

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY017992.D
 Acq On : 19 Apr 2024 12:36
 Operator : SY/MD
 Sample : VY0419SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBS01

Quant Time: Apr 19 23:22:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	453970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	701644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	594710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	275172	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	185573	47.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.48%
35) Dibromofluoromethane	7.716	113	221906	51.26	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.52%
50) Toluene-d8	10.179	98	881125	53.64	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.28%
62) 4-Bromofluorobenzene	12.483	95	262018	51.51	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.02%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	85251	23.67	ug/l	99
3) Chloromethane	2.113	50	104803	17.56	ug/l	99
4) Vinyl Chloride	2.247	62	118828	17.67	ug/l	98
5) Bromomethane	2.649	94	77586	17.33	ug/l	95
6) Chloroethane	2.790	64	71512	16.84	ug/l	99
7) Trichlorofluoromethane	3.125	101	154419	20.37	ug/l	96
8) Diethyl Ether	3.527	74	44537	18.59	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	99218	21.02	ug/l	97
10) Methyl Iodide	4.094	142	127926	20.37	ug/l	98
11) Tert butyl alcohol	4.948	59	23056	71.55	ug/l	98
12) 1,1-Dichloroethene	3.869	96	96082	20.97	ug/l	99
13) Acrolein	3.729	56	37063	121.14	ug/l	99
14) Allyl chloride	4.478	41	117344	19.79	ug/l	94
15) Acrylonitrile	5.161	53	84427	86.81	ug/l	99
16) Acetone	3.948	43	58054	74.79	ug/l	92
17) Carbon Disulfide	4.192	76	297379	20.40	ug/l	97
18) Methyl Acetate	4.478	43	32690	16.01	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	177793	17.80	ug/l	99
20) Methylene Chloride	4.710	84	109612	20.84	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	102340	20.39	ug/l	96
22) Diisopropyl ether	6.118	45	252278	19.40	ug/l	100
23) Vinyl Acetate	6.057	43	691317	89.67	ug/l	99
24) 1,1-Dichloroethane	6.021	63	167670	19.75	ug/l	98
25) 2-Butanone	6.984	43	94432	82.77	ug/l	94
26) 2,2-Dichloropropane	6.978	77	137568	20.20	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	114373	19.95	ug/l	99
28) Bromochloromethane	7.332	49	60807	18.21	ug/l	99
29) Tetrahydrofuran	7.344	42	60531	83.60	ug/l	96
30) Chloroform	7.508	83	169513	19.54	ug/l	98
31) Cyclohexane	7.789	56	155059	20.65	ug/l	99
32) 1,1,1-Trichloroethane	7.703	97	148050	20.49	ug/l	99
36) 1,1-Dichloropropene	7.917	75	131254	20.85	ug/l	98
37) Ethyl Acetate	7.075	43	43853	16.93	ug/l #	97
38) Carbon Tetrachloride	7.905	117	133505	20.99	ug/l	99
39) Methylcyclohexane	9.185	83	171580	20.92	ug/l	96
40) Benzene	8.161	78	399251	20.25	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	25342	15.51	ug/l	89
42) 1,2-Dichloroethane	8.234	62	83631	18.51	ug/l	99
43) Isopropyl Acetate	8.270	43	81523	16.89	ug/l	99
44) Trichloroethene	8.941	130	103322	20.62	ug/l	98
45) 1,2-Dichloropropane	9.215	63	87480	19.27	ug/l	100
46) Dibromomethane	9.307	93	45766	18.23	ug/l	94
47) Bromodichloromethane	9.496	83	121739	19.33	ug/l	97
48) Methyl methacrylate	9.295	41	37723	17.05	ug/l	97
49) 1,4-Dioxane	9.301	88	9774	341.00	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	219492	85.76	ug/l	97
52) Toluene	10.246	92	249234	20.60	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	106878	18.59	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	134262	19.01	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	63976	18.74	ug/l	97
56) Ethyl methacrylate	10.514	69	76433	17.18	ug/l	98
57) 1,3-Dichloropropane	10.794	76	106717	18.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	195269	84.43	ug/l	99
59) 2-Hexanone	10.837	43	147671	84.52	ug/l	97
60) Dibromochloromethane	10.989	129	81392	18.56	ug/l	99
61) 1,2-Dibromoethane	11.093	107	57530	18.09	ug/l	98
64) Tetrachloroethene	10.721	164	91093	21.38	ug/l	99
65) Chlorobenzene	11.520	112	267607	20.53	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	87198	20.29	ug/l	99
67) Ethyl Benzene	11.593	91	453028	20.64	ug/l	99
68) m/p-Xylenes	11.703	106	353943	41.99	ug/l	100
69) o-Xylene	12.032	106	162734	20.67	ug/l	99
70) Styrene	12.044	104	270939	20.36	ug/l	99
71) Bromoform	12.209	173	45645	18.38	ug/l #	99
73) Isopropylbenzene	12.331	105	433525	21.62	ug/l	100
74) N-amyl acetate	12.148	43	70574	17.44	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	68239	18.25	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	83231	32.23	ug/l #	100
77) Bromobenzene	12.611	156	99554	20.52	ug/l	96
78) n-propylbenzene	12.672	91	520106	21.38	ug/l	99
79) 2-Chlorotoluene	12.757	91	287378	21.10	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	339673	21.36	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	22885	18.27	ug/l	96
82) 4-Chlorotoluene	12.855	91	289468	20.53	ug/l	99
83) tert-Butylbenzene	13.081	119	317090	21.84	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	334935	21.15	ug/l	98
85) sec-Butylbenzene	13.257	105	464089	21.28	ug/l	99
86) p-Isopropyltoluene	13.373	119	376566	21.01	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	195793	20.34	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	193808	20.51	ug/l	99
89) n-Butylbenzene	13.702	91	344926	20.46	ug/l	99
90) Hexachloroethane	13.964	117	76582	20.84	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	166476	20.04	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8030	16.69	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	91733	18.97	ug/l	98
94) Hexachlorobutadiene	15.117	225	57291	19.97	ug/l	99
95) Naphthalene	15.239	128	134395	16.86	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	74909	18.46	ug/l	100

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Response via : Initial Calibration

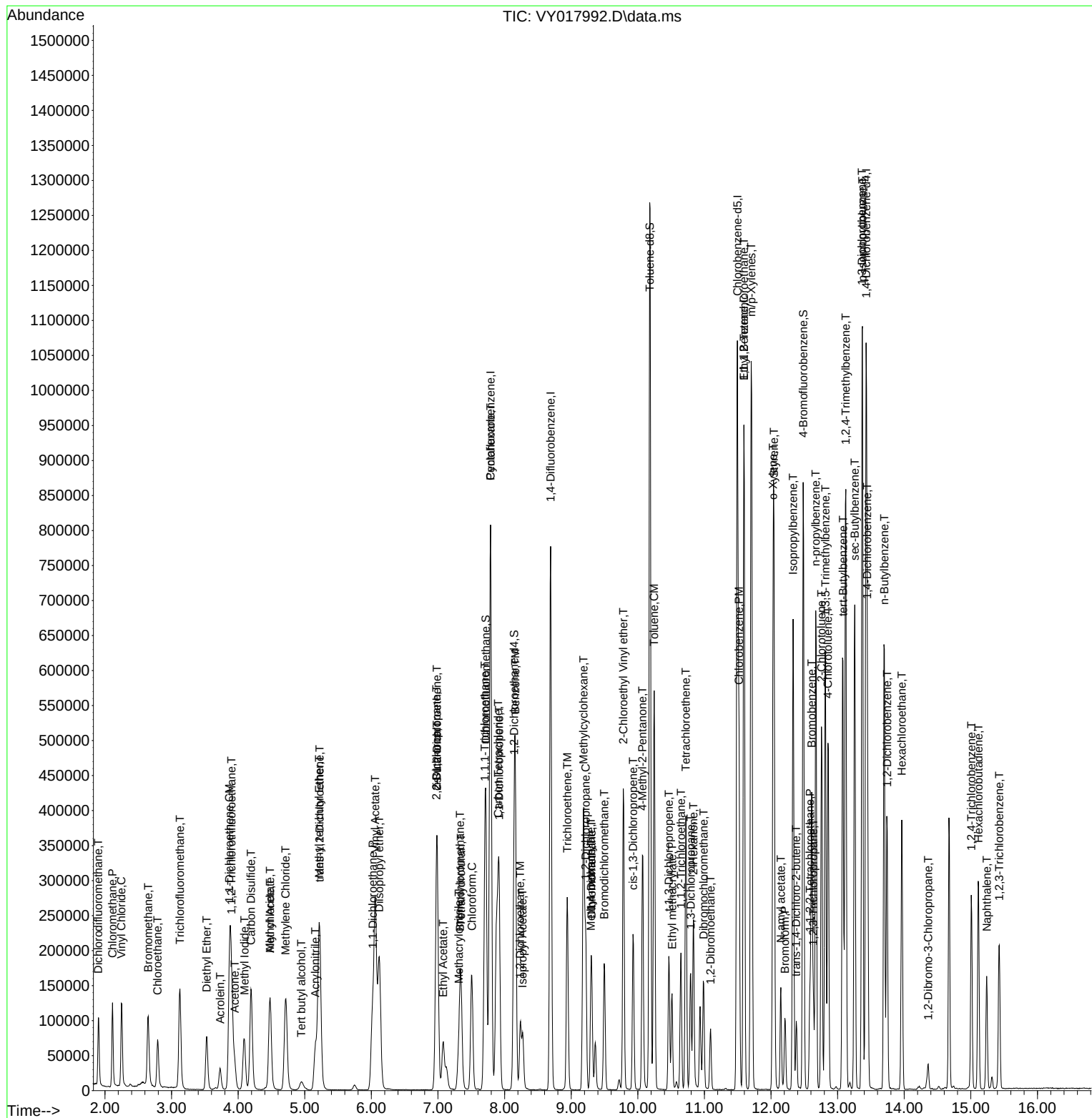
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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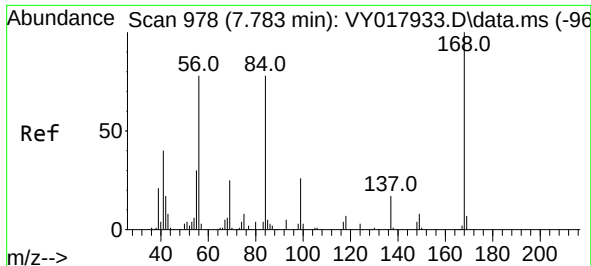
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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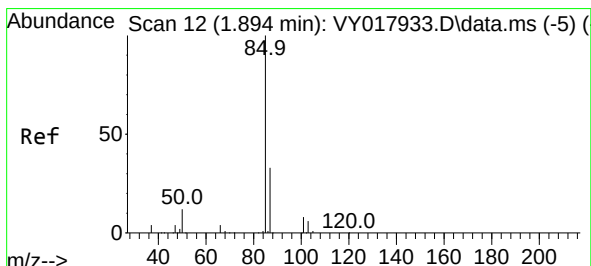
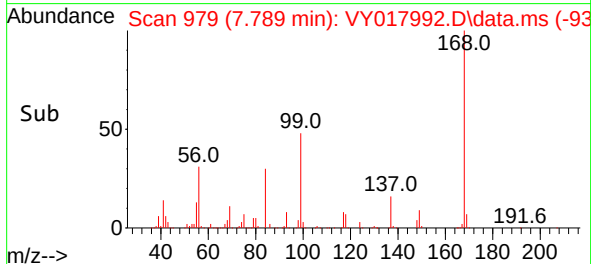
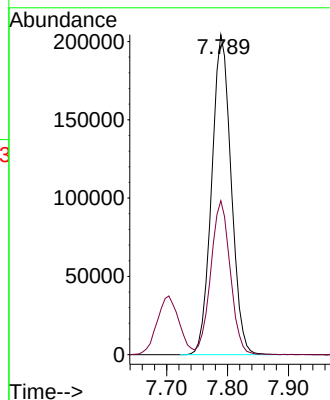
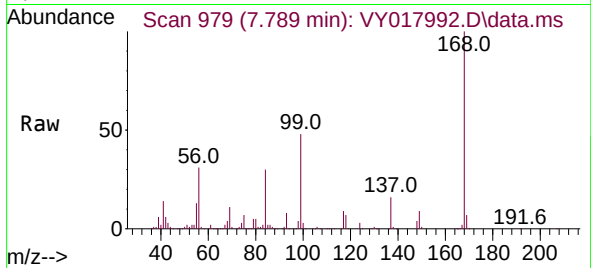




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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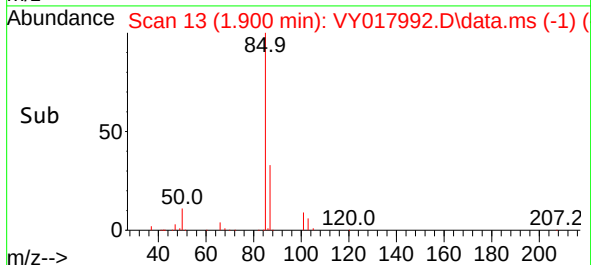
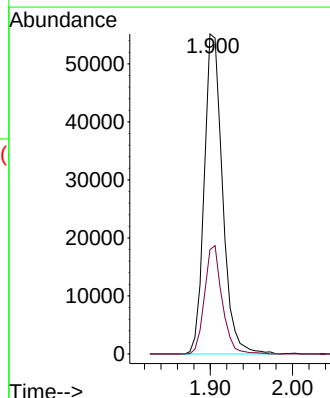
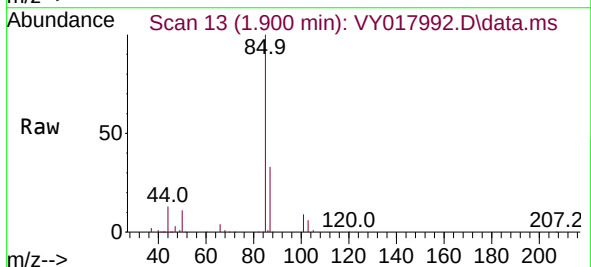
Instrument :
MSVOA_Y
ClientSampleId :
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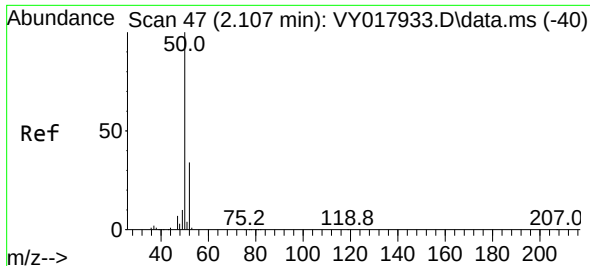
Tgt Ion:168 Resp: 453970
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 23.67 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 85 Resp: 85251
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0

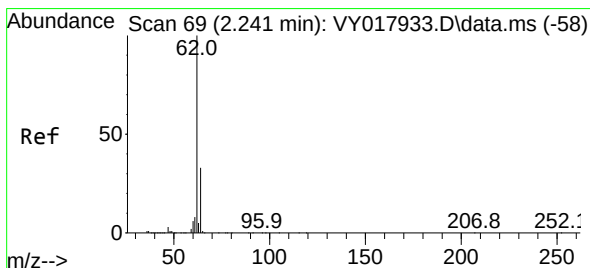
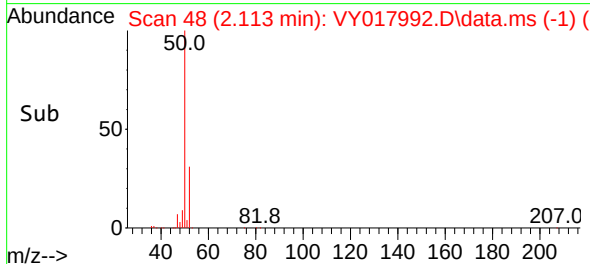
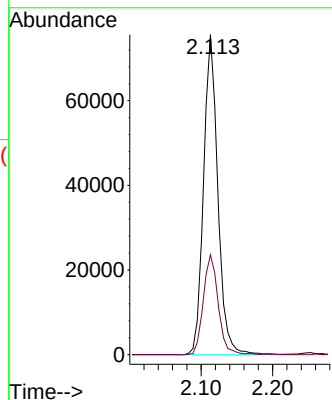
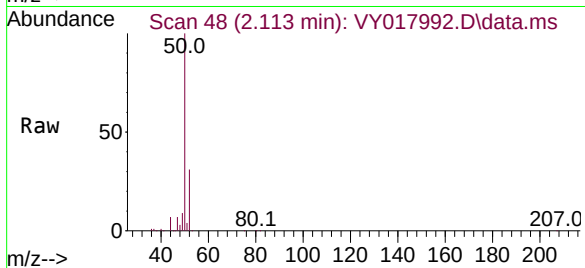




#3
Chloromethane
Concen: 17.56 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY017992.D
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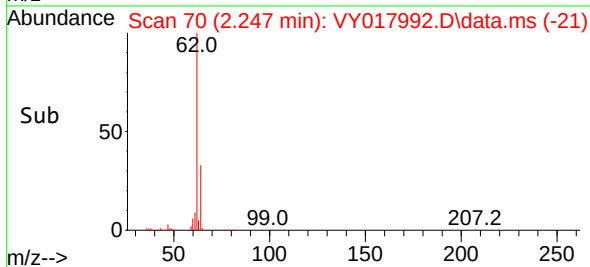
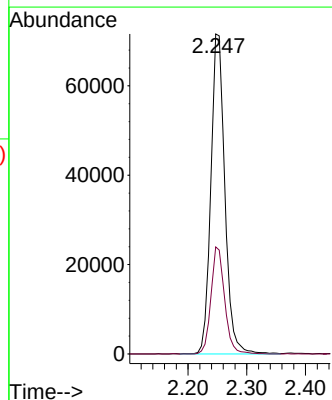
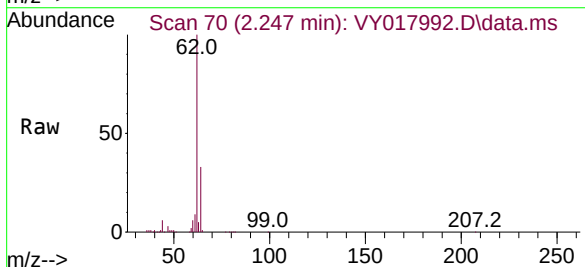
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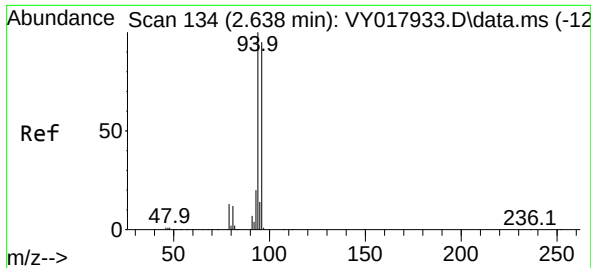
Tgt Ion: 50 Resp: 104803
Ion Ratio Lower Upper
50 100
52 31.2 25.6 38.4



#4
Vinyl Chloride
Concen: 17.67 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 62 Resp: 118828
Ion Ratio Lower Upper
62 100
64 33.5 26.1 39.1

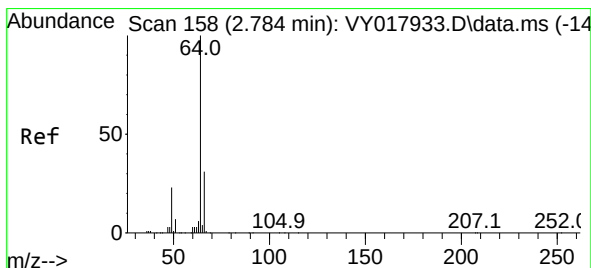
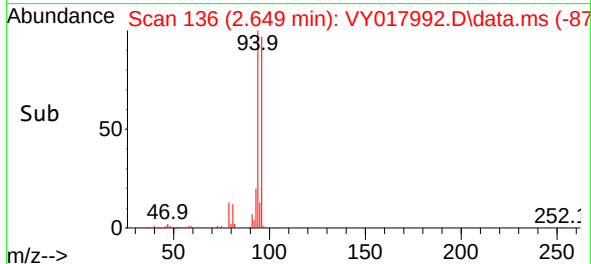
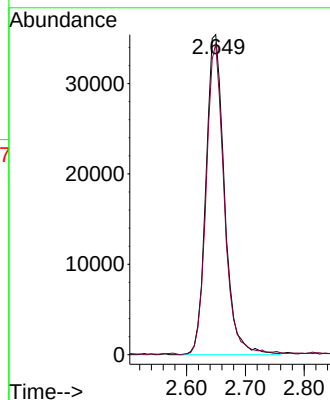
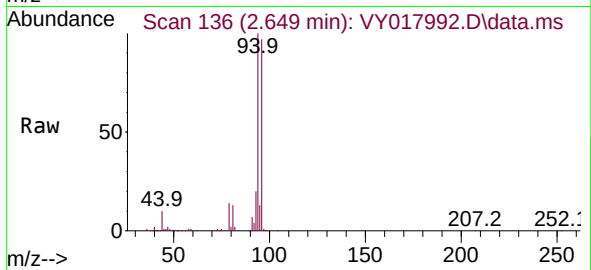




#5
Bromomethane
Concen: 17.33 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017992.D
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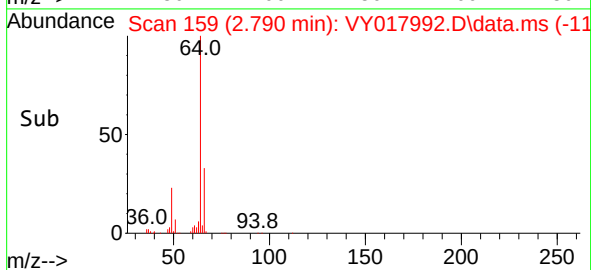
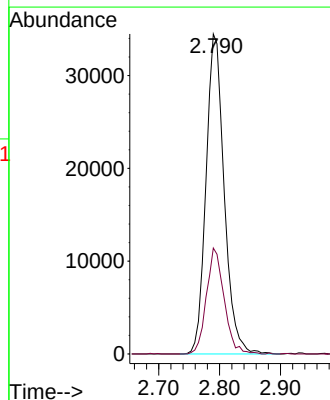
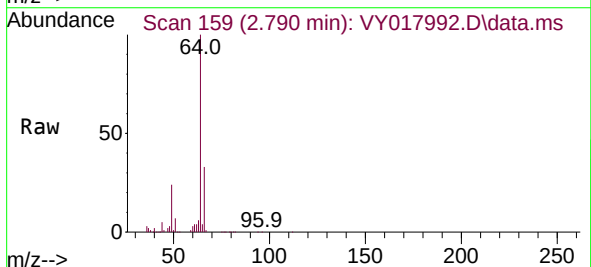
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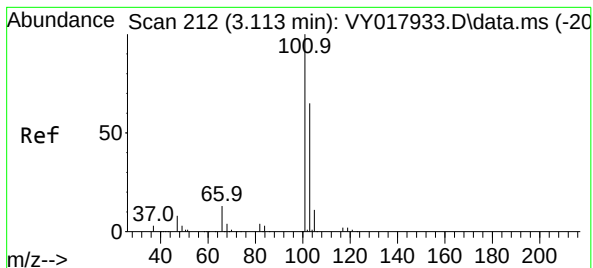
Tgt Ion: 94 Resp: 77586
Ion Ratio Lower Upper
94 100
96 97.1 74.1 111.1



#6
Chloroethane
Concen: 16.84 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY017992.D
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Tgt Ion: 64 Resp: 71512
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1





#7

Trichlorofluoromethane

Concen: 20.37 ug/l

RT: 3.125 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017992.D

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Instrument :

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ClientSampleId :

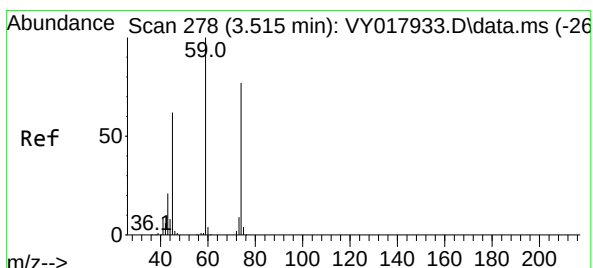
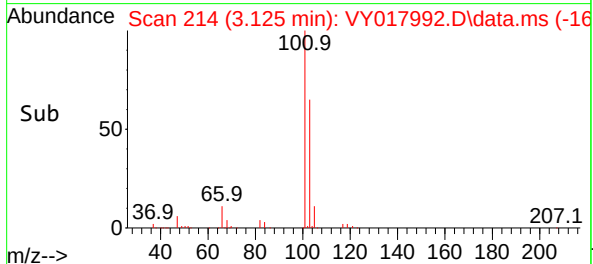
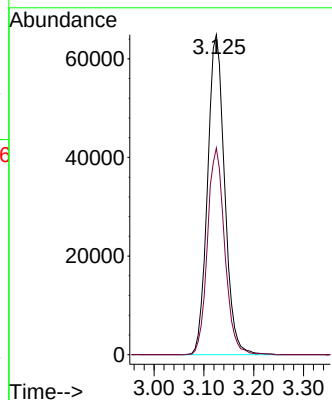
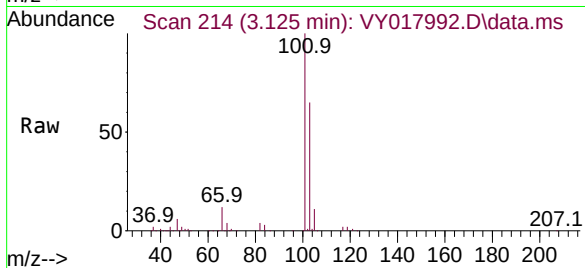
VY0419SBS01

Tgt Ion:101 Resp: 154419

Ion Ratio Lower Upper

101 100

103 64.6 49.3 73.9



#8

Diethyl Ether

Concen: 18.59 ug/l

RT: 3.527 min Scan# 280

Delta R.T. -0.000 min

Lab File: VY017992.D

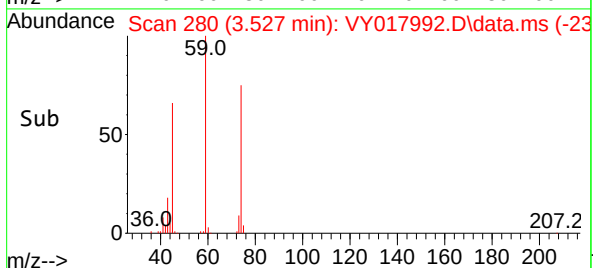
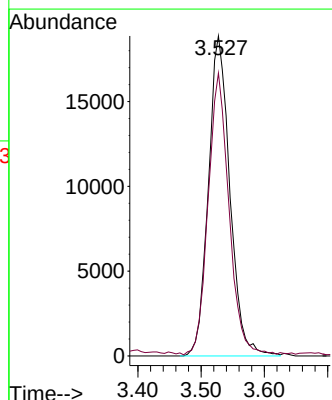
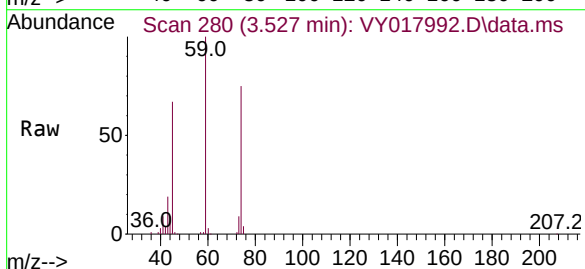
Acq: 19 Apr 2024 12:36

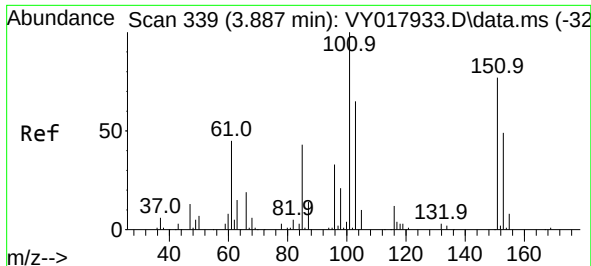
Tgt Ion: 74 Resp: 44537

Ion Ratio Lower Upper

74 100

45 85.3 41.3 124.1

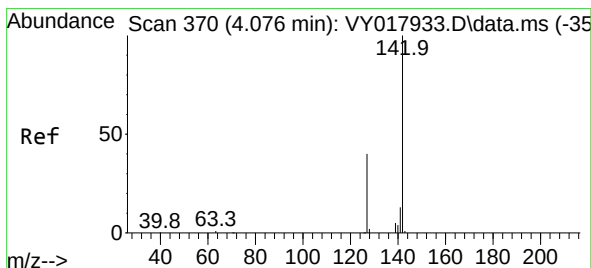
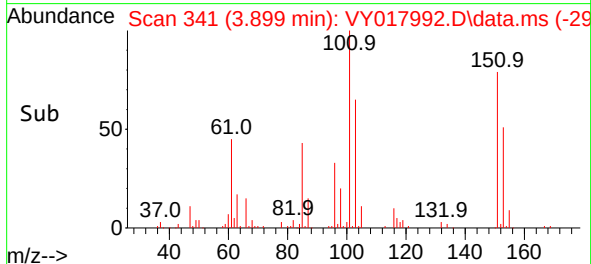
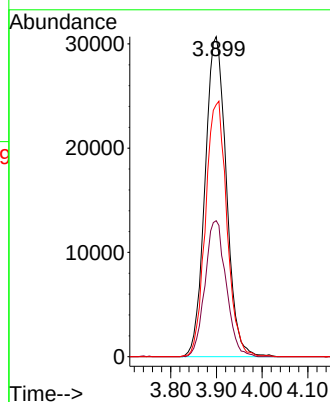
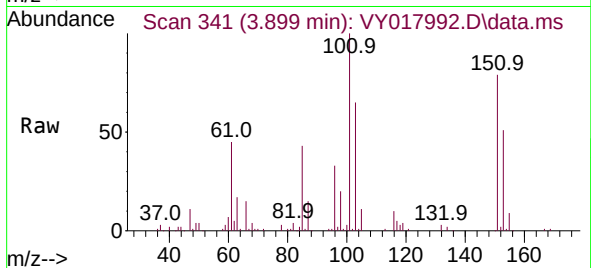




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.02 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

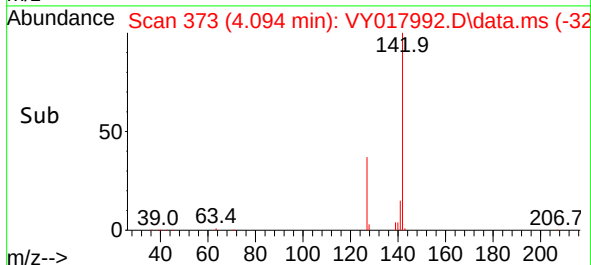
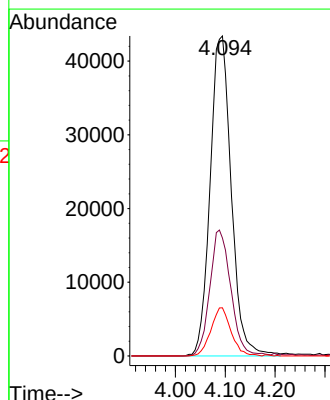
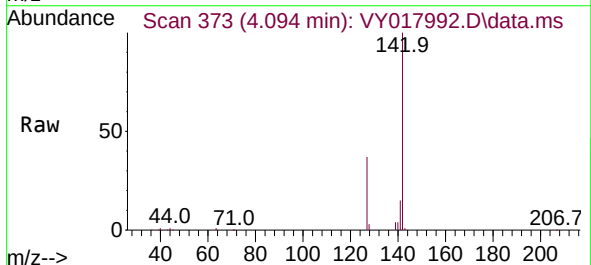
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

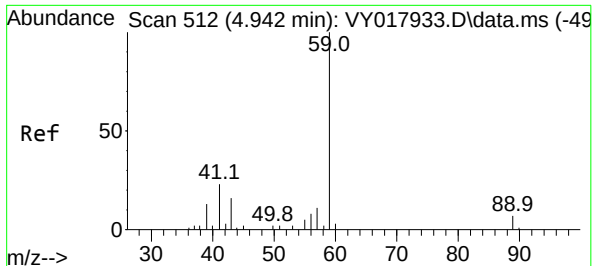
Tgt Ion:101 Resp: 99218
Ion Ratio Lower Upper
101 100
85 42.1 34.5 51.7
151 80.0 61.7 92.5



#10
Methyl Iodide
Concen: 20.37 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion:142 Resp: 127926
Ion Ratio Lower Upper
142 100
127 39.1 32.8 49.2
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 71.55 ug/l

RT: 4.948 min Scan# 512

Delta R.T. -0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

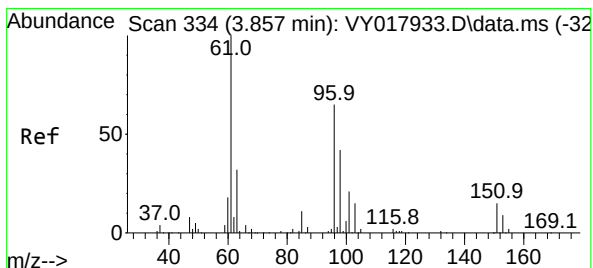
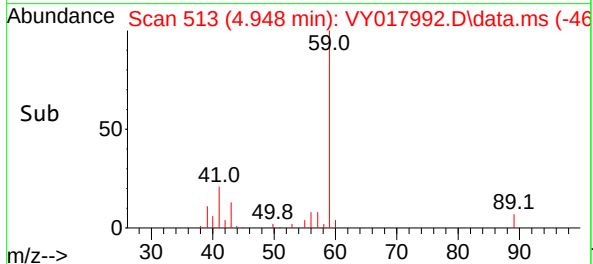
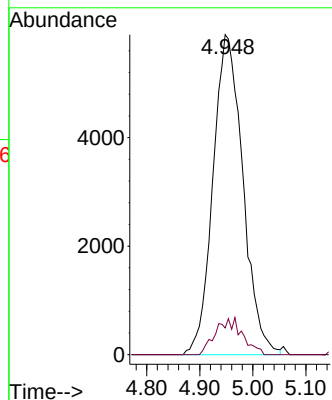
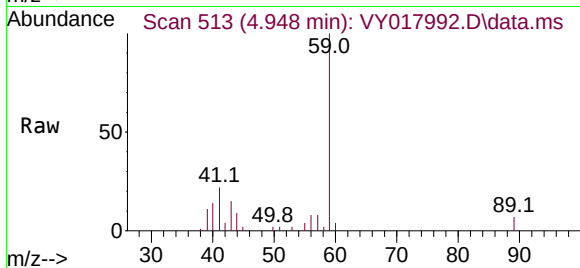
VY0419SBS01

Tgt Ion: 59 Resp: 23056

Ion Ratio Lower Upper

59 100

57 4.4 3.0 4.6



#12

1,1-Dichloroethene

Concen: 20.97 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

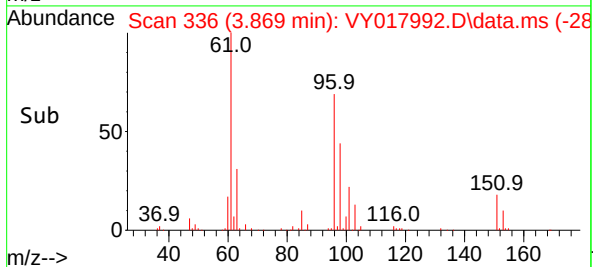
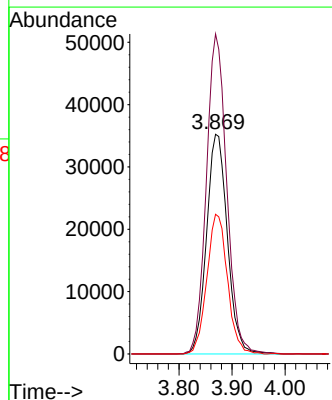
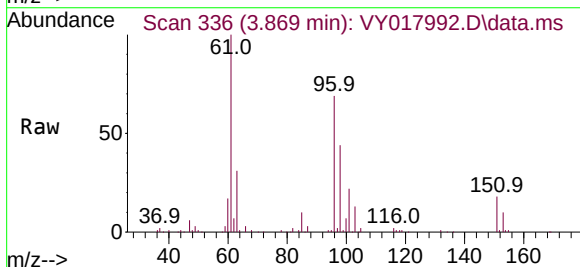
Tgt Ion: 96 Resp: 96082

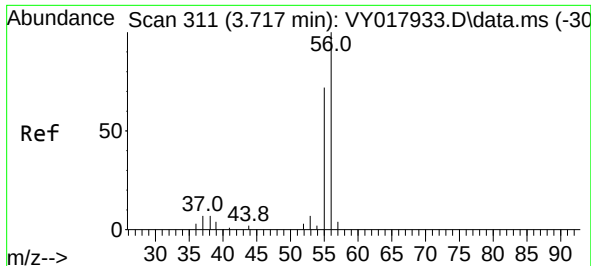
Ion Ratio Lower Upper

96 100

61 145.5 114.6 171.8

98 63.6 50.8 76.2





#13

Acrolein

Concen: 121.14 ug/l

RT: 3.729 min Scan# 311

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

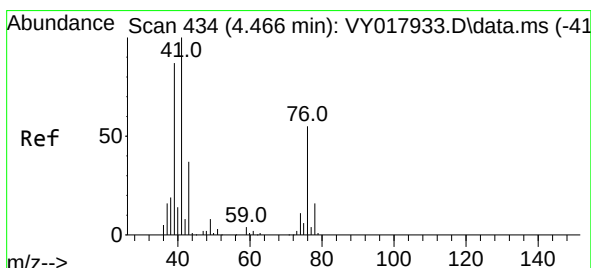
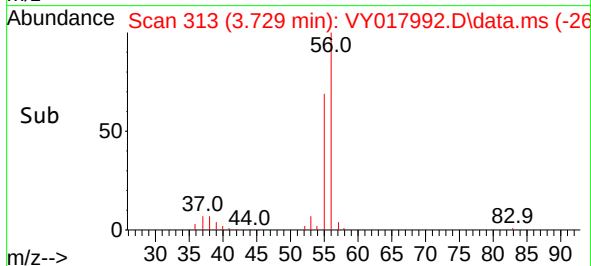
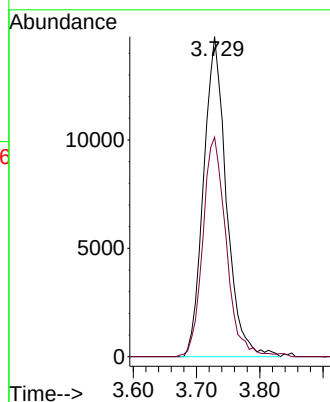
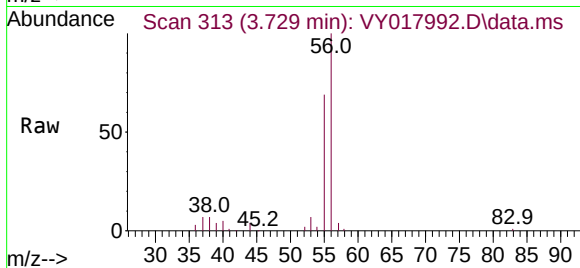
VY0419SBS01

Tgt Ion: 56 Resp: 37063

Ion Ratio Lower Upper

56 100

55 70.1 55.7 83.5



#14

Allyl chloride

Concen: 19.79 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

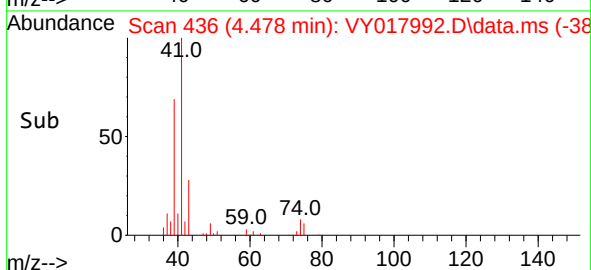
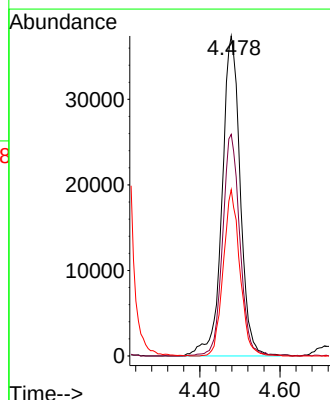
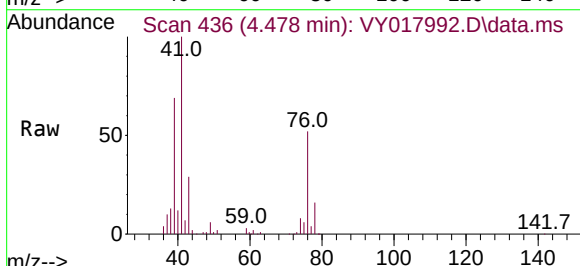
Tgt Ion: 41 Resp: 117344

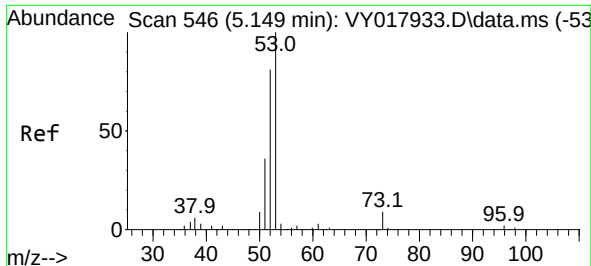
Ion Ratio Lower Upper

41 100

39 66.0 58.3 87.5

76 47.6 39.0 58.6

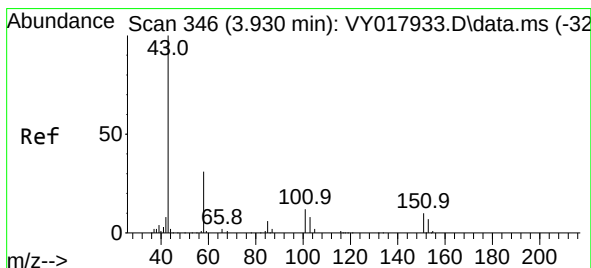
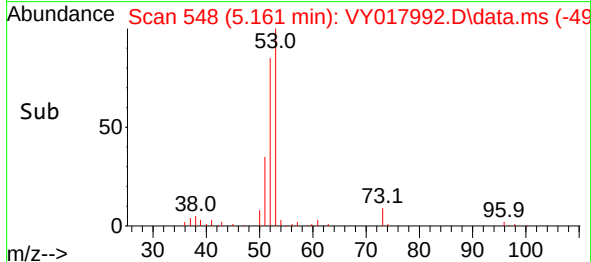
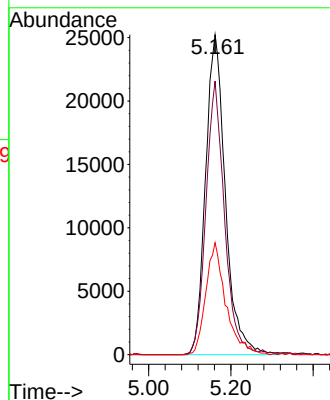
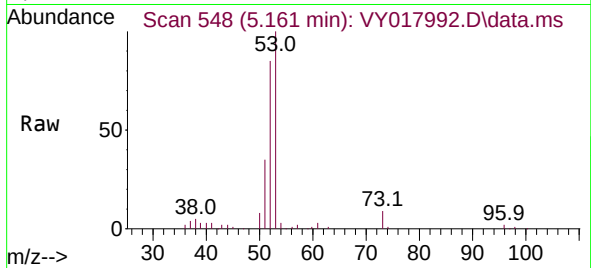




#15
Acrylonitrile
Concen: 86.81 ug/l
RT: 5.161 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

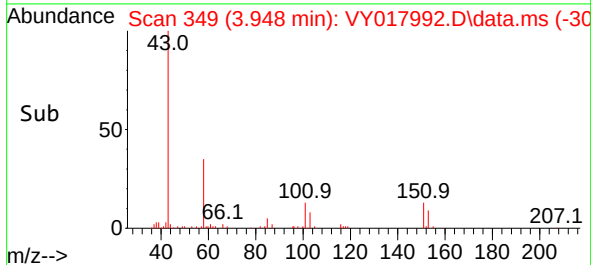
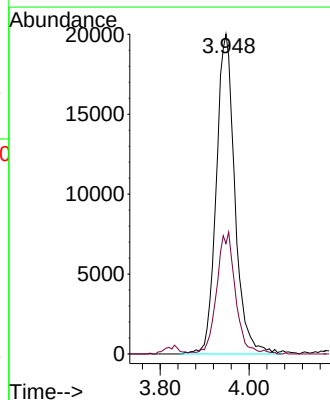
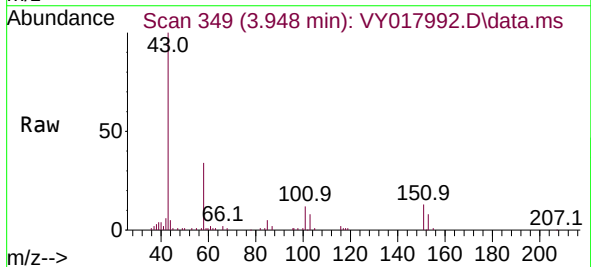
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

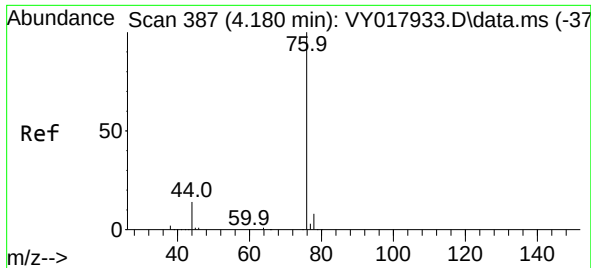
Tgt Ion: 53 Resp: 84427
Ion Ratio Lower Upper
53 100
52 79.8 64.7 97.1
51 35.4 28.4 42.6



#16
Acetone
Concen: 74.79 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 43 Resp: 58054
Ion Ratio Lower Upper
43 100
58 34.5 31.7 47.5





#17

Carbon Disulfide

Concen: 20.40 ug/l

RT: 4.192 min Scan# 31

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

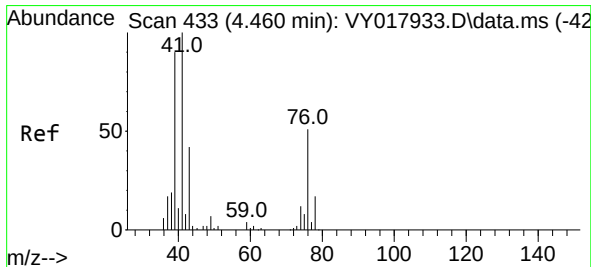
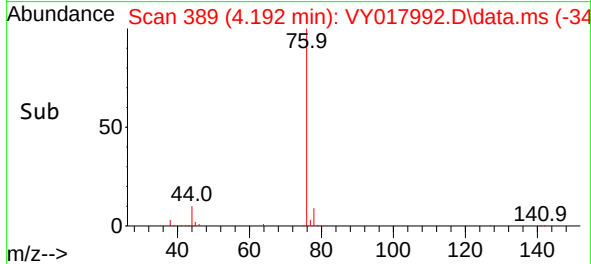
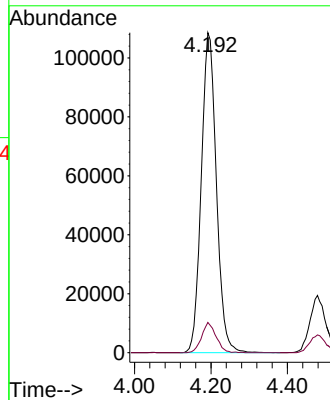
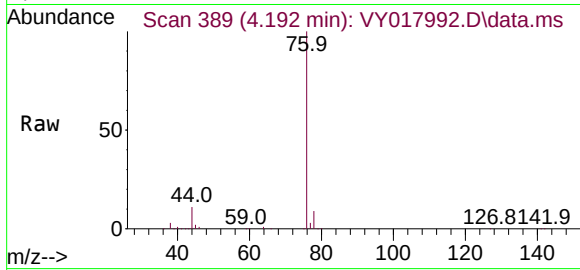
VY0419SBS01

Tgt Ion: 76 Resp: 297379

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2



#18

Methyl Acetate

Concen: 16.01 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY017992.D

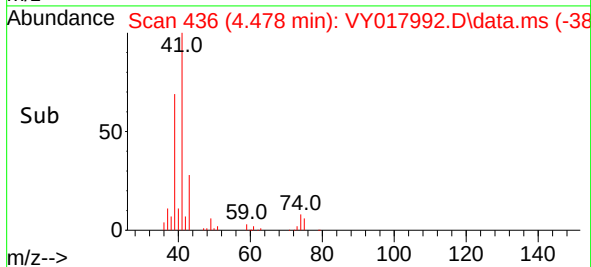
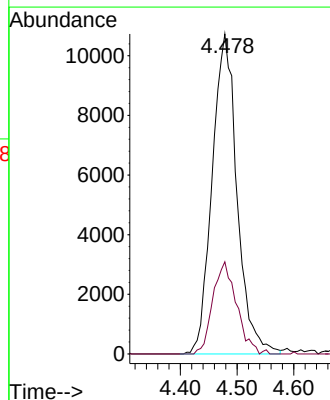
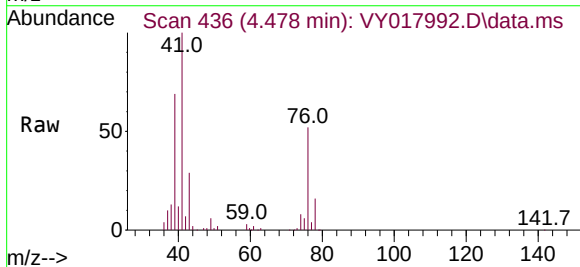
Acq: 19 Apr 2024 12:36

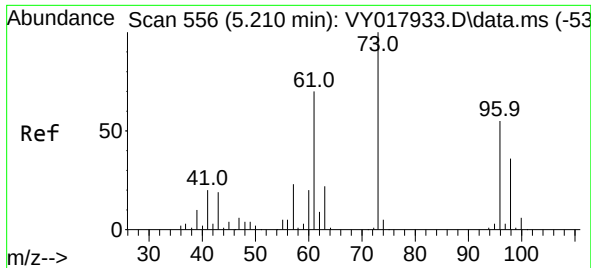
Tgt Ion: 43 Resp: 32690

Ion Ratio Lower Upper

43 100

74 27.4 23.3 34.9

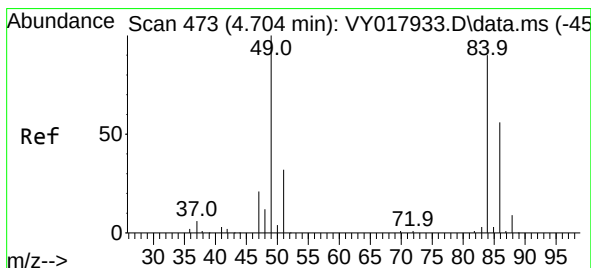
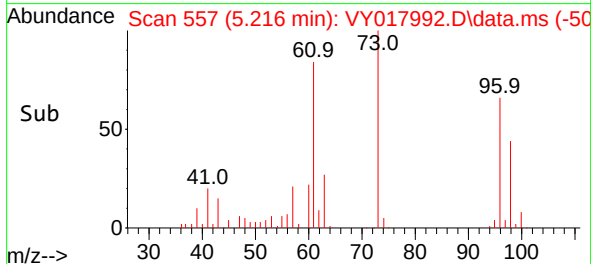
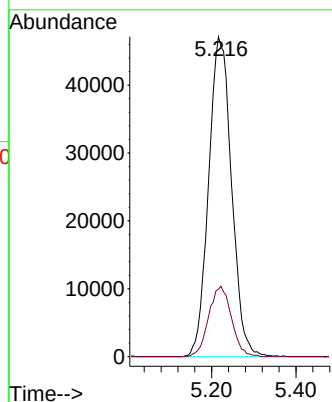
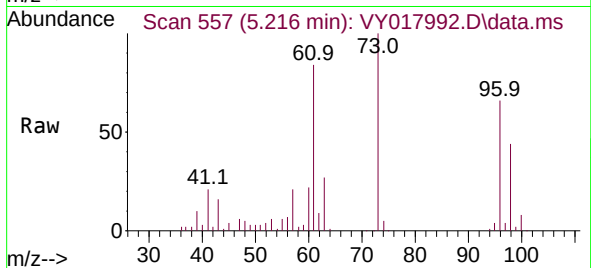




#19
Methyl tert-butyl Ether
Concen: 17.80 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

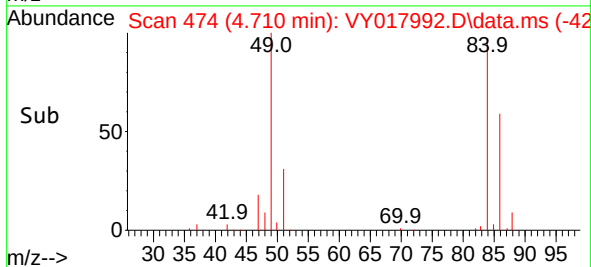
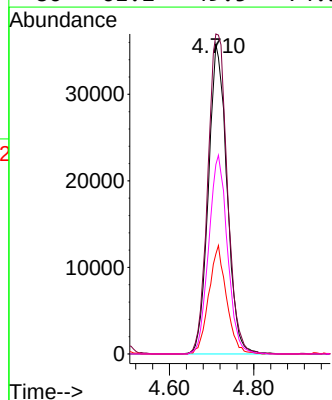
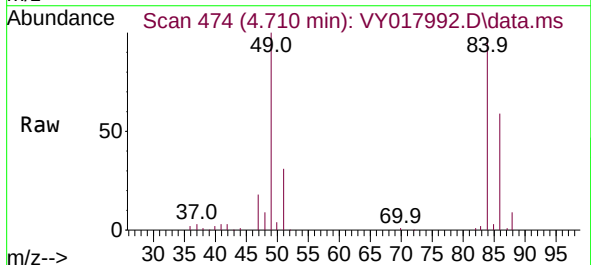
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

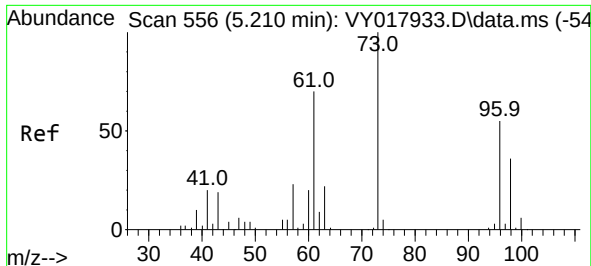
Tgt Ion: 73 Resp: 177793
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 20.84 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 84 Resp: 109612
Ion Ratio Lower Upper
84 100
49 103.4 84.4 126.6
51 32.3 26.0 39.0
86 61.2 49.5 74.3

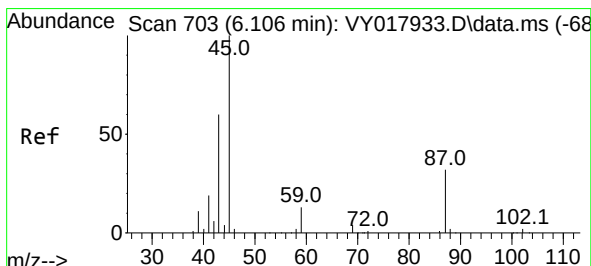
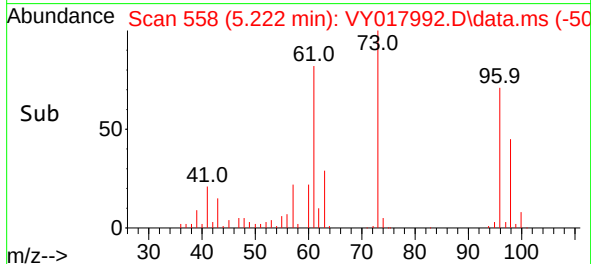
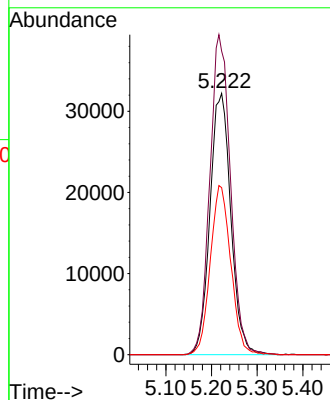
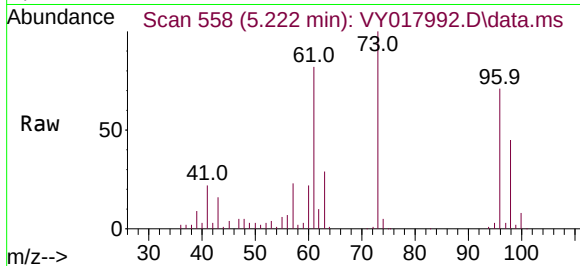




#21
trans-1,2-Dichloroethene
Concen: 20.39 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

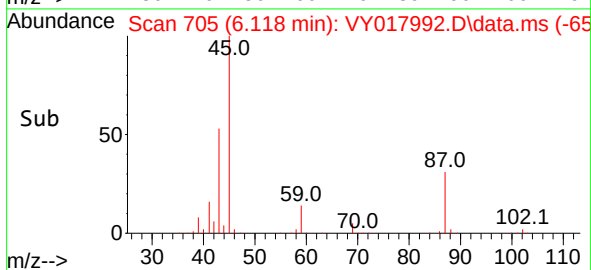
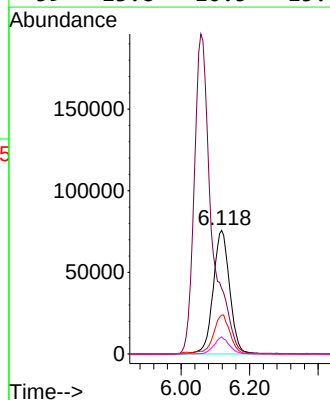
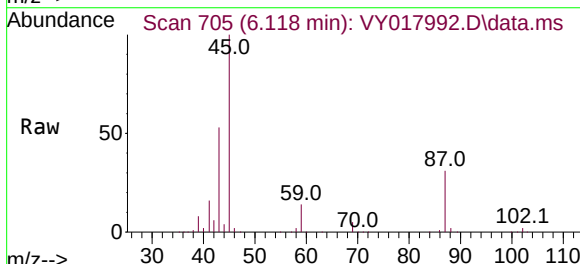
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

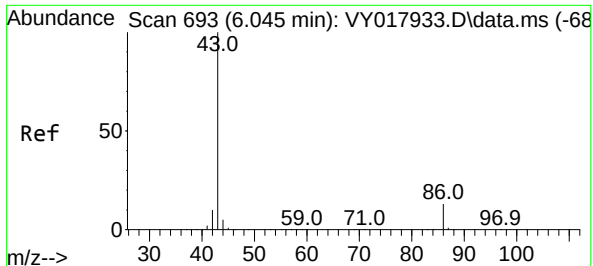
Tgt Ion: 96 Resp: 102340
Ion Ratio Lower Upper
96 100
61 116.1 97.5 146.3
98 63.9 50.5 75.7



#22
Diisopropyl ether
Concen: 19.40 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 45 Resp: 252278
Ion Ratio Lower Upper
45 100
43 52.6 42.2 63.2
87 31.5 25.0 37.6
59 13.8 10.5 15.7

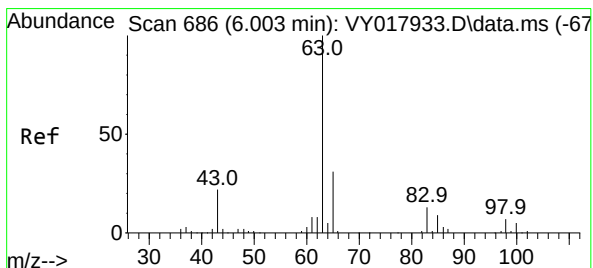
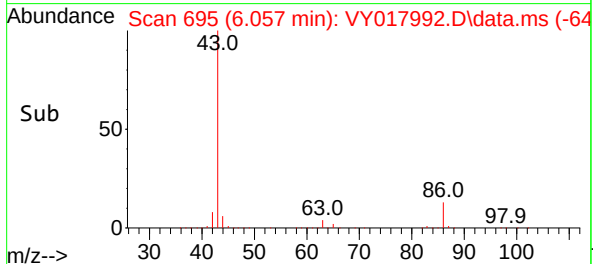
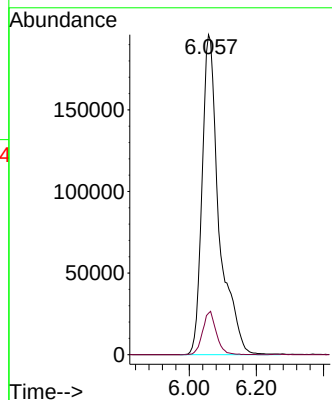
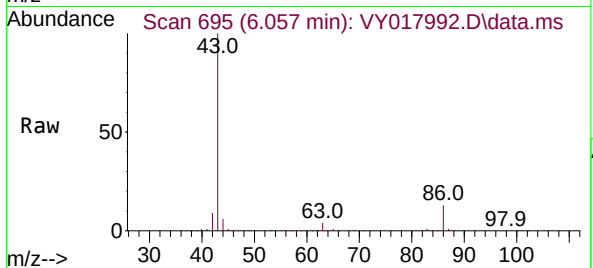




#23
 Vinyl Acetate
 Concen: 89.67 ug/l
 RT: 6.057 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY017992.D
 Acq: 19 Apr 2024 12:36

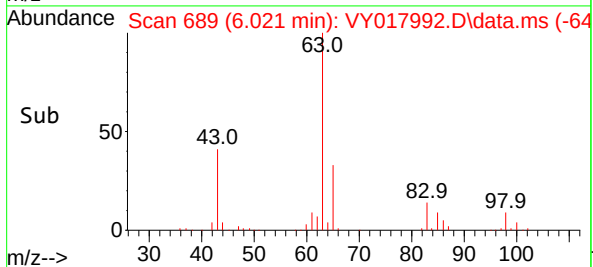
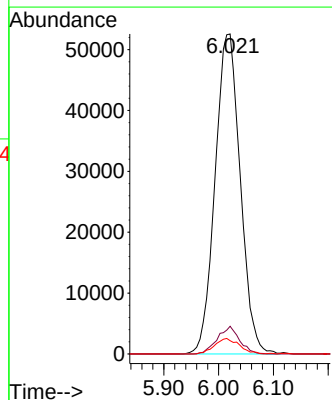
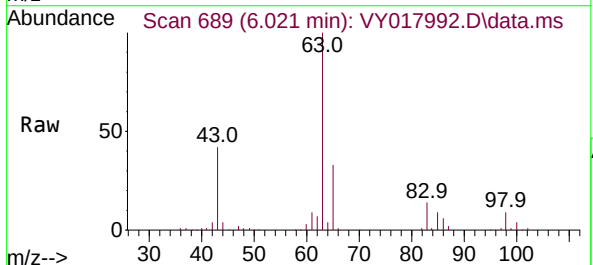
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBS01

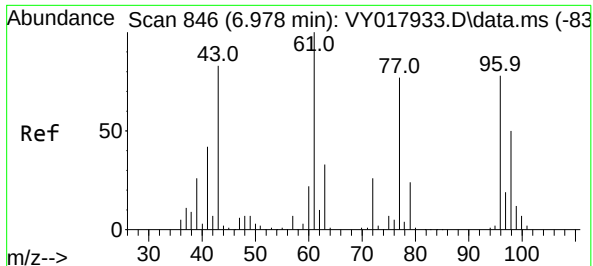
Tgt Ion: 43 Resp: 691317
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.75 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY017992.D
 Acq: 19 Apr 2024 12:36

Tgt Ion: 63 Resp: 167670
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.2
 100 4.1 2.6 8.0





#25

2-Butanone

Concen: 82.77 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

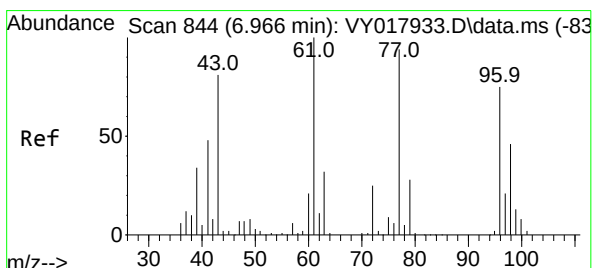
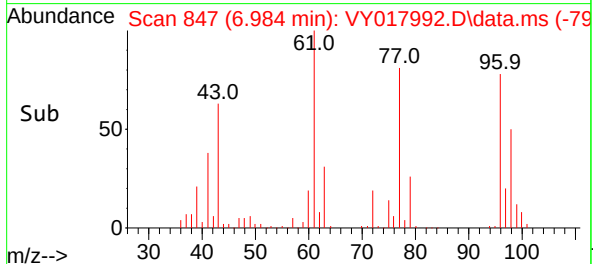
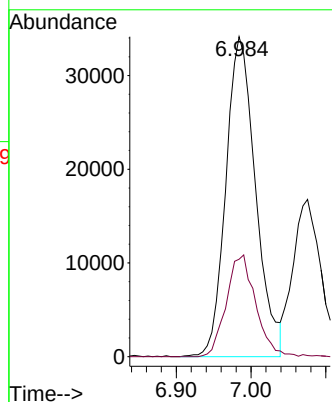
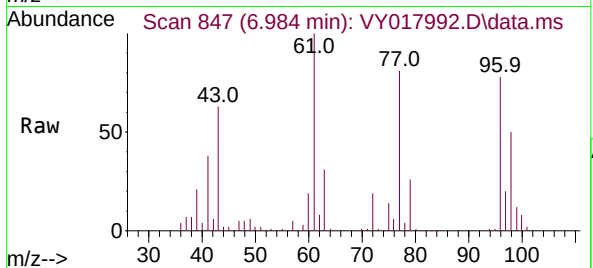
VY0419SBS01

Tgt Ion: 43 Resp: 94432

Ion Ratio Lower Upper

43 100

72 30.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 20.20 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY017992.D

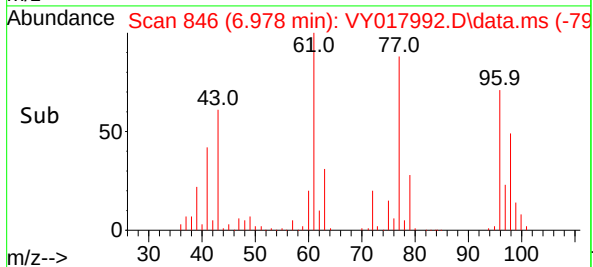
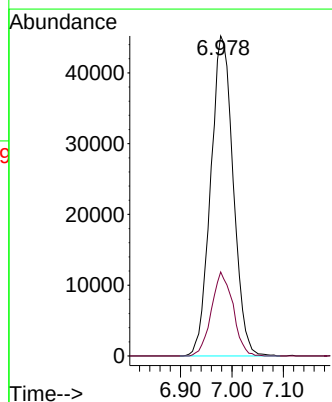
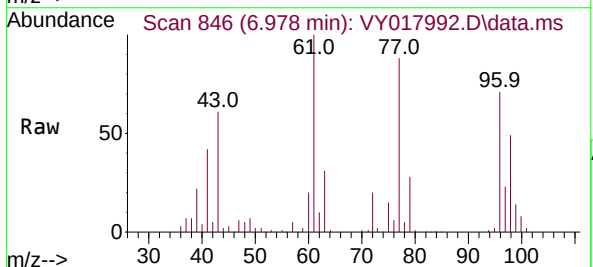
Acq: 19 Apr 2024 12:36

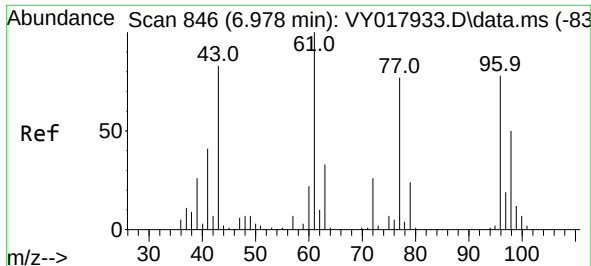
Tgt Ion: 77 Resp: 137568

Ion Ratio Lower Upper

77 100

97 25.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.95 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

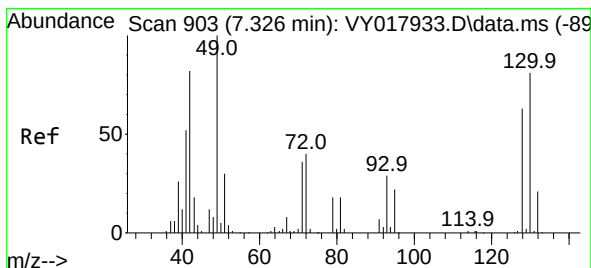
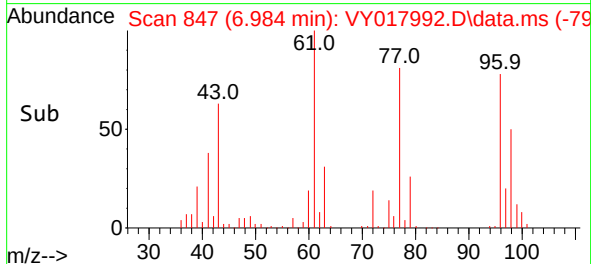
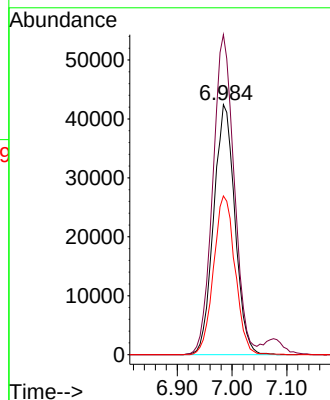
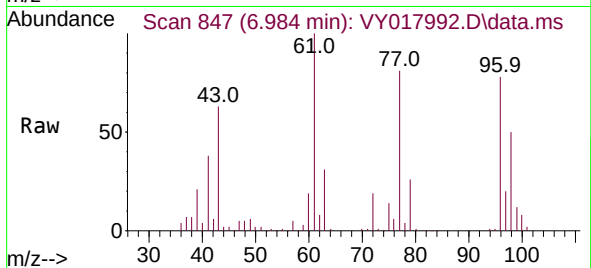
Tgt Ion: 96 Resp: 114373

Ion Ratio Lower Upper

96 100

61 128.4 0.0 256.2

98 64.1 0.0 130.0



#28

Bromochloromethane

Concen: 18.21 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

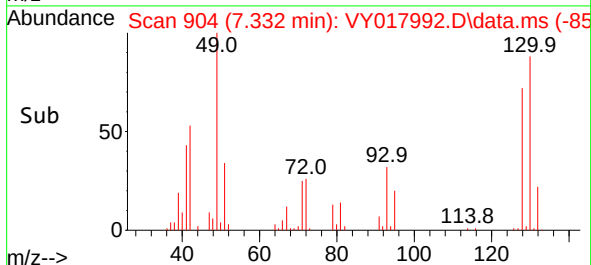
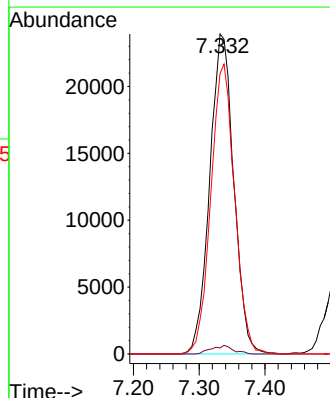
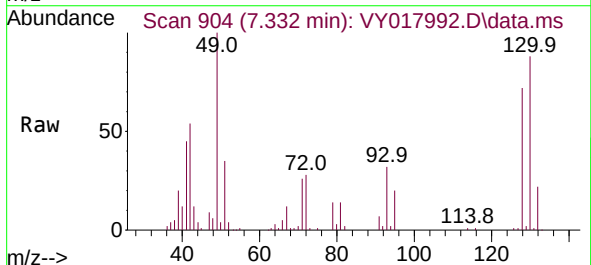
Tgt Ion: 49 Resp: 60807

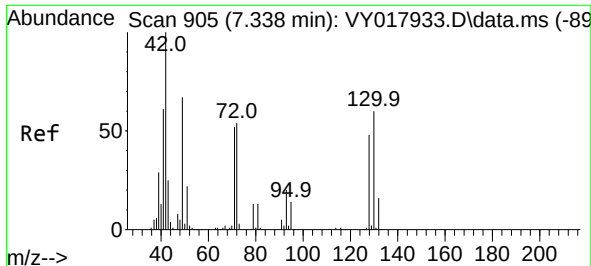
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 89.6 72.7 109.1





#29

Tetrahydrofuran

Concen: 83.60 ug/l

RT: 7.344 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

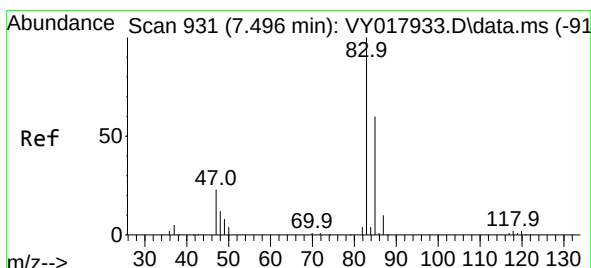
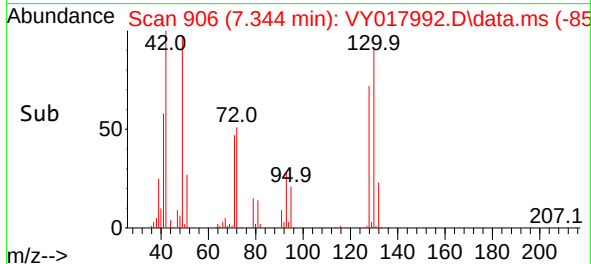
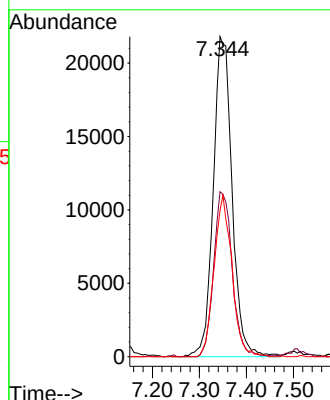
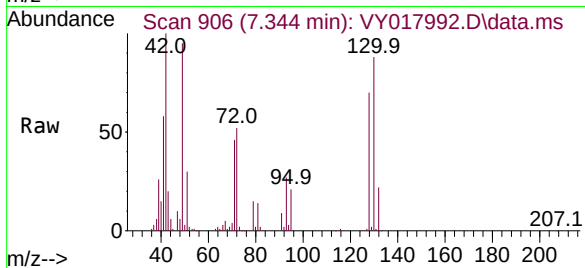
Tgt Ion: 42 Resp: 60531

Ion Ratio Lower Upper

42 100

72 50.7 43.0 64.4

71 47.9 40.8 61.2



#30

Chloroform

Concen: 19.54 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY017992.D

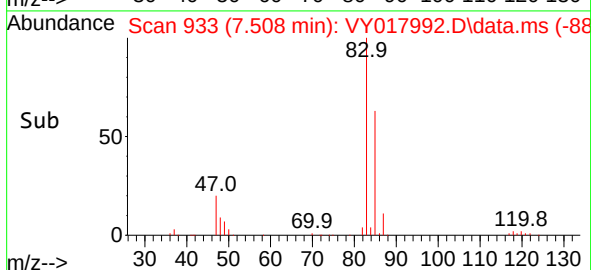
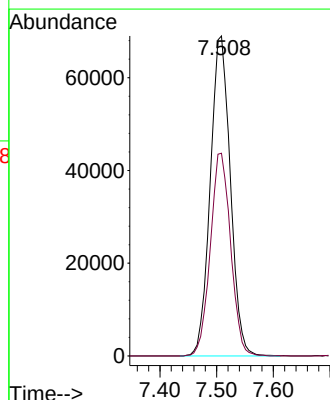
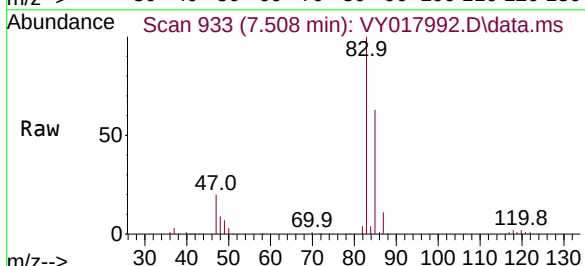
Acq: 19 Apr 2024 12:36

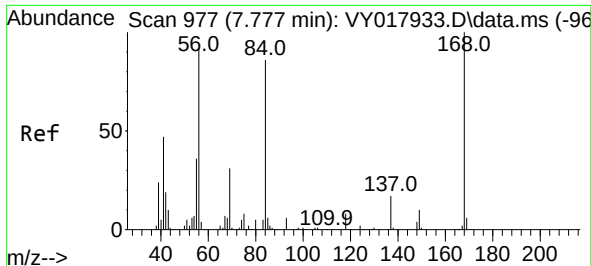
Tgt Ion: 83 Resp: 169513

Ion Ratio Lower Upper

83 100

85 63.3 52.2 78.4

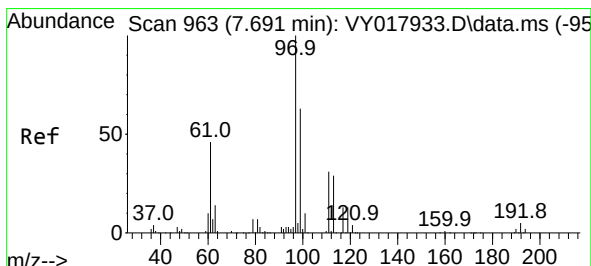
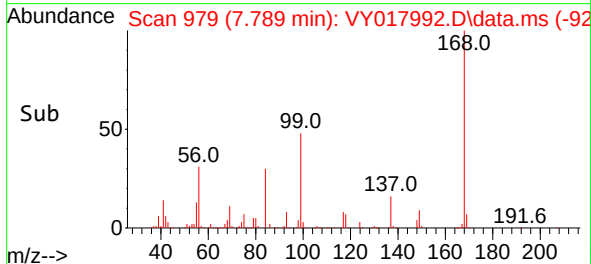
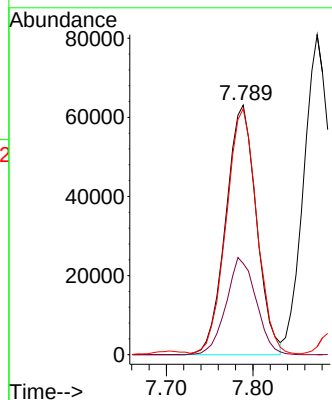
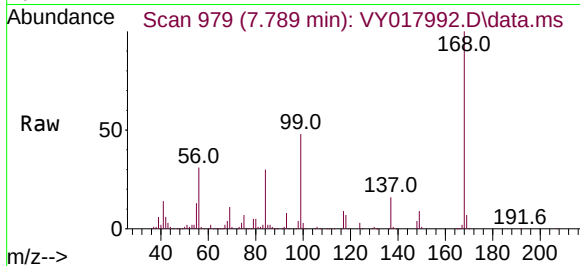




#31
Cyclohexane
Concen: 20.65 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

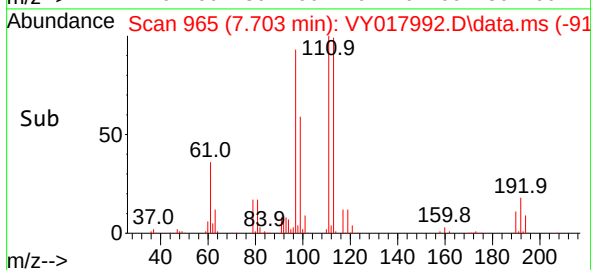
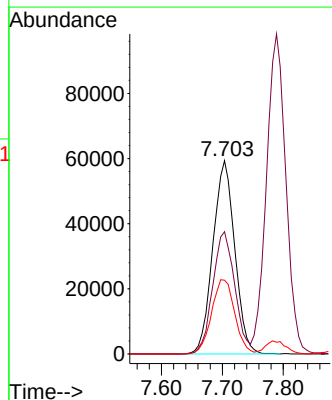
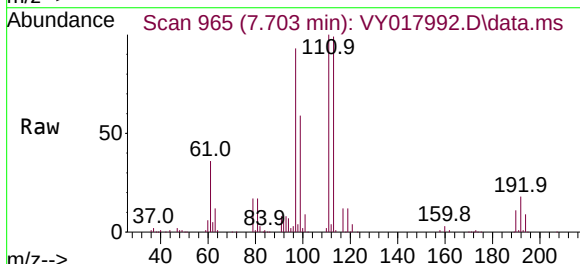
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

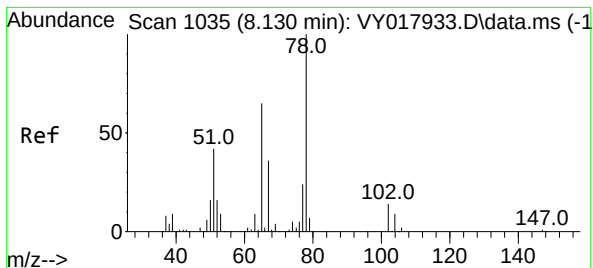
Tgt Ion: 56 Resp: 155059
Ion Ratio Lower Upper
56 100
69 36.6 28.7 43.1
84 97.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.49 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 97 Resp: 148050
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 40.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 47.24 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

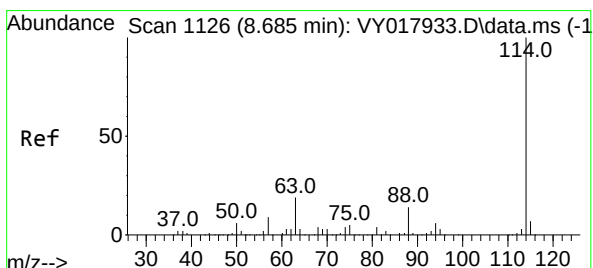
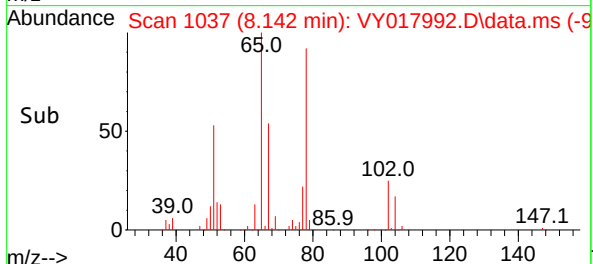
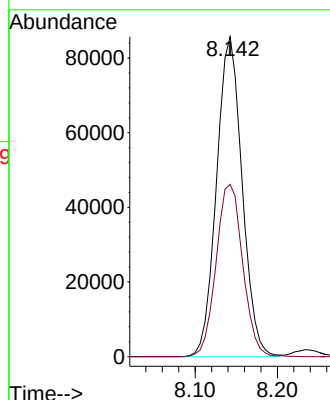
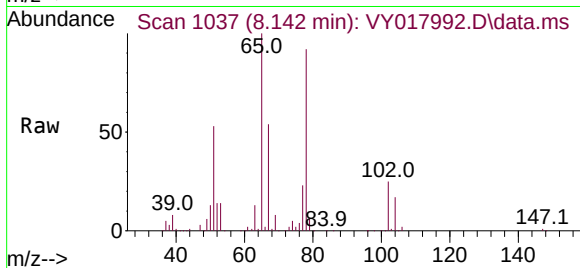
VY0419SBS01

Tgt Ion: 65 Resp: 185573

Ion Ratio Lower Upper

65 100

67 56.0 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: VY017992.D

Acq: 19 Apr 2024 12:36

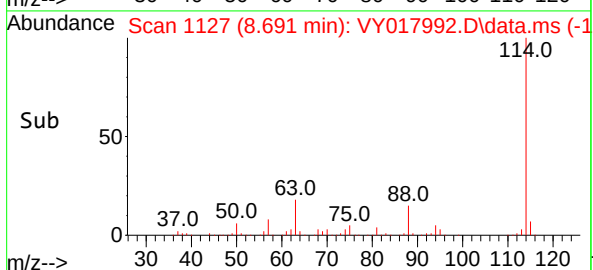
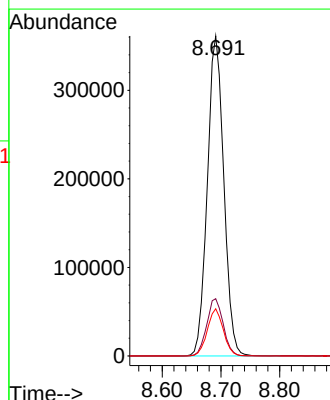
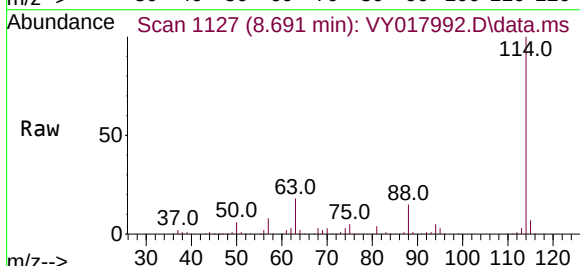
Tgt Ion: 114 Resp: 701644

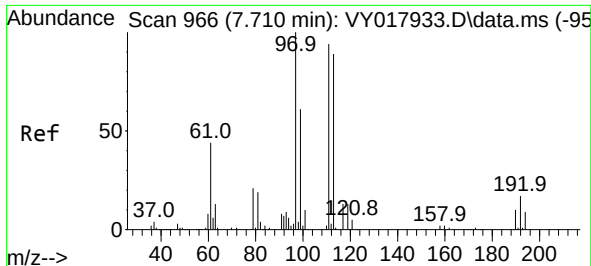
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.7 0.0 27.2

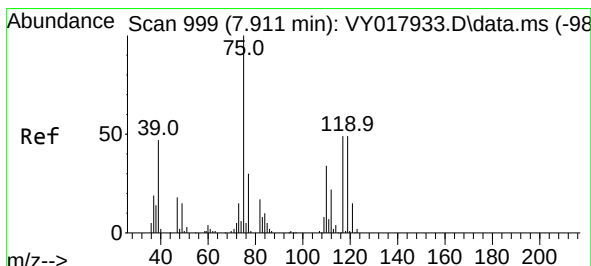
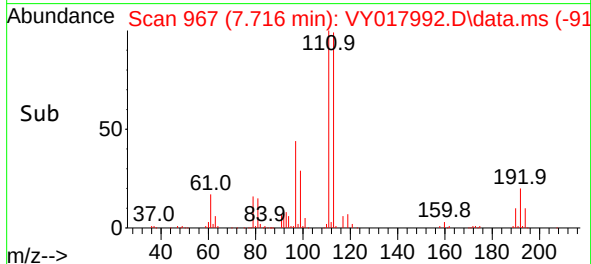
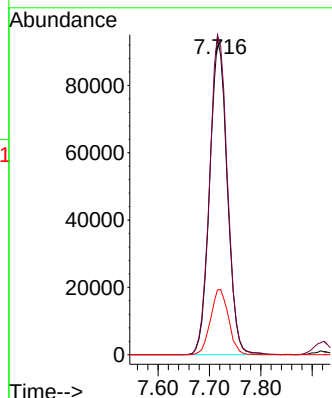
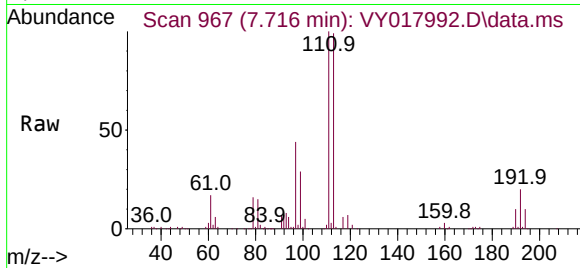




#35
Dibromofluoromethane
Concen: 51.26 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

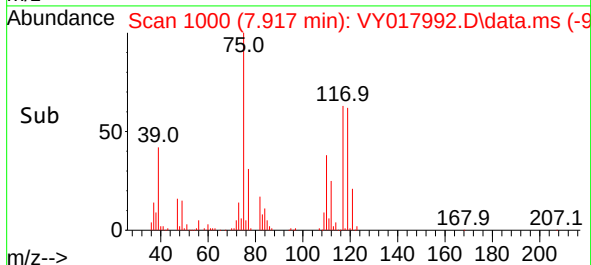
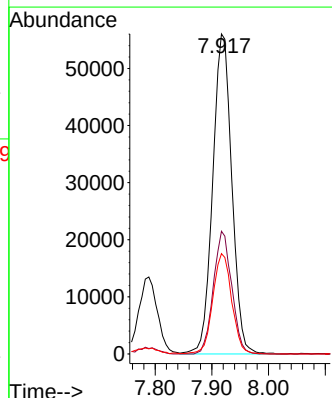
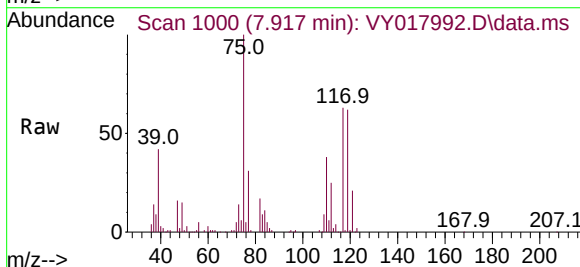
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

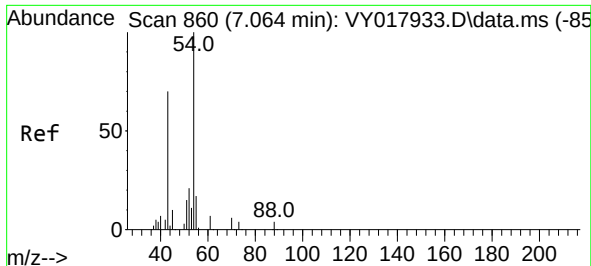
Tgt Ion:113 Resp: 221906
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.85 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 75 Resp: 131254
Ion Ratio Lower Upper
75 100
110 36.7 19.0 57.0
77 31.1 25.3 37.9

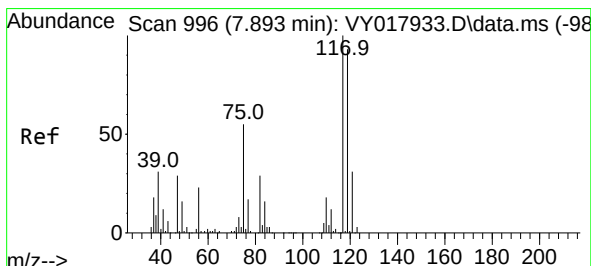
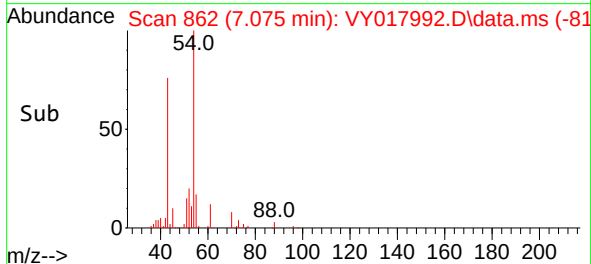
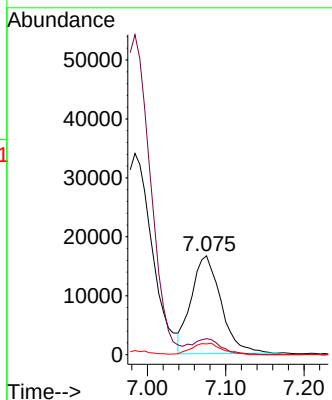
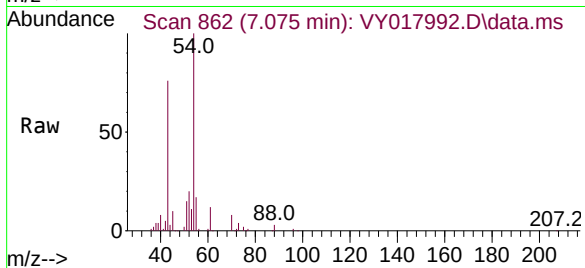




#37
Ethyl Acetate
Concen: 16.93 ug/l
RT: 7.075 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

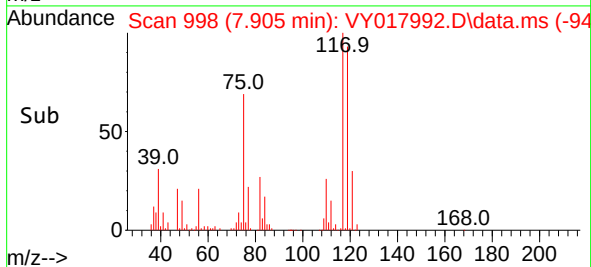
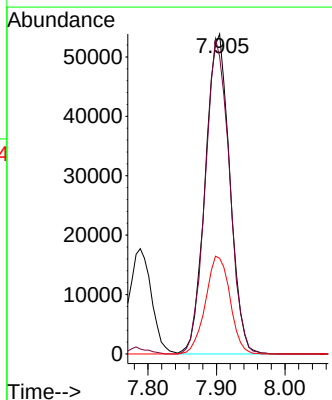
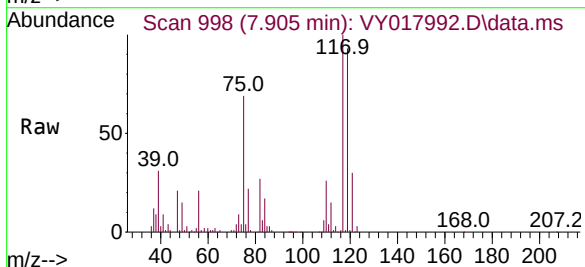
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

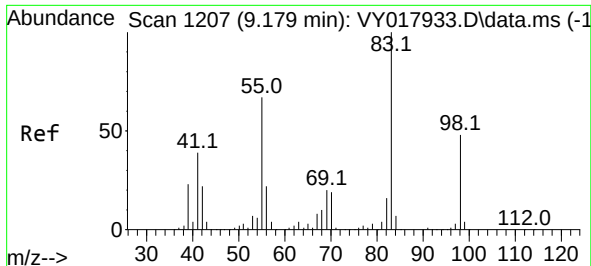
Tgt Ion: 43 Resp: 43853
Ion Ratio Lower Upper
43 100
61 16.4 12.6 19.0
70 11.8 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 20.99 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 117 Resp: 133505
Ion Ratio Lower Upper
117 100
119 92.9 75.8 113.6
121 29.9 24.0 36.0





#39

Methylcyclohexane

Concen: 20.92 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

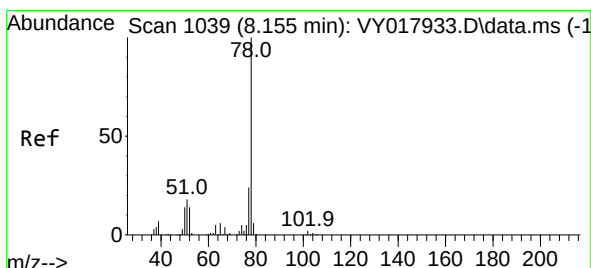
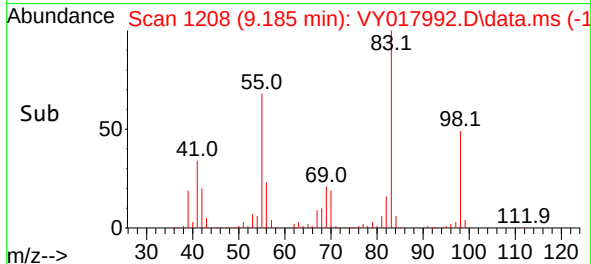
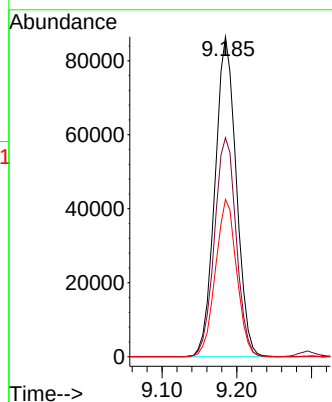
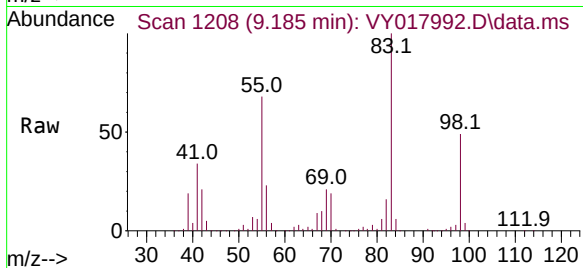
Tgt Ion: 83 Resp: 171580

Ion Ratio Lower Upper

83 100

55 68.4 51.5 77.3

98 49.2 40.5 60.7



#40

Benzene

Concen: 20.25 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY017992.D

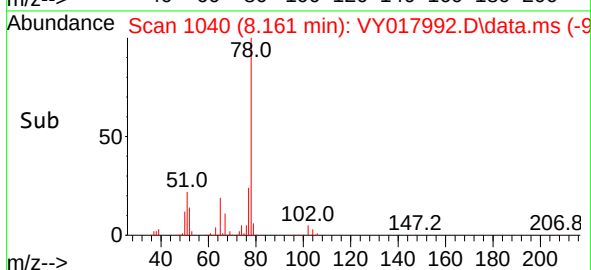
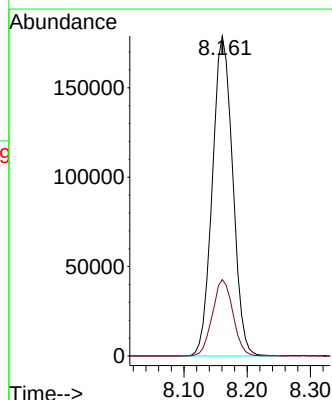
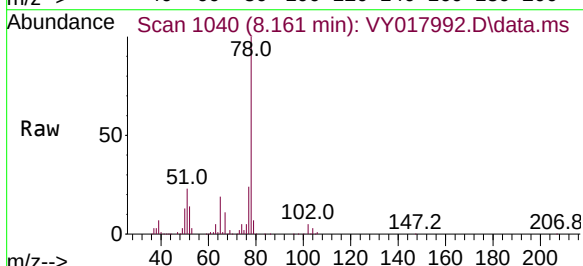
Acq: 19 Apr 2024 12:36

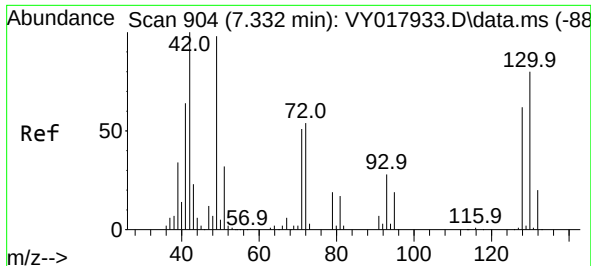
Tgt Ion: 78 Resp: 399251

Ion Ratio Lower Upper

78 100

77 23.8 19.5 29.3



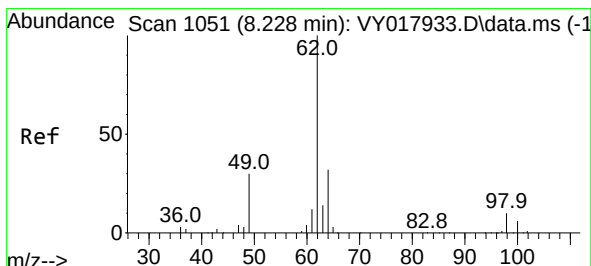
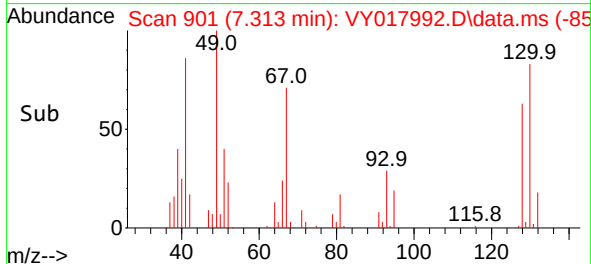
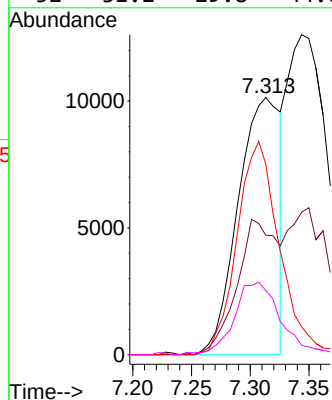
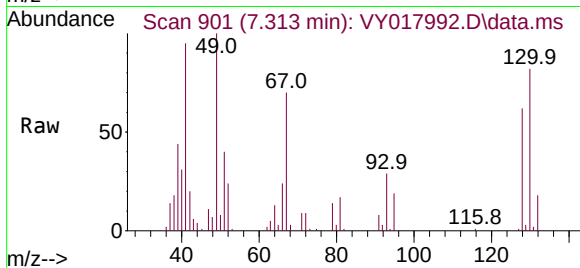


#41
Methacrylonitrile
Concen: 15.51 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.018 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

Tgt Ion: 41 Resp: 25342

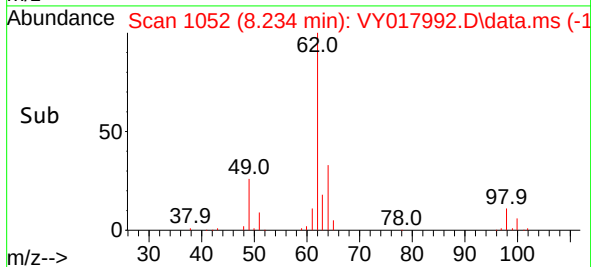
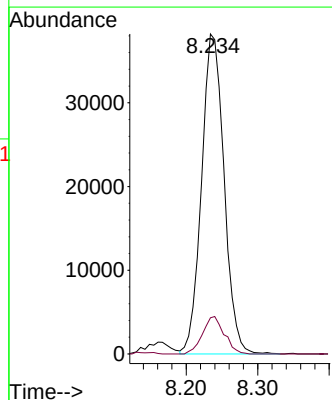
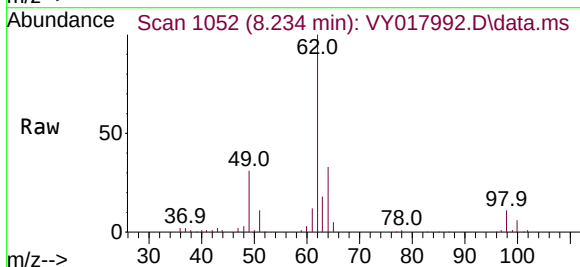
Ion	Ratio	Lower	Upper
41	100		
39	50.2	48.0	72.0
67	84.0	75.1	112.7
52	31.2	29.8	44.6

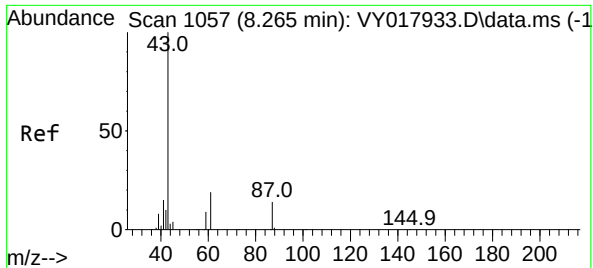


#42
1,2-Dichloroethane
Concen: 18.51 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 62 Resp: 83631

Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.0

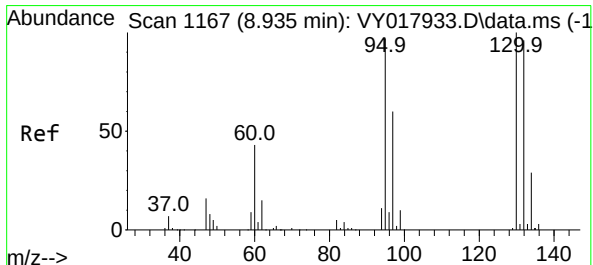
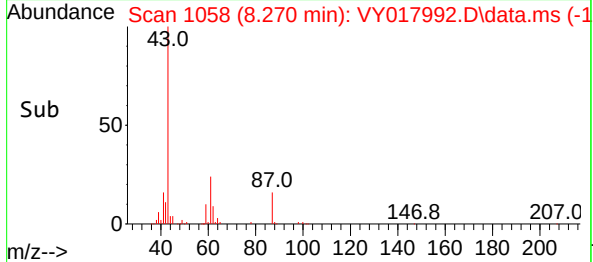
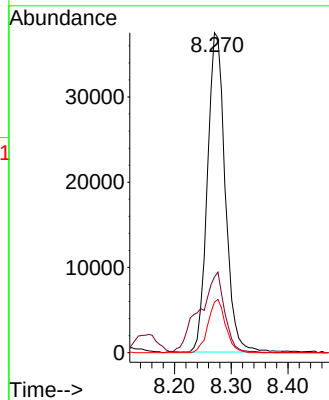
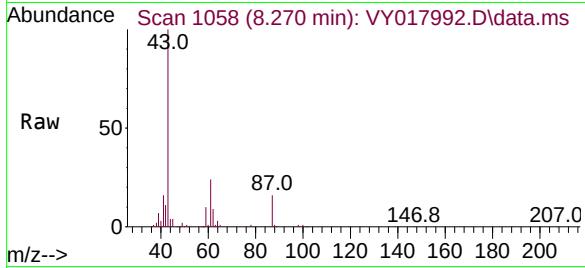




#43
Isopropyl Acetate
Concen: 16.89 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

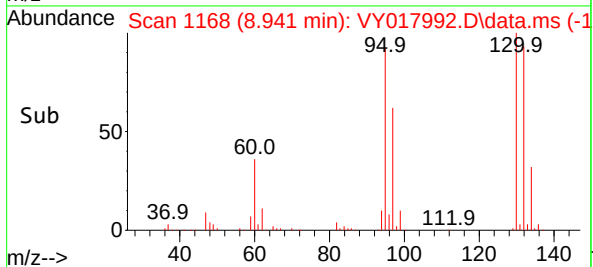
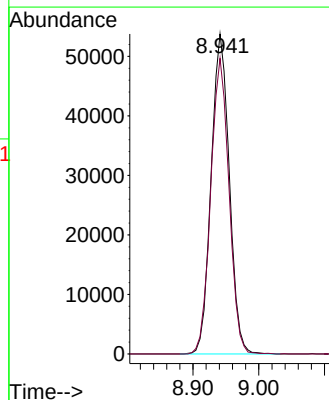
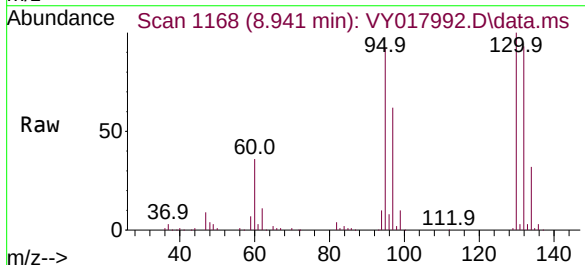
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

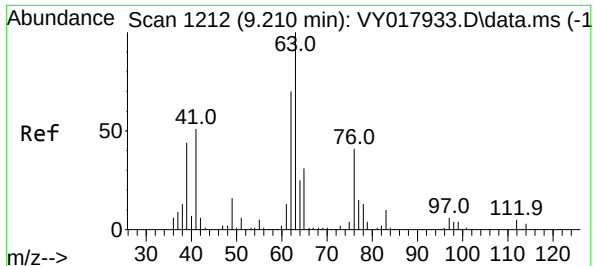
Tgt Ion: 43 Resp: 81523
Ion Ratio Lower Upper
43 100
61 35.8 27.9 41.9
87 16.3 13.1 19.7



#44
Trichloroethene
Concen: 20.62 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion:130 Resp: 103322
Ion Ratio Lower Upper
130 100
95 92.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.27 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

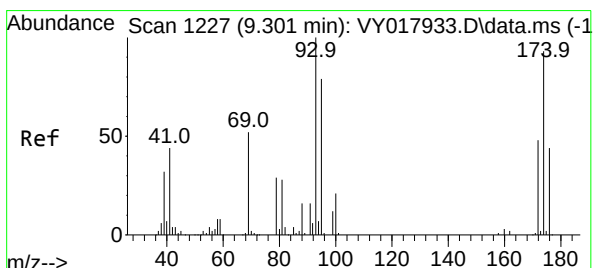
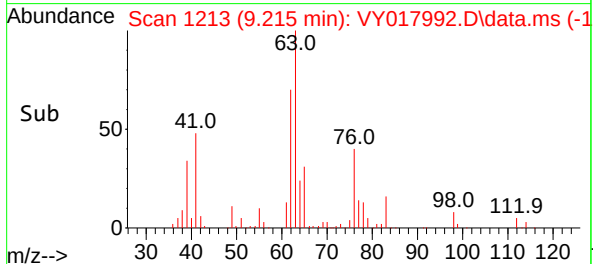
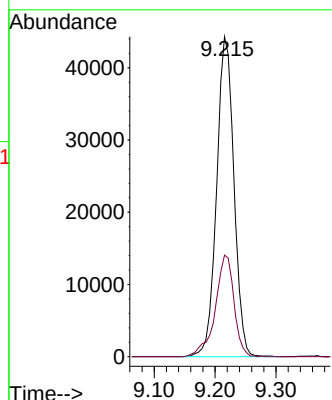
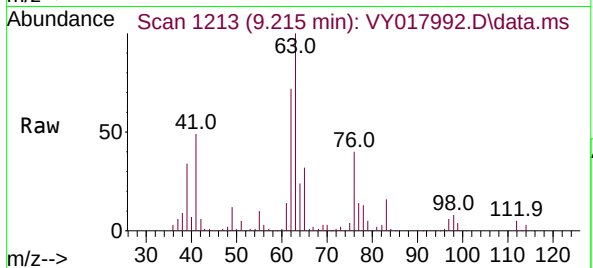
VY0419SBS01

Tgt Ion: 63 Resp: 87480

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.2



#46

Dibromomethane

Concen: 18.23 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

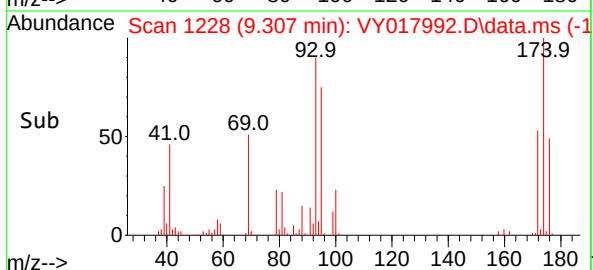
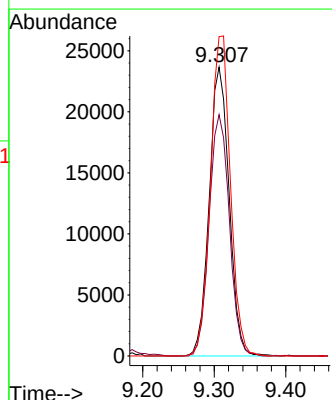
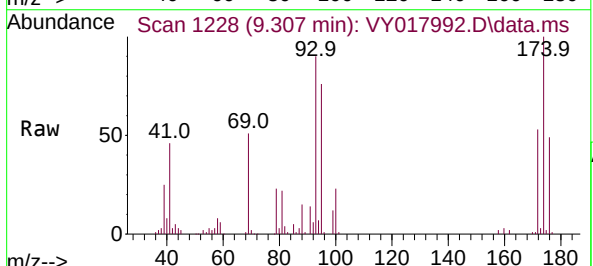
Tgt Ion: 93 Resp: 45766

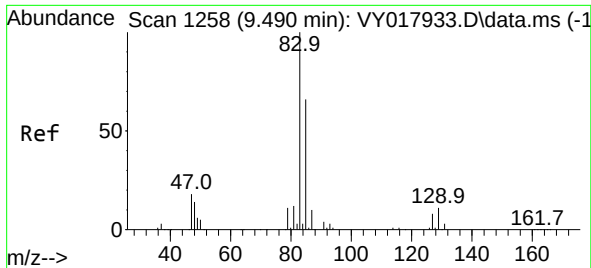
Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.4

174 110.9 80.9 121.3

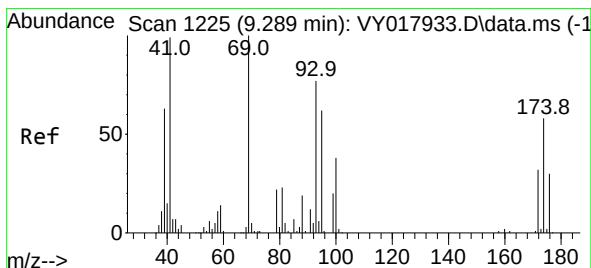
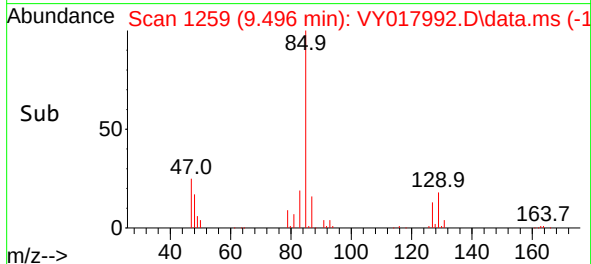
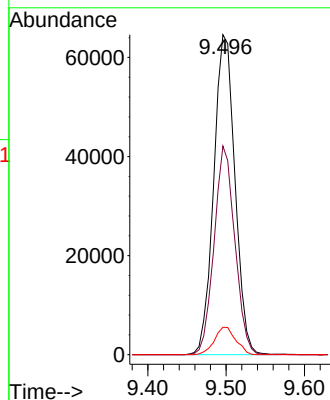
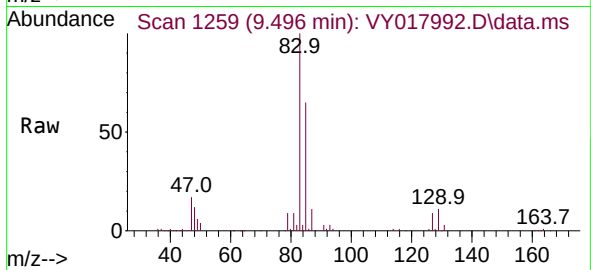




#47
Bromodichloromethane
Concen: 19.33 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

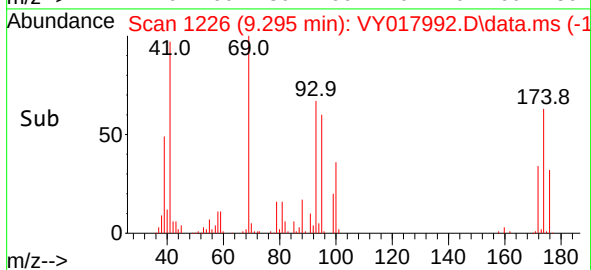
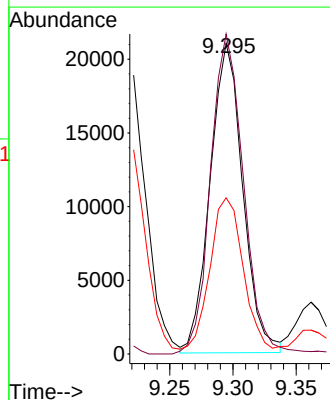
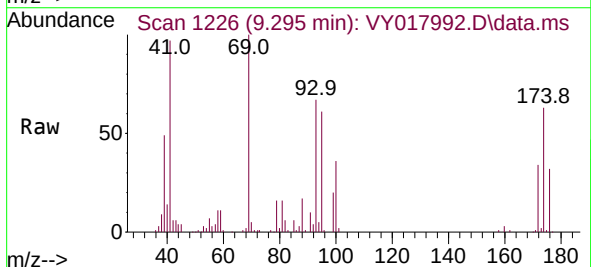
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

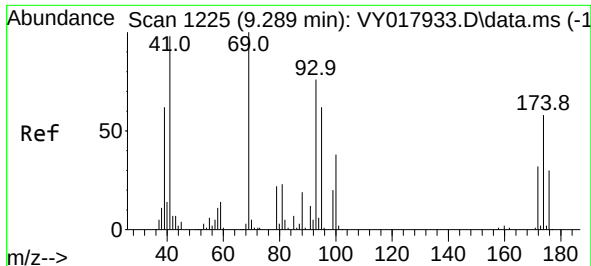
Tgt Ion: 83 Resp: 121739
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 17.05 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 41 Resp: 37723
Ion Ratio Lower Upper
41 100
69 104.8 84.1 126.1
39 49.5 43.6 65.4





#49

1,4-Dioxane

Concen: 341.00 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

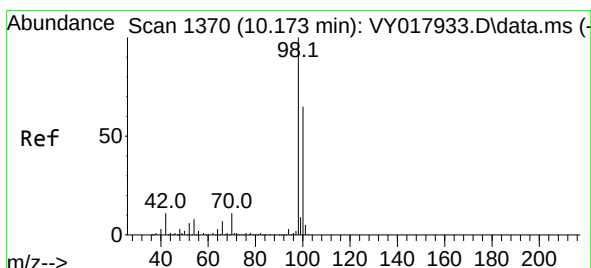
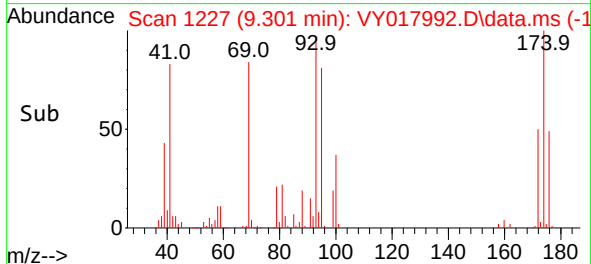
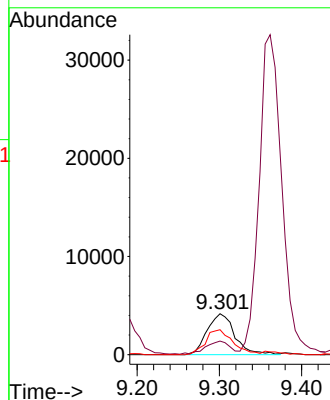
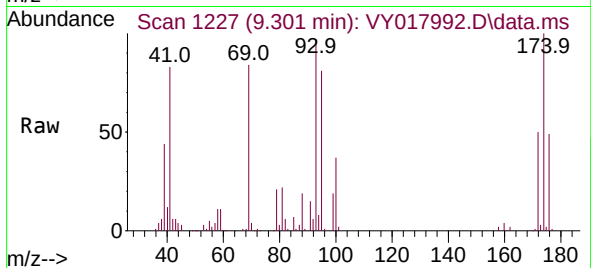
Tgt Ion: 88 Resp: 9774

Ion Ratio Lower Upper

88 100

43 27.3 0.0 0.0#

58 59.9 49.3 73.9



#50

Toluene-d8

Concen: 53.64 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY017992.D

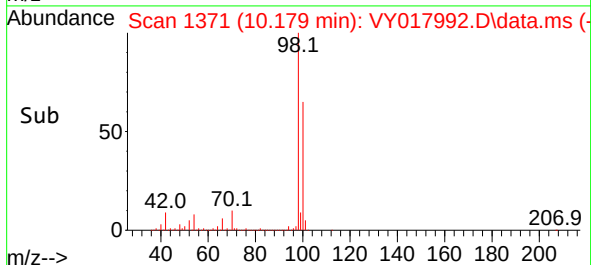
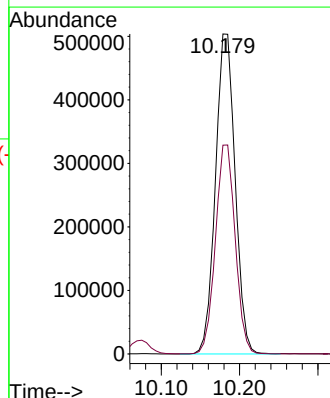
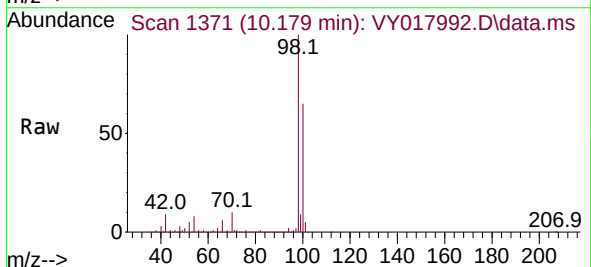
Acq: 19 Apr 2024 12:36

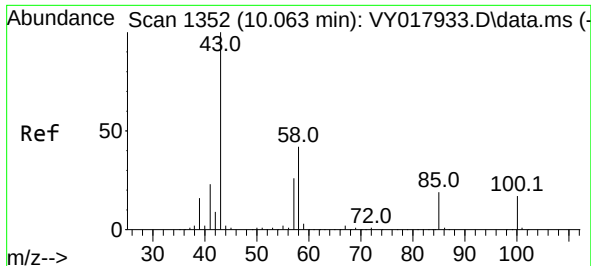
Tgt Ion: 98 Resp: 881125

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

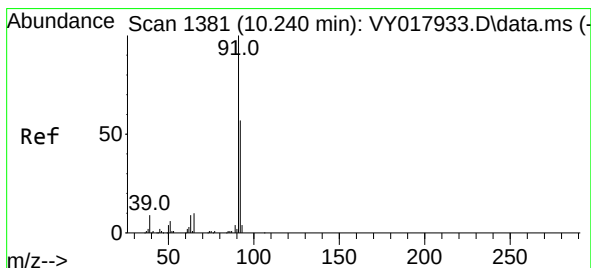
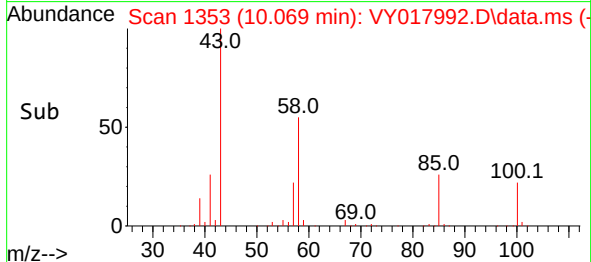
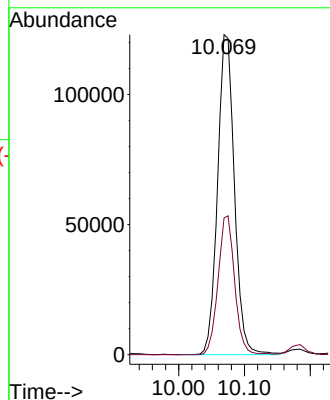
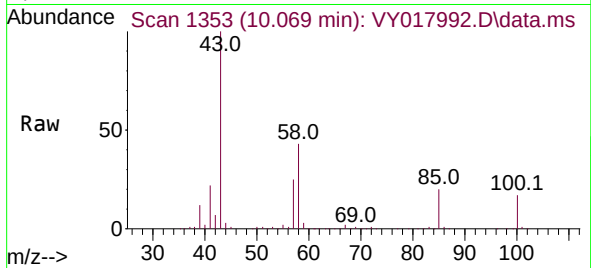




#51
4-Methyl-2-Pentanone
Concen: 85.76 ug/l
RT: 10.069 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

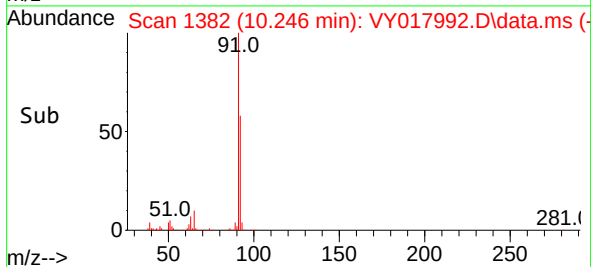
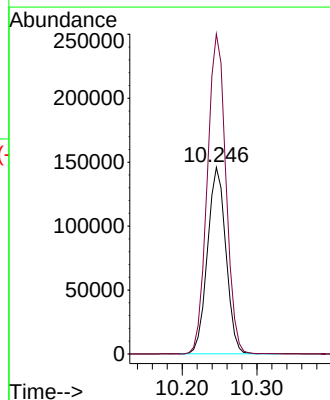
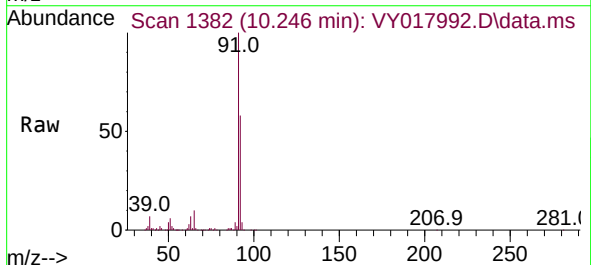
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

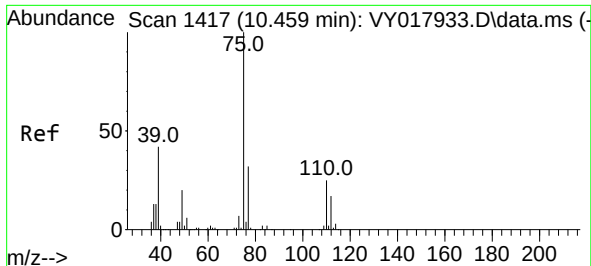
Tgt Ion: 43 Resp: 219492
Ion Ratio Lower Upper
43 100
58 42.7 35.7 53.5



#52
Toluene
Concen: 20.60 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 92 Resp: 249234
Ion Ratio Lower Upper
92 100
91 173.5 139.0 208.6

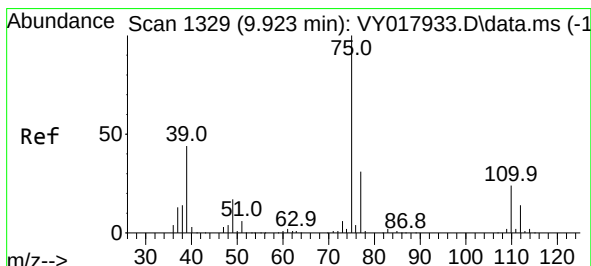
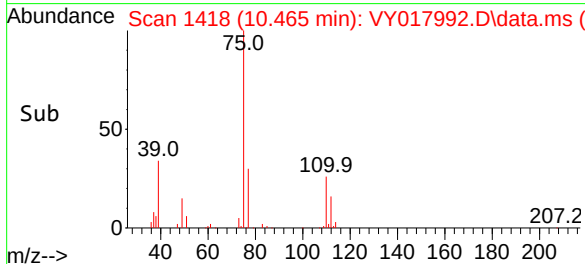
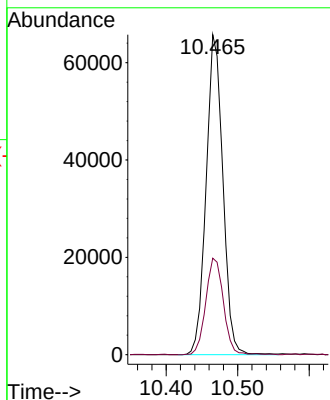
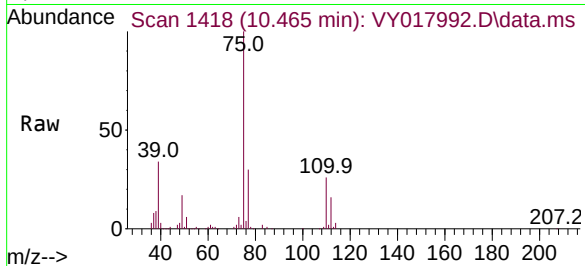




#53
t-1,3-Dichloropropene
Concen: 18.59 ug/l
RT: 10.465 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

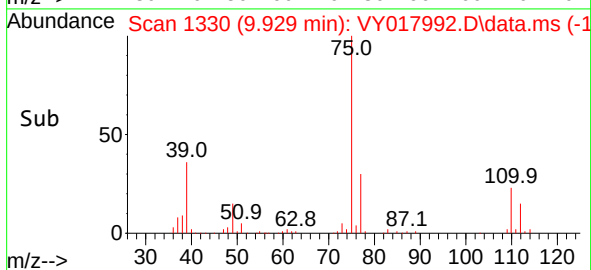
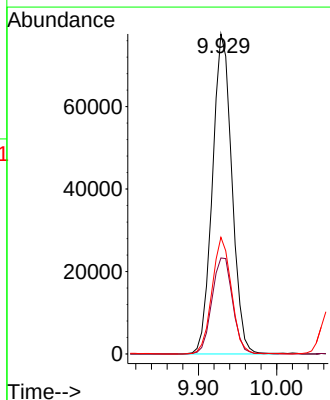
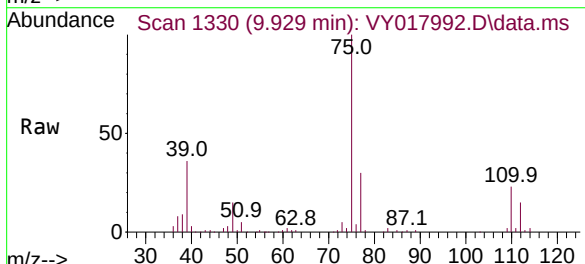
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

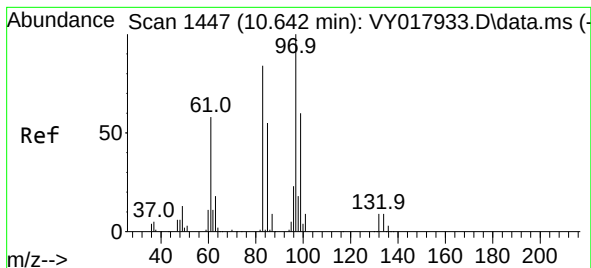
Tgt Ion: 75 Resp: 106878
Ion Ratio Lower Upper
75 100
77 30.2 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.01 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 75 Resp: 134262
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0
39 36.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 18.74 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

Tgt Ion: 97 Resp: 63976

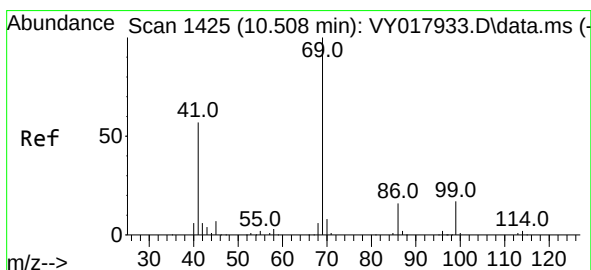
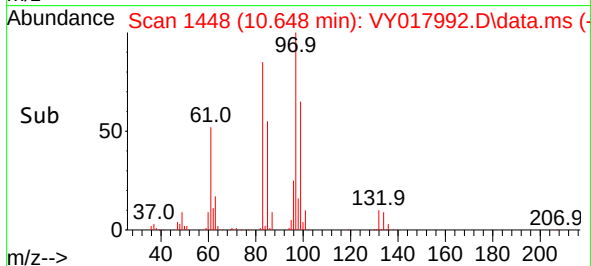
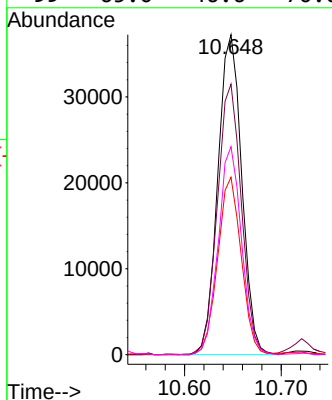
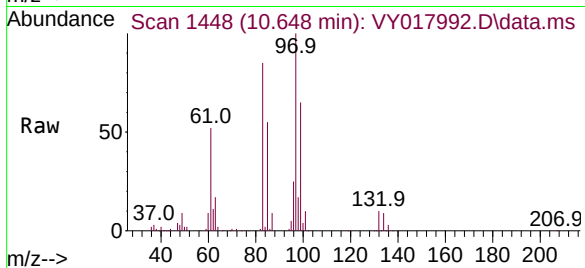
Ion Ratio Lower Upper

97 100

83 84.5 67.5 101.3

85 55.4 42.9 64.3

99 65.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 17.18 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

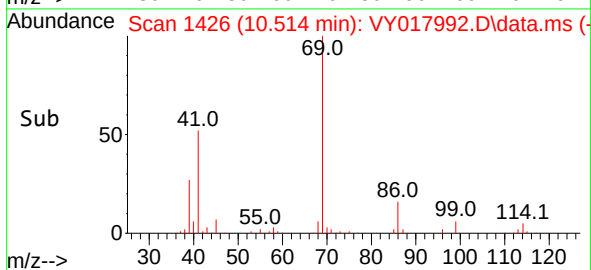
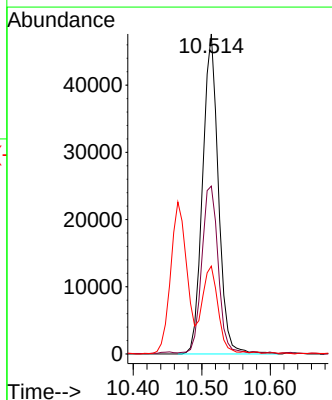
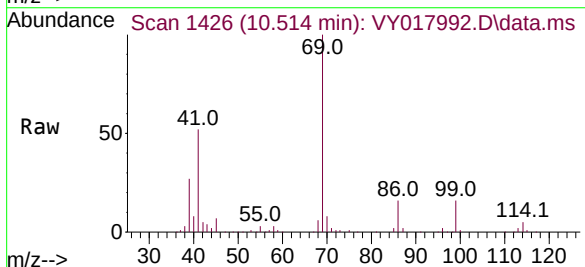
Tgt Ion: 69 Resp: 76433

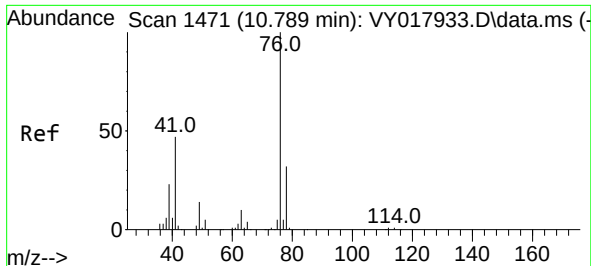
Ion Ratio Lower Upper

69 100

41 53.7 42.3 63.5

39 26.8 22.9 34.3





#57

1,3-Dichloropropane

Concen: 18.47 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

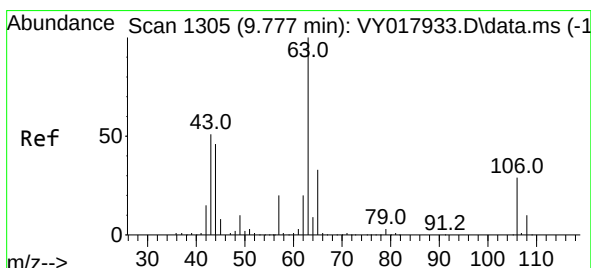
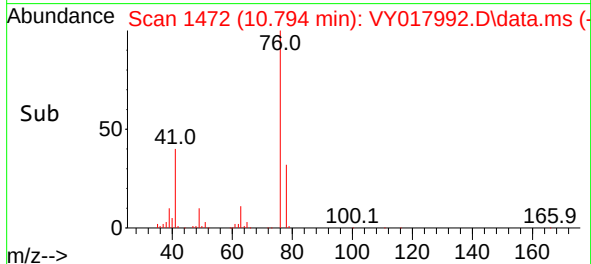
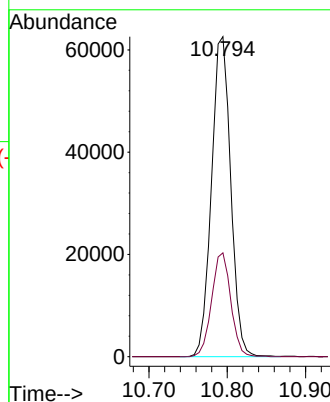
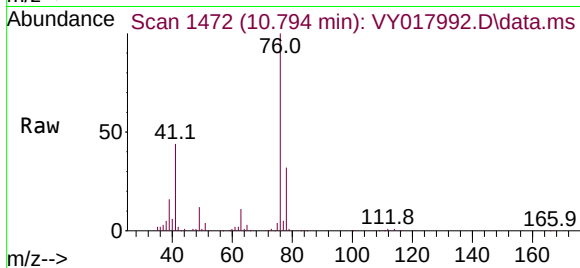
VY0419SBS01

Tgt Ion: 76 Resp: 106717

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 84.43 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY017992.D

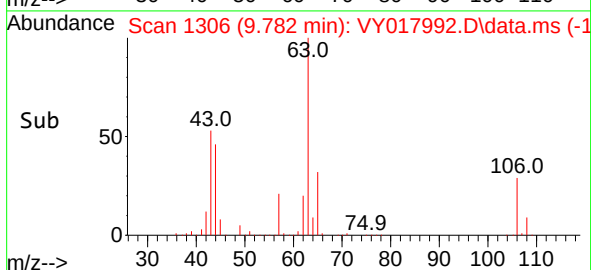
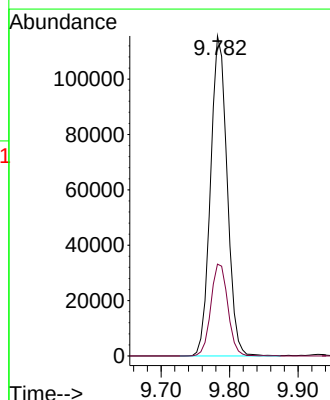
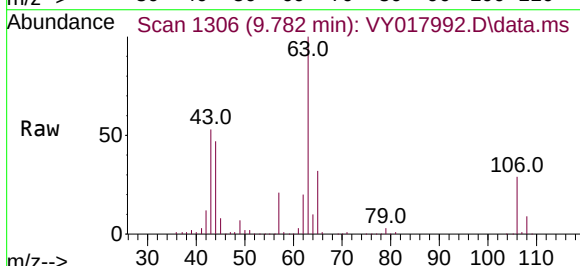
Acq: 19 Apr 2024 12:36

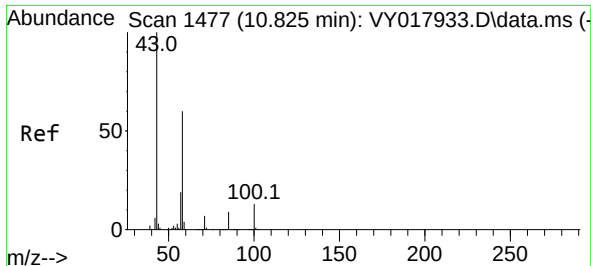
Tgt Ion: 63 Resp: 195269

Ion Ratio Lower Upper

63 100

106 29.3 23.7 35.5

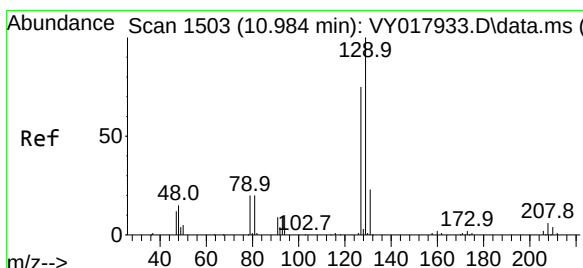
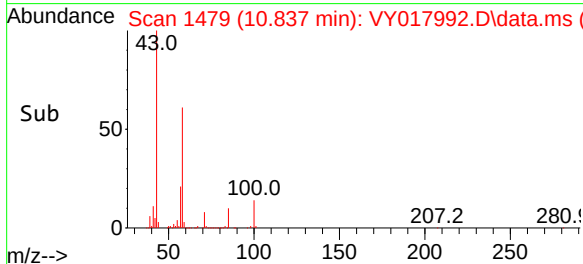
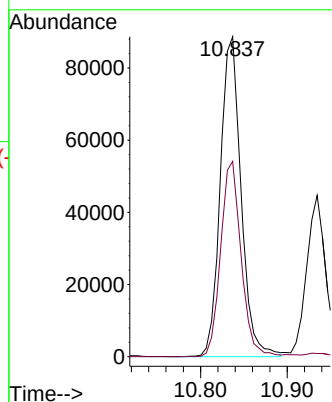
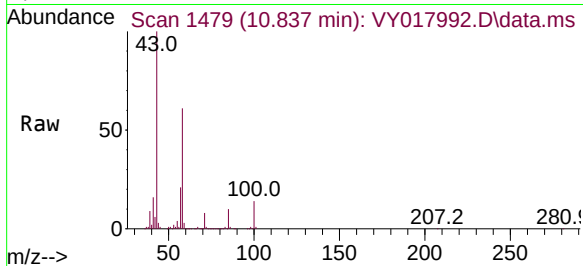




#59
2-Hexanone
Concen: 84.52 ug/l
RT: 10.837 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

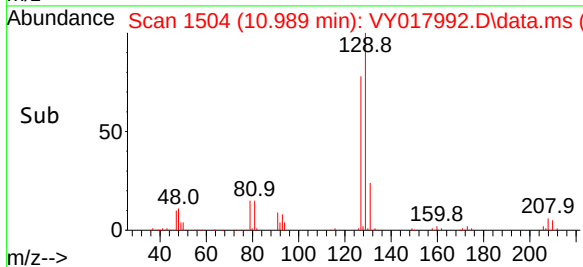
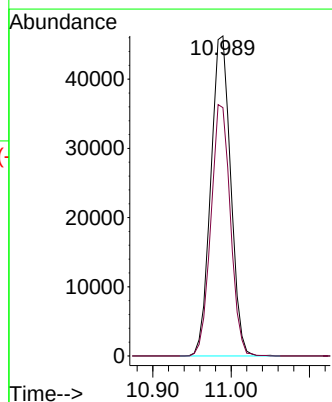
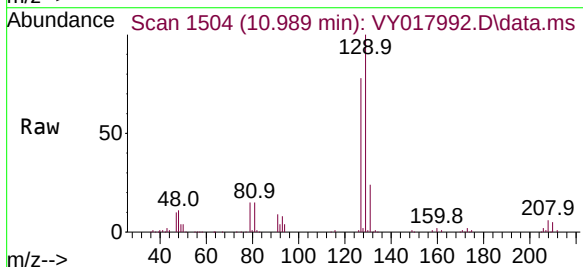
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

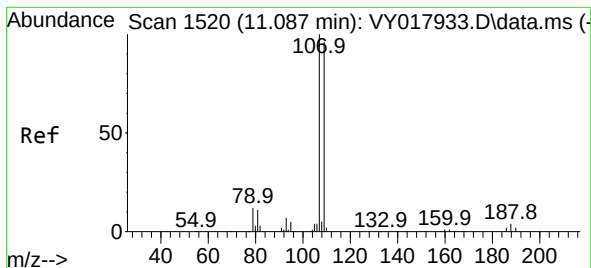
Tgt Ion: 43 Resp: 147671
Ion Ratio Lower Upper
43 100
58 60.1 31.4 94.0



#60
Dibromochloromethane
Concen: 18.56 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 129 Resp: 81392
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 18.09 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

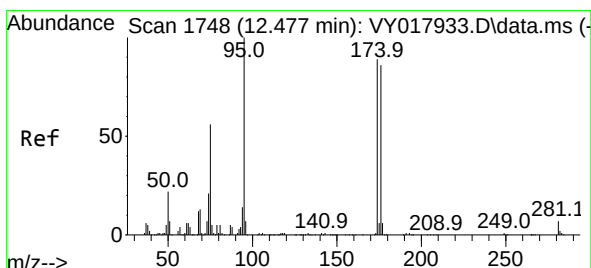
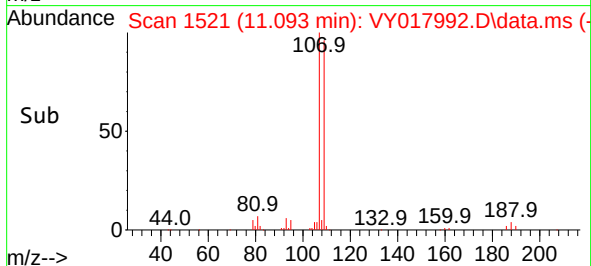
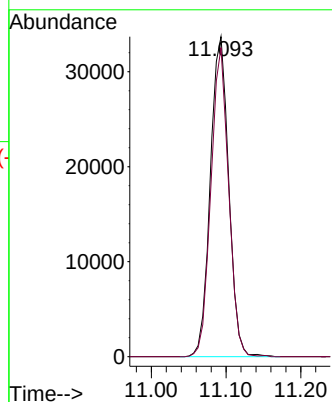
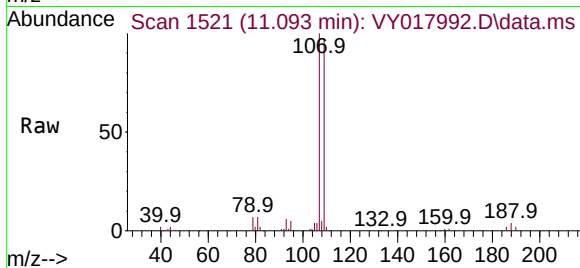
VY0419SBS01

Tgt Ion:107 Resp: 57530

Ion Ratio Lower Upper

107 100

109 93.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 51.51 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

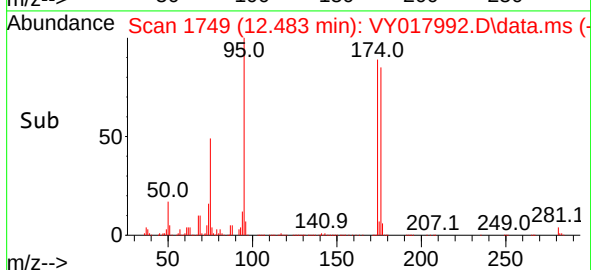
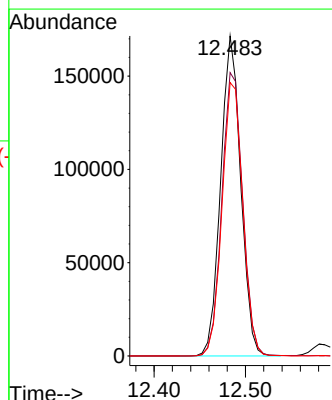
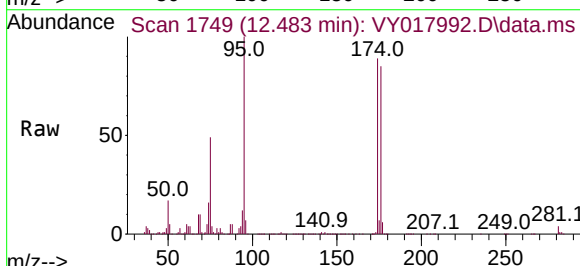
Tgt Ion: 95 Resp: 262018

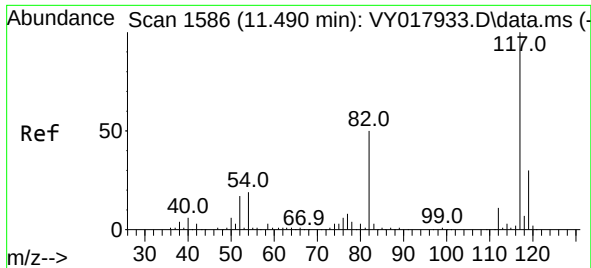
Ion Ratio Lower Upper

95 100

174 92.0 0.0 175.6

176 88.3 0.0 171.4

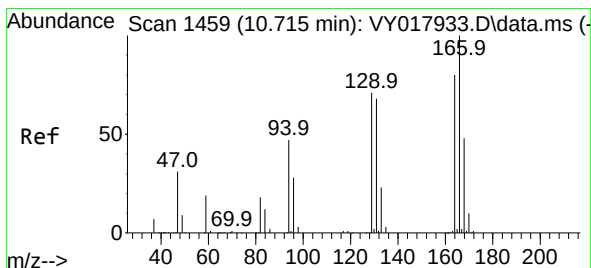
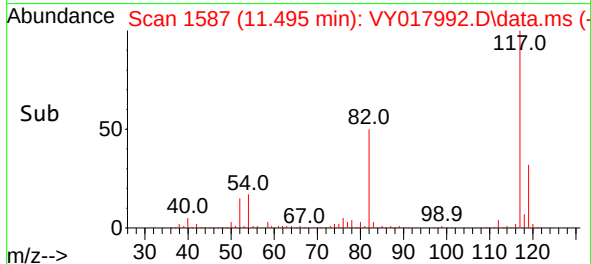
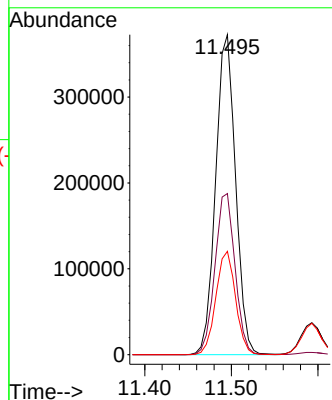
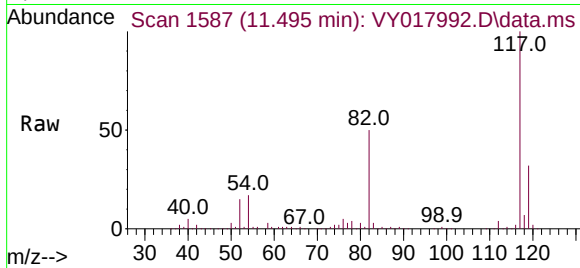




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

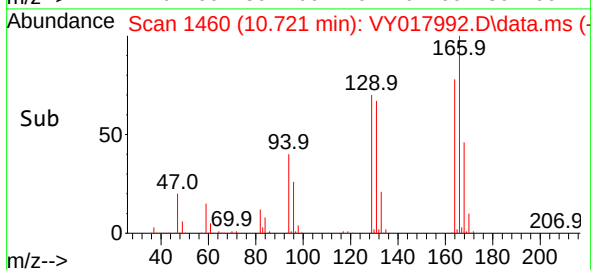
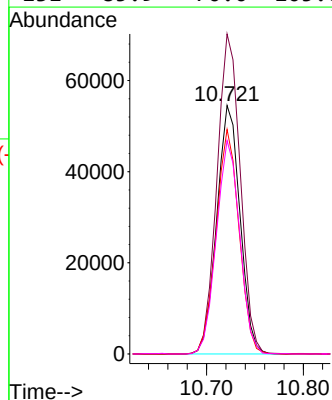
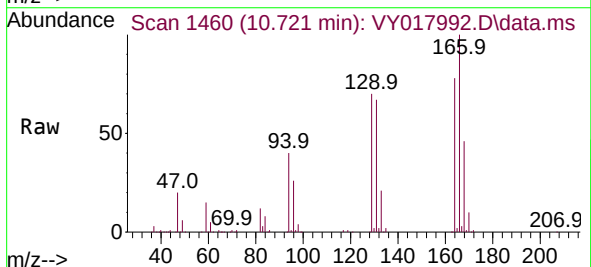
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

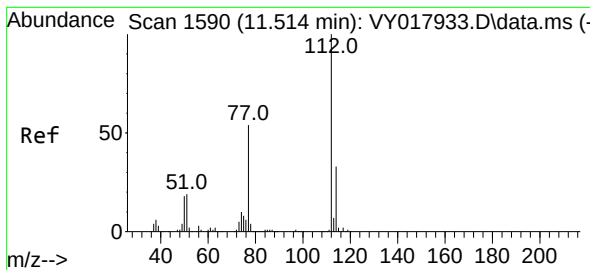
Tgt Ion:117 Resp: 594710
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 21.38 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion:164 Resp: 91093
Ion Ratio Lower Upper
164 100
166 128.8 102.6 154.0
129 90.4 72.0 108.0
131 85.9 70.0 105.0





#65

Chlorobenzene

Concen: 20.53 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

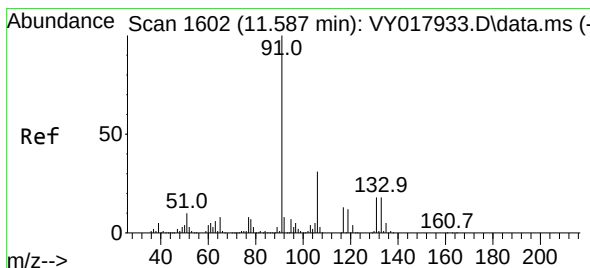
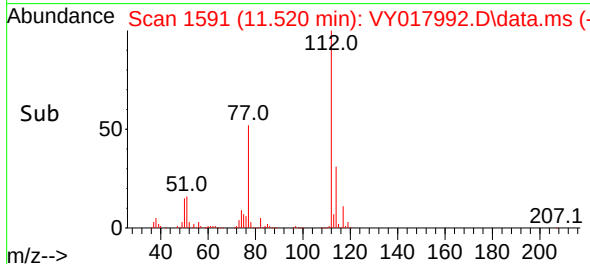
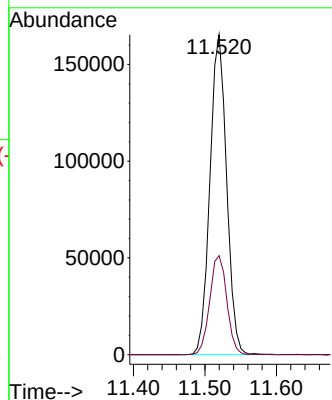
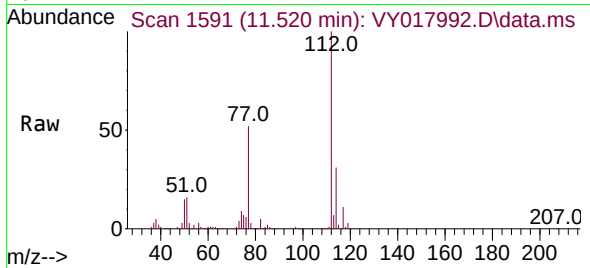
VY0419SBS01

Tgt Ion:112 Resp: 267607

Ion Ratio Lower Upper

112 100

114 31.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.29 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

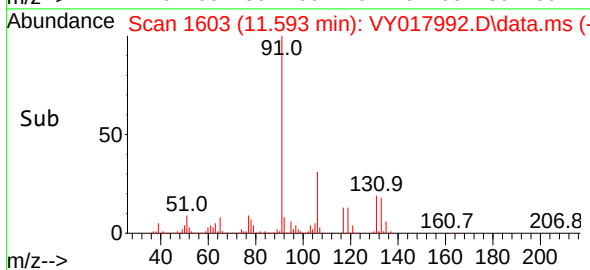
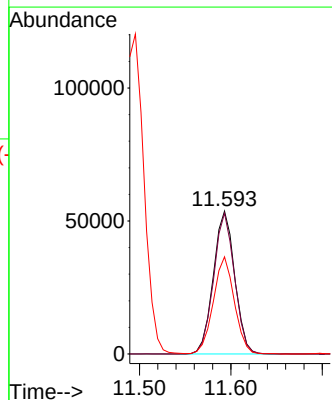
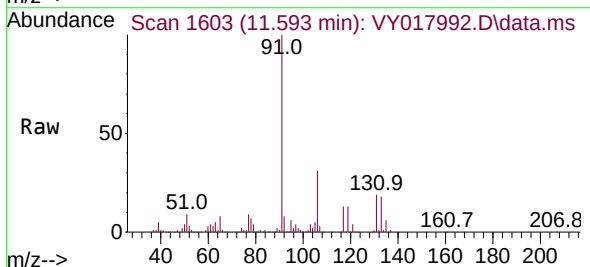
Tgt Ion:131 Resp: 87198

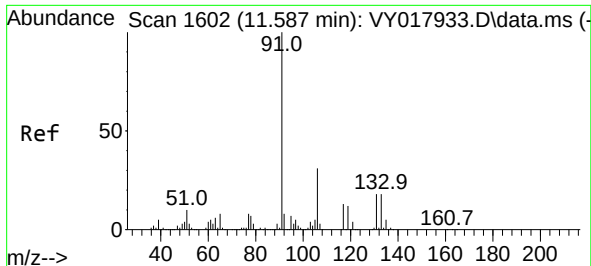
Ion Ratio Lower Upper

131 100

133 96.5 47.8 143.3

119 67.1 34.1 102.2





#67

Ethyl Benzene

Concen: 20.64 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

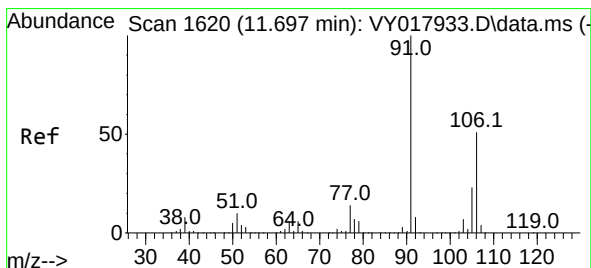
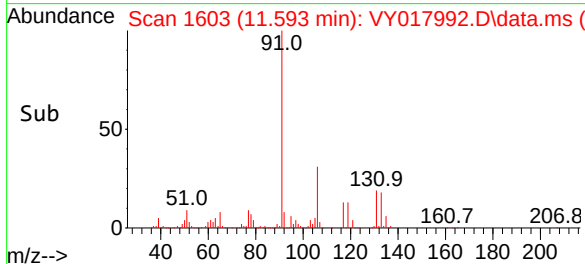
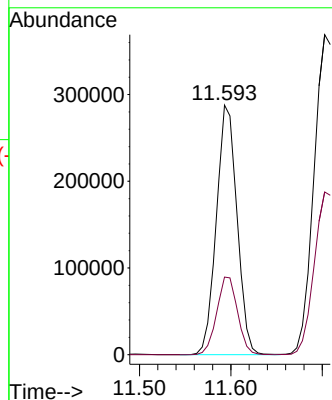
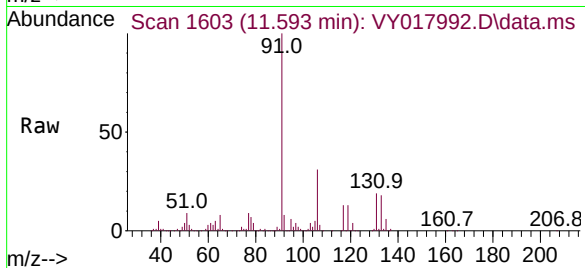
VY0419SBS01

Tgt Ion: 91 Resp: 453028

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 41.99 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY017992.D

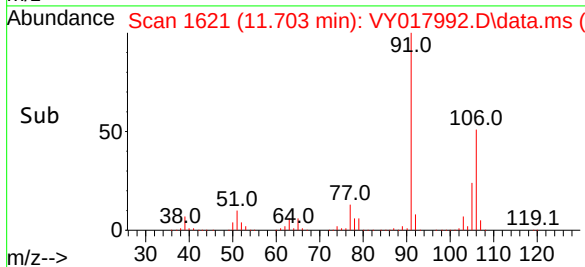
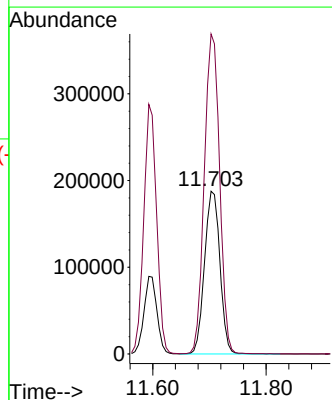
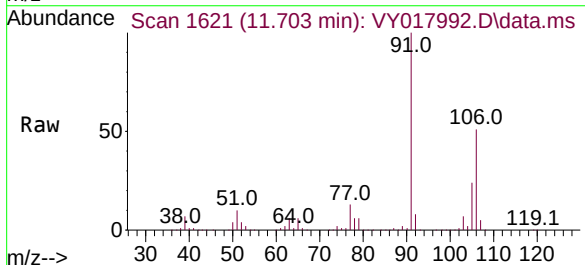
Acq: 19 Apr 2024 12:36

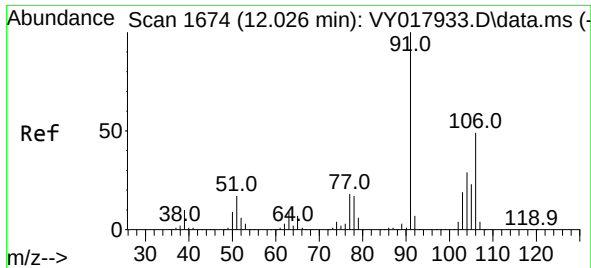
Tgt Ion:106 Resp: 353943

Ion Ratio Lower Upper

106 100

91 195.7 156.0 234.0

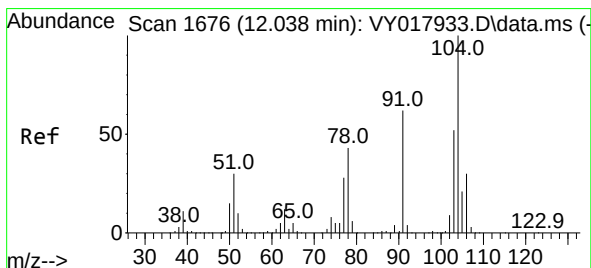
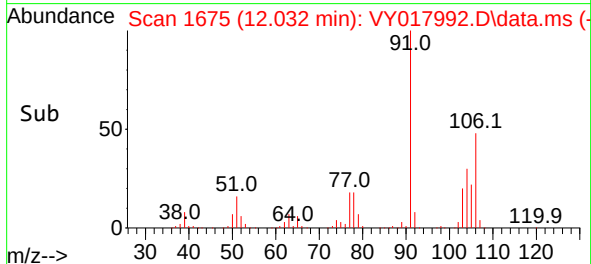
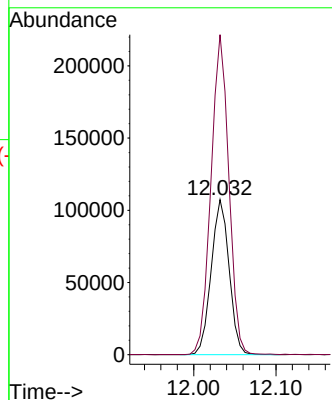
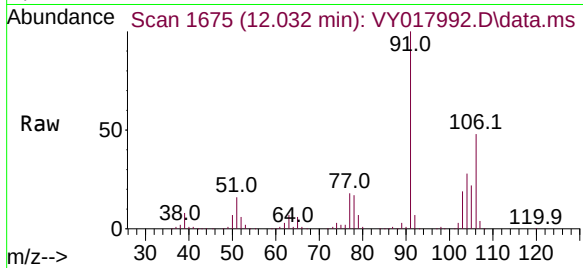




#69
o-Xylene
Concen: 20.67 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

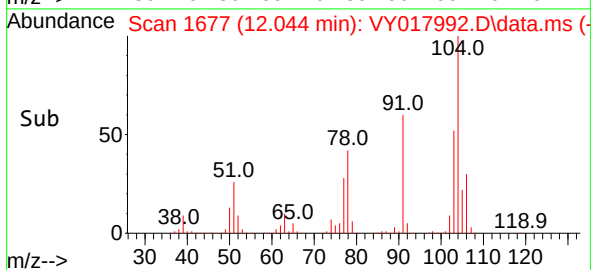
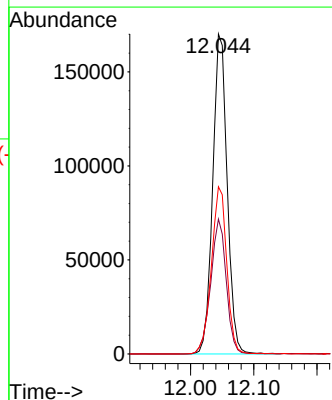
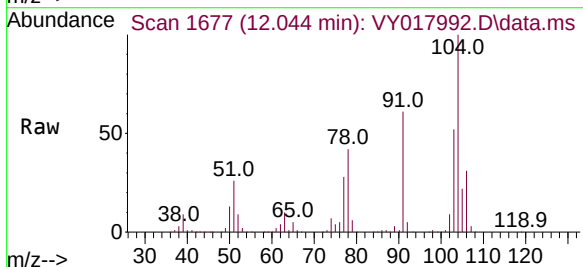
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

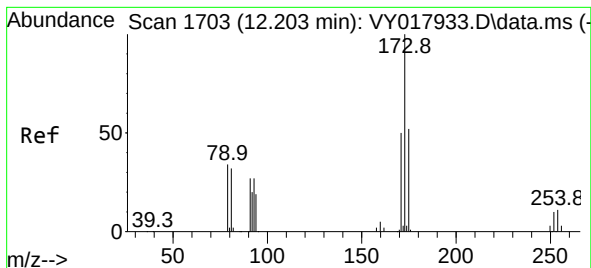
Tgt Ion:106 Resp: 162734
Ion Ratio Lower Upper
106 100
91 205.7 103.6 310.8



#70
Styrene
Concen: 20.36 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion:104 Resp: 270939
Ion Ratio Lower Upper
104 100
78 45.3 37.0 55.4
103 55.7 44.2 66.2





#71

Bromoform

Concen: 18.38 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

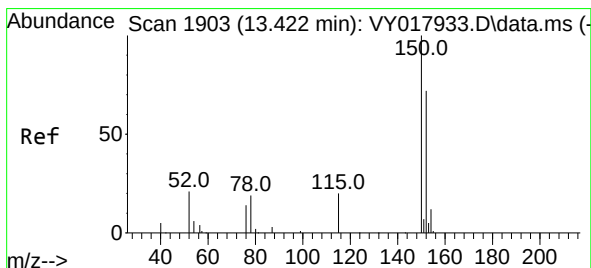
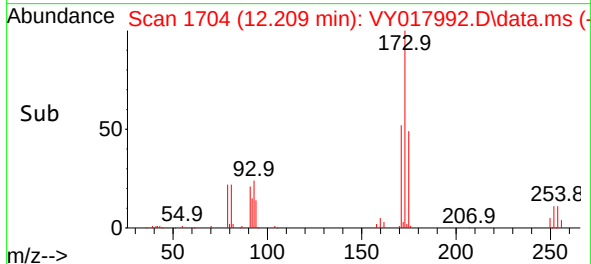
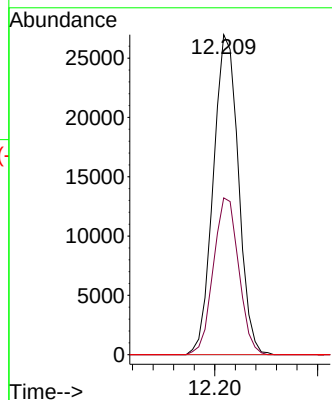
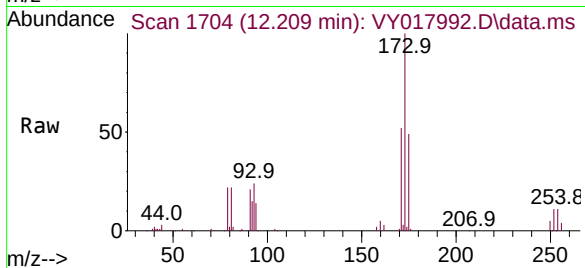
Tgt Ion:173 Resp: 45645

Ion Ratio Lower Upper

173 100

175 49.5 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

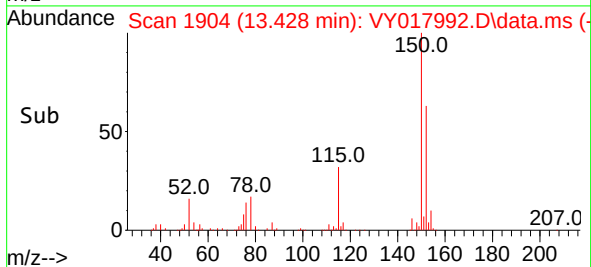
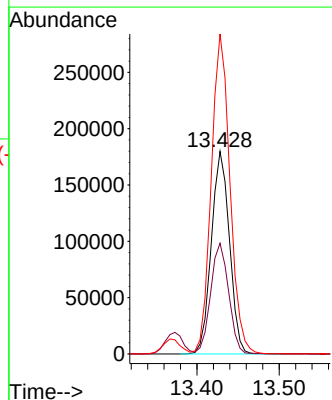
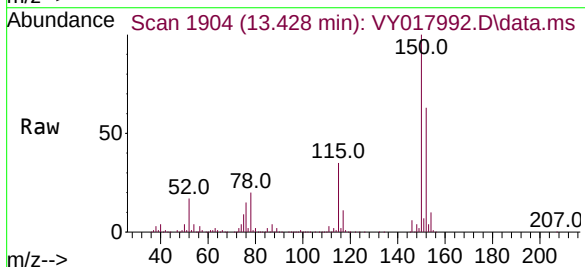
Tgt Ion:152 Resp: 275172

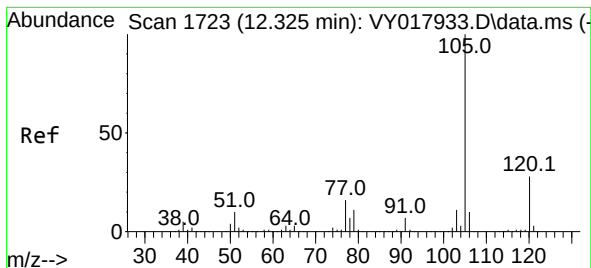
Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 163.0 0.0 345.6





#73

Isopropylbenzene

Concen: 21.62 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

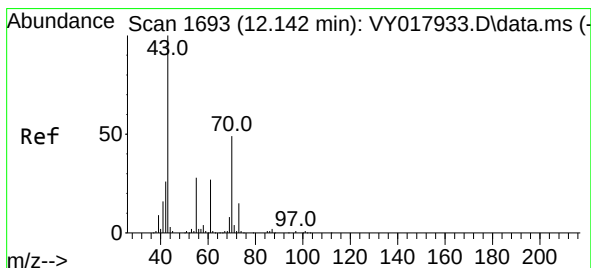
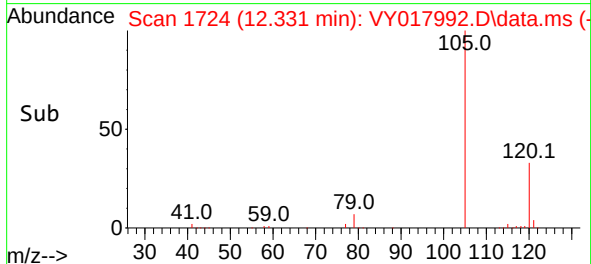
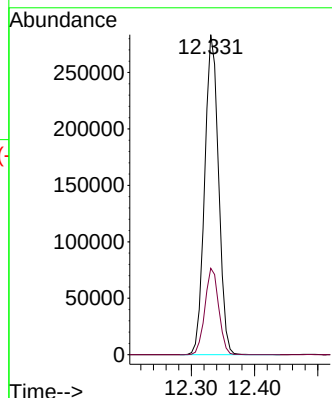
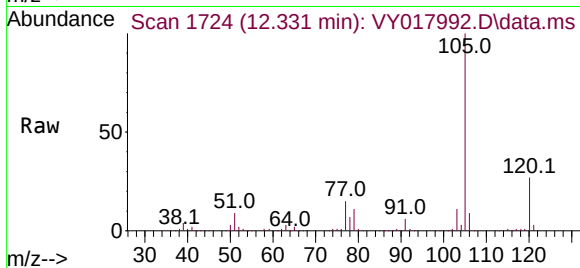
VY0419SBS01

Tgt Ion:105 Resp: 433525

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-amy1 acetate

Concen: 17.44 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Tgt Ion: 43 Resp: 70574

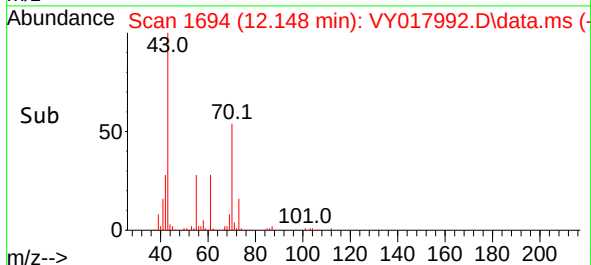
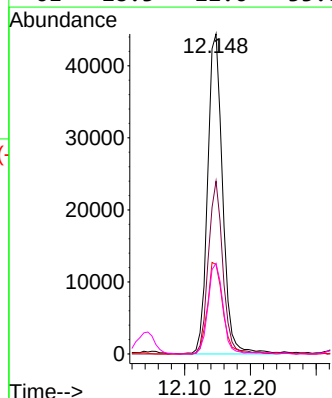
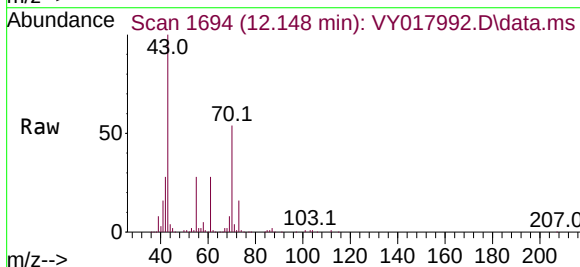
Ion Ratio Lower Upper

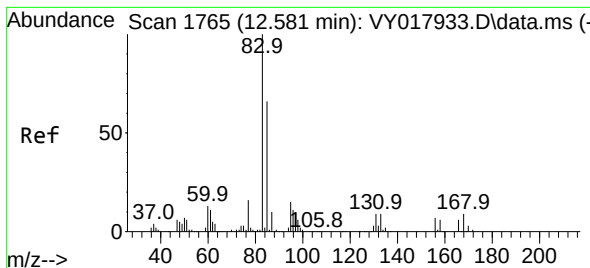
43 100

70 52.1 41.4 62.2

55 29.3 23.3 34.9

61 28.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.25 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

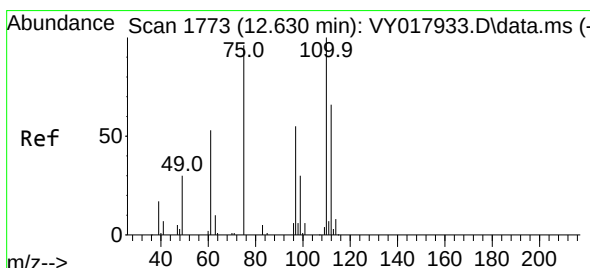
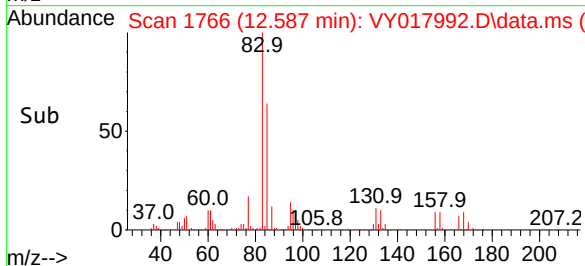
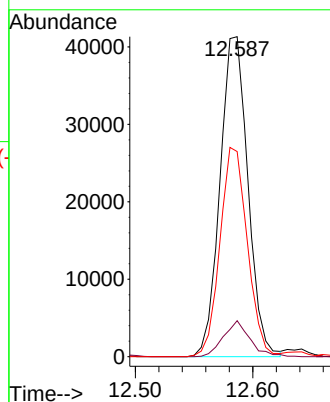
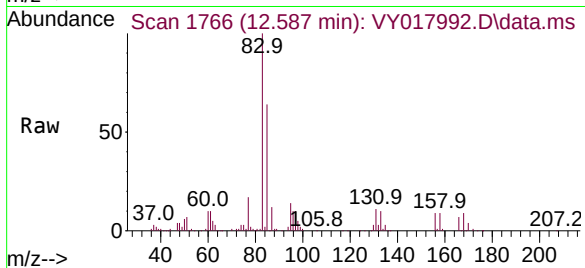
Tgt Ion: 83 Resp: 68239

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 64.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 32.23 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY017992.D

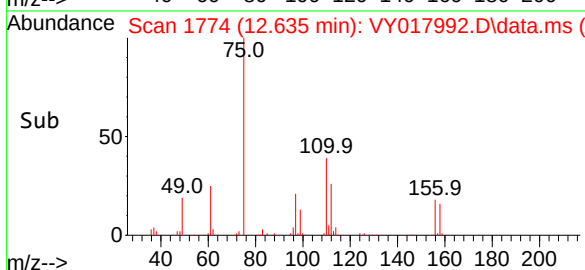
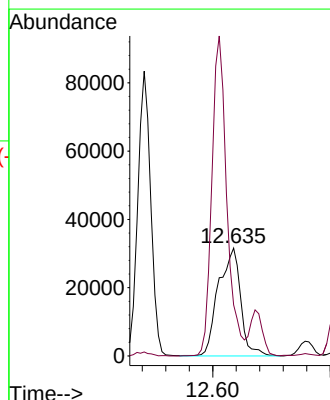
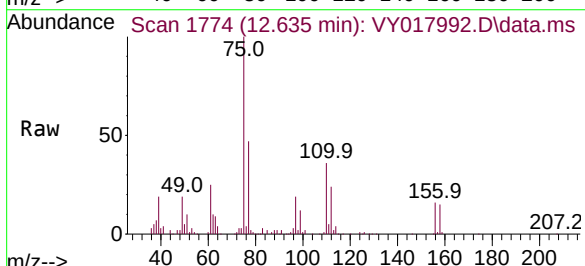
Acq: 19 Apr 2024 12:36

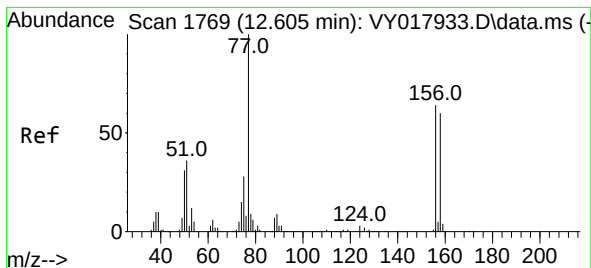
Tgt Ion: 75 Resp: 83231

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.52 ug/l

RT: 12.611 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

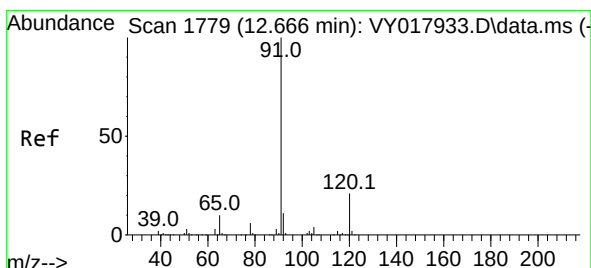
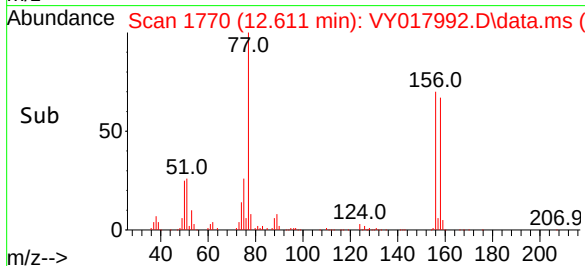
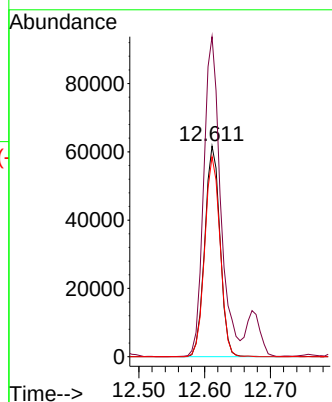
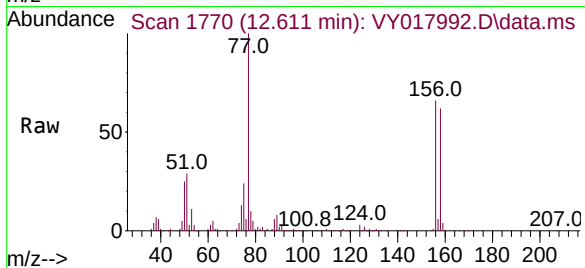
Tgt Ion:156 Resp: 99554

Ion Ratio Lower Upper

156 100

77 167.2 87.1 261.3

158 95.8 48.6 145.9



#78

n-propylbenzene

Concen: 21.38 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY017992.D

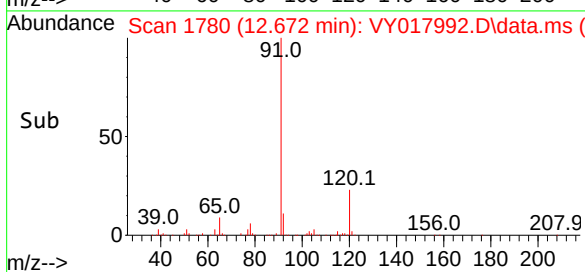
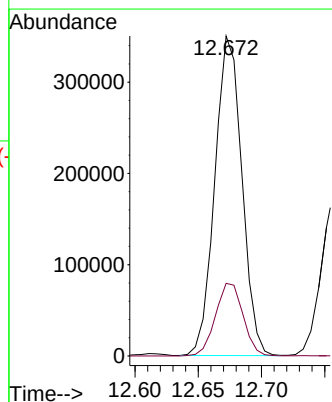
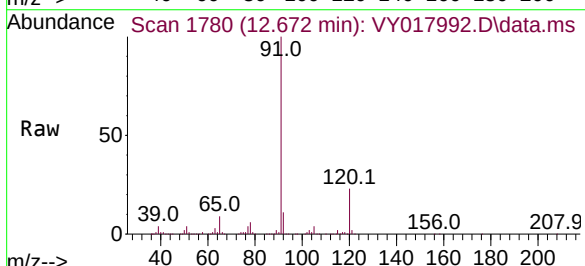
Acq: 19 Apr 2024 12:36

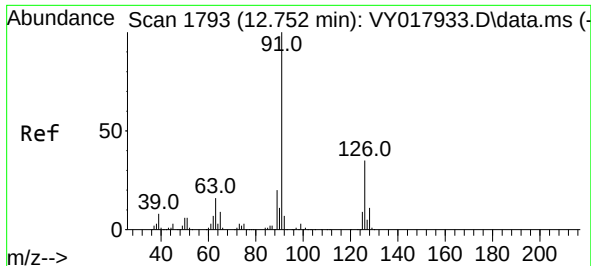
Tgt Ion: 91 Resp: 520106

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

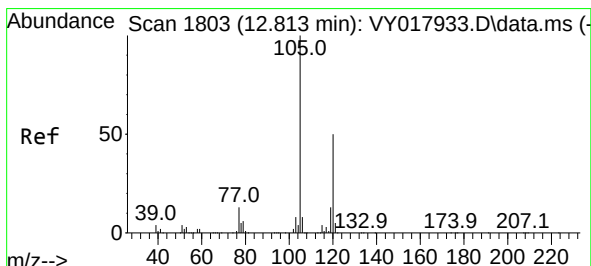
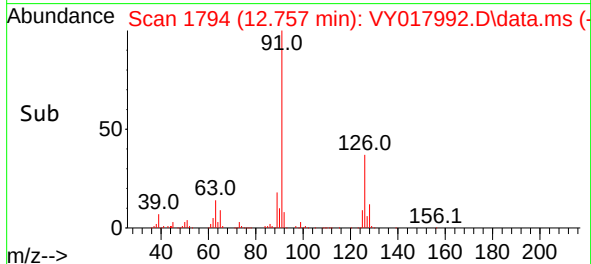
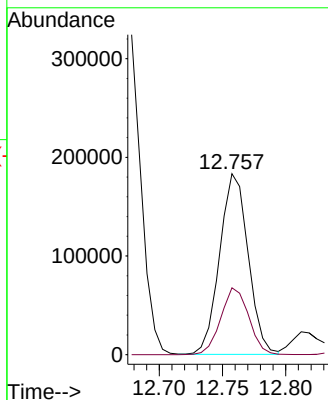
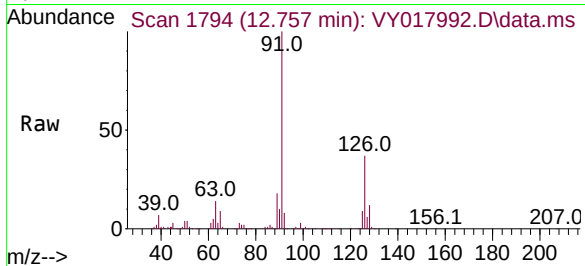




#79
2-Chlorotoluene
Concen: 21.10 ug/l
RT: 12.757 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

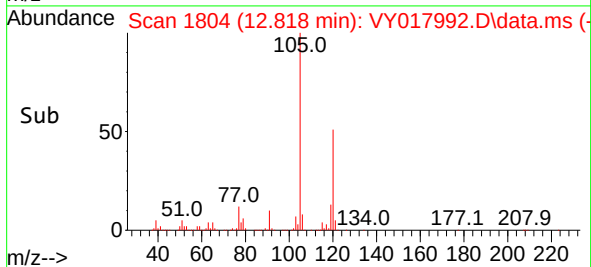
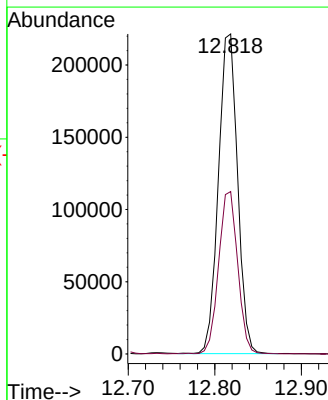
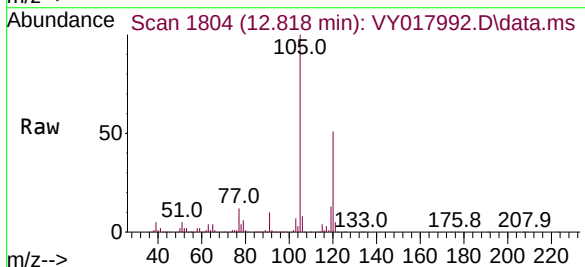
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

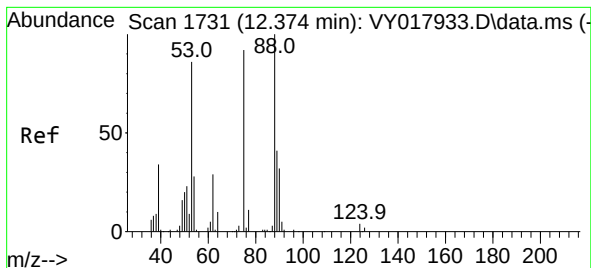
Tgt Ion: 91 Resp: 287378
Ion Ratio Lower Upper
91 100
126 36.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 21.36 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 105 Resp: 339673
Ion Ratio Lower Upper
105 100
120 50.6 25.1 75.2

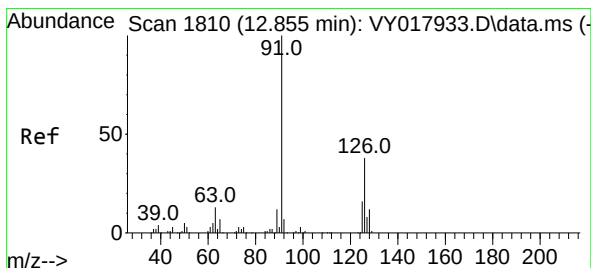
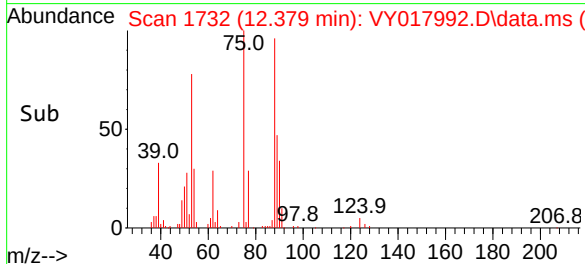
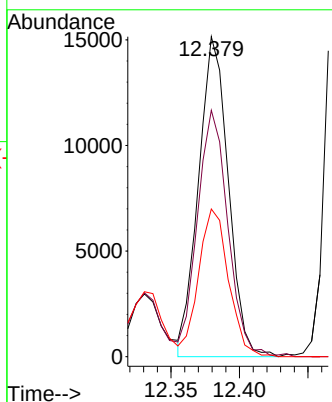
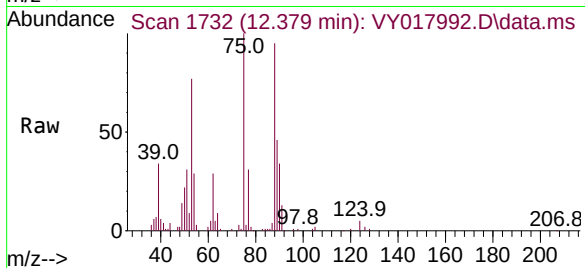




#81
trans-1,4-Dichloro-2-butene
Concen: 18.27 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

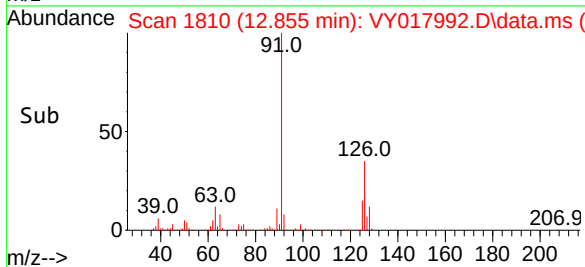
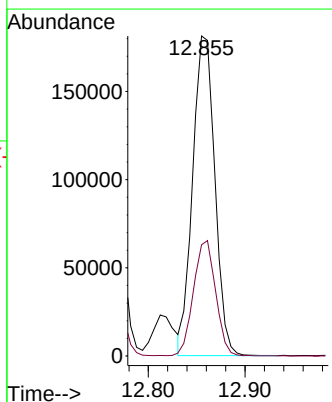
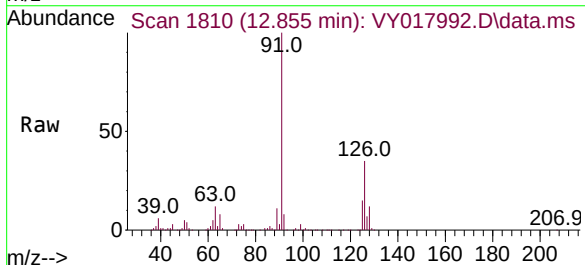
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBS01

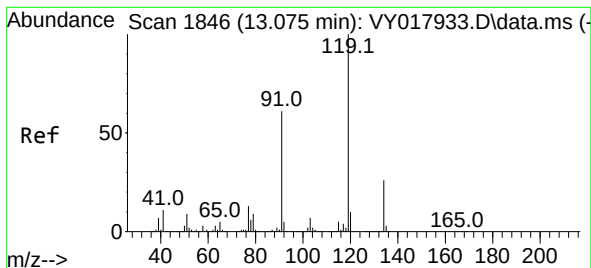
Tgt Ion: 75 Resp: 22885
Ion Ratio Lower Upper
75 100
53 78.8 66.8 100.2
89 46.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.53 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY017992.D
Acq: 19 Apr 2024 12:36

Tgt Ion: 91 Resp: 289468
Ion Ratio Lower Upper
91 100
126 36.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.84 ug/l

RT: 13.081 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

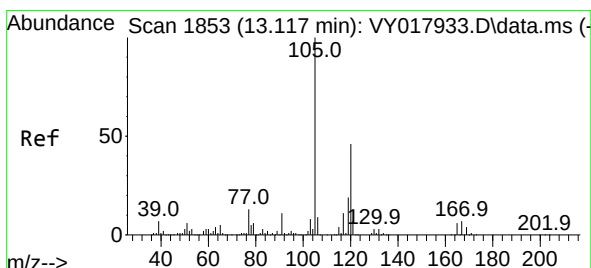
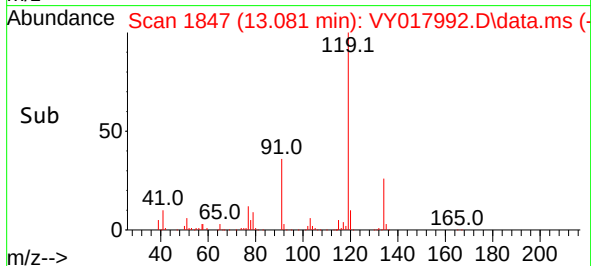
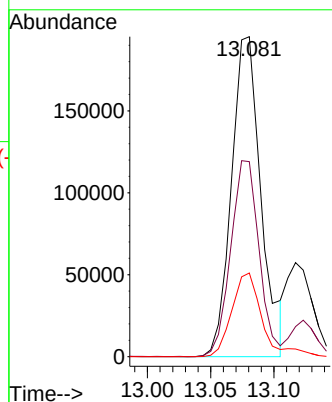
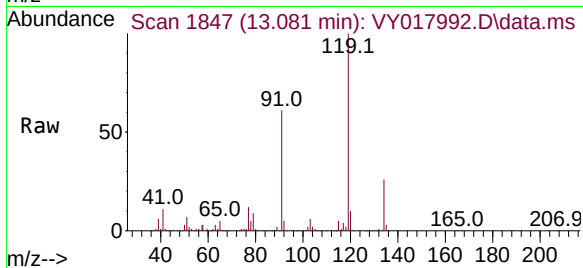
Tgt Ion:119 Resp: 317090

Ion Ratio Lower Upper

119 100

91 59.0 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.15 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY017992.D

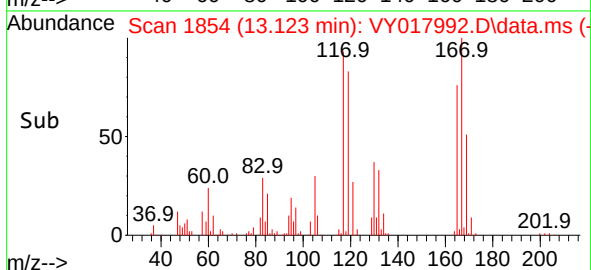
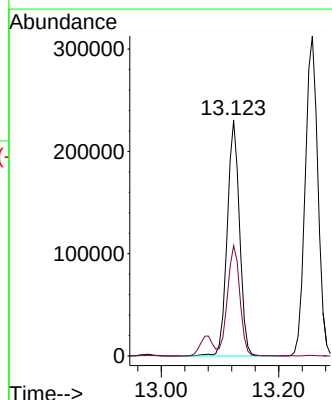
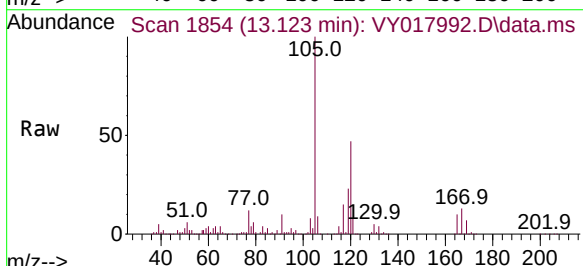
Acq: 19 Apr 2024 12:36

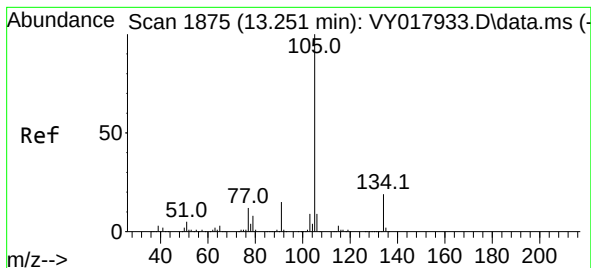
Tgt Ion:105 Resp: 334935

Ion Ratio Lower Upper

105 100

120 47.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.28 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

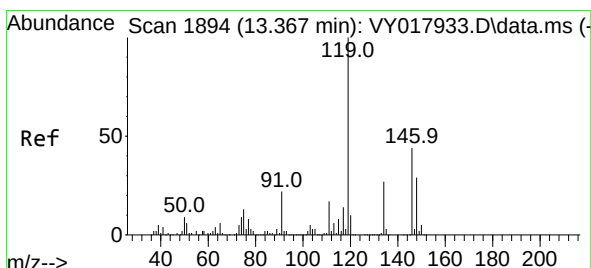
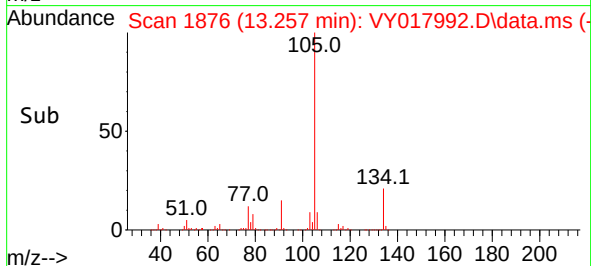
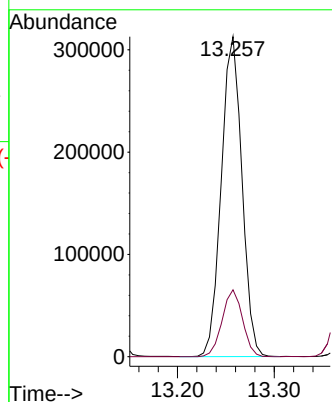
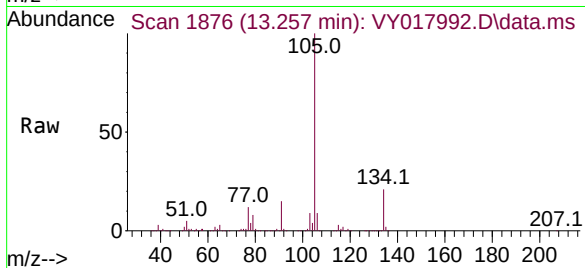
VY0419SBS01

Tgt Ion:105 Resp: 464089

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.01 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

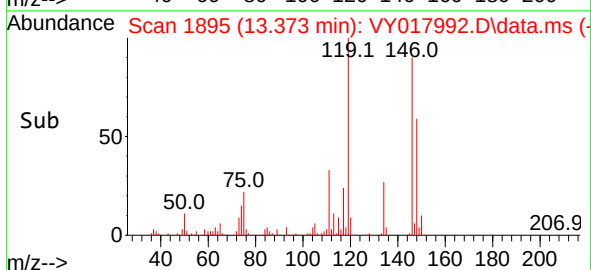
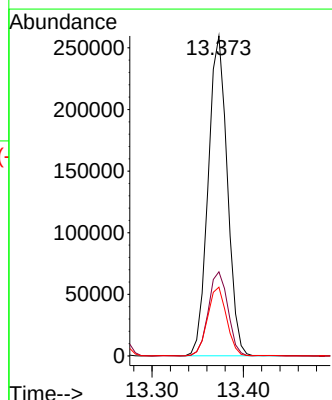
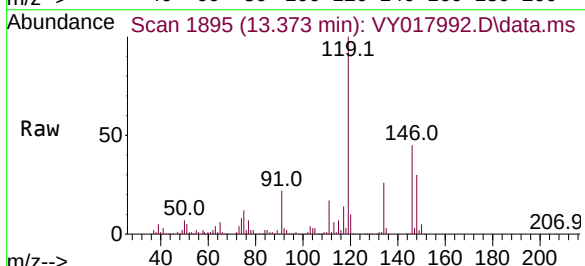
Tgt Ion:119 Resp: 376566

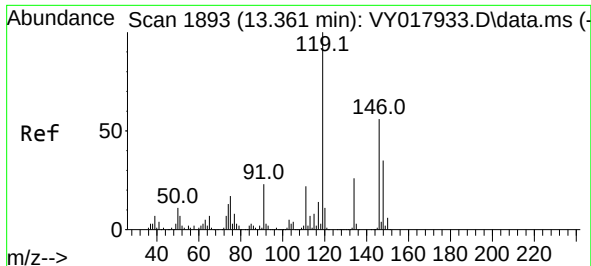
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 21.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.34 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

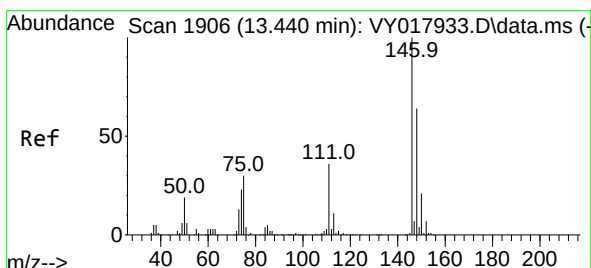
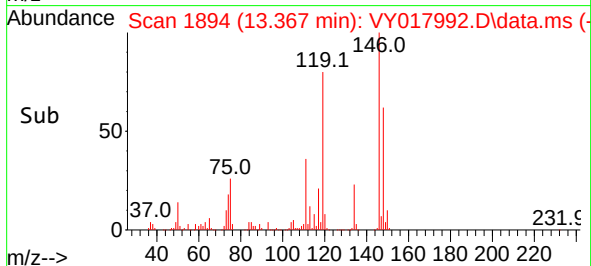
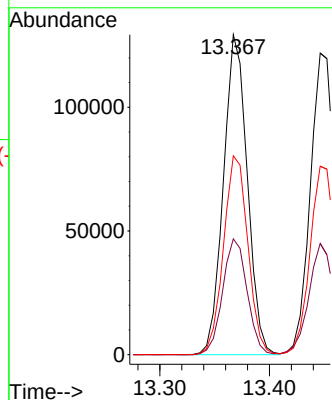
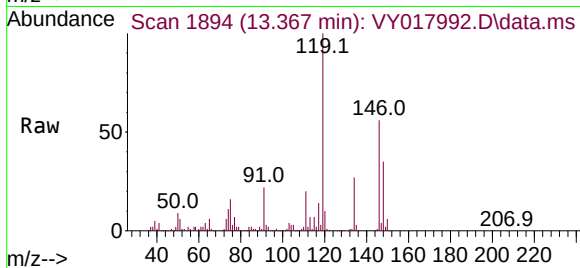
Tgt Ion:146 Resp: 195793

Ion Ratio Lower Upper

146 100

111 37.0 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.51 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

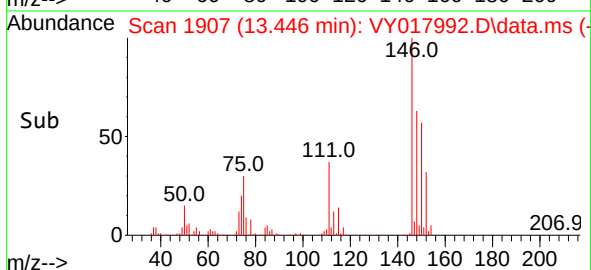
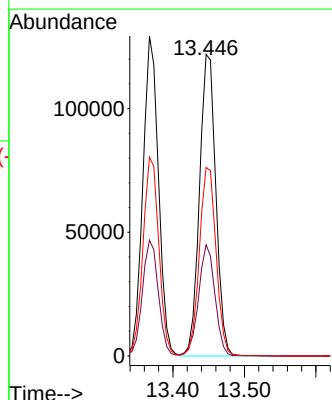
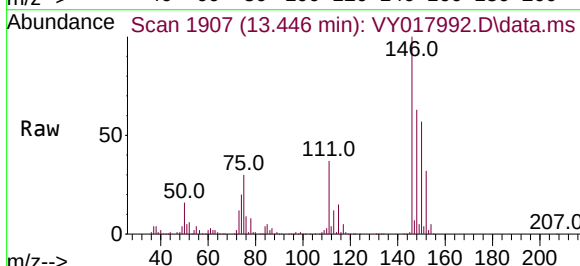
Tgt Ion:146 Resp: 193808

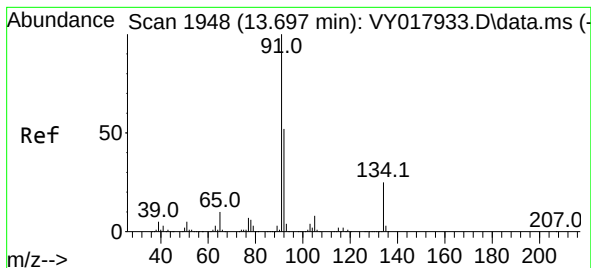
Ion Ratio Lower Upper

146 100

111 36.7 18.4 55.4

148 64.1 32.4 97.2





#89

n-Butylbenzene

Concen: 20.46 ug/l

RT: 13.702 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

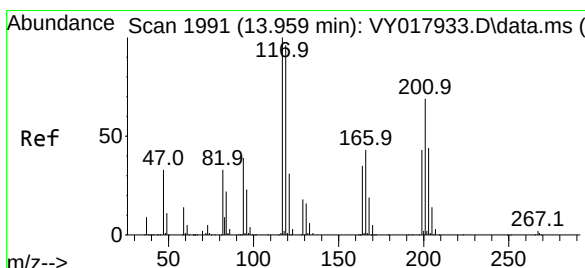
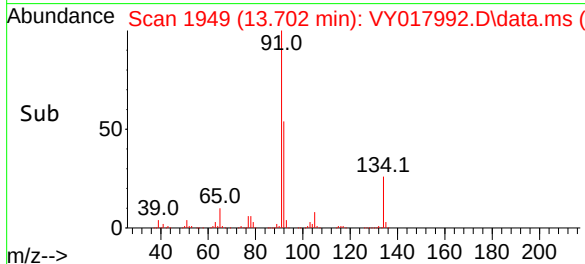
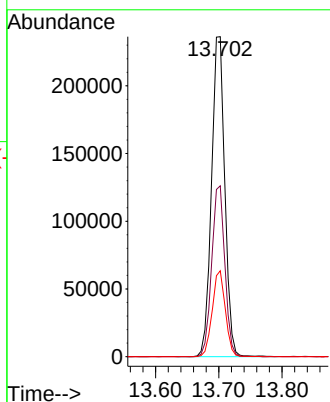
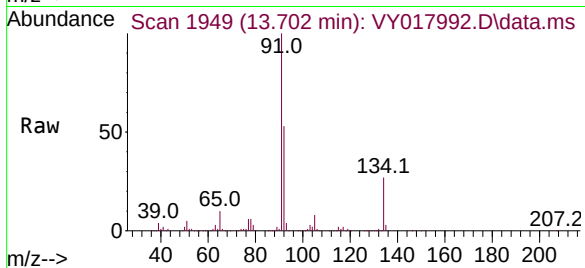
Tgt Ion: 91 Resp: 344926

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 26.4 12.9 38.7



#90

Hexachloroethane

Concen: 20.84 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY017992.D

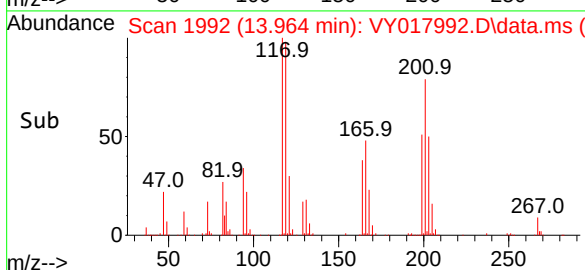
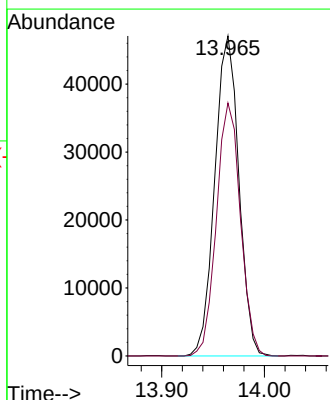
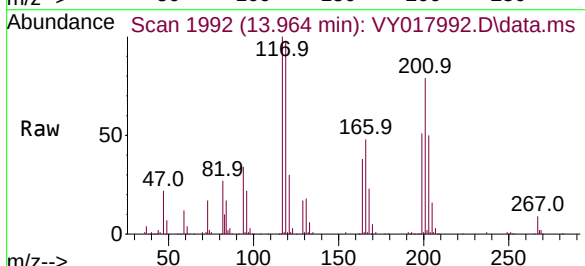
Acq: 19 Apr 2024 12:36

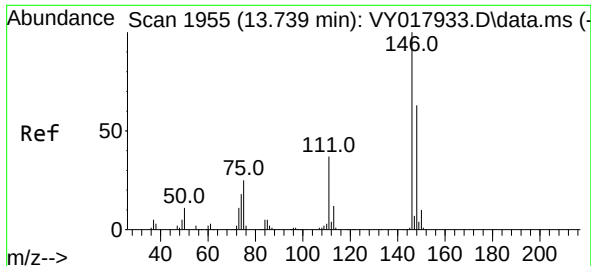
Tgt Ion: 117 Resp: 76582

Ion Ratio Lower Upper

117 100

201 78.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.04 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

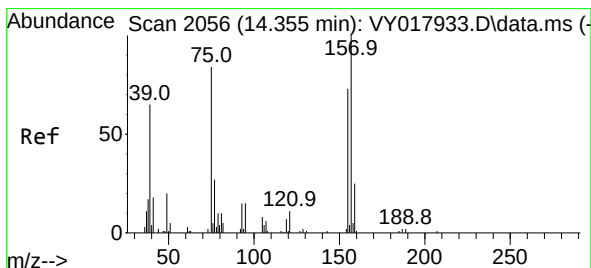
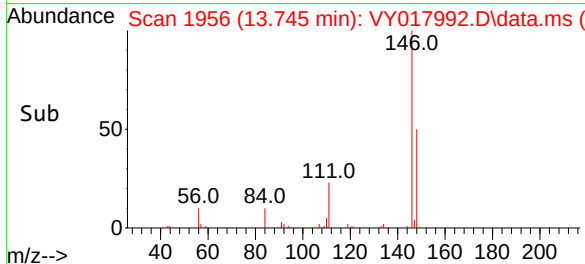
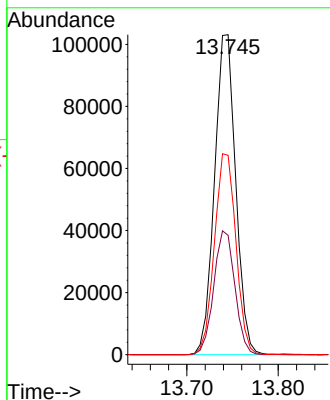
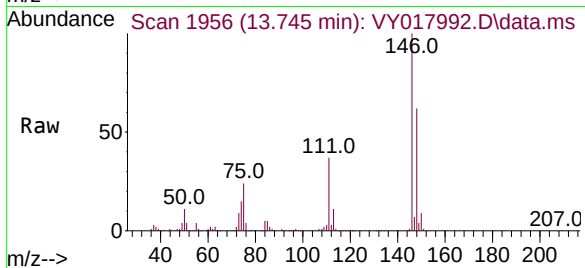
Tgt Ion:146 Resp: 166476

Ion Ratio Lower Upper

146 100

111 38.6 19.9 59.7

148 63.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.69 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

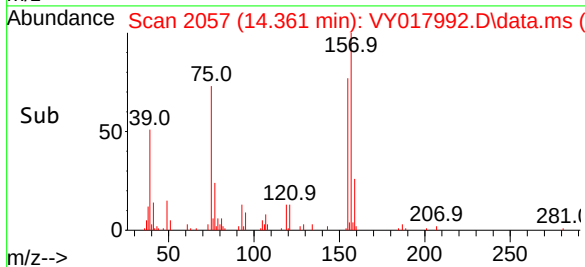
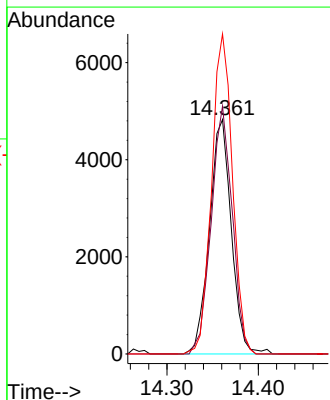
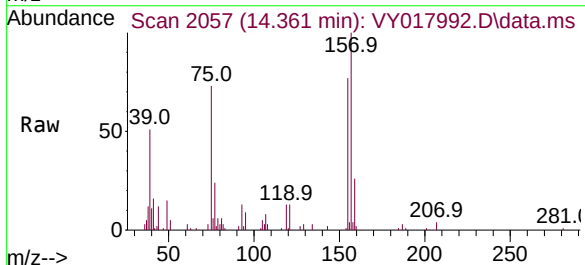
Tgt Ion: 75 Resp: 8030

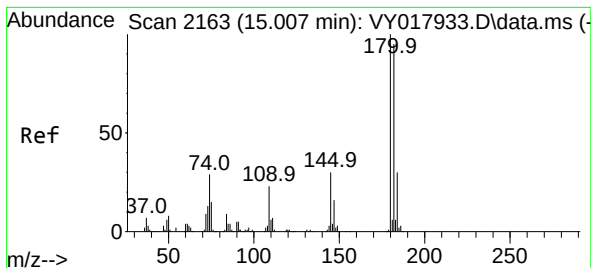
Ion Ratio Lower Upper

75 100

155 101.5 48.6 145.8

157 129.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.97 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

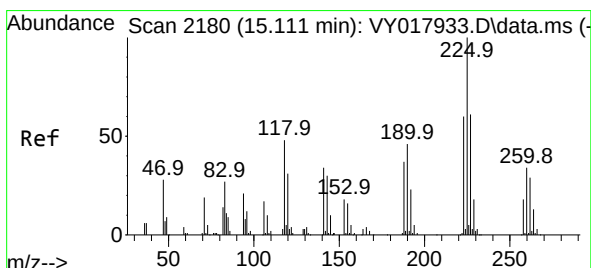
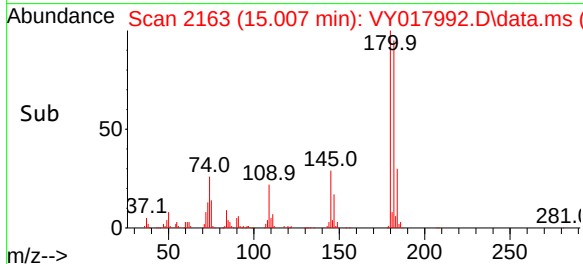
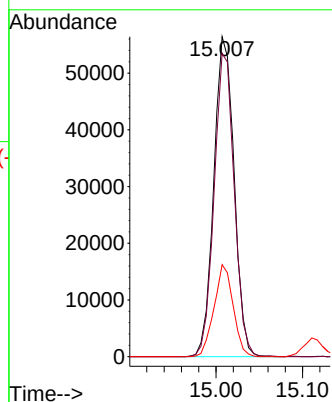
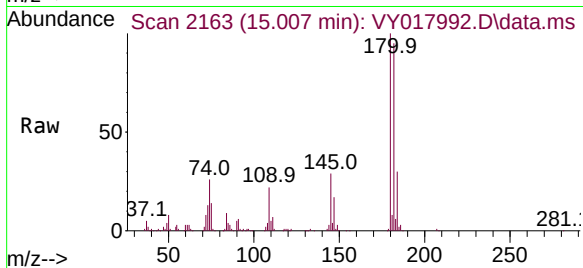
Tgt Ion:180 Resp: 91733

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.8

145 27.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.97 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

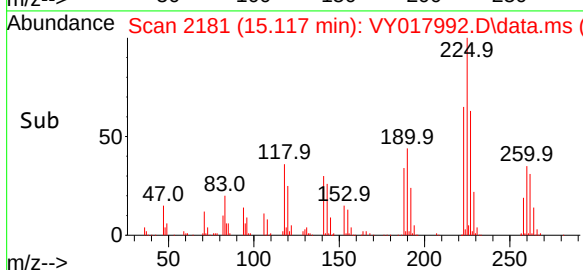
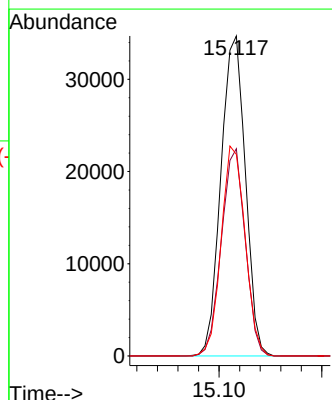
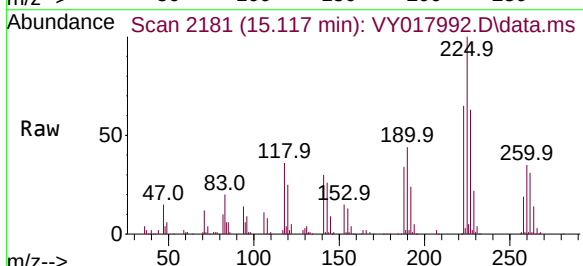
Tgt Ion:225 Resp: 57291

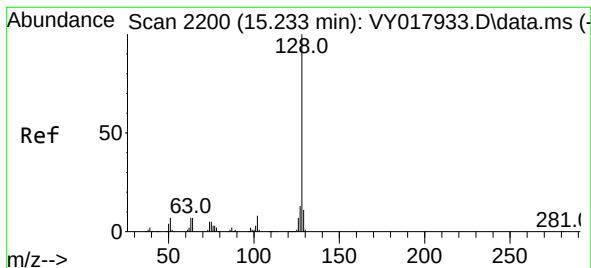
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 64.1 31.9 95.9





#95

Naphthalene

Concen: 16.86 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBS01

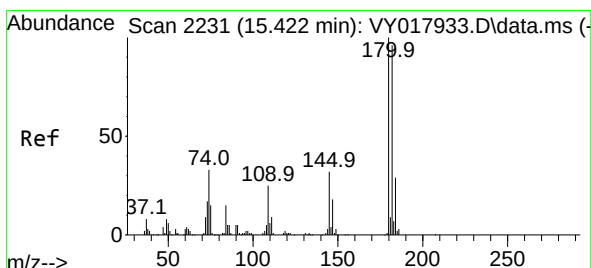
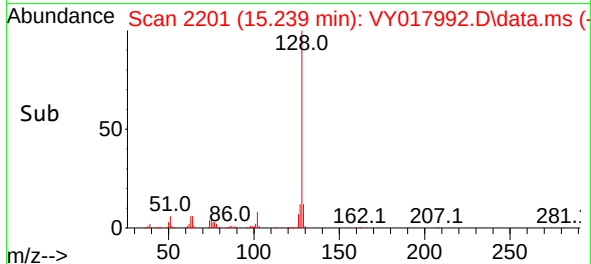
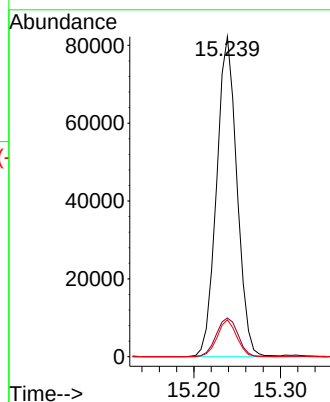
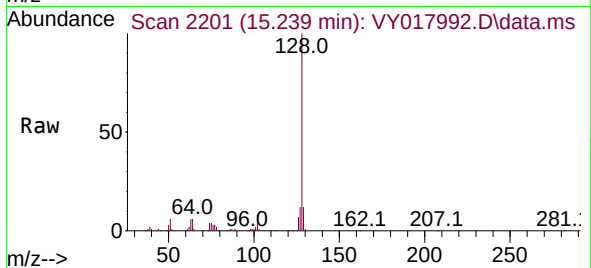
Tgt Ion:128 Resp: 134395

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.46 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY017992.D

Acq: 19 Apr 2024 12:36

Tgt Ion:180 Resp: 74909

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.9

145 30.5 15.4 46.1

