

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021378.D
 Acq On : 28 Feb 2025 11:55
 Operator : SY/MD
 Sample : VY0228SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

Quant Time: Feb 28 22:19:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	161591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	254367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	224650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	113722	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	95354	52.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.040%	
35) Dibromofluoromethane	7.634	113	86320	51.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.520%	
50) Toluene-d8	10.103	98	326831	50.711	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	12.407	95	108877	50.196	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.400%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	28814	18.807	ug/l	90
3) Chloromethane	2.068	50	37302	18.853	ug/l	99
4) Vinyl Chloride	2.202	62	39389	20.282	ug/l	98
5) Bromomethane	2.592	94	28843	22.349	ug/l	96
6) Chloroethane	2.732	64	26266	21.810	ug/l	99
7) Trichlorofluoromethane	3.055	101	61463	20.956	ug/l	93
8) Diethyl Ether	3.452	74	18568	21.093	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	33556	19.761	ug/l	98
10) Methyl Iodide	4.007	142	38121	21.339	ug/l	98
11) Tert butyl alcohol	4.866	59	14285	101.312	ug/l	98
12) 1,1-Dichloroethene	3.781	96	31875	19.605	ug/l	90
13) Acrolein	3.647	56	18050	167.054	ug/l	92
14) Allyl chloride	4.385	41	51494	17.863	ug/l	96
15) Acrylonitrile	5.061	53	41428	106.442	ug/l	99
16) Acetone	3.872	43	33758	96.003	ug/l	98
17) Carbon Disulfide	4.104	76	100353	18.587	ug/l	99
18) Methyl Acetate	4.385	43	17360	20.201	ug/l	93
19) Methyl tert-butyl Ether	5.116	73	91578	21.318	ug/l	98
20) Methylene Chloride	4.616	84	39772	20.916	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	36167	20.206	ug/l	95
22) Diisopropyl ether	6.018	45	119710	20.068	ug/l	98
23) Vinyl Acetate	5.957	43	358199	100.486	ug/l	99
24) 1,1-Dichloroethane	5.915	63	67848	20.180	ug/l	99
25) 2-Butanone	6.896	43	53048	99.959	ug/l	91
26) 2,2-Dichloropropane	6.884	77	59082	19.366	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	42835	20.957	ug/l	95
28) Bromochloromethane	7.244	49	28964	19.469	ug/l	95
29) Tetrahydrofuran	7.262	42	36075	103.996	ug/l	99
30) Chloroform	7.421	83	72949	21.413	ug/l	97
31) Cyclohexane	7.701	56	56798	17.574	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	63032	20.327	ug/l	99
36) 1,1-Dichloropropene	7.835	75	48989	19.556	ug/l	99
37) Ethyl Acetate	6.982	43	27404	21.993	ug/l	98
38) Carbon Tetrachloride	7.817	117	57088	20.271	ug/l	99
39) Methylcyclohexane	9.109	83	57350	18.101	ug/l	98
40) Benzene	8.079	78	152112	20.542	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021378.D
 Acq On : 28 Feb 2025 11:55
 Operator : SY/MD
 Sample : VY0228SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

Quant Time: Feb 28 22:19:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	12479	17.912	ug/l	88
42) 1,2-Dichloroethane	8.158	62	46077	21.932	ug/l	100
43) Isopropyl Acetate	8.195	43	50020	20.739	ug/l	99
44) Trichloroethene	8.865	130	39180	21.133	ug/l	93
45) 1,2-Dichloropropane	9.140	63	35758	20.066	ug/l	99
46) Dibromomethane	9.231	93	21587	22.161	ug/l	98
47) Bromodichloromethane	9.420	83	55141	21.230	ug/l	99
48) Methyl methacrylate	9.219	41	22796	20.212	ug/l	95
49) 1,4-Dioxane	9.225	88	4654	429.690	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	130772	105.922	ug/l	99
52) Toluene	10.170	92	94620	20.569	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	49286	20.712	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	56761	20.205	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	28322	22.319	ug/l	98
56) Ethyl methacrylate	10.438	69	36060	20.566	ug/l	99
57) 1,3-Dichloropropane	10.719	76	48198	21.645	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	80853	96.070	ug/l	96
59) 2-Hexanone	10.761	43	86097	106.184	ug/l	100
60) Dibromochloromethane	10.908	129	37994	21.984	ug/l	99
61) 1,2-Dibromoethane	11.017	107	25584	21.296	ug/l	94
64) Tetrachloroethene	10.646	164	35766	21.064	ug/l	98
65) Chlorobenzene	11.444	112	104917	20.805	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	37477	21.224	ug/l	99
67) Ethyl Benzene	11.517	91	180004	20.152	ug/l	100
68) m/p-Xylenes	11.627	106	138760	41.301	ug/l	97
69) o-Xylene	11.956	106	64226	20.406	ug/l	99
70) Styrene	11.969	104	108635	20.745	ug/l	99
71) Bromoform	12.133	173	22766	22.537	ug/l #	99
73) Isopropylbenzene	12.255	105	168596	19.720	ug/l	100
74) N-amyl acetate	12.072	43	42086	19.367	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	31724	21.025	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	41343	36.320	ug/l #	100
77) Bromobenzene	12.535	156	41959	21.100	ug/l	96
78) n-propylbenzene	12.596	91	204845	19.745	ug/l	99
79) 2-Chlorotoluene	12.682	91	119420	20.057	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	142974	20.390	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	9992	19.510	ug/l	97
82) 4-Chlorotoluene	12.779	91	122762	19.890	ug/l	98
83) tert-Butylbenzene	12.999	119	126402	19.956	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	141872	20.343	ug/l	99
85) sec-Butylbenzene	13.176	105	183161	19.797	ug/l	98
86) p-Isopropyltoluene	13.291	119	155959	20.188	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	82109	20.873	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	82645	21.267	ug/l	99
89) n-Butylbenzene	13.621	91	140075	19.267	ug/l	100
90) Hexachloroethane	13.883	117	31602	19.583	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	73160	21.228	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5075	21.262	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	42809	20.352	ug/l	99
94) Hexachlorobutadiene	15.023	225	26844	20.271	ug/l	99
95) Naphthalene	15.145	128	69596	19.975	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	37265	20.968	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021378.D
Acq On : 28 Feb 2025 11:55
Operator : SY/MD
Sample : VY0228SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

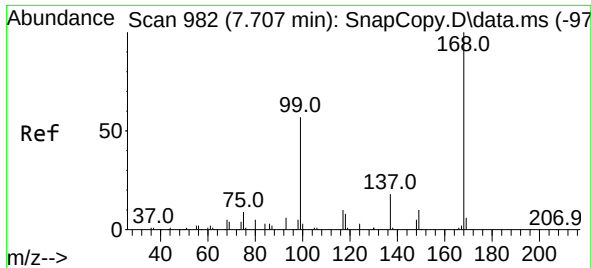
Quant Time: Feb 28 22:19:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Feb 28 22:19:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

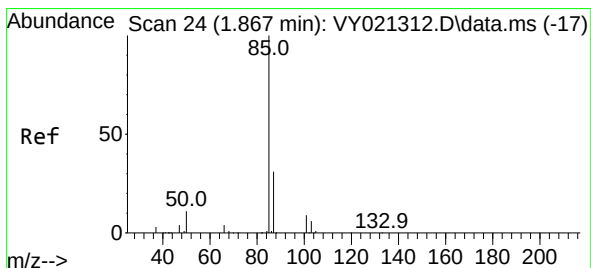
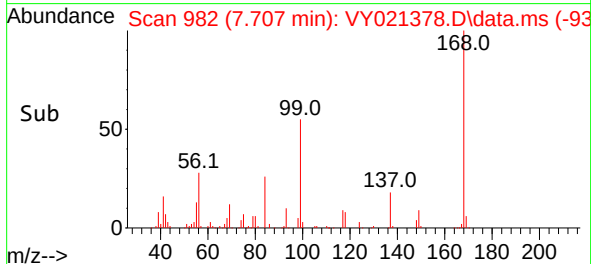
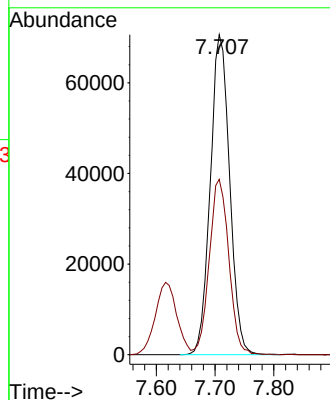
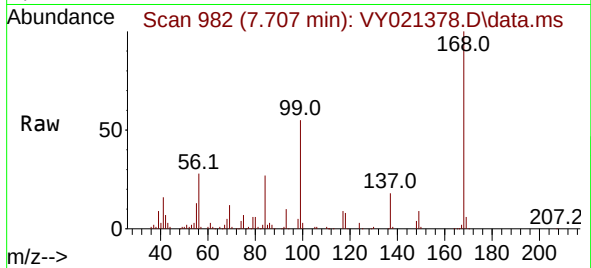




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

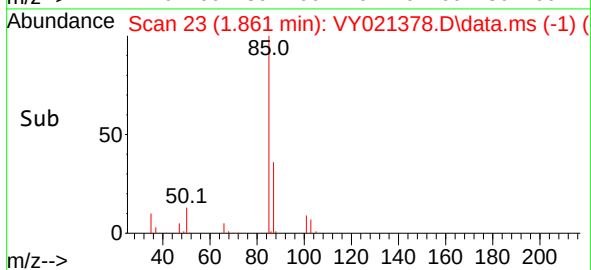
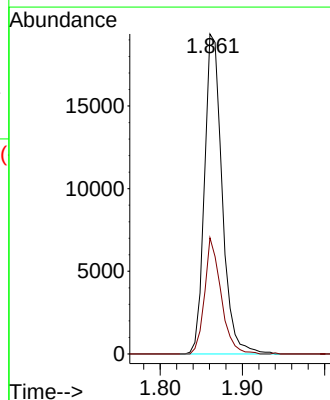
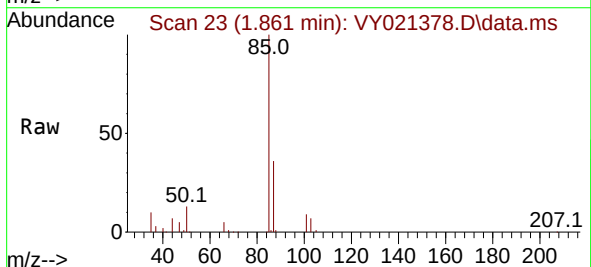
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

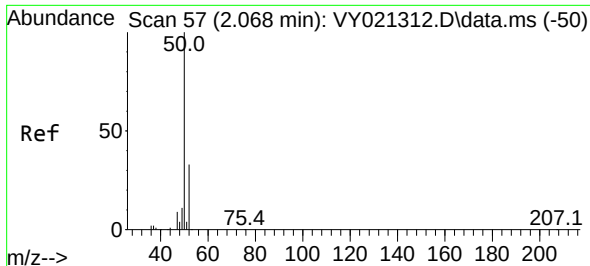
Tgt Ion:168 Resp: 161591
Ion Ratio Lower Upper
168 100
99 54.8 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 18.807 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 85 Resp: 28814
Ion Ratio Lower Upper
85 100
87 36.3 15.4 46.4

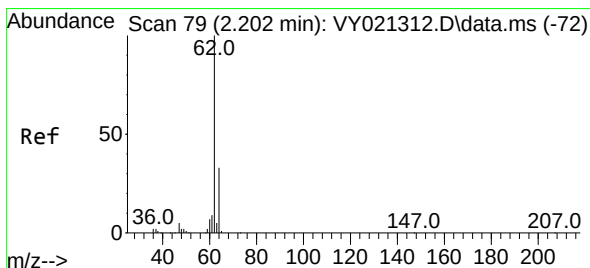
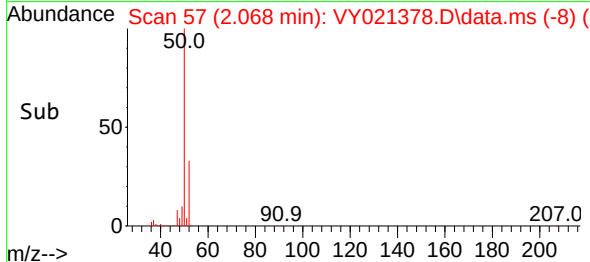
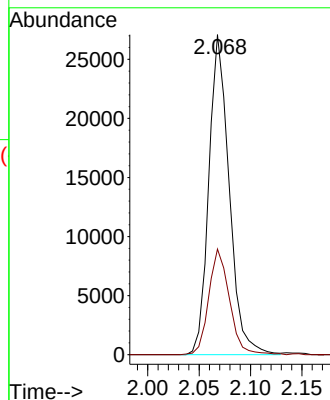
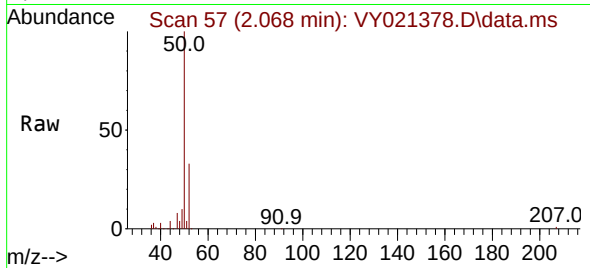




#3
Chloromethane
Concen: 18.853 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

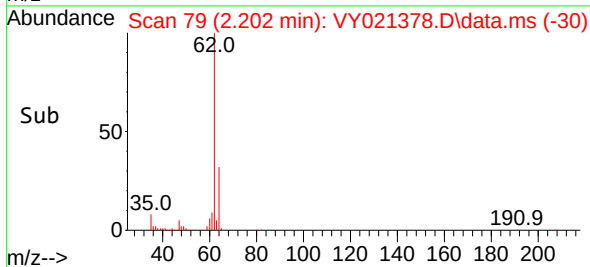
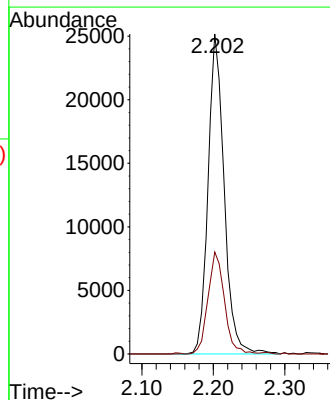
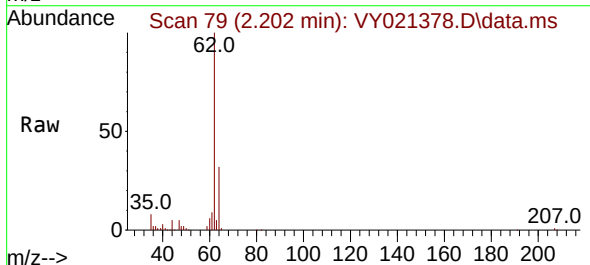
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

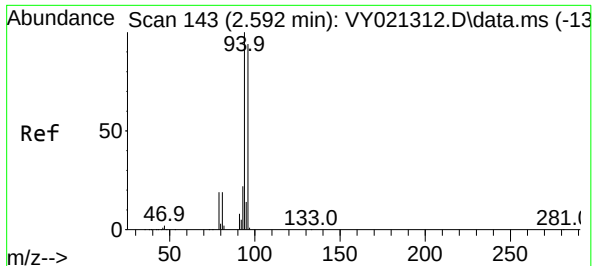
Tgt Ion: 50 Resp: 37302
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 20.282 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 62 Resp: 39389
Ion Ratio Lower Upper
62 100
64 31.9 26.3 39.5

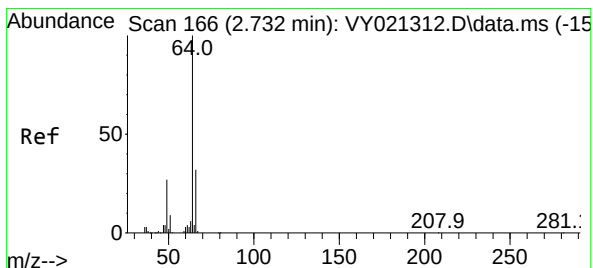
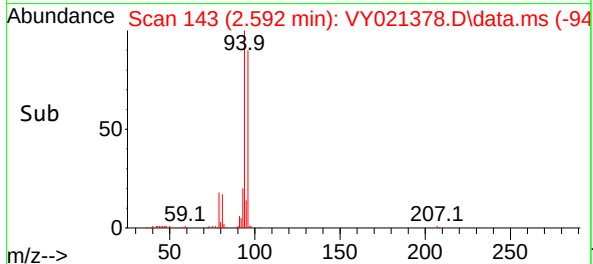
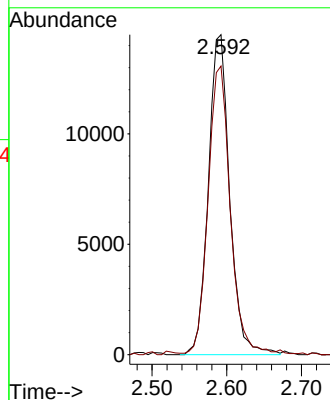
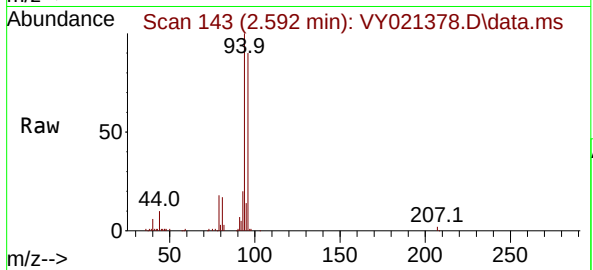




#5
Bromomethane
Concen: 22.349 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

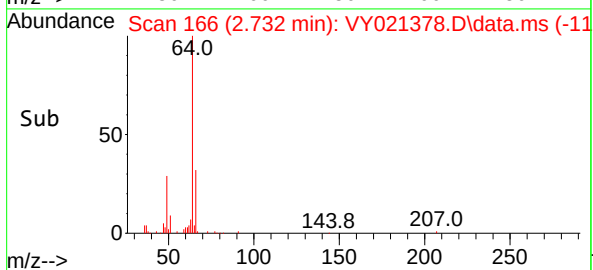
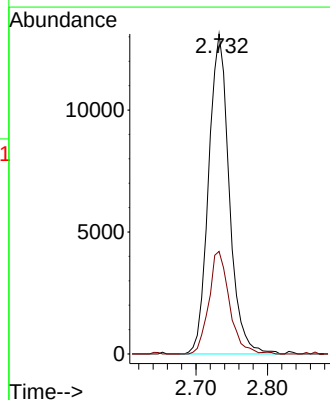
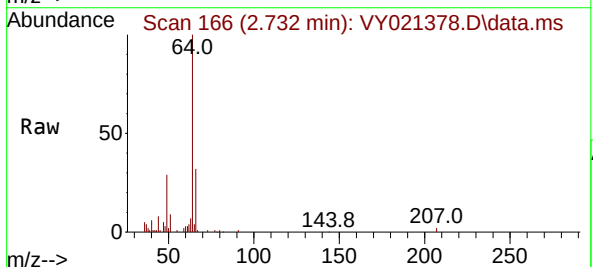
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

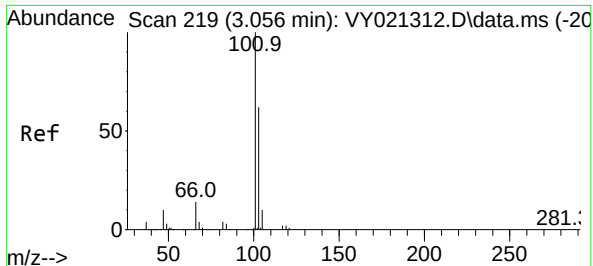
Tgt Ion: 94 Resp: 28843
Ion Ratio Lower Upper
94 100
96 89.8 75.2 112.8



#6
Chloroethane
Concen: 21.810 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 64 Resp: 26266
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.0

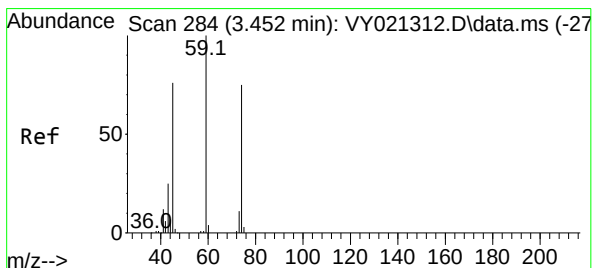
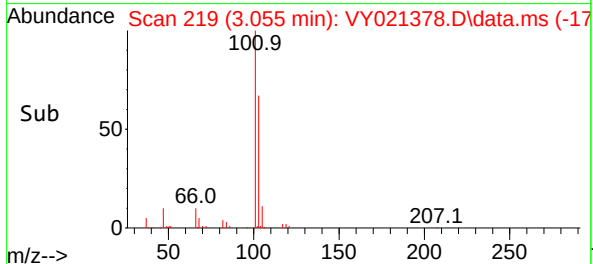
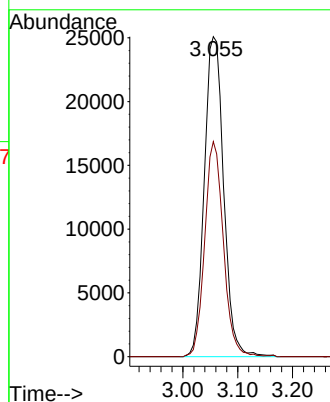
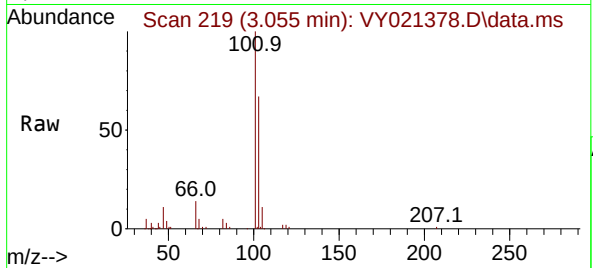




#7
Trichlorofluoromethane
Concen: 20.956 ug/l
RT: 3.055 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

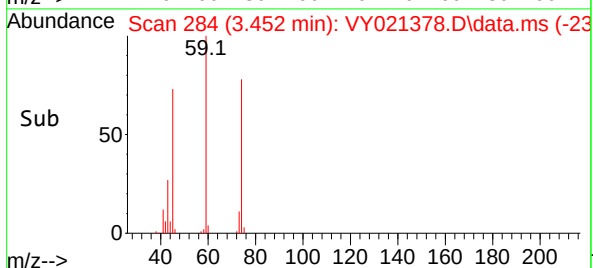
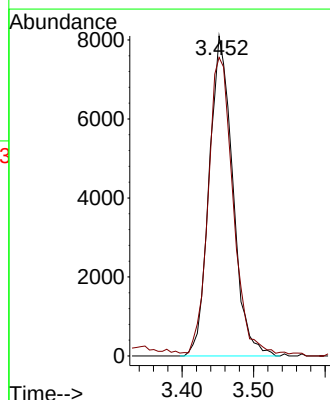
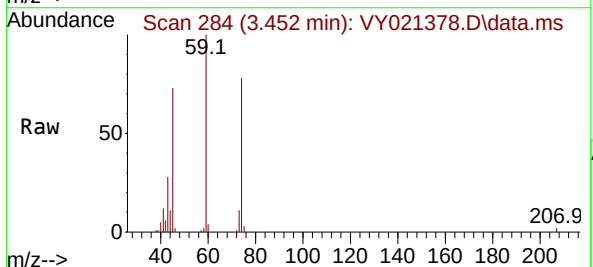
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

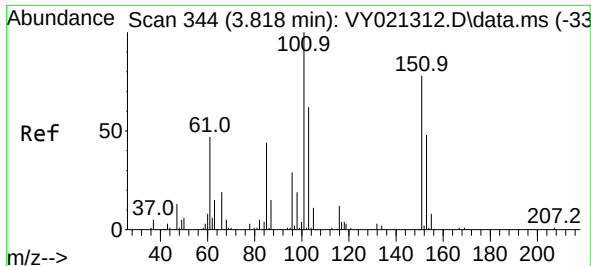
Tgt Ion:101 Resp: 61463
Ion Ratio Lower Upper
101 100
103 67.2 49.7 74.5



#8
Diethyl Ether
Concen: 21.093 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 74 Resp: 18568
Ion Ratio Lower Upper
74 100
45 97.9 50.3 150.9

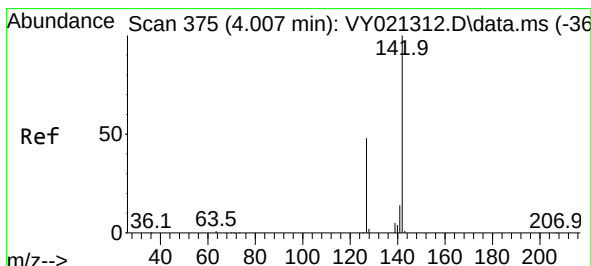
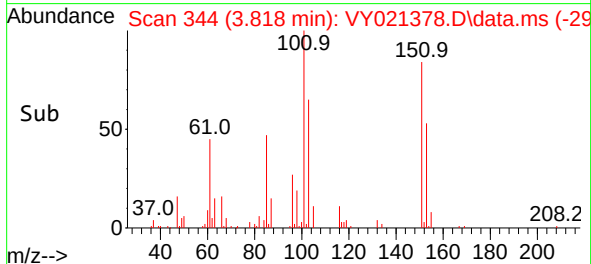
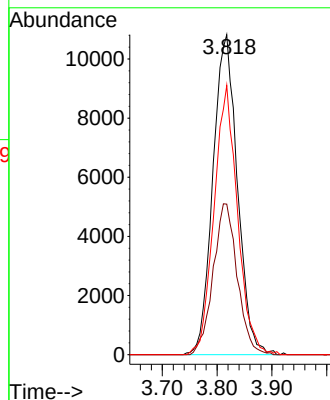
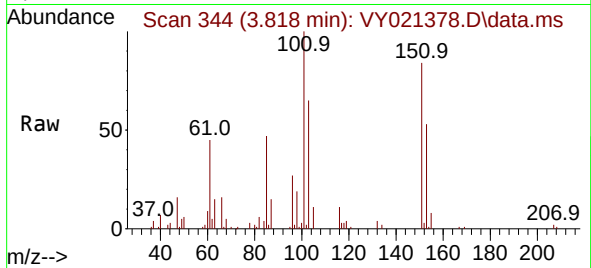




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.761 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

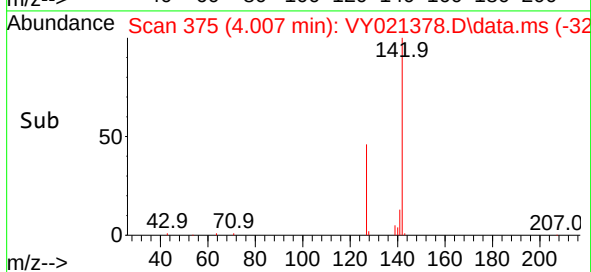
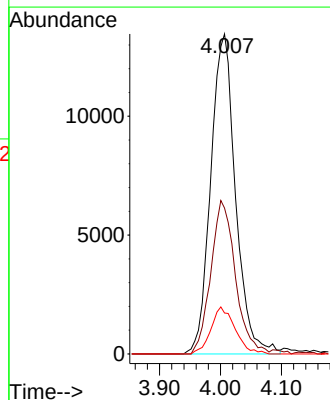
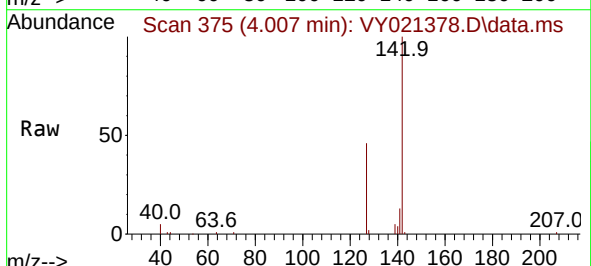
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

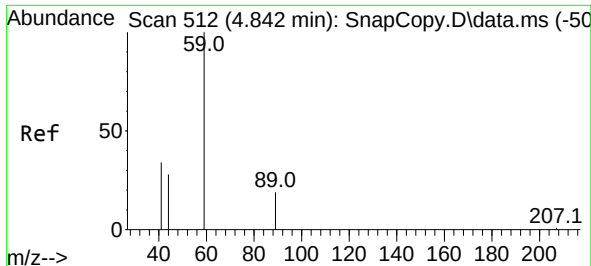
Tgt Ion:101 Resp: 33556
Ion Ratio Lower Upper
101 100
85 46.5 36.7 55.1
151 80.7 62.6 94.0



#10
Methyl Iodide
Concen: 21.339 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion:142 Resp: 38121
Ion Ratio Lower Upper
142 100
127 47.4 39.2 58.8
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 101.312 ug/l

RT: 4.866 min Scan# 512

Delta R.T. 0.012 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

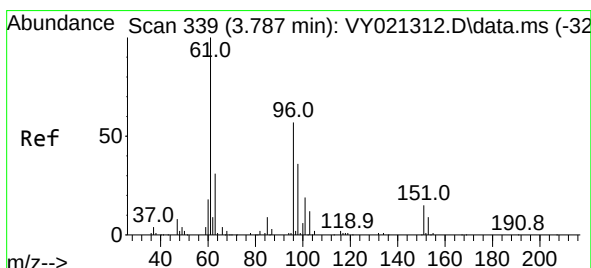
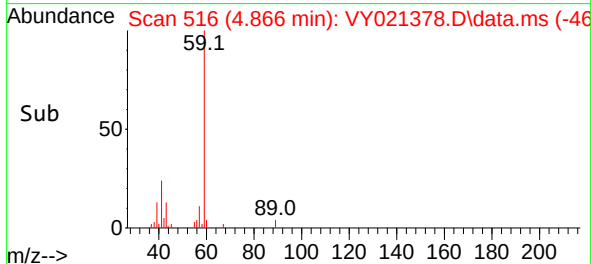
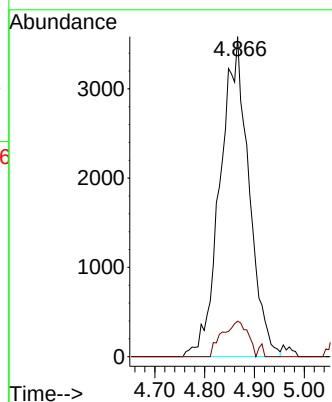
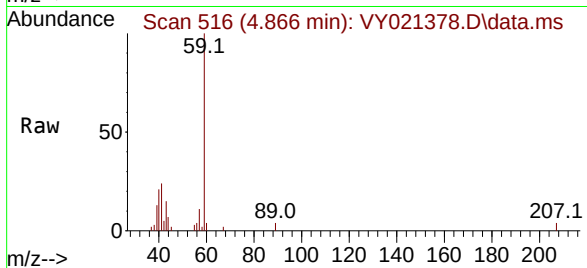
VY0228SBS01

Tgt Ion: 59 Resp: 14285

Ion Ratio Lower Upper

59 100

57 9.8 8.3 12.5



#12

1,1-Dichloroethene

Concen: 19.605 ug/l

RT: 3.781 min Scan# 338

Delta R.T. -0.006 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

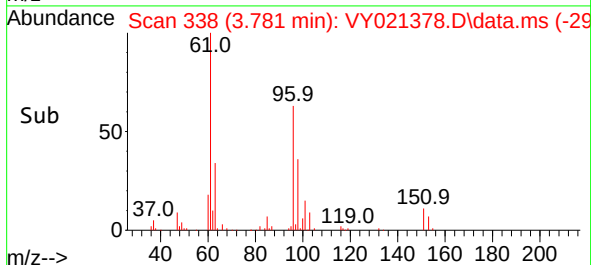
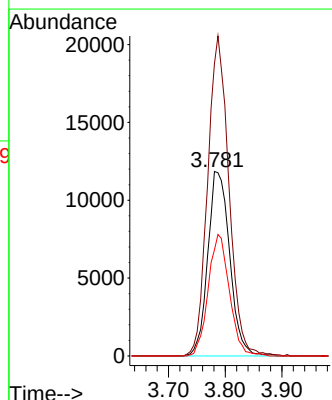
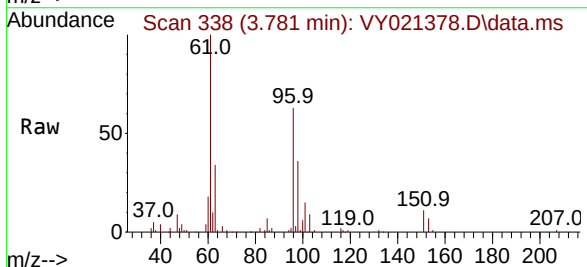
Tgt Ion: 96 Resp: 31875

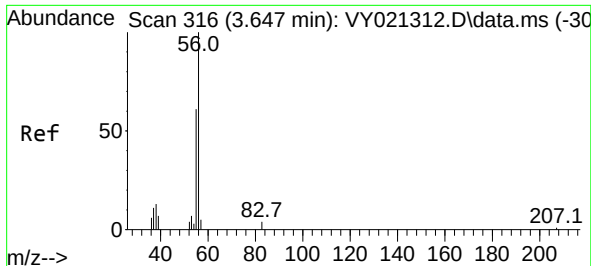
Ion Ratio Lower Upper

96 100

61 158.3 139.7 209.5

98 57.5 49.7 74.5

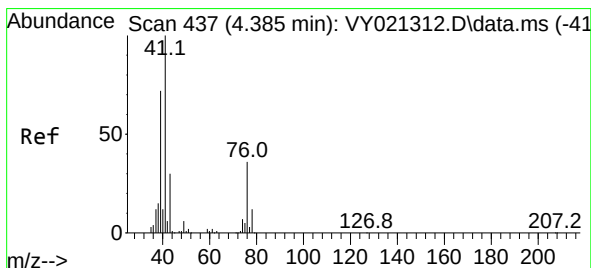
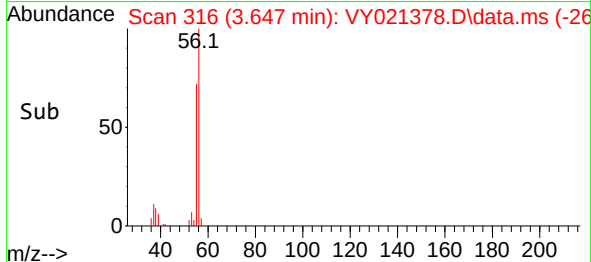
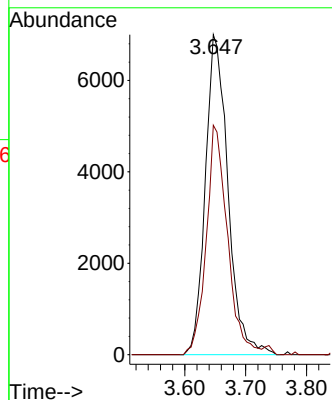
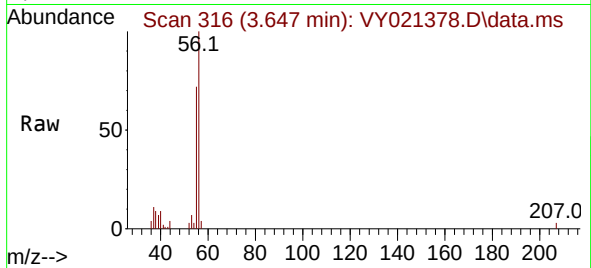




#13
Acrolein
Concen: 167.054 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

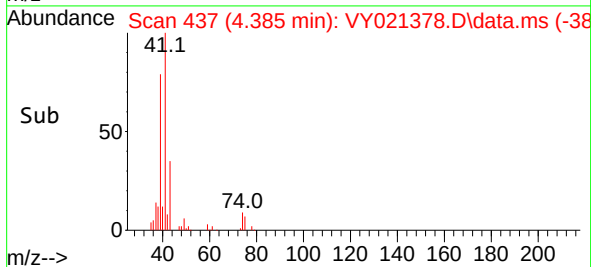
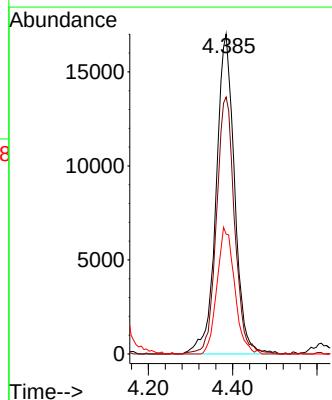
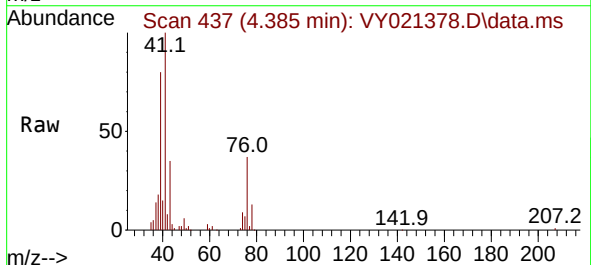
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

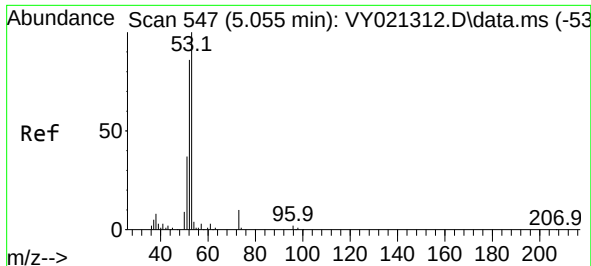
Tgt Ion: 56 Resp: 18050
Ion Ratio Lower Upper
56 100
55 67.2 59.0 88.6



#14
Allyl chloride
Concen: 17.863 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 41 Resp: 51494
Ion Ratio Lower Upper
41 100
39 79.1 60.0 90.0
76 37.9 29.0 43.6

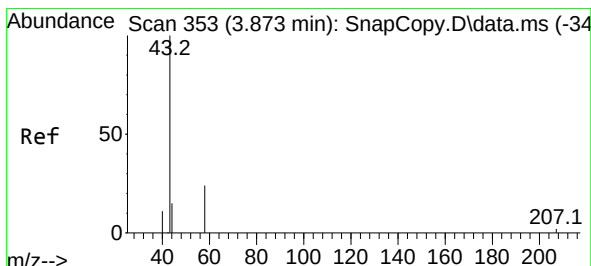
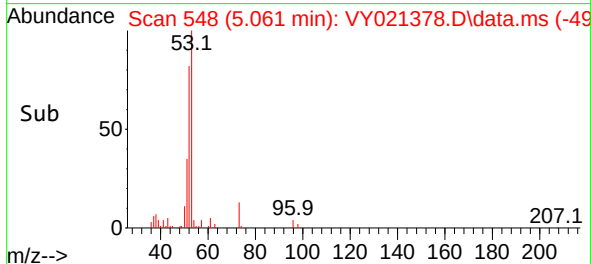
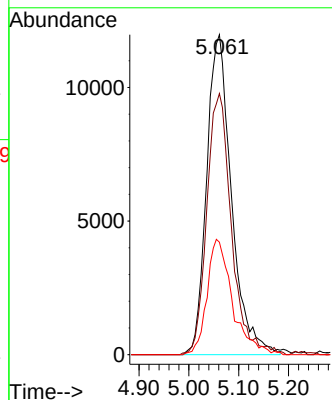
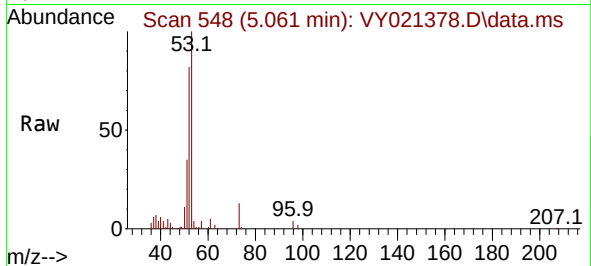




#15
Acrylonitrile
Concen: 106.442 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

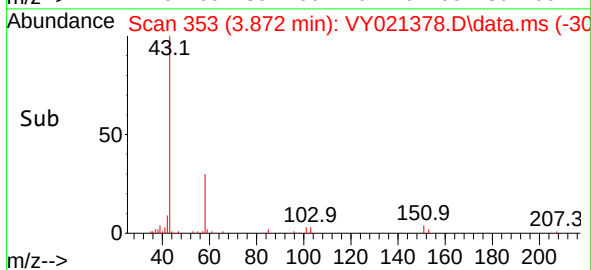
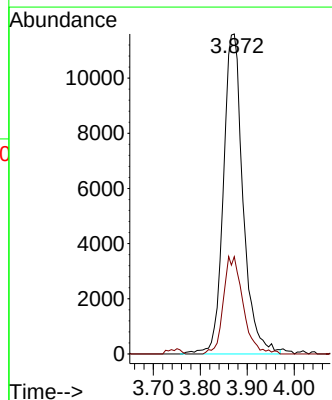
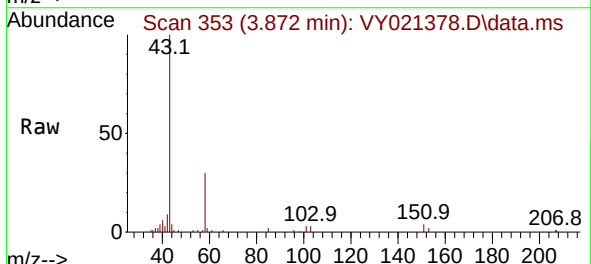
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

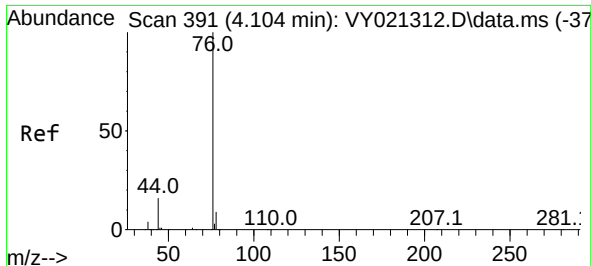
Tgt Ion: 53 Resp: 41428
Ion Ratio Lower Upper
53 100
52 80.9 65.5 98.3
51 37.0 30.6 46.0



#16
Acetone
Concen: 96.003 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 43 Resp: 33758
Ion Ratio Lower Upper
43 100
58 30.4 23.5 35.3

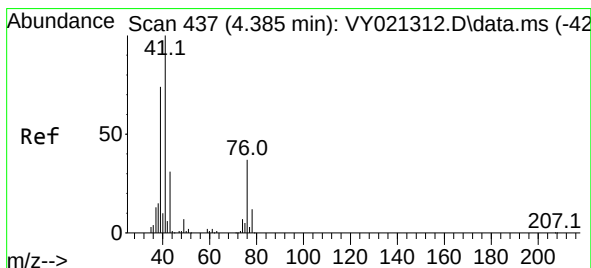
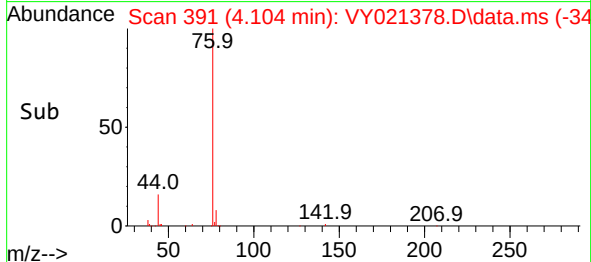
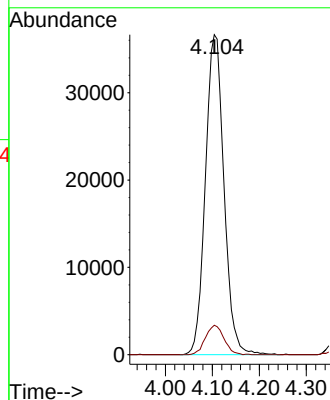
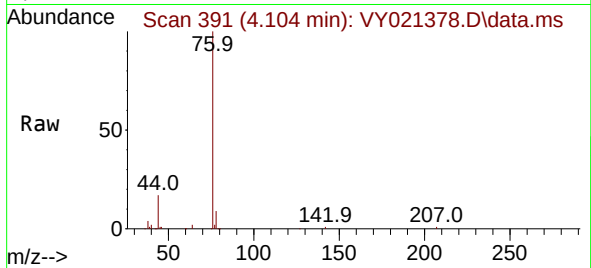




#17
Carbon Disulfide
Concen: 18.587 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

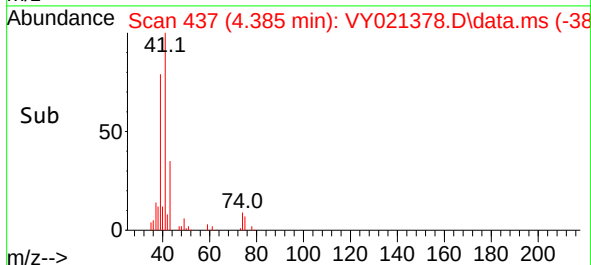
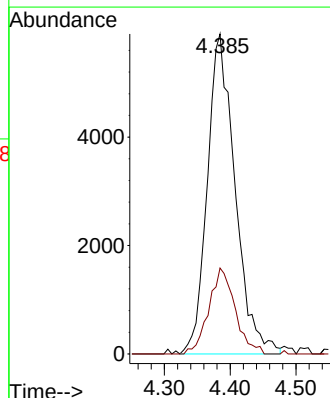
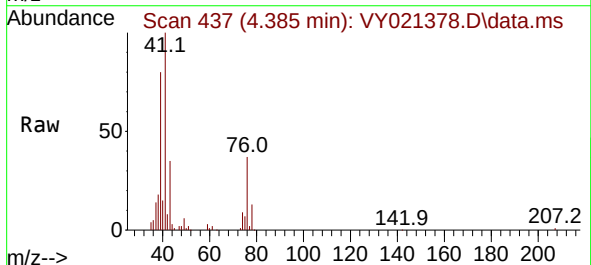
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

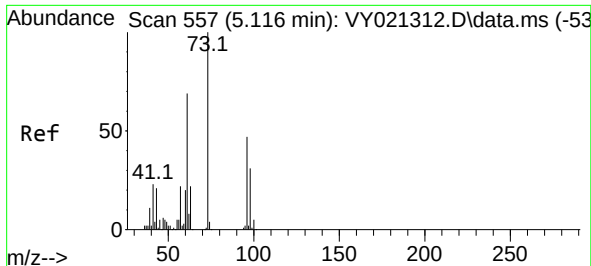
Tgt Ion: 76 Resp: 100353
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 20.201 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 43 Resp: 17360
Ion Ratio Lower Upper
43 100
74 25.3 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 21.318 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

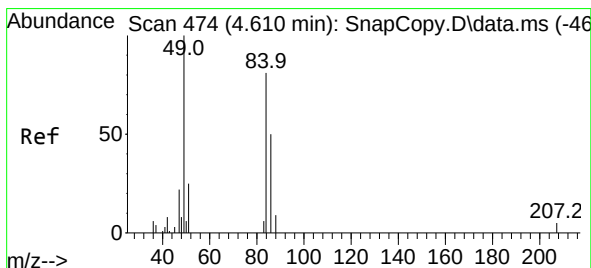
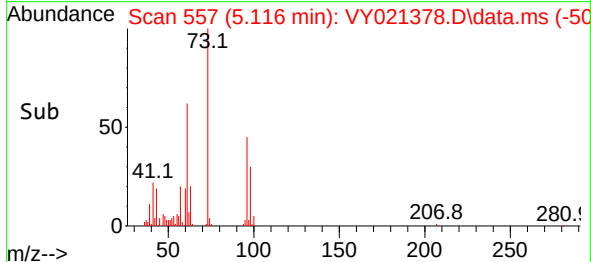
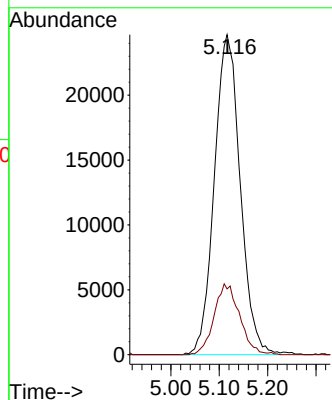
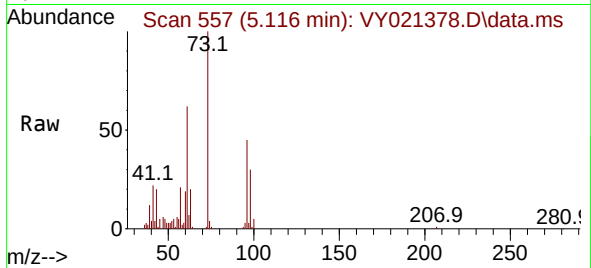
VY0228SBS01

Tgt Ion: 73 Resp: 91578

Ion Ratio Lower Upper

73 100

57 20.5 17.4 26.0



#20

Methylene Chloride

Concen: 20.916 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Tgt Ion: 84 Resp: 39772

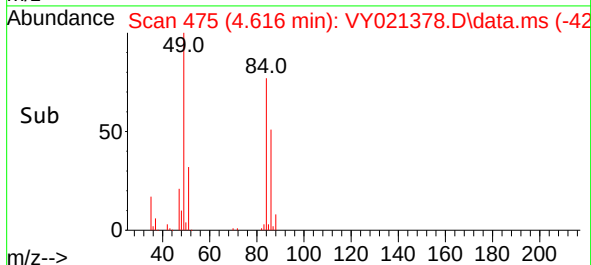
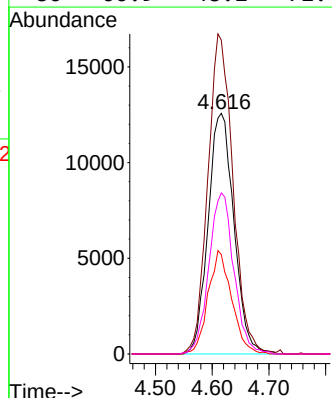
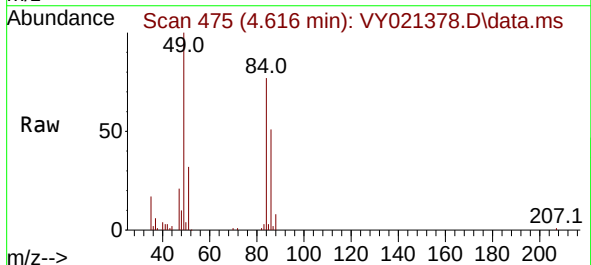
Ion Ratio Lower Upper

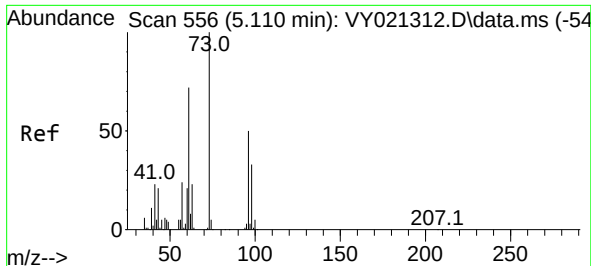
84 100

49 130.4 105.1 157.7

51 41.3 31.0 46.4

86 66.9 48.2 72.4

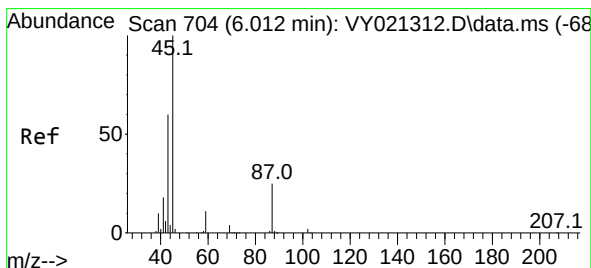
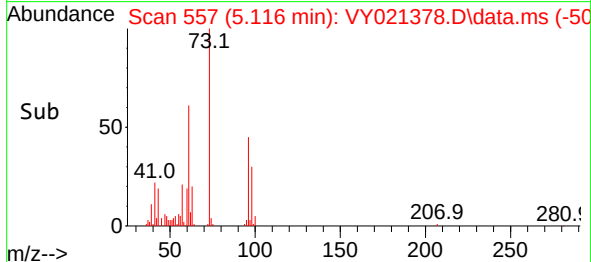
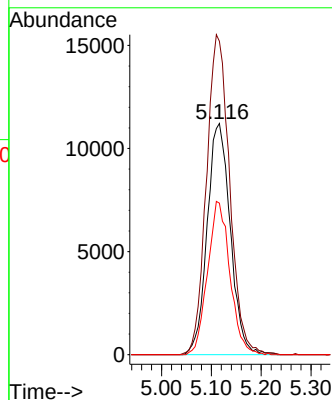
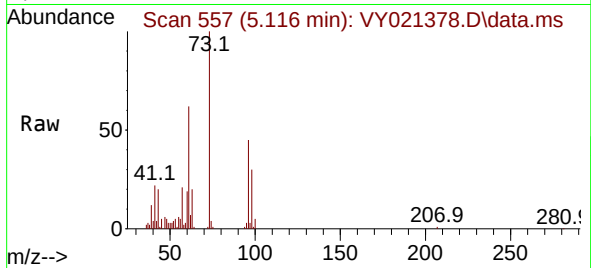




#21
trans-1,2-Dichloroethene
Concen: 20.206 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

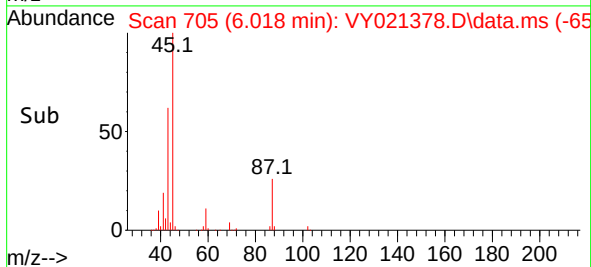
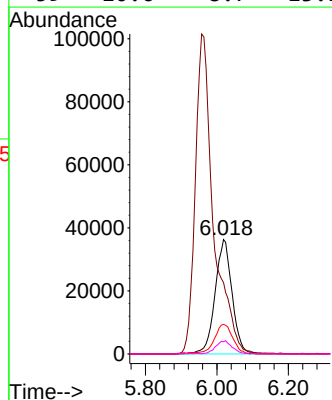
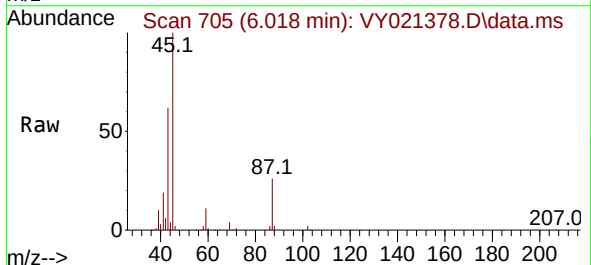
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

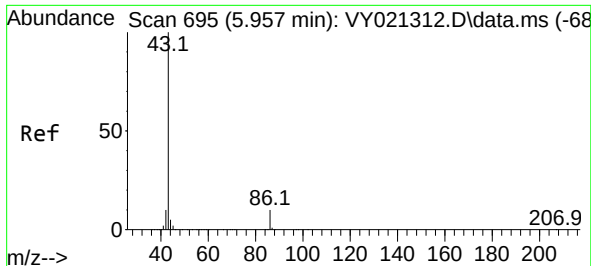
Tgt Ion: 96 Resp: 36167
Ion Ratio Lower Upper
96 100
61 135.6 116.3 174.5
98 65.5 52.6 78.8



#22
Diisopropyl ether
Concen: 20.068 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 45 Resp: 119710
Ion Ratio Lower Upper
45 100
43 61.8 48.2 72.4
87 25.9 20.3 30.5
59 10.6 8.7 13.1

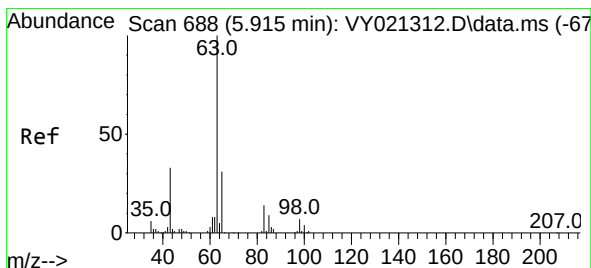
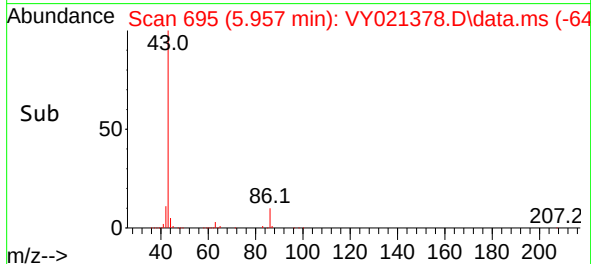
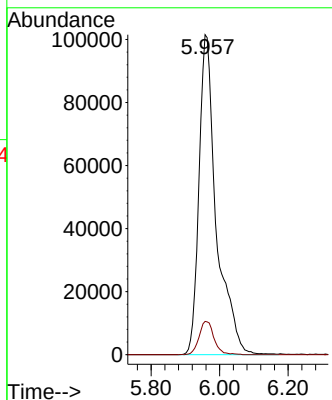
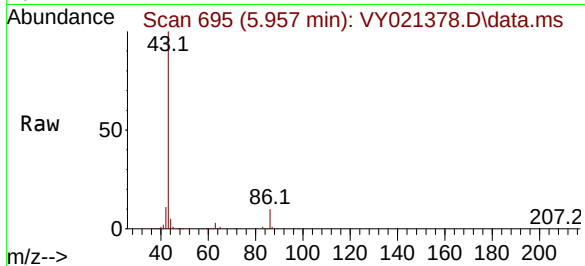




#23
 Vinyl Acetate
 Concen: 100.486 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY021378.D
 Acq: 28 Feb 2025 11:55

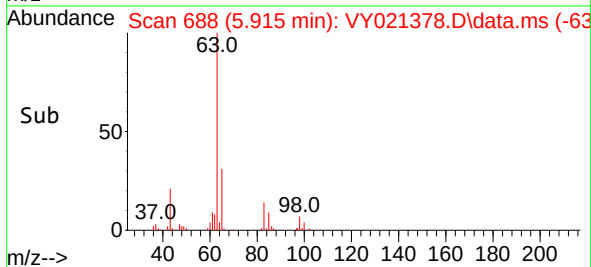
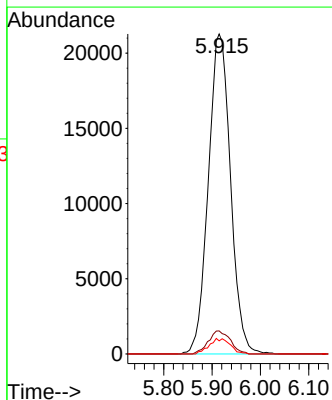
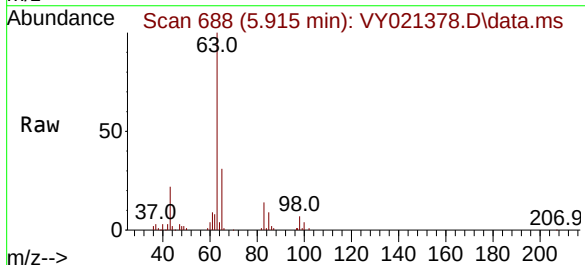
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBSD01

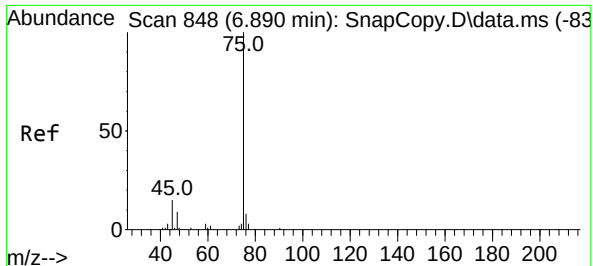
Tgt Ion: 43 Resp: 358199
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.180 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021378.D
 Acq: 28 Feb 2025 11:55

Tgt Ion: 63 Resp: 67848
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 99.959 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

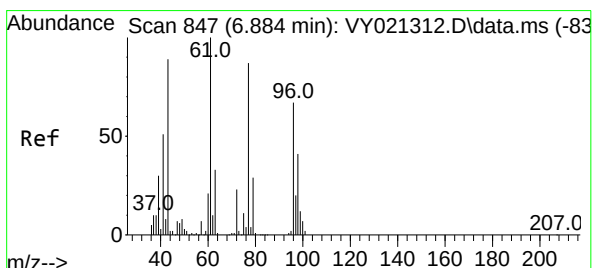
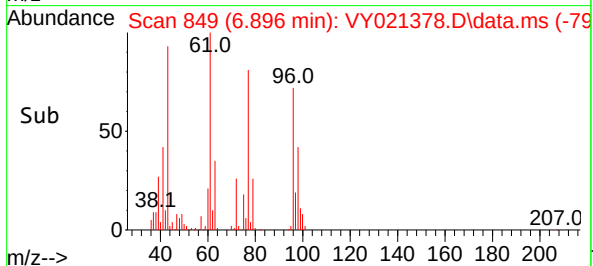
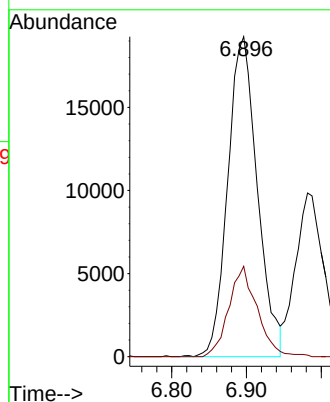
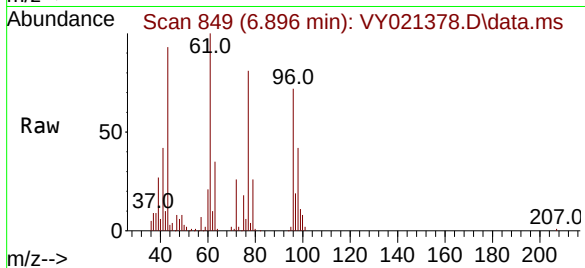
VY0228SBSD01

Tgt Ion: 43 Resp: 53048

Ion Ratio Lower Upper

43 100

72 28.2 19.0 28.6



#26

2,2-Dichloropropane

Concen: 19.366 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY021378.D

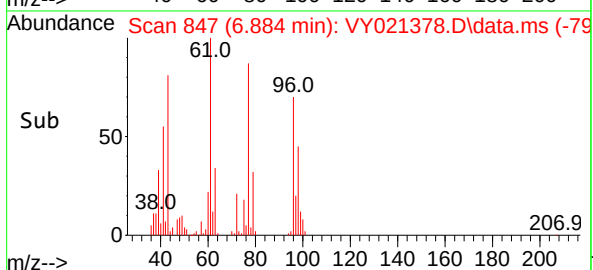
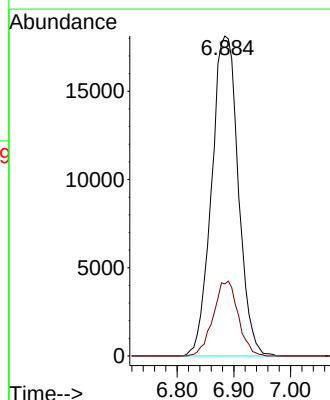
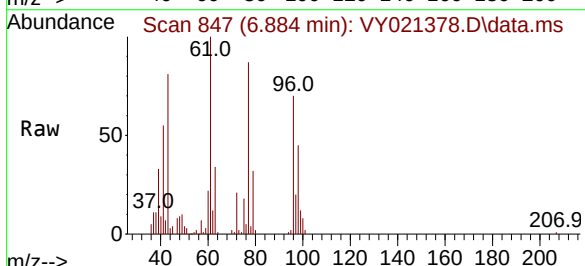
Acq: 28 Feb 2025 11:55

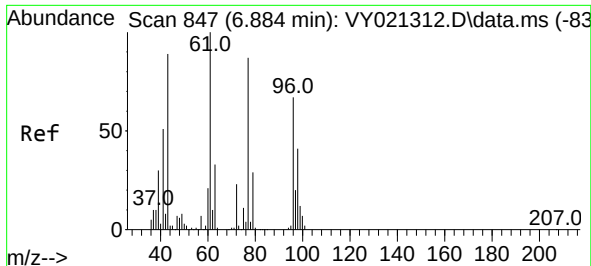
Tgt Ion: 77 Resp: 59082

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.7

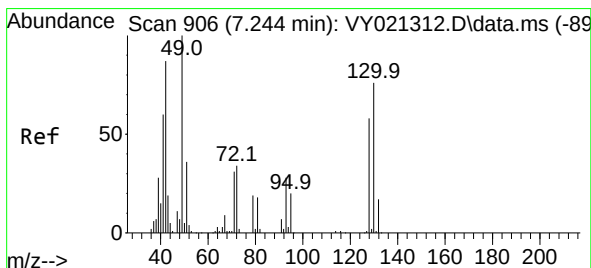
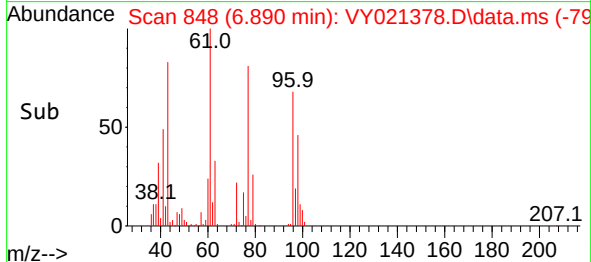
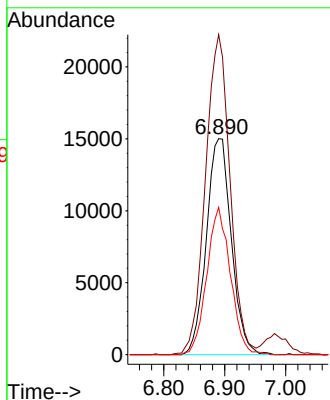
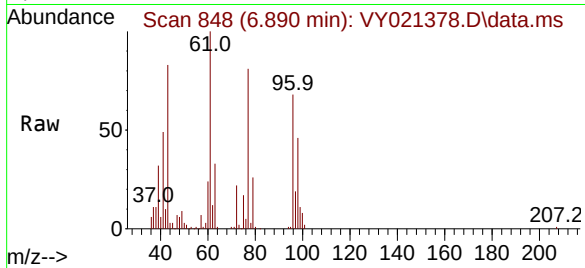




#27
 cis-1,2-Dichloroethene
 Concen: 20.957 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY021378.D
 Acq: 28 Feb 2025 11:55

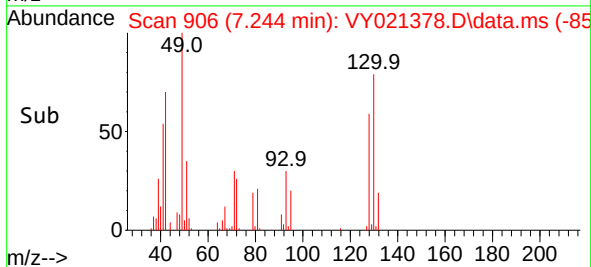
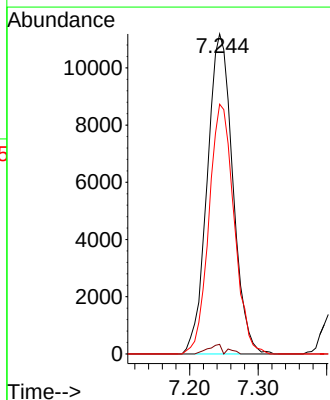
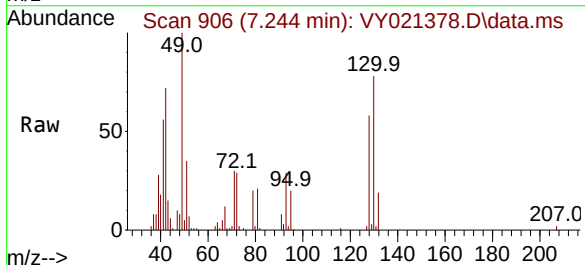
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

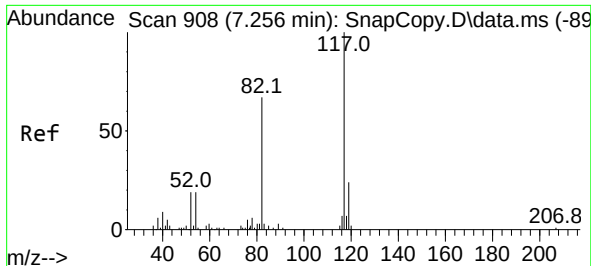
Tgt Ion: 96 Resp: 42835
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 308.0
 98 64.3 0.0 129.6



#28
 Bromochloromethane
 Concen: 19.469 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY021378.D
 Acq: 28 Feb 2025 11:55

Tgt Ion: 49 Resp: 28964
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 76.8 57.8 86.6





#29

Tetrahydrofuran

Concen: 103.996 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

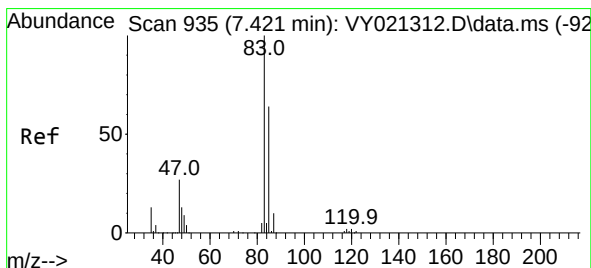
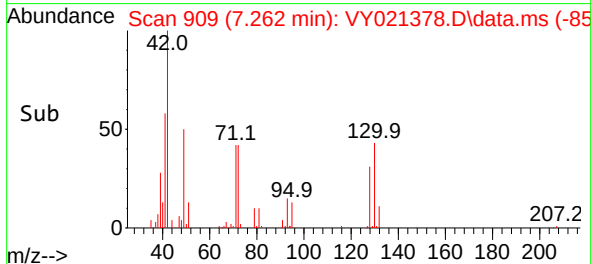
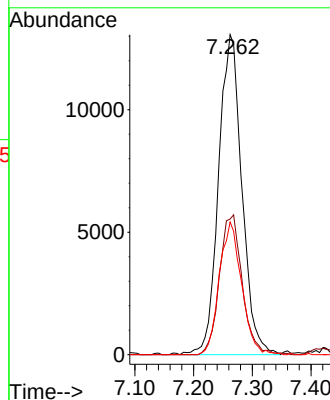
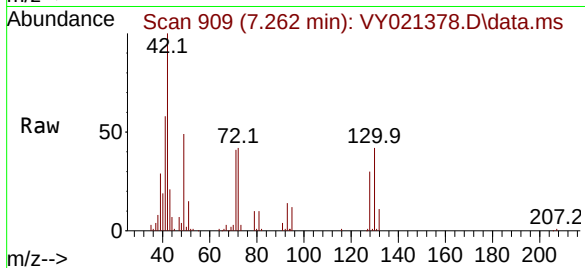
Tgt Ion: 42 Resp: 36075

Ion Ratio Lower Upper

42 100

72 42.7 33.1 49.7

71 39.7 31.4 47.0



#30

Chloroform

Concen: 21.413 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY021378.D

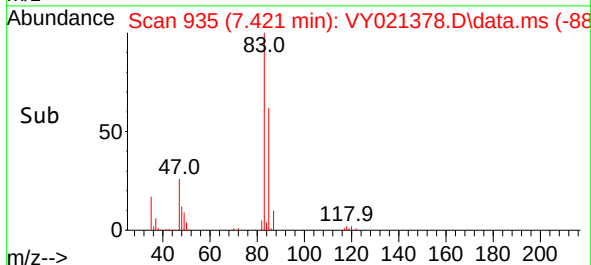
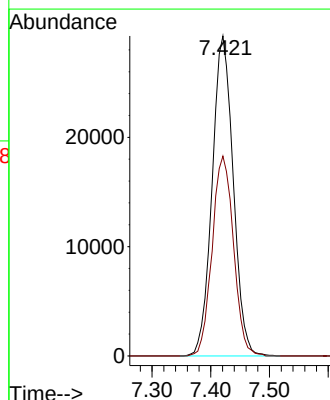
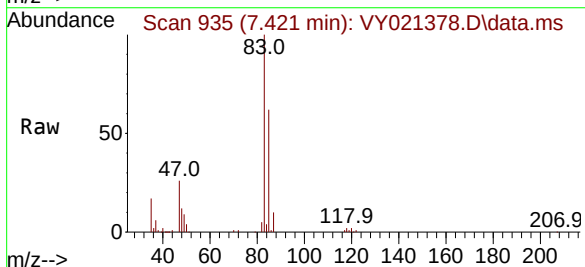
Acq: 28 Feb 2025 11:55

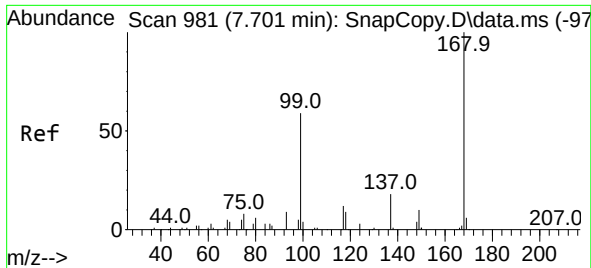
Tgt Ion: 83 Resp: 72949

Ion Ratio Lower Upper

83 100

85 62.5 51.6 77.4

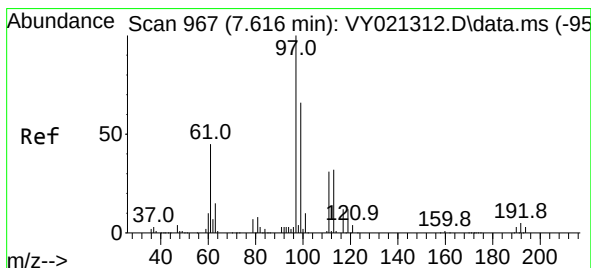
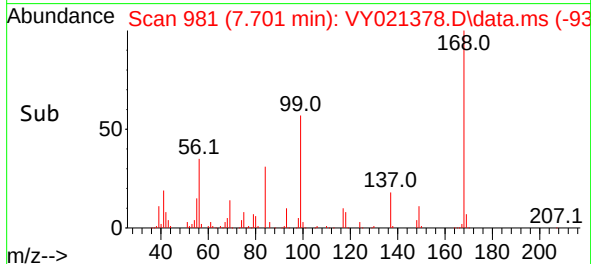
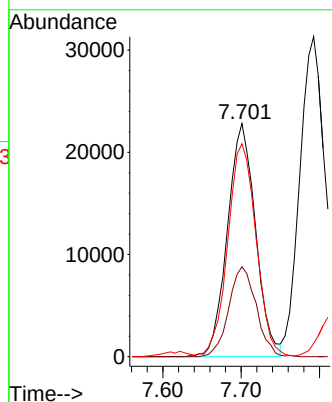
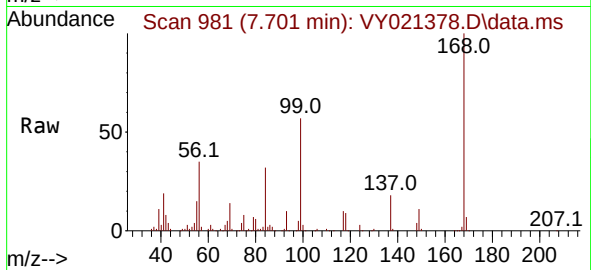




#31
Cyclohexane
Concen: 17.574 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

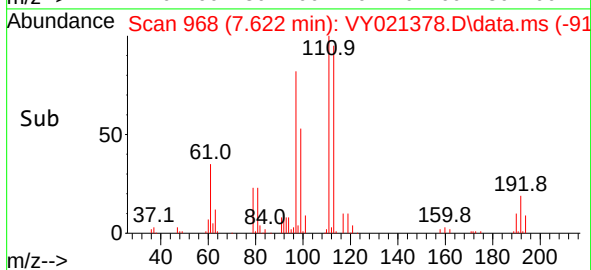
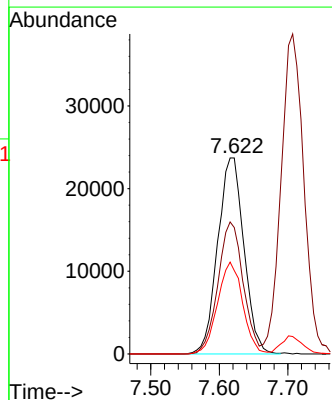
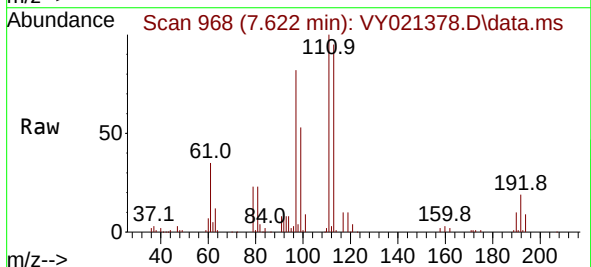
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

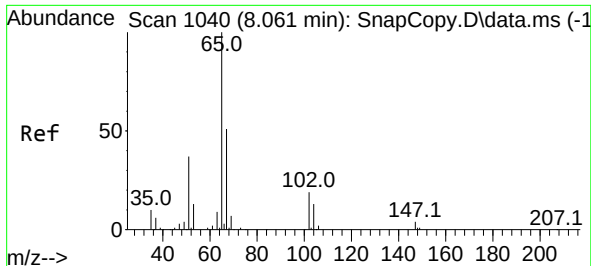
Tgt Ion: 56 Resp: 56798
Ion Ratio Lower Upper
56 100
69 38.6 26.2 39.4
84 89.0 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 20.327 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 97 Resp: 63032
Ion Ratio Lower Upper
97 100
99 64.5 52.4 78.6
61 44.9 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 52.018 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

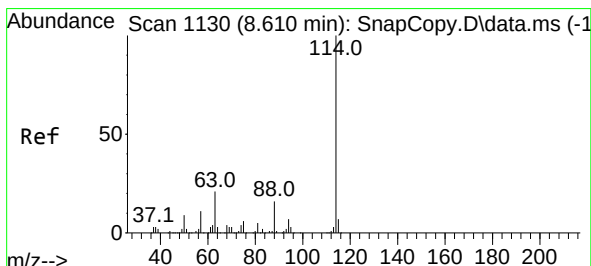
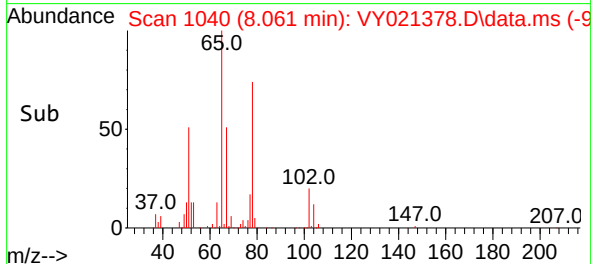
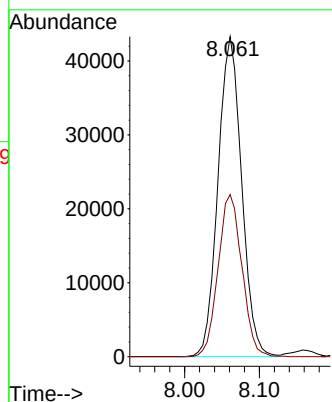
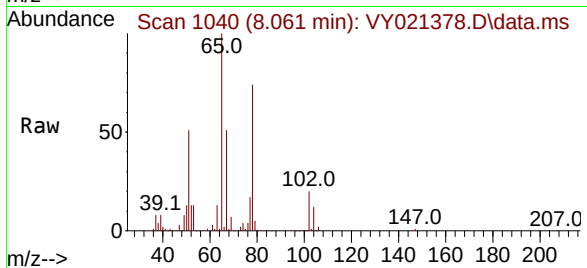
VY0228SBS01

Tgt Ion: 65 Resp: 95354

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

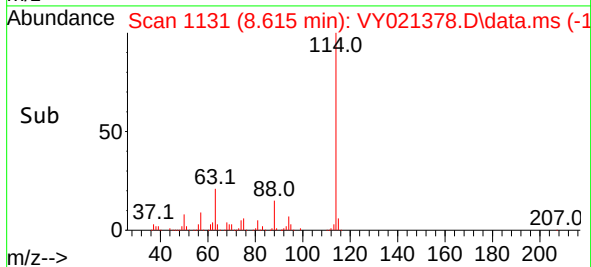
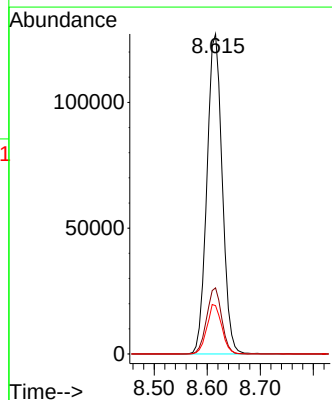
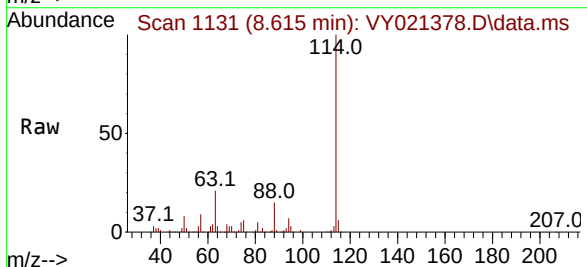
Tgt Ion:114 Resp: 254367

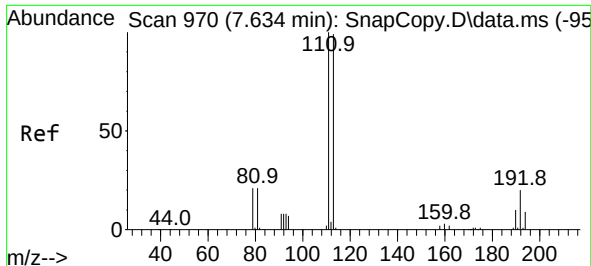
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 15.1 0.0 29.8

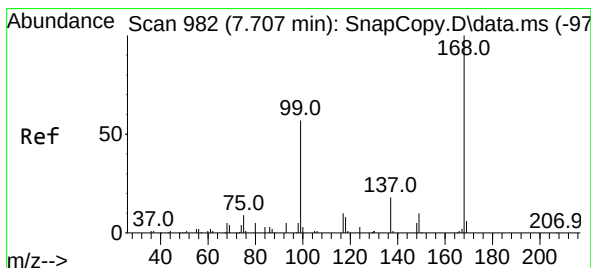
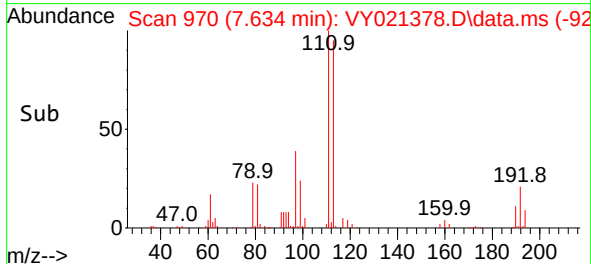
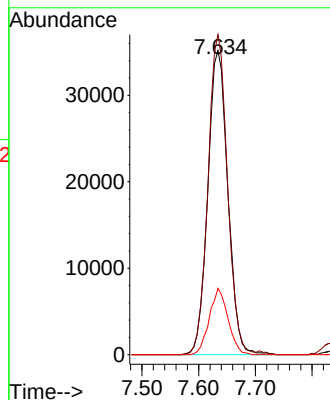
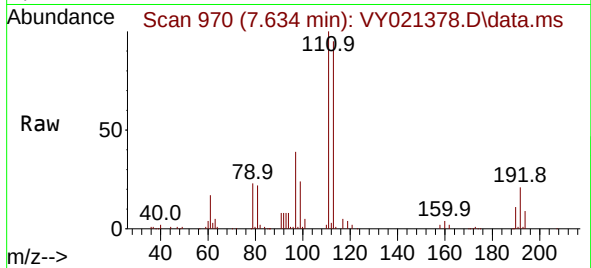




#35
Dibromofluoromethane
Concen: 51.761 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

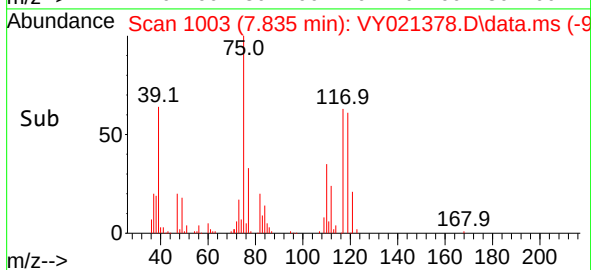
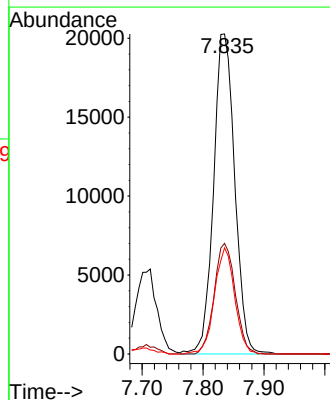
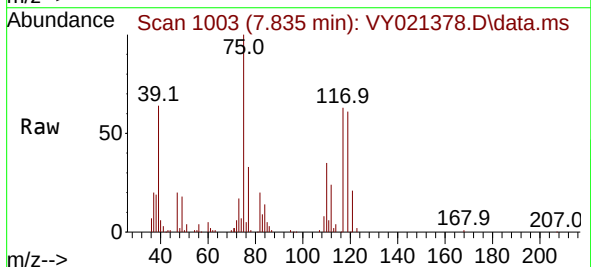
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

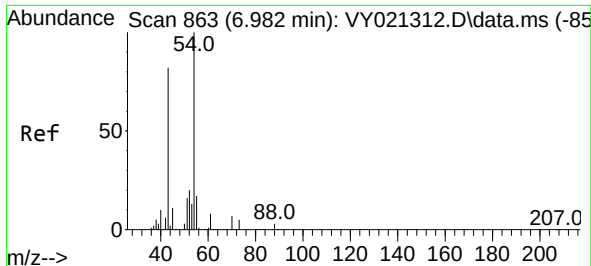
Tgt Ion:113 Resp: 86320
Ion Ratio Lower Upper
113 100
111 102.4 81.0 121.6
192 20.4 15.8 23.8



#36
1,1-Dichloropropene
Concen: 19.556 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 75 Resp: 48989
Ion Ratio Lower Upper
75 100
110 34.5 16.9 50.7
77 31.7 24.6 36.8

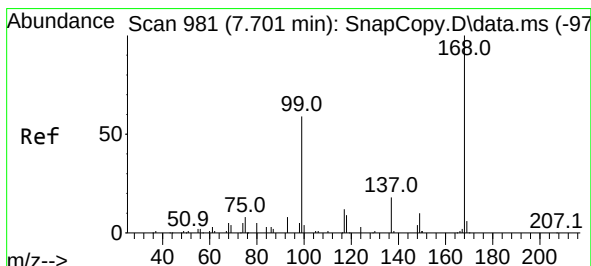
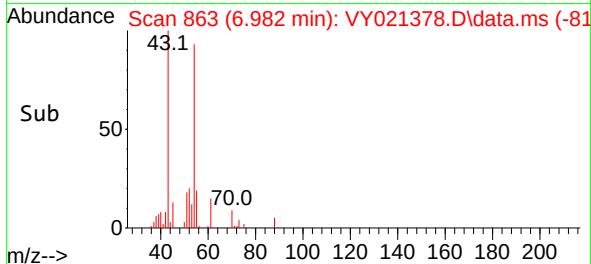
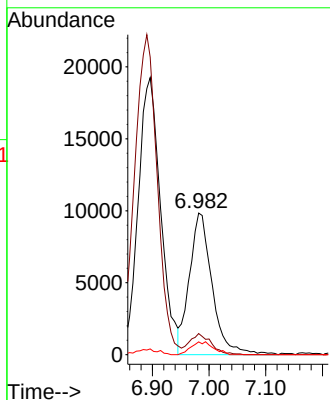
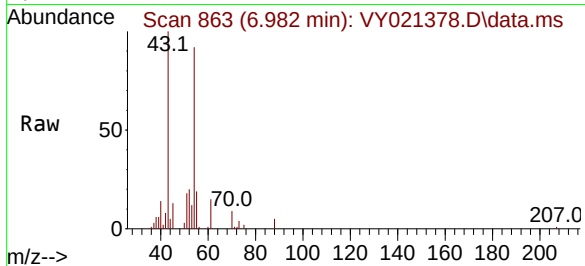




#37
Ethyl Acetate
Concen: 21.993 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

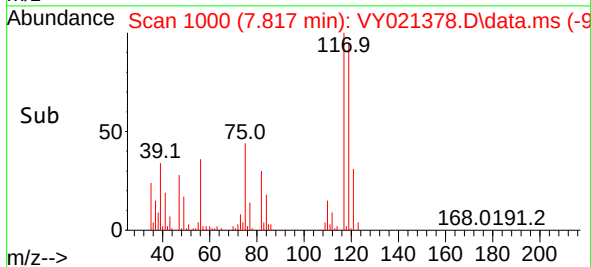
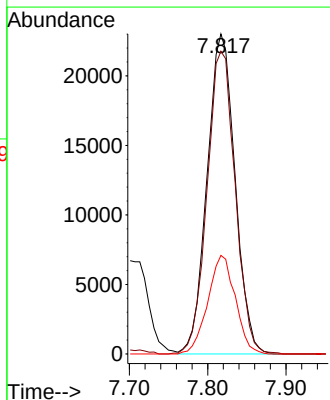
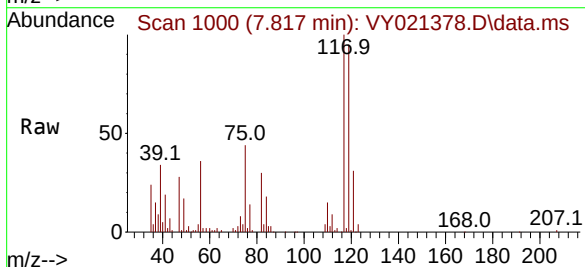
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

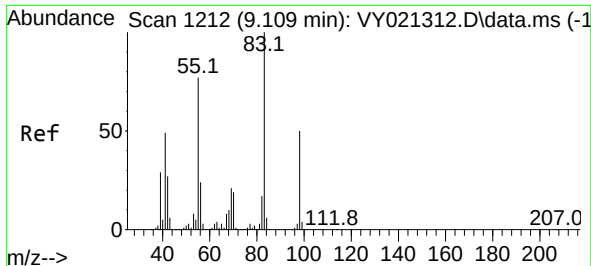
Tgt Ion:	43	Resp:	27404
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.4	15.6
70	8.9	7.5	11.3



#38
Carbon Tetrachloride
Concen: 20.271 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion:	117	Resp:	57088
Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.0	114.0
121	30.8	24.9	37.3

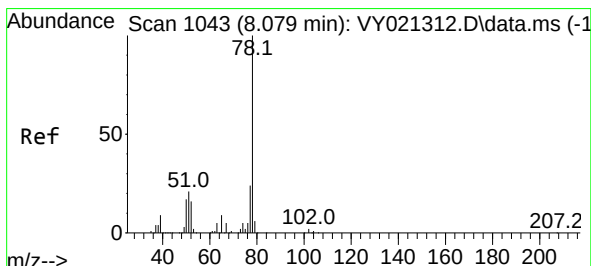
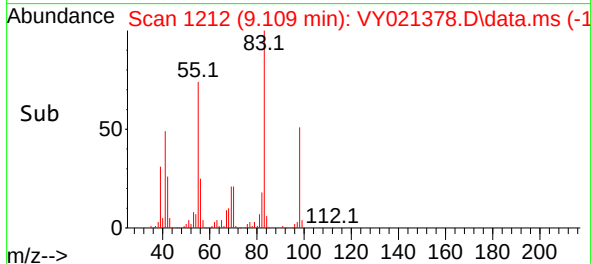
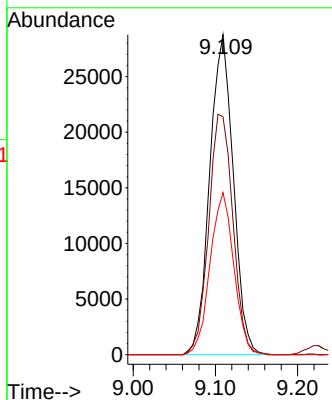
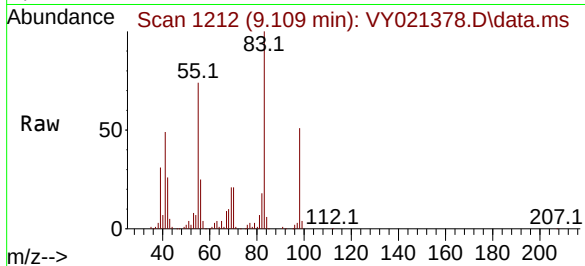




#39
Methylcyclohexane
Concen: 18.101 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

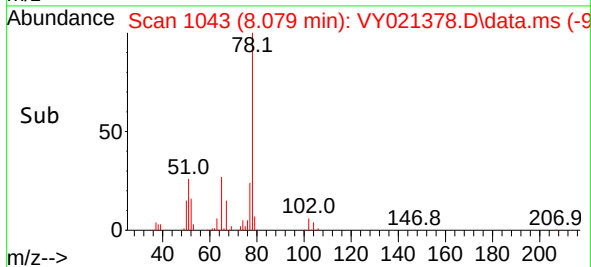
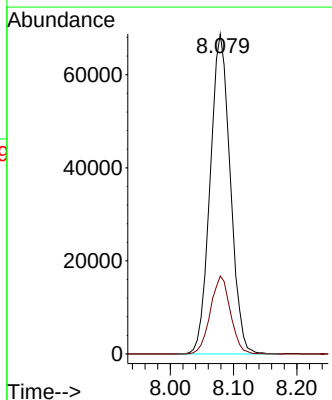
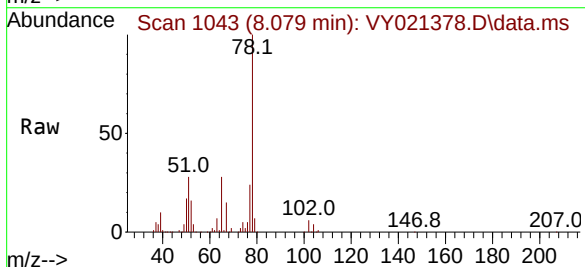
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

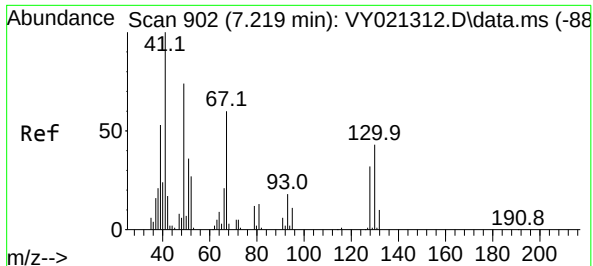
Tgt Ion: 83 Resp: 57350
Ion Ratio Lower Upper
83 100
55 74.3 61.3 91.9
98 50.7 39.9 59.9



#40
Benzene
Concen: 20.542 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 78 Resp: 152112
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8

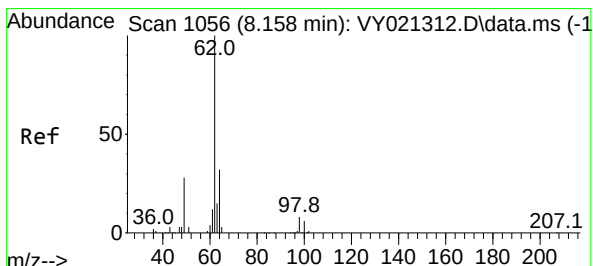
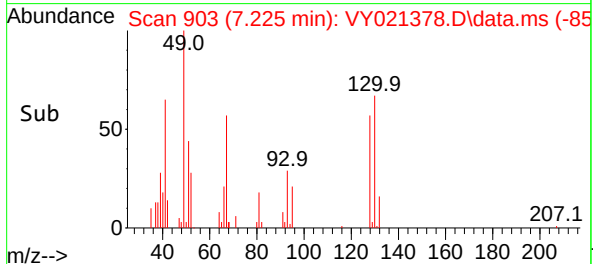
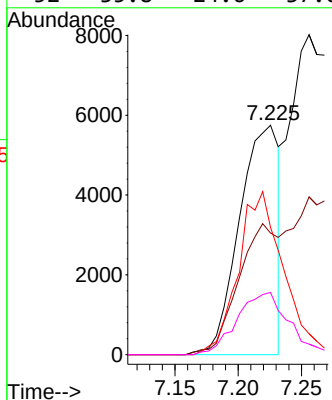
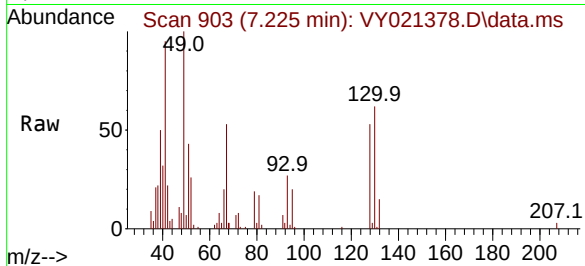




#41
Methacrylonitrile
Concen: 17.912 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

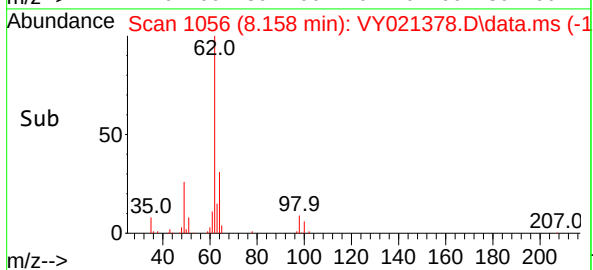
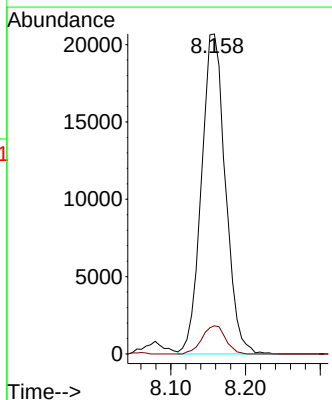
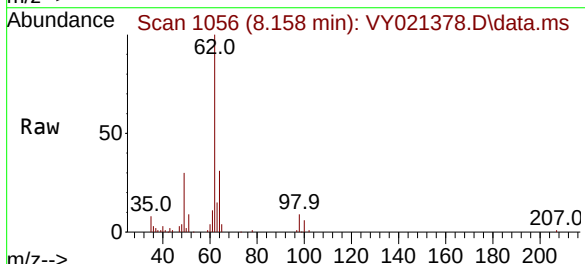
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

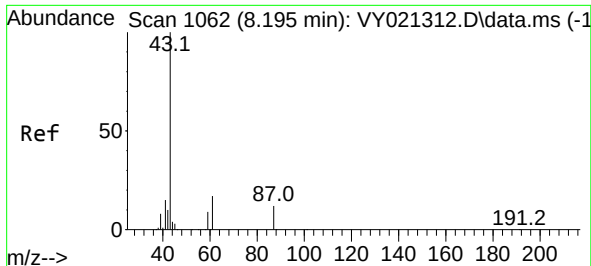
Tgt Ion:	41	Resp:	12479
Ion Ratio	Lower	Upper	
41	100		
39	57.3	42.3	63.5
67	82.2	54.8	82.2
52	35.8	24.6	37.0



#42
1,2-Dichloroethane
Concen: 21.932 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion:	62	Resp:	46077
Ion Ratio	Lower	Upper	
62	100		
98	8.6	0.0	17.6

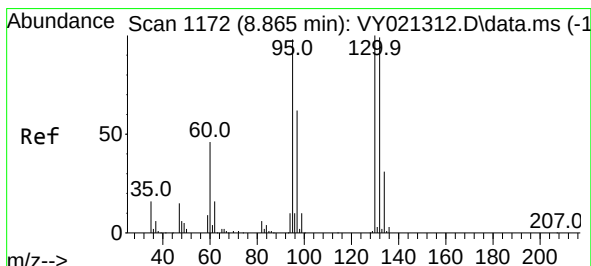
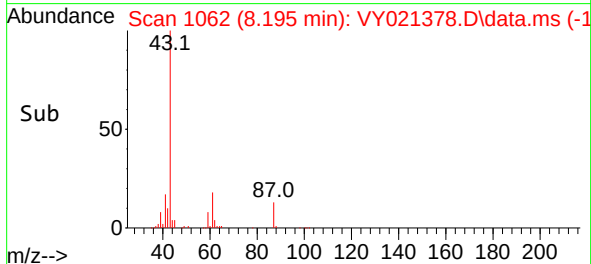
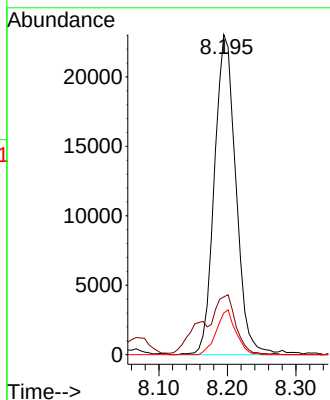
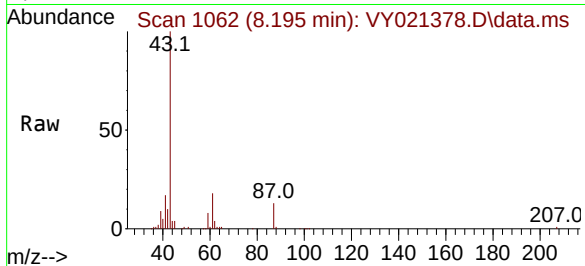




#43
Isopropyl Acetate
Concen: 20.739 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

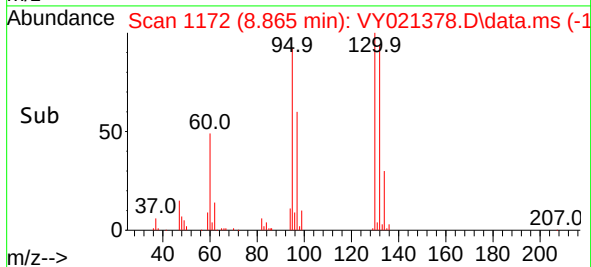
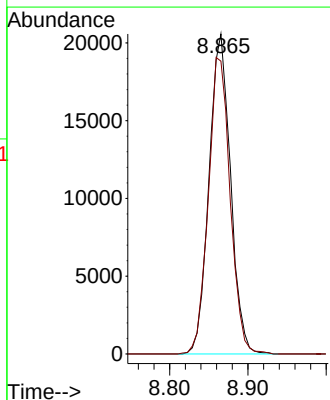
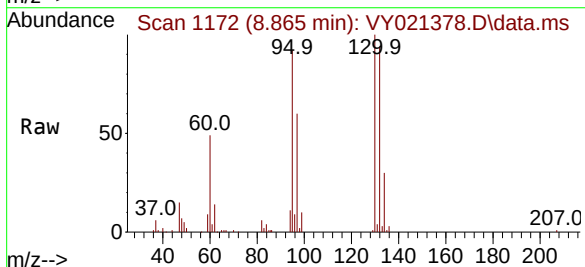
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

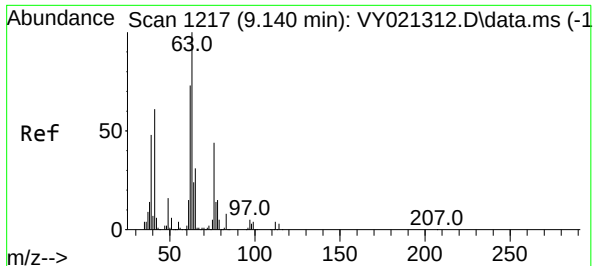
Tgt Ion: 43 Resp: 50020
Ion Ratio Lower Upper
43 100
61 19.1 15.0 22.6
87 12.7 10.0 15.0



#44
Trichloroethene
Concen: 21.133 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion:130 Resp: 39180
Ion Ratio Lower Upper
130 100
95 91.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.066 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

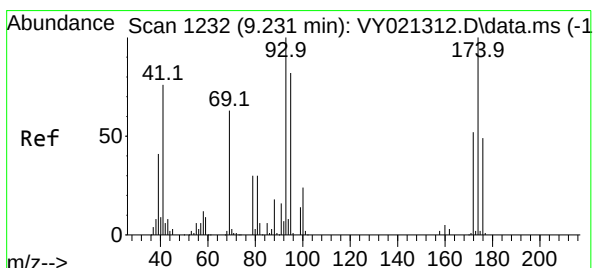
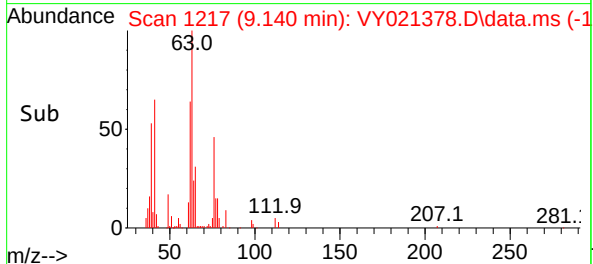
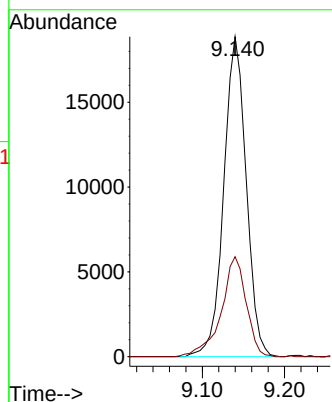
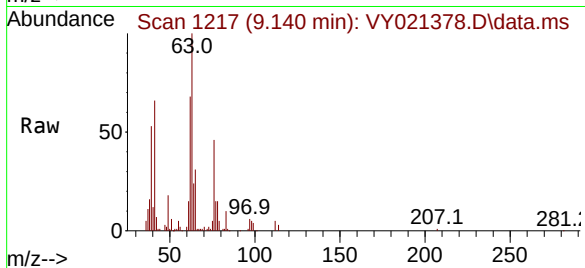
VY0228SBS01

Tgt Ion: 63 Resp: 35758

Ion Ratio Lower Upper

63 100

65 31.3 24.6 36.8



#46

Dibromomethane

Concen: 22.161 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

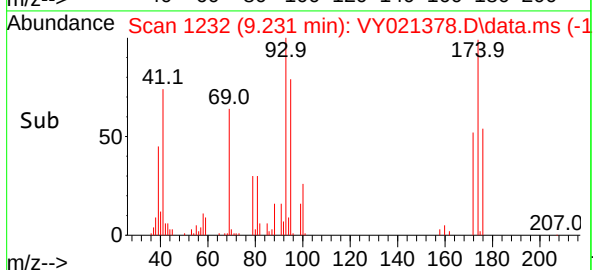
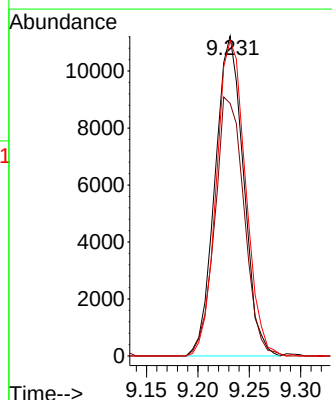
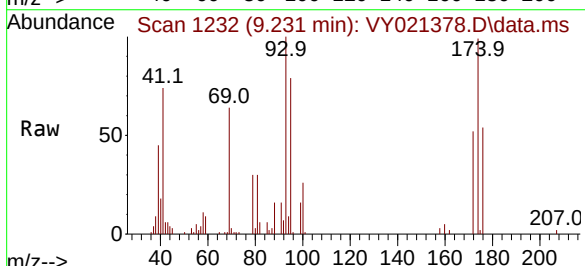
Tgt Ion: 93 Resp: 21587

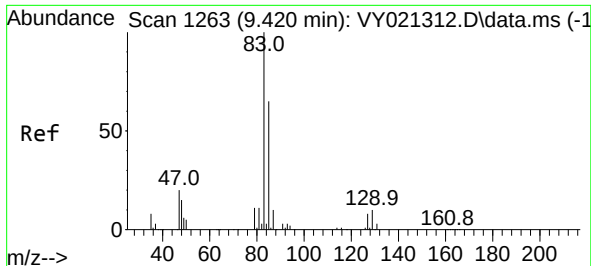
Ion Ratio Lower Upper

93 100

95 83.2 66.4 99.6

174 101.0 78.2 117.2

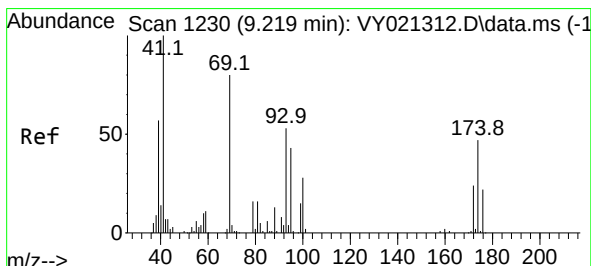
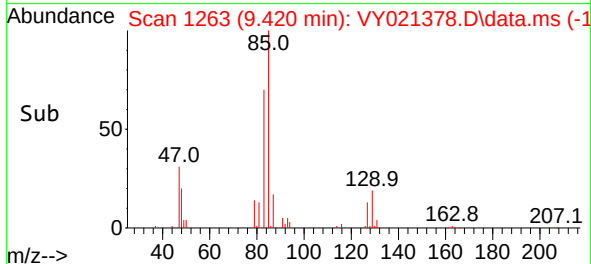
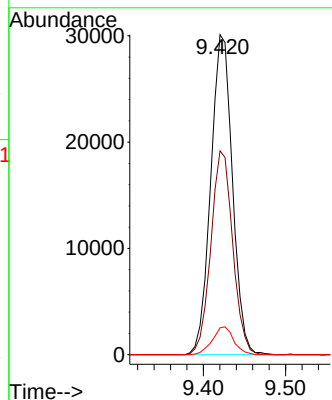
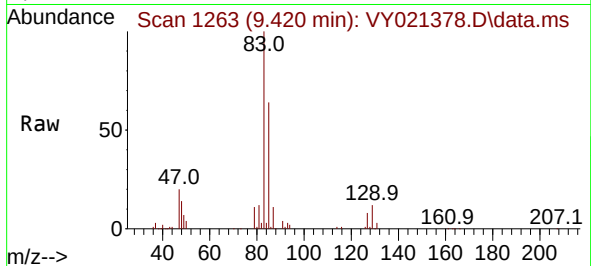




#47
Bromodichloromethane
Concen: 21.230 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

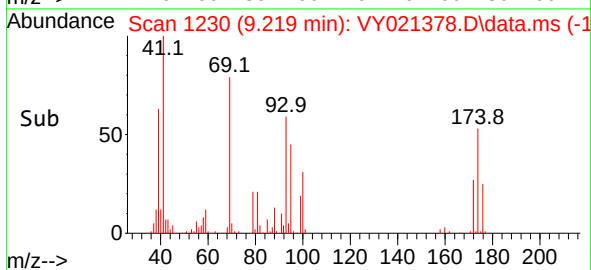
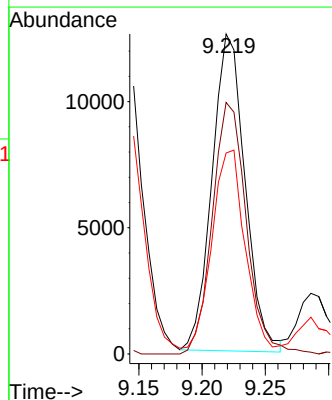
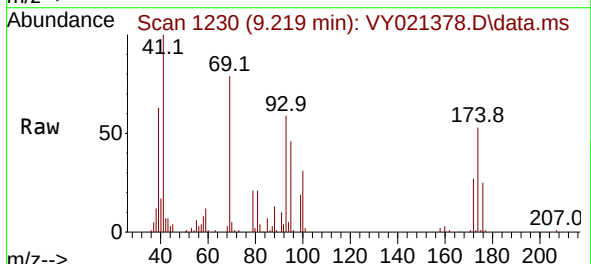
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

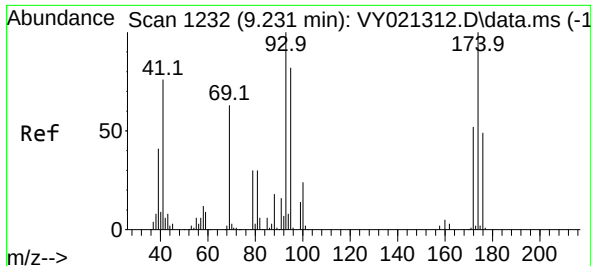
Tgt Ion: 83 Resp: 55141
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.8
127 8.4 6.7 10.1



#48
Methyl methacrylate
Concen: 20.212 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 41 Resp: 22796
Ion Ratio Lower Upper
41 100
69 81.8 63.3 94.9
39 61.9 45.0 67.6





#49

1,4-Dioxane

Concen: 429.690 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

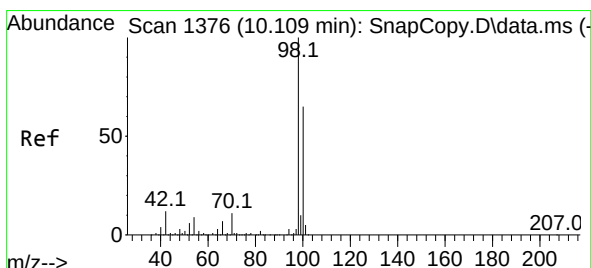
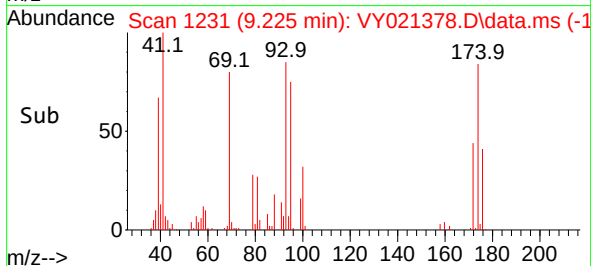
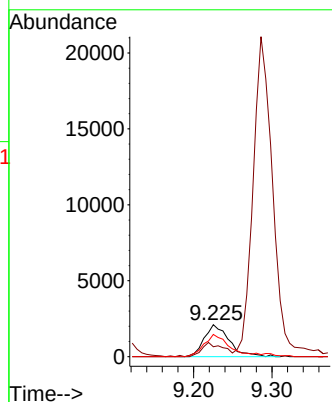
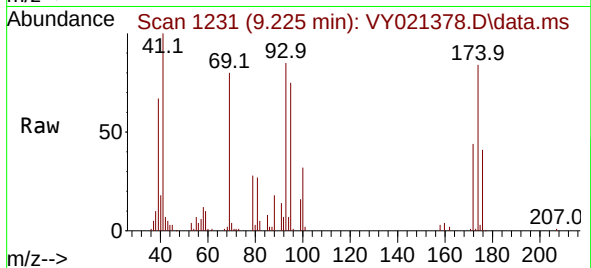
Tgt Ion: 88 Resp: 4654

Ion Ratio Lower Upper

88 100

43 37.3 34.8 52.2

58 77.2 59.8 89.6



#50

Toluene-d8

Concen: 50.711 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY021378.D

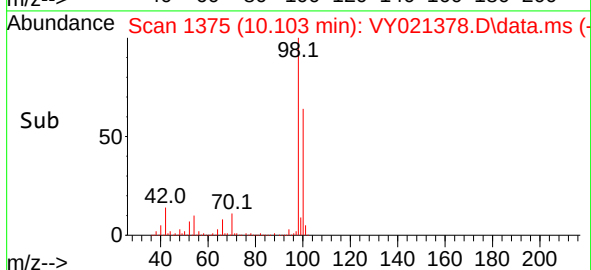
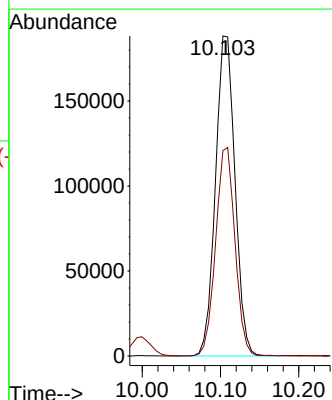
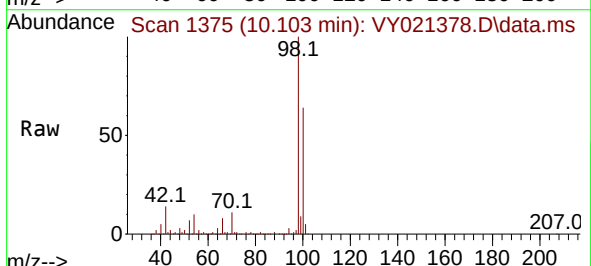
Acq: 28 Feb 2025 11:55

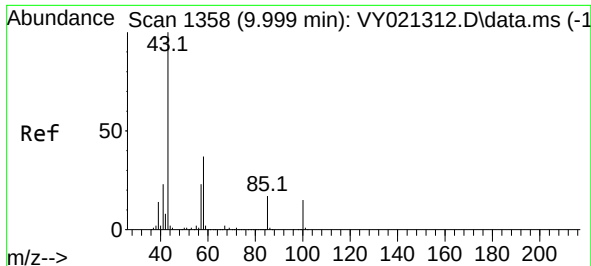
Tgt Ion: 98 Resp: 326831

Ion Ratio Lower Upper

98 100

100 64.4 52.4 78.6

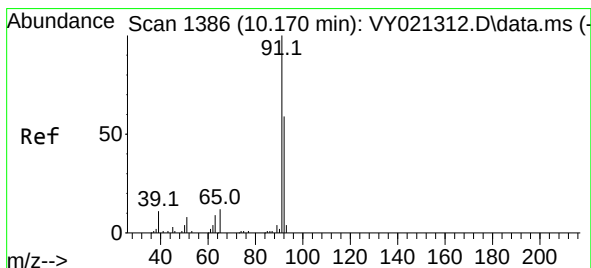
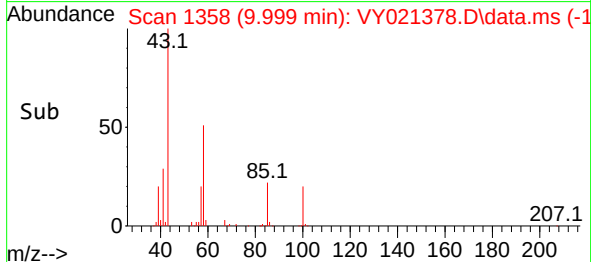
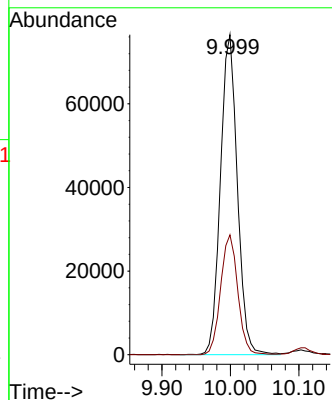
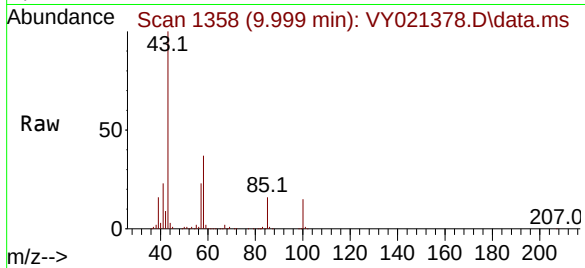




#51
4-Methyl-2-Pentanone
Concen: 105.922 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

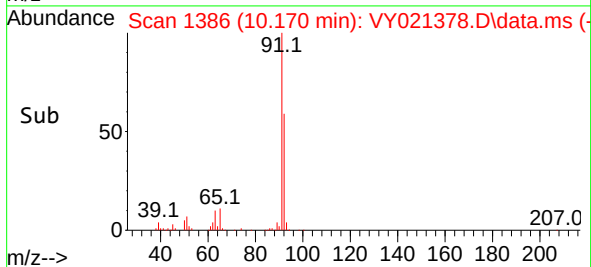
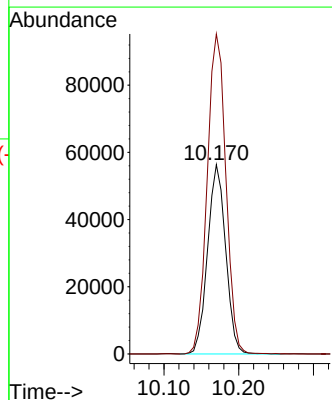
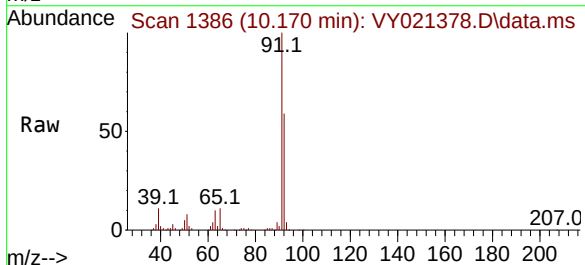
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

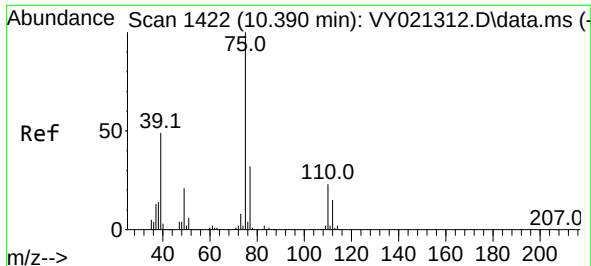
Tgt Ion: 43 Resp: 130772
Ion Ratio Lower Upper
43 100
58 37.9 30.1 45.1



#52
Toluene
Concen: 20.569 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 92 Resp: 94620
Ion Ratio Lower Upper
92 100
91 174.3 137.8 206.8

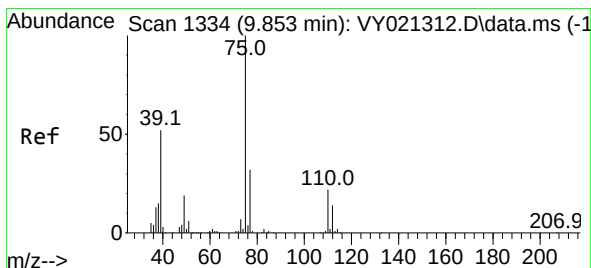
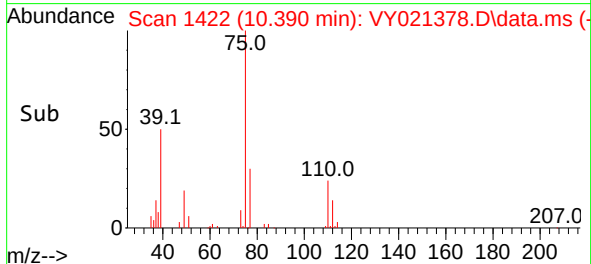
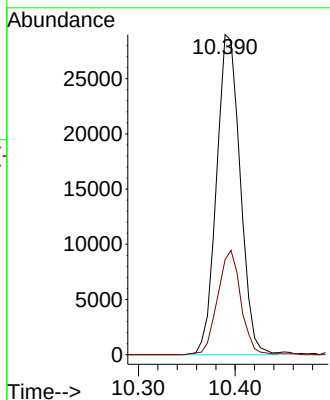
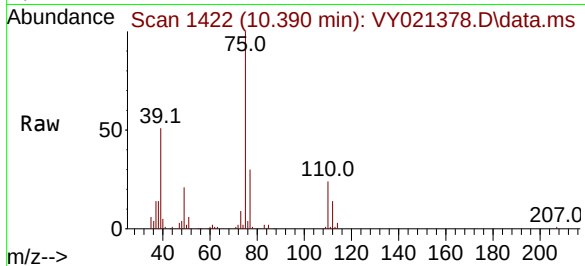




#53
 t-1,3-Dichloropropene
 Concen: 20.712 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY021378.D
 Acq: 28 Feb 2025 11:55

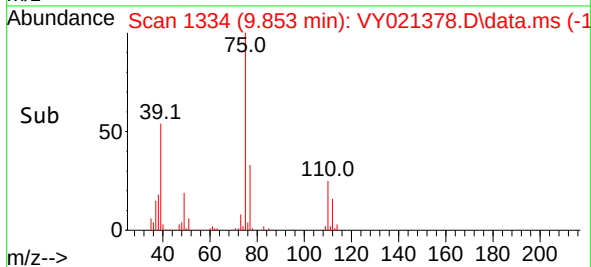
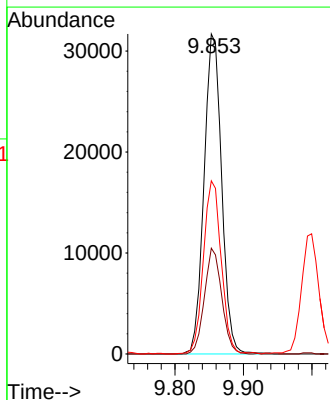
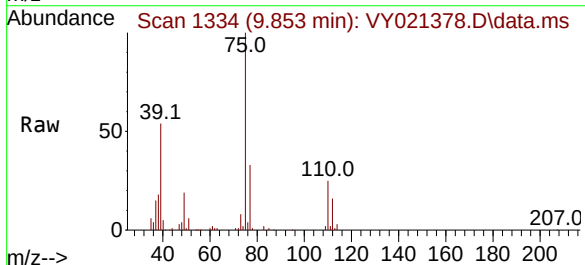
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBS01

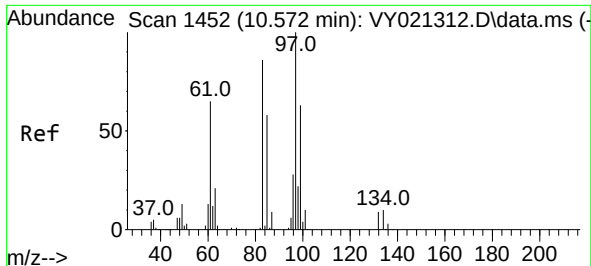
Tgt Ion: 75 Resp: 49286
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.205 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY021378.D
 Acq: 28 Feb 2025 11:55

Tgt Ion: 75 Resp: 56761
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.7 38.5
 39 53.9 41.8 62.6

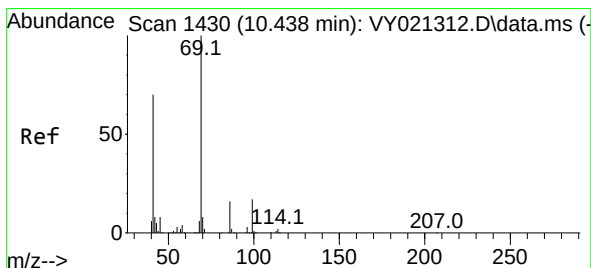
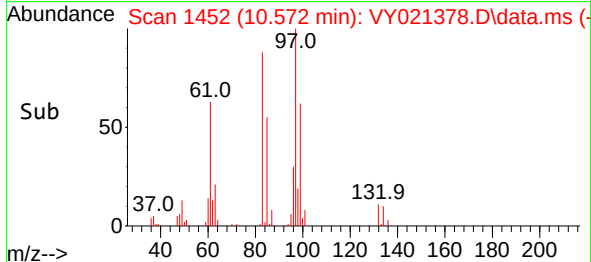
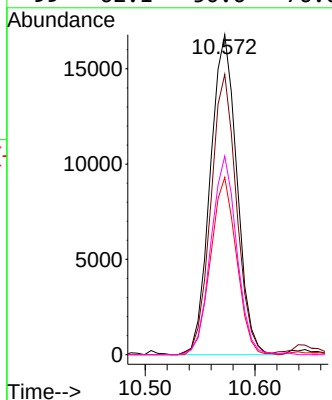
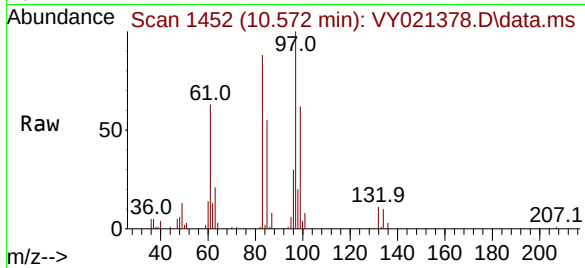




#55
1,1,2-Trichloroethane
Concen: 22.319 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

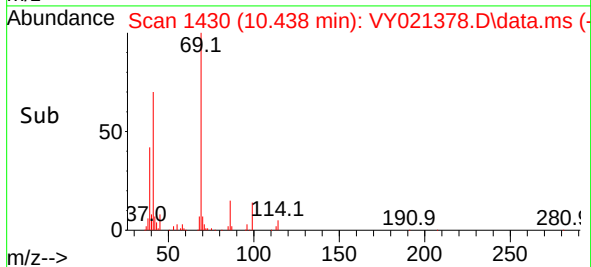
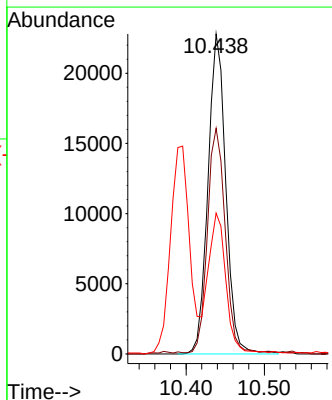
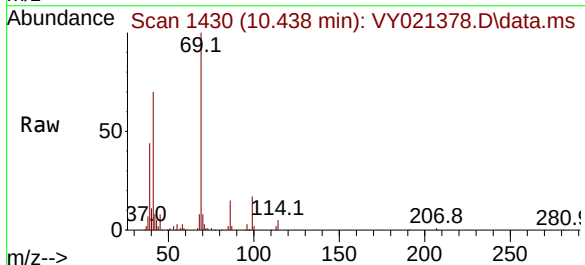
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

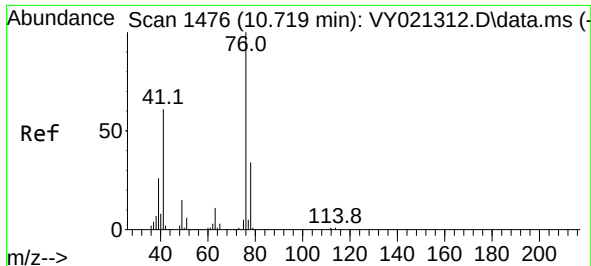
Tgt Ion:	97	Resp:	28322
Ion	Ratio	Lower	Upper
97	100		
83	87.6	68.7	103.1
85	55.4	46.3	69.5
99	62.1	50.6	76.0



#56
Ethyl methacrylate
Concen: 20.566 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion:	69	Resp:	36060
Ion	Ratio	Lower	Upper
69	100		
41	69.5	56.2	84.4
39	41.8	32.7	49.1





#57

1,3-Dichloropropane

Concen: 21.645 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

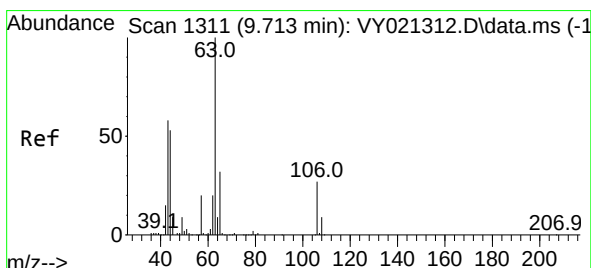
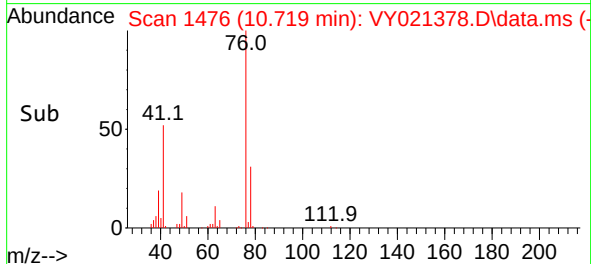
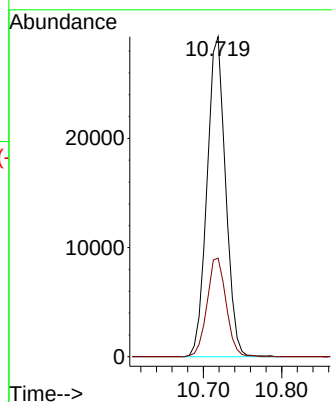
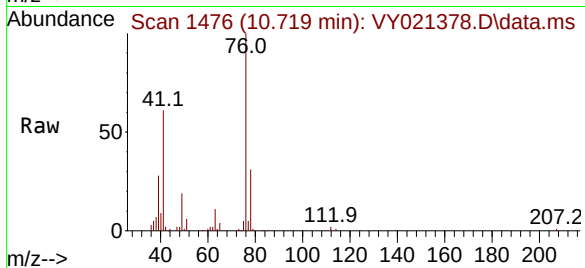
VY0228SBSD01

Tgt Ion: 76 Resp: 48198

Ion Ratio Lower Upper

76 100

78 31.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 96.070 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021378.D

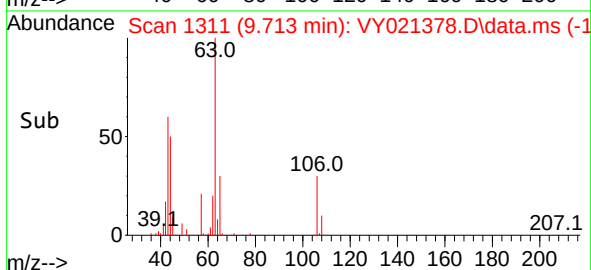
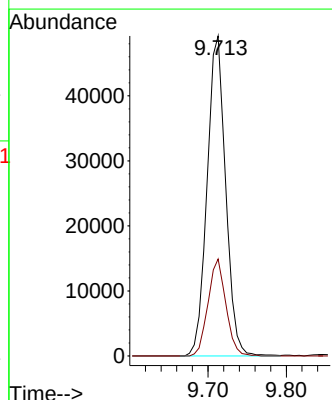
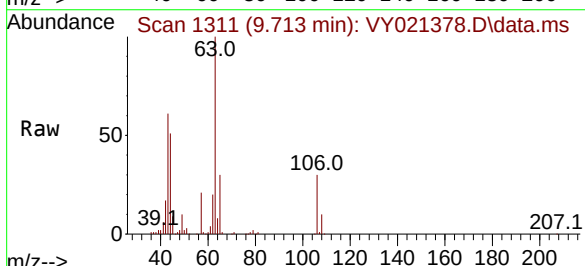
Acq: 28 Feb 2025 11:55

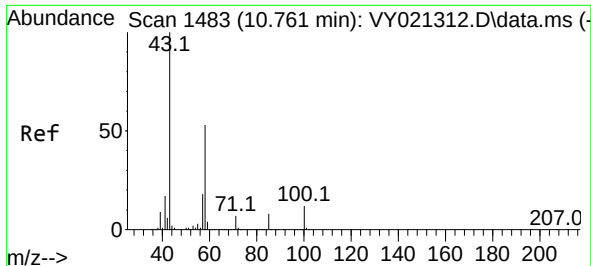
Tgt Ion: 63 Resp: 80853

Ion Ratio Lower Upper

63 100

106 29.1 21.7 32.5

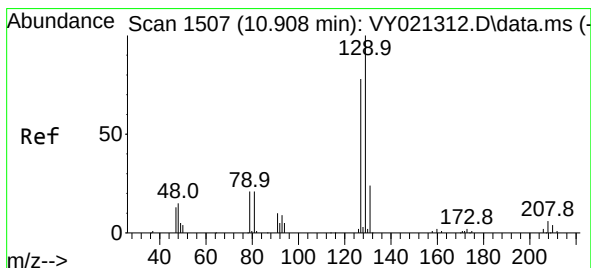
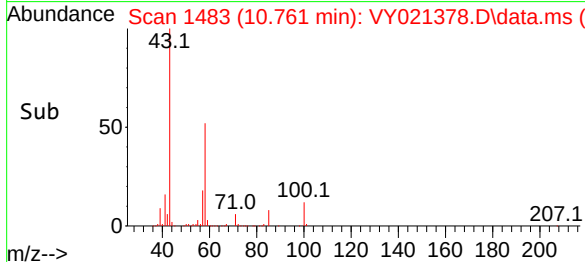
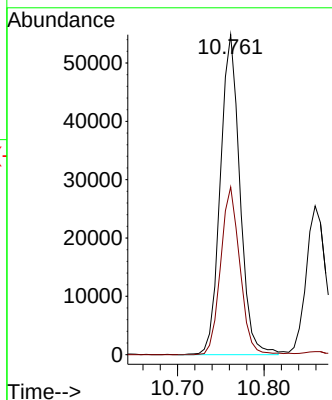
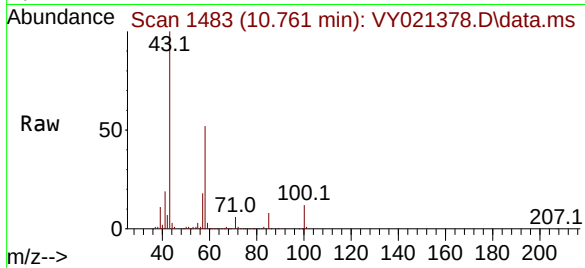




#59
2-Hexanone
Concen: 106.184 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

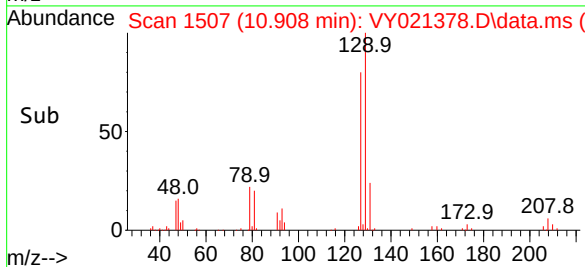
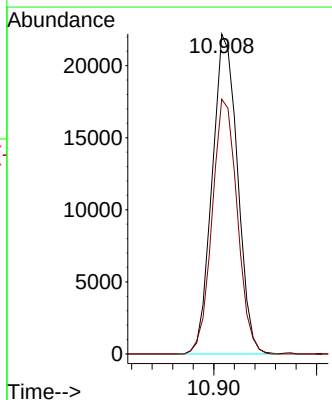
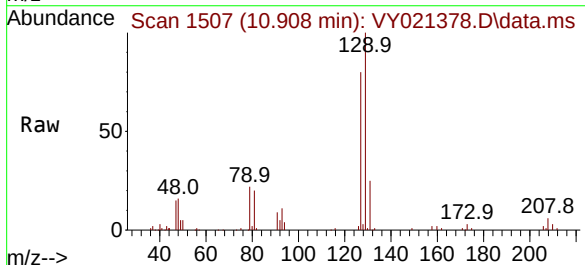
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

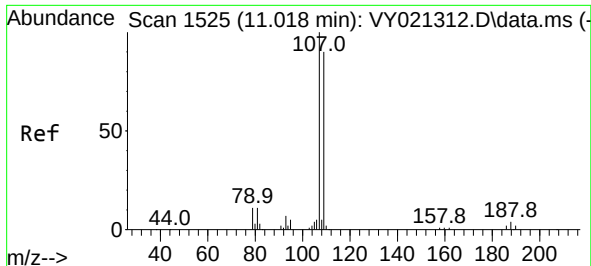
Tgt Ion: 43 Resp: 86097
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.6



#60
Dibromochloromethane
Concen: 21.984 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 129 Resp: 37994
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4

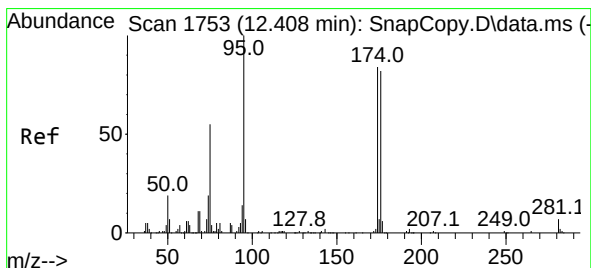
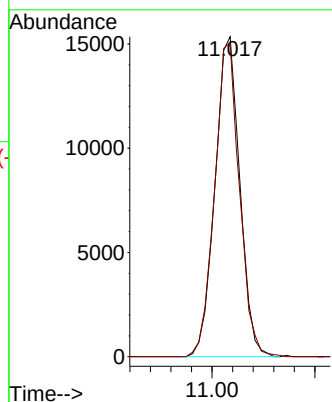
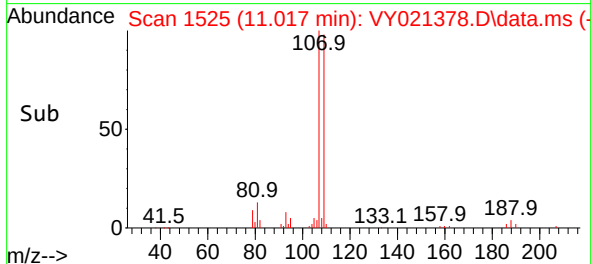
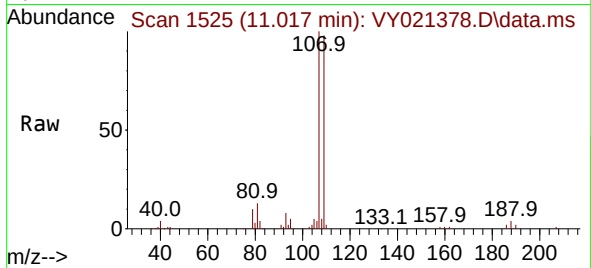




#61
1,2-Dibromoethane
Concen: 21.296 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

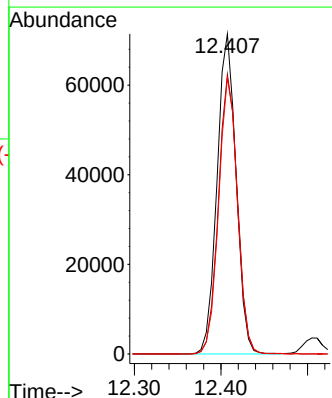
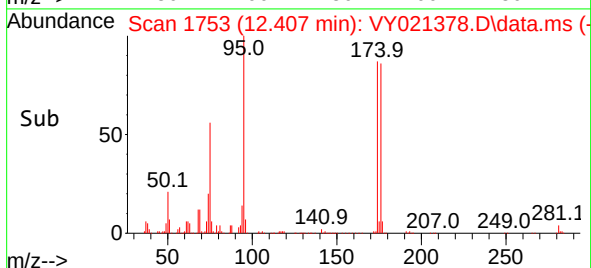
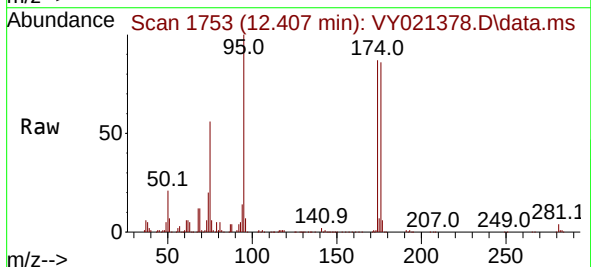
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

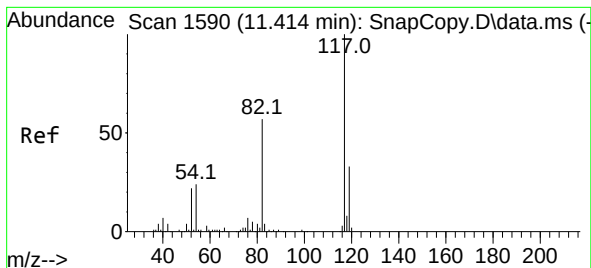
Tgt Ion:107 Resp: 25584
Ion Ratio Lower Upper
107 100
109 98.5 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 50.196 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 95 Resp: 108877
Ion Ratio Lower Upper
95 100
174 87.3 0.0 168.0
176 85.2 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBSD01

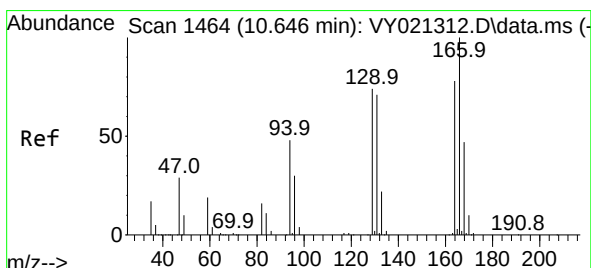
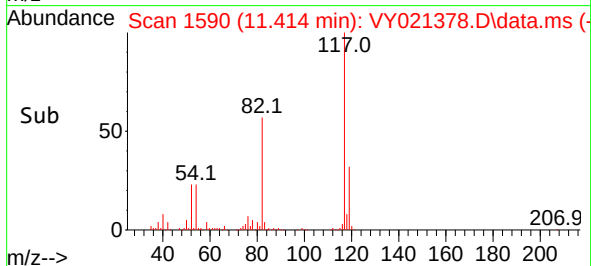
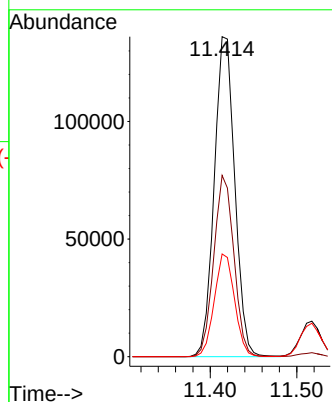
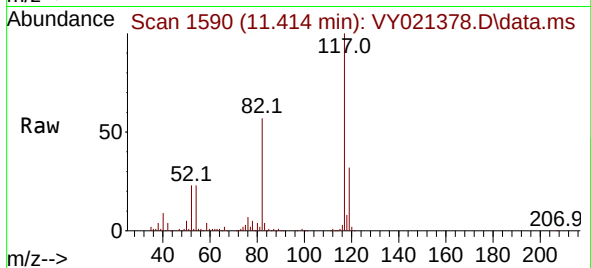
Tgt Ion:117 Resp: 224650

Ion Ratio Lower Upper

117 100

82 56.7 46.2 69.4

119 32.1 24.9 37.3



#64

Tetrachloroethene

Concen: 21.064 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Tgt Ion:164 Resp: 35766

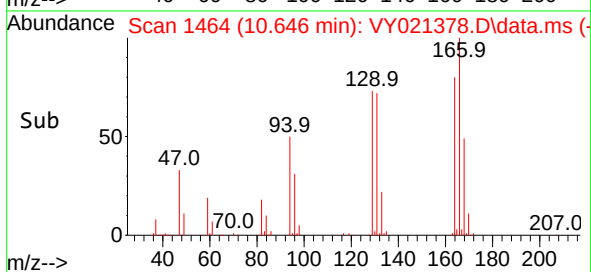
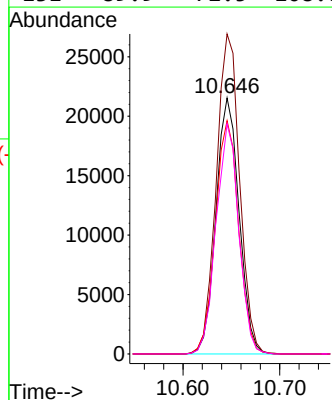
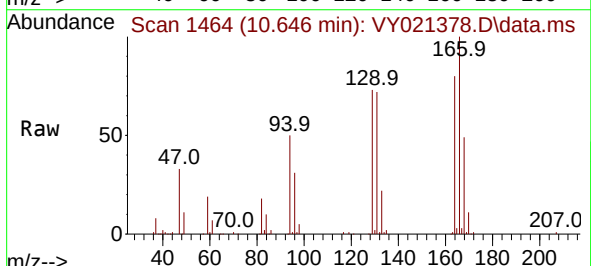
Ion Ratio Lower Upper

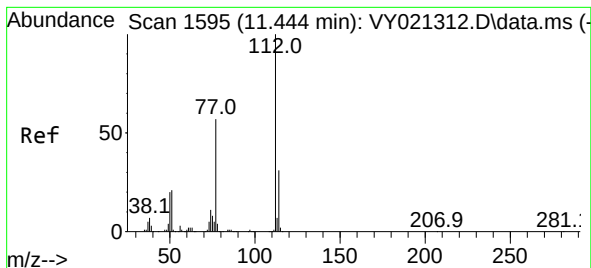
164 100

166 125.0 101.9 152.9

129 91.1 75.5 113.3

131 89.9 72.5 108.7





#65

Chlorobenzene

Concen: 20.805 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

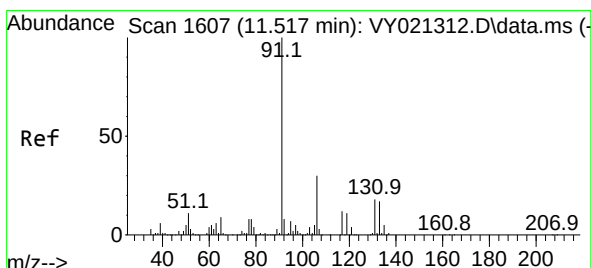
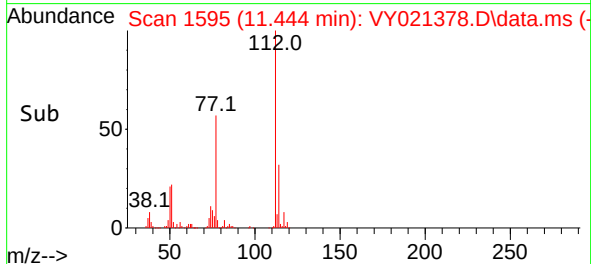
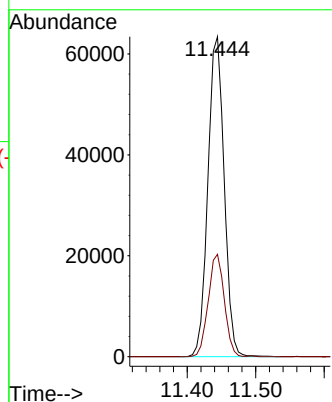
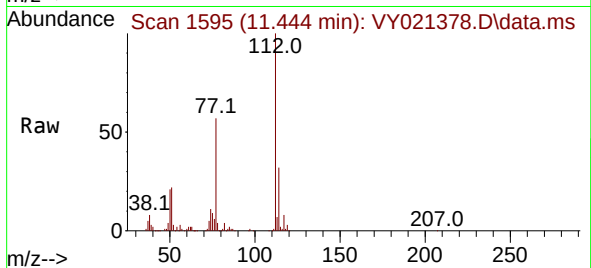
VY0228SBSD01

Tgt Ion:112 Resp: 104917

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.224 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

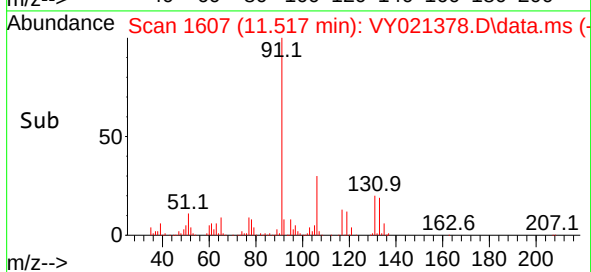
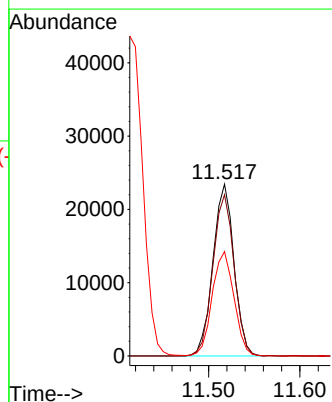
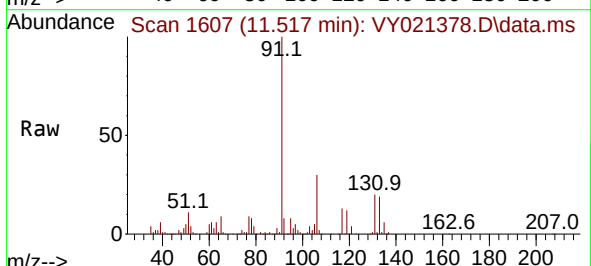
Tgt Ion:131 Resp: 37477

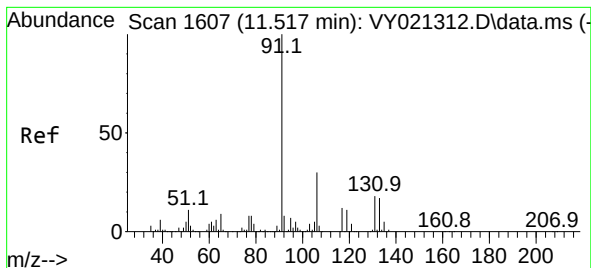
Ion Ratio Lower Upper

131 100

133 95.0 47.9 143.6

119 62.9 31.7 95.1

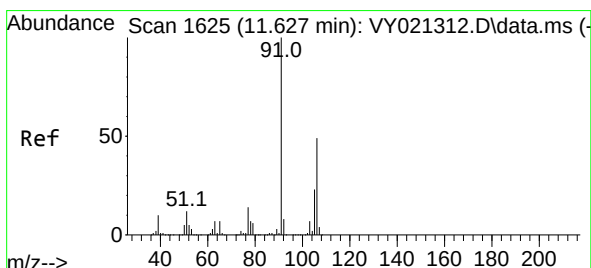
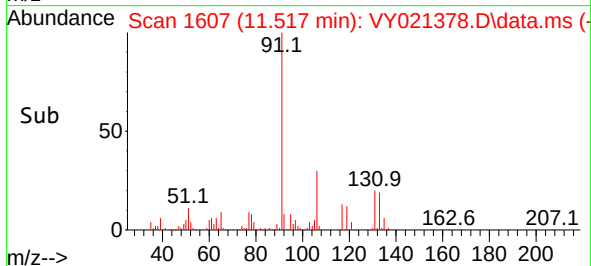
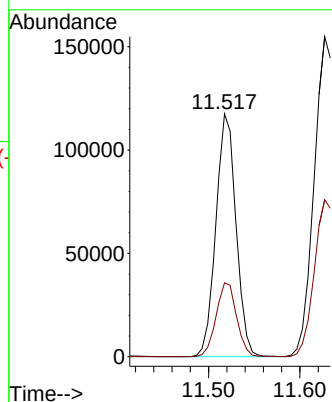
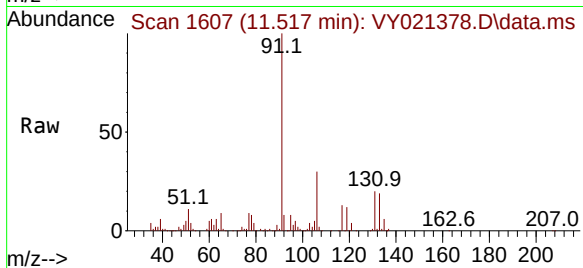




#67
Ethyl Benzene
Concen: 20.152 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

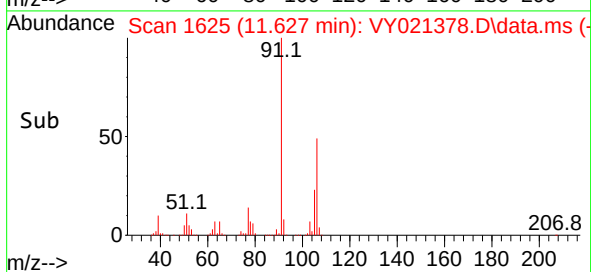
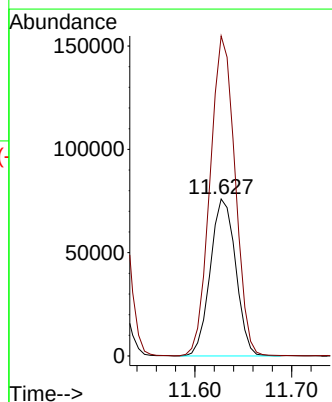
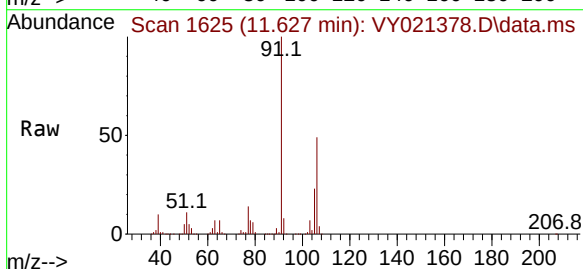
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

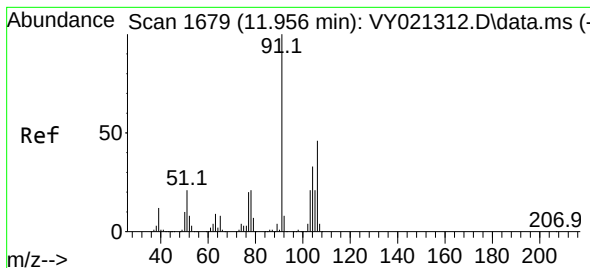
Tgt Ion: 91 Resp: 180004
Ion Ratio Lower Upper
91 100
106 30.4 24.4 36.6



#68
m/p-Xylenes
Concen: 41.301 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion:106 Resp: 138760
Ion Ratio Lower Upper
106 100
91 200.7 163.9 245.9





#69

o-Xylene

Concen: 20.406 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

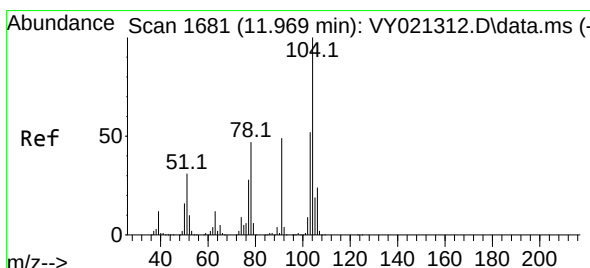
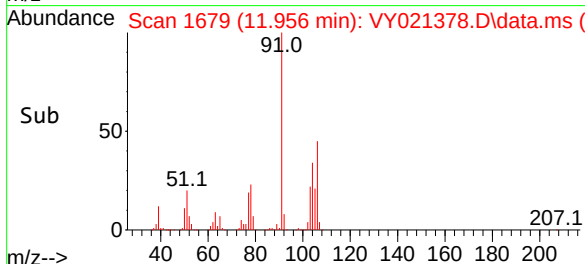
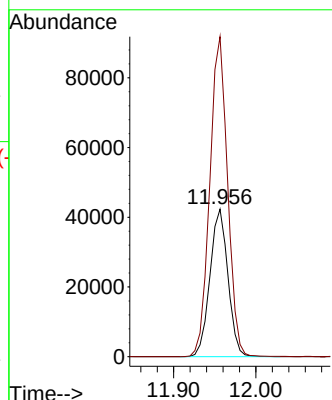
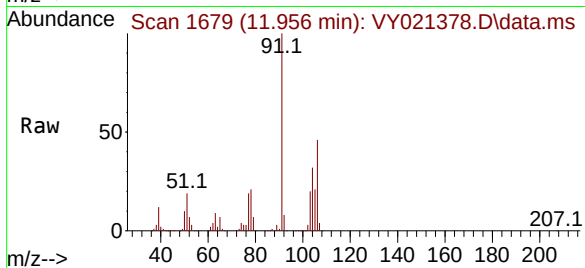
VY0228SBS01

Tgt Ion:106 Resp: 64226

Ion Ratio Lower Upper

106 100

91 214.8 108.1 324.2



#70

Styrene

Concen: 20.745 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

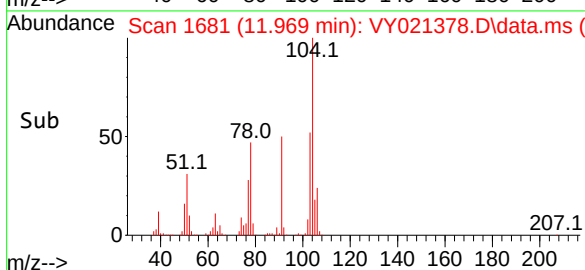
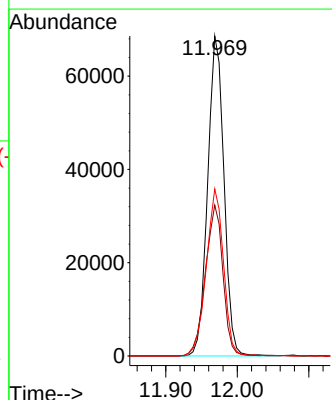
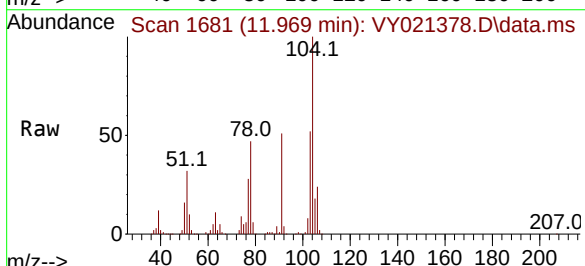
Tgt Ion:104 Resp: 108635

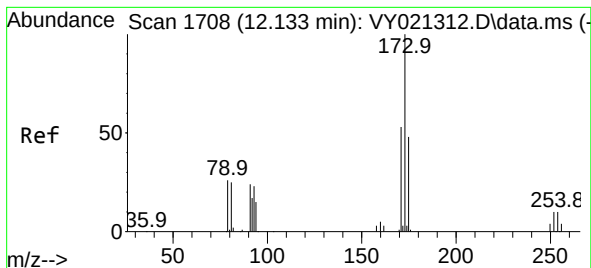
Ion Ratio Lower Upper

104 100

78 51.0 41.3 61.9

103 55.5 43.9 65.9





#71

Bromoform

Concen: 22.537 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBSD01

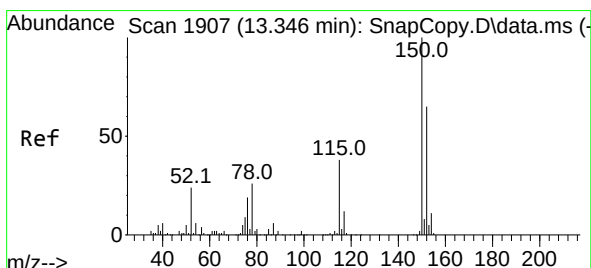
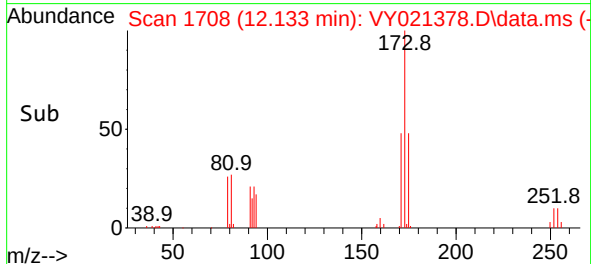
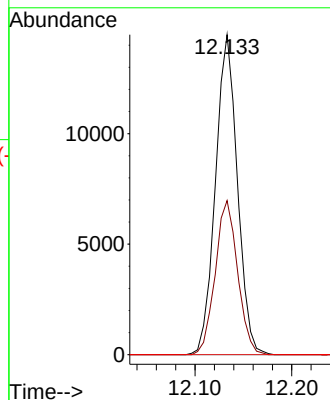
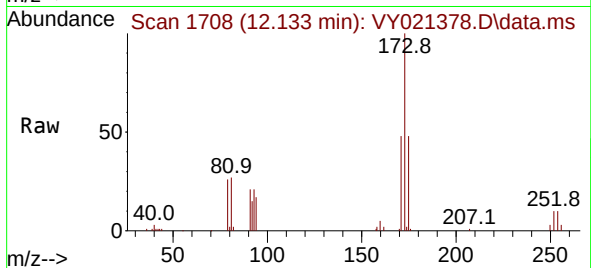
Tgt Ion:173 Resp: 22766

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.3

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

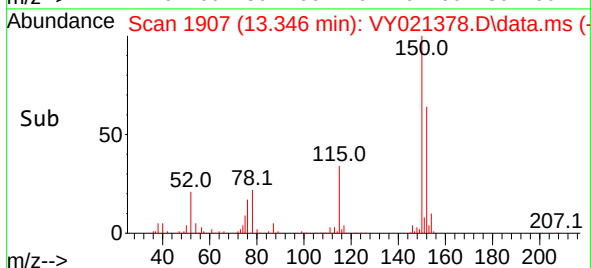
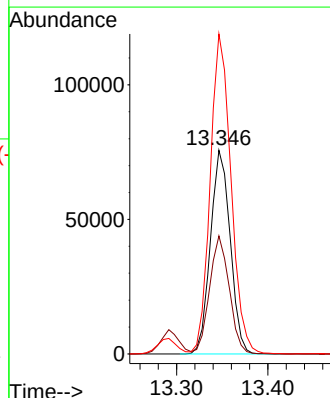
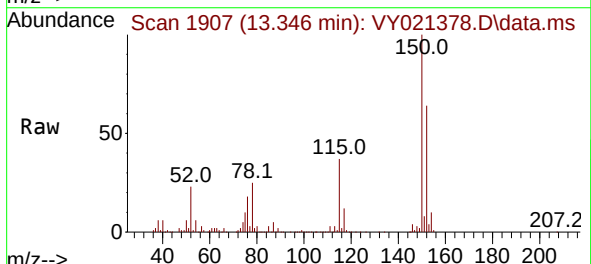
Tgt Ion:152 Resp: 113722

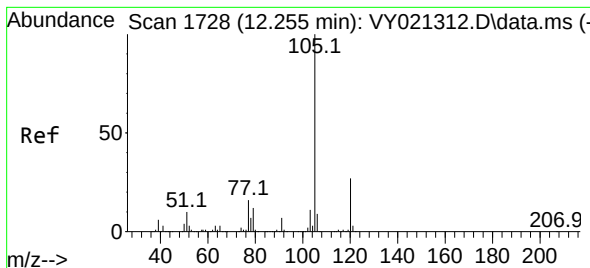
Ion Ratio Lower Upper

152 100

115 57.6 29.3 88.0

150 165.0 0.0 347.4





#73

Isopropylbenzene

Concen: 19.720 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

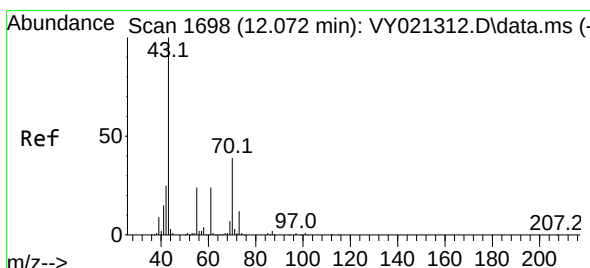
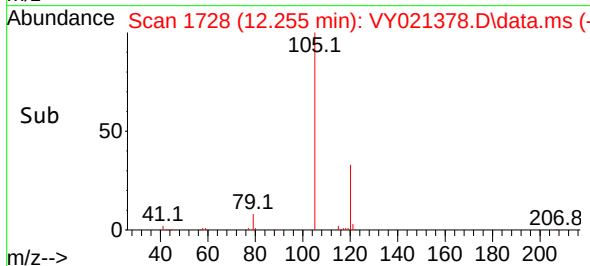
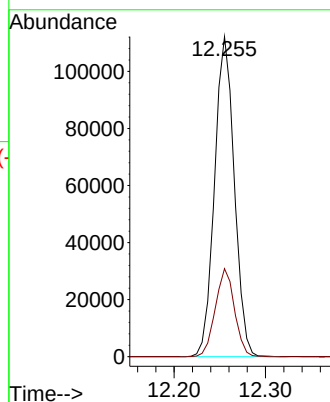
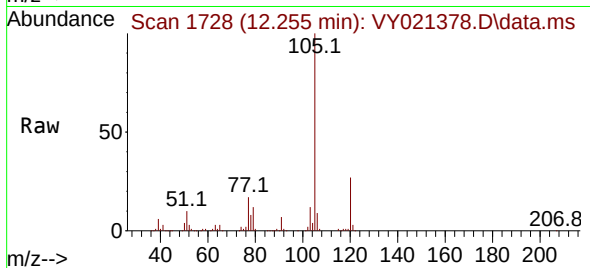
VY0228SBS01

Tgt Ion:105 Resp: 168596

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 19.367 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Tgt Ion: 43 Resp: 42086

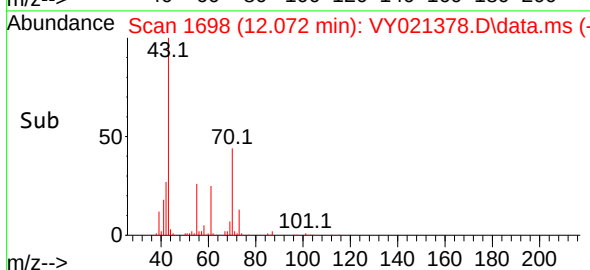
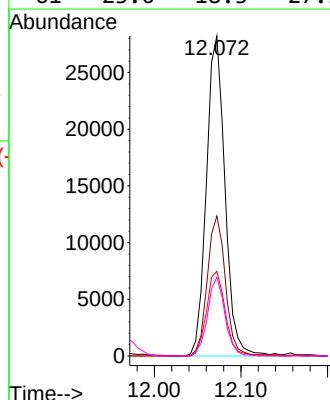
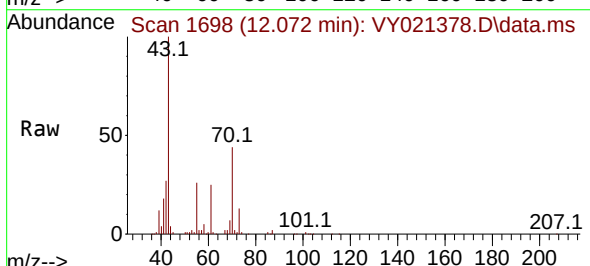
Ion Ratio Lower Upper

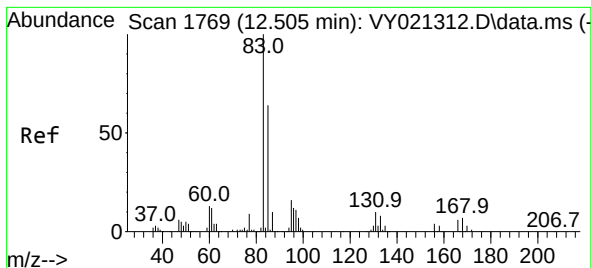
43 100

70 42.8 32.2 48.2

55 26.9 19.6 29.4

61 23.0 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.025 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

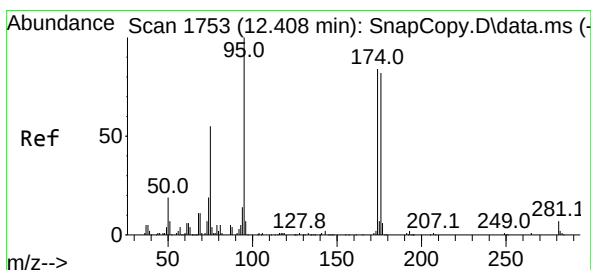
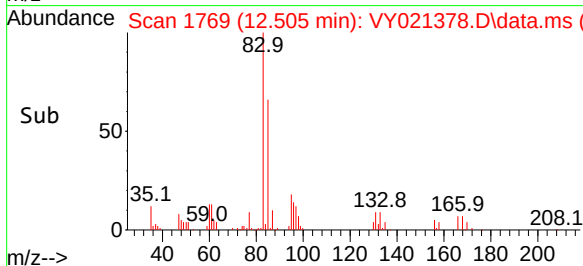
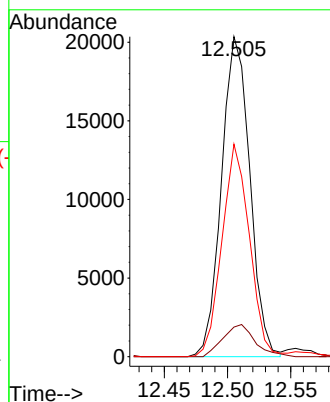
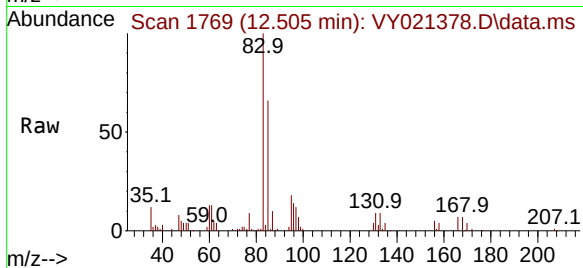
Tgt Ion: 83 Resp: 31724

Ion Ratio Lower Upper

83 100

131 11.3 5.2 15.6

85 64.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 36.320 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY021378.D

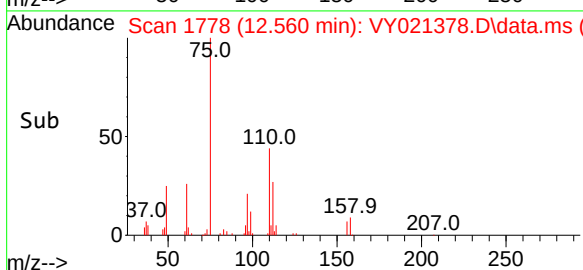
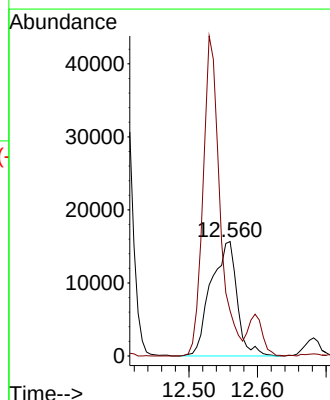
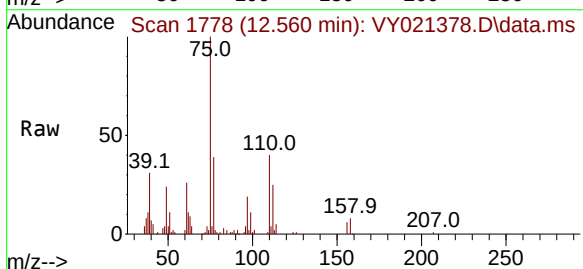
Acq: 28 Feb 2025 11:55

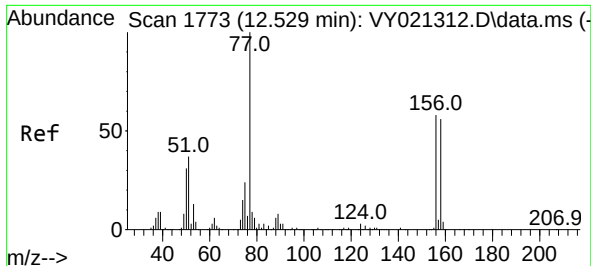
Tgt Ion: 75 Resp: 41343

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

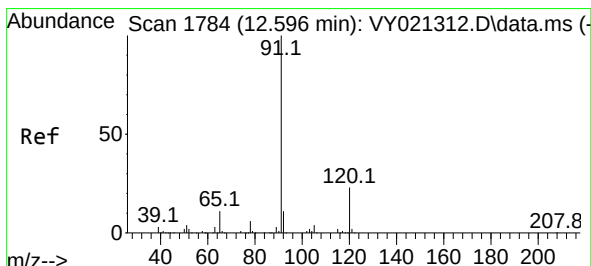
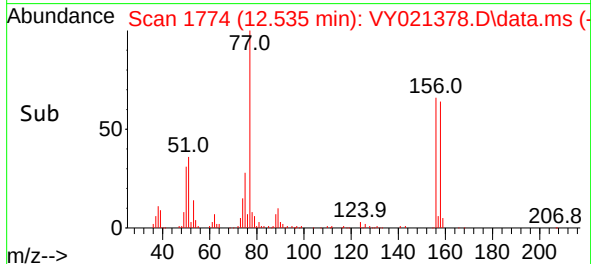
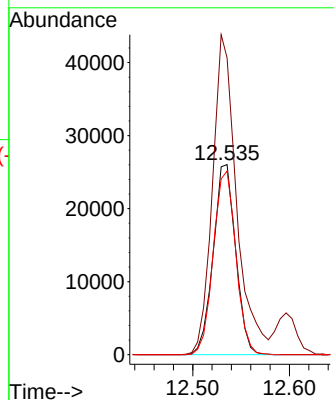
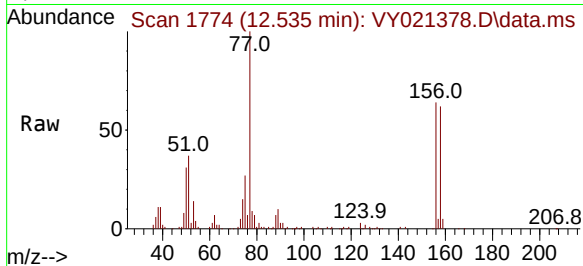




#77
Bromobenzene
Concen: 21.100 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

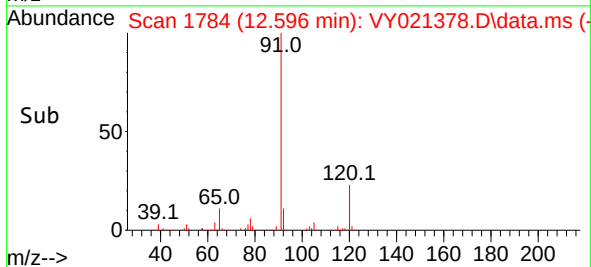
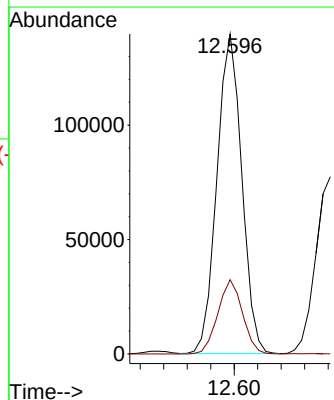
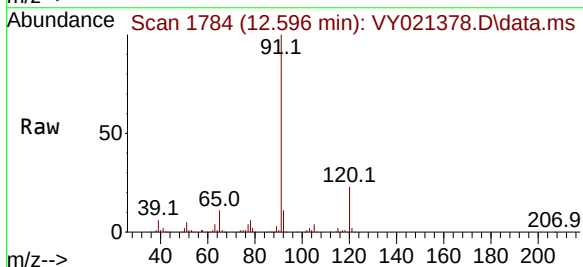
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

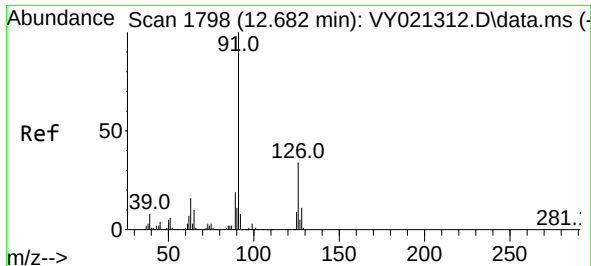
Tgt Ion:156 Resp: 41959
Ion Ratio Lower Upper
156 100
77 180.4 94.0 282.1
158 97.1 48.7 146.1



#78
n-propylbenzene
Concen: 19.745 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 91 Resp: 204845
Ion Ratio Lower Upper
91 100
120 23.0 11.2 33.5

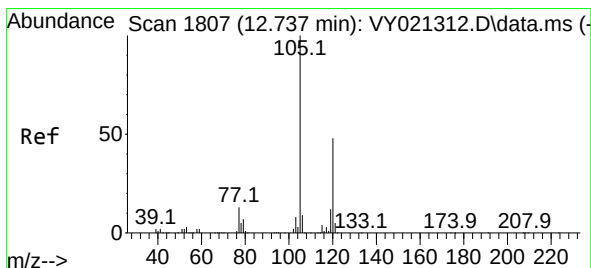
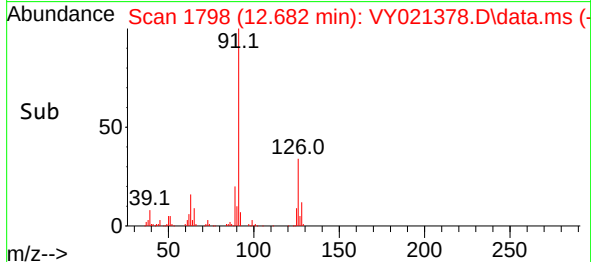
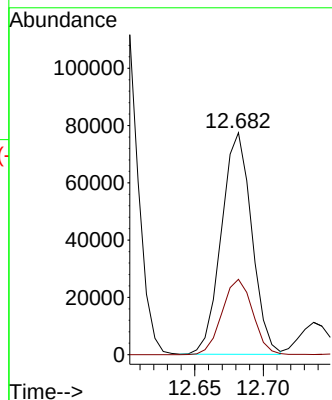
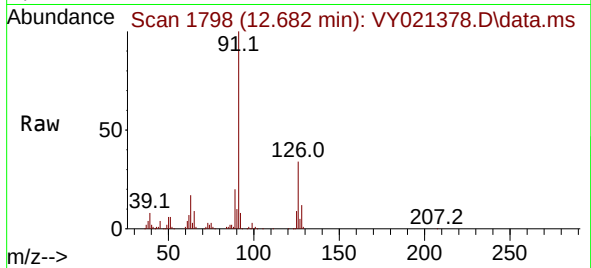




#79
2-Chlorotoluene
Concen: 20.057 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

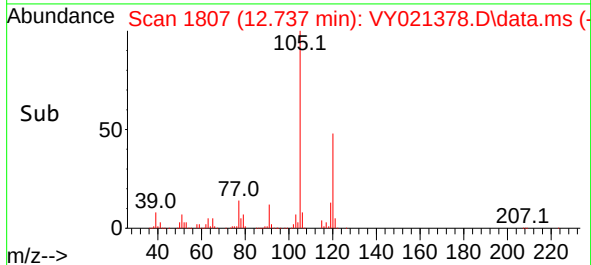
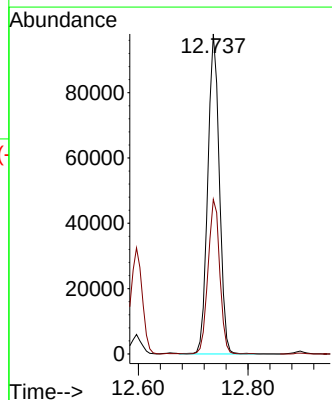
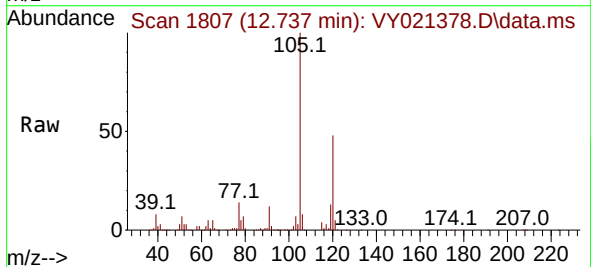
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

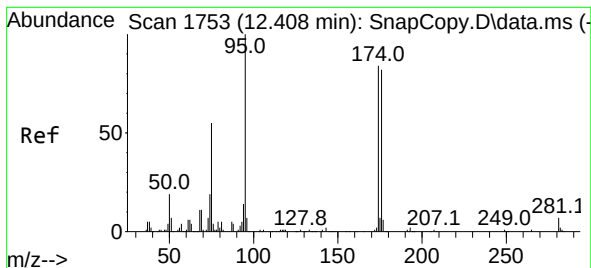
Tgt Ion: 91 Resp: 119420
Ion Ratio Lower Upper
91 100
126 34.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 20.390 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 105 Resp: 142974
Ion Ratio Lower Upper
105 100
120 48.8 24.3 73.0

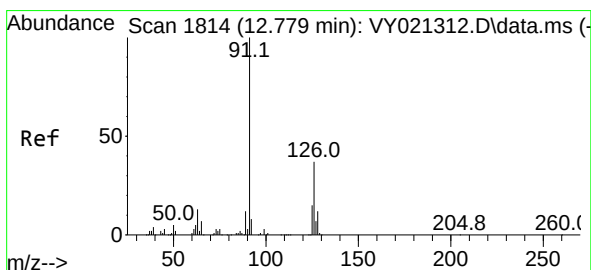
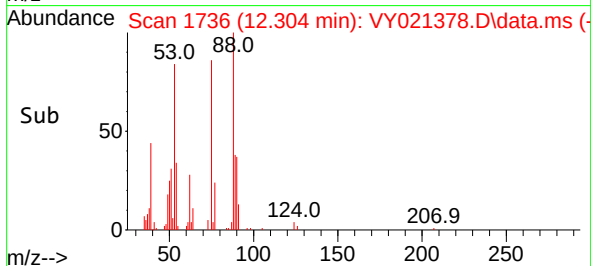
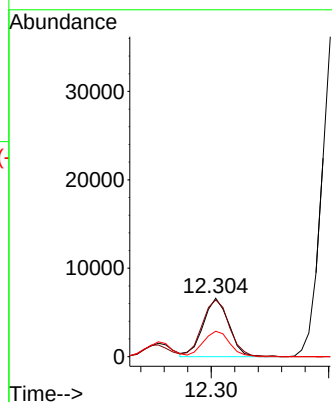
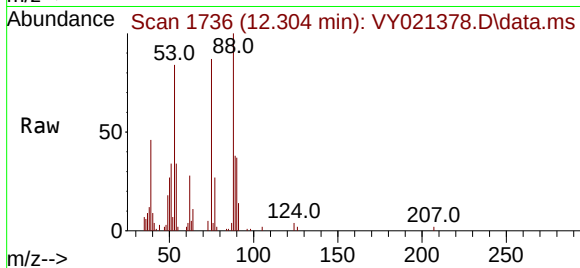




#81
trans-1,4-Dichloro-2-butene
Concen: 19.510 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

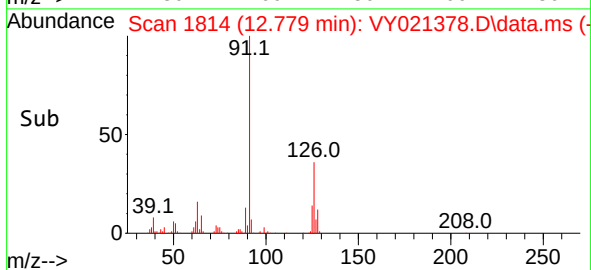
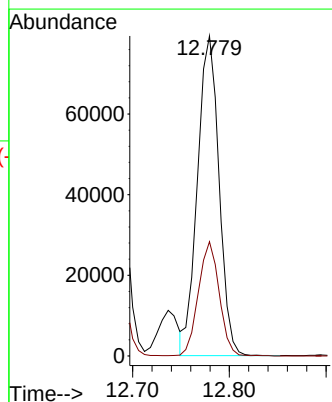
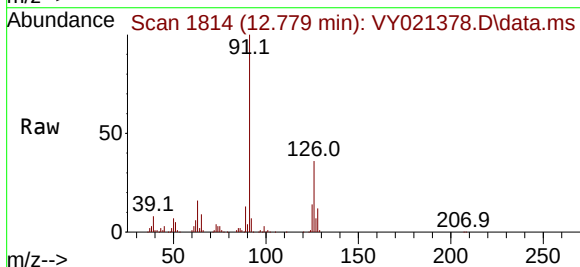
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

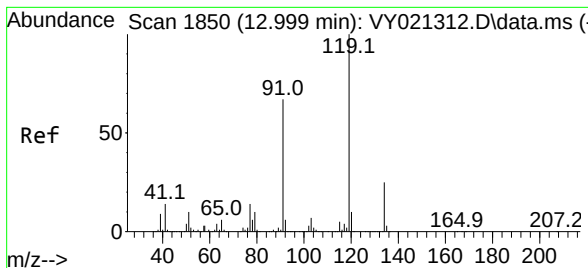
Tgt Ion: 75 Resp: 9992
Ion Ratio Lower Upper
75 100
53 103.2 79.1 118.7
89 44.5 35.6 53.4



#82
4-Chlorotoluene
Concen: 19.890 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 91 Resp: 122762
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.4





#83

tert-Butylbenzene

Concen: 19.956 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

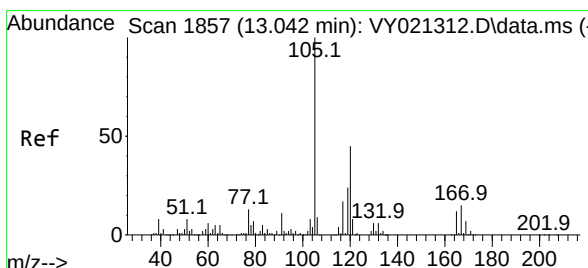
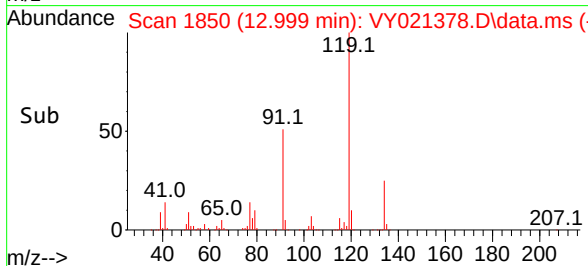
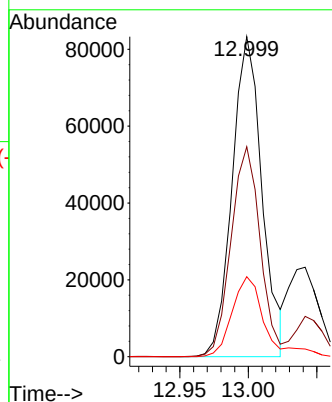
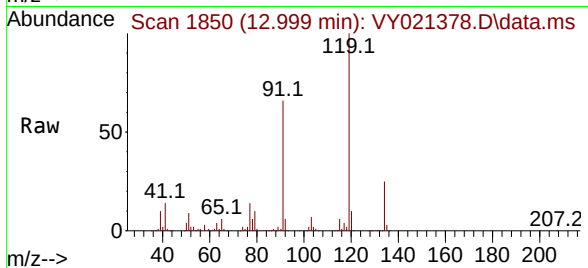
Tgt Ion:119 Resp: 126402

Ion Ratio Lower Upper

119 100

91 64.1 32.7 98.1

134 27.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.343 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY021378.D

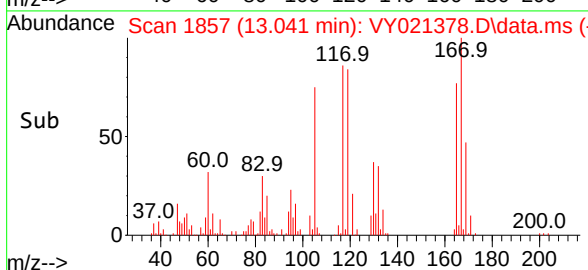
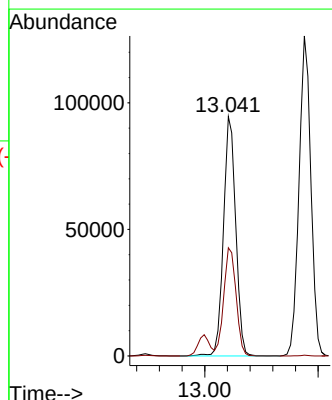
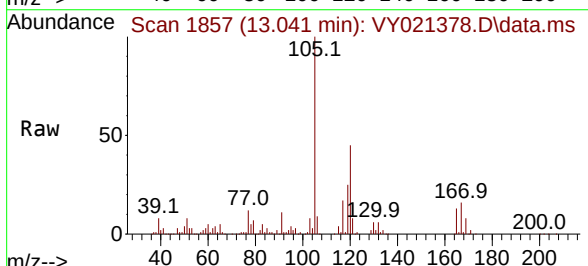
Acq: 28 Feb 2025 11:55

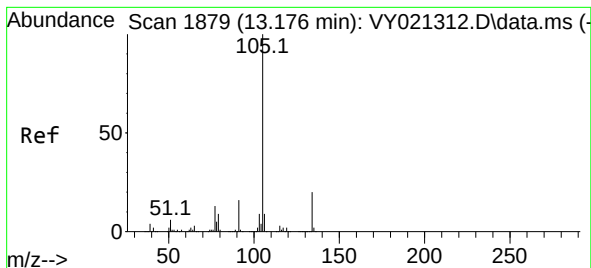
Tgt Ion:105 Resp: 141872

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.797 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

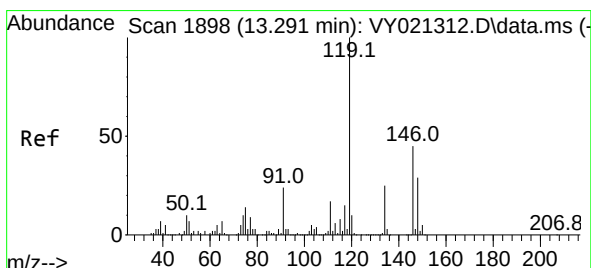
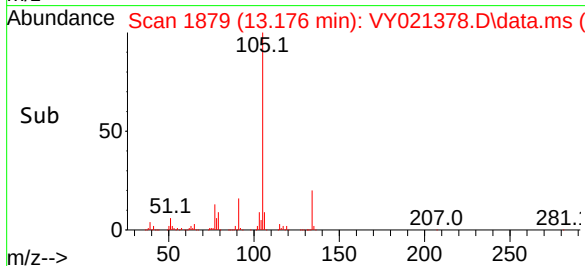
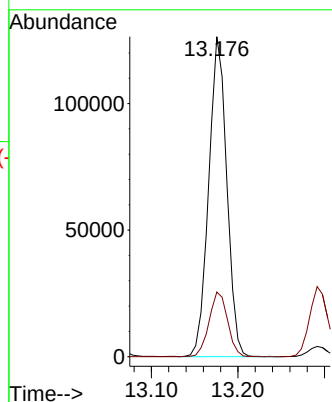
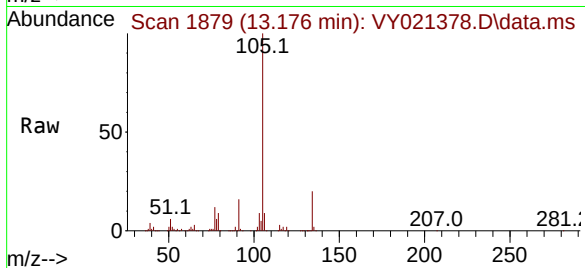
VY0228SBS01

Tgt Ion:105 Resp: 183161

Ion Ratio Lower Upper

105 100

134 20.7 10.0 30.0



#86

p-Isopropyltoluene

Concen: 20.188 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

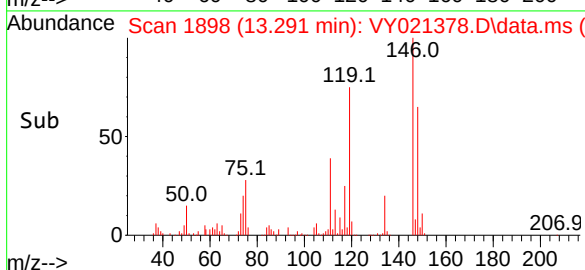
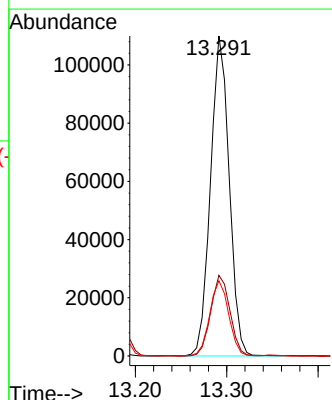
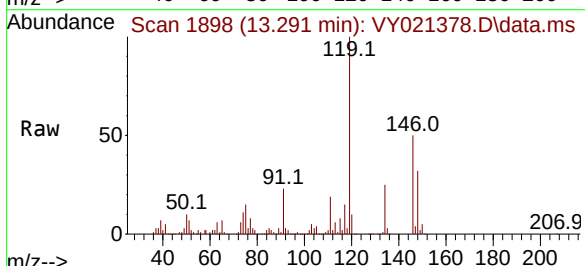
Tgt Ion:119 Resp: 155959

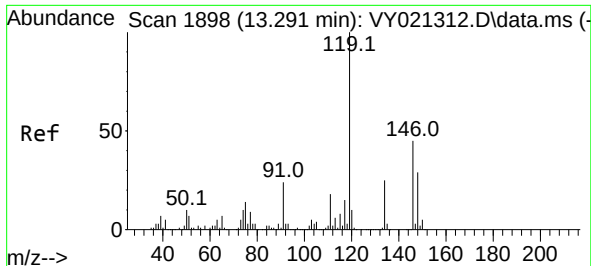
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 23.9 12.0 36.1

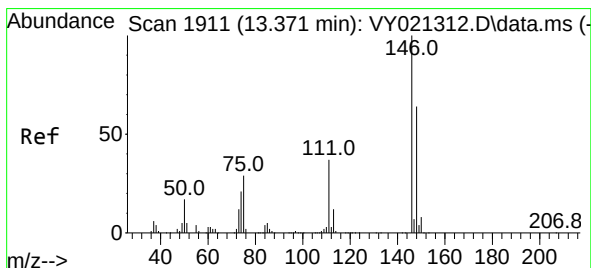
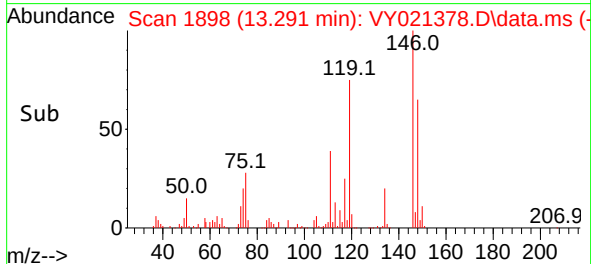
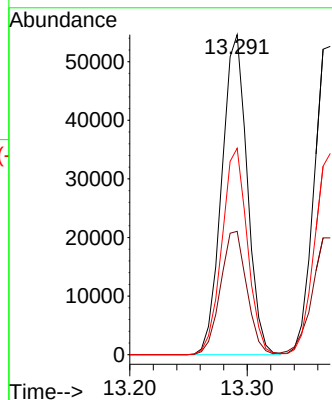
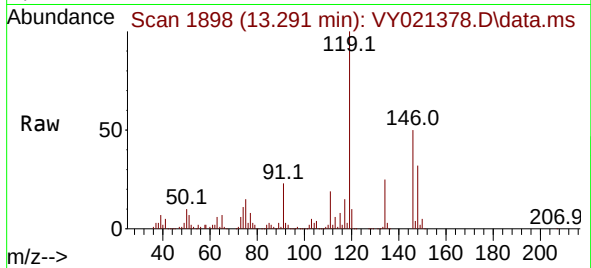




#87
1,3-Dichlorobenzene
Concen: 20.873 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

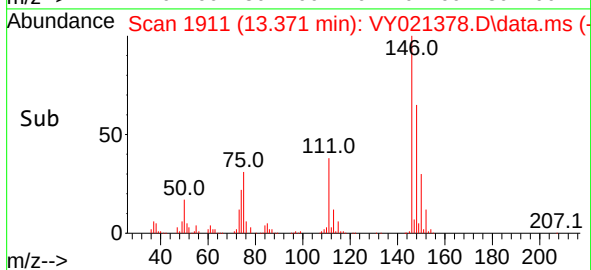
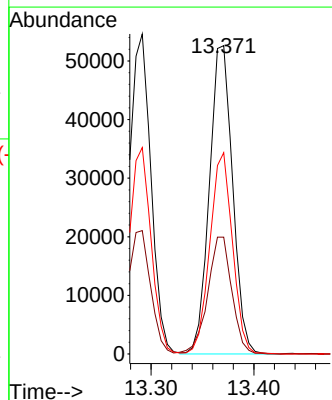
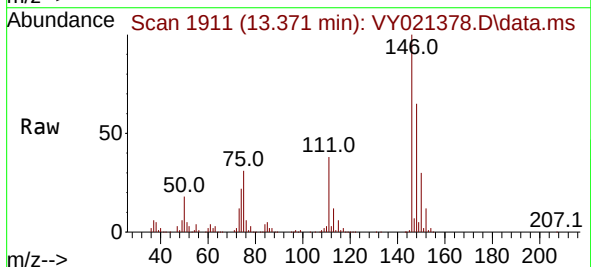
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

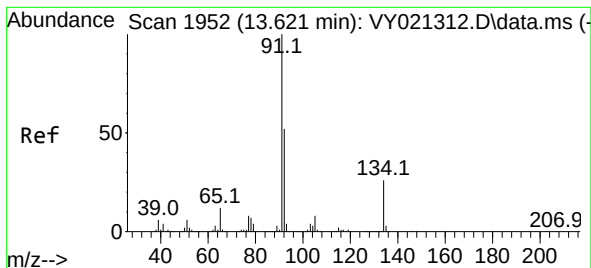
Tgt Ion:146 Resp: 82109
Ion Ratio Lower Upper
146 100
111 39.9 20.0 59.9
148 64.7 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 21.267 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion:146 Resp: 82645
Ion Ratio Lower Upper
146 100
111 39.4 19.5 58.5
148 63.7 32.0 96.2





#89

n-Butylbenzene

Concen: 19.267 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBS01

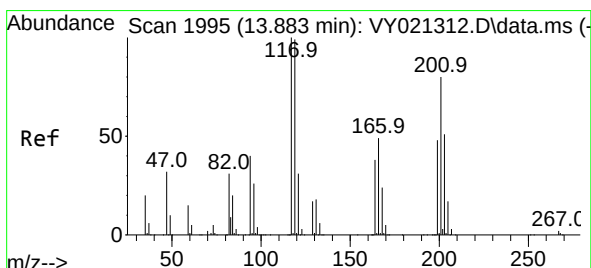
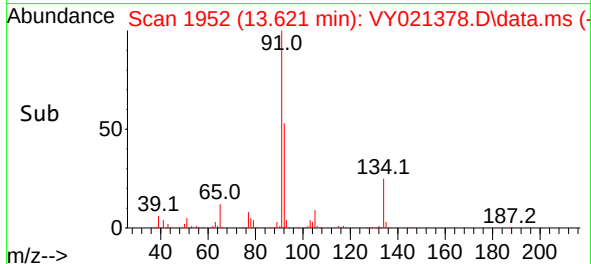
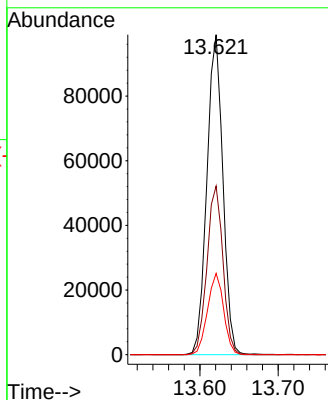
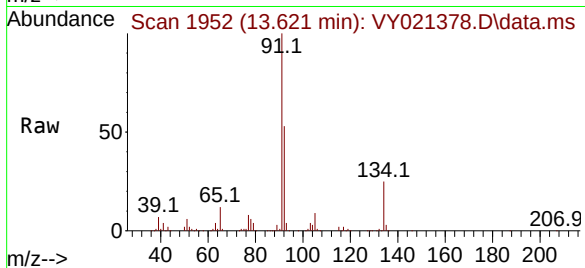
Tgt Ion: 91 Resp: 140075

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

134 25.6 12.7 38.0



#90

Hexachloroethane

Concen: 19.583 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY021378.D

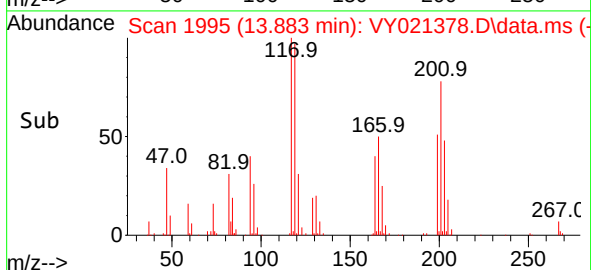
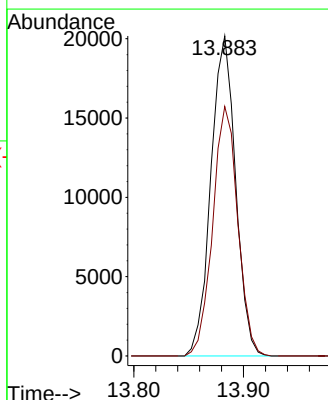
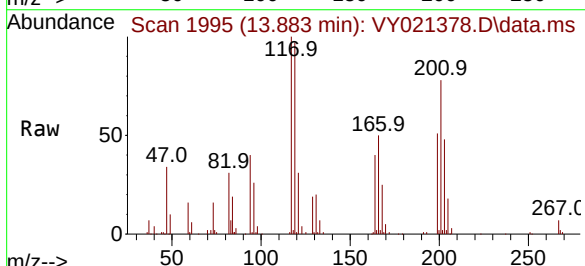
Acq: 28 Feb 2025 11:55

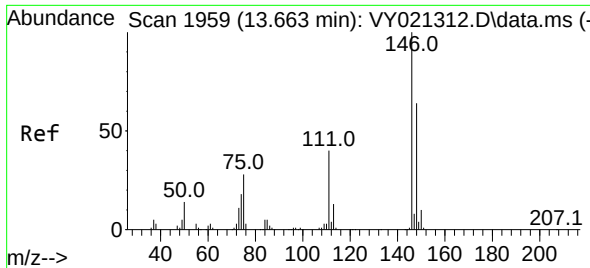
Tgt Ion: 117 Resp: 31602

Ion Ratio Lower Upper

117 100

201 78.8 38.4 115.2

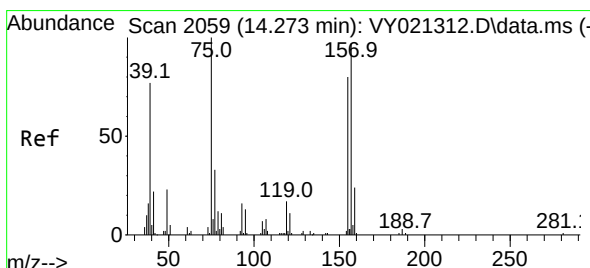
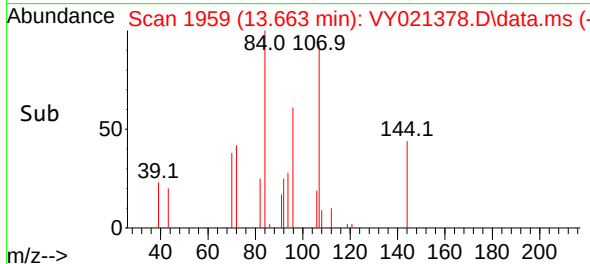
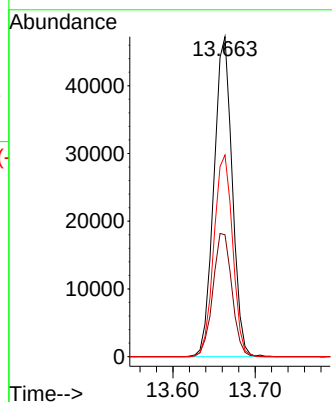
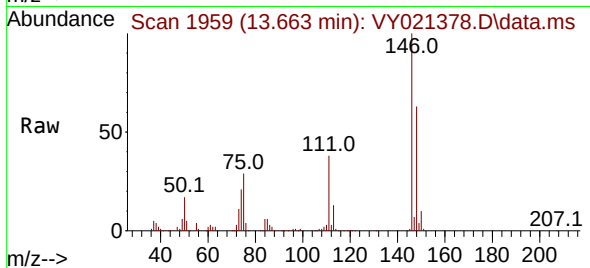




#91
1,2-Dichlorobenzene
Concen: 21.228 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

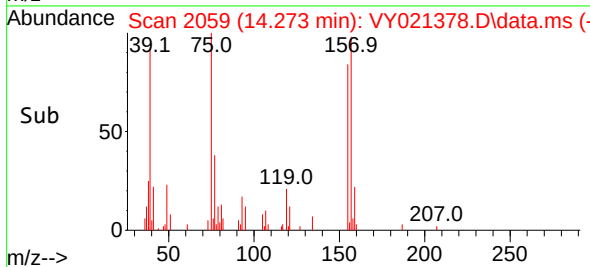
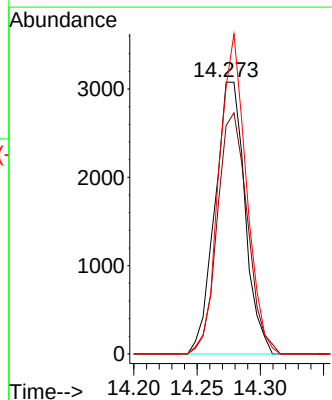
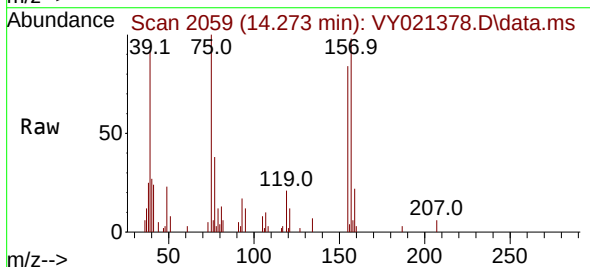
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

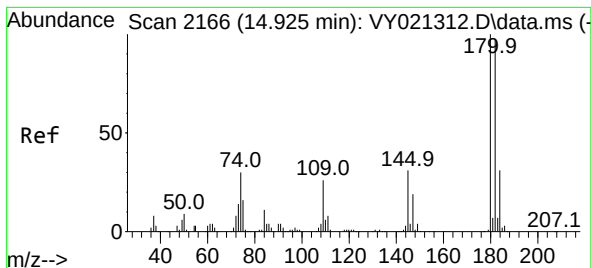
Tgt Ion:146 Resp: 73160
Ion Ratio Lower Upper
146 100
111 40.0 20.7 62.1
148 64.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.262 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion: 75 Resp: 5075
Ion Ratio Lower Upper
75 100
155 88.9 41.9 125.6
157 107.0 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 20.352 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBSD01

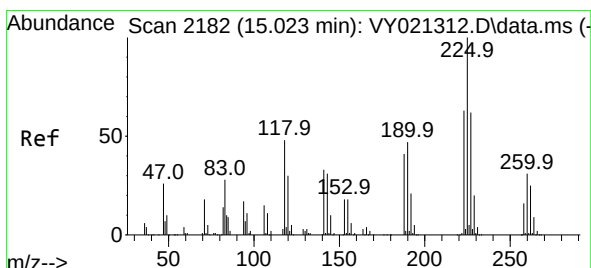
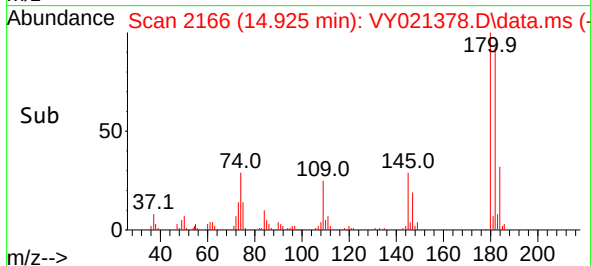
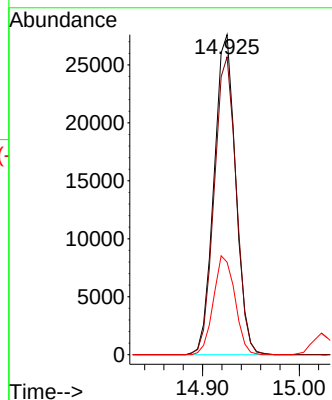
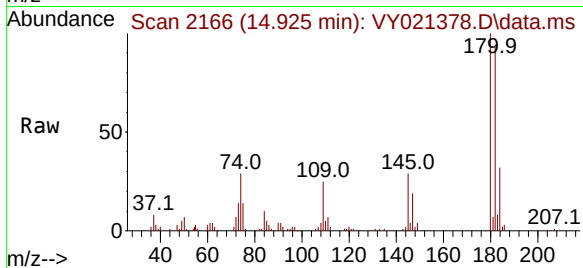
Tgt Ion:180 Resp: 42809

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.7

145 30.6 15.6 46.8



#94

Hexachlorobutadiene

Concen: 20.271 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY021378.D

Acq: 28 Feb 2025 11:55

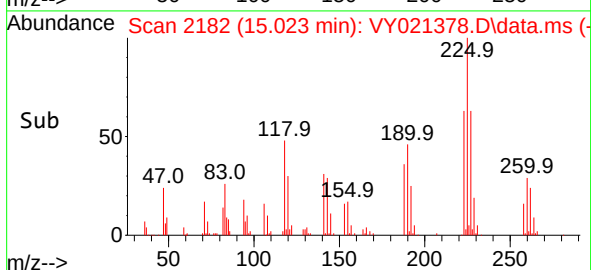
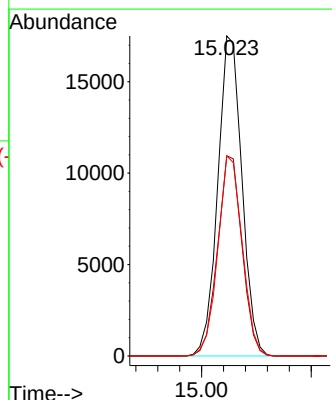
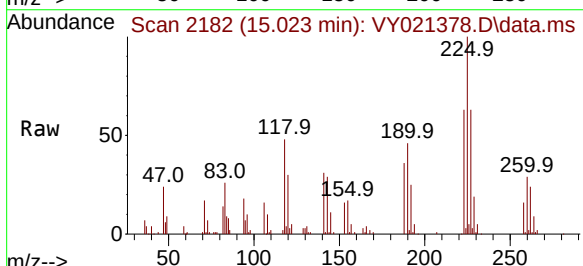
Tgt Ion:225 Resp: 26844

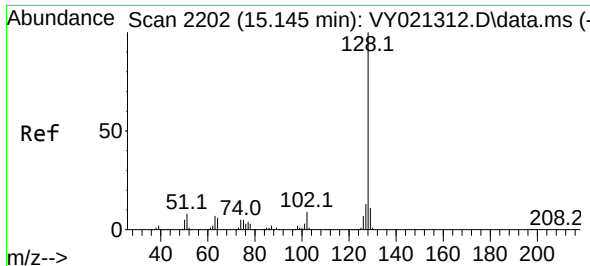
Ion Ratio Lower Upper

225 100

223 63.1 31.8 95.4

227 63.1 31.9 95.7

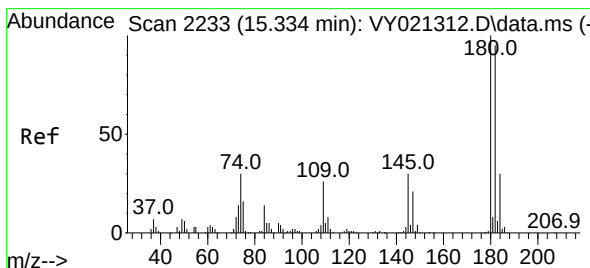
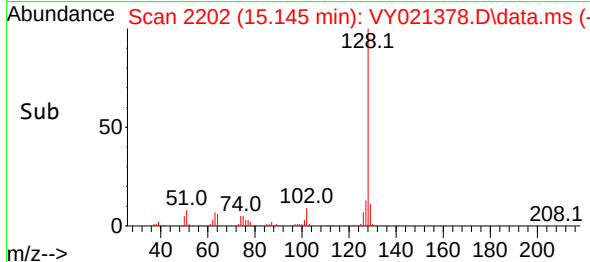
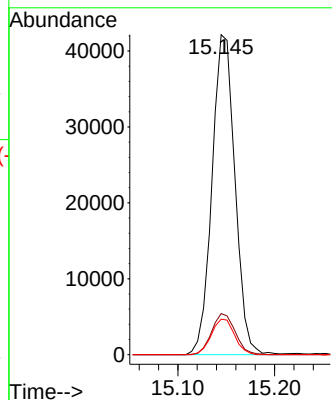
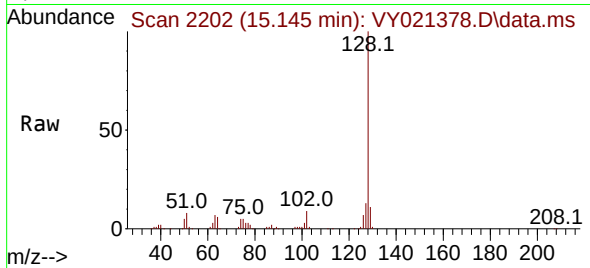




#95
Naphthalene
Concen: 19.975 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBSD01

Tgt Ion:128	Resp:	69596
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.5 15.7
129	11.2	8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 20.968 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021378.D
Acq: 28 Feb 2025 11:55

Tgt Ion:180	Resp:	37265
Ion Ratio	Lower	Upper
180	100	
182	95.0	48.3 144.9
145	31.8	16.1 48.3

