

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017919.D
 Acq On : 12 Apr 2024 09:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 13 00:26:30 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	7.789	168	136675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	217985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	89117	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72425	61.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.48%
35) Dibromofluoromethane	7.722	113	77305	61.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.74%
50) Toluene-d8	10.185	98	277429	58.96	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.92%
62) 4-Bromofluorobenzene	12.483	95	84788	59.23	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	118.46%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	43626	47.73	ug/l 99
3) Chloromethane	2.113	50	90544	50.75	ug/l 100
4) Vinyl Chloride	2.247	62	136404	58.51	ug/l 98
5) Bromomethane	2.650	94	121942	64.69	ug/l 98
6) Chloroethane	2.790	64	103454	68.01	ug/l 99
7) Trichlorofluoromethane	3.119	101	115193	50.67	ug/l 94
8) Diethyl Ether	3.528	74	32785	49.09	ug/l 95
9) 1,1,2-Trichlorotrifluo...	3.900	101	62347	45.73	ug/l 98
10) Methyl Iodide	4.089	142	70777	47.73	ug/l 97
11) Tert butyl alcohol	4.942	59	20231	231.75	ug/l # 82
12) 1,1-Dichloroethene	3.869	96	57857	45.35	ug/l 96
13) Acrolein	3.723	56	16998	205.14	ug/l 98
14) Allyl chloride	4.473	41	66981	42.79	ug/l 88
15) Acrylonitrile	5.155	53	67527	239.53	ug/l 99
16) Acetone	3.942	43	63715	260.62	ug/l 93
17) Carbon Disulfide	4.192	76	149652	41.45	ug/l 98
18) Methyl Acetate	4.473	43	26035	48.08	ug/l 100
19) Methyl tert-butyl Ether	5.222	73	148803	50.94	ug/l 98
20) Methylene Chloride	4.710	84	69249	46.01	ug/l 98
21) trans-1,2-Dichloroethene	5.216	96	66315	48.57	ug/l 97
22) Diisopropyl ether	6.119	45	176321	48.73	ug/l 95
23) Vinyl Acetate	6.058	43	541949	245.34	ug/l 99
24) 1,1-Dichloroethane	6.015	63	118979	49.55	ug/l 97
25) 2-Butanone	6.984	43	87675	251.74	ug/l 98
26) 2,2-Dichloropropane	6.978	77	100579	48.49	ug/l 99
27) cis-1,2-Dichloroethene	6.984	96	81767	50.67	ug/l 98
28) Bromochloromethane	7.332	49	47921	49.07	ug/l 97
29) Tetrahydrofuran	7.350	42	50232	240.38	ug/l 100
30) Chloroform	7.509	83	130177	52.25	ug/l 100
31) Cyclohexane	7.789	56	83250	39.96	ug/l 99
32) 1,1,1-Trichloroethane	7.704	97	107260	50.58	ug/l 97
36) 1,1-Dichloropropene	7.917	75	87027	47.35	ug/l 96
37) Ethyl Acetate	7.076	43	37552	47.35	ug/l 98
38) Carbon Tetrachloride	7.905	117	93457	48.98	ug/l 98
39) Methylcyclohexane	9.185	83	100857	43.93	ug/l 98
40) Benzene	8.161	78	276821	48.87	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	48307	91.79	ug/l #	38
42) 1,2-Dichloroethane	8.240	62	72531	52.03	ug/l	98
43) Isopropyl Acetate	8.277	43	68547	47.62	ug/l	98
44) Trichloroethene	8.941	130	70721	47.99	ug/l	99
45) 1,2-Dichloropropane	9.216	63	64928	49.33	ug/l	97
46) Dibromomethane	9.307	93	37905	50.69	ug/l	99
47) Bromodichloromethane	9.496	83	99845	52.85	ug/l	99
48) Methyl methacrylate	9.295	41	29885	49.09	ug/l #	90
49) 1,4-Dioxane	9.301	88	8269	985.09	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	191753	266.33	ug/l	98
52) Toluene	10.246	92	171419	49.90	ug/l	98
53) t-1,3-Dichloropropene	10.472	75	84386	50.30	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	102480	50.05	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	51494	51.68	ug/l	97
56) Ethyl methacrylate	10.514	69	64527	52.36	ug/l #	94
57) 1,3-Dichloropropane	10.795	76	85680	50.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	182745	287.30	ug/l	99
59) 2-Hexanone	10.837	43	134962	263.73	ug/l	99
60) Dibromochloromethane	10.990	129	65044	51.76	ug/l	100
61) 1,2-Dibromoethane	11.093	107	46273	50.93	ug/l	99
64) Tetrachloroethene	10.721	164	80722	47.74	ug/l	98
65) Chlorobenzene	11.520	112	190006	47.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	68328	50.61	ug/l	99
67) Ethyl Benzene	11.599	91	336888	49.28	ug/l	99
68) m/p-Xylenes	11.709	106	257069	99.16	ug/l	98
69) o-Xylene	12.032	106	119483	54.74	ug/l	99
70) Styrene	12.051	104	210797	55.81	ug/l	99
71) Bromoform	12.209	173	37539	50.16	ug/l #	97
73) Isopropylbenzene	12.337	105	316192	50.63	ug/l	99
74) N-amyl acetate	12.148	43	58447	49.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	53119	49.17	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	70738	87.11	ug/l #	100
77) Bromobenzene	12.611	156	73681	49.54	ug/l	98
78) n-propylbenzene	12.672	91	382386	50.18	ug/l	99
79) 2-Chlorotoluene	12.764	91	205244	49.17	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	248450	50.97	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	17459	50.11	ug/l	95
82) 4-Chlorotoluene	12.861	91	211570	48.95	ug/l	97
83) tert-Butylbenzene	13.081	119	220705	49.81	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	248571	51.21	ug/l	100
85) sec-Butylbenzene	13.258	105	337249	50.71	ug/l	100
86) p-Isopropyltoluene	13.373	119	280800	50.51	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	148592	50.35	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	140016	49.56	ug/l	100
89) n-Butylbenzene	13.703	91	258820	50.60	ug/l	98
90) Hexachloroethane	13.965	117	72132	65.25	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	123639	50.54	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12566	86.08	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	134018	100.01	ug/l	99
94) Hexachlorobutadiene	15.117	225	80538	99.14	ug/l	98
95) Naphthalene	15.239	128	218196	86.85	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	112323	99.23	ug/l	99

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ClientSampleId :

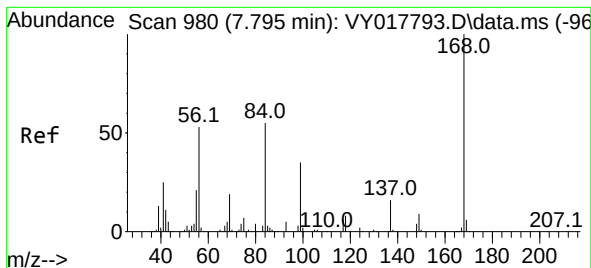
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

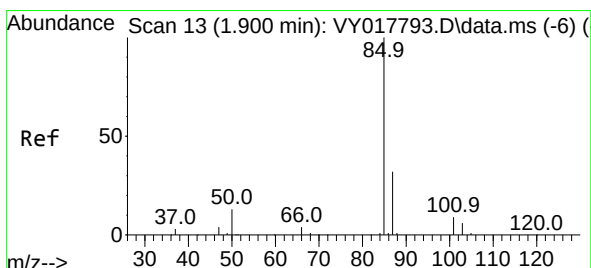
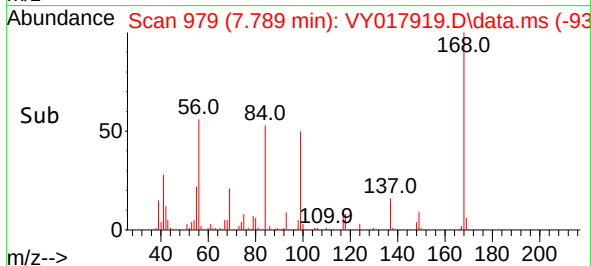
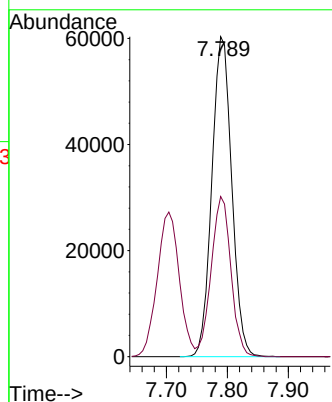
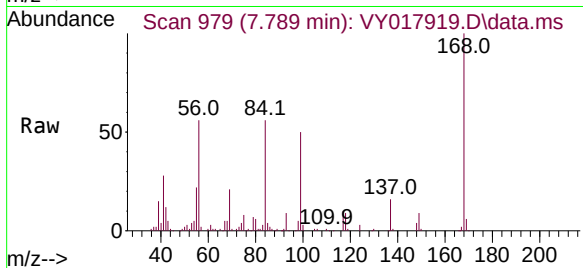
ClientSampleId :

Tgt Ion:168 Resp: 136675

Ion Ratio Lower Upper

168 100

99 50.1 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 47.73 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY017919.D

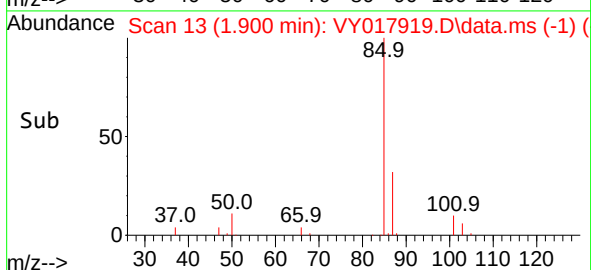
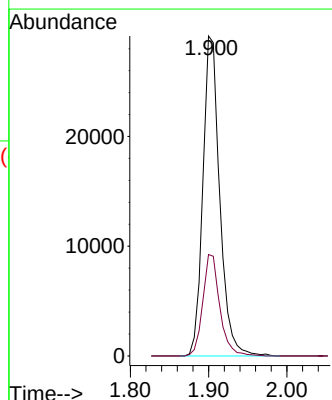
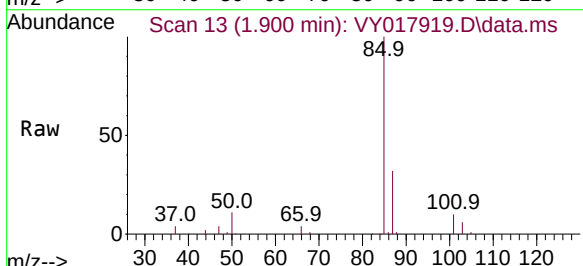
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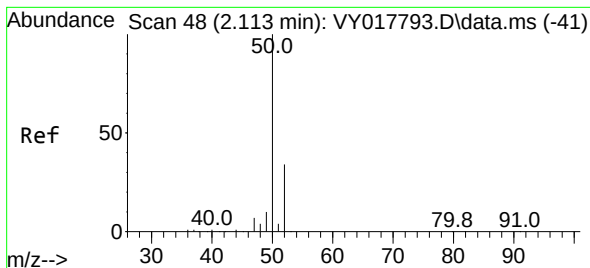
Tgt Ion: 85 Resp: 43626

Ion Ratio Lower Upper

85 100

87 31.7 16.0 48.0





#3

Chloromethane

Concen: 50.75 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

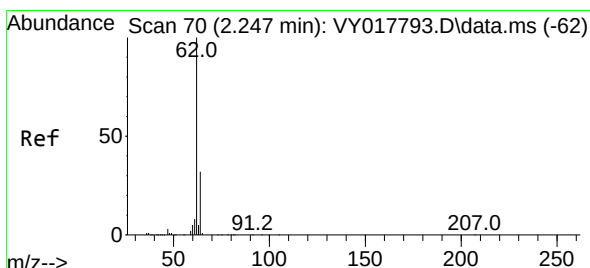
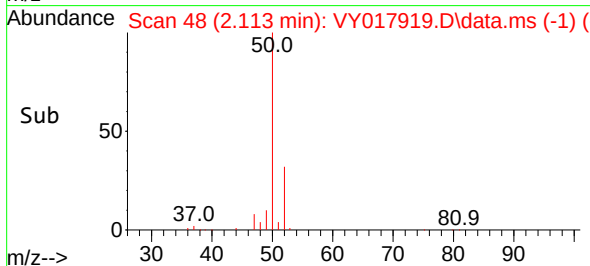
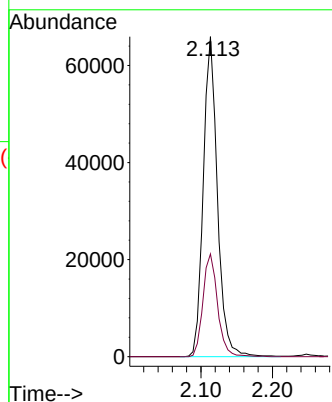
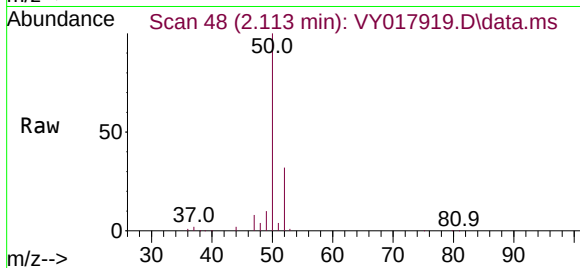
ClientSampleId :

Tgt Ion: 50 Resp: 90544

Ion Ratio Lower Upper

50 100

52 32.1 25.6 38.4



#4

Vinyl Chloride

Concen: 58.51 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017919.D

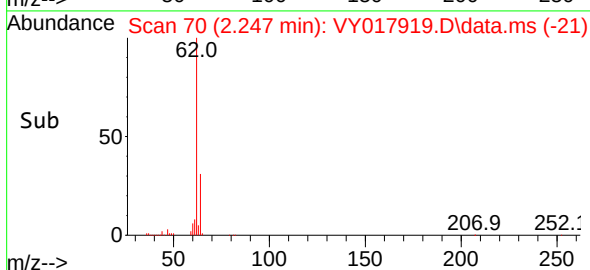
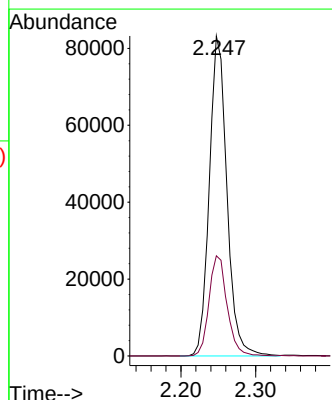
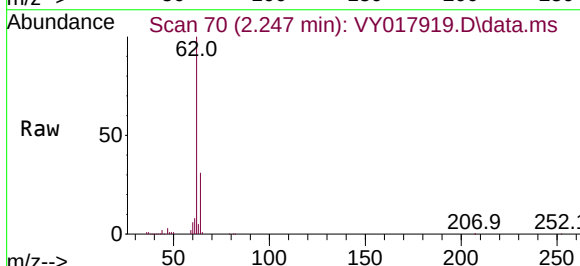
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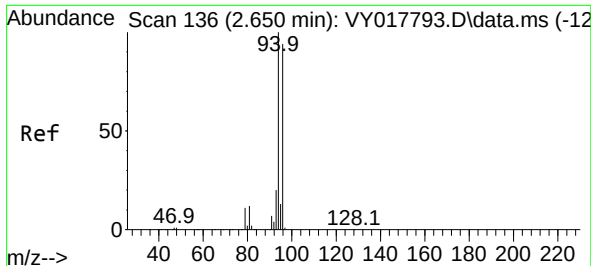
Tgt Ion: 62 Resp: 136404

Ion Ratio Lower Upper

62 100

64 31.3 26.1 39.1

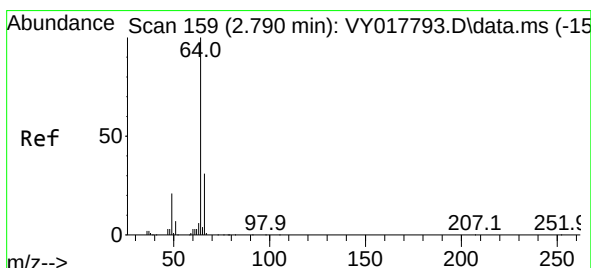
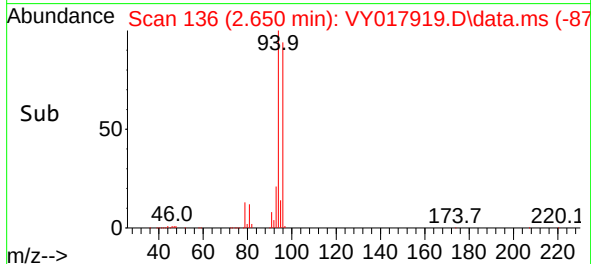
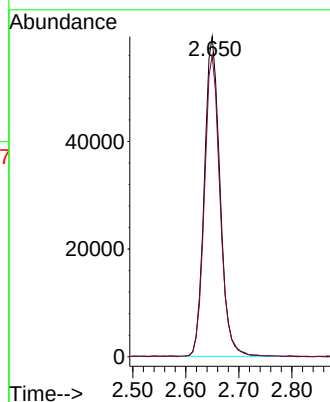
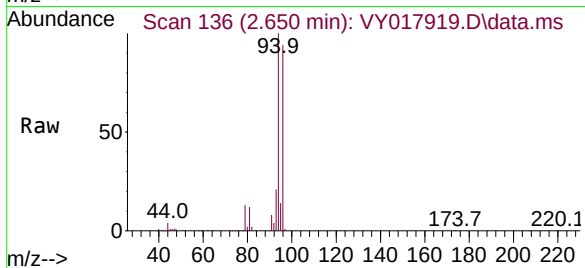




#5
Bromomethane
Concen: 64.69 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

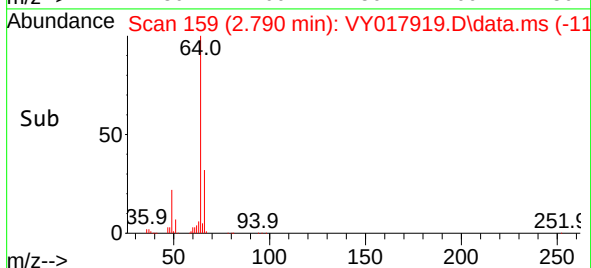
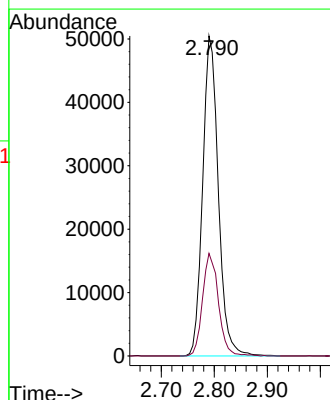
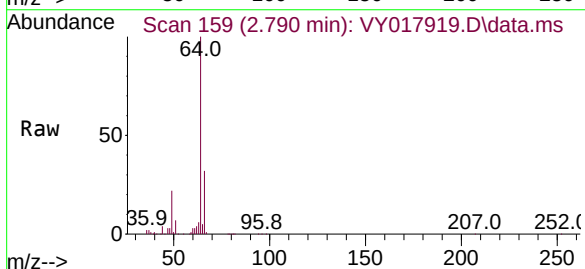
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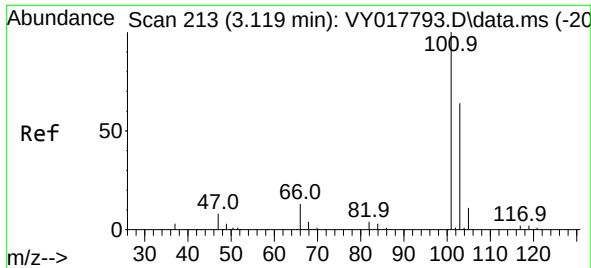
Tgt Ion: 94 Resp: 121942
Ion Ratio Lower Upper
94 100
96 94.1 74.1 111.1



#6
Chloroethane
Concen: 68.01 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion: 64 Resp: 103454
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

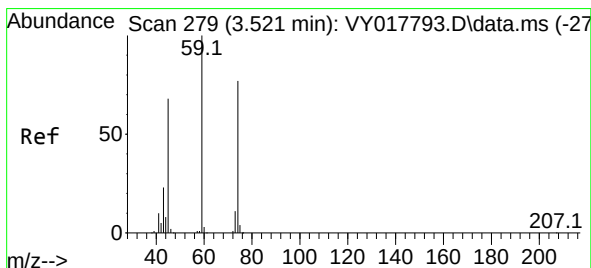
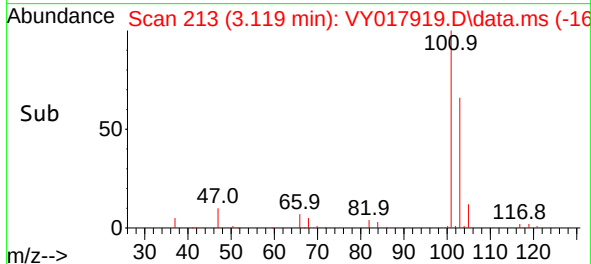
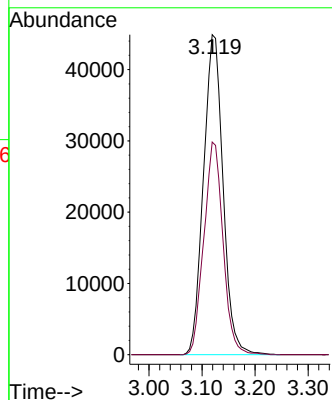
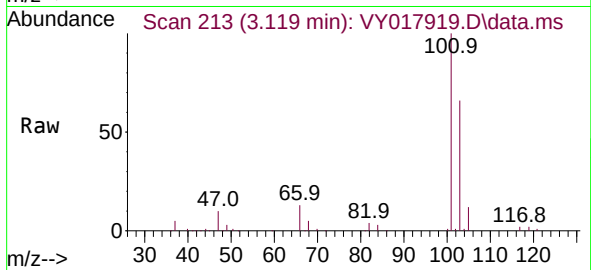




#7
 Trichlorofluoromethane
 Concen: 50.67 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY017919.D
 Acq: 12 Apr 2024 09:28

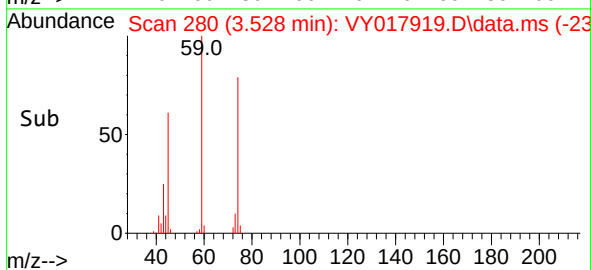
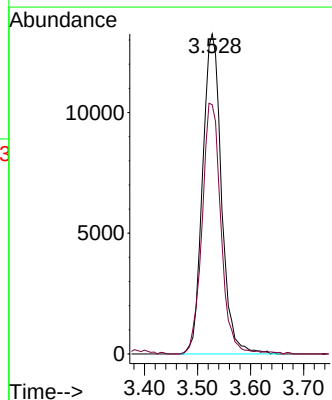
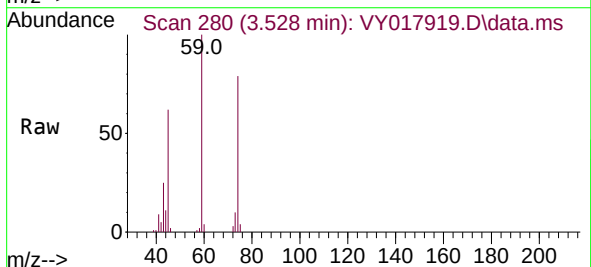
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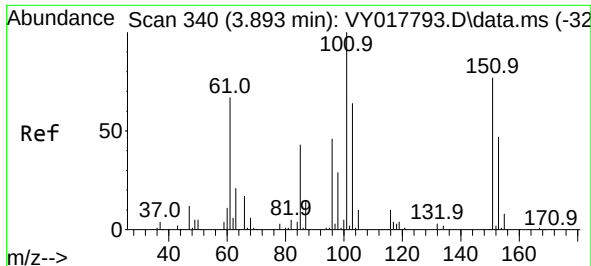
Tgt Ion:101 Resp: 115193
 Ion Ratio Lower Upper
 101 100
 103 66.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 49.09 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY017919.D
 Acq: 12 Apr 2024 09:28

Tgt Ion: 74 Resp: 32785
 Ion Ratio Lower Upper
 74 100
 45 78.5 41.3 124.1

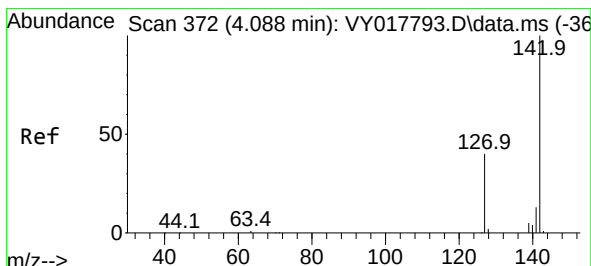
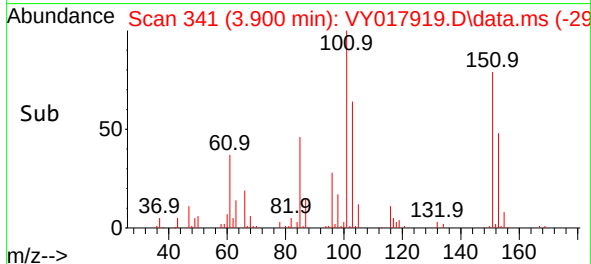
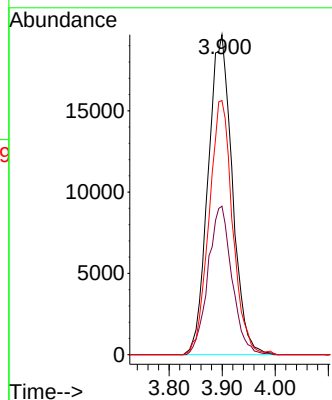
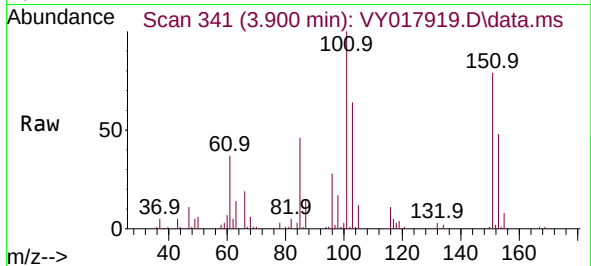




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.73 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017919.D
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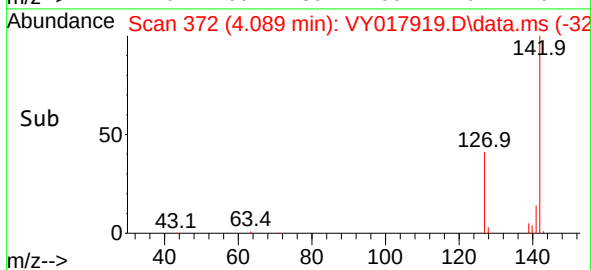
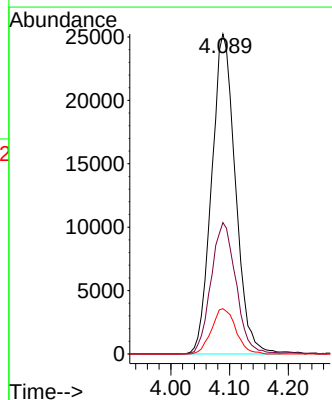
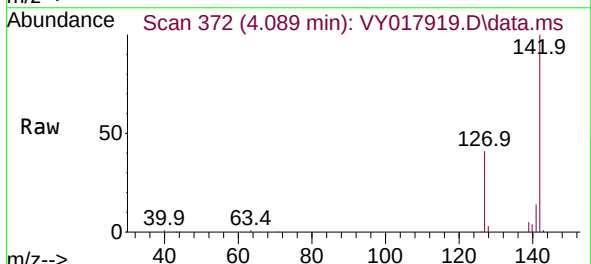
Instrument :
MSVOA_Y
ClientSampleId :

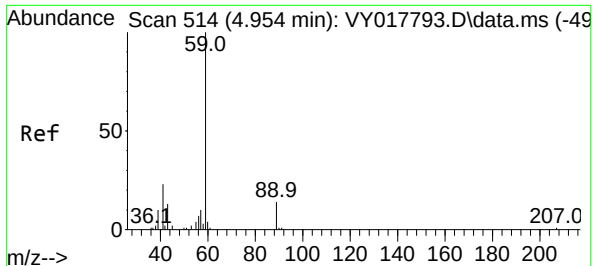
Tgt Ion:101 Resp: 62347
Ion Ratio Lower Upper
101 100
85 45.9 34.5 51.7
151 77.4 61.7 92.5



#10
Methyl Iodide
Concen: 47.73 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.001 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

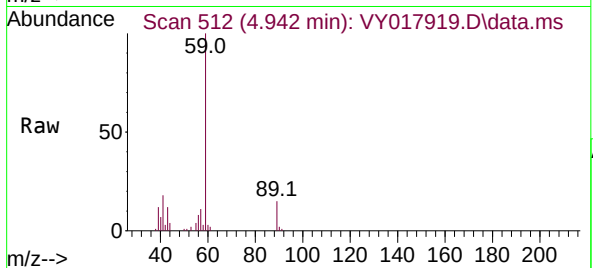
Tgt Ion:142 Resp: 70777
Ion Ratio Lower Upper
142 100
127 43.2 32.8 49.2
141 14.4 11.4 17.2



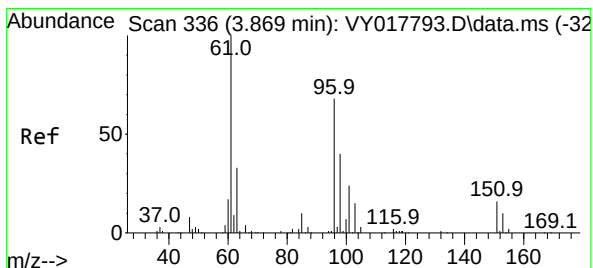
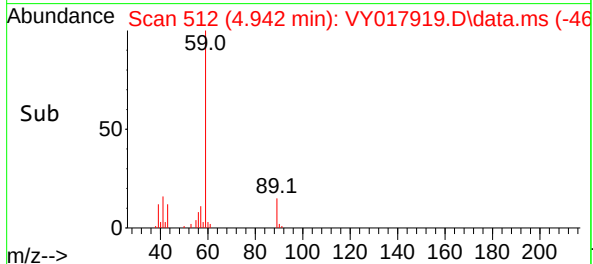
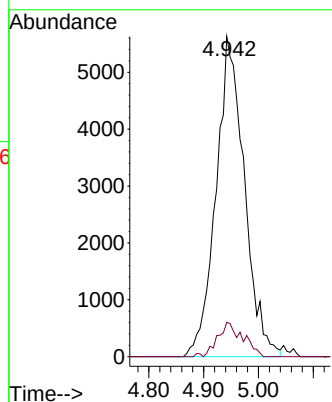


#11
Tert butyl alcohol
Concen: 231.75 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Instrument :
MSVOA_Y
ClientSampleId :

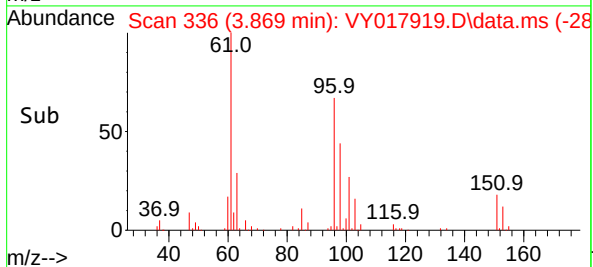
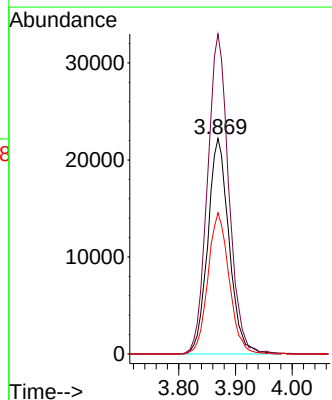
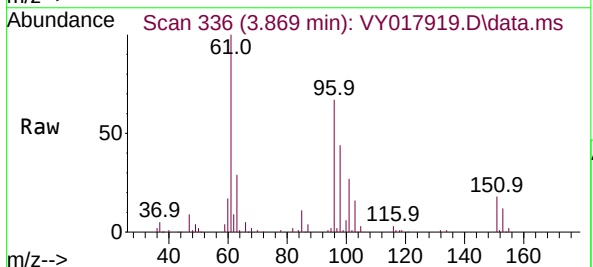


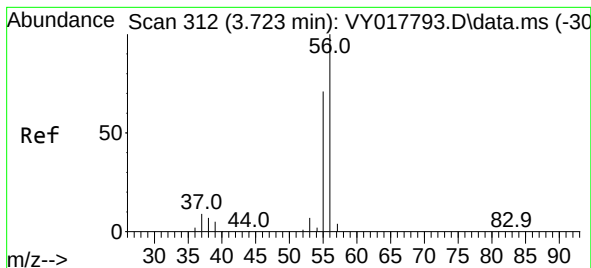
Tgt Ion: 59 Resp: 20231
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 45.35 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion: 96 Resp: 57857
Ion Ratio Lower Upper
96 100
61 148.5 114.6 171.8
98 65.5 50.8 76.2





#13

Acrolein

Concen: 205.14 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

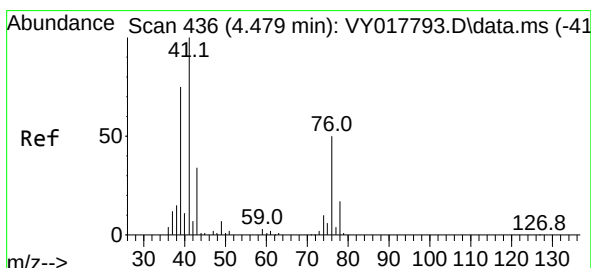
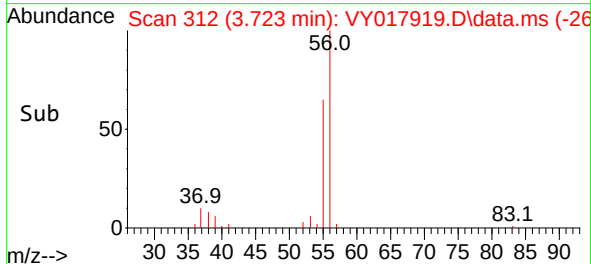
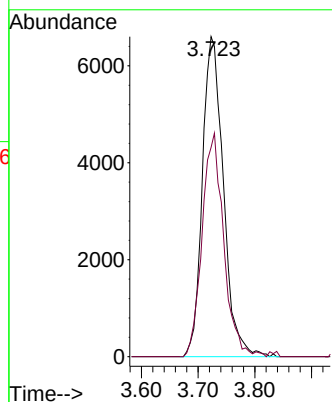
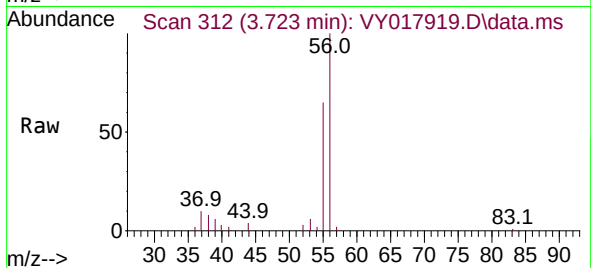
ClientSampleId :

Tgt Ion: 56 Resp: 16998

Ion Ratio Lower Upper

56 100

55 71.0 55.7 83.5



#14

Allyl chloride

Concen: 42.79 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

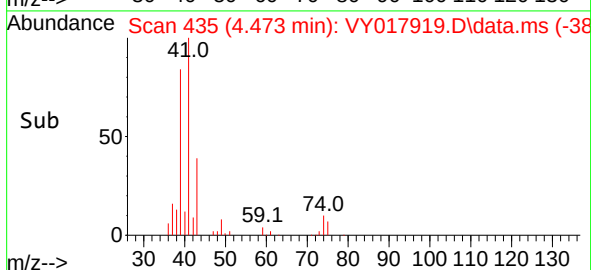
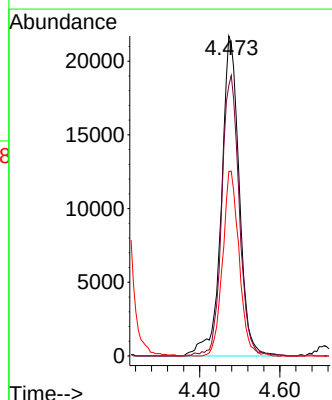
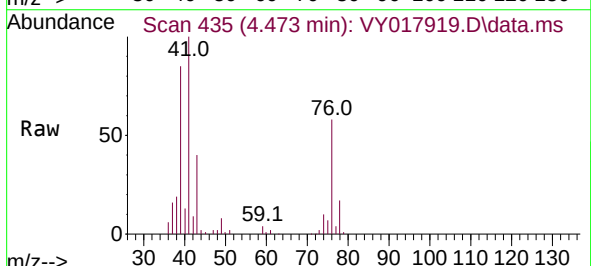
Tgt Ion: 41 Resp: 66981

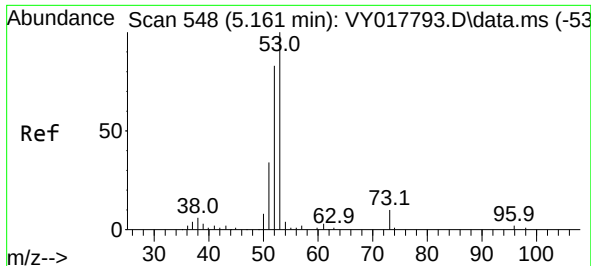
Ion Ratio Lower Upper

41 100

39 86.1 58.3 87.5

76 53.5 39.0 58.6

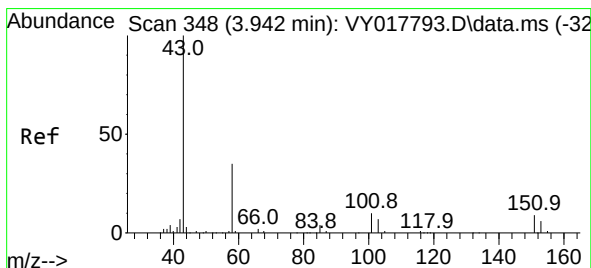
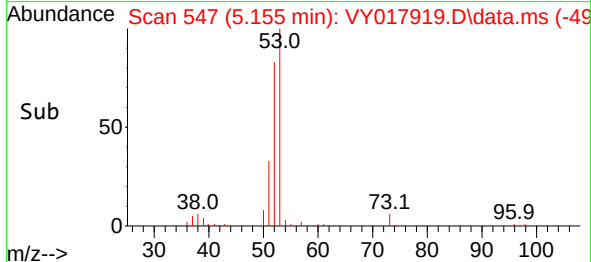
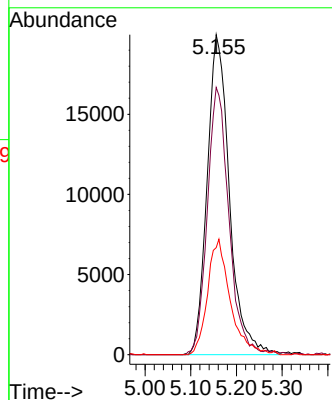
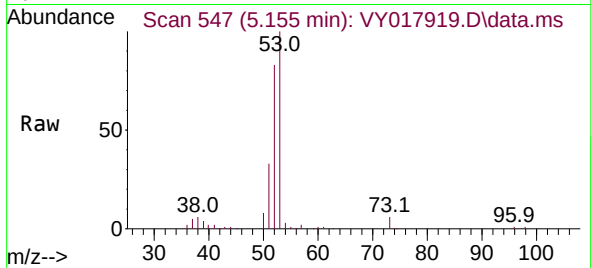




#15
Acrylonitrile
Concen: 239.53 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

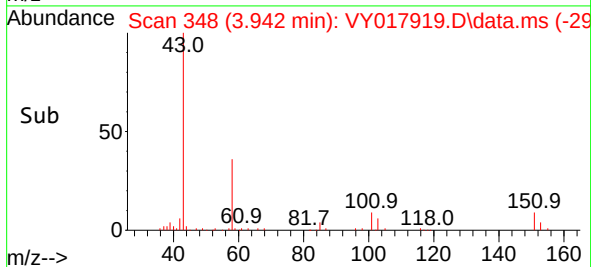
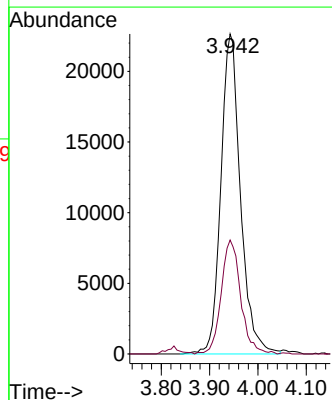
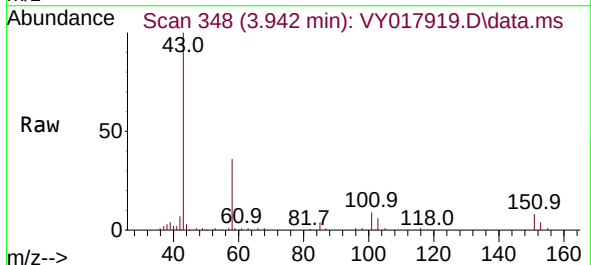
Instrument :
MSVOA_Y
ClientSampleId :

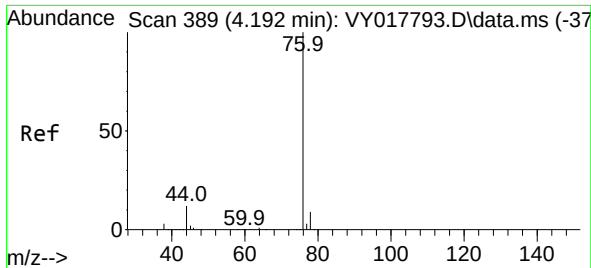
Tgt Ion: 53 Resp: 67527
Ion Ratio Lower Upper
53 100
52 80.7 64.7 97.1
51 36.7 28.4 42.6



#16
Acetone
Concen: 260.62 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion: 43 Resp: 63715
Ion Ratio Lower Upper
43 100
58 35.4 31.7 47.5

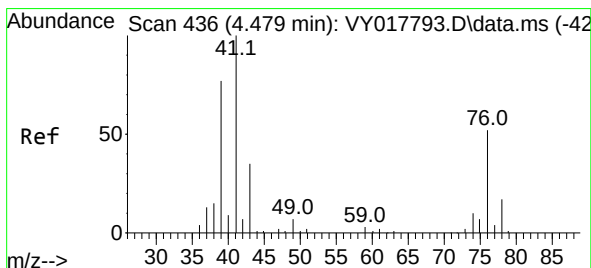
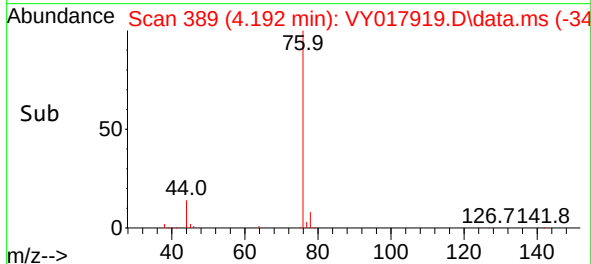
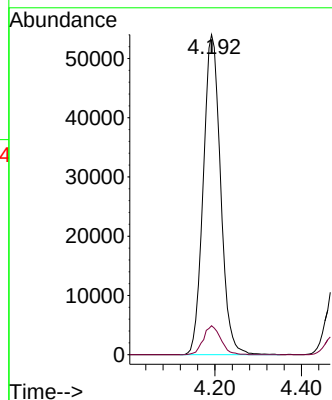
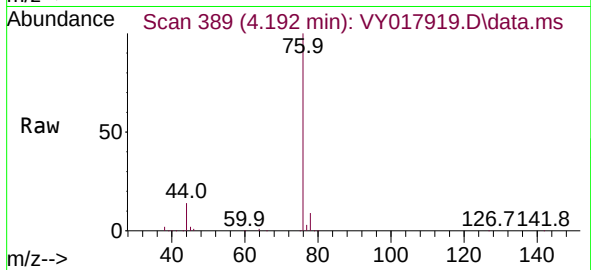




#17
Carbon Disulfide
Concen: 41.45 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

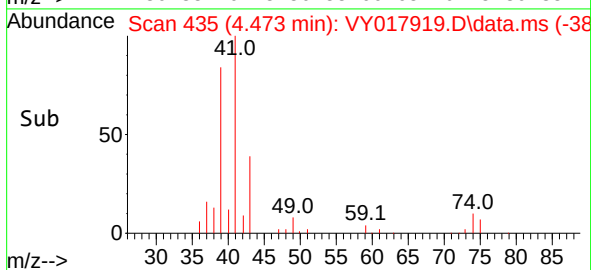
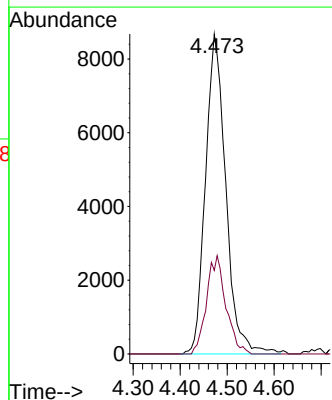
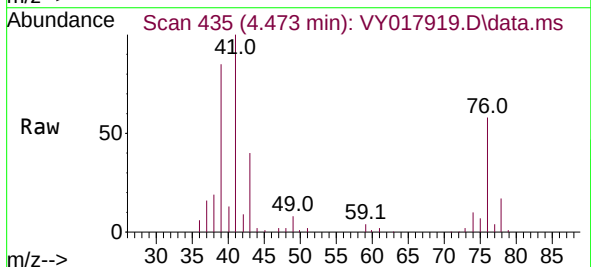
Instrument :
MSVOA_Y
ClientSampleId :

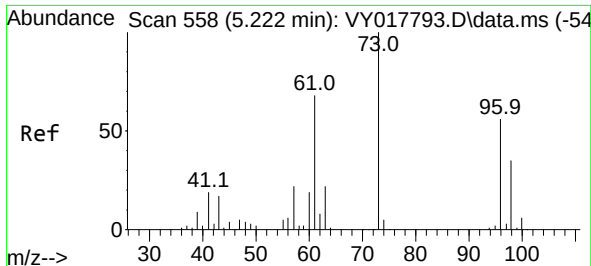
Tgt Ion: 76 Resp: 149652
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 48.08 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion: 43 Resp: 26035
Ion Ratio Lower Upper
43 100
74 29.3 23.3 34.9

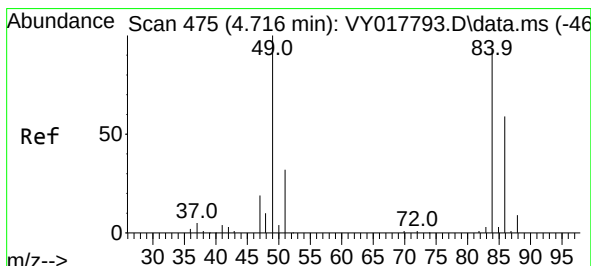
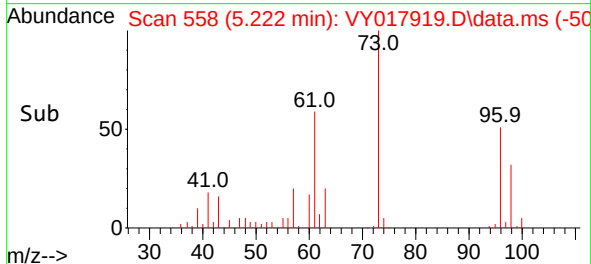
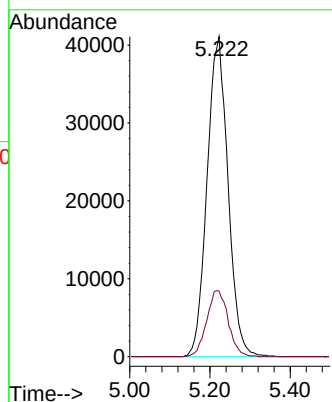
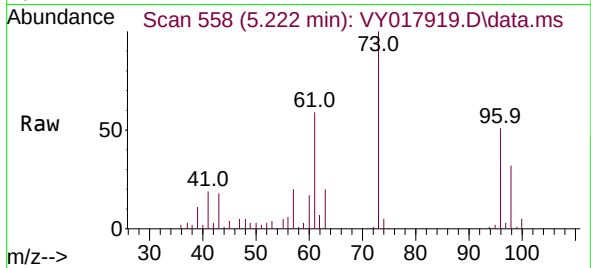




#19
Methyl tert-butyl Ether
Concen: 50.94 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

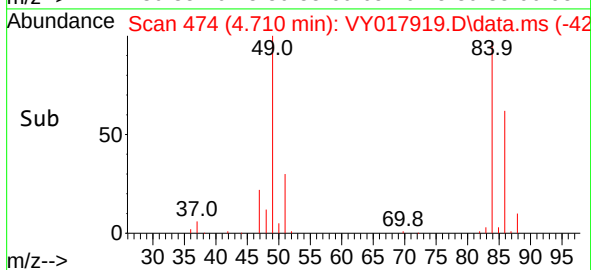
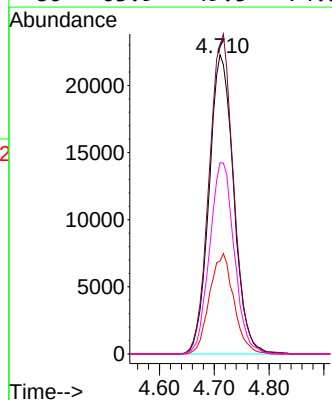
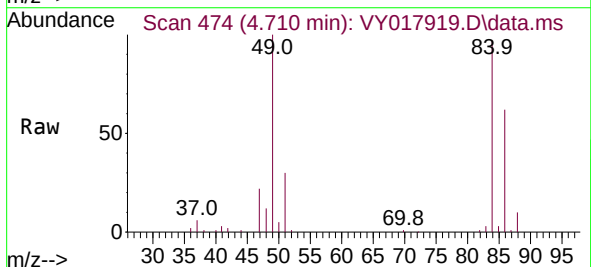
Instrument :
MSVOA_Y
ClientSampleId :

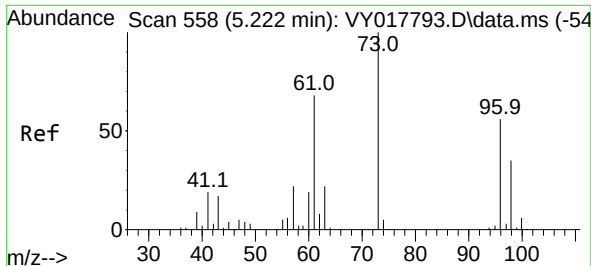
Tgt Ion: 73 Resp: 148803
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 46.01 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

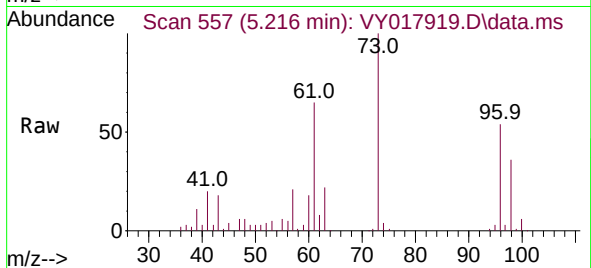
Tgt Ion: 84 Resp: 69249
Ion Ratio Lower Upper
84 100
49 103.3 84.4 126.6
51 31.1 26.0 39.0
86 63.9 49.5 74.3



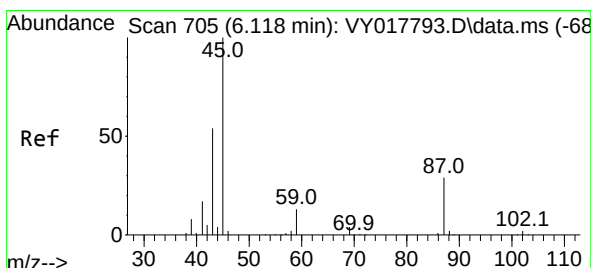
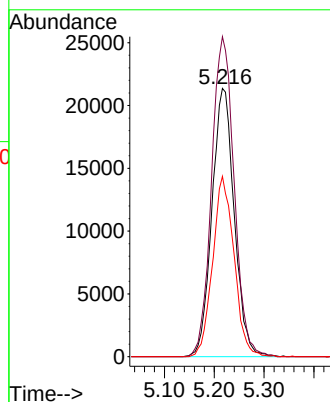
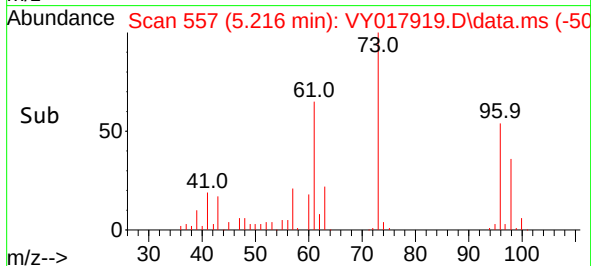


#21
trans-1,2-Dichloroethene
Concen: 48.57 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

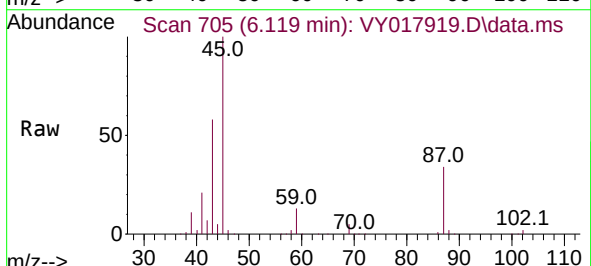
Instrument :
MSVOA_Y
ClientSampleId :



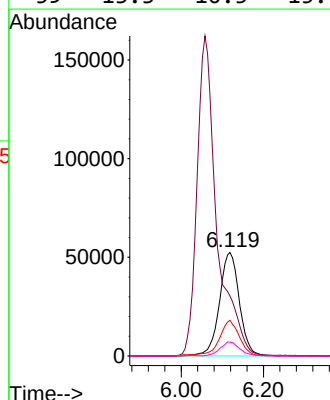
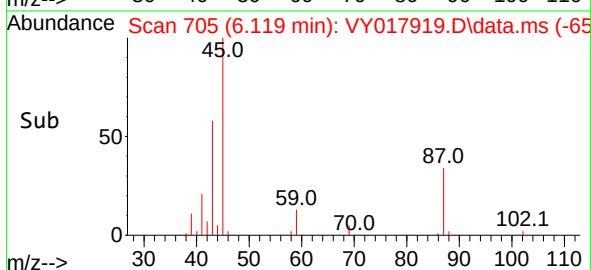
Tgt Ion: 96 Resp: 66315
Ion Ratio Lower Upper
96 100
61 119.3 97.5 146.3
98 67.2 50.5 75.7

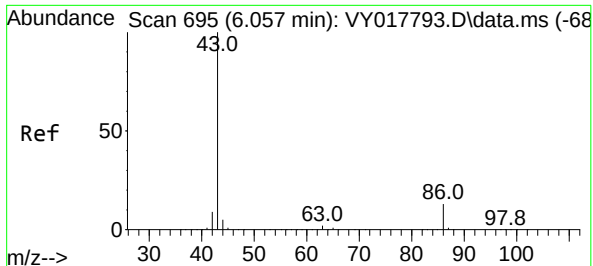


#22
Diisopropyl ether
Concen: 48.73 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28



Tgt Ion: 45 Resp: 176321
Ion Ratio Lower Upper
45 100
43 57.2 42.2 63.2
87 34.4 25.0 37.6
59 13.3 10.5 15.7

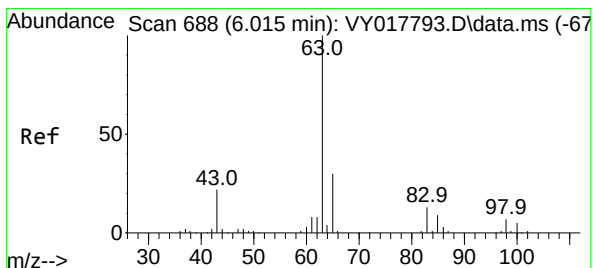
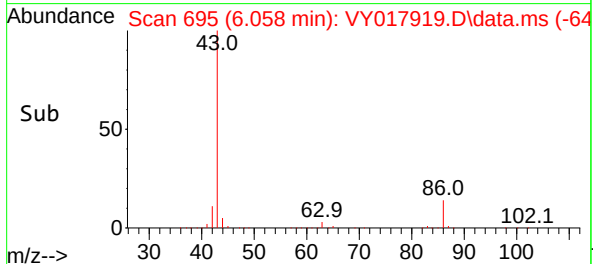
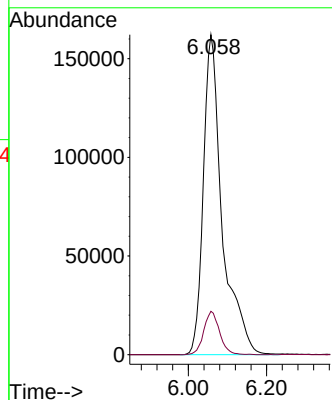
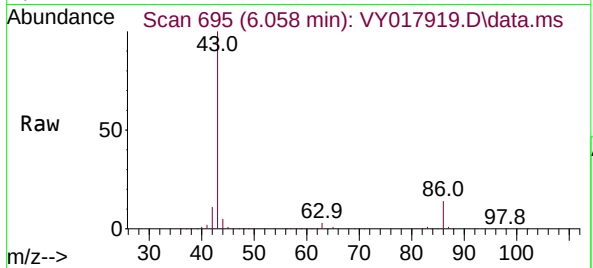




#23
 Vinyl Acetate
 Concen: 245.34 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017919.D
 Acq: 12 Apr 2024 09:28

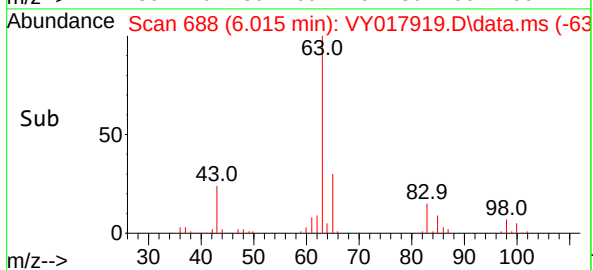
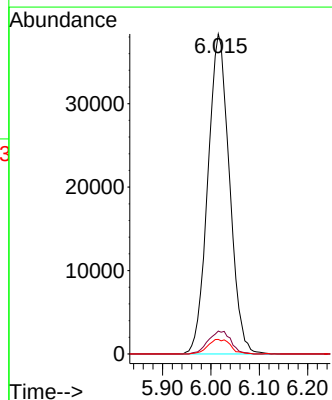
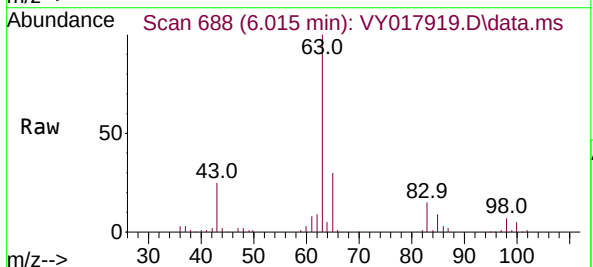
Instrument :
 MSVOA_Y
 ClientSampleId :

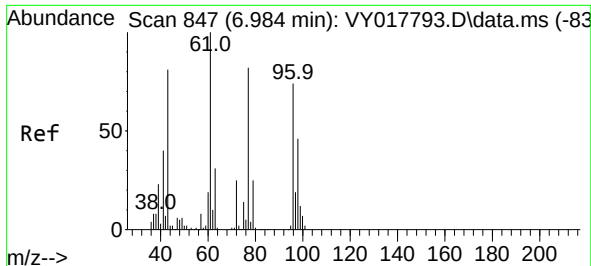
Tgt Ion: 43 Resp: 541949
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 49.55 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017919.D
 Acq: 12 Apr 2024 09:28

Tgt Ion: 63 Resp: 118979
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 251.74 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

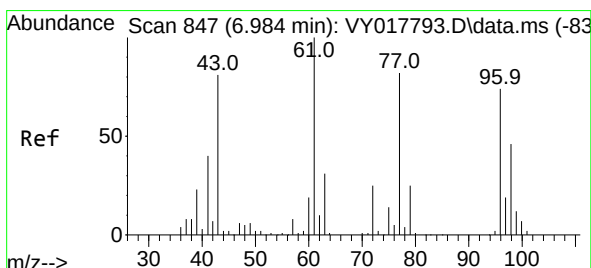
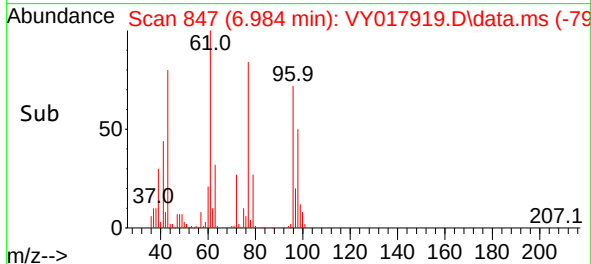
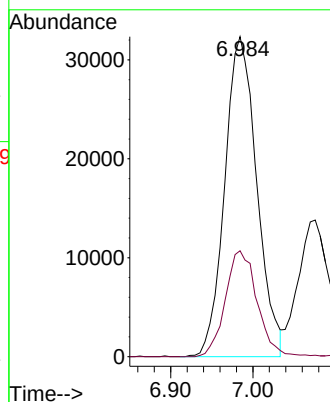
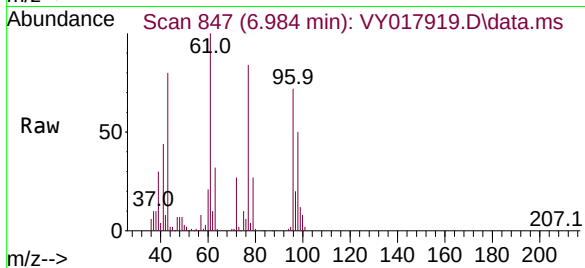
ClientSampleId :

Tgt Ion: 43 Resp: 87675

Ion Ratio Lower Upper

43 100

72 33.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 48.49 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY017919.D

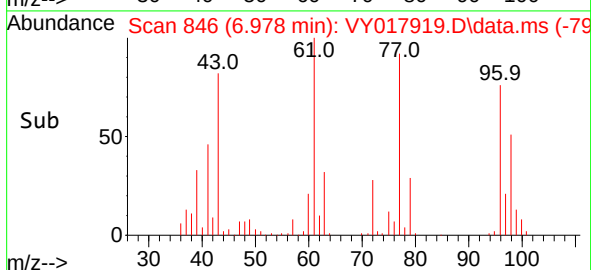
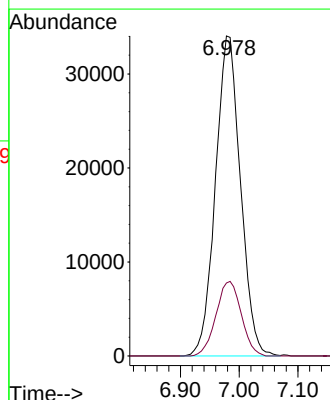
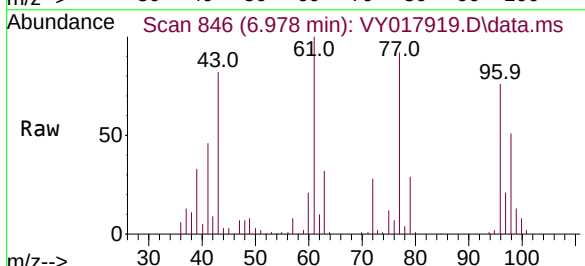
Acq: 12 Apr 2024 09:28

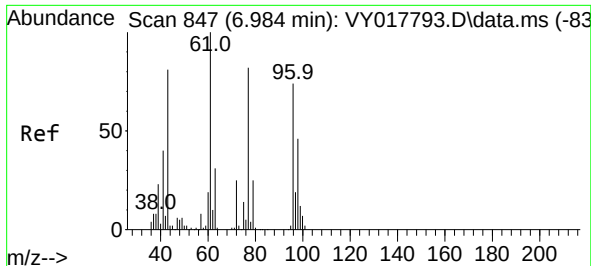
Tgt Ion: 77 Resp: 100579

Ion Ratio Lower Upper

77 100

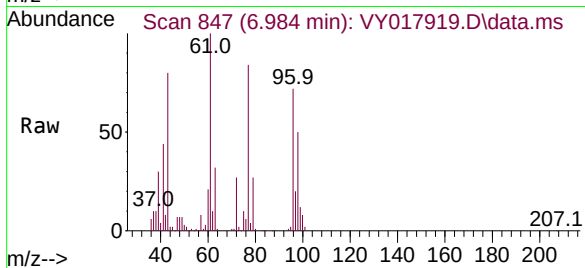
97 23.6 12.0 36.1



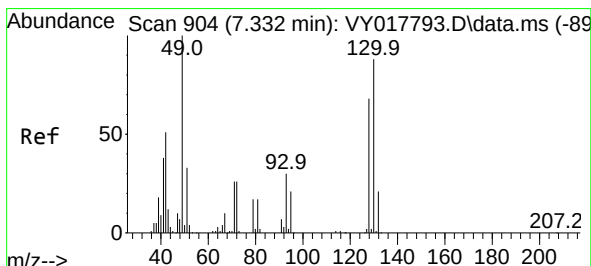
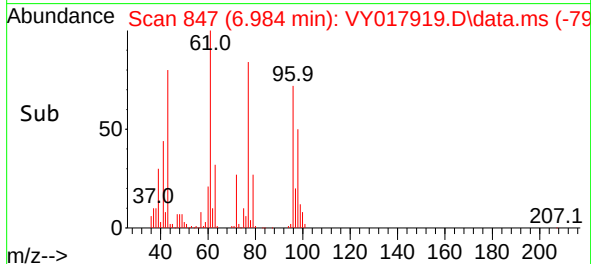
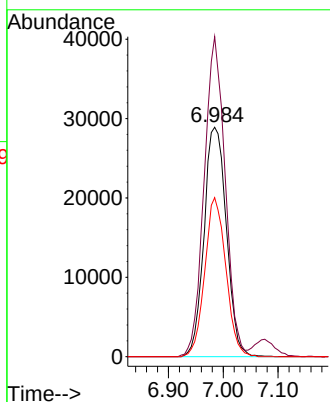


#27
 cis-1,2-Dichloroethene
 Concen: 50.67 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY017919.D
 Acq: 12 Apr 2024 09:28

Instrument :
 MSVOA_Y
 ClientSampleId :

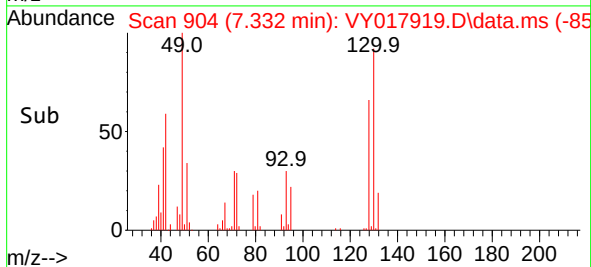
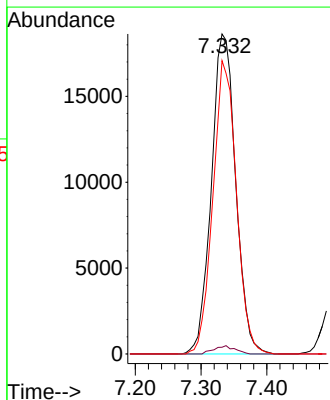
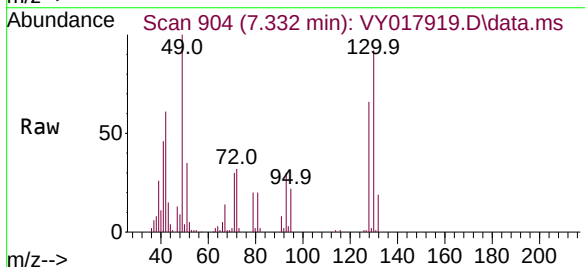


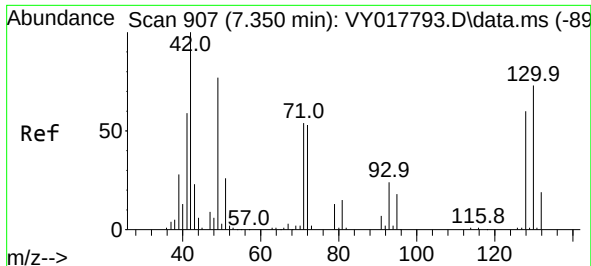
Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	256.2
98	65.5	0.0	130.0



#28
 Bromochloromethane
 Concen: 49.07 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY017919.D
 Acq: 12 Apr 2024 09:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	88.3	72.7	109.1





#29

Tetrahydrofuran

Concen: 240.38 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

ClientSampleId :

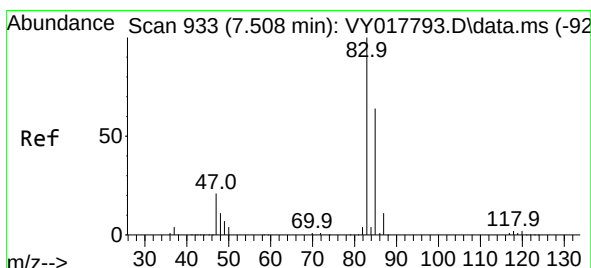
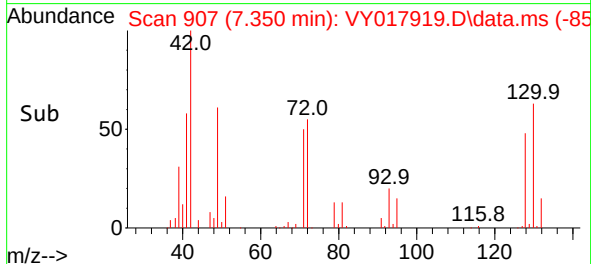
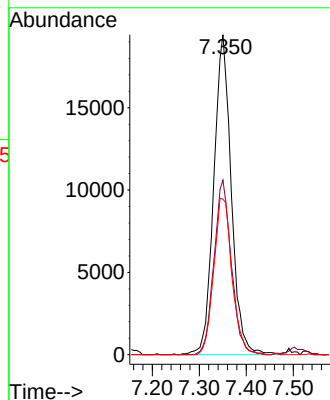
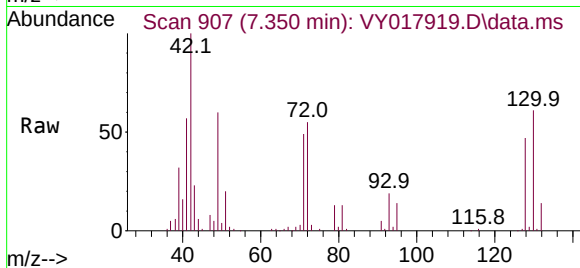
Tgt Ion: 42 Resp: 50232

Ion Ratio Lower Upper

42 100

72 54.2 43.0 64.4

71 51.0 40.8 61.2



#30

Chloroform

Concen: 52.25 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017919.D

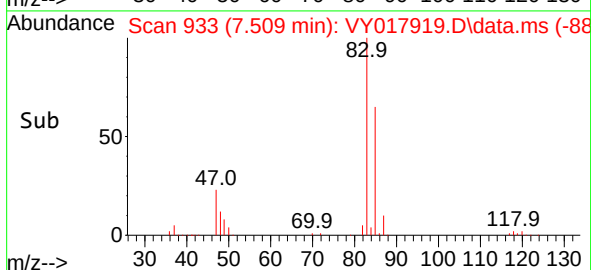
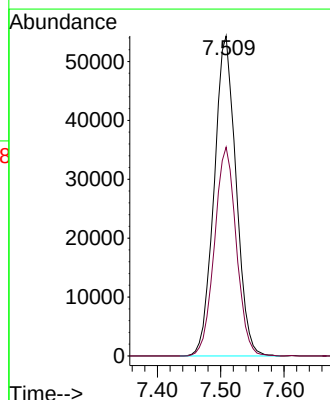
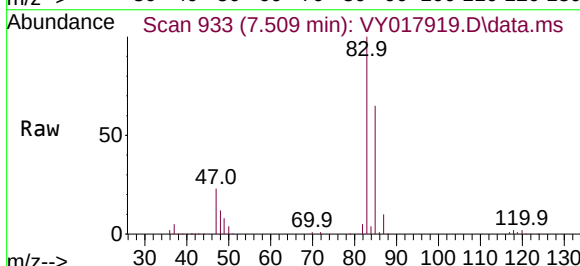
Acq: 12 Apr 2024 09:28

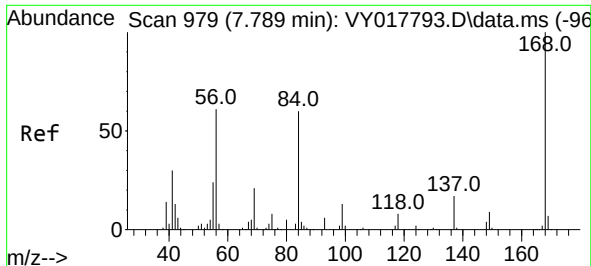
Tgt Ion: 83 Resp: 130177

Ion Ratio Lower Upper

83 100

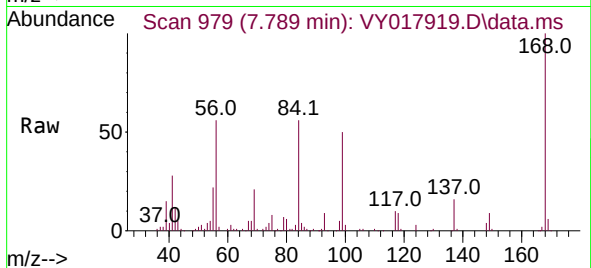
85 65.2 52.2 78.4



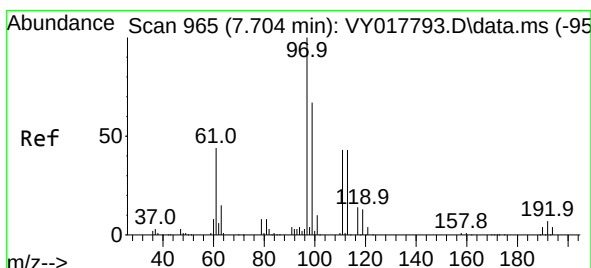
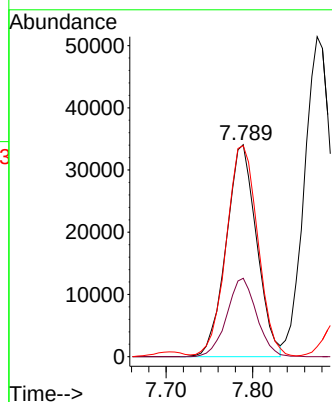
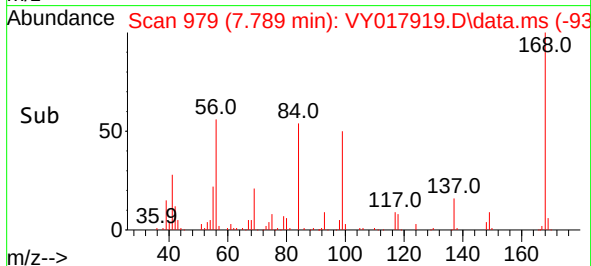


#31
Cyclohexane
Concen: 39.96 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

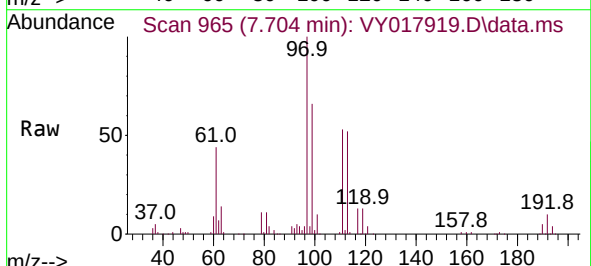
Instrument :
MSVOA_Y
ClientSampleId :



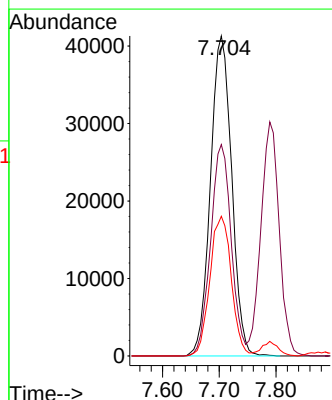
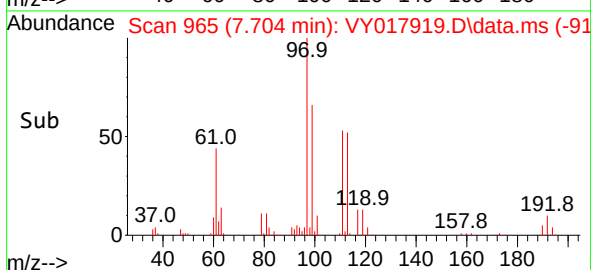
Tgt Ion: 56 Resp: 83250
Ion Ratio Lower Upper
56 100
69 37.0 28.7 43.1
84 97.7 77.7 116.5

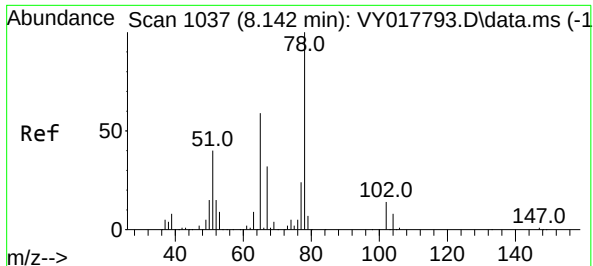


#32
1,1,1-Trichloroethane
Concen: 50.58 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28



Tgt Ion: 97 Resp: 107260
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 44.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 61.24 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

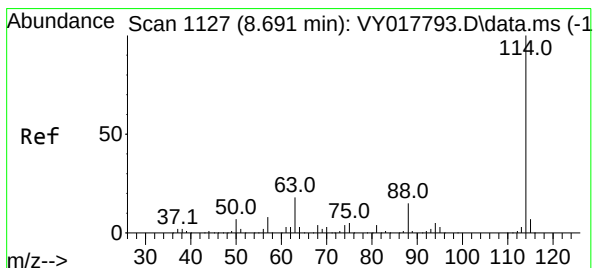
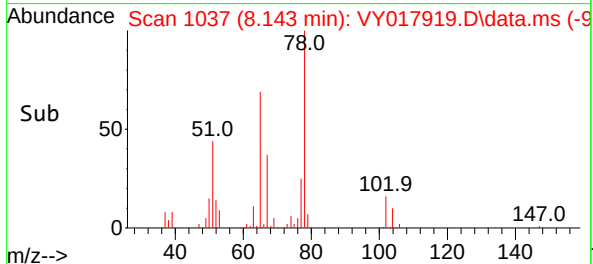
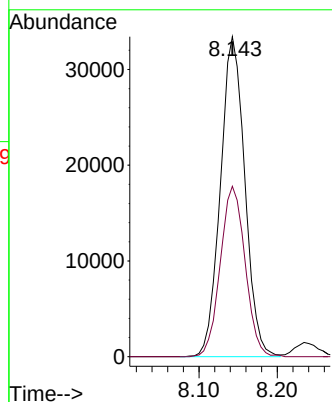
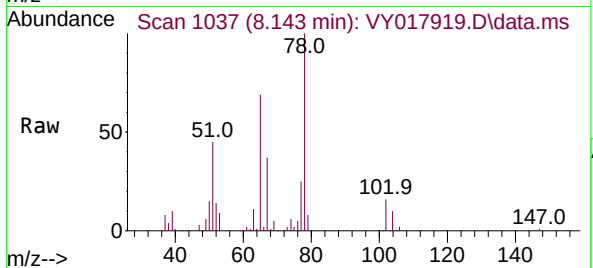
ClientSampleId :

Tgt Ion: 65 Resp: 72425

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

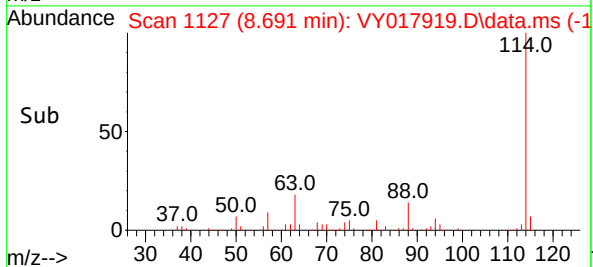
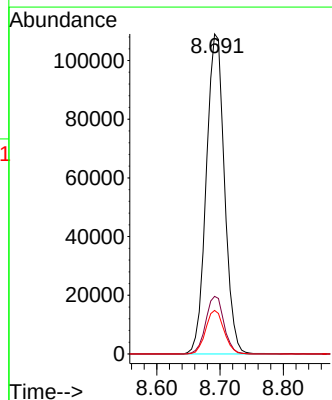
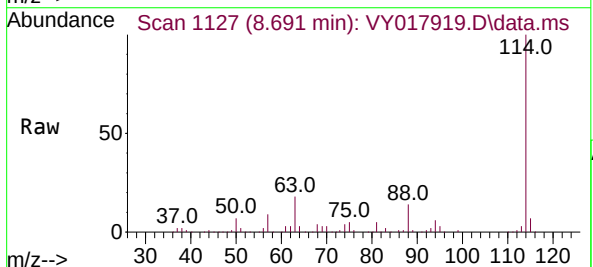
Tgt Ion: 114 Resp: 217985

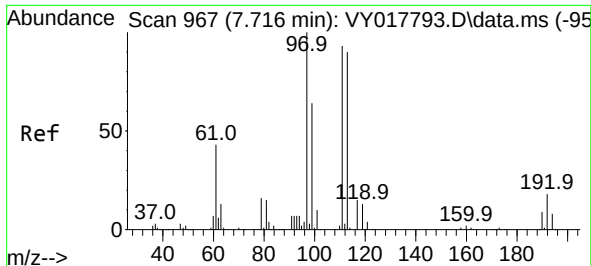
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

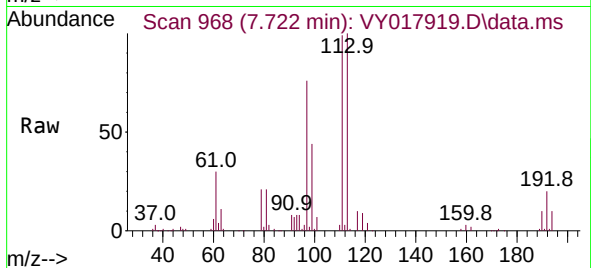
88 13.6 0.0 27.2



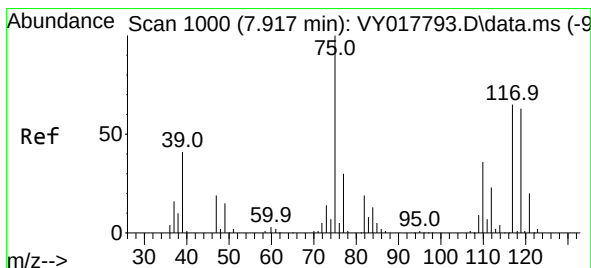
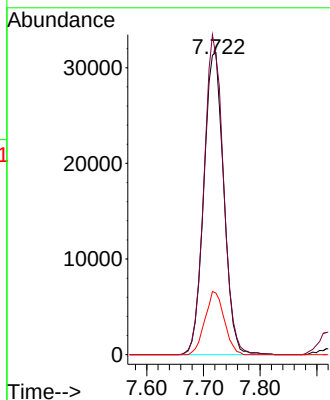
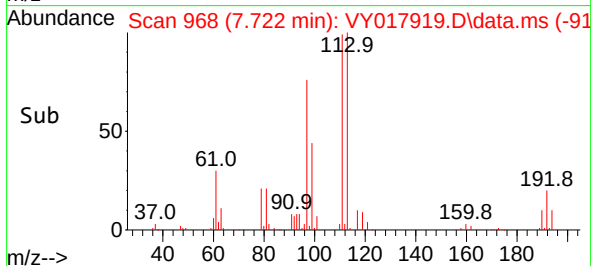


#35
Dibromofluoromethane
Concen: 61.37 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Instrument :
MSVOA_Y
ClientSampleId :

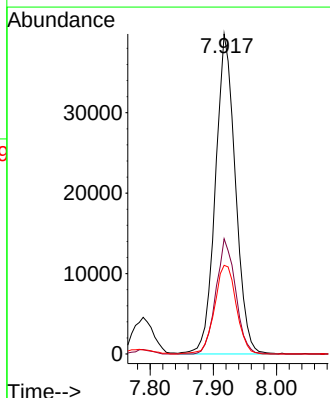
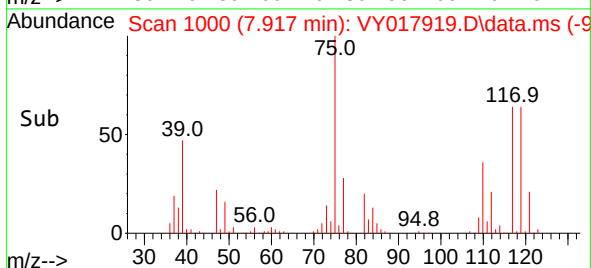
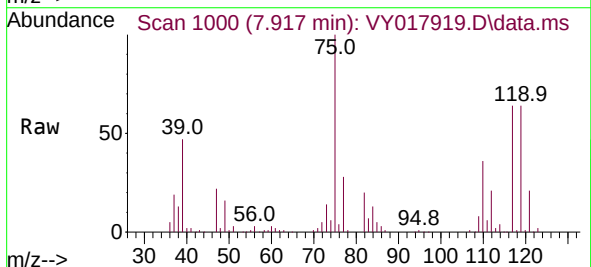


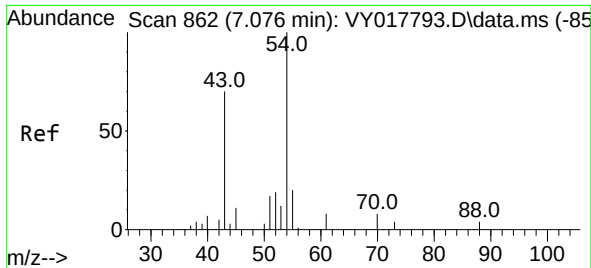
Tgt Ion:113 Resp: 77305
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.35 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion: 75 Resp: 87027
Ion Ratio Lower Upper
75 100
110 35.2 19.0 57.0
77 30.2 25.3 37.9

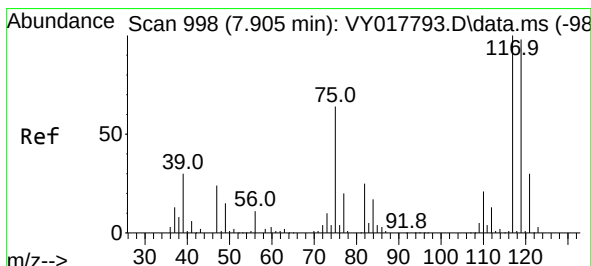
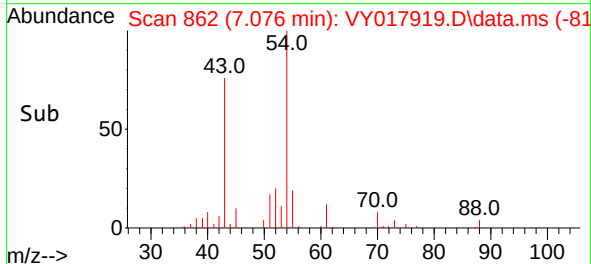
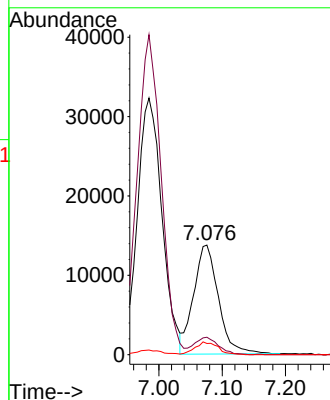
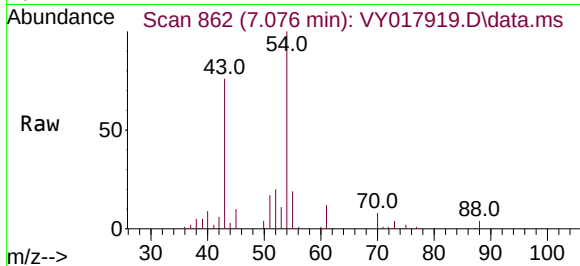




#37
Ethyl Acetate
Concen: 47.35 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

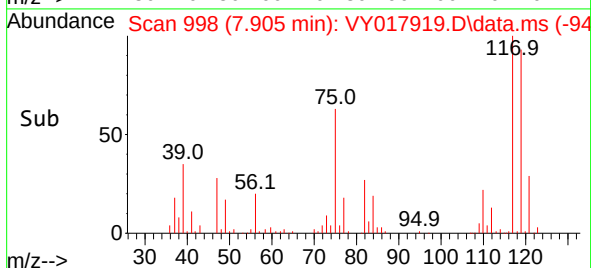
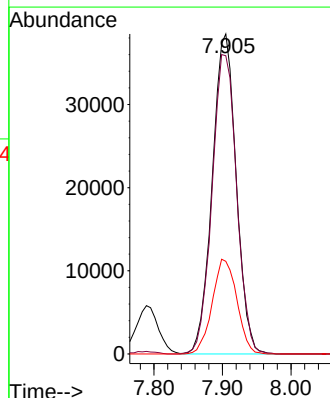
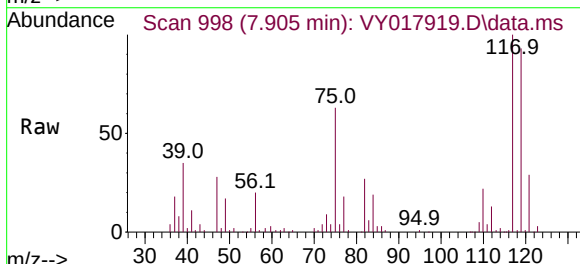
Instrument :
MSVOA_Y
ClientSampleId :

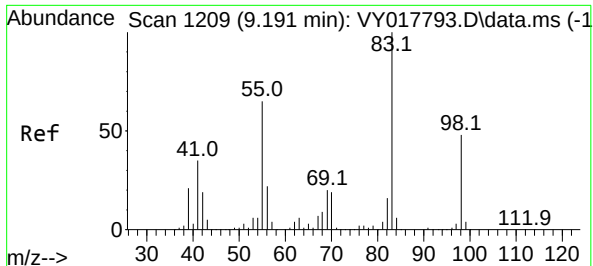
Tgt Ion: 43	Resp:	37552
Ion	Ratio	Lower Upper
43	100	
61	15.1	12.6 19.0
70	10.7	7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.98 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion: 117	Resp:	93457
Ion	Ratio	Lower Upper
117	100	
119	93.2	75.8 113.6
121	28.9	24.0 36.0





#39

Methylcyclohexane

Concen: 43.93 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

ClientSampleId :

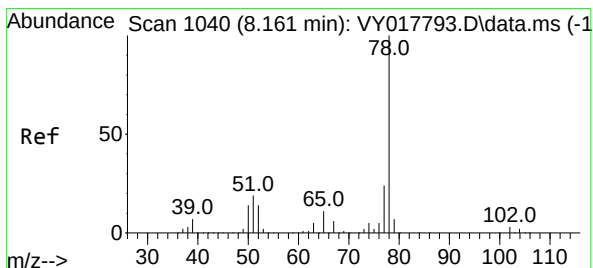
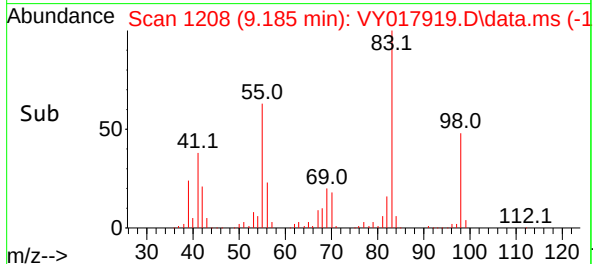
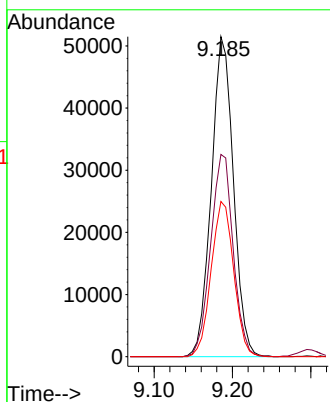
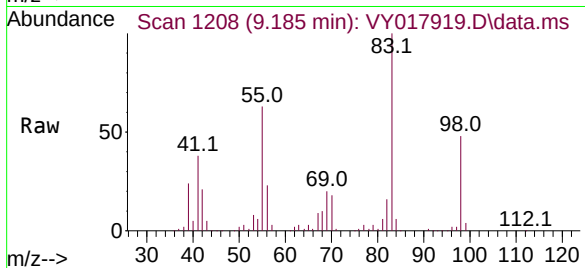
Tgt Ion: 83 Resp: 100857

Ion Ratio Lower Upper

83 100

55 63.2 51.5 77.3

98 48.5 40.5 60.7



#40

Benzene

Concen: 48.87 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY017919.D

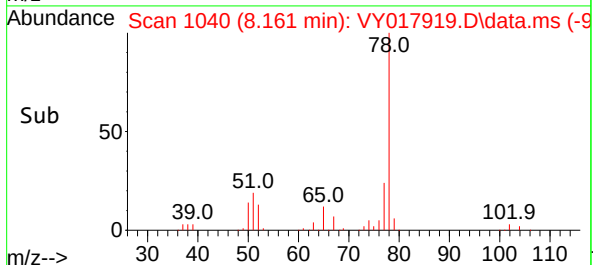
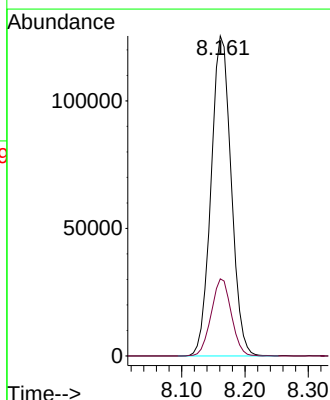
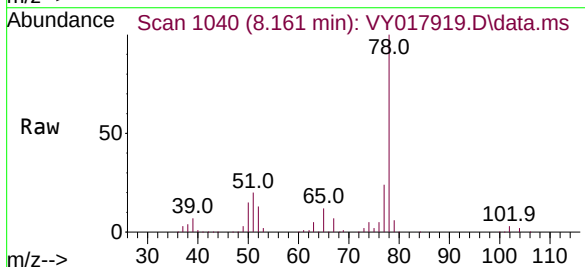
Acq: 12 Apr 2024 09:28

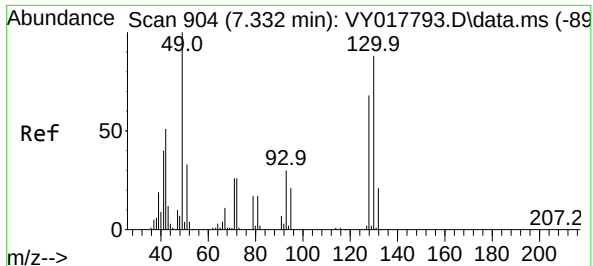
Tgt Ion: 78 Resp: 276821

Ion Ratio Lower Upper

78 100

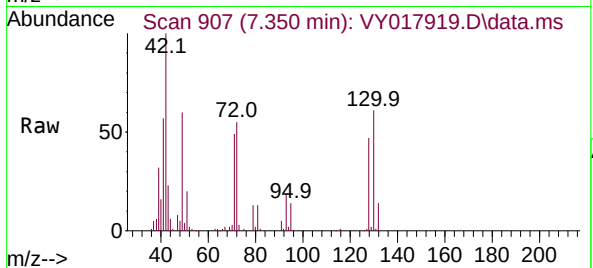
77 24.1 19.5 29.3



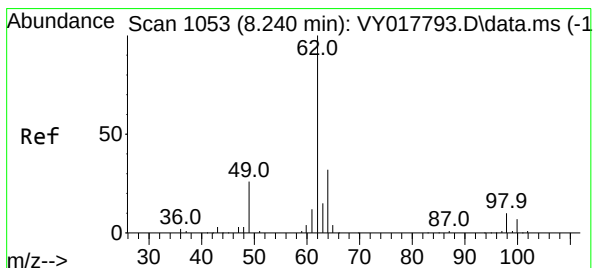
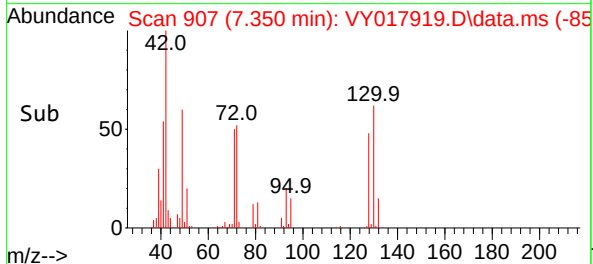
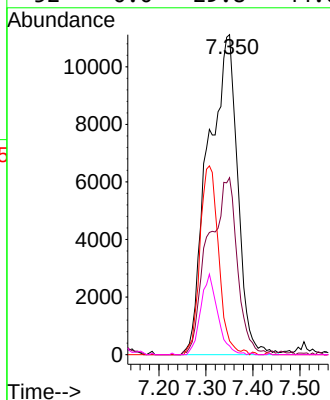


#41
Methacrylonitrile
Concen: 91.79 ug/l
RT: 7.350 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Instrument :
MSVOA_Y
ClientSampleId :

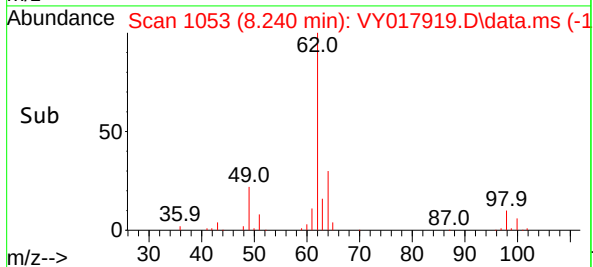
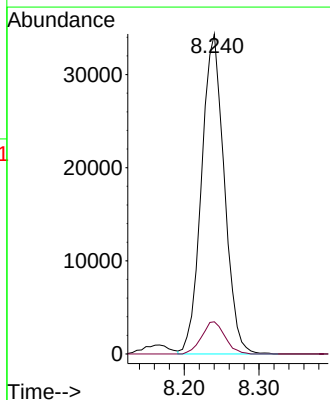
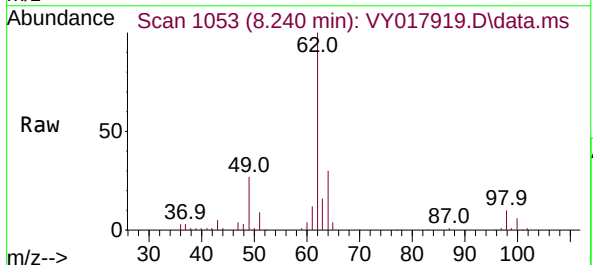


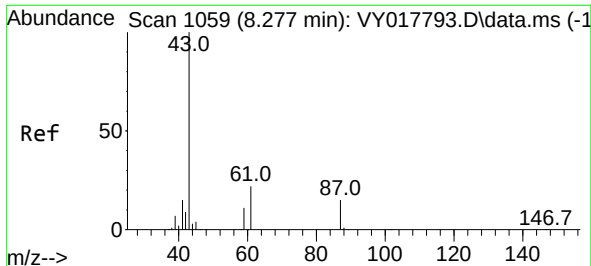
Tgt Ion: 41 Resp: 48307
Ion Ratio Lower Upper
41 100
39 55.0 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 52.03 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion: 62 Resp: 72531
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.0





#43

Isopropyl Acetate

Concen: 47.62 ug/l

RT: 8.277 min Scan# 11059

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

ClientSampleId :

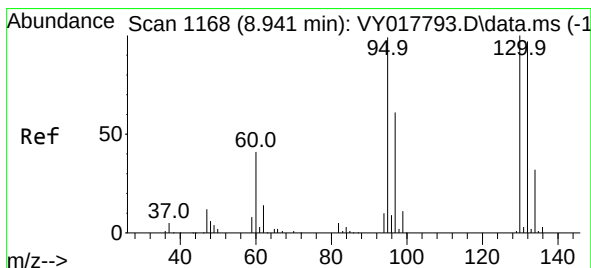
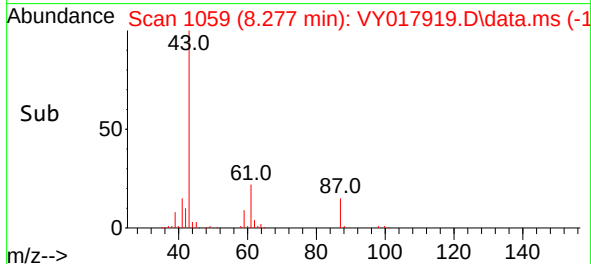
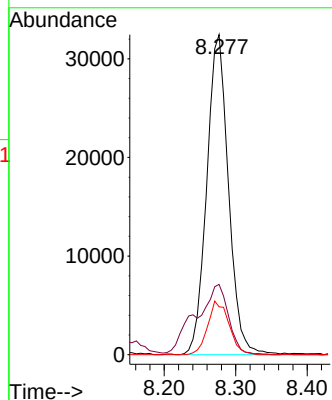
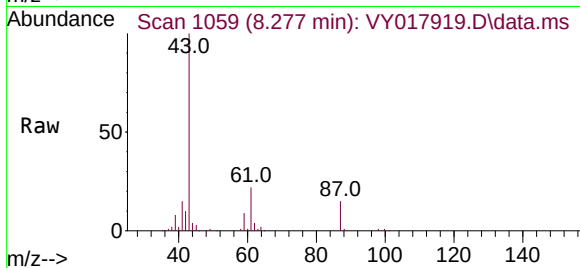
Tgt Ion: 43 Resp: 68547

Ion Ratio Lower Upper

43 100

61 33.3 27.9 41.9

87 16.4 13.1 19.7



#44

Trichloroethene

Concen: 47.99 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY017919.D

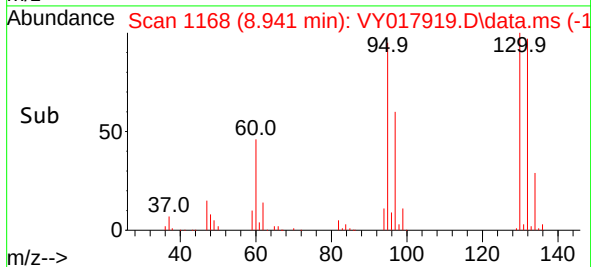
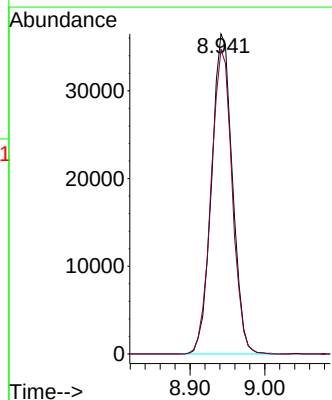
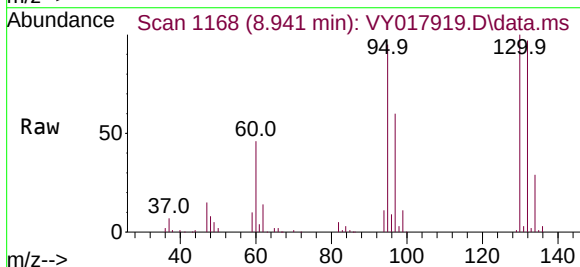
Acq: 12 Apr 2024 09:28

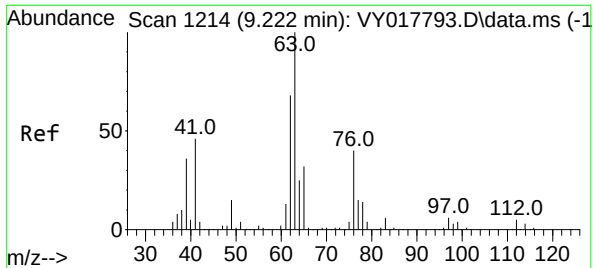
Tgt Ion: 130 Resp: 70721

Ion Ratio Lower Upper

130 100

95 95.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 49.33 ug/l

RT: 9.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

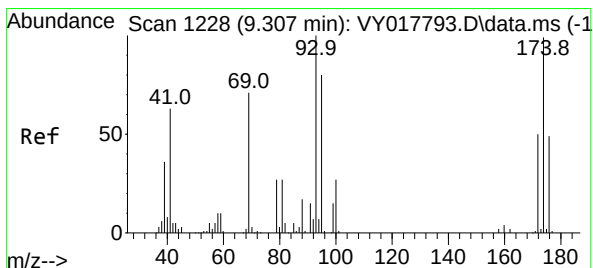
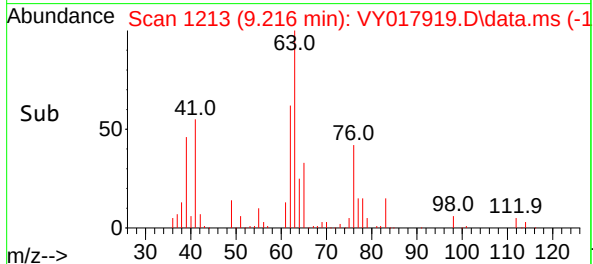
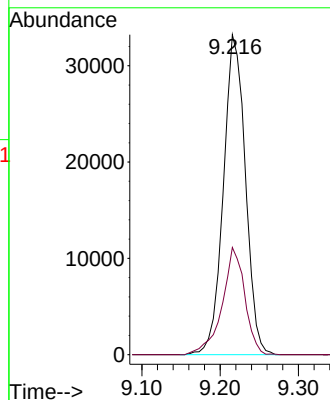
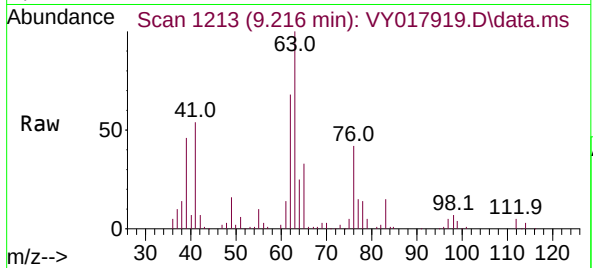
ClientSampleId :

Tgt Ion: 63 Resp: 64928

Ion Ratio Lower Upper

63 100

65 33.5 25.4 38.2



#46

Dibromomethane

Concen: 50.69 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

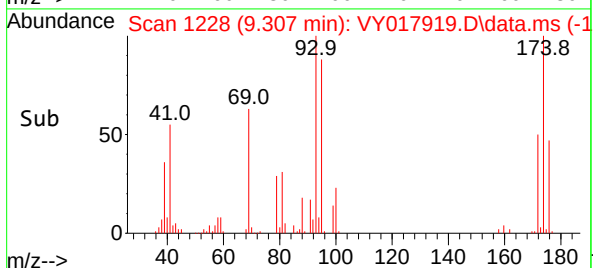
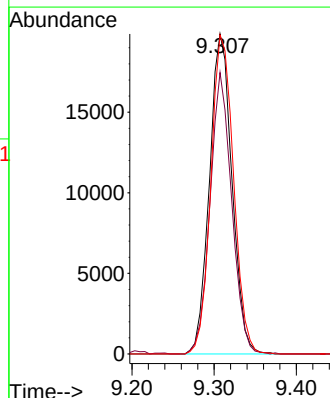
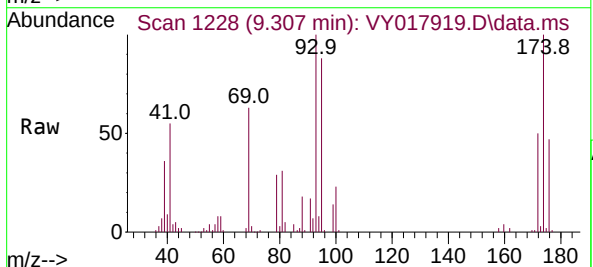
Tgt Ion: 93 Resp: 37905

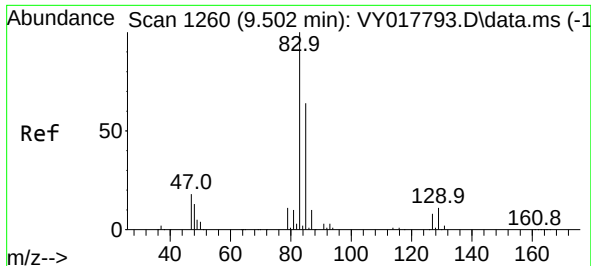
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 100.1 80.9 121.3





#47

Bromodichloromethane

Concen: 52.85 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY017919.D

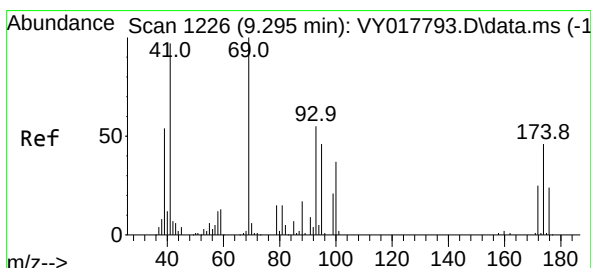
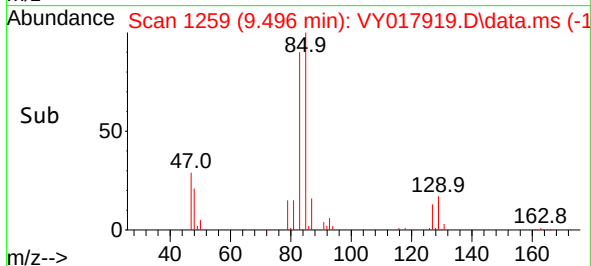
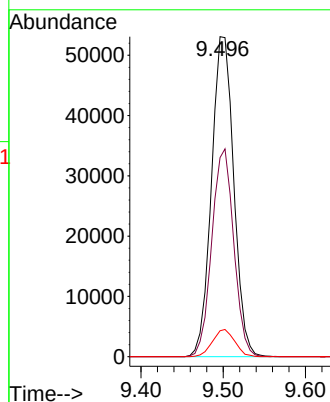
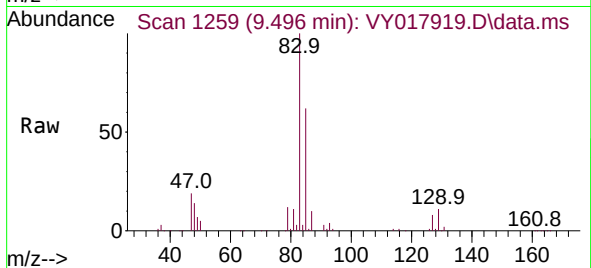
Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 99845
Ion Ratio	Lower Upper
83	100
85	62.2 50.1 75.1
127	8.1 7.4 11.0



#48

Methyl methacrylate

Concen: 49.09 ug/l

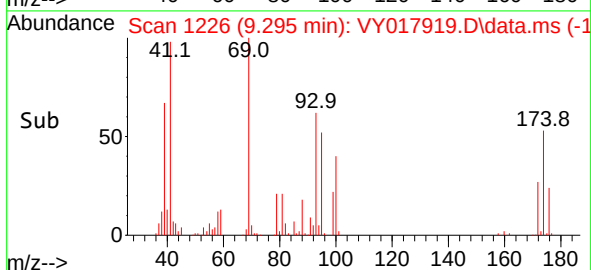
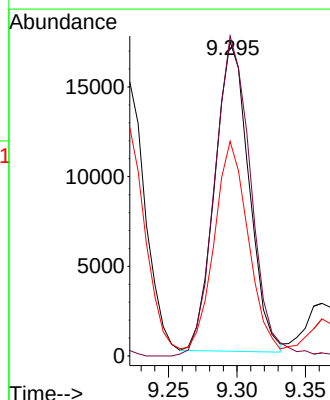
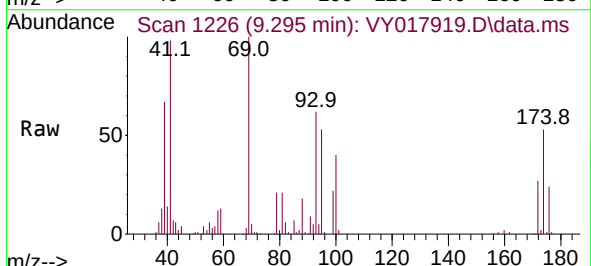
RT: 9.295 min Scan# 1226

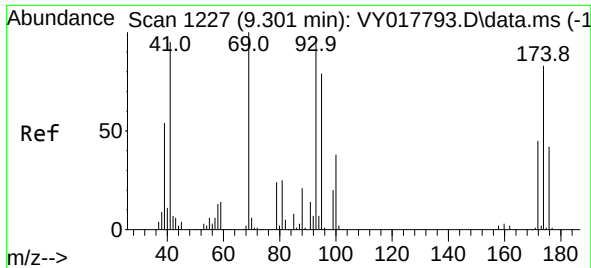
Delta R.T. -0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

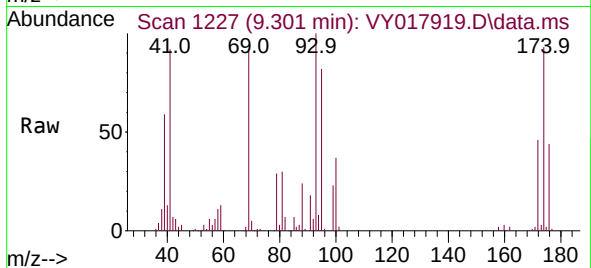
Tgt Ion: 41	Resp: 29885
Ion Ratio	Lower Upper
41	100
69	109.9 84.1 126.1
39	69.7 43.6 65.4



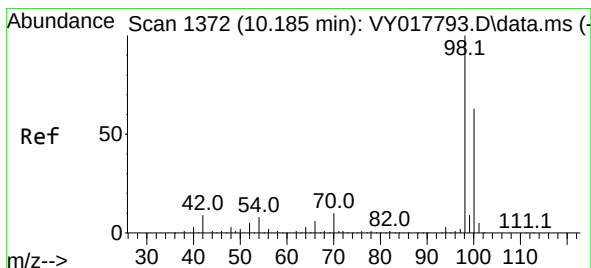
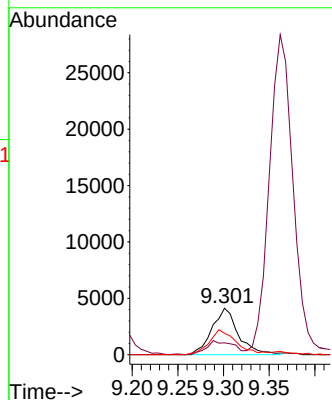
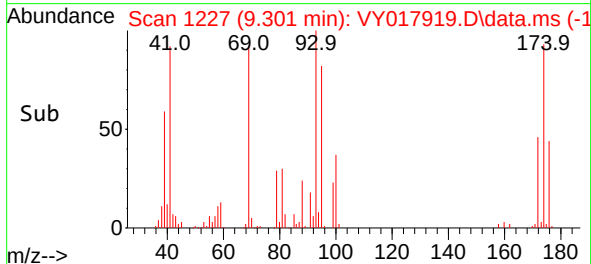


#49
1,4-Dioxane
Concen: 985.09 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Instrument :
MSVOA_Y
ClientSampleId :

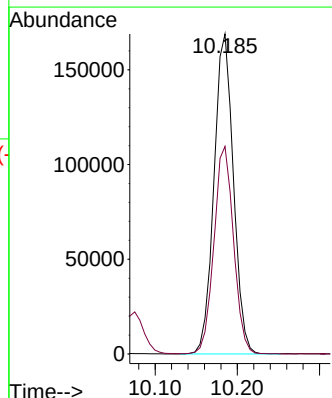
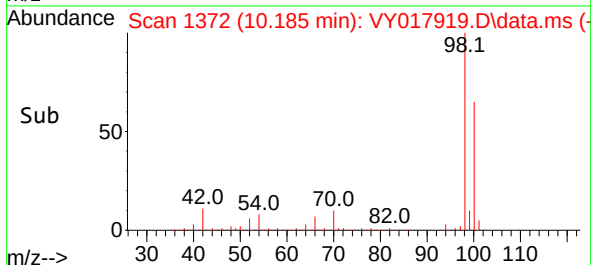
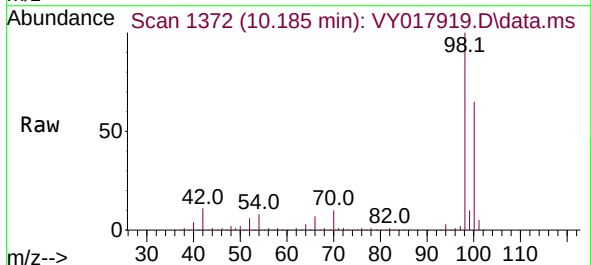


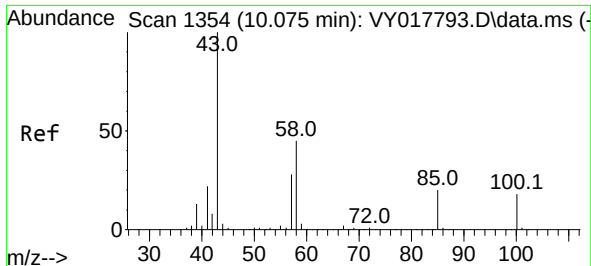
Tgt Ion: 88 Resp: 8269
Ion Ratio Lower Upper
88 100
43 29.9 0.0 0.0#
58 55.7 49.3 73.9



#50
Toluene-d8
Concen: 58.96 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion: 98 Resp: 277429
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

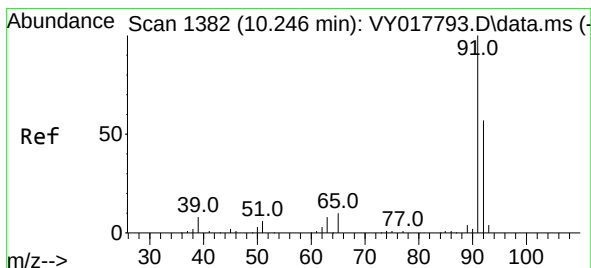
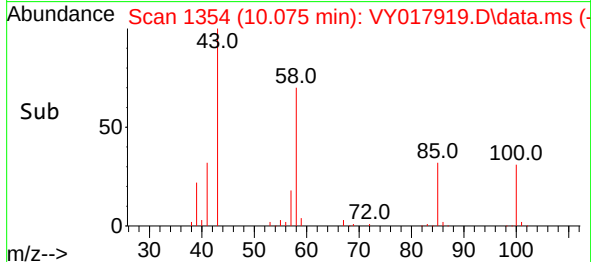
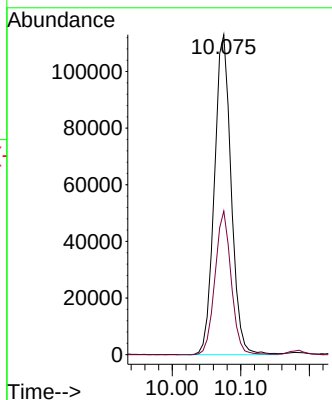
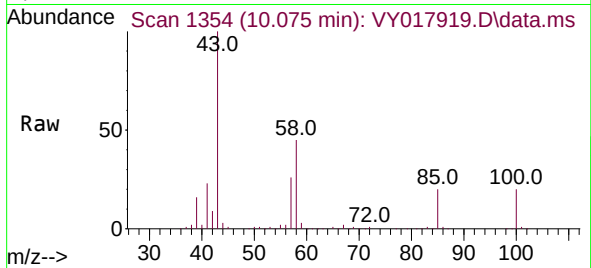




#51
4-Methyl-2-Pentanone
Concen: 266.33 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

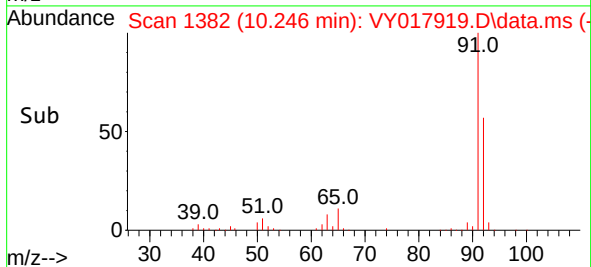
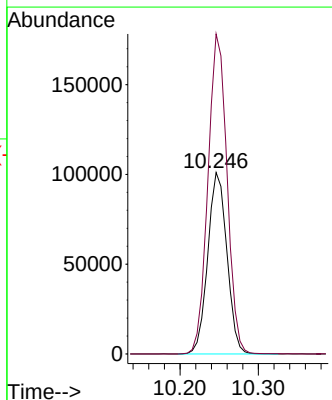
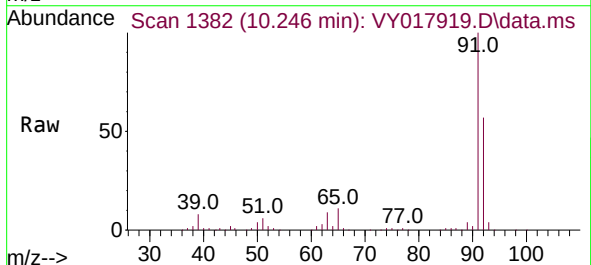
Instrument :
MSVOA_Y
ClientSampleId :

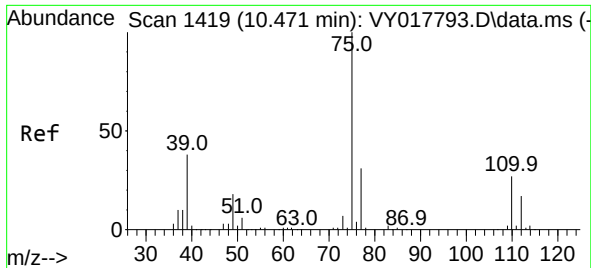
Tgt Ion: 43 Resp: 191753
Ion Ratio Lower Upper
43 100
58 43.2 35.7 53.5



#52
Toluene
Concen: 49.90 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion: 92 Resp: 171419
Ion Ratio Lower Upper
92 100
91 176.0 139.0 208.6

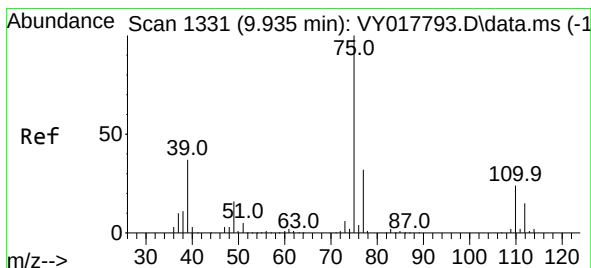
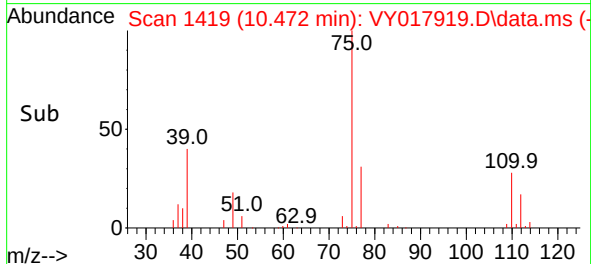
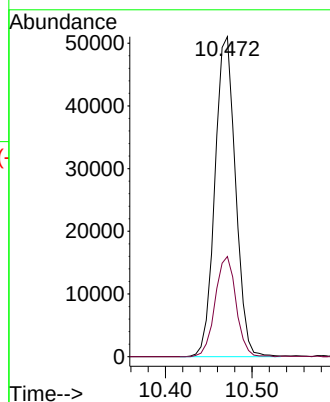
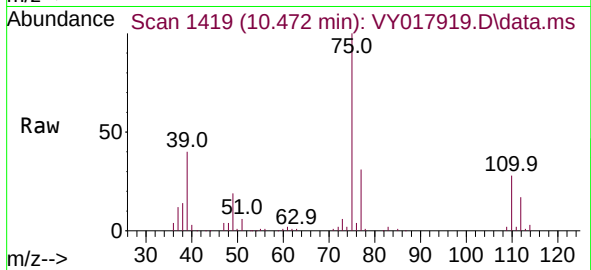




#53
 t-1,3-Dichloropropene
 Concen: 50.30 ug/l
 RT: 10.472 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017919.D
 Acq: 12 Apr 2024 09:28

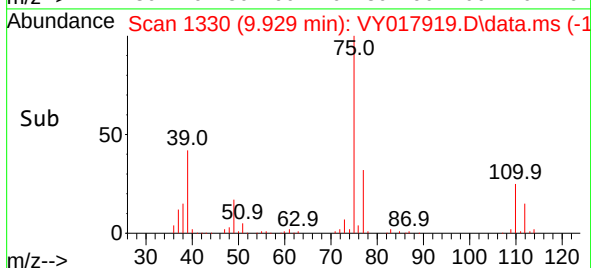
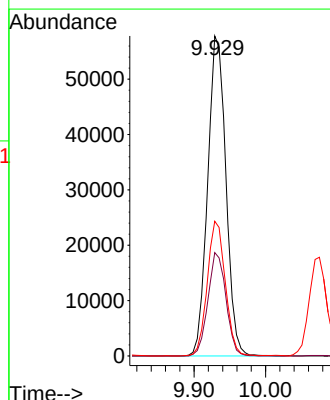
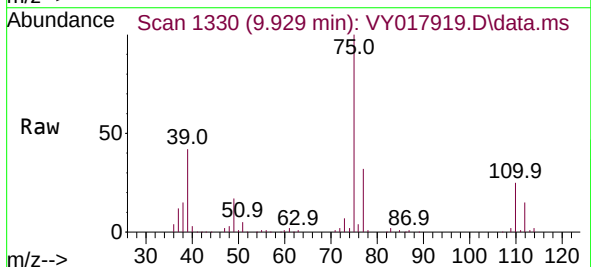
Instrument :
 MSVOA_Y
 ClientSampleId :

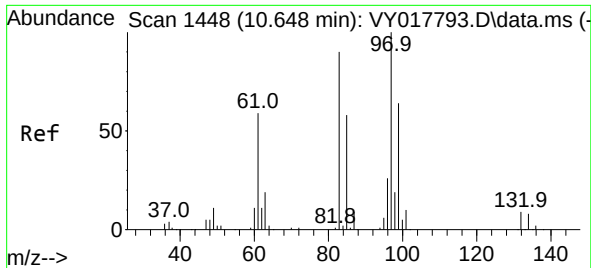
Tgt Ion: 75 Resp: 84386
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 50.05 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017919.D
 Acq: 12 Apr 2024 09:28

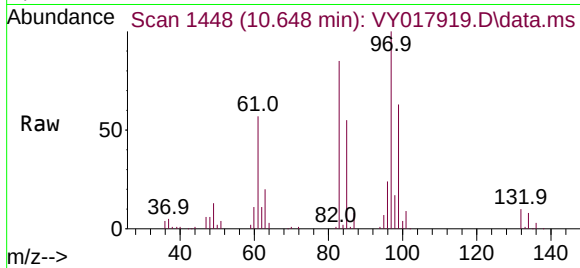
Tgt Ion: 75 Resp: 102480
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0
 39 42.1 29.8 44.6



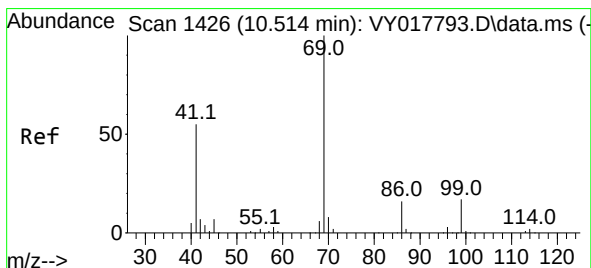
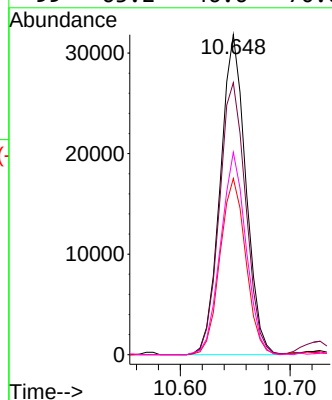
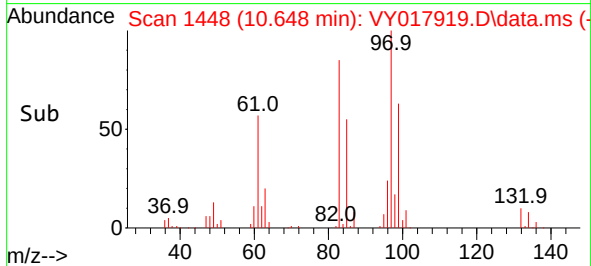


#55
1,1,2-Trichloroethane
Concen: 51.68 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Instrument :
MSVOA_Y
ClientSampleId :

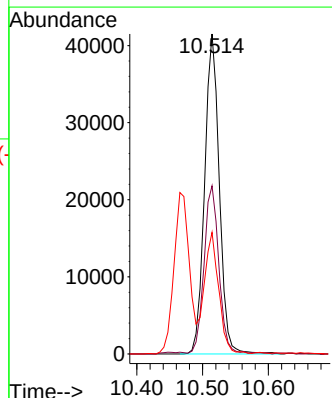
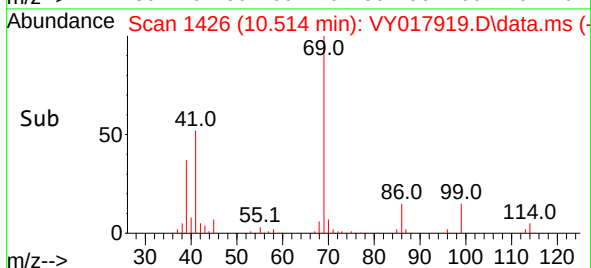
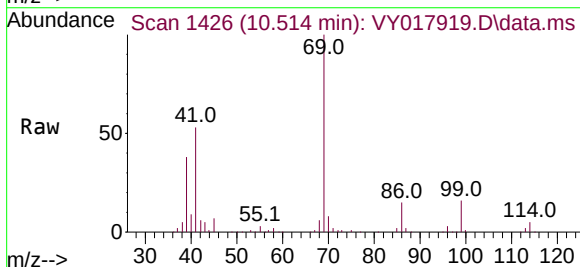


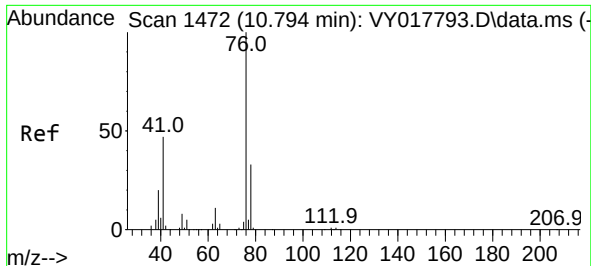
Tgt Ion:	97	Resp:	51494
Ion	Ratio	Lower	Upper
97	100		
83	85.0	67.5	101.3
85	55.0	42.9	64.3
99	63.2	46.6	70.0



#56
Ethyl methacrylate
Concen: 52.36 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion:	69	Resp:	64527
Ion	Ratio	Lower	Upper
69	100		
41	53.5	42.3	63.5
39	37.3	22.9	34.3





#57

1,3-Dichloropropane

Concen: 50.85 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

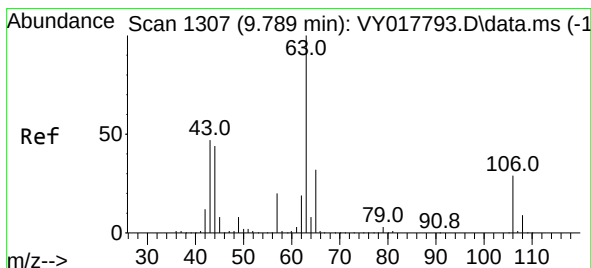
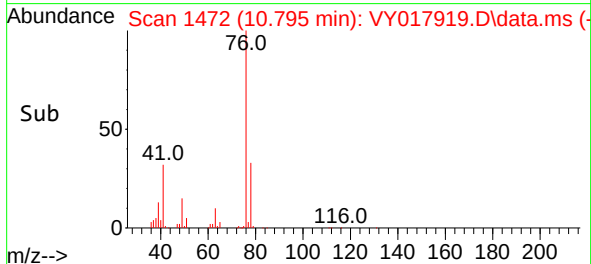
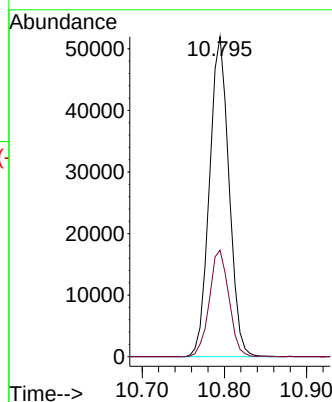
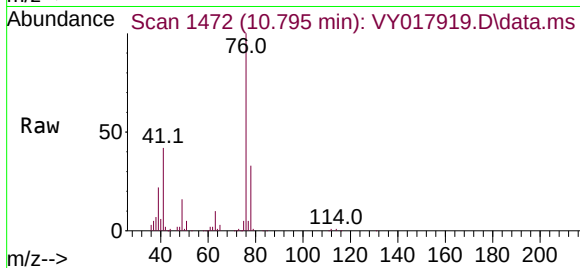
ClientSampleId :

Tgt Ion: 76 Resp: 85680

Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 287.30 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY017919.D

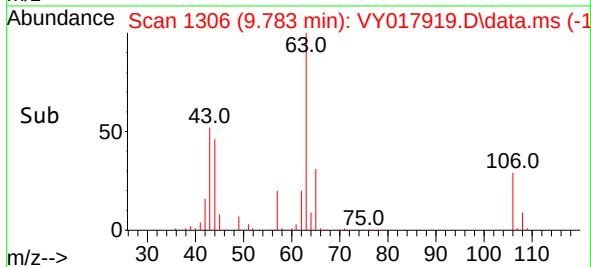
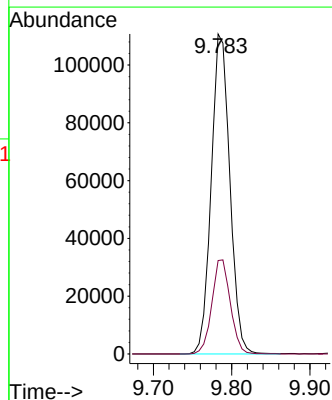
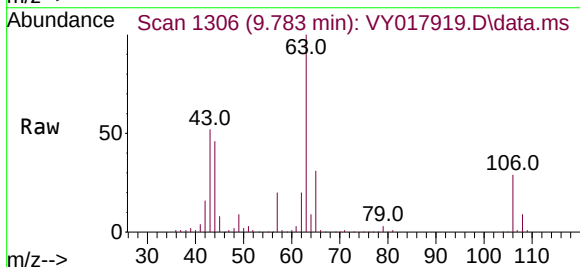
Acq: 12 Apr 2024 09:28

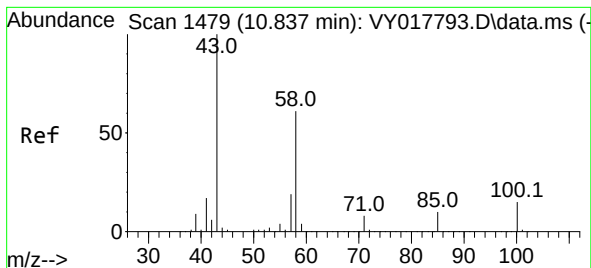
Tgt Ion: 63 Resp: 182745

Ion Ratio Lower Upper

63 100

106 29.2 23.7 35.5





#59

2-Hexanone

Concen: 263.73 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

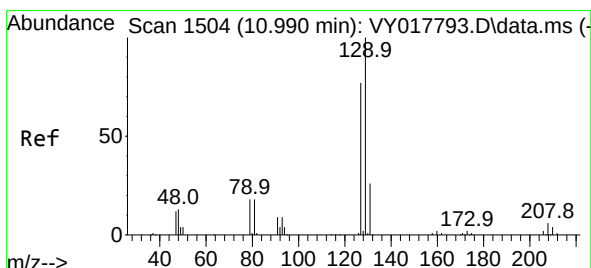
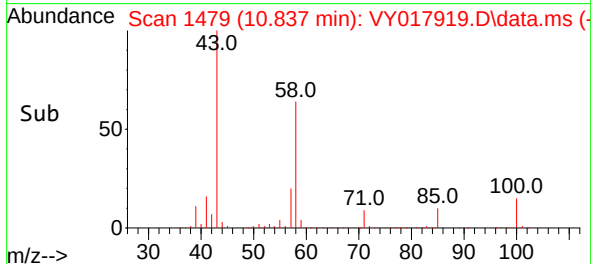
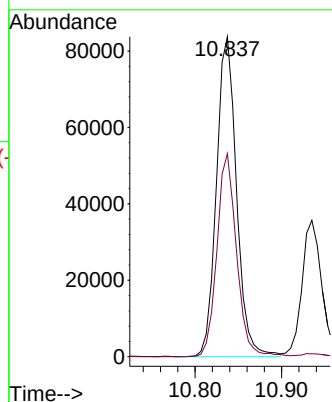
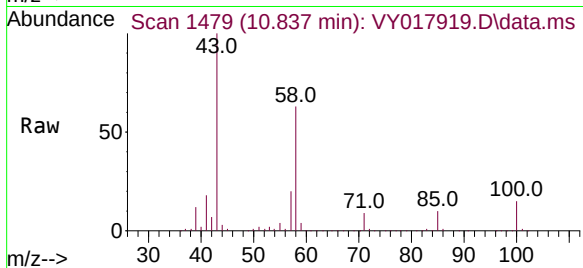
ClientSampleId :

Tgt Ion: 43 Resp: 134962

Ion Ratio Lower Upper

43 100

58 62.0 31.4 94.0



#60

Dibromochloromethane

Concen: 51.76 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.000 min

Lab File: VY017919.D

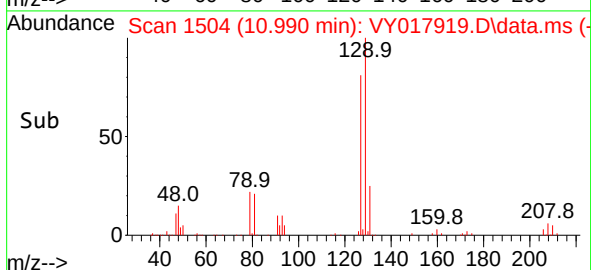
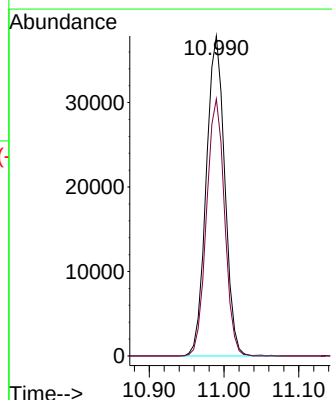
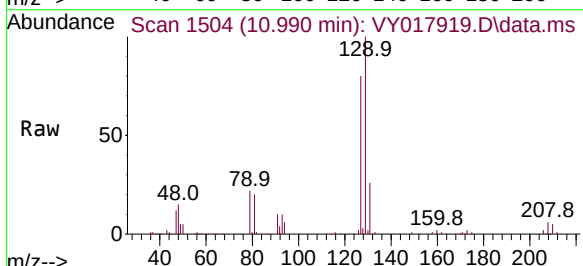
Acq: 12 Apr 2024 09:28

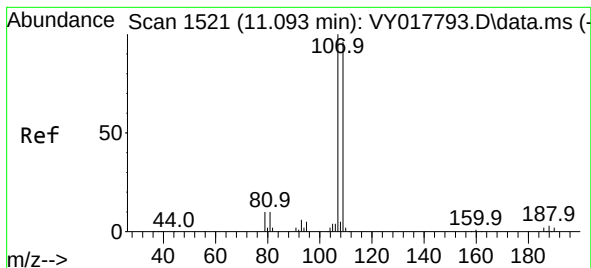
Tgt Ion:129 Resp: 65044

Ion Ratio Lower Upper

129 100

127 78.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 50.93 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

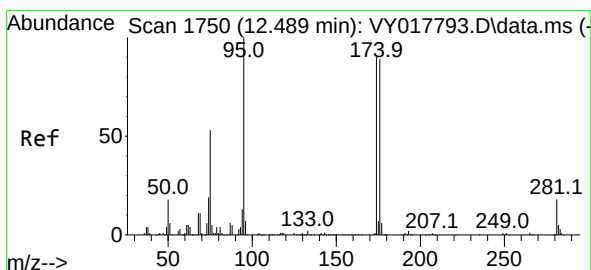
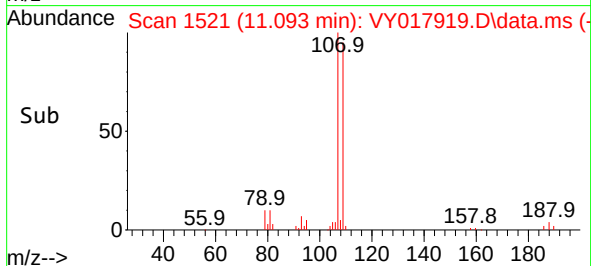
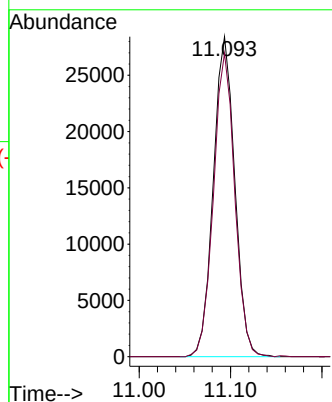
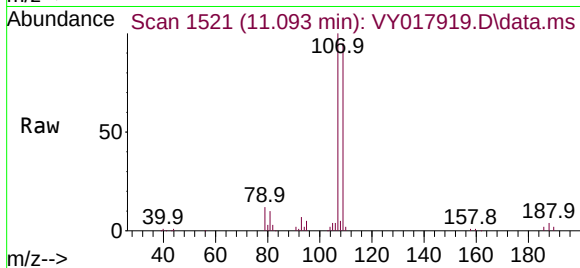
ClientSampleId :

Tgt Ion:107 Resp: 46273

Ion Ratio Lower Upper

107 100

109 94.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 59.23 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

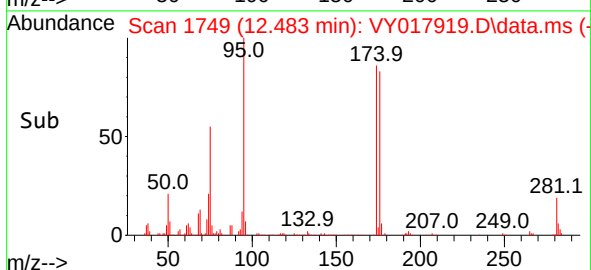
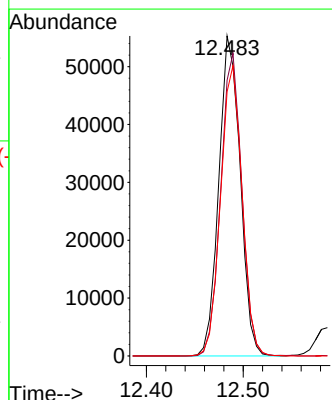
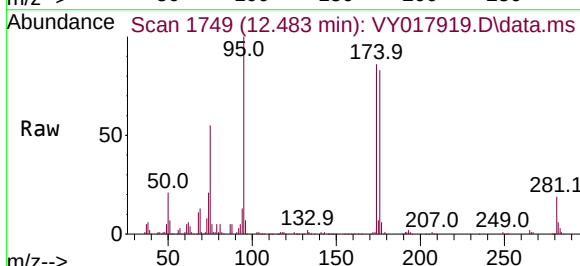
Tgt Ion: 95 Resp: 84788

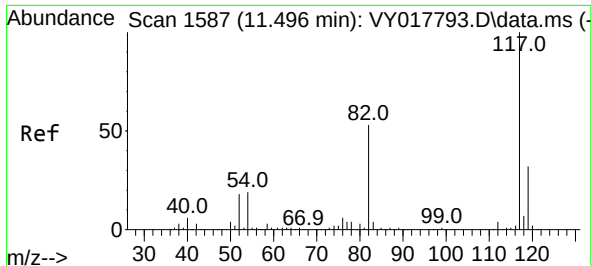
Ion Ratio Lower Upper

95 100

174 93.3 0.0 175.6

176 91.2 0.0 171.4

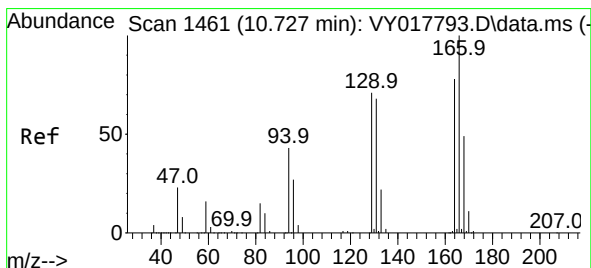
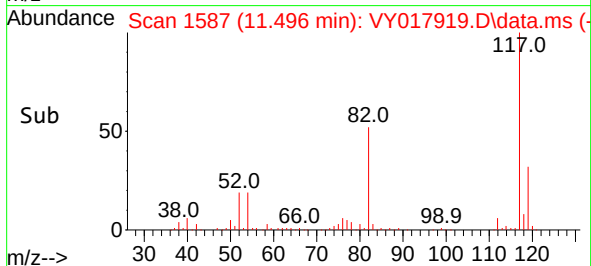
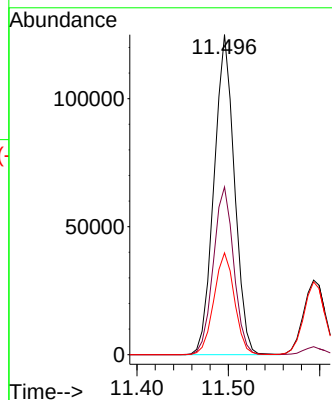
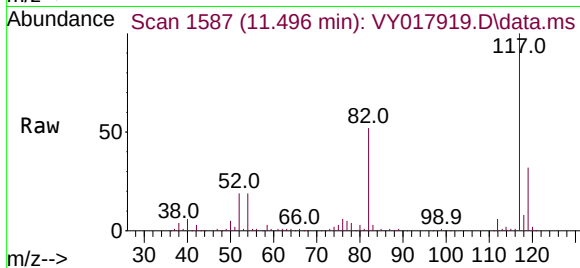




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

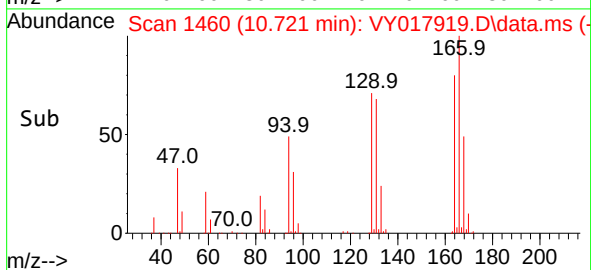
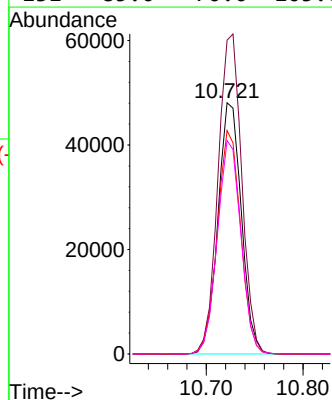
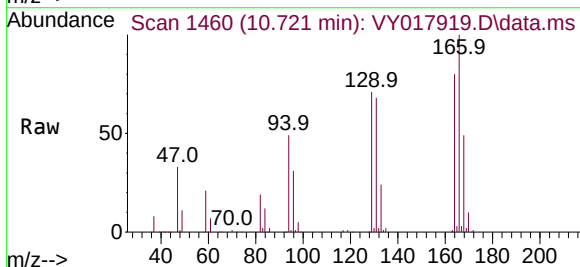
Instrument :
MSVOA_Y
ClientSampleId :

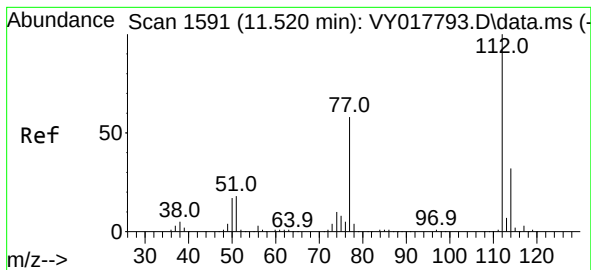
Tgt Ion:117 Resp: 193845
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 47.74 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

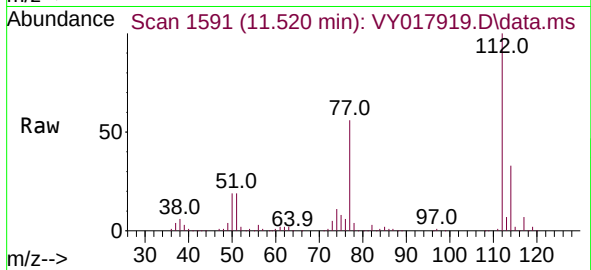
Tgt Ion:164 Resp: 80722
Ion Ratio Lower Upper
164 100
166 124.9 102.6 154.0
129 88.9 72.0 108.0
131 85.0 70.0 105.0



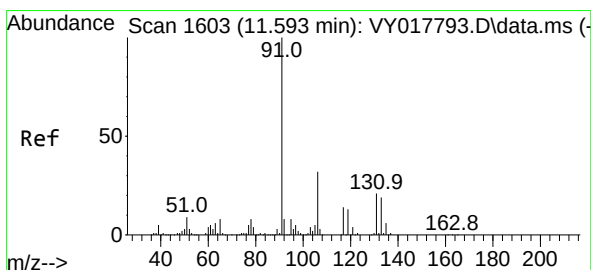
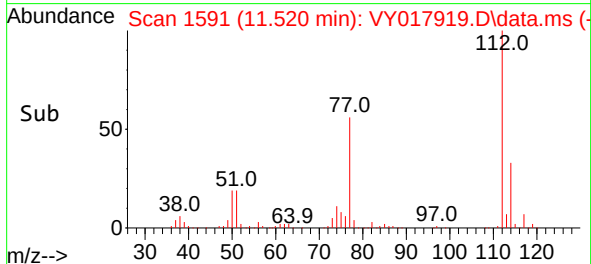
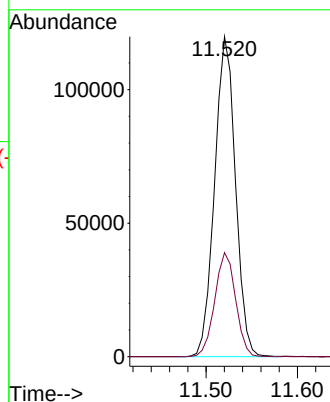


#65
Chlorobenzene
Concen: 47.78 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Instrument :
MSVOA_Y
ClientSampleId :

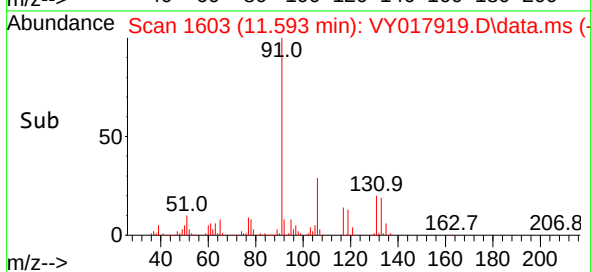
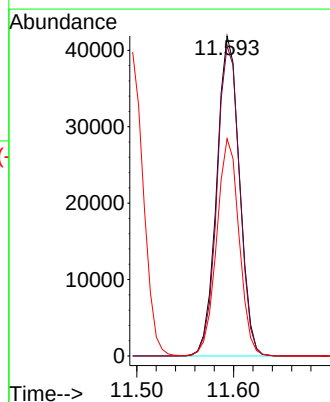
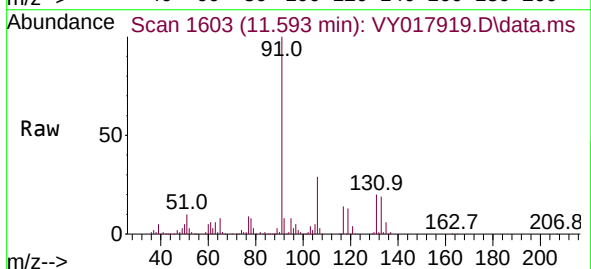


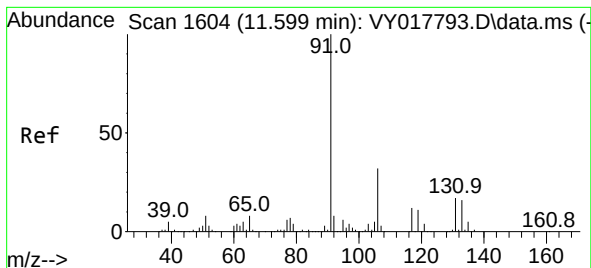
Tgt Ion:112 Resp: 190006
Ion Ratio Lower Upper
112 100
114 32.5 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.61 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion:131 Resp: 68328
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.3
119 67.0 34.1 102.2





#67

Ethyl Benzene

Concen: 49.28 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

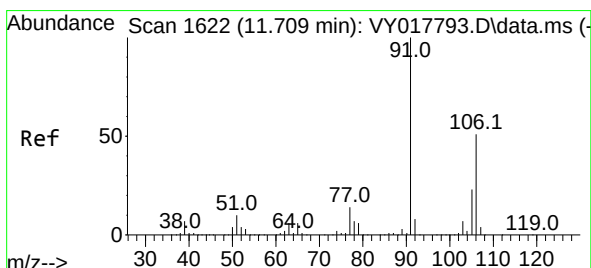
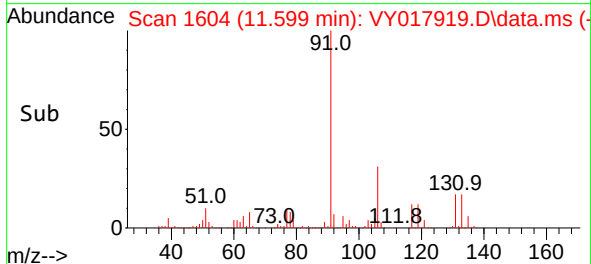
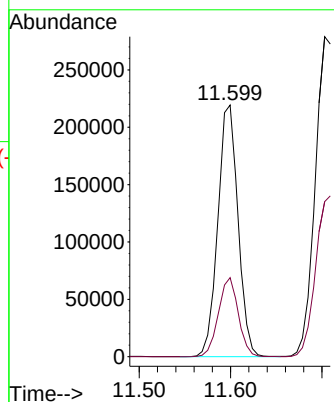
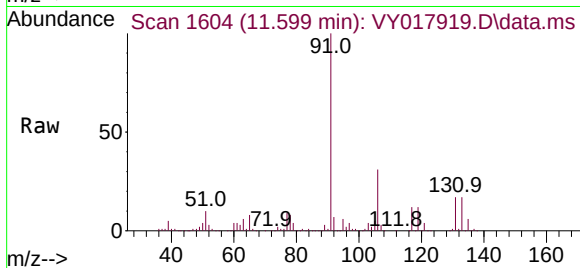
ClientSampleId :

Tgt Ion: 91 Resp: 336888

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 99.16 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017919.D

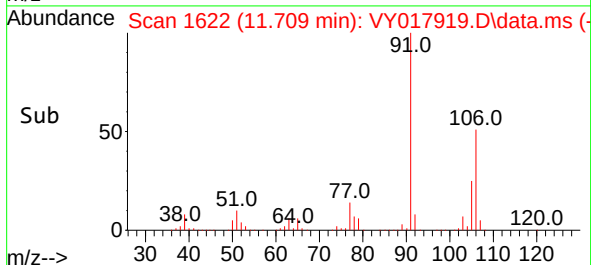
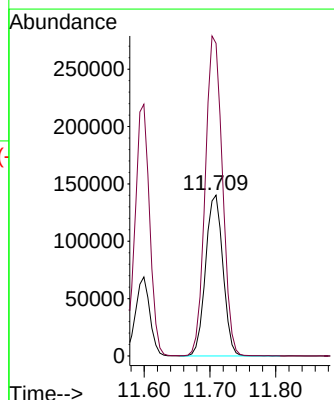
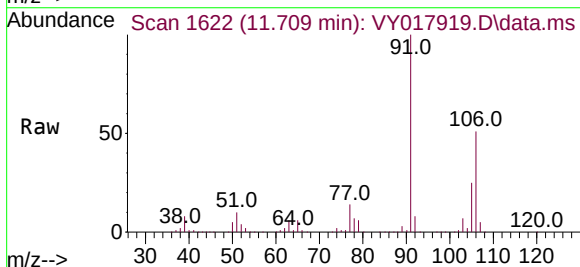
Acq: 12 Apr 2024 09:28

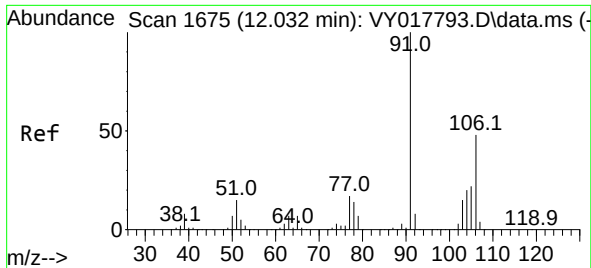
Tgt Ion:106 Resp: 257069

Ion Ratio Lower Upper

106 100

91 197.6 156.0 234.0

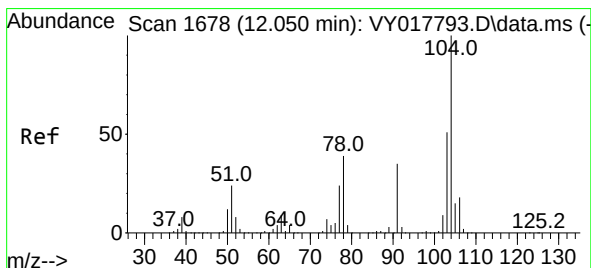
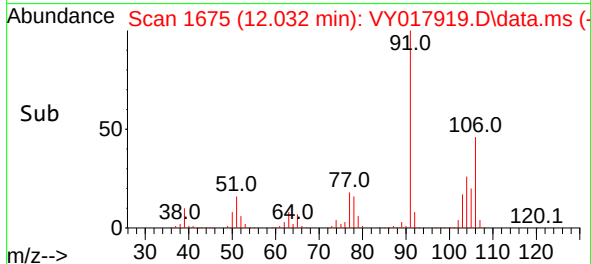
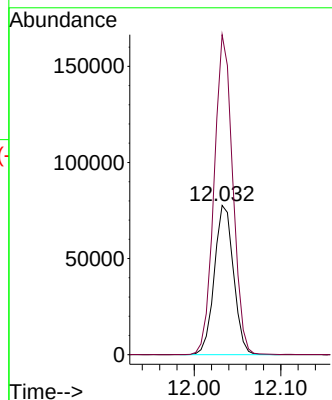
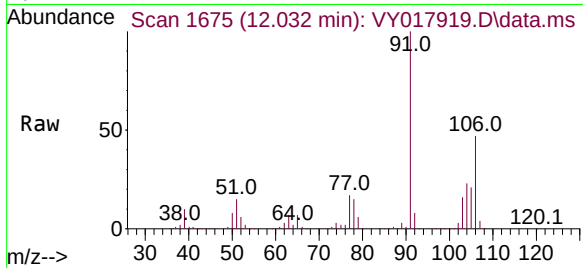




#69
o-Xylene
Concen: 54.74 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

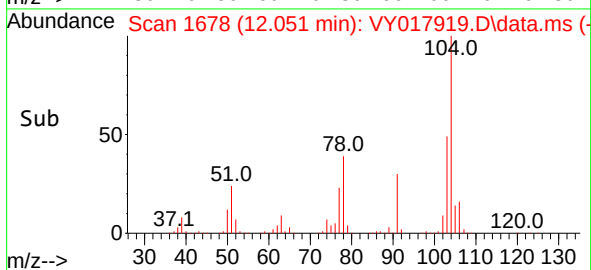
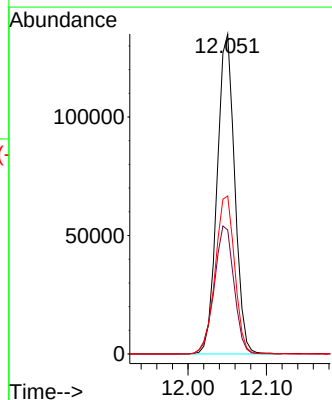
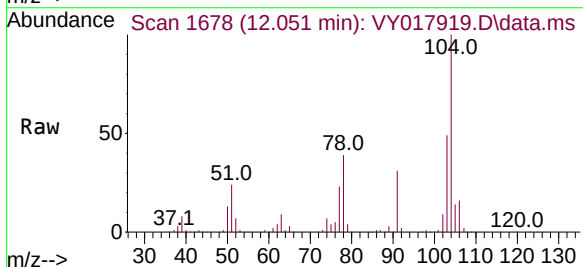
Instrument :
MSVOA_Y
ClientSampleId :

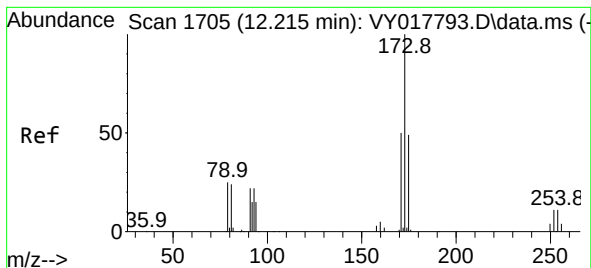
Tgt Ion:106 Resp: 119483
Ion Ratio Lower Upper
106 100
91 208.6 103.6 310.8



#70
Styrene
Concen: 55.81 ug/l
RT: 12.051 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion:104 Resp: 210797
Ion Ratio Lower Upper
104 100
78 44.9 37.0 55.4
103 54.6 44.2 66.2





#71

Bromoform

Concen: 50.16 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

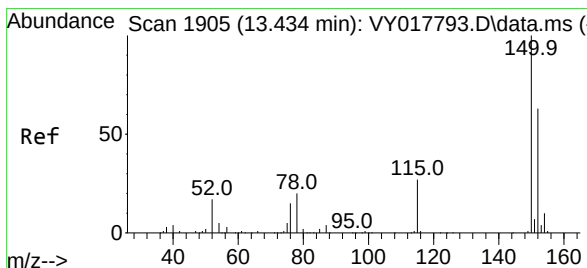
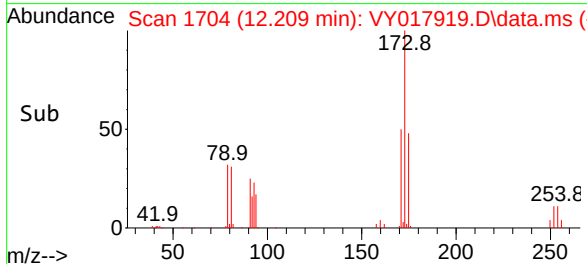
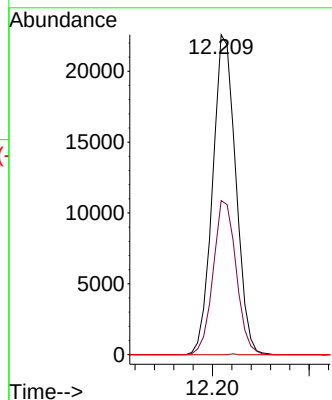
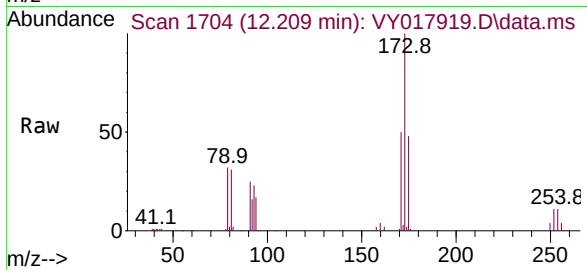
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 37539

Ion	Ratio	Lower	Upper
173	100		
175	47.8	25.1	75.3
254	0.1	0.0	0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.434 min Scan# 1905

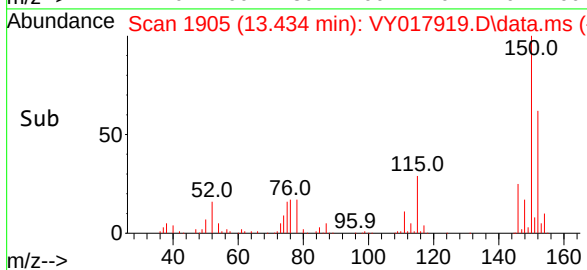
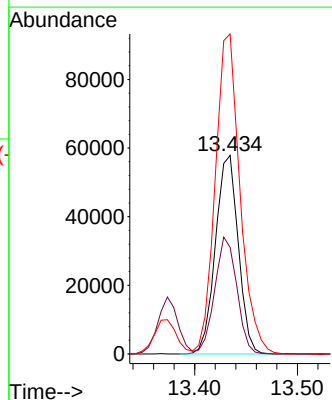
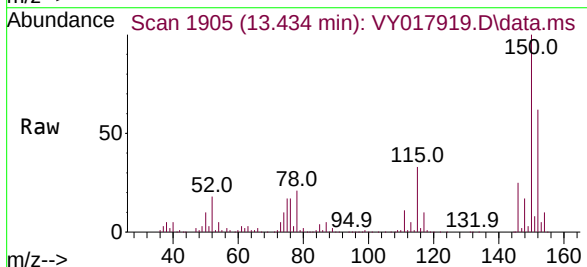
Delta R.T. 0.000 min

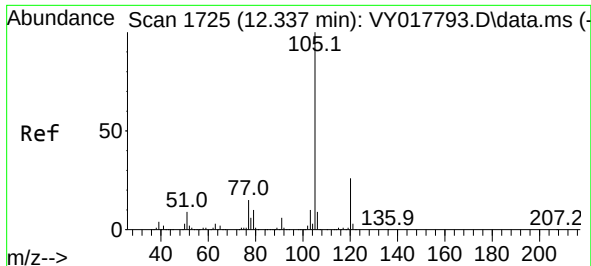
Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Tgt Ion:152 Resp: 89117

Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.2	84.7
150	174.9	0.0	345.6

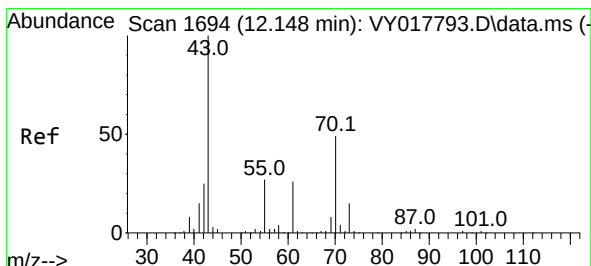
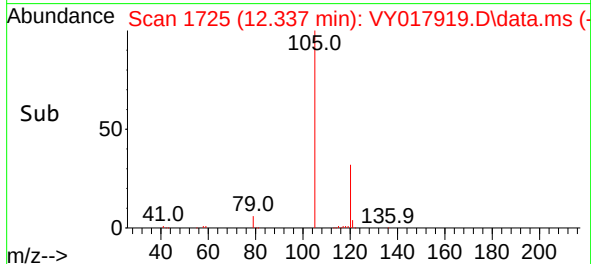
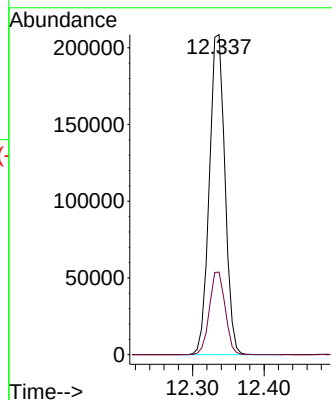
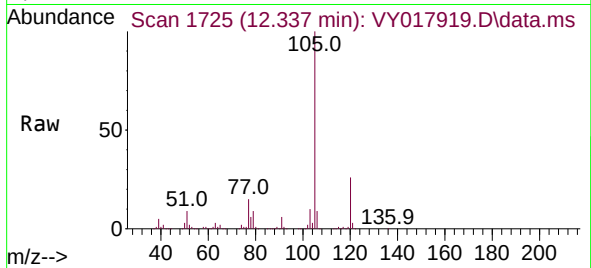




#73
Isopropylbenzene
Concen: 50.63 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

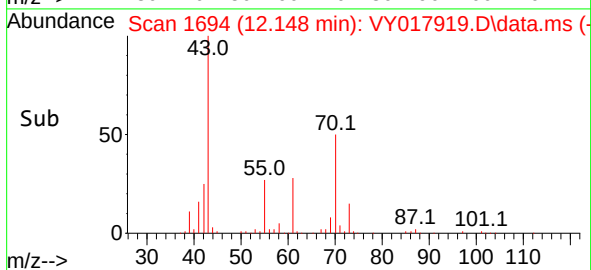
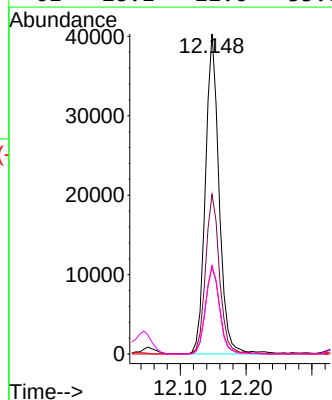
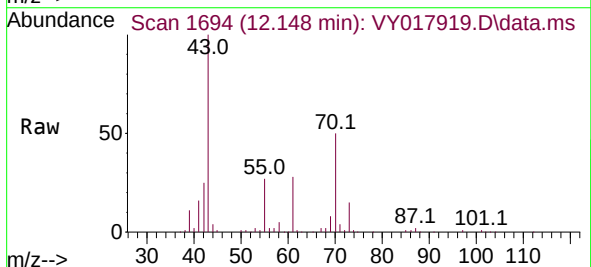
Instrument :
MSVOA_Y
ClientSampleId :

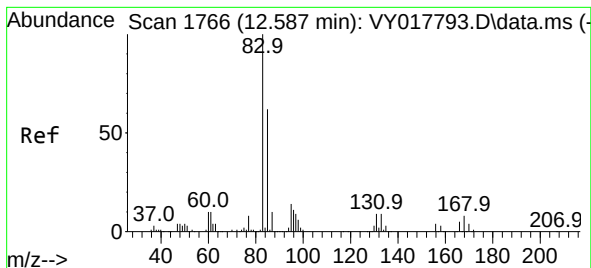
Tgt Ion:105 Resp: 316192
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1



#74
N-ethyl acetate
Concen: 49.67 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion: 43 Resp: 58447
Ion Ratio Lower Upper
43 100
70 50.8 41.4 62.2
55 28.5 23.3 34.9
61 28.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.17 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017919.D

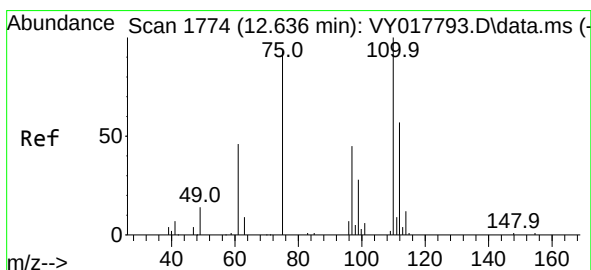
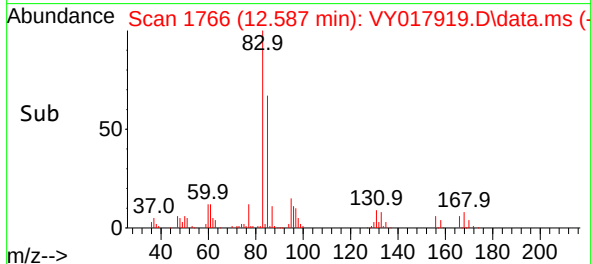
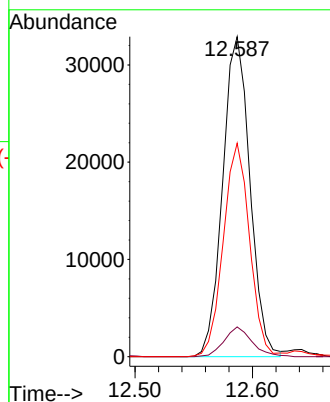
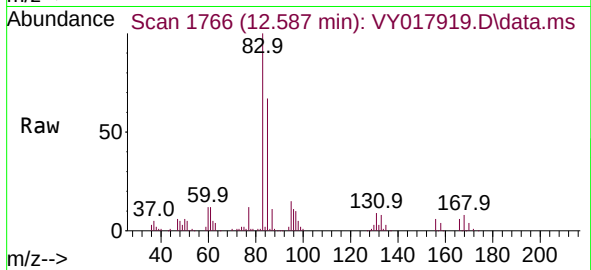
Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	53119
Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.0	14.9
85	64.5	32.0	96.0



#76

1,2,3-Trichloropropane

Concen: 87.11 ug/l

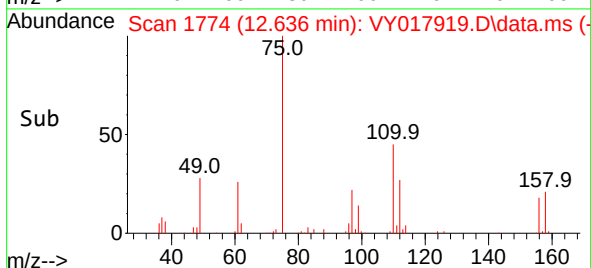
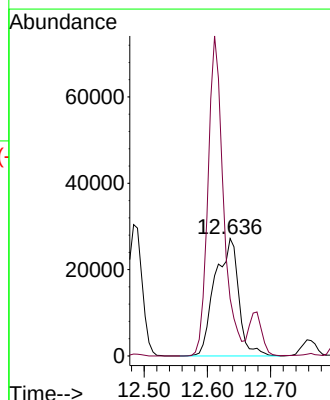
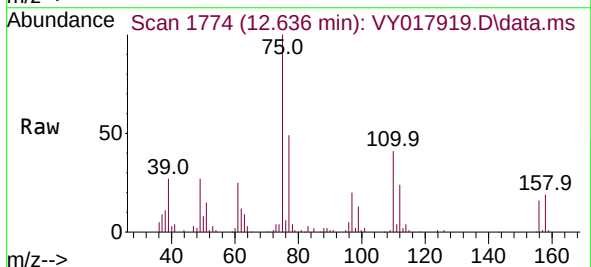
RT: 12.636 min Scan# 1774

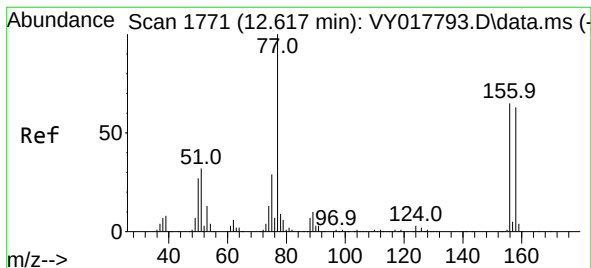
Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Tgt Ion:	75	Resp:	70738
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.54 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

ClientSampleId :

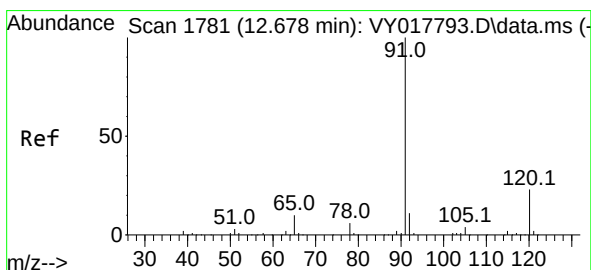
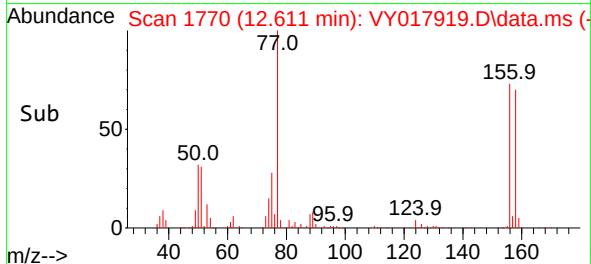
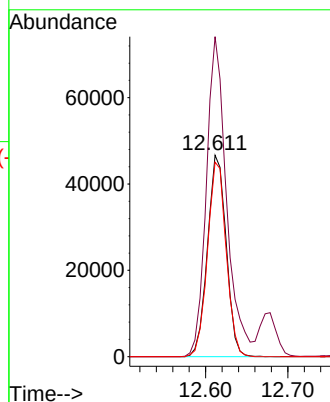
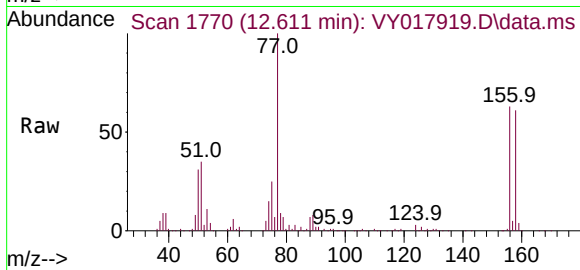
Tgt Ion:156 Resp: 73681

Ion Ratio Lower Upper

156 100

77 171.1 87.1 261.3

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 50.18 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY017919.D

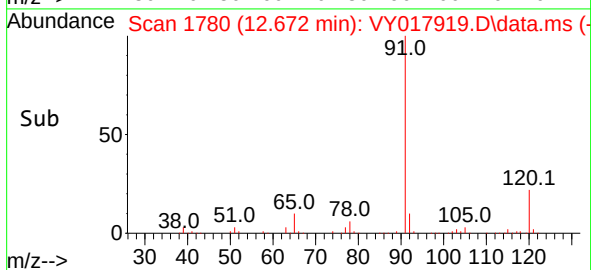
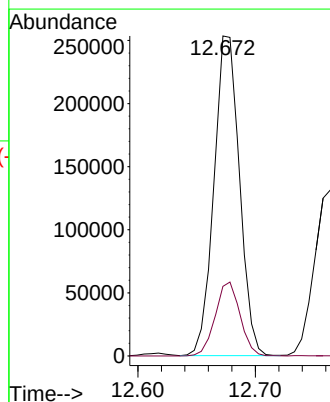
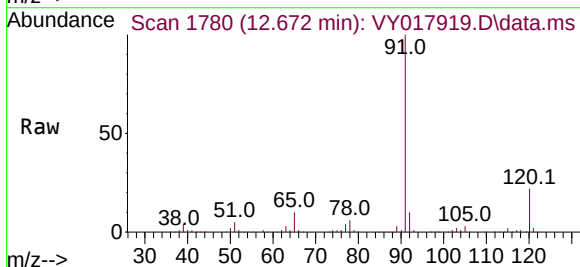
Acq: 12 Apr 2024 09:28

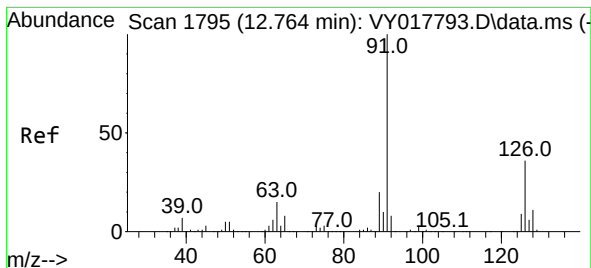
Tgt Ion: 91 Resp: 382386

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

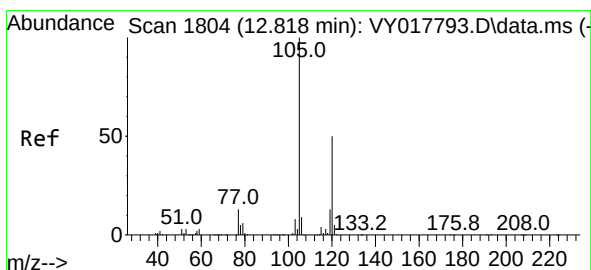
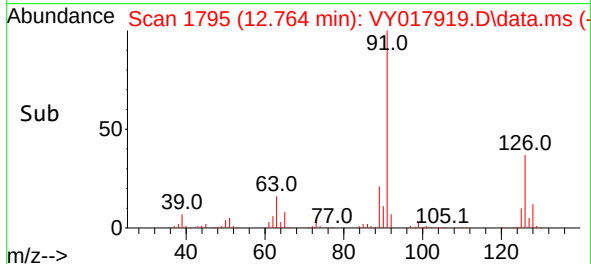
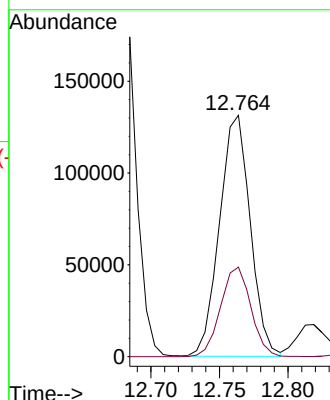
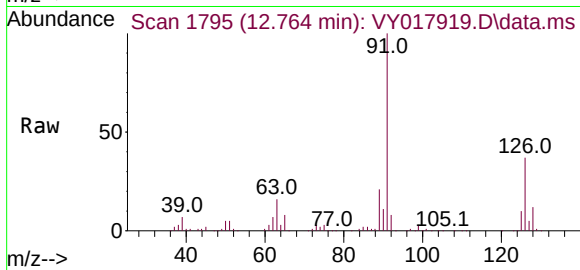




#79
2-Chlorotoluene
Concen: 49.17 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

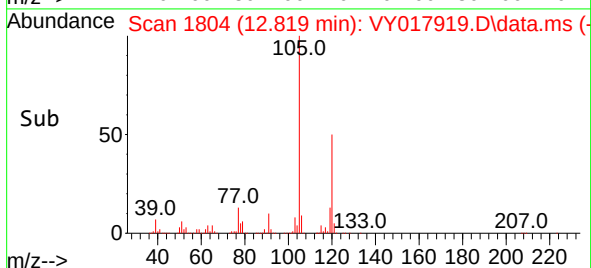
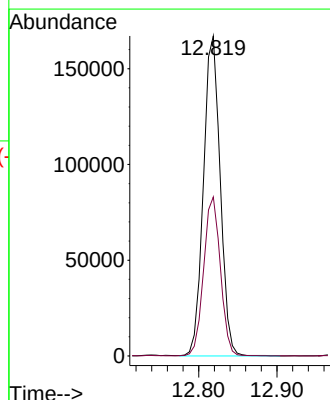
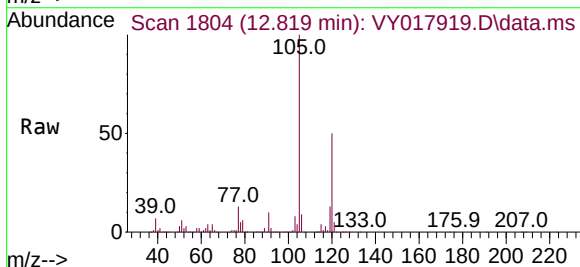
Instrument :
MSVOA_Y
ClientSampleId :

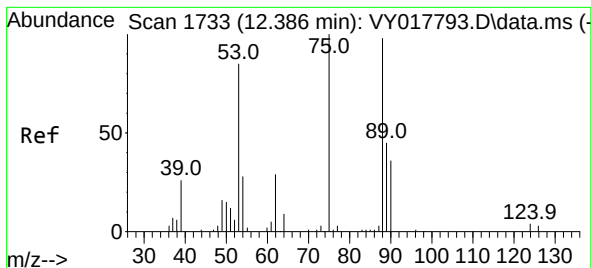
Tgt Ion: 91 Resp: 205244
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 50.97 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion: 105 Resp: 248450
Ion Ratio Lower Upper
105 100
120 49.6 25.1 75.2

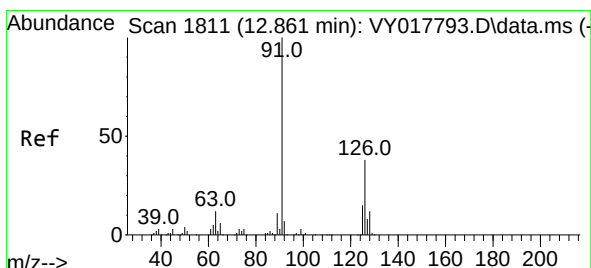
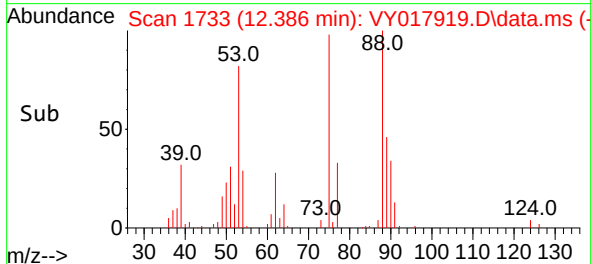
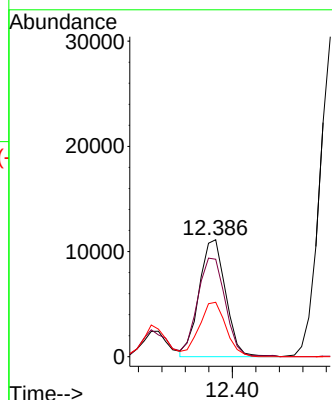
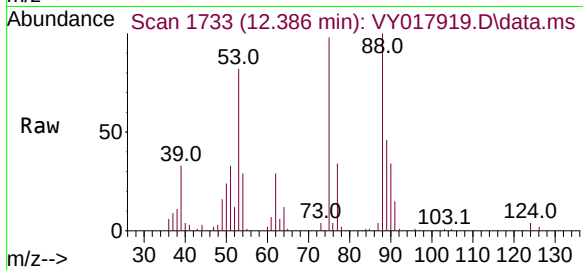




#81
trans-1,4-Dichloro-2-butene
Concen: 50.11 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

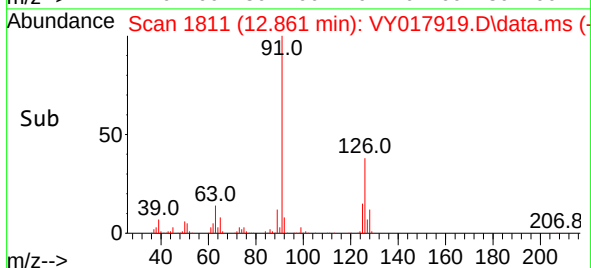
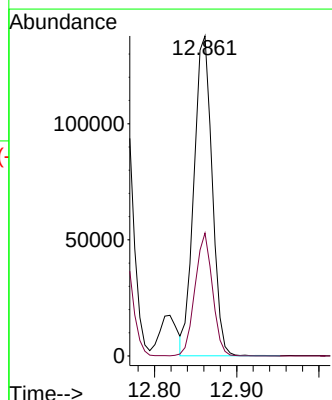
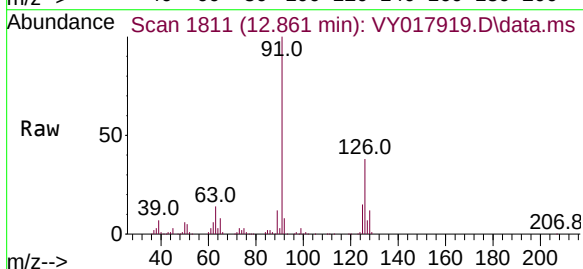
Instrument :
MSVOA_Y
ClientSampleId :

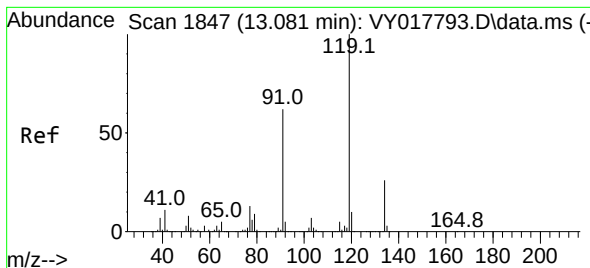
Tgt Ion: 75 Resp: 17459
Ion Ratio Lower Upper
75 100
53 88.4 66.8 100.2
89 47.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 48.95 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

Tgt Ion: 91 Resp: 211570
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 49.81 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

ClientSampleId :

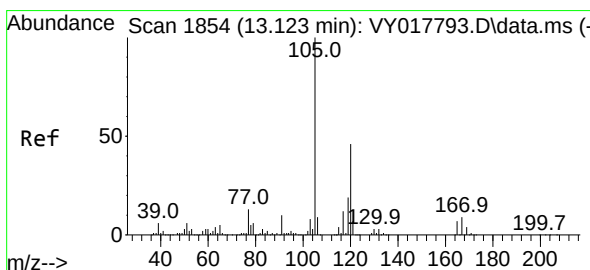
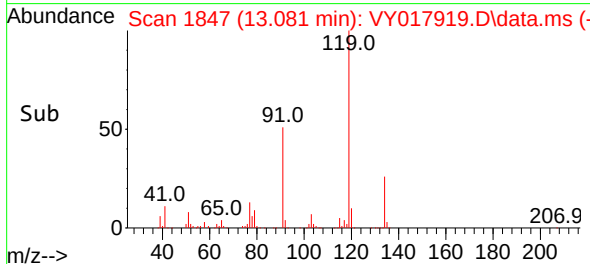
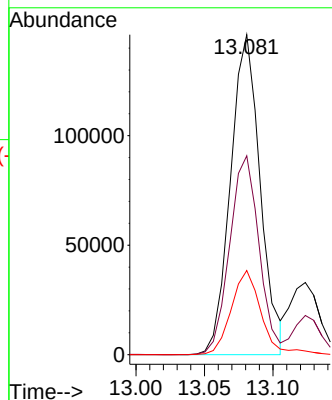
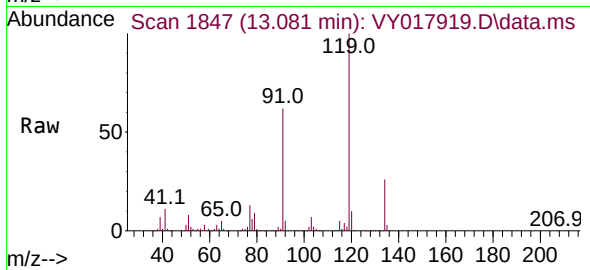
Tgt Ion:119 Resp: 220705

Ion Ratio Lower Upper

119 100

91 61.6 31.3 93.8

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.21 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017919.D

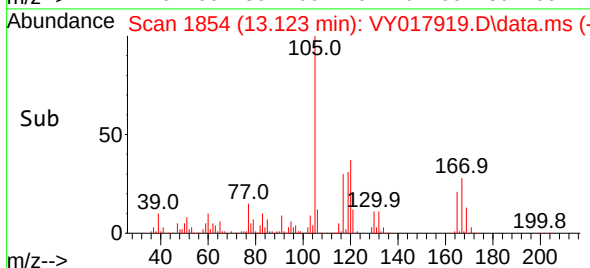
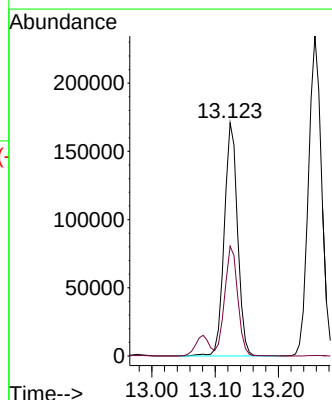
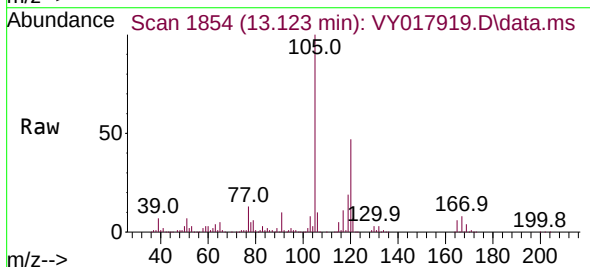
Acq: 12 Apr 2024 09:28

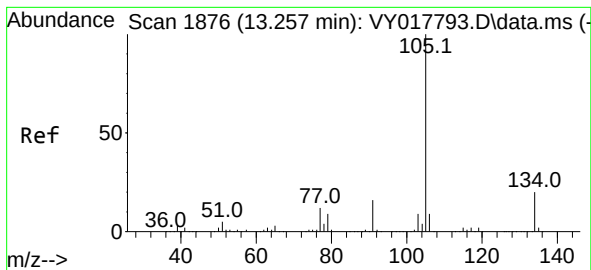
Tgt Ion:105 Resp: 248571

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.71 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

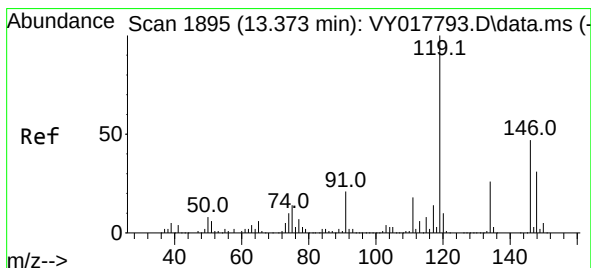
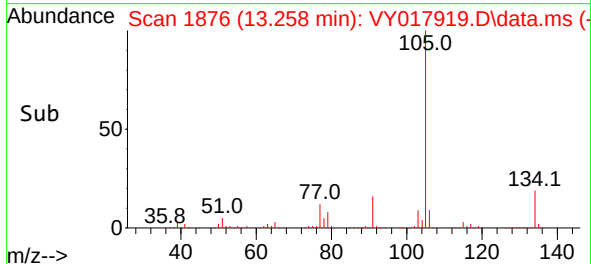
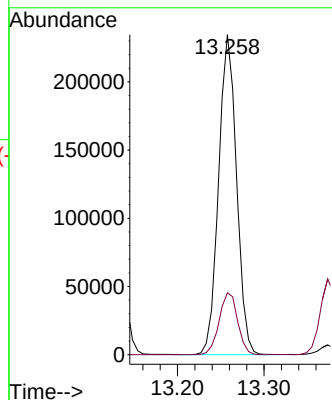
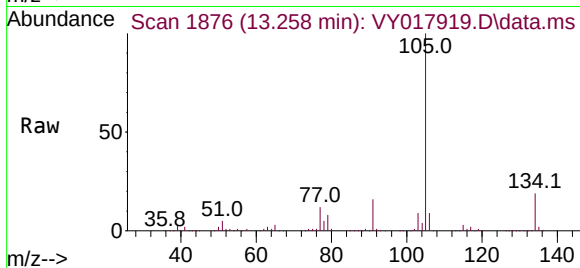
ClientSampleId :

Tgt Ion:105 Resp: 337249

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.51 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

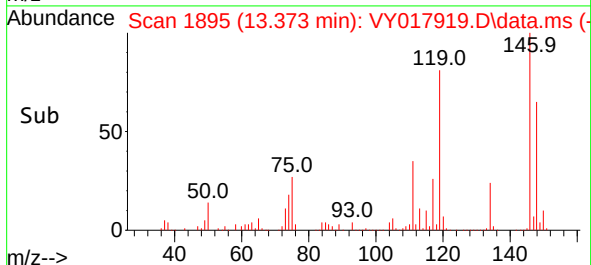
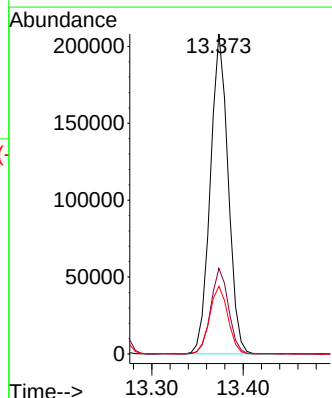
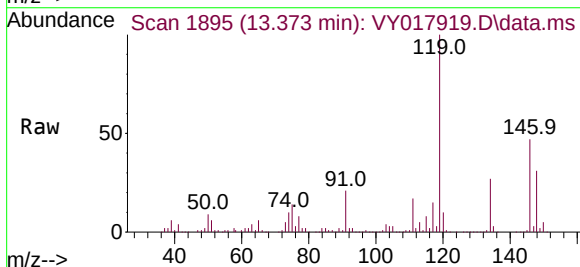
Tgt Ion:119 Resp: 280800

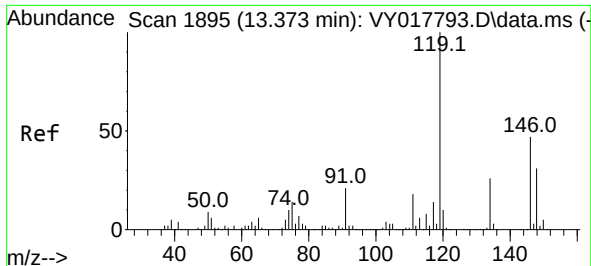
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 21.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.35 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

ClientSampleId :

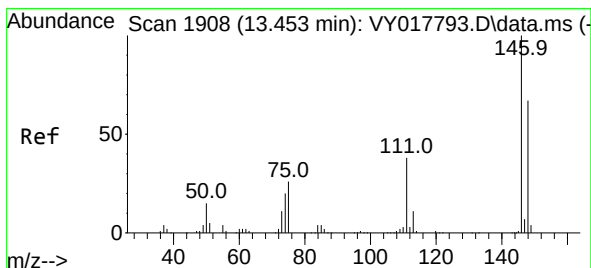
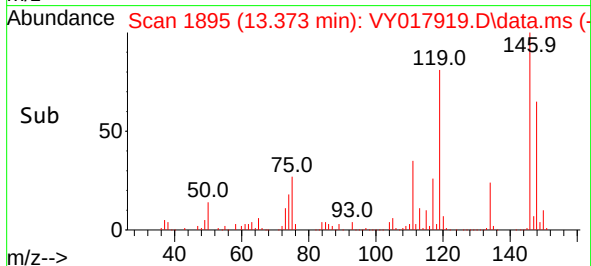
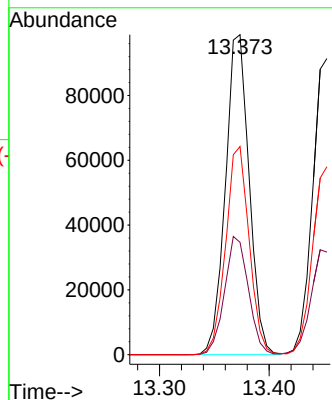
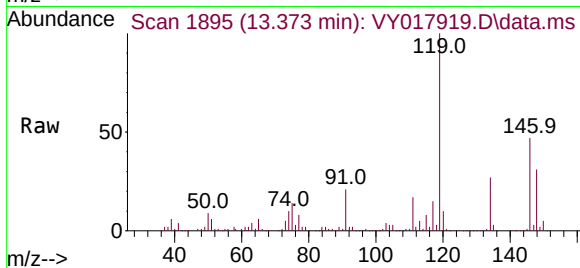
Tgt Ion:146 Resp: 148592

Ion Ratio Lower Upper

146 100

111 37.2 19.0 57.0

148 64.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.56 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

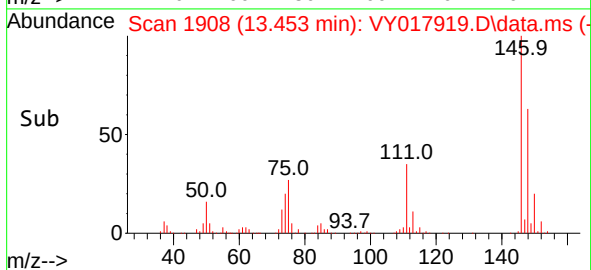
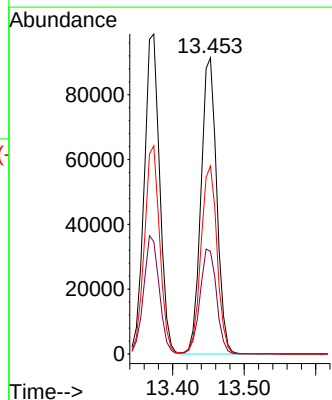
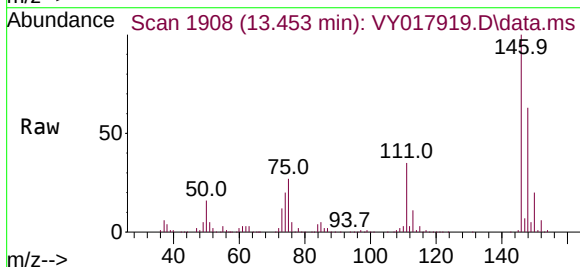
Tgt Ion:146 Resp: 140016

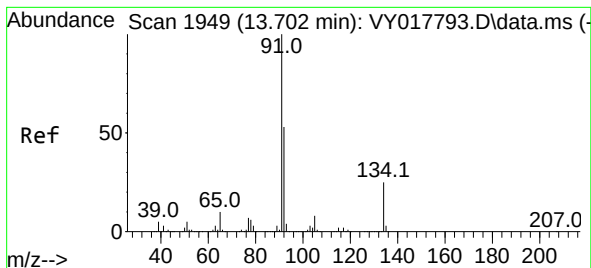
Ion Ratio Lower Upper

146 100

111 37.3 18.4 55.4

148 64.7 32.4 97.2





#89

n-Butylbenzene

Concen: 50.60 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

ClientSampleId :

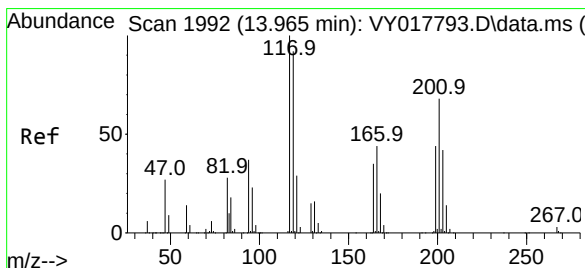
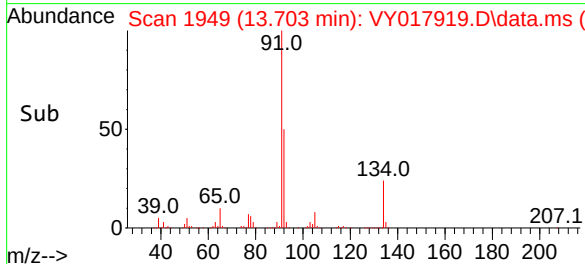
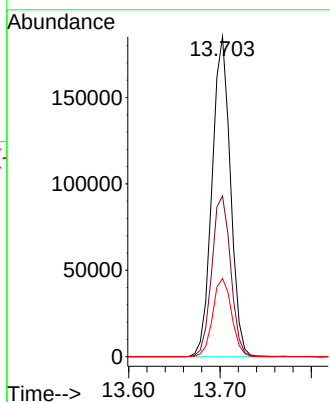
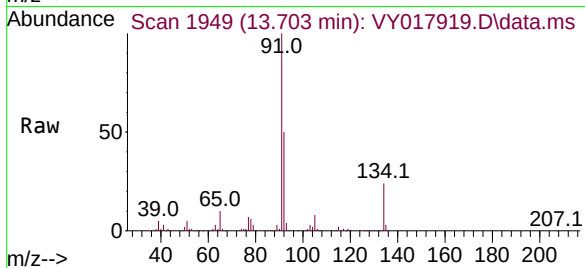
Tgt Ion: 91 Resp: 258820

Ion Ratio Lower Upper

91 100

92 51.6 26.6 79.7

134 25.1 12.9 38.7



#90

Hexachloroethane

Concen: 65.25 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017919.D

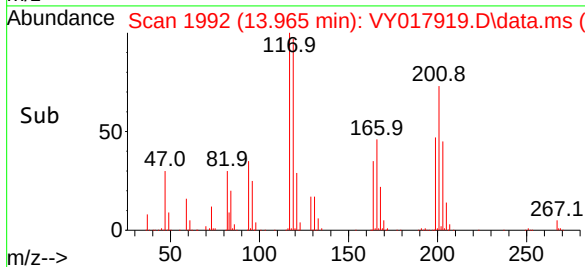
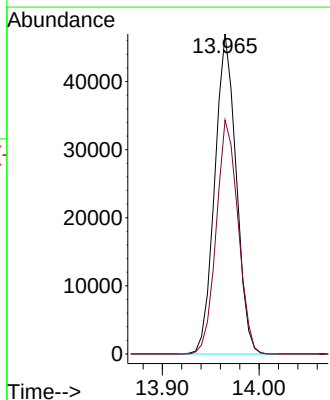
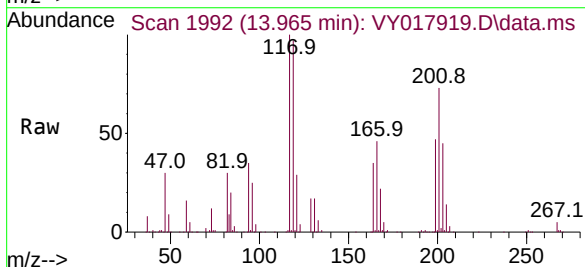
Acq: 12 Apr 2024 09:28

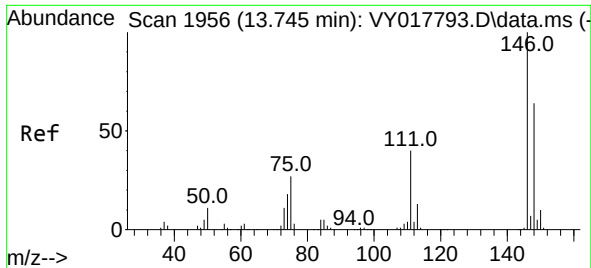
Tgt Ion: 117 Resp: 72132

Ion Ratio Lower Upper

117 100

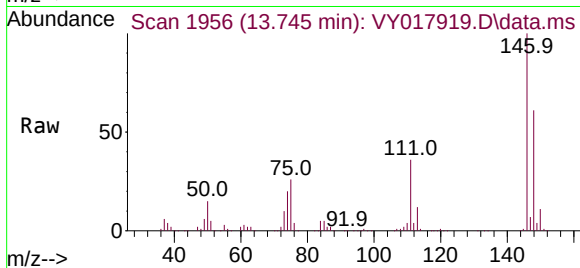
201 74.3 37.4 112.2



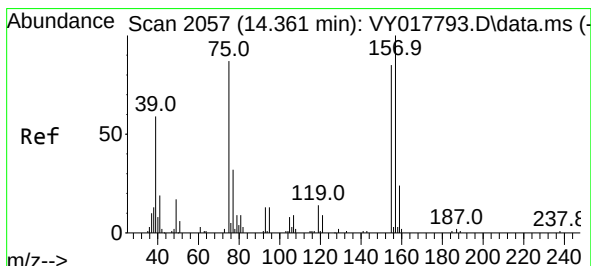
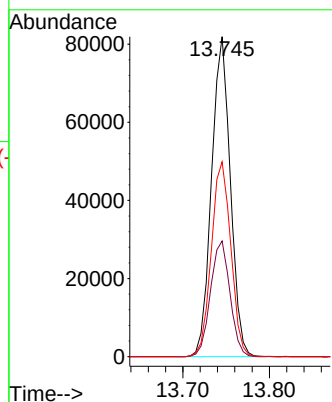
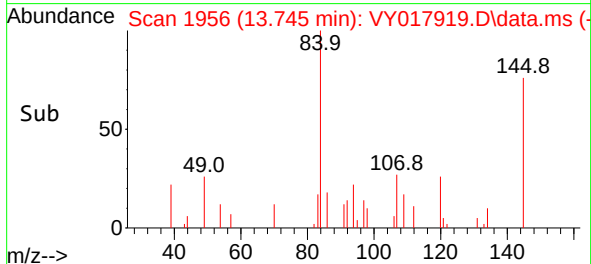


#91
1,2-Dichlorobenzene
Concen: 50.54 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28

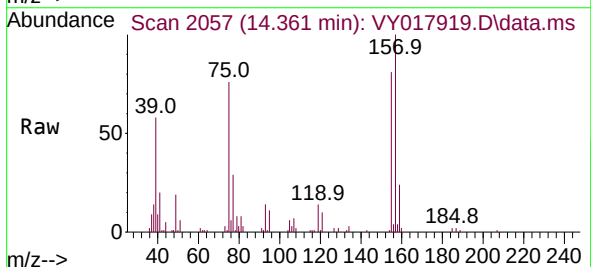
Instrument :
MSVOA_Y
ClientSampleId :



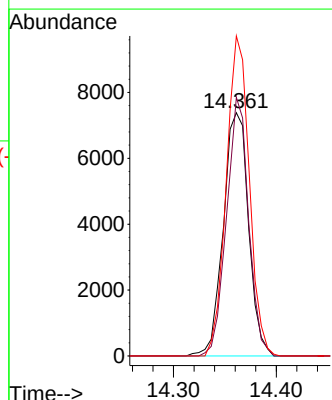
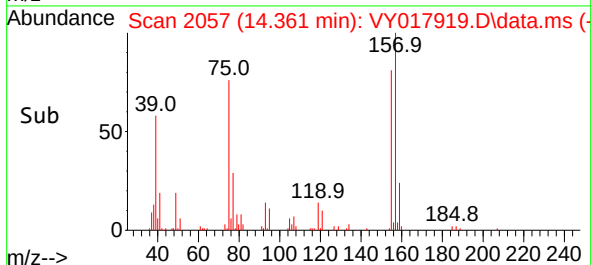
Tgt Ion:146 Resp: 123639
Ion Ratio Lower Upper
146 100
111 37.4 19.9 59.7
148 63.1 31.8 95.4

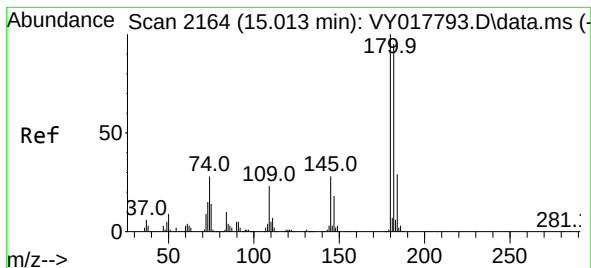


#92
1,2-Dibromo-3-Chloropropane
Concen: 86.08 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017919.D
Acq: 12 Apr 2024 09:28



Tgt Ion: 75 Resp: 12566
Ion Ratio Lower Upper
75 100
155 93.1 48.6 145.8
157 119.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 100.01 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

ClientSampleId :

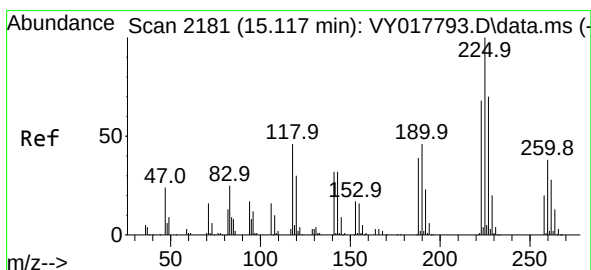
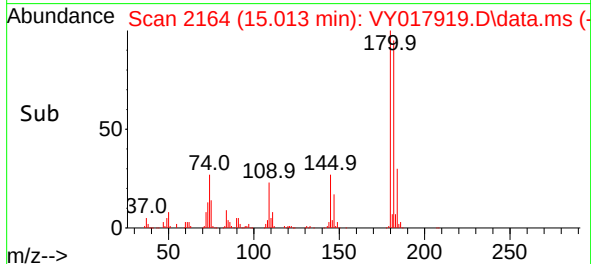
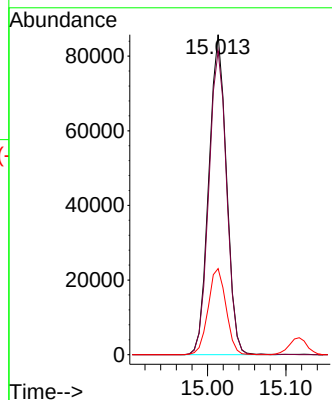
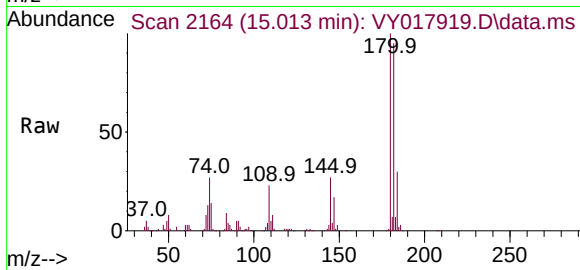
Tgt Ion:180 Resp: 134018

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 27.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 99.14 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

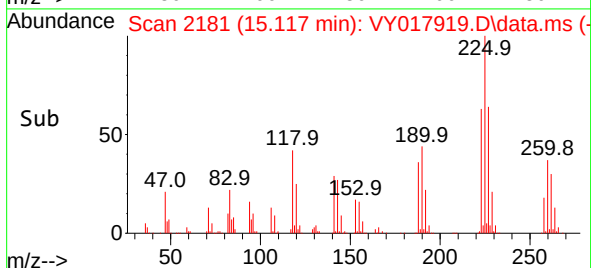
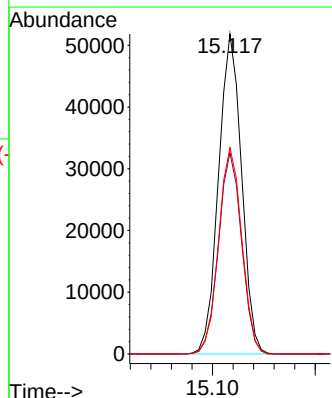
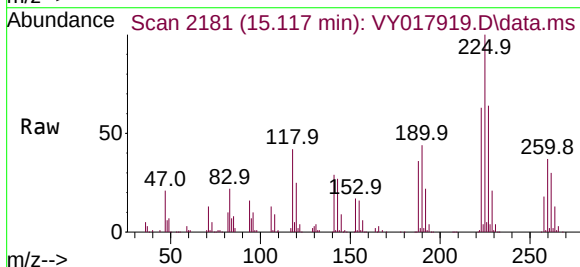
Tgt Ion:225 Resp: 80538

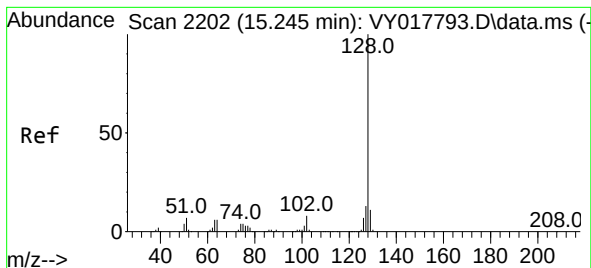
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 64.8 31.9 95.9





#95

Naphthalene

Concen: 86.85 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Instrument :

MSVOA_Y

ClientSampleId :

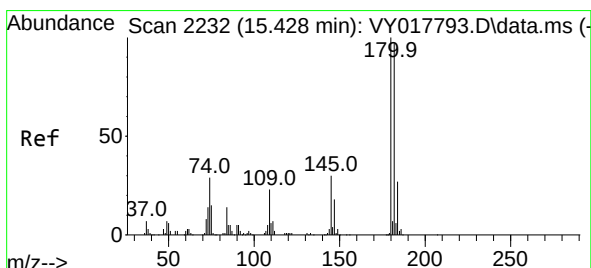
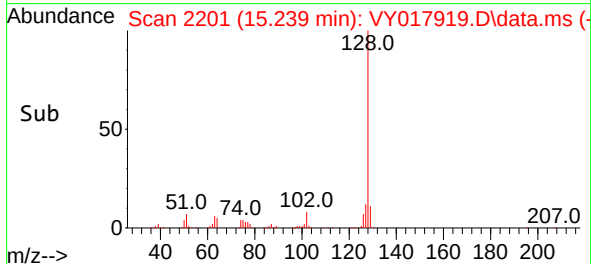
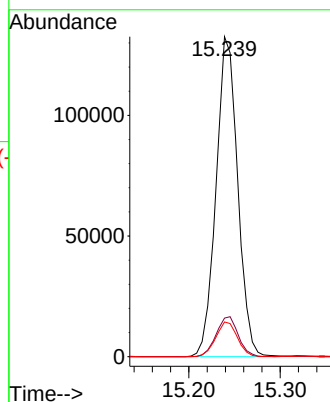
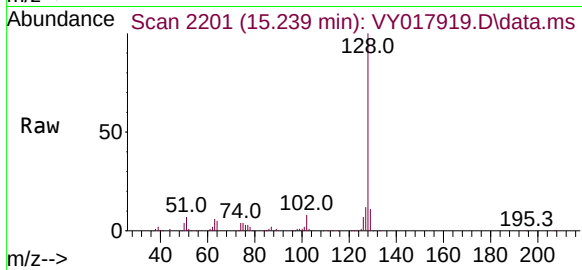
Tgt Ion:128 Resp: 218196

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 99.23 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017919.D

Acq: 12 Apr 2024 09:28

Tgt Ion:180 Resp: 112323

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 29.2 15.4 46.1

