

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042224\
 Data File : VY018009.D
 Acq On : 22 Apr 2024 14:28
 Operator : SY/MD
 Sample : VY0422SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 01:42:05 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	338972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	558669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	482240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	223489	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	155252	52.93	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.86%
35) Dibromofluoromethane	7.716	113	176650	51.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.50%
50) Toluene-d8	10.179	98	690606	52.81	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.62%
62) 4-Bromofluorobenzene	12.483	95	205377	50.71	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.42%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.906	85	51366	19.10	ug/l 96
3) Chloromethane	2.113	50	81793	18.36	ug/l 99
4) Vinyl Chloride	2.253	62	89714	17.86	ug/l 97
5) Bromomethane	2.650	94	64938	19.43	ug/l 93
6) Chloroethane	2.790	64	58565	18.47	ug/l 100
7) Trichlorofluoromethane	3.125	101	105832	18.70	ug/l 96
8) Diethyl Ether	3.528	74	35334	19.76	ug/l 90
9) 1,1,2-Trichlorotrifluo...	3.899	101	67023	19.01	ug/l 99
10) Methyl Iodide	4.088	142	92316	19.69	ug/l 99
11) Tert butyl alcohol	4.948	59	22761	99.63	ug/l # 85
12) 1,1-Dichloroethene	3.869	96	66318	19.38	ug/l 95
13) Acrolein	3.729	56	34797	152.31	ug/l 98
14) Allyl chloride	4.473	41	91232	20.60	ug/l 92
15) Acrylonitrile	5.161	53	70780	97.47	ug/l 99
16) Acetone	3.948	43	53516	92.33	ug/l 97
17) Carbon Disulfide	4.192	76	198116	18.20	ug/l 99
18) Methyl Acetate	4.479	43	28842	18.92	ug/l 94
19) Methyl tert-butyl Ether	5.222	73	140496	18.84	ug/l 100
20) Methylene Chloride	4.710	84	90250	22.98	ug/l 95
21) trans-1,2-Dichloroethene	5.216	96	72928	19.46	ug/l 100
22) Diisopropyl ether	6.119	45	208203	21.45	ug/l 96
23) Vinyl Acetate	6.058	43	574246	99.76	ug/l 97
24) 1,1-Dichloroethane	6.015	63	132325	20.88	ug/l 99
25) 2-Butanone	6.984	43	81244	95.36	ug/l 92
26) 2,2-Dichloropropane	6.984	77	105062	20.66	ug/l 98
27) cis-1,2-Dichloroethene	6.984	96	84906	19.83	ug/l 96
28) Bromochloromethane	7.332	49	55732	22.35	ug/l 90
29) Tetrahydrofuran	7.350	42	51930	96.05	ug/l 91
30) Chloroform	7.509	83	129254	19.95	ug/l 97
31) Cyclohexane	7.783	56	101381	18.08	ug/l 96
32) 1,1,1-Trichloroethane	7.704	97	104481	19.36	ug/l 98
36) 1,1-Dichloropropene	7.917	75	91771	18.31	ug/l 97
37) Ethyl Acetate	7.076	43	37978	18.42	ug/l 98
38) Carbon Tetrachloride	7.905	117	92367	18.24	ug/l 98
39) Methylcyclohexane	9.185	83	106252	16.27	ug/l 93
40) Benzene	8.161	78	302975	19.30	ug/l 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20931	16.09	ug/l	88
42) 1,2-Dichloroethane	8.234	62	67315	18.71	ug/l	99
43) Isopropyl Acetate	8.271	43	68365	17.78	ug/l	99
44) Trichloroethene	8.941	130	73748	18.48	ug/l	98
45) 1,2-Dichloropropane	9.216	63	71451	19.77	ug/l	99
46) Dibromomethane	9.307	93	36606	18.31	ug/l	98
47) Bromodichloromethane	9.496	83	94909	18.92	ug/l	98
48) Methyl methacrylate	9.295	41	31949	18.14	ug/l	94
49) 1,4-Dioxane	9.301	88	7372	323.02	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	184536	90.55	ug/l	97
52) Toluene	10.246	92	184004	19.10	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	85243	18.62	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	105736	18.80	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	50801	18.69	ug/l	95
56) Ethyl methacrylate	10.514	69	60057	16.95	ug/l	95
57) 1,3-Dichloropropane	10.795	76	86396	18.77	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	162992	88.51	ug/l	97
59) 2-Hexanone	10.837	43	124602	89.57	ug/l	95
60) Dibromochloromethane	10.990	129	63554	18.20	ug/l	100
61) 1,2-Dibromoethane	11.093	107	43808	17.30	ug/l	100
64) Tetrachloroethene	10.721	164	62895	18.21	ug/l	97
65) Chlorobenzene	11.520	112	201766	19.09	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	65639	18.83	ug/l	99
67) Ethyl Benzene	11.593	91	334683	18.81	ug/l	100
68) m/p-Xylenes	11.703	106	258746	37.86	ug/l	98
69) o-Xylene	12.032	106	119814	18.77	ug/l	99
70) Styrene	12.044	104	204715	18.98	ug/l	99
71) Bromoform	12.209	173	35687	17.72	ug/l #	97
73) Isopropylbenzene	12.331	105	307212	18.87	ug/l	99
74) N-amyl acetate	12.148	43	59761	18.18	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	55870	18.40	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	68158	32.50	ug/l #	100
77) Bromobenzene	12.611	156	74099	18.80	ug/l	98
78) n-propylbenzene	12.672	91	384097	19.44	ug/l	100
79) 2-Chlorotoluene	12.758	91	216532	19.58	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	249541	19.33	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	18398	18.09	ug/l	98
82) 4-Chlorotoluene	12.861	91	221993	19.38	ug/l	99
83) tert-Butylbenzene	13.081	119	226974	19.25	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	249030	19.37	ug/l	100
85) sec-Butylbenzene	13.258	105	332305	18.76	ug/l	99
86) p-Isopropyltoluene	13.373	119	270069	18.55	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	147015	18.80	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	143534	18.70	ug/l	99
89) n-Butylbenzene	13.703	91	256198	18.71	ug/l	99
90) Hexachloroethane	13.965	117	56686	18.99	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	124762	18.49	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7239	18.53	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	66348	16.89	ug/l	97
94) Hexachlorobutadiene	15.117	225	40777	17.50	ug/l	98
95) Naphthalene	15.239	128	98343	15.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	54849	16.64	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

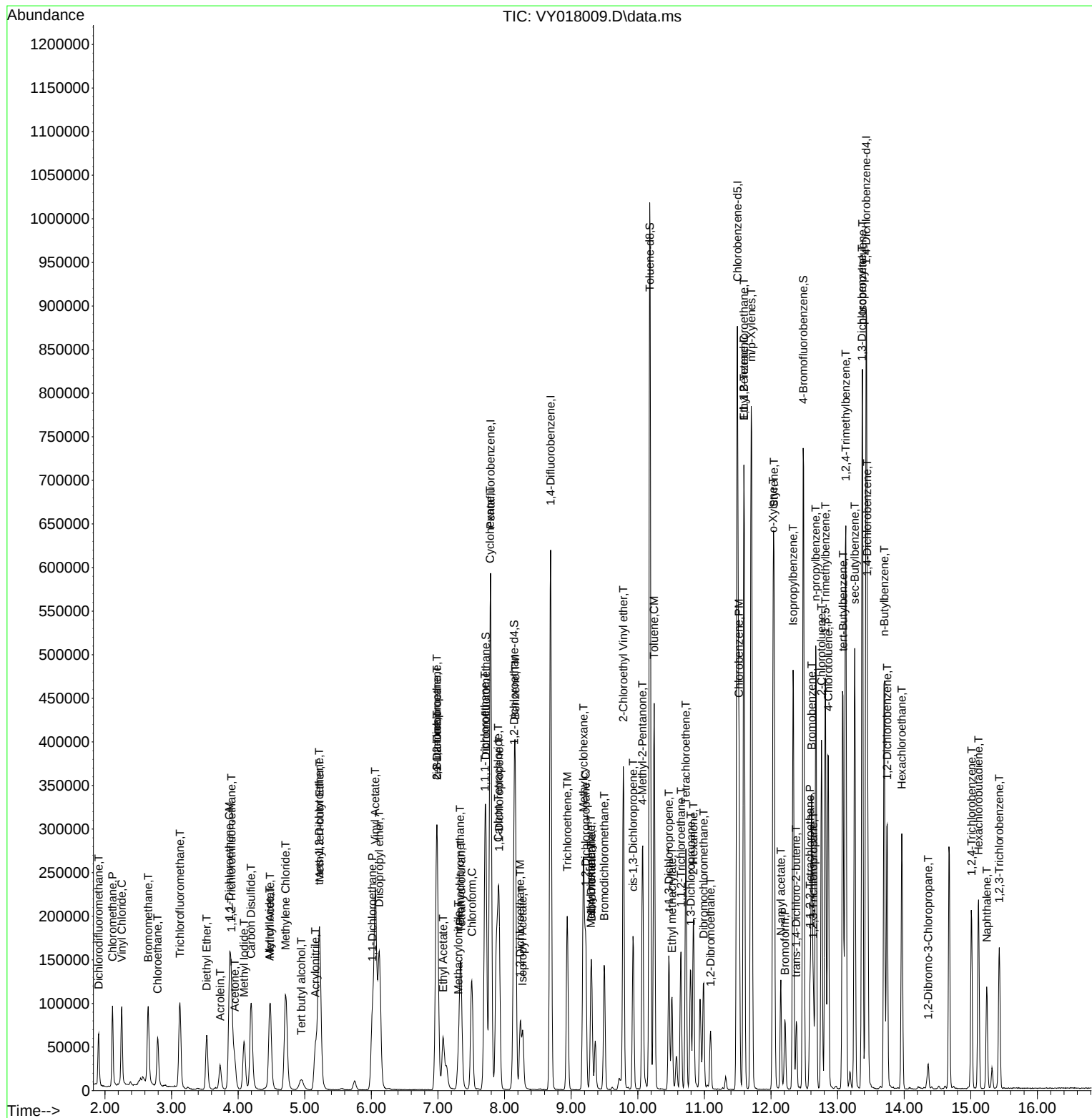
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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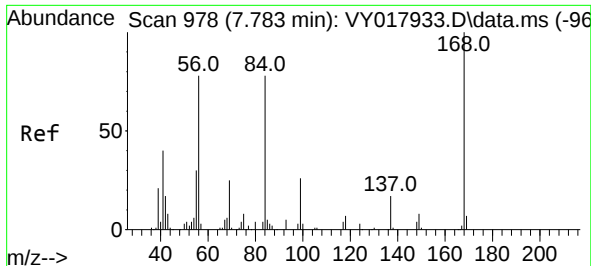
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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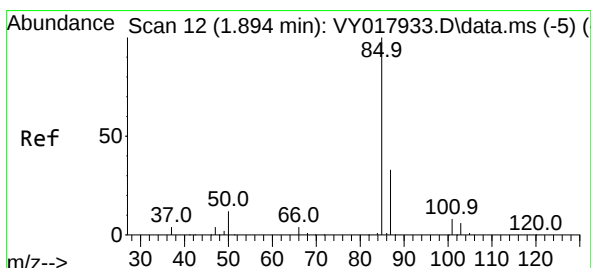
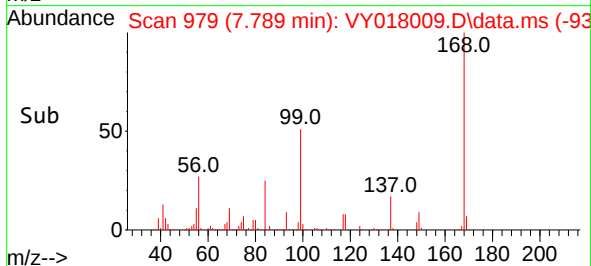
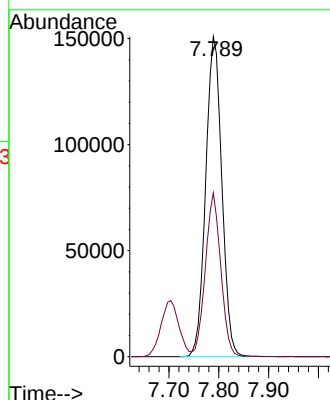
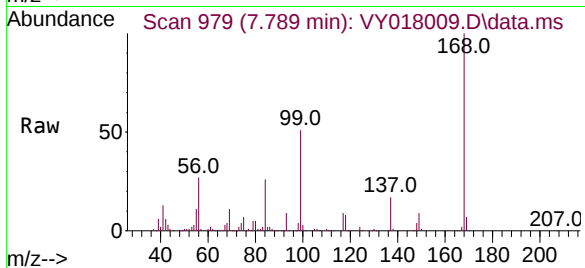




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018009.D
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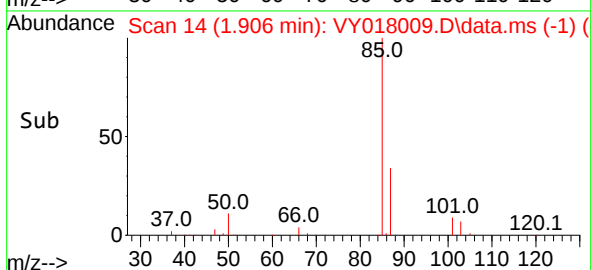
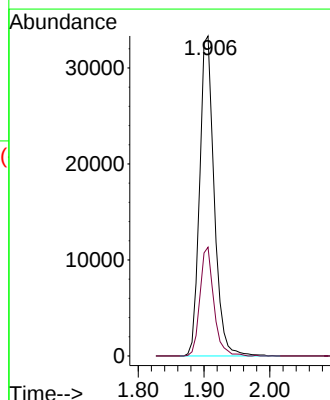
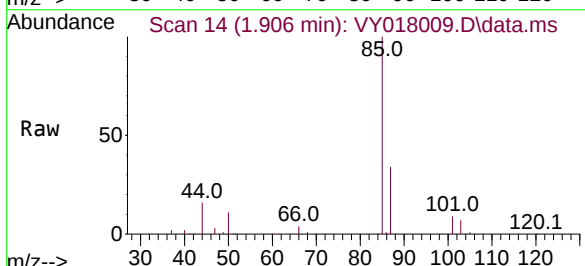
Instrument :
MSVOA_Y
ClientSampleId :

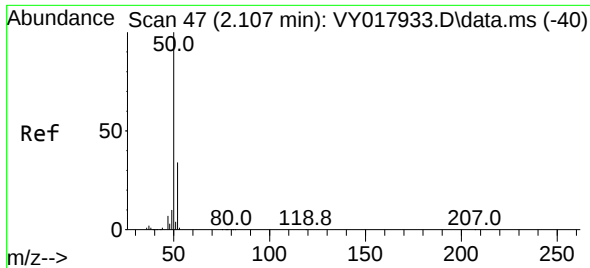
Tgt Ion:168 Resp: 338972
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.10 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion: 85 Resp: 51366
Ion Ratio Lower Upper
85 100
87 34.0 16.0 48.0

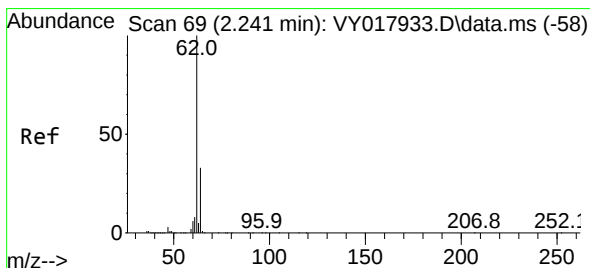
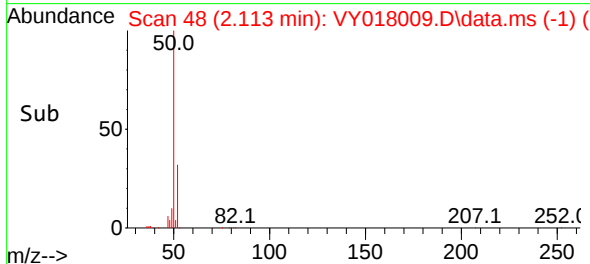
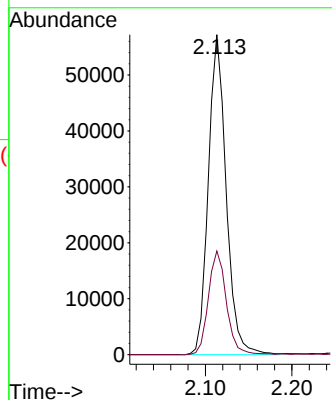
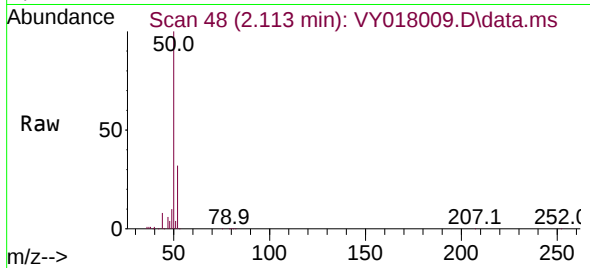




#3
Chloromethane
Concen: 18.36 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

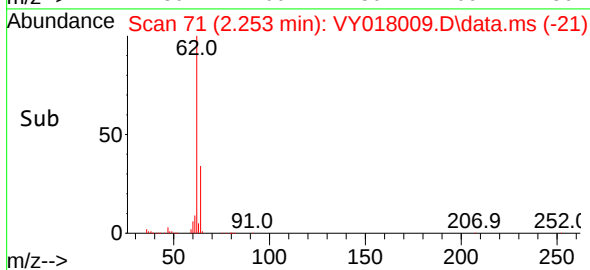
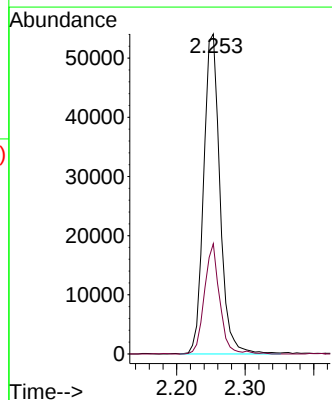
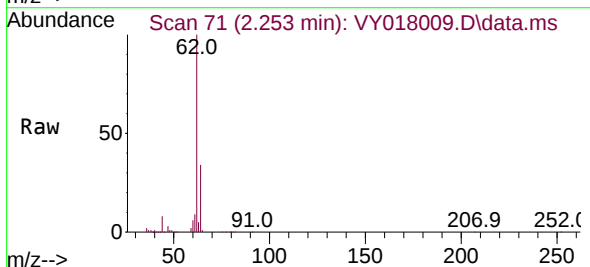
Instrument :
MSVOA_Y
ClientSampleId :

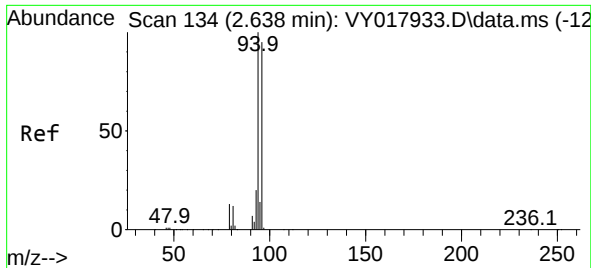
Tgt Ion: 50 Resp: 81793
Ion Ratio Lower Upper
50 100
52 32.4 25.6 38.4



#4
Vinyl Chloride
Concen: 17.86 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion: 62 Resp: 89714
Ion Ratio Lower Upper
62 100
64 34.4 26.1 39.1





#5

Bromomethane

Concen: 19.43 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

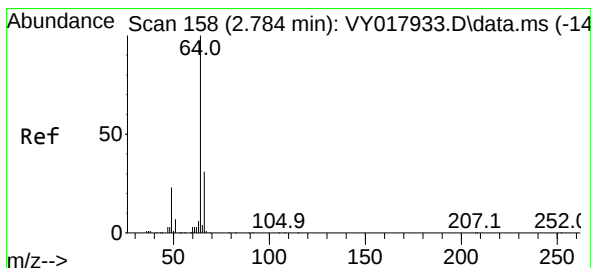
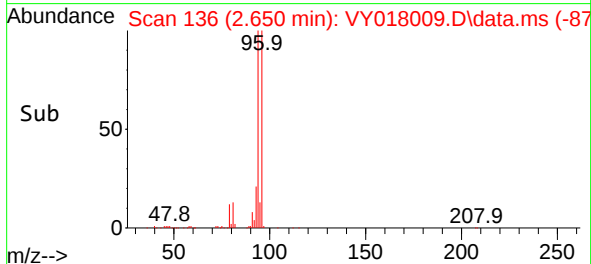
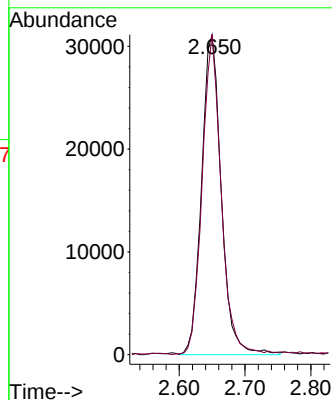
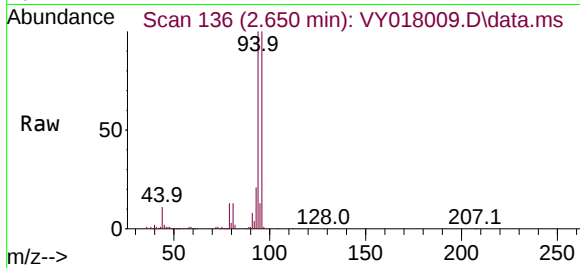
ClientSampleId :

Tgt Ion: 94 Resp: 64938

Ion Ratio Lower Upper

94 100

96 99.7 74.1 111.1



#6

Chloroethane

Concen: 18.47 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.000 min

Lab File: VY018009.D

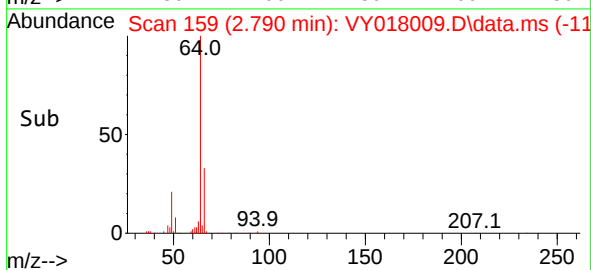
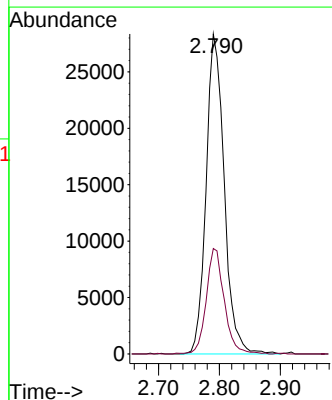
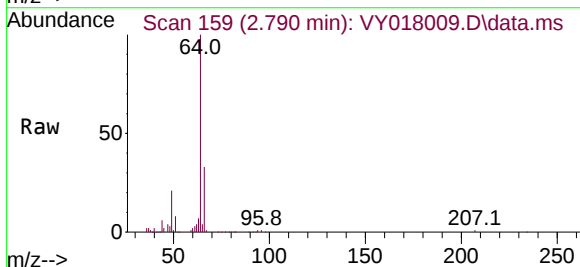
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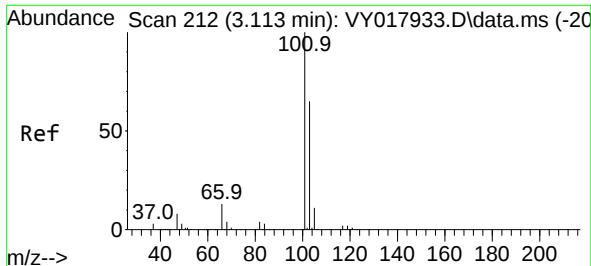
Tgt Ion: 64 Resp: 58565

Ion Ratio Lower Upper

64 100

66 32.8 26.1 39.1

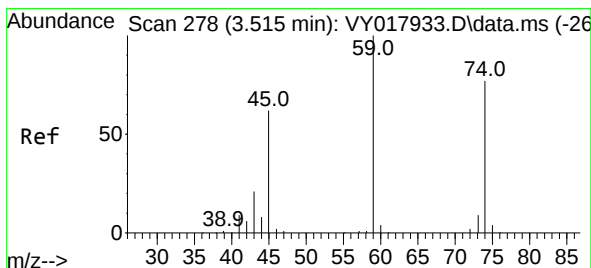
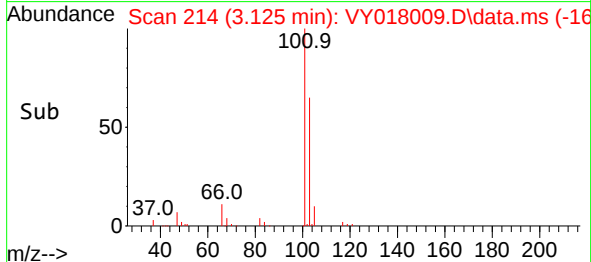
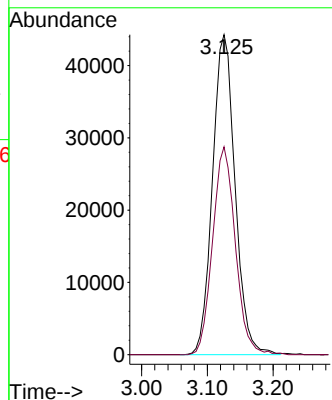
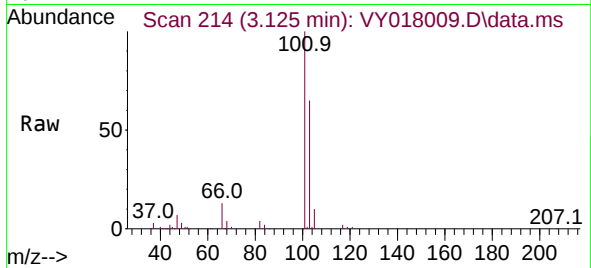




#7
 Trichlorofluoromethane
 Concen: 18.70 ug/l
 RT: 3.125 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY018009.D
 Acq: 22 Apr 2024 14:28

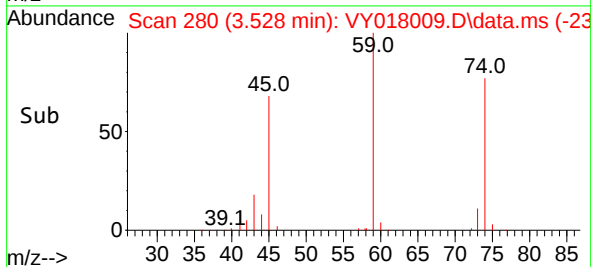
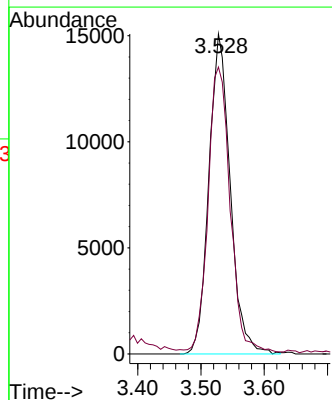
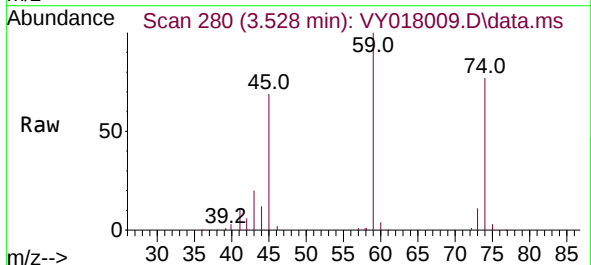
Instrument :
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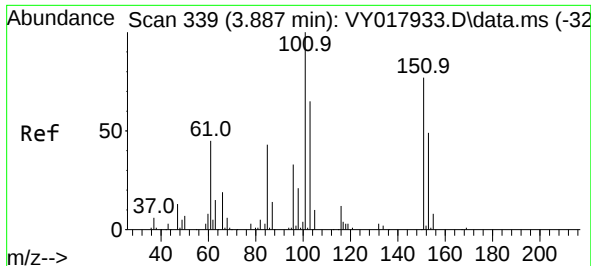
Tgt Ion:101 Resp: 105832
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.76 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY018009.D
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Tgt Ion: 74 Resp: 35334
 Ion Ratio Lower Upper
 74 100
 45 91.7 41.3 124.1

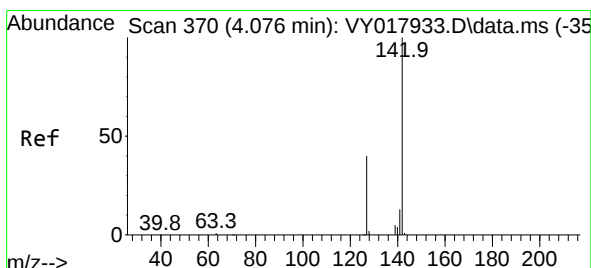
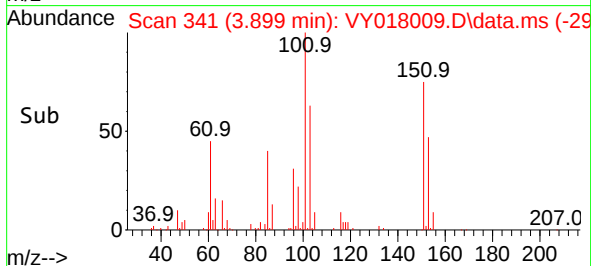
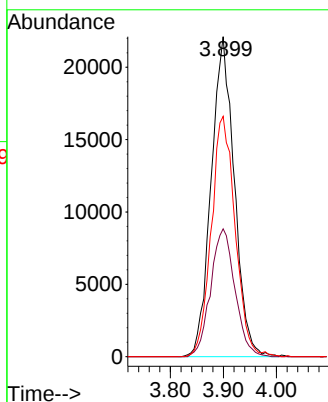
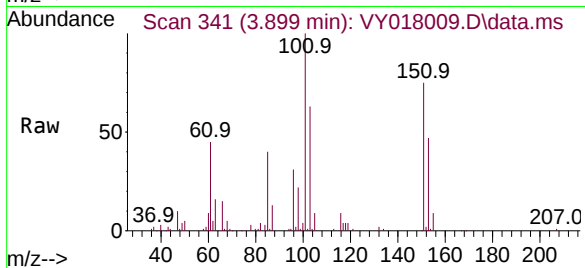




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.01 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

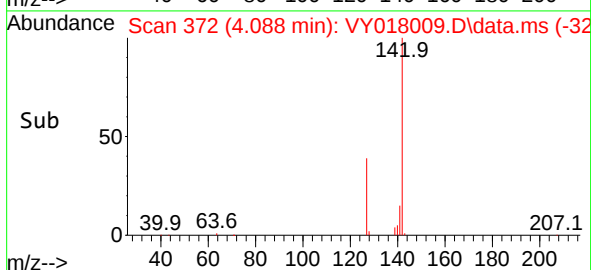
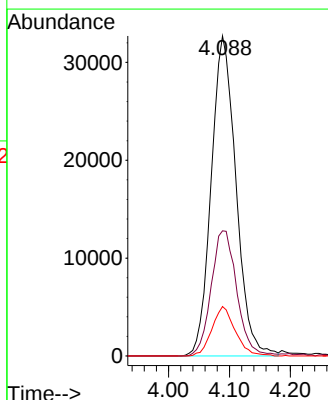
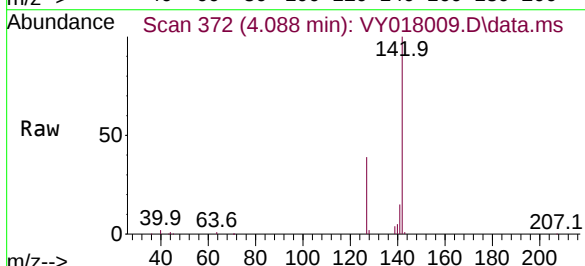
Instrument :
MSVOA_Y
ClientSampleId :

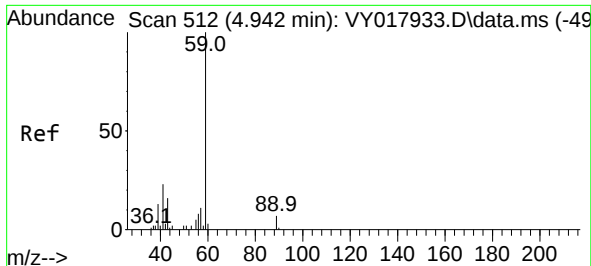
Tgt Ion:101 Resp: 67023
Ion Ratio Lower Upper
101 100
85 41.9 34.5 51.7
151 77.3 61.7 92.5



#10
Methyl Iodide
Concen: 19.69 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion:142 Resp: 92316
Ion Ratio Lower Upper
142 100
127 40.5 32.8 49.2
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 99.63 ug/l

RT: 4.948 min Scan# 512

Delta R.T. -0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

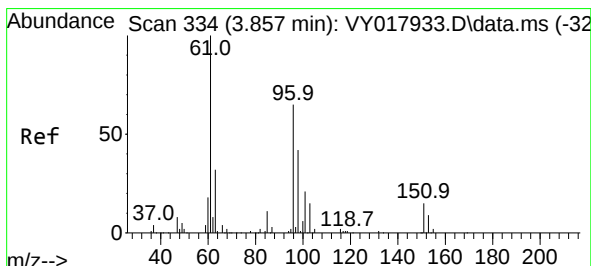
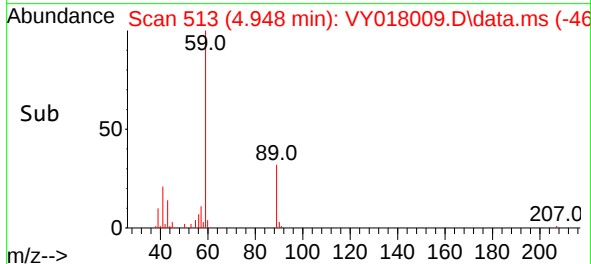
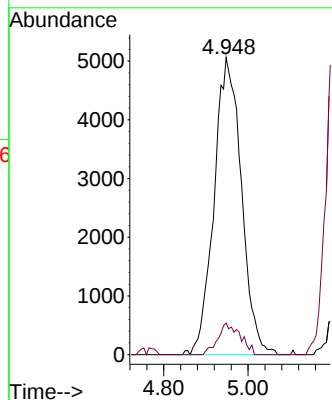
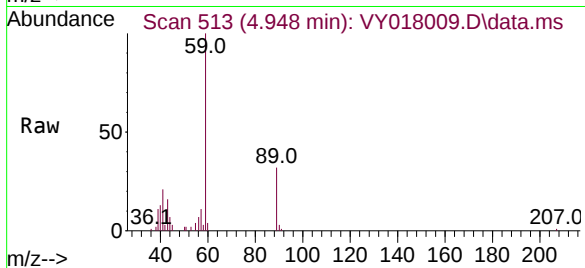
ClientSampleId :

Tgt Ion: 59 Resp: 22761

Ion Ratio Lower Upper

59 100

57 8.6 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 19.38 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

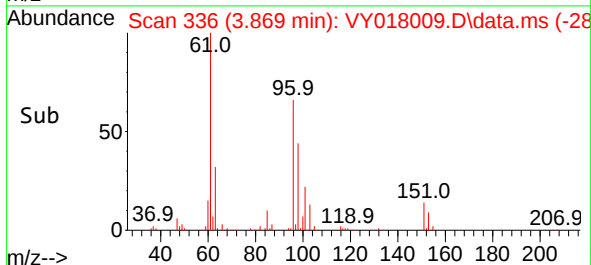
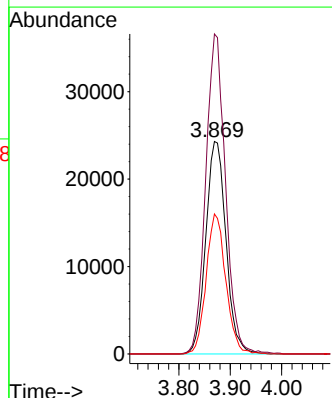
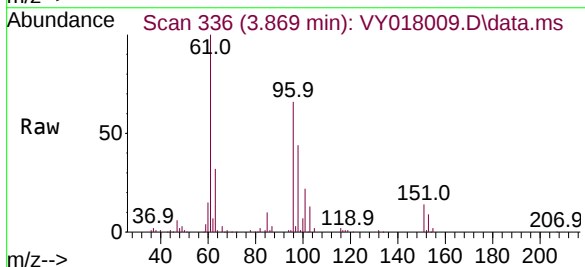
Tgt Ion: 96 Resp: 66318

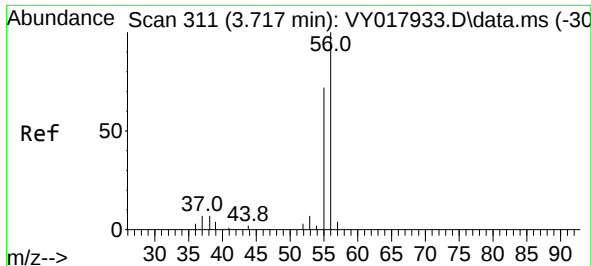
Ion Ratio Lower Upper

96 100

61 150.5 114.6 171.8

98 65.8 50.8 76.2





#13

Acrolein

Concen: 152.31 ug/l

RT: 3.729 min Scan# 311

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

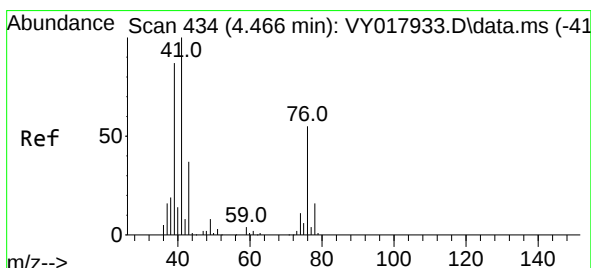
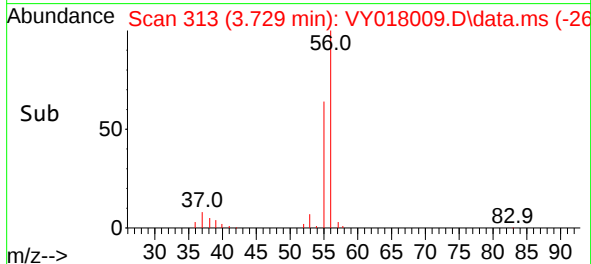
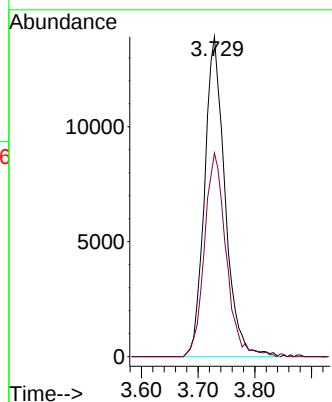
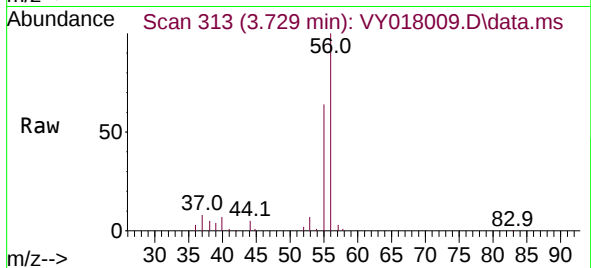
ClientSampleId :

Tgt Ion: 56 Resp: 34797

Ion Ratio Lower Upper

56 100

55 67.7 55.7 83.5



#14

Allyl chloride

Concen: 20.60 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

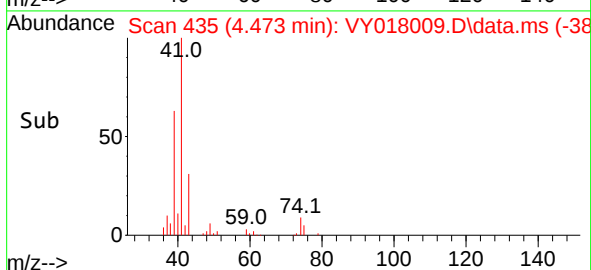
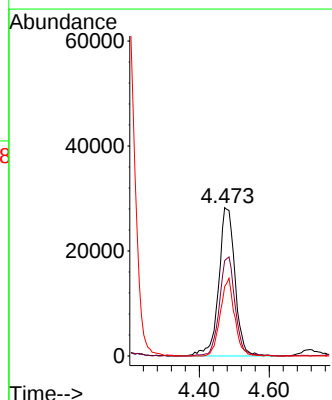
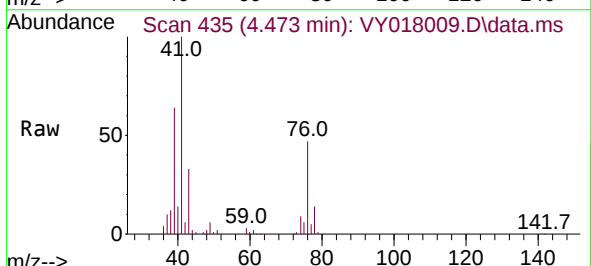
Tgt Ion: 41 Resp: 91232

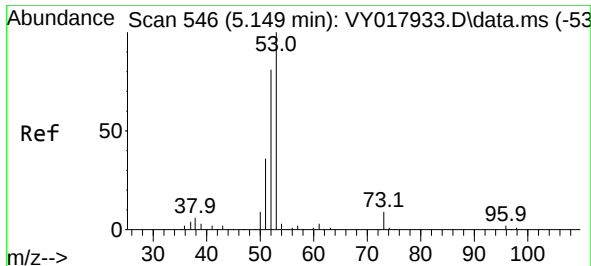
Ion Ratio Lower Upper

41 100

39 64.3 58.3 87.5

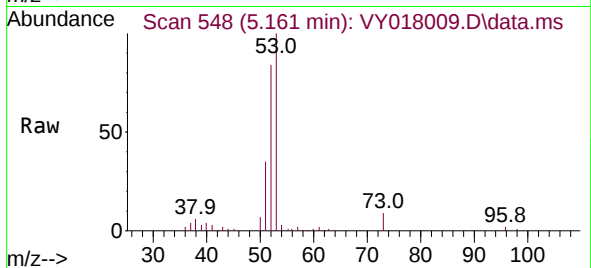
76 45.9 39.0 58.6



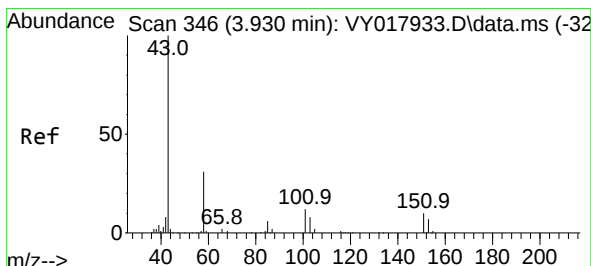
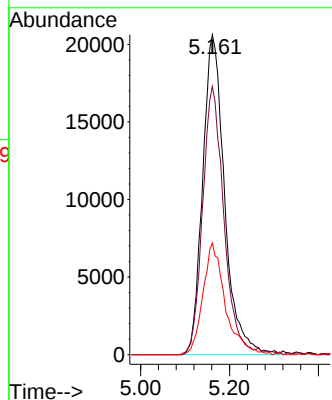
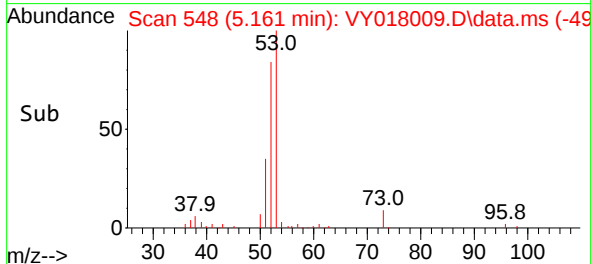


#15
Acrylonitrile
Concen: 97.47 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Instrument :
MSVOA_Y
ClientSampleId :

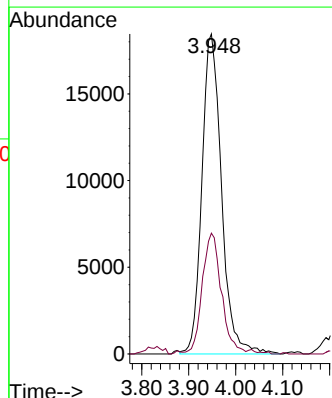
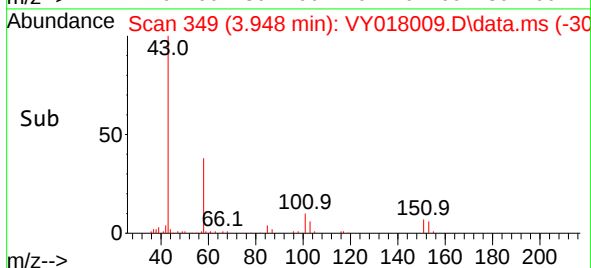
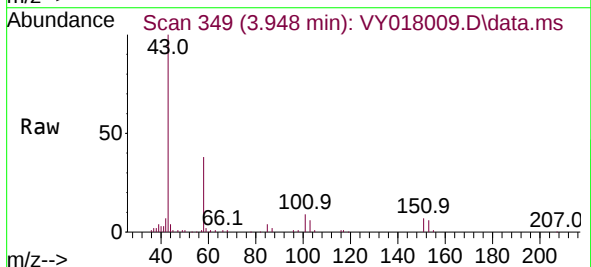


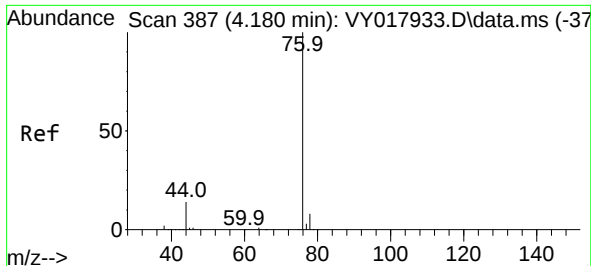
Tgt Ion: 53 Resp: 70780
Ion Ratio Lower Upper
53 100
52 81.9 64.7 97.1
51 35.5 28.4 42.6



#16
Acetone
Concen: 92.33 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion: 43 Resp: 53516
Ion Ratio Lower Upper
43 100
58 37.8 31.7 47.5





#17

Carbon Disulfide

Concen: 18.20 ug/l

RT: 4.192 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

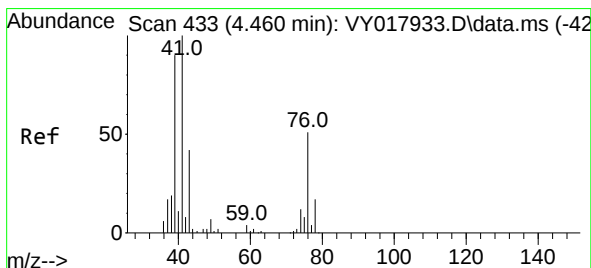
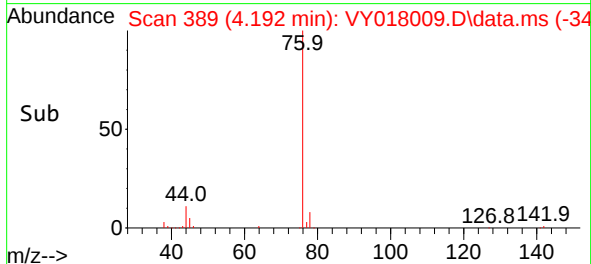
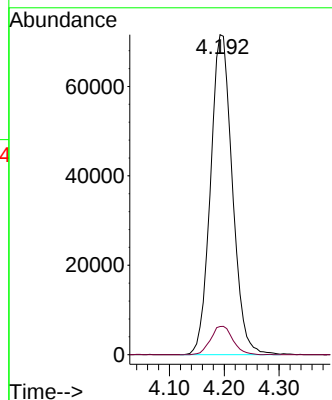
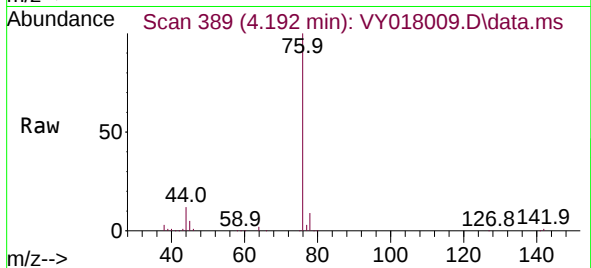
ClientSampleId :

Tgt Ion: 76 Resp: 198116

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2



#18

Methyl Acetate

Concen: 18.92 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY018009.D

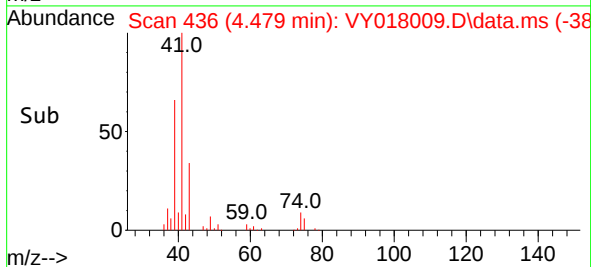
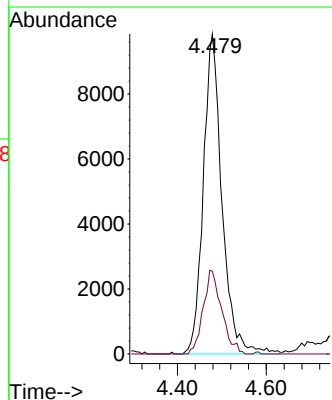
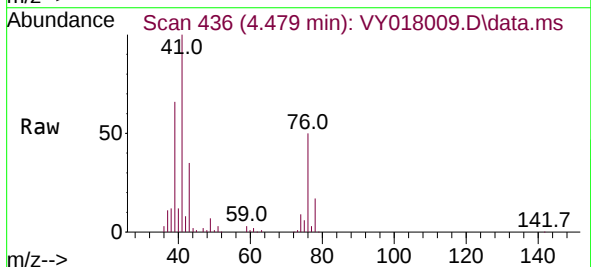
Acq: 22 Apr 2024 14:28

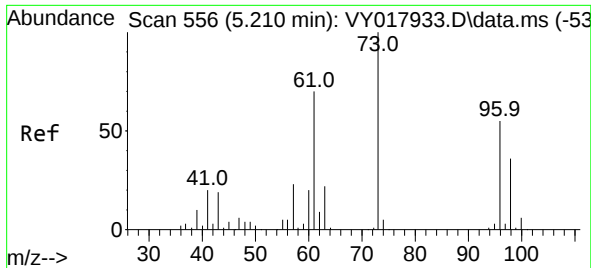
Tgt Ion: 43 Resp: 28842

Ion Ratio Lower Upper

43 100

74 25.9 23.3 34.9

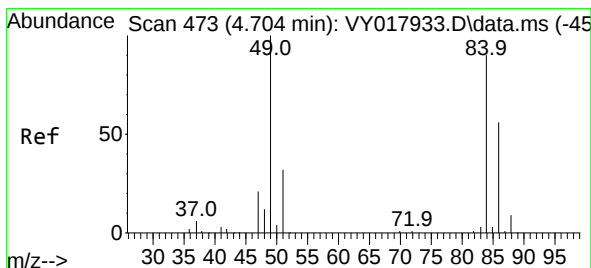
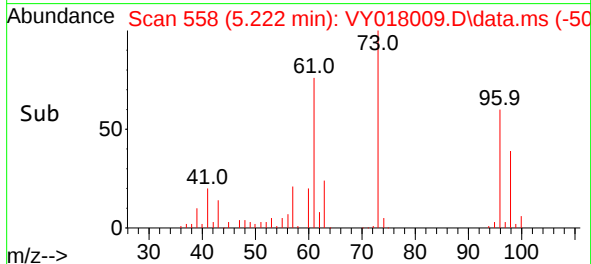
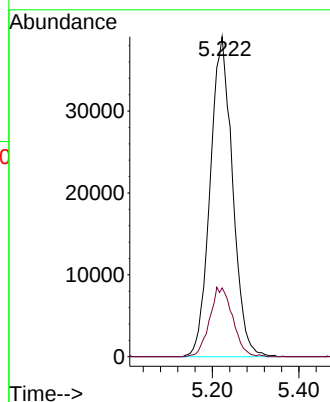
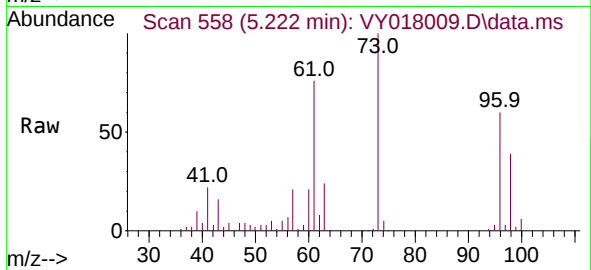




#19
Methyl tert-butyl Ether
Concen: 18.84 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

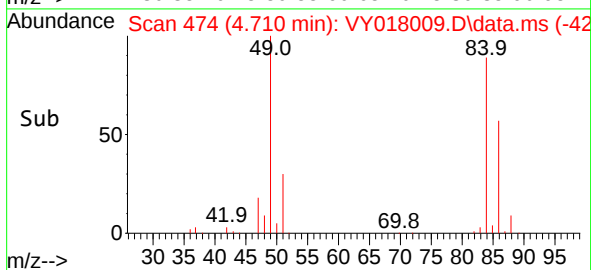
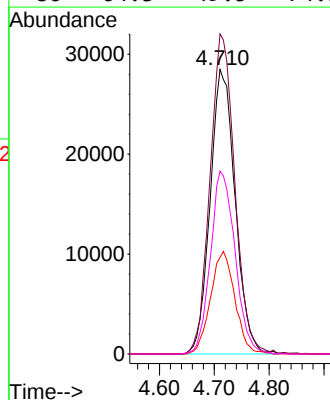
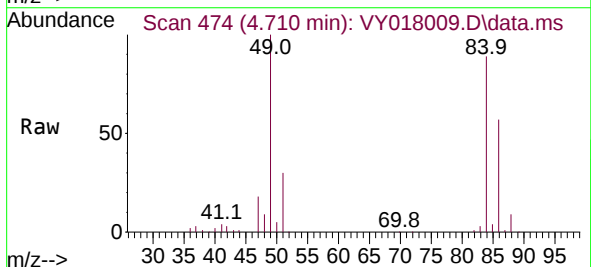
Instrument :
MSVOA_Y
ClientSampleId :

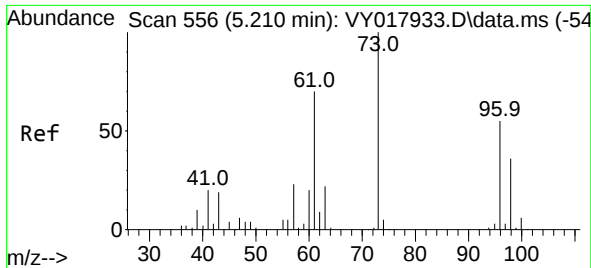
Tgt Ion: 73 Resp: 140496
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 22.98 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

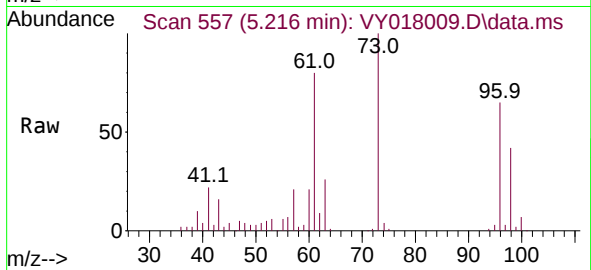
Tgt Ion: 84 Resp: 90250
Ion Ratio Lower Upper
84 100
49 112.5 84.4 126.6
51 33.9 26.0 39.0
86 64.3 49.5 74.3





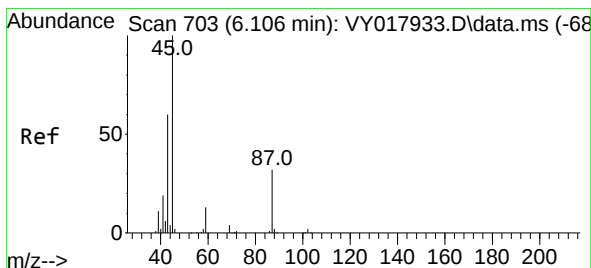
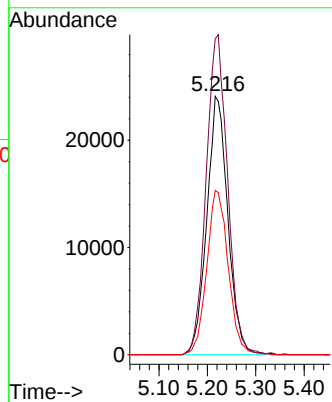
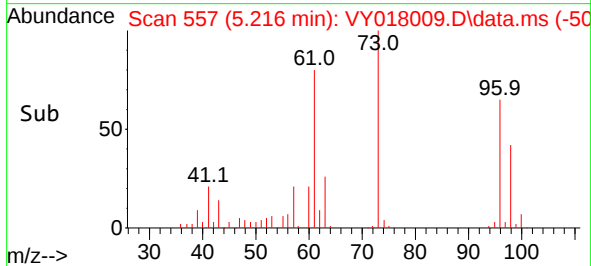
#21
trans-1,2-Dichloroethene
Concen: 19.46 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 96 Resp: 72928

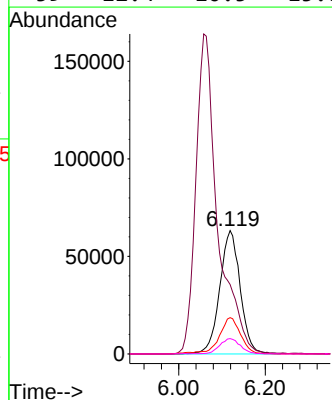
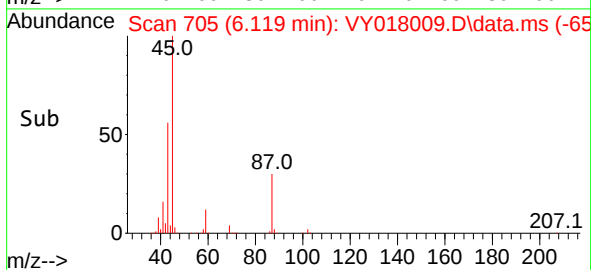
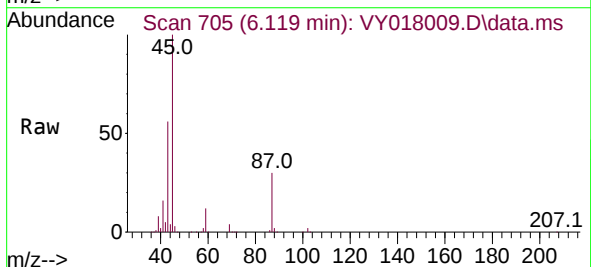
Ion	Ratio	Lower	Upper
96	100		
61	122.2	97.5	146.3
98	63.6	50.5	75.7

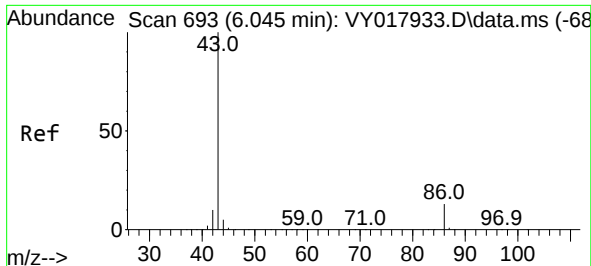


#22
Diisopropyl ether
Concen: 21.45 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion: 45 Resp: 208203

Ion	Ratio	Lower	Upper
45	100		
43	55.7	42.2	63.2
87	29.5	25.0	37.6
59	12.4	10.5	15.7

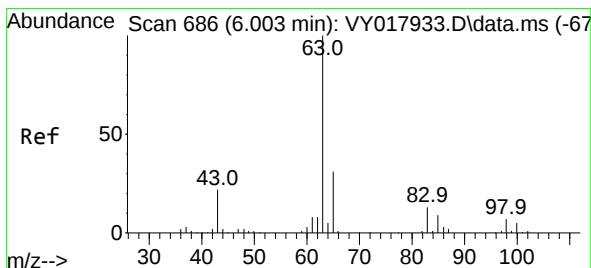
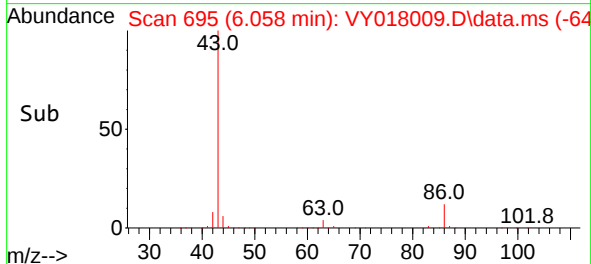
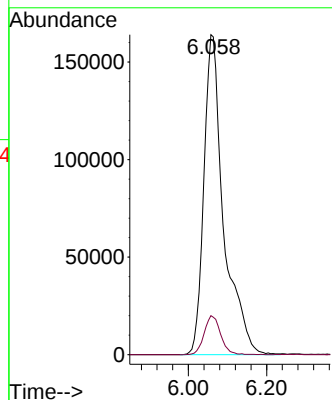
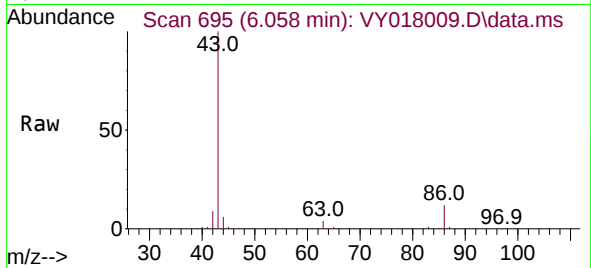




#23
 Vinyl Acetate
 Concen: 99.76 ug/l
 RT: 6.058 min Scan# 693
 Delta R.T. -0.006 min
 Lab File: VY018009.D
 Acq: 22 Apr 2024 14:28

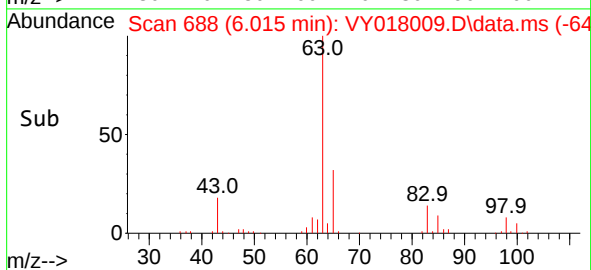
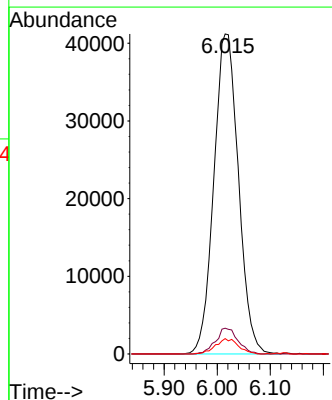
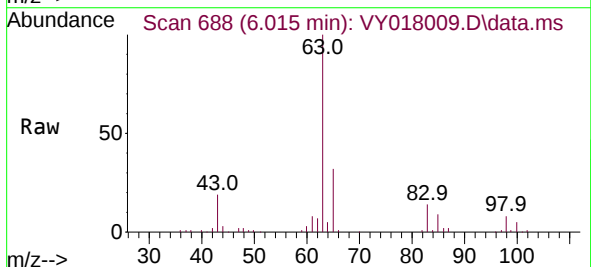
Instrument :
 MSVOA_Y
 ClientSampleId :

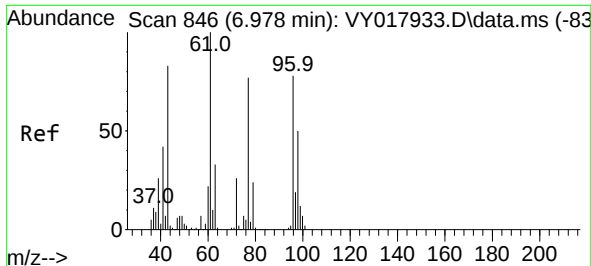
Tgt Ion: 43 Resp: 574246
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.88 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY018009.D
 Acq: 22 Apr 2024 14:28

Tgt Ion: 63 Resp: 132325
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 4.8 2.6 8.0





#25

2-Butanone

Concen: 95.36 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

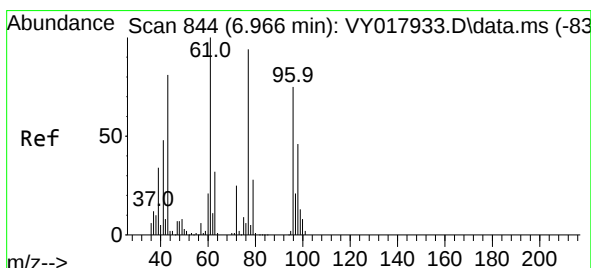
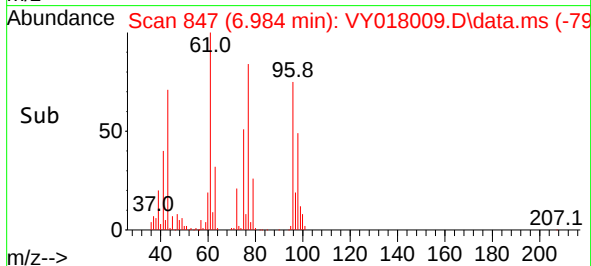
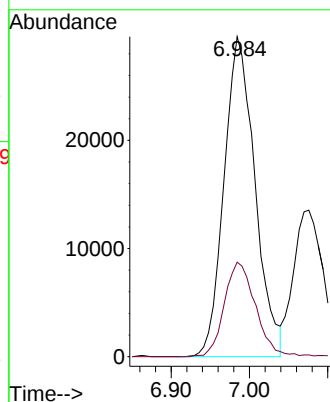
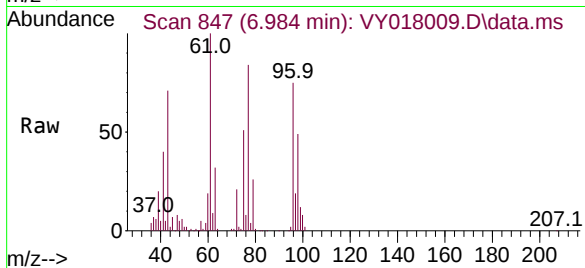
ClientSampleId :

Tgt Ion: 43 Resp: 81244

Ion Ratio Lower Upper

43 100

72 29.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 20.66 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY018009.D

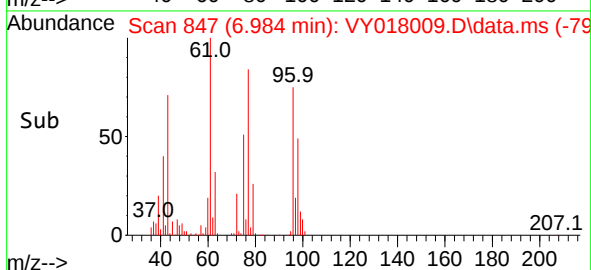
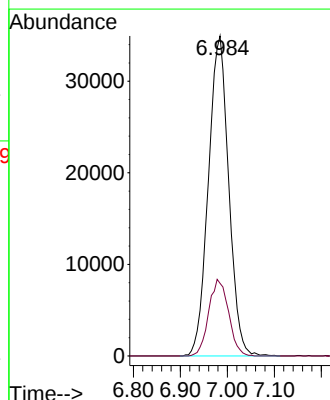
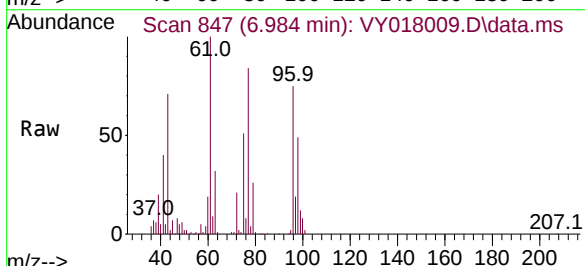
Acq: 22 Apr 2024 14:28

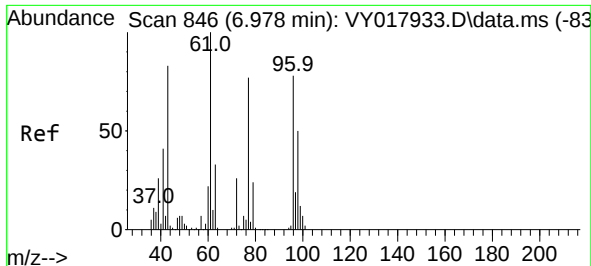
Tgt Ion: 77 Resp: 105062

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.83 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

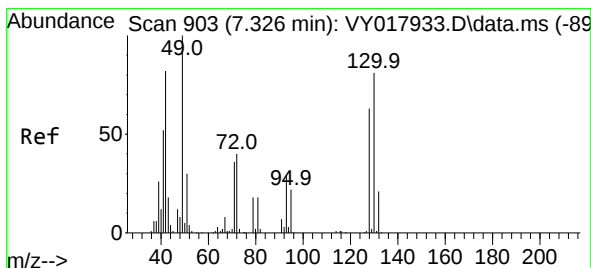
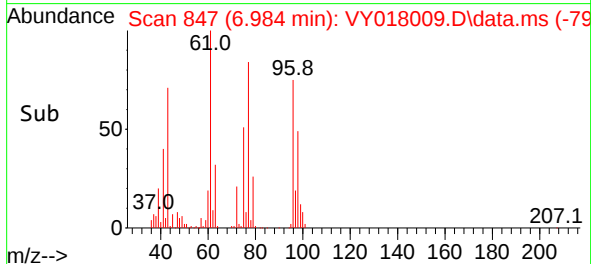
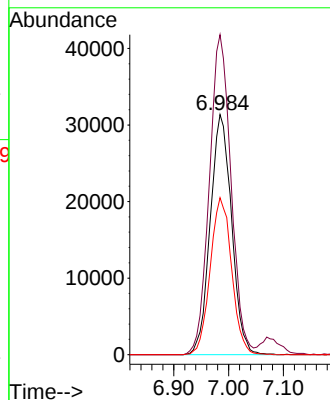
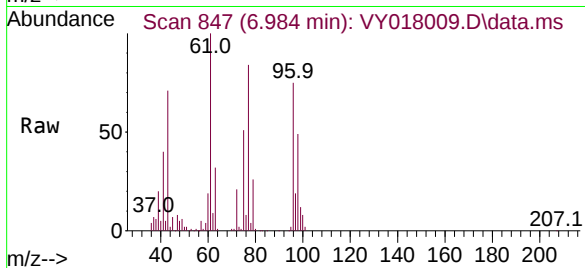
Tgt Ion: 96 Resp: 84906

Ion Ratio Lower Upper

96 100

61 134.8 0.0 256.2

98 65.5 0.0 130.0



#28

Bromochloromethane

Concen: 22.35 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

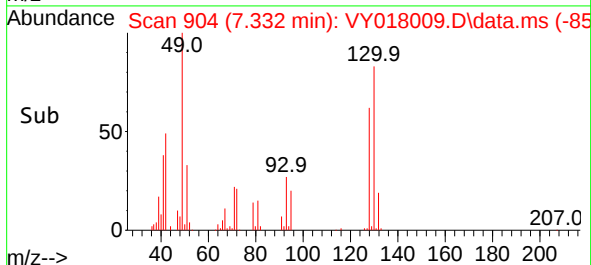
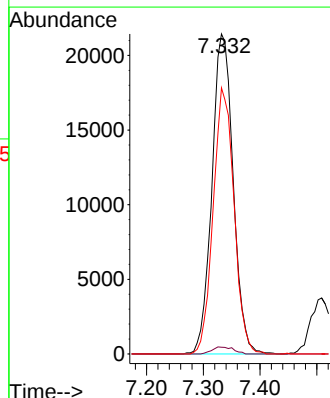
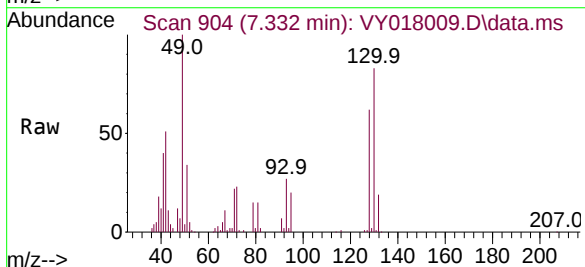
Tgt Ion: 49 Resp: 55732

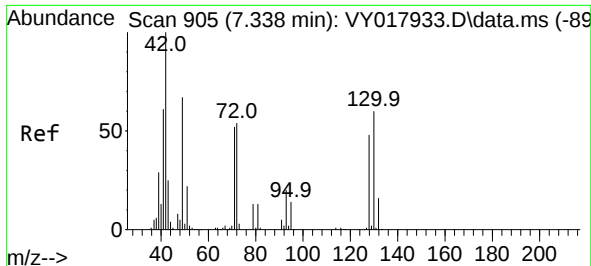
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 81.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 96.05 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

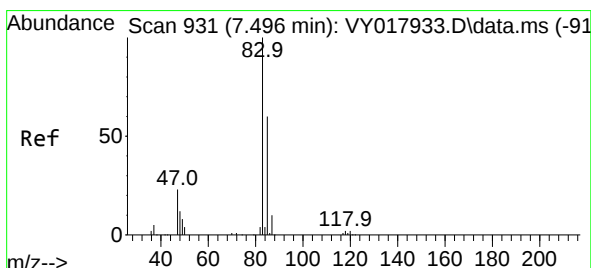
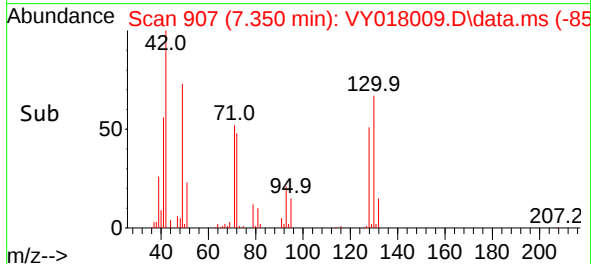
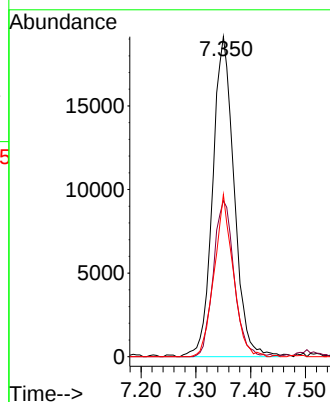
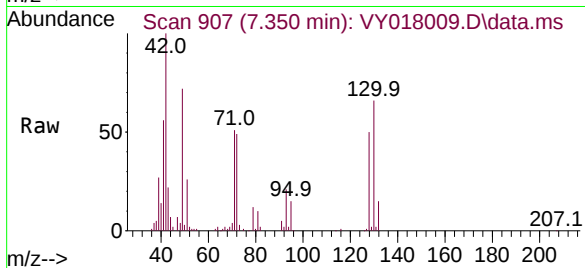
Tgt Ion: 42 Resp: 51930

Ion Ratio Lower Upper

42 100

72 47.4 43.0 64.4

71 44.8 40.8 61.2



#30

Chloroform

Concen: 19.95 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY018009.D

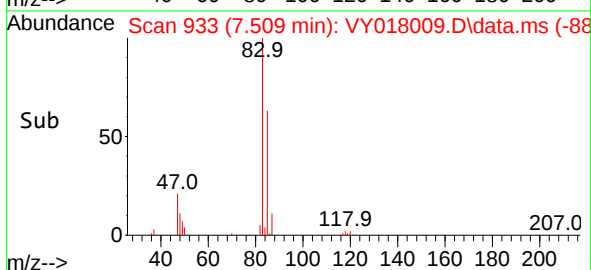
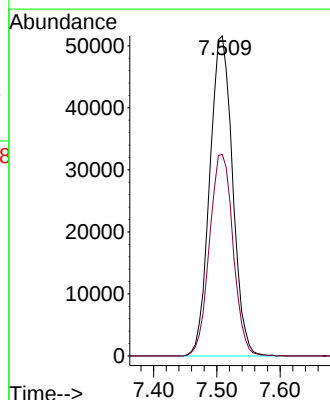
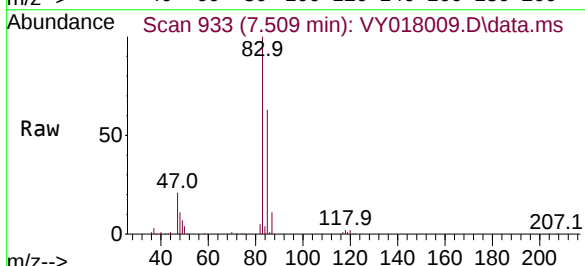
Acq: 22 Apr 2024 14:28

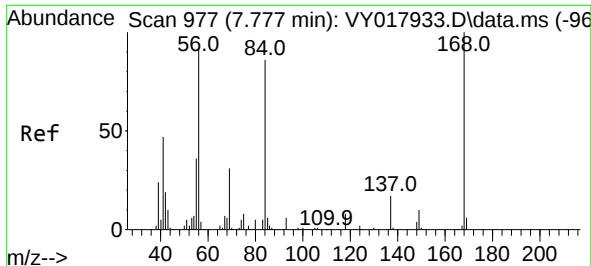
Tgt Ion: 83 Resp: 129254

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.4

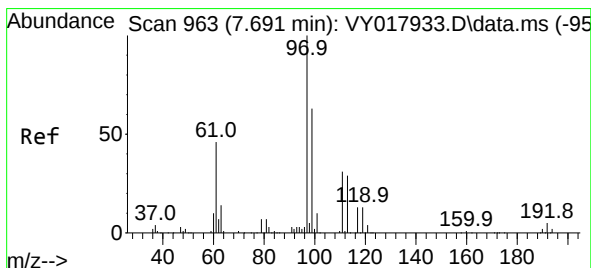
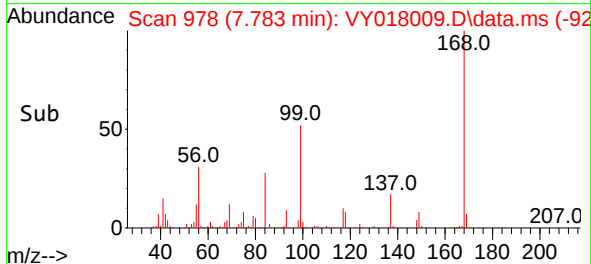
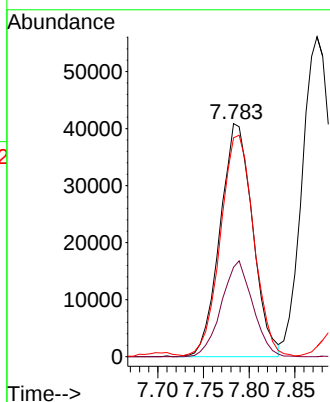
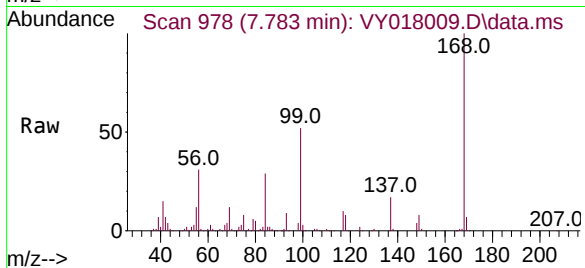




#31
Cyclohexane
Concen: 18.08 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

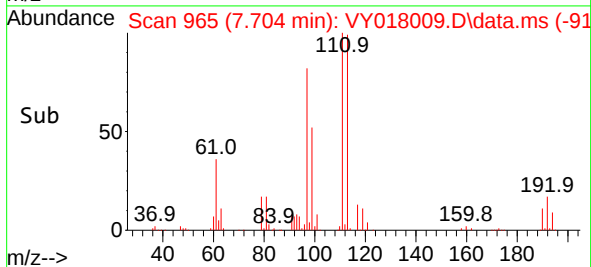
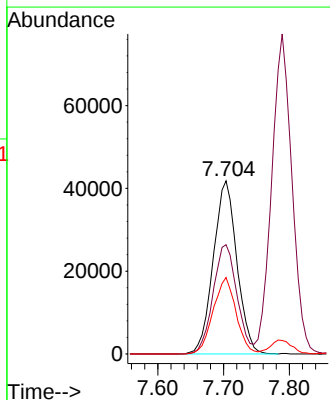
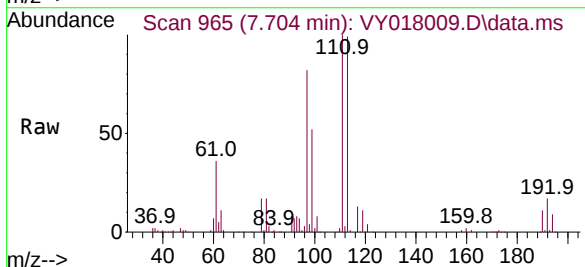
Instrument :
MSVOA_Y
ClientSampleId :

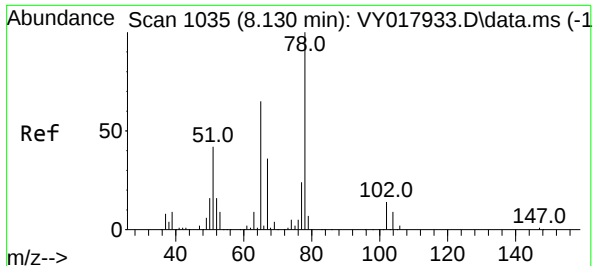
Tgt Ion: 56 Resp: 101381
Ion Ratio Lower Upper
56 100
69 38.4 28.7 43.1
84 93.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.36 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion: 97 Resp: 104481
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 43.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.93 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

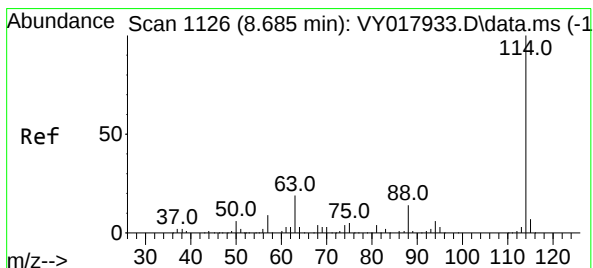
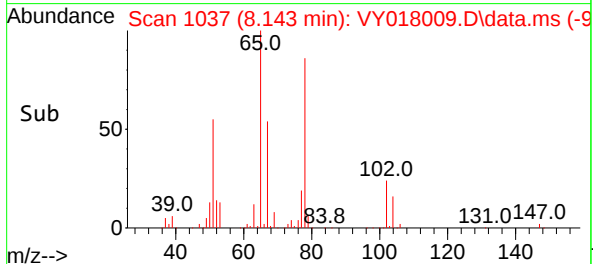
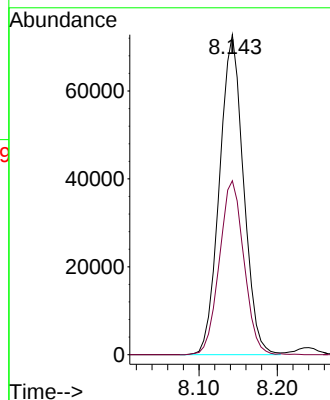
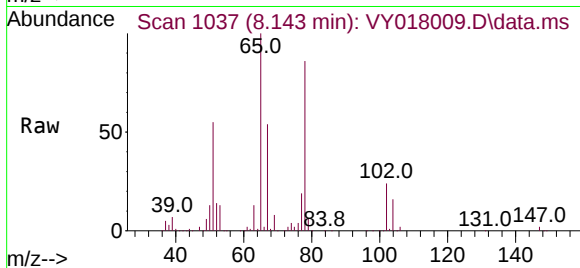
ClientSampleId :

Tgt Ion: 65 Resp: 155252

Ion Ratio Lower Upper

65 100

67 55.4 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: VY018009.D

Acq: 22 Apr 2024 14:28

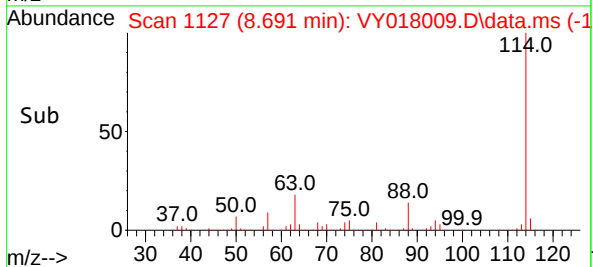
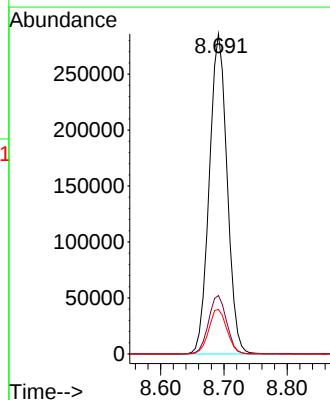
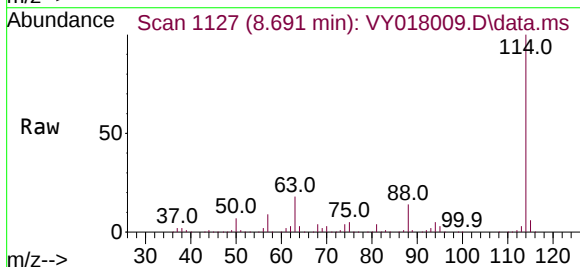
Tgt Ion: 114 Resp: 558669

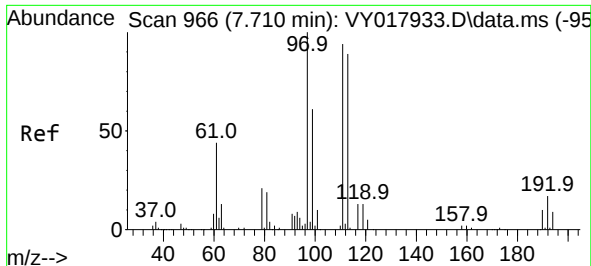
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 13.9 0.0 27.2

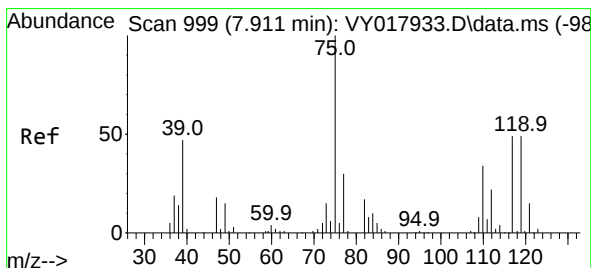
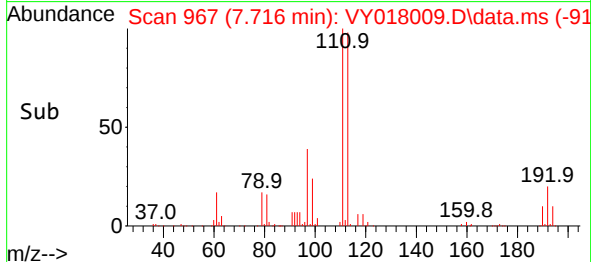
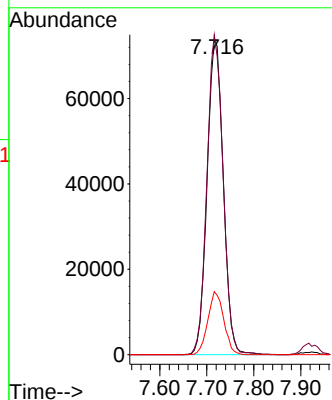
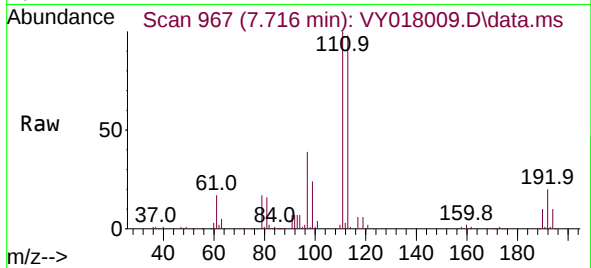




#35
Dibromofluoromethane
Concen: 51.25 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

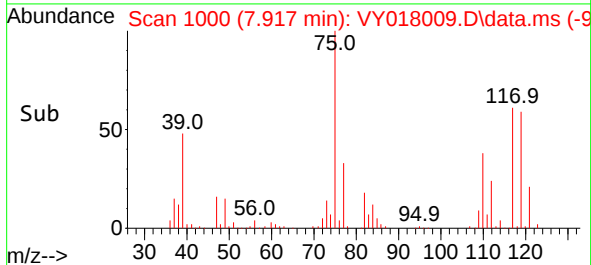
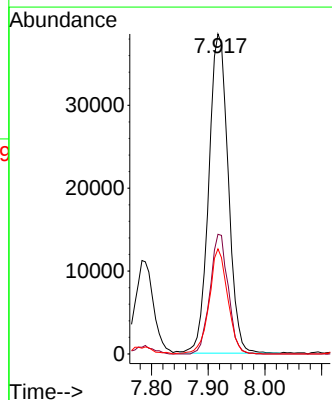
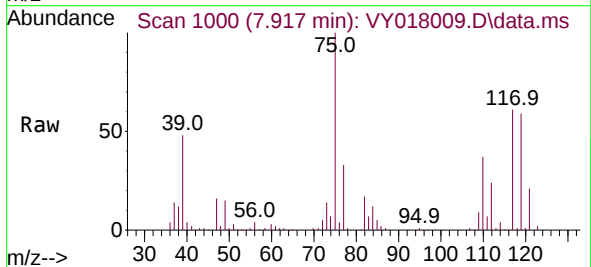
Instrument :
MSVOA_Y
ClientSampleId :

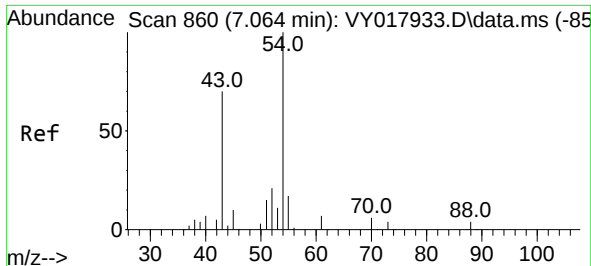
Tgt Ion:113 Resp: 176650
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 19.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.31 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion: 75 Resp: 91771
Ion Ratio Lower Upper
75 100
110 34.9 19.0 57.0
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 18.42 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

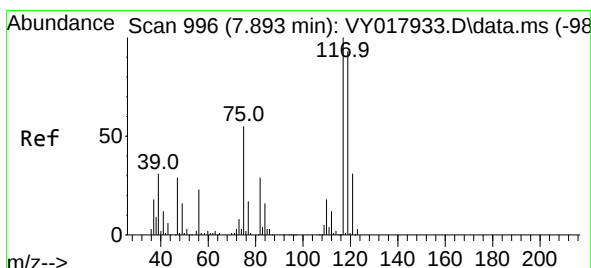
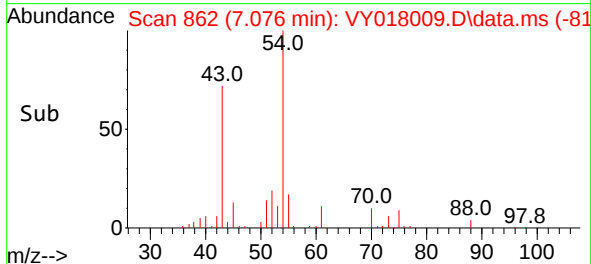
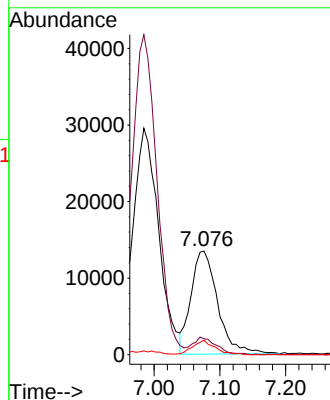
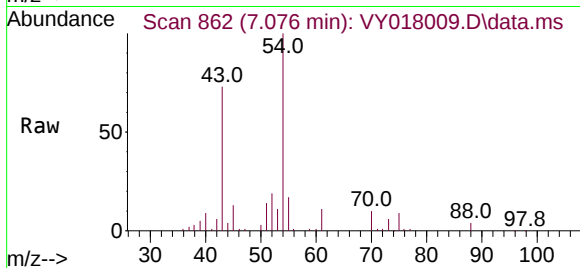
Tgt Ion: 43 Resp: 37978

Ion Ratio Lower Upper

43 100

61 15.4 12.6 19.0

70 11.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.24 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

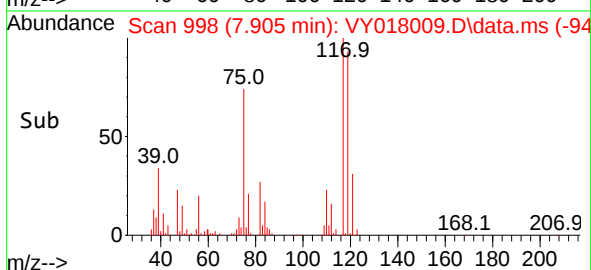
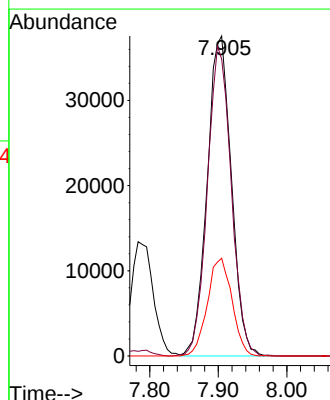
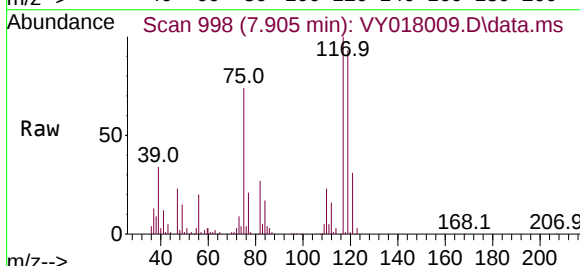
Tgt Ion:117 Resp: 92367

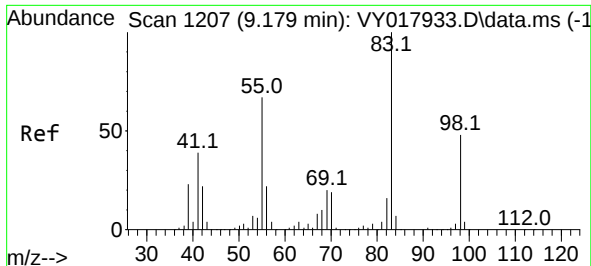
Ion Ratio Lower Upper

117 100

119 92.8 75.8 113.6

121 30.5 24.0 36.0





#39

Methylcyclohexane

Concen: 16.27 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

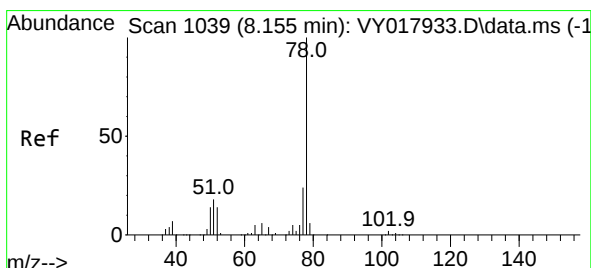
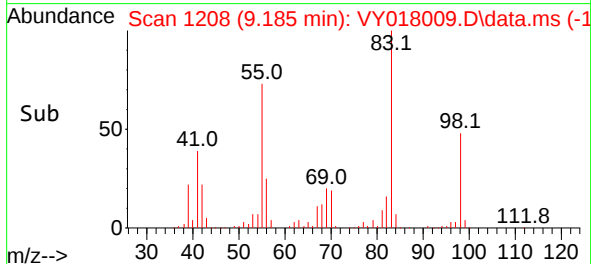
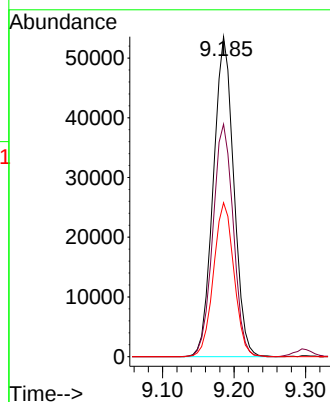
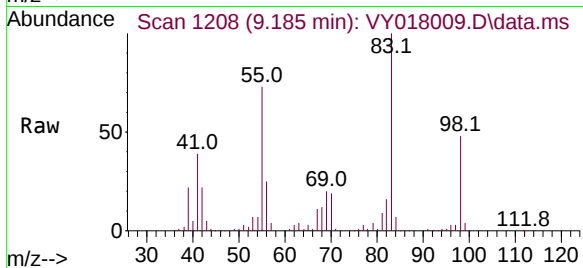
Tgt Ion: 83 Resp: 106252

Ion Ratio Lower Upper

83 100

55 72.6 51.5 77.3

98 48.1 40.5 60.7



#40

Benzene

Concen: 19.30 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY018009.D

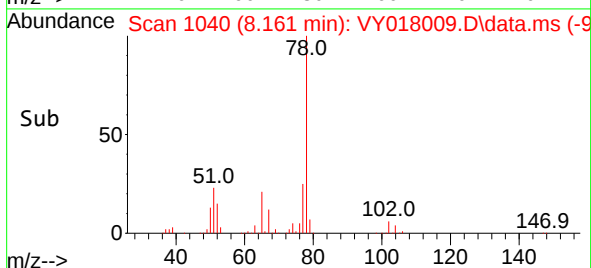
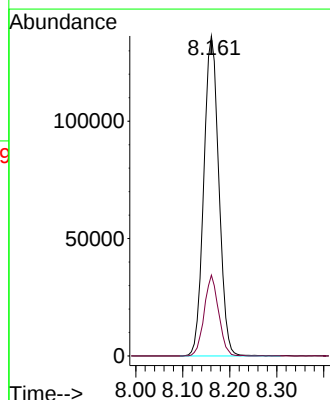
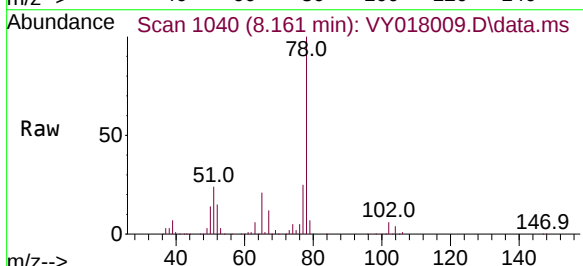
Acq: 22 Apr 2024 14:28

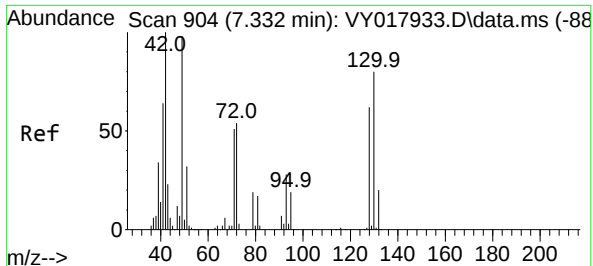
Tgt Ion: 78 Resp: 302975

Ion Ratio Lower Upper

78 100

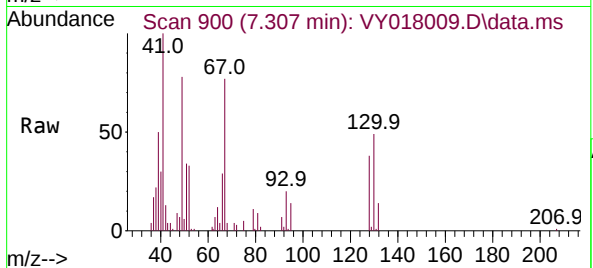
77 25.2 19.5 29.3



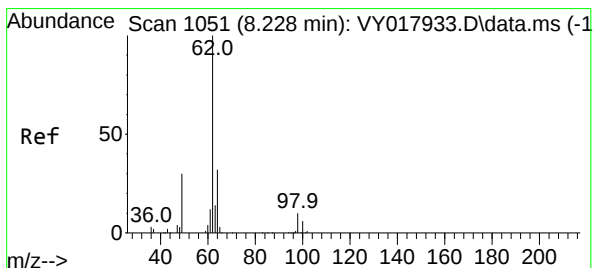
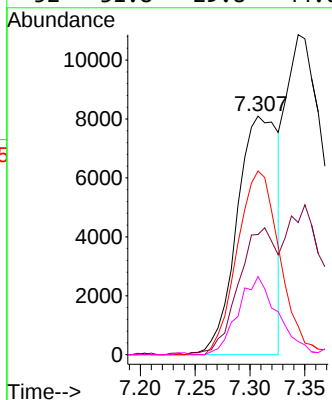
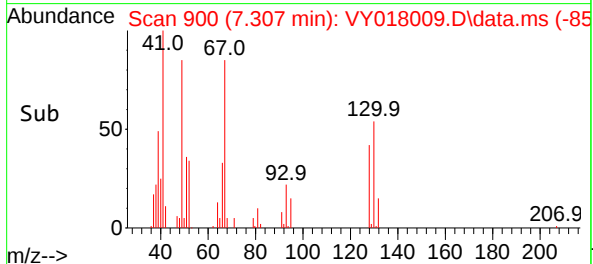


#41
Methacrylonitrile
Concen: 16.09 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Instrument :
MSVOA_Y
ClientSampleId :

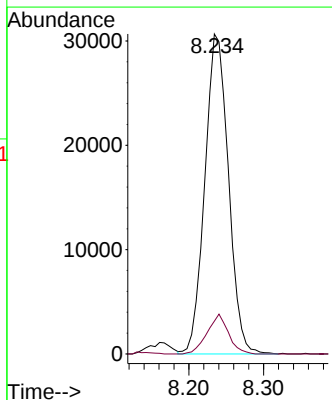
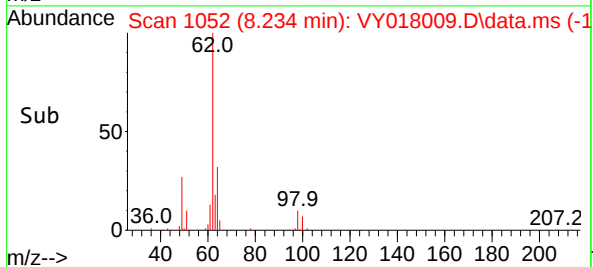
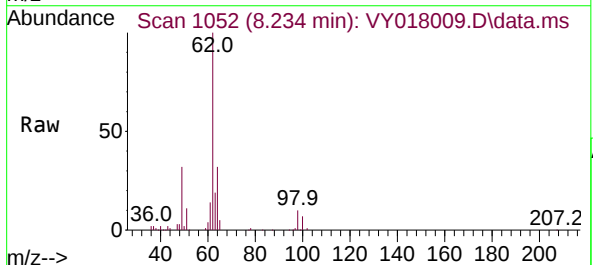


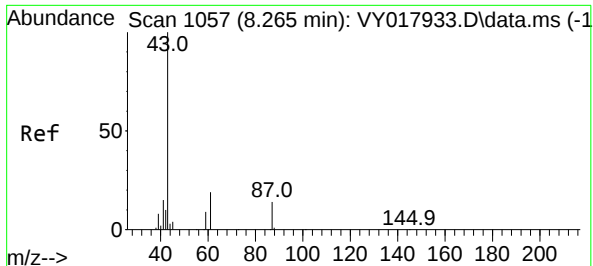
Tgt Ion:	41	Resp:	20931
Ion	Ratio	Lower	Upper
41	100		
39	49.8	48.0	72.0
67	81.1	75.1	112.7
52	31.8	29.8	44.6



#42
1,2-Dichloroethane
Concen: 18.71 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion:	62	Resp:	67315
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.0





#43

Isopropyl Acetate

Concen: 17.78 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY018009.D

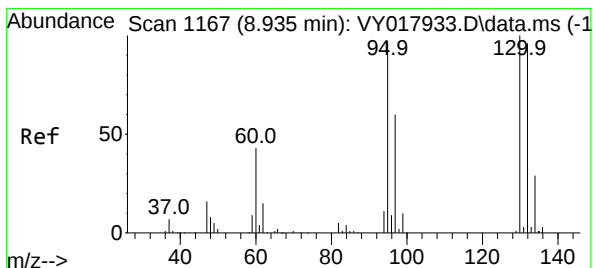
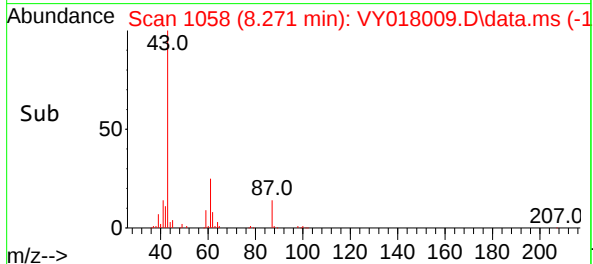
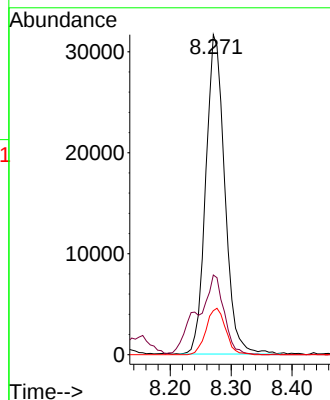
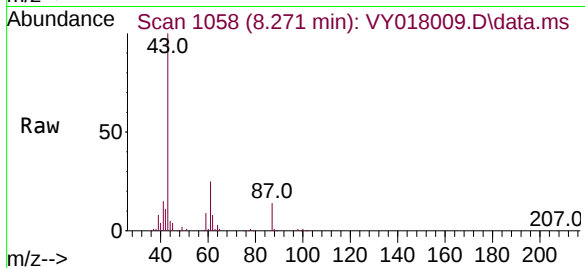
Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	68365
Ion	Ratio	Lower	Upper
43	100		
61	35.2	27.9	41.9
87	15.0	13.1	19.7



#44

Trichloroethene

Concen: 18.48 ug/l

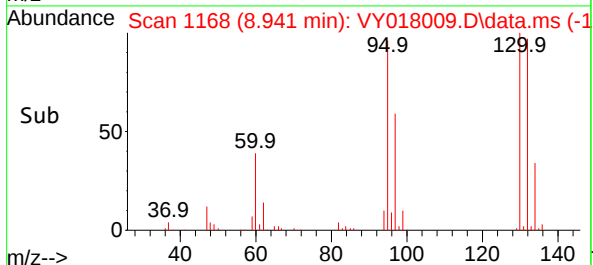
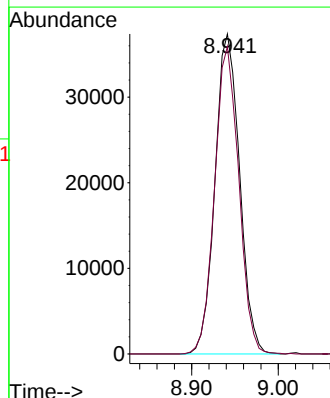
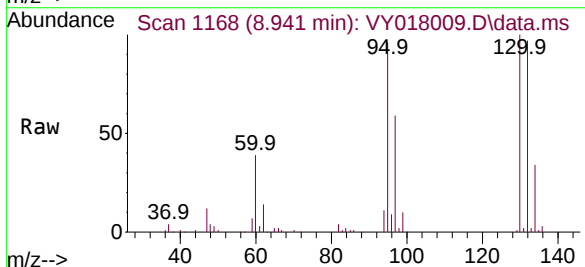
RT: 8.941 min Scan# 1168

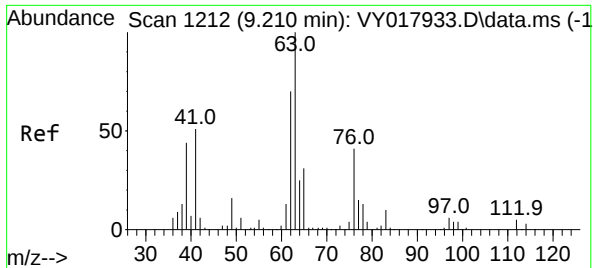
Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Tgt Ion:	130	Resp:	73748
Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	188.0





#45

1,2-Dichloropropane

Concen: 19.77 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

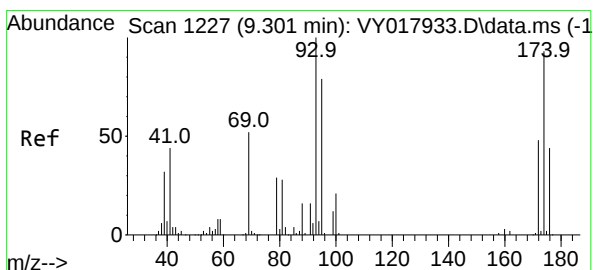
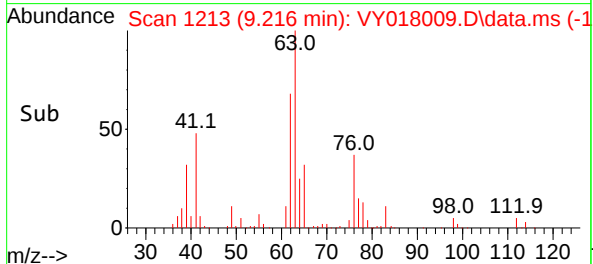
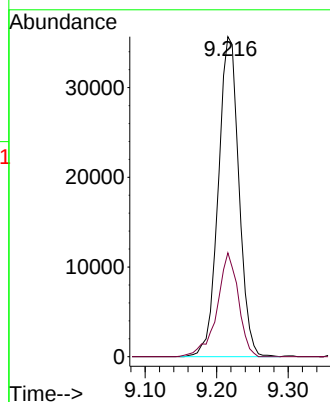
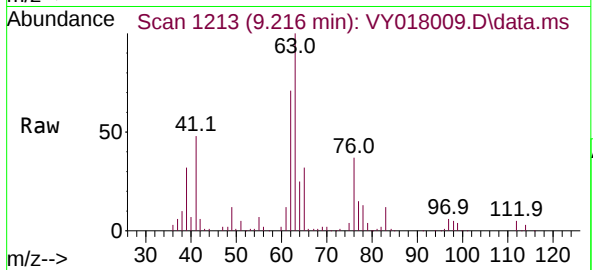
ClientSampleId :

Tgt Ion: 63 Resp: 71451

Ion Ratio Lower Upper

63 100

65 32.4 25.4 38.2



#46

Dibromomethane

Concen: 18.31 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

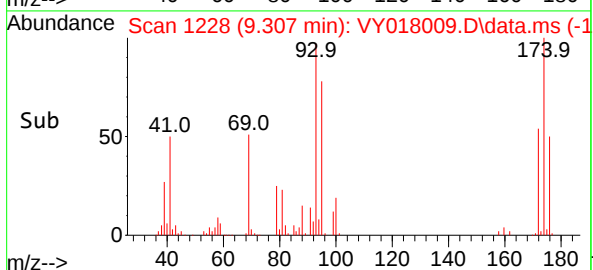
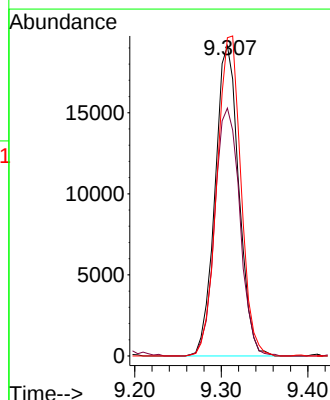
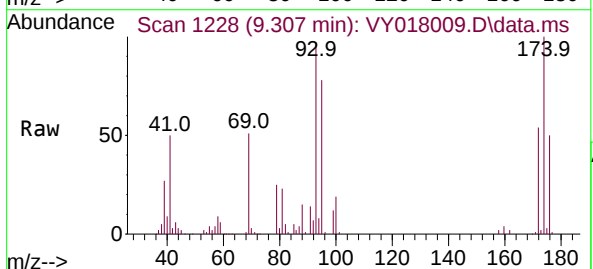
Tgt Ion: 93 Resp: 36606

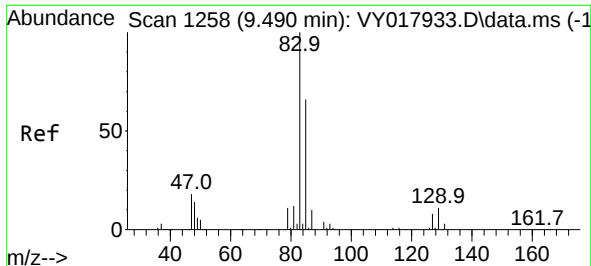
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 103.4 80.9 121.3

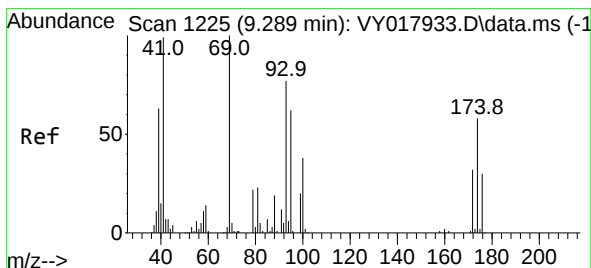
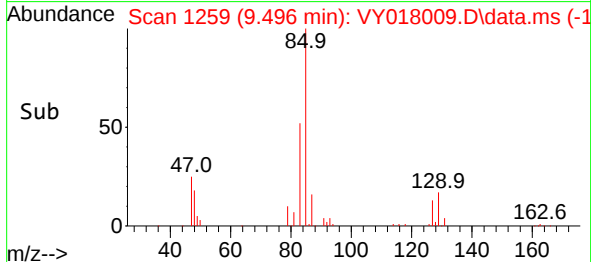
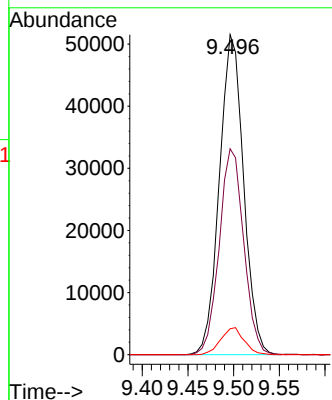
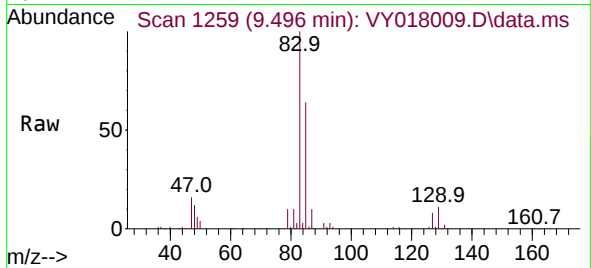




#47
Bromodichloromethane
Concen: 18.92 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

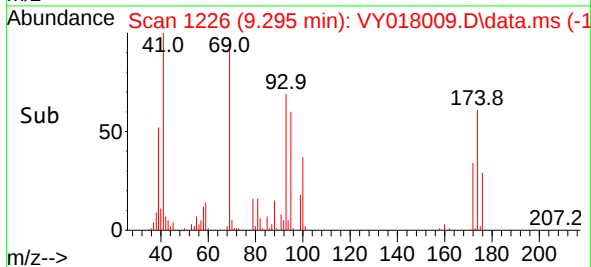
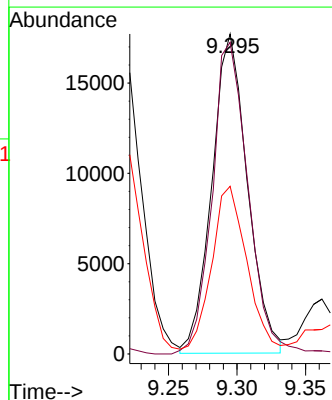
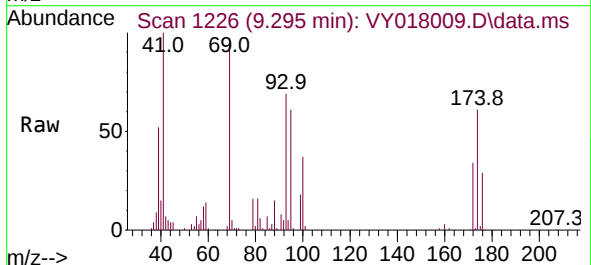
Instrument :
MSVOA_Y
ClientSampleId :

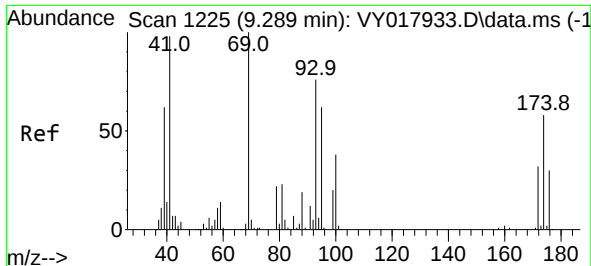
Tgt Ion: 83 Resp: 94909
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 8.1 7.4 11.0



#48
Methyl methacrylate
Concen: 18.14 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion: 41 Resp: 31949
Ion Ratio Lower Upper
41 100
69 99.0 84.1 126.1
39 49.8 43.6 65.4





#49

1,4-Dioxane

Concen: 323.02 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

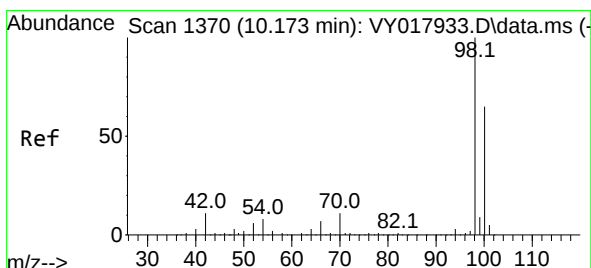
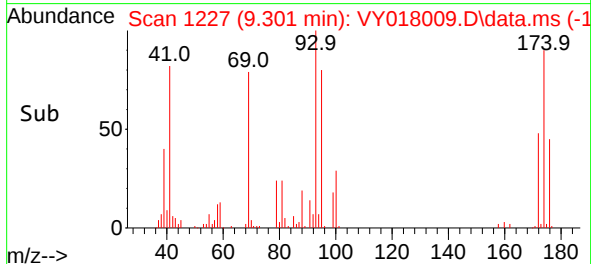
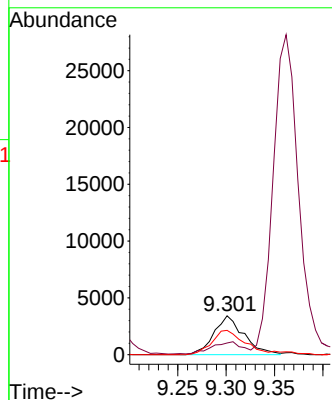
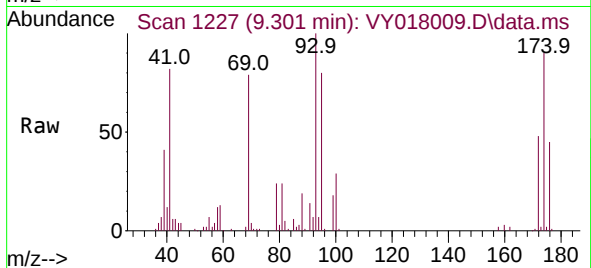
Tgt Ion: 88 Resp: 7372

Ion Ratio Lower Upper

88 100

43 31.3 0.0 0.0#

58 73.7 49.3 73.9



#50

Toluene-d8

Concen: 52.81 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018009.D

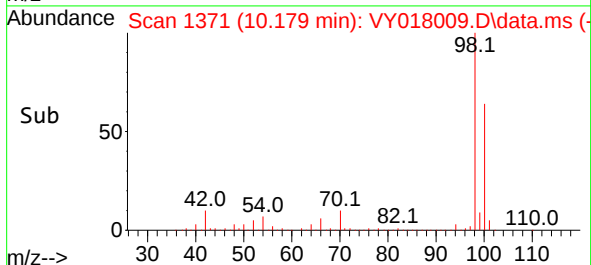
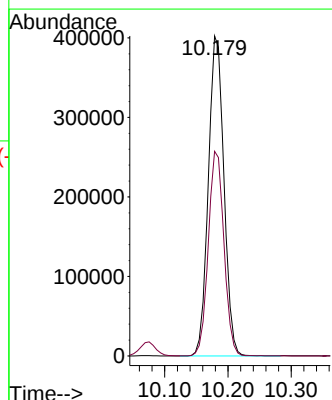
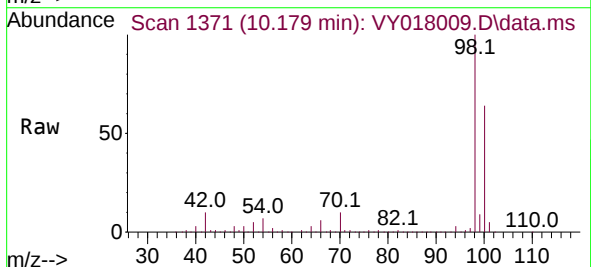
Acq: 22 Apr 2024 14:28

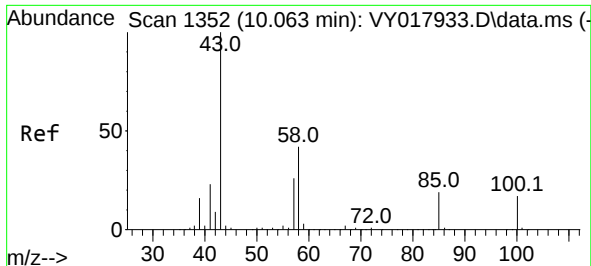
Tgt Ion: 98 Resp: 690606

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 90.55 ug/l

RT: 10.069 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

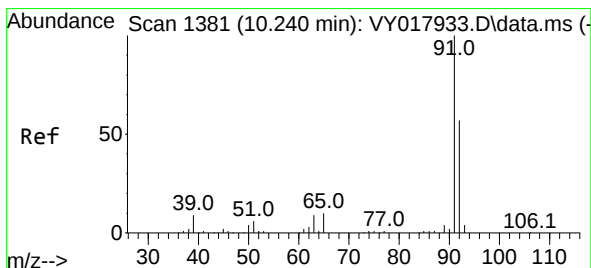
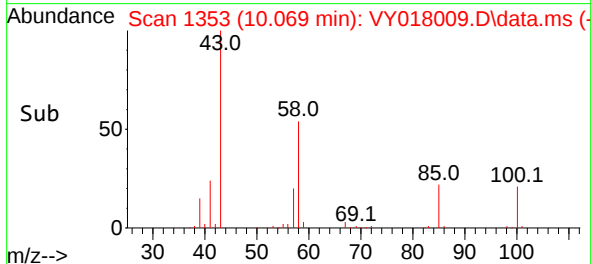
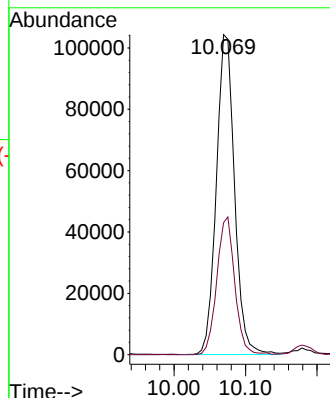
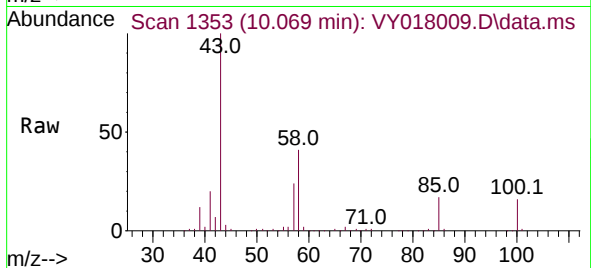
ClientSampleId :

Tgt Ion: 43 Resp: 184536

Ion Ratio Lower Upper

43 100

58 42.5 35.7 53.5



#52

Toluene

Concen: 19.10 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY018009.D

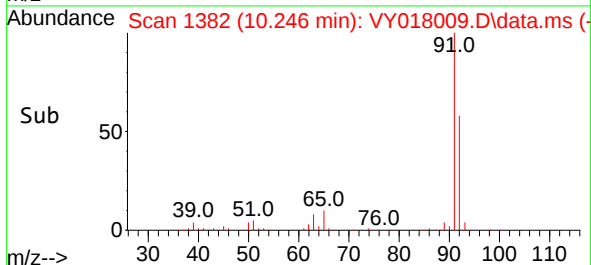
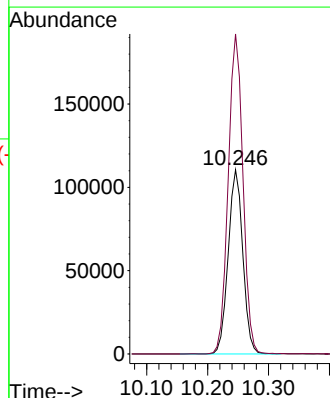
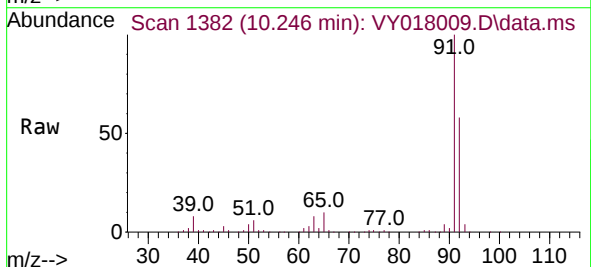
Acq: 22 Apr 2024 14:28

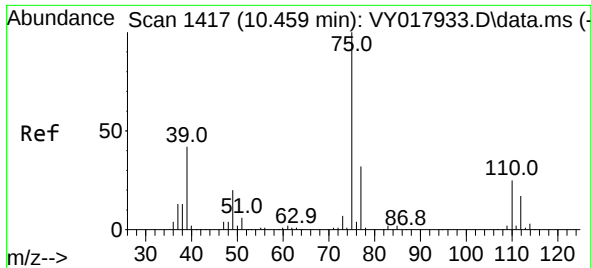
Tgt Ion: 92 Resp: 184004

Ion Ratio Lower Upper

92 100

91 175.1 139.0 208.6

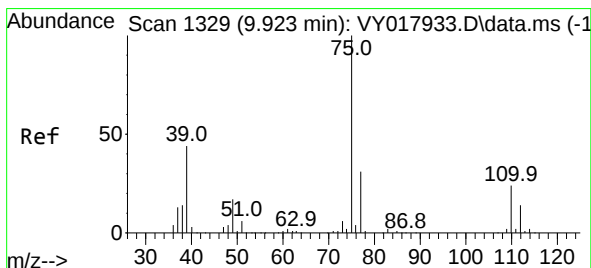
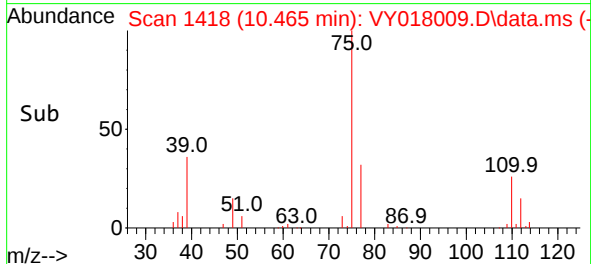
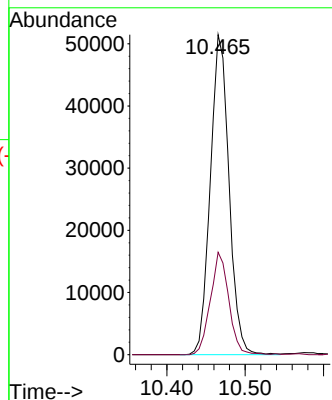
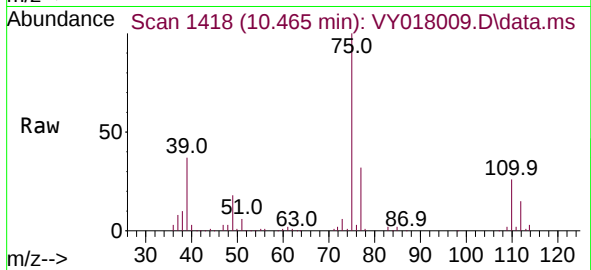




#53
 t-1,3-Dichloropropene
 Concen: 18.62 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018009.D
 Acq: 22 Apr 2024 14:28

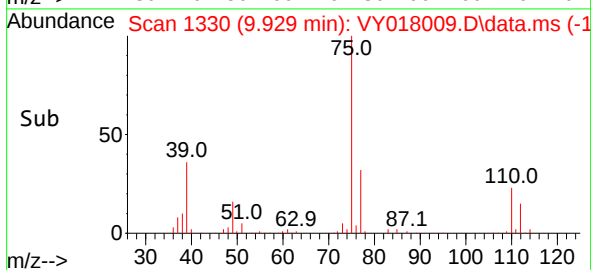
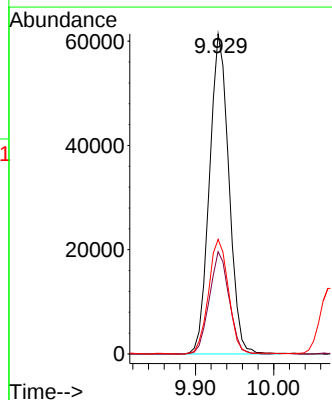
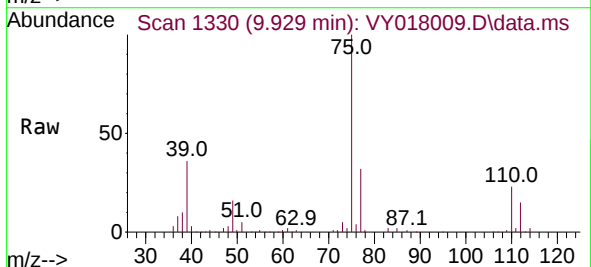
Instrument :
 MSVOA_Y
 ClientSampleId :

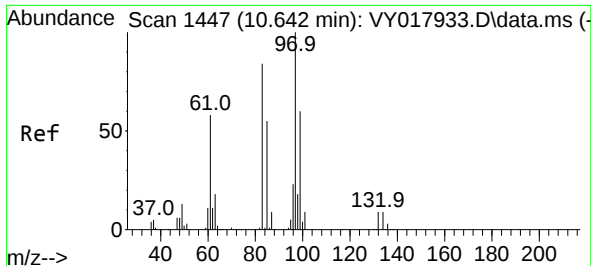
Tgt Ion: 75 Resp: 85243
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 18.80 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY018009.D
 Acq: 22 Apr 2024 14:28

Tgt Ion: 75 Resp: 105736
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 35.8 29.8 44.6

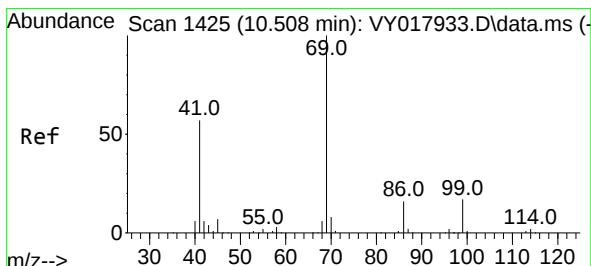
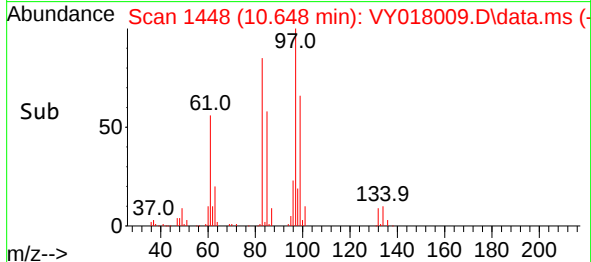
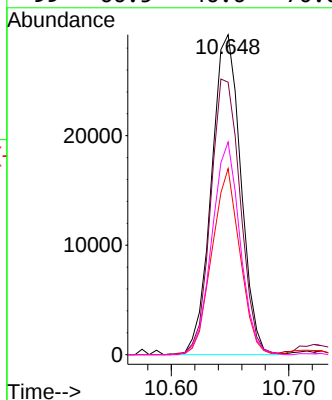
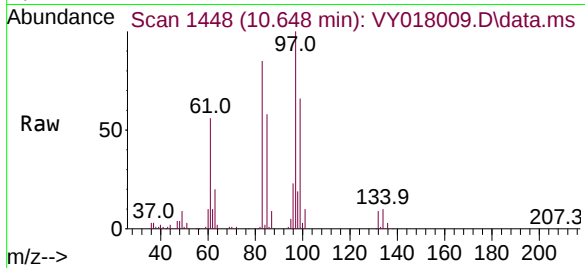




#55
1,1,2-Trichloroethane
Concen: 18.69 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

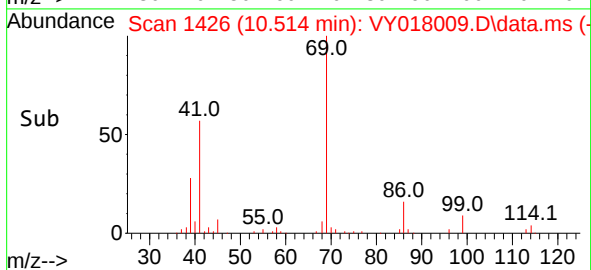
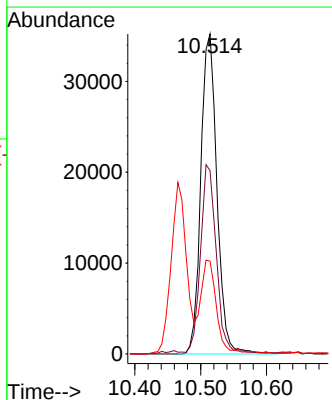
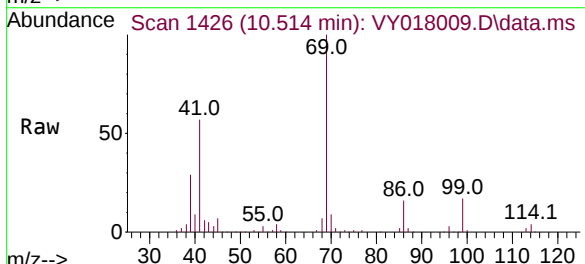
Instrument :
MSVOA_Y
ClientSampleId :

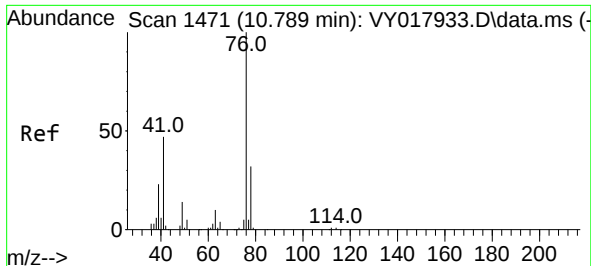
Tgt Ion: 97	Resp: 50801
Ion Ratio	Lower Upper
97 100	
83 84.8	67.5 101.3
85 57.8	42.9 64.3
99 66.5	46.6 70.0



#56
Ethyl methacrylate
Concen: 16.95 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion: 69	Resp: 60057
Ion Ratio	Lower Upper
69 100	
41 57.4	42.3 63.5
39 27.5	22.9 34.3





#57

1,3-Dichloropropane

Concen: 18.77 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

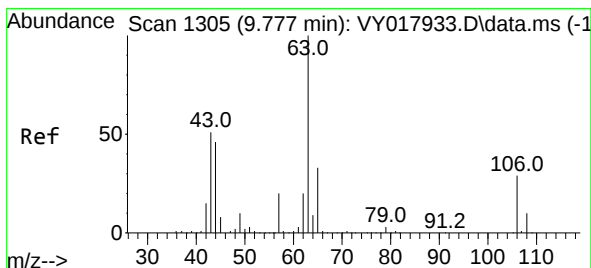
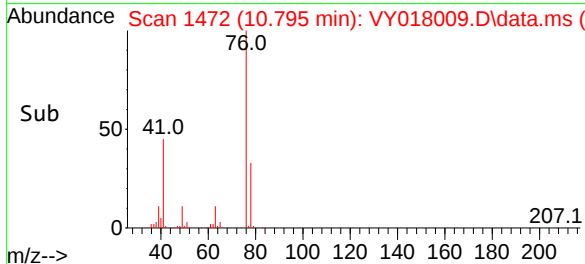
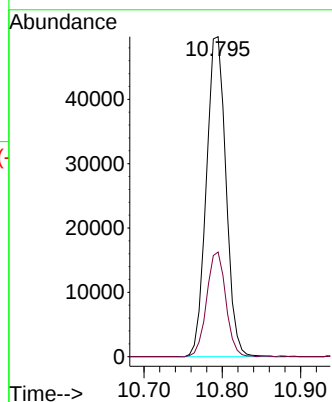
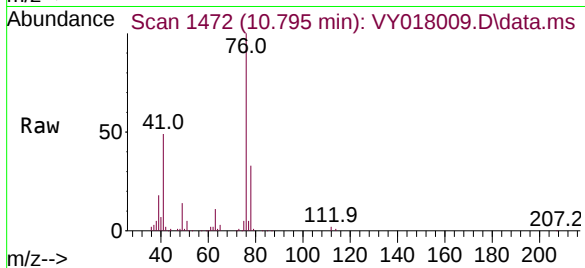
ClientSampleId :

Tgt Ion: 76 Resp: 86396

Ion Ratio Lower Upper

76 100

78 31.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 88.51 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018009.D

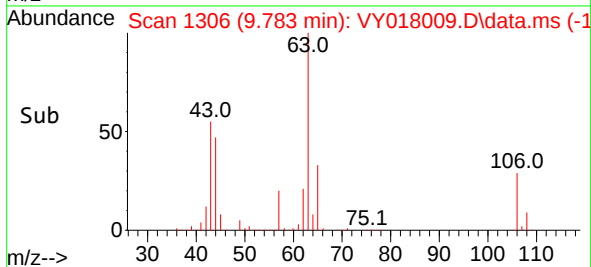
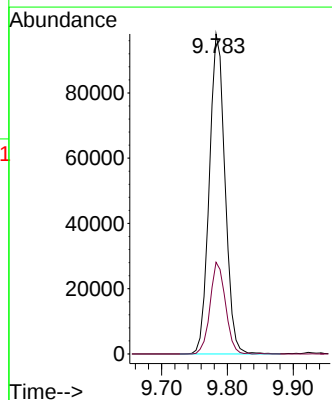
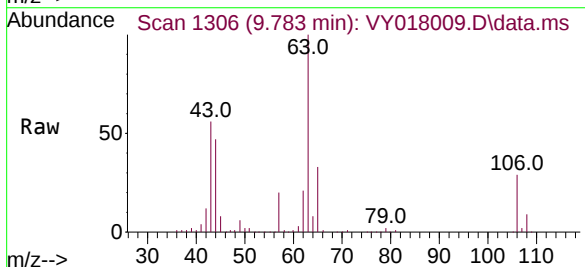
Acq: 22 Apr 2024 14:28

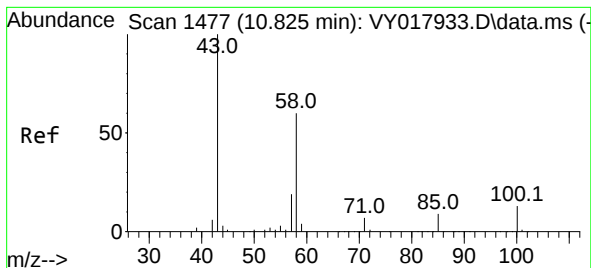
Tgt Ion: 63 Resp: 162992

Ion Ratio Lower Upper

63 100

106 28.0 23.7 35.5





#59

2-Hexanone

Concen: 89.57 ug/l

RT: 10.837 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

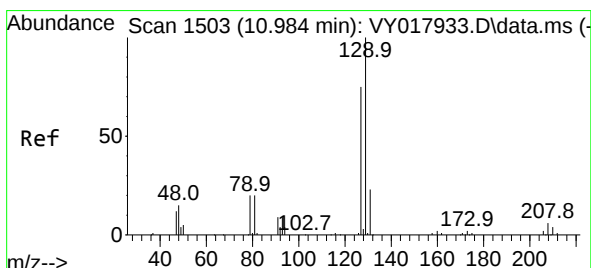
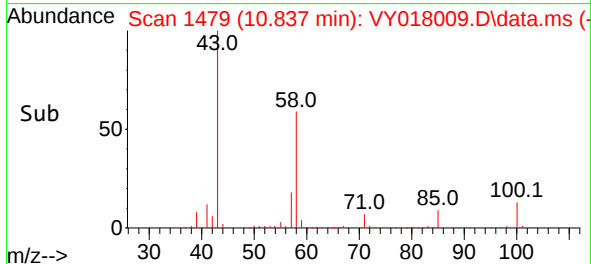
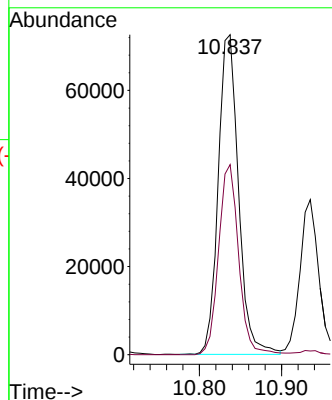
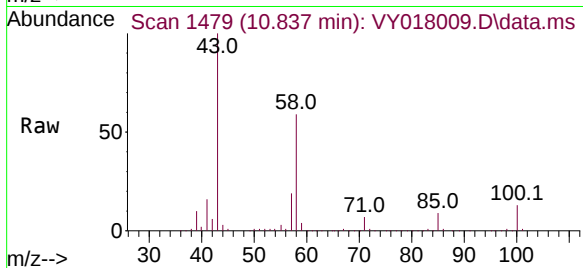
ClientSampleId :

Tgt Ion: 43 Resp: 124602

Ion Ratio Lower Upper

43 100

58 58.7 31.4 94.0



#60

Dibromochloromethane

Concen: 18.20 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. 0.006 min

Lab File: VY018009.D

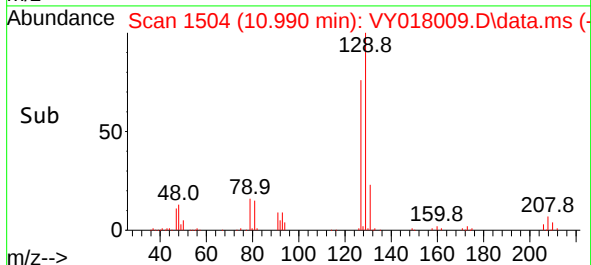
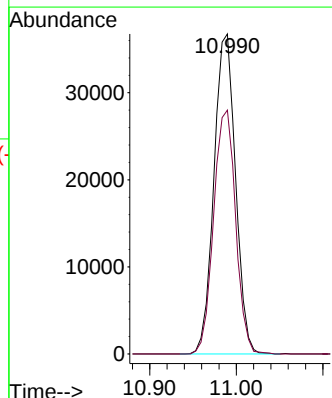
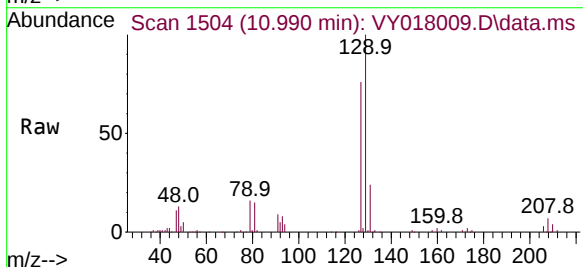
Acq: 22 Apr 2024 14:28

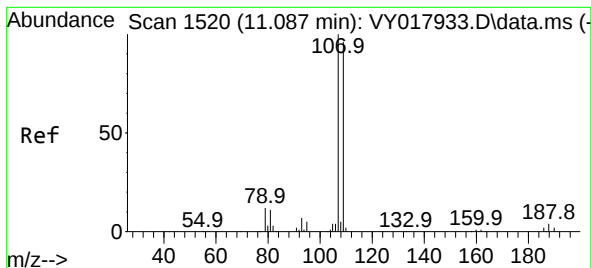
Tgt Ion:129 Resp: 63554

Ion Ratio Lower Upper

129 100

127 77.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 17.30 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

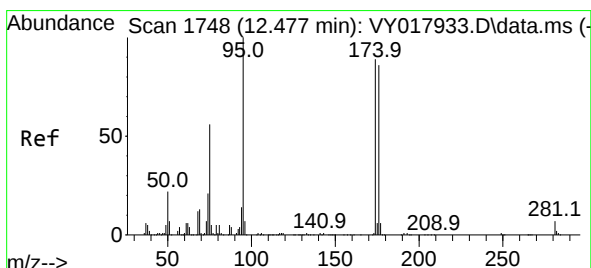
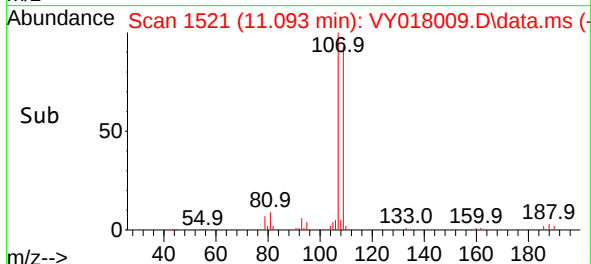
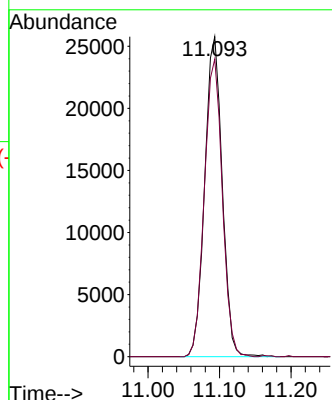
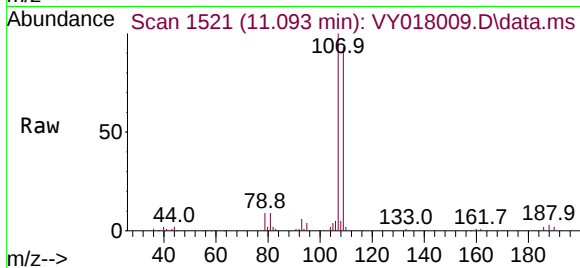
ClientSampleId :

Tgt Ion:107 Resp: 43808

Ion Ratio Lower Upper

107 100

109 95.3 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.71 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

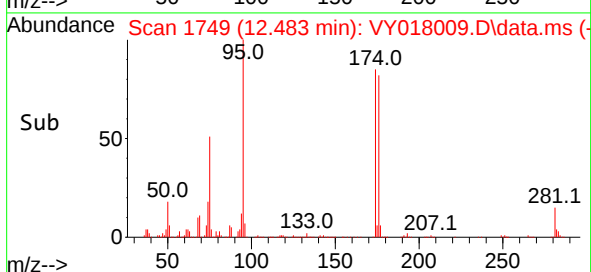
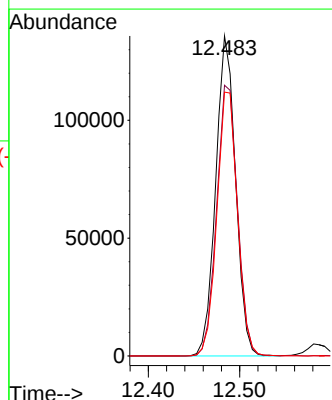
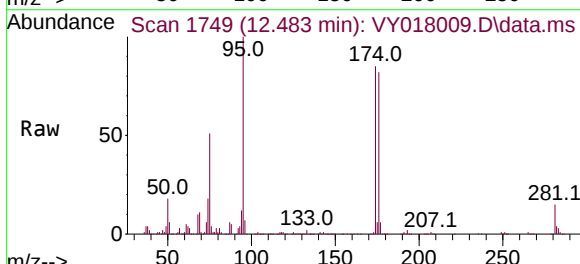
Tgt Ion: 95 Resp: 205377

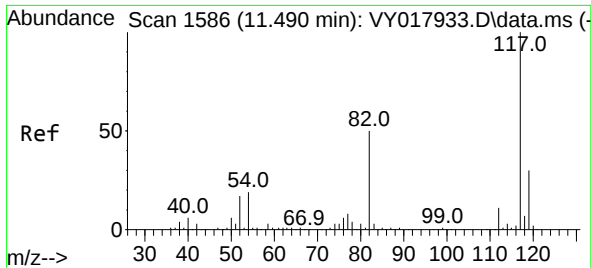
Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.6

176 85.7 0.0 171.4

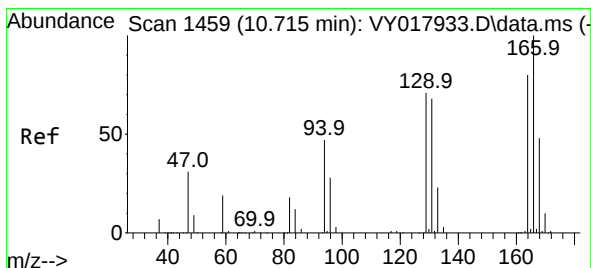
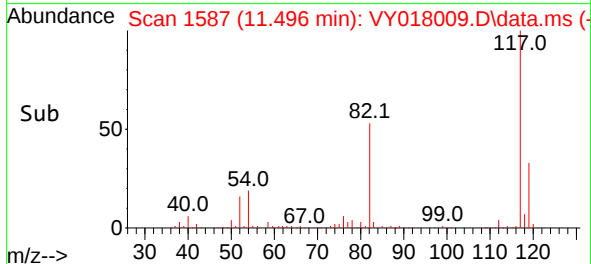
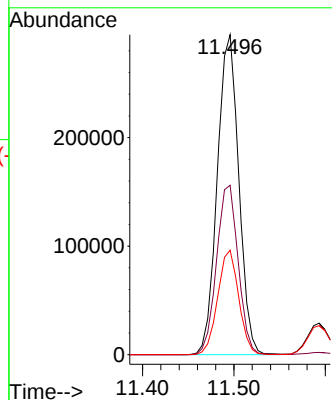
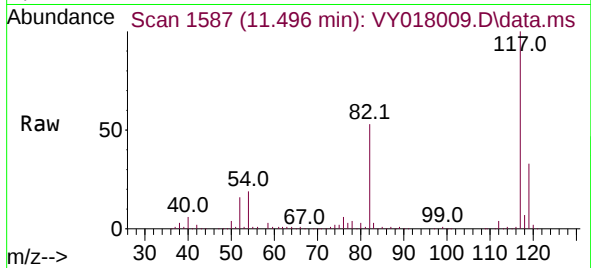




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

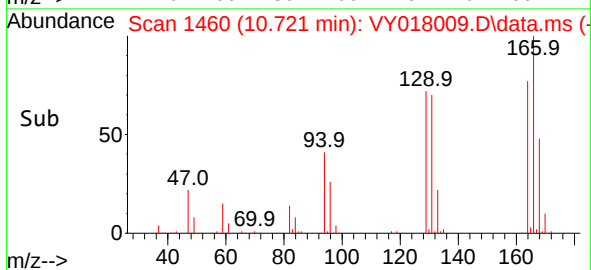
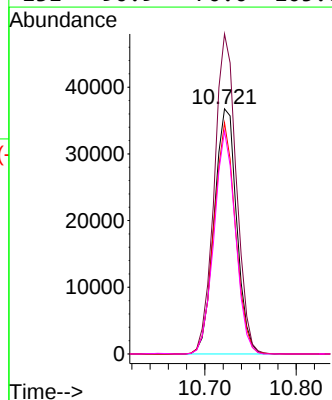
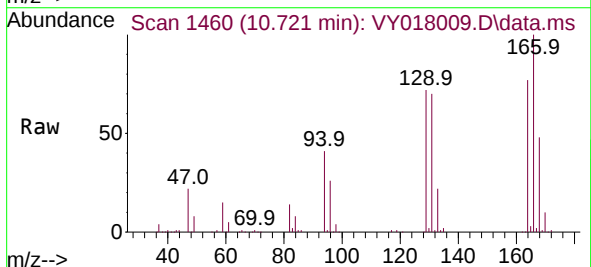
Instrument :
MSVOA_Y
ClientSampleId :

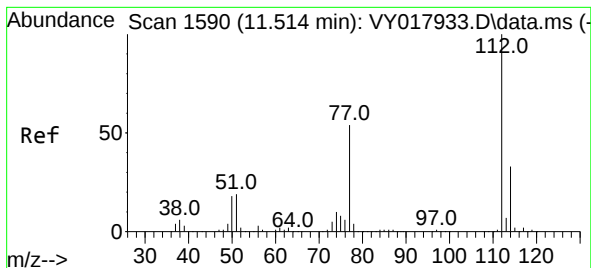
Tgt Ion:117 Resp: 482240
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 18.21 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion:164 Resp: 62895
Ion Ratio Lower Upper
164 100
166 130.5 102.6 154.0
129 94.3 72.0 108.0
131 90.9 70.0 105.0





#65

Chlorobenzene

Concen: 19.09 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

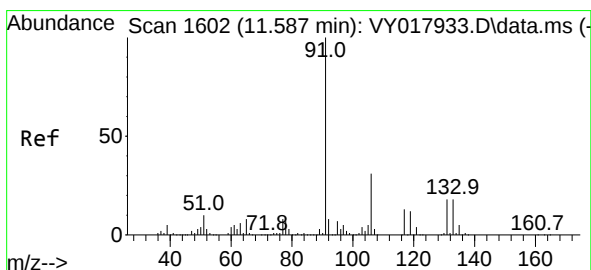
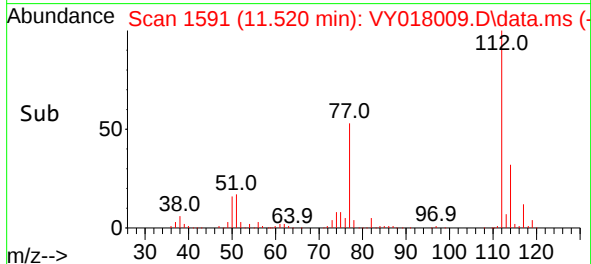
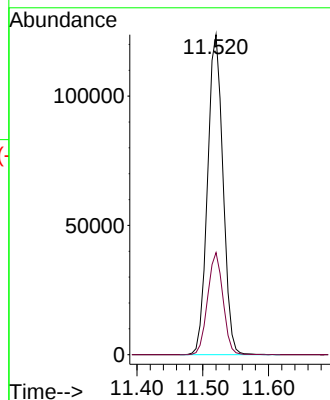
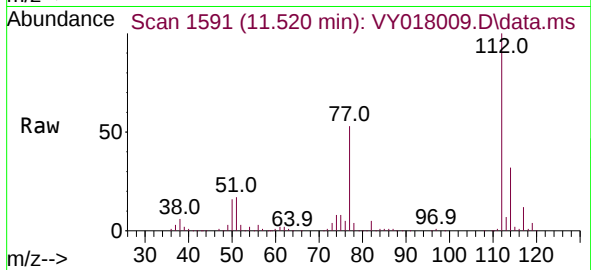
ClientSampleId :

Tgt Ion:112 Resp: 201766

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.83 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

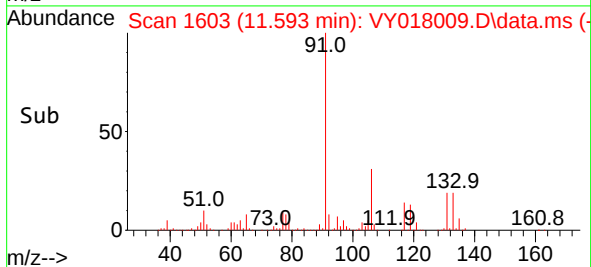
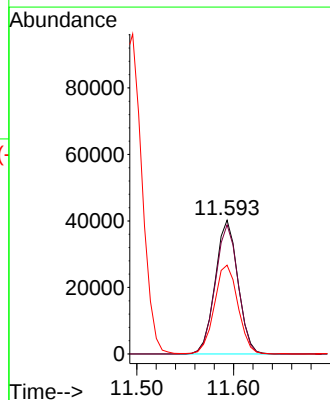
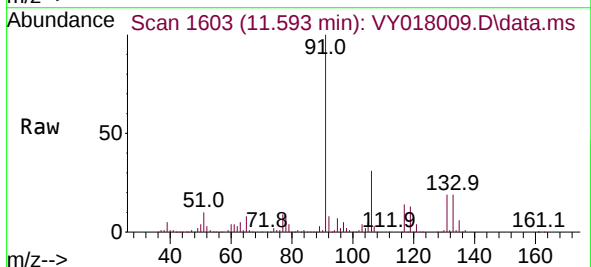
Tgt Ion:131 Resp: 65639

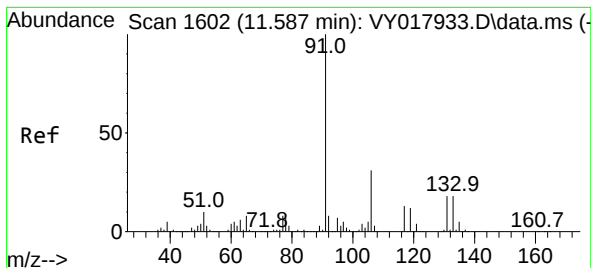
Ion Ratio Lower Upper

131 100

133 96.6 47.8 143.3

119 69.2 34.1 102.2





#67

Ethyl Benzene

Concen: 18.81 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

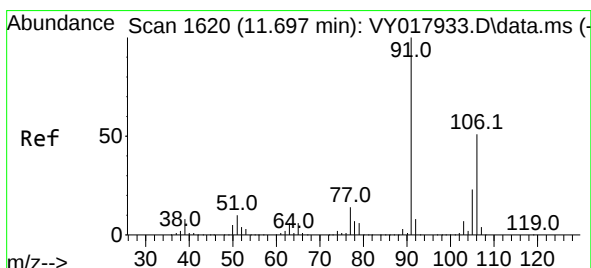
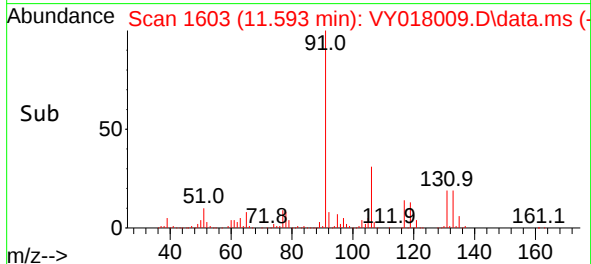
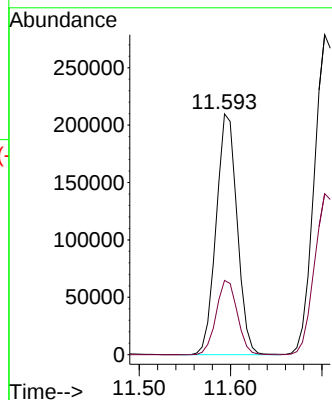
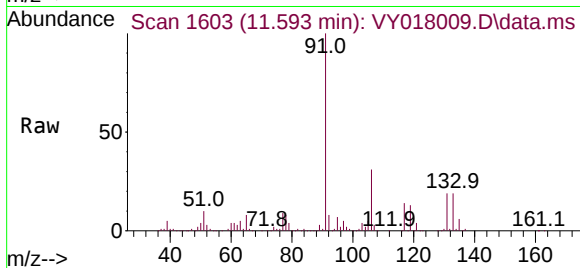
ClientSampleId :

Tgt Ion: 91 Resp: 334683

Ion Ratio Lower Upper

91 100

106 30.8 24.5 36.7



#68

m/p-Xylenes

Concen: 37.86 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018009.D

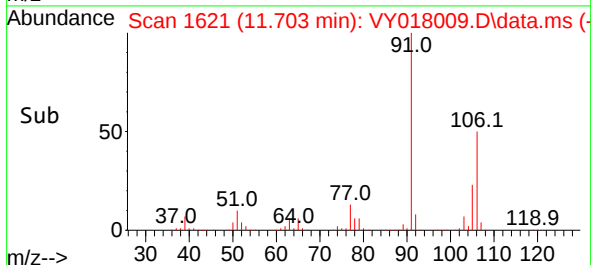
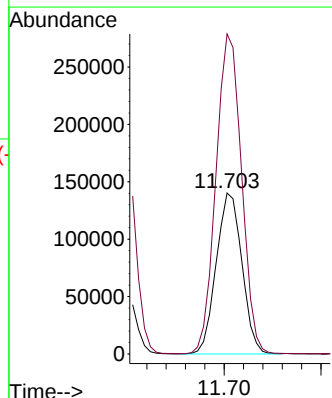
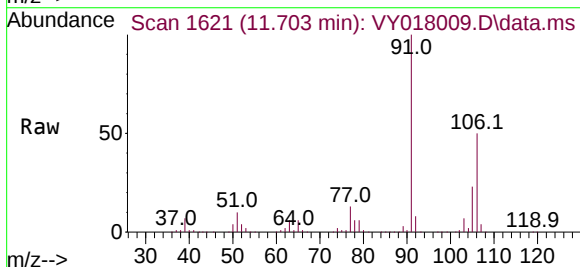
Acq: 22 Apr 2024 14:28

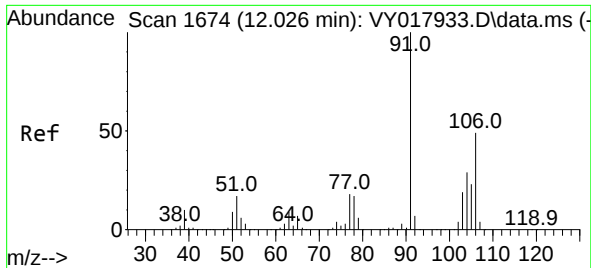
Tgt Ion:106 Resp: 258746

Ion Ratio Lower Upper

106 100

91 198.2 156.0 234.0

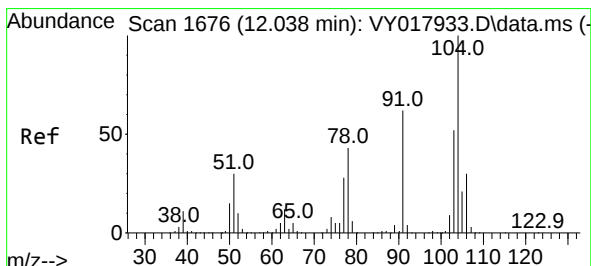
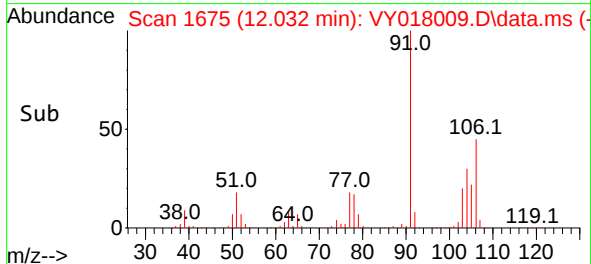
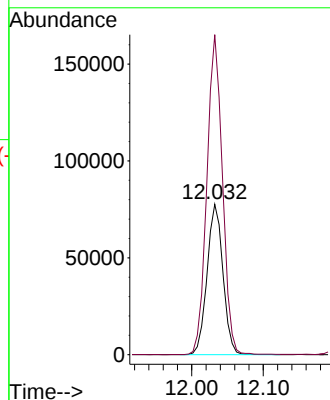
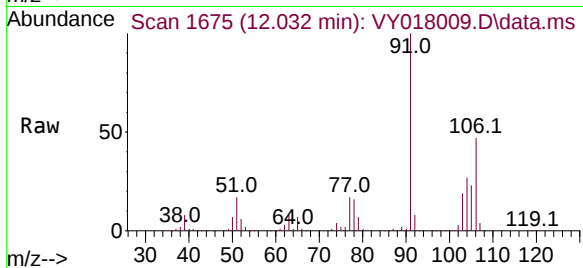




#69
o-Xylene
Concen: 18.77 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

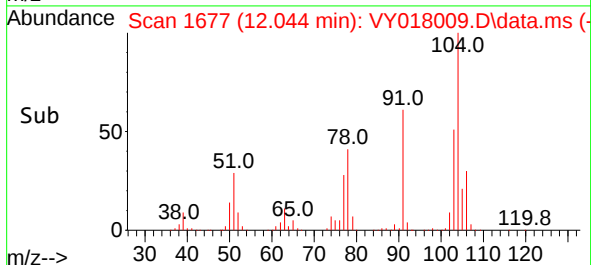
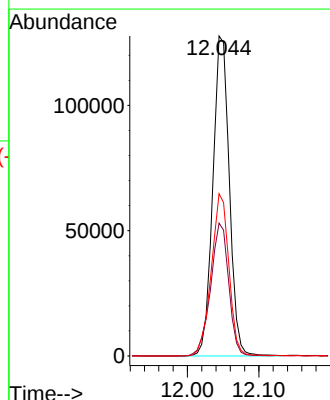
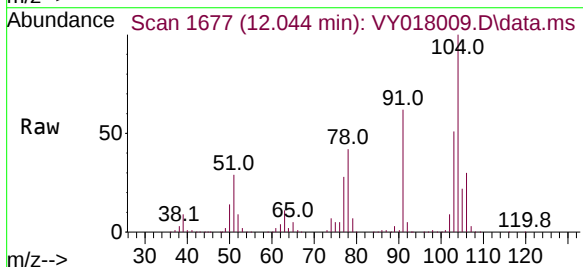
Instrument :
MSVOA_Y
ClientSampleId :

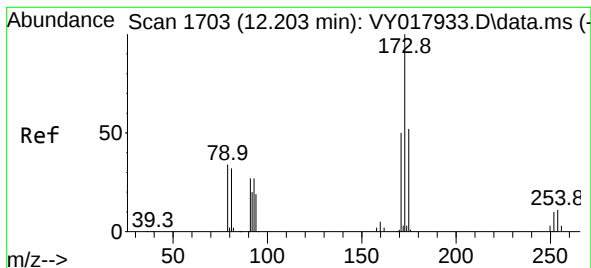
Tgt Ion:106 Resp: 119814
Ion Ratio Lower Upper
106 100
91 208.8 103.6 310.8



#70
Styrene
Concen: 18.98 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion:104 Resp: 204715
Ion Ratio Lower Upper
104 100
78 45.4 37.0 55.4
103 54.1 44.2 66.2





#71

Bromoform

Concen: 17.72 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018009.D

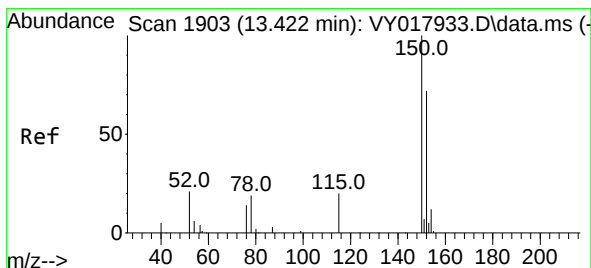
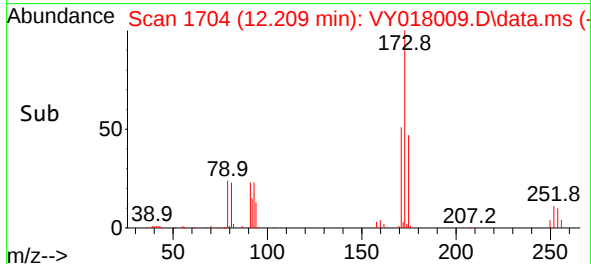
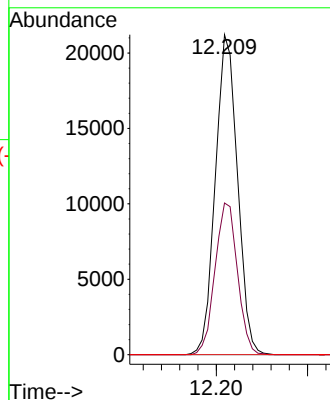
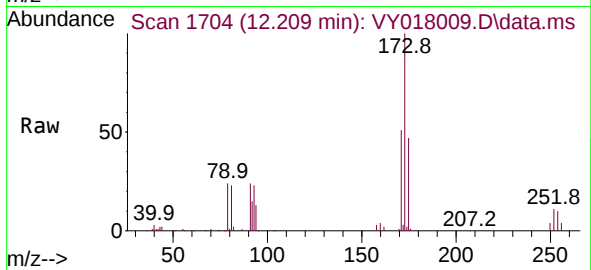
Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	35687
Ion Ratio	Lower	Upper
173	100	
175	48.1	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

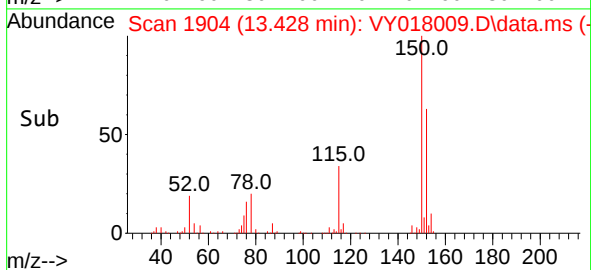
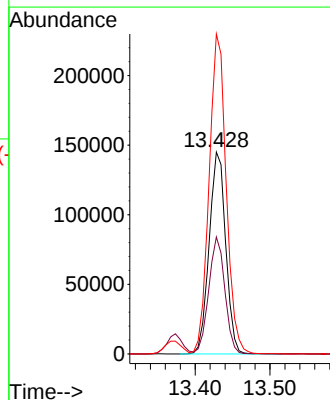
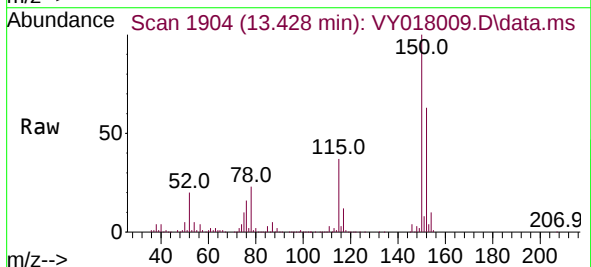
RT: 13.428 min Scan# 1904

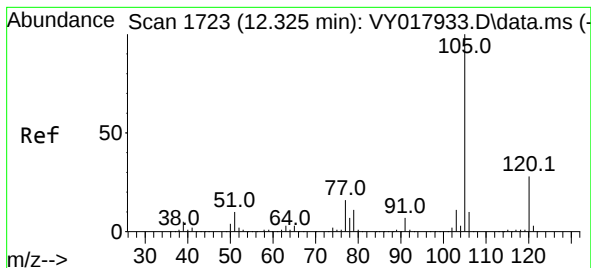
Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Tgt Ion:152	Resp:	223489
Ion Ratio	Lower	Upper
152	100	
115	56.3	28.2 84.7
150	163.5	0.0 345.6





#73

Isopropylbenzene

Concen: 18.87 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

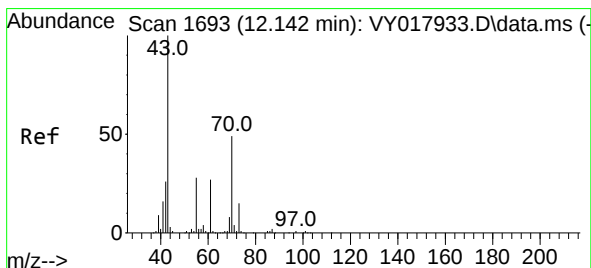
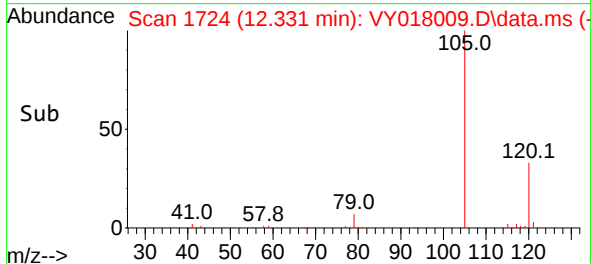
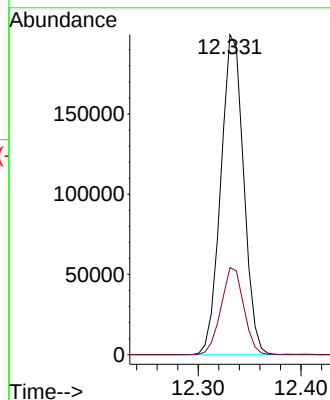
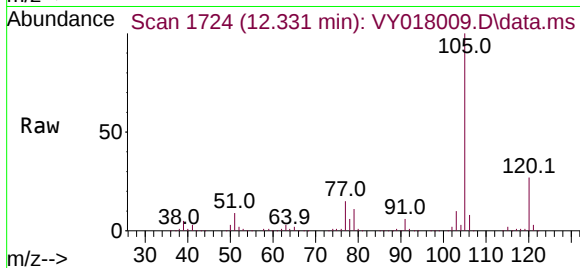
ClientSampleId :

Tgt Ion:105 Resp: 307212

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 18.18 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Tgt Ion: 43 Resp: 59761

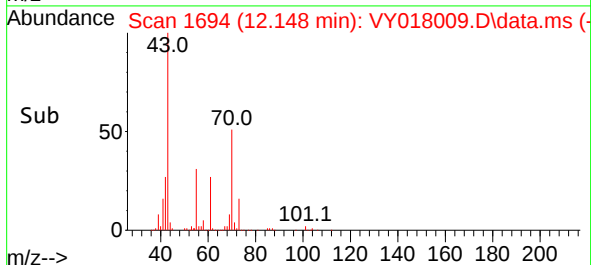
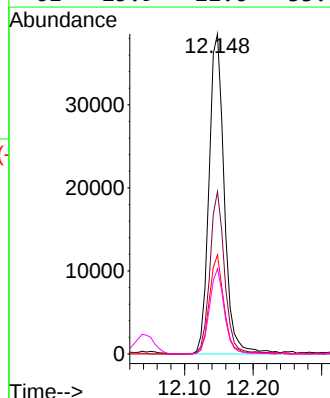
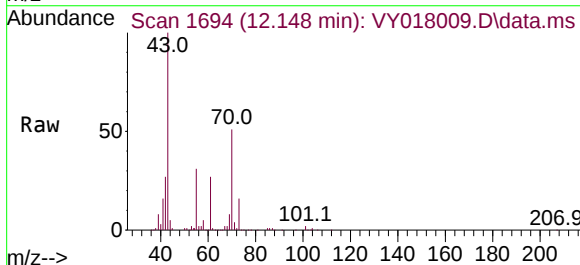
Ion Ratio Lower Upper

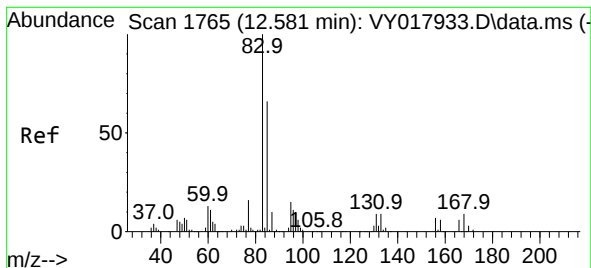
43 100

70 49.2 41.4 62.2

55 30.2 23.3 34.9

61 25.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.40 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

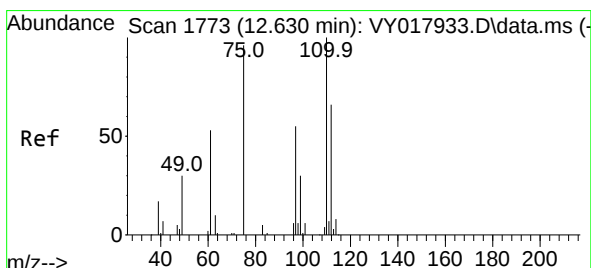
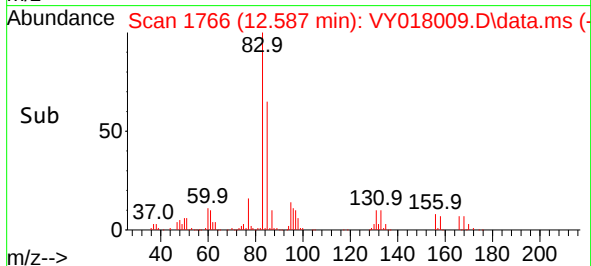
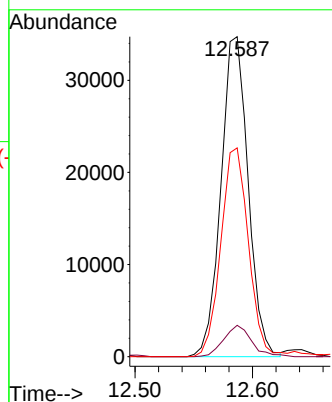
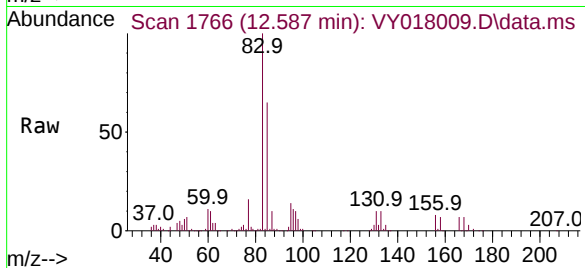
Tgt Ion: 83 Resp: 55870

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 66.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 32.50 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY018009.D

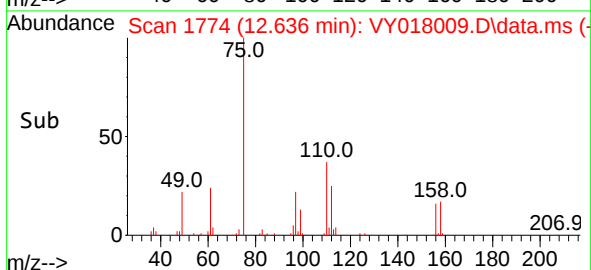
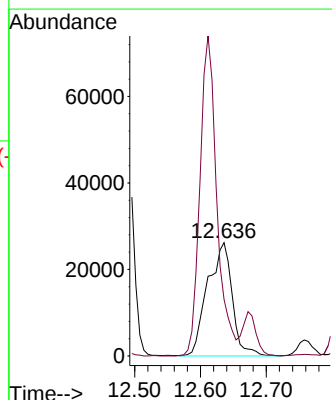
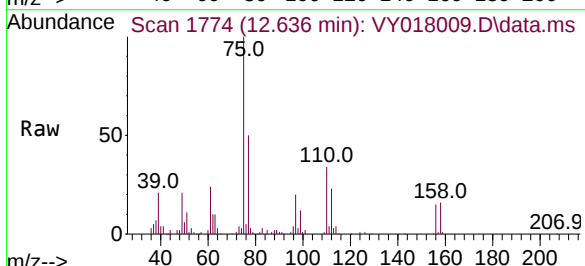
Acq: 22 Apr 2024 14:28

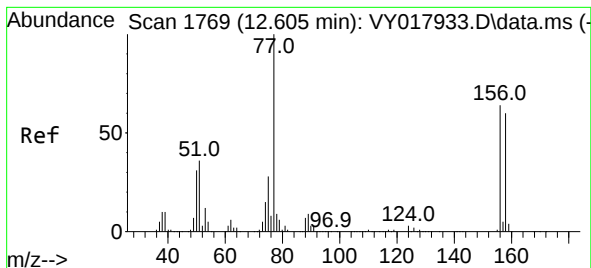
Tgt Ion: 75 Resp: 68158

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.80 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

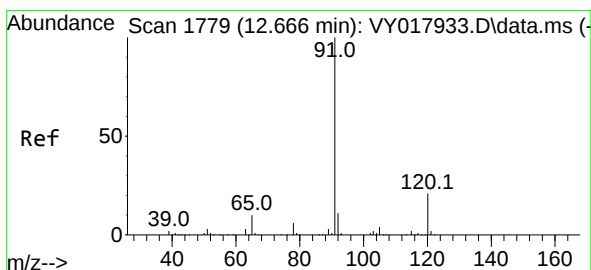
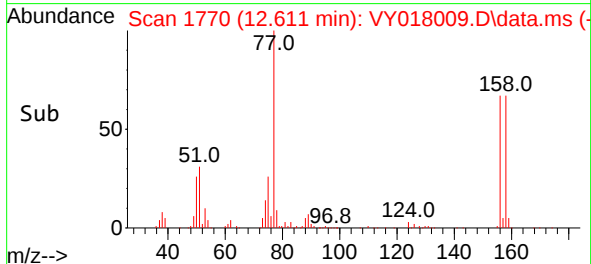
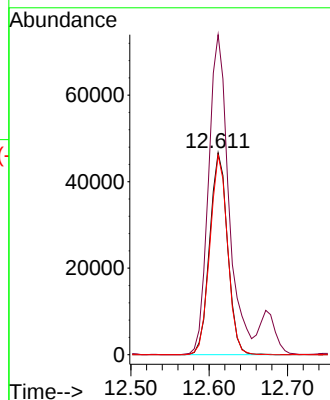
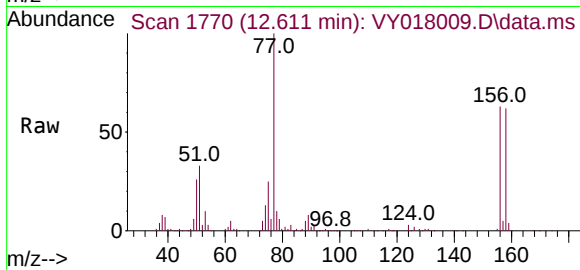
Tgt Ion:156 Resp: 74099

Ion Ratio Lower Upper

156 100

77 178.7 87.1 261.3

158 97.5 48.6 145.9



#78

n-propylbenzene

Concen: 19.44 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018009.D

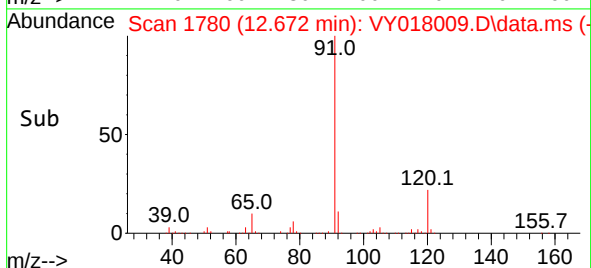
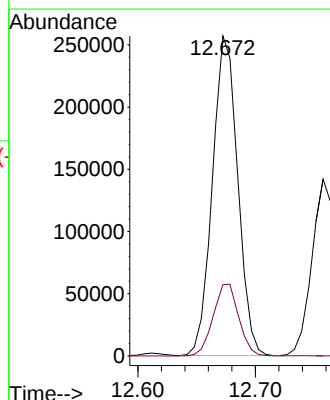
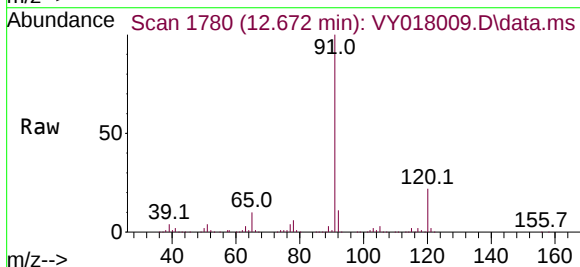
Acq: 22 Apr 2024 14:28

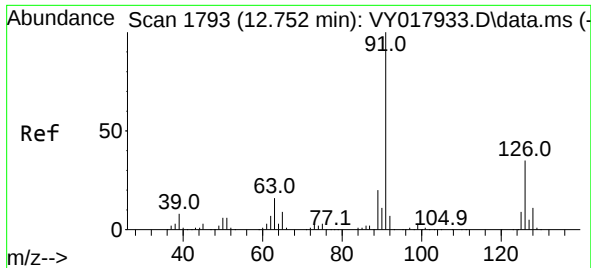
Tgt Ion: 91 Resp: 384097

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

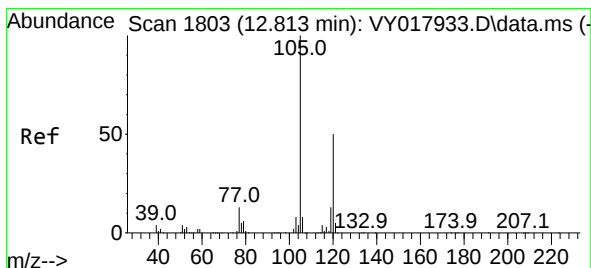
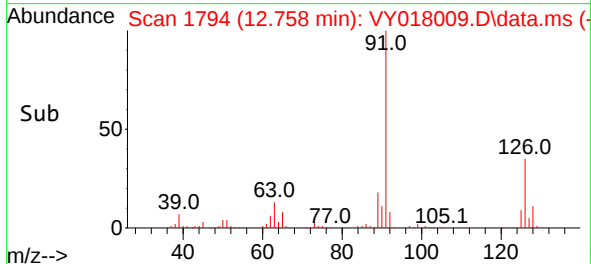
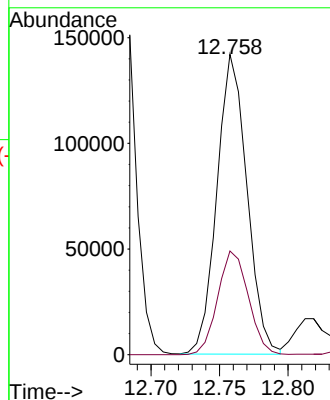
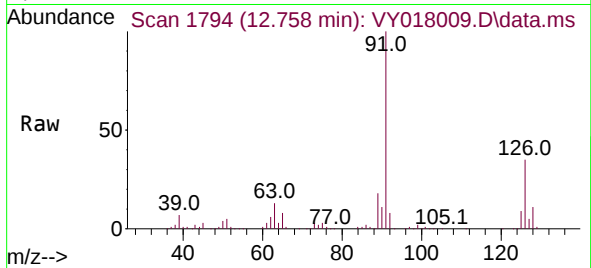




#79
2-Chlorotoluene
Concen: 19.58 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

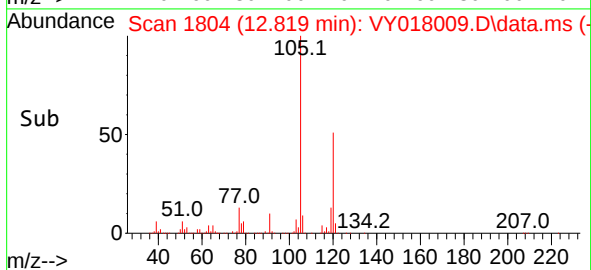
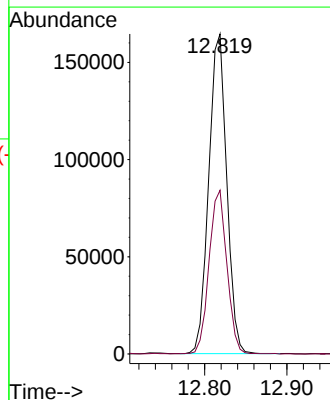
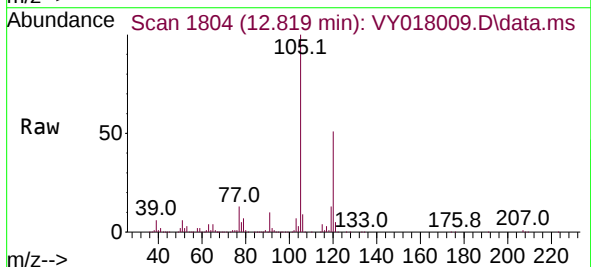
Instrument :
MSVOA_Y
ClientSampleId :

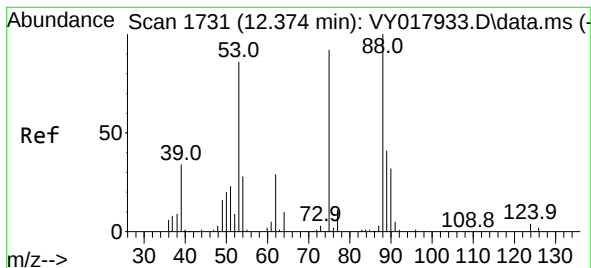
Tgt Ion: 91 Resp: 216532
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.33 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion:105 Resp: 249541
Ion Ratio Lower Upper
105 100
120 51.0 25.1 75.2

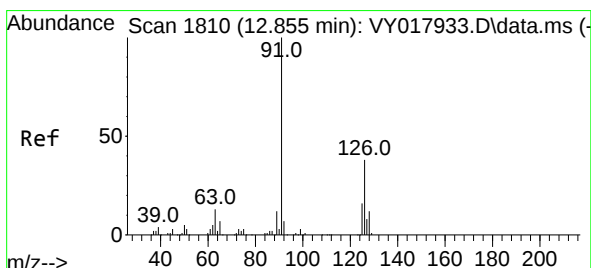
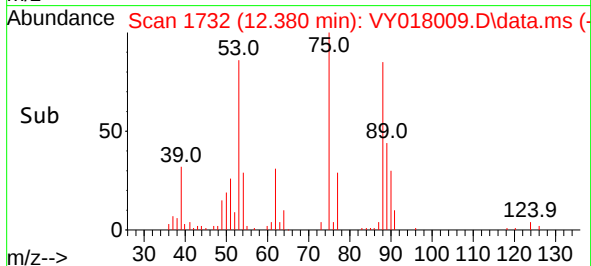
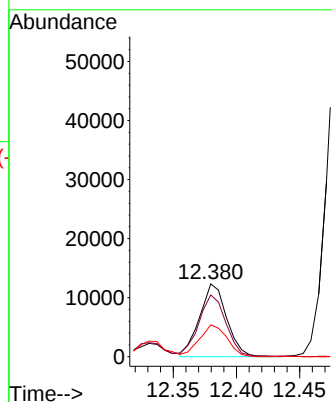
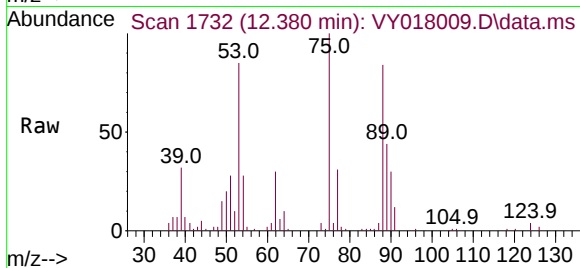




#81
trans-1,4-Dichloro-2-butene
Concen: 18.09 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

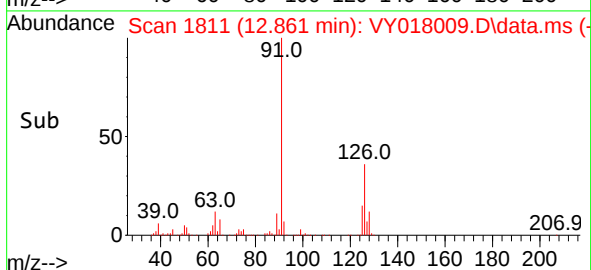
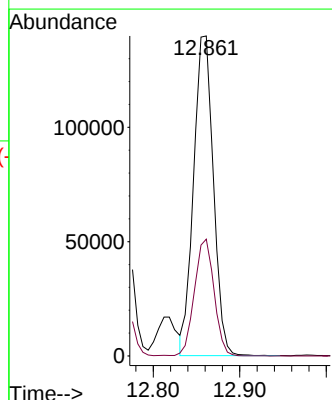
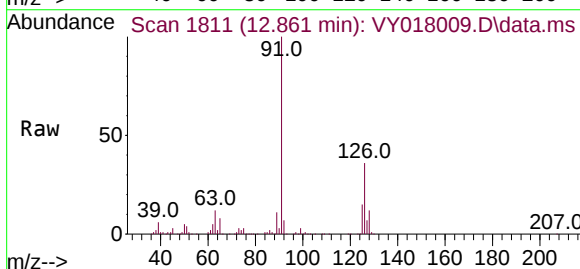
Instrument :
MSVOA_Y
ClientSampleId :

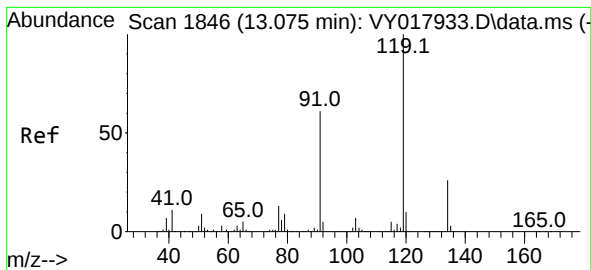
Tgt Ion: 75 Resp: 18398
Ion Ratio Lower Upper
75 100
53 86.7 66.8 100.2
89 44.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.38 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY018009.D
Acq: 22 Apr 2024 14:28

Tgt Ion: 91 Resp: 221993
Ion Ratio Lower Upper
91 100
126 36.2 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.25 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

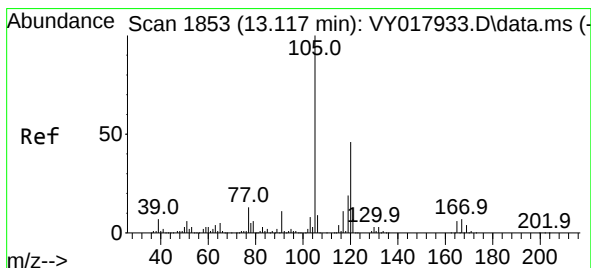
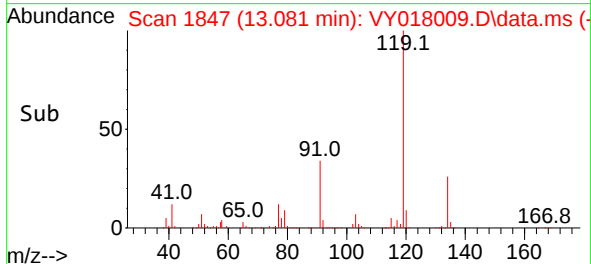
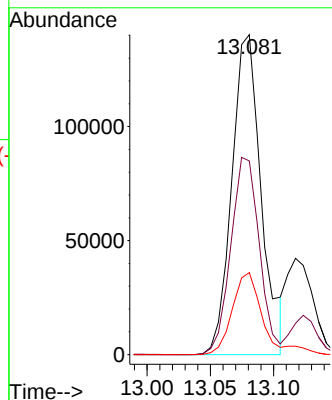
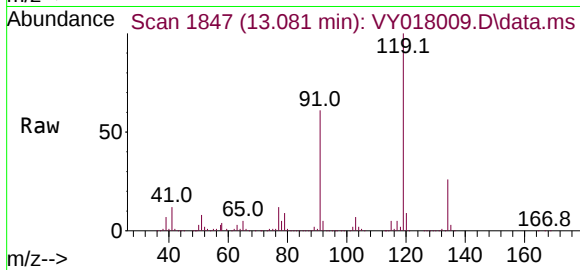
Tgt Ion:119 Resp: 226974

Ion Ratio Lower Upper

119 100

91 60.0 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.37 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY018009.D

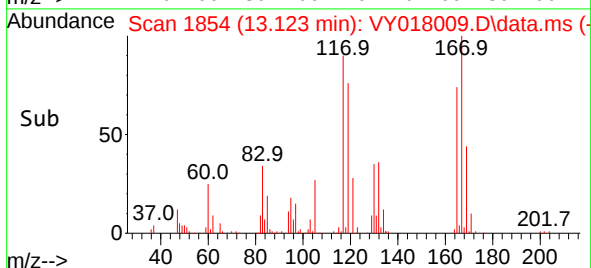
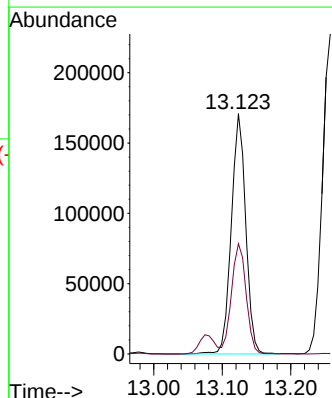
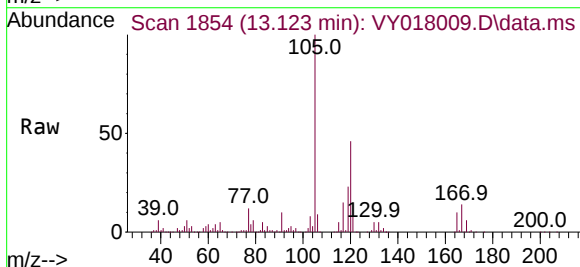
Acq: 22 Apr 2024 14:28

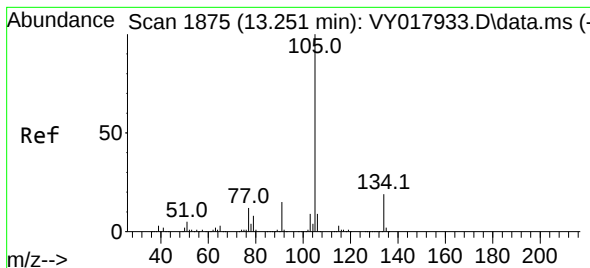
Tgt Ion:105 Resp: 249030

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.76 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

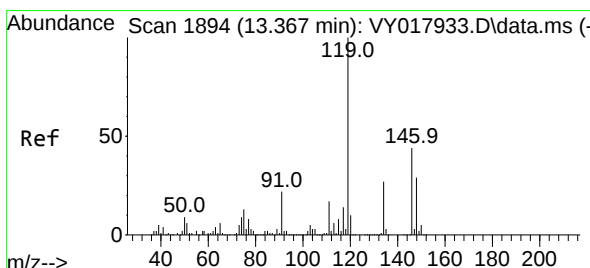
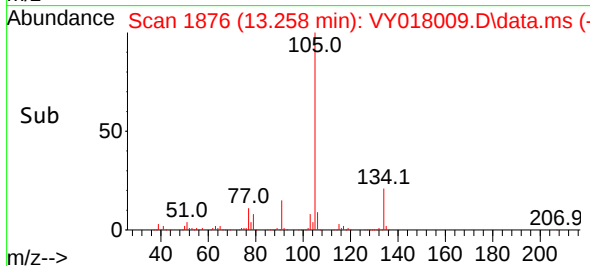
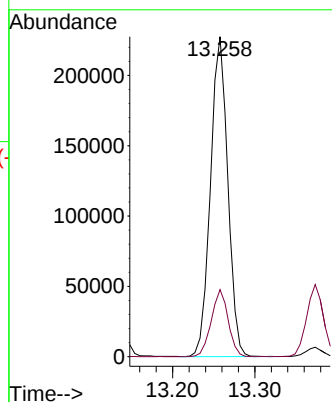
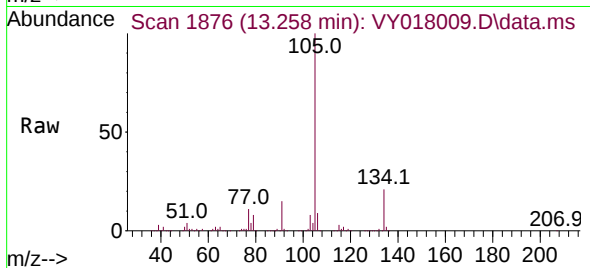
ClientSampleId :

Tgt Ion:105 Resp: 332305

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.55 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

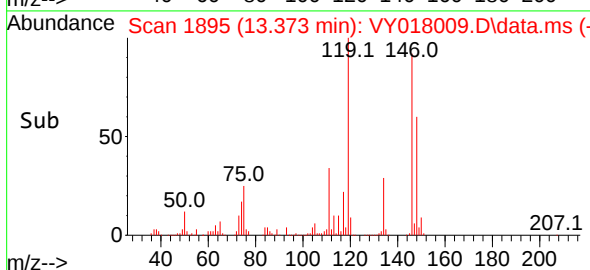
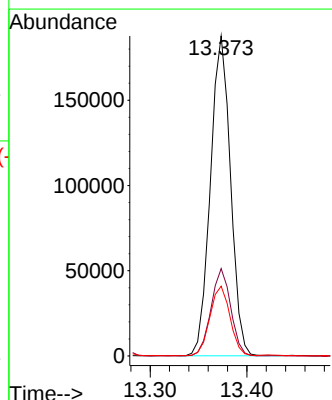
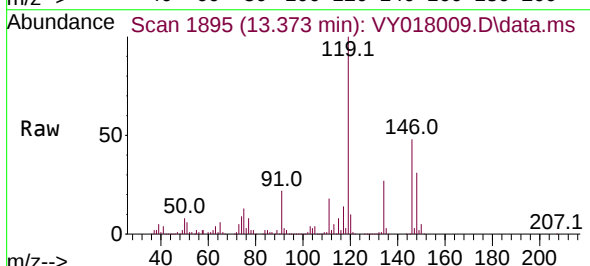
Tgt Ion:119 Resp: 270069

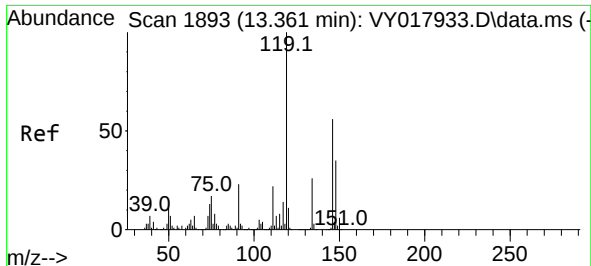
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.80 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

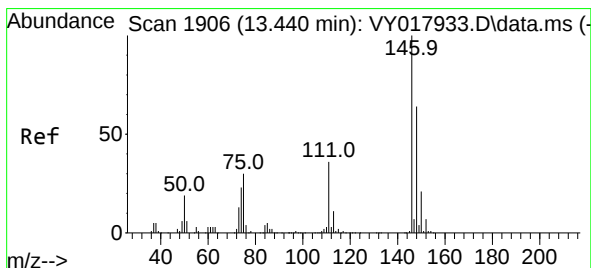
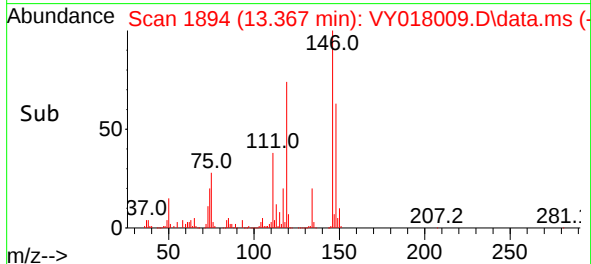
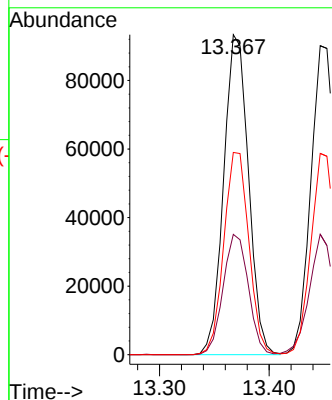
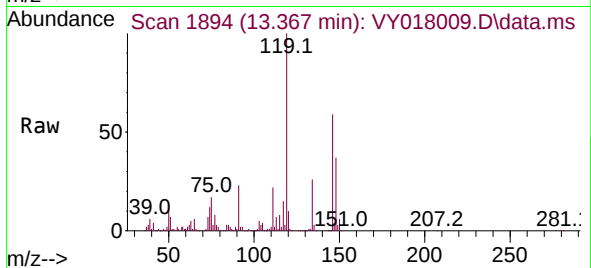
Tgt Ion:146 Resp: 147015

Ion Ratio Lower Upper

146 100

111 38.2 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 18.70 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

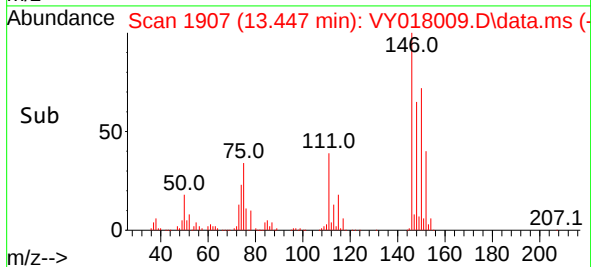
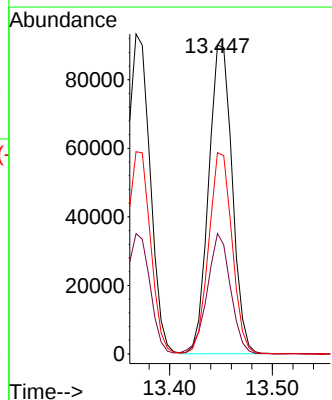
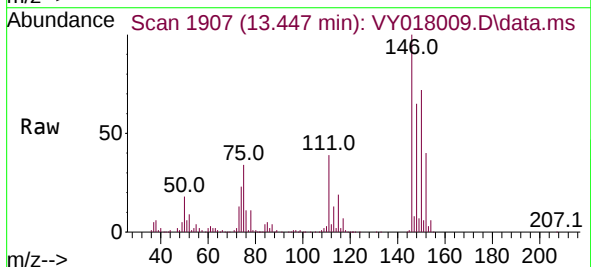
Tgt Ion:146 Resp: 143534

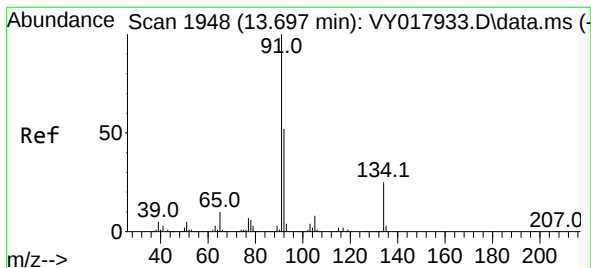
Ion Ratio Lower Upper

146 100

111 38.7 18.4 55.4

148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 18.71 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

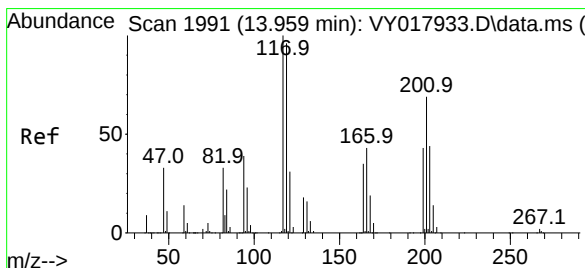
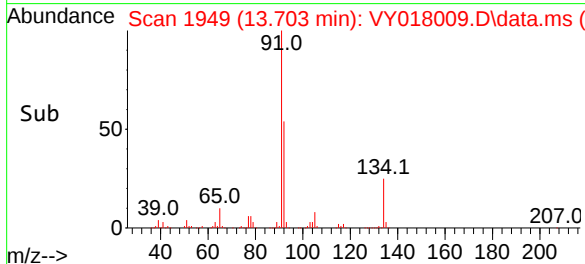
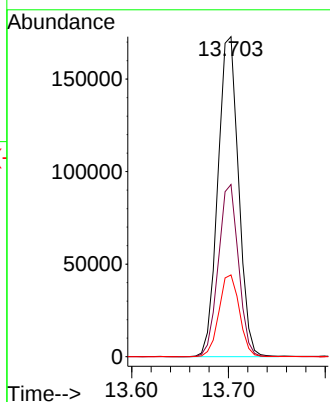
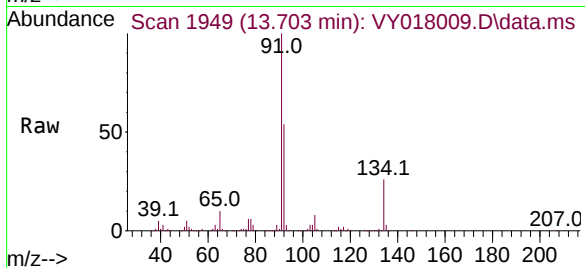
Tgt Ion: 91 Resp: 256198

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.7

134 25.4 12.9 38.7



#90

Hexachloroethane

Concen: 18.99 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018009.D

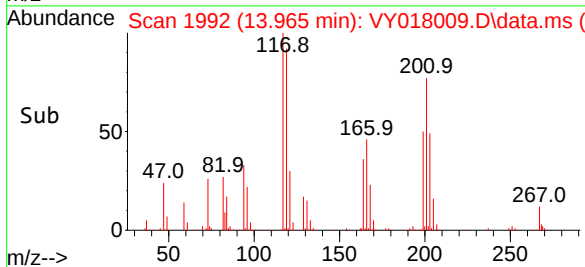
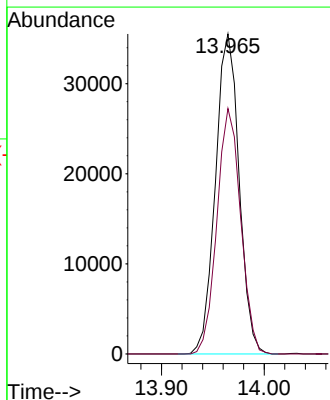
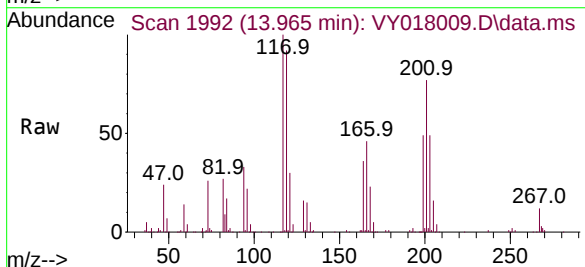
Acq: 22 Apr 2024 14:28

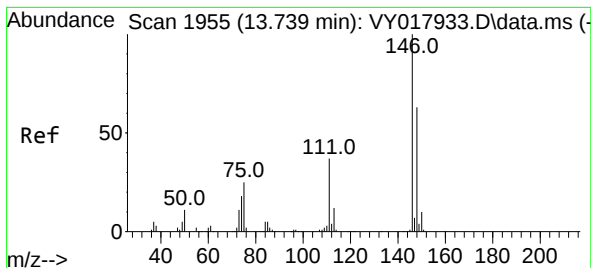
Tgt Ion: 117 Resp: 56686

Ion Ratio Lower Upper

117 100

201 77.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 18.49 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

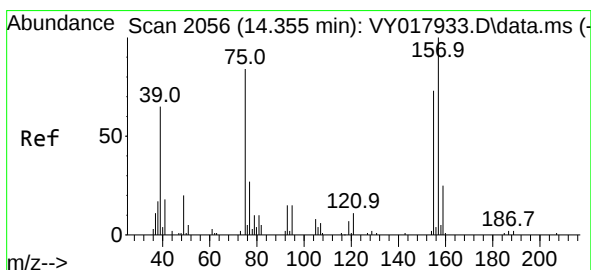
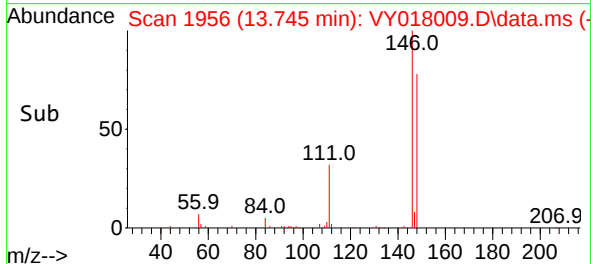
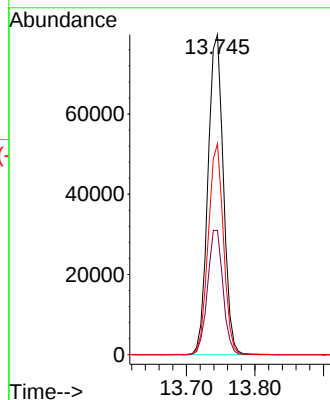
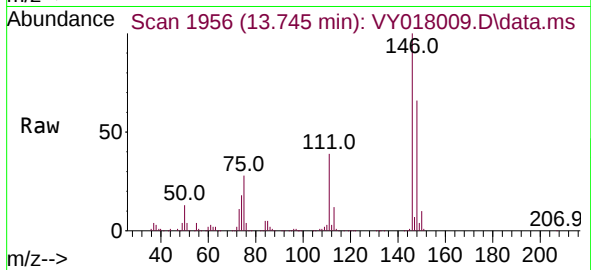
Tgt Ion:146 Resp: 124762

Ion Ratio Lower Upper

146 100

111 39.1 19.9 59.7

148 65.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.53 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

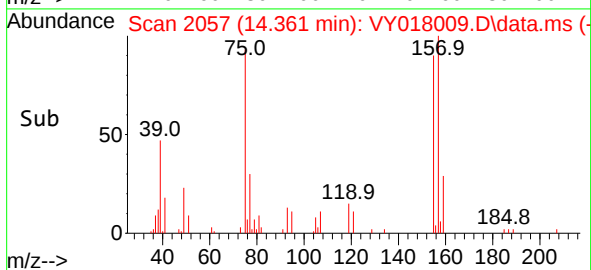
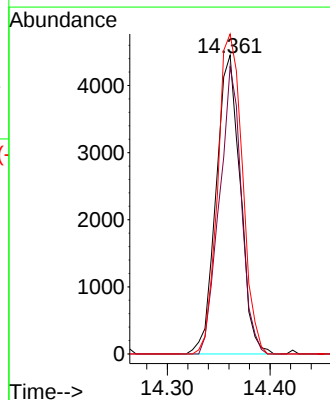
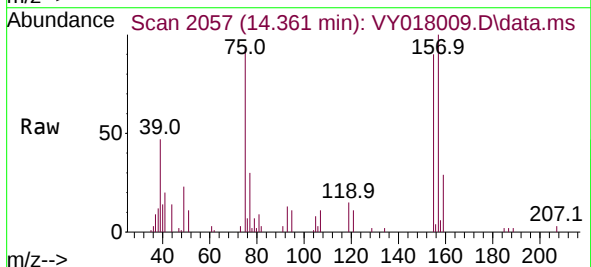
Tgt Ion: 75 Resp: 7239

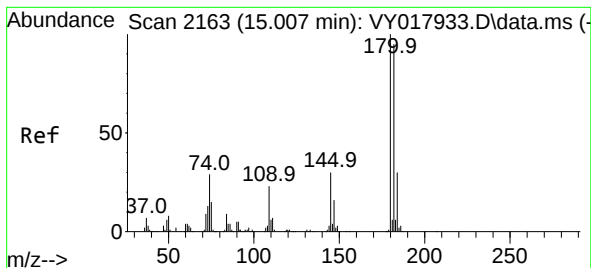
Ion Ratio Lower Upper

75 100

155 87.5 48.6 145.8

157 109.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 16.89 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

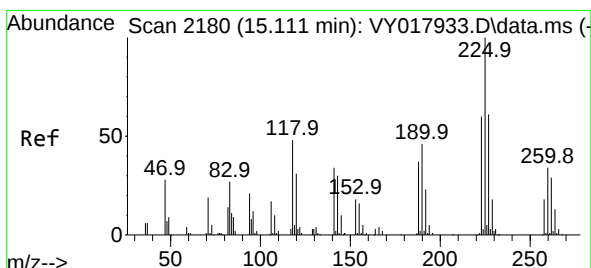
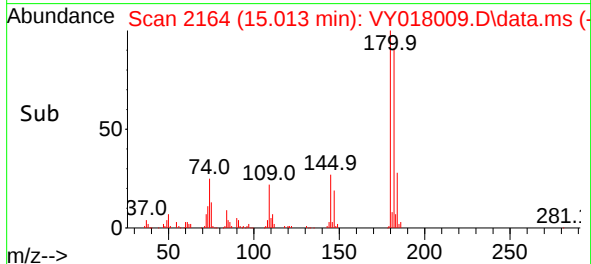
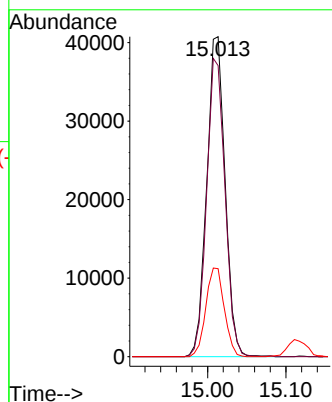
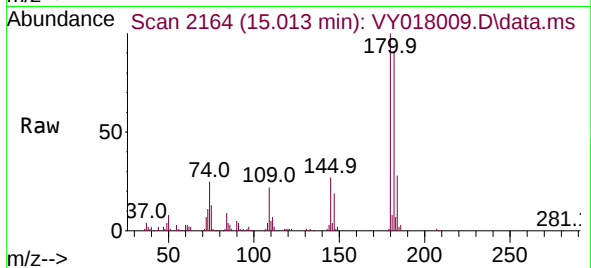
Tgt Ion:180 Resp: 66348

Ion Ratio Lower Upper

180 100

182 93.1 47.9 143.8

145 27.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.50 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

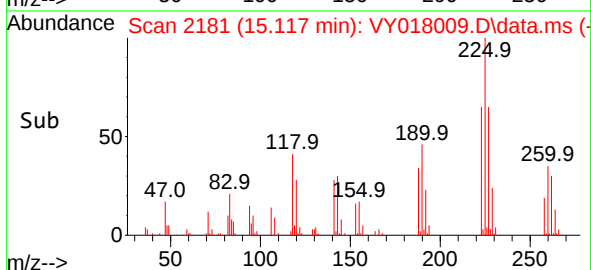
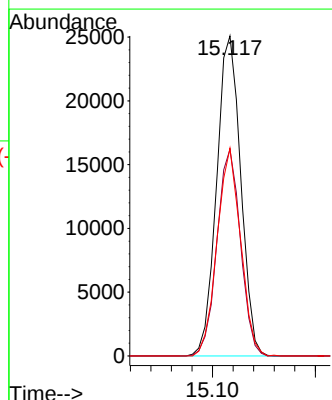
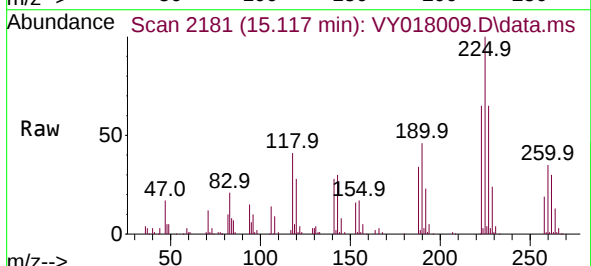
Tgt Ion:225 Resp: 40777

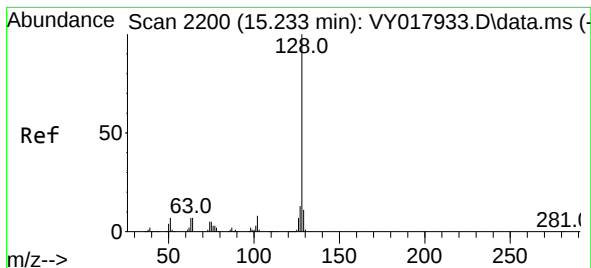
Ion Ratio Lower Upper

225 100

223 63.0 30.4 91.2

227 63.3 31.9 95.9





#95

Naphthalene

Concen: 15.19 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Instrument :

MSVOA_Y

ClientSampleId :

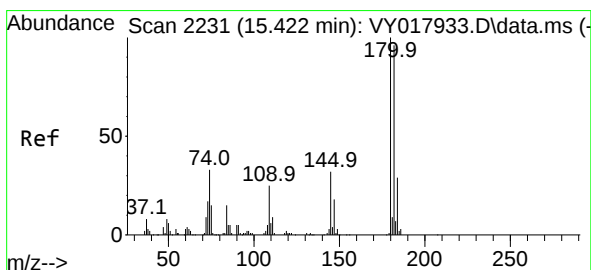
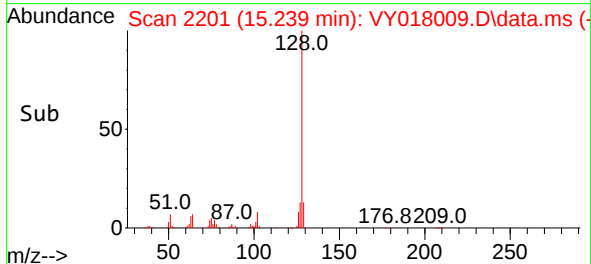
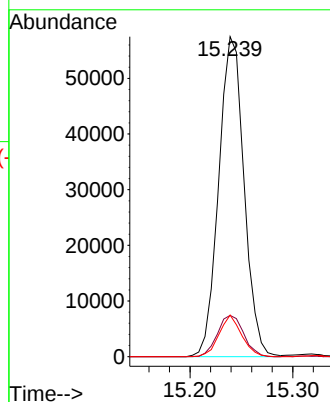
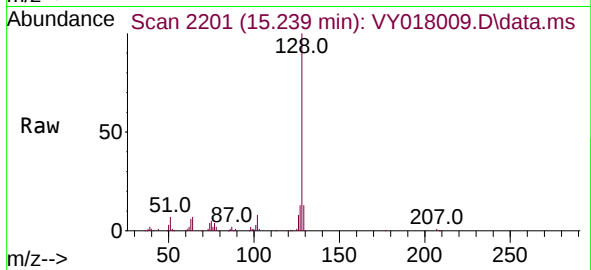
Tgt Ion:128 Resp: 98343

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.64 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018009.D

Acq: 22 Apr 2024 14:28

Tgt Ion:180 Resp: 54849

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 29.0 15.4 46.1

