

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017815.D
 Acq On : 02 Apr 2024 10:19
 Operator : SY/MD
 Sample : VY0402SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

Quant Time: Apr 03 02:02:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	248248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	383844	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	321097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	142225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105204	48.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.940%
35) Dibromofluoromethane	7.728	113	111989	50.491	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.191	98	418864	50.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.489	95	121169	48.068	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.140%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	30221	18.203	ug/l	98
3) Chloromethane	2.119	50	51975	16.040	ug/l	98
4) Vinyl Chloride	2.259	62	70874	16.737	ug/l	99
5) Bromomethane	2.656	94	58383	17.051	ug/l	99
6) Chloroethane	2.802	64	47462	17.178	ug/l	97
7) Trichlorofluoromethane	3.131	101	71896	17.410	ug/l	92
8) Diethyl Ether	3.540	74	20736	17.094	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.912	101	45792	18.490	ug/l	99
10) Methyl Iodide	4.101	142	42747	15.872	ug/l	99
11) Tert butyl alcohol	4.966	59	17042	90.235	ug/l	98
12) 1,1-Dichloroethene	3.881	96	38990	16.824	ug/l	95
13) Acrolein	3.735	56	14781	98.212	ug/l	96
14) Allyl chloride	4.497	41	48282	16.982	ug/l	98
15) Acrylonitrile	5.180	53	42774	83.535	ug/l	98
16) Acetone	3.960	43	35027	78.882	ug/l	90
17) Carbon Disulfide	4.204	76	96241	14.675	ug/l	100
18) Methyl Acetate	4.497	43	17079	17.365	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	87689	16.526	ug/l	100
20) Methylene Chloride	4.729	84	46168	15.114	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	41685	16.809	ug/l	98
22) Diisopropyl ether	6.131	45	115485	17.574	ug/l	93
23) Vinyl Acetate	6.076	43	327607	81.652	ug/l	100
24) 1,1-Dichloroethane	6.033	63	77714	17.818	ug/l	97
25) 2-Butanone	6.996	43	50922	80.500	ug/l	92
26) 2,2-Dichloropropane	6.996	77	66084	17.542	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	50535	17.242	ug/l	97
28) Bromochloromethane	7.350	49	33339	18.796	ug/l	93
29) Tetrahydrofuran	7.362	42	31216	82.242	ug/l	97
30) Chloroform	7.521	83	80823	17.860	ug/l	97
31) Cyclohexane	7.801	56	62922	16.627	ug/l #	92
32) 1,1,1-Trichloroethane	7.716	97	68477	17.779	ug/l	96
36) 1,1-Dichloropropene	7.929	75	55759	17.229	ug/l	99
37) Ethyl Acetate	7.082	43	23822	17.057	ug/l	99
38) Carbon Tetrachloride	7.917	117	59801	17.800	ug/l	98
39) Methylcyclohexane	9.197	83	67661	16.738	ug/l	98
40) Benzene	8.173	78	176843	17.731	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	13117m	18.549	ug/l	
42) 1,2-Dichloroethane	8.246	62	43526	17.731	ug/l	98
43) Isopropyl Acetate	8.283	43	42931	16.939	ug/l	97
44) Trichloroethene	8.947	130	45781	17.643	ug/l	97
45) 1,2-Dichloropropane	9.228	63	41281	17.812	ug/l	99
46) Dibromomethane	9.313	93	22370	16.990	ug/l	99
47) Bromodichloromethane	9.508	83	60683	18.240	ug/l	99
48) Methyl methacrylate	9.301	41	19801	20.342	ug/l	96
49) 1,4-Dioxane	9.307	88	4970	336.241	ug/l #	91
51) 4-Methyl-2-Pentanone	10.081	43	113839	98.262	ug/l	98
52) Toluene	10.252	92	106224	17.559	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	49837	16.871	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	61080	16.942	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	30843	17.580	ug/l	98
56) Ethyl methacrylate	10.520	69	36163	18.841	ug/l	94
57) 1,3-Dichloropropane	10.795	76	51436	17.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	115413	114.593	ug/l	97
59) 2-Hexanone	10.837	43	76881	96.064	ug/l	98
60) Dibromochloromethane	10.996	129	37576	16.981	ug/l	100
61) 1,2-Dibromoethane	11.093	107	27352	17.097	ug/l	97
64) Tetrachloroethene	10.727	164	50552	18.050	ug/l	97
65) Chlorobenzene	11.526	112	117089	17.776	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	39025	17.449	ug/l	99
67) Ethyl Benzene	11.599	91	196336	17.339	ug/l	98
68) m/p-Xylenes	11.709	106	149719	34.865	ug/l	98
69) o-Xylene	12.038	106	67532	20.213	ug/l	97
70) Styrene	12.050	104	114682	20.194	ug/l	100
71) Bromoform	12.215	173	21166	17.073	ug/l #	97
73) Isopropylbenzene	12.337	105	177343	17.793	ug/l	99
74) N-amyl acetate	12.154	43	34807	20.536	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	30983	17.970	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	24418m	18.841	ug/l	
77) Bromobenzene	12.617	156	41347	17.418	ug/l	96
78) n-propylbenzene	12.678	91	227168	18.679	ug/l	99
79) 2-Chlorotoluene	12.764	91	121887	18.297	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	141540	18.196	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	10296	20.364	ug/l	97
82) 4-Chlorotoluene	12.861	91	125023	18.125	ug/l	100
83) tert-Butylbenzene	13.081	119	128598	18.184	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	139699	18.032	ug/l	99
85) sec-Butylbenzene	13.257	105	194921	18.364	ug/l	100
86) p-Isopropyltoluene	13.373	119	158420	17.856	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	82362	17.485	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	81808	18.145	ug/l	99
89) n-Butylbenzene	13.703	91	150806	18.475	ug/l	98
90) Hexachloroethane	13.965	117	33151	18.791	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	70711	18.110	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4071	17.473	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	36731	17.175	ug/l	99
94) Hexachlorobutadiene	15.117	225	24563	18.947	ug/l	99
95) Naphthalene	15.239	128	55981	18.723	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	31045	17.186	ug/l	99

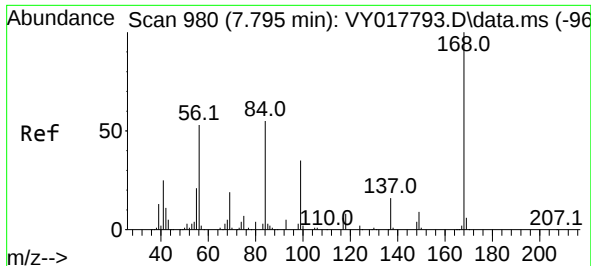
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
Data File : VY017815.D
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Sample : VY0402SBSD01
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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

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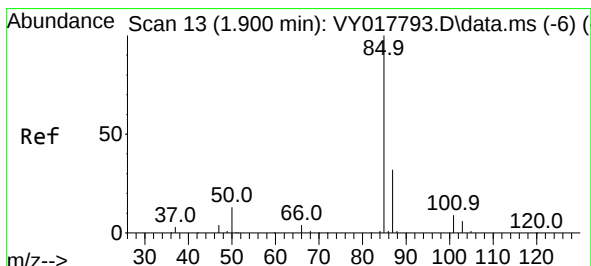
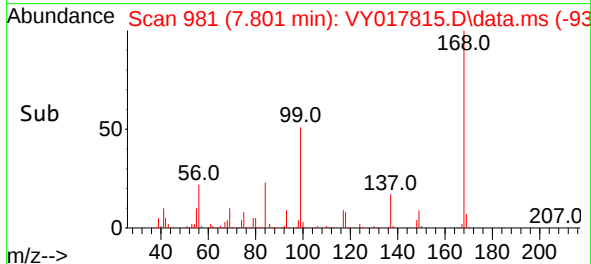
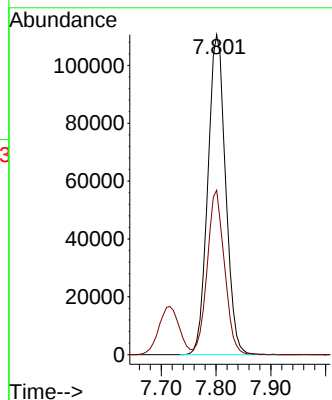
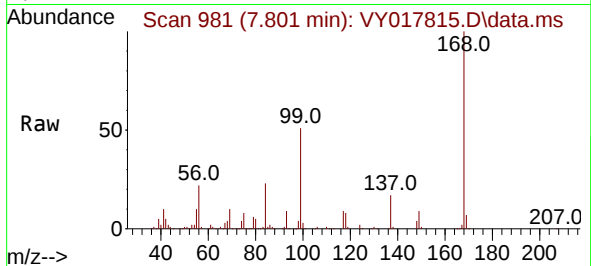
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

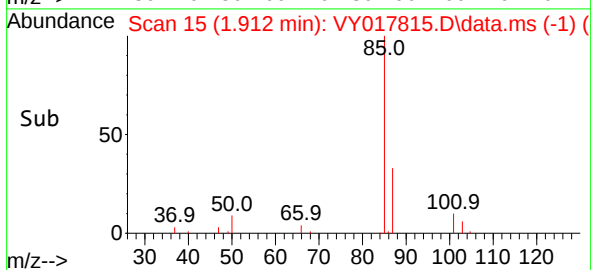
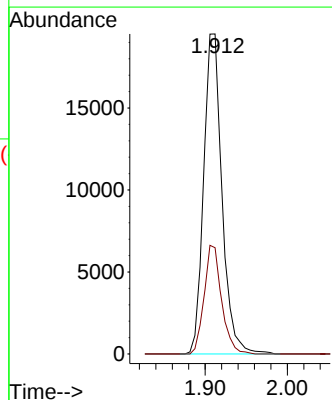
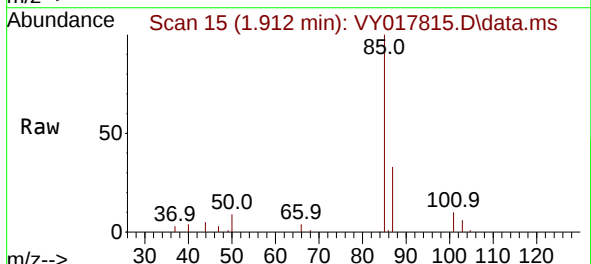
Instrument :
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ClientSampleId :
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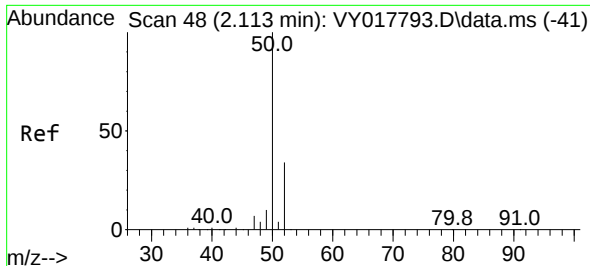
Tgt Ion:168 Resp: 248248
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 18.203 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 85 Resp: 30221
Ion Ratio Lower Upper
85 100
87 33.2 16.0 48.0

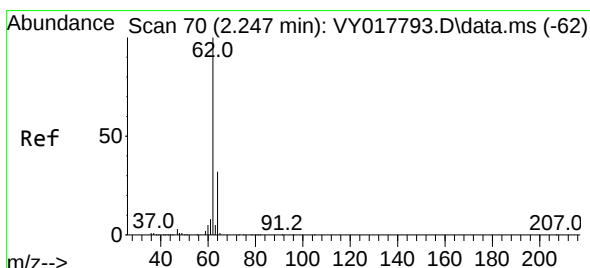
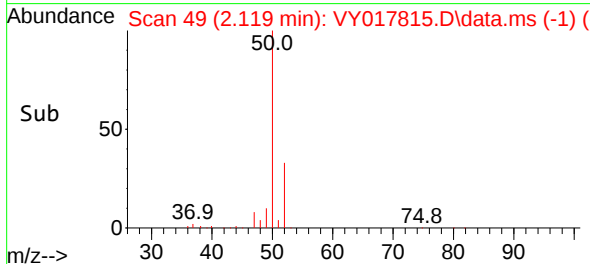
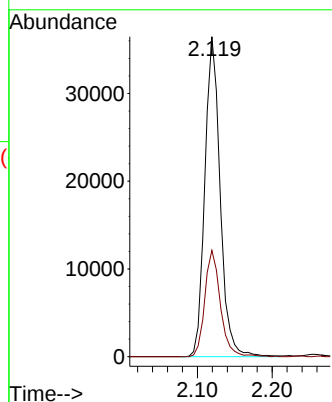
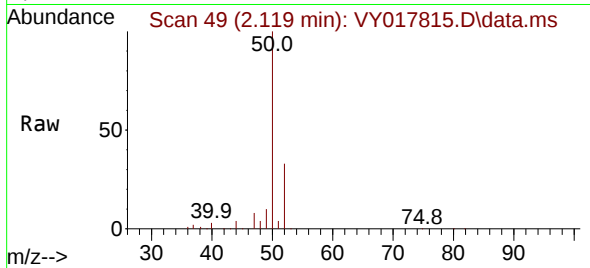




#3
Chloromethane
Concen: 16.040 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

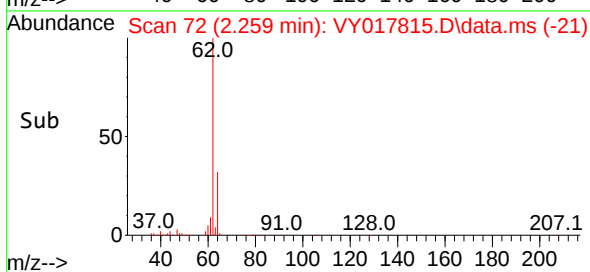
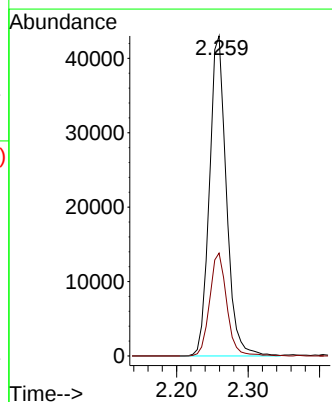
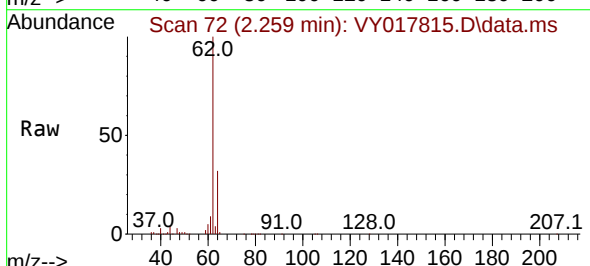
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

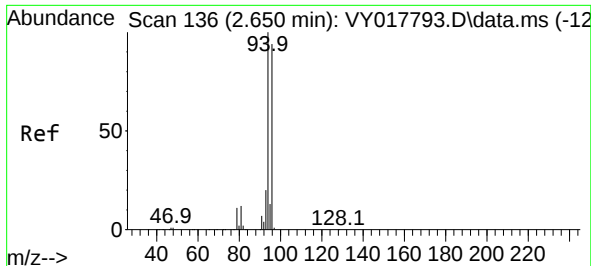
Tgt Ion: 50 Resp: 51975
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4



#4
Vinyl Chloride
Concen: 16.737 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.012 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 62 Resp: 70874
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

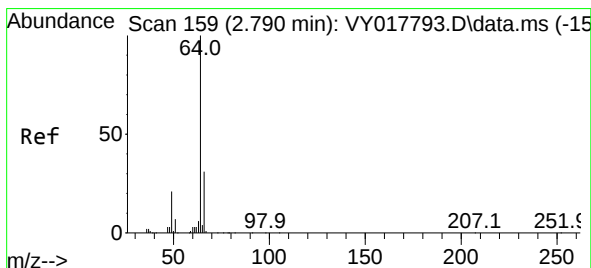
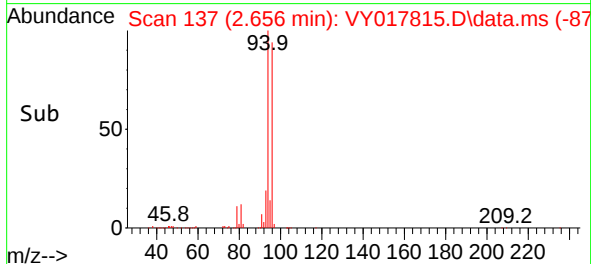
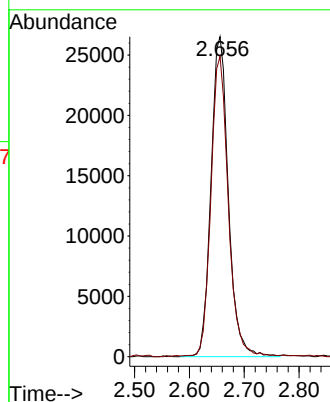
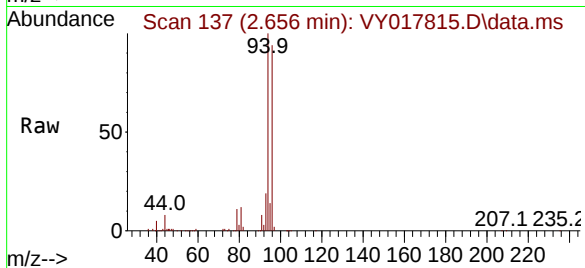




#5
Bromomethane
Concen: 17.051 ug/l
RT: 2.656 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

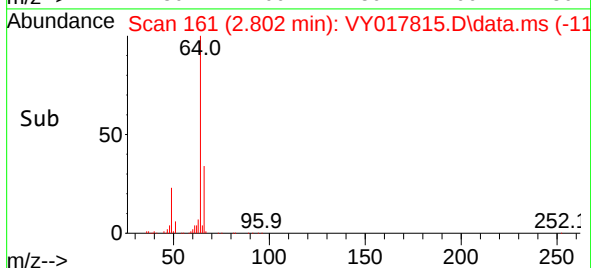
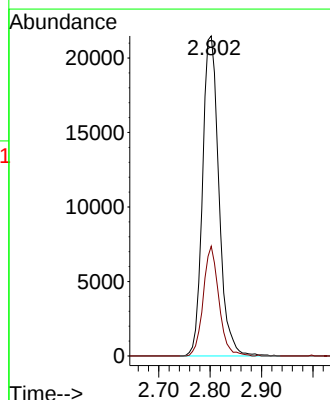
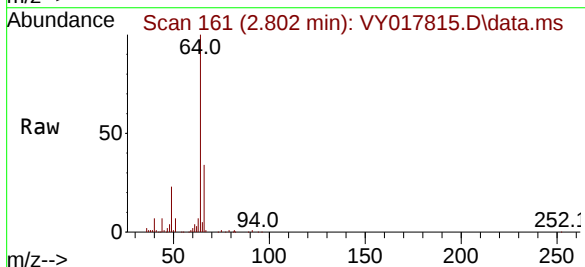
Instrument :
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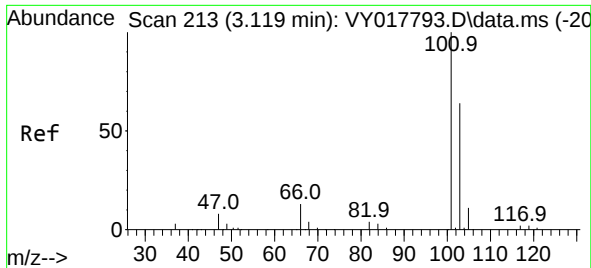
Tgt Ion: 94 Resp: 58383
Ion Ratio Lower Upper
94 100
96 93.5 74.1 111.1



#6
Chloroethane
Concen: 17.178 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 64 Resp: 47462
Ion Ratio Lower Upper
64 100
66 34.3 26.1 39.1

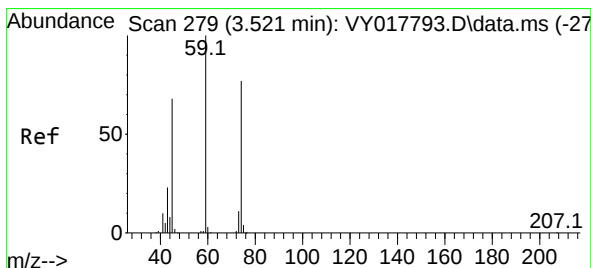
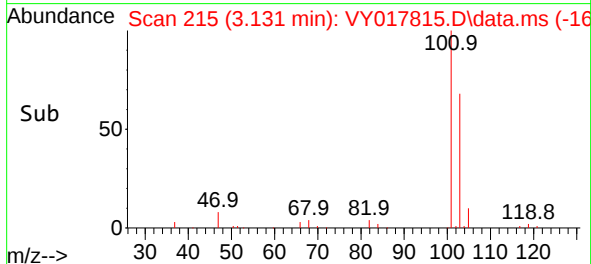
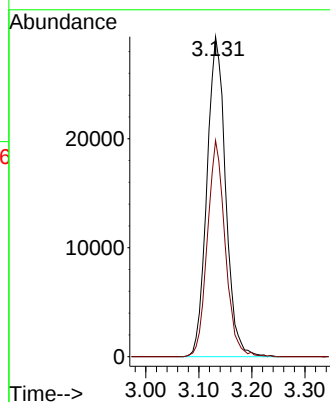
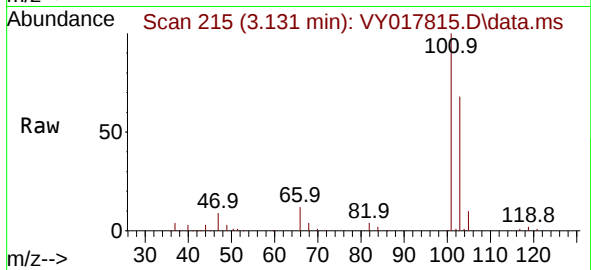




#7
 Trichlorofluoromethane
 Concen: 17.410 ug/l
 RT: 3.131 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: VY017815.D
 Acq: 02 Apr 2024 10:19

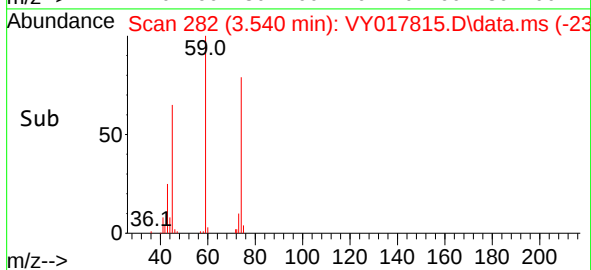
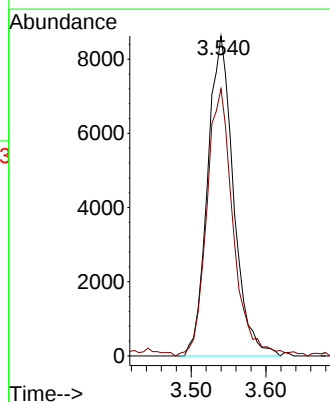
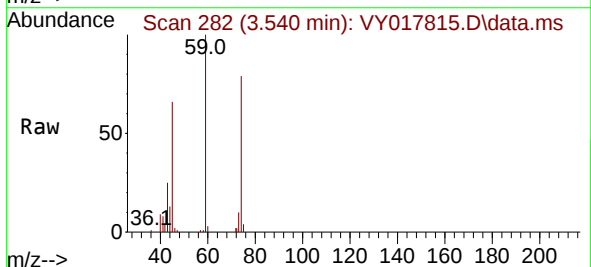
Instrument :
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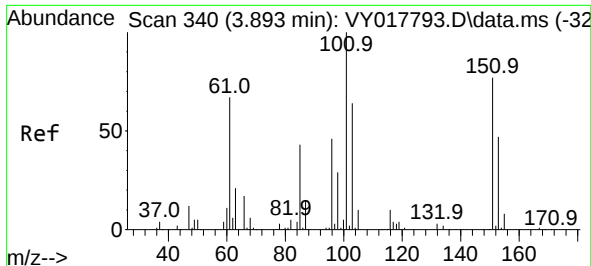
Tgt Ion:101 Resp: 71896
 Ion Ratio Lower Upper
 101 100
 103 67.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 17.094 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.018 min
 Lab File: VY017815.D
 Acq: 02 Apr 2024 10:19

Tgt Ion: 74 Resp: 20736
 Ion Ratio Lower Upper
 74 100
 45 85.7 41.3 124.1

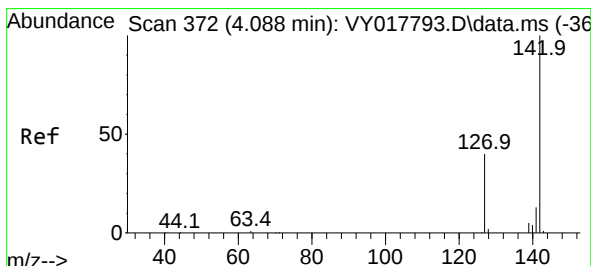
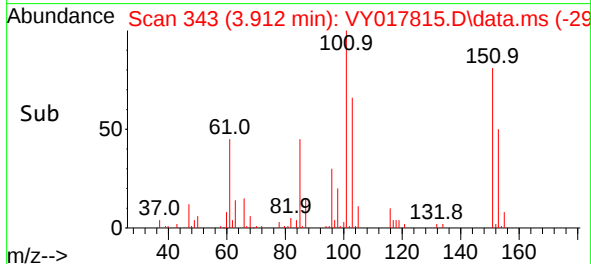
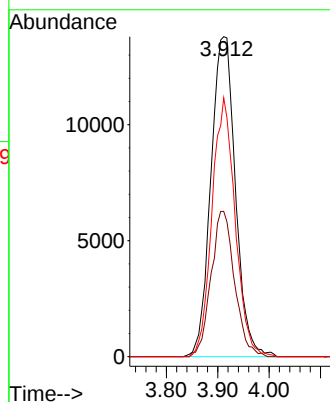
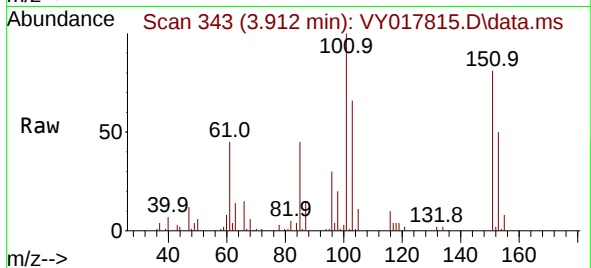




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.490 ug/l
 RT: 3.912 min Scan# 34
 Delta R.T. 0.018 min
 Lab File: VY017815.D
 Acq: 02 Apr 2024 10:19

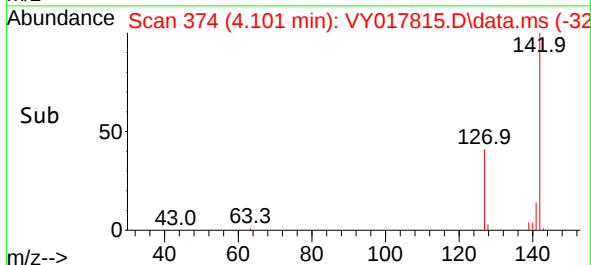
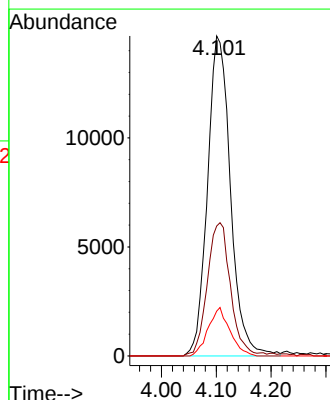
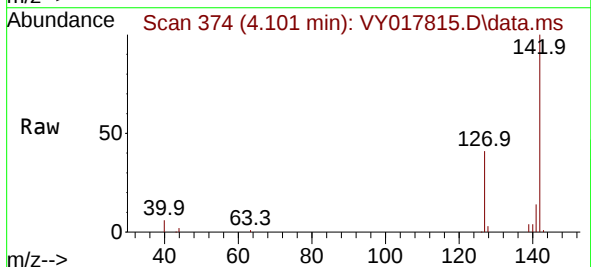
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

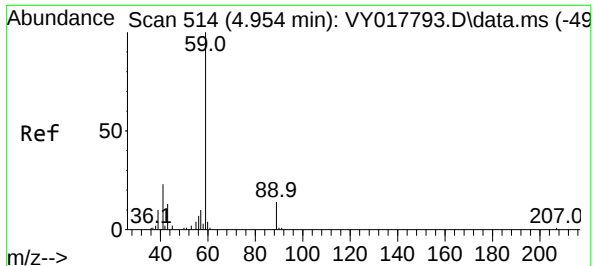
Tgt Ion:101 Resp: 45792
 Ion Ratio Lower Upper
 101 100
 85 43.5 34.5 51.7
 151 76.1 61.7 92.5



#10
 Methyl Iodide
 Concen: 15.872 ug/l
 RT: 4.101 min Scan# 374
 Delta R.T. 0.013 min
 Lab File: VY017815.D
 Acq: 02 Apr 2024 10:19

Tgt Ion:142 Resp: 42747
 Ion Ratio Lower Upper
 142 100
 127 41.9 32.8 49.2
 141 14.3 11.4 17.2

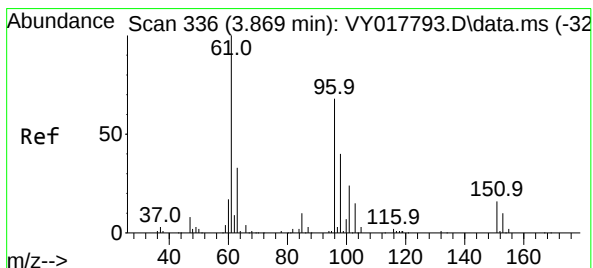
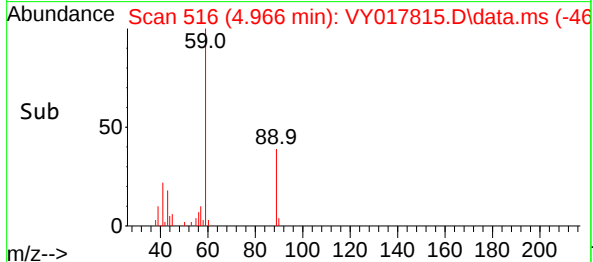
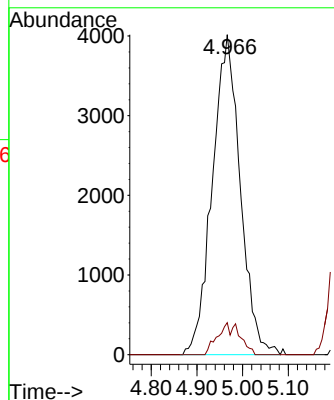
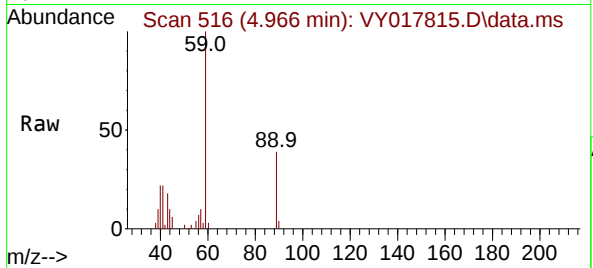




#11
Tert butyl alcohol
Concen: 90.235 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

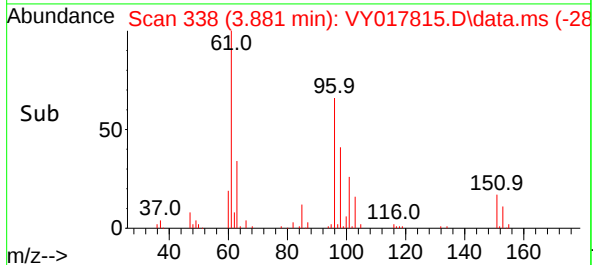
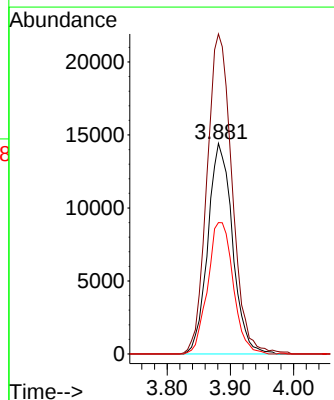
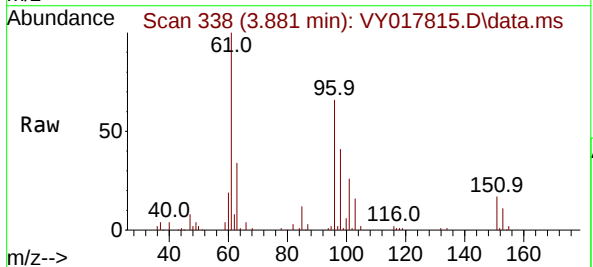
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

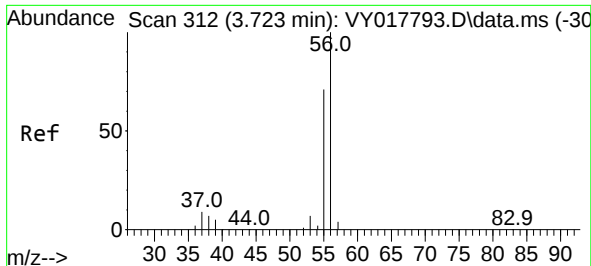
Tgt Ion: 59 Resp: 17042
Ion Ratio Lower Upper
59 100
57 4.5 3.0 4.6



#12
1,1-Dichloroethene
Concen: 16.824 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 96 Resp: 38990
Ion Ratio Lower Upper
96 100
61 152.0 114.6 171.8
98 62.4 50.8 76.2





#13

Acrolein

Concen: 98.212 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

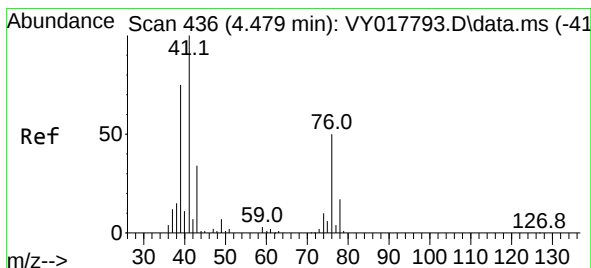
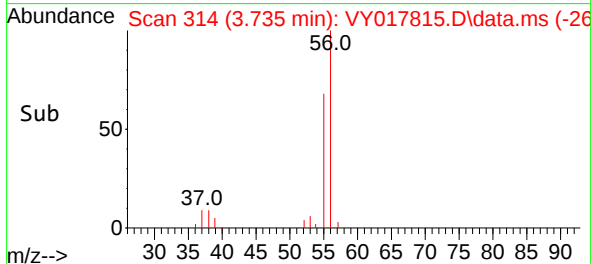
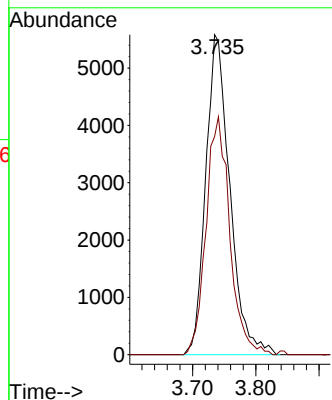
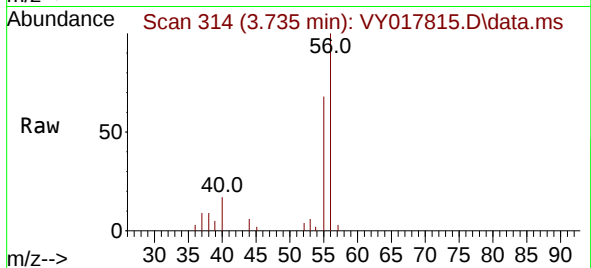
VY0402SBS01

Tgt Ion: 56 Resp: 14781

Ion Ratio Lower Upper

56 100

55 73.2 55.7 83.5



#14

Allyl chloride

Concen: 16.982 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.018 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

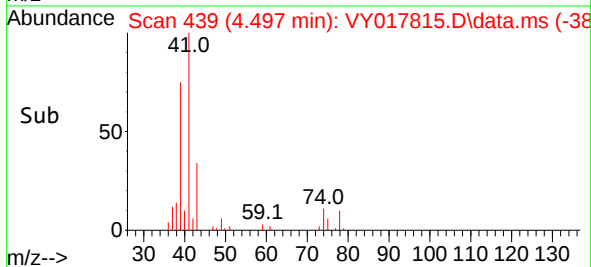
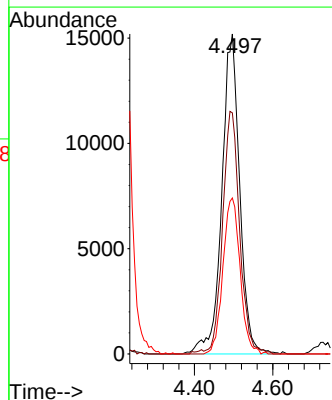
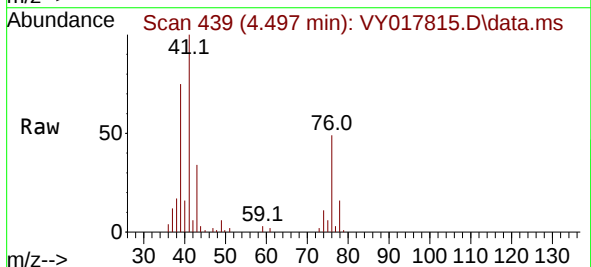
Tgt Ion: 41 Resp: 48282

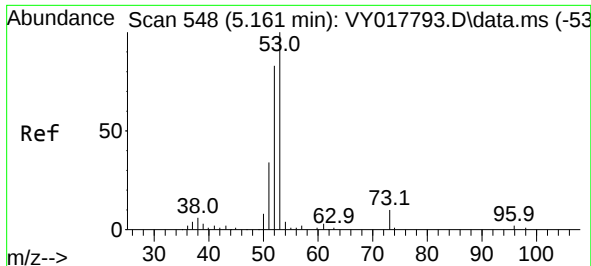
Ion Ratio Lower Upper

41 100

39 72.0 58.3 87.5

76 46.9 39.0 58.6

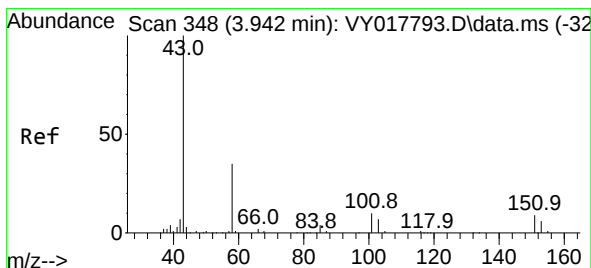
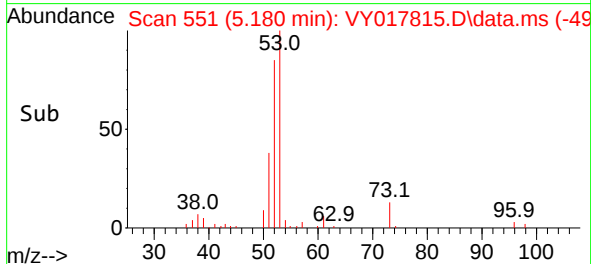
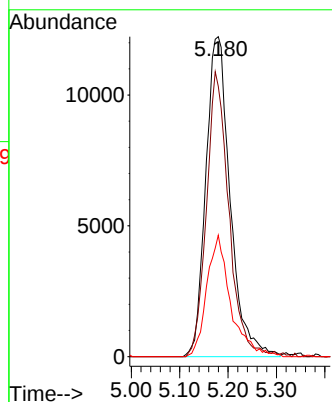
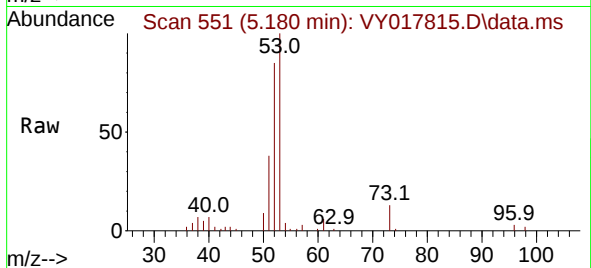




#15
Acrylonitrile
Concen: 83.535 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

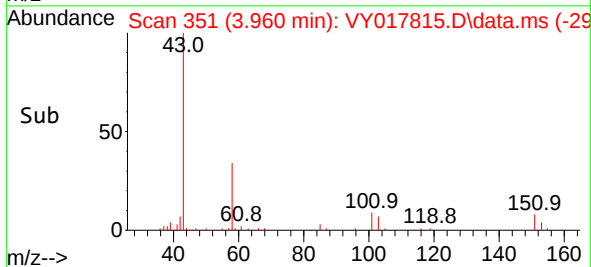
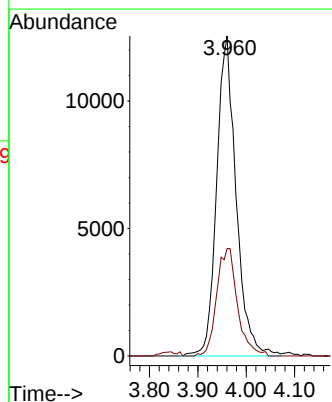
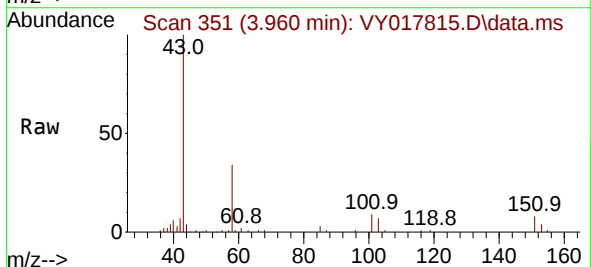
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

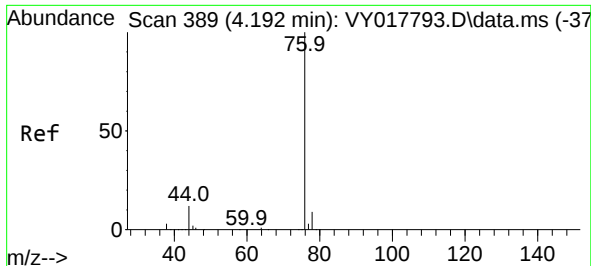
Tgt Ion: 53 Resp: 42774
Ion Ratio Lower Upper
53 100
52 82.0 64.7 97.1
51 37.2 28.4 42.6



#16
Acetone
Concen: 78.882 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 43 Resp: 35027
Ion Ratio Lower Upper
43 100
58 33.5 31.7 47.5





#17

Carbon Disulfide

Concen: 14.675 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.012 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

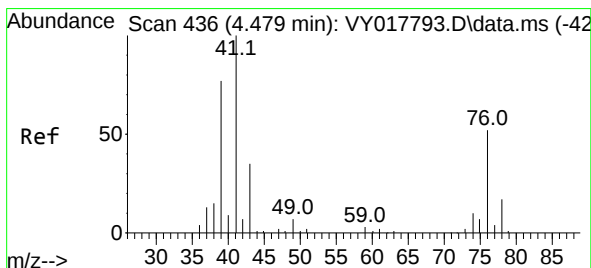
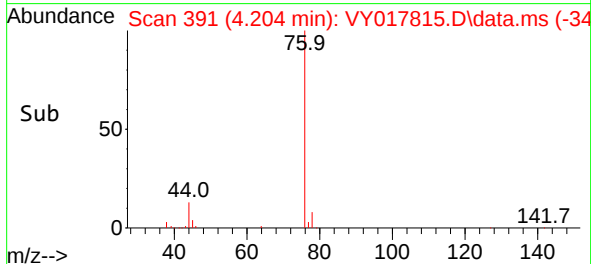
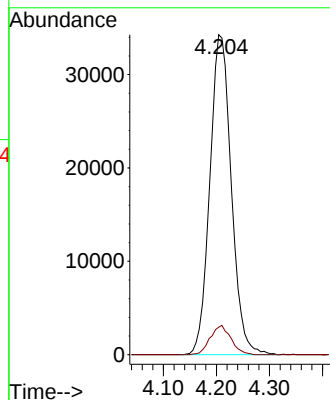
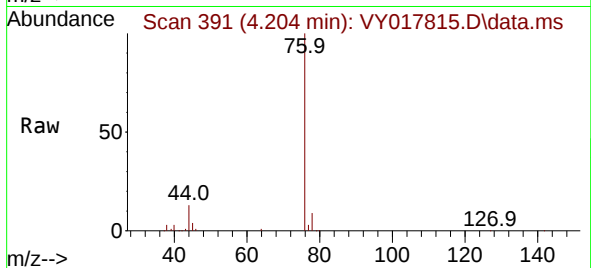
VY0402SBSD01

Tgt Ion: 76 Resp: 96241

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2



#18

Methyl Acetate

Concen: 17.365 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.018 min

Lab File: VY017815.D

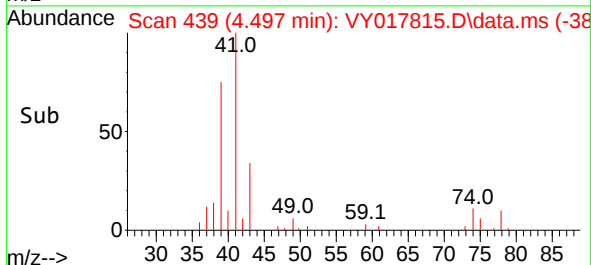
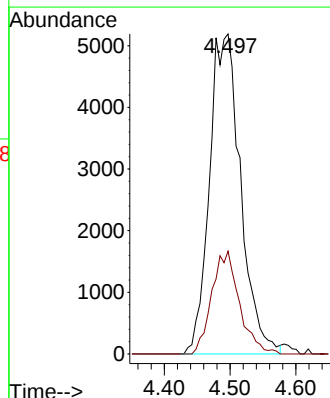
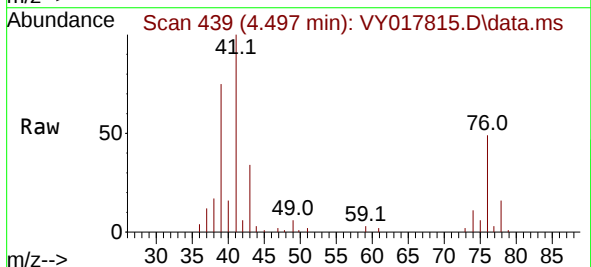
Acq: 02 Apr 2024 10:19

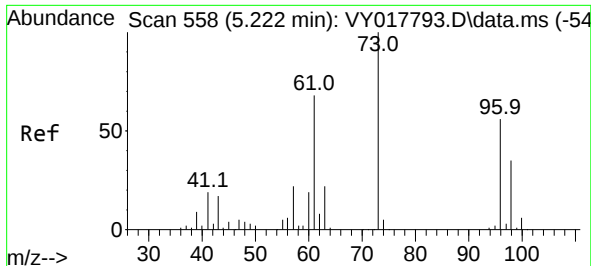
Tgt Ion: 43 Resp: 17079

Ion Ratio Lower Upper

43 100

74 28.5 23.3 34.9

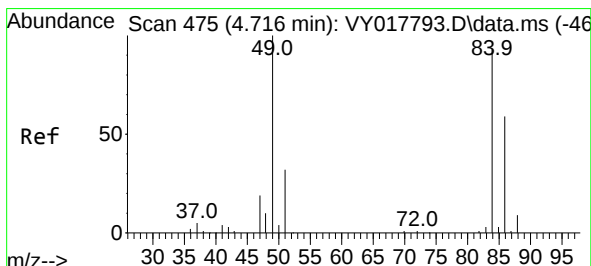
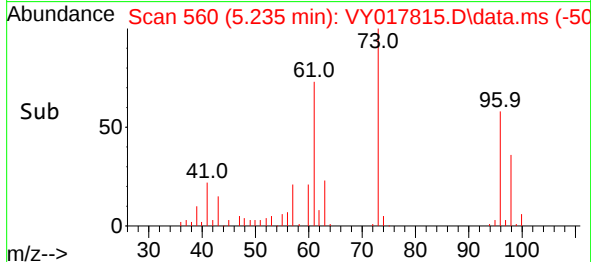
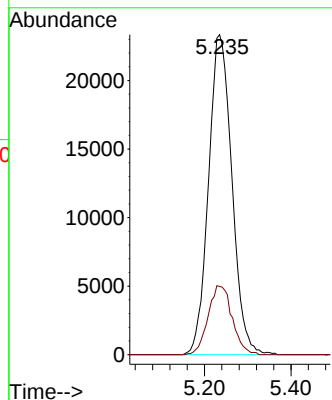
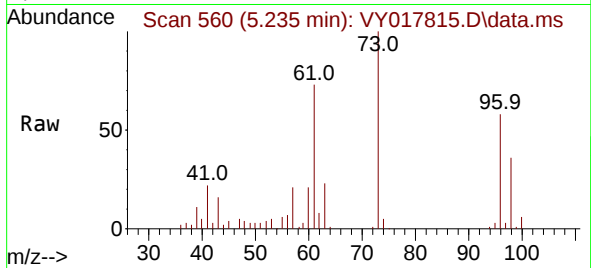




#19
Methyl tert-butyl Ether
Concen: 16.526 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

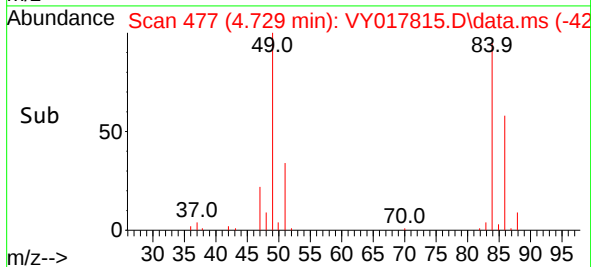
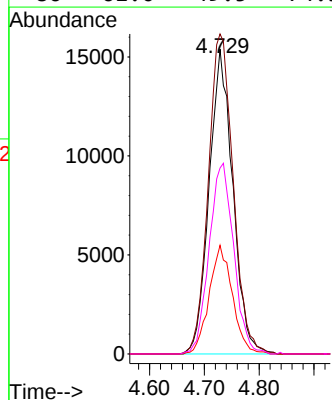
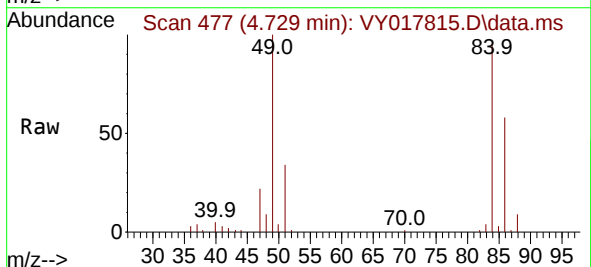
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

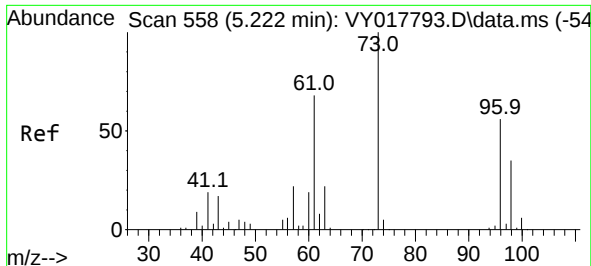
Tgt Ion: 73 Resp: 87689
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 15.114 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 84 Resp: 46168
Ion Ratio Lower Upper
84 100
49 105.0 84.4 126.6
51 35.7 26.0 39.0
86 61.0 49.5 74.3

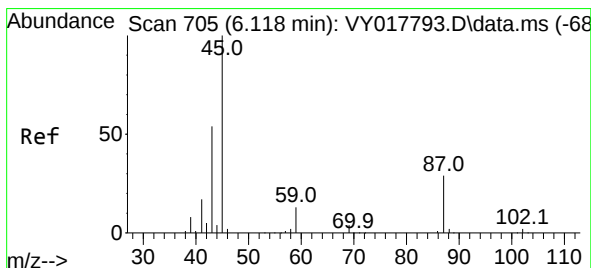
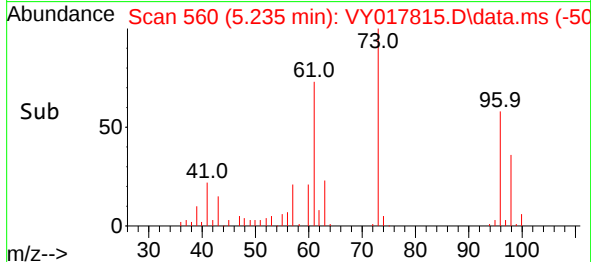
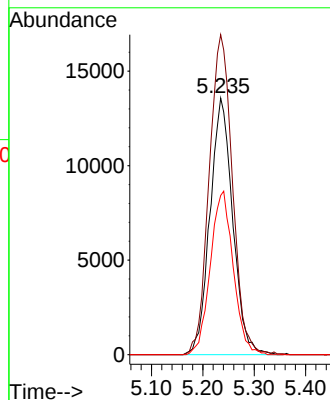
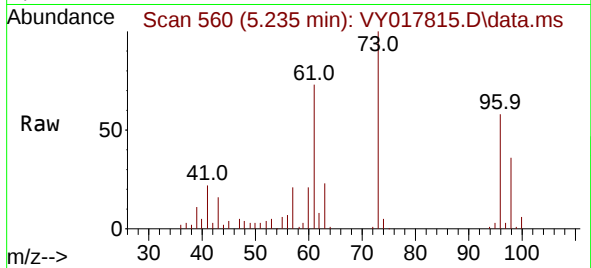




#21
trans-1,2-Dichloroethene
Concen: 16.809 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

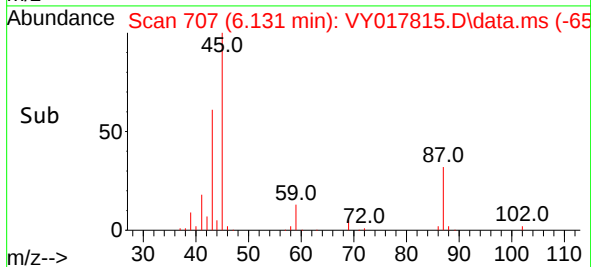
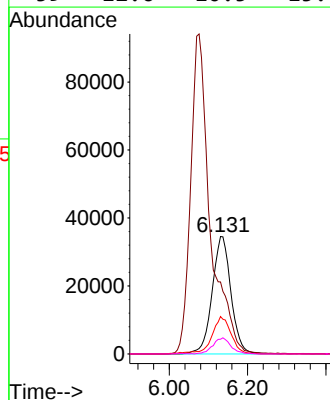
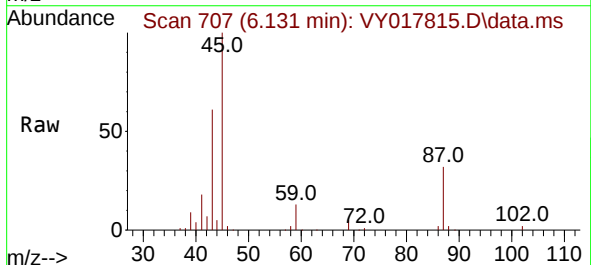
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

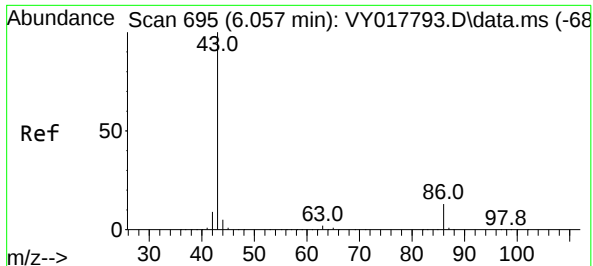
Tgt Ion: 96 Resp: 41685
Ion Ratio Lower Upper
96 100
61 124.7 97.5 146.3
98 62.1 50.5 75.7



#22
Diisopropyl ether
Concen: 17.574 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 45 Resp: 115485
Ion Ratio Lower Upper
45 100
43 60.8 42.2 63.2
87 31.9 25.0 37.6
59 12.6 10.5 15.7

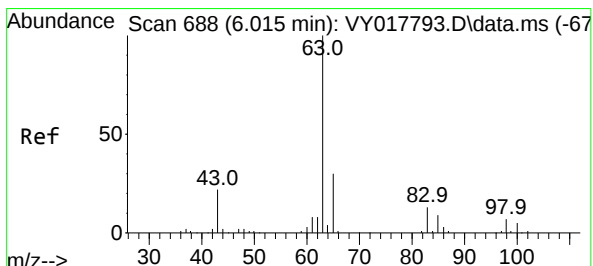
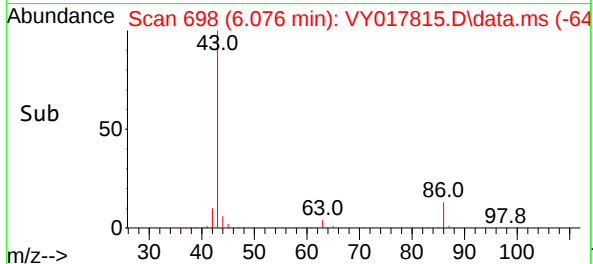
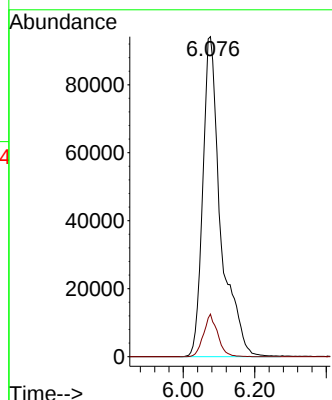
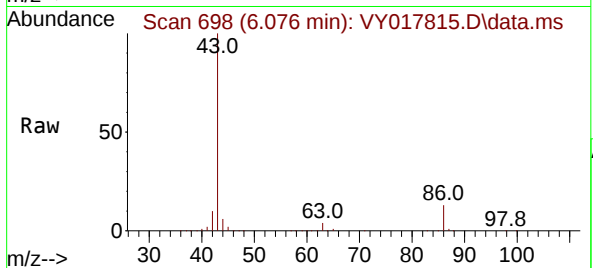




#23
 Vinyl Acetate
 Concen: 81.652 ug/l
 RT: 6.076 min Scan# 695
 Delta R.T. 0.018 min
 Lab File: VY017815.D
 Acq: 02 Apr 2024 10:19

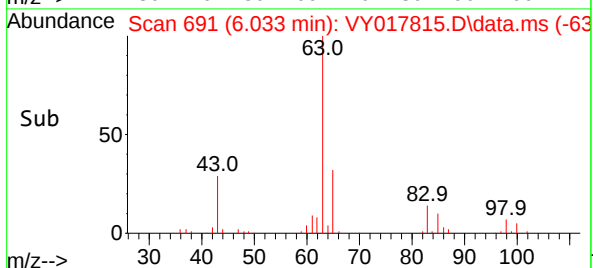
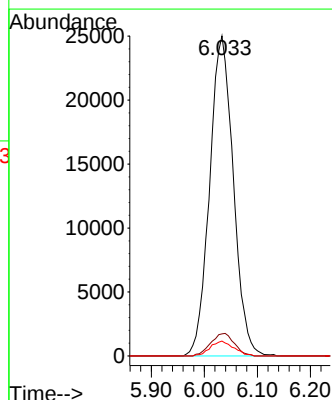
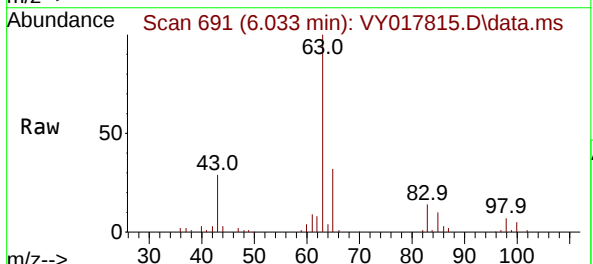
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

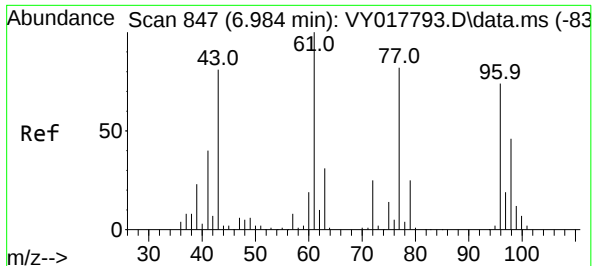
Tgt Ion: 43 Resp: 327607
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 17.818 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY017815.D
 Acq: 02 Apr 2024 10:19

Tgt Ion: 63 Resp: 77714
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 4.6 2.6 8.0





#25

2-Butanone

Concen: 80.500 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

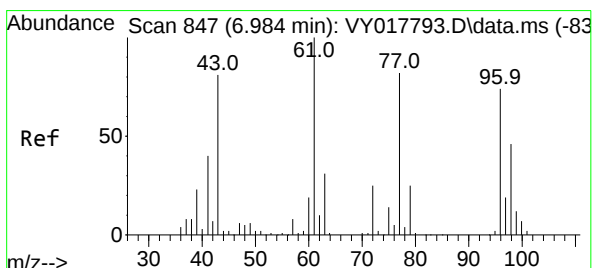
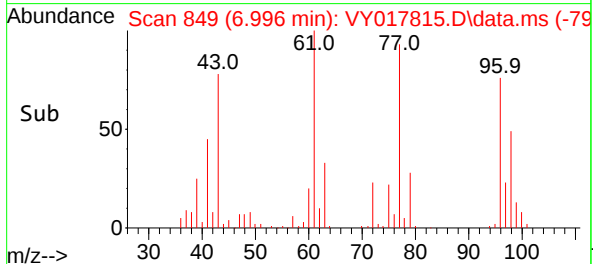
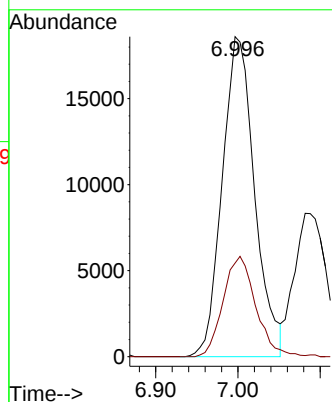
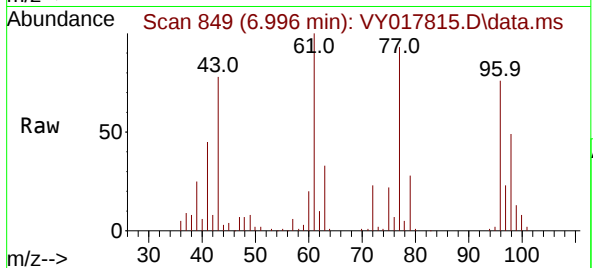
VY0402SBS01

Tgt Ion: 43 Resp: 50922

Ion Ratio Lower Upper

43 100

72 29.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 17.542 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY017815.D

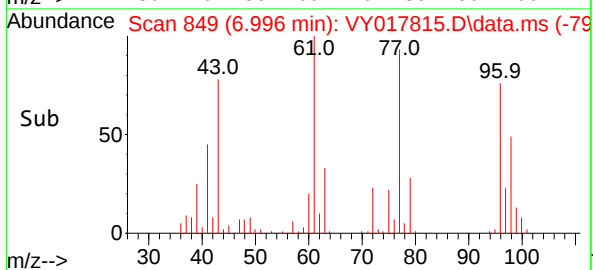
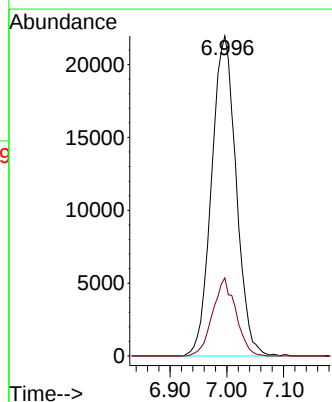
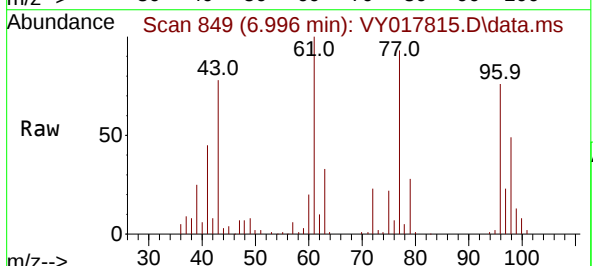
Acq: 02 Apr 2024 10:19

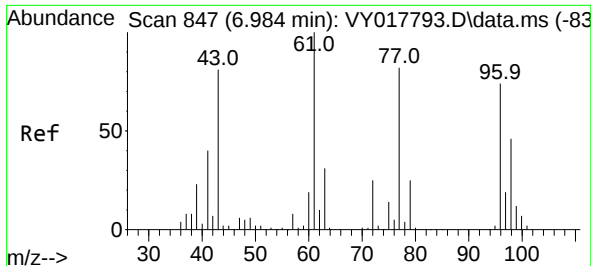
Tgt Ion: 77 Resp: 66084

Ion Ratio Lower Upper

77 100

97 23.0 12.0 36.1

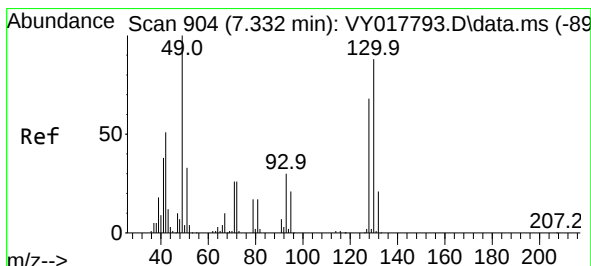
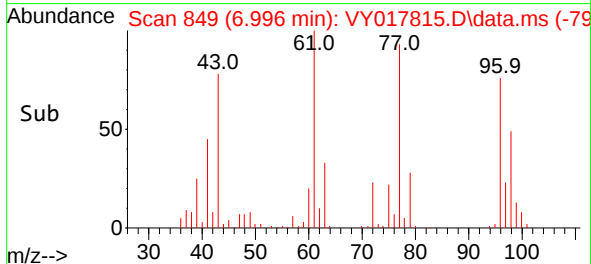
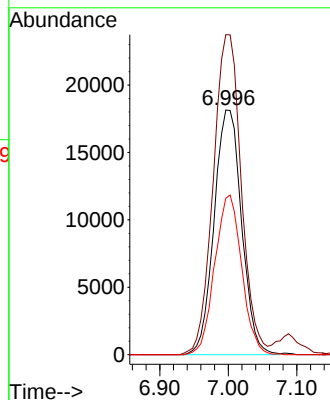
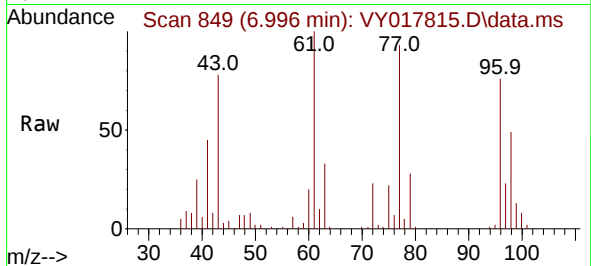




#27
 cis-1,2-Dichloroethene
 Concen: 17.242 ug/l
 RT: 6.996 min Scan# 847
 Delta R.T. 0.012 min
 Lab File: VY017815.D
 Acq: 02 Apr 2024 10:19

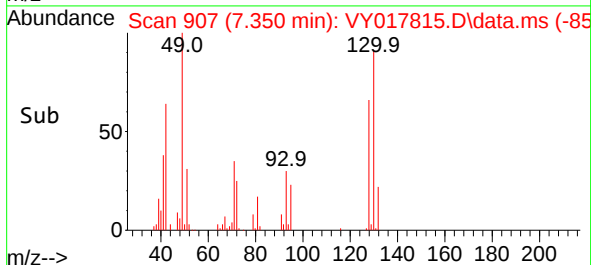
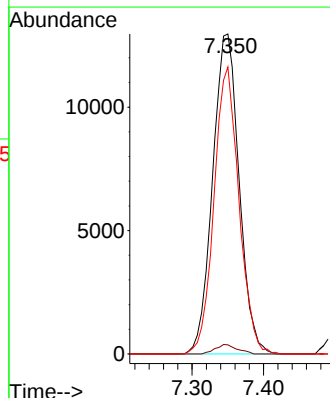
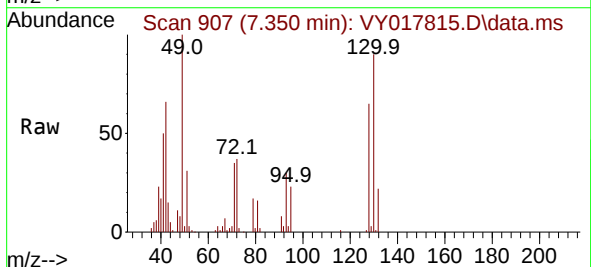
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBSD01

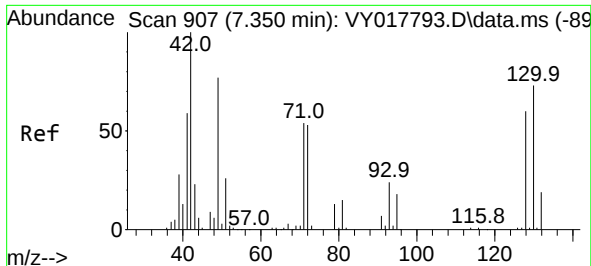
Tgt Ion: 96 Resp: 50535
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 256.2
 98 63.9 0.0 130.0



#28
 Bromochloromethane
 Concen: 18.796 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.018 min
 Lab File: VY017815.D
 Acq: 02 Apr 2024 10:19

Tgt Ion: 49 Resp: 33339
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 84.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 82.242 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

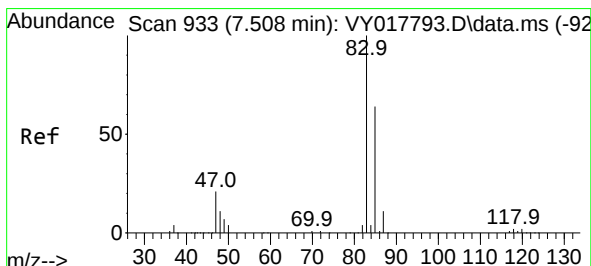
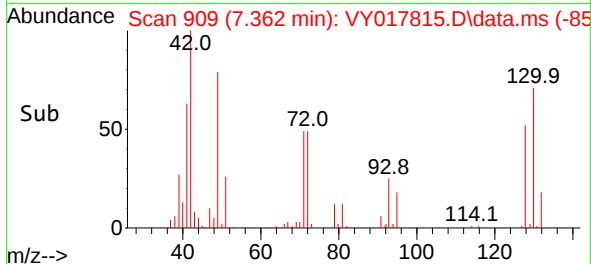
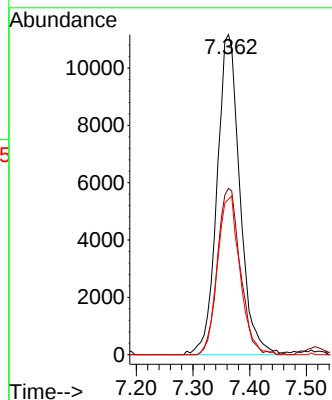
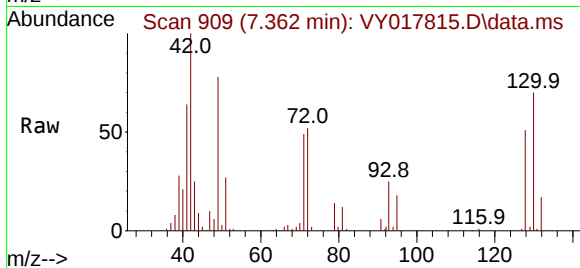
Tgt Ion: 42 Resp: 31216

Ion Ratio Lower Upper

42 100

72 51.8 43.0 64.4

71 49.1 40.8 61.2



#30

Chloroform

Concen: 17.860 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.012 min

Lab File: VY017815.D

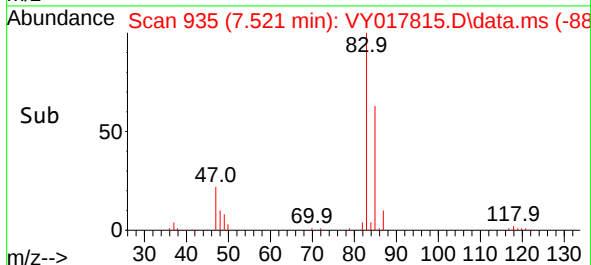
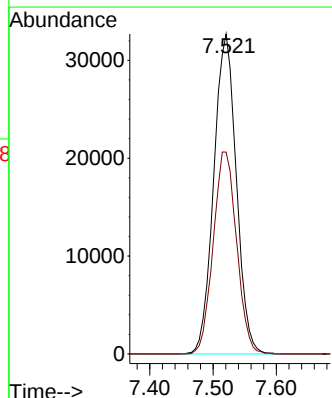
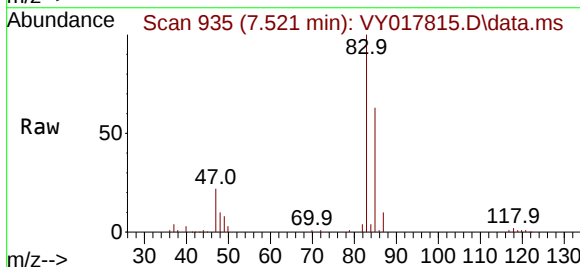
Acq: 02 Apr 2024 10:19

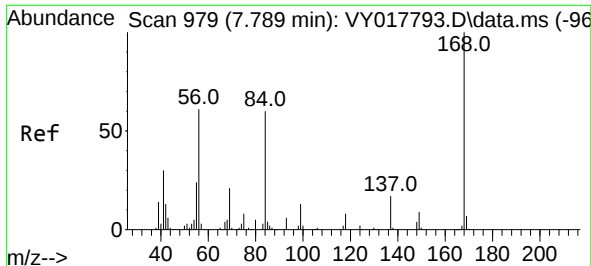
Tgt Ion: 83 Resp: 80823

Ion Ratio Lower Upper

83 100

85 63.1 52.2 78.4

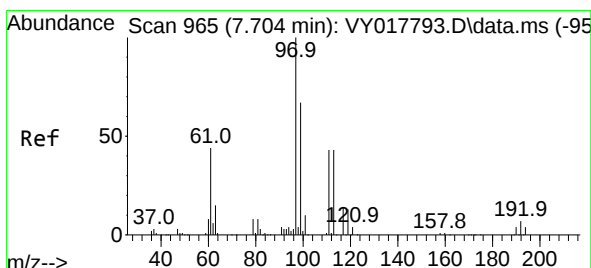
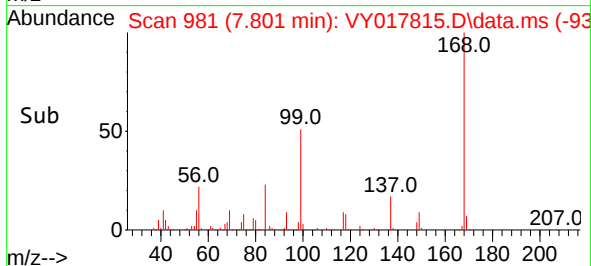
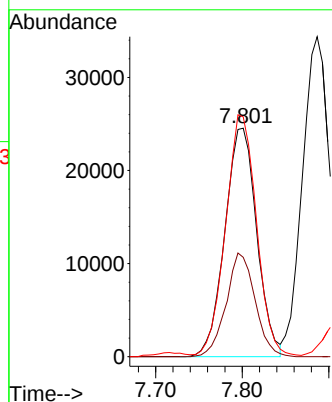
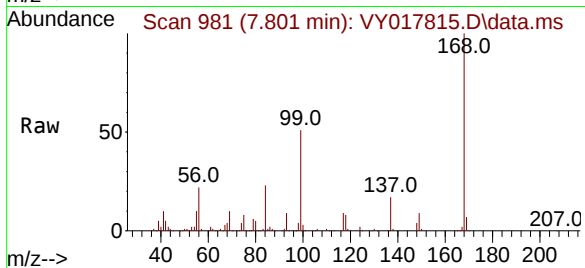




#31
Cyclohexane
Concen: 16.627 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

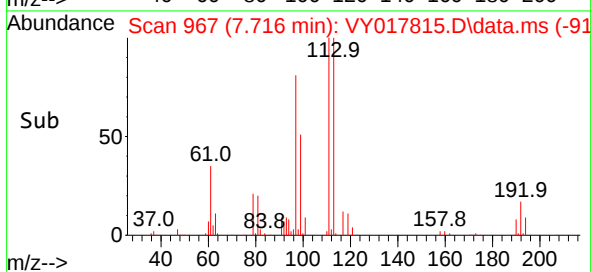
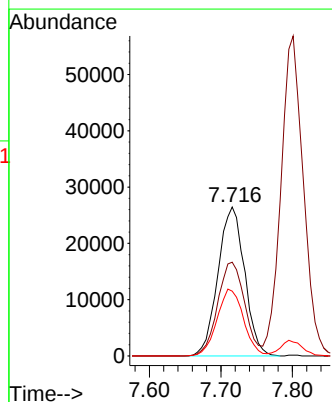
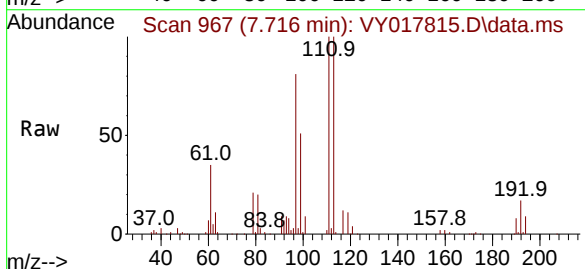
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

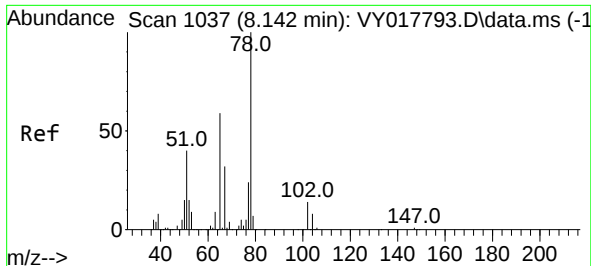
Tgt Ion: 56 Resp: 62922
Ion Ratio Lower Upper
56 100
69 43.5 28.7 43.1#
84 103.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 17.779 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 97 Resp: 68477
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 44.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.974 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

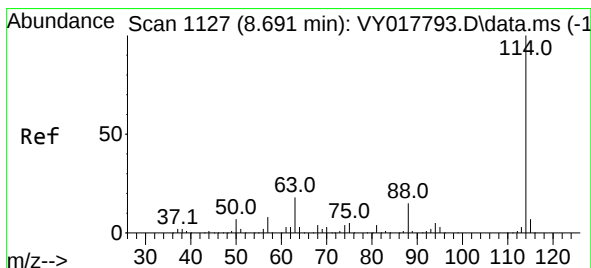
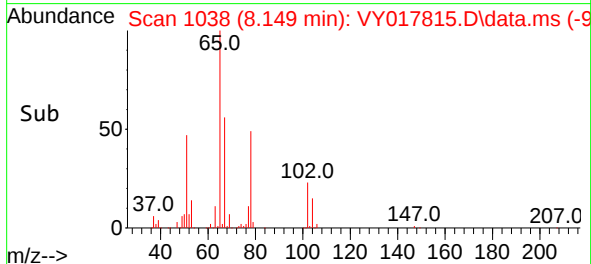
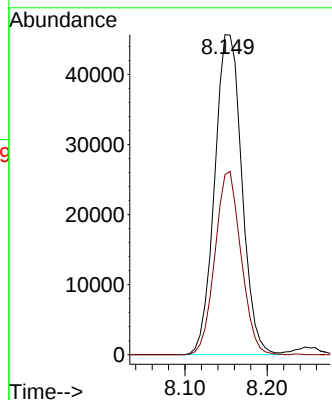
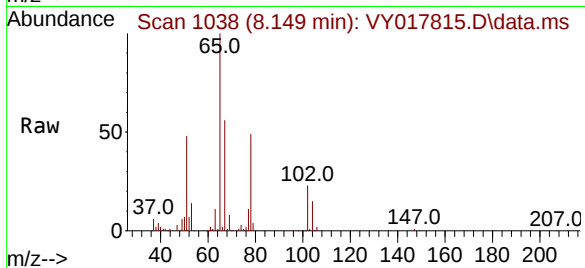
VY0402SBSD01

Tgt Ion: 65 Resp: 105204

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

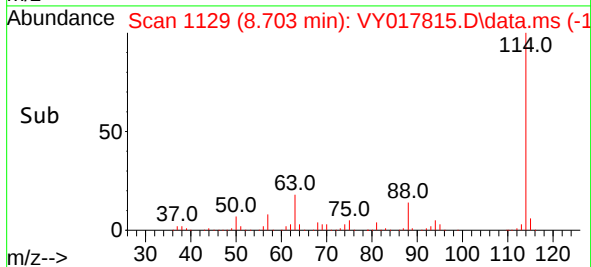
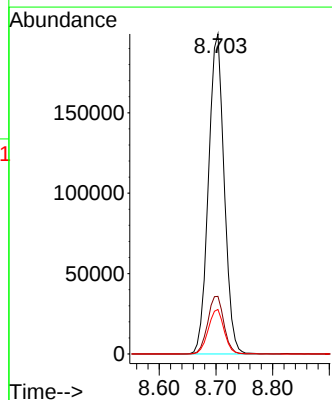
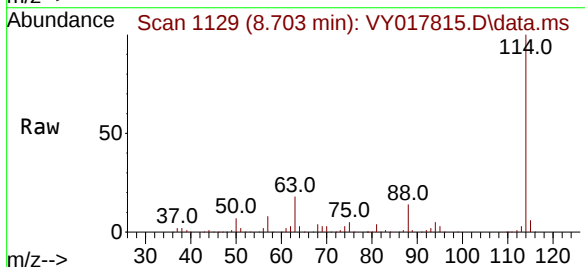
Tgt Ion: 114 Resp: 383844

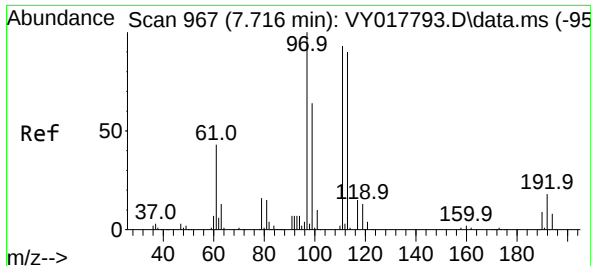
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.9 0.0 27.2

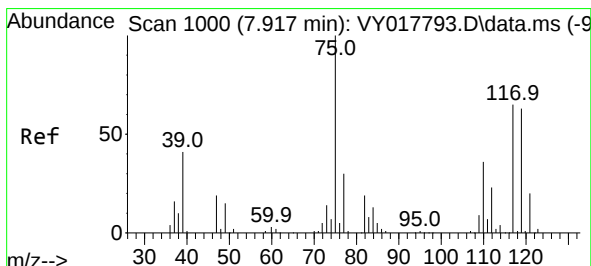
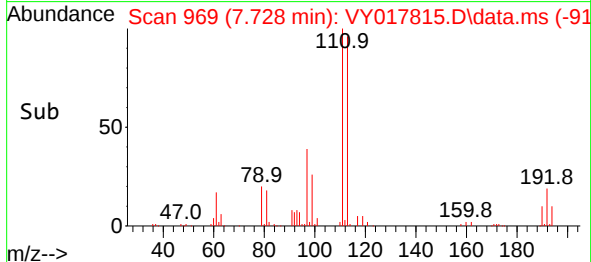
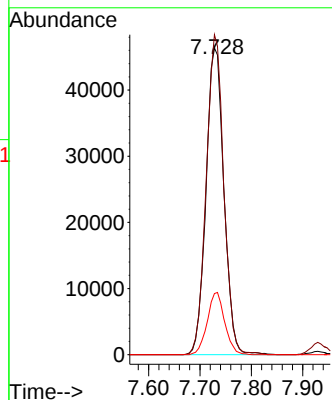
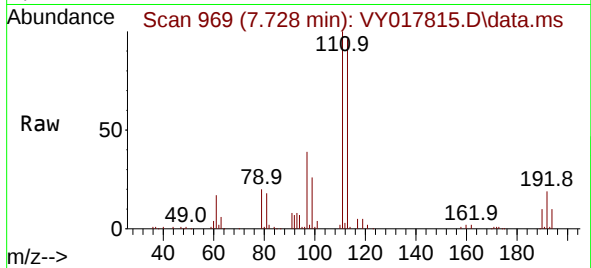




#35
Dibromofluoromethane
Concen: 50.491 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

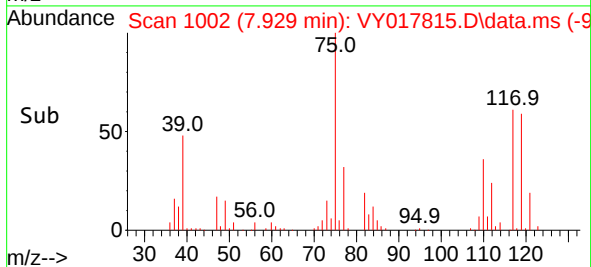
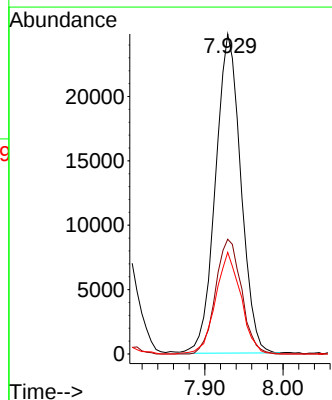
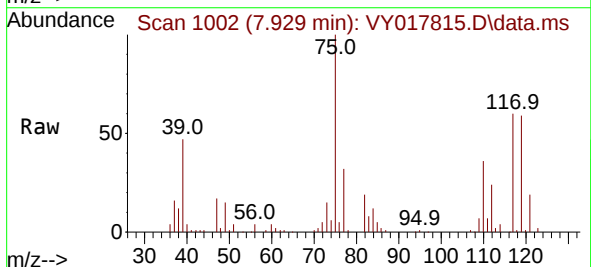
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

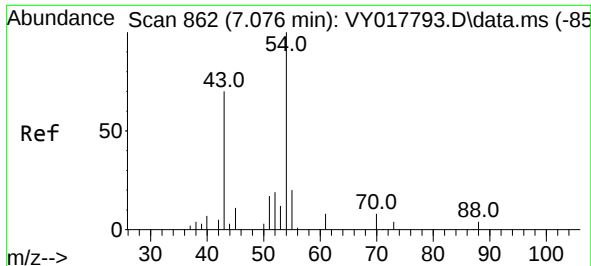
Tgt Ion:113 Resp: 111989
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 19.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 17.229 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 75 Resp: 55759
Ion Ratio Lower Upper
75 100
110 36.7 19.0 57.0
77 31.9 25.3 37.9





#37

Ethyl Acetate

Concen: 17.057 ug/l

RT: 7.082 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

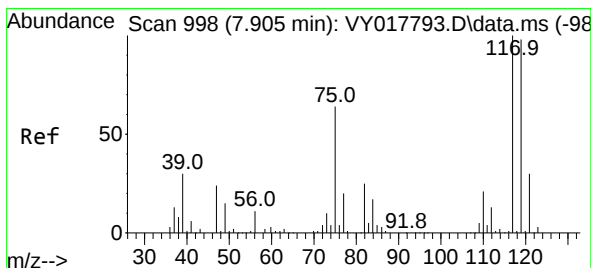
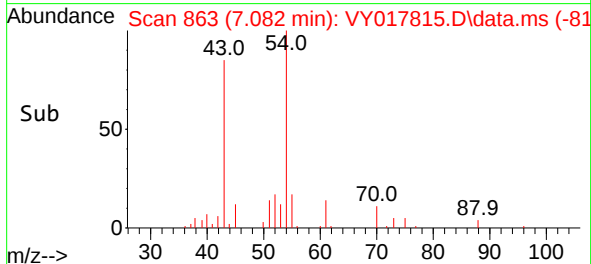
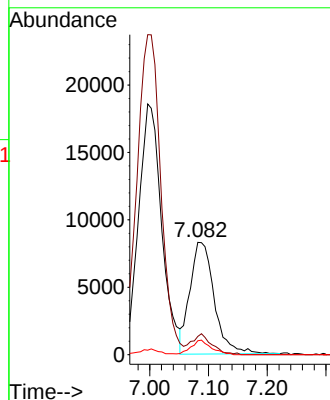
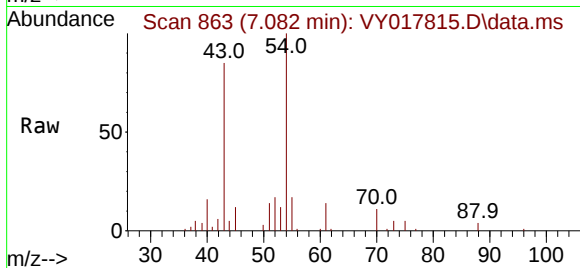
Tgt Ion: 43 Resp: 23822

Ion Ratio Lower Upper

43 100

61 15.7 12.6 19.0

70 10.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 17.800 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

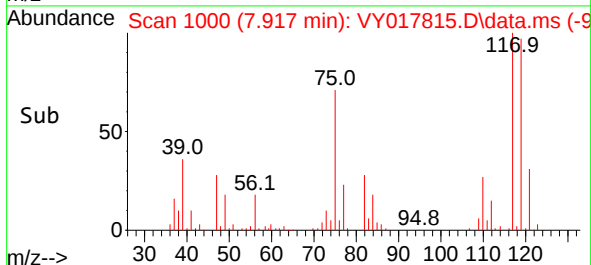
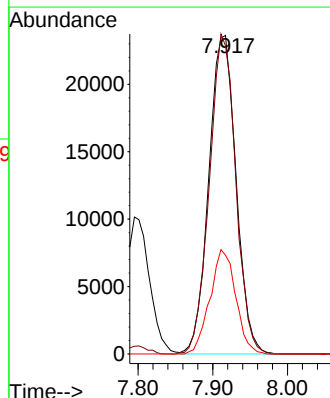
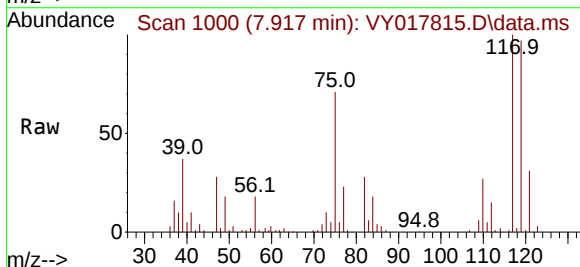
Tgt Ion: 117 Resp: 59801

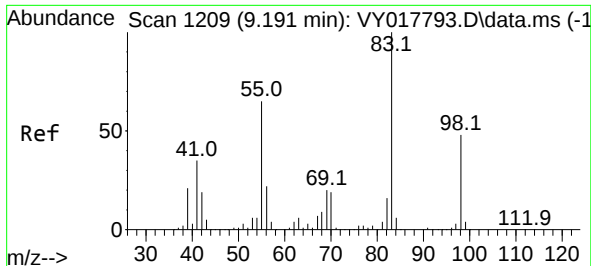
Ion Ratio Lower Upper

117 100

119 96.7 75.8 113.6

121 31.0 24.0 36.0





#39

Methylcyclohexane

Concen: 16.738 ug/l

RT: 9.197 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

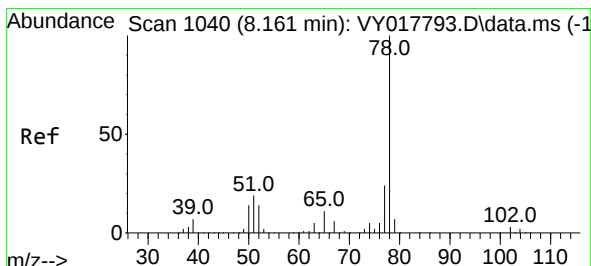
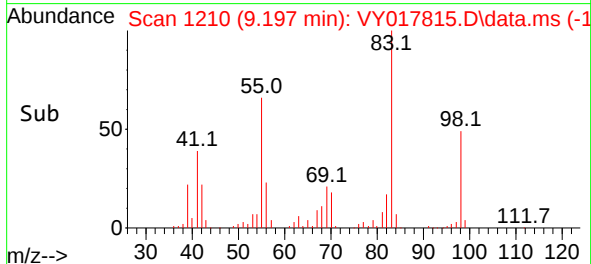
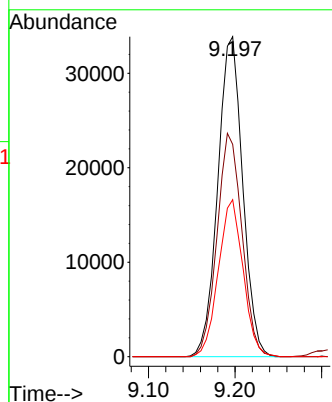
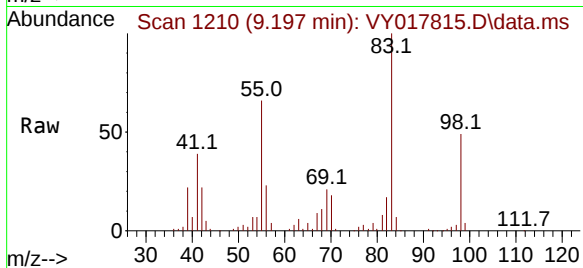
Tgt Ion: 83 Resp: 67661

Ion Ratio Lower Upper

83 100

55 66.4 51.5 77.3

98 49.0 40.5 60.7



#40

Benzene

Concen: 17.731 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY017815.D

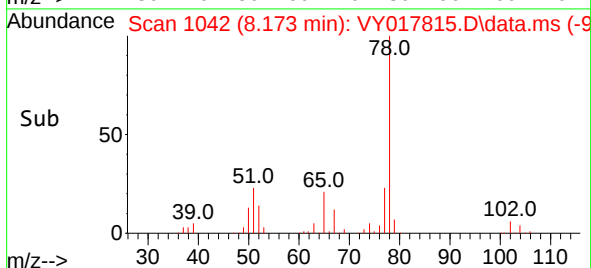
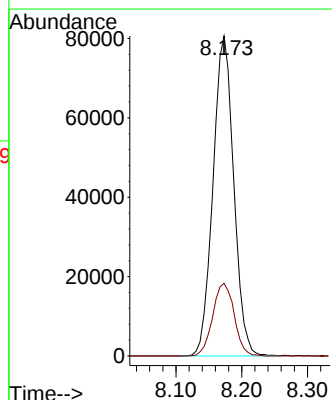
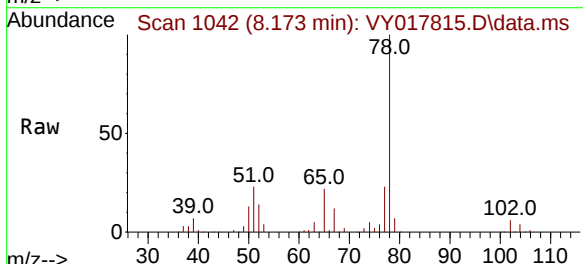
Acq: 02 Apr 2024 10:19

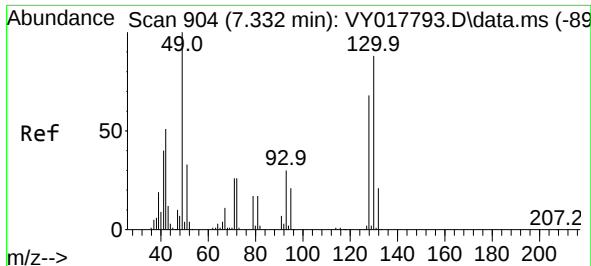
Tgt Ion: 78 Resp: 176843

Ion Ratio Lower Upper

78 100

77 22.7 19.5 29.3

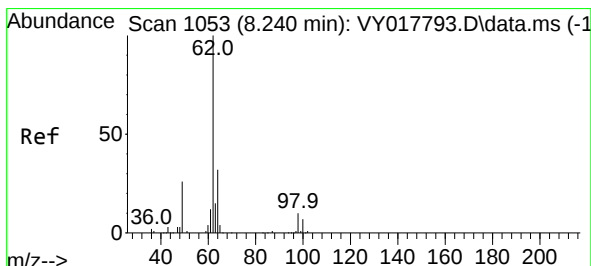
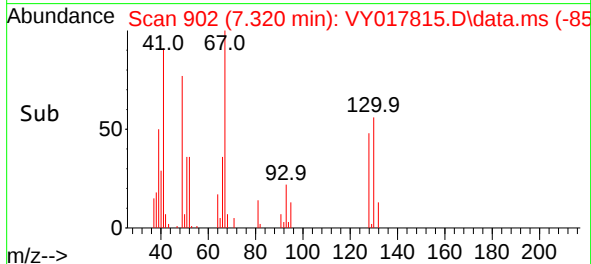
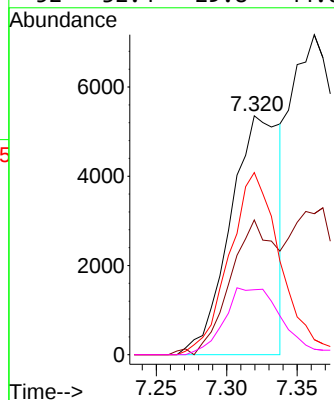
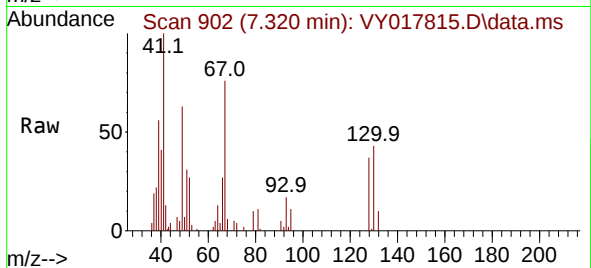




#41
Methacrylonitrile
Concen: 18.549 ug/l m
RT: 7.320 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

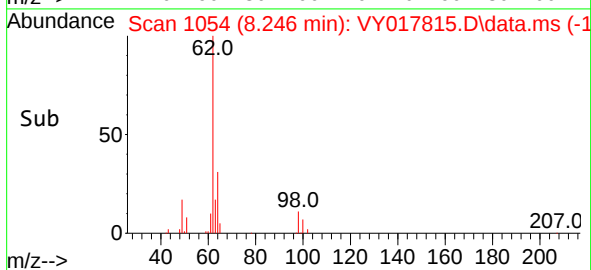
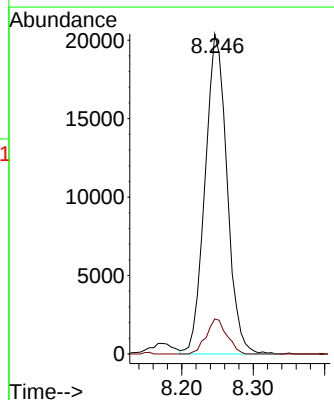
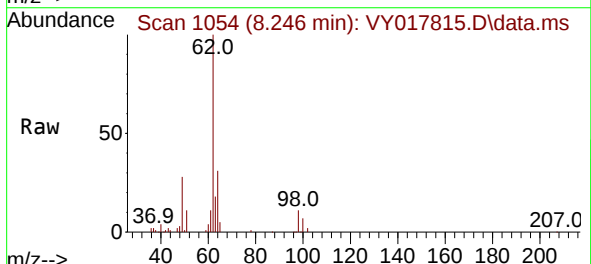
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

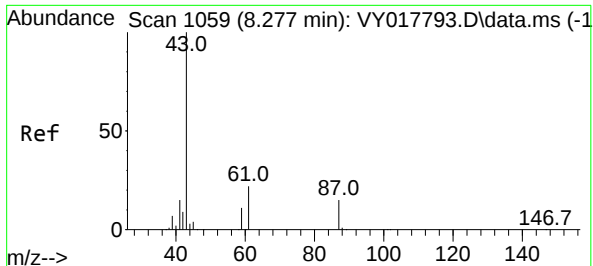
Tgt Ion:	41	Resp:	13117
Ion	Ratio	Lower	Upper
41	100		
39	52.4	48.0	72.0
67	79.5	75.1	112.7
52	32.4	29.8	44.6



#42
1,2-Dichloroethane
Concen: 17.731 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion:	62	Resp:	43526
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	22.0





#43

Isopropyl Acetate

Concen: 16.939 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

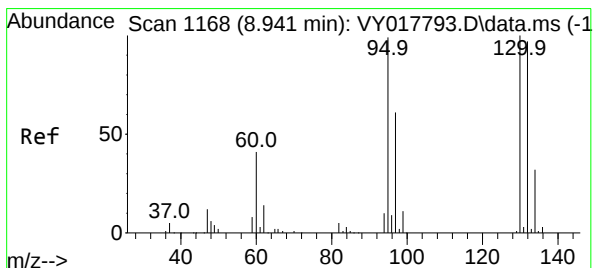
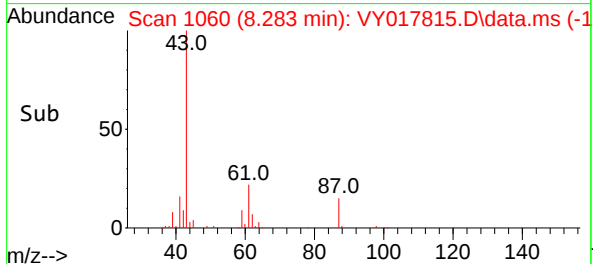
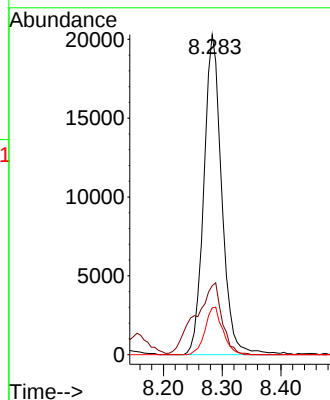
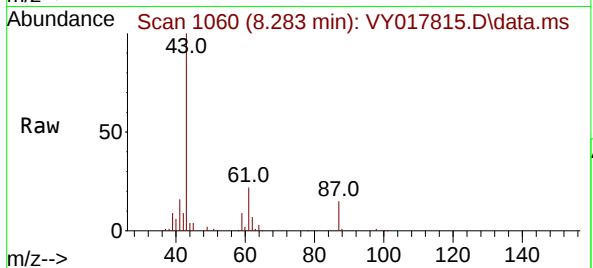
Tgt Ion: 43 Resp: 42931

Ion Ratio Lower Upper

43 100

61 33.4 27.9 41.9

87 14.6 13.1 19.7



#44

Trichloroethene

Concen: 17.643 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY017815.D

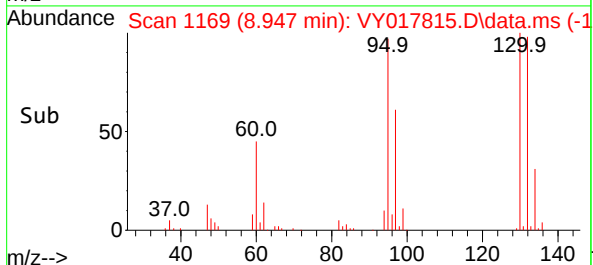
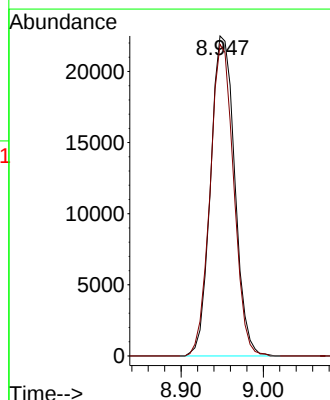
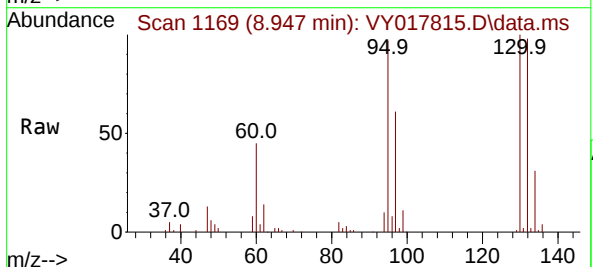
Acq: 02 Apr 2024 10:19

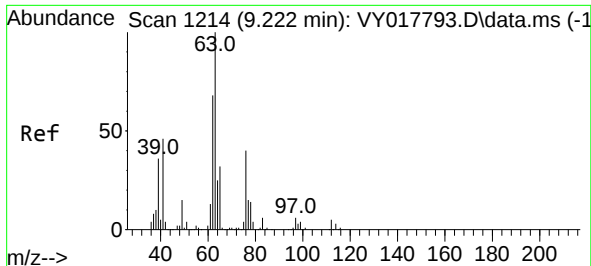
Tgt Ion: 130 Resp: 45781

Ion Ratio Lower Upper

130 100

95 97.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 17.812 ug/l

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

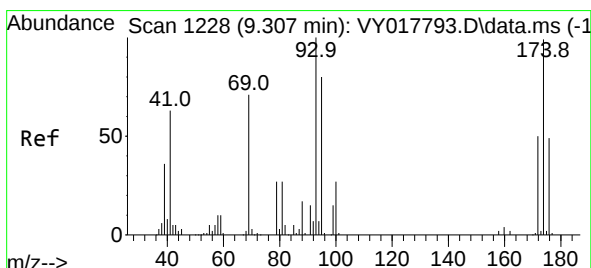
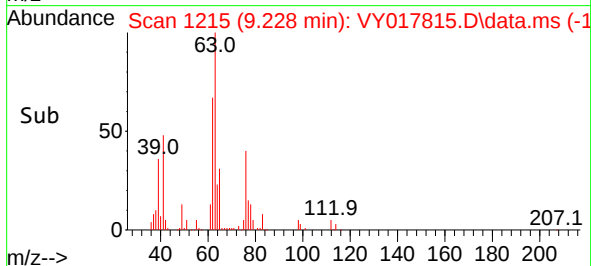
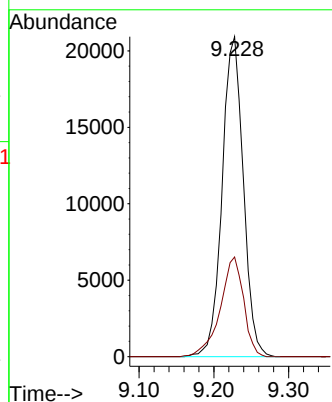
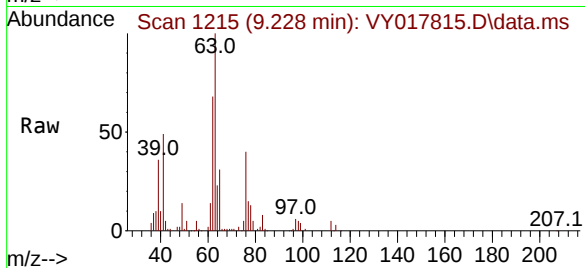
VY0402SBS01

Tgt Ion: 63 Resp: 41281

Ion Ratio Lower Upper

63 100

65 31.1 25.4 38.2



#46

Dibromomethane

Concen: 16.990 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

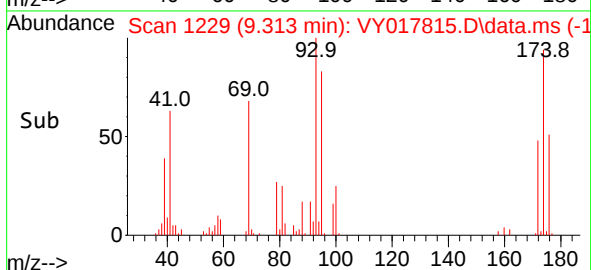
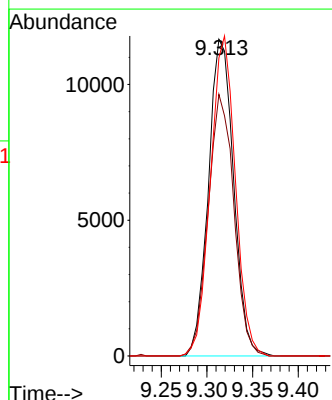
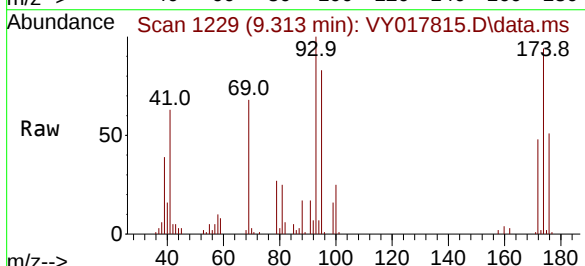
Tgt Ion: 93 Resp: 22370

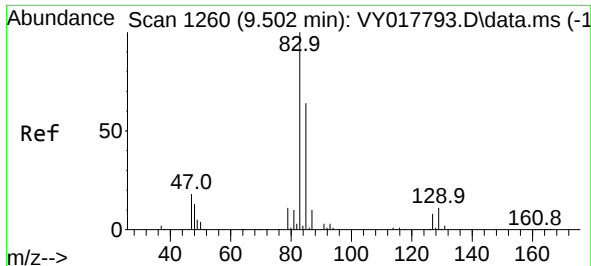
Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

174 99.8 80.9 121.3

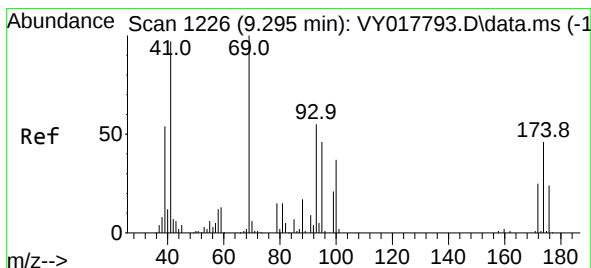
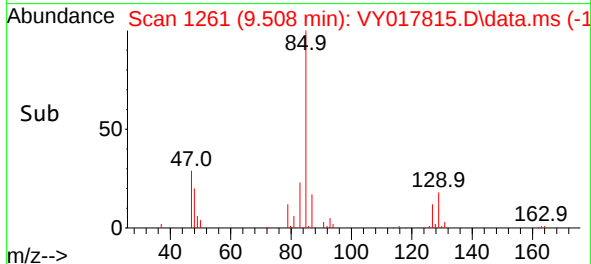
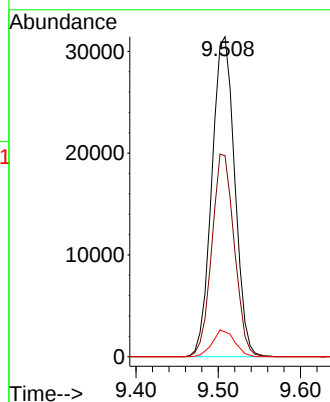
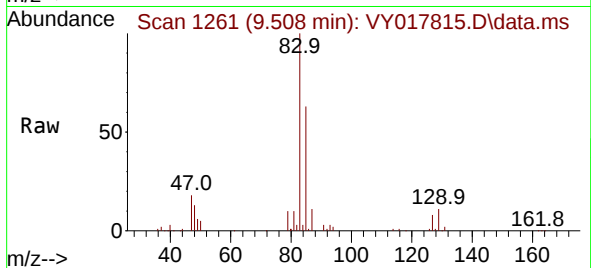




#47
Bromodichloromethane
Concen: 18.240 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

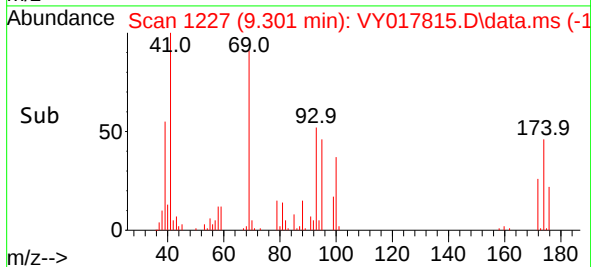
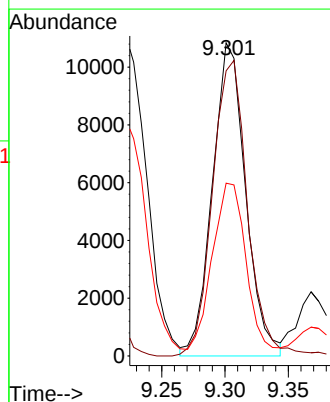
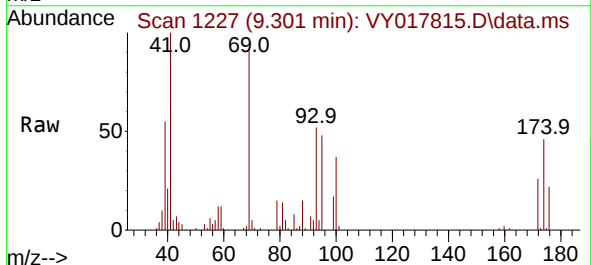
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

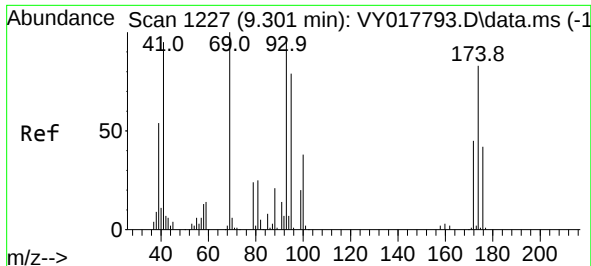
Tgt Ion: 83 Resp: 60683
Ion Ratio Lower Upper
83 100
85 62.8 50.1 75.1
127 7.8 7.4 11.0



#48
Methyl methacrylate
Concen: 20.342 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 41 Resp: 19801
Ion Ratio Lower Upper
41 100
69 99.5 84.1 126.1
39 53.5 43.6 65.4





#49

1,4-Dioxane

Concen: 336.241 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

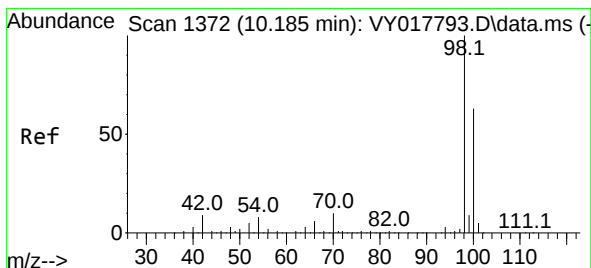
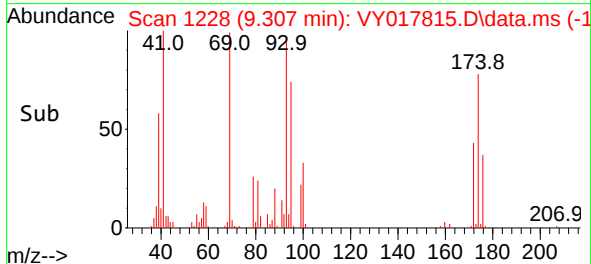
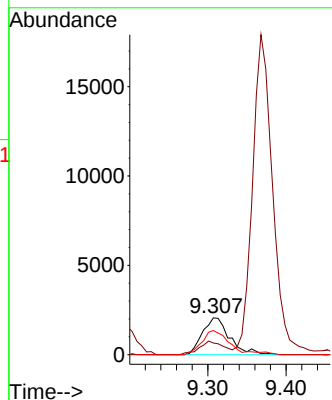
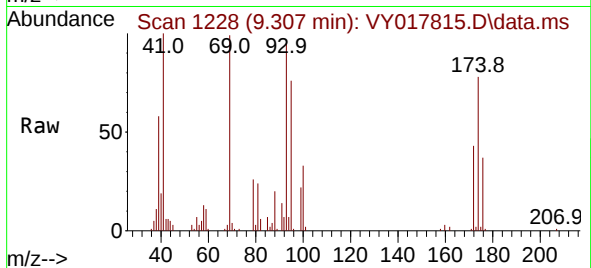
Tgt Ion: 88 Resp: 4970

Ion Ratio Lower Upper

88 100

43 33.0 0.0 0.0#

58 68.3 49.3 73.9



#50

Toluene-d8

Concen: 50.555 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017815.D

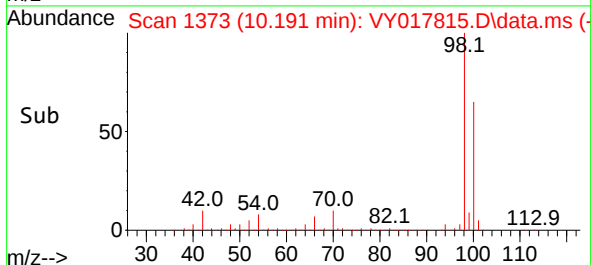
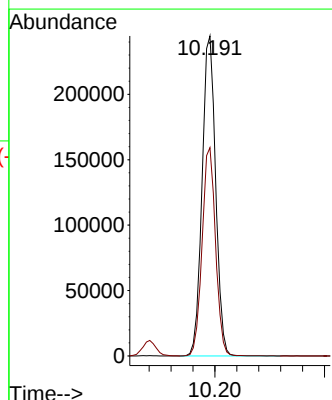
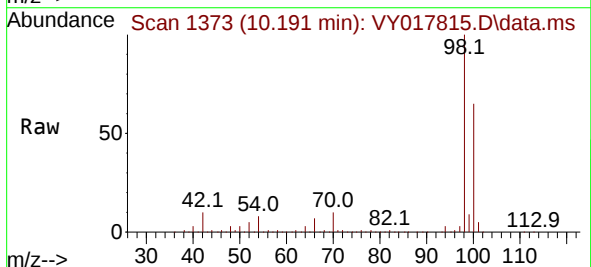
Acq: 02 Apr 2024 10:19

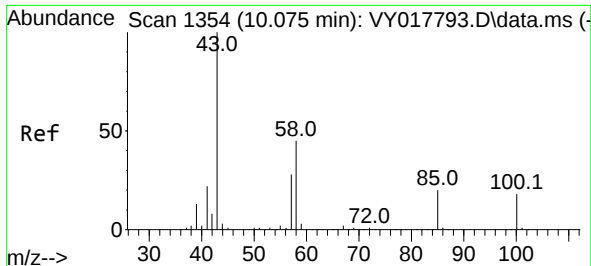
Tgt Ion: 98 Resp: 418864

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

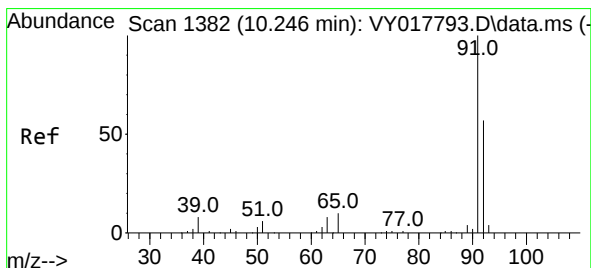
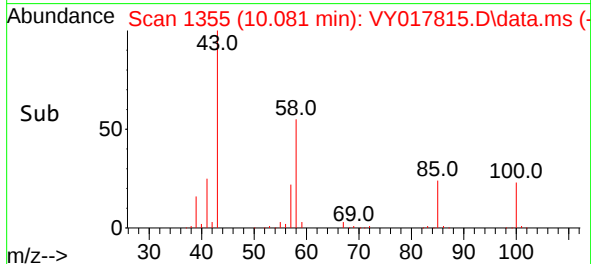
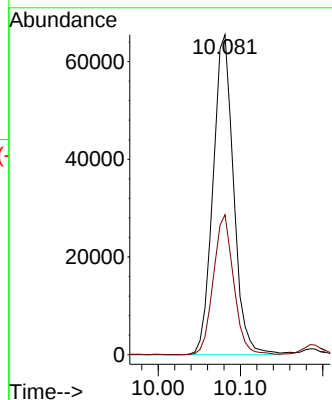
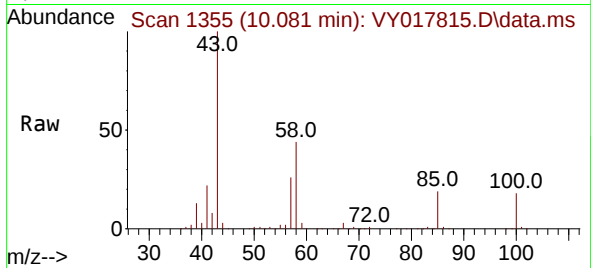




#51
4-Methyl-2-Pentanone
Concen: 98.262 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

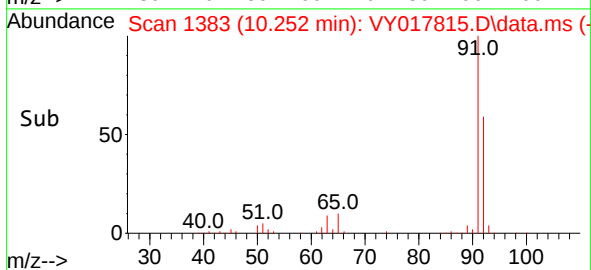
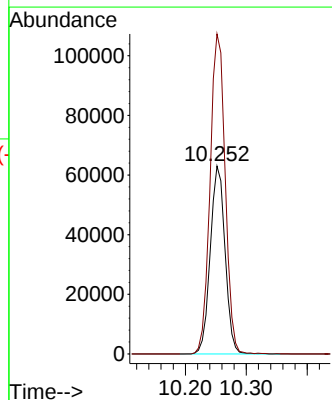
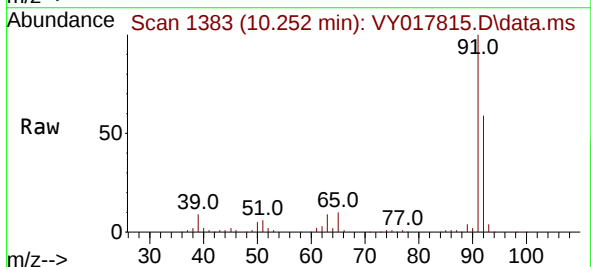
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

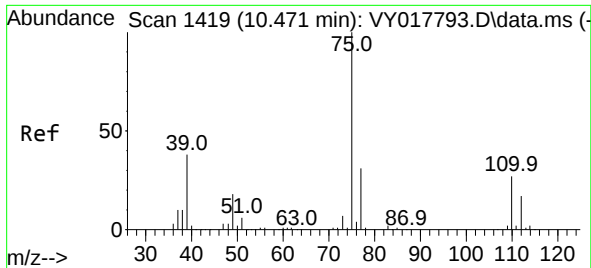
Tgt Ion: 43 Resp: 113839
Ion Ratio Lower Upper
43 100
58 43.2 35.7 53.5



#52
Toluene
Concen: 17.559 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 92 Resp: 106224
Ion Ratio Lower Upper
92 100
91 173.7 139.0 208.6

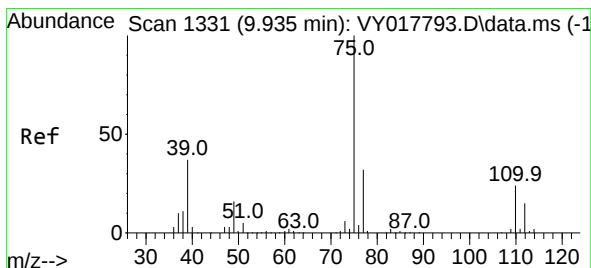
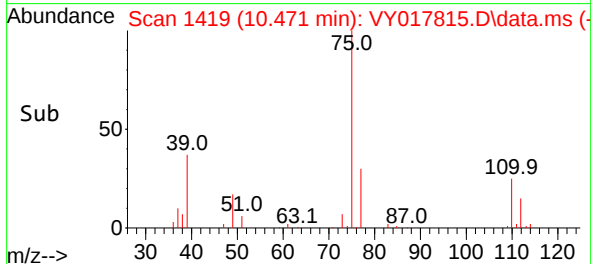
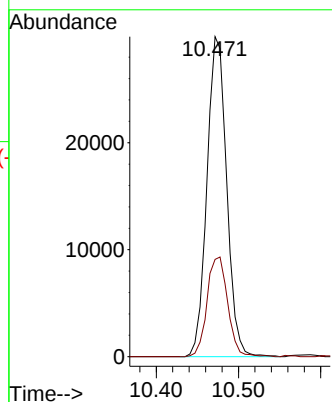
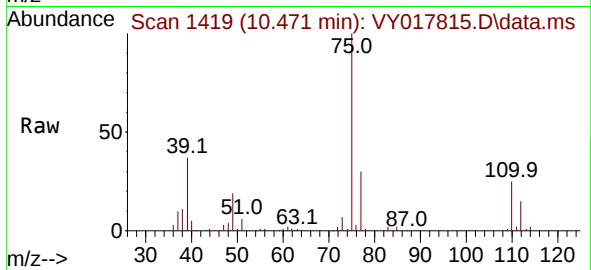




#53
 t-1,3-Dichloropropene
 Concen: 16.871 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017815.D
 Acq: 02 Apr 2024 10:19

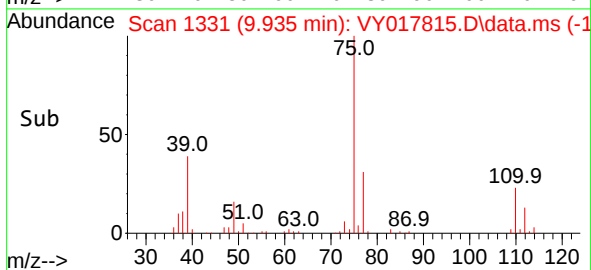
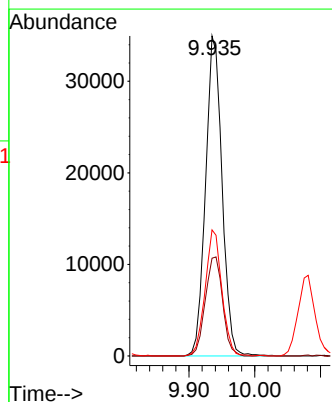
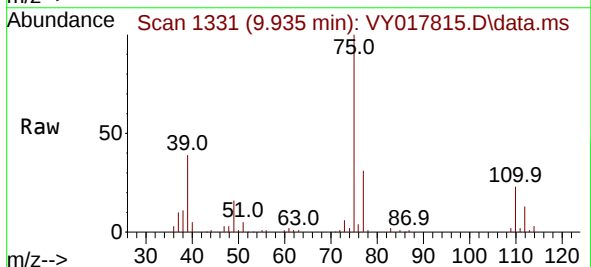
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBS01

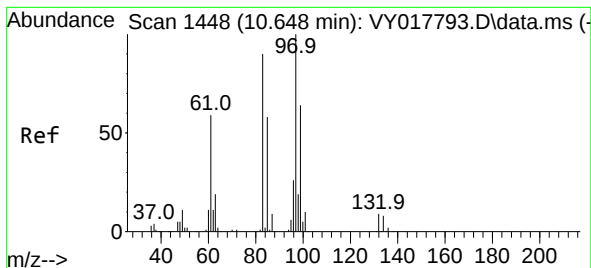
Tgt Ion: 75 Resp: 49837
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 16.942 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017815.D
 Acq: 02 Apr 2024 10:19

Tgt Ion: 75 Resp: 61080
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 39.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 17.580 ug/l

RT: 10.654 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

Tgt Ion: 97 Resp: 30843

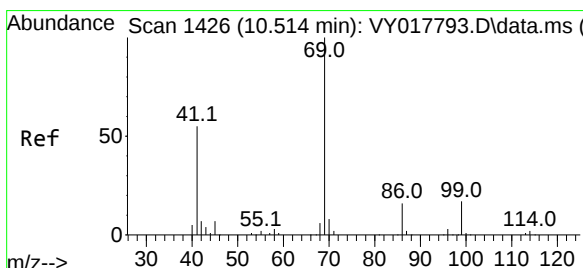
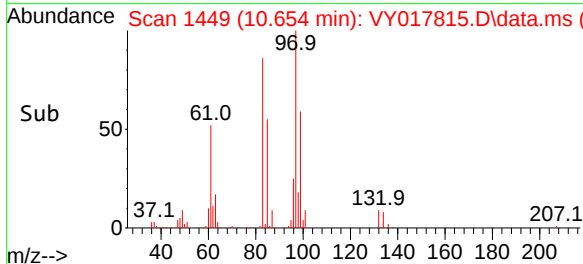
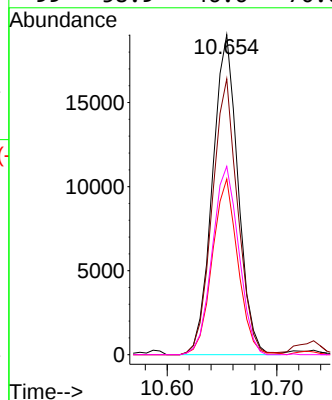
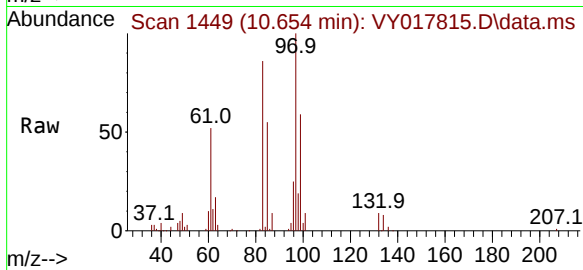
Ion Ratio Lower Upper

97 100

83 86.2 67.5 101.3

85 54.9 42.9 64.3

99 58.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.841 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

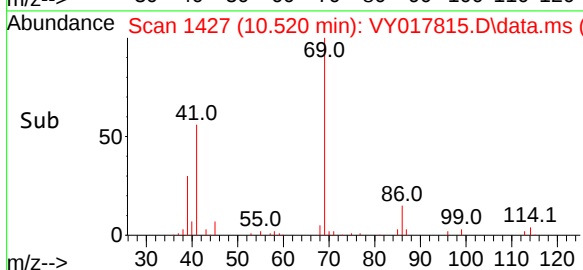
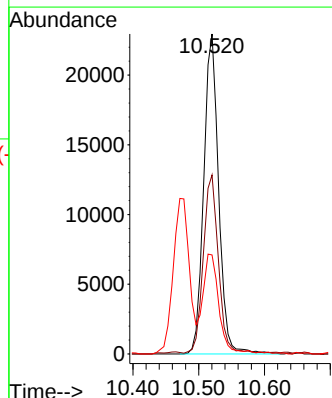
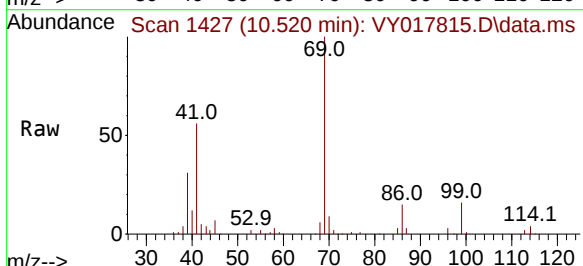
Tgt Ion: 69 Resp: 36163

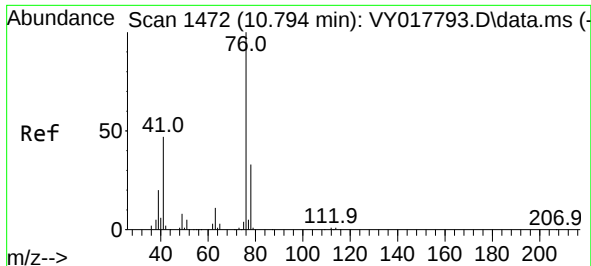
Ion Ratio Lower Upper

69 100

41 56.3 42.3 63.5

39 32.9 22.9 34.3





#57

1,3-Dichloropropane

Concen: 17.334 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

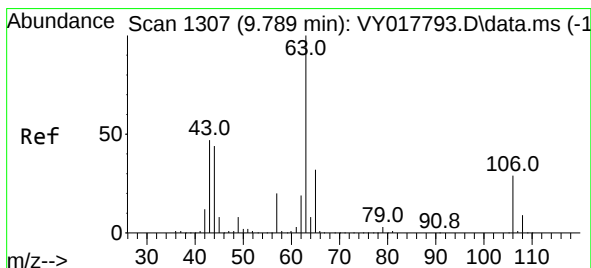
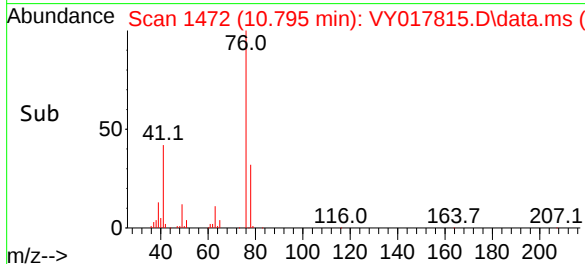
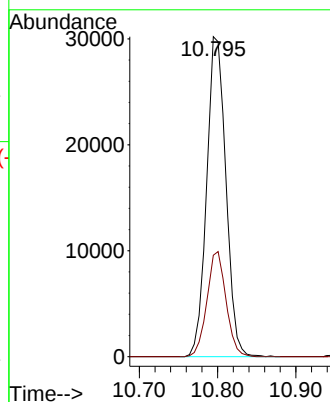
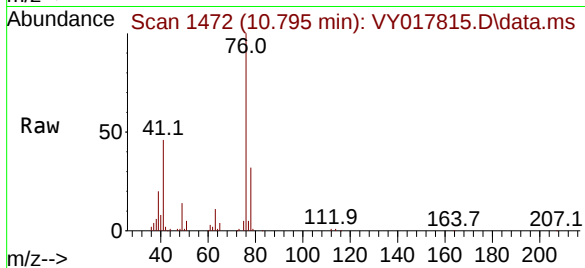
VY0402SBSD01

Tgt Ion: 76 Resp: 51436

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 114.593 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017815.D

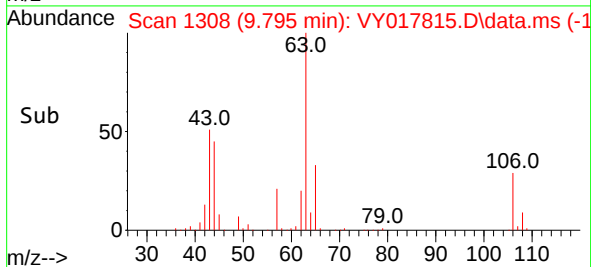
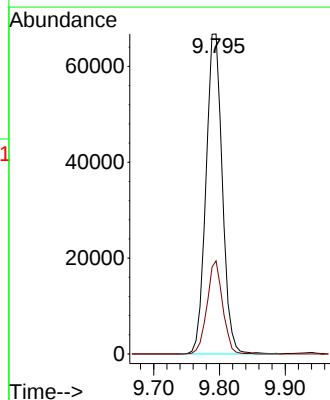
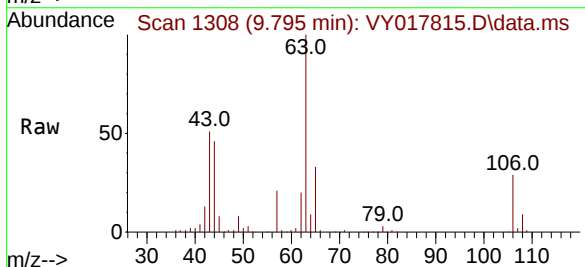
Acq: 02 Apr 2024 10:19

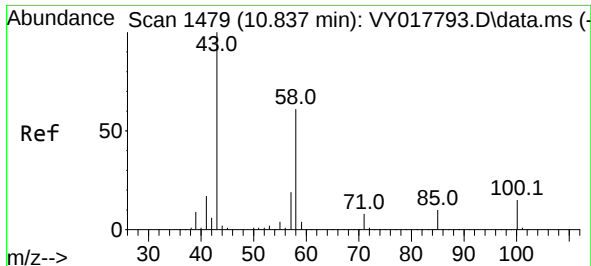
Tgt Ion: 63 Resp: 115413

Ion Ratio Lower Upper

63 100

106 27.8 23.7 35.5

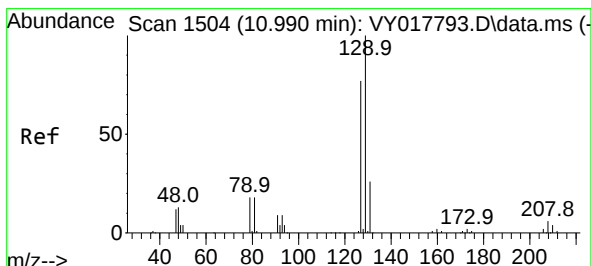
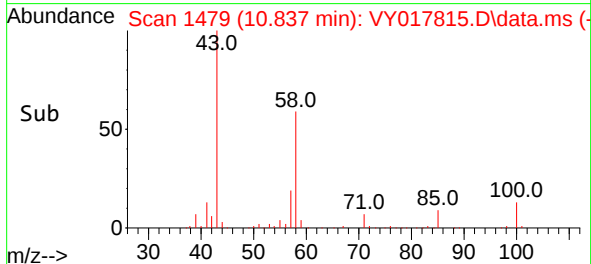
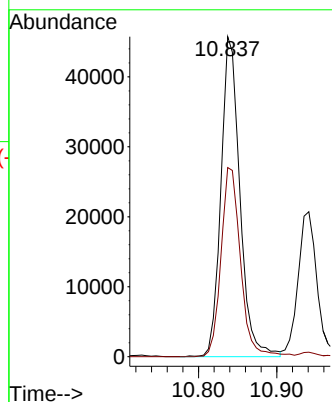
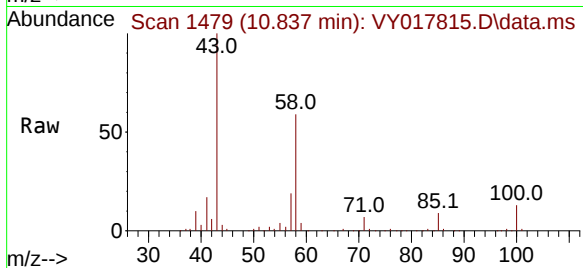




#59
2-Hexanone
Concen: 96.064 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

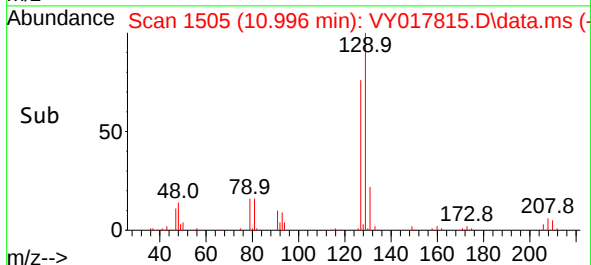
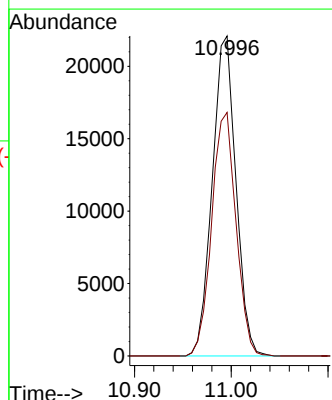
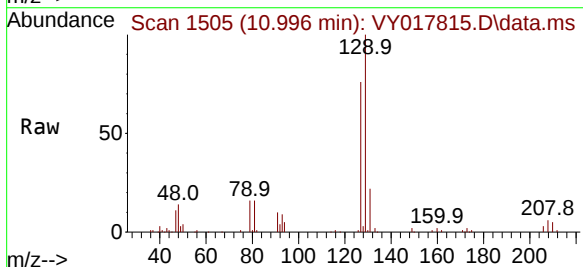
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

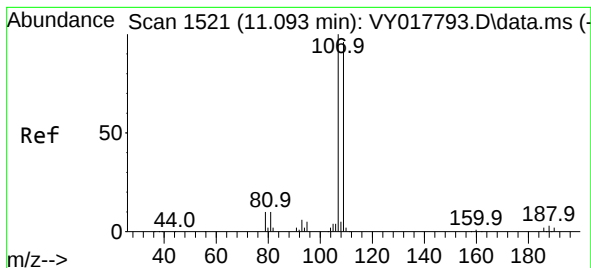
Tgt Ion: 43 Resp: 76881
Ion Ratio Lower Upper
43 100
58 60.9 31.4 94.0



#60
Dibromochloromethane
Concen: 16.981 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 129 Resp: 37576
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

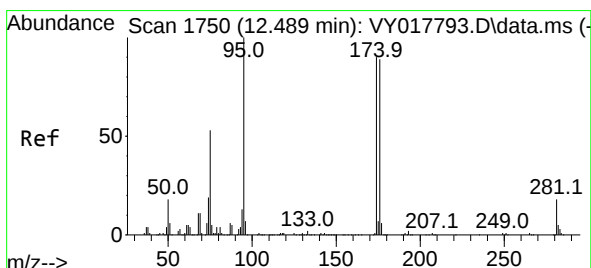
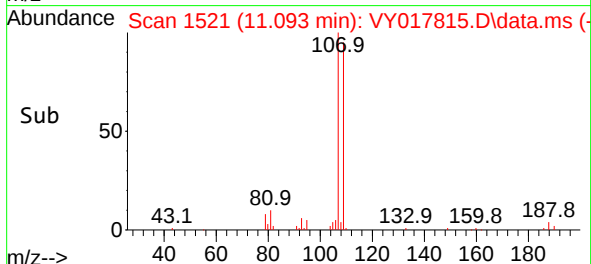
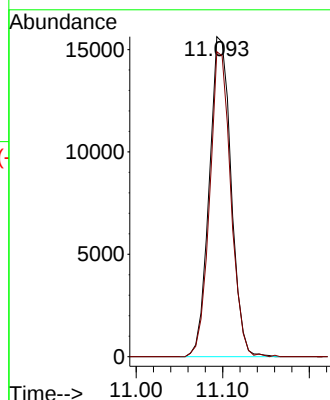
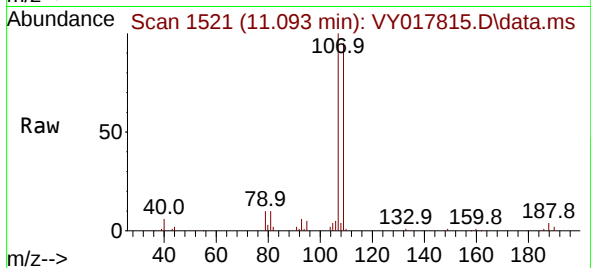




#61
1,2-Dibromoethane
Concen: 17.097 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

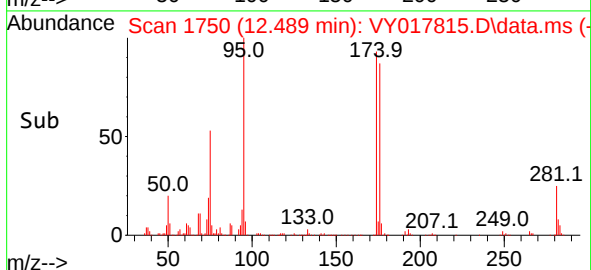
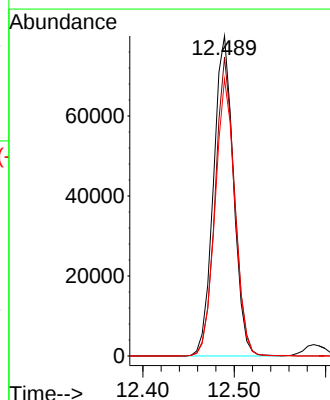
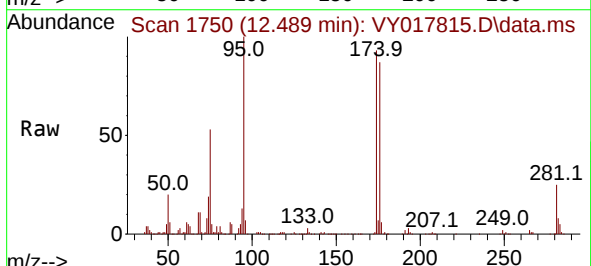
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

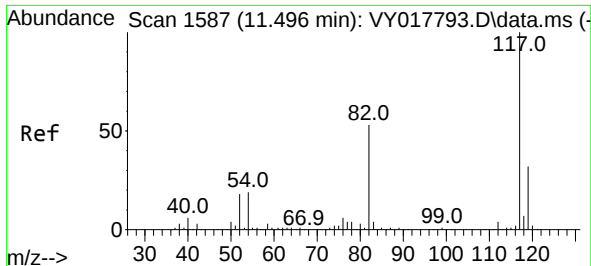
Tgt Ion:107 Resp: 27352
Ion Ratio Lower Upper
107 100
109 92.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.068 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 95 Resp: 121169
Ion Ratio Lower Upper
95 100
174 90.7 0.0 175.6
176 86.0 0.0 171.4

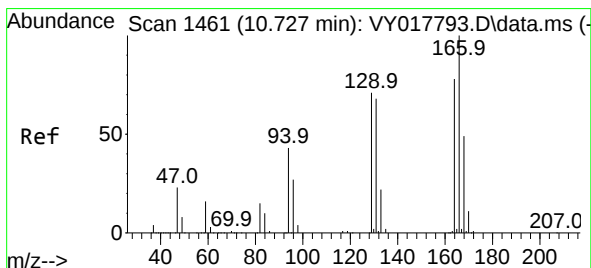
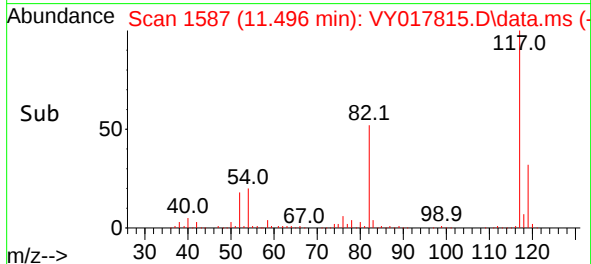
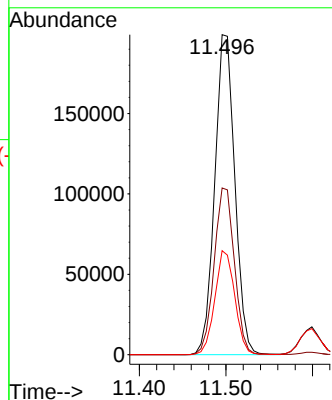
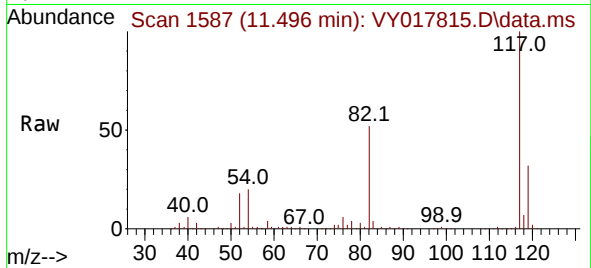




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

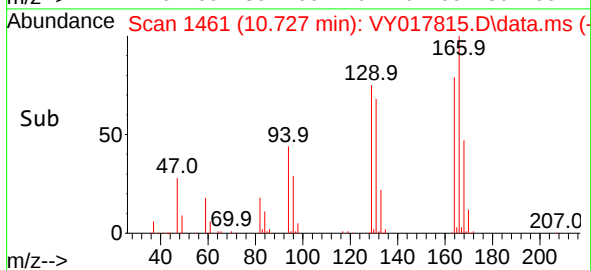
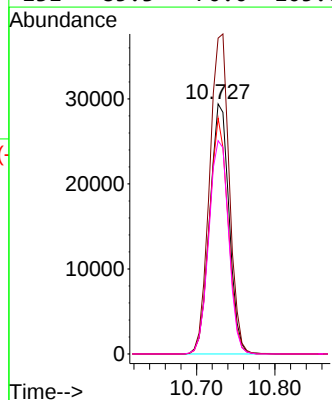
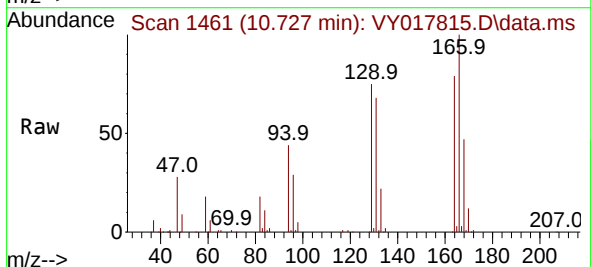
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBS01

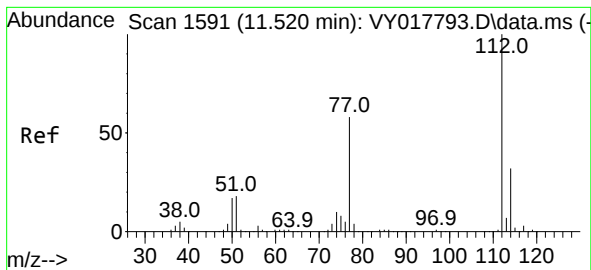
Tgt Ion:117 Resp: 321097
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 32.5 25.9 38.9



#64
Tetrachloroethene
Concen: 18.050 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion:164 Resp: 50552
Ion Ratio Lower Upper
164 100
166 126.3 102.6 154.0
129 94.3 72.0 108.0
131 85.3 70.0 105.0

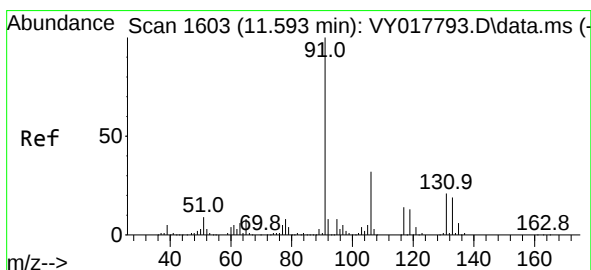
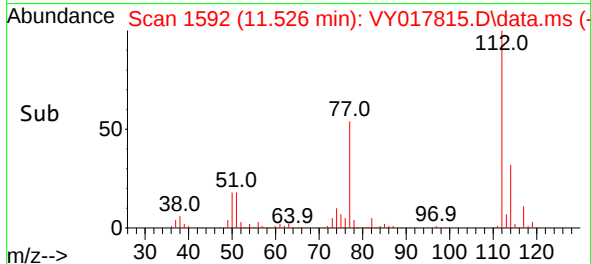
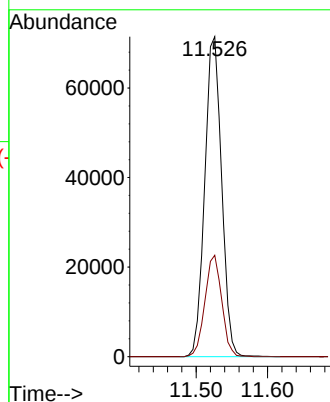
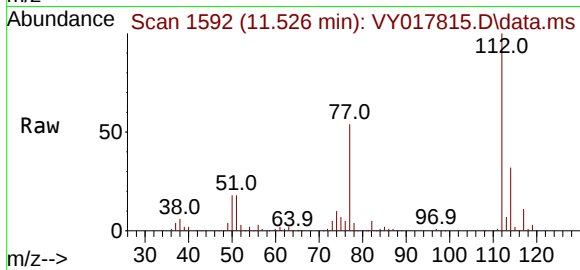




#65
Chlorobenzene
Concen: 17.776 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

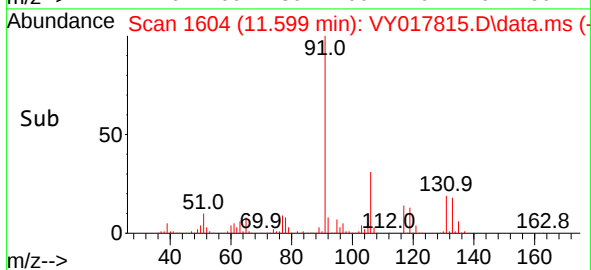
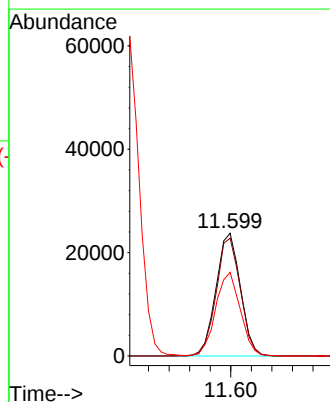
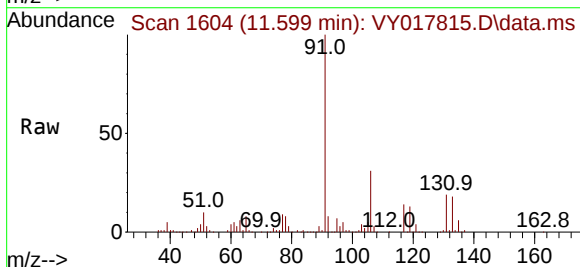
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

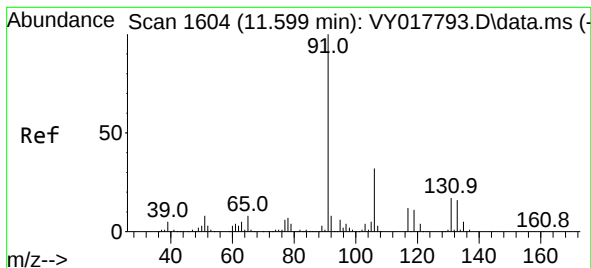
Tgt Ion:112 Resp: 117089
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 17.449 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion:131 Resp: 39025
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 69.2 34.1 102.2





#67

Ethyl Benzene

Concen: 17.339 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

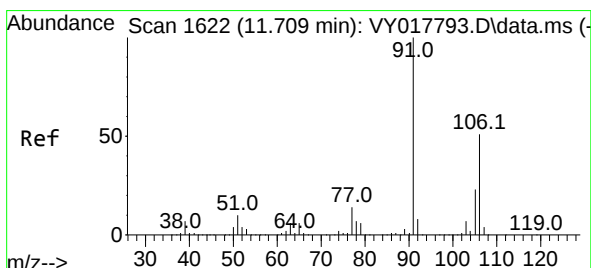
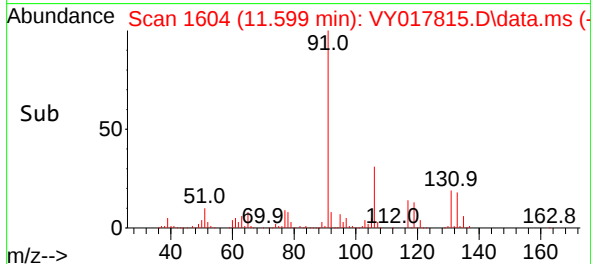
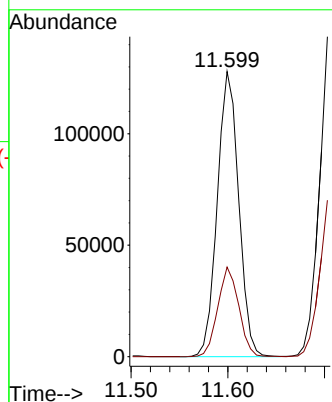
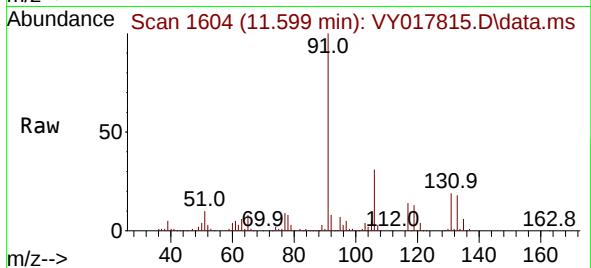
VY0402SBS01

Tgt Ion: 91 Resp: 196336

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 34.865 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017815.D

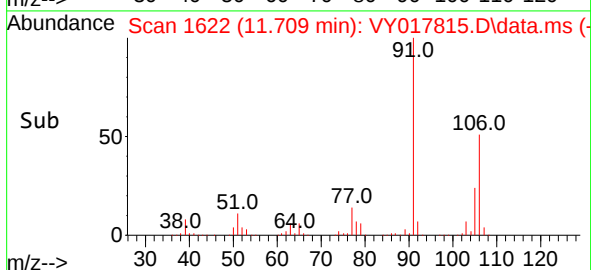
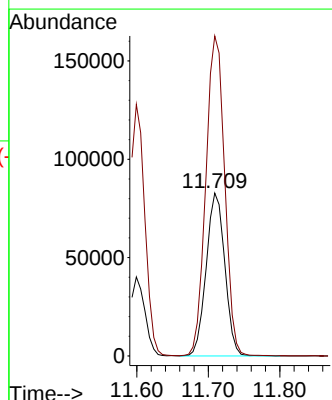
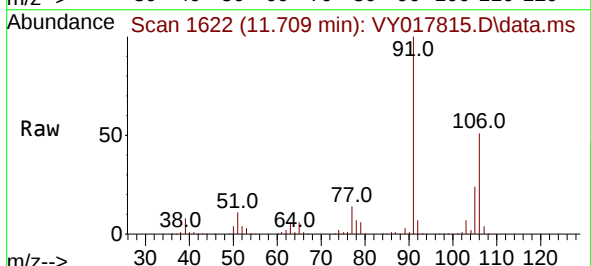
Acq: 02 Apr 2024 10:19

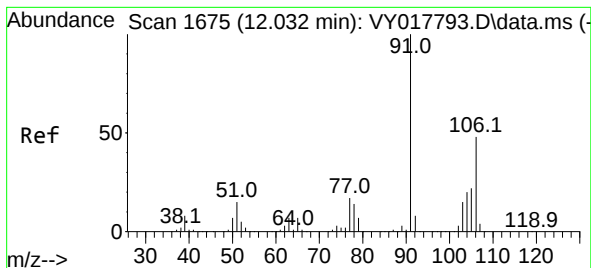
Tgt Ion: 106 Resp: 149719

Ion Ratio Lower Upper

106 100

91 198.6 156.0 234.0





#69

o-Xylene

Concen: 20.213 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

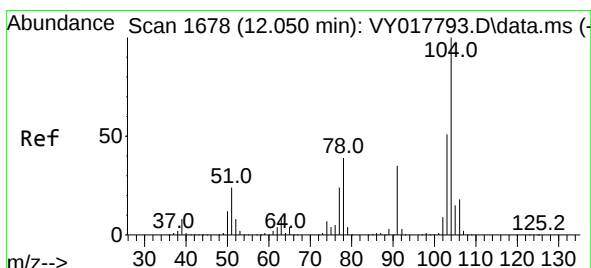
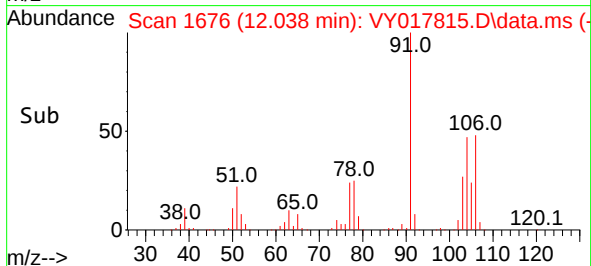
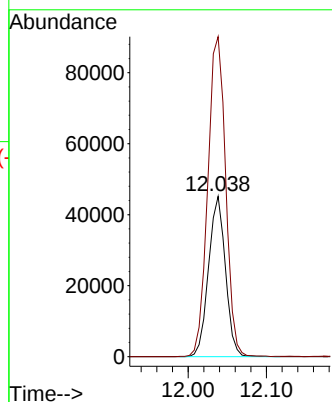
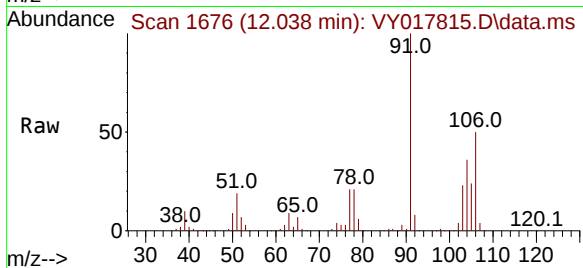
VY0402SBS01

Tgt Ion:106 Resp: 67532

Ion Ratio Lower Upper

106 100

91 211.3 103.6 310.8



#70

Styrene

Concen: 20.194 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

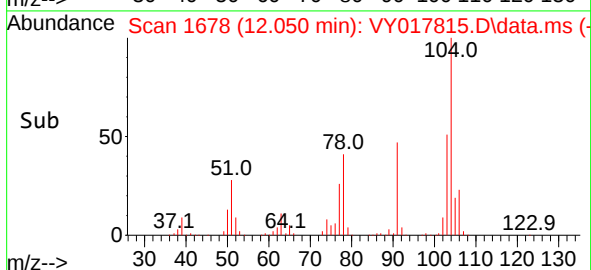
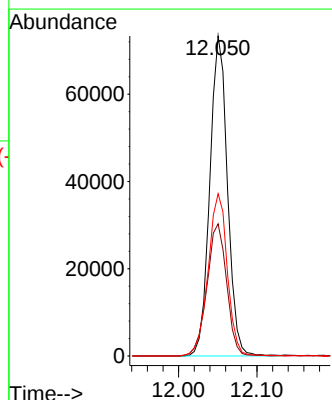
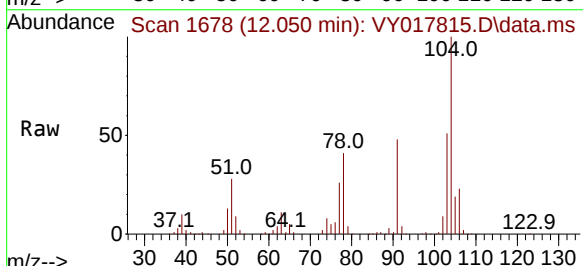
Tgt Ion:104 Resp: 114682

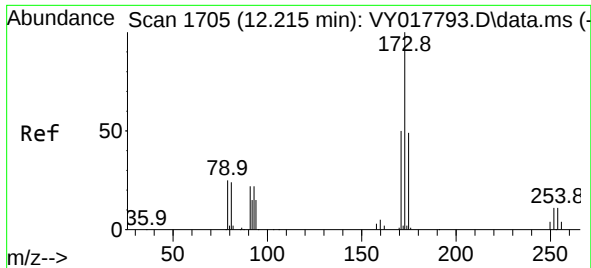
Ion Ratio Lower Upper

104 100

78 46.0 37.0 55.4

103 55.2 44.2 66.2

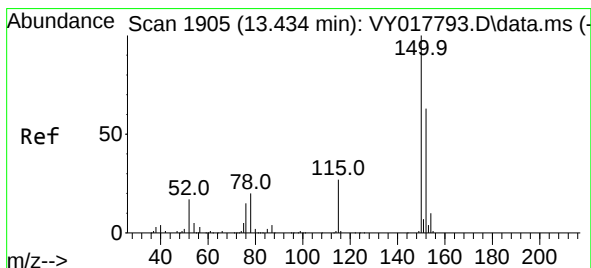
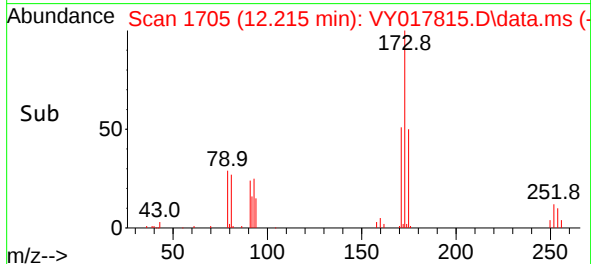
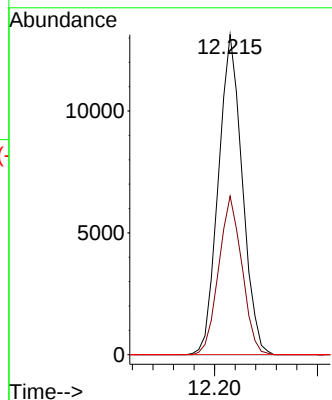
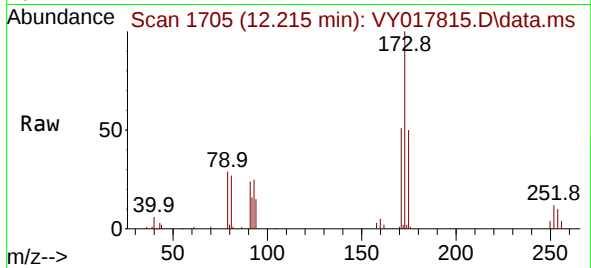




#71
Bromoform
Concen: 17.073 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

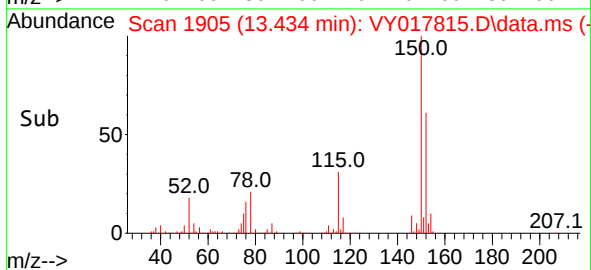
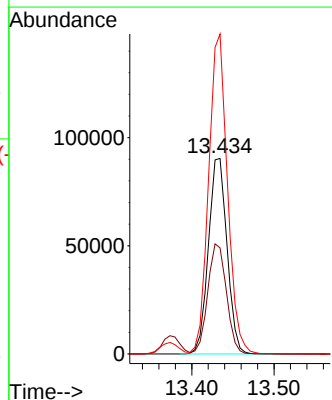
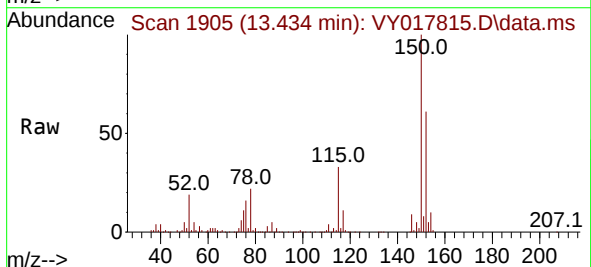
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

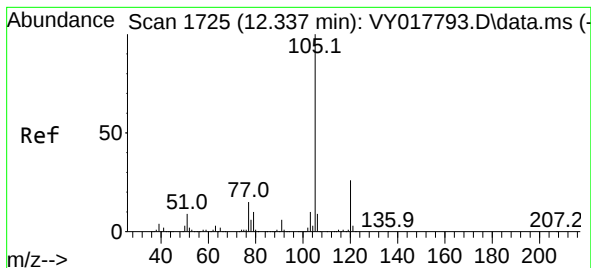
Tgt Ion:173 Resp: 21166
Ion Ratio Lower Upper
173 100
175 48.2 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion:152 Resp: 142225
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 165.0 0.0 345.6





#73

Isopropylbenzene

Concen: 17.793 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

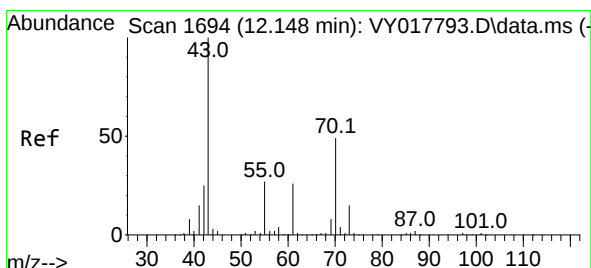
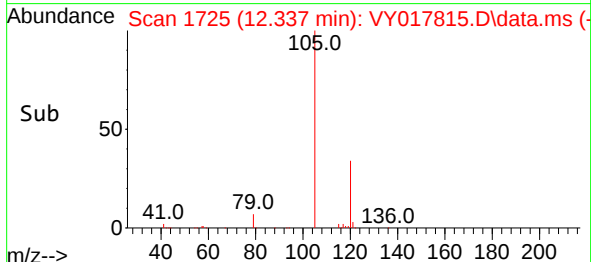
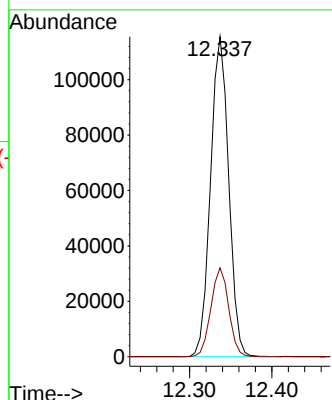
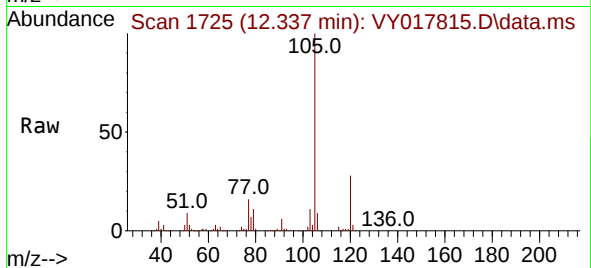
VY0402SBSD01

Tgt Ion:105 Resp: 177343

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 20.536 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Tgt Ion: 43 Resp: 34807

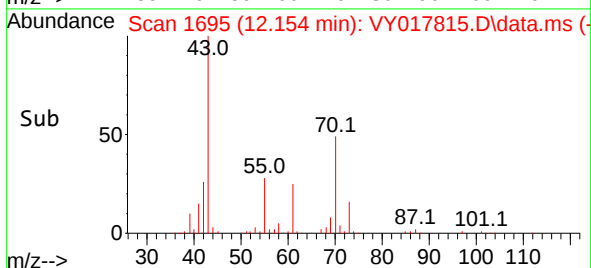
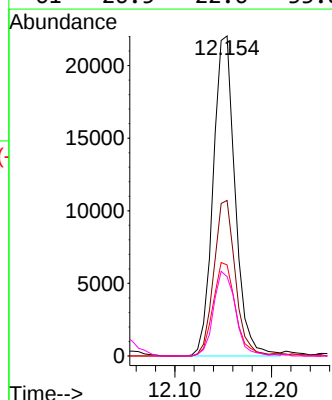
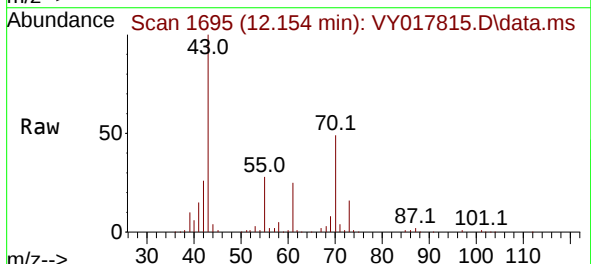
Ion Ratio Lower Upper

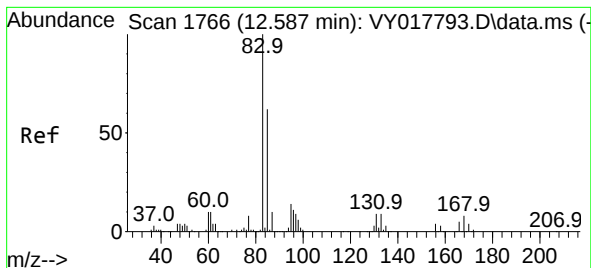
43 100

70 47.6 41.4 62.2

55 29.9 23.3 34.9

61 26.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 17.970 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

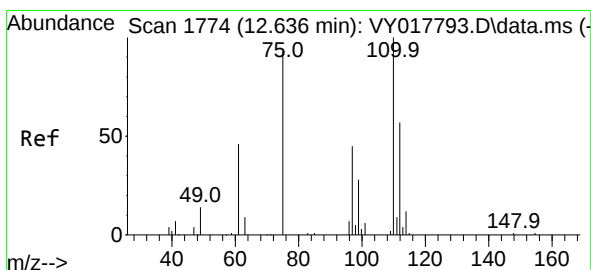
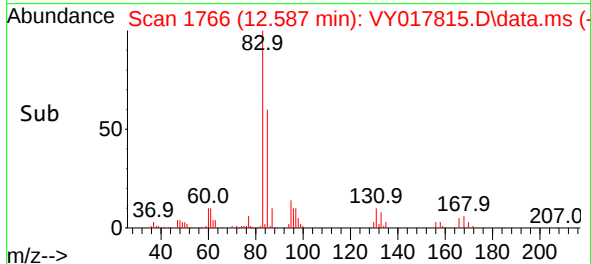
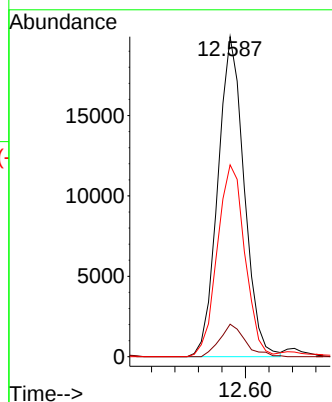
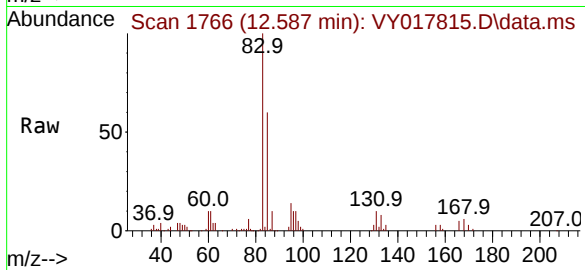
Tgt Ion: 83 Resp: 30983

Ion Ratio Lower Upper

83 100

131 9.8 5.0 14.9

85 62.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 18.841 ug/l m

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017815.D

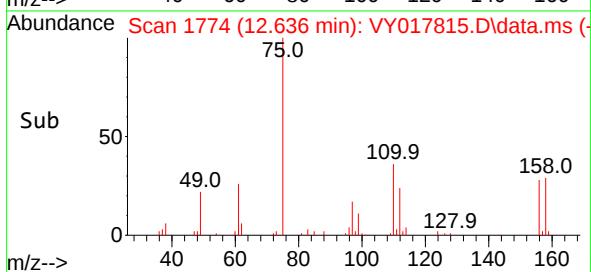
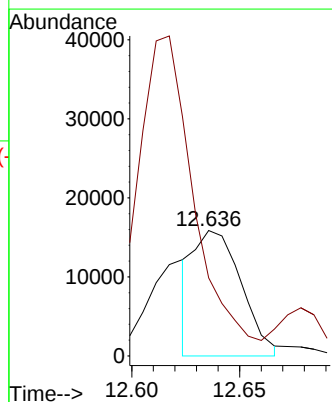
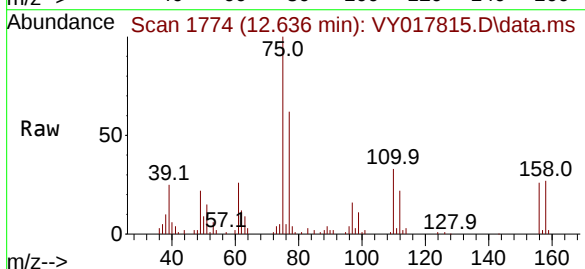
Acq: 02 Apr 2024 10:19

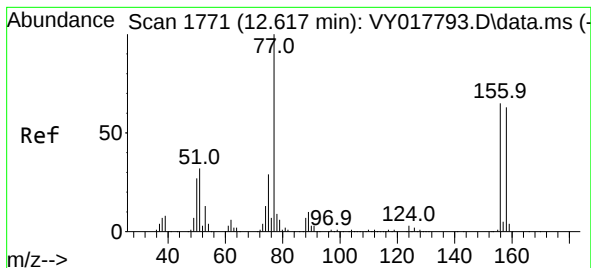
Tgt Ion: 75 Resp: 24418

Ion Ratio Lower Upper

75 100

77 305.4 0.0 0.0#





#77

Bromobenzene

Concen: 17.418 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBS01

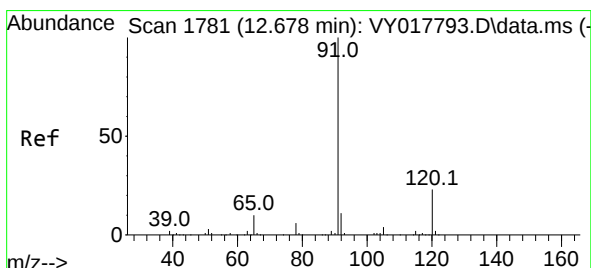
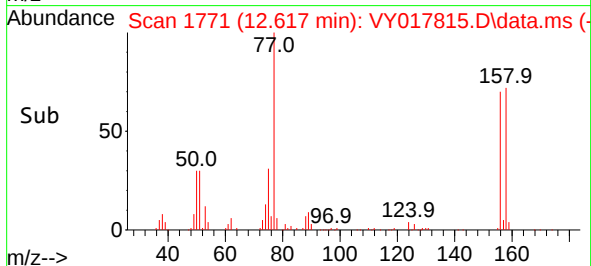
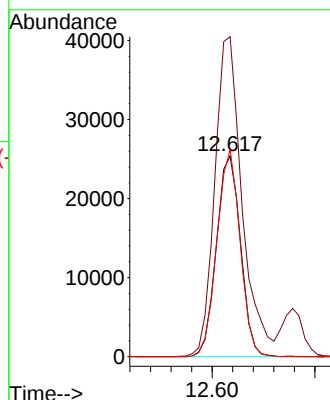
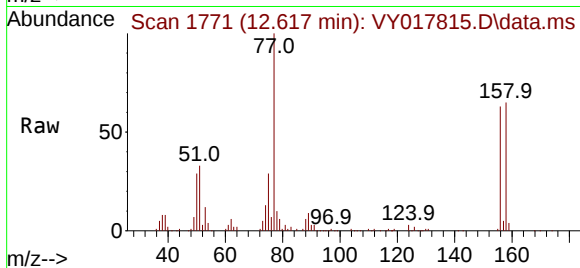
Tgt Ion:156 Resp: 41347

Ion Ratio Lower Upper

156 100

77 180.4 87.1 261.3

158 99.1 48.6 145.9



#78

n-propylbenzene

Concen: 18.679 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017815.D

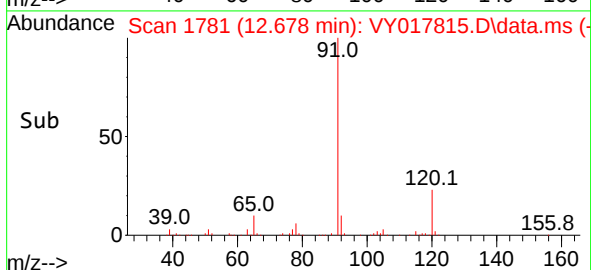
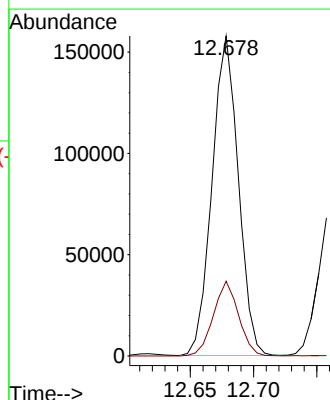
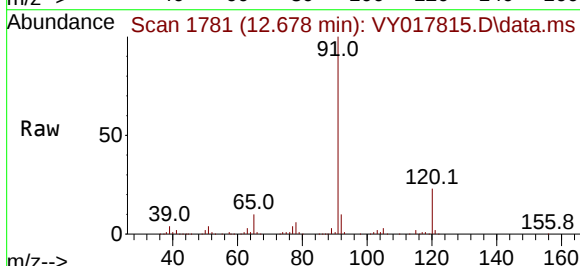
Acq: 02 Apr 2024 10:19

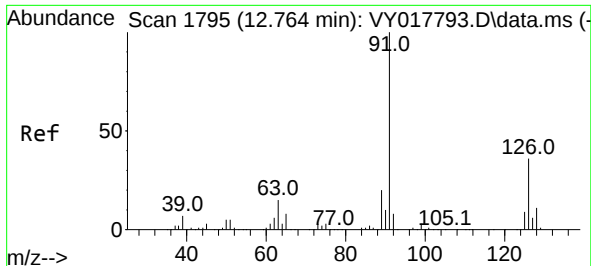
Tgt Ion: 91 Resp: 227168

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

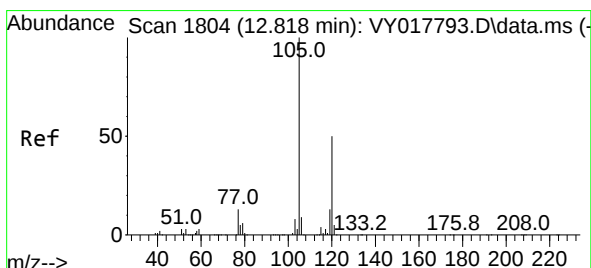
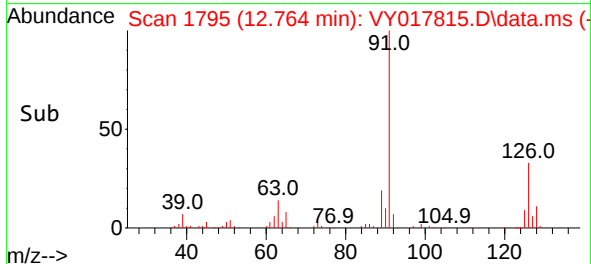
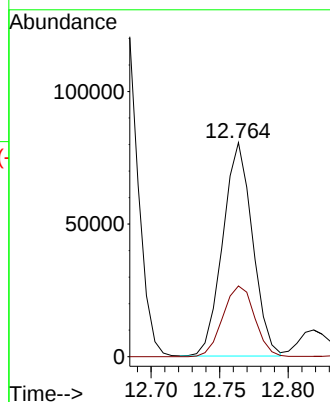
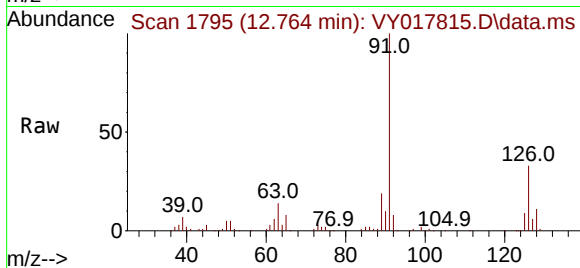




#79
2-Chlorotoluene
Concen: 18.297 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

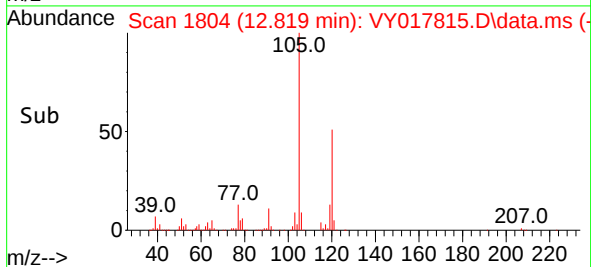
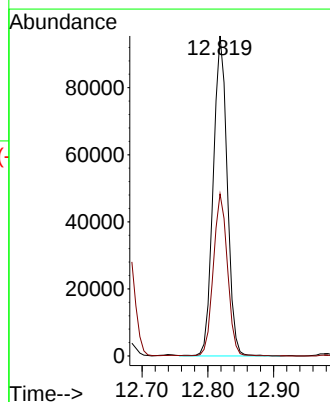
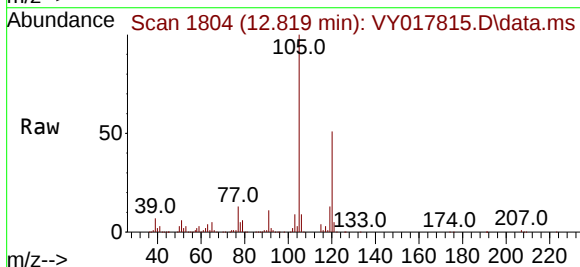
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

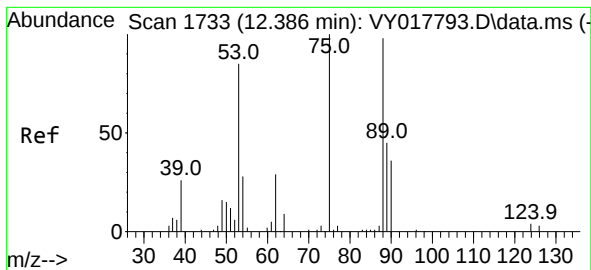
Tgt Ion: 91 Resp: 121887
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 18.196 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 105 Resp: 141540
Ion Ratio Lower Upper
105 100
120 51.1 25.1 75.2

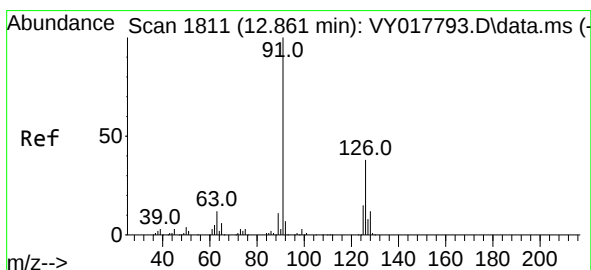
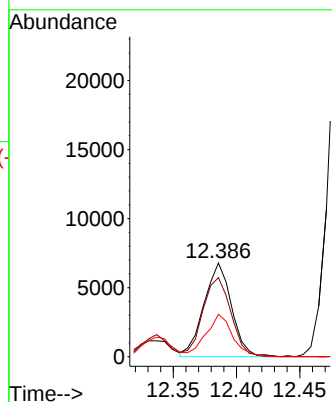
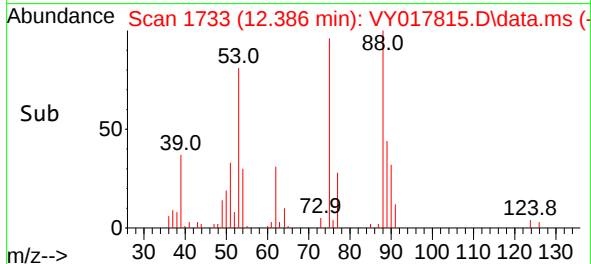
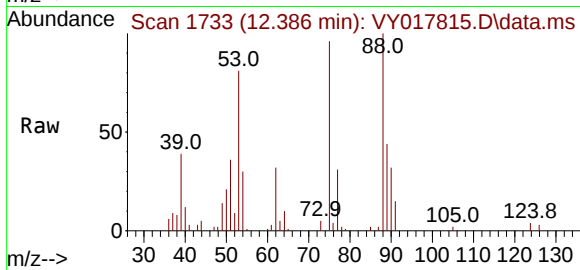




#81
trans-1,4-Dichloro-2-butene
Concen: 20.364 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

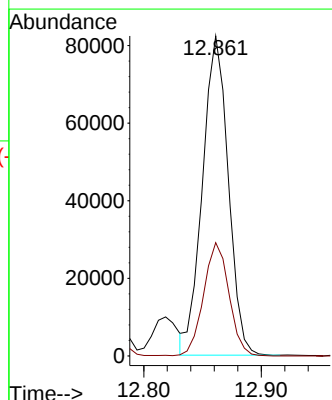
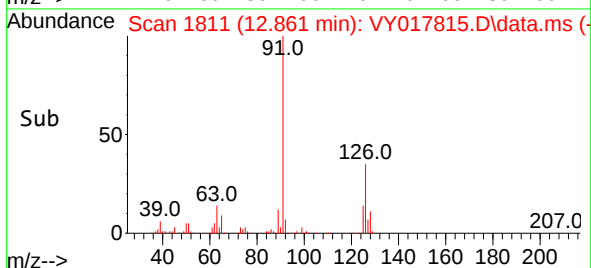
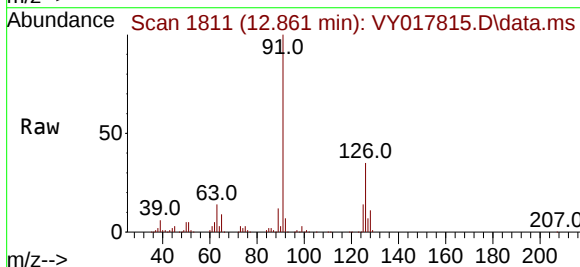
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

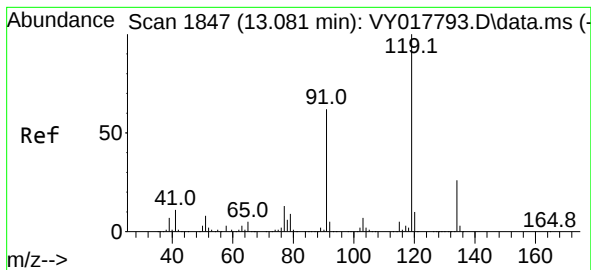
Tgt Ion:	75	Resp:	10296
Ion	Ratio	Lower	Upper
75	100		
53	86.8	66.8	100.2
89	42.7	35.8	53.6



#82
4-Chlorotoluene
Concen: 18.125 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion:	91	Resp:	125023
Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.6	52.9





#83

tert-Butylbenzene

Concen: 18.184 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

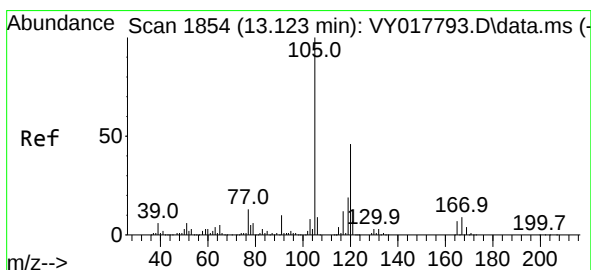
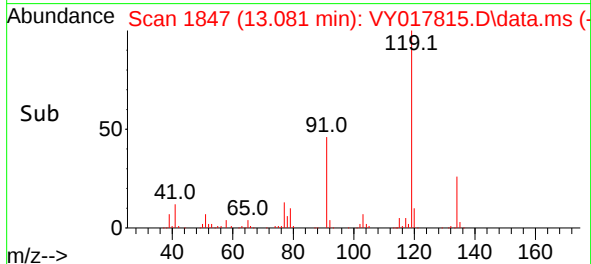
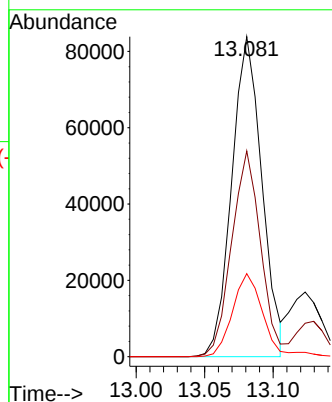
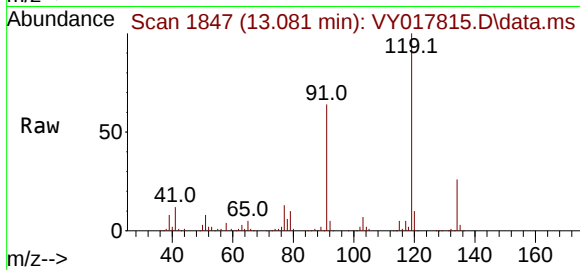
Tgt Ion:119 Resp: 128598

Ion Ratio Lower Upper

119 100

91 61.5 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.032 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017815.D

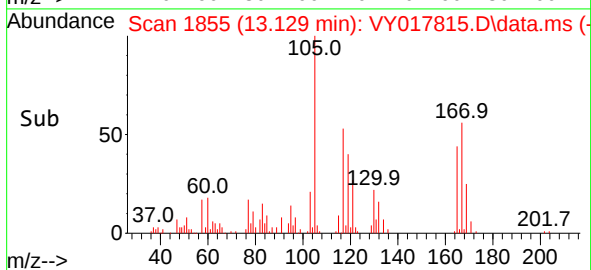
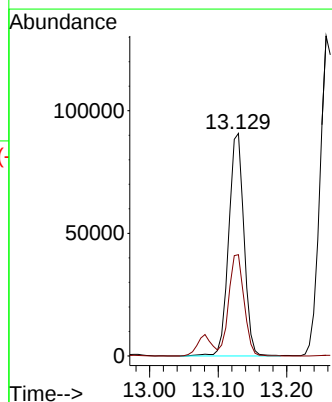
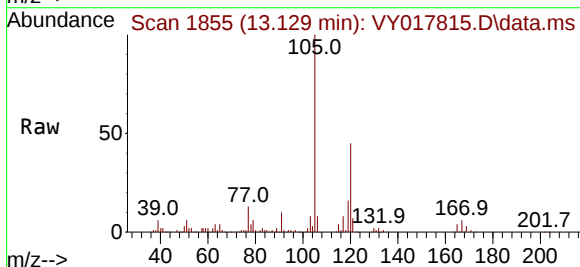
Acq: 02 Apr 2024 10:19

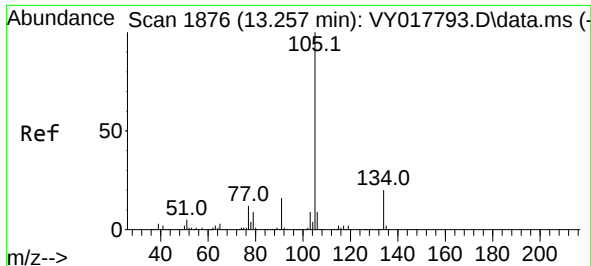
Tgt Ion:105 Resp: 139699

Ion Ratio Lower Upper

105 100

120 45.7 23.2 69.6

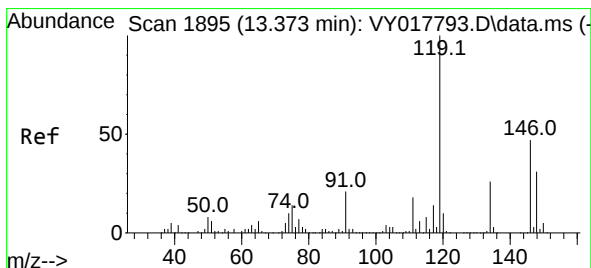
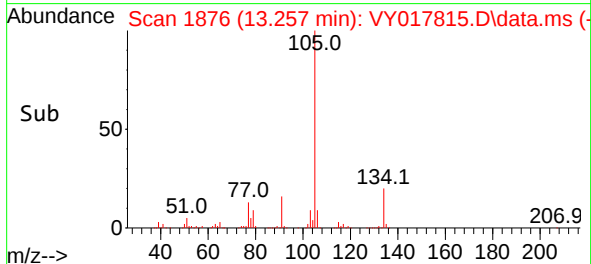
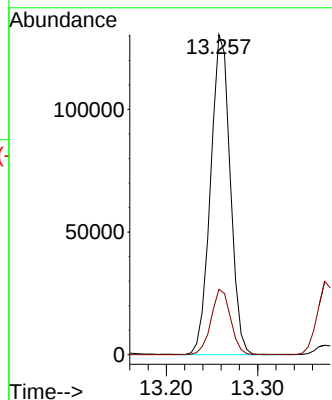
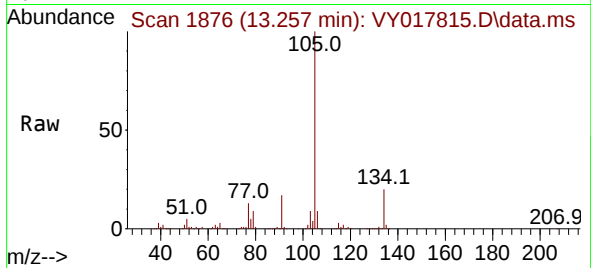




#85
 sec-Butylbenzene
 Concen: 18.364 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY017815.D
 Acq: 02 Apr 2024 10:19

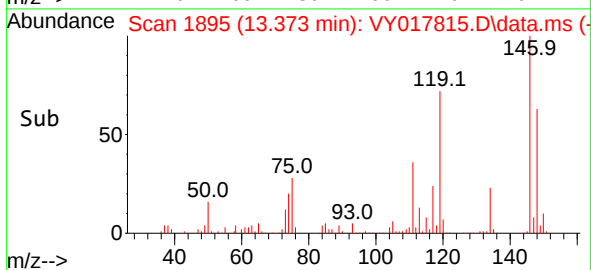
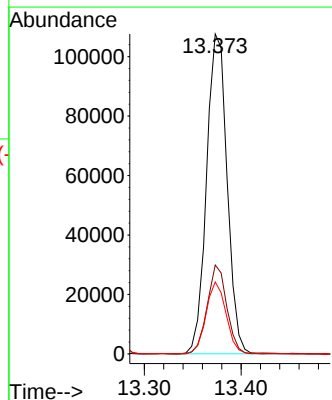
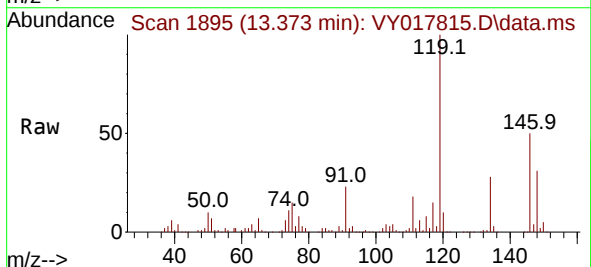
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBSD01

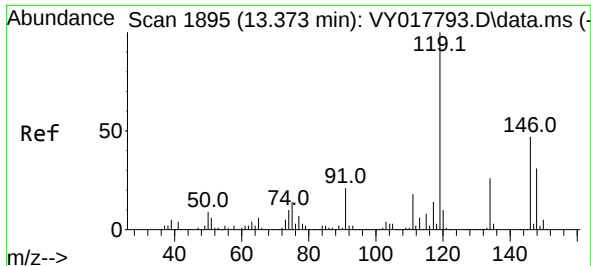
Tgt Ion:105 Resp: 194921
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 17.856 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017815.D
 Acq: 02 Apr 2024 10:19

Tgt Ion:119 Resp: 158420
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 17.485 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

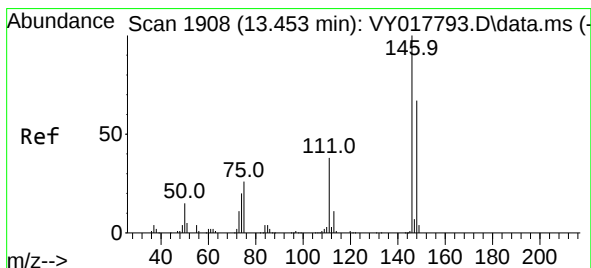
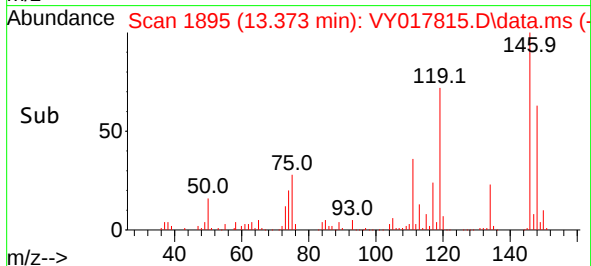
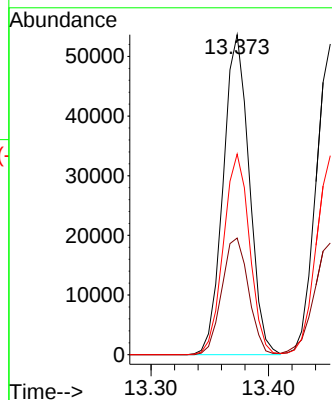
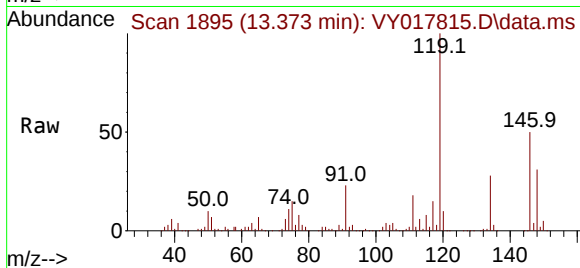
Tgt Ion:146 Resp: 82362

Ion Ratio Lower Upper

146 100

111 37.6 19.0 57.0

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 18.145 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

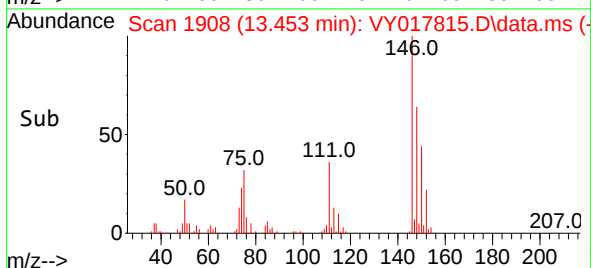
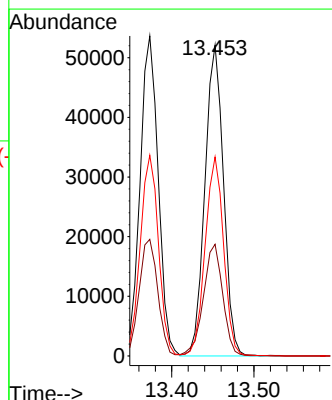
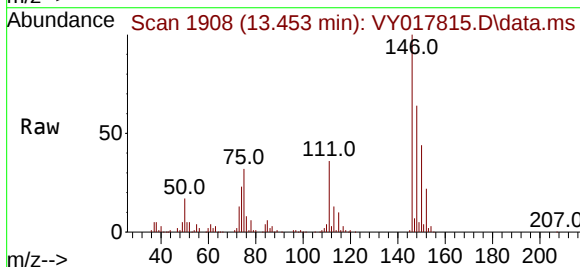
Tgt Ion:146 Resp: 81808

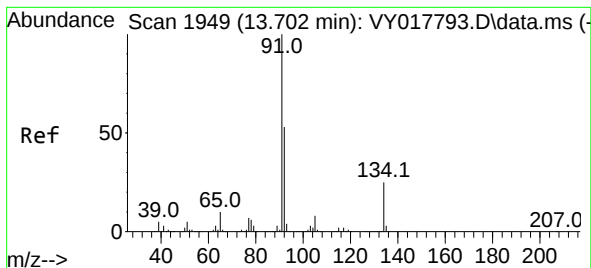
Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.4

148 63.9 32.4 97.2

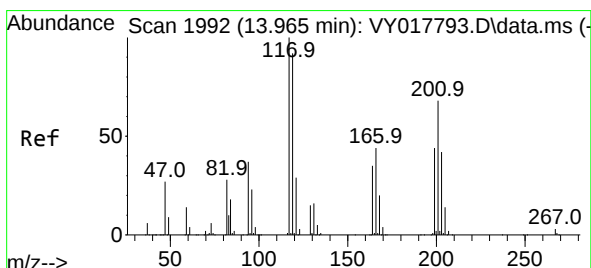
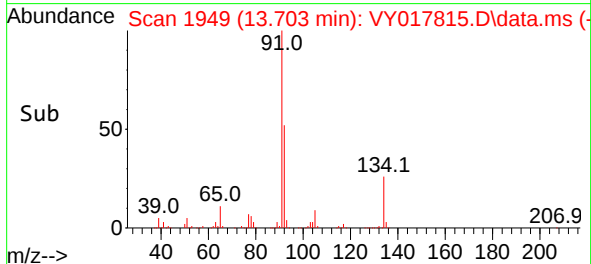
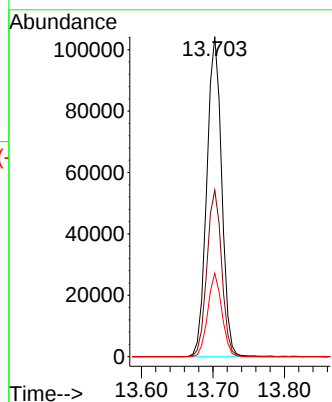
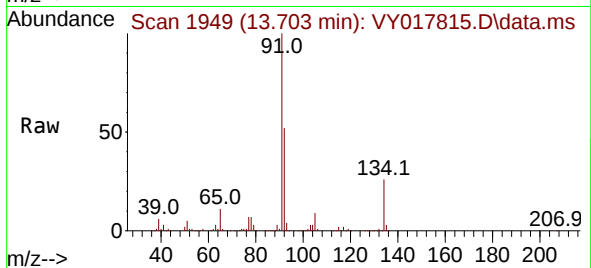




#89
n-Butylbenzene
Concen: 18.475 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

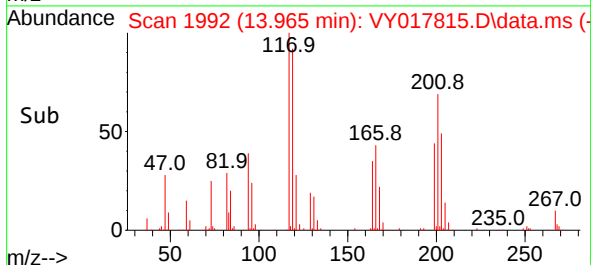
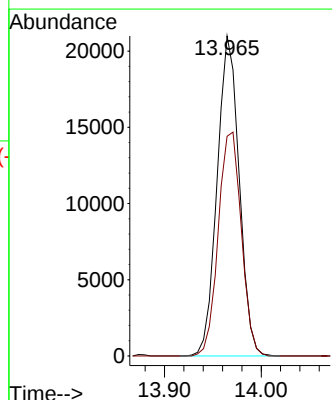
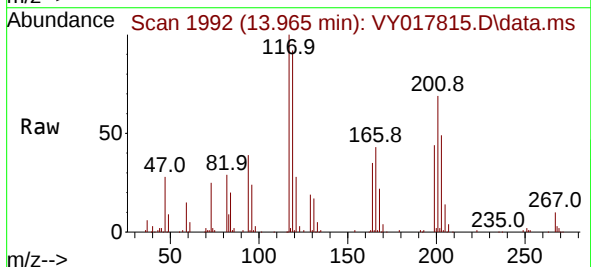
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

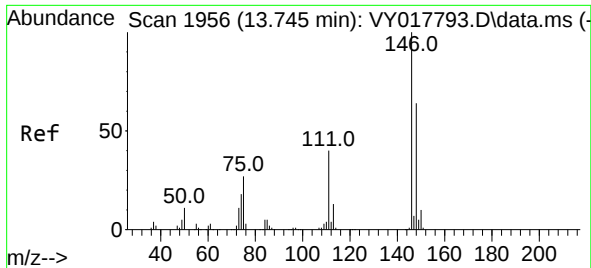
Tgt Ion: 91 Resp: 150806
Ion Ratio Lower Upper
91 100
92 51.6 26.6 79.7
134 24.6 12.9 38.7



#90
Hexachloroethane
Concen: 18.791 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 117 Resp: 33151
Ion Ratio Lower Upper
117 100
201 73.3 37.4 112.2

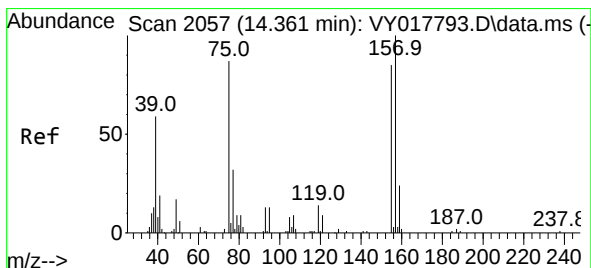
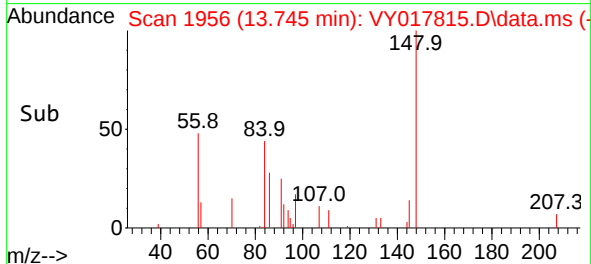
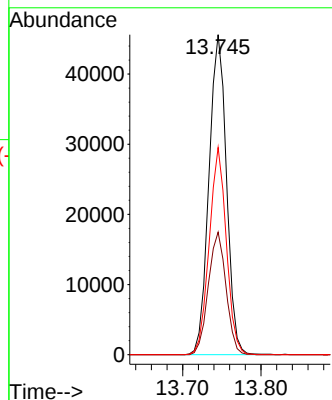
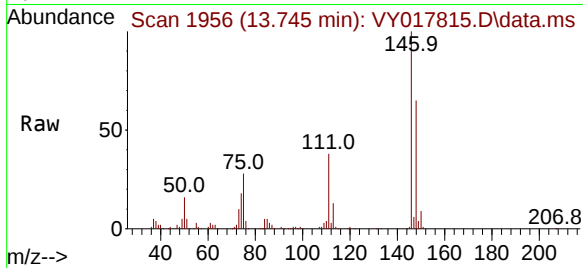




#91
1,2-Dichlorobenzene
Concen: 18.110 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

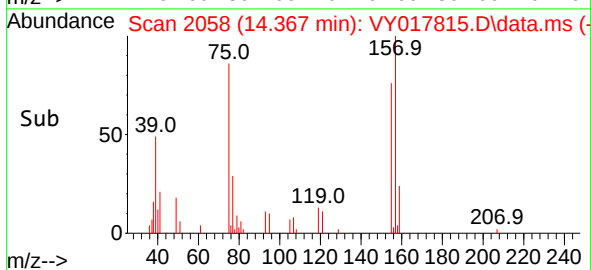
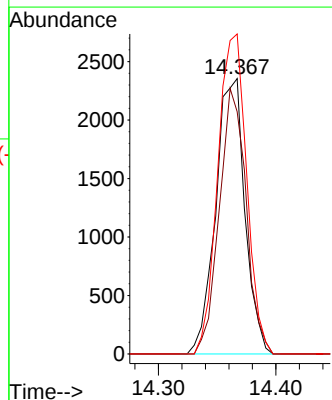
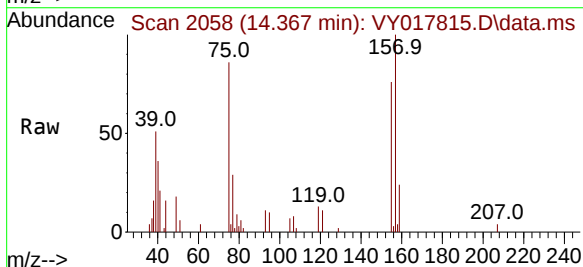
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBSD01

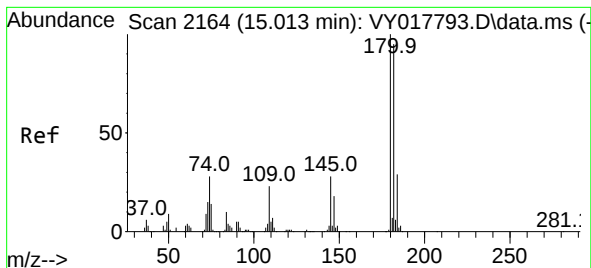
Tgt Ion:146 Resp: 70711
Ion Ratio Lower Upper
146 100
111 38.7 19.9 59.7
148 63.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.473 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY017815.D
Acq: 02 Apr 2024 10:19

Tgt Ion: 75 Resp: 4071
Ion Ratio Lower Upper
75 100
155 88.3 48.6 145.8
157 114.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 17.175 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

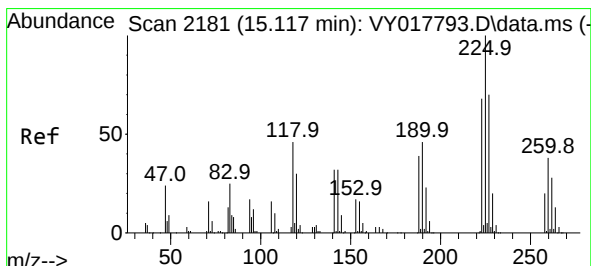
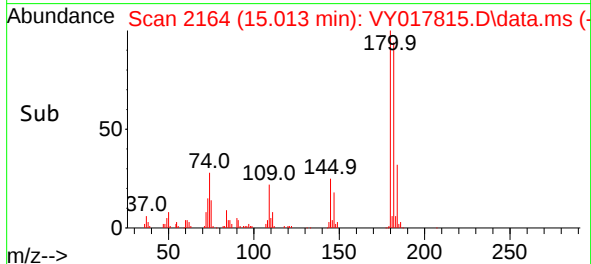
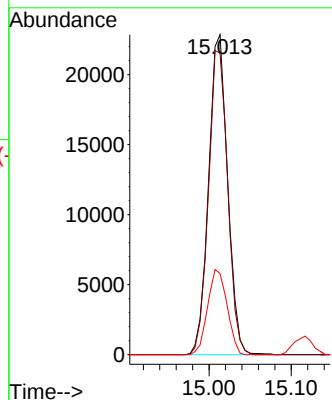
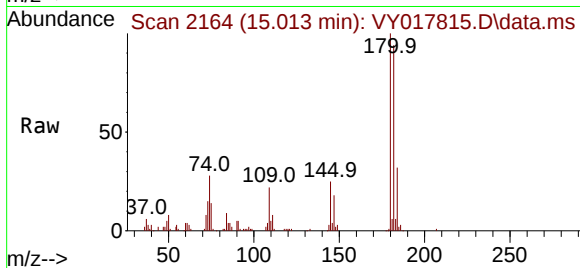
Tgt Ion:180 Resp: 36731

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.8

145 27.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.947 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

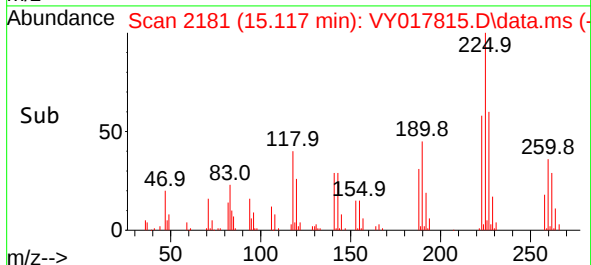
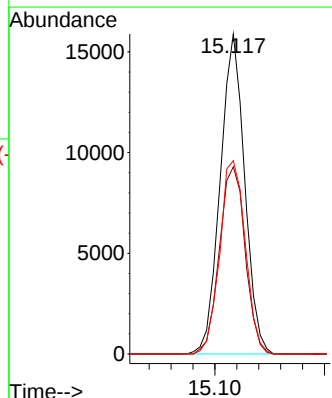
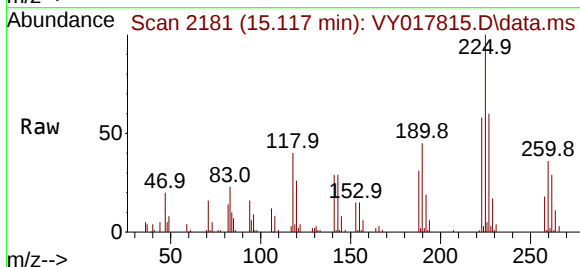
Tgt Ion:225 Resp: 24563

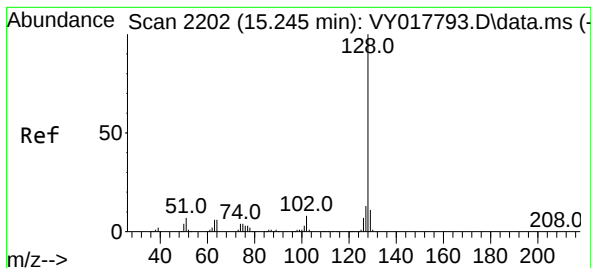
Ion Ratio Lower Upper

225 100

223 61.6 30.4 91.2

227 63.2 31.9 95.9





#95

Naphthalene

Concen: 18.723 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBSD01

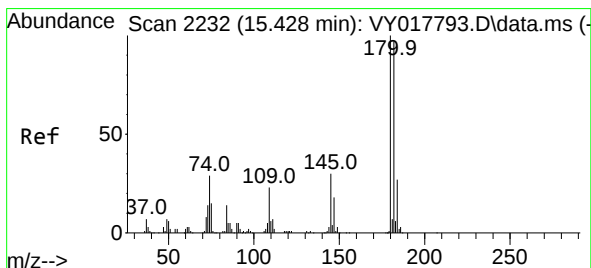
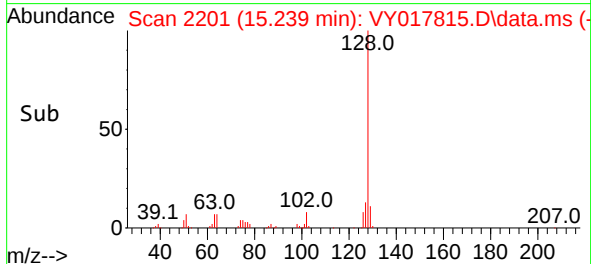
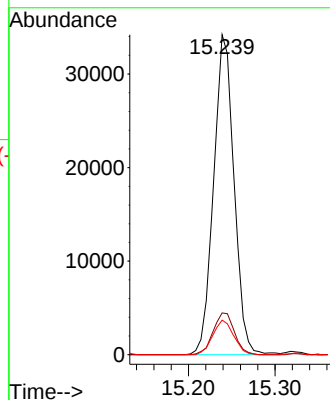
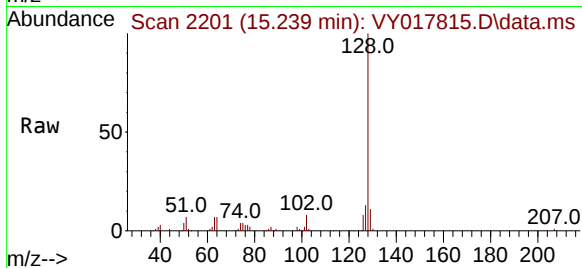
Tgt Ion:128 Resp: 55981

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.186 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017815.D

Acq: 02 Apr 2024 10:19

Tgt Ion:180 Resp: 31045

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.9

145 30.5 15.4 46.1

