

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022024.D
 Acq On : 28 Apr 2025 12:02
 Operator : SY/MD
 Sample : VY0428SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

Quant Time: Apr 29 03:52:46 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	304169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	466723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	430101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	228742	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	134757	47.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.920%
35) Dibromofluoromethane	7.634	113	154321	50.049	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.100%
50) Toluene-d8	10.109	98	584198	50.256	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.408	95	190988	48.805	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	50071	19.319	ug/l	99
3) Chloromethane	2.068	50	75523	20.464	ug/l	99
4) Vinyl Chloride	2.202	62	89253	19.681	ug/l	99
5) Bromomethane	2.592	94	78860	20.184	ug/l	98
6) Chloroethane	2.733	64	59730	19.339	ug/l	100
7) Trichlorofluoromethane	3.056	101	116596	19.497	ug/l	99
8) Diethyl Ether	3.458	74	29171	18.741	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	64955	20.023	ug/l	99
10) Methyl Iodide	4.007	142	75267	20.039	ug/l	99
11) Tert butyl alcohol	4.891	59	14577	94.507	ug/l	97
12) 1,1-Dichloroethene	3.787	96	59292	19.609	ug/l	97
13) Acrolein	3.653	56	22266	80.430	ug/l	98
14) Allyl chloride	4.385	41	67052	19.044	ug/l	99
15) Acrylonitrile	5.062	53	53919	94.624	ug/l	99
16) Acetone	3.879	43	38691	91.684	ug/l	93
17) Carbon Disulfide	4.104	76	188646	19.567	ug/l	100
18) Methyl Acetate	4.385	43	26710	20.352	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	128448	18.979	ug/l	96
20) Methylene Chloride	4.616	84	69565	19.581	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	67846	20.035	ug/l	98
22) Diisopropyl ether	6.019	45	155156	19.802	ug/l	95
23) Vinyl Acetate	5.958	43	405051	95.923	ug/l	99
24) 1,1-Dichloroethane	5.909	63	107232	19.744	ug/l	97
25) 2-Butanone	6.897	43	58420	91.221	ug/l	97
26) 2,2-Dichloropropane	6.884	77	95545	20.072	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	74270	19.614	ug/l	99
28) Bromochloromethane	7.244	49	40803	19.342	ug/l	97
29) Tetrahydrofuran	7.268	42	39499	94.962	ug/l	99
30) Chloroform	7.421	83	123555	20.510	ug/l	99
31) Cyclohexane	7.701	56	87525	18.845	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	109955	20.174	ug/l	99
36) 1,1-Dichloropropene	7.835	75	84266	20.345	ug/l	99
37) Ethyl Acetate	6.988	43	30066	20.212	ug/l	97
38) Carbon Tetrachloride	7.817	117	98021	19.805	ug/l	96
39) Methylcyclohexane	9.110	83	96942	18.599	ug/l	94
40) Benzene	8.079	78	264687	20.443	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	14950	18.385	ug/l #	94
42) 1,2-Dichloroethane	8.159	62	65978	20.582	ug/l	100
43) Isopropyl Acetate	8.201	43	55391	19.390	ug/l #	85
44) Trichloroethene	8.866	130	73456	20.483	ug/l	96
45) 1,2-Dichloropropane	9.140	63	57855	20.206	ug/l	99
46) Dibromomethane	9.232	93	36507	20.368	ug/l	99
47) Bromodichloromethane	9.427	83	91869	20.518	ug/l	98
48) Methyl methacrylate	9.219	41	24736	18.731	ug/l	96
49) 1,4-Dioxane	9.244	88	7623	399.035	ug/l	97
51) 4-Methyl-2-Pentanone	10.000	43	144427	96.444	ug/l	100
52) Toluene	10.170	92	173484	20.700	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	76364	19.883	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	91935	20.137	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	50233	20.981	ug/l	98
56) Ethyl methacrylate	10.439	69	50325	18.381	ug/l	97
57) 1,3-Dichloropropane	10.719	76	77135	20.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	127764	95.443	ug/l	98
59) 2-Hexanone	10.762	43	94218	95.387	ug/l	97
60) Dibromochloromethane	10.908	129	67301	20.304	ug/l	100
61) 1,2-Dibromoethane	11.012	107	46692	20.658	ug/l	97
64) Tetrachloroethene	10.646	164	83023	20.462	ug/l	98
65) Chlorobenzene	11.445	112	191323	19.892	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	69613	20.558	ug/l	99
67) Ethyl Benzene	11.518	91	310207	19.716	ug/l	99
68) m/p-Xylenes	11.627	106	253033	40.415	ug/l	99
69) o-Xylene	11.957	106	114827	19.899	ug/l	100
70) Styrene	11.969	104	195808	20.210	ug/l	100
71) Bromoform	12.133	173	40476	20.560	ug/l #	100
73) Isopropylbenzene	12.255	105	298757	19.549	ug/l	99
74) N-amyl acetate	12.072	43	47258	17.999	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	50760	19.701	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	64954	33.152	ug/l #	100
77) Bromobenzene	12.530	156	78665	20.371	ug/l	97
78) n-propylbenzene	12.597	91	361182	19.846	ug/l	100
79) 2-Chlorotoluene	12.682	91	209164	19.762	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	249733	19.833	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	15459	19.001	ug/l	99
82) 4-Chlorotoluene	12.780	91	223135	20.280	ug/l	100
83) tert-Butylbenzene	12.999	119	219359	19.424	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	251831	19.995	ug/l	100
85) sec-Butylbenzene	13.176	105	324017	19.608	ug/l	99
86) p-Isopropyltoluene	13.292	119	277280	19.760	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	157100	20.030	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	158444	20.398	ug/l	99
89) n-Butylbenzene	13.615	91	237857	18.964	ug/l	99
90) Hexachloroethane	13.877	117	60454	19.609	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	137294	20.070	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7886	19.238	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	74907	19.324	ug/l	99
94) Hexachlorobutadiene	15.023	225	48192	20.206	ug/l	96
95) Naphthalene	15.145	128	113791	17.671	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	65284	19.510	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

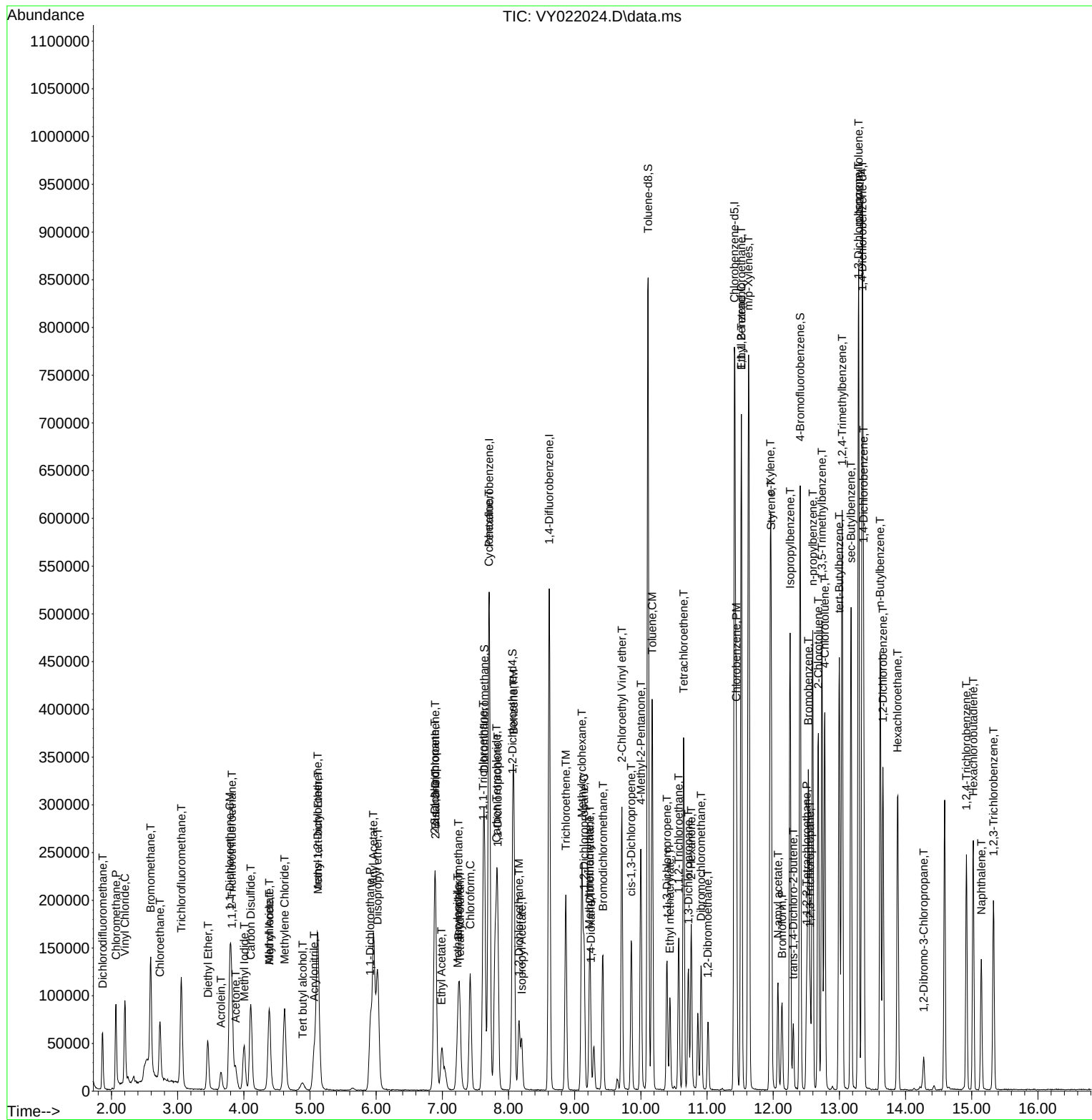
Quant Time: Apr 29 03:52:46 2025
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QLast Update : Wed Apr 23 02:30:30 2025
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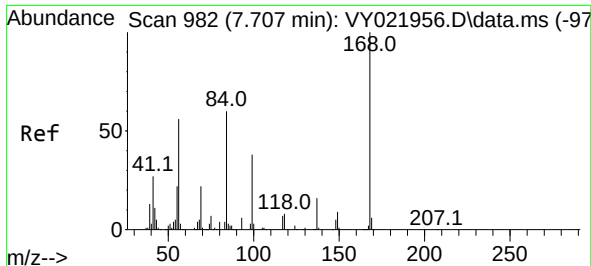
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

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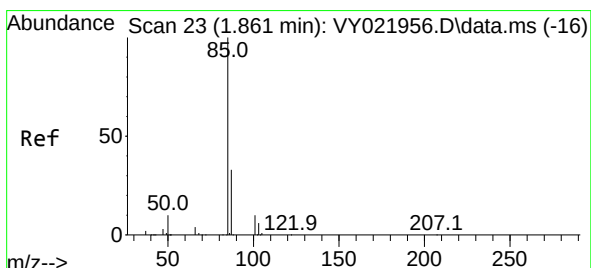
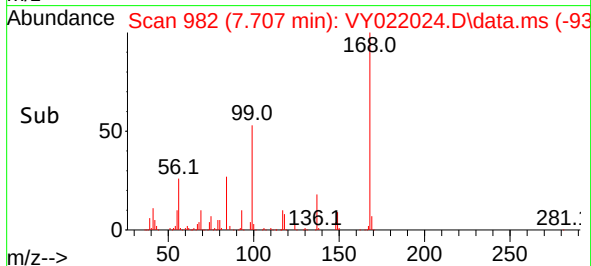
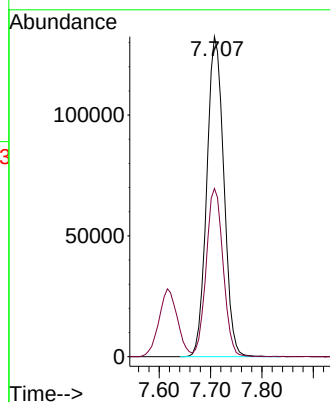
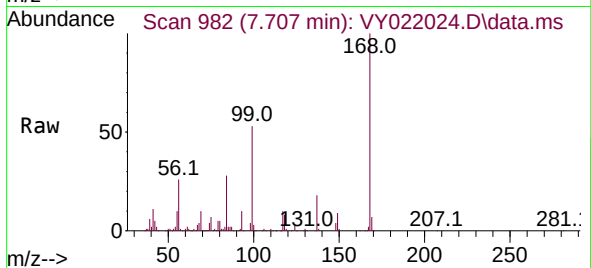




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022024.D
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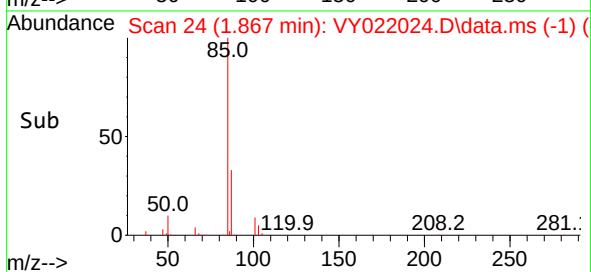
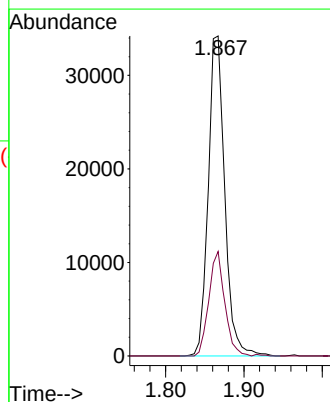
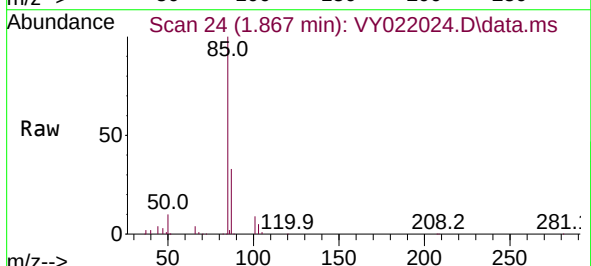
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

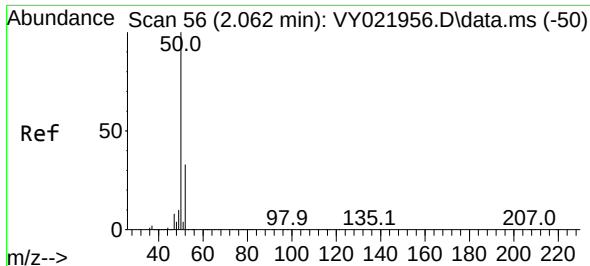
Tgt Ion:168 Resp: 304169
Ion Ratio Lower Upper
168 100
99 52.5 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 19.319 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 85 Resp: 50071
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.7

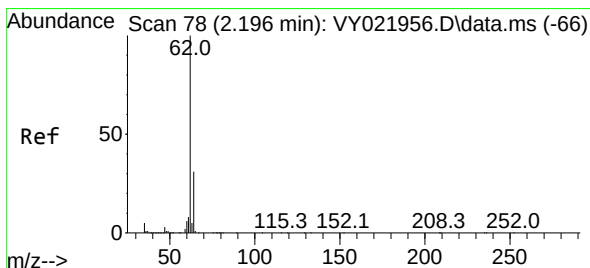
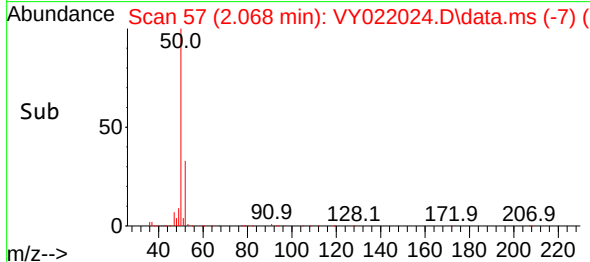
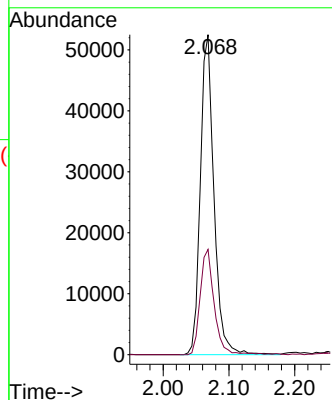
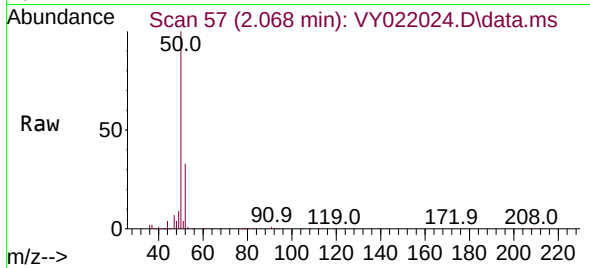




#3
Chloromethane
Concen: 20.464 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

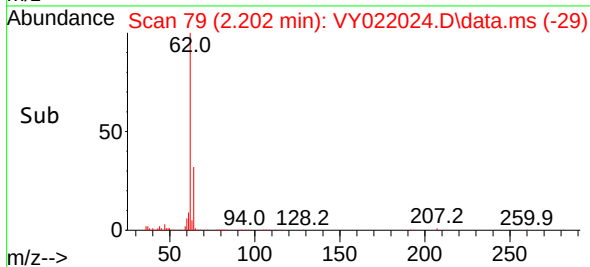
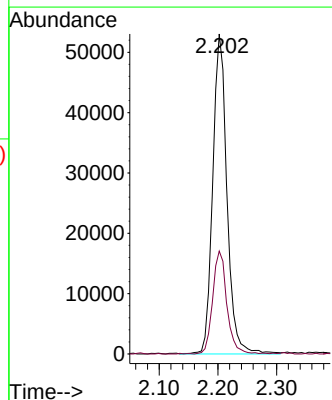
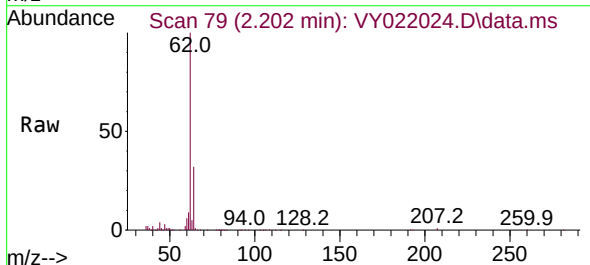
Instrument :
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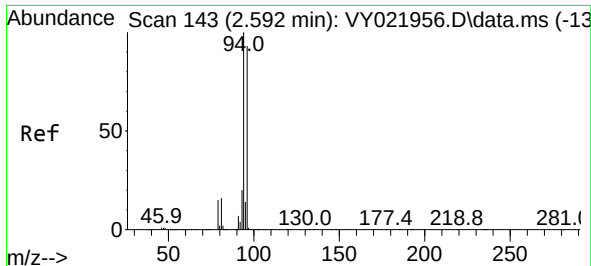
Tgt Ion: 50 Resp: 75523
Ion Ratio Lower Upper
50 100
52 32.9 26.1 39.1



#4
Vinyl Chloride
Concen: 19.681 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 62 Resp: 89253
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7

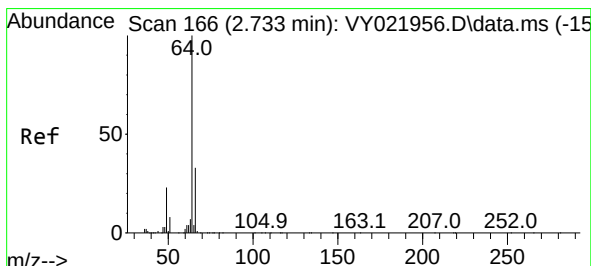
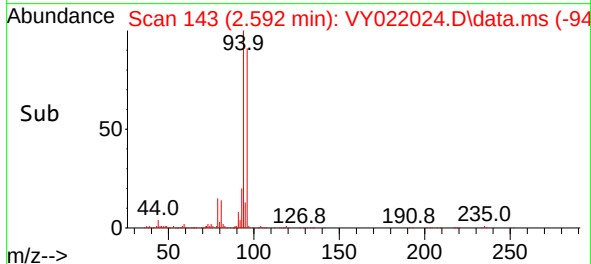
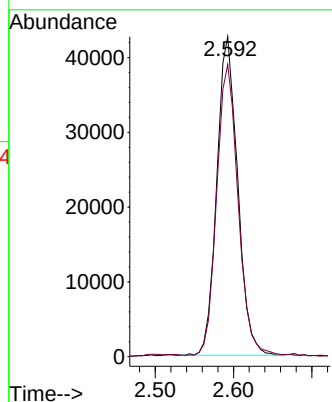
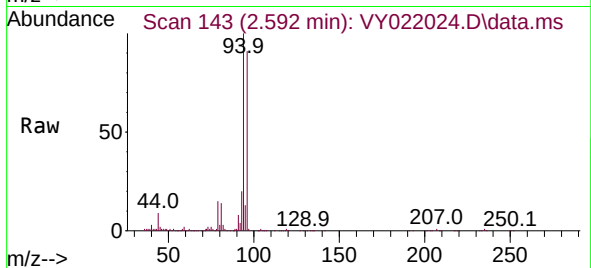




#5
Bromomethane
Concen: 20.184 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

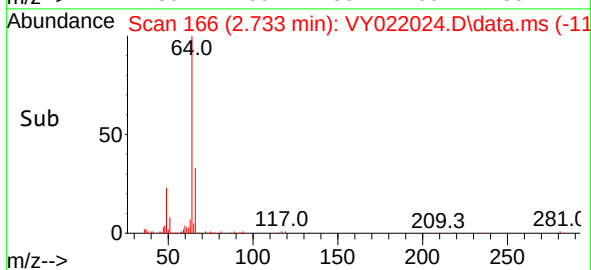
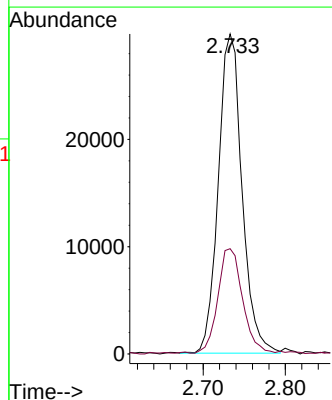
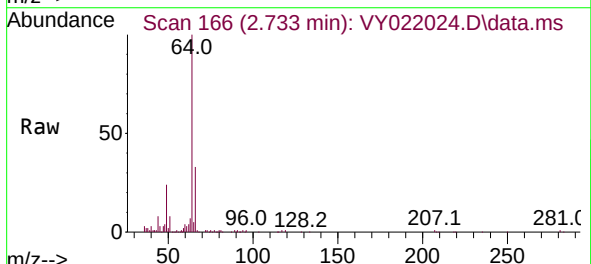
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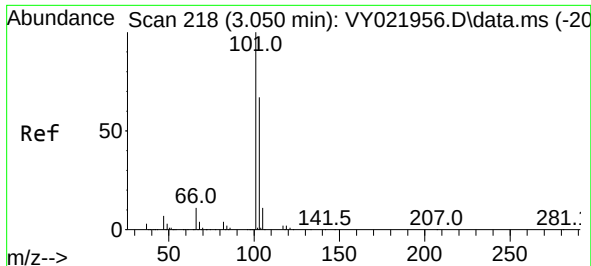
Tgt Ion: 94 Resp: 78860
Ion Ratio Lower Upper
94 100
96 91.1 74.6 111.8



#6
Chloroethane
Concen: 19.339 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 64 Resp: 59730
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4

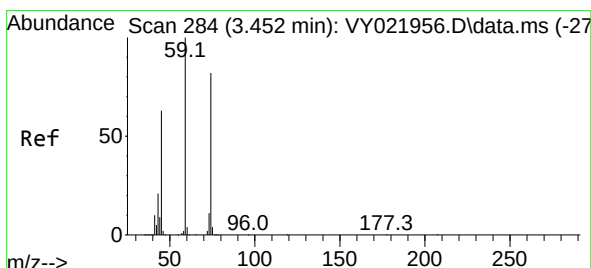
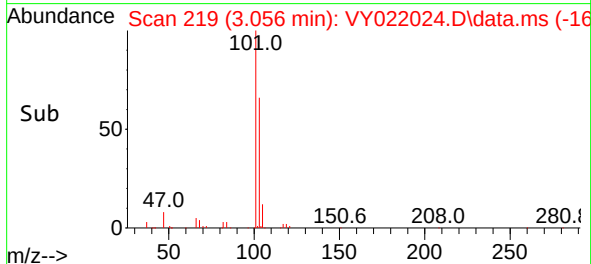
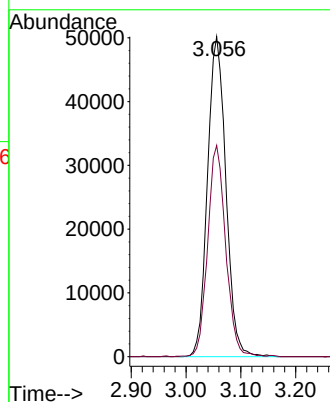
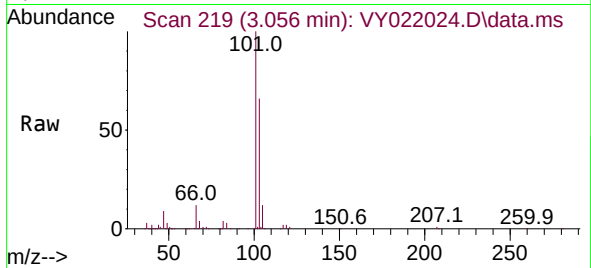




#7
 Trichlorofluoromethane
 Concen: 19.497 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022024.D
 Acq: 28 Apr 2025 12:02

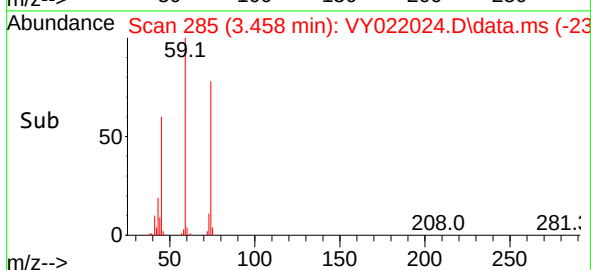
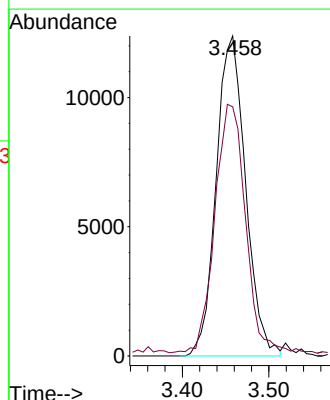
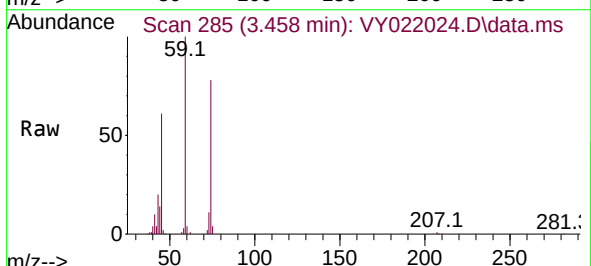
Instrument :
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 VY0428SBS01

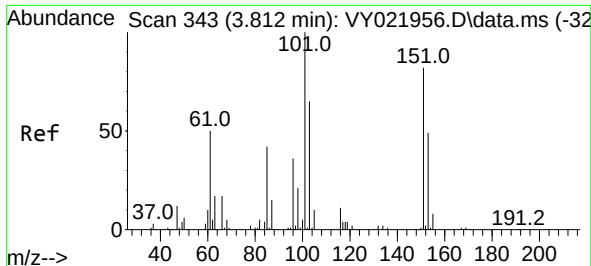
Tgt Ion:101 Resp: 116596
 Ion Ratio Lower Upper
 101 100
 103 66.0 53.6 80.4



#8
 Diethyl Ether
 Concen: 18.741 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY022024.D
 Acq: 28 Apr 2025 12:02

Tgt Ion: 74 Resp: 29171
 Ion Ratio Lower Upper
 74 100
 45 81.4 39.1 117.5

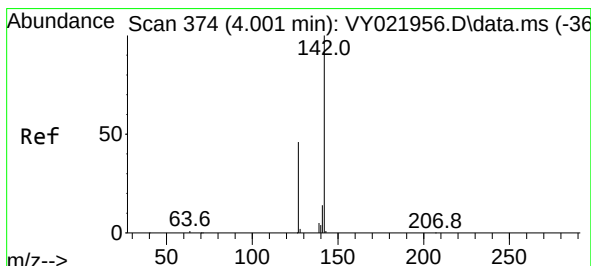
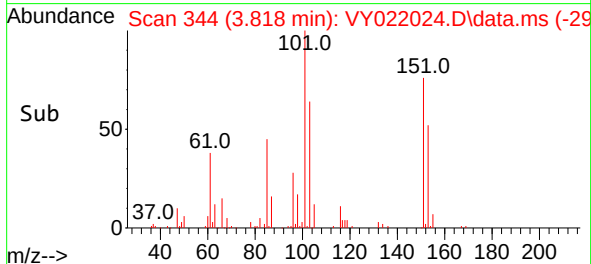
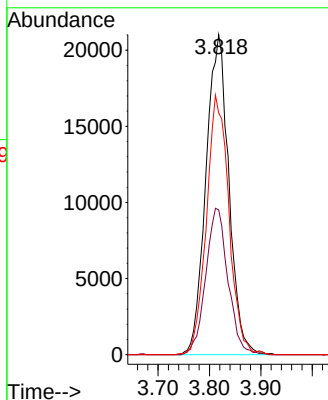
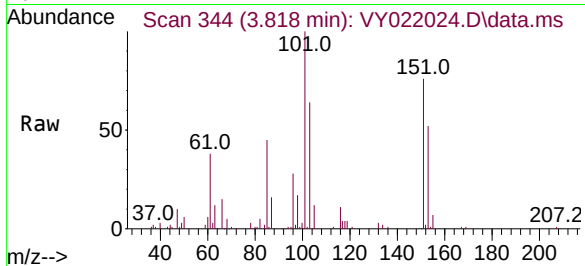




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.023 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

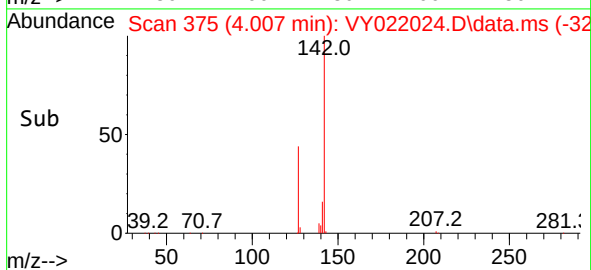
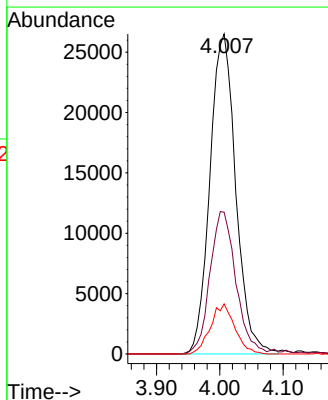
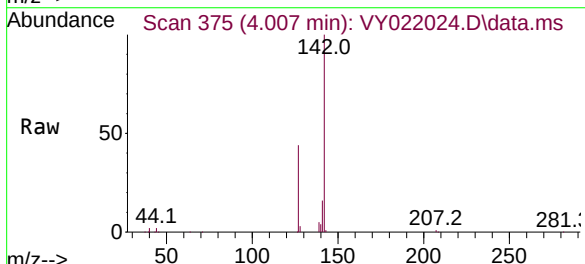
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

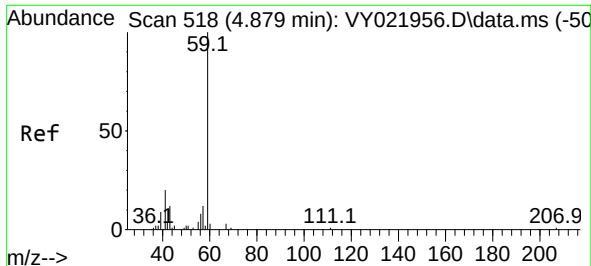
Tgt Ion:101 Resp: 64955
Ion Ratio Lower Upper
101 100
85 44.5 34.6 51.8
151 79.7 63.7 95.5



#10
Methyl Iodide
Concen: 20.039 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion:142 Resp: 75267
Ion Ratio Lower Upper
142 100
127 44.5 36.2 54.2
141 14.7 11.7 17.5

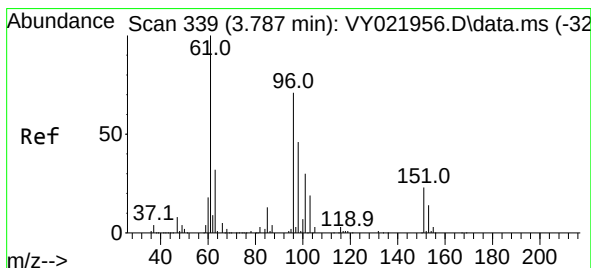
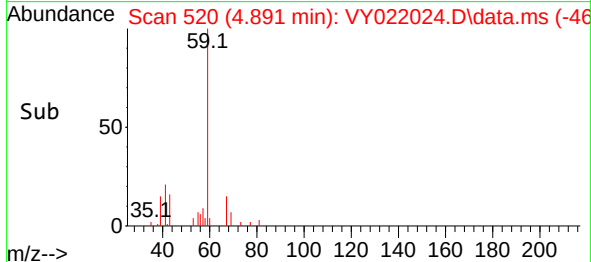
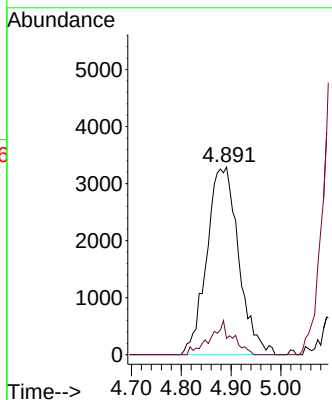
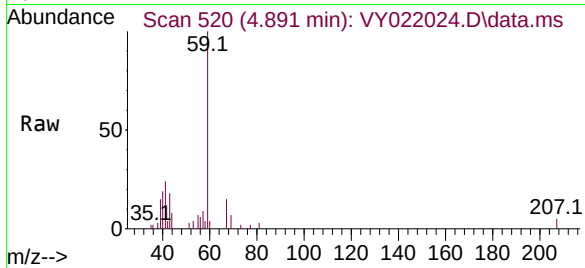




#11
Tert butyl alcohol
Concen: 94.507 ug/l
RT: 4.891 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

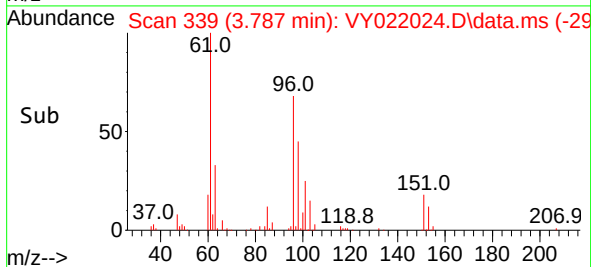
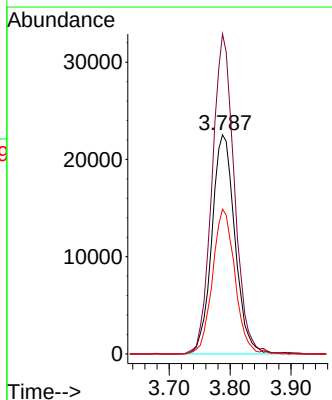
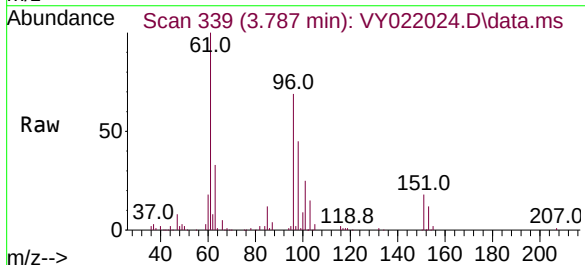
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

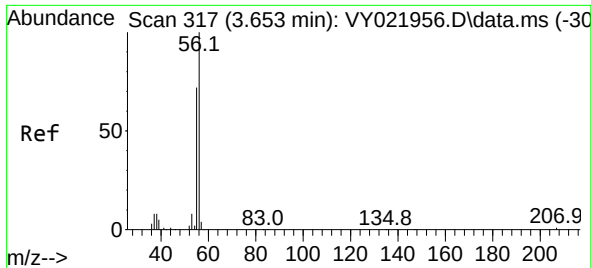
Tgt Ion: 59 Resp: 14577
Ion Ratio Lower Upper
59 100
57 12.6 9.3 13.9



#12
1,1-Dichloroethene
Concen: 19.609 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 96 Resp: 59292
Ion Ratio Lower Upper
96 100
61 146.0 113.0 169.4
98 66.0 51.4 77.2





#13

Acrolein

Concen: 80.430 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

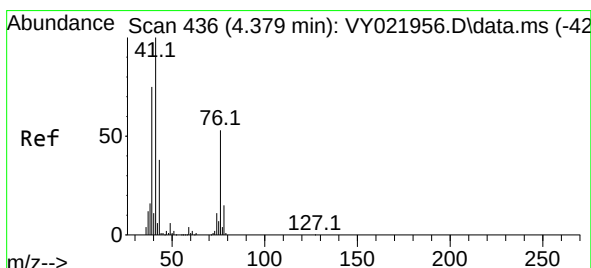
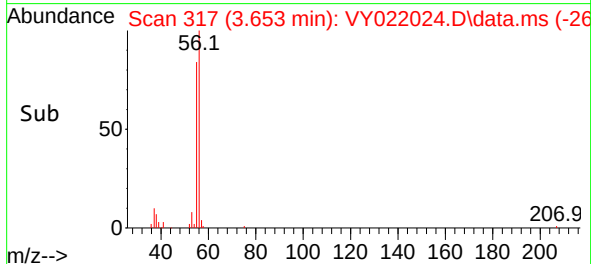
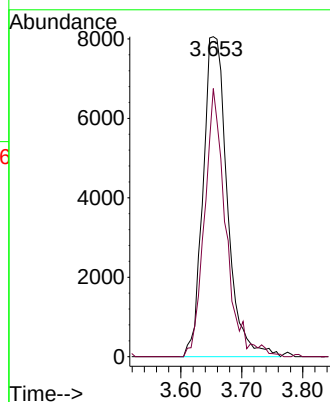
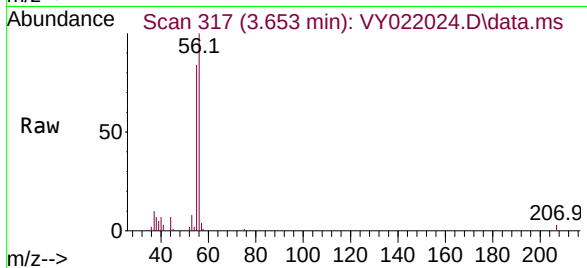
VY0428SBS01

Tgt Ion: 56 Resp: 22266

Ion Ratio Lower Upper

56 100

55 73.7 57.4 86.0



#14

Allyl chloride

Concen: 19.044 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

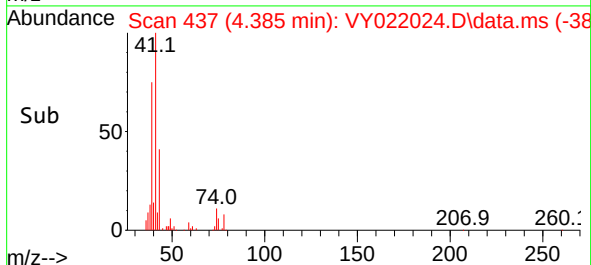
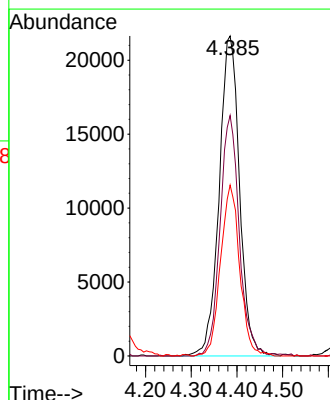
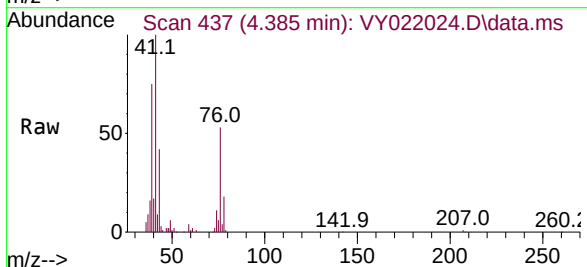
Tgt Ion: 41 Resp: 67052

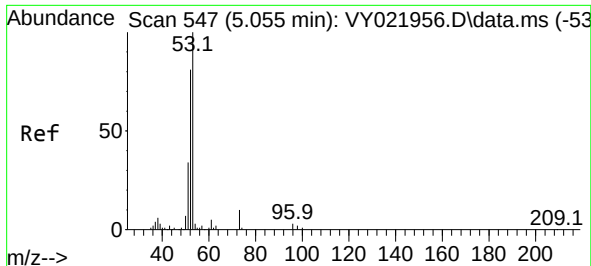
Ion Ratio Lower Upper

41 100

39 70.8 57.2 85.8

76 50.2 39.7 59.5

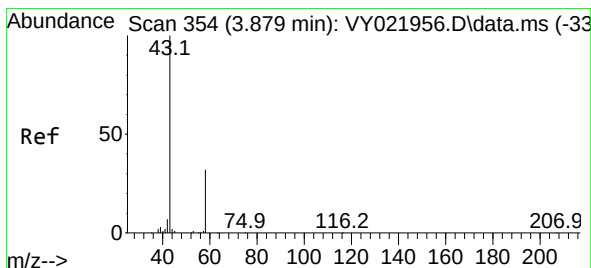
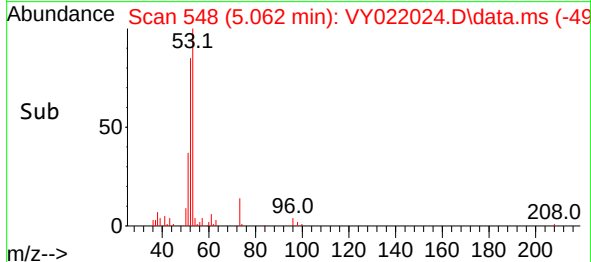
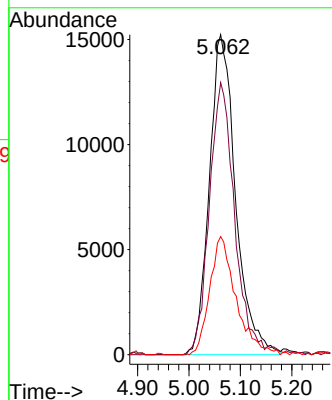
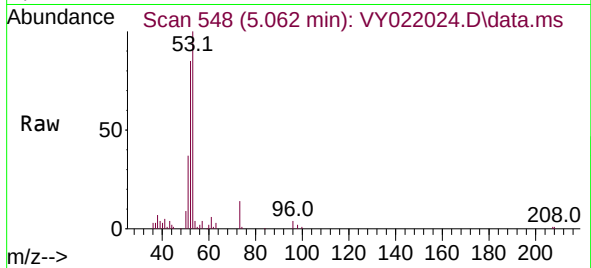




#15
Acrylonitrile
Concen: 94.624 ug/l
RT: 5.062 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

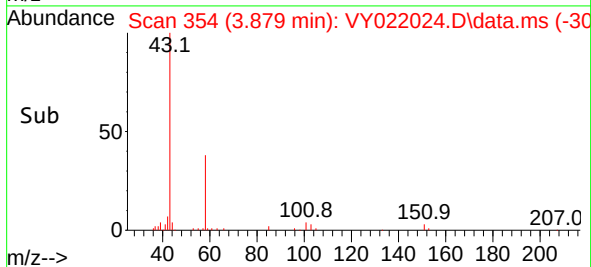
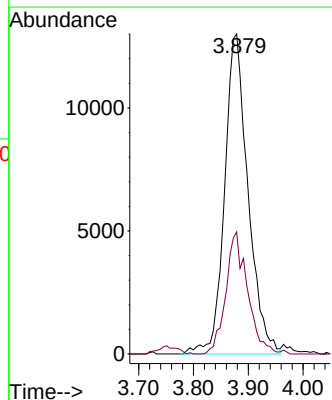
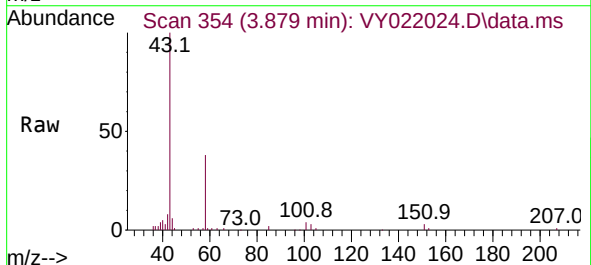
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

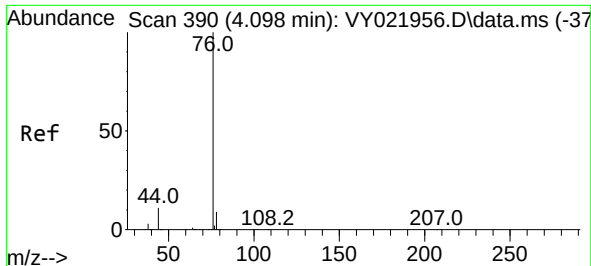
Tgt Ion: 53 Resp: 53919
Ion Ratio Lower Upper
53 100
52 81.9 65.0 97.6
51 37.2 28.9 43.3



#16
Acetone
Concen: 91.684 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 43 Resp: 38691
Ion Ratio Lower Upper
43 100
58 37.5 27.0 40.4

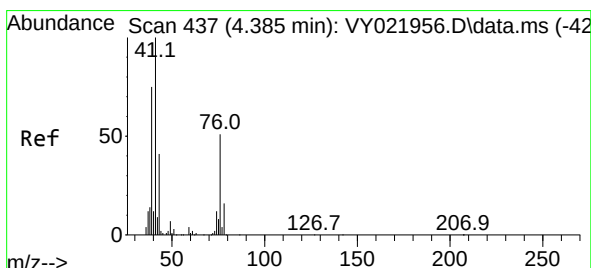
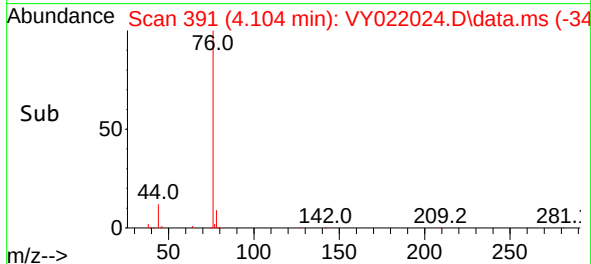
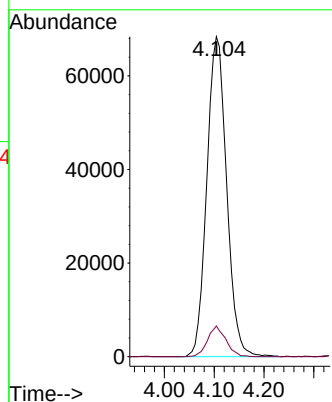
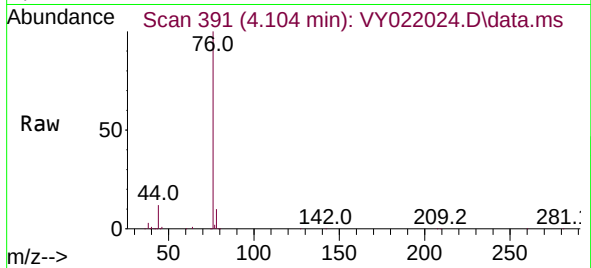




#17
Carbon Disulfide
Concen: 19.567 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

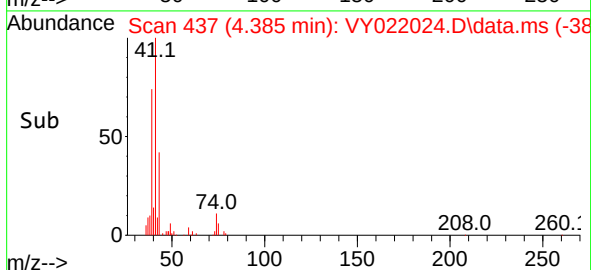
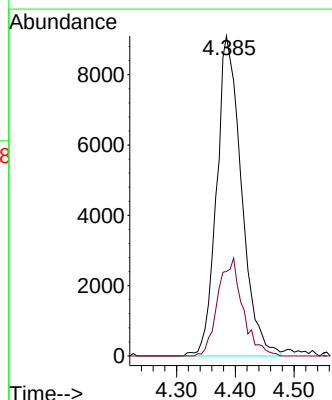
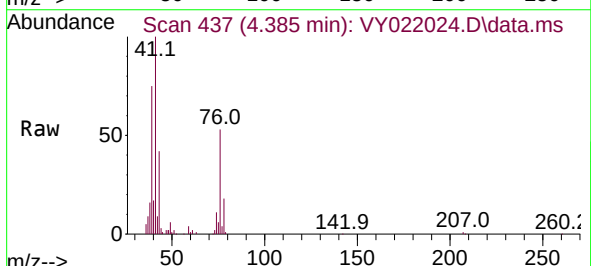
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

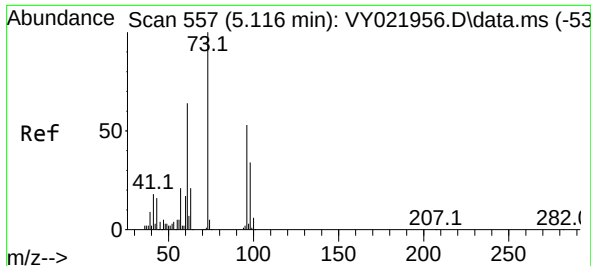
Tgt Ion: 76 Resp: 188646
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4



#18
Methyl Acetate
Concen: 20.352 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 43 Resp: 26710
Ion Ratio Lower Upper
43 100
74 30.6 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 18.979 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

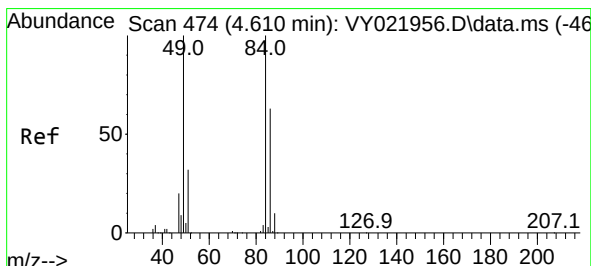
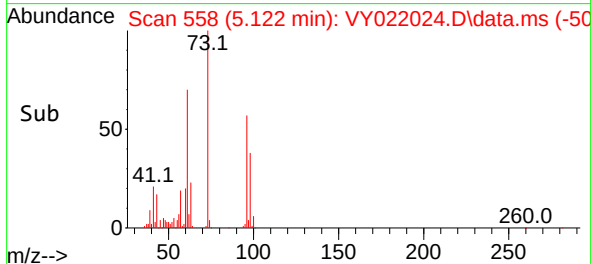
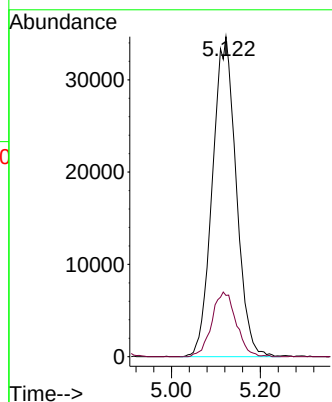
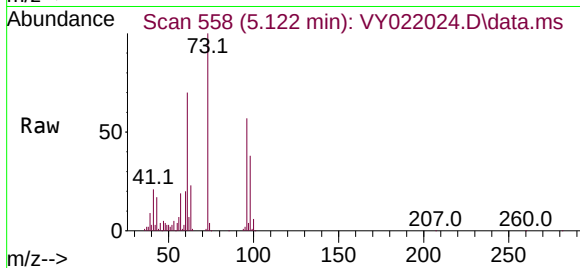
VY0428SBS01

Tgt Ion: 73 Resp: 128448

Ion Ratio Lower Upper

73 100

57 19.1 16.9 25.3



#20

Methylene Chloride

Concen: 19.581 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Tgt Ion: 84 Resp: 69565

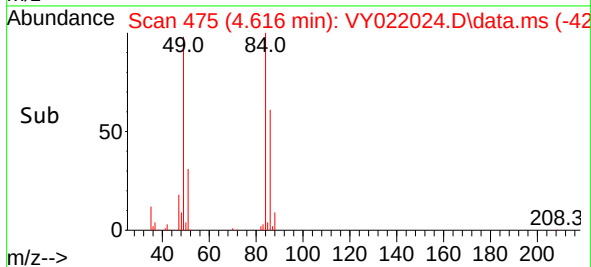
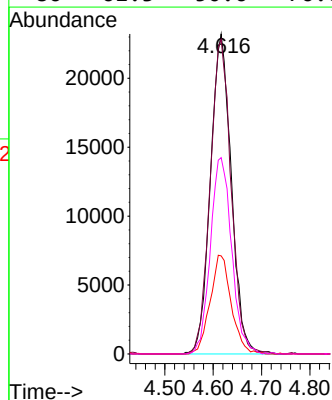
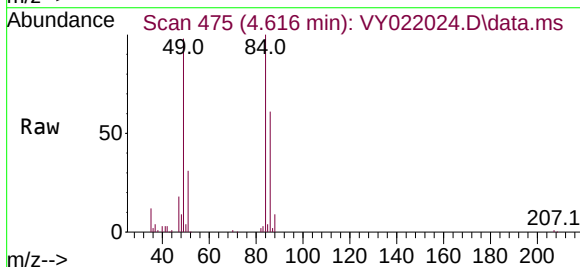
Ion Ratio Lower Upper

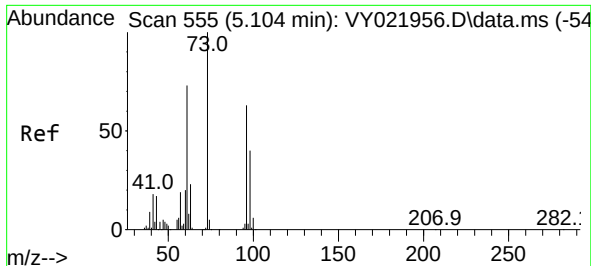
84 100

49 98.2 79.9 119.9

51 30.7 25.4 38.0

86 61.3 50.6 76.0

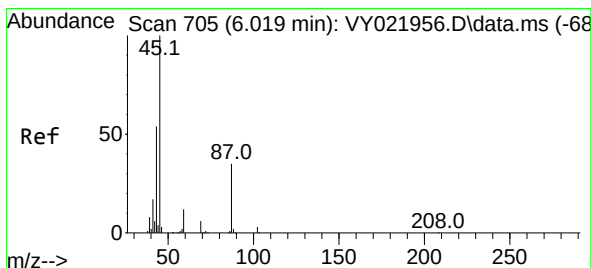
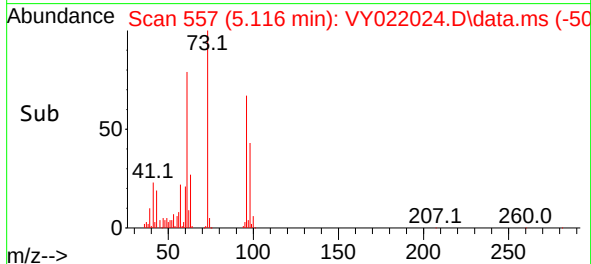
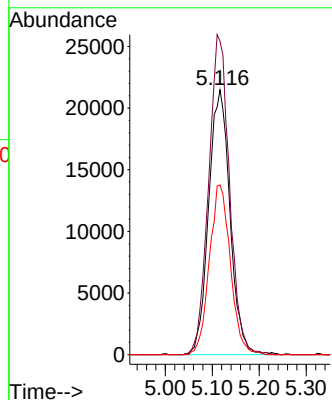
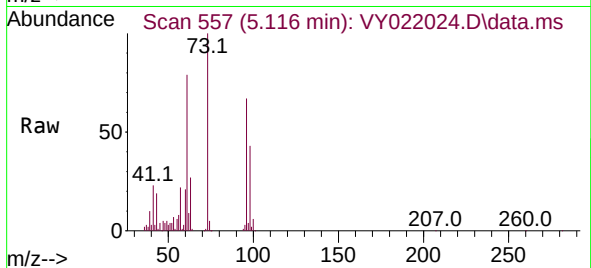




#21
trans-1,2-Dichloroethene
Concen: 20.035 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

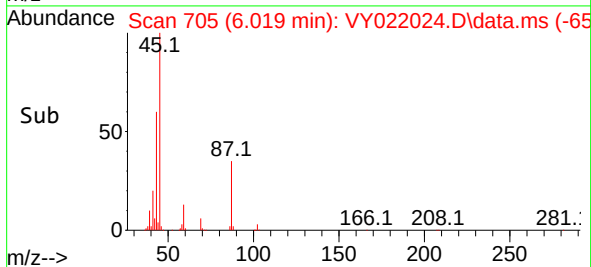
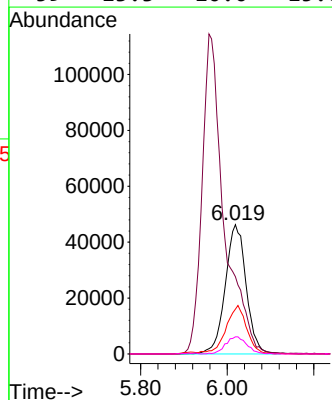
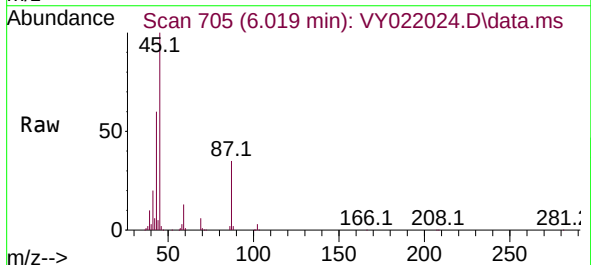
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

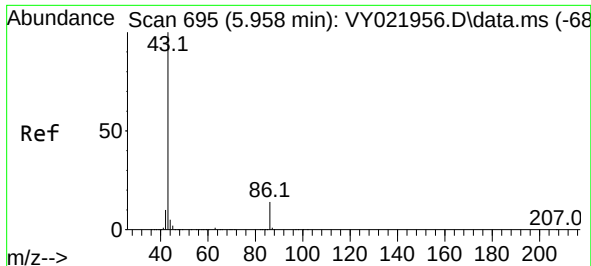
Tgt Ion: 96 Resp: 67846
Ion Ratio Lower Upper
96 100
61 118.3 92.6 138.8
98 64.1 50.2 75.4



#22
Diisopropyl ether
Concen: 19.802 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 45 Resp: 155156
Ion Ratio Lower Upper
45 100
43 59.6 43.6 65.4
87 34.4 28.2 42.4
59 13.3 10.0 15.0

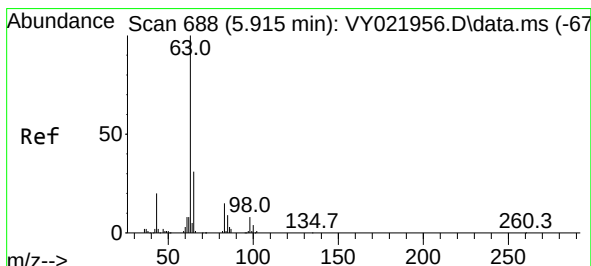
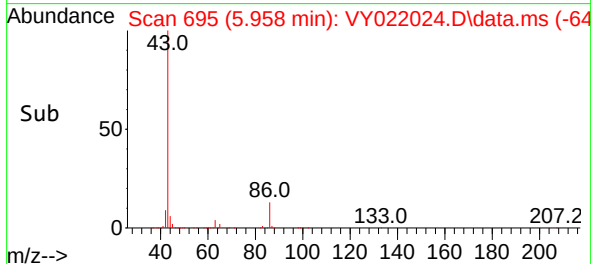
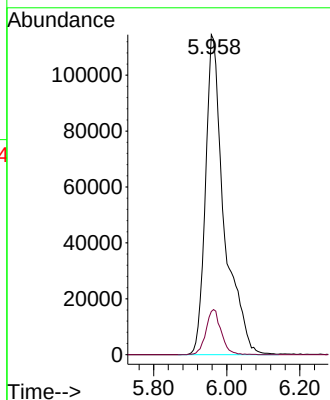
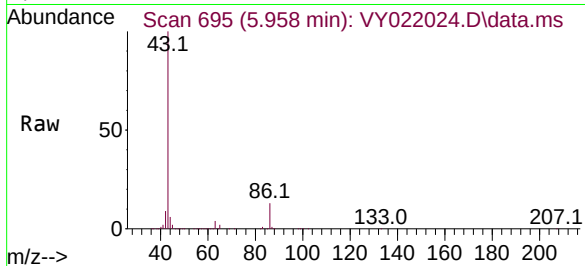




#23
 Vinyl Acetate
 Concen: 95.923 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022024.D
 Acq: 28 Apr 2025 12:02

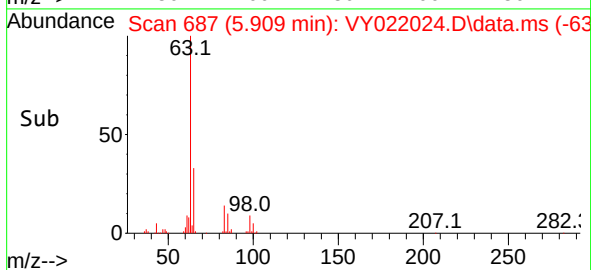
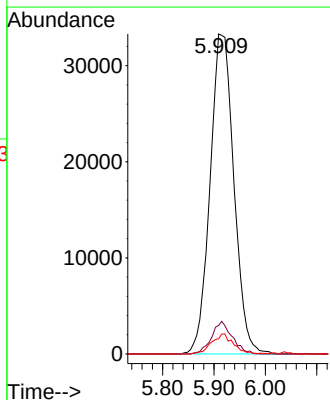
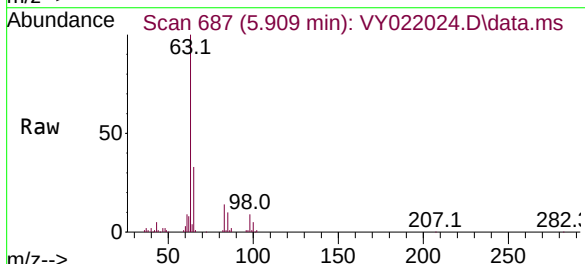
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

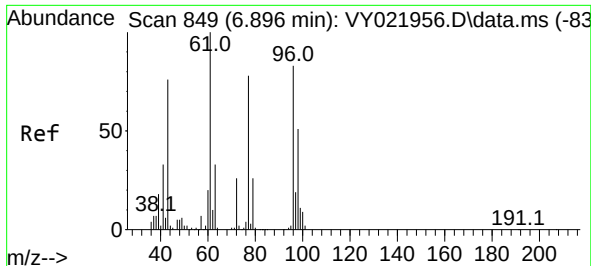
Tgt Ion: 43 Resp: 405051
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 19.744 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022024.D
 Acq: 28 Apr 2025 12:02

Tgt Ion: 63 Resp: 107232
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.0 11.9
 100 4.7 2.0 6.0





#25

2-Butanone

Concen: 91.221 ug/l

RT: 6.897 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

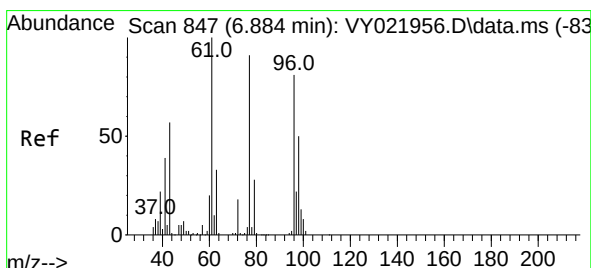
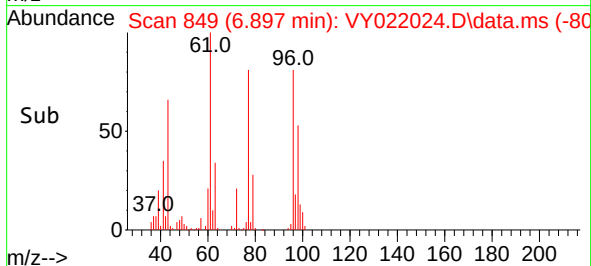
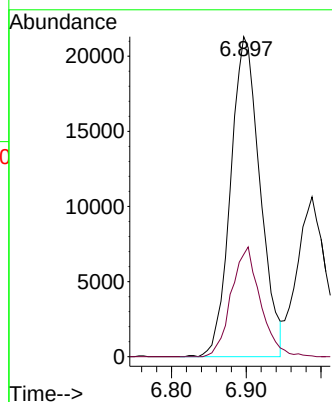
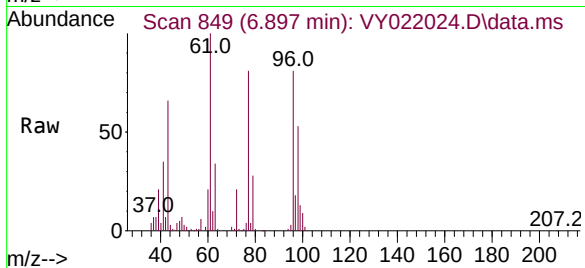
VY0428SBS01

Tgt Ion: 43 Resp: 58420

Ion Ratio Lower Upper

43 100

72 31.9 27.0 40.4



#26

2,2-Dichloropropane

Concen: 20.072 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022024.D

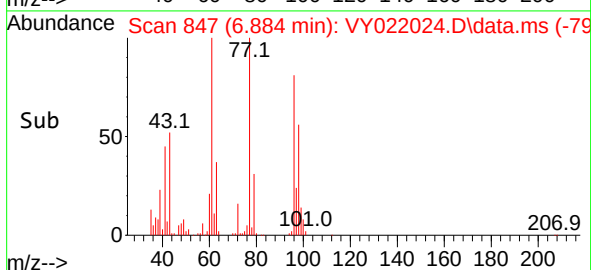
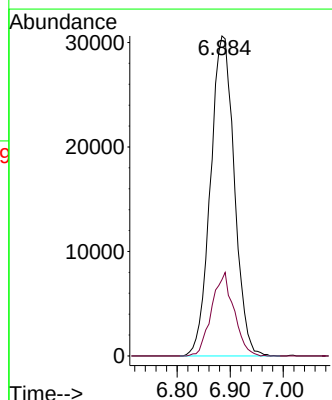
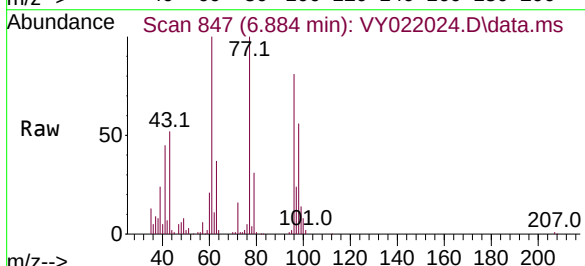
Acq: 28 Apr 2025 12:02

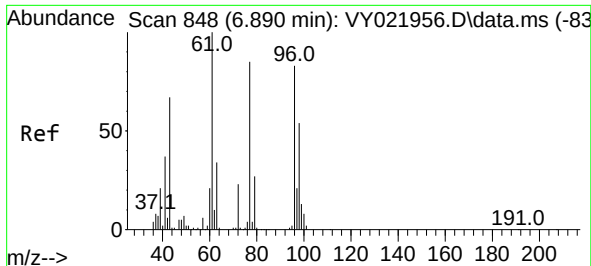
Tgt Ion: 77 Resp: 95545

Ion Ratio Lower Upper

77 100

97 24.4 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 19.614 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

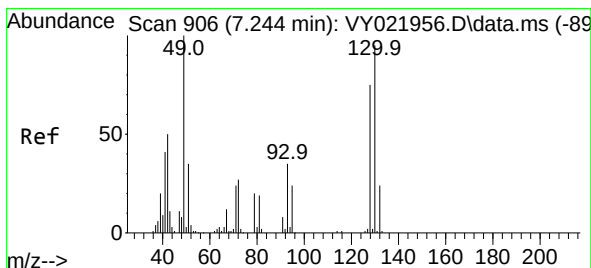
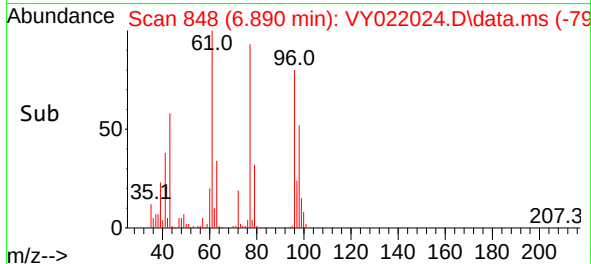
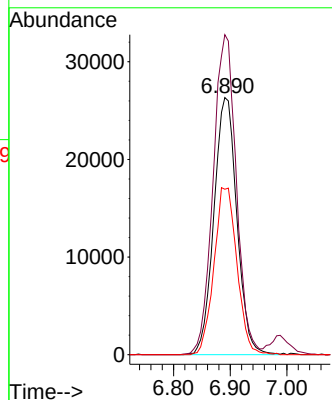
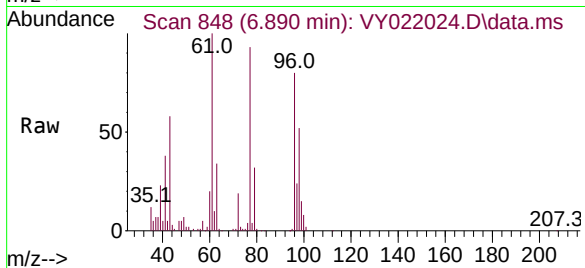
Tgt Ion: 96 Resp: 74270

Ion Ratio Lower Upper

96 100

61 125.3 0.0 251.4

98 64.9 0.0 128.4



#28

Bromochloromethane

Concen: 19.342 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

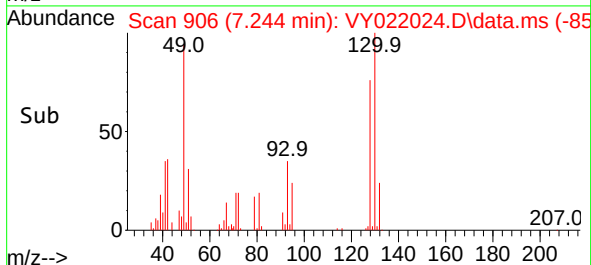
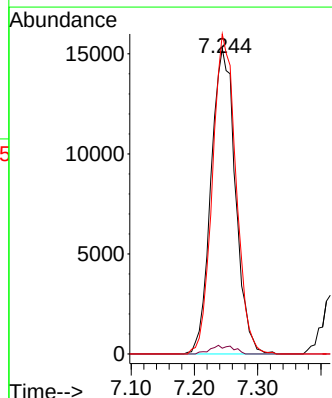
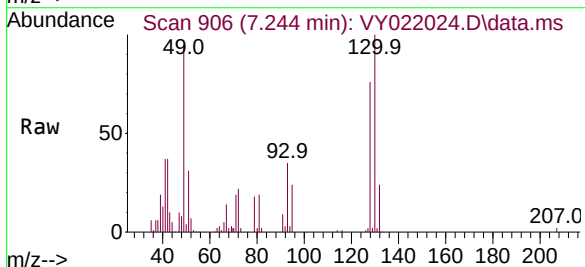
Tgt Ion: 49 Resp: 40803

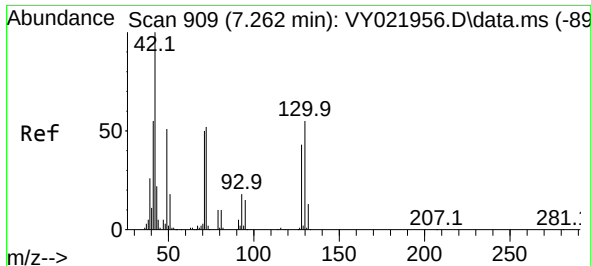
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.0

130 101.0 78.2 117.4





#29

Tetrahydrofuran

Concen: 94.962 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

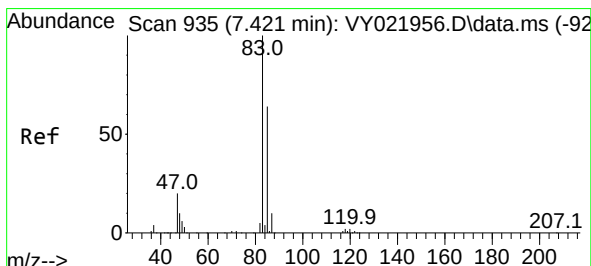
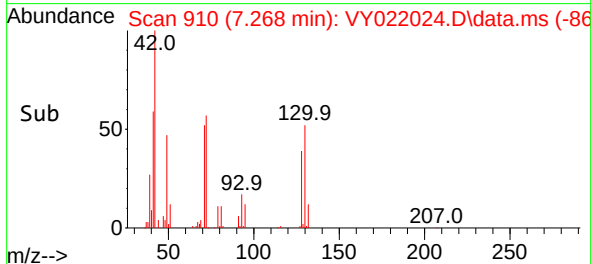
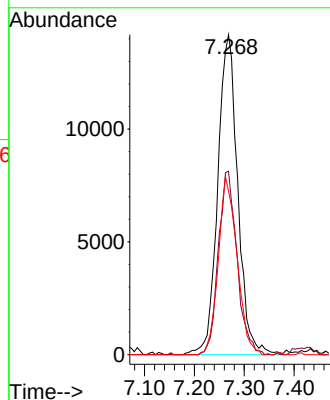
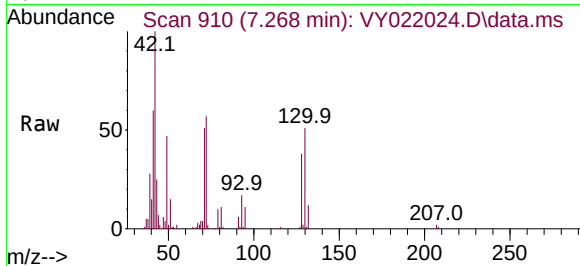
Tgt Ion: 42 Resp: 39499

Ion Ratio Lower Upper

42 100

72 53.4 42.6 63.8

71 52.0 40.6 61.0



#30

Chloroform

Concen: 20.510 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022024.D

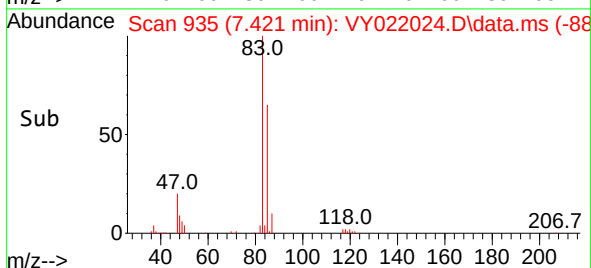
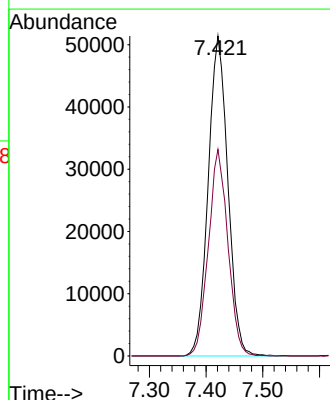
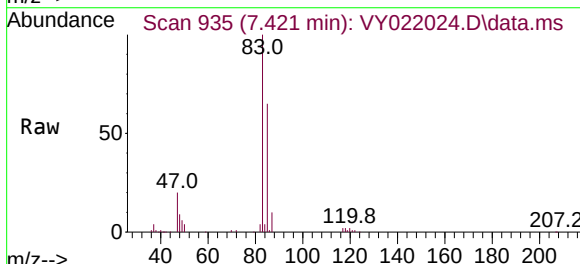
Acq: 28 Apr 2025 12:02

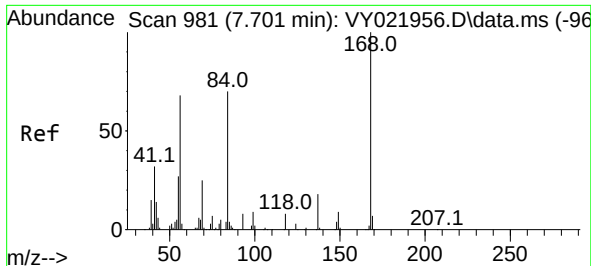
Tgt Ion: 83 Resp: 123555

Ion Ratio Lower Upper

83 100

85 64.6 51.3 76.9

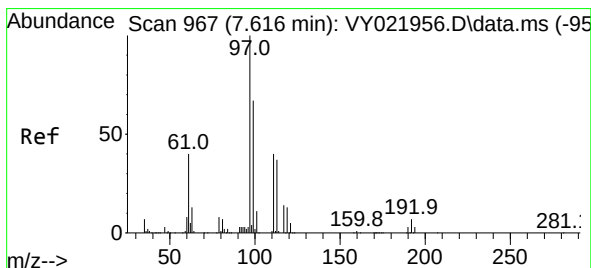
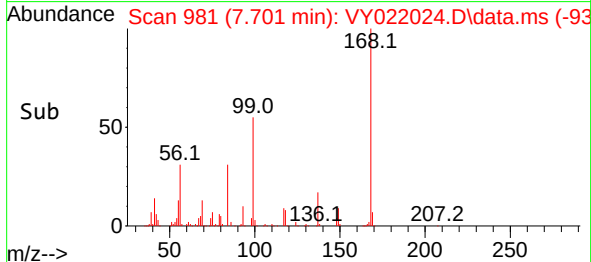
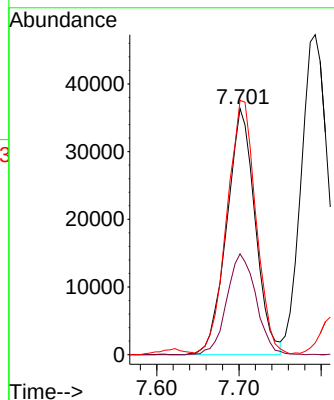
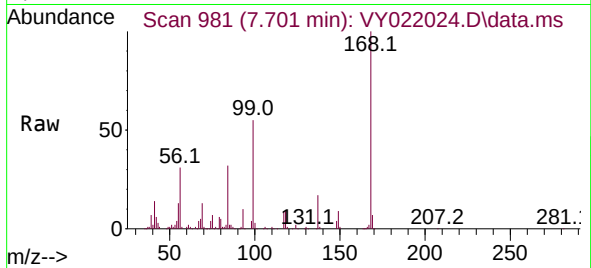




#31
Cyclohexane
Concen: 18.845 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

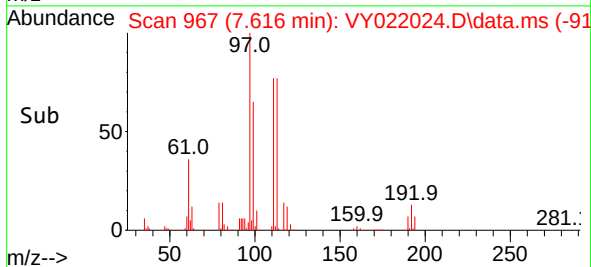
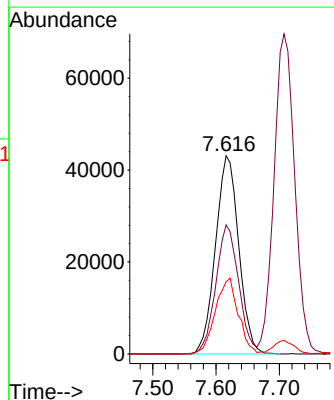
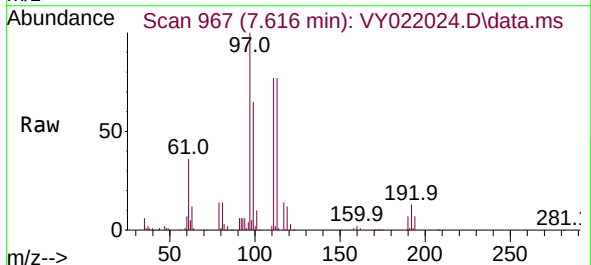
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

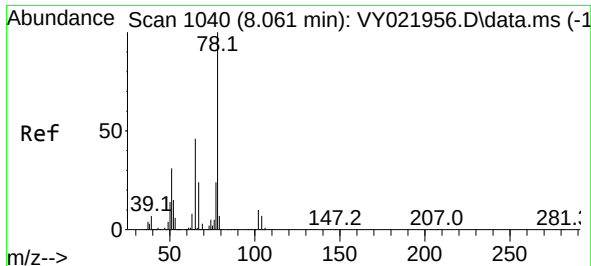
Tgt Ion: 56 Resp: 87525
Ion Ratio Lower Upper
56 100
69 41.0 29.4 44.2
84 101.7 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 20.174 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 97 Resp: 109955
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 37.9 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 47.964 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

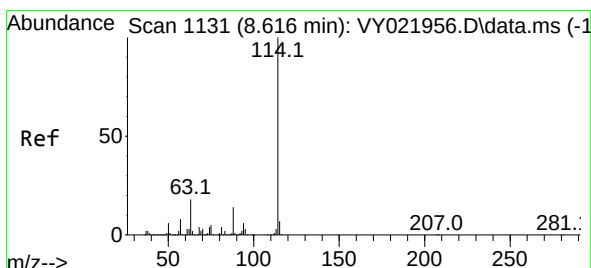
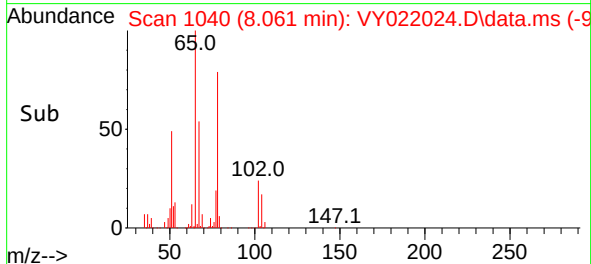
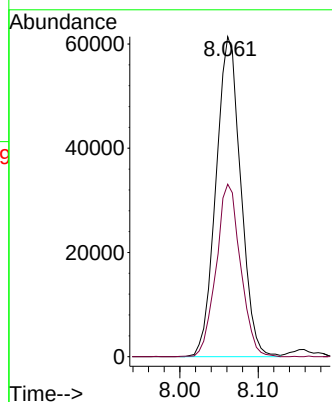
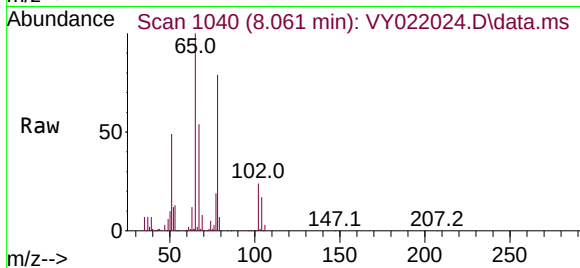
VY0428SBS01

Tgt Ion: 65 Resp: 134757

Ion Ratio Lower Upper

65 100

67 53.1 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: VY022024.D

Acq: 28 Apr 2025 12:02

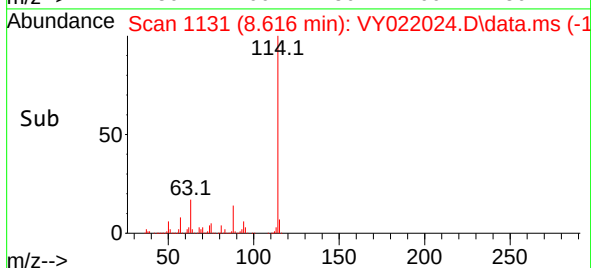
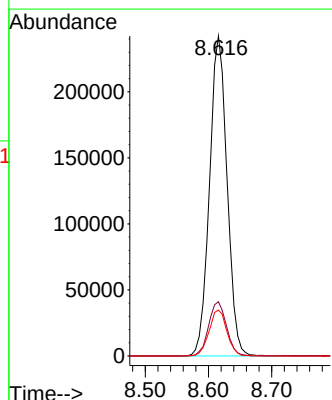
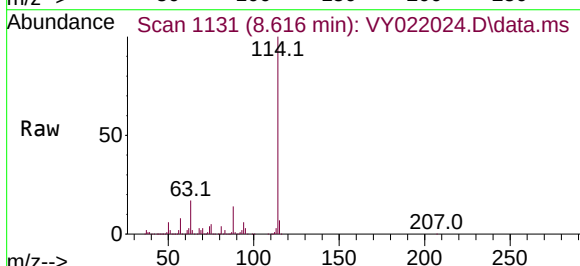
Tgt Ion: 114 Resp: 466723

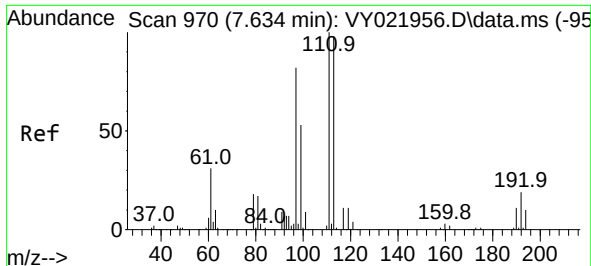
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.4

88 14.4 0.0 28.2

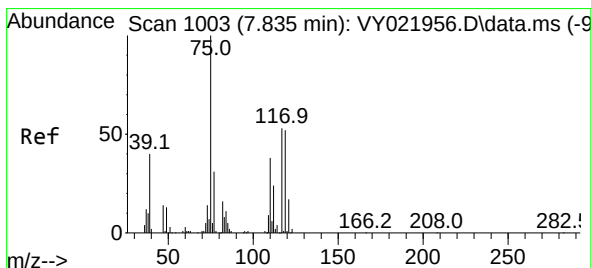
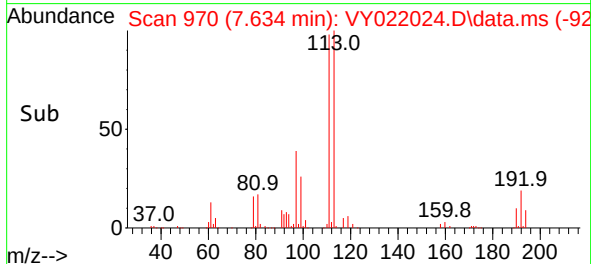
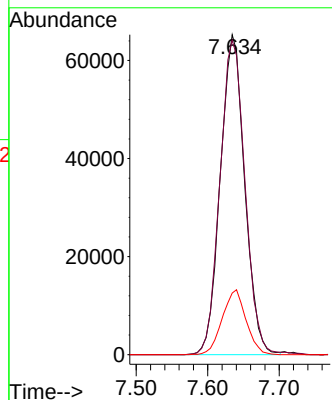
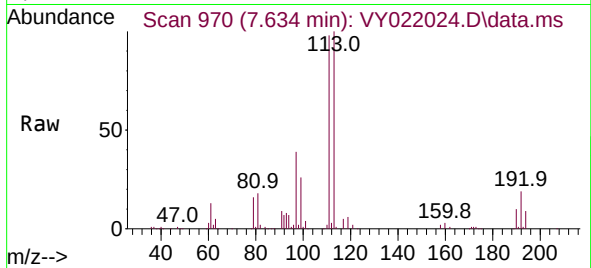




#35
Dibromofluoromethane
Concen: 50.049 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

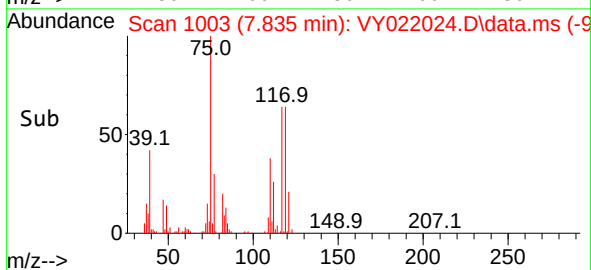
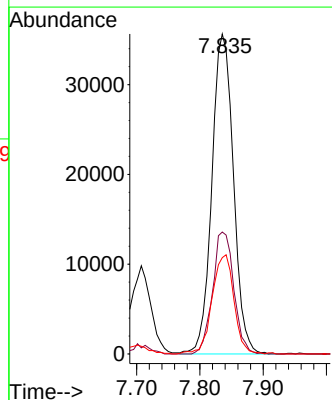
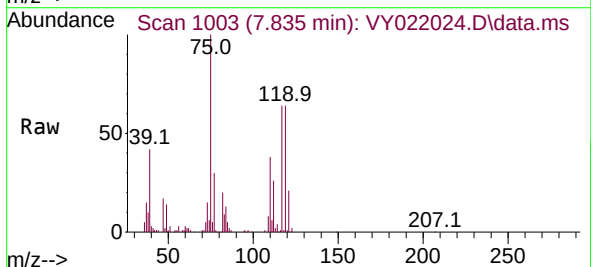
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

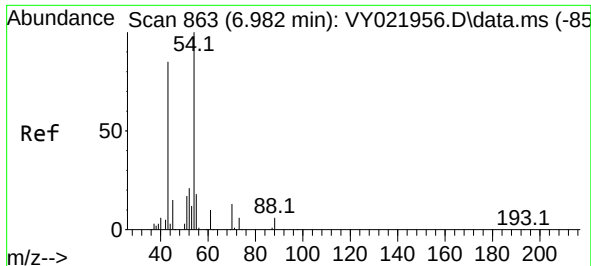
Tgt Ion:113 Resp: 154321
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 19.8 15.6 23.4



#36
1,1-Dichloropropene
Concen: 20.345 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 75 Resp: 84266
Ion Ratio Lower Upper
75 100
110 37.5 19.1 57.3
77 31.5 25.5 38.3

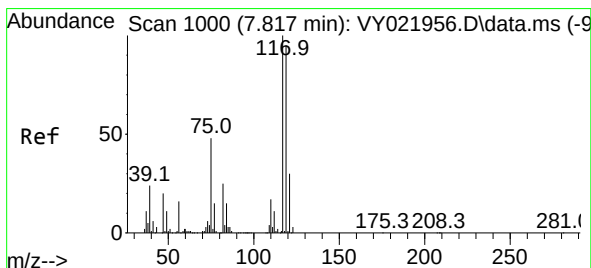
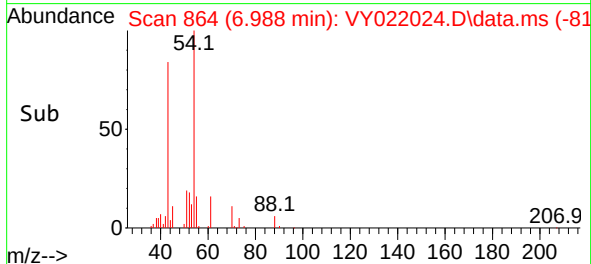
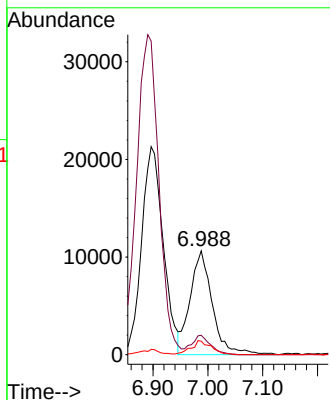
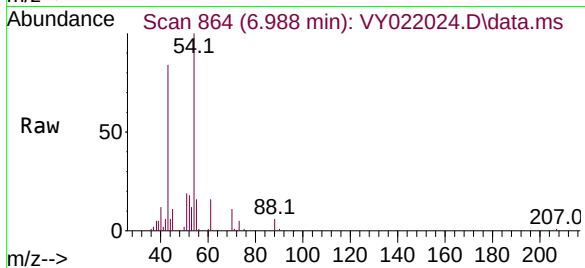




#37
Ethyl Acetate
Concen: 20.212 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

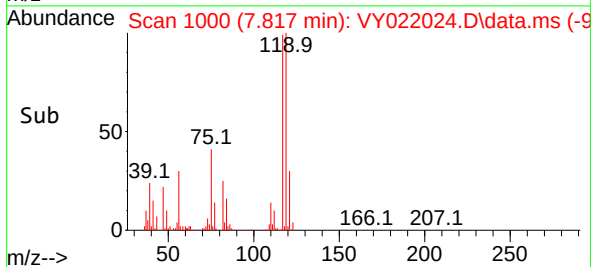
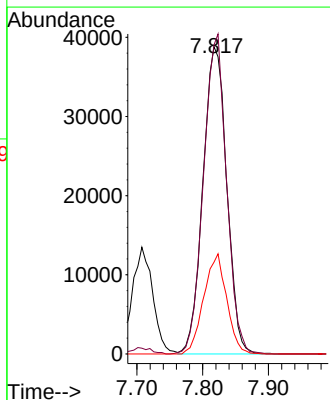
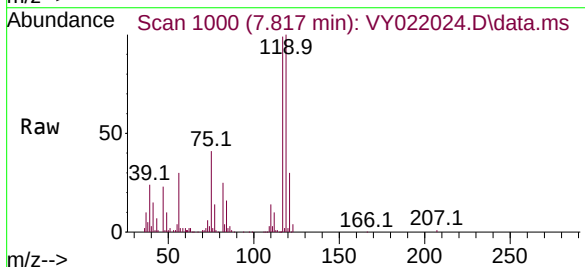
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

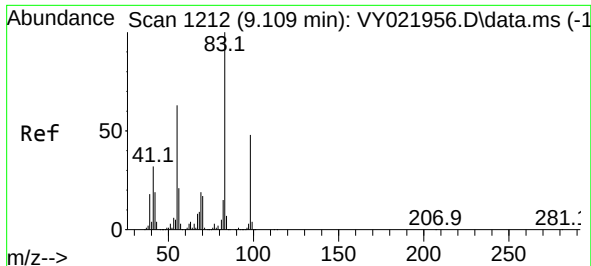
Tgt Ion:	43	Resp:	30066
Ion	Ratio	Lower	Upper
43	100		
61	15.6	13.8	20.6
70	12.1	9.2	13.8



#38
Carbon Tetrachloride
Concen: 19.805 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion:	117	Resp:	98021
Ion	Ratio	Lower	Upper
117	100		
119	100.6	76.2	114.4
121	29.9	24.0	36.0





#39

Methylcyclohexane

Concen: 18.599 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBSD01

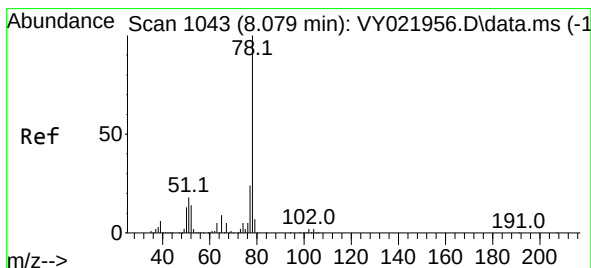
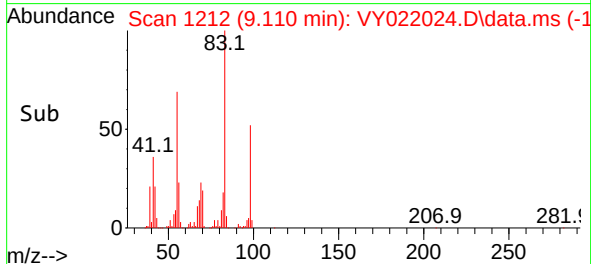
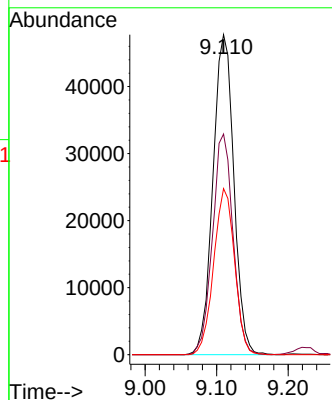
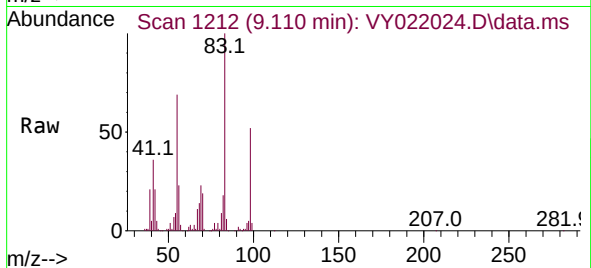
Tgt Ion: 83 Resp: 96942

Ion Ratio Lower Upper

83 100

55 68.9 50.6 75.8

98 51.9 38.6 58.0



#40

Benzene

Concen: 20.443 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022024.D

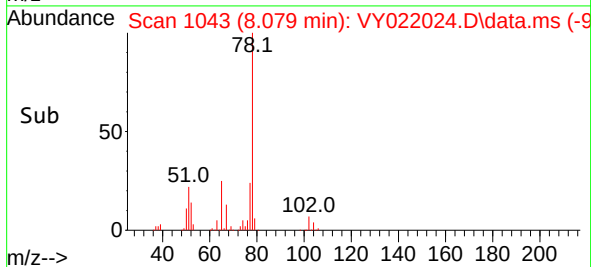
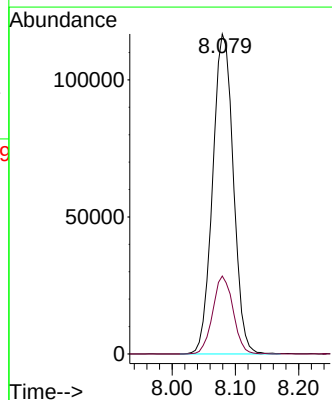
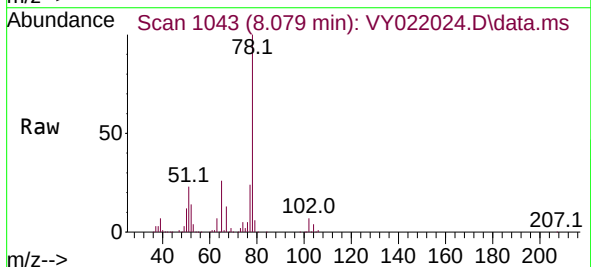
Acq: 28 Apr 2025 12:02

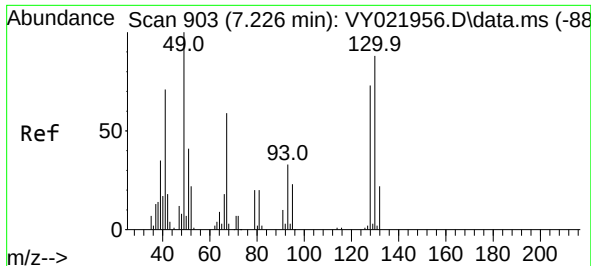
Tgt Ion: 78 Resp: 264687

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9

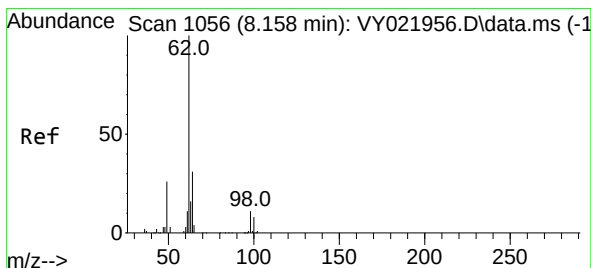
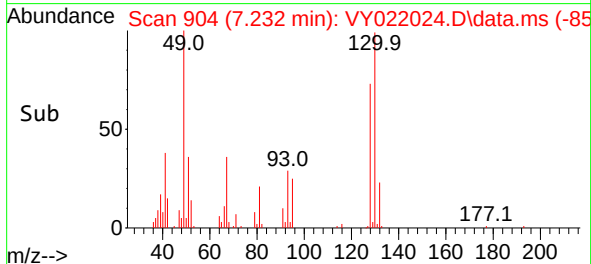
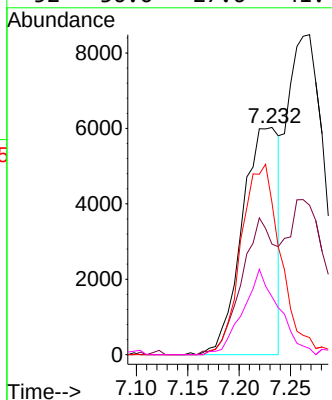
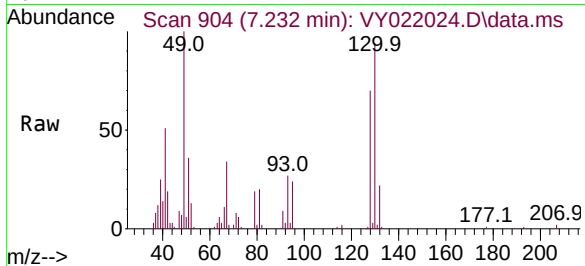




#41
Methacrylonitrile
Concen: 18.385 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

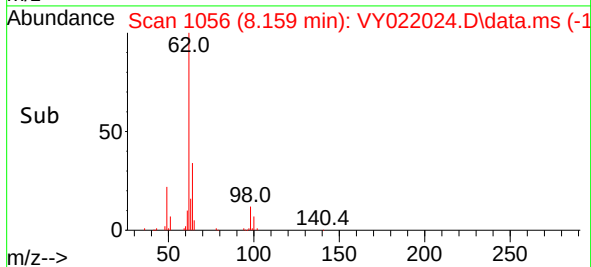
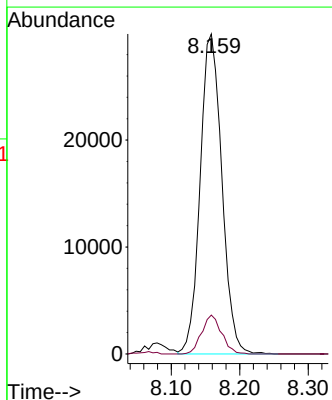
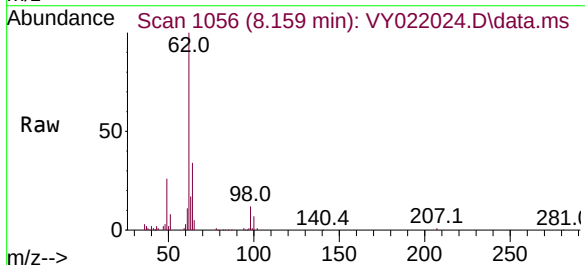
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

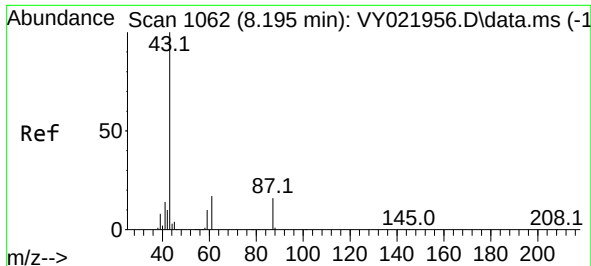
Tgt Ion:	41	Resp:	14950
Ion	Ratio	Lower	Upper
41	100		
39	56.4	36.6	55.0#
67	92.1	72.2	108.4
52	36.6	27.6	41.4



#42
1,2-Dichloroethane
Concen: 20.582 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion:	62	Resp:	65978
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.0





#43

Isopropyl Acetate

Concen: 19.390 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

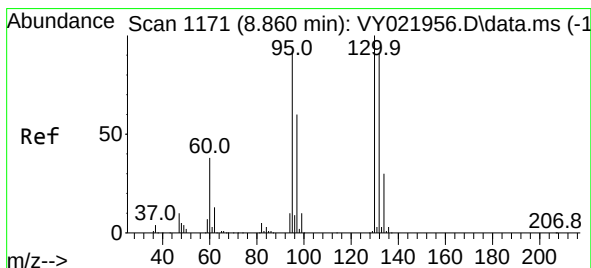
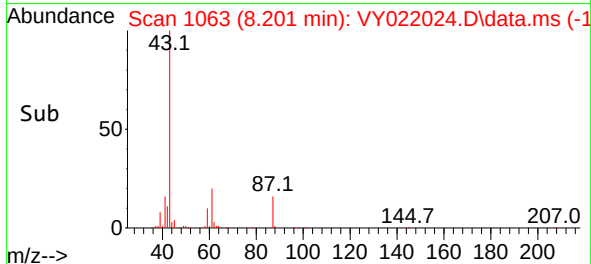
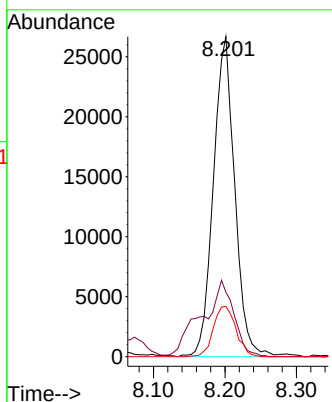
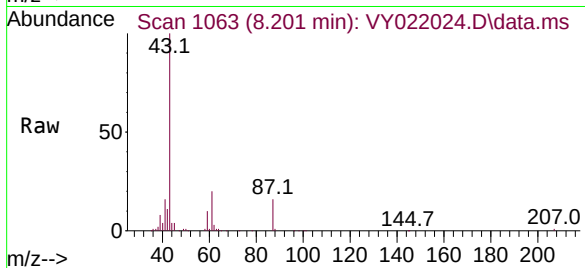
Tgt Ion: 43 Resp: 55391

Ion Ratio Lower Upper

43 100

61 36.1 18.9 28.3#

87 16.6 13.7 20.5



#44

Trichloroethene

Concen: 20.483 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VY022024.D

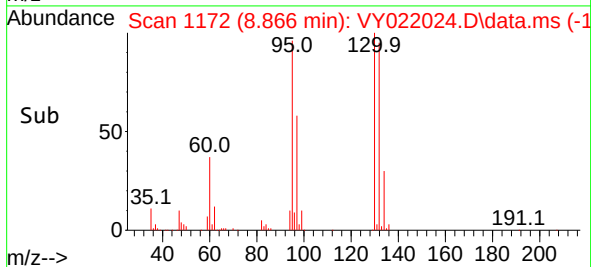
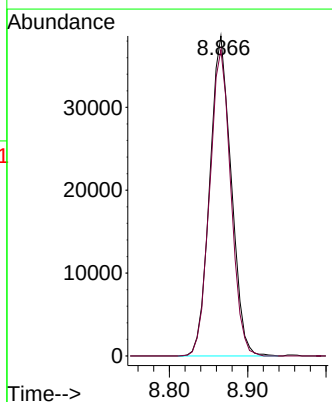
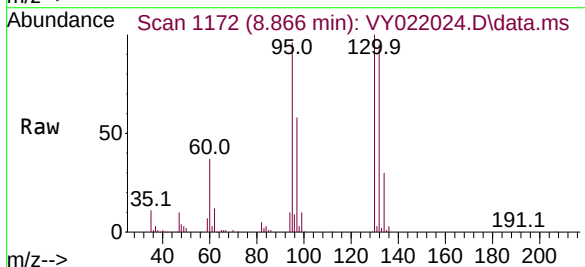
Acq: 28 Apr 2025 12:02

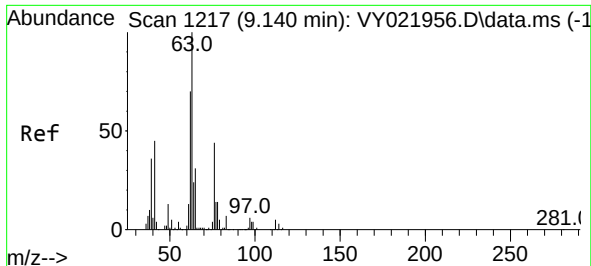
Tgt Ion:130 Resp: 73456

Ion Ratio Lower Upper

130 100

95 95.7 0.0 183.2





#45

1,2-Dichloropropane

Concen: 20.206 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

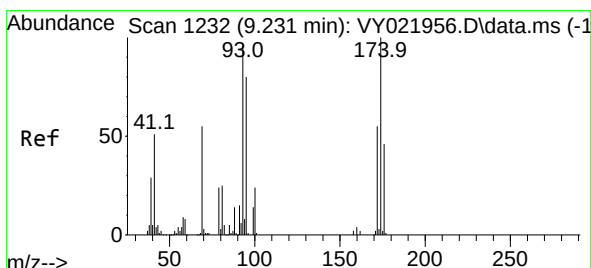
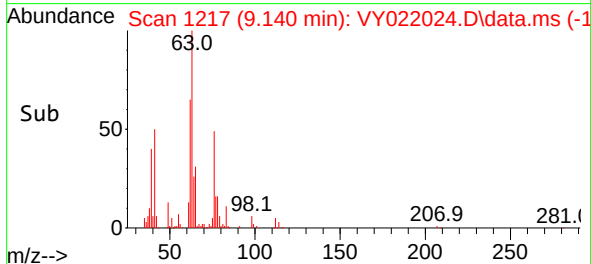
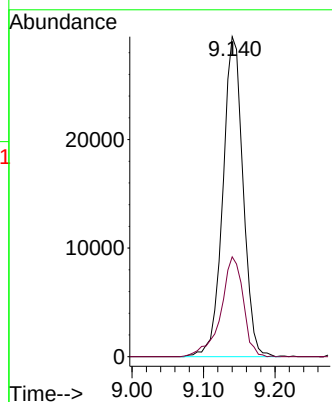
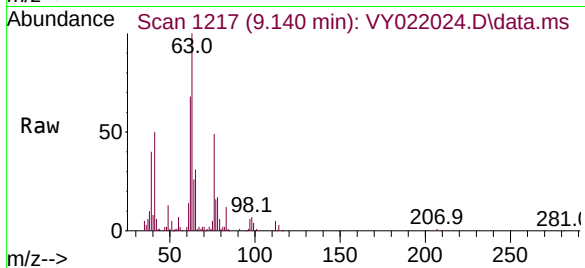
VY0428SBS01

Tgt Ion: 63 Resp: 57855

Ion Ratio Lower Upper

63 100

65 31.2 25.2 37.8



#46

Dibromomethane

Concen: 20.368 ug/l

RT: 9.232 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

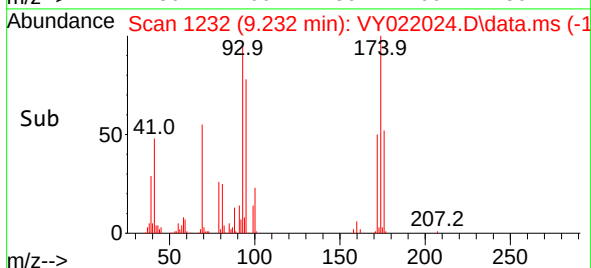
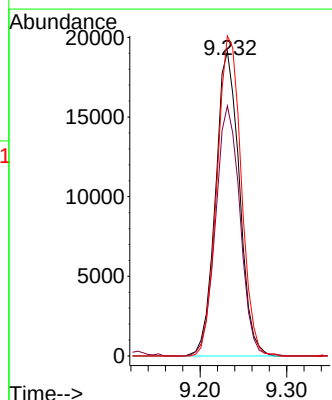
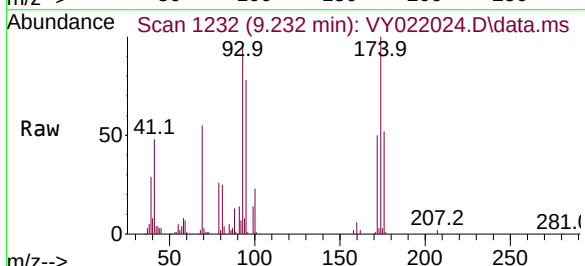
Tgt Ion: 93 Resp: 36507

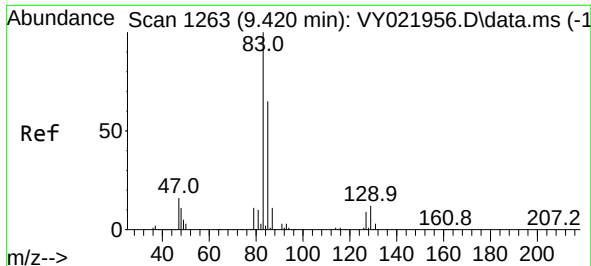
Ion Ratio Lower Upper

93 100

95 83.8 66.7 100.1

174 106.5 84.6 127.0

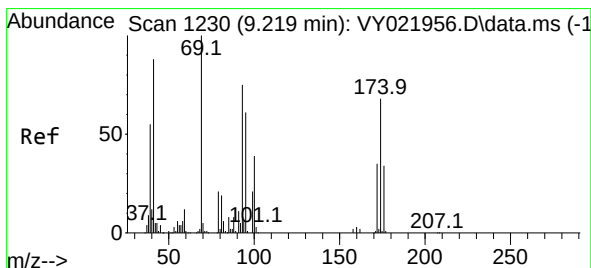
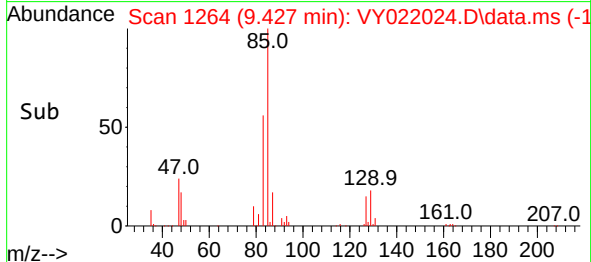
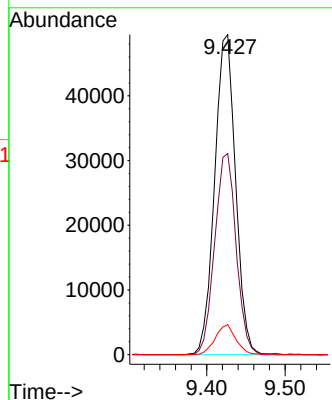
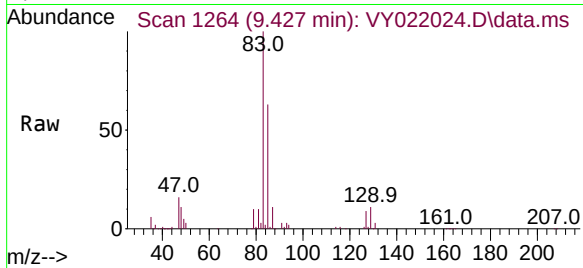




#47
Bromodichloromethane
Concen: 20.518 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

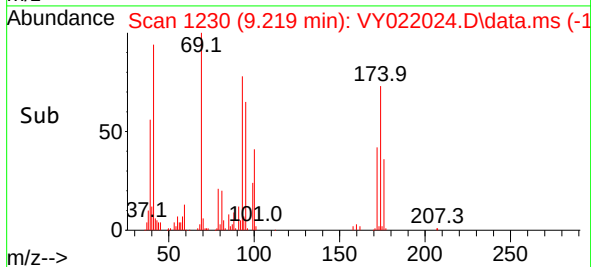
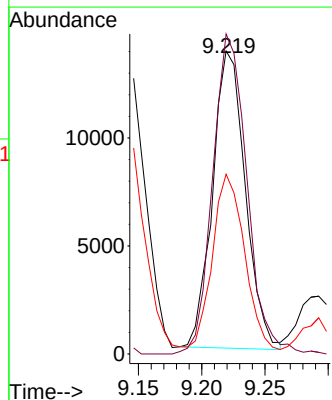
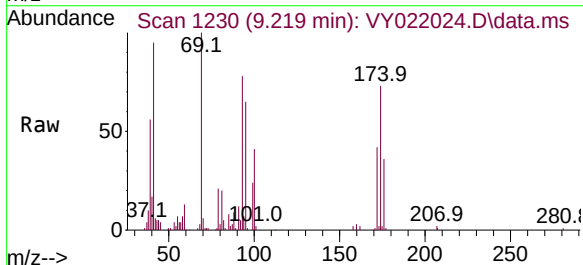
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

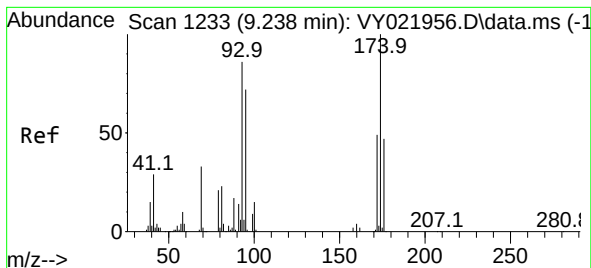
Tgt Ion: 83 Resp: 91869
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.8
127 9.4 7.0 10.6



#48
Methyl methacrylate
Concen: 18.731 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 41 Resp: 24736
Ion Ratio Lower Upper
41 100
69 113.0 85.5 128.3
39 57.1 46.2 69.4





#49

1,4-Dioxane

Concen: 399.035 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

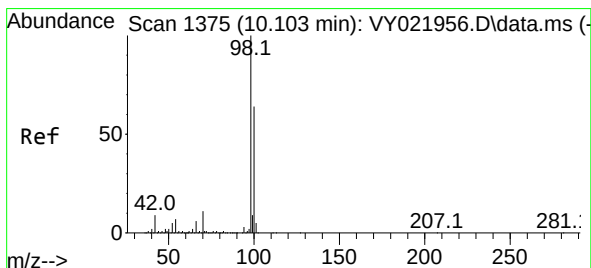
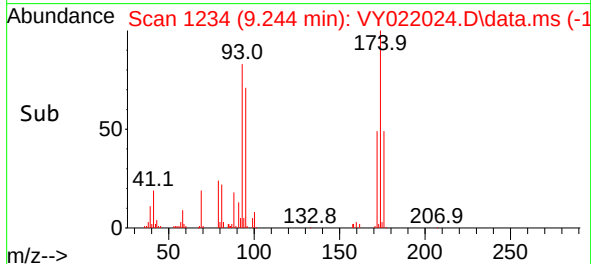
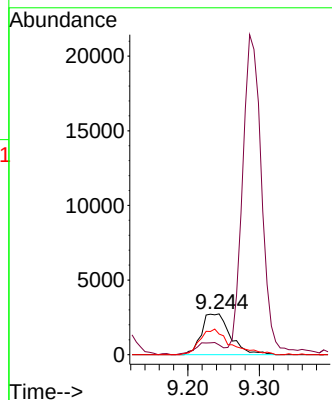
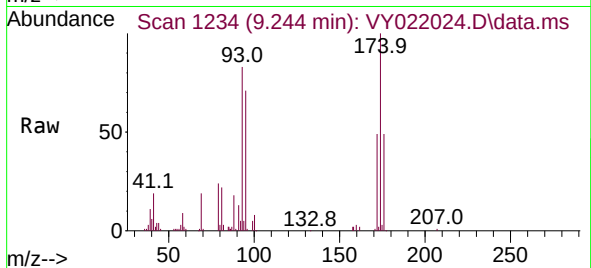
Tgt Ion: 88 Resp: 7623

Ion Ratio Lower Upper

88 100

43 26.3 21.3 31.9

58 66.3 50.5 75.7



#50

Toluene-d8

Concen: 50.256 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022024.D

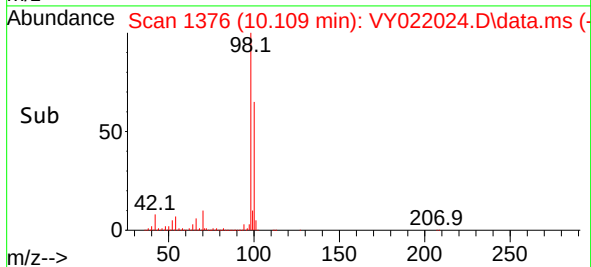
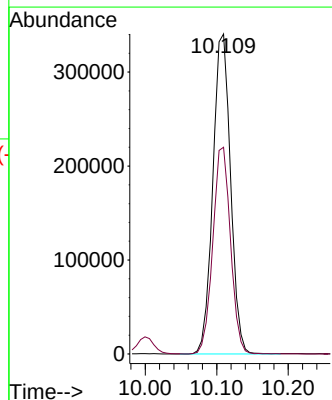
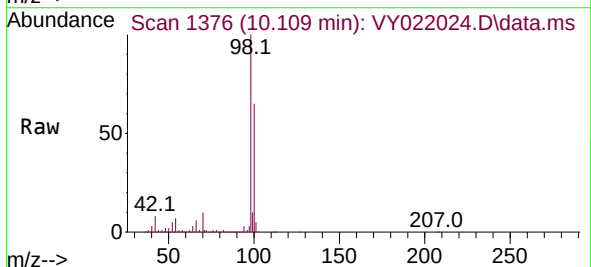
Acq: 28 Apr 2025 12:02

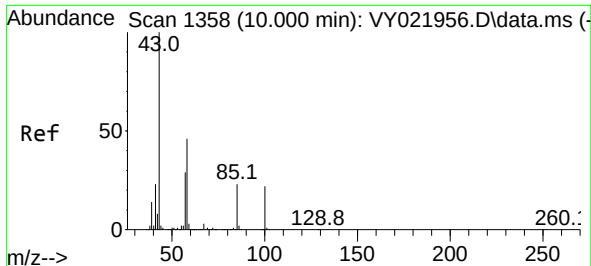
Tgt Ion: 98 Resp: 584198

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4

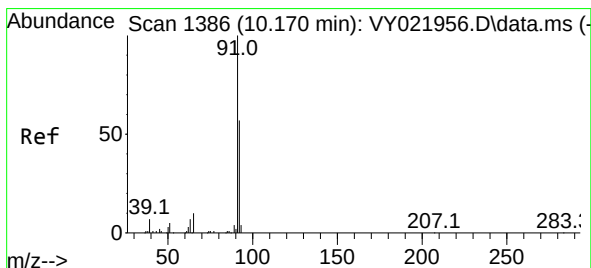
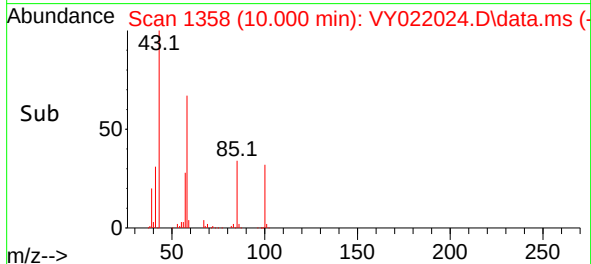
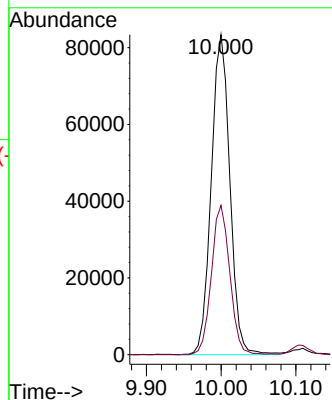
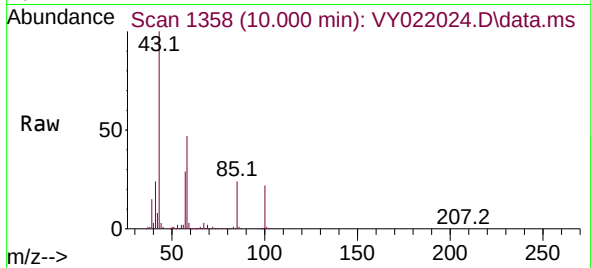




#51
4-Methyl-2-Pentanone
Concen: 96.444 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

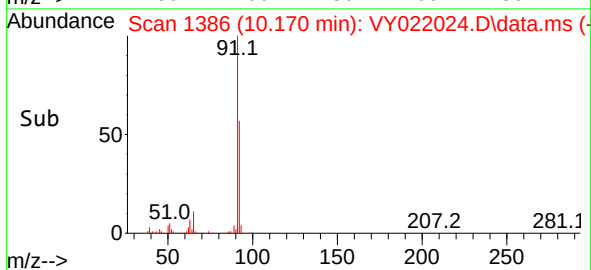
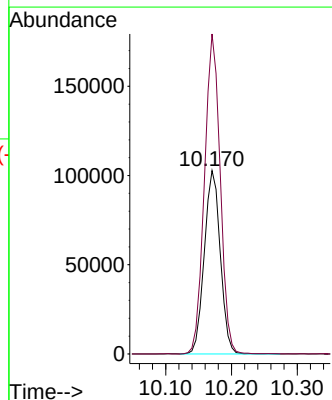
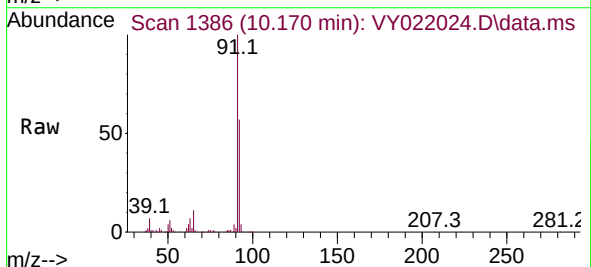
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

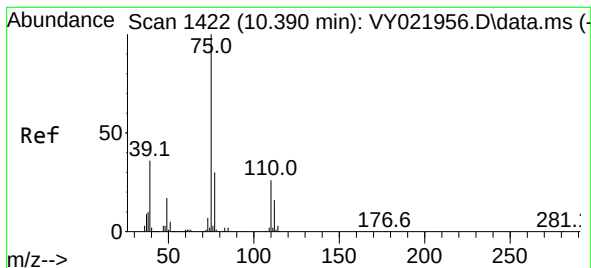
Tgt Ion: 43 Resp: 144427
Ion Ratio Lower Upper
43 100
58 46.1 36.6 55.0



#52
Toluene
Concen: 20.700 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 92 Resp: 173484
Ion Ratio Lower Upper
92 100
91 172.3 138.6 207.8

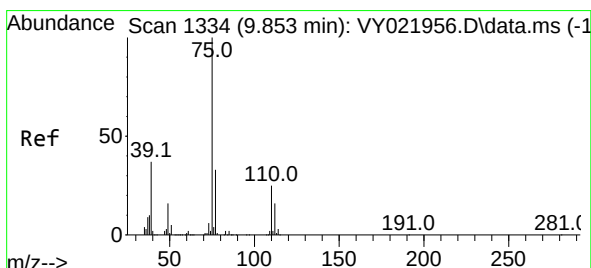
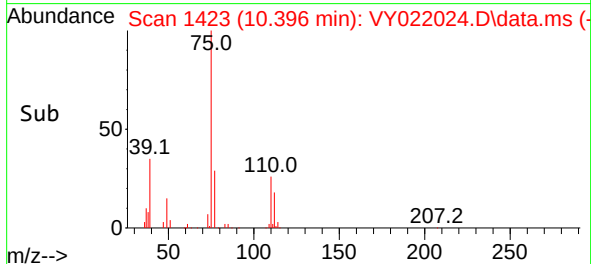
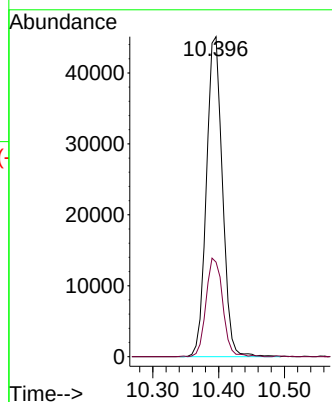
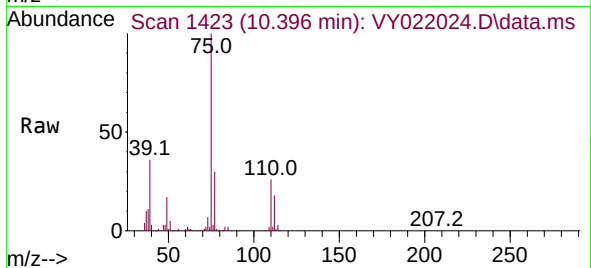




#53
 t-1,3-Dichloropropene
 Concen: 19.883 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022024.D
 Acq: 28 Apr 2025 12:02

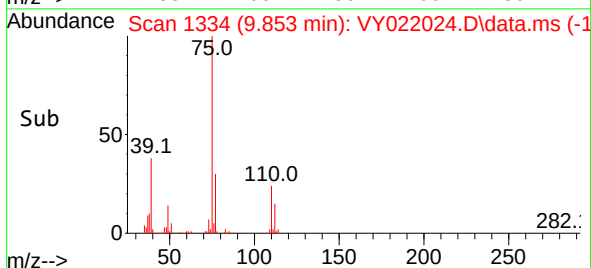
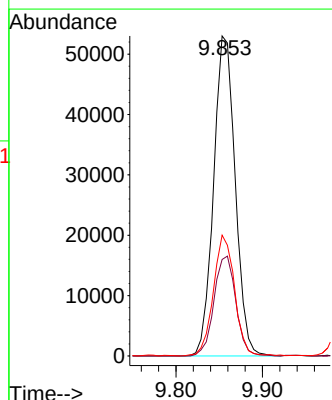
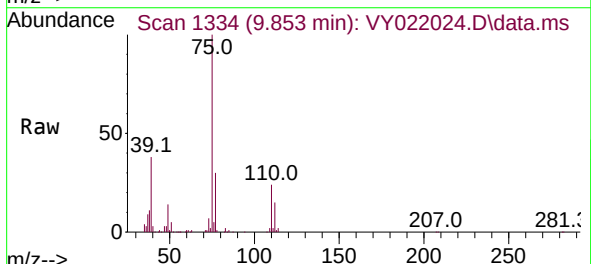
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

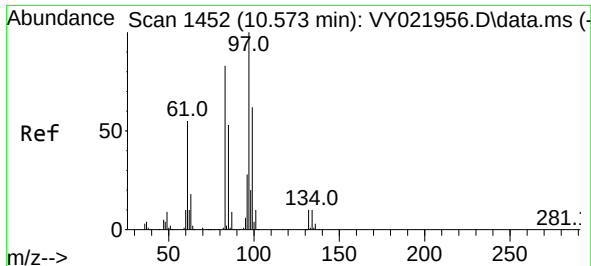
Tgt Ion: 75 Resp: 76364
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.137 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022024.D
 Acq: 28 Apr 2025 12:02

Tgt Ion: 75 Resp: 91935
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.6 40.0
 39 37.8 29.6 44.4



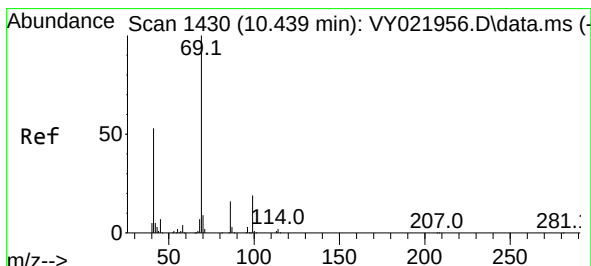
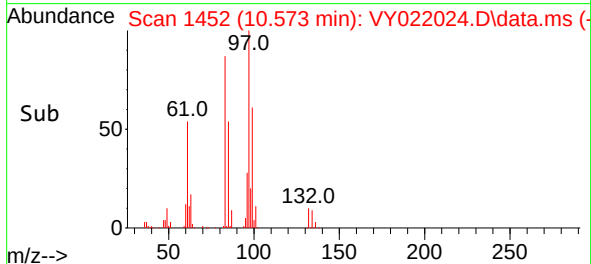
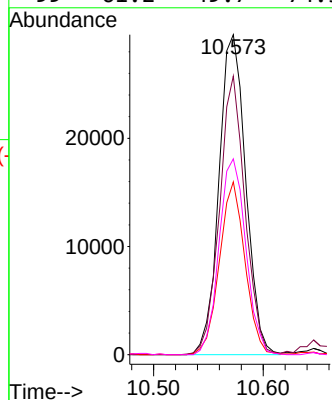
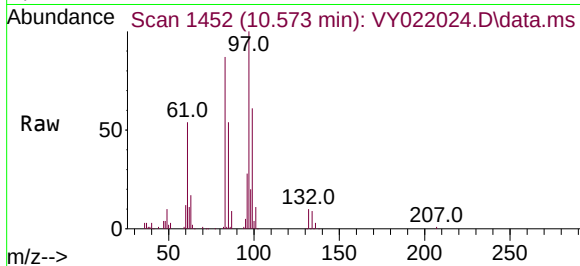


#55
1,1,2-Trichloroethane
Concen: 20.981 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

Tgt Ion: 97 Resp: 50233

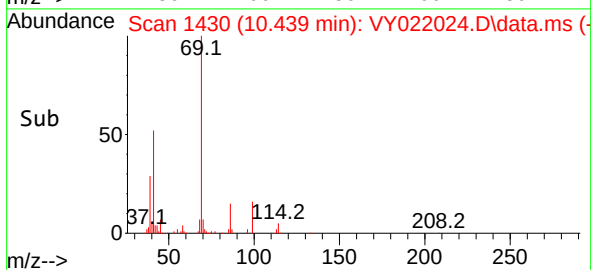
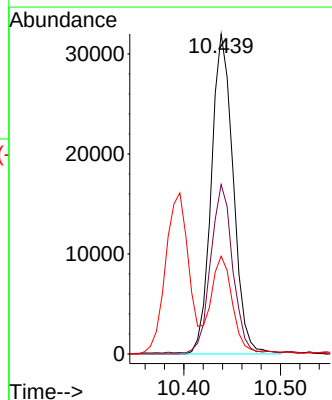
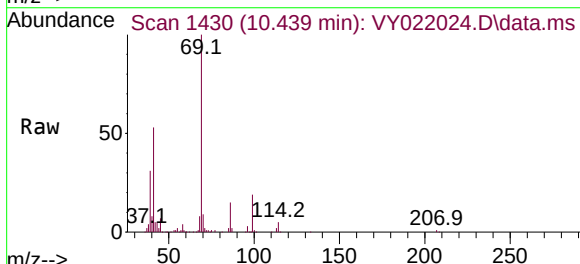
Ion	Ratio	Lower	Upper
97	100		
83	87.1	66.7	100.1
85	54.0	42.6	64.0
99	61.2	49.7	74.5

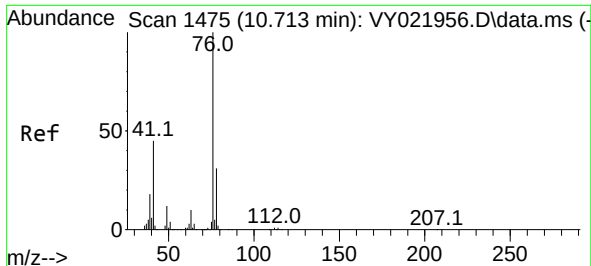


#56
Ethyl methacrylate
Concen: 18.381 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 69 Resp: 50325

Ion	Ratio	Lower	Upper
69	100		
41	52.6	40.7	61.1
39	31.2	23.3	34.9





#57

1,3-Dichloropropane

Concen: 20.097 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

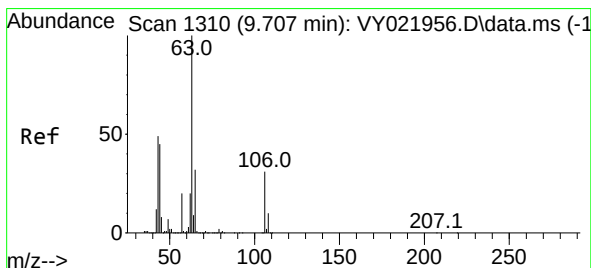
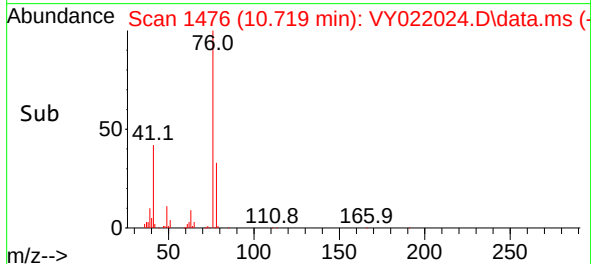
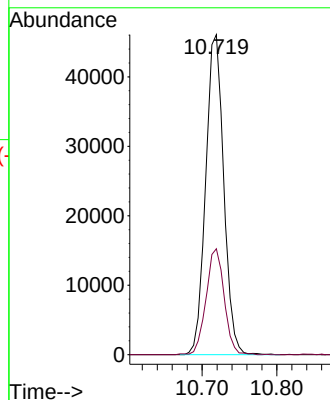
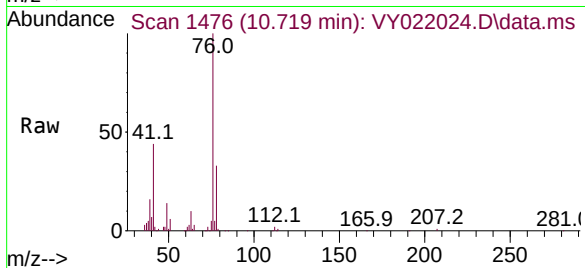
VY0428SBS01

Tgt Ion: 76 Resp: 77135

Ion Ratio Lower Upper

76 100

78 33.3 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.443 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022024.D

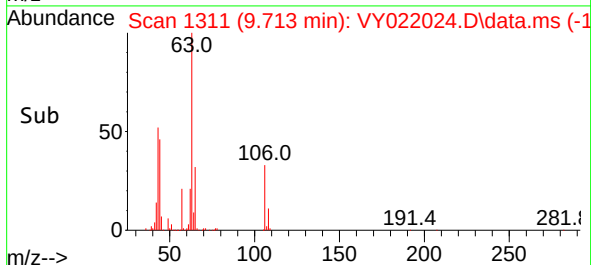
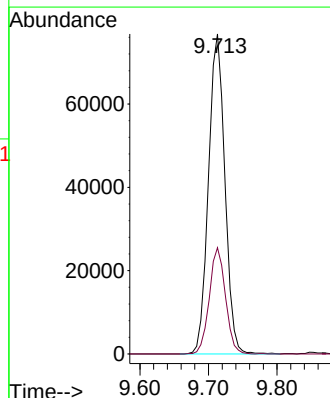
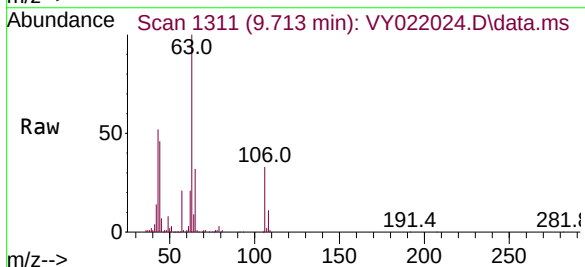
Acq: 28 Apr 2025 12:02

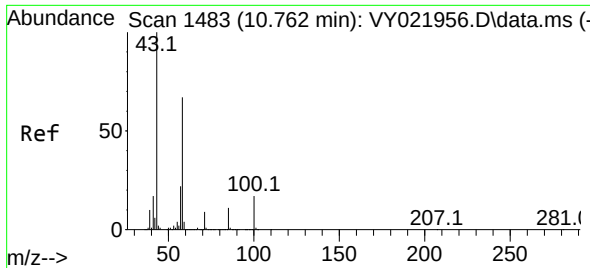
Tgt Ion: 63 Resp: 127764

Ion Ratio Lower Upper

63 100

106 32.7 25.3 37.9

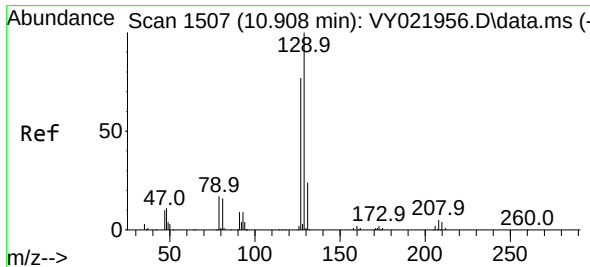
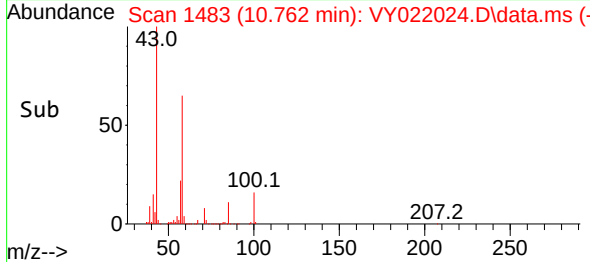
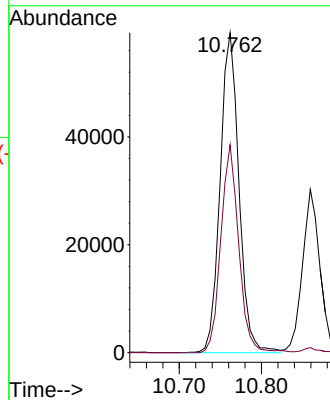
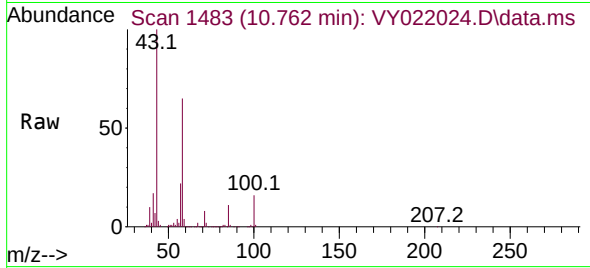




#59
2-Hexanone
Concen: 95.387 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

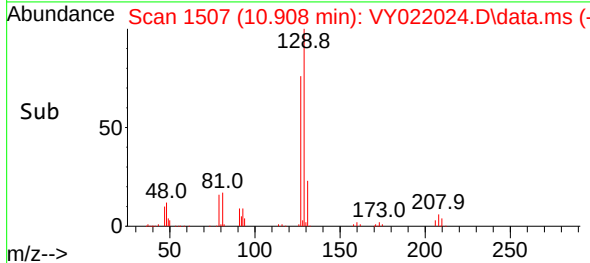
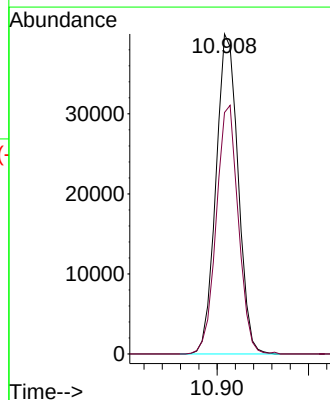
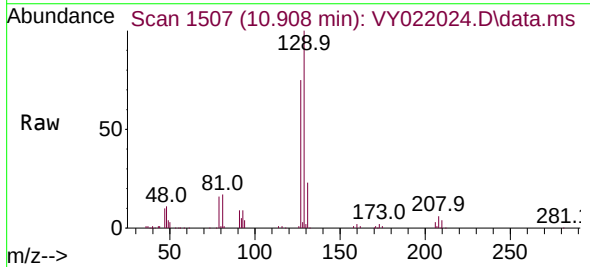
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

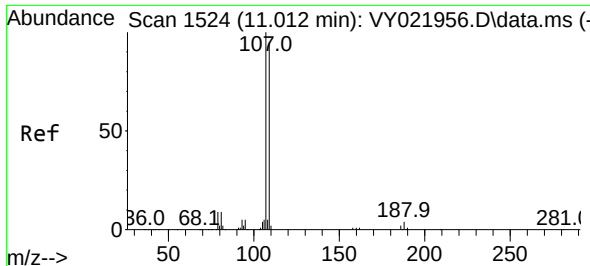
Tgt Ion: 43 Resp: 94218
Ion Ratio Lower Upper
43 100
58 61.9 32.0 96.0



#60
Dibromochloromethane
Concen: 20.304 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 129 Resp: 67301
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3

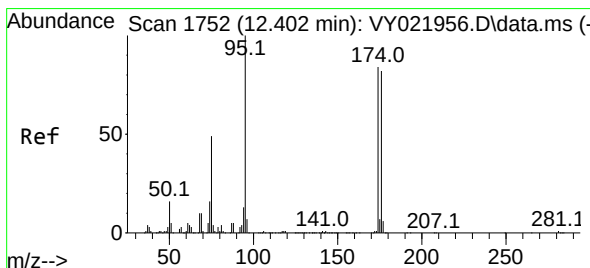
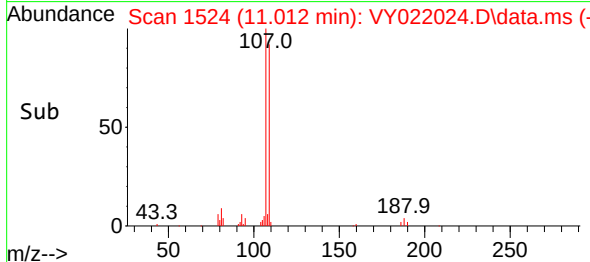
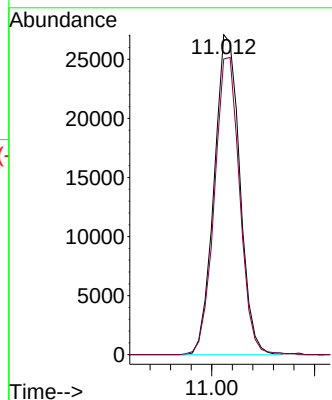
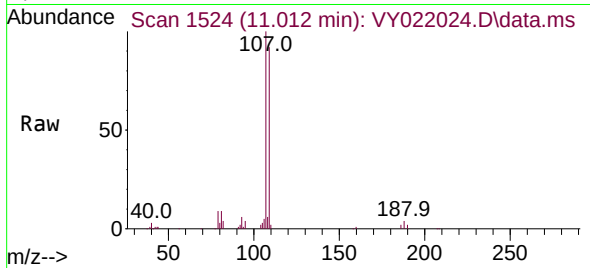




#61
1,2-Dibromoethane
Concen: 20.658 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

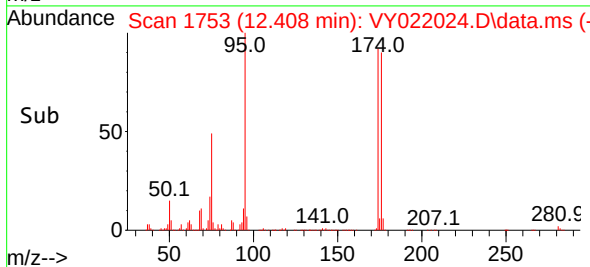
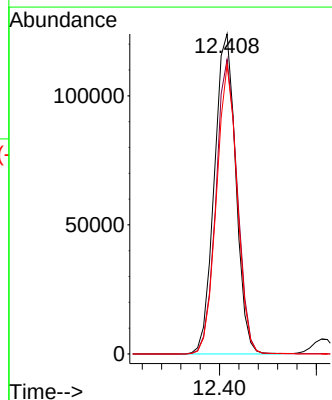
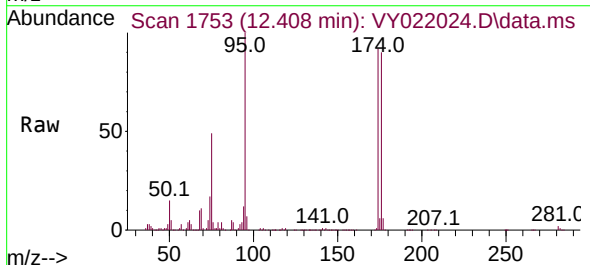
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

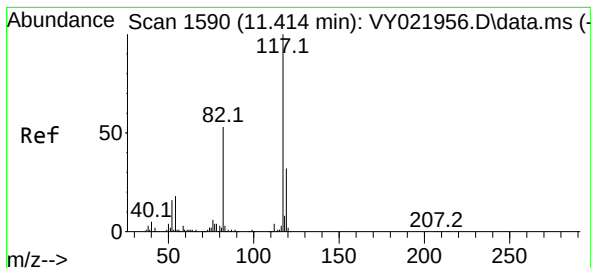
Tgt Ion:107 Resp: 46692
Ion Ratio Lower Upper
107 100
109 91.8 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 48.805 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 95 Resp: 190988
Ion Ratio Lower Upper
95 100
174 91.4 0.0 179.0
176 87.4 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: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

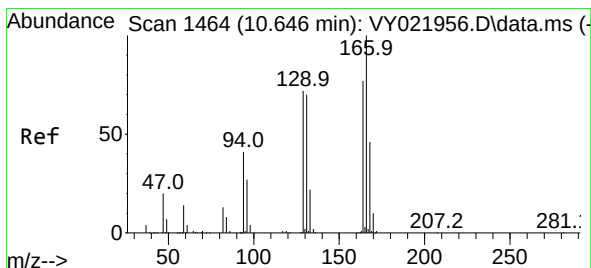
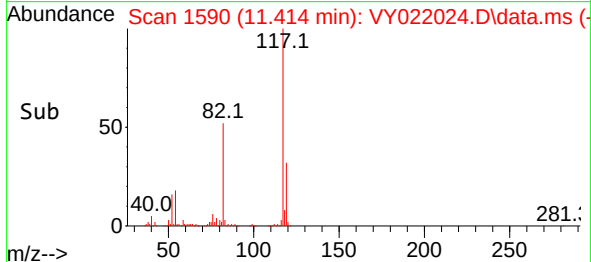
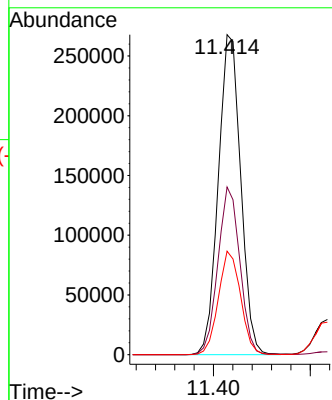
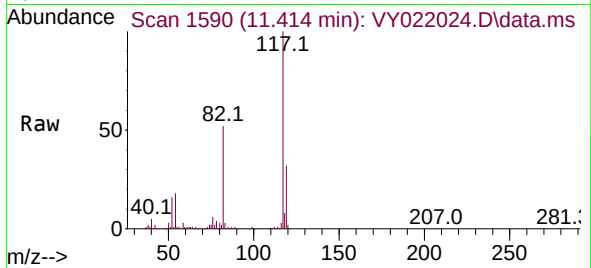
Tgt Ion:117 Resp: 430101

Ion Ratio Lower Upper

117 100

82 52.4 42.1 63.1

119 32.3 25.7 38.5



#64

Tetrachloroethene

Concen: 20.462 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Tgt Ion:164 Resp: 83023

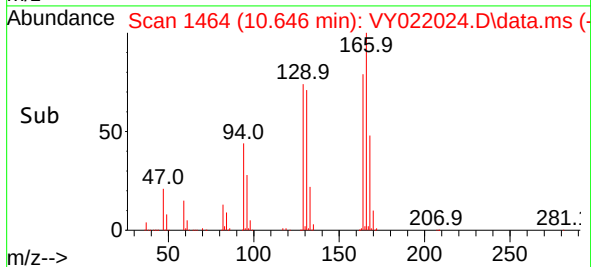
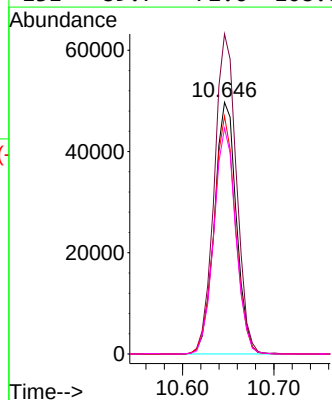
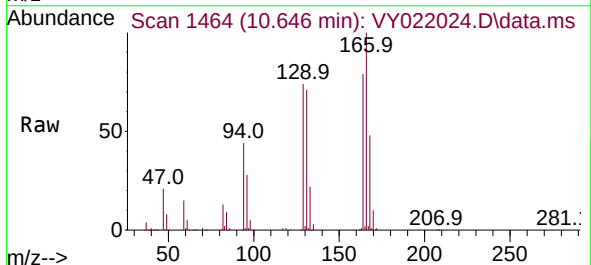
Ion Ratio Lower Upper

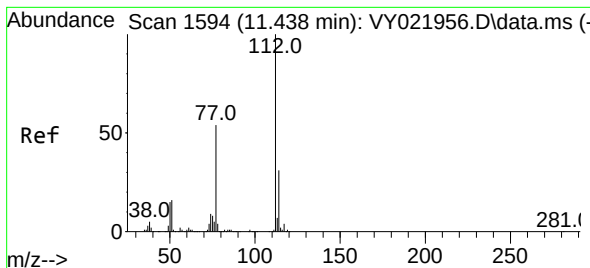
164 100

166 127.1 103.6 155.4

129 94.4 74.2 111.4

131 89.7 72.6 108.8





#65

Chlorobenzene

Concen: 19.892 ug/l

RT: 11.445 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

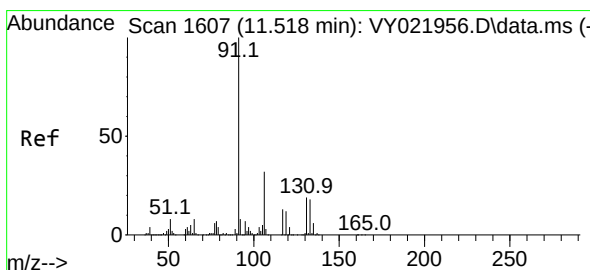
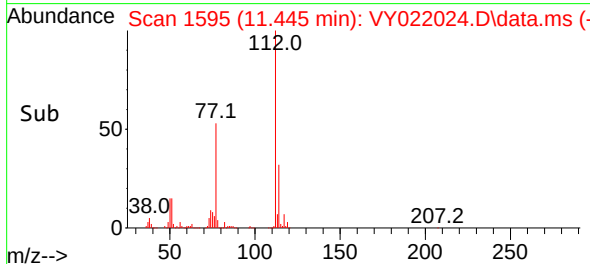
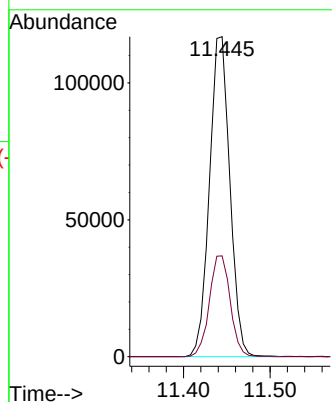
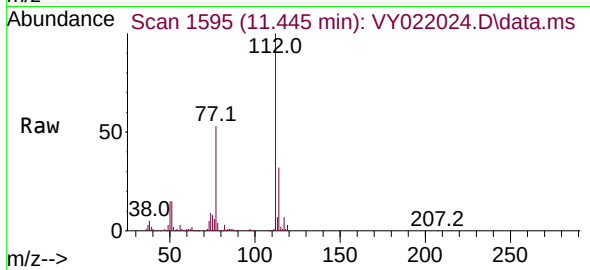
VY0428SBS01

Tgt Ion:112 Resp: 191323

Ion Ratio Lower Upper

112 100

114 31.5 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.558 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

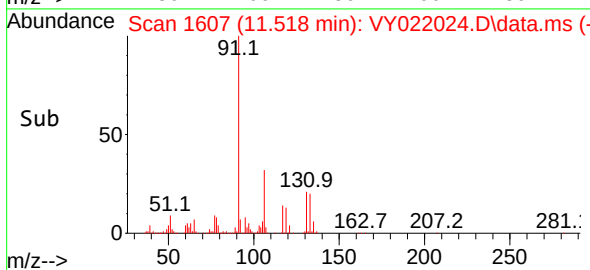
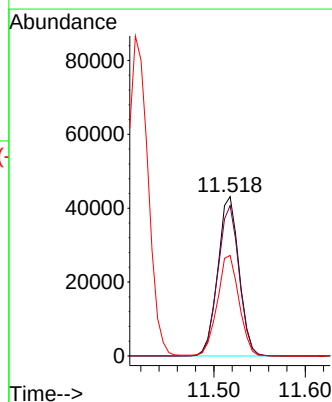
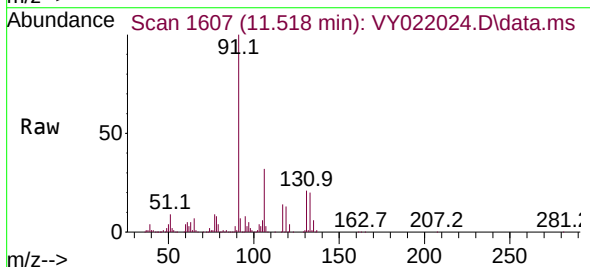
Tgt Ion:131 Resp: 69613

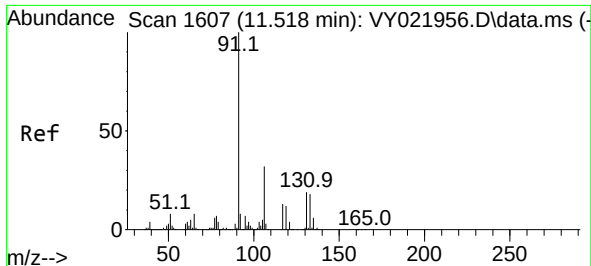
Ion Ratio Lower Upper

131 100

133 94.7 47.8 143.3

119 64.9 32.4 97.0





#67

Ethyl Benzene

Concen: 19.716 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

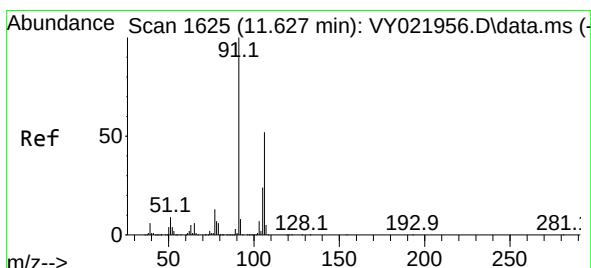
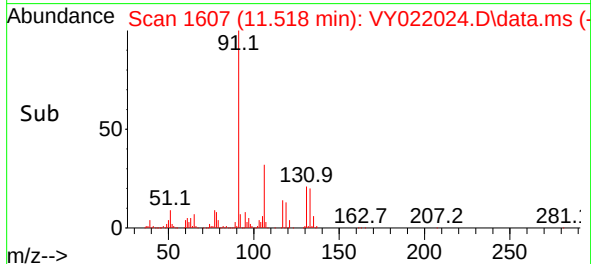
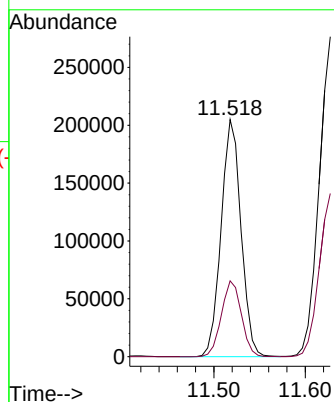
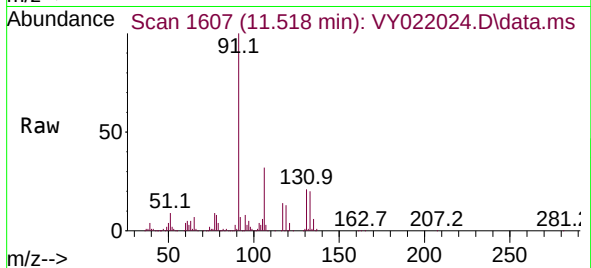
VY0428SBS01

Tgt Ion: 91 Resp: 310207

Ion Ratio Lower Upper

91 100

106 32.0 25.9 38.9



#68

m/p-Xylenes

Concen: 40.415 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022024.D

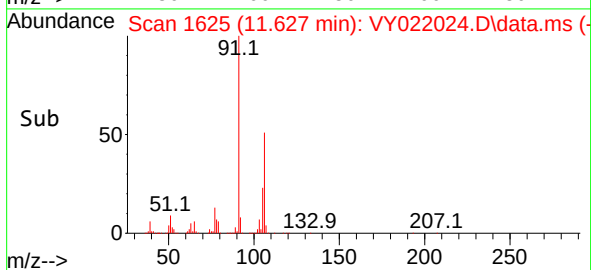
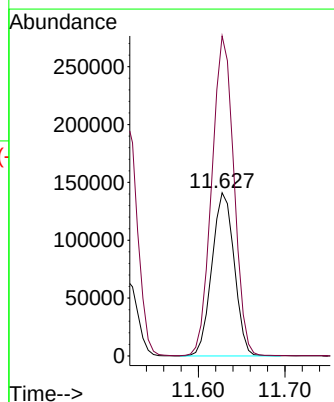
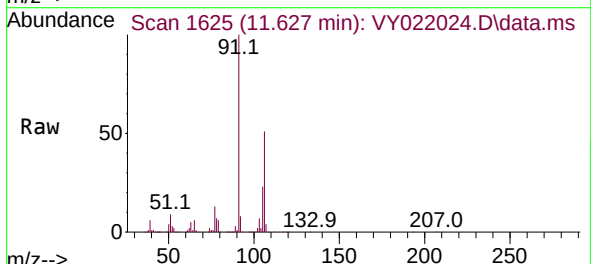
Acq: 28 Apr 2025 12:02

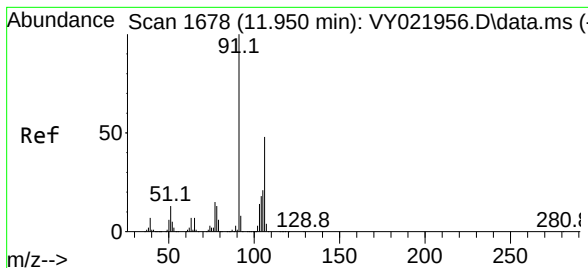
Tgt Ion: 106 Resp: 253033

Ion Ratio Lower Upper

106 100

91 194.0 156.2 234.2

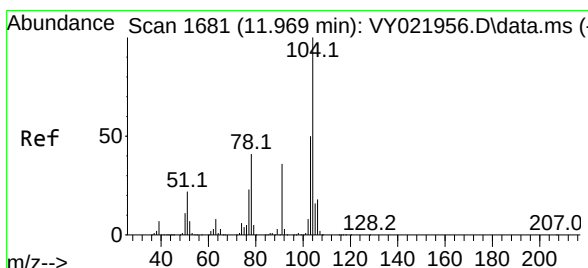
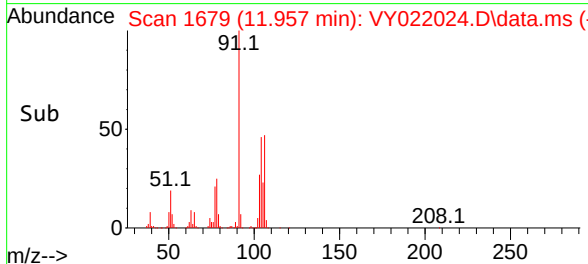
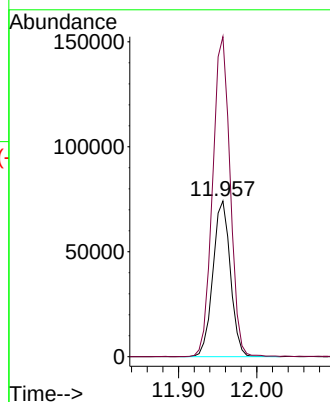
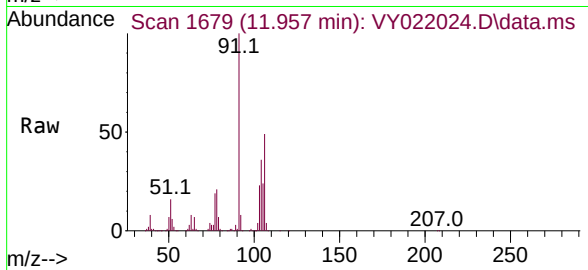




#69
o-Xylene
Concen: 19.899 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

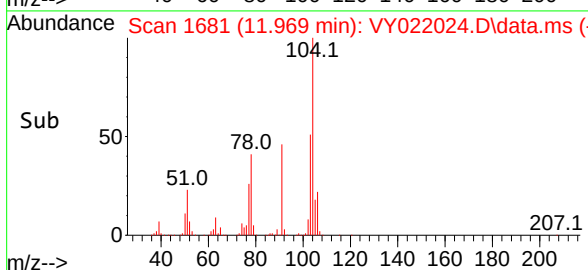
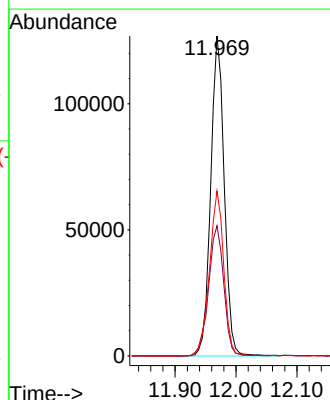
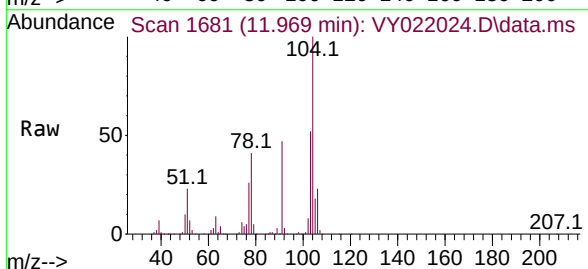
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

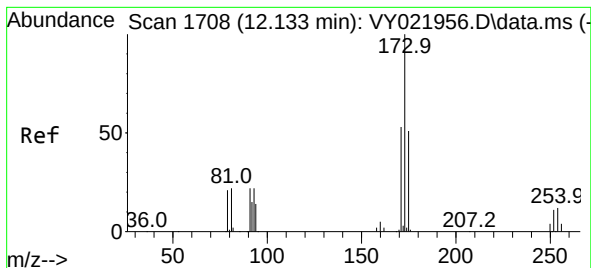
Tgt Ion:106 Resp: 114827
Ion Ratio Lower Upper
106 100
91 206.5 103.0 308.9



#70
Styrene
Concen: 20.210 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion:104 Resp: 195808
Ion Ratio Lower Upper
104 100
78 45.6 36.6 54.8
103 54.4 43.8 65.8





#71

Bromoform

Concen: 20.560 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBSD01

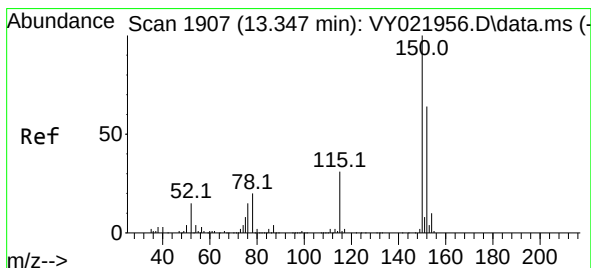
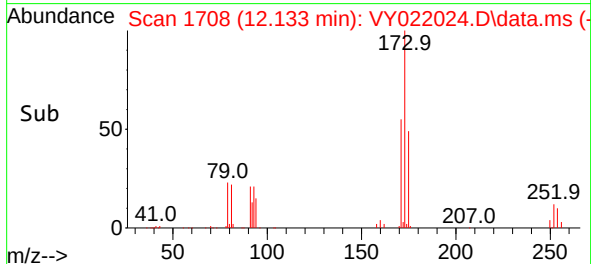
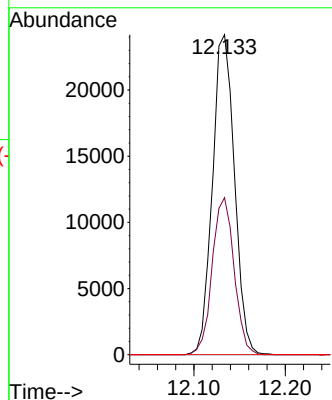
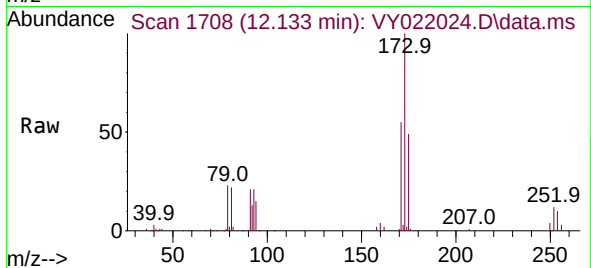
Tgt Ion:173 Resp: 40476

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

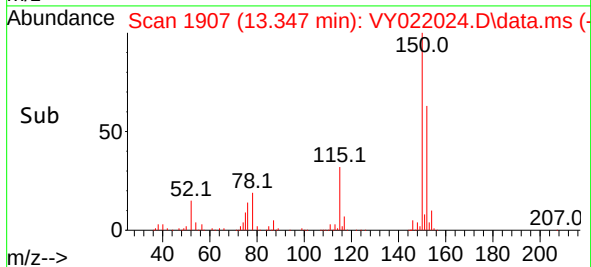
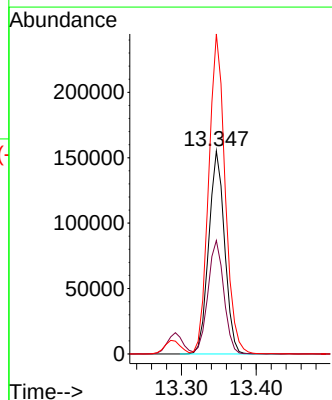
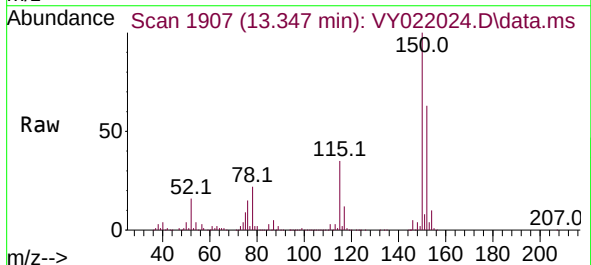
Tgt Ion:152 Resp: 228742

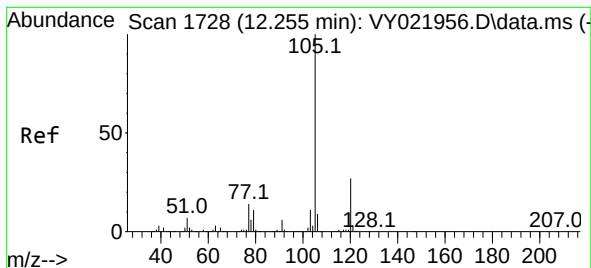
Ion Ratio Lower Upper

152 100

115 55.8 28.0 84.0

150 163.6 0.0 345.6





#73

Isopropylbenzene

Concen: 19.549 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

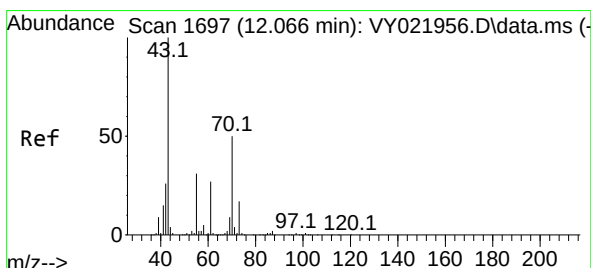
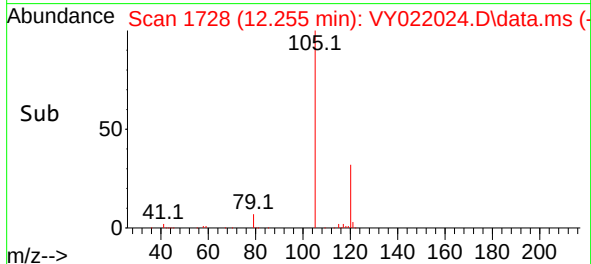
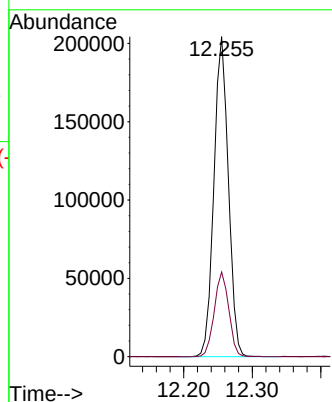
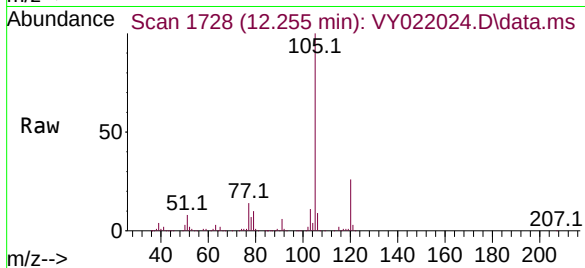
VY0428SBSD01

Tgt Ion:105 Resp: 298757

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.5



#74

N-ethyl acetate

Concen: 17.999 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Tgt Ion: 43 Resp: 47258

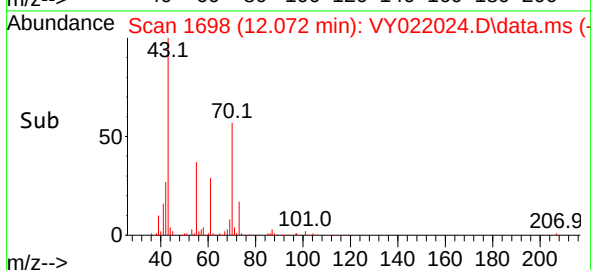
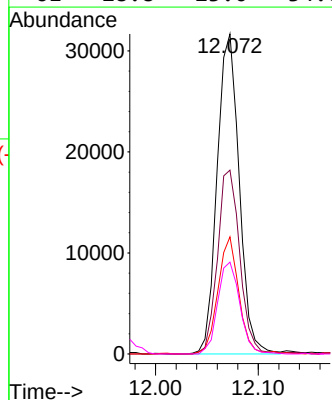
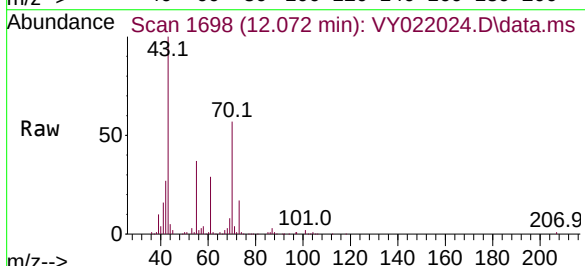
Ion Ratio Lower Upper

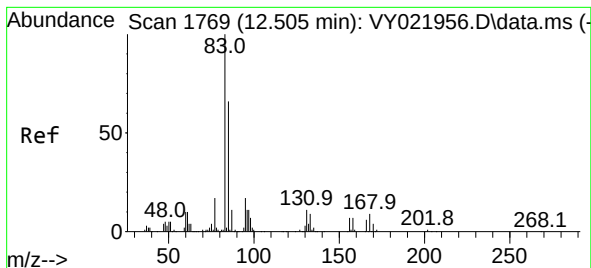
43 100

70 58.2 43.2 64.8

55 34.8 25.7 38.5

61 28.8 23.0 34.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.701 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

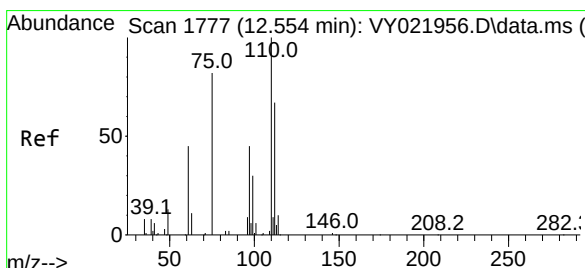
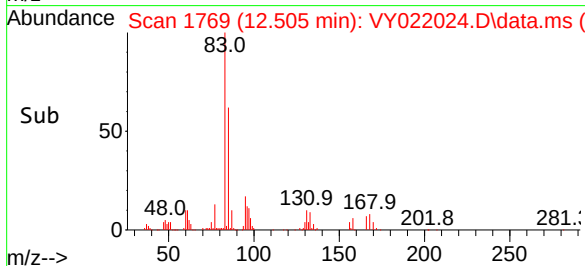
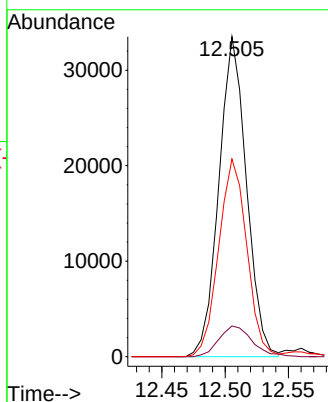
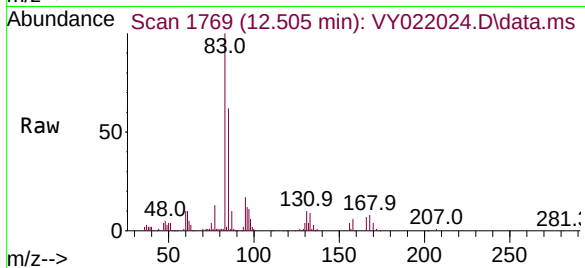
Tgt Ion: 83 Resp: 50760

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.4

85 63.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 33.152 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY022024.D

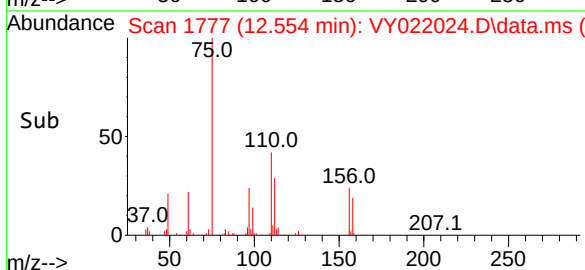
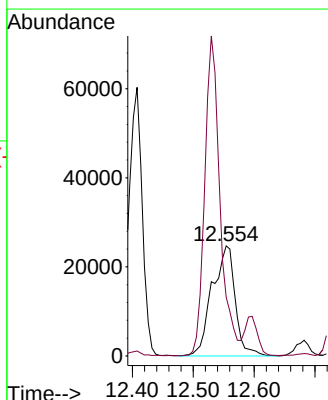
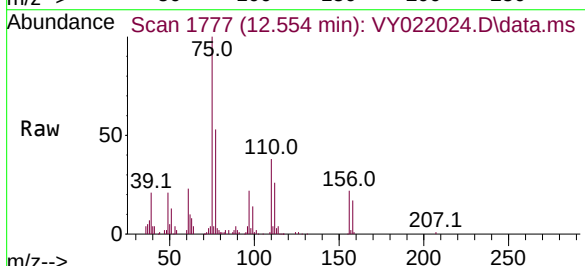
Acq: 28 Apr 2025 12:02

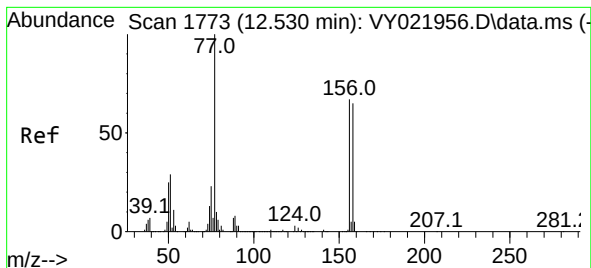
Tgt Ion: 75 Resp: 64954

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.371 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

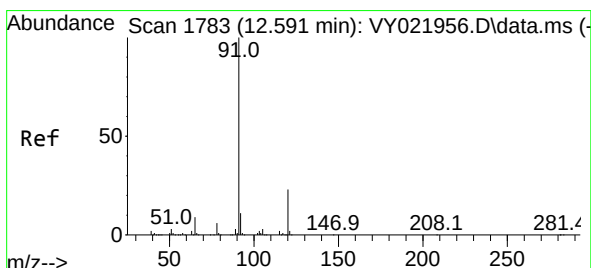
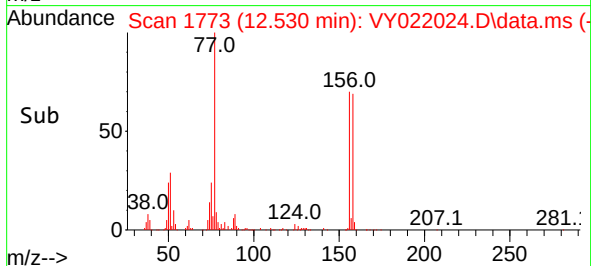
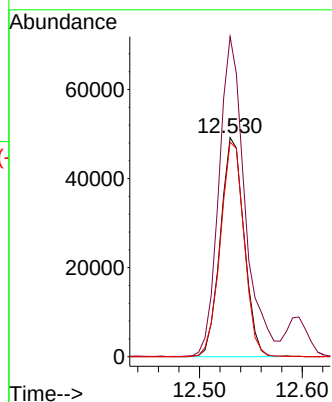
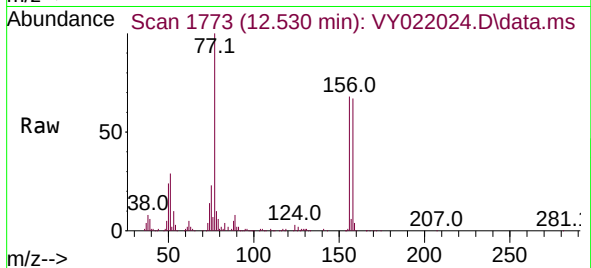
Tgt Ion:156 Resp: 78665

Ion Ratio Lower Upper

156 100

77 160.9 82.7 248.1

158 97.8 48.1 144.4



#78

n-propylbenzene

Concen: 19.846 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022024.D

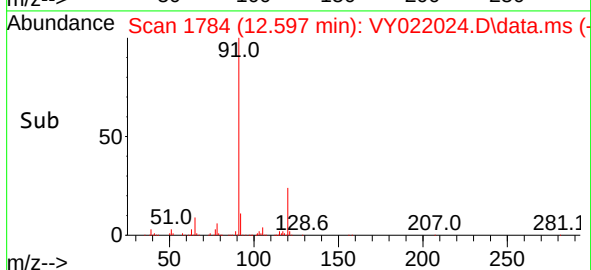
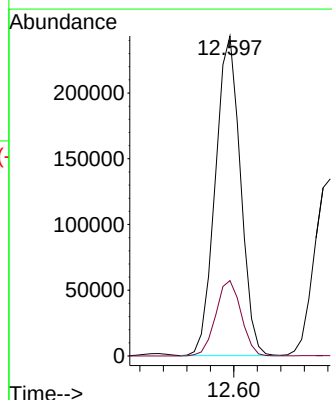
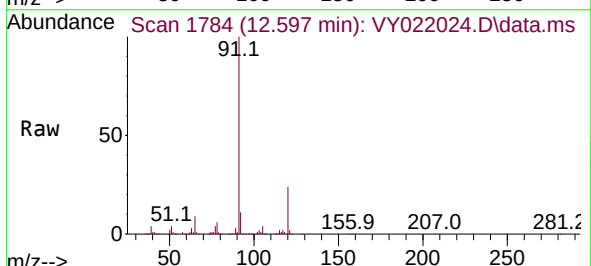
Acq: 28 Apr 2025 12:02

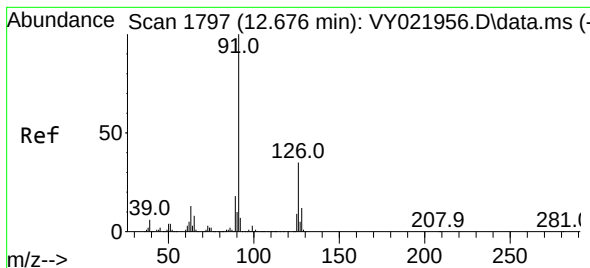
Tgt Ion: 91 Resp: 361182

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.5

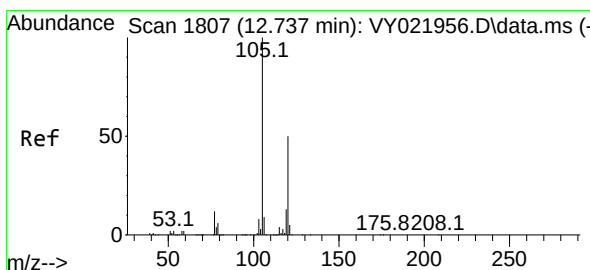
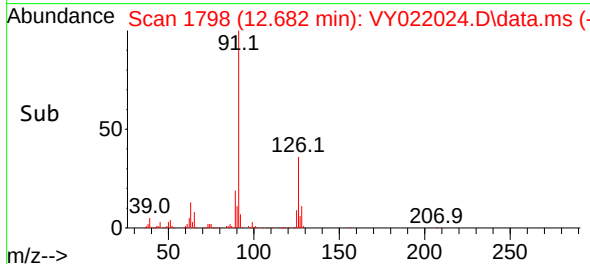
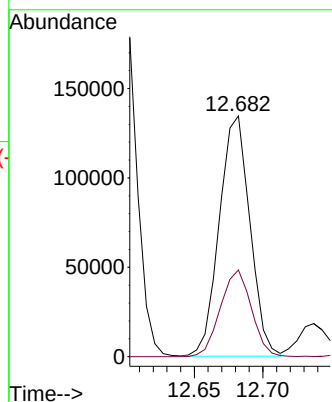
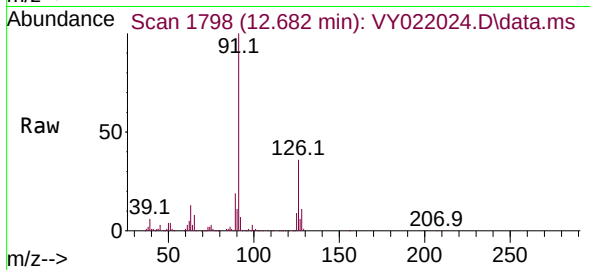




#79
2-Chlorotoluene
Concen: 19.762 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

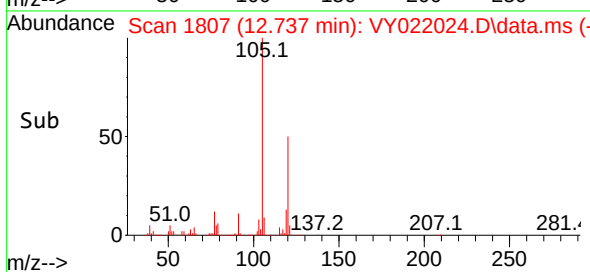
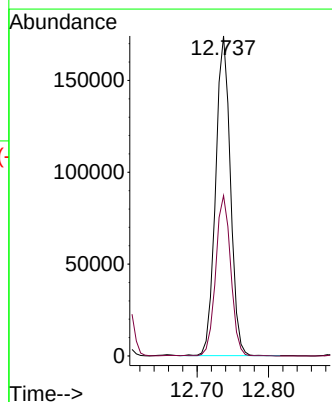
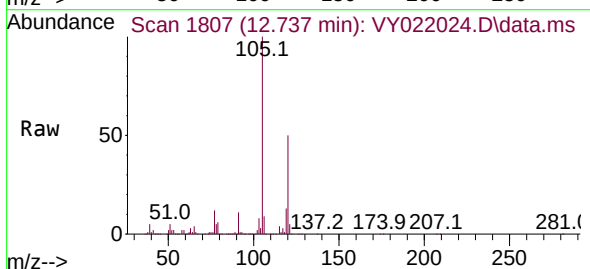
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBS01

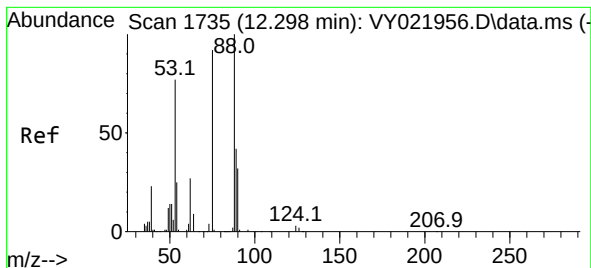
Tgt Ion: 91 Resp: 209164
Ion Ratio Lower Upper
91 100
126 36.4 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 19.833 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 105 Resp: 249733
Ion Ratio Lower Upper
105 100
120 50.9 25.0 75.0

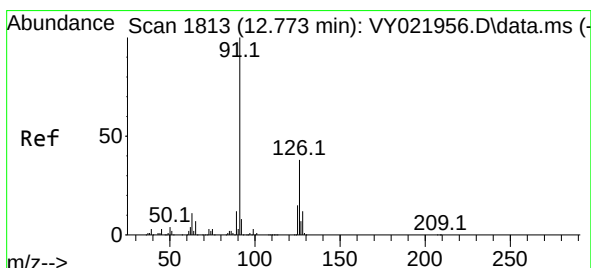
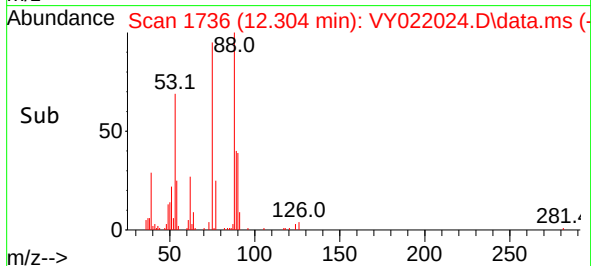
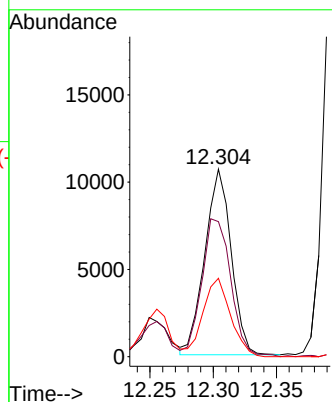
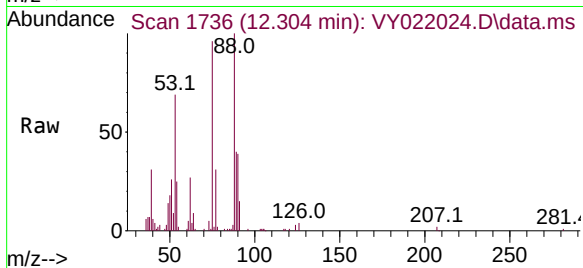




#81
trans-1,4-Dichloro-2-butene
Concen: 19.001 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

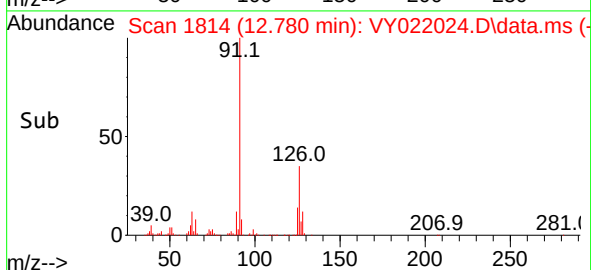
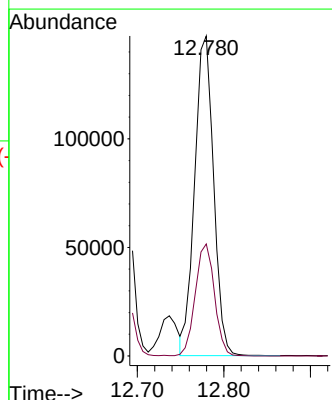
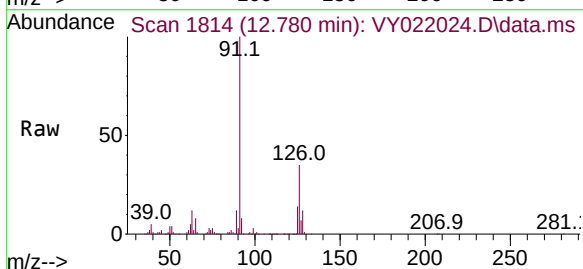
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBSD01

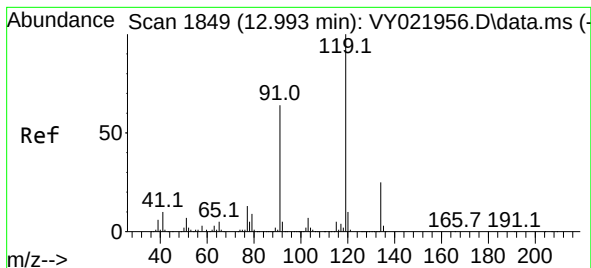
Tgt Ion: 75 Resp: 15459
Ion Ratio Lower Upper
75 100
53 82.0 66.0 99.0
89 44.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.280 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022024.D
Acq: 28 Apr 2025 12:02

Tgt Ion: 91 Resp: 223135
Ion Ratio Lower Upper
91 100
126 35.6 17.9 53.8





#83

tert-Butylbenzene

Concen: 19.424 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

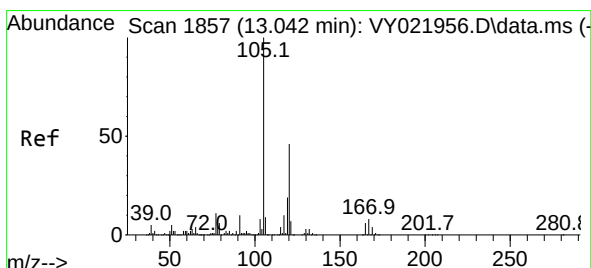
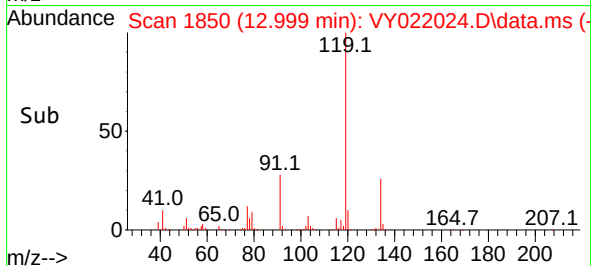
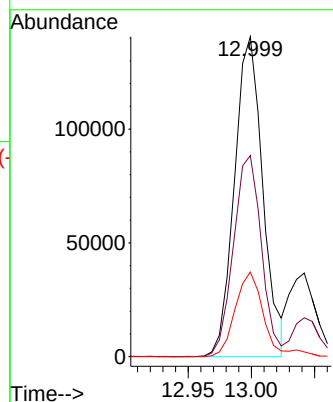
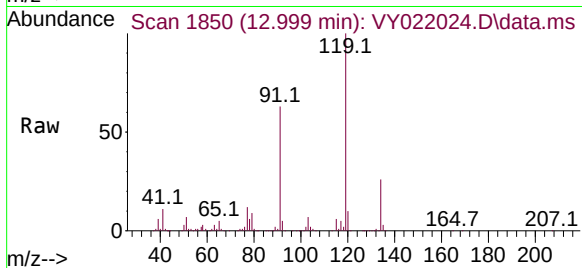
Tgt Ion:119 Resp: 219359

Ion Ratio Lower Upper

119 100

91 62.1 30.3 90.9

134 26.8 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.995 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022024.D

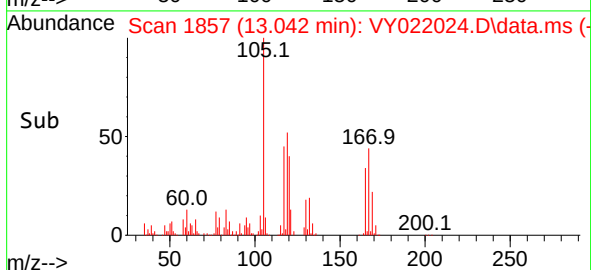
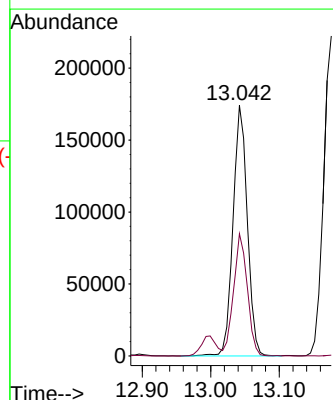
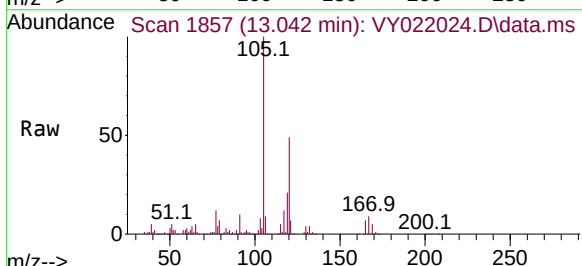
Acq: 28 Apr 2025 12:02

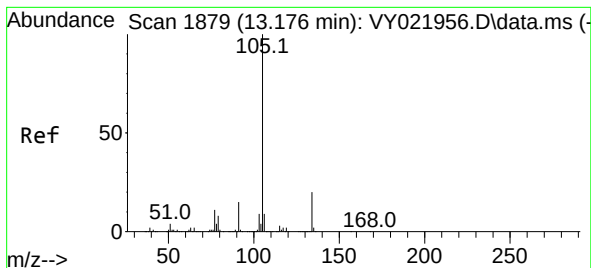
Tgt Ion:105 Resp: 251831

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.608 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

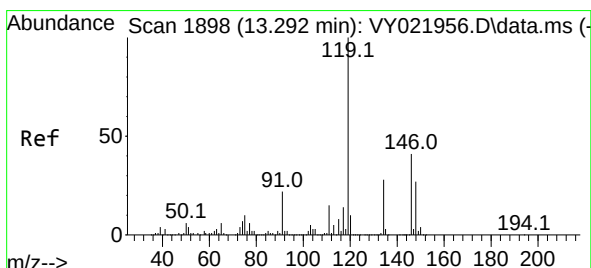
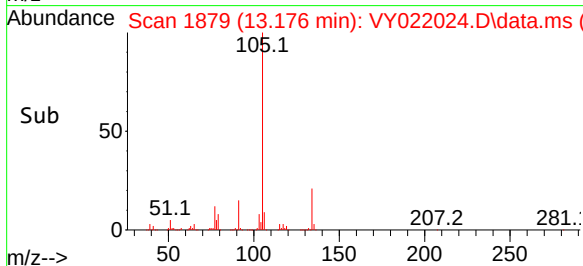
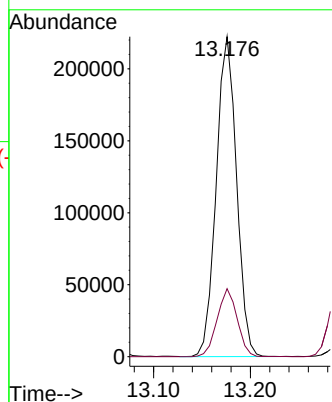
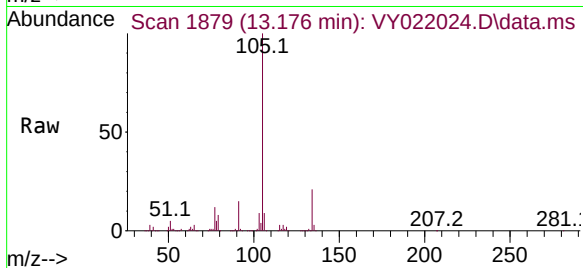
VY0428SBS01

Tgt Ion:105 Resp: 324017

Ion Ratio Lower Upper

105 100

134 20.9 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.760 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

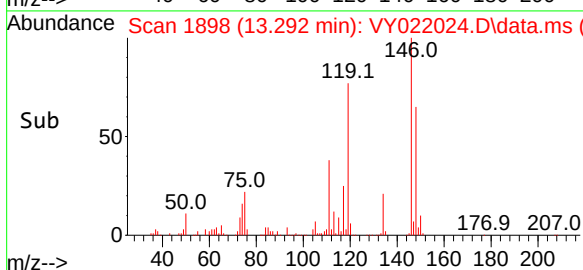
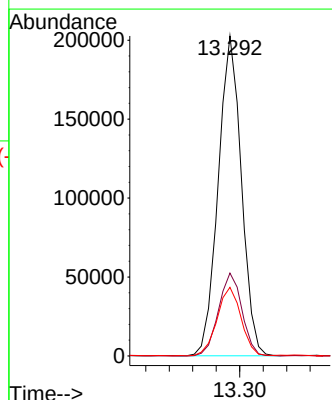
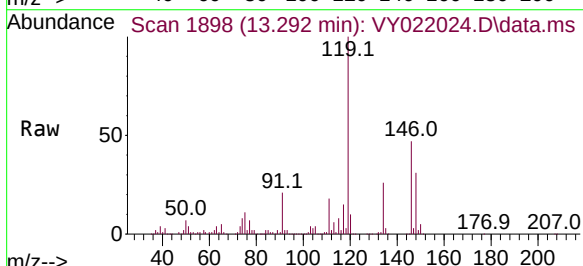
Tgt Ion:119 Resp: 277280

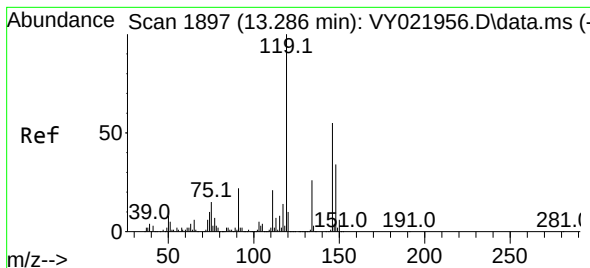
Ion Ratio Lower Upper

119 100

134 26.2 13.6 40.7

91 22.2 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 20.030 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

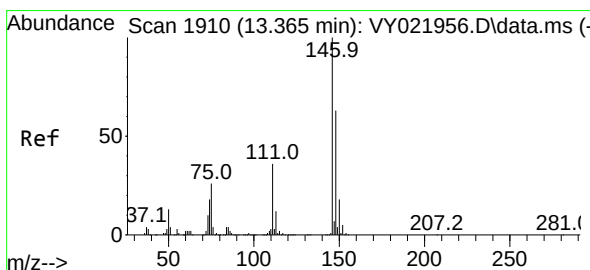
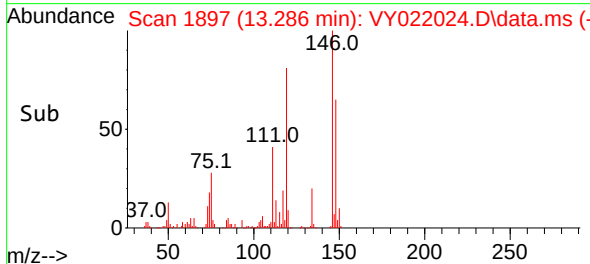
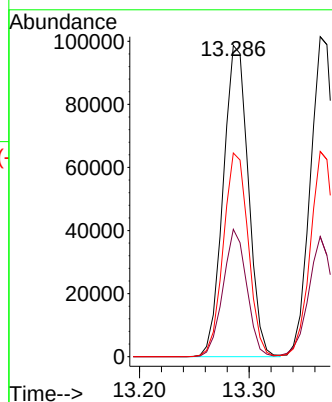
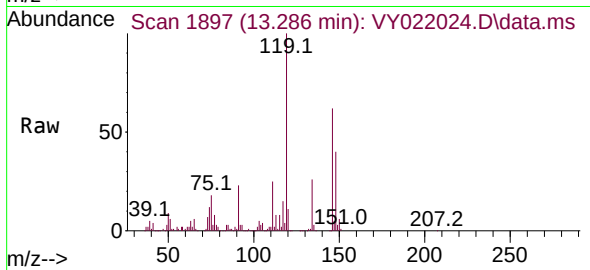
Tgt Ion:146 Resp: 157100

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

148 64.7 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.398 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

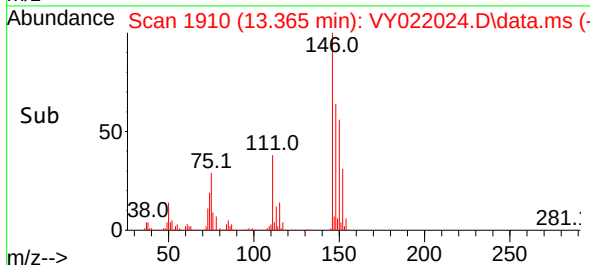
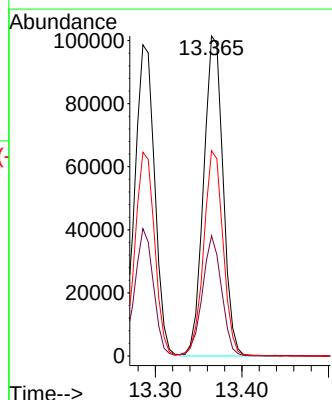
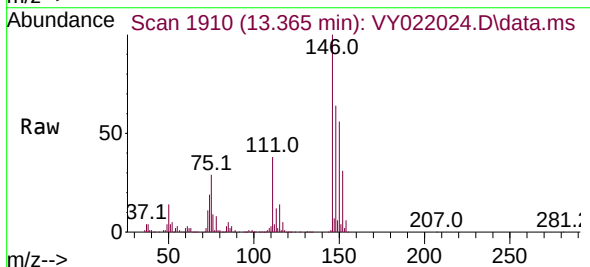
Tgt Ion:146 Resp: 158444

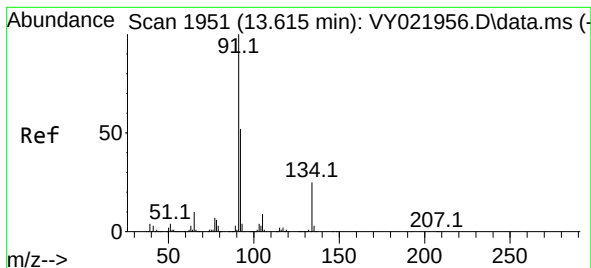
Ion Ratio Lower Upper

146 100

111 37.0 19.2 57.6

148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 18.964 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

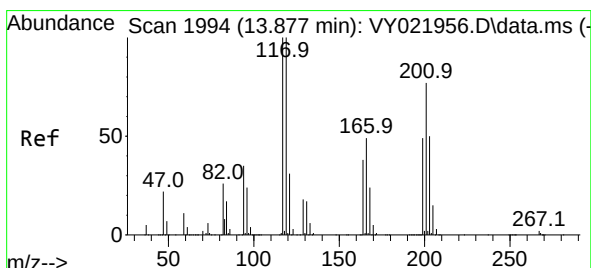
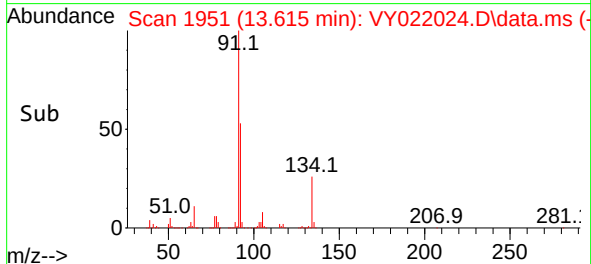
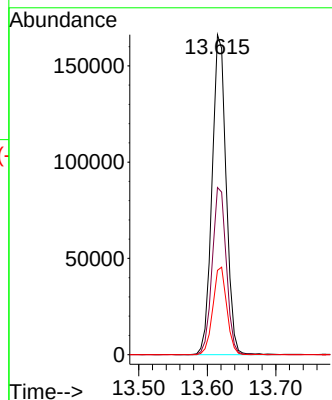
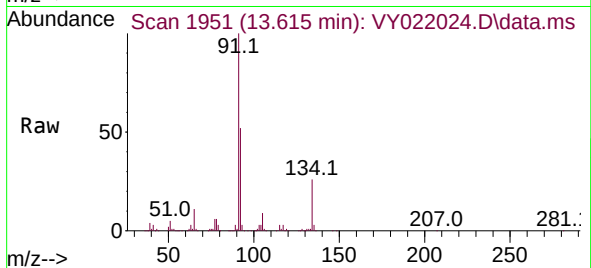
Tgt Ion: 91 Resp: 237857

Ion Ratio Lower Upper

91 100

92 52.4 26.5 79.5

134 27.0 13.4 40.1



#90

Hexachloroethane

Concen: 19.609 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022024.D

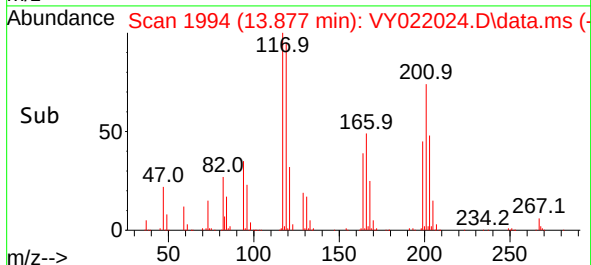
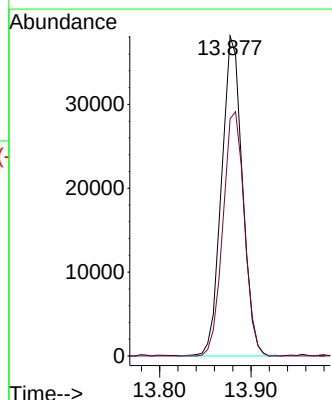
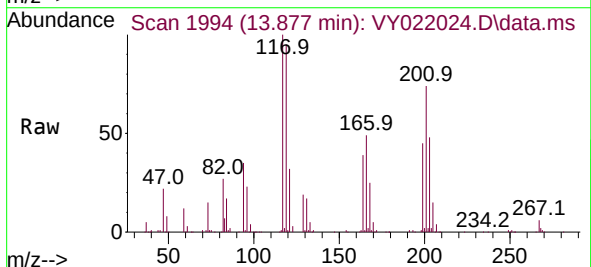
Acq: 28 Apr 2025 12:02

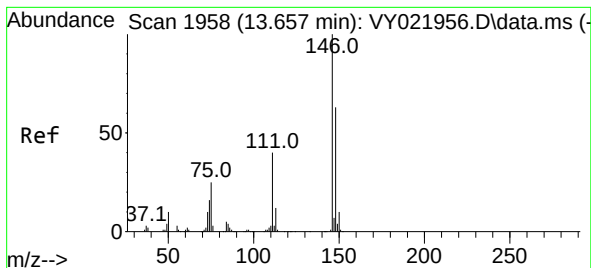
Tgt Ion: 117 Resp: 60454

Ion Ratio Lower Upper

117 100

201 78.6 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 20.070 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01

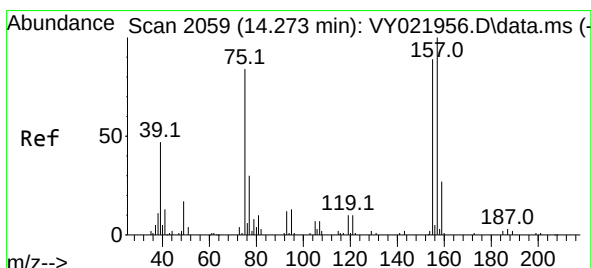
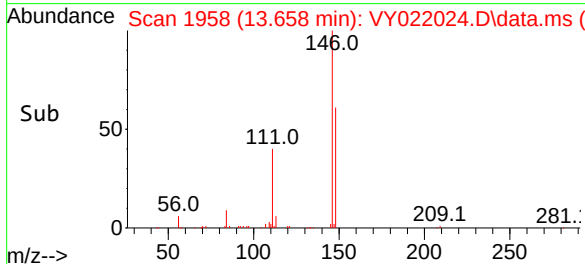
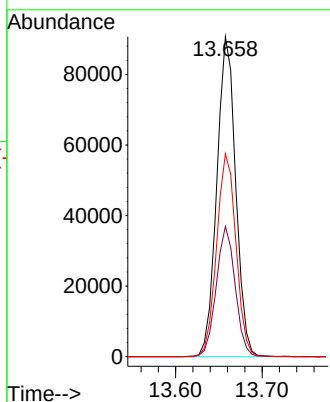
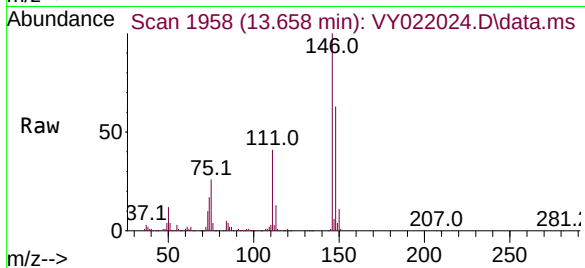
Tgt Ion:146 Resp: 137294

Ion Ratio Lower Upper

146 100

111 40.7 19.7 59.1

148 65.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.238 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

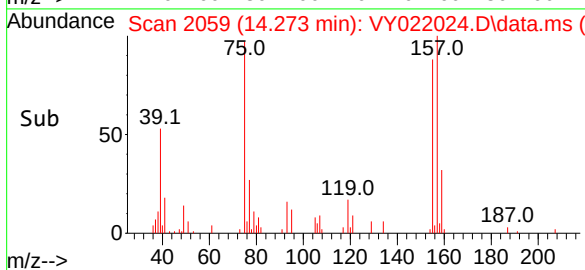
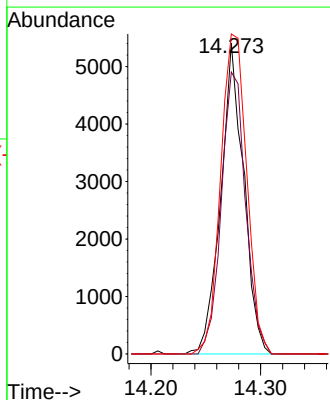
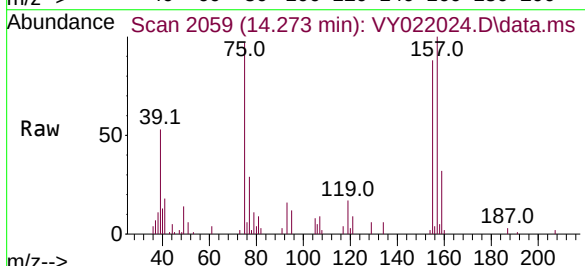
Tgt Ion: 75 Resp: 7886

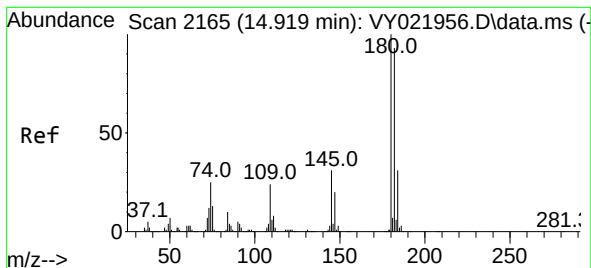
Ion Ratio Lower Upper

75 100

155 96.0 50.7 152.3

157 116.8 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 19.324 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022024.D

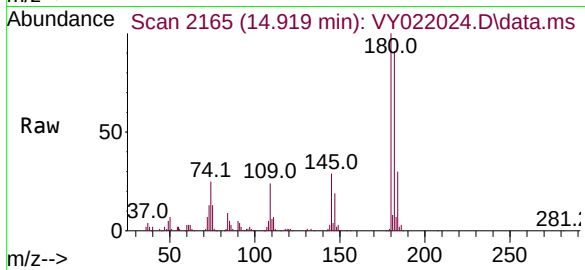
Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBS01



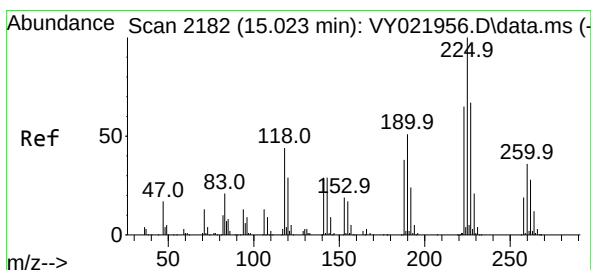
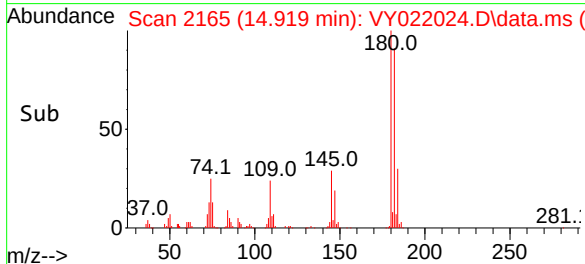
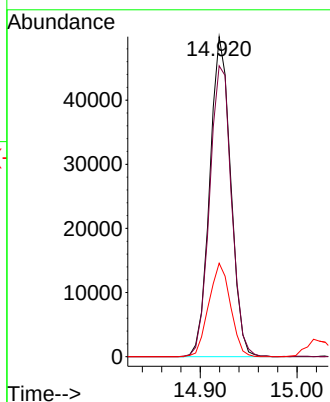
Tgt Ion:180 Resp: 74907

Ion Ratio Lower Upper

180 100

182 95.1 47.1 141.4

145 30.4 15.0 45.0



#94

Hexachlorobutadiene

Concen: 20.206 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

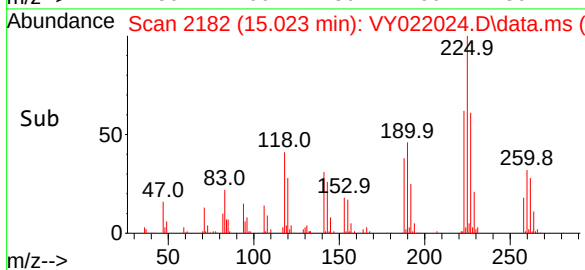
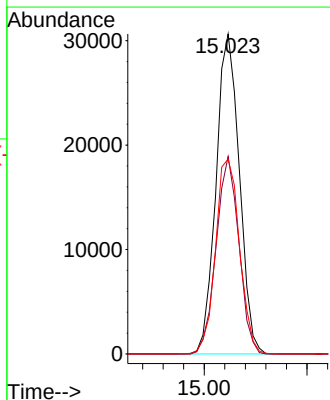
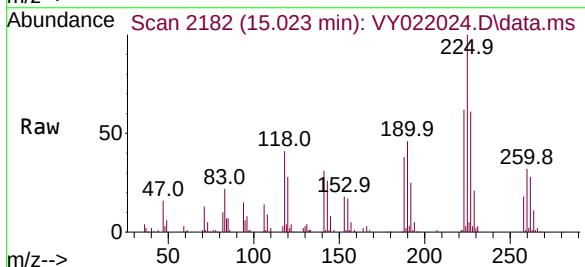
Tgt Ion:225 Resp: 48192

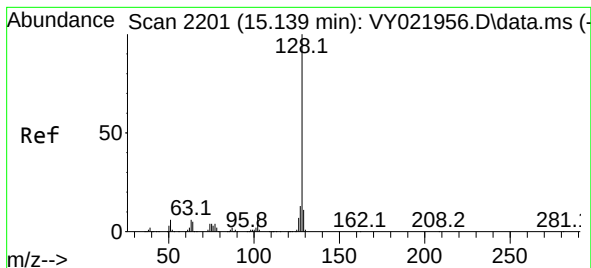
Ion Ratio Lower Upper

225 100

223 59.8 31.9 95.5

227 62.9 32.3 96.9





#95

Naphthalene

Concen: 17.671 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBSD01

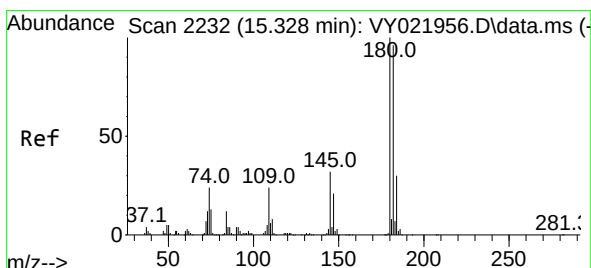
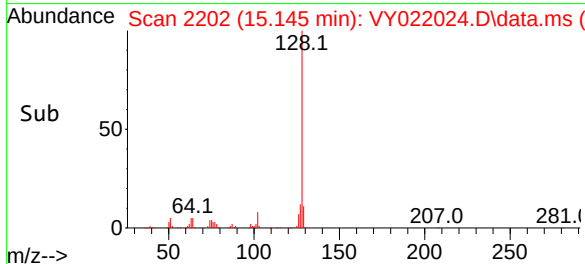
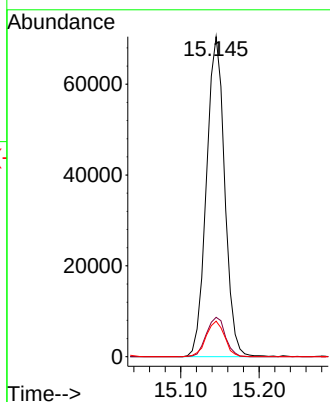
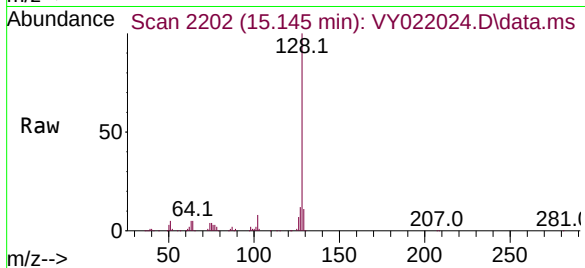
Tgt Ion:128 Resp: 113791

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.510 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022024.D

Acq: 28 Apr 2025 12:02

Tgt Ion:180 Resp: 65284

Ion Ratio Lower Upper

180 100

182 94.9 48.1 144.4

145 30.8 16.0 48.0

