

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021828.D
 Acq On : 10 Apr 2025 10:59
 Operator : SY/MD
 Sample : VY0410SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0410SBS01

Quant Time: Apr 11 01:49:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	202932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	310477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	276303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	144045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	108092	49.162	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.320%
35) Dibromofluoromethane	7.634	113	107537	53.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.780%
50) Toluene-d8	10.109	98	416120	54.310	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.620%
62) 4-Bromofluorobenzene	12.408	95	138064	53.273	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.540%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	38628	18.365	ug/l	99
3) Chloromethane	2.068	50	58925	19.923	ug/l	96
4) Vinyl Chloride	2.208	62	64218	19.200	ug/l	98
5) Bromomethane	2.592	94	43240	18.954	ug/l	99
6) Chloroethane	2.739	64	42301	19.327	ug/l	99
7) Trichlorofluoromethane	3.062	101	83189	19.415	ug/l	99
8) Diethyl Ether	3.458	74	21206	18.199	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	46562	20.604	ug/l	99
10) Methyl Iodide	4.007	142	53784	21.694	ug/l	98
11) Tert butyl alcohol	4.879	59	10132	70.946	ug/l	95
12) 1,1-Dichloroethene	3.793	96	42528	19.980	ug/l	99
13) Acrolein	3.653	56	11686	44.814	ug/l	94
14) Allyl chloride	4.385	41	65088	19.178	ug/l	99
15) Acrylonitrile	5.068	53	43512	89.436	ug/l	98
16) Acetone	3.873	43	41416	92.038	ug/l	96
17) Carbon Disulfide	4.110	76	130398	18.599	ug/l	97
18) Methyl Acetate	4.397	43	20074	17.999	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	92229	17.404	ug/l	98
20) Methylene Chloride	4.622	84	50670	20.749	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	45867	19.571	ug/l	97
22) Diisopropyl ether	6.019	45	141226	19.837	ug/l	96
23) Vinyl Acetate	5.964	43	365289	87.708	ug/l	100
24) 1,1-Dichloroethane	5.921	63	86526	20.326	ug/l	97
25) 2-Butanone	6.896	43	56134	87.338	ug/l	96
26) 2,2-Dichloropropane	6.890	77	75531	19.946	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	51999	19.730	ug/l	98
28) Bromochloromethane	7.250	49	34985	19.487	ug/l	99
29) Tetrahydrofuran	7.262	42	32784	79.255	ug/l	99
30) Chloroform	7.427	83	88600	20.010	ug/l	96
31) Cyclohexane	7.701	56	71321	18.379	ug/l	93
32) 1,1,1-Trichloroethane	7.622	97	80250	20.053	ug/l	99
36) 1,1-Dichloropropene	7.841	75	62612	20.410	ug/l	98
37) Ethyl Acetate	6.982	43	24672	17.041	ug/l	97
38) Carbon Tetrachloride	7.823	117	72409	20.609	ug/l	96
39) Methylcyclohexane	9.116	83	71676	19.559	ug/l	98
40) Benzene	8.085	78	187821	20.444	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	12625	16.420	ug/l #	100
42) 1,2-Dichloroethane	8.165	62	51955	20.061	ug/l	99
43) Isopropyl Acetate	8.201	43	49178	17.925	ug/l	98
44) Trichloroethene	8.872	130	48276	20.624	ug/l	95
45) 1,2-Dichloropropane	9.146	63	45055	20.719	ug/l	96
46) Dibromomethane	9.238	93	24846	19.825	ug/l	96
47) Bromodichloromethane	9.426	83	66235	20.396	ug/l	96
48) Methyl methacrylate	9.225	41	22658	17.994	ug/l	96
49) 1,4-Dioxane	9.244	88	4766	354.991	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	122559	85.840	ug/l	100
52) Toluene	10.176	92	120366	21.000	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	55243	19.152	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	66307	19.486	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	32227	19.982	ug/l	99
56) Ethyl methacrylate	10.445	69	37122	18.026	ug/l	98
57) 1,3-Dichloropropane	10.719	76	55701	19.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	94741	94.305	ug/l	99
59) 2-Hexanone	10.768	43	82164	86.409	ug/l	99
60) Dibromochloromethane	10.914	129	44255	20.098	ug/l	97
61) 1,2-Dibromoethane	11.018	107	30322	20.042	ug/l	98
64) Tetrachloroethene	10.652	164	52581	20.895	ug/l	99
65) Chlorobenzene	11.444	112	130234	20.562	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	46518	20.700	ug/l	100
67) Ethyl Benzene	11.524	91	222629	20.498	ug/l	100
68) m/p-Xylenes	11.633	106	174884	42.050	ug/l	99
69) o-Xylene	11.957	106	78381	20.417	ug/l	99
70) Styrene	11.975	104	131308	20.514	ug/l	100
71) Bromoform	12.133	173	24956	19.469	ug/l #	98
73) Isopropylbenzene	12.261	105	211237	19.744	ug/l	100
74) N-amyl acetate	12.072	43	42471	16.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	34921	18.155	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	46707	32.711	ug/l #	100
77) Bromobenzene	12.536	156	50775	19.766	ug/l	97
78) n-propylbenzene	12.597	91	263112	20.456	ug/l	100
79) 2-Chlorotoluene	12.682	91	150601	20.159	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	176133	20.143	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	10119	16.329	ug/l	98
82) 4-Chlorotoluene	12.780	91	156256	20.062	ug/l	98
83) tert-Butylbenzene	12.999	119	151289	19.425	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	178636	20.670	ug/l	99
85) sec-Butylbenzene	13.176	105	233001	20.471	ug/l	100
86) p-Isopropyltoluene	13.298	119	192832	20.499	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	104101	20.569	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	102343	20.468	ug/l	98
89) n-Butylbenzene	13.621	91	177878	20.446	ug/l	100
90) Hexachloroethane	13.883	117	41809	20.281	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	89555	20.328	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5251	17.613	ug/l	100
93) 1,2,4-Trichlorobenzene	14.926	180	47966	20.077	ug/l	100
94) Hexachlorobutadiene	15.029	225	32148	21.546	ug/l	97
95) Naphthalene	15.145	128	69458	17.539	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	39920	19.594	ug/l	99

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QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

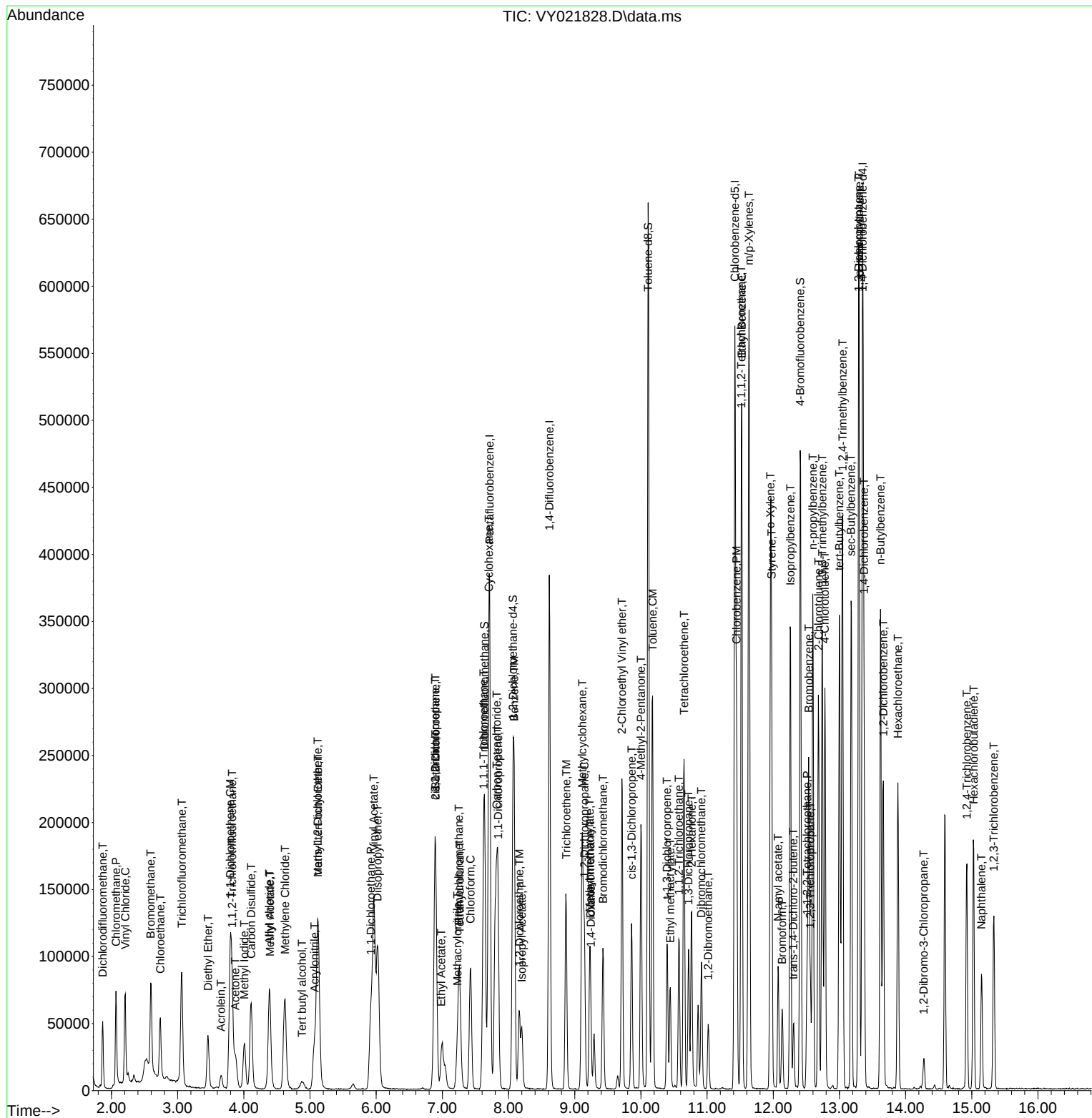
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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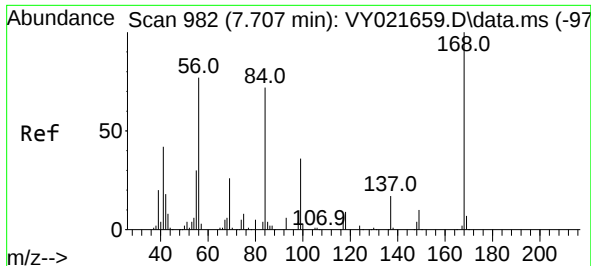
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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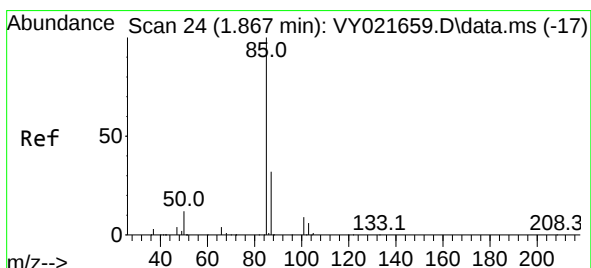
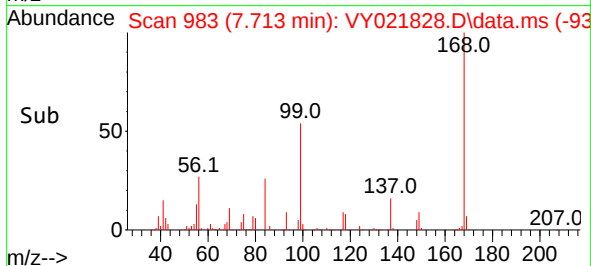
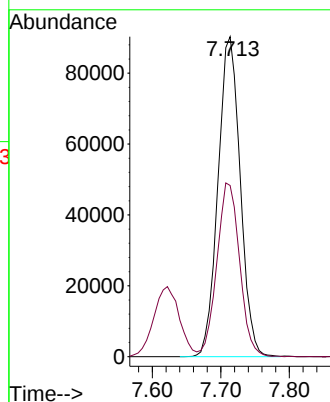
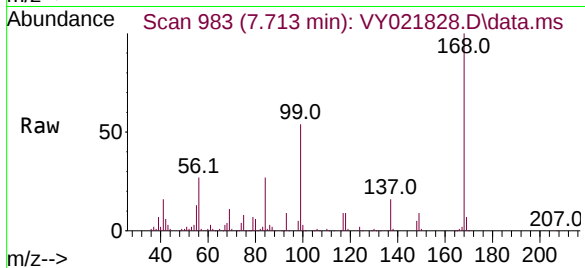




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021828.D
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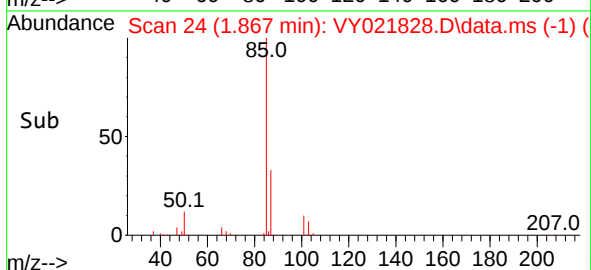
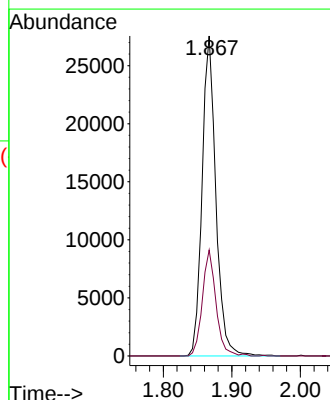
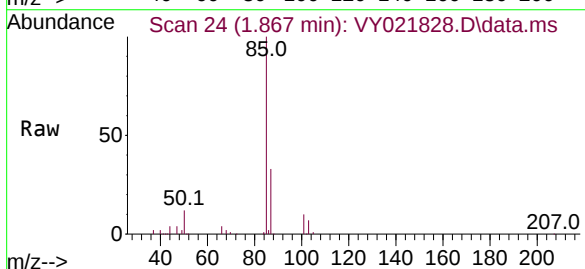
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

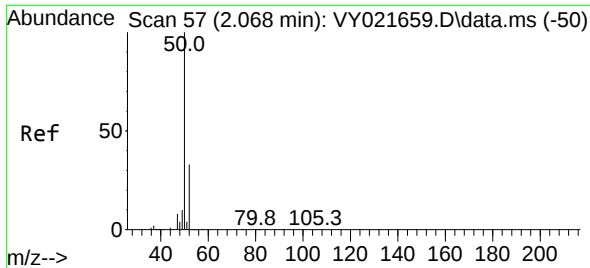
Tgt Ion:168 Resp: 202932
Ion Ratio Lower Upper
168 100
99 53.4 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 18.365 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 85 Resp: 38628
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.6

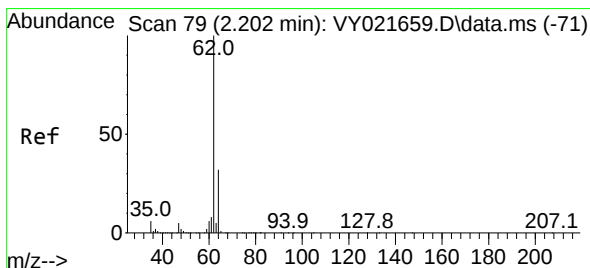
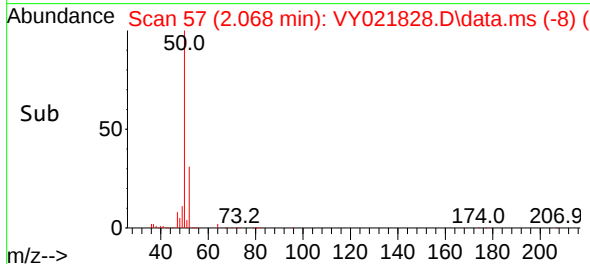
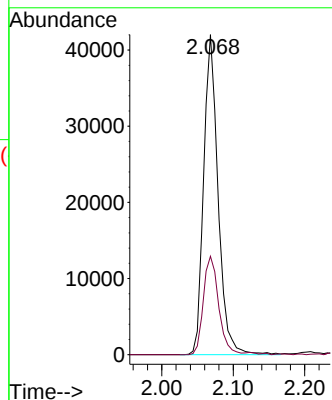
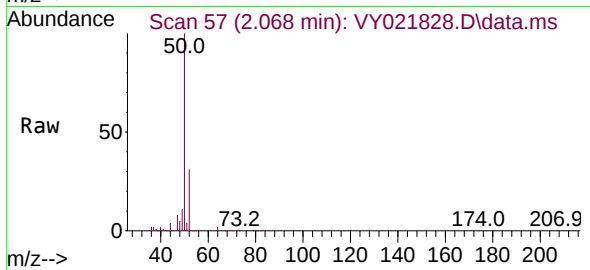




#3
Chloromethane
Concen: 19.923 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

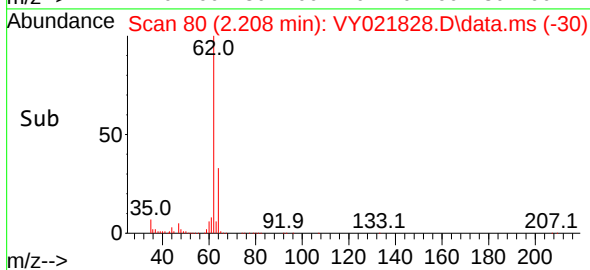
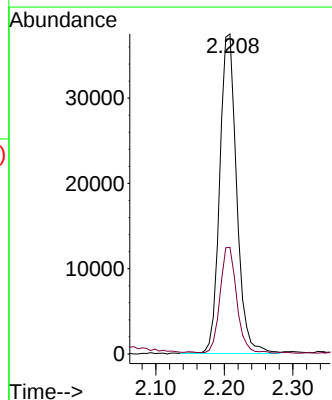
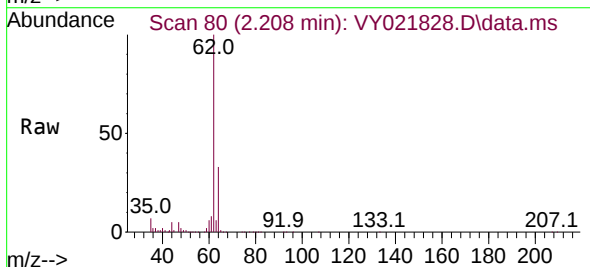
Instrument :
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ClientSampleId :
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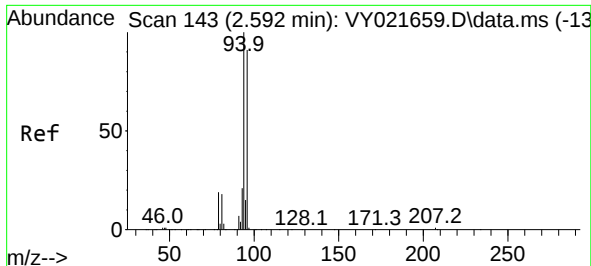
Tgt Ion: 50 Resp: 58925
Ion Ratio Lower Upper
50 100
52 30.8 26.3 39.5



#4
Vinyl Chloride
Concen: 19.200 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 62 Resp: 64218
Ion Ratio Lower Upper
62 100
64 32.9 25.5 38.3

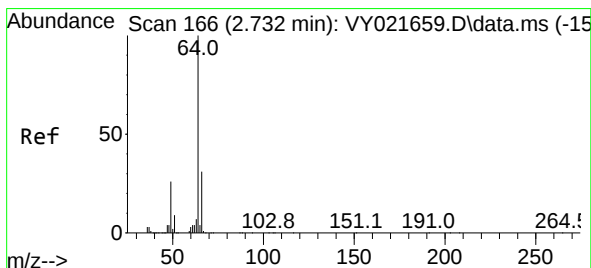
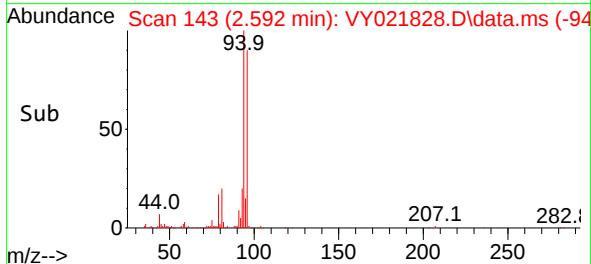
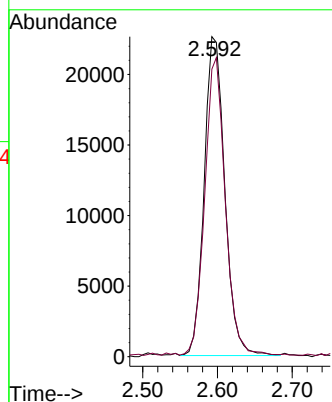
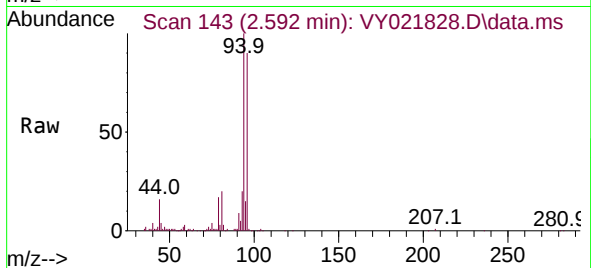




#5
Bromomethane
Concen: 18.954 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

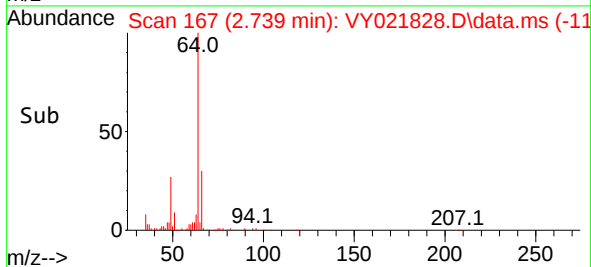
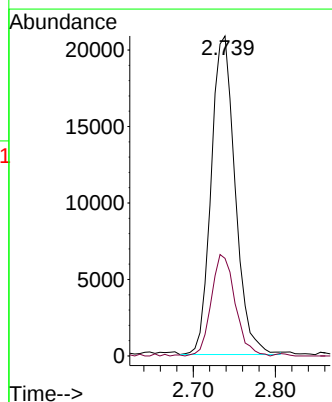
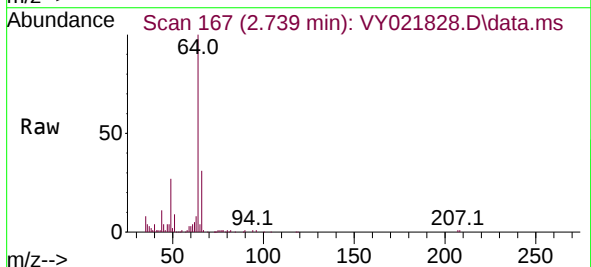
Instrument :
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Tgt Ion: 94 Resp: 43240
Ion Ratio Lower Upper
94 100
96 89.7 72.8 109.2



#6
Chloroethane
Concen: 19.327 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 64 Resp: 42301
Ion Ratio Lower Upper
64 100
66 30.4 24.9 37.3

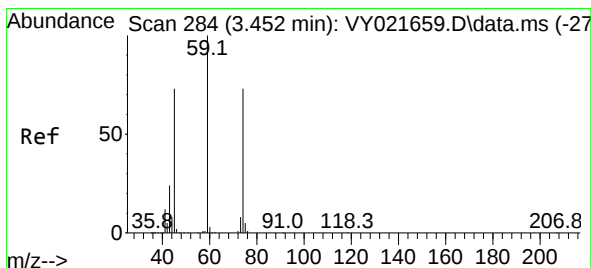
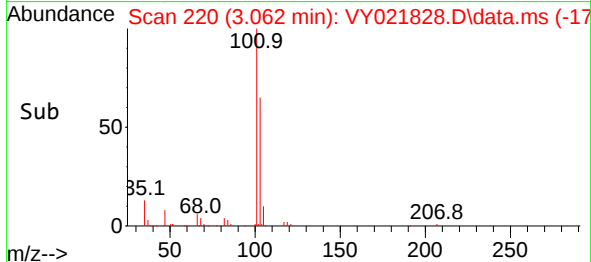
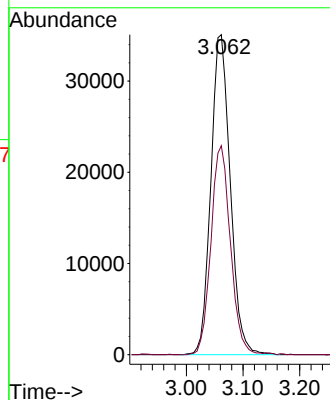
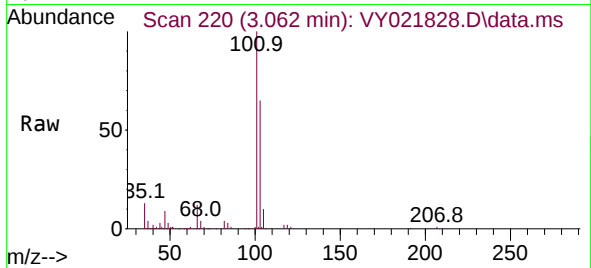




#7
 Trichlorofluoromethane
 Concen: 19.415 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY021828.D
 Acq: 10 Apr 2025 10:59

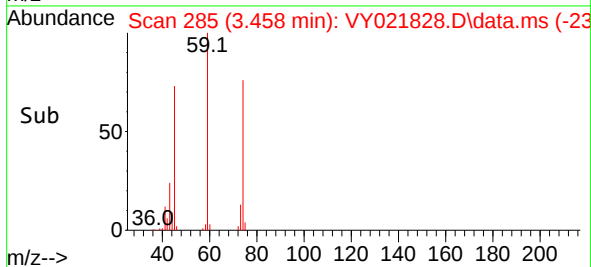
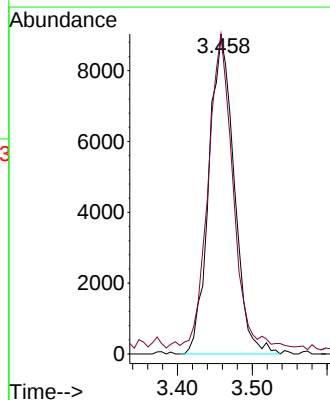
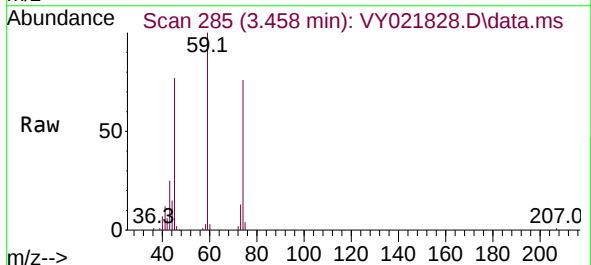
Instrument :
 MSVOA_Y
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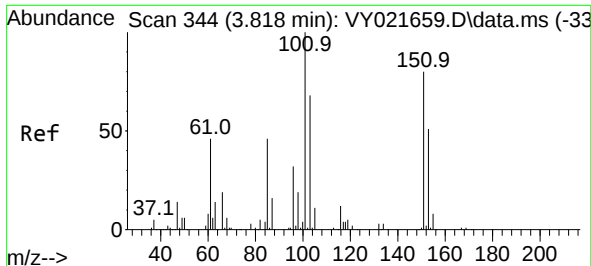
Tgt Ion:101 Resp: 83189
 Ion Ratio Lower Upper
 101 100
 103 65.3 53.1 79.7



#8
 Diethyl Ether
 Concen: 18.199 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021828.D
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Tgt Ion: 74 Resp: 21206
 Ion Ratio Lower Upper
 74 100
 45 98.6 48.6 145.8

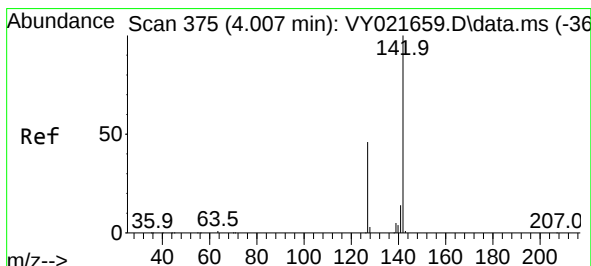
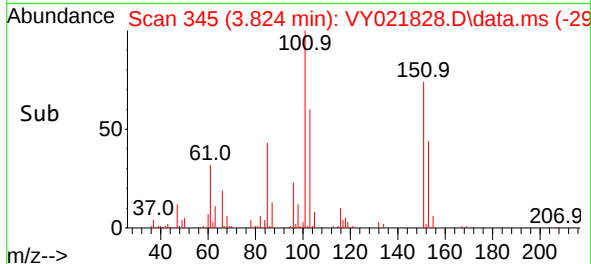
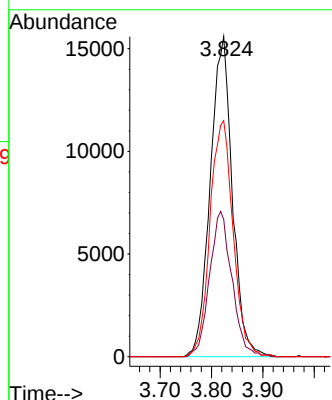
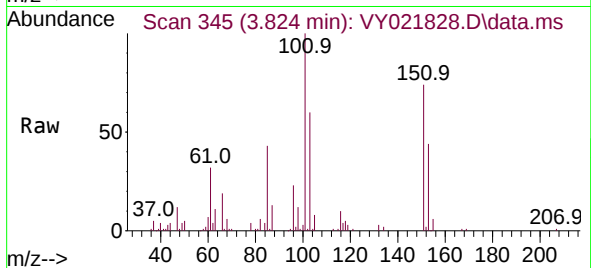




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.604 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

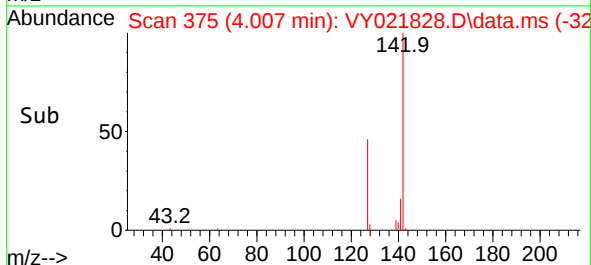
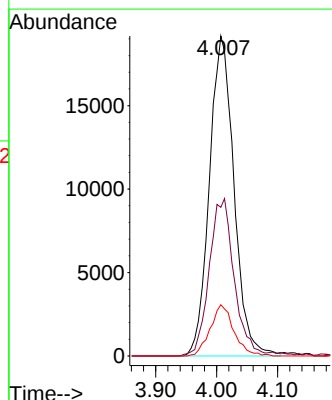
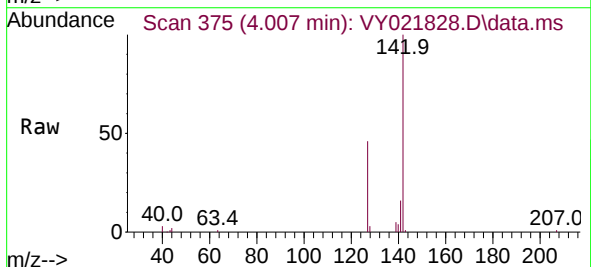
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

Tgt Ion:101 Resp: 46562
Ion Ratio Lower Upper
101 100
85 46.0 36.3 54.5
151 77.1 61.3 91.9



#10
Methyl Iodide
Concen: 21.694 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion:142 Resp: 53784
Ion Ratio Lower Upper
142 100
127 49.8 38.7 58.1
141 15.4 11.5 17.3

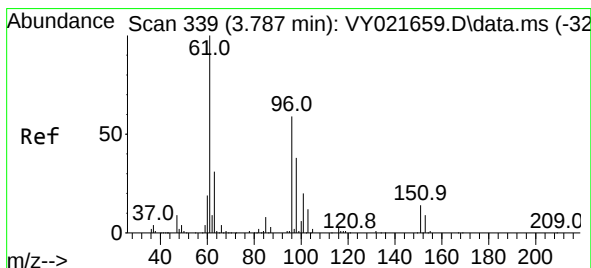
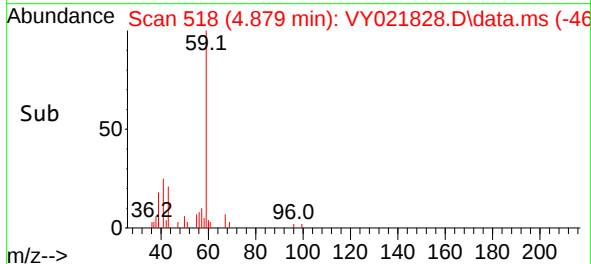
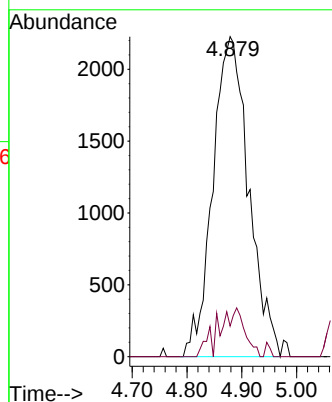
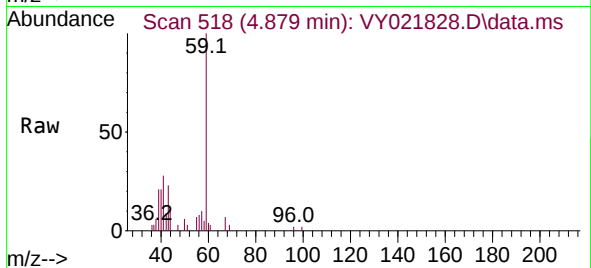




#11
Tert butyl alcohol
Concen: 70.946 ug/l
RT: 4.879 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

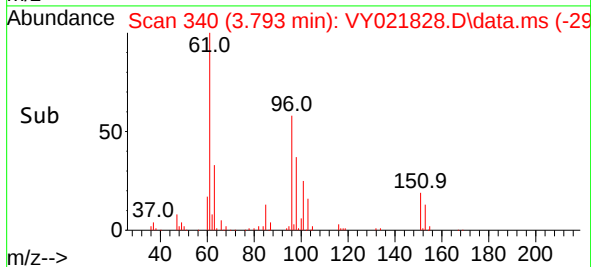
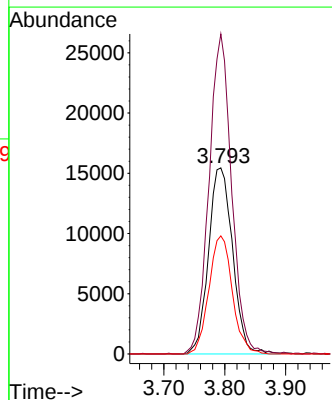
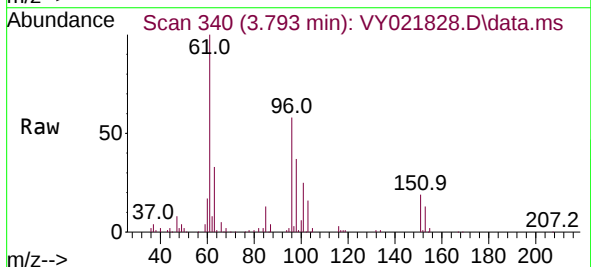
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

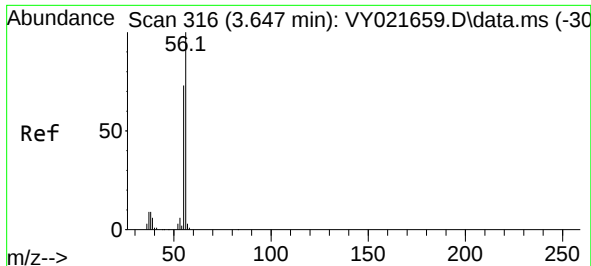
Tgt Ion: 59 Resp: 10132
Ion Ratio Lower Upper
59 100
57 9.6 9.2 13.8



#12
1,1-Dichloroethene
Concen: 19.980 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 96 Resp: 42528
Ion Ratio Lower Upper
96 100
61 172.0 136.6 204.8
98 63.5 52.3 78.5





#13

Acrolein

Concen: 44.814 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

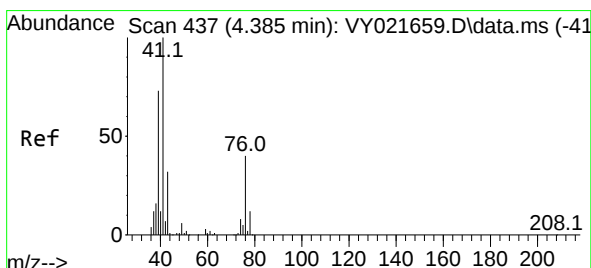
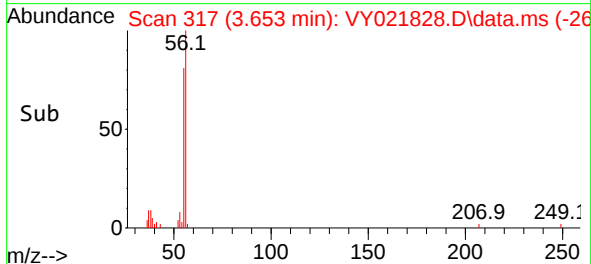
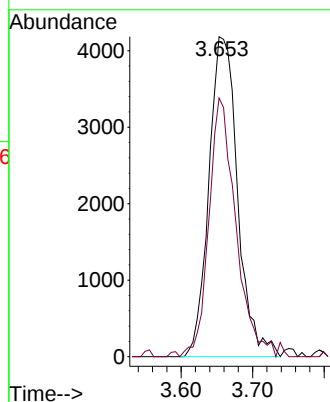
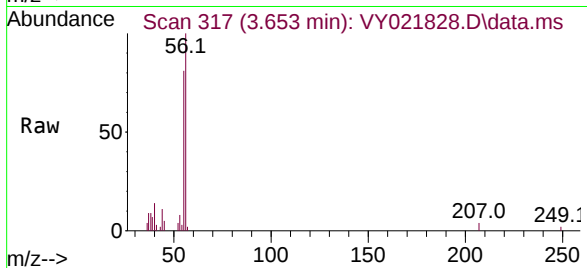
VY0410SBS01

Tgt Ion: 56 Resp: 11686

Ion Ratio Lower Upper

56 100

55 75.4 56.6 85.0



#14

Allyl chloride

Concen: 19.178 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

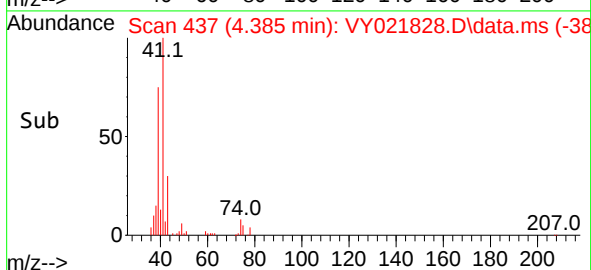
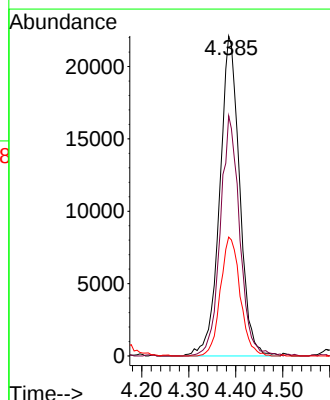
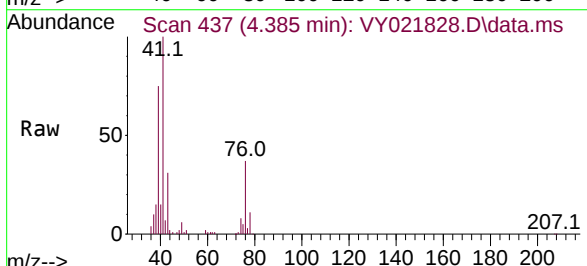
Tgt Ion: 41 Resp: 65088

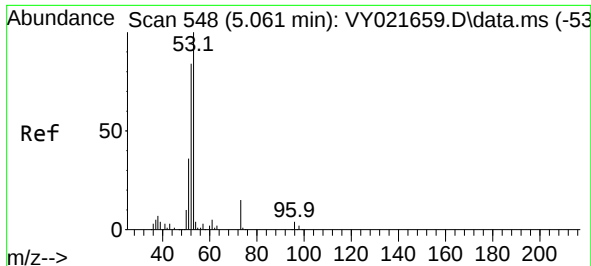
Ion Ratio Lower Upper

41 100

39 73.1 58.6 88.0

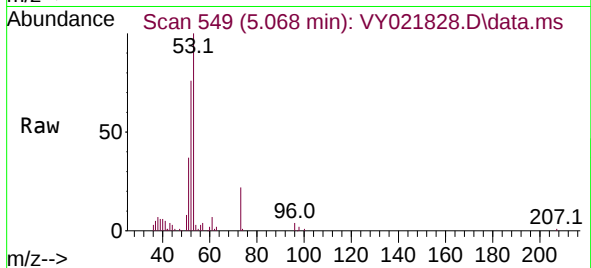
76 36.9 30.3 45.5



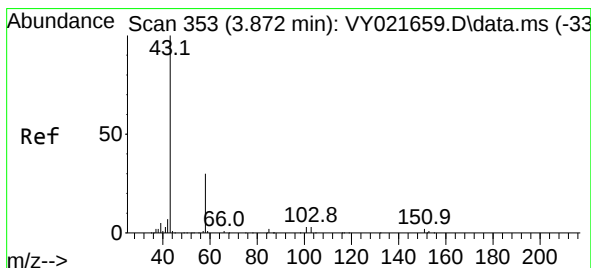
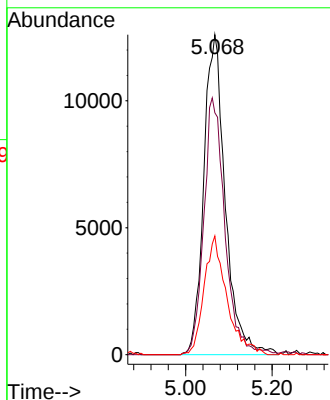
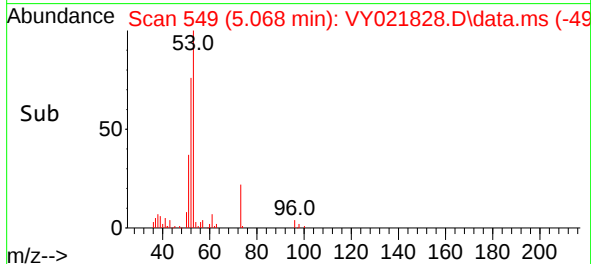


#15
Acrylonitrile
Concen: 89.436 ug/l
RT: 5.068 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

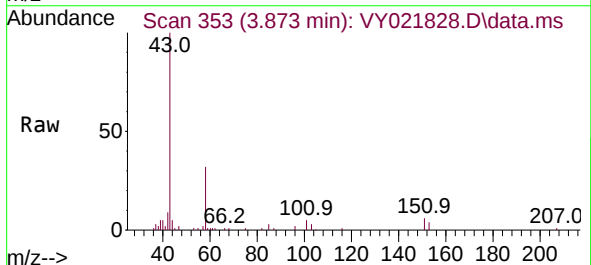
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01



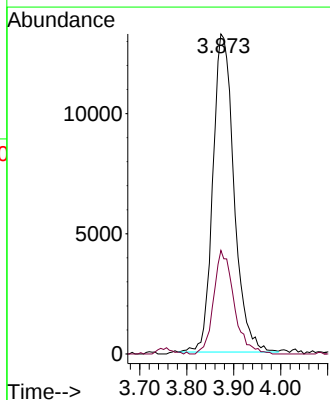
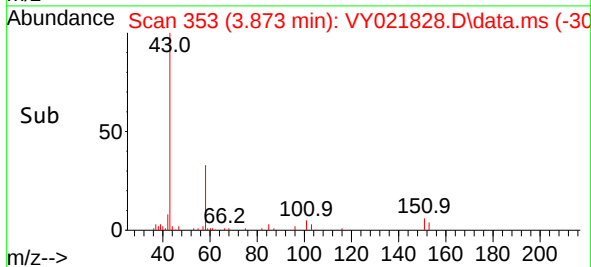
Tgt Ion: 53 Resp: 43512
Ion Ratio Lower Upper
53 100
52 79.0 64.9 97.3
51 39.3 30.2 45.2

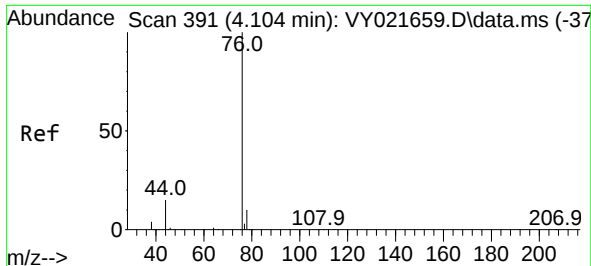


#16
Acetone
Concen: 92.038 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59



Tgt Ion: 43 Resp: 41416
Ion Ratio Lower Upper
43 100
58 32.5 24.2 36.4

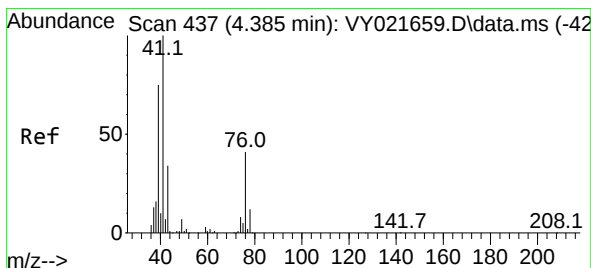
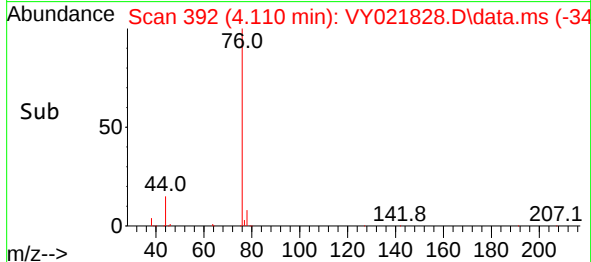
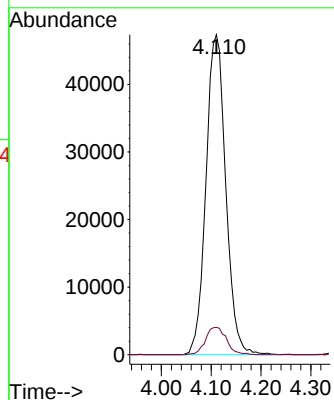
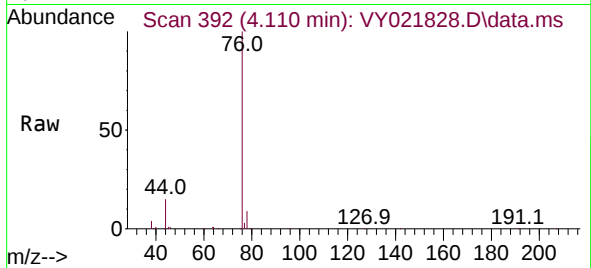




#17
Carbon Disulfide
Concen: 18.599 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

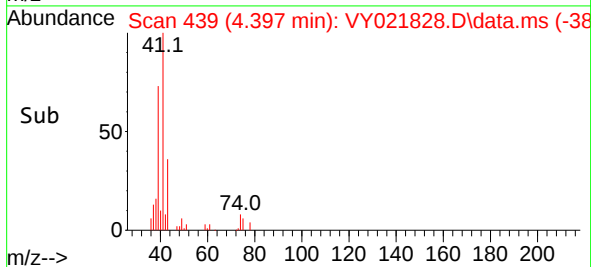
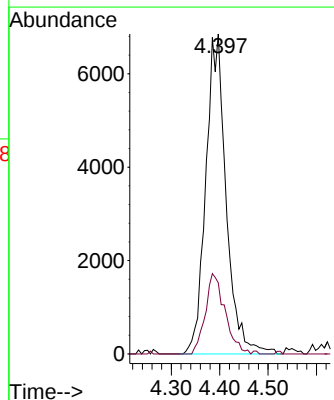
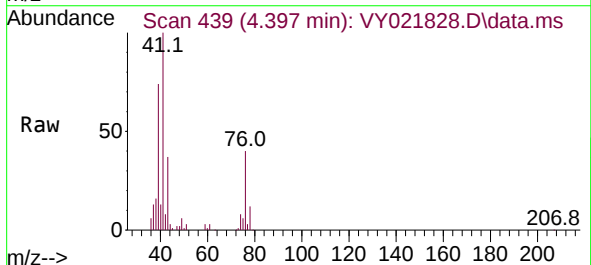
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

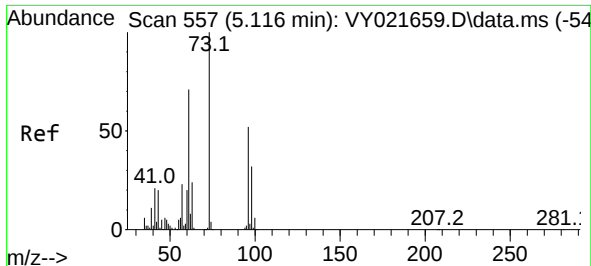
Tgt Ion: 76 Resp: 130398
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 17.999 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 43 Resp: 20074
Ion Ratio Lower Upper
43 100
74 24.2 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 17.404 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

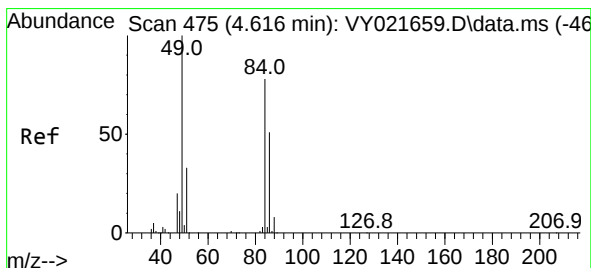
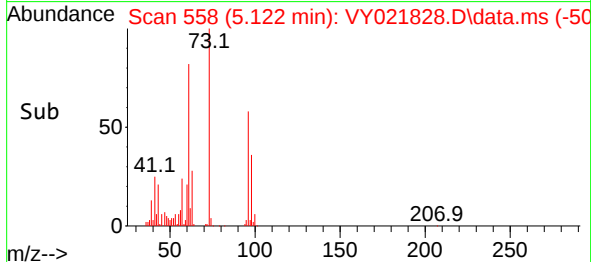
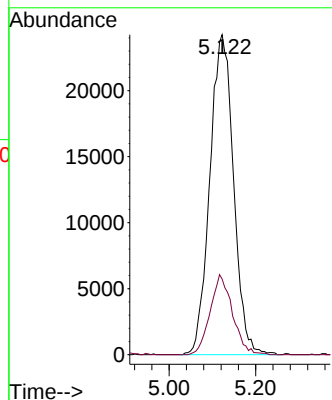
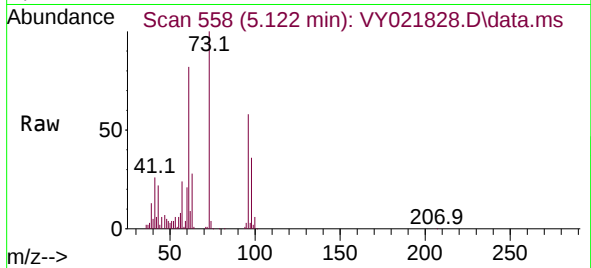
VY0410SBS01

Tgt Ion: 73 Resp: 92229

Ion Ratio Lower Upper

73 100

57 23.7 18.1 27.1



#20

Methylene Chloride

Concen: 20.749 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Tgt Ion: 84 Resp: 50670

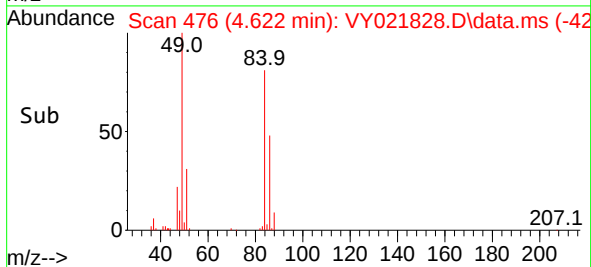
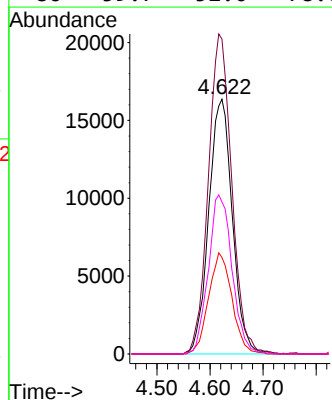
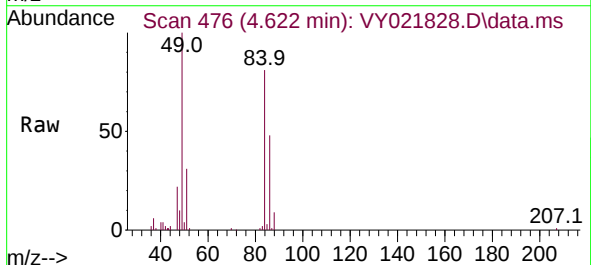
Ion Ratio Lower Upper

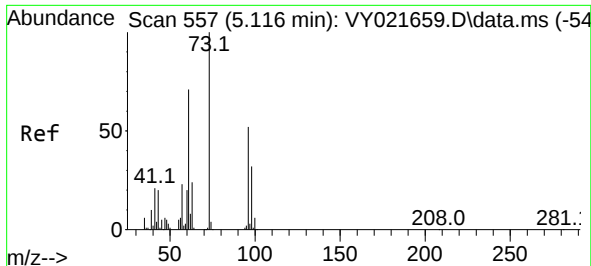
84 100

49 123.6 102.8 154.2

51 37.9 33.5 50.3

86 59.7 52.0 78.0

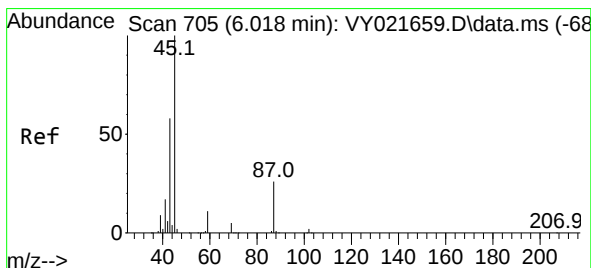
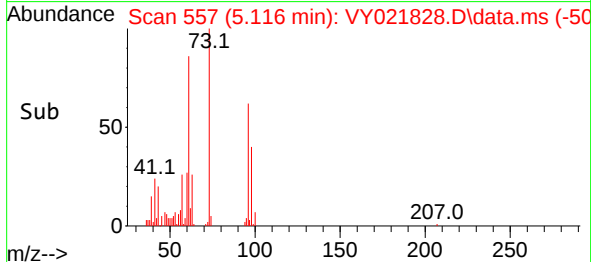
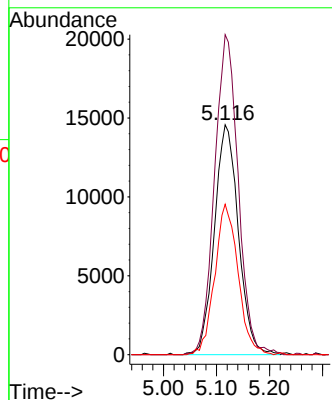
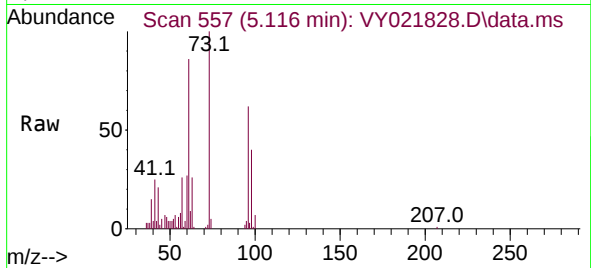




#21
trans-1,2-Dichloroethene
Concen: 19.571 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

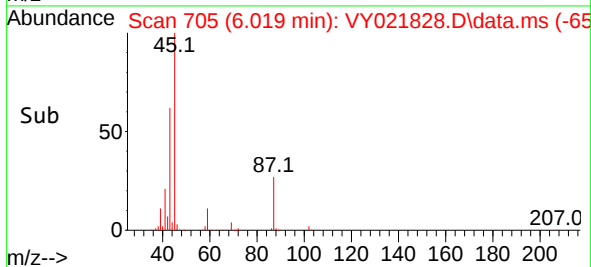
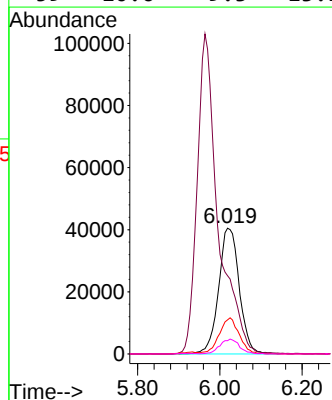
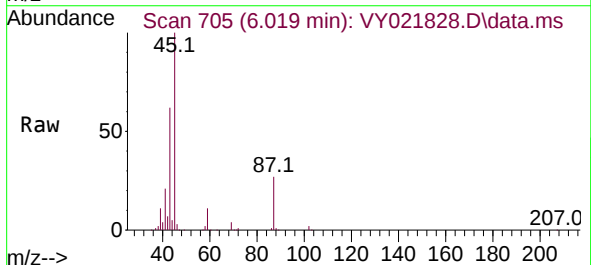
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

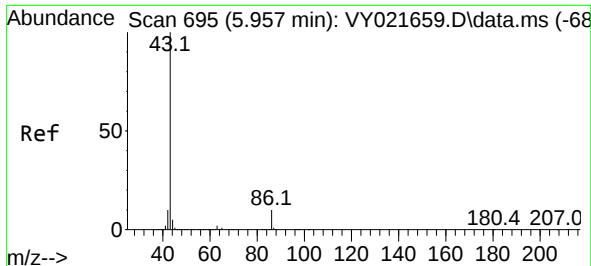
Tgt Ion: 96 Resp: 45867
Ion Ratio Lower Upper
96 100
61 139.2 109.4 164.0
98 65.4 50.2 75.2



#22
Diisopropyl ether
Concen: 19.837 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 45 Resp: 141226
Ion Ratio Lower Upper
45 100
43 61.8 46.6 69.8
87 27.1 20.7 31.1
59 10.6 9.3 13.9

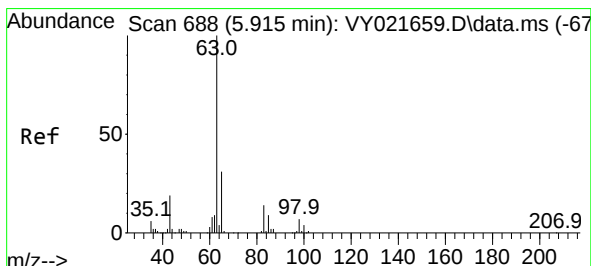
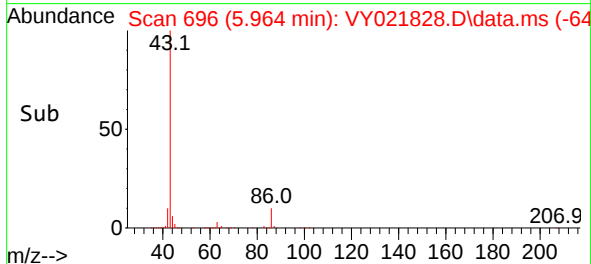
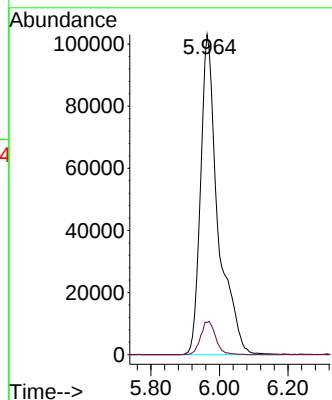
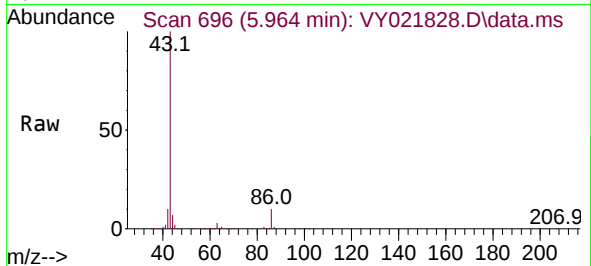




#23
 Vinyl Acetate
 Concen: 87.708 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021828.D
 Acq: 10 Apr 2025 10:59

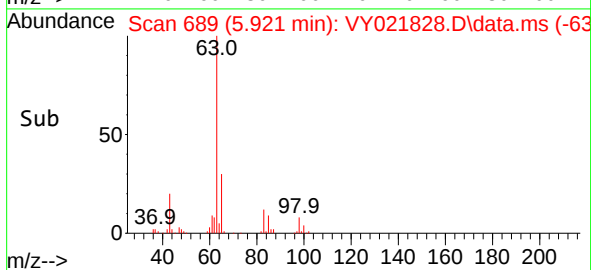
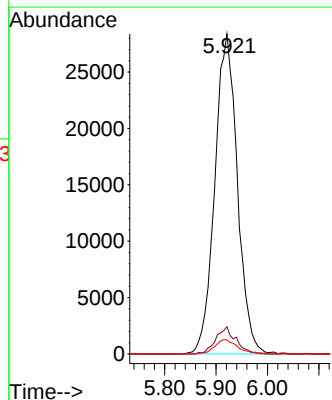
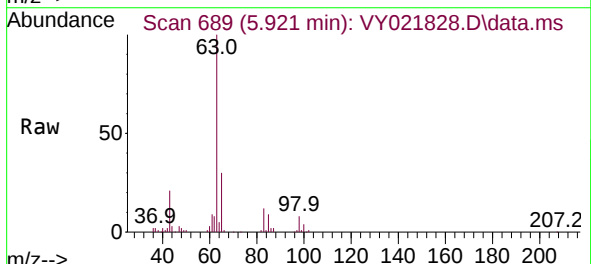
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0410SBS01

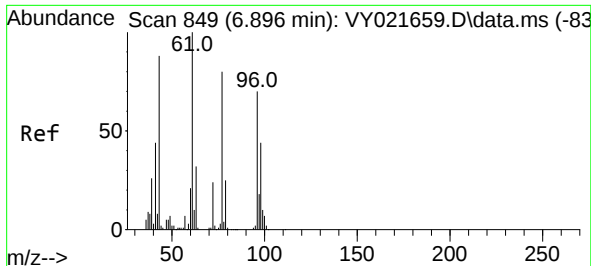
Tgt Ion: 43 Resp: 365289
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.326 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY021828.D
 Acq: 10 Apr 2025 10:59

Tgt Ion: 63 Resp: 86526
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.5 10.5
 100 4.4 2.2 6.6

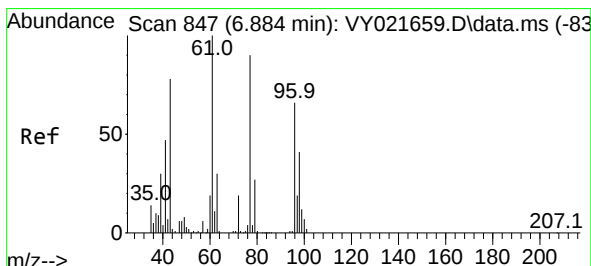
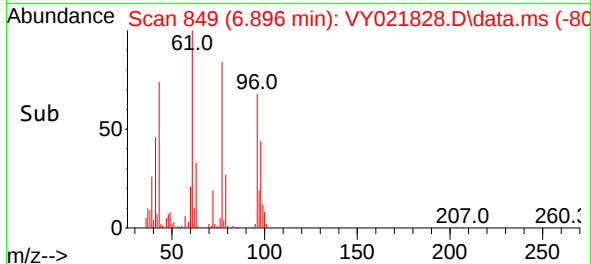
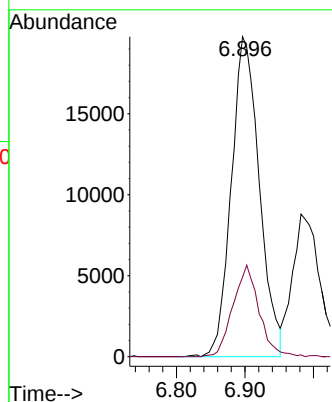
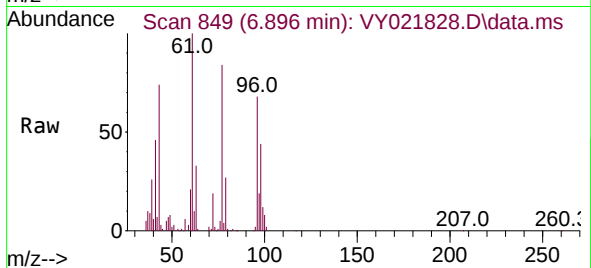




#25
2-Butanone
Concen: 87.338 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

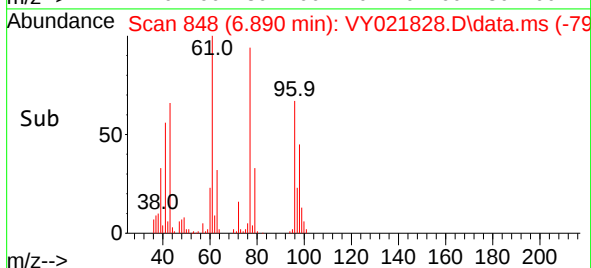
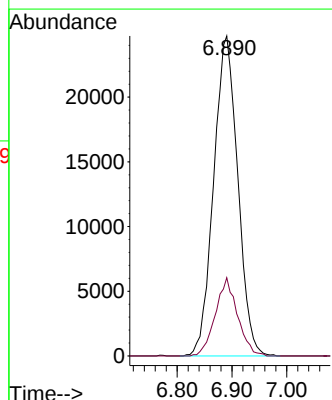
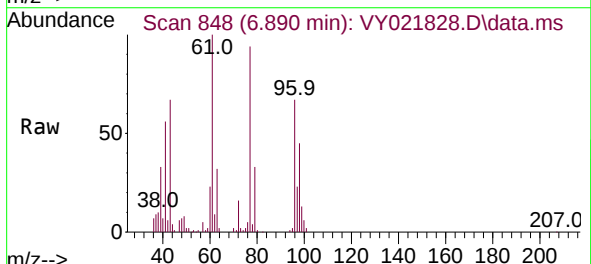
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

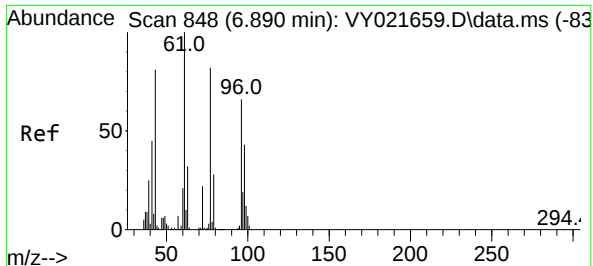
Tgt Ion: 43 Resp: 56134
Ion Ratio Lower Upper
43 100
72 24.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.946 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 77 Resp: 75531
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.730 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0410SBS01

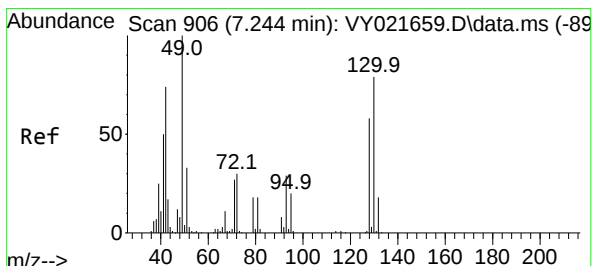
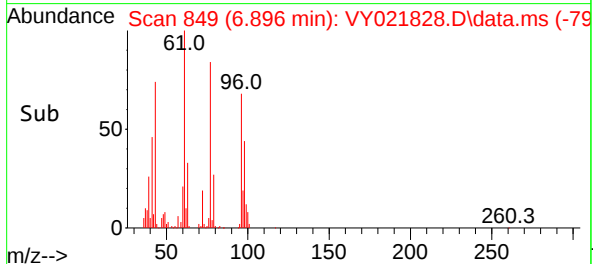
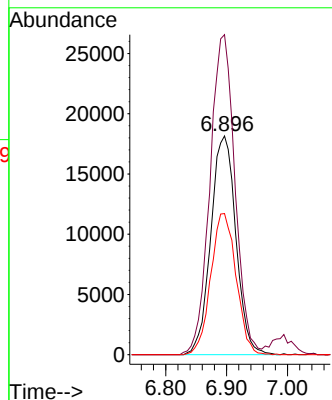
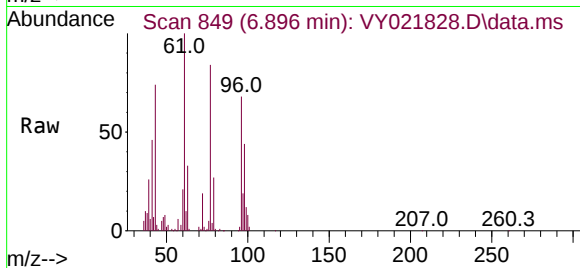
Tgt Ion: 96 Resp: 51999

Ion Ratio Lower Upper

96 100

61 145.8 0.0 296.4

98 65.1 0.0 128.0



#28

Bromochloromethane

Concen: 19.487 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

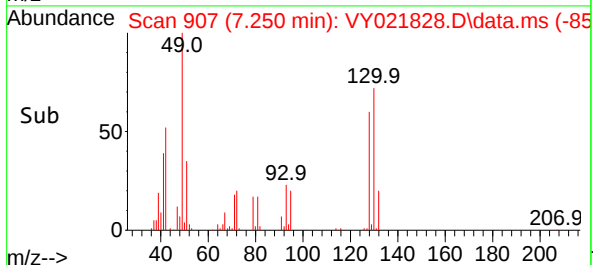
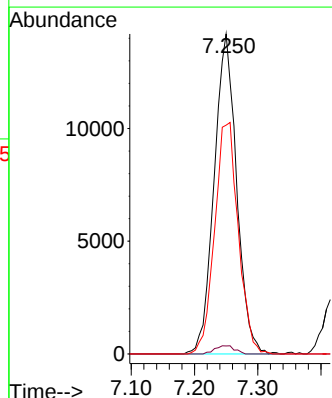
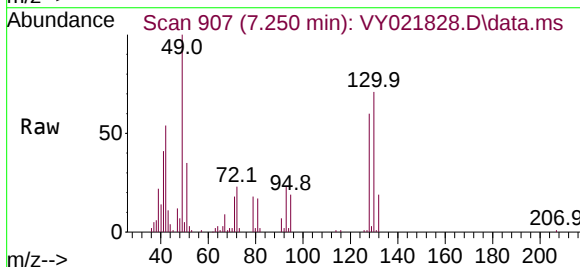
Tgt Ion: 49 Resp: 34985

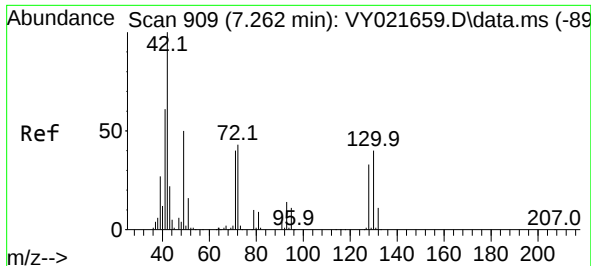
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 76.0 60.1 90.1





#29

Tetrahydrofuran

Concen: 79.255 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0410SBS01

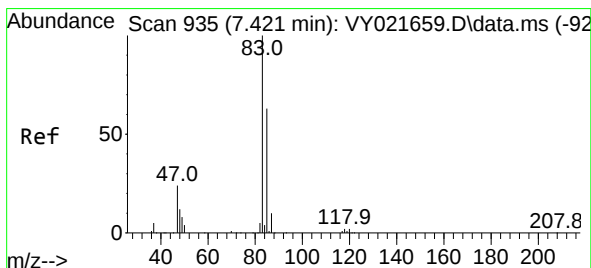
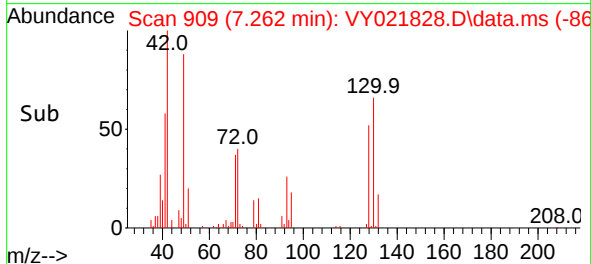
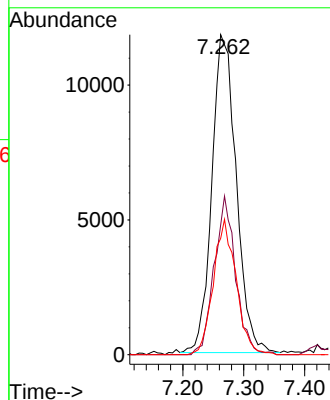
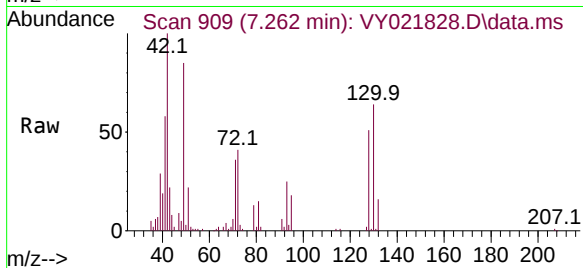
Tgt Ion: 42 Resp: 32784

Ion Ratio Lower Upper

42 100

72 43.8 34.6 52.0

71 39.8 32.5 48.7



#30

Chloroform

Concen: 20.010 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY021828.D

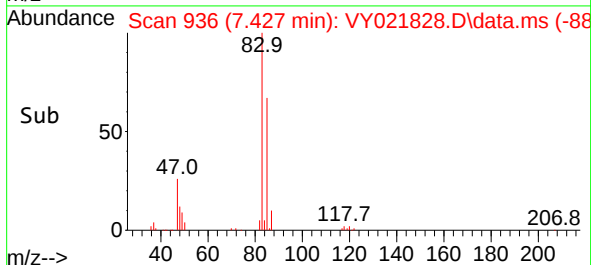
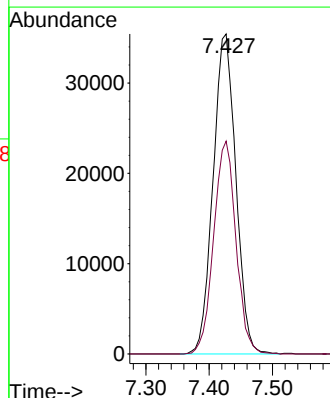
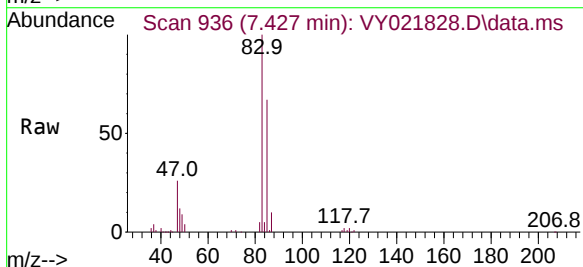
Acq: 10 Apr 2025 10:59

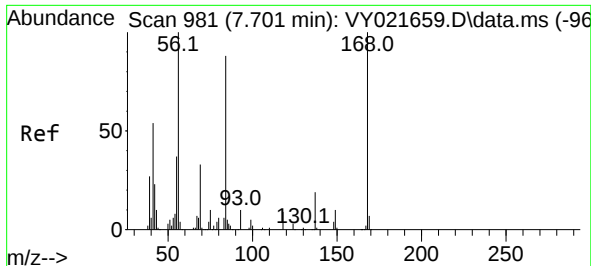
Tgt Ion: 83 Resp: 88600

Ion Ratio Lower Upper

83 100

85 66.5 50.6 75.8





#31

Cyclohexane

Concen: 18.379 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0410SBS01

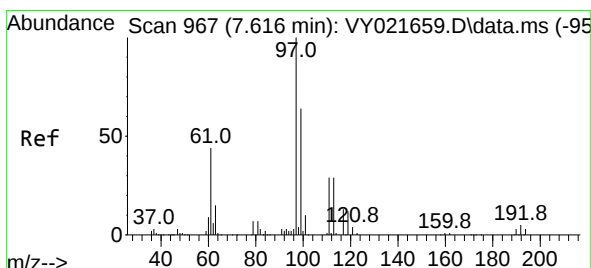
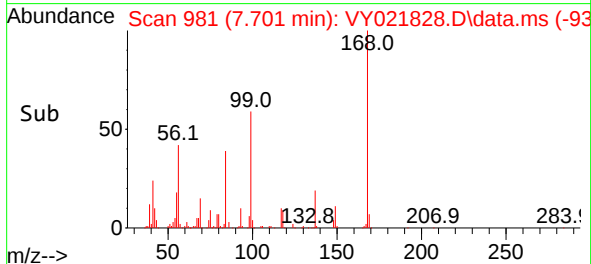
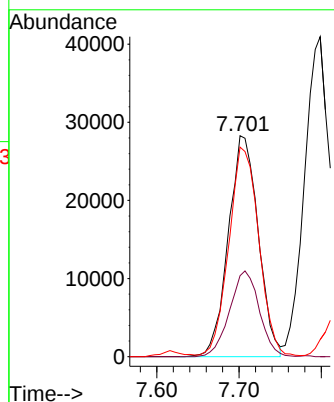
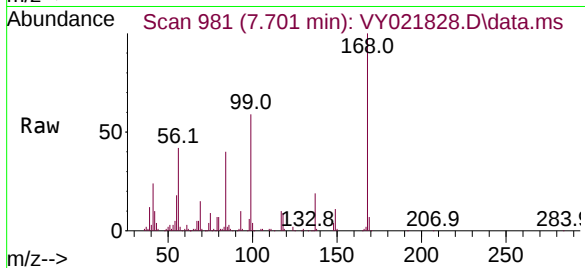
Tgt Ion: 56 Resp: 71321

Ion Ratio Lower Upper

56 100

69 36.7 26.6 40.0

84 93.4 69.0 103.4



#32

1,1,1-Trichloroethane

Concen: 20.053 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

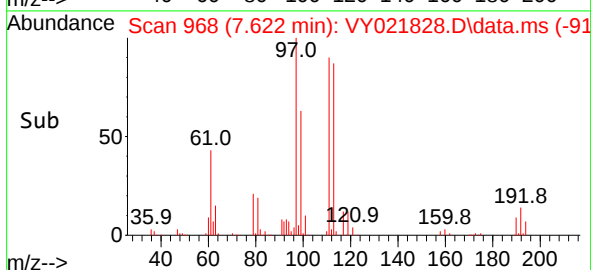
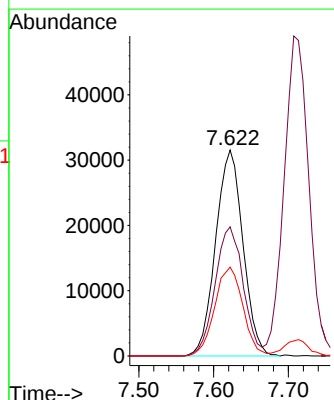
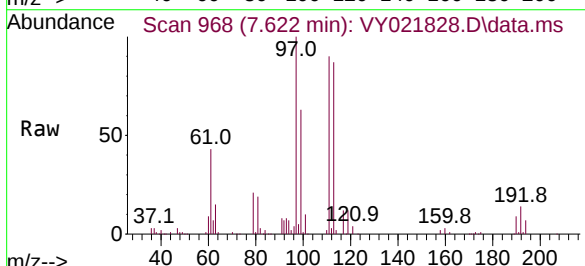
Tgt Ion: 97 Resp: 80250

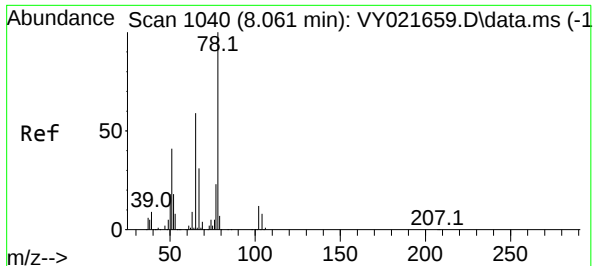
Ion Ratio Lower Upper

97 100

99 64.5 50.7 76.1

61 44.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.162 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

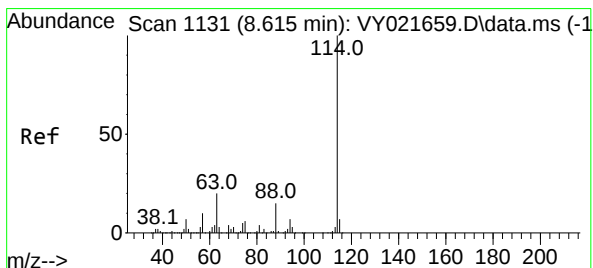
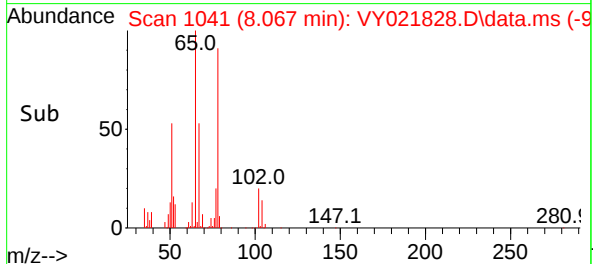
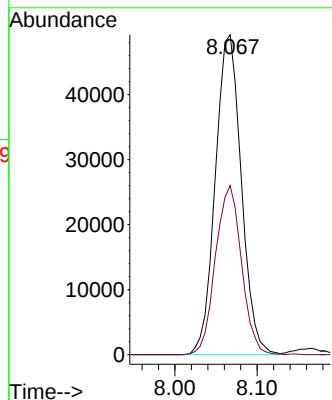
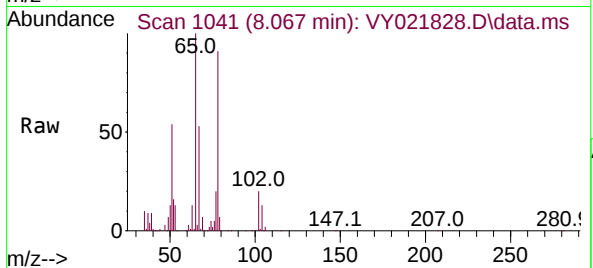
VY0410SBS01

Tgt Ion: 65 Resp: 108092

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

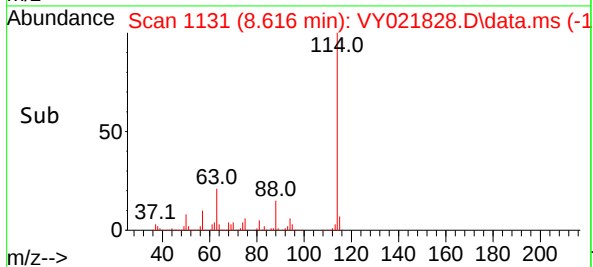
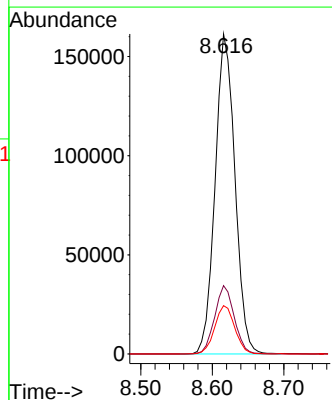
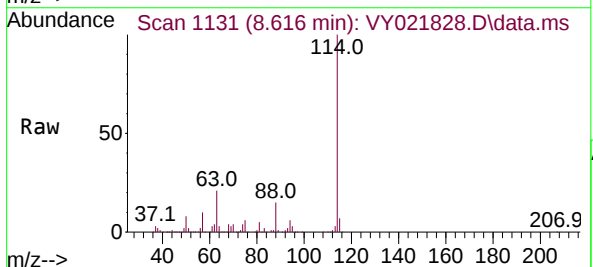
Tgt Ion: 114 Resp: 310477

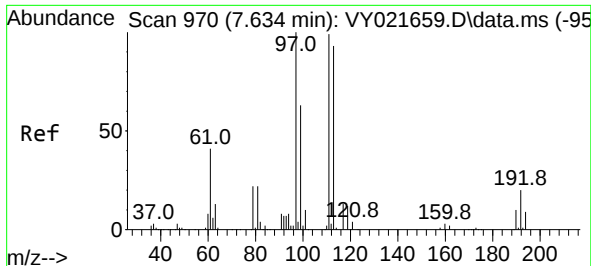
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.2

88 15.1 0.0 29.8

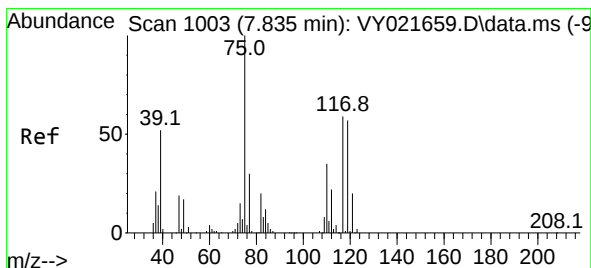
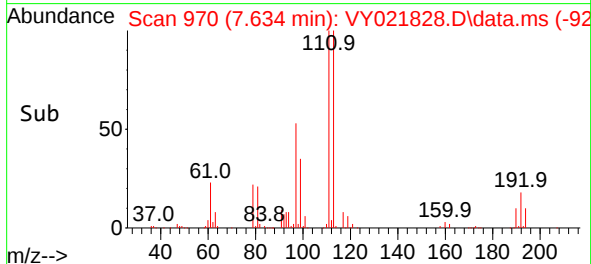
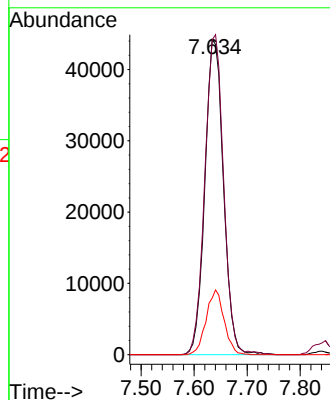
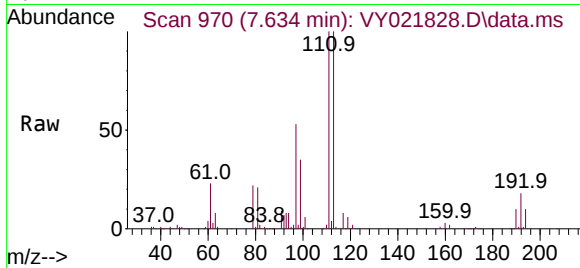




#35
Dibromofluoromethane
Concen: 53.394 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

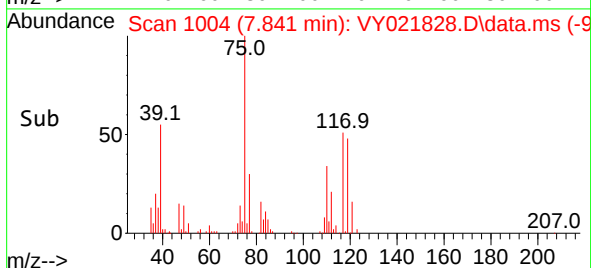
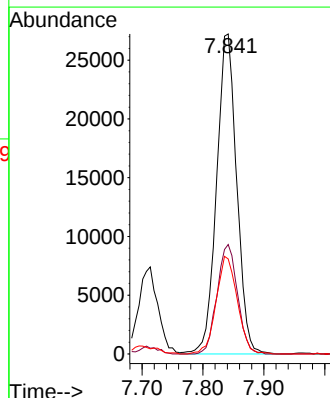
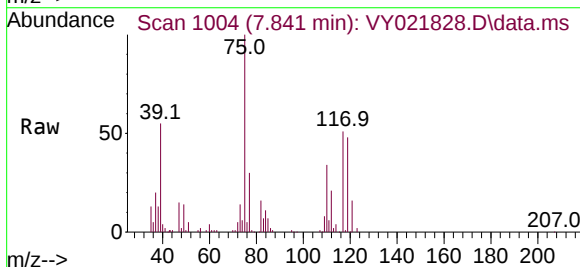
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

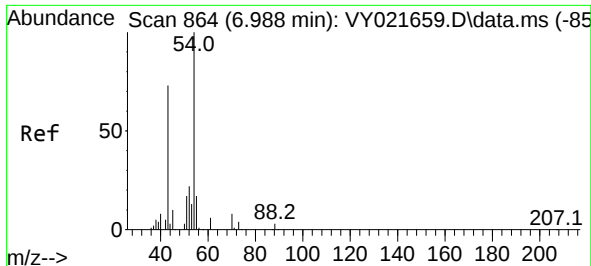
Tgt Ion:113 Resp: 107537
Ion Ratio Lower Upper
113 100
111 103.0 82.6 123.8
192 19.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.410 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 75 Resp: 62612
Ion Ratio Lower Upper
75 100
110 34.8 17.0 50.9
77 32.1 24.8 37.2

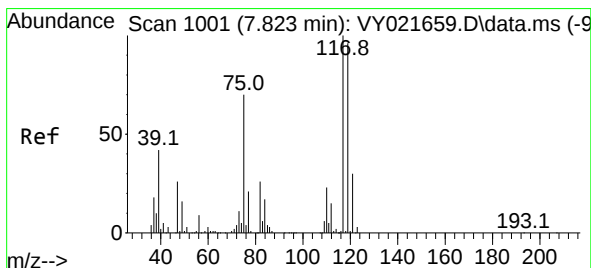
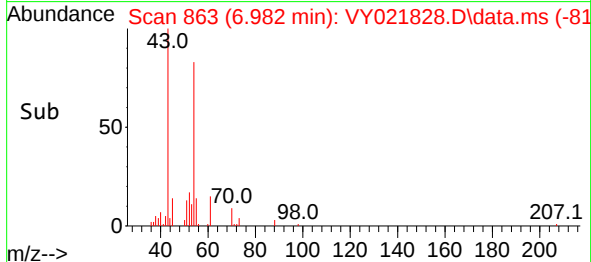
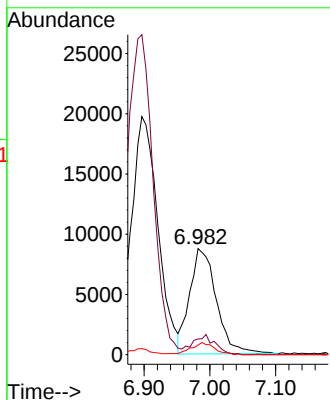
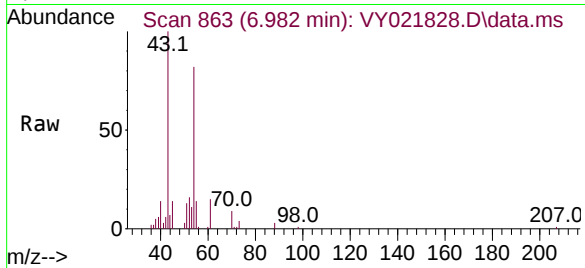




#37
Ethyl Acetate
Concen: 17.041 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

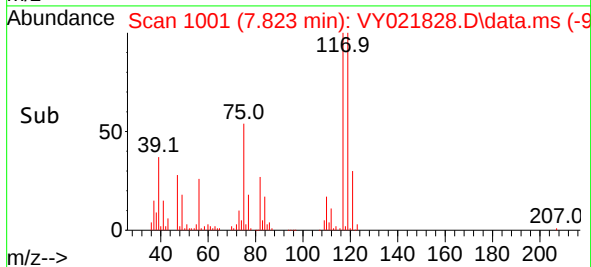
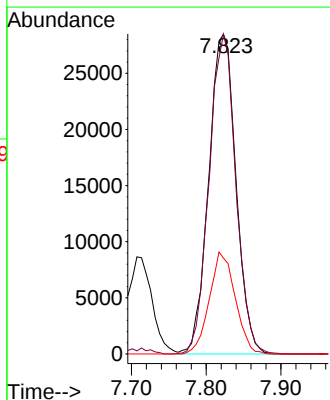
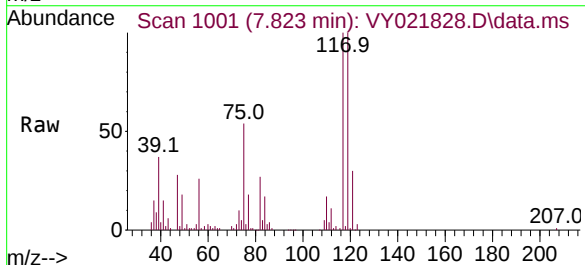
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

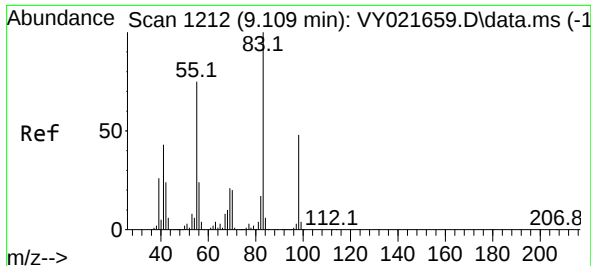
Tgt Ion: 43 Resp: 24672
Ion Ratio Lower Upper
43 100
61 15.8 11.0 16.6
70 9.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.609 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 117 Resp: 72409
Ion Ratio Lower Upper
117 100
119 99.6 76.2 114.4
121 30.0 24.2 36.4

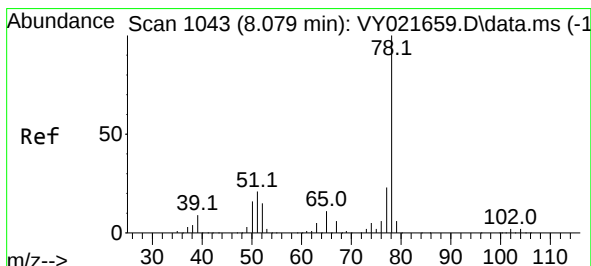
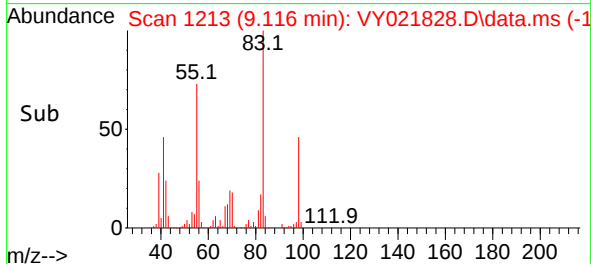
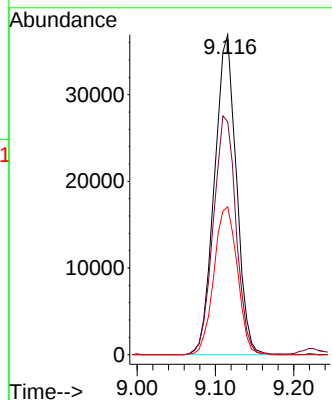
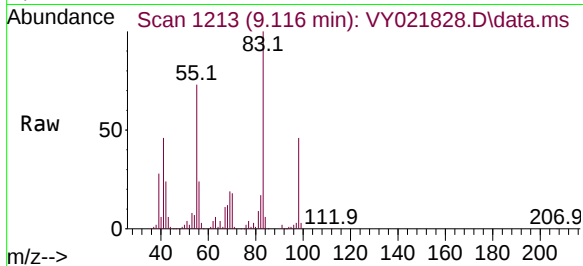




#39
Methylcyclohexane
Concen: 19.559 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

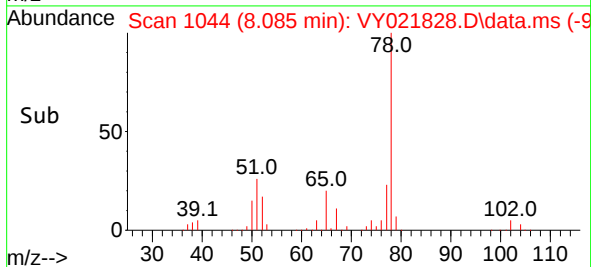
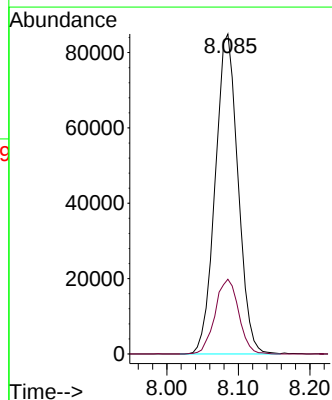
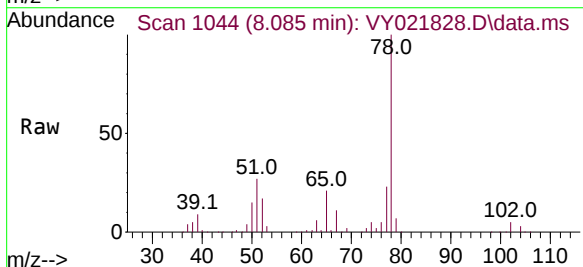
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

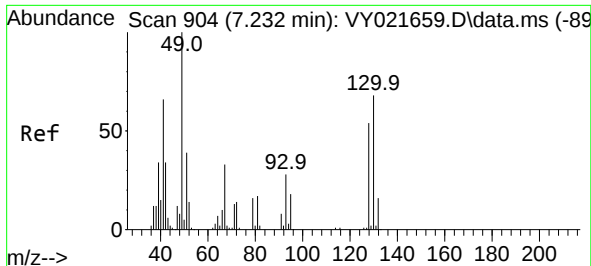
Tgt Ion: 83 Resp: 71676
Ion Ratio Lower Upper
83 100
55 72.7 59.7 89.5
98 46.2 38.3 57.5



#40
Benzene
Concen: 20.444 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 78 Resp: 187821
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

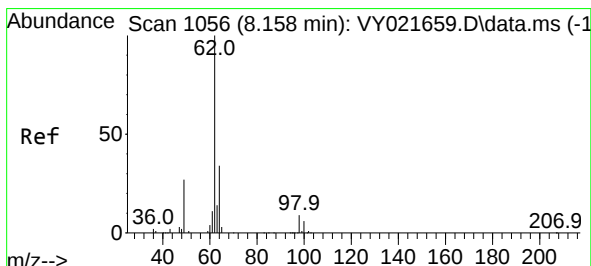
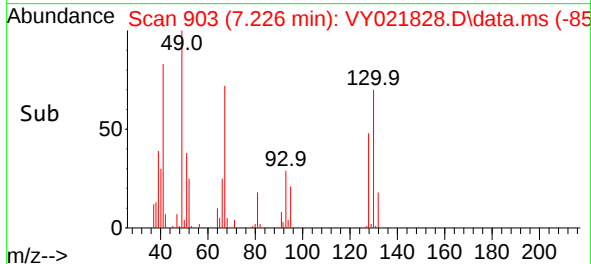
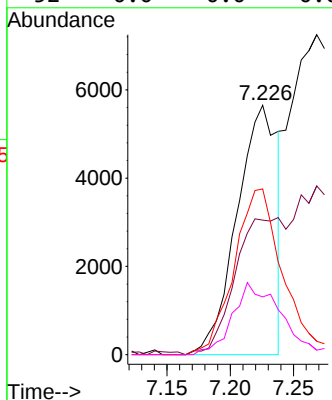
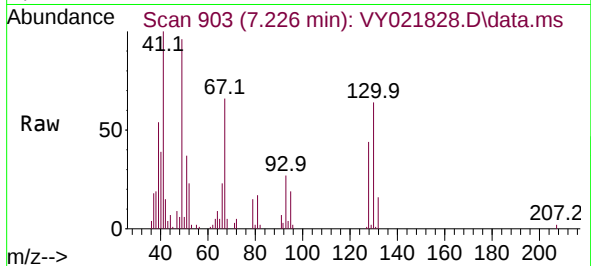




#41
Methacrylonitrile
Concen: 16.420 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

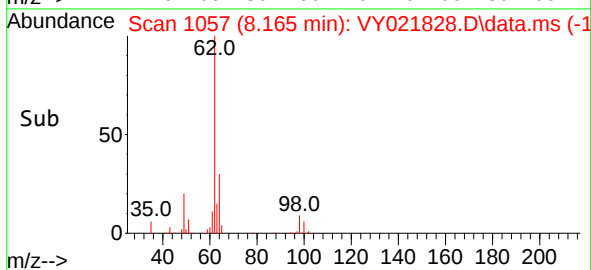
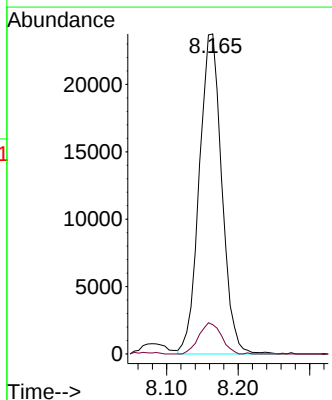
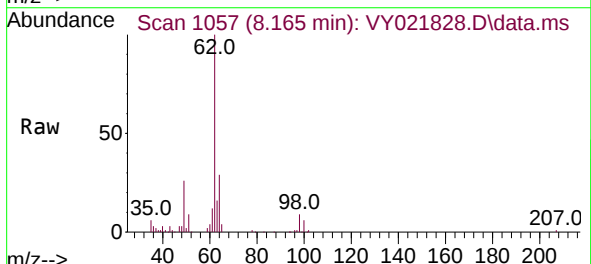
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

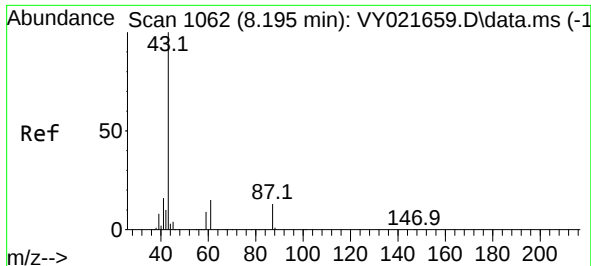
Tgt Ion:	41	Resp:	12625
Ion	Ratio	Lower	Upper
41	100		
39	67.7	0.0	0.0#
67	80.1	0.0	0.0#
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.061 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion:	62	Resp:	51955
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.4

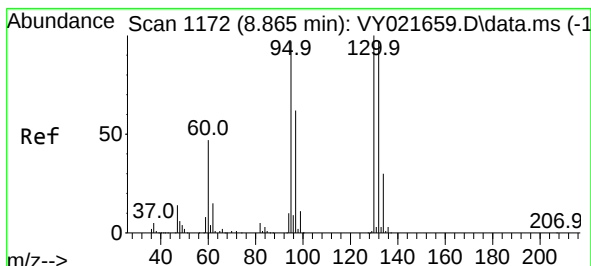
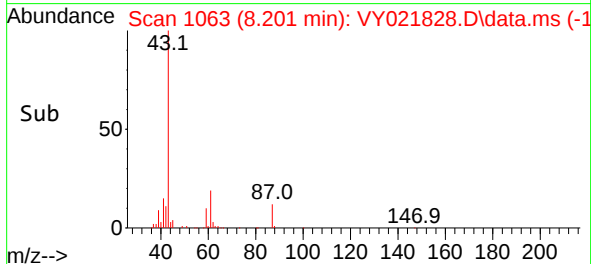
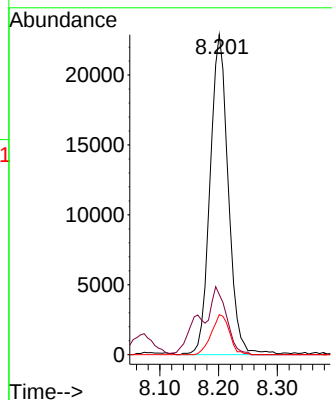
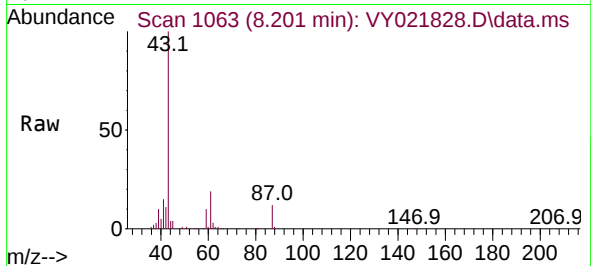




#43
Isopropyl Acetate
Concen: 17.925 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

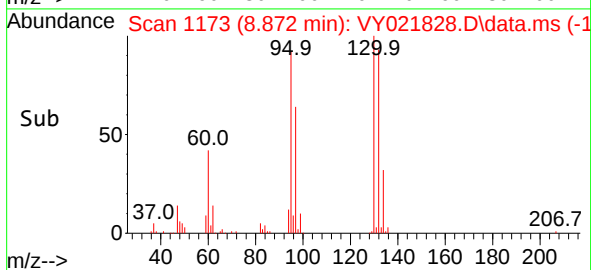
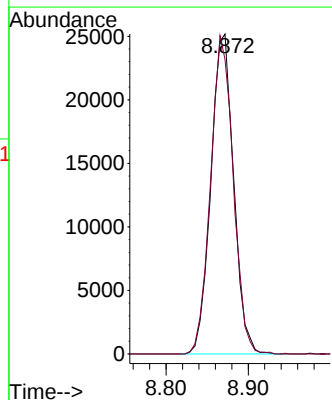
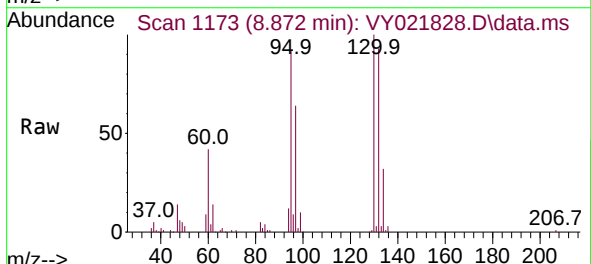
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

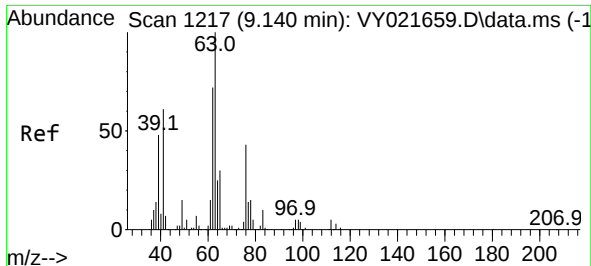
Tgt Ion: 43 Resp: 49178
Ion Ratio Lower Upper
43 100
61 19.2 15.9 23.9
87 12.4 10.4 15.6



#44
Trichloroethene
Concen: 20.624 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 130 Resp: 48276
Ion Ratio Lower Upper
130 100
95 92.1 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.719 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

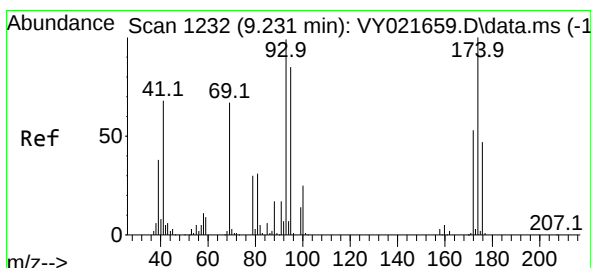
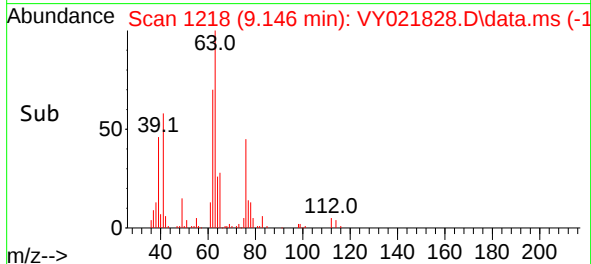
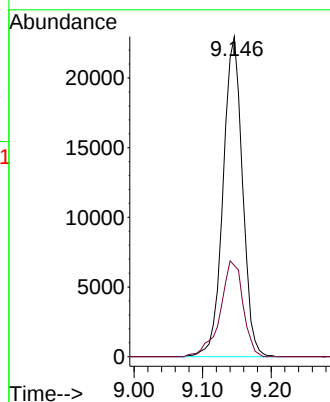
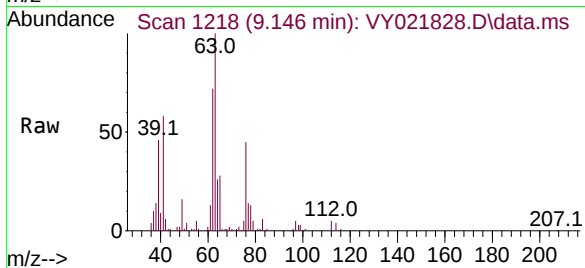
VY0410SBS01

Tgt Ion: 63 Resp: 45055

Ion Ratio Lower Upper

63 100

65 28.5 24.4 36.6



#46

Dibromomethane

Concen: 19.825 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

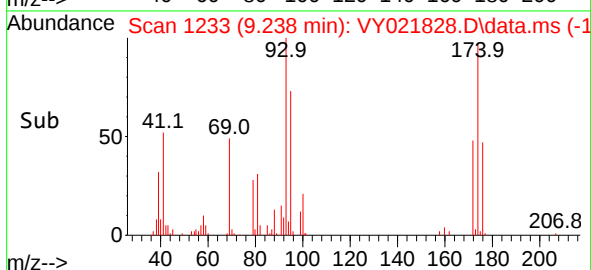
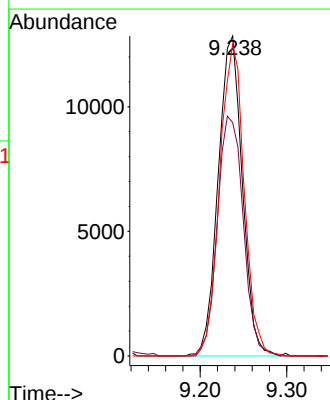
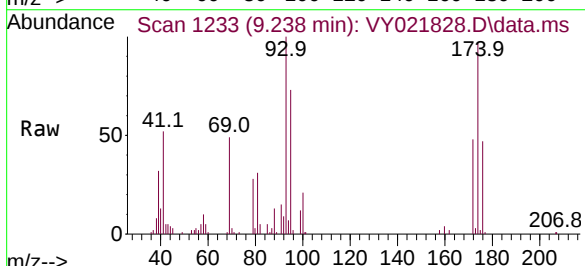
Tgt Ion: 93 Resp: 24846

Ion Ratio Lower Upper

93 100

95 80.0 68.1 102.1

174 98.9 80.9 121.3

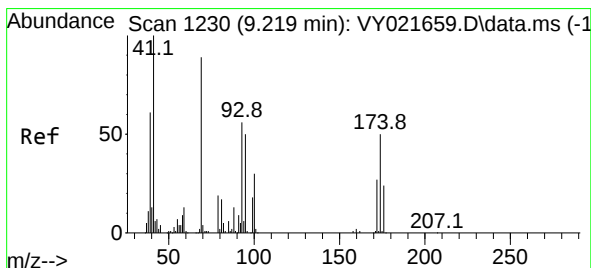
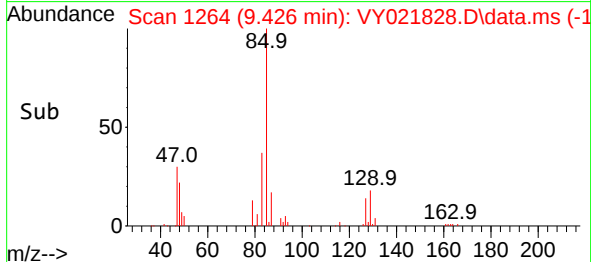
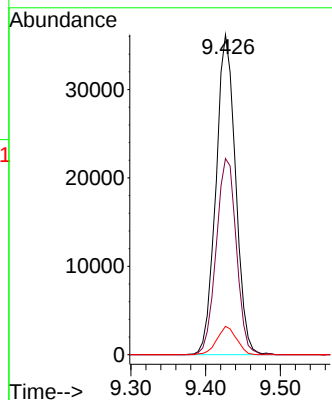
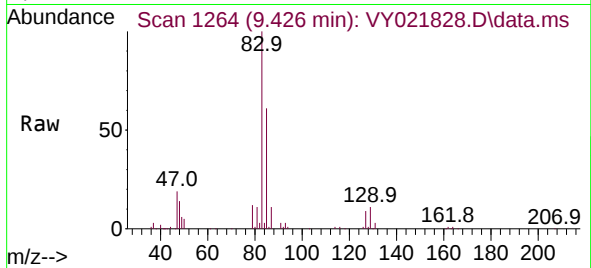




#47
Bromodichloromethane
Concen: 20.396 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

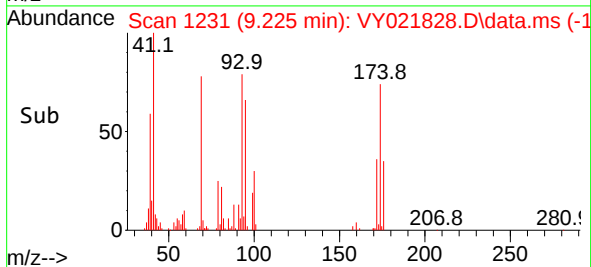
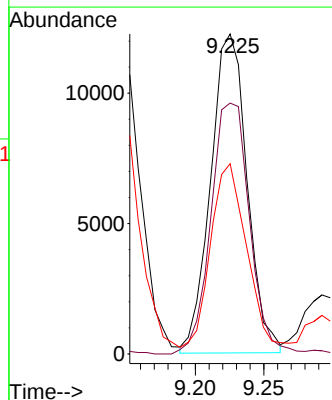
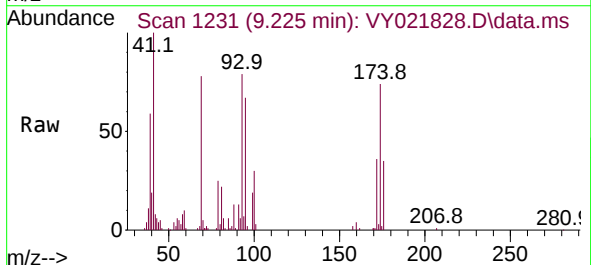
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

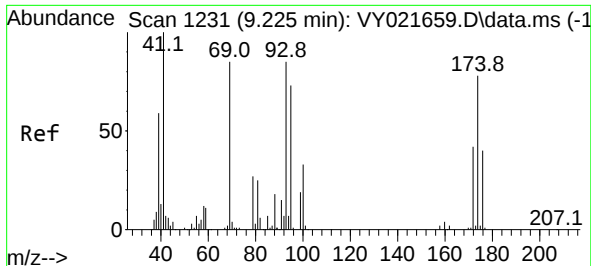
Tgt Ion: 83 Resp: 66235
Ion Ratio Lower Upper
83 100
85 61.3 51.8 77.6
127 8.8 6.8 10.2



#48
Methyl methacrylate
Concen: 17.994 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 41 Resp: 22658
Ion Ratio Lower Upper
41 100
69 83.4 69.8 104.8
39 56.6 47.2 70.8

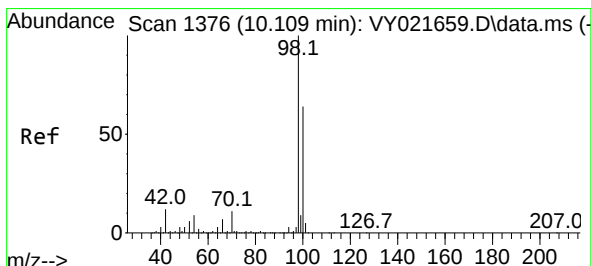
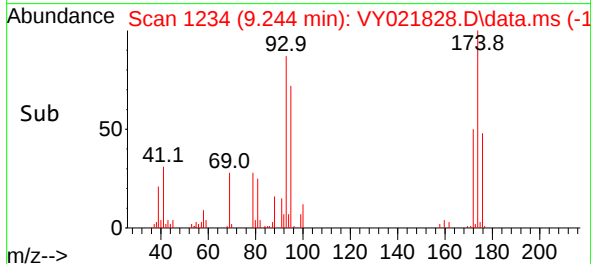
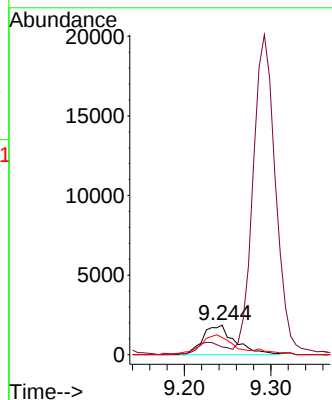
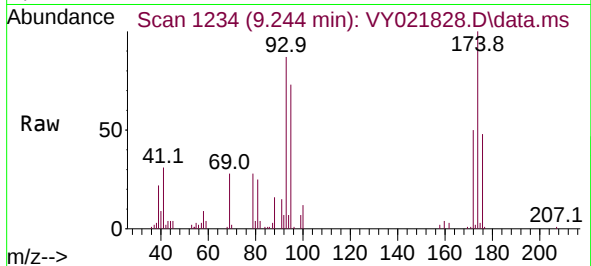




#49
1,4-Dioxane
Concen: 354.991 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.018 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

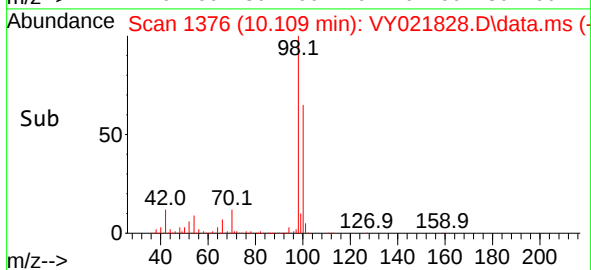
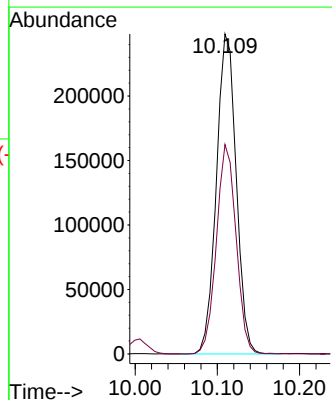
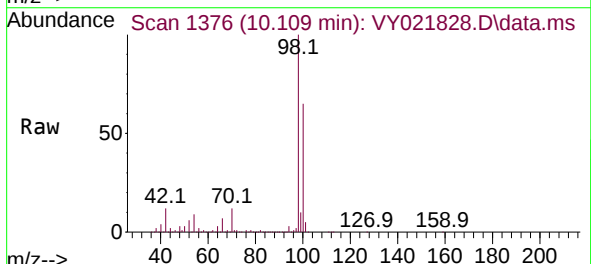
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

Tgt Ion: 88 Resp: 4766
Ion Ratio Lower Upper
88 100
43 31.3 28.8 43.2
58 65.7 59.4 89.2



#50
Toluene-d8
Concen: 54.310 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 98 Resp: 416120
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 85.840 ug/l

RT: 10.000 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

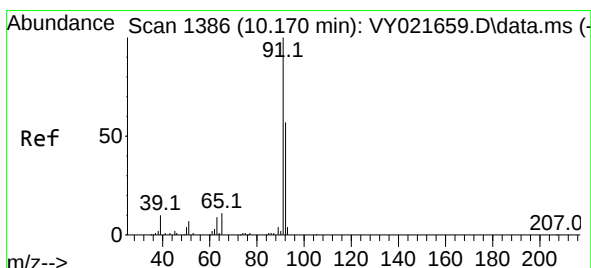
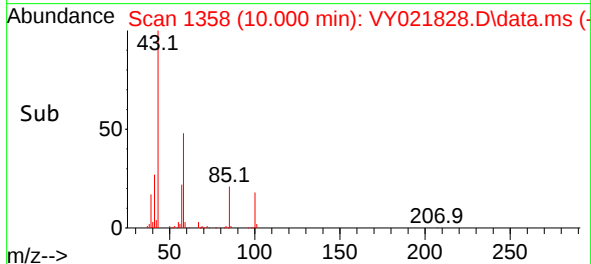
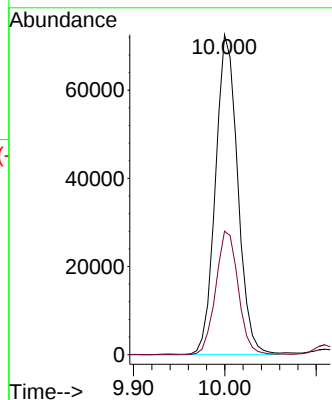
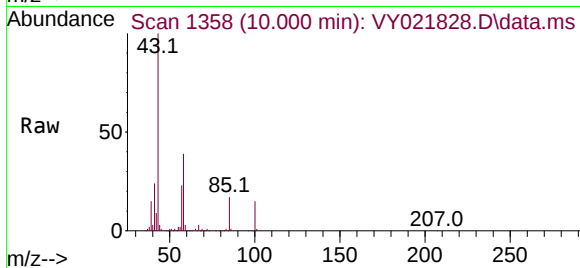
VY0410SBS01

Tgt Ion: 43 Resp: 122559

Ion Ratio Lower Upper

43 100

58 39.3 31.5 47.3



#52

Toluene

Concen: 21.000 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY021828.D

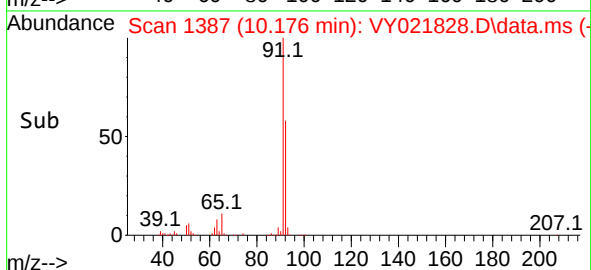
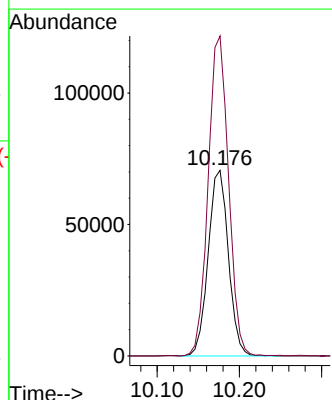
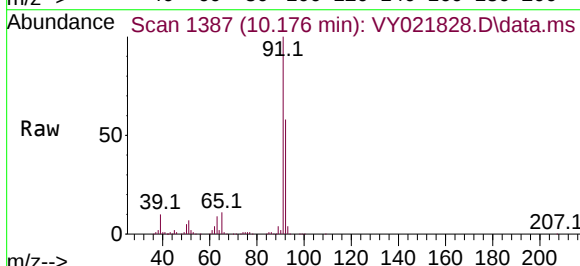
Acq: 10 Apr 2025 10:59

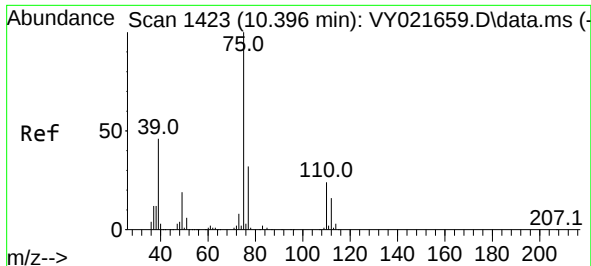
Tgt Ion: 92 Resp: 120366

Ion Ratio Lower Upper

92 100

91 173.9 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 19.152 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

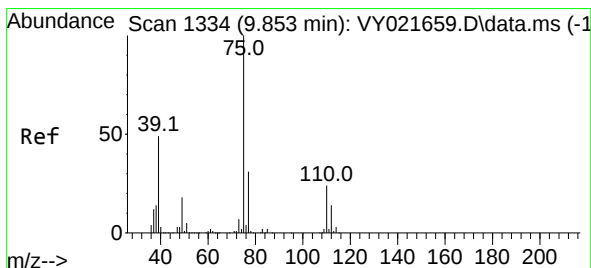
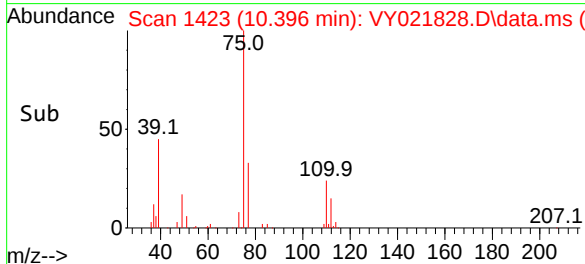
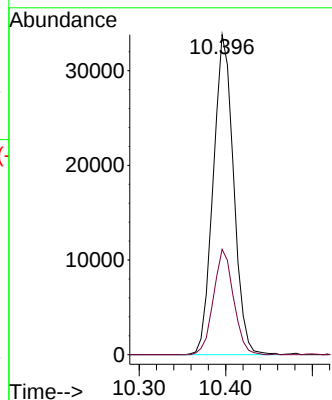
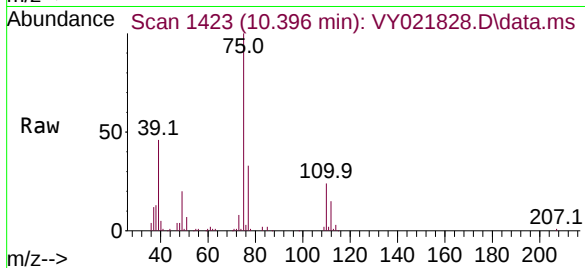
VY0410SBS01

Tgt Ion: 75 Resp: 55243

Ion Ratio Lower Upper

75 100

77 32.9 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.486 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

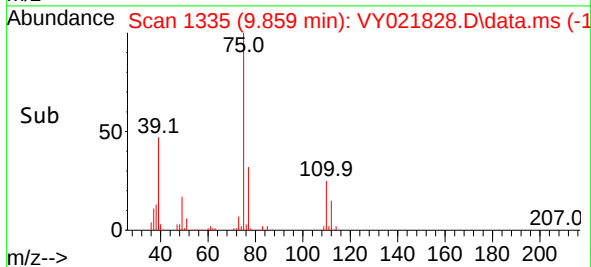
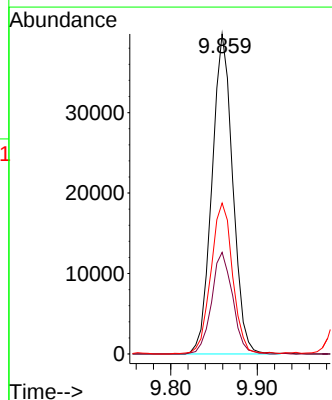
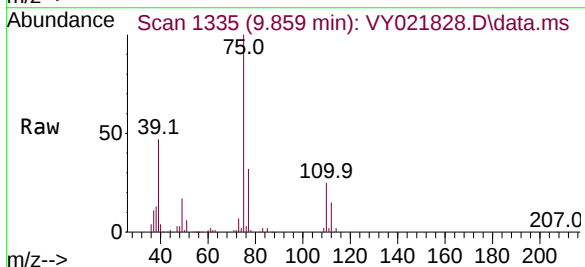
Tgt Ion: 75 Resp: 66307

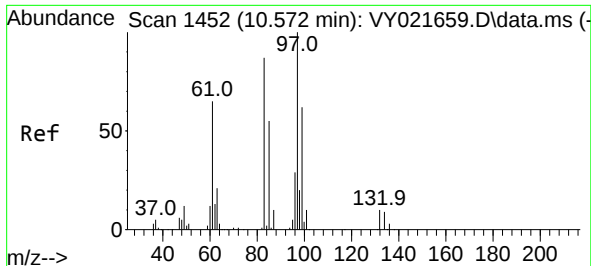
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 47.0 39.2 58.8

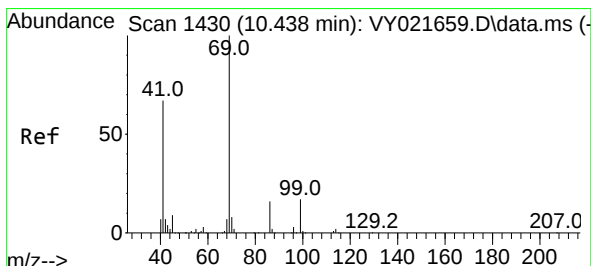
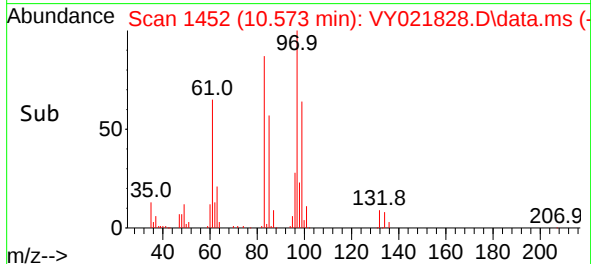
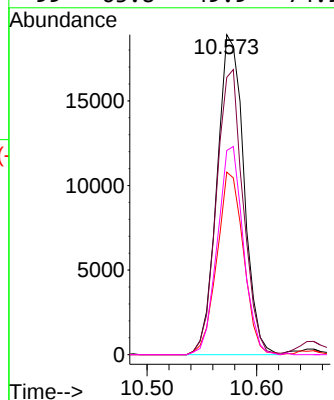
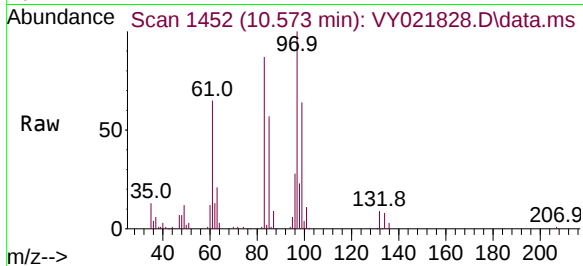




#55
1,1,2-Trichloroethane
Concen: 19.982 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

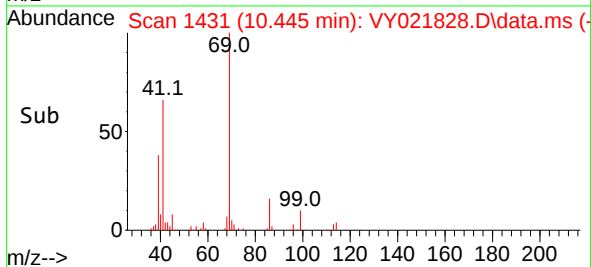
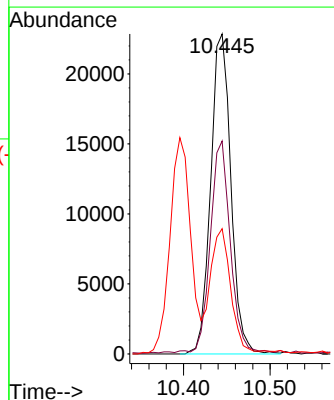
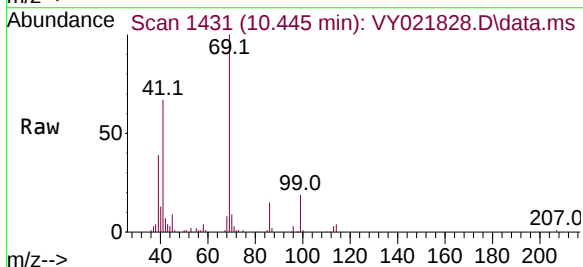
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

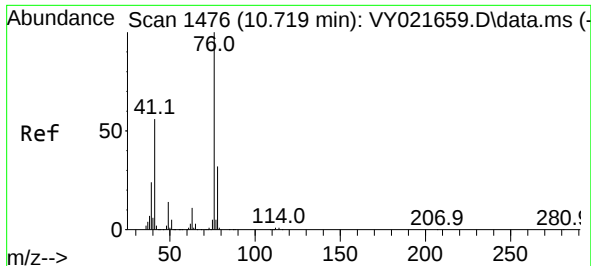
Tgt Ion: 97	Resp: 32227
Ion Ratio	Lower Upper
97 100	
83 86.7	69.5 104.3
85 57.0	43.9 65.9
99 63.8	49.9 74.9



#56
Ethyl methacrylate
Concen: 18.026 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 69	Resp: 37122
Ion Ratio	Lower Upper
69 100	
41 67.6	53.8 80.6
39 39.7	29.6 44.4





#57

1,3-Dichloropropane

Concen: 19.997 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

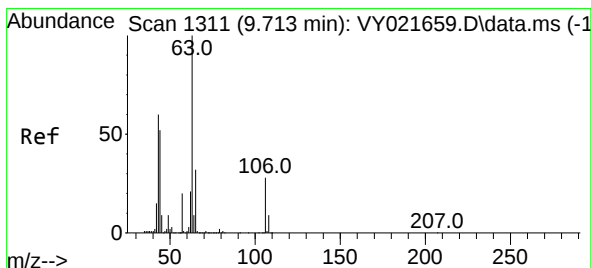
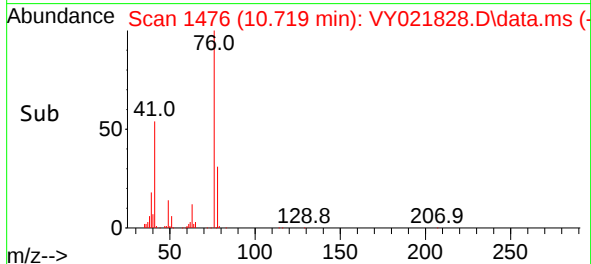
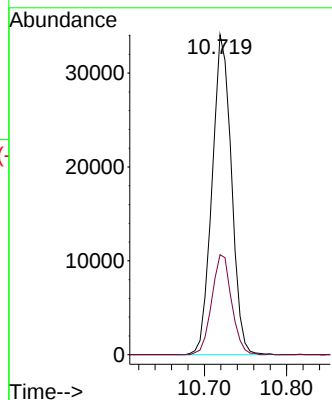
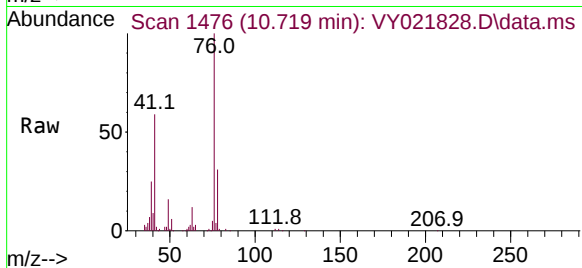
VY0410SBS01

Tgt Ion: 76 Resp: 55701

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.305 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021828.D

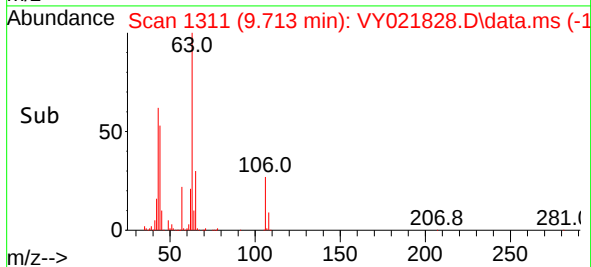
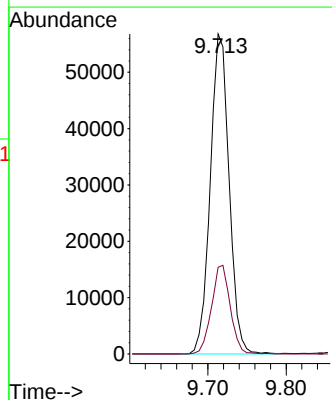
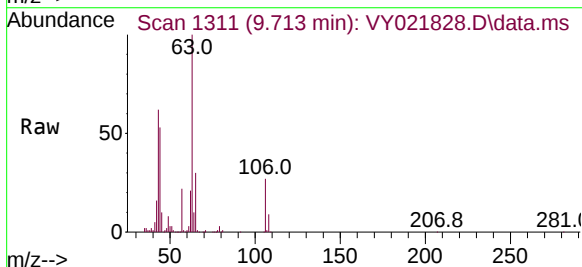
Acq: 10 Apr 2025 10:59

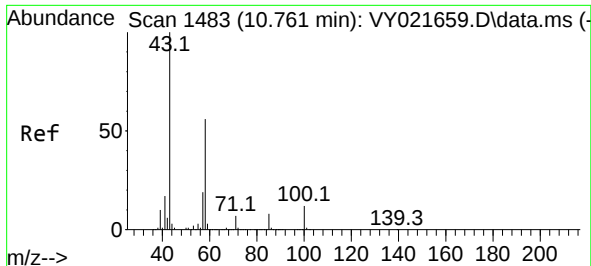
Tgt Ion: 63 Resp: 94741

Ion Ratio Lower Upper

63 100

106 27.5 22.4 33.6

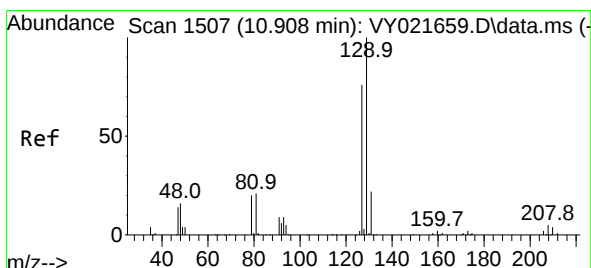
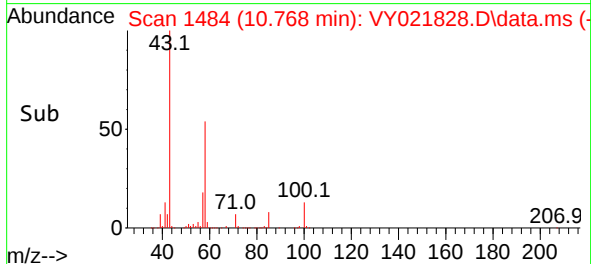
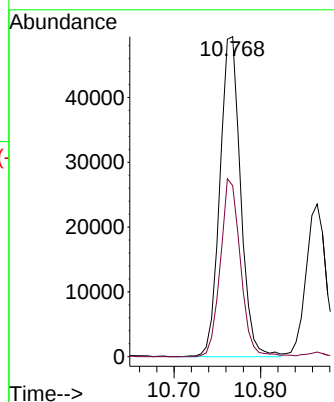
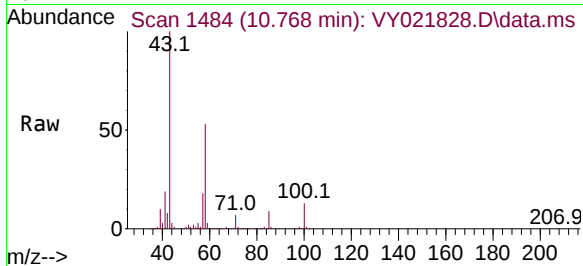




#59
2-Hexanone
Concen: 86.409 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

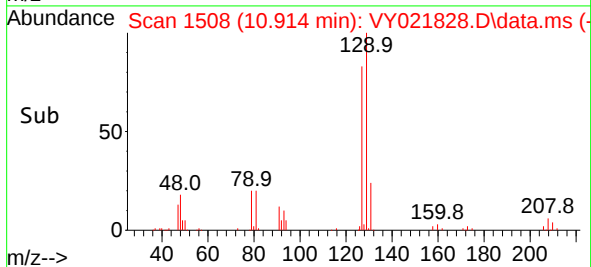
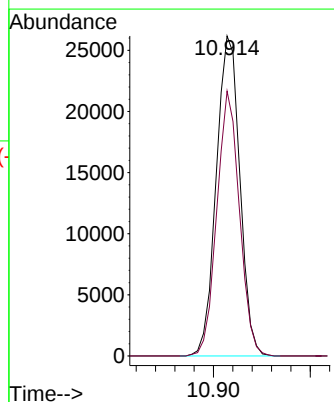
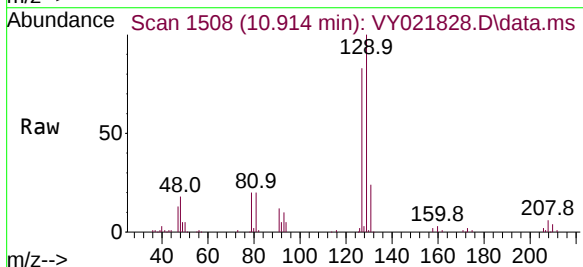
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

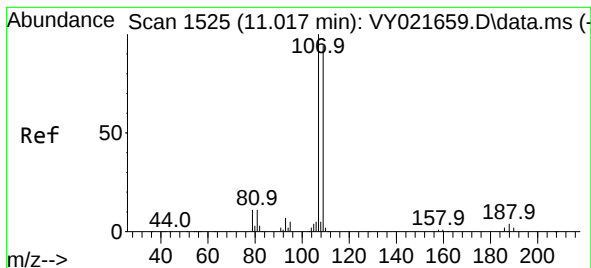
Tgt Ion: 43 Resp: 82164
Ion Ratio Lower Upper
43 100
58 53.9 27.2 81.5



#60
Dibromochloromethane
Concen: 20.098 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 129 Resp: 44255
Ion Ratio Lower Upper
129 100
127 79.3 38.6 115.7

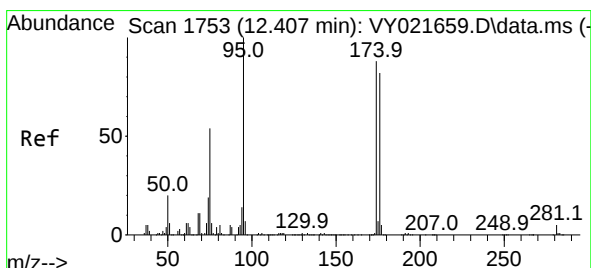
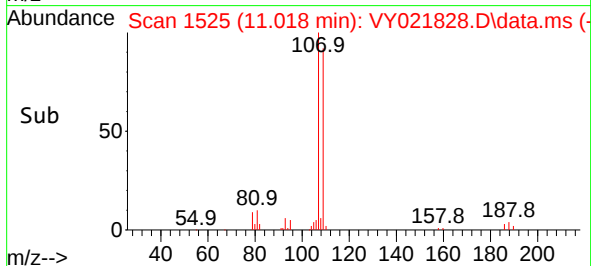
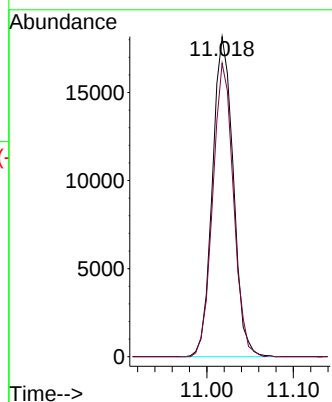
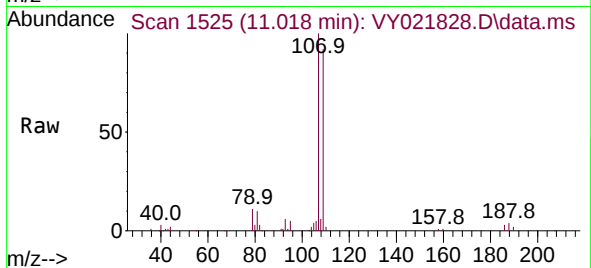




#61
1,2-Dibromoethane
Concen: 20.042 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

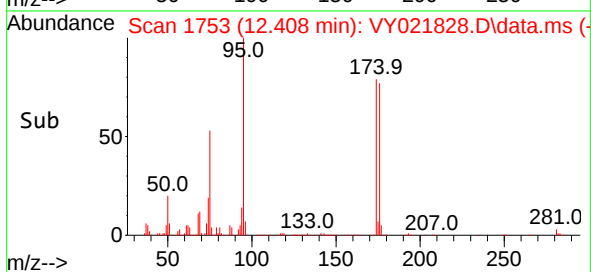
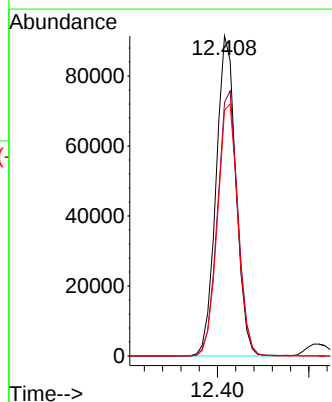
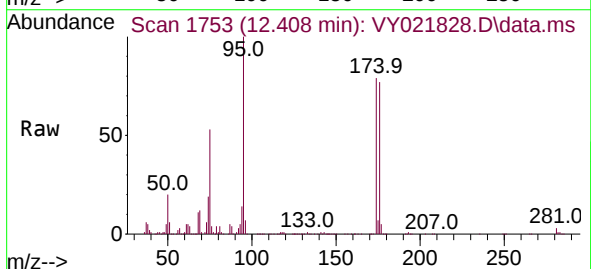
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

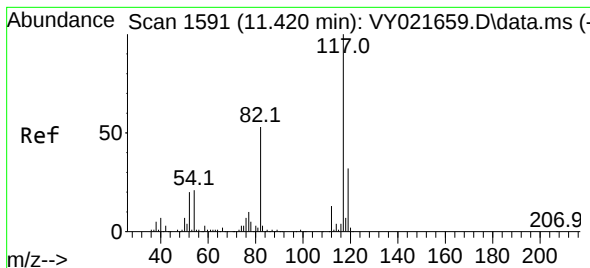
Tgt Ion:107 Resp: 30322
Ion Ratio Lower Upper
107 100
109 91.2 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 53.273 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 95 Resp: 138064
Ion Ratio Lower Upper
95 100
174 84.9 0.0 170.8
176 81.3 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0410SBS01

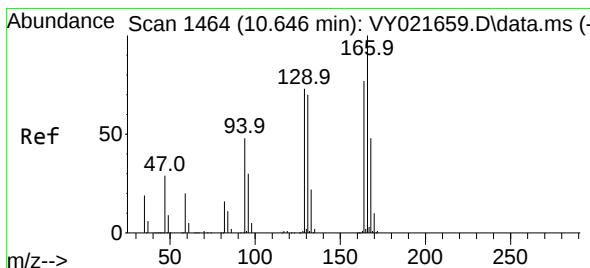
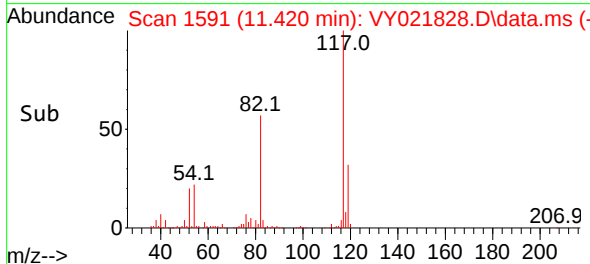
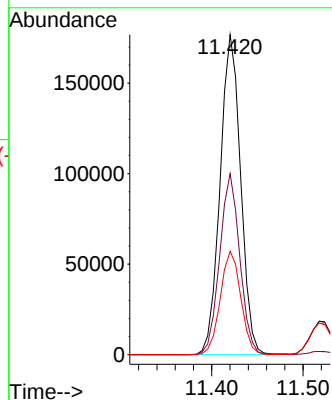
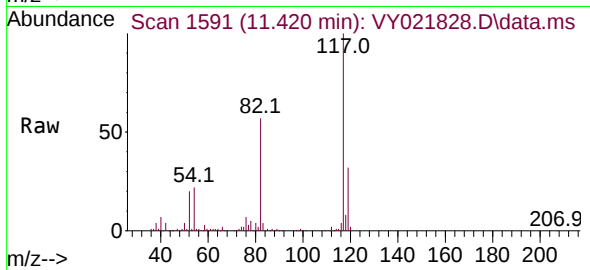
Tgt Ion:117 Resp: 276303

Ion Ratio Lower Upper

117 100

82 56.6 42.8 64.2

119 32.3 25.7 38.5



#64

Tetrachloroethene

Concen: 20.895 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Tgt Ion:164 Resp: 52581

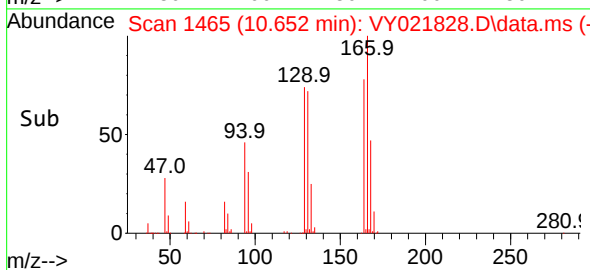
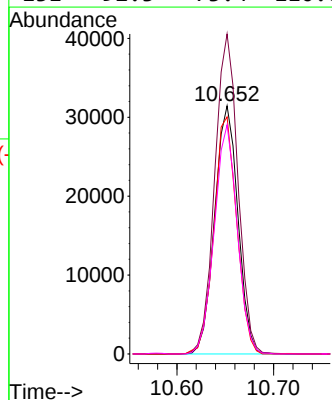
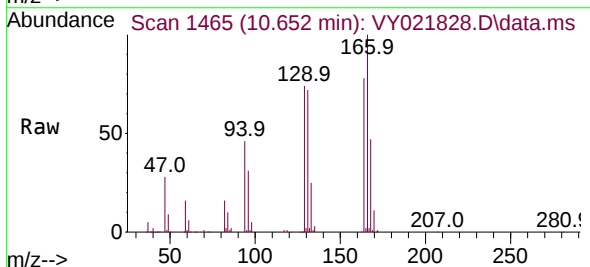
Ion Ratio Lower Upper

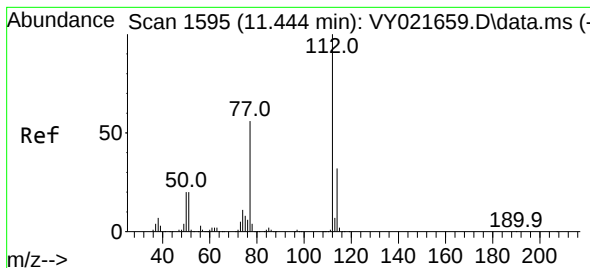
164 100

166 128.9 104.6 156.8

129 95.5 76.6 114.8

131 92.3 73.4 110.0





#65

Chlorobenzene

Concen: 20.562 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

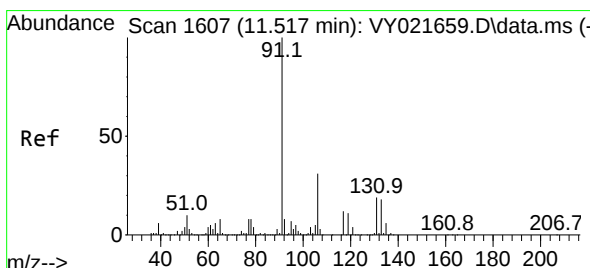
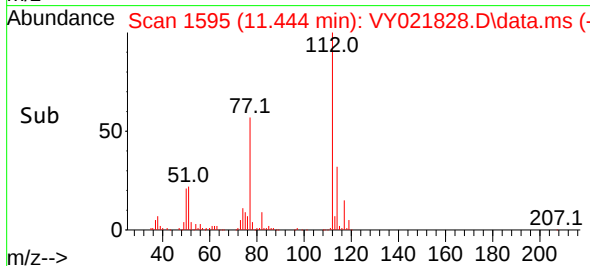
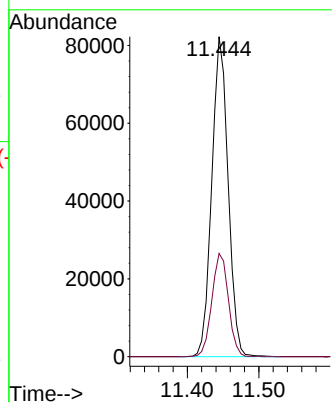
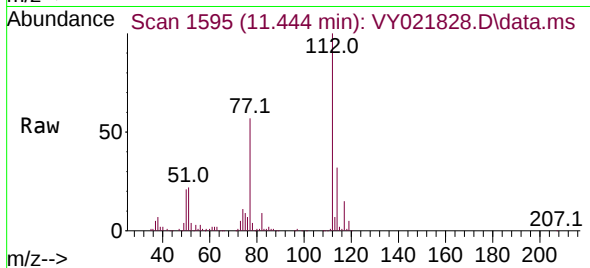
VY0410SBS01

Tgt Ion:112 Resp: 130234

Ion Ratio Lower Upper

112 100

114 32.3 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.700 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

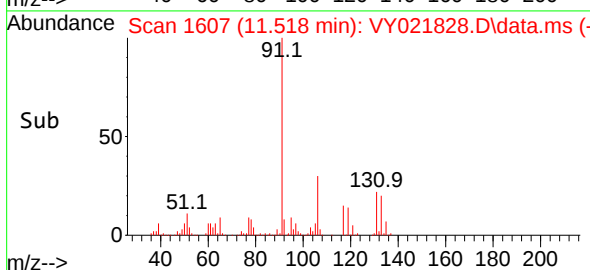
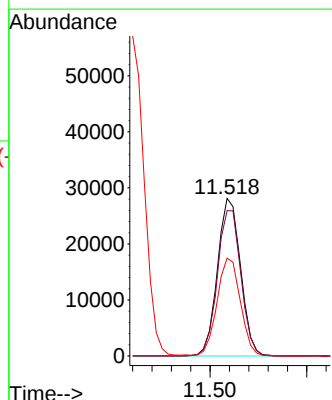
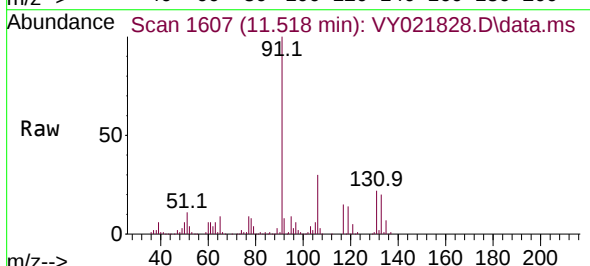
Tgt Ion:131 Resp: 46518

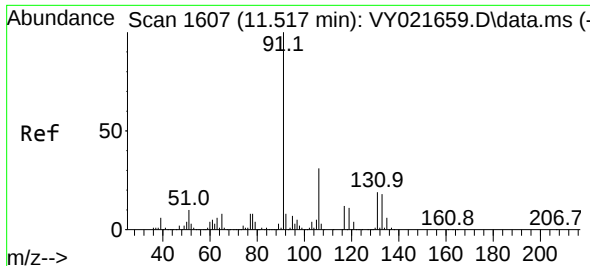
Ion Ratio Lower Upper

131 100

133 94.6 47.3 141.8

119 62.7 31.6 95.0





#67

Ethyl Benzene

Concen: 20.498 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

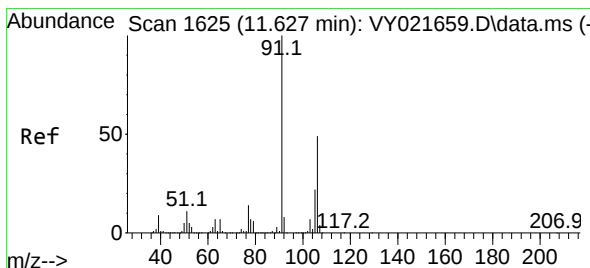
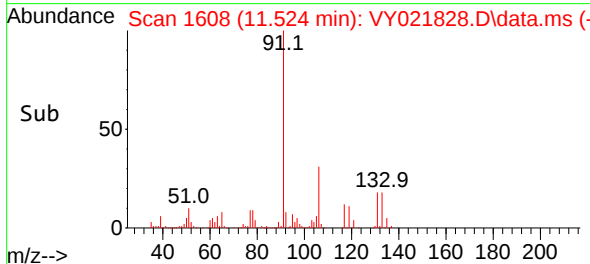
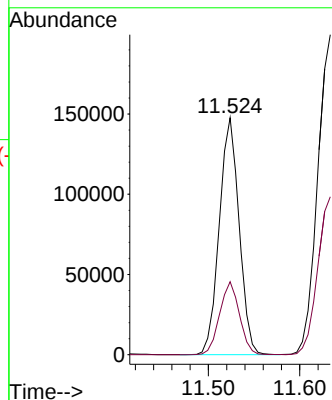
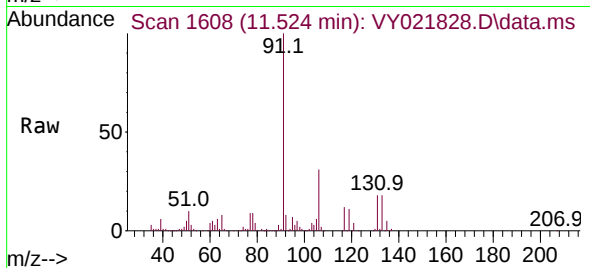
VY0410SBS01

Tgt Ion: 91 Resp: 222629

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 42.050 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021828.D

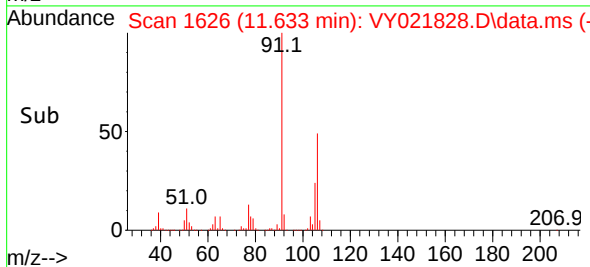
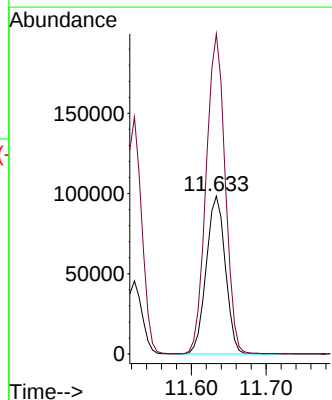
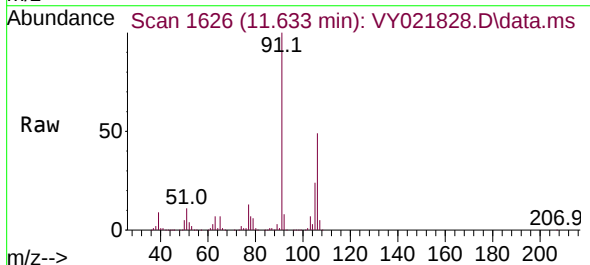
Acq: 10 Apr 2025 10:59

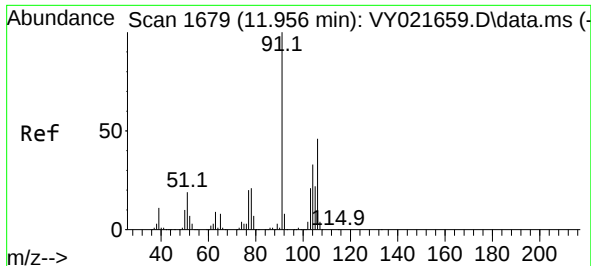
Tgt Ion:106 Resp: 174884

Ion Ratio Lower Upper

106 100

91 201.7 162.4 243.6

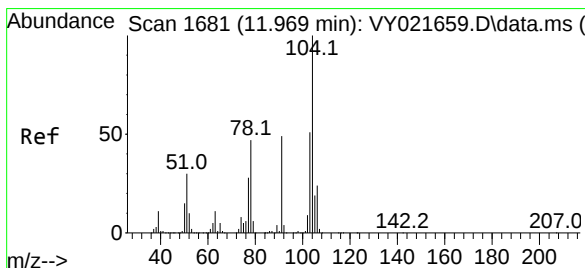
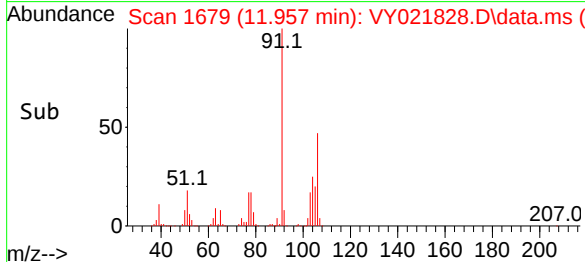
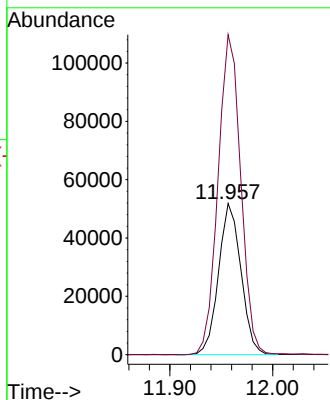
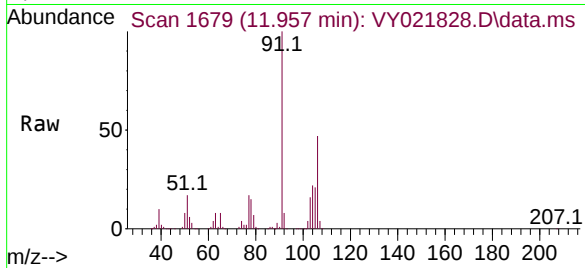




#69
o-Xylene
Concen: 20.417 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

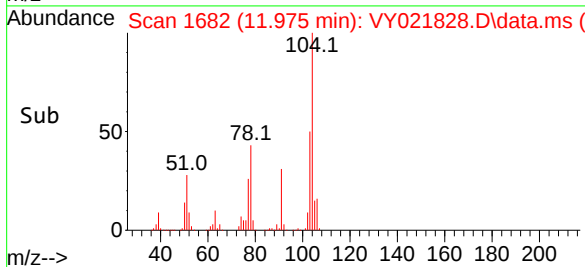
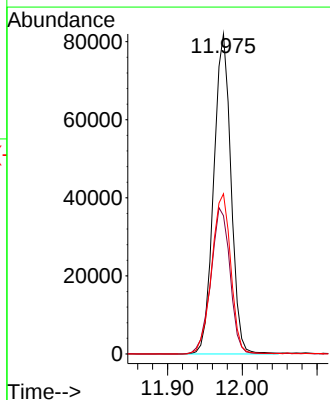
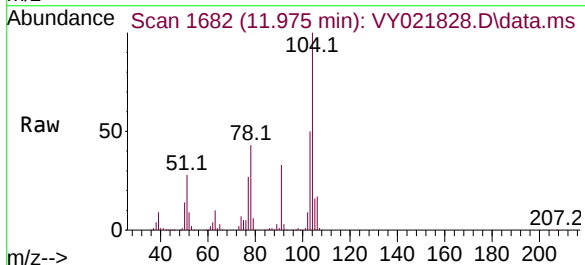
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

Tgt Ion:106 Resp: 78381
Ion Ratio Lower Upper
106 100
91 215.3 106.7 319.9



#70
Styrene
Concen: 20.514 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion:104 Resp: 131308
Ion Ratio Lower Upper
104 100
78 50.8 40.8 61.2
103 55.5 44.2 66.2





#71

Bromoform

Concen: 19.469 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0410SBS01

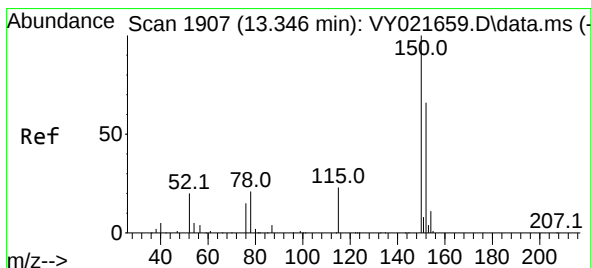
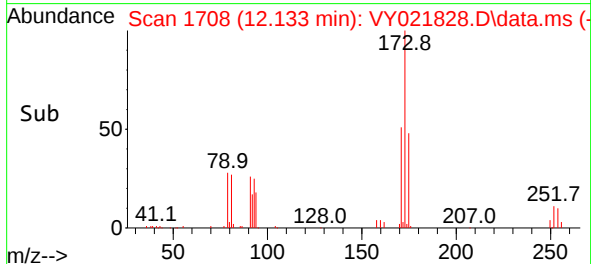
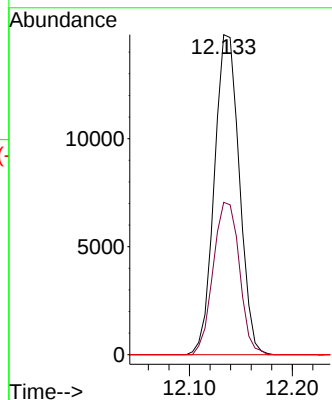
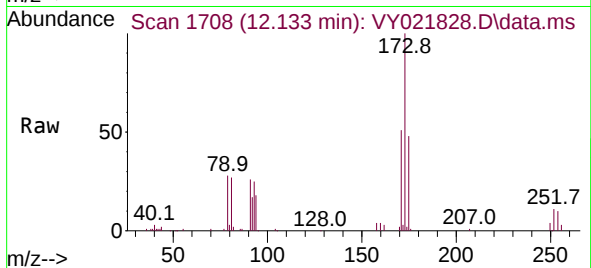
Tgt Ion:173 Resp: 24956

Ion Ratio Lower Upper

173 100

175 50.0 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

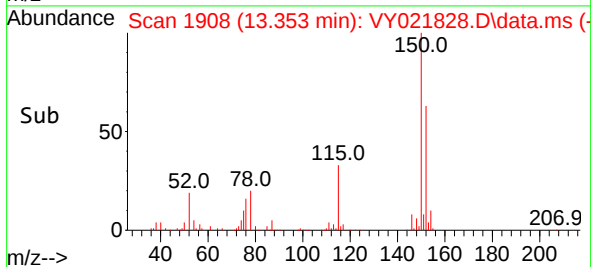
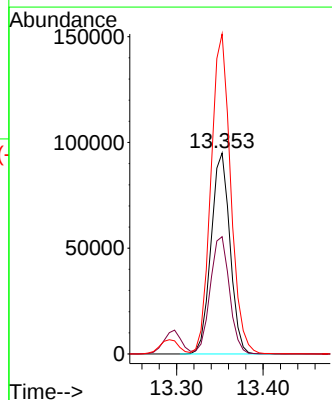
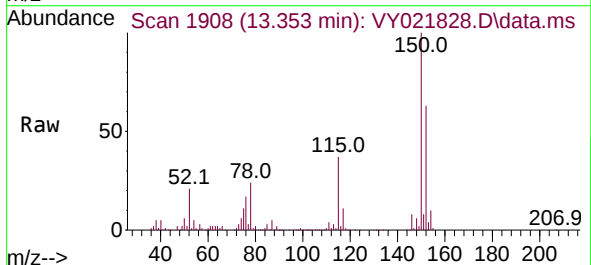
Tgt Ion:152 Resp: 144045

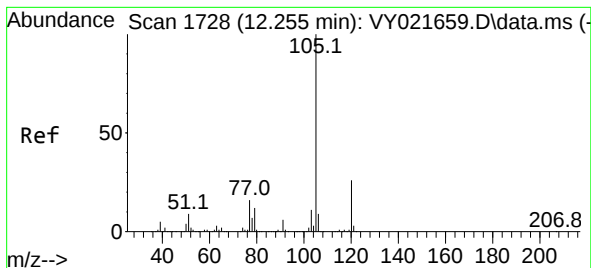
Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 166.1 0.0 348.4





#73

Isopropylbenzene

Concen: 19.744 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

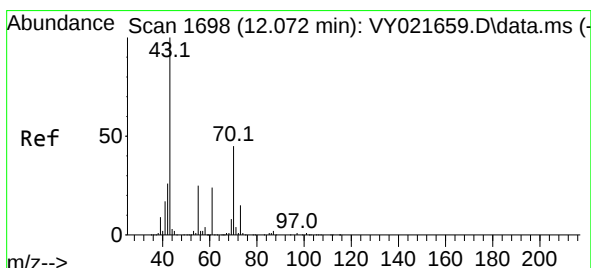
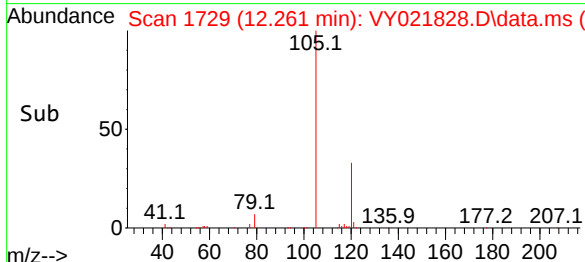
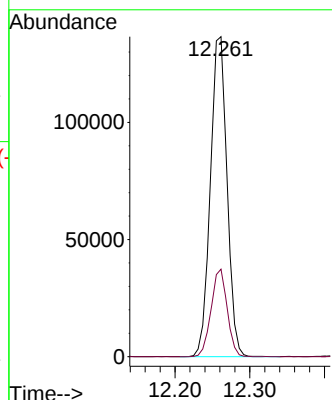
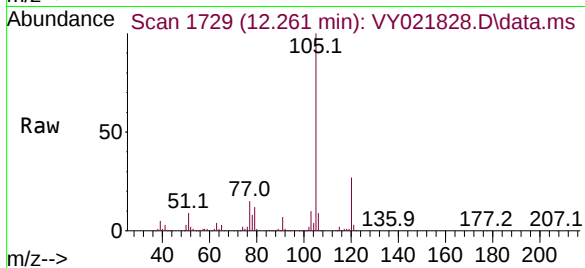
VY0410SBS01

Tgt Ion:105 Resp: 211237

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-amy1 acetate

Concen: 16.915 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Tgt Ion: 43 Resp: 42471

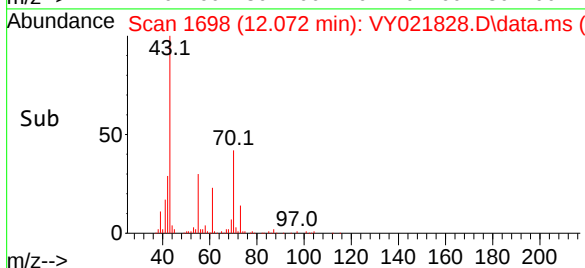
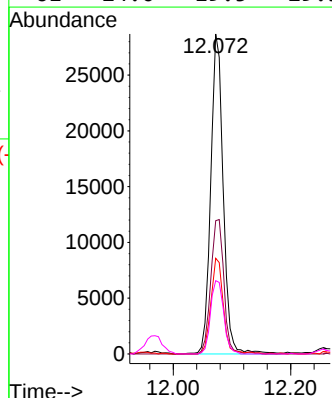
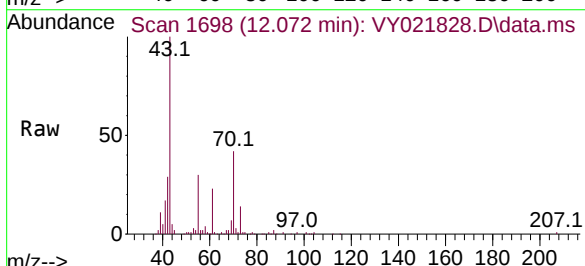
Ion Ratio Lower Upper

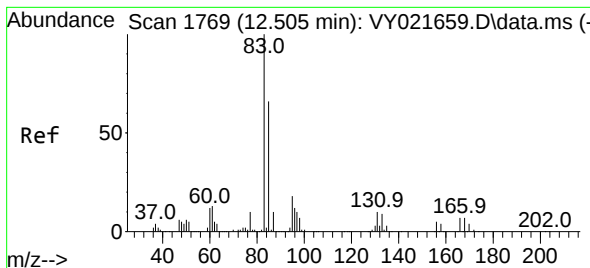
43 100

70 43.6 34.7 52.1

55 29.8 21.2 31.8

61 24.0 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.155 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0410SBS01

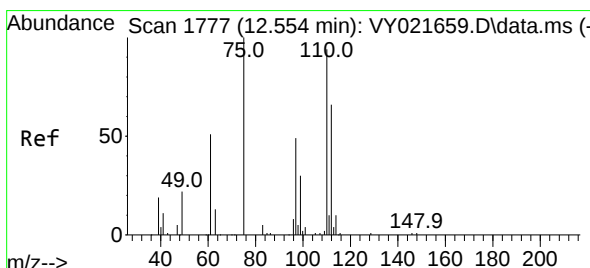
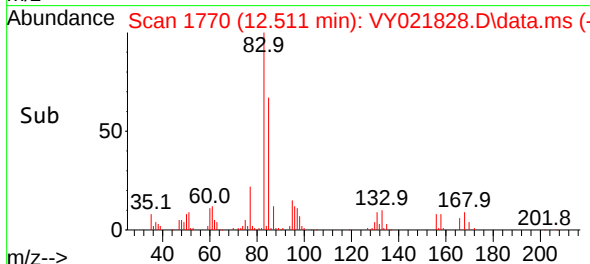
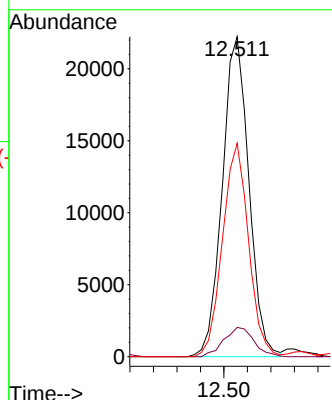
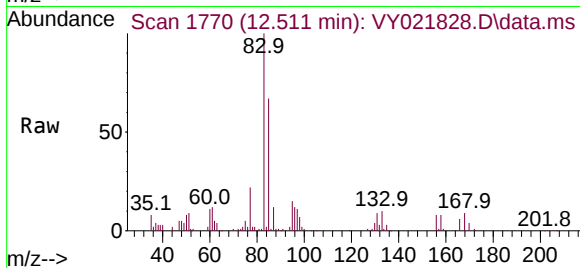
Tgt Ion: 83 Resp: 34921

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

85 65.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 32.711 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY021828.D

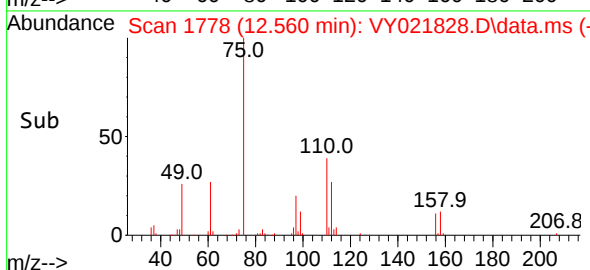
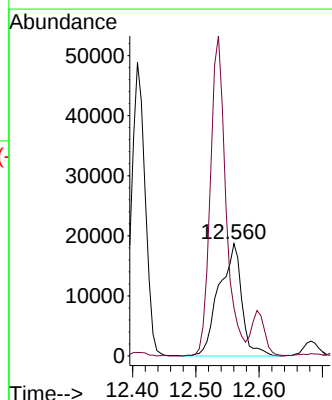
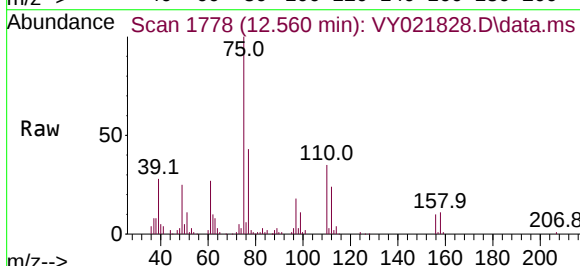
Acq: 10 Apr 2025 10:59

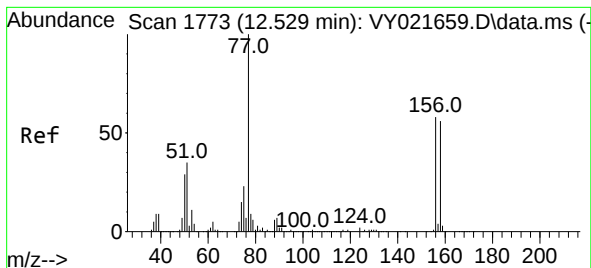
Tgt Ion: 75 Resp: 46707

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.766 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0410SBS01

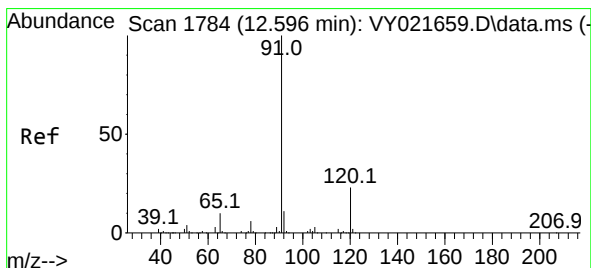
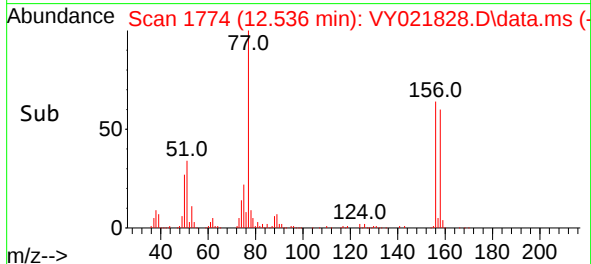
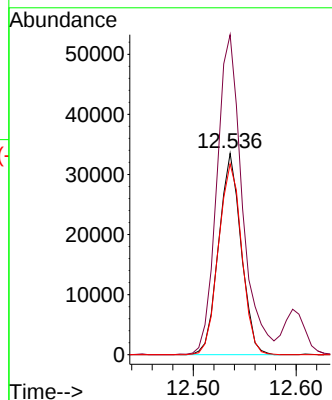
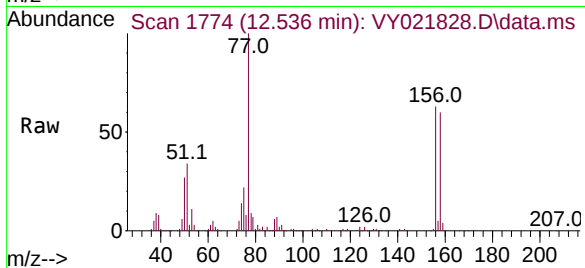
Tgt Ion:156 Resp: 50775

Ion Ratio Lower Upper

156 100

77 180.3 92.8 278.3

158 97.9 48.5 145.6



#78

n-propylbenzene

Concen: 20.456 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021828.D

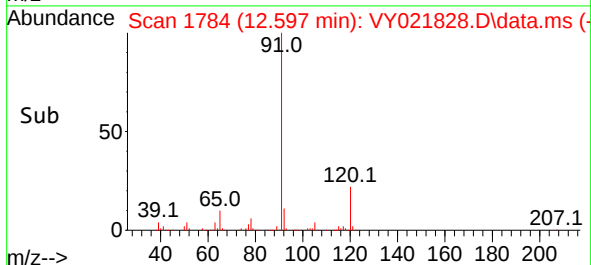
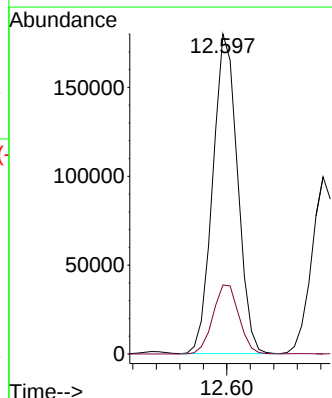
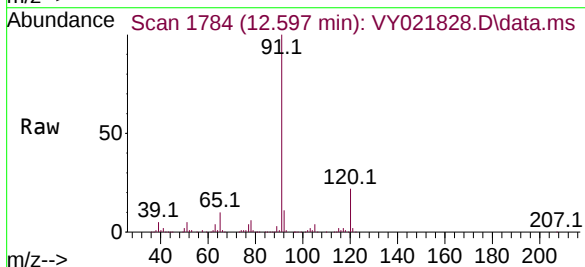
Acq: 10 Apr 2025 10:59

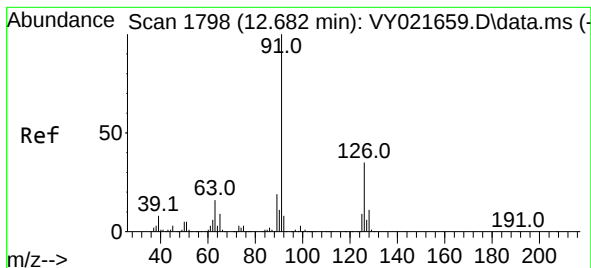
Tgt Ion: 91 Resp: 263112

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9





#79

2-Chlorotoluene

Concen: 20.159 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

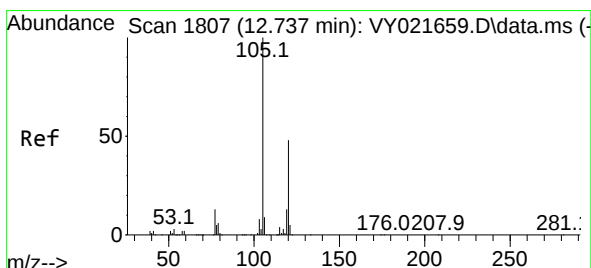
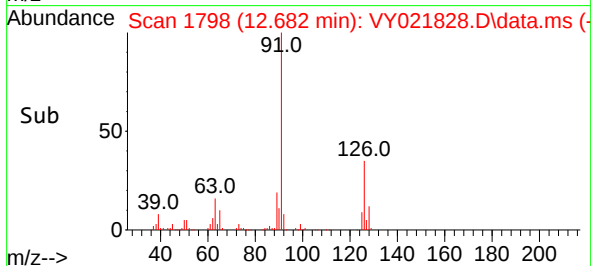
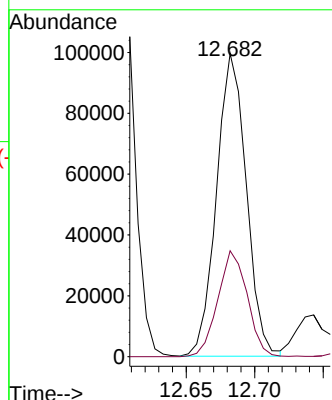
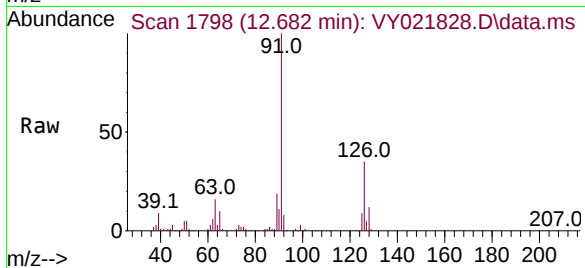
VY0410SBS01

Tgt Ion: 91 Resp: 150601

Ion Ratio Lower Upper

91 100

126 34.5 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 20.143 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY021828.D

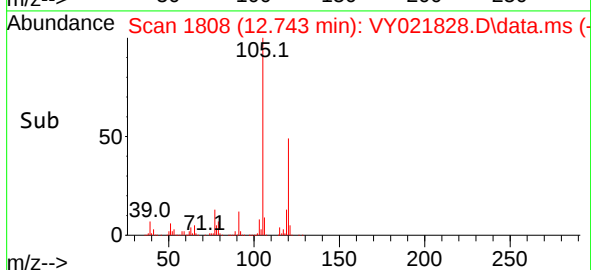
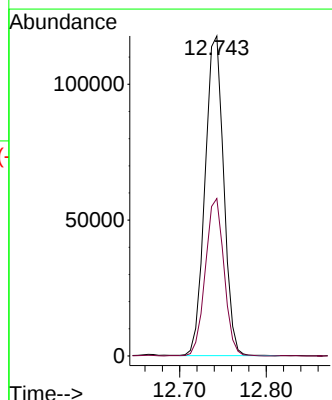
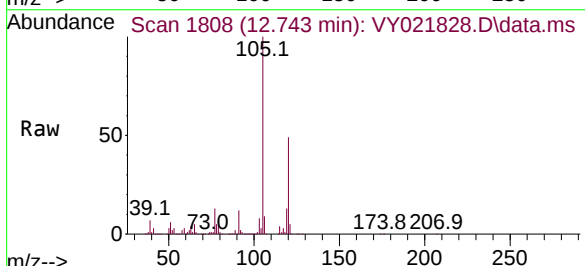
Acq: 10 Apr 2025 10:59

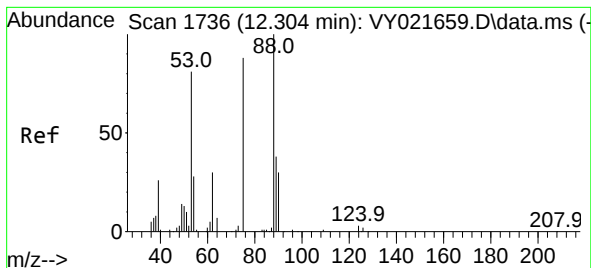
Tgt Ion: 105 Resp: 176133

Ion Ratio Lower Upper

105 100

120 49.5 24.5 73.5

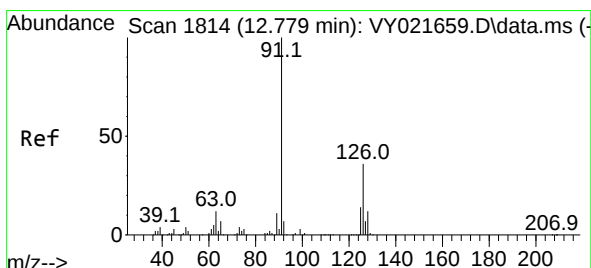
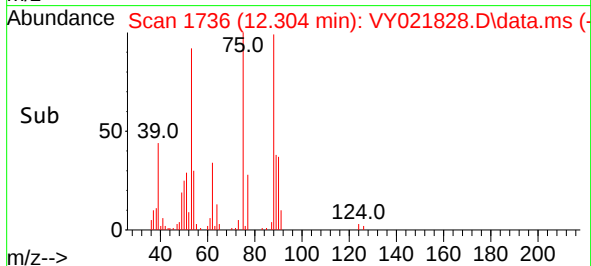
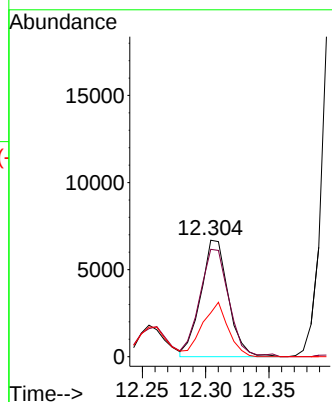
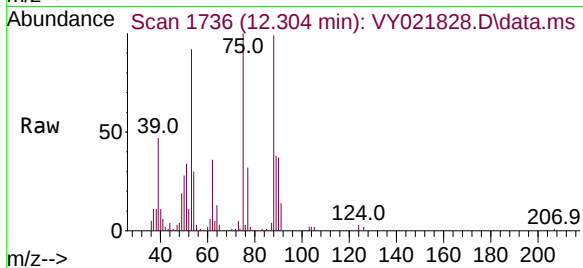




#81
trans-1,4-Dichloro-2-butene
Concen: 16.329 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

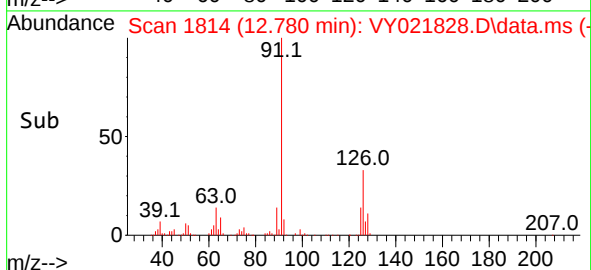
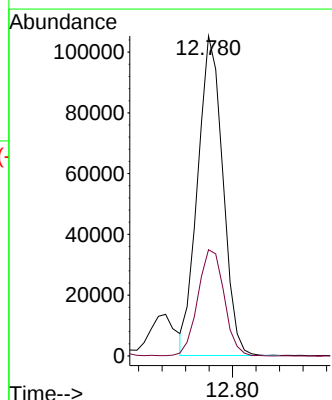
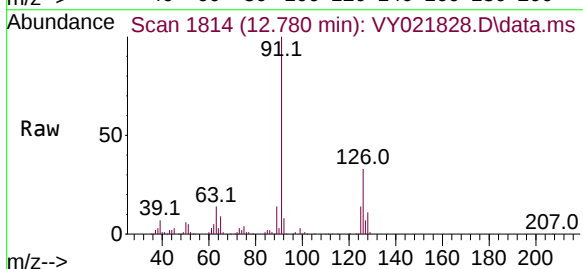
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

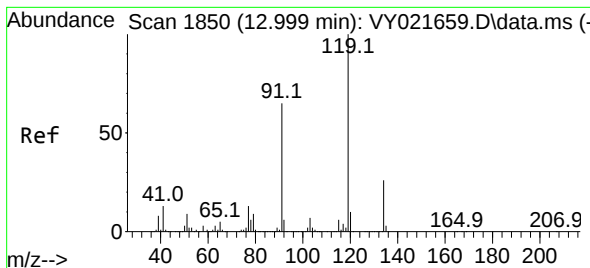
Tgt Ion: 75 Resp: 10119
Ion Ratio Lower Upper
75 100
53 97.9 76.1 114.1
89 44.2 36.2 54.4



#82
4-Chlorotoluene
Concen: 20.062 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 91 Resp: 156256
Ion Ratio Lower Upper
91 100
126 34.8 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.425 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0410SBS01

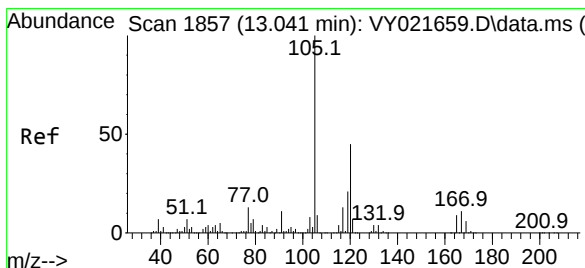
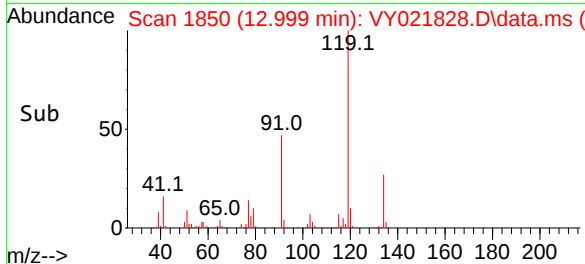
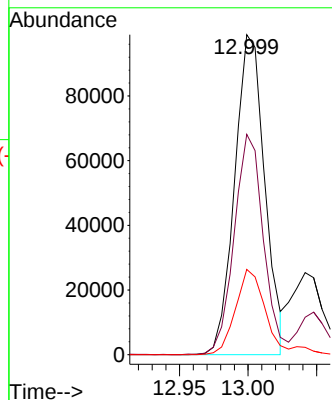
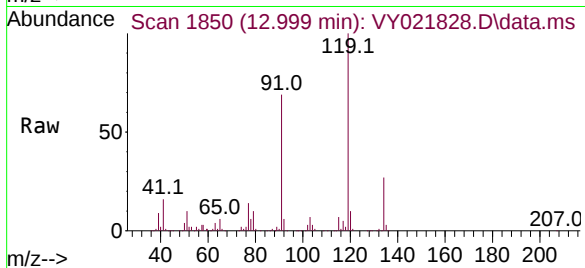
Tgt Ion:119 Resp: 151289

Ion Ratio Lower Upper

119 100

91 67.3 32.6 97.7

134 27.5 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.670 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY021828.D

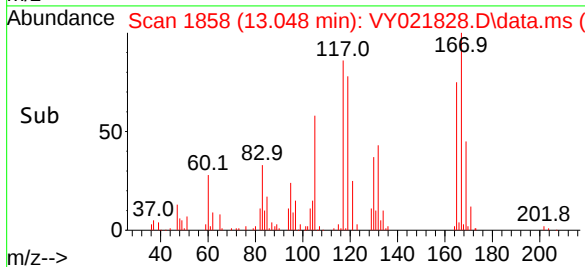
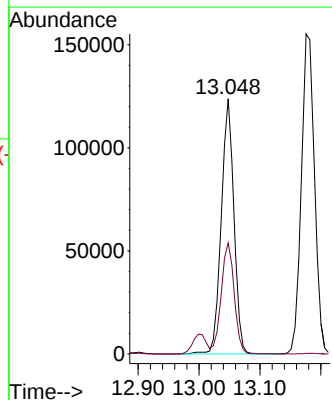
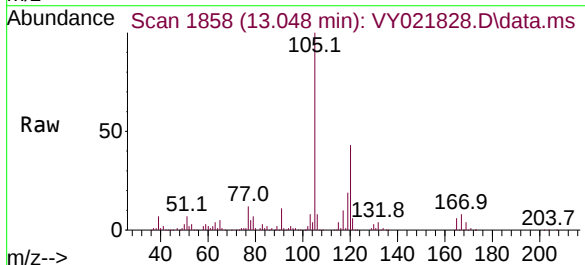
Acq: 10 Apr 2025 10:59

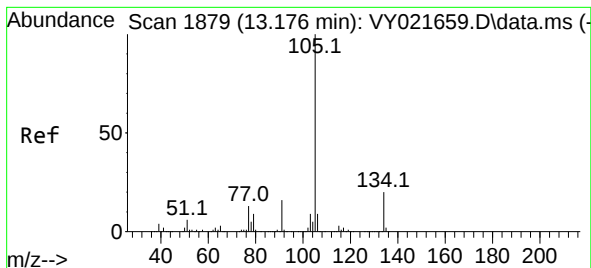
Tgt Ion:105 Resp: 178636

Ion Ratio Lower Upper

105 100

120 44.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.471 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

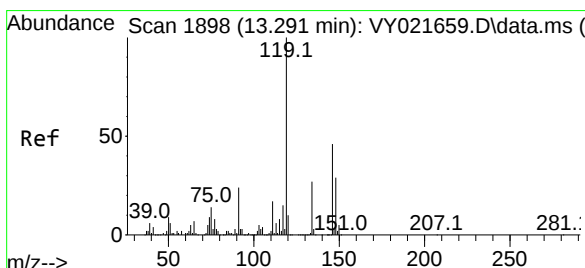
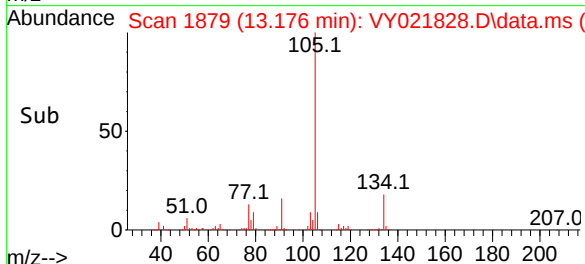
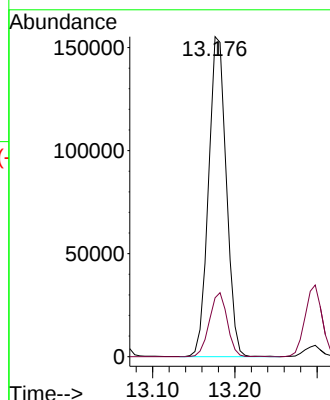
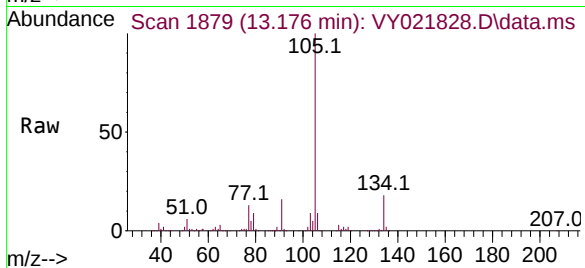
VY0410SBS01

Tgt Ion:105 Resp: 233001

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.499 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

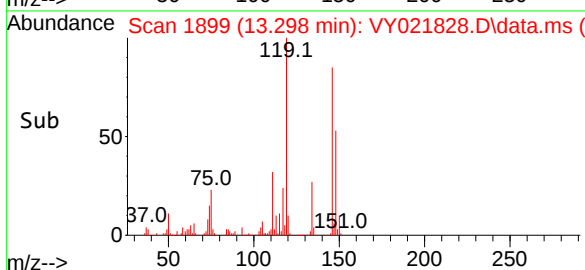
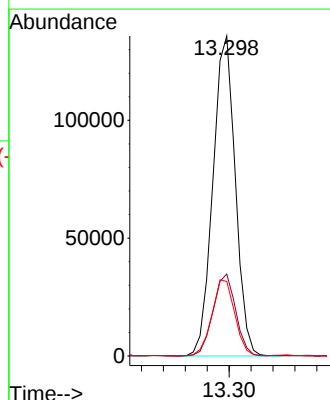
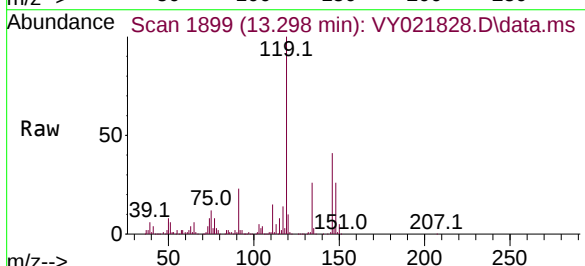
Tgt Ion:119 Resp: 192832

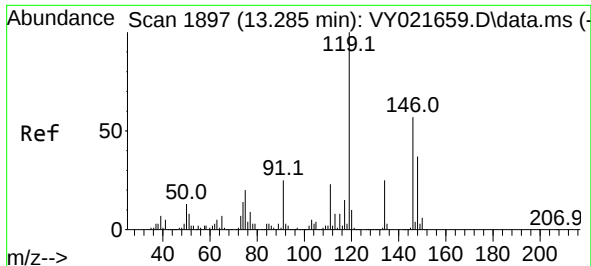
Ion Ratio Lower Upper

119 100

134 25.9 13.2 39.5

91 24.2 12.0 36.0

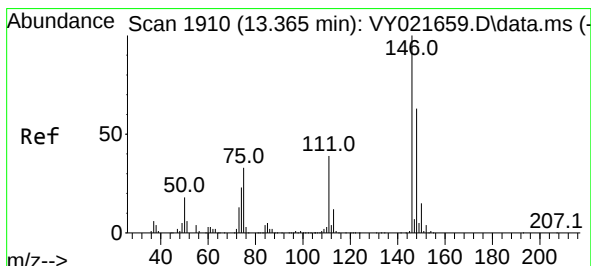
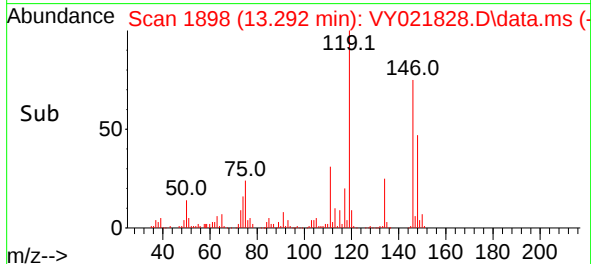
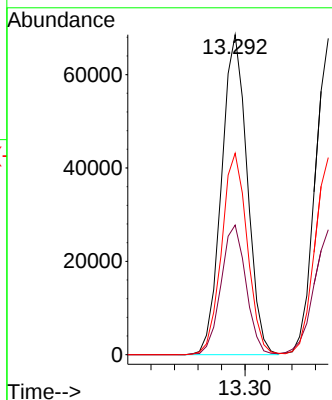
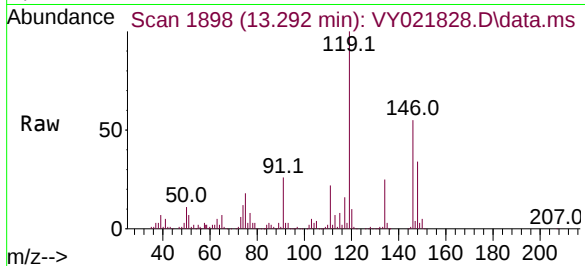




#87
1,3-Dichlorobenzene
Concen: 20.569 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

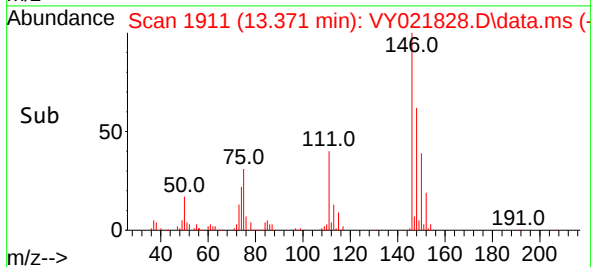
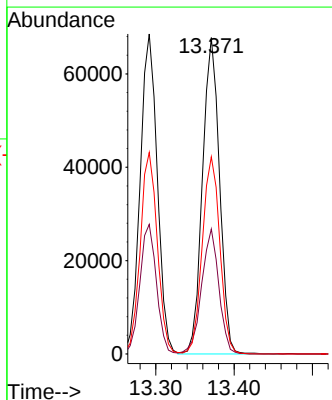
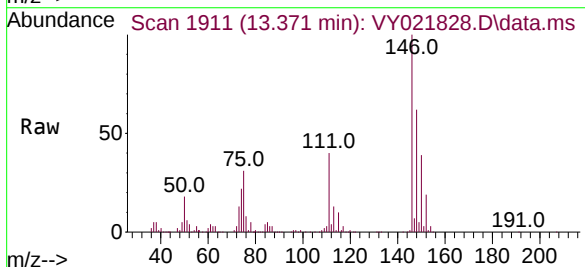
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

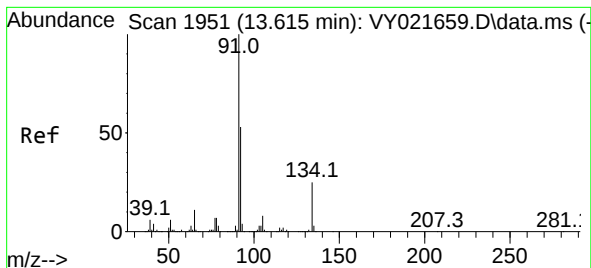
Tgt Ion:146 Resp: 104101
Ion Ratio Lower Upper
146 100
111 39.5 20.0 60.0
148 63.0 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 20.468 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion:146 Resp: 102343
Ion Ratio Lower Upper
146 100
111 40.0 19.1 57.1
148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 20.446 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0410SBS01

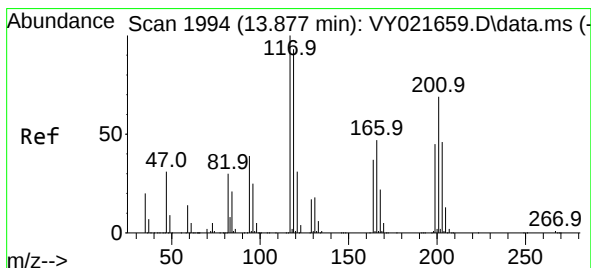
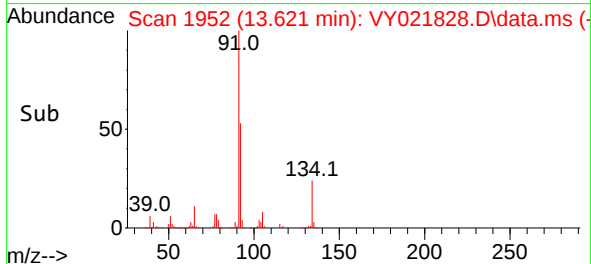
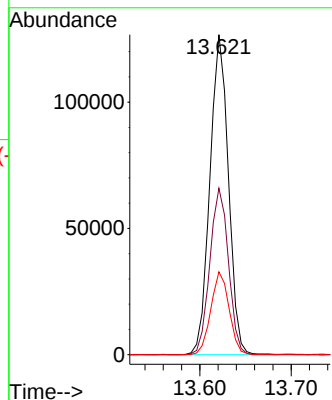
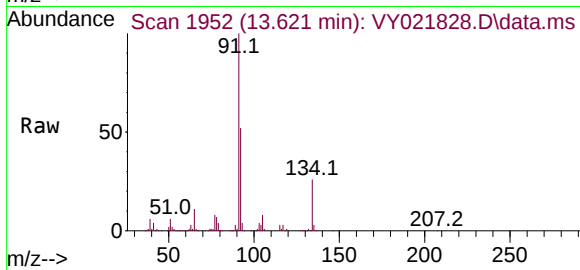
Tgt Ion: 91 Resp: 177878

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 25.6 12.8 38.4



#90

Hexachloroethane

Concen: 20.281 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021828.D

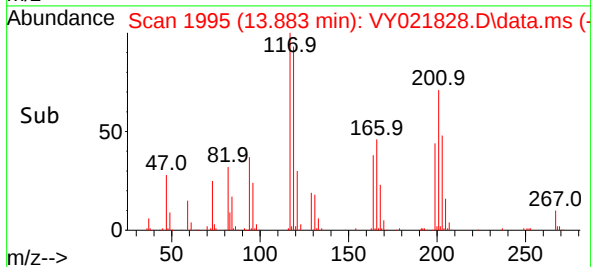
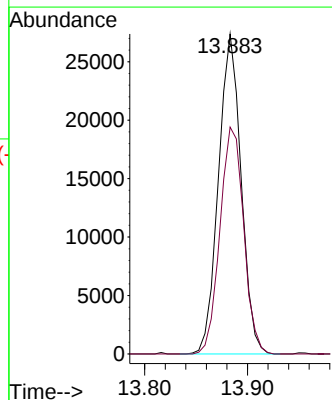
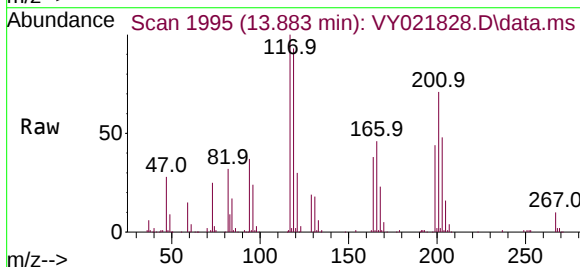
Acq: 10 Apr 2025 10:59

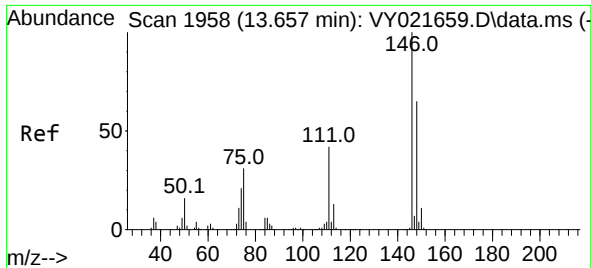
Tgt Ion: 117 Resp: 41809

Ion Ratio Lower Upper

117 100

201 74.2 37.4 112.1

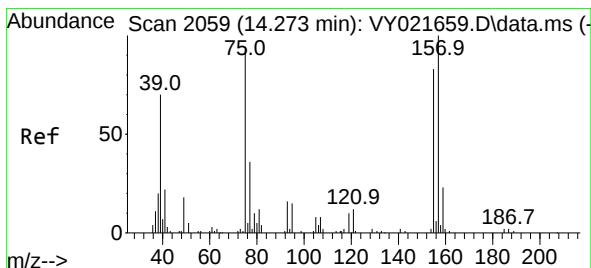
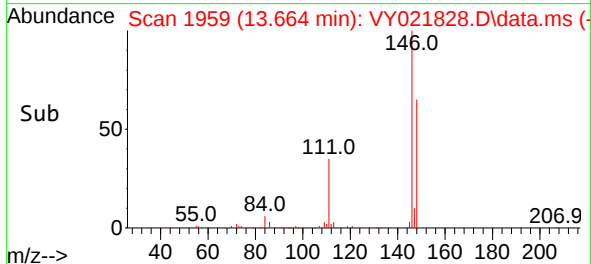
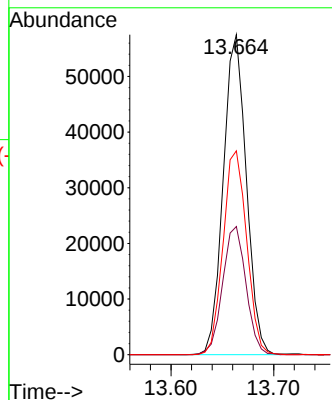
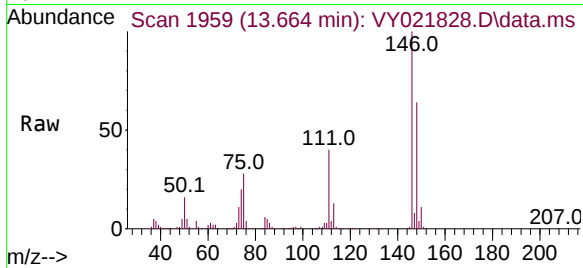




#91
1,2-Dichlorobenzene
Concen: 20.328 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

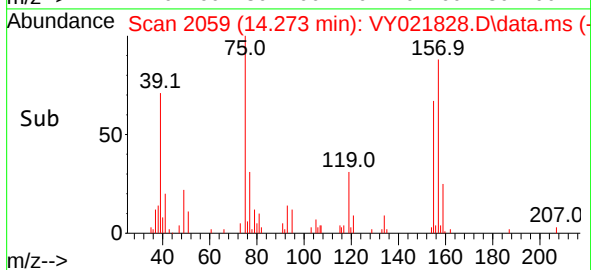
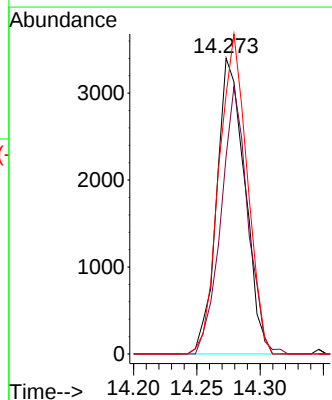
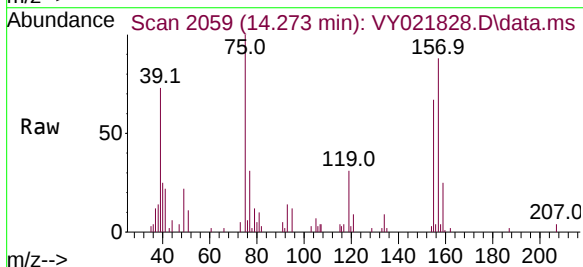
Instrument :
MSVOA_Y
ClientSampleId :
VY0410SBS01

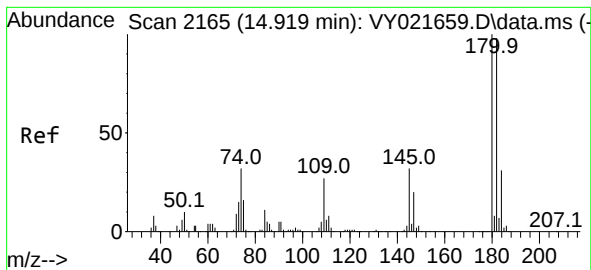
Tgt Ion:146 Resp: 89555
Ion Ratio Lower Upper
146 100
111 40.6 20.7 62.1
148 65.2 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.613 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021828.D
Acq: 10 Apr 2025 10:59

Tgt Ion: 75 Resp: 5251
Ion Ratio Lower Upper
75 100
155 85.9 43.0 128.8
157 108.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 20.077 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0410SBS01

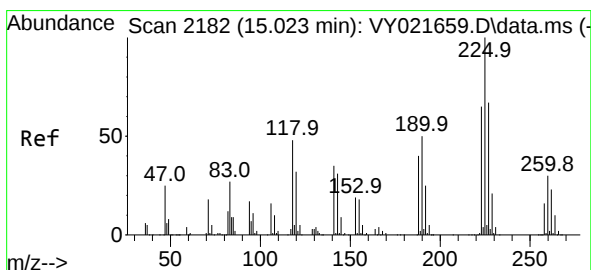
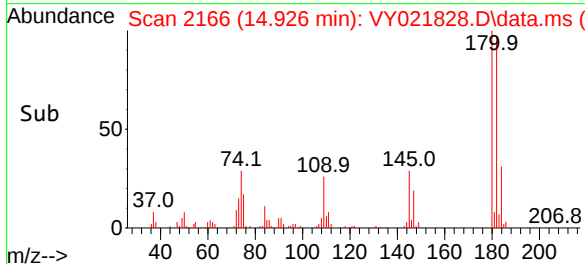
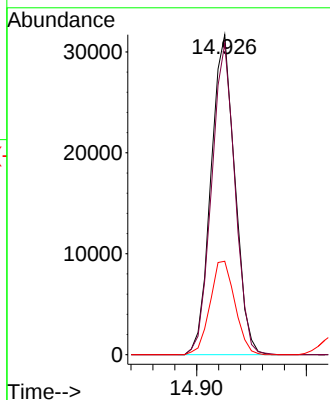
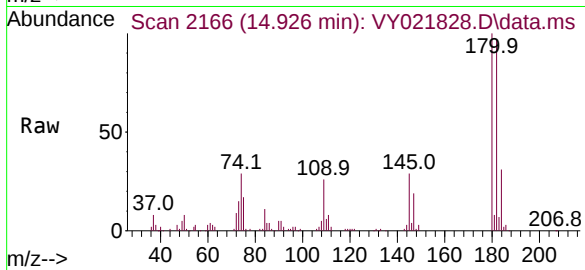
Tgt Ion:180 Resp: 47966

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 30.5 14.9 44.9



#94

Hexachlorobutadiene

Concen: 21.546 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

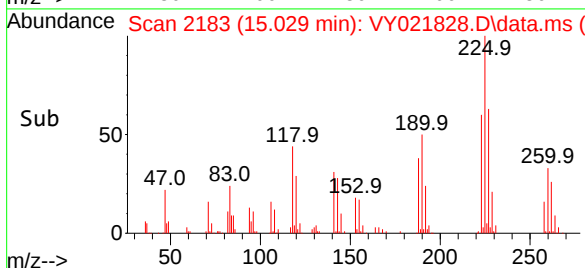
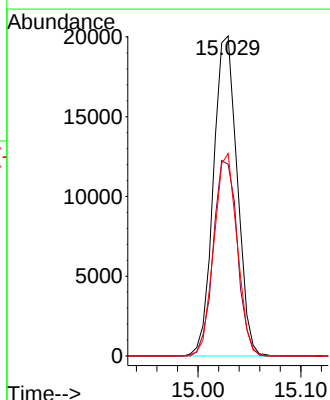
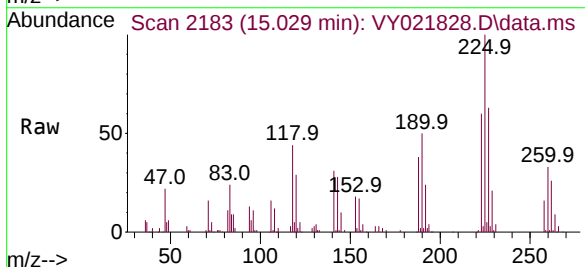
Tgt Ion:225 Resp: 32148

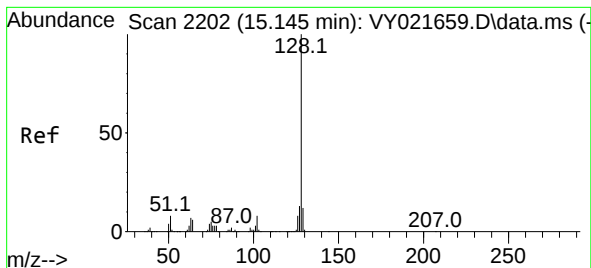
Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.7

227 61.8 32.4 97.0





#95

Naphthalene

Concen: 17.539 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0410SBS01

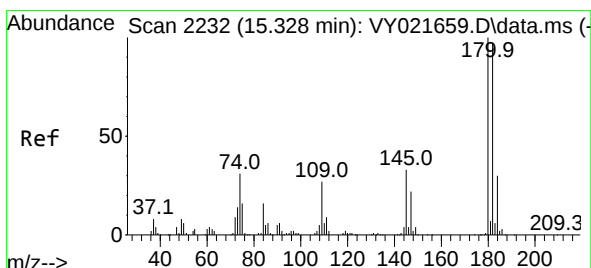
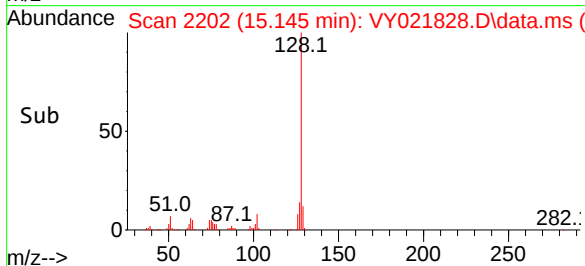
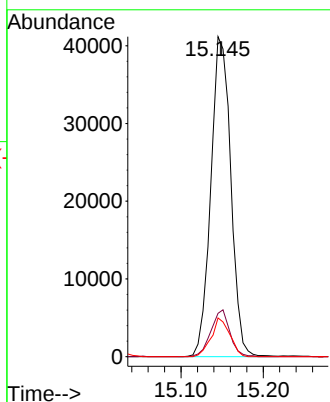
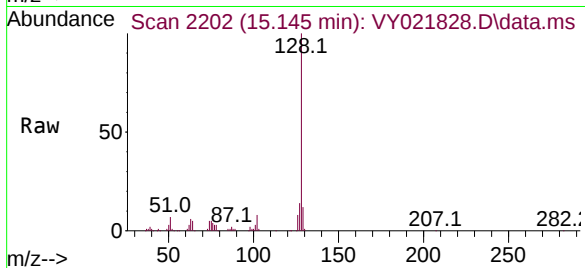
Tgt Ion:128 Resp: 69458

Ion Ratio Lower Upper

128 100

127 13.9 10.8 16.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.594 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021828.D

Acq: 10 Apr 2025 10:59

Tgt Ion:180 Resp: 39920

Ion Ratio Lower Upper

180 100

182 94.4 47.5 142.5

145 31.9 15.9 47.7

