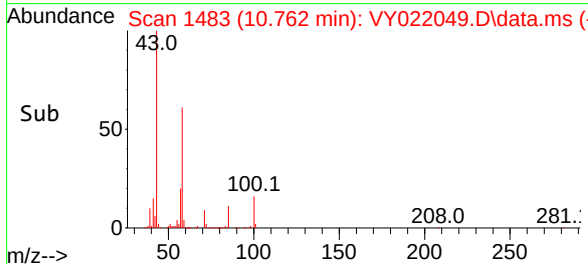
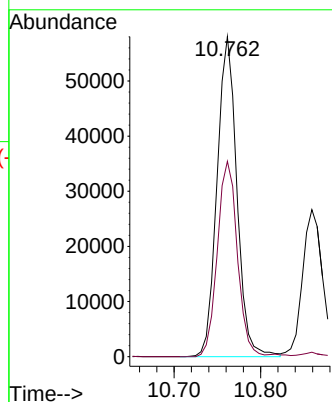
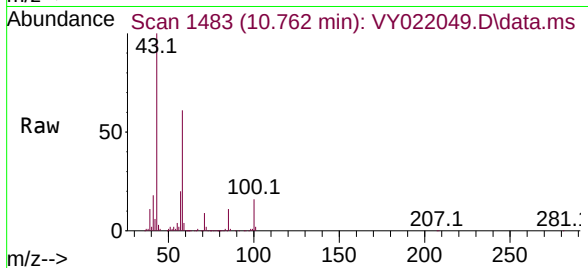




#59
2-Hexanone
Concen: 97.370 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

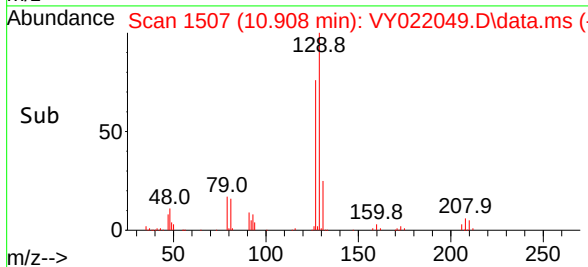
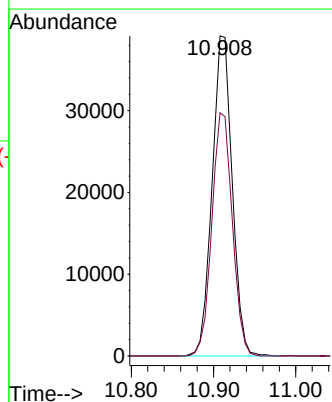
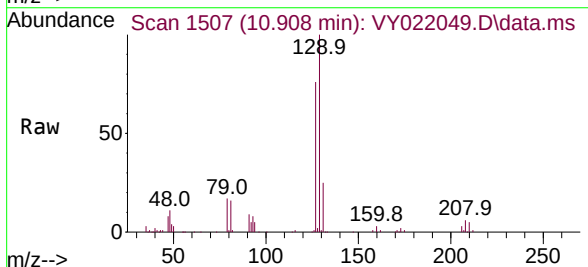
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBSD01

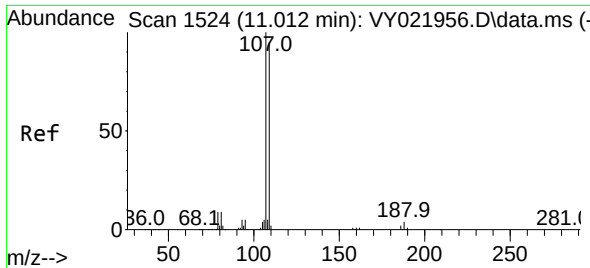
Tgt Ion: 43 Resp: 92347
Ion Ratio Lower Upper
43 100
58 61.6 32.0 96.0



#60
Dibromochloromethane
Concen: 20.913 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 129 Resp: 66559
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3

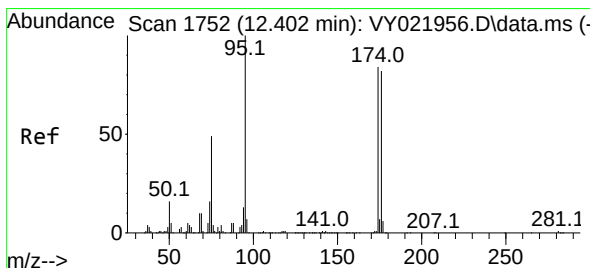
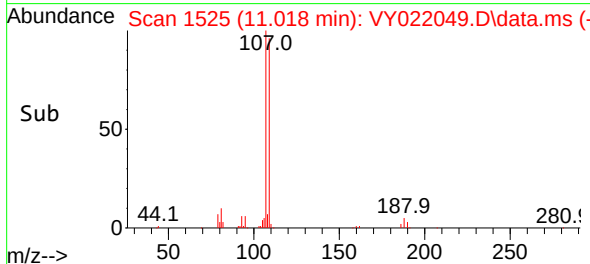
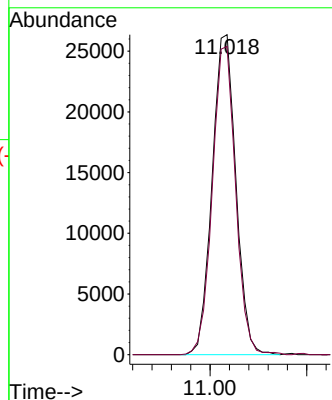
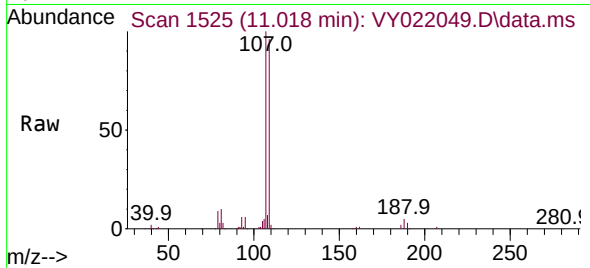




#61
1,2-Dibromoethane
Concen: 20.737 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

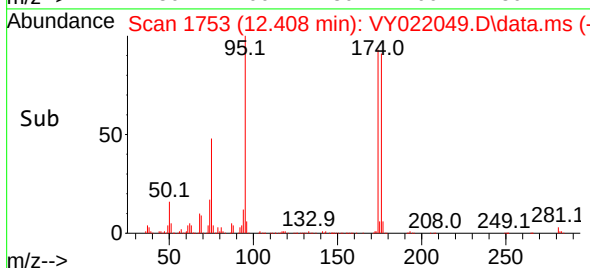
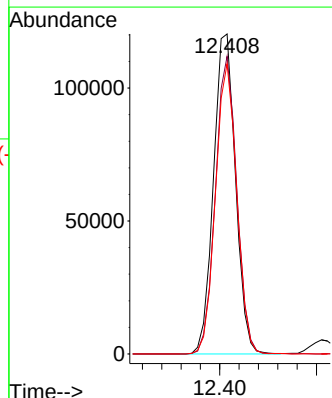
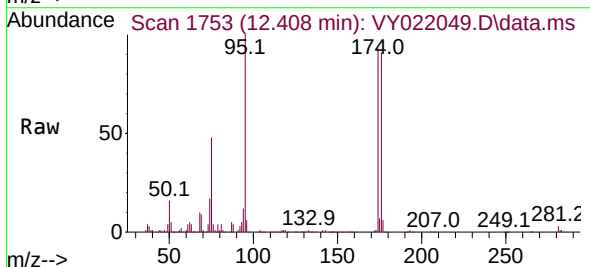
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

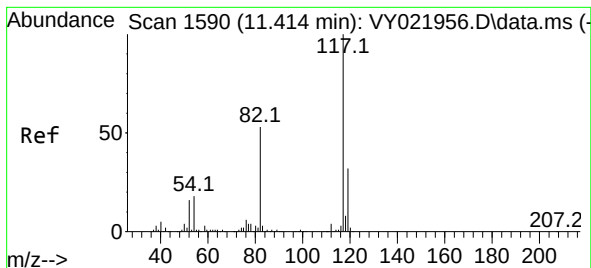
Tgt Ion:107 Resp: 45004
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.506 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 95 Resp: 189774
Ion Ratio Lower Upper
95 100
174 90.2 0.0 179.0
176 87.7 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: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

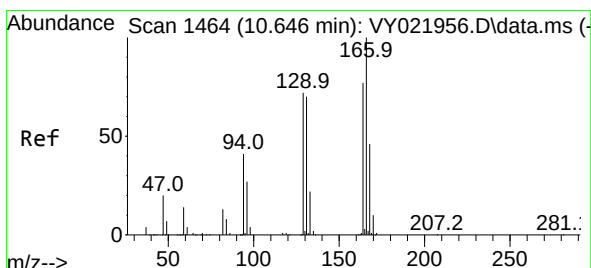
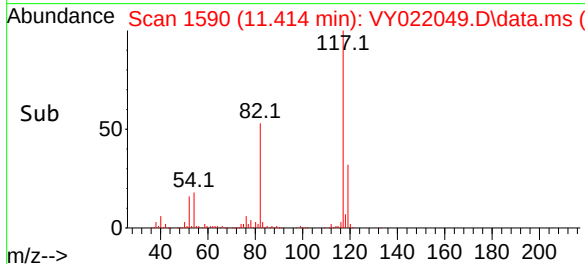
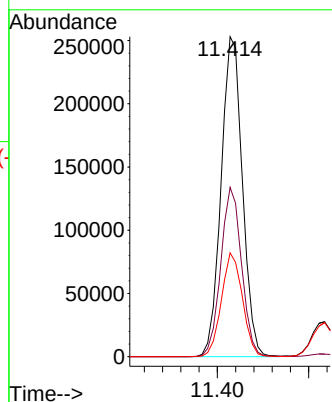
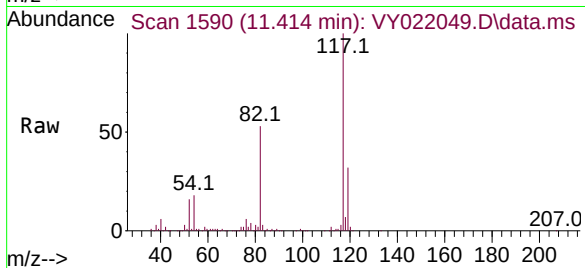
Tgt Ion:117 Resp: 409949

Ion Ratio Lower Upper

117 100

82 52.9 42.1 63.1

119 32.4 25.7 38.5



#64

Tetrachloroethene

Concen: 21.341 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Tgt Ion:164 Resp: 82533

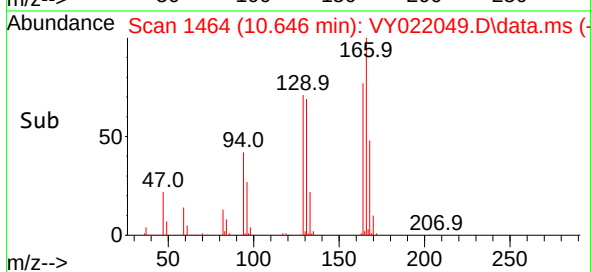
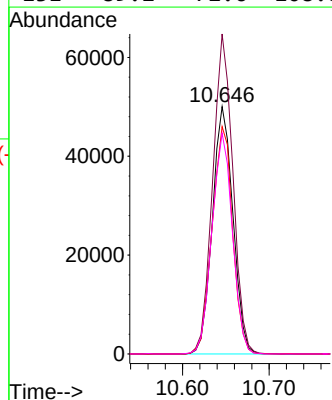
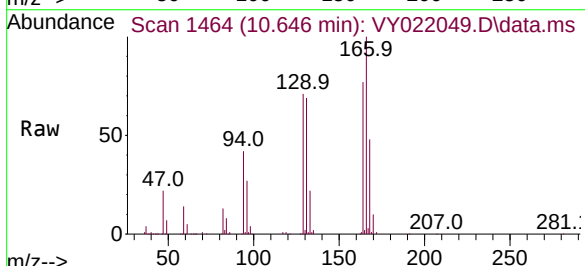
Ion Ratio Lower Upper

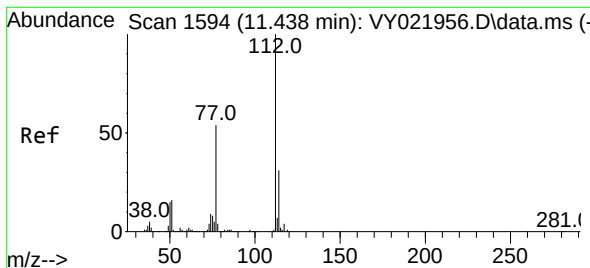
164 100

166 129.3 103.6 155.4

129 91.9 74.2 111.4

131 89.2 72.6 108.8

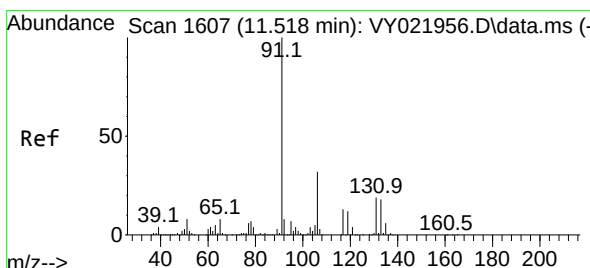
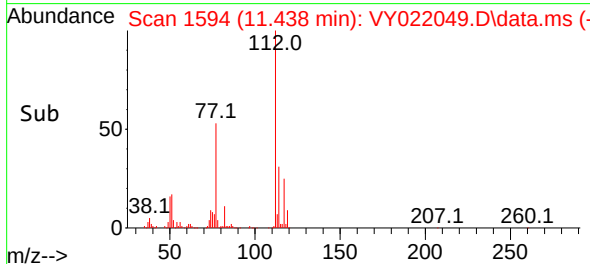
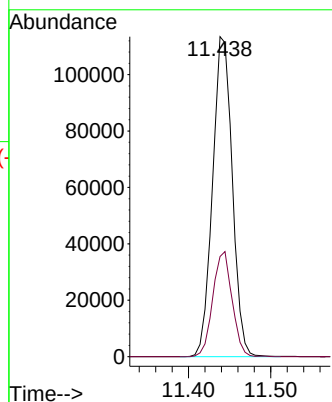
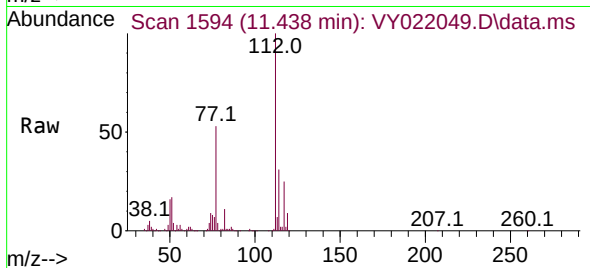




#65
Chlorobenzene
Concen: 20.626 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

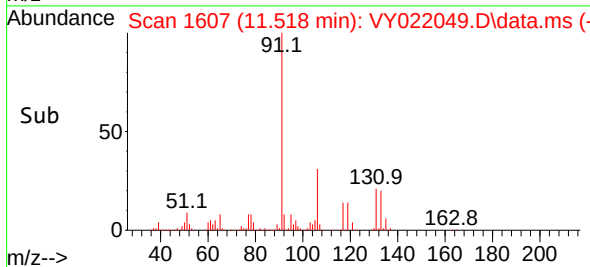
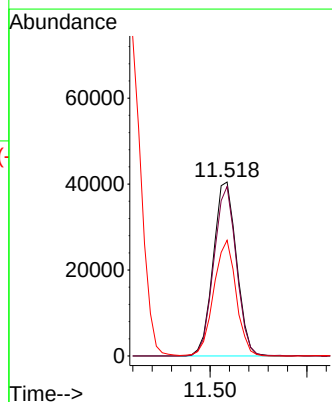
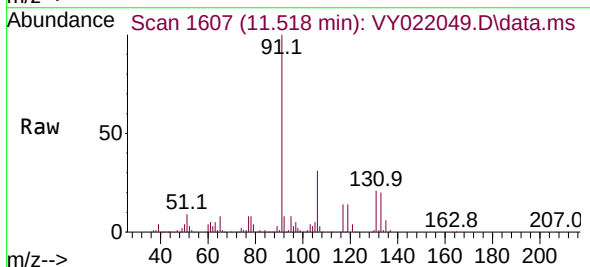
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

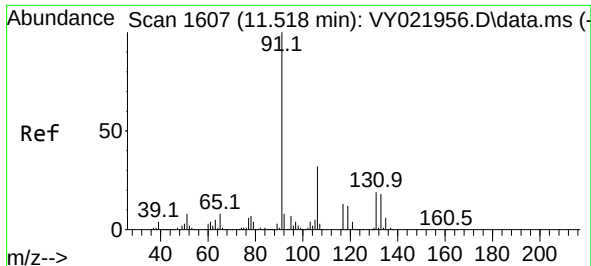
Tgt Ion:112 Resp: 189085
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.976 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion:131 Resp: 67699
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.3
119 64.1 32.4 97.0





#67

Ethyl Benzene

Concen: 20.051 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

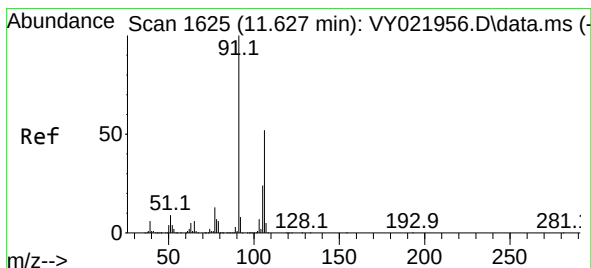
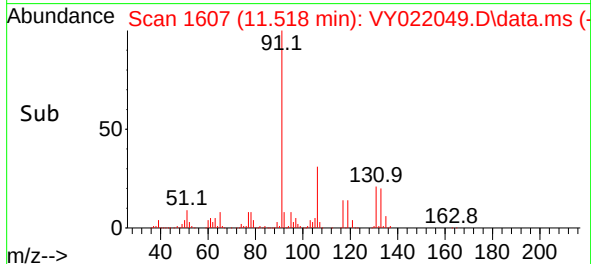
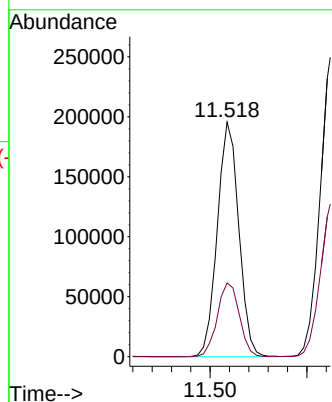
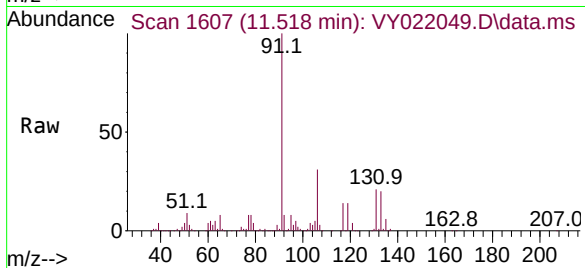
VY0429SBS01

Tgt Ion: 91 Resp: 300699

Ion Ratio Lower Upper

91 100

106 31.5 25.9 38.9



#68

m/p-Xylenes

Concen: 41.372 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022049.D

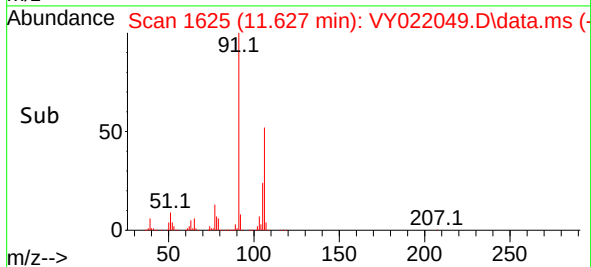
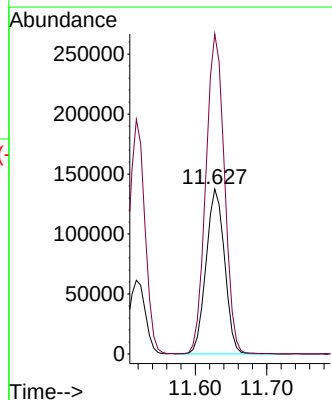
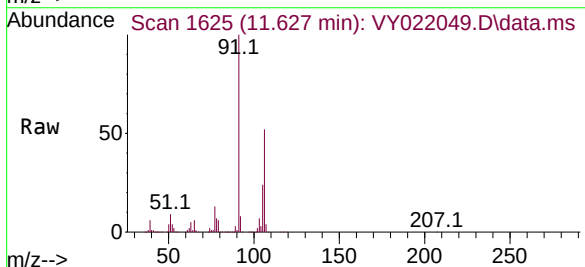
Acq: 29 Apr 2025 10:53

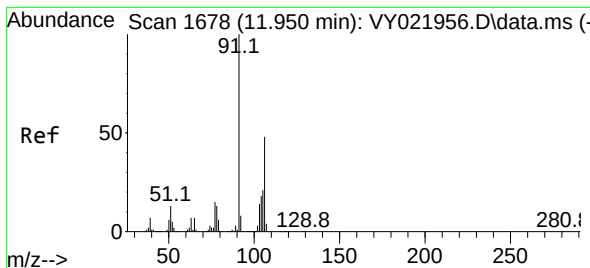
Tgt Ion:106 Resp: 246885

Ion Ratio Lower Upper

106 100

91 195.0 156.2 234.2

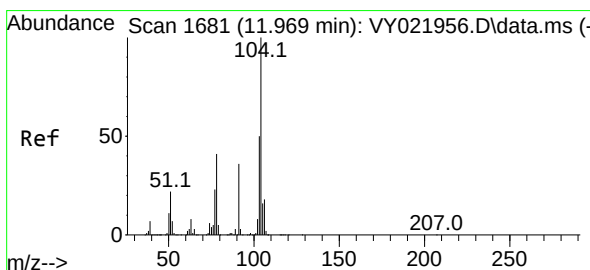
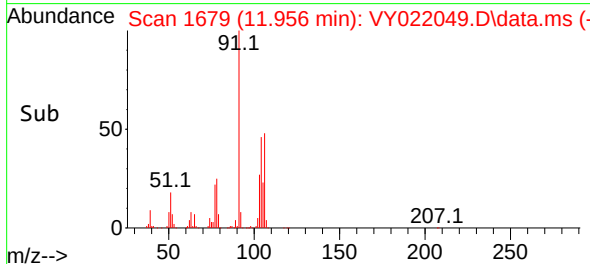
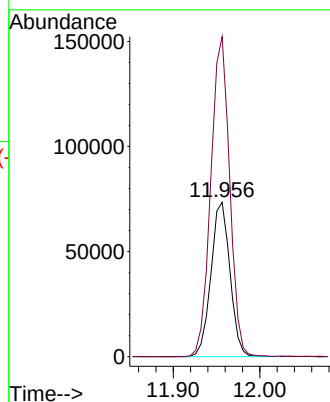
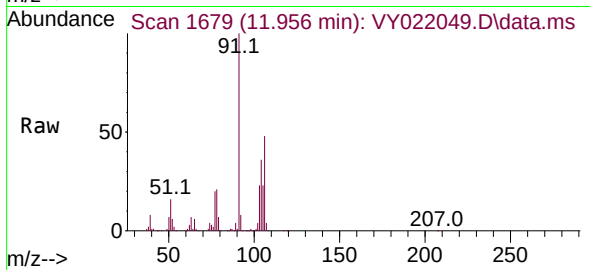




#69
o-Xylene
Concen: 20.384 ug/l
RT: 11.956 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

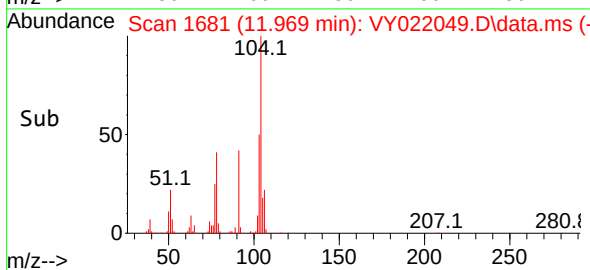
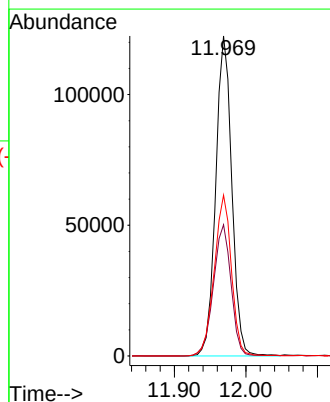
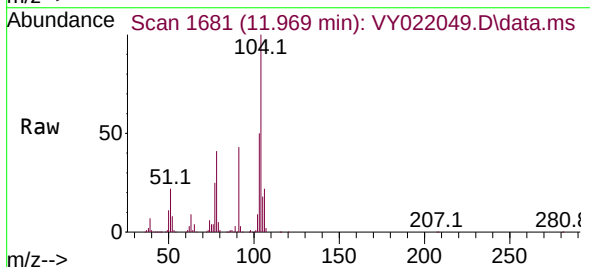
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBSD01

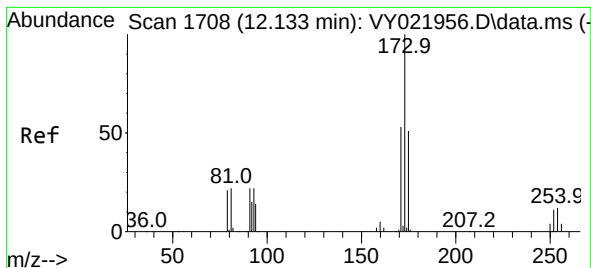
Tgt Ion:106 Resp: 112115
Ion Ratio Lower Upper
106 100
91 205.7 103.0 308.9



#70
Styrene
Concen: 20.688 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion:104 Resp: 191054
Ion Ratio Lower Upper
104 100
78 44.9 36.6 54.8
103 53.8 43.8 65.8





#71

Bromoform

Concen: 20.745 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBSD01

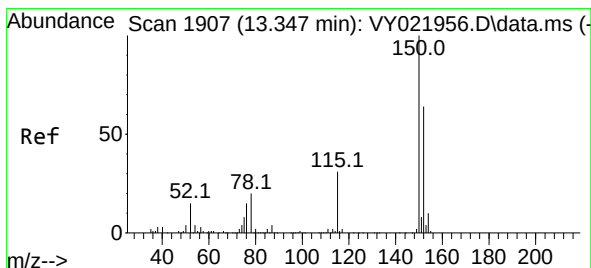
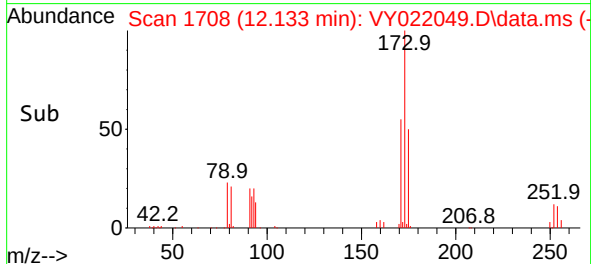
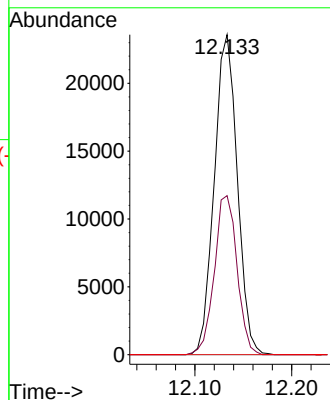
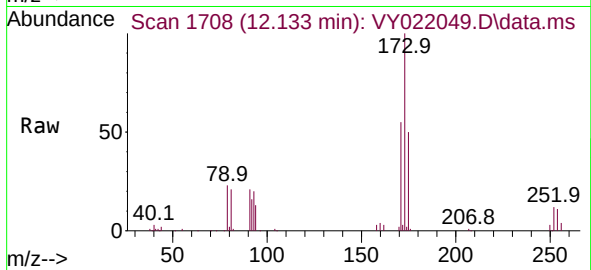
Tgt Ion:173 Resp: 38927

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

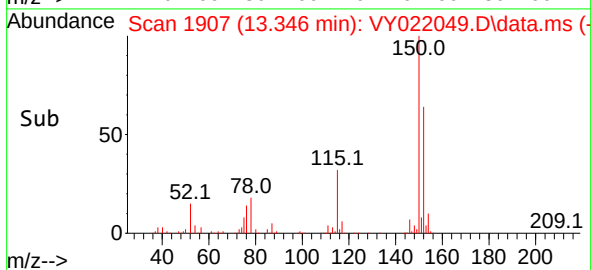
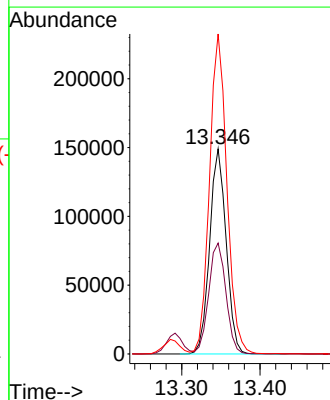
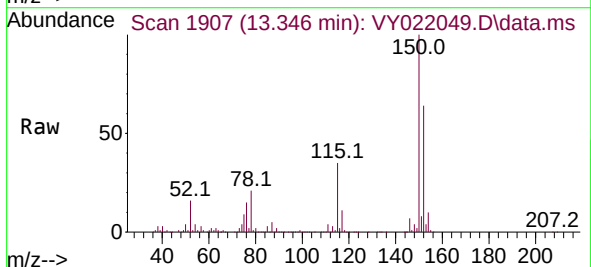
Tgt Ion:152 Resp: 218010

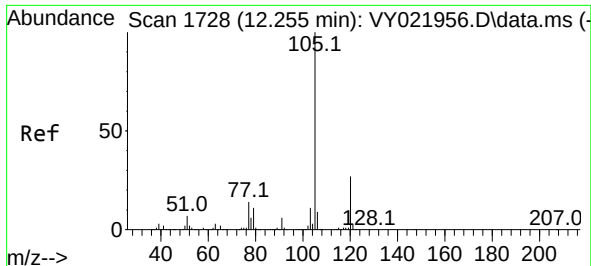
Ion Ratio Lower Upper

152 100

115 56.2 28.0 84.0

150 164.0 0.0 345.6

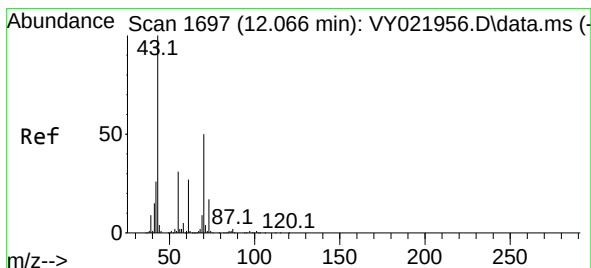
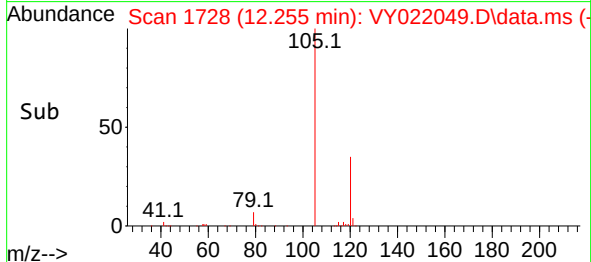
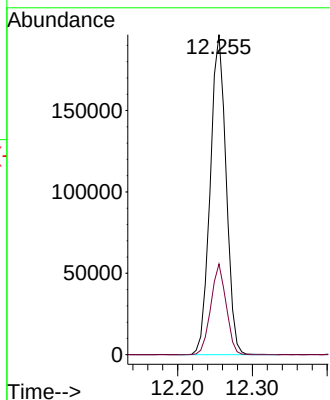
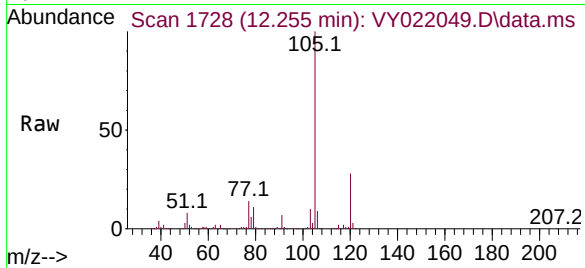




#73
Isopropylbenzene
Concen: 19.929 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

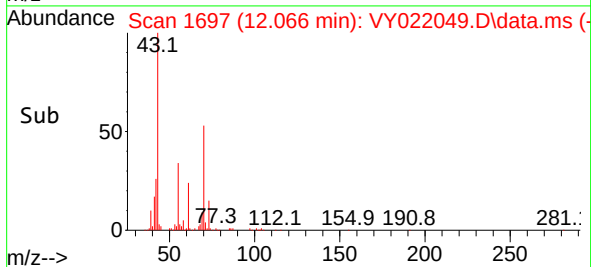
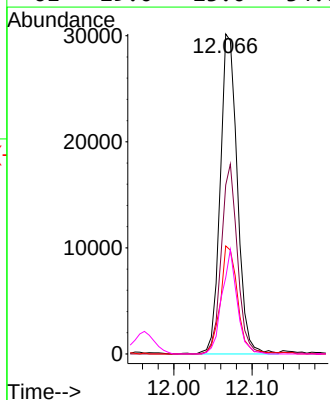
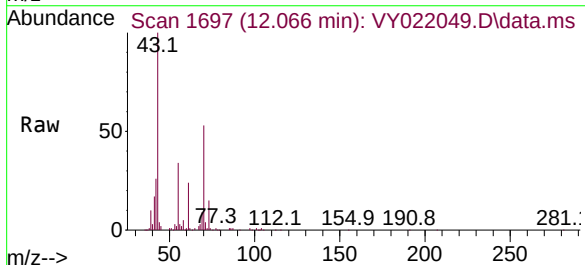
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBSD01

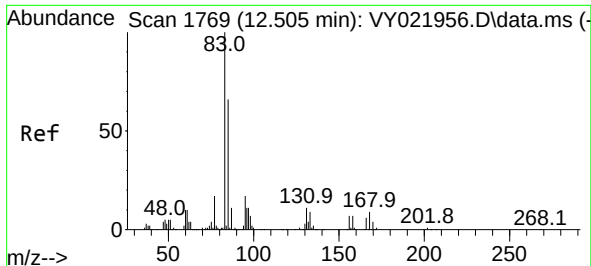
Tgt Ion:105 Resp: 290274
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5



#74
N-ethyl acetate
Concen: 18.331 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 43 Resp: 45873
Ion Ratio Lower Upper
43 100
70 56.1 43.2 64.8
55 33.9 25.7 38.5
61 29.0 23.0 34.6

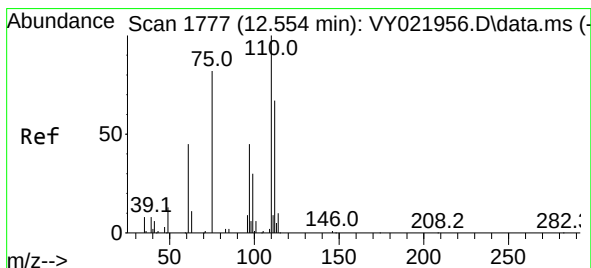
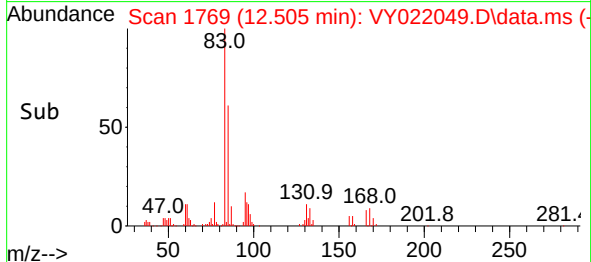
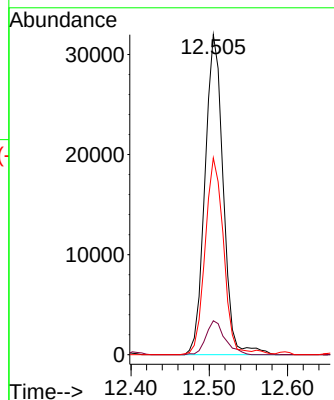
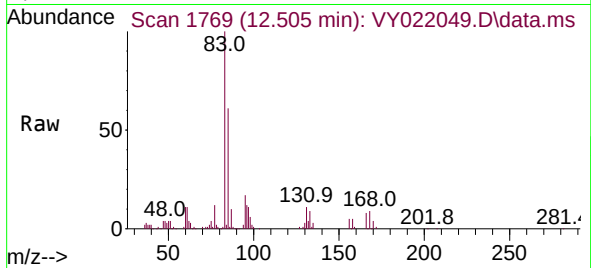




#75
1,1,2,2-Tetrachloroethane
Concen: 21.071 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

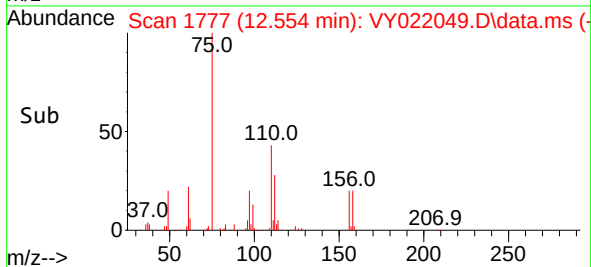
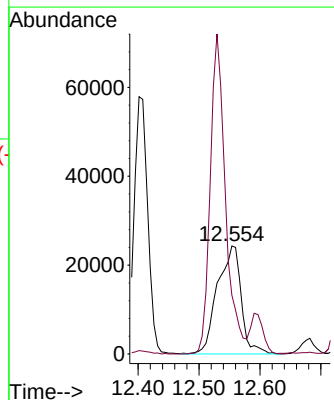
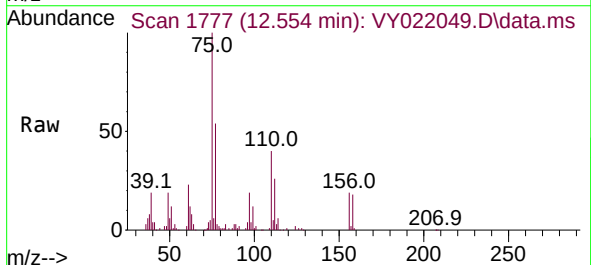
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBSD01

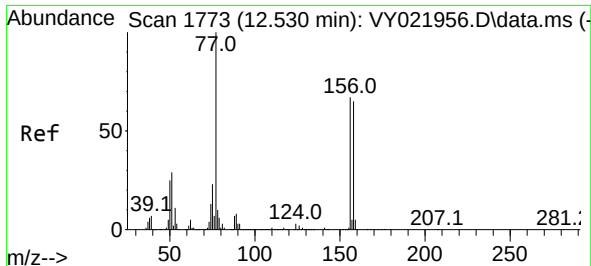
Tgt Ion: 83 Resp: 51744
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.4
85 61.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 35.288 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 75 Resp: 65896
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

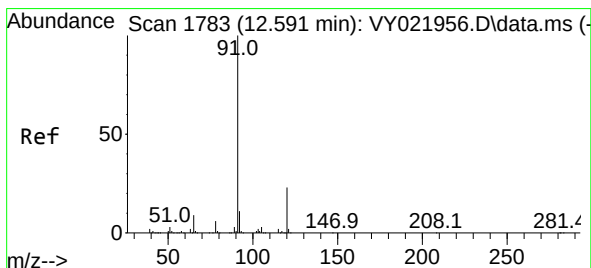
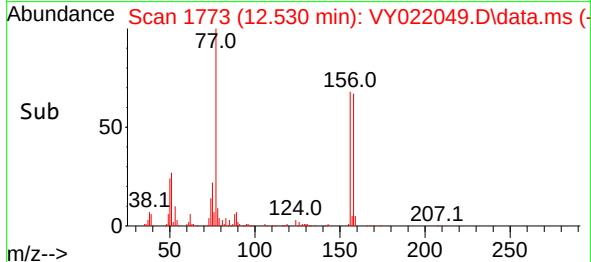
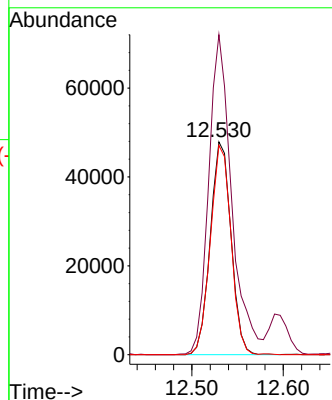
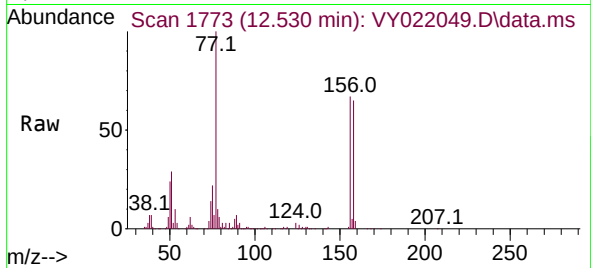




#77
Bromobenzene
Concen: 20.544 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

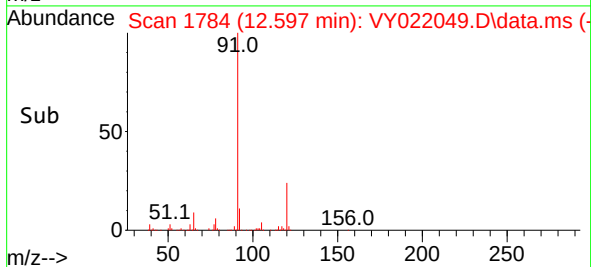
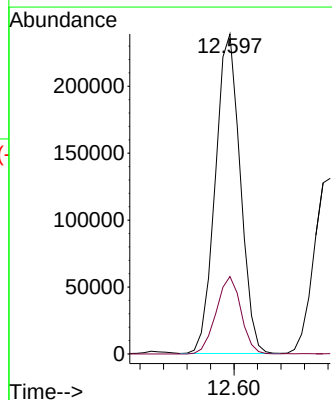
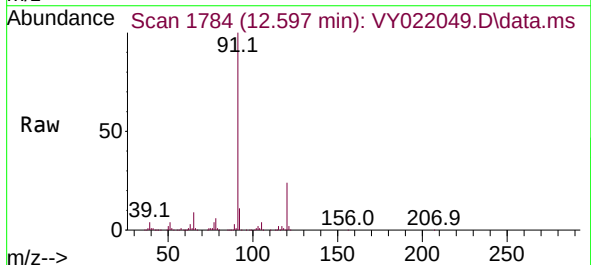
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBSD01

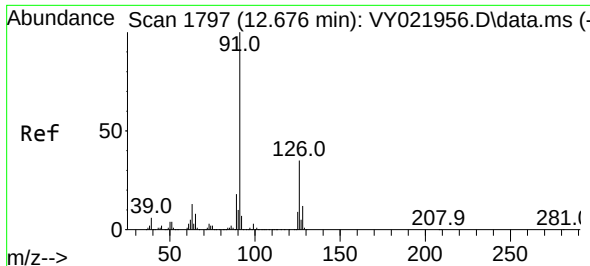
Tgt Ion:156 Resp: 75612
Ion Ratio Lower Upper
156 100
77 166.5 82.7 248.1
158 97.7 48.1 144.4



#78
n-propylbenzene
Concen: 20.274 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 91 Resp: 351661
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.322 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

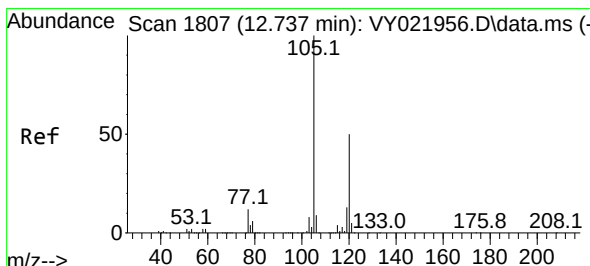
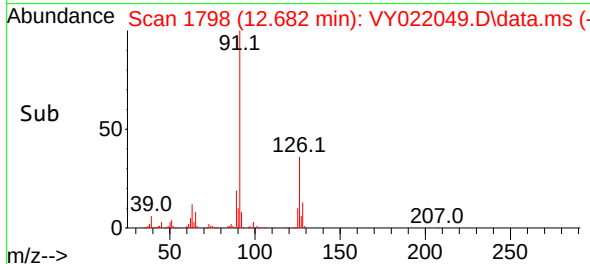
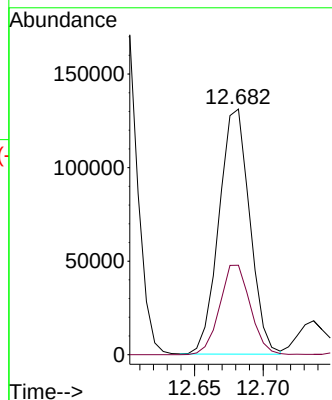
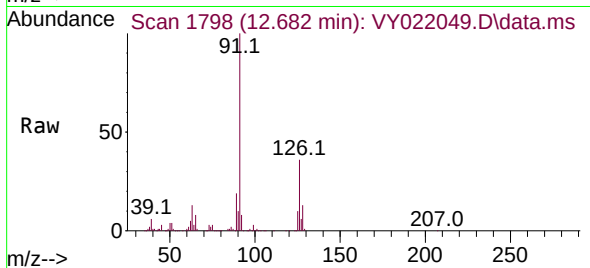
VY0429SBS01

Tgt Ion: 91 Resp: 204997

Ion Ratio Lower Upper

91 100

126 36.4 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 20.398 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022049.D

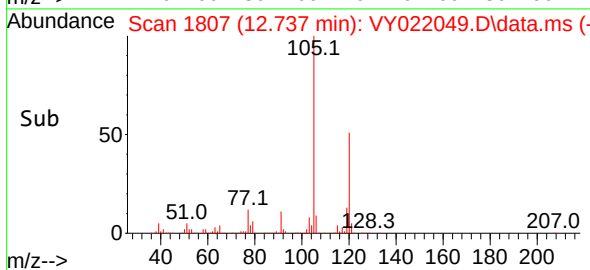
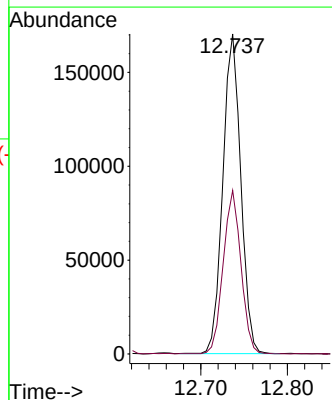
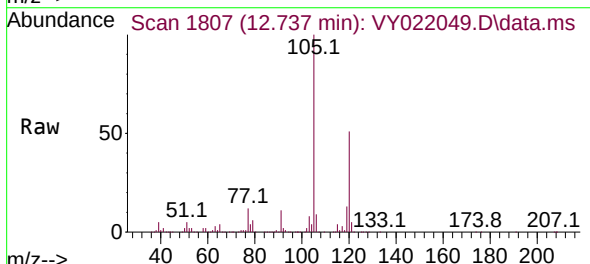
Acq: 29 Apr 2025 10:53

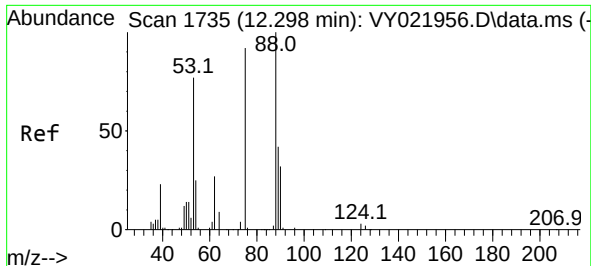
Tgt Ion: 105 Resp: 244799

Ion Ratio Lower Upper

105 100

120 50.8 25.0 75.0

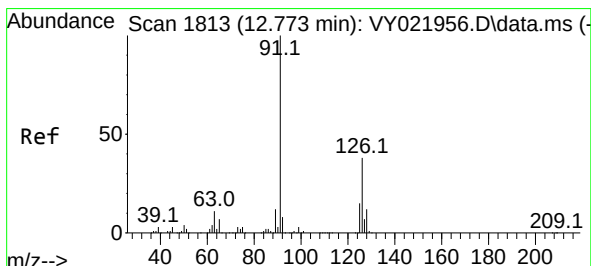
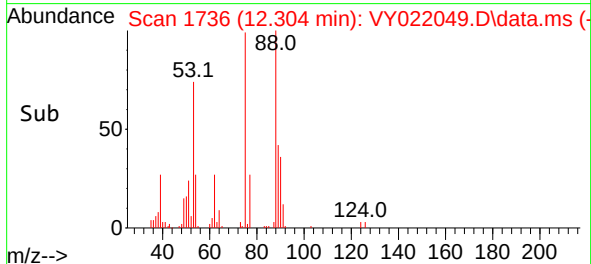
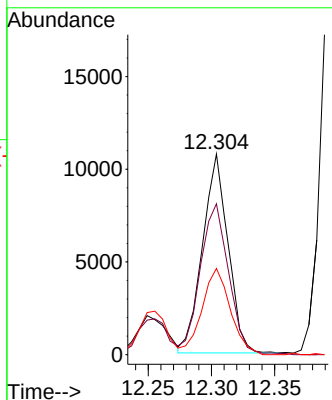
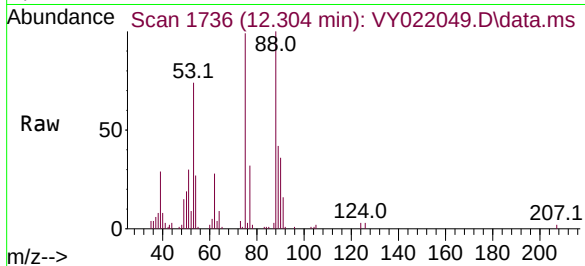




#81
trans-1,4-Dichloro-2-butene
Concen: 19.399 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

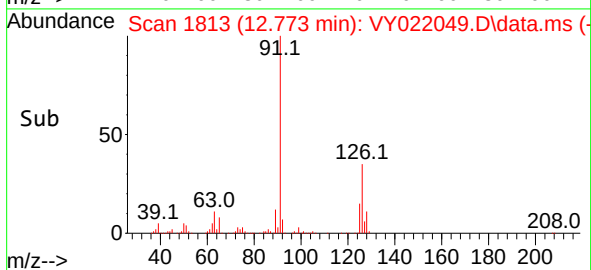
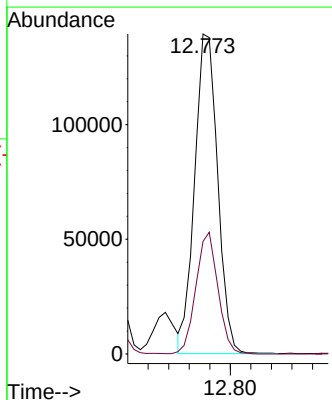
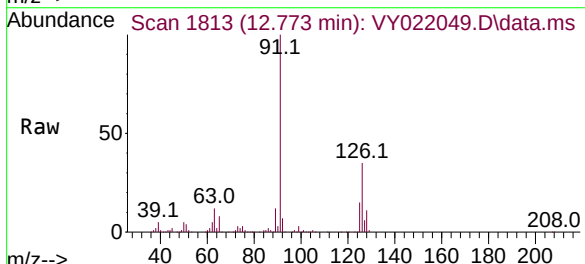
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

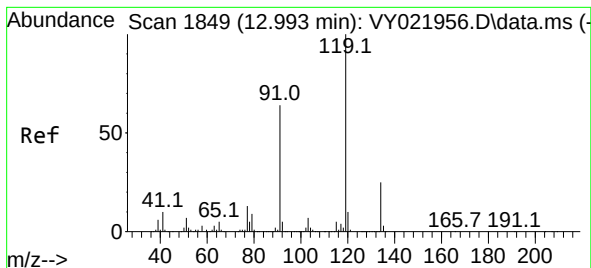
Tgt Ion: 75 Resp: 15043
Ion Ratio Lower Upper
75 100
53 84.8 66.0 99.0
89 48.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.674 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion: 91 Resp: 216790
Ion Ratio Lower Upper
91 100
126 36.5 17.9 53.8





#83

tert-Butylbenzene

Concen: 20.159 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

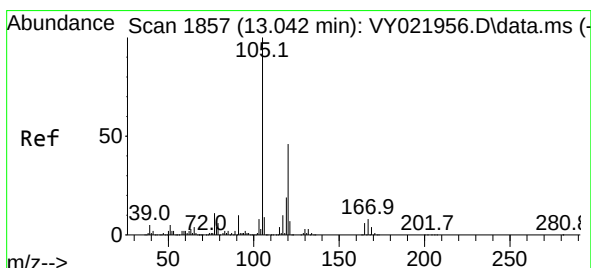
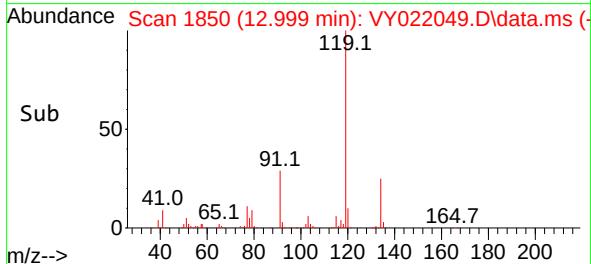
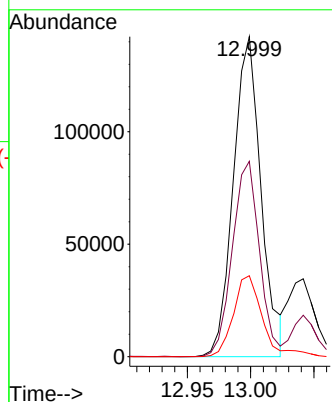
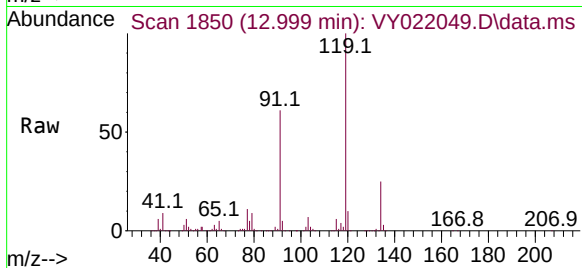
Tgt Ion:119 Resp: 216972

Ion Ratio Lower Upper

119 100

91 59.8 30.3 90.9

134 26.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.595 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022049.D

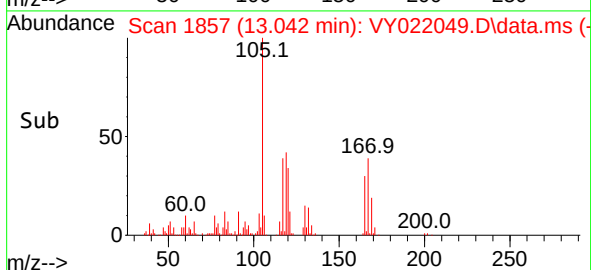
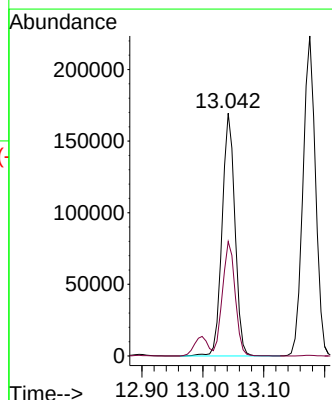
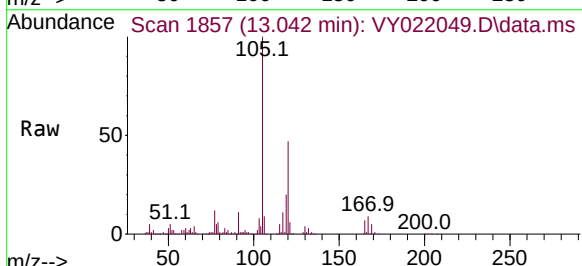
Acq: 29 Apr 2025 10:53

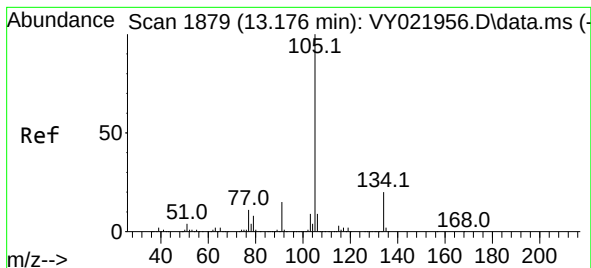
Tgt Ion:105 Resp: 247217

Ion Ratio Lower Upper

105 100

120 46.6 23.4 70.0





#85

sec-Butylbenzene

Concen: 20.253 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

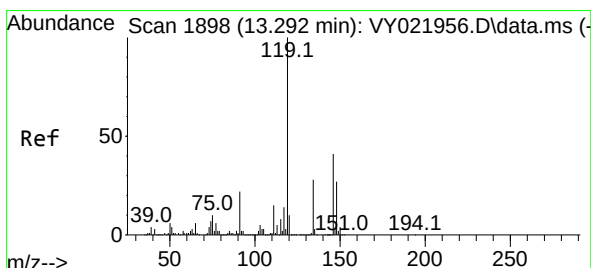
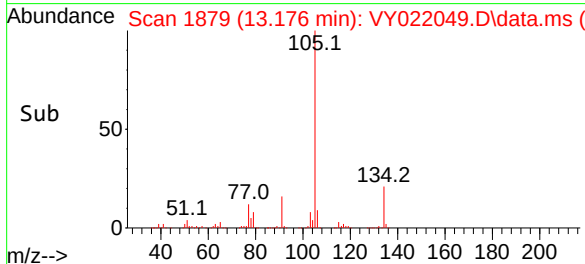
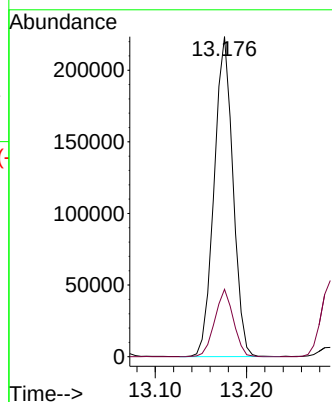
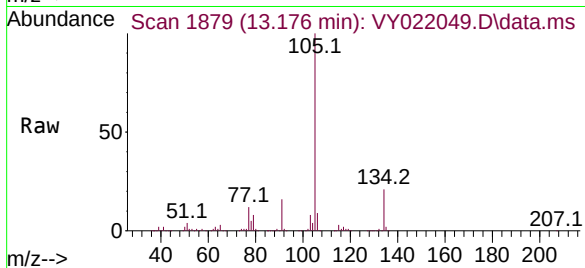
VY0429SBS01

Tgt Ion:105 Resp: 318982

Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.9



#86

p-Isopropyltoluene

Concen: 20.146 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

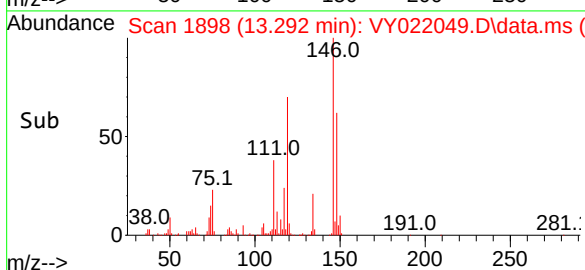
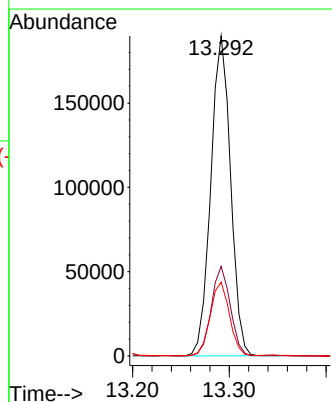
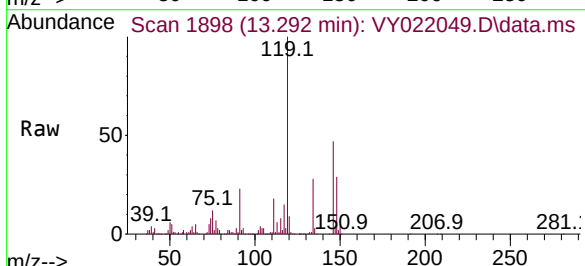
Tgt Ion:119 Resp: 269435

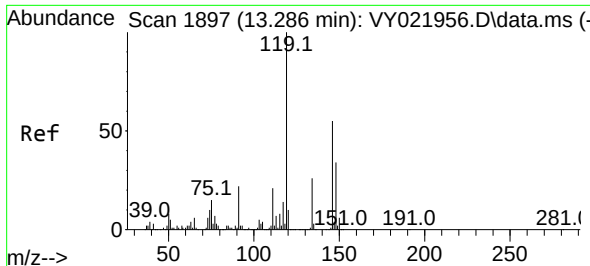
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.4 11.0 33.0

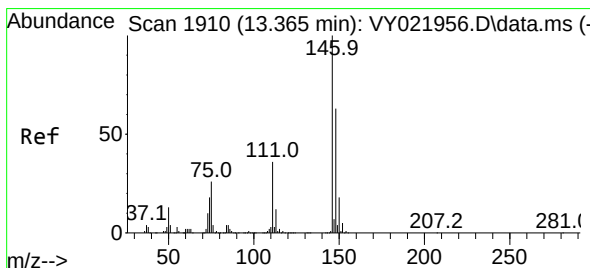
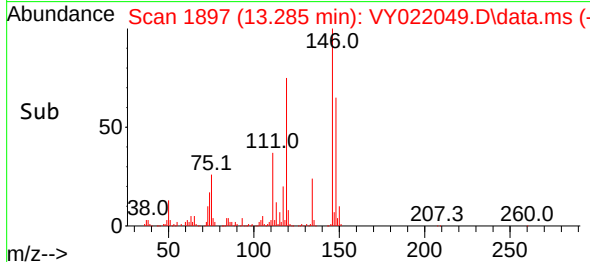
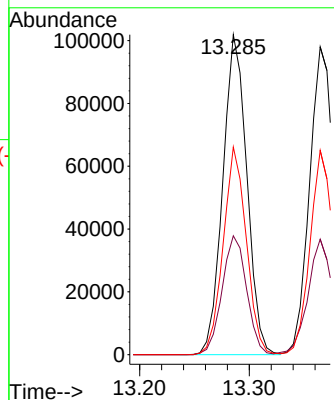
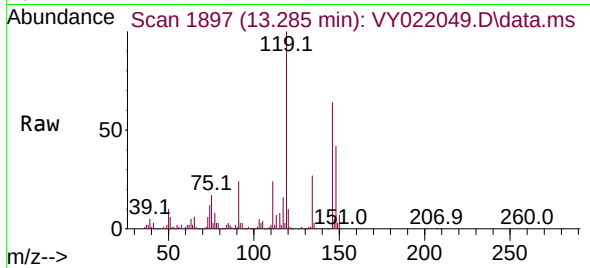




#87
1,3-Dichlorobenzene
Concen: 20.762 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

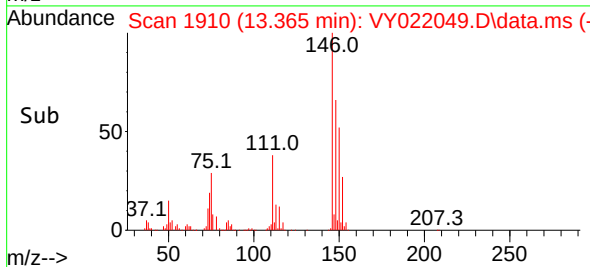
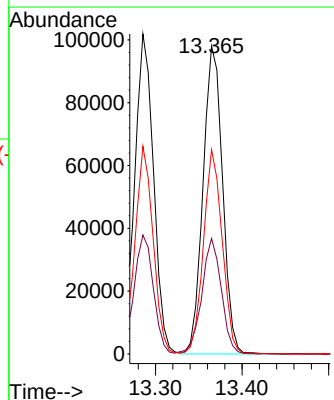
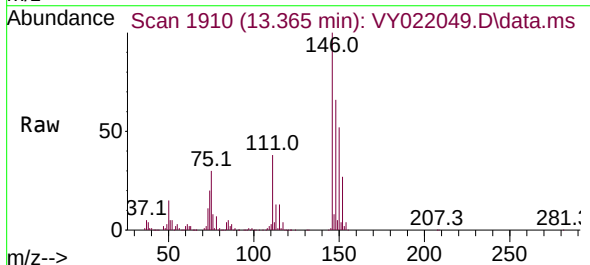
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

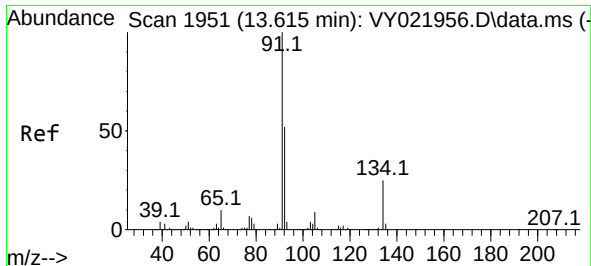
Tgt Ion:146 Resp: 155202
Ion Ratio Lower Upper
146 100
111 37.9 19.1 57.5
148 62.5 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 20.735 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion:146 Resp: 153508
Ion Ratio Lower Upper
146 100
111 37.5 19.2 57.6
148 63.7 32.0 96.0





#89

n-Butylbenzene

Concen: 19.355 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

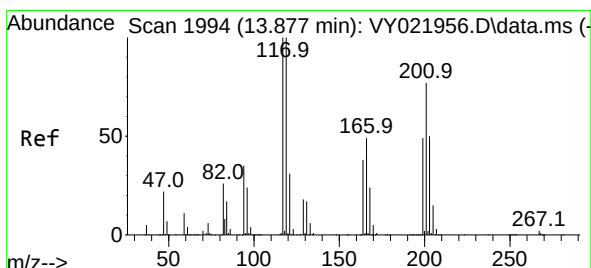
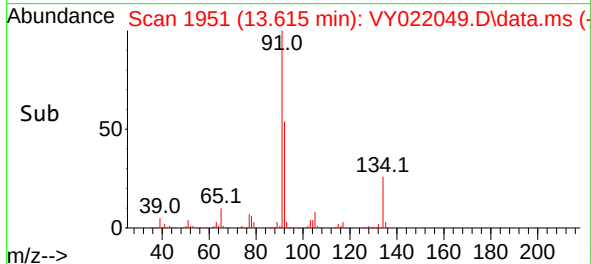
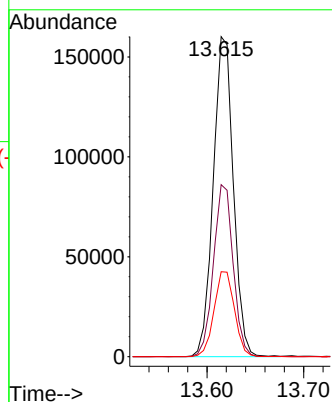
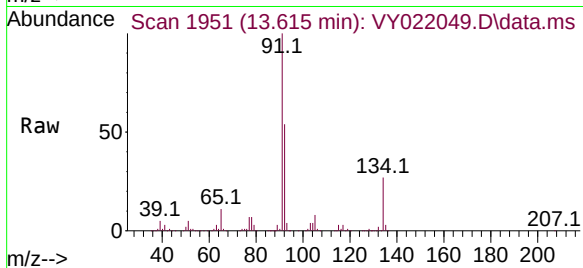
Tgt Ion: 91 Resp: 231371

Ion Ratio Lower Upper

91 100

92 52.7 26.5 79.5

134 27.0 13.4 40.1



#90

Hexachloroethane

Concen: 20.159 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022049.D

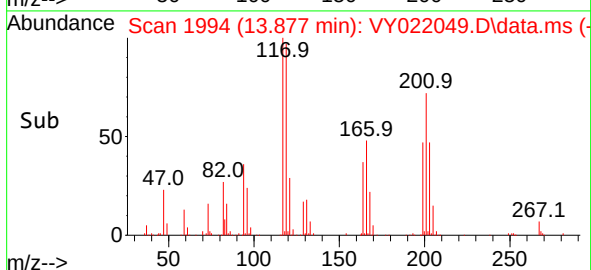
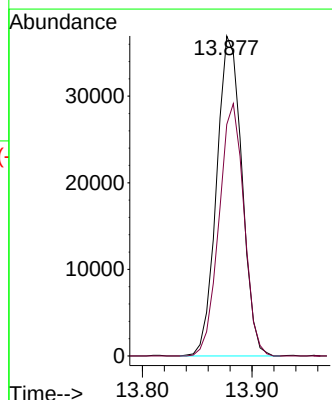
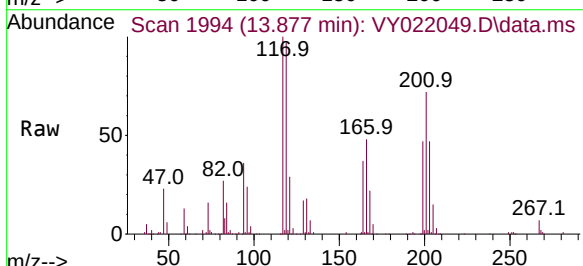
Acq: 29 Apr 2025 10:53

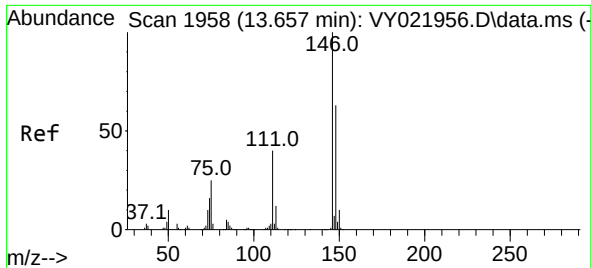
Tgt Ion: 117 Resp: 59236

Ion Ratio Lower Upper

117 100

201 77.7 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 20.496 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

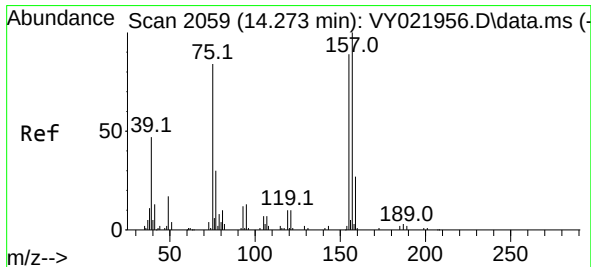
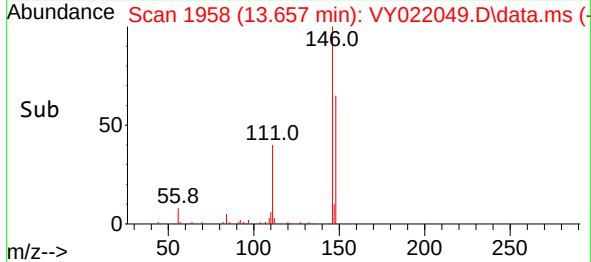
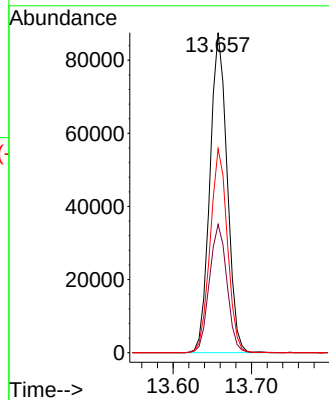
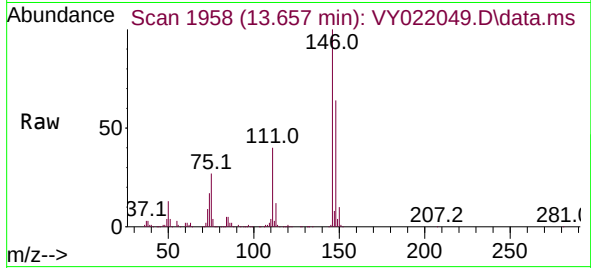
Tgt Ion:146 Resp: 133628

Ion Ratio Lower Upper

146 100

111 40.7 19.7 59.1

148 63.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.035 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

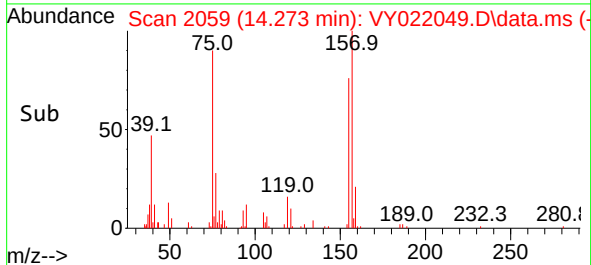
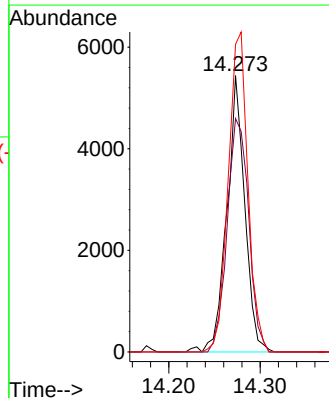
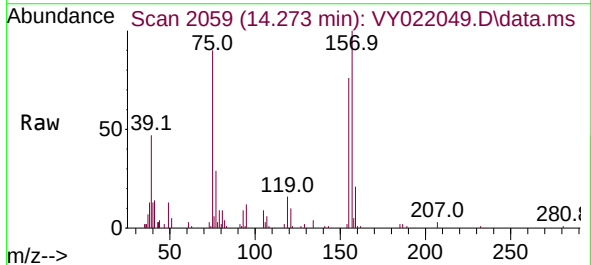
Tgt Ion: 75 Resp: 7437

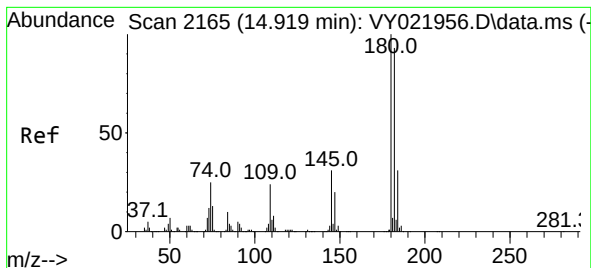
Ion Ratio Lower Upper

75 100

155 100.7 50.7 152.3

157 126.6 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 19.645 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBS01

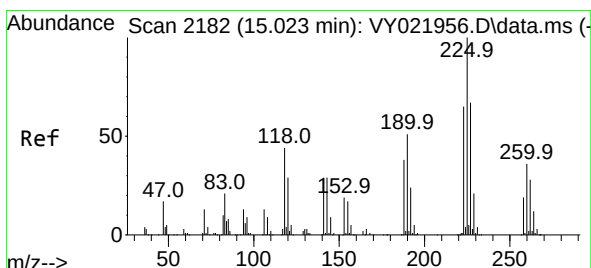
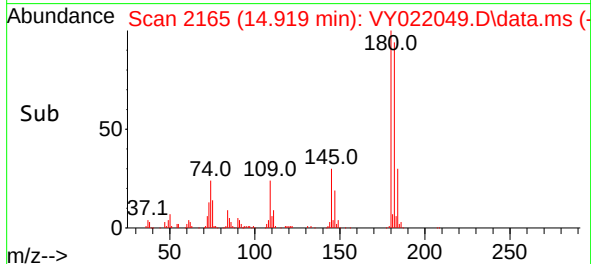
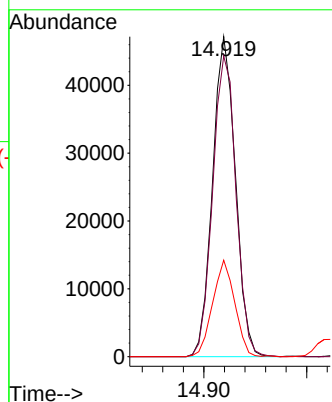
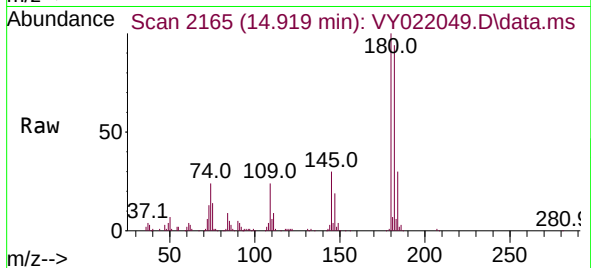
Tgt Ion:180 Resp: 72581

Ion Ratio Lower Upper

180 100

182 96.2 47.1 141.4

145 29.3 15.0 45.0



#94

Hexachlorobutadiene

Concen: 20.788 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022049.D

Acq: 29 Apr 2025 10:53

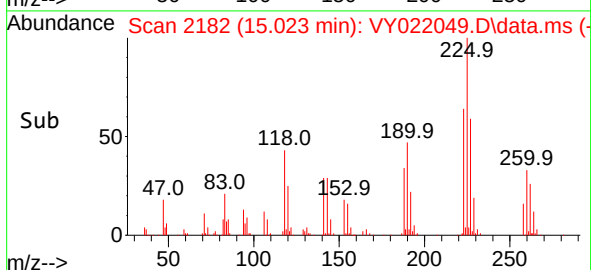
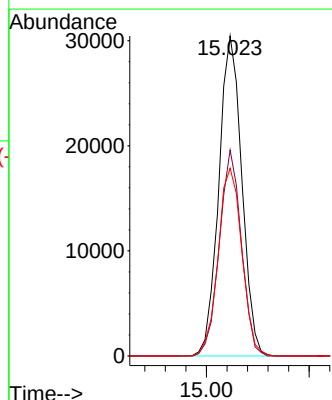
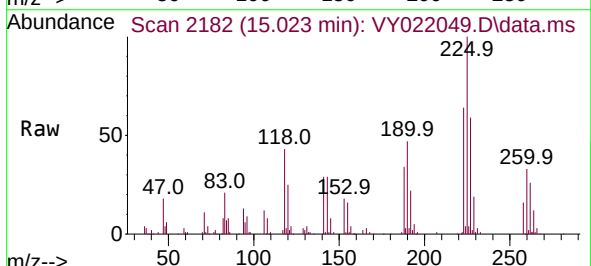
Tgt Ion:225 Resp: 47255

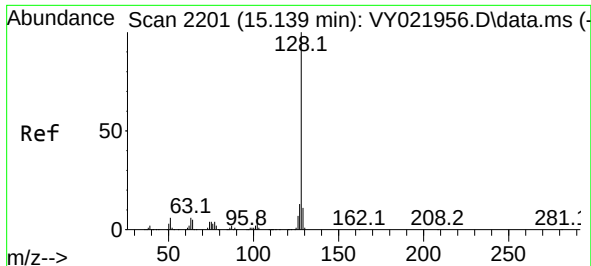
Ion Ratio Lower Upper

225 100

223 61.4 31.9 95.5

227 60.5 32.3 96.9

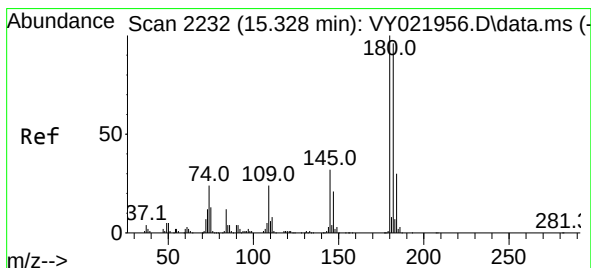
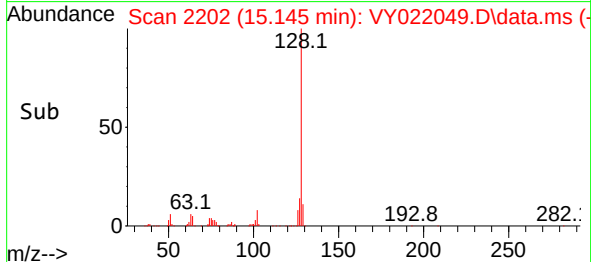
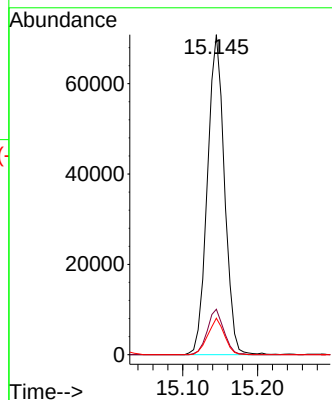
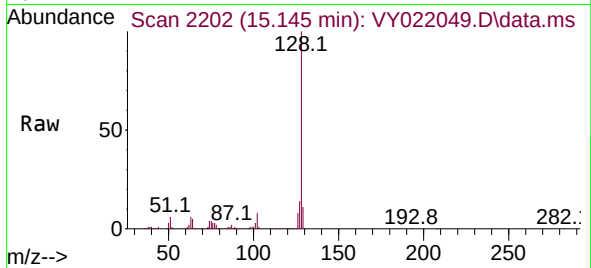




#95
Naphthalene
Concen: 18.277 ug/l
RT: 15.145 min Scan# 211
Delta R.T. 0.006 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBS01

Tgt Ion:128 Resp: 112172
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.092 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022049.D
Acq: 29 Apr 2025 10:53

Tgt Ion:180 Resp: 64078
Ion Ratio Lower Upper
180 100
182 94.8 48.1 144.4
145 31.2 16.0 48.0

