

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017966.D
 Acq On : 18 Apr 2024 10:53
 Operator : SY/MD
 Sample : VY0418SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

Quant Time: Apr 19 01:58:35 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	7.795	168	404917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	646002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	567649	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	271834	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	162118	46.27	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.54%
35) Dibromofluoromethane	7.728	113	185845	46.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.26%
50) Toluene-d8	10.191	98	713864	47.20	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.40%
62) 4-Bromofluorobenzene	12.489	95	221923	47.38	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.76%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	64108	19.96	ug/l	99
3) Chloromethane	2.119	50	82928	15.58	ug/l	99
4) Vinyl Chloride	2.253	62	92925	15.49	ug/l	97
5) Bromomethane	2.650	94	66340	16.61	ug/l	98
6) Chloroethane	2.796	64	60170	15.89	ug/l	96
7) Trichlorofluoromethane	3.131	101	117350	17.36	ug/l	97
8) Diethyl Ether	3.540	74	40681	19.04	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	74794	17.76	ug/l	97
10) Methyl Iodide	4.095	142	110364	19.70	ug/l	97
11) Tert butyl alcohol	4.966	59	23449	83.78	ug/l #	90
12) 1,1-Dichloroethene	3.881	96	75645	18.51	ug/l	98
13) Acrolein	3.741	56	38724	141.90	ug/l	100
14) Allyl chloride	4.485	41	95636	18.08	ug/l	93
15) Acrylonitrile	5.168	53	82483	95.08	ug/l	99
16) Acetone	3.954	43	56159	81.11	ug/l	89
17) Carbon Disulfide	4.198	76	239208	18.40	ug/l	97
18) Methyl Acetate	4.491	43	32676	17.94	ug/l	98
19) Methyl tert-butyl Ether	5.229	73	164148	18.43	ug/l	98
20) Methylene Chloride	4.723	84	91840	19.58	ug/l	99
21) trans-1,2-Dichloroethene	5.229	96	82522	18.43	ug/l	97
22) Diisopropyl ether	6.131	45	219290	18.91	ug/l	98
23) Vinyl Acetate	6.070	43	638838	92.90	ug/l	99
24) 1,1-Dichloroethane	6.027	63	138002	18.23	ug/l	98
25) 2-Butanone	6.997	43	92586	90.98	ug/l	95
26) 2,2-Dichloropropane	6.990	77	108841	17.92	ug/l	98
27) cis-1,2-Dichloroethene	6.997	96	96231	18.82	ug/l	99
28) Bromochloromethane	7.344	49	62676	21.04	ug/l	99
29) Tetrahydrofuran	7.362	42	60722	94.02	ug/l	97
30) Chloroform	7.515	83	143586	18.56	ug/l	99
31) Cyclohexane	7.795	56	115800	17.29	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	117711	18.26	ug/l	98
36) 1,1-Dichloropropene	7.923	75	103091	17.79	ug/l	98
37) Ethyl Acetate	7.082	43	45100	18.91	ug/l	97
38) Carbon Tetrachloride	7.905	117	107895	18.43	ug/l	95
39) Methylcyclohexane	9.191	83	128556	17.02	ug/l	94
40) Benzene	8.167	78	338146	18.63	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	23110	15.36	ug/l	97
42) 1,2-Dichloroethane	8.246	62	76499	18.39	ug/l	98
43) Isopropyl Acetate	8.283	43	78551	17.67	ug/l	99
44) Trichloroethene	8.947	130	85793	18.60	ug/l	99
45) 1,2-Dichloropropane	9.222	63	77900	18.64	ug/l	98
46) Dibromomethane	9.313	93	43542	18.84	ug/l	95
47) Bromodichloromethane	9.502	83	108746	18.75	ug/l	98
48) Methyl methacrylate	9.301	41	36363	17.85	ug/l	98
49) 1,4-Dioxane	9.307	88	9510	360.37	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	224510	95.27	ug/l	97
52) Toluene	10.252	92	209749	18.83	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	97056	18.33	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	120241	18.49	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	59419	18.91	ug/l	95
56) Ethyl methacrylate	10.514	69	74257	18.13	ug/l	98
57) 1,3-Dichloropropane	10.801	76	99325	18.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	204099	95.84	ug/l	100
59) 2-Hexanone	10.837	43	149030	92.65	ug/l	98
60) Dibromochloromethane	10.996	129	77288	19.14	ug/l	98
61) 1,2-Dibromoethane	11.099	107	56281	19.22	ug/l	98
64) Tetrachloroethene	10.728	164	77651	19.10	ug/l	97
65) Chlorobenzene	11.526	112	233699	18.78	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	77543	18.90	ug/l	99
67) Ethyl Benzene	11.599	91	381747	18.22	ug/l	97
68) m/p-Xylenes	11.709	106	301208	37.44	ug/l	99
69) o-Xylene	12.038	106	138781	18.47	ug/l	99
70) Styrene	12.050	104	240254	18.92	ug/l	98
71) Bromoform	12.215	173	45457	19.18	ug/l #	99
73) Isopropylbenzene	12.337	105	356243	17.99	ug/l	99
74) N-amyl acetate	12.154	43	67022	16.76	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	68282	18.48	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	80103	31.40	ug/l #	100
77) Bromobenzene	12.617	156	90492	18.88	ug/l	96
78) n-propylbenzene	12.678	91	433084	18.02	ug/l	99
79) 2-Chlorotoluene	12.764	91	244924	18.21	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	289925	18.46	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	22268	18.00	ug/l	98
82) 4-Chlorotoluene	12.861	91	250737	18.00	ug/l	97
83) tert-Butylbenzene	13.081	119	256230	17.86	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	289059	18.48	ug/l	99
85) sec-Butylbenzene	13.258	105	382838	17.77	ug/l	99
86) p-Isopropyltoluene	13.380	119	314490	17.76	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	176031	18.51	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	173910	18.63	ug/l	99
89) n-Butylbenzene	13.703	91	285140	17.12	ug/l	99
90) Hexachloroethane	13.971	117	64972	17.90	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	152566	18.59	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8396	17.67	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	81112	16.98	ug/l	99
94) Hexachlorobutadiene	15.117	225	49248	17.37	ug/l	99
95) Naphthalene	15.245	128	128534	16.32	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	68654	17.12	ug/l	99

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Instrument :
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ClientSampleId :
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QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

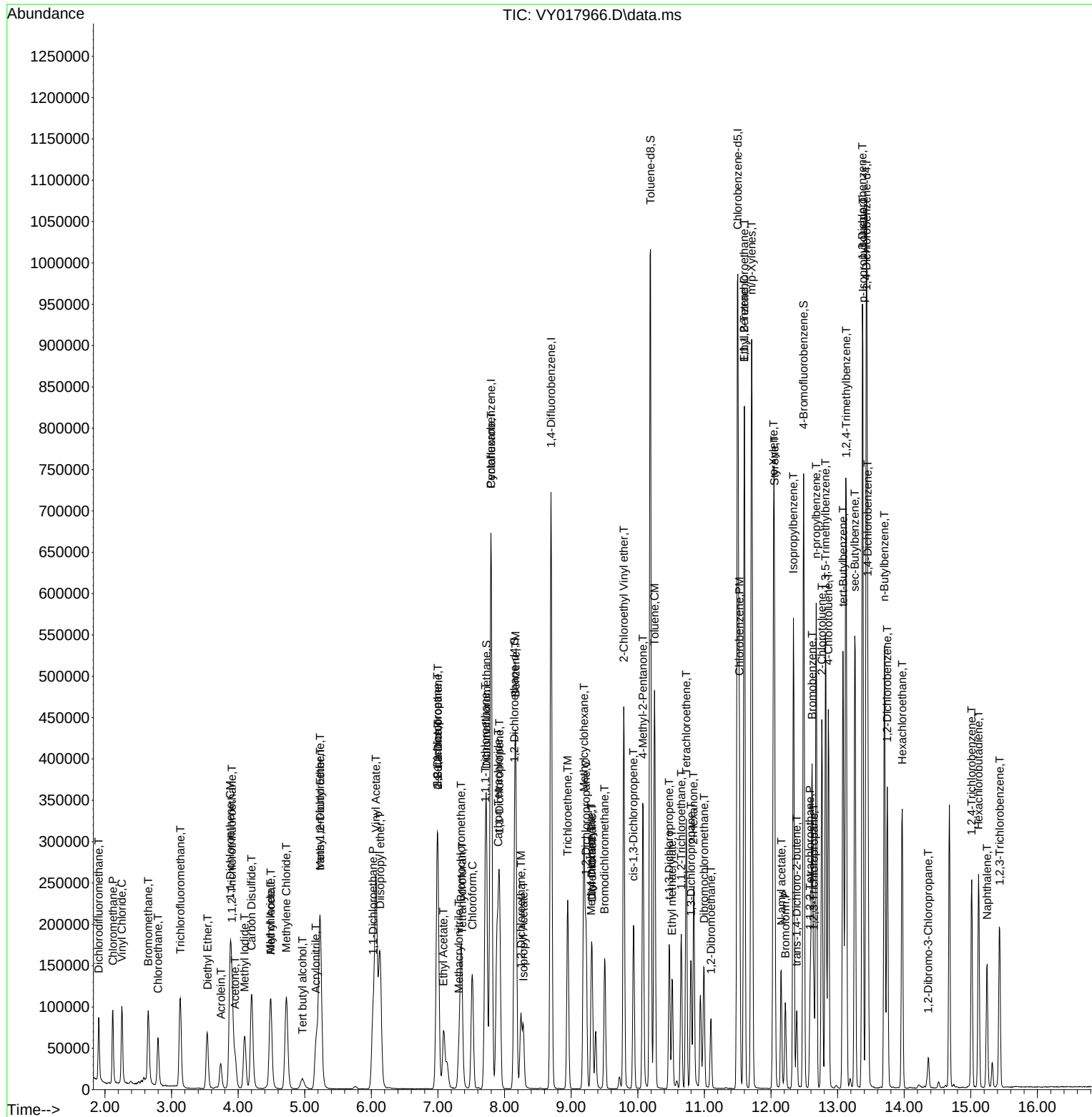
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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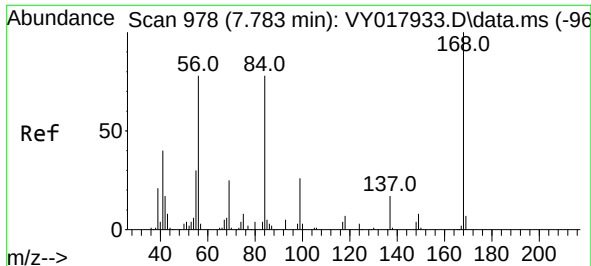
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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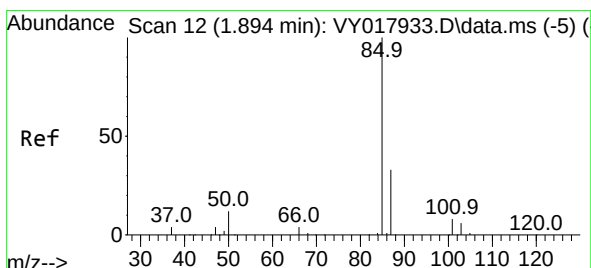
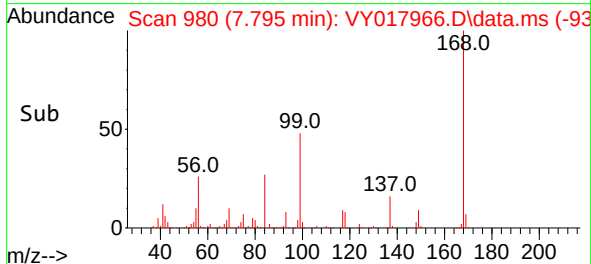
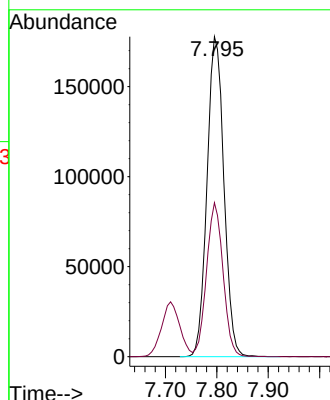
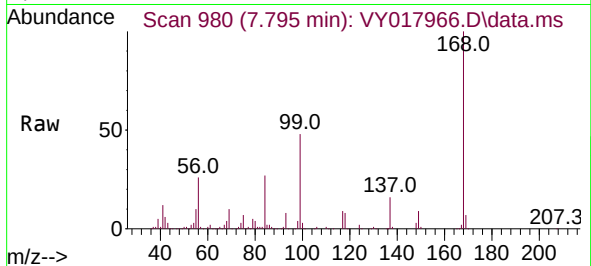




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017966.D
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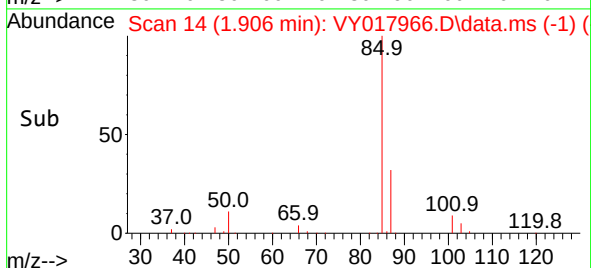
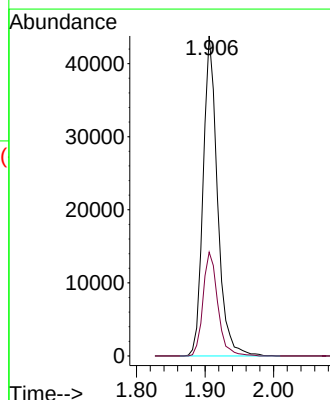
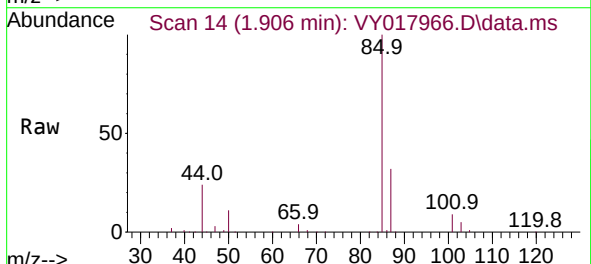
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

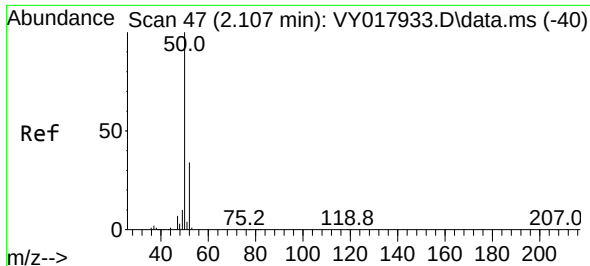
Tgt Ion:168 Resp: 404917
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.96 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 85 Resp: 64108
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0

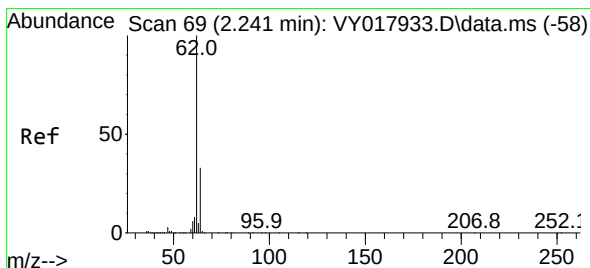
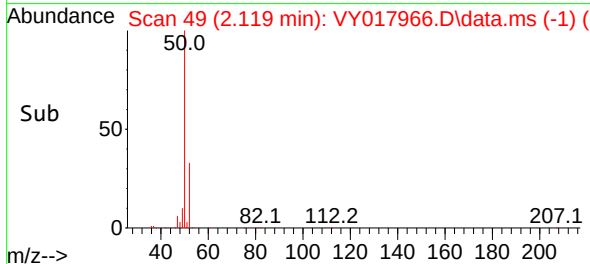
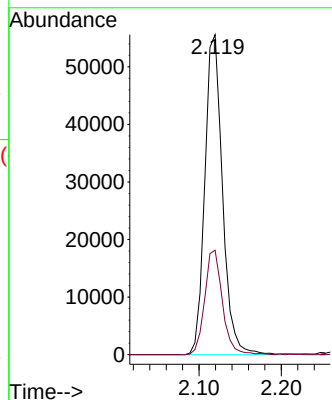
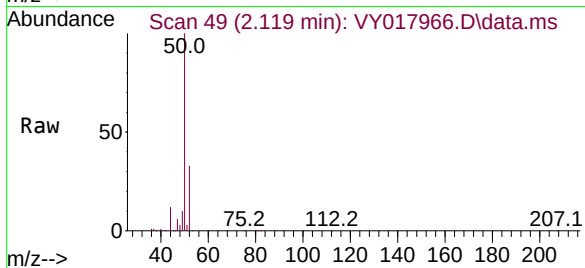




#3
Chloromethane
Concen: 15.58 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

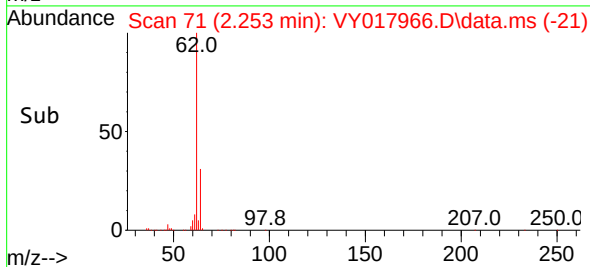
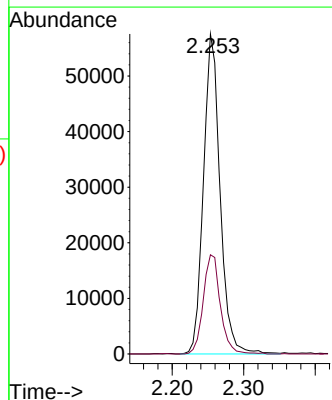
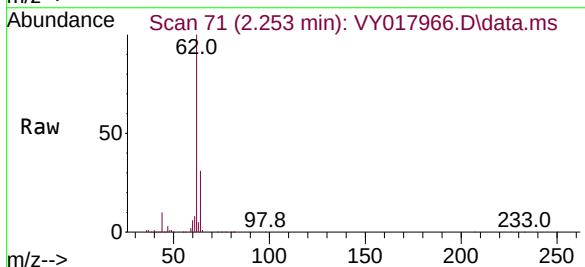
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

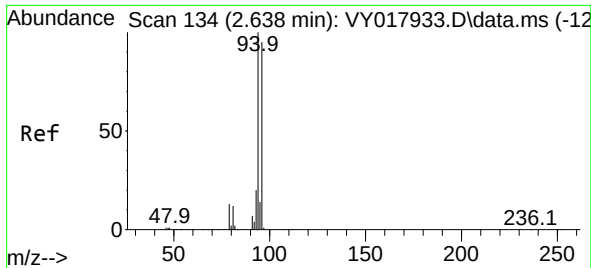
Tgt Ion: 50 Resp: 82928
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 15.49 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 62 Resp: 92925
Ion Ratio Lower Upper
62 100
64 31.0 26.1 39.1





#5

Bromomethane

Concen: 16.61 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

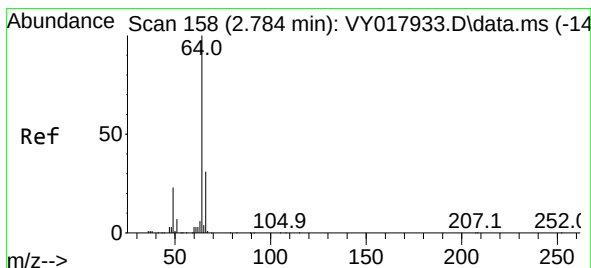
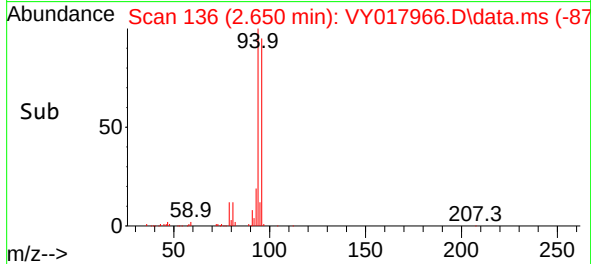
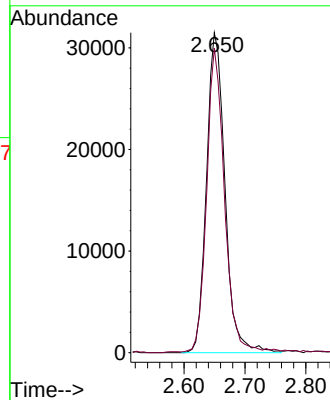
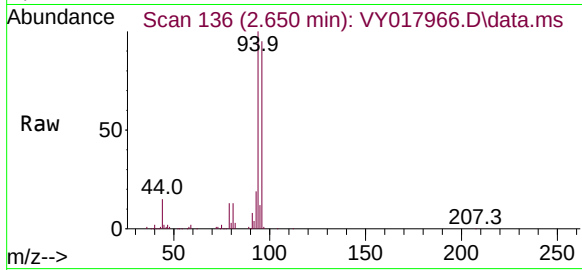
VY0418SBS01

Tgt Ion: 94 Resp: 66340

Ion Ratio Lower Upper

94 100

96 94.9 74.1 111.1



#6

Chloroethane

Concen: 15.89 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.006 min

Lab File: VY017966.D

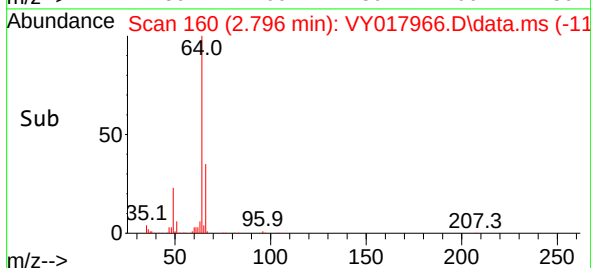
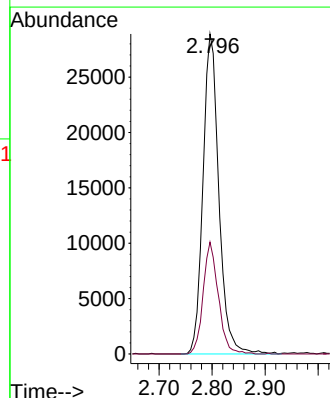
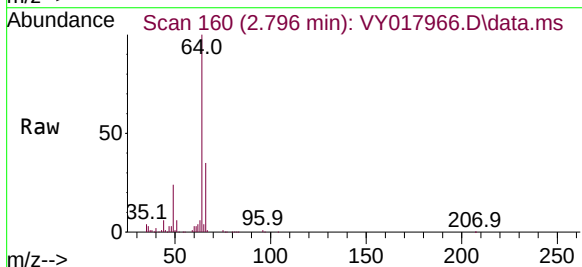
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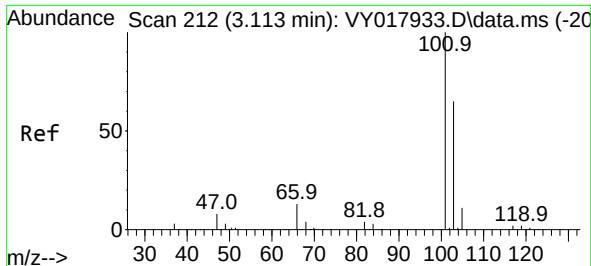
Tgt Ion: 64 Resp: 60170

Ion Ratio Lower Upper

64 100

66 35.0 26.1 39.1

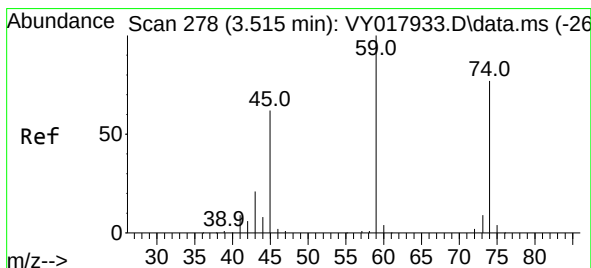
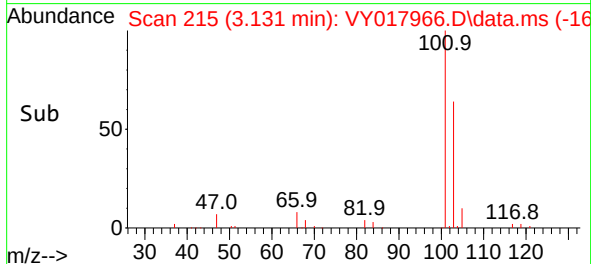
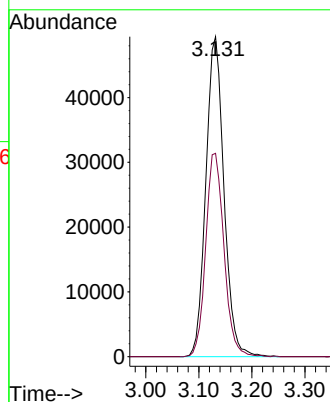
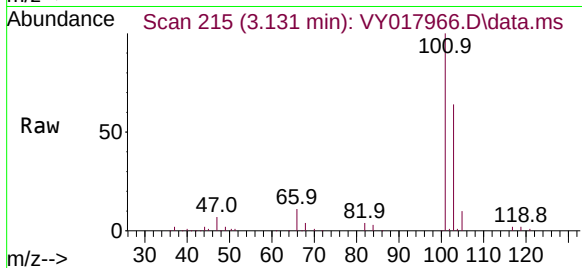




#7
Trichlorofluoromethane
Concen: 17.36 ug/l
RT: 3.131 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

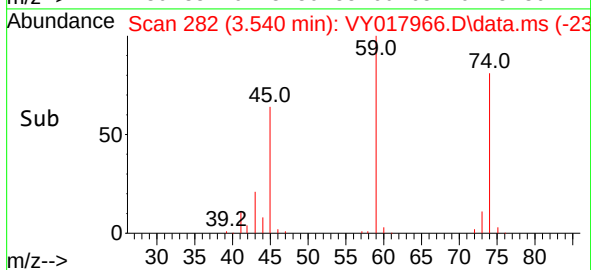
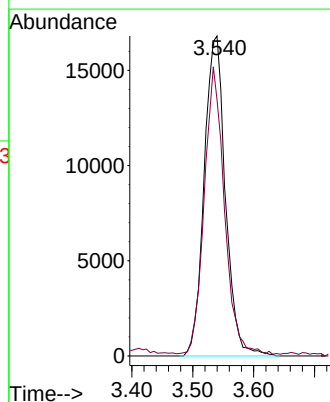
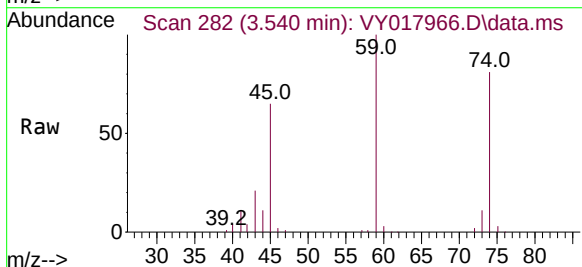
Instrument :
MSVOA_Y
ClientSampleId :
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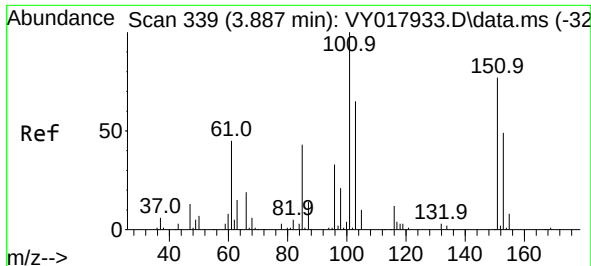
Tgt Ion:101 Resp: 117350
Ion Ratio Lower Upper
101 100
103 63.6 49.3 73.9



#8
Diethyl Ether
Concen: 19.04 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.012 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 74 Resp: 40681
Ion Ratio Lower Upper
74 100
45 85.4 41.3 124.1

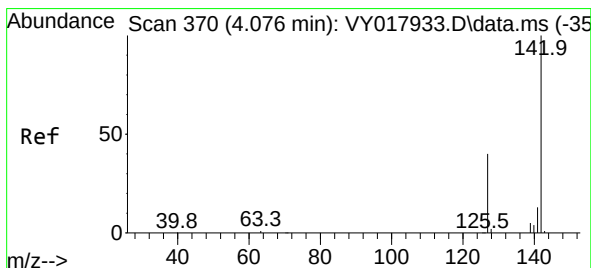
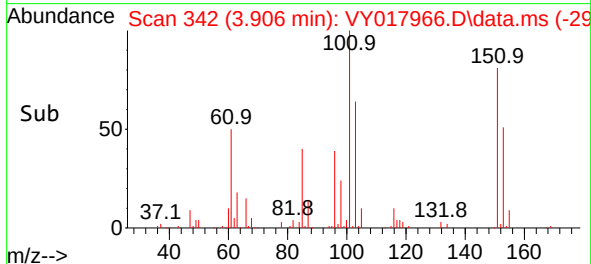
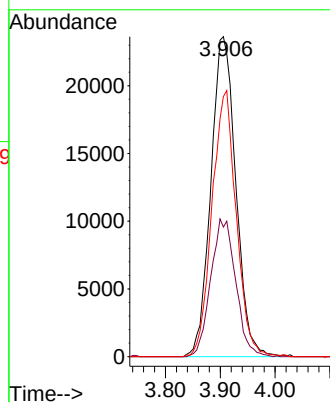
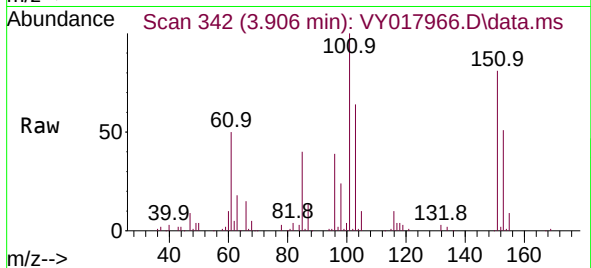




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.76 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

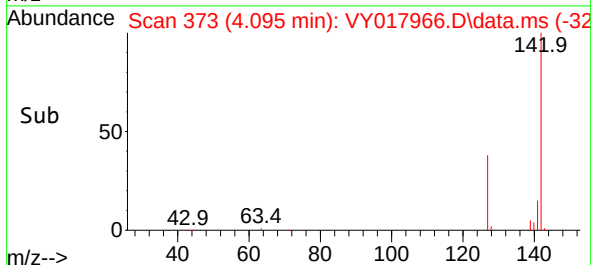
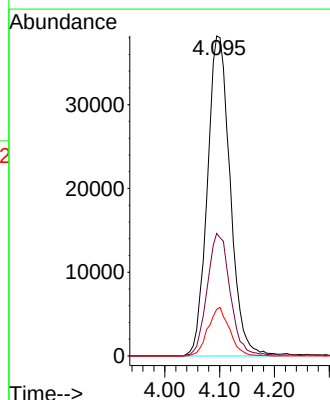
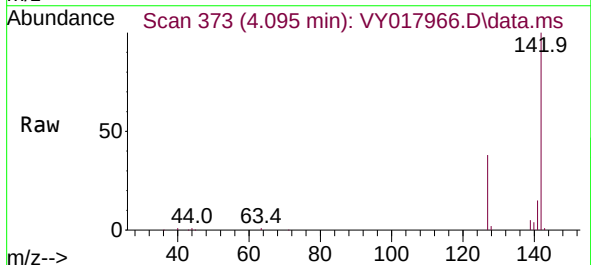
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

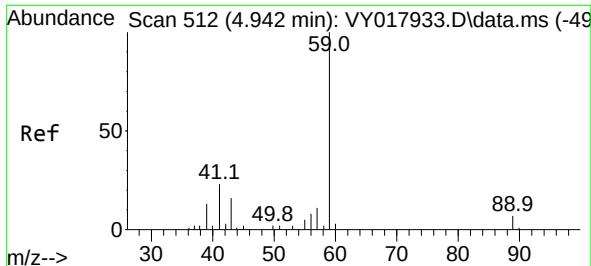
Tgt Ion:101 Resp: 74794
Ion Ratio Lower Upper
101 100
85 43.0 34.5 51.7
151 80.7 61.7 92.5



#10
Methyl Iodide
Concen: 19.70 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion:142 Resp: 110364
Ion Ratio Lower Upper
142 100
127 38.8 32.8 49.2
141 14.4 11.4 17.2

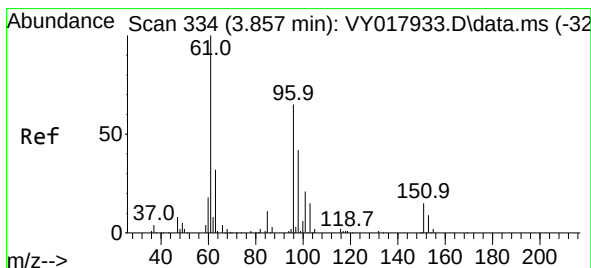
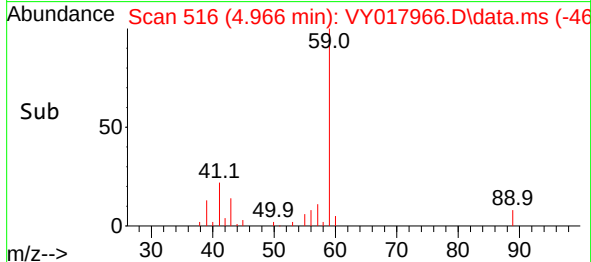
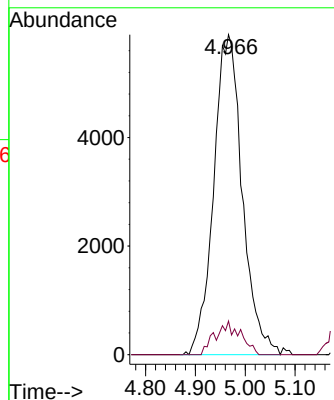
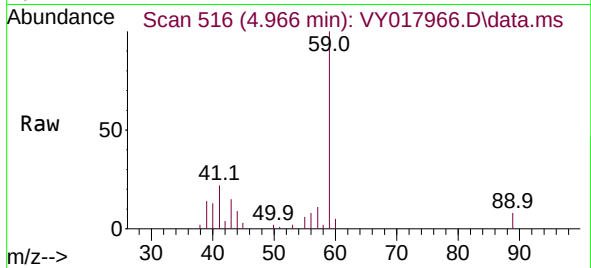




#11
Tert butyl alcohol
Concen: 83.78 ug/l
RT: 4.966 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

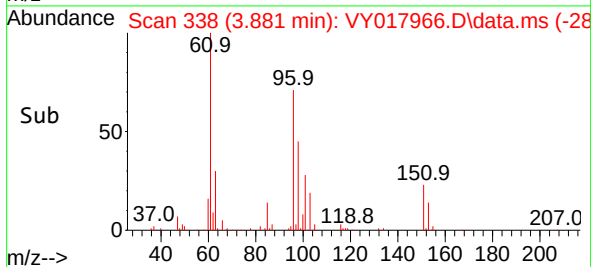
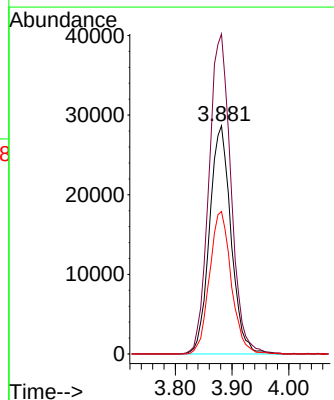
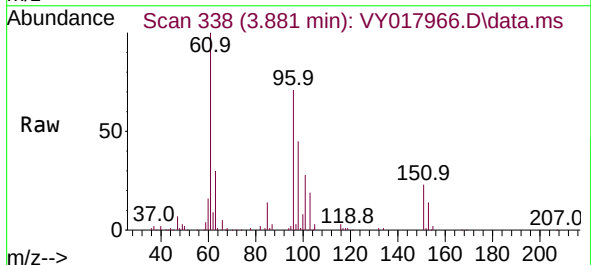
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

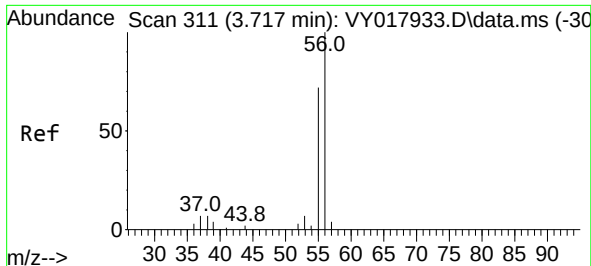
Tgt Ion: 59 Resp: 23449
Ion Ratio Lower Upper
59 100
57 7.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.51 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 96 Resp: 75645
Ion Ratio Lower Upper
96 100
61 140.2 114.6 171.8
98 62.4 50.8 76.2





#13

Acrolein

Concen: 141.90 ug/l

RT: 3.741 min Scan# 311

Delta R.T. 0.012 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

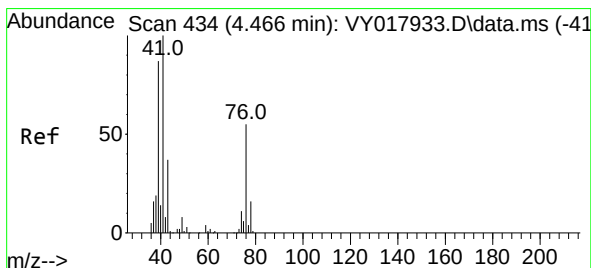
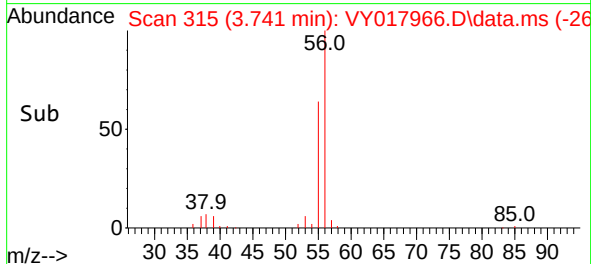
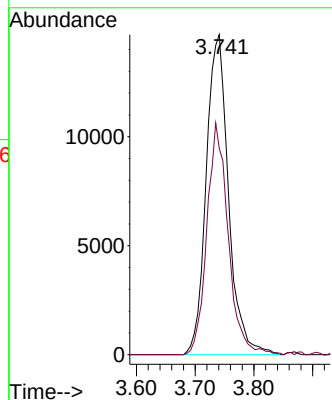
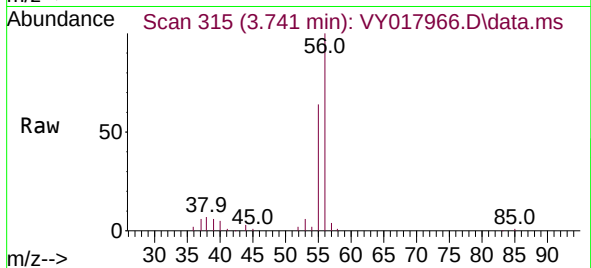
VY0418SBS01

Tgt Ion: 56 Resp: 38724

Ion Ratio Lower Upper

56 100

55 69.2 55.7 83.5



#14

Allyl chloride

Concen: 18.08 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

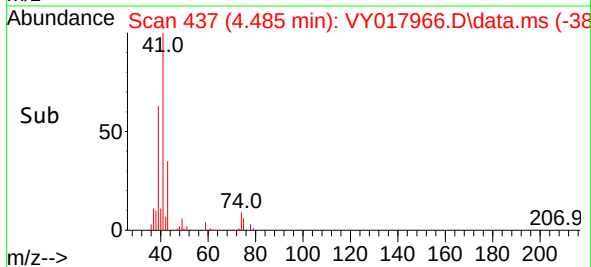
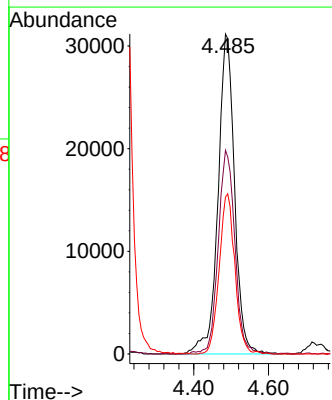
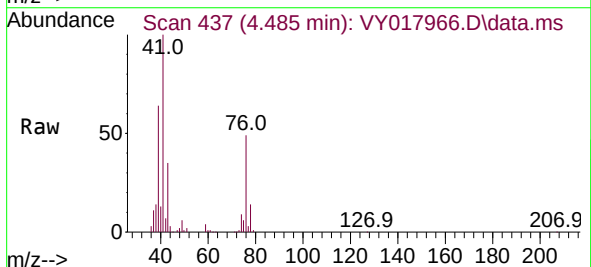
Tgt Ion: 41 Resp: 95636

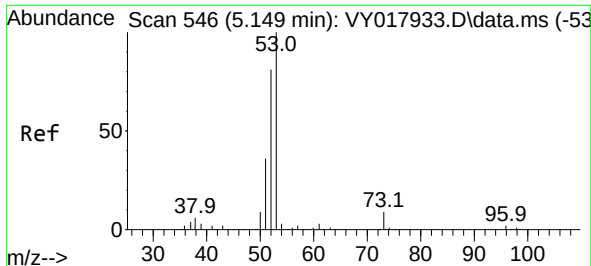
Ion Ratio Lower Upper

41 100

39 64.2 58.3 87.5

76 47.3 39.0 58.6

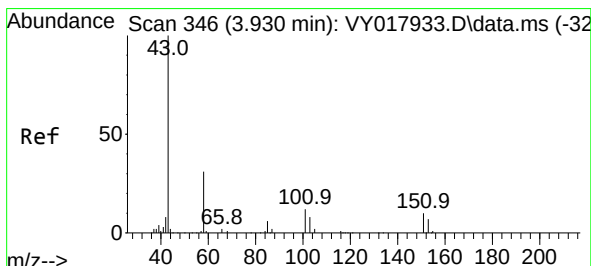
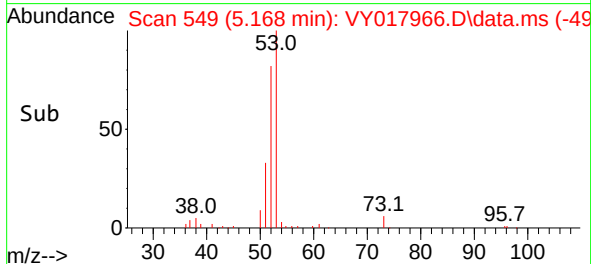
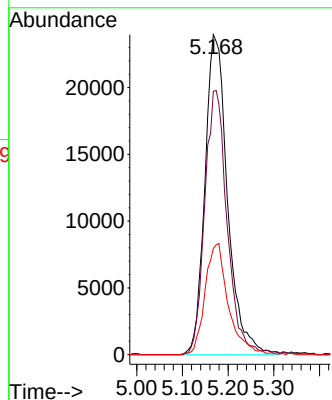
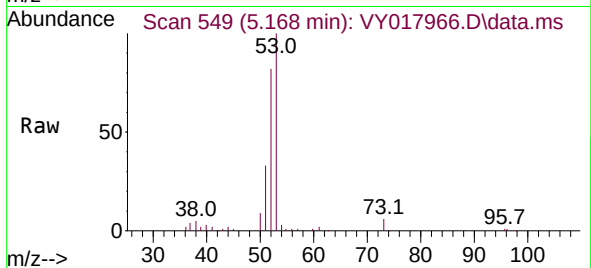




#15
Acrylonitrile
Concen: 95.08 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

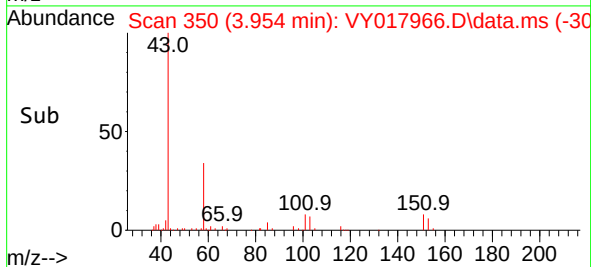
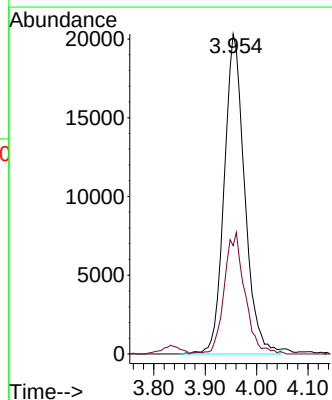
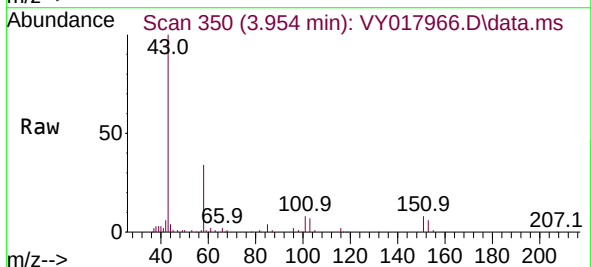
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

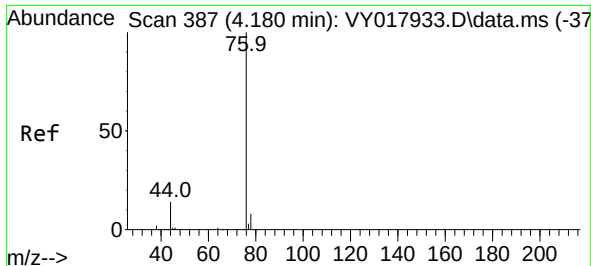
Tgt Ion: 53 Resp: 82483
Ion Ratio Lower Upper
53 100
52 81.8 64.7 97.1
51 35.9 28.4 42.6



#16
Acetone
Concen: 81.11 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 43 Resp: 56159
Ion Ratio Lower Upper
43 100
58 33.1 31.7 47.5

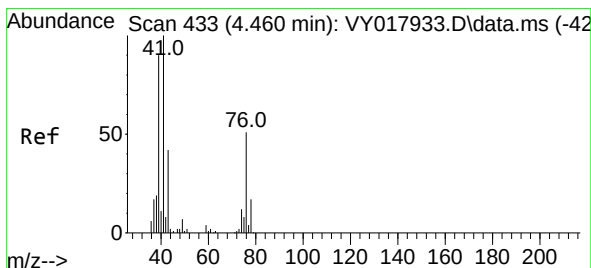
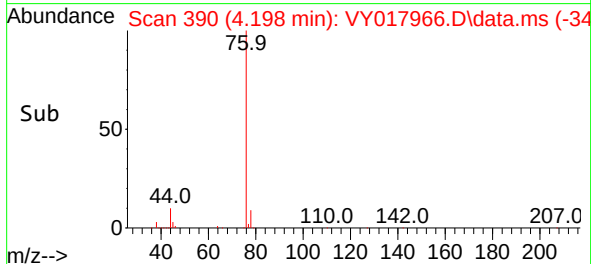
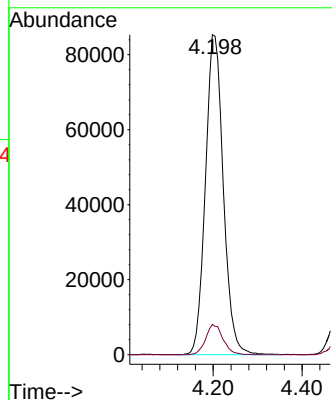
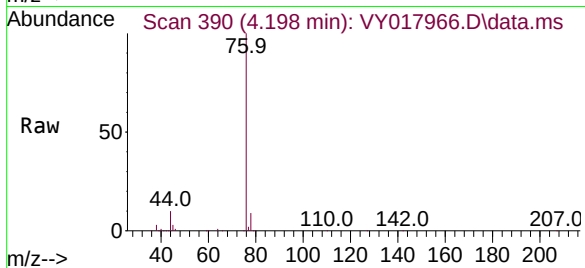




#17
Carbon Disulfide
Concen: 18.40 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

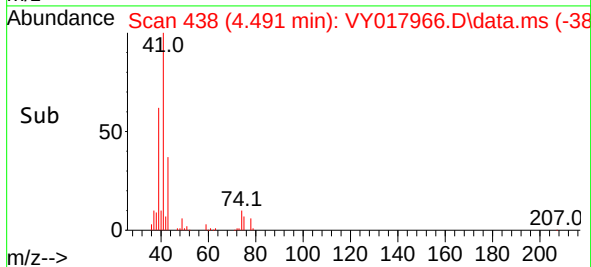
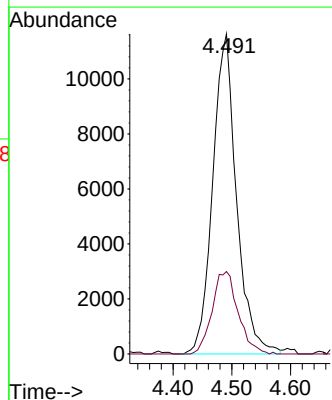
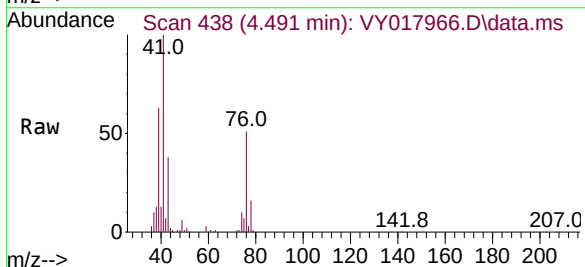
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

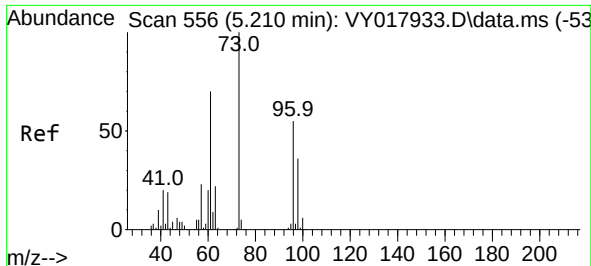
Tgt Ion: 76 Resp: 239208
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 17.94 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 43 Resp: 32676
Ion Ratio Lower Upper
43 100
74 28.1 23.3 34.9

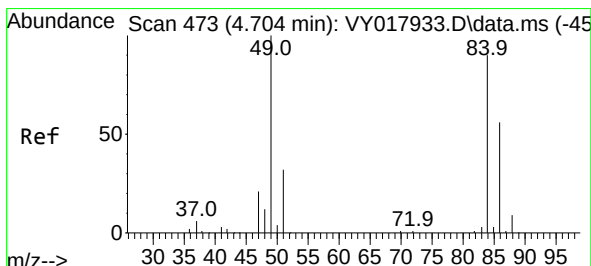
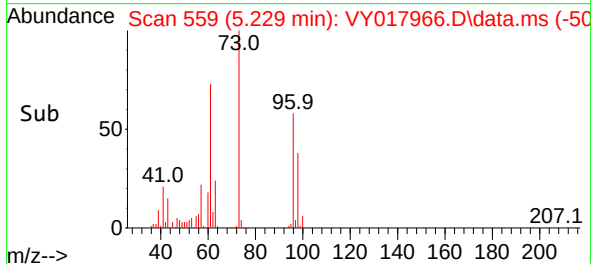
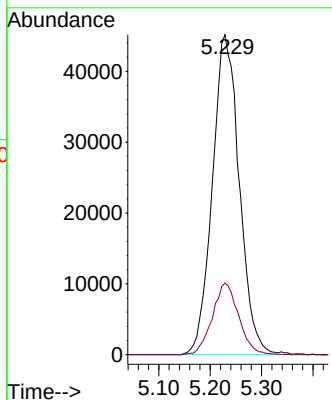
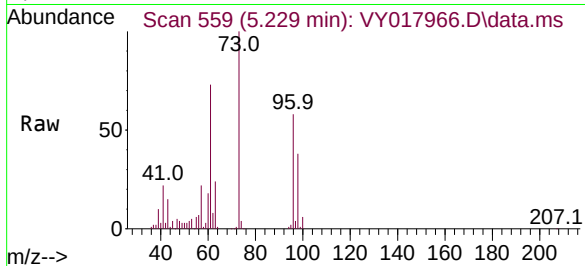




#19
Methyl tert-butyl Ether
Concen: 18.43 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

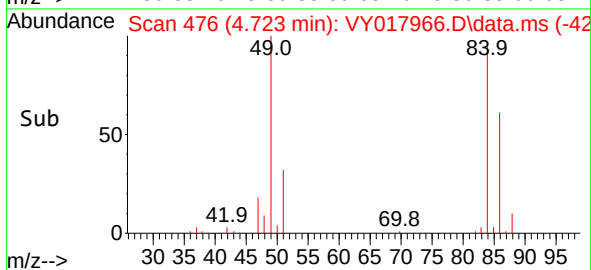
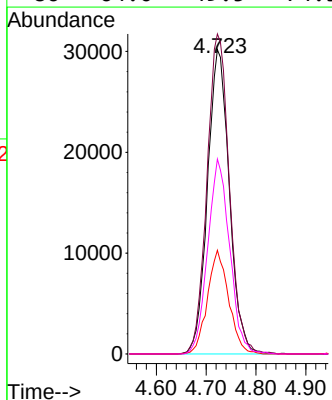
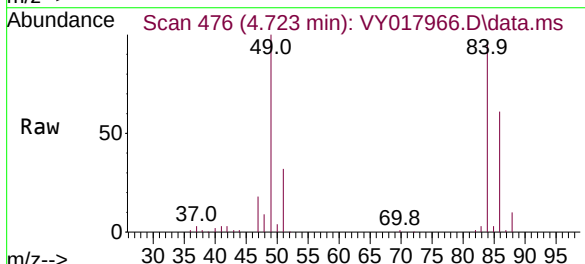
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

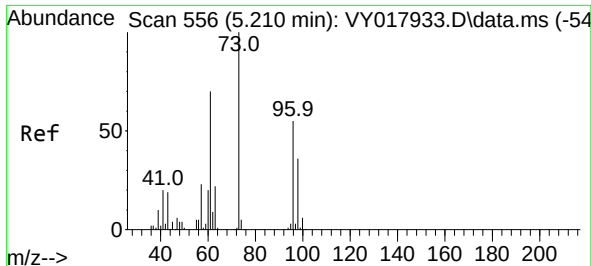
Tgt Ion: 73 Resp: 164148
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 19.58 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 84 Resp: 91840
Ion Ratio Lower Upper
84 100
49 105.1 84.4 126.6
51 34.1 26.0 39.0
86 64.0 49.5 74.3

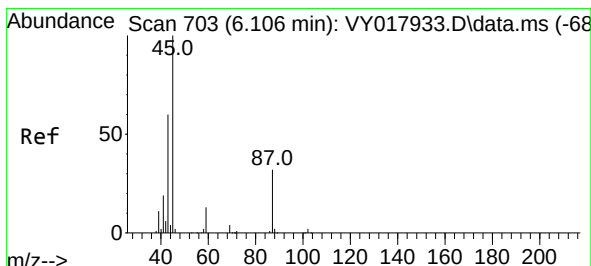
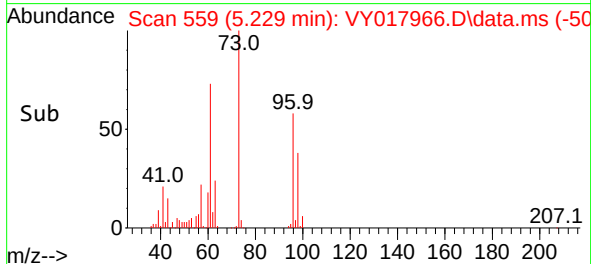
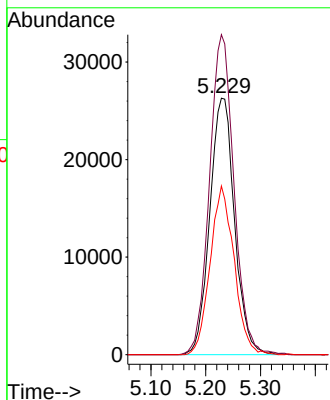
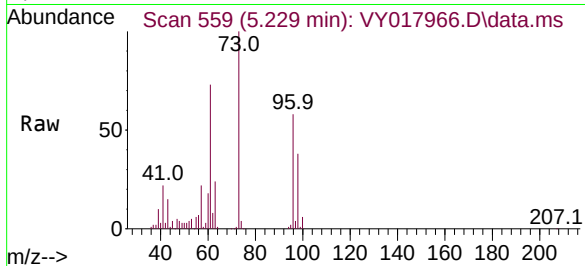




#21
trans-1,2-Dichloroethene
Concen: 18.43 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

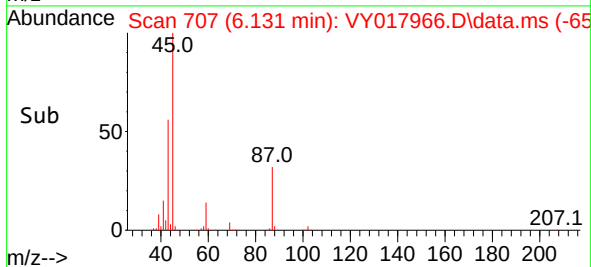
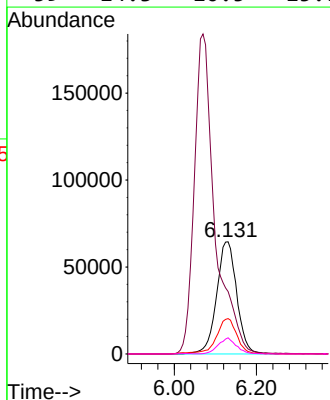
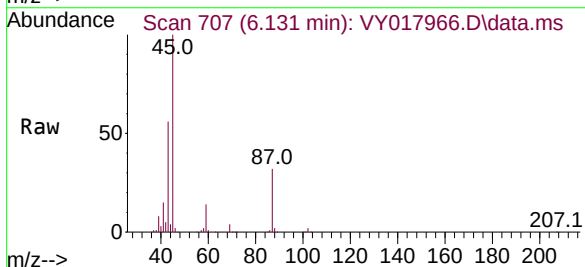
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

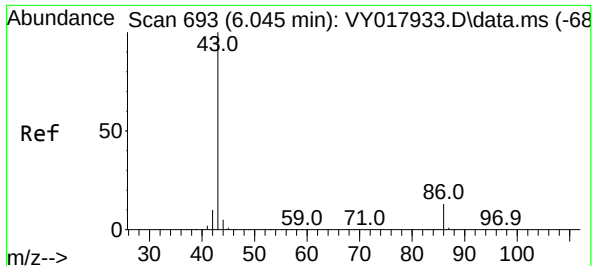
Tgt Ion: 96 Resp: 82522
Ion Ratio Lower Upper
96 100
61 124.7 97.5 146.3
98 65.7 50.5 75.7



#22
Diisopropyl ether
Concen: 18.91 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 45 Resp: 219290
Ion Ratio Lower Upper
45 100
43 55.1 42.2 63.2
87 31.5 25.0 37.6
59 14.3 10.5 15.7

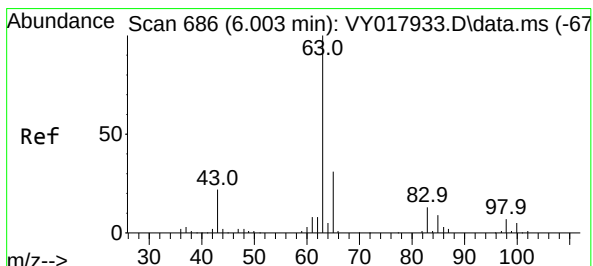
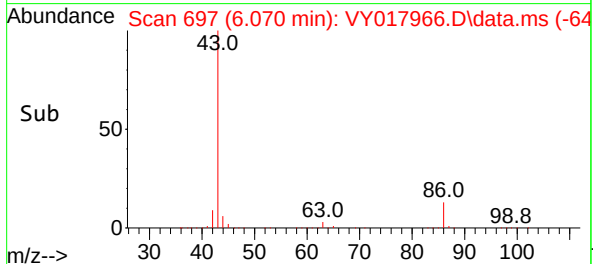
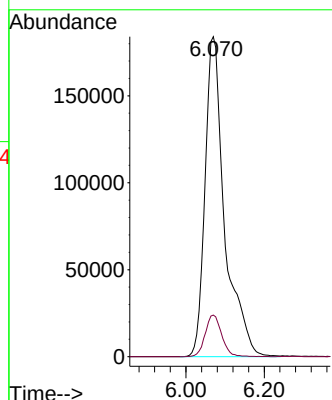
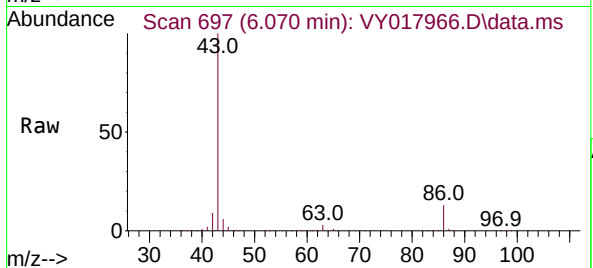




#23
 Vinyl Acetate
 Concen: 92.90 ug/l
 RT: 6.070 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY017966.D
 Acq: 18 Apr 2024 10:53

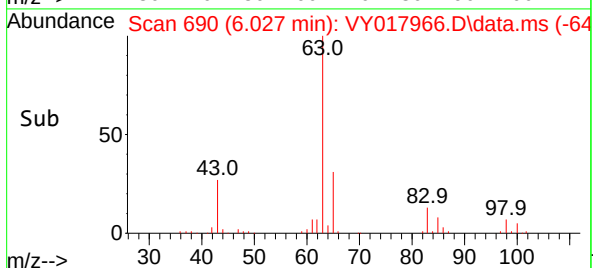
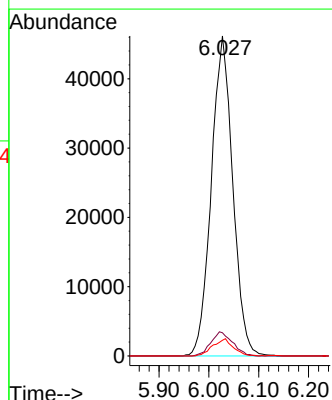
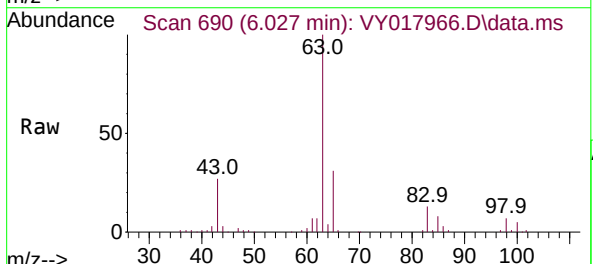
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

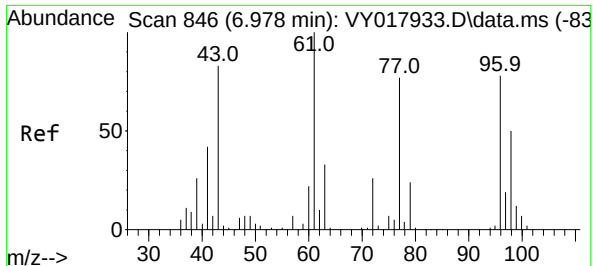
Tgt Ion: 43 Resp: 638838
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 18.23 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY017966.D
 Acq: 18 Apr 2024 10:53

Tgt Ion: 63 Resp: 138002
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 90.98 ug/l

RT: 6.997 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

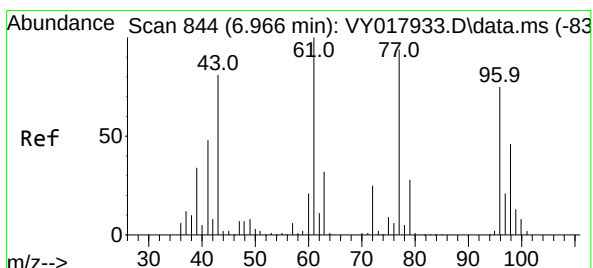
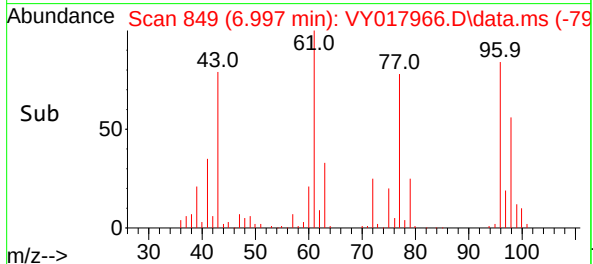
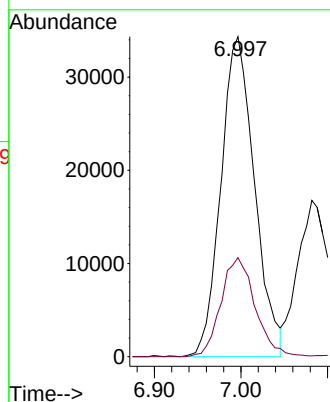
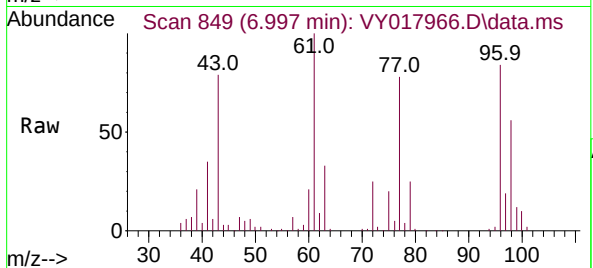
VY0418SBS01

Tgt Ion: 43 Resp: 92586

Ion Ratio Lower Upper

43 100

72 31.0 27.3 40.9



#26

2,2-Dichloropropane

Concen: 17.92 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY017966.D

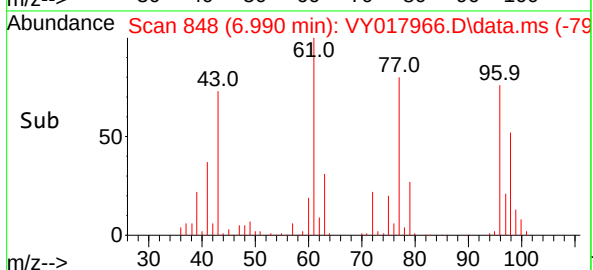
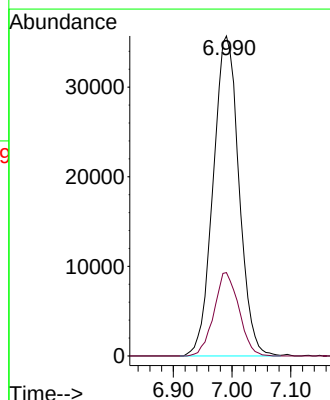
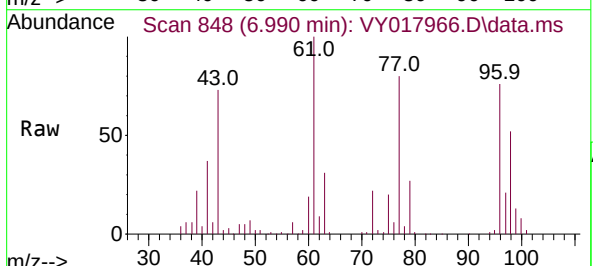
Acq: 18 Apr 2024 10:53

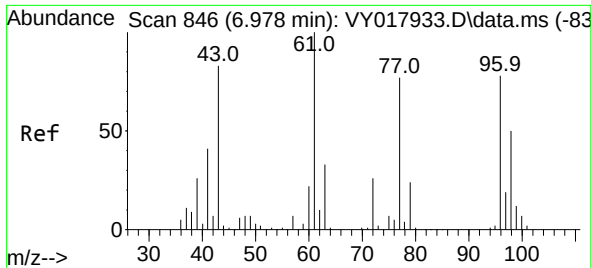
Tgt Ion: 77 Resp: 108841

Ion Ratio Lower Upper

77 100

97 25.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 18.82 ug/l

RT: 6.997 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

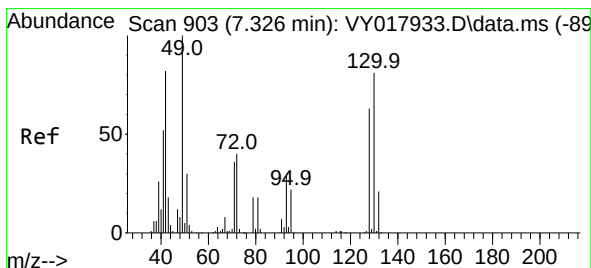
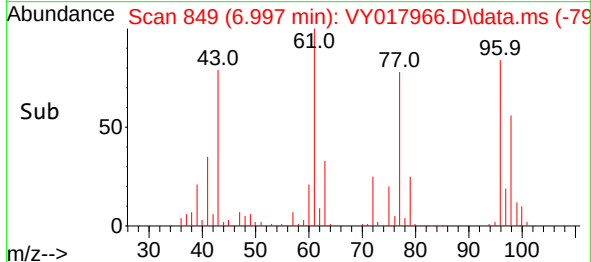
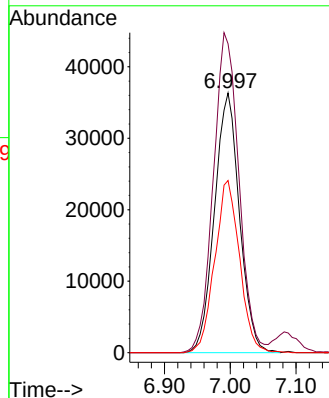
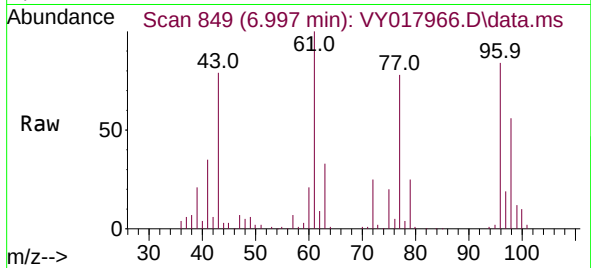
Tgt Ion: 96 Resp: 96231

Ion Ratio Lower Upper

96 100

61 126.3 0.0 256.2

98 65.9 0.0 130.0



#28

Bromochloromethane

Concen: 21.04 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

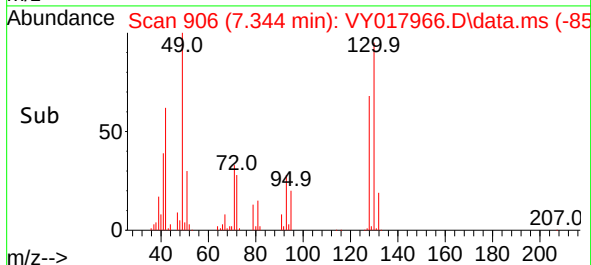
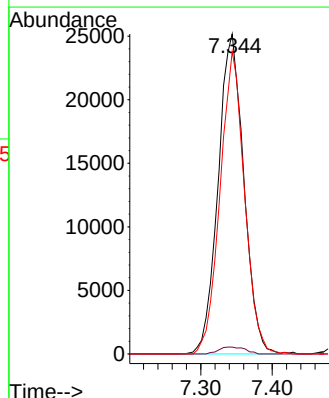
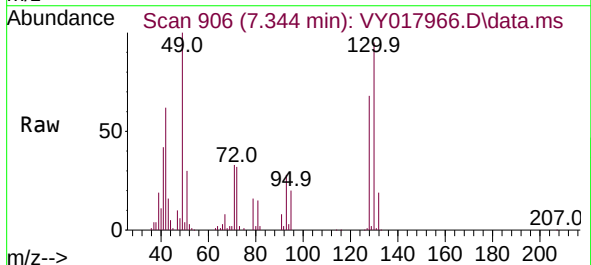
Tgt Ion: 49 Resp: 62676

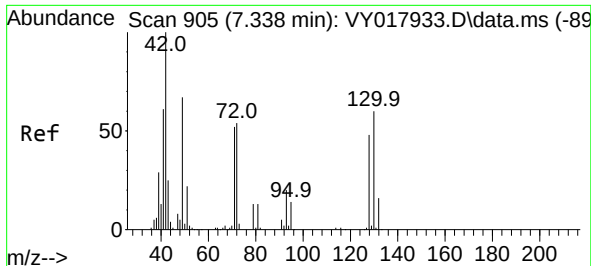
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 89.9 72.7 109.1

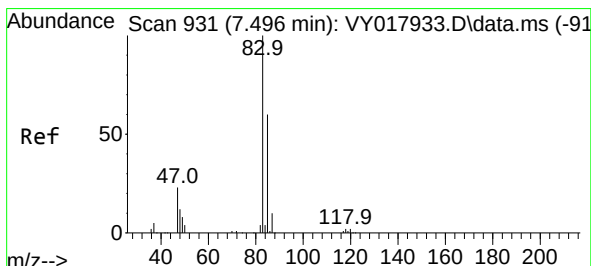
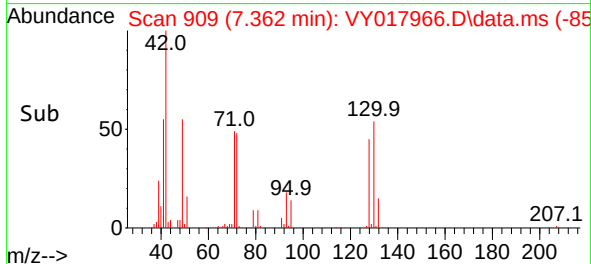
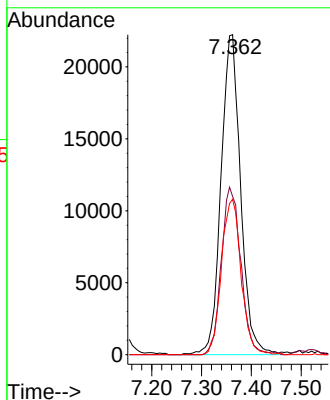
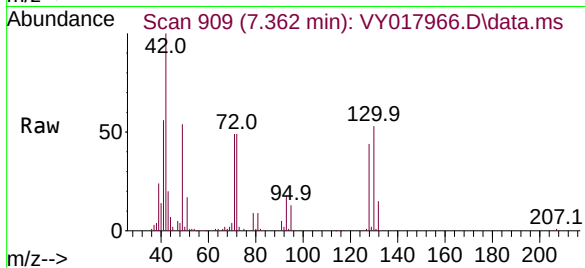




#29
Tetrahydrofuran
Concen: 94.02 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.012 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

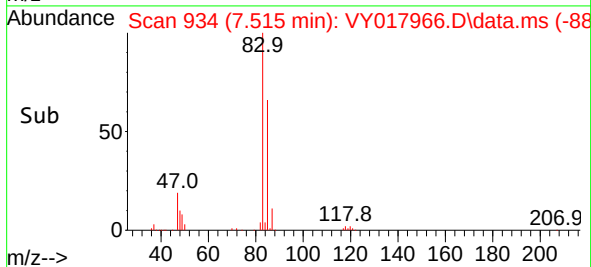
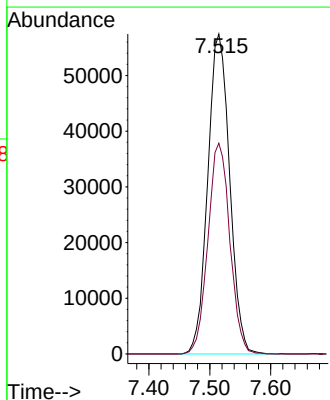
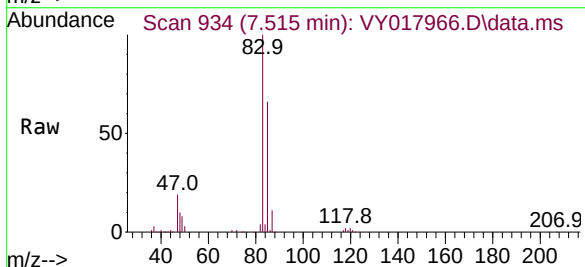
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

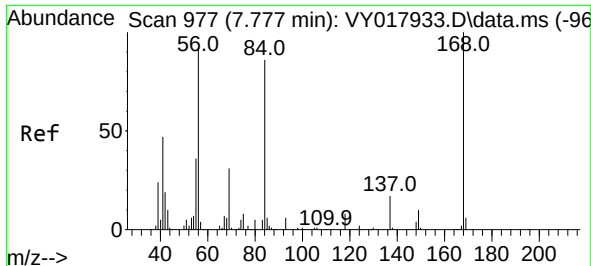
Tgt Ion: 42 Resp: 60722
Ion Ratio Lower Upper
42 100
72 52.1 43.0 64.4
71 48.8 40.8 61.2



#30
Chloroform
Concen: 18.56 ug/l
RT: 7.515 min Scan# 934
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 83 Resp: 143586
Ion Ratio Lower Upper
83 100
85 65.8 52.2 78.4

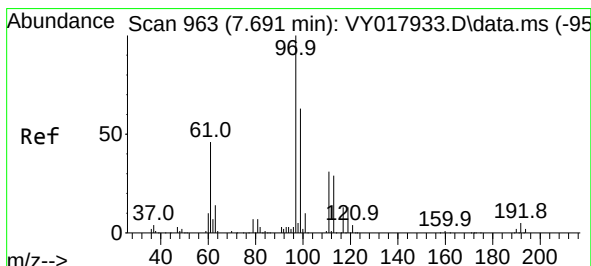
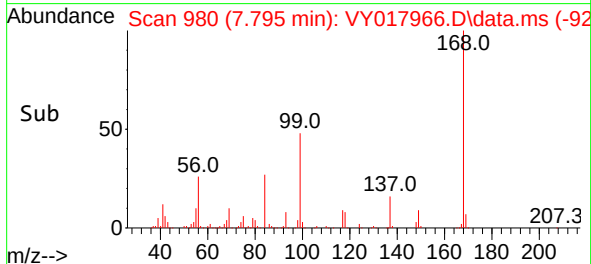
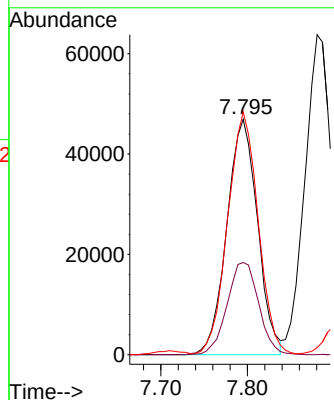
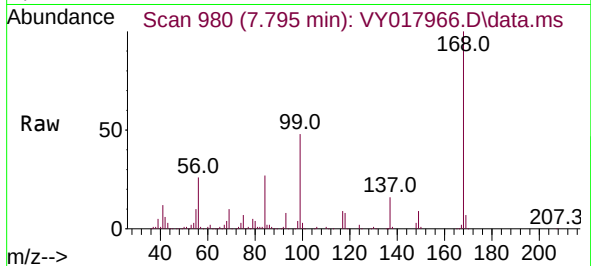




#31
Cyclohexane
Concen: 17.29 ug/l
RT: 7.795 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

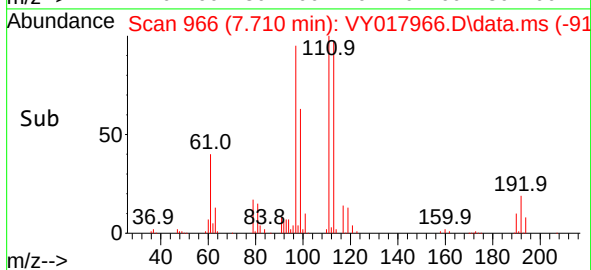
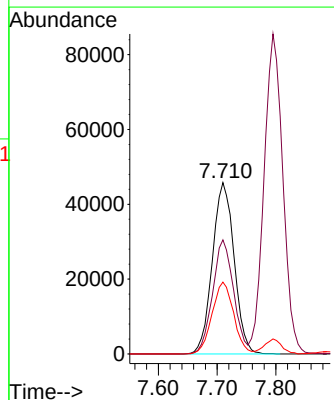
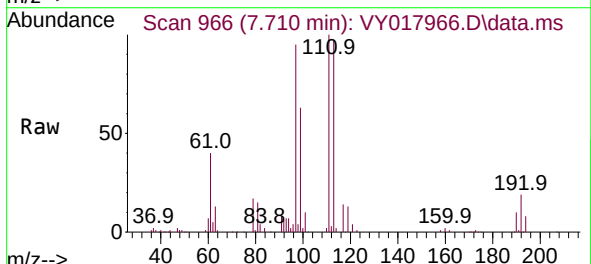
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

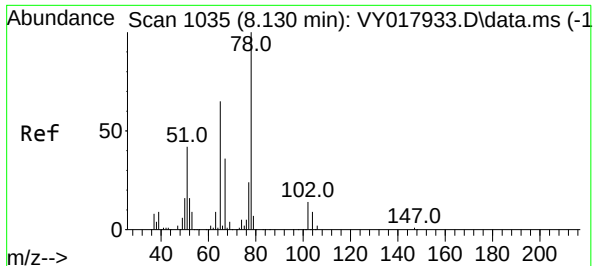
Tgt Ion: 56 Resp: 115800
Ion Ratio Lower Upper
56 100
69 39.2 28.7 43.1
84 101.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 18.26 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 97 Resp: 117711
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 41.6 32.6 48.8

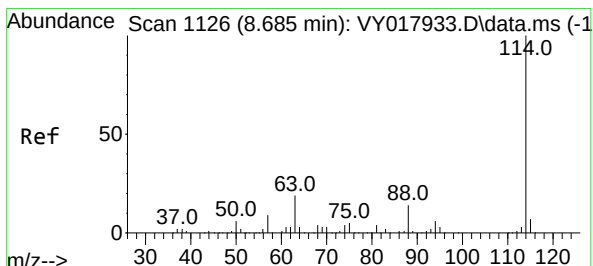
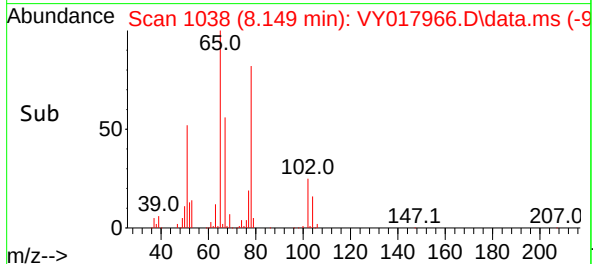
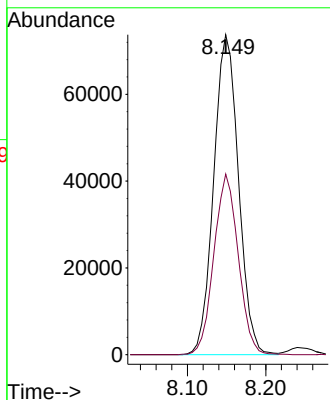
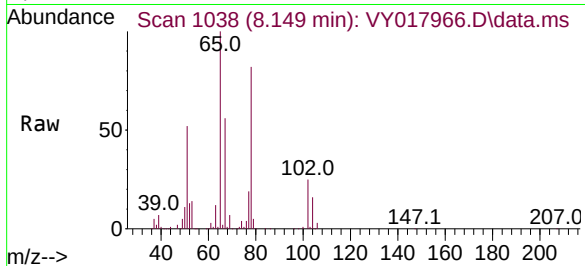




#33
1,2-Dichloroethane-d4
Concen: 46.27 ug/l
RT: 8.149 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

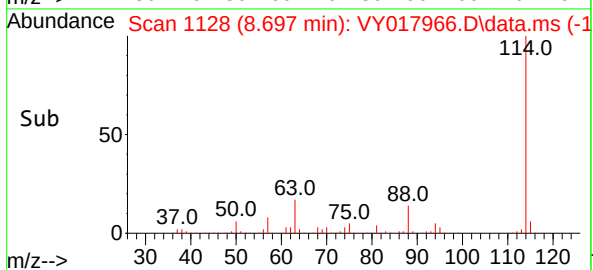
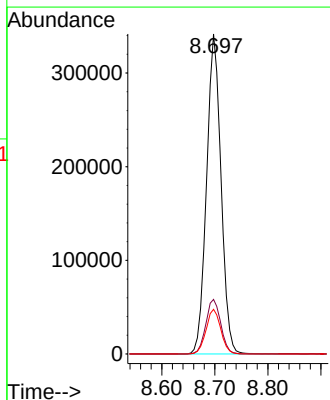
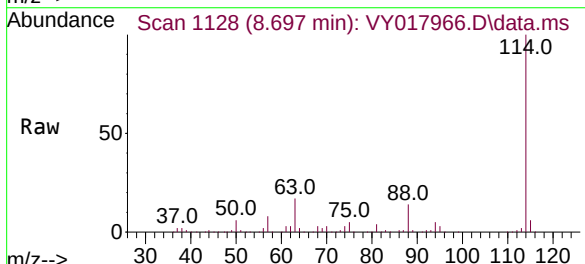
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

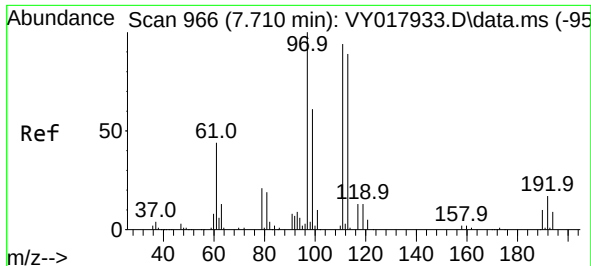
Tgt Ion: 65 Resp: 162118
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 114 Resp: 646002
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.0
88 14.0 0.0 27.2

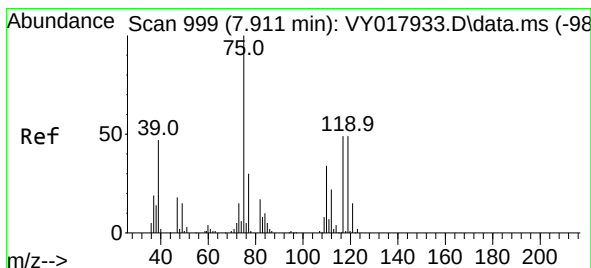
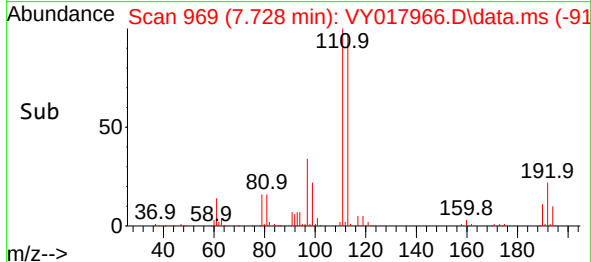
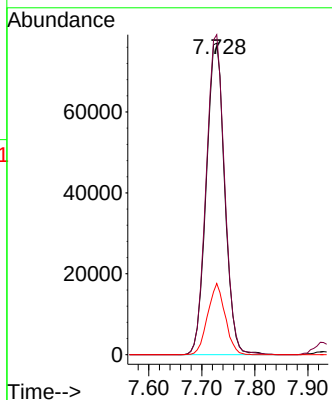
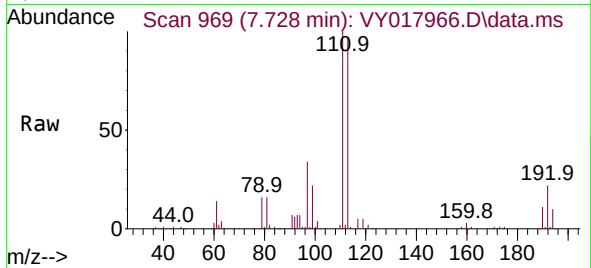




#35
Dibromofluoromethane
Concen: 46.63 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

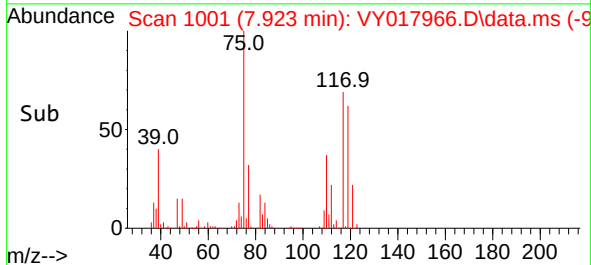
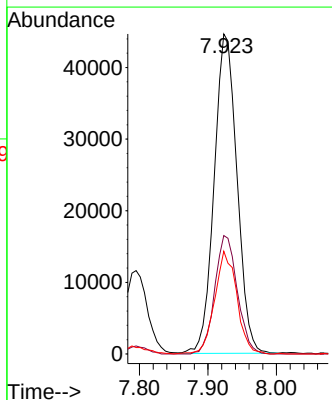
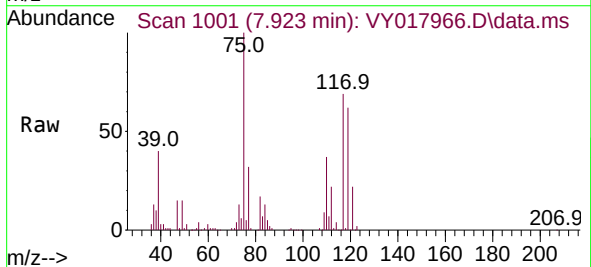
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

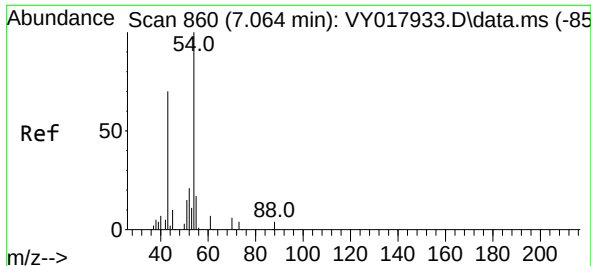
Tgt Ion:113 Resp: 185845
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 21.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 17.79 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 75 Resp: 103091
Ion Ratio Lower Upper
75 100
110 36.5 19.0 57.0
77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 18.91 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

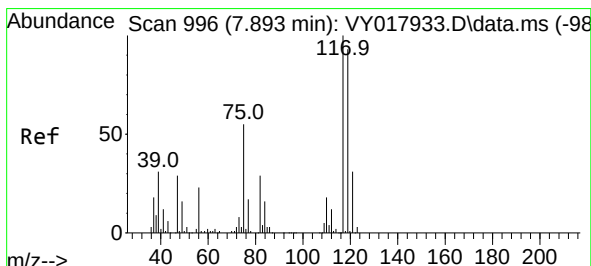
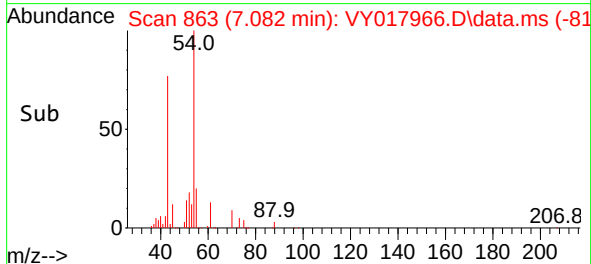
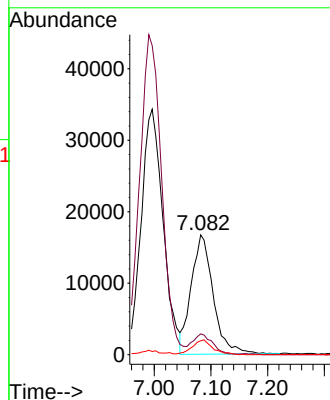
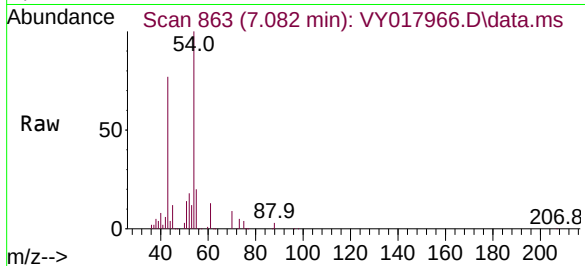
Tgt Ion: 43 Resp: 45100

Ion Ratio Lower Upper

43 100

61 14.7 12.6 19.0

70 11.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.43 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

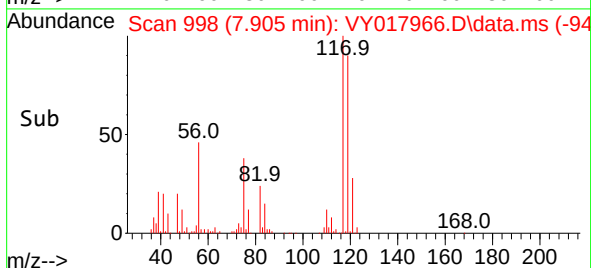
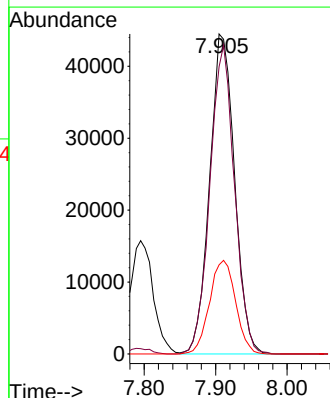
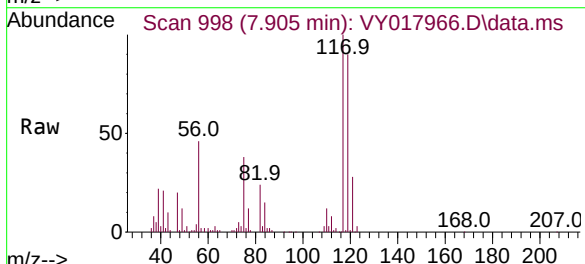
Tgt Ion: 117 Resp: 107895

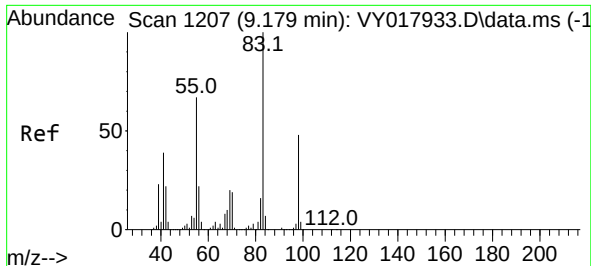
Ion Ratio Lower Upper

117 100

119 89.7 75.8 113.6

121 27.8 24.0 36.0





#39

Methylcyclohexane

Concen: 17.02 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

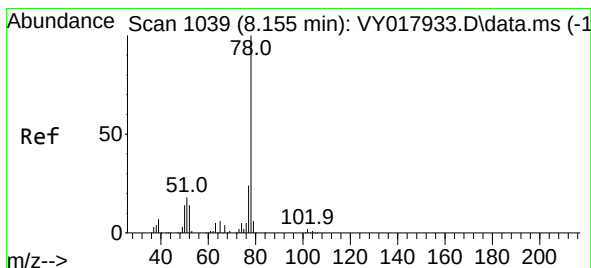
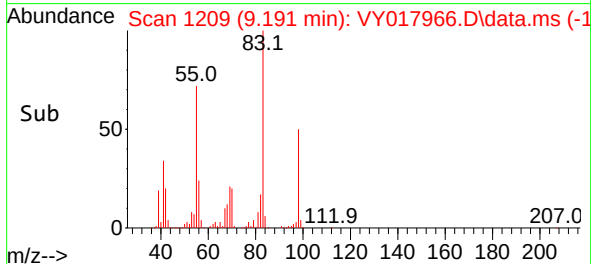
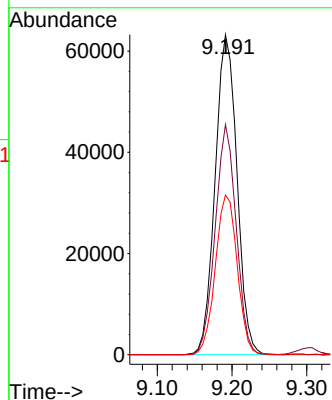
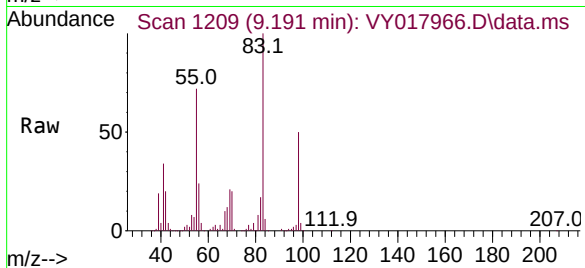
Tgt Ion: 83 Resp: 128556

Ion Ratio Lower Upper

83 100

55 71.9 51.5 77.3

98 49.9 40.5 60.7



#40

Benzene

Concen: 18.63 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017966.D

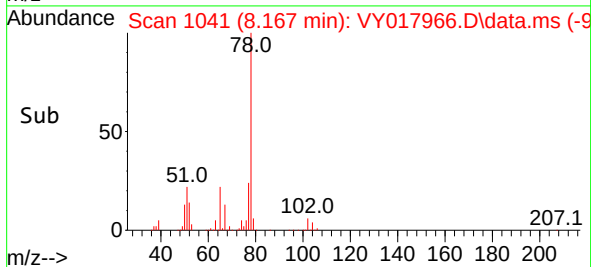
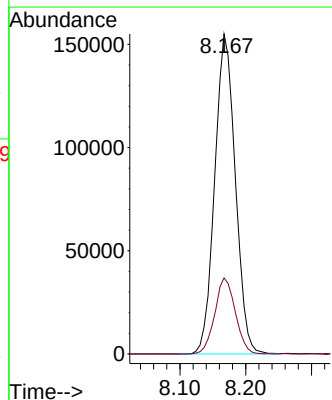
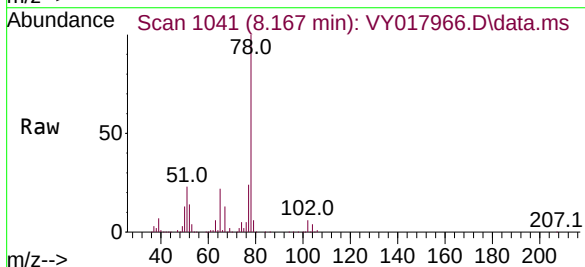
Acq: 18 Apr 2024 10:53

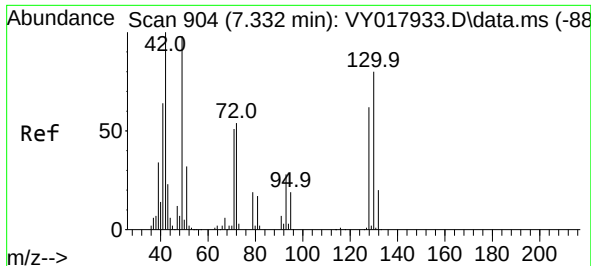
Tgt Ion: 78 Resp: 338146

Ion Ratio Lower Upper

78 100

77 23.7 19.5 29.3

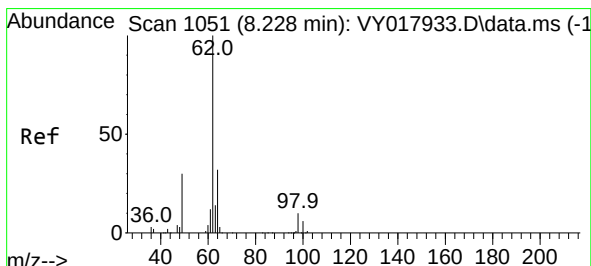
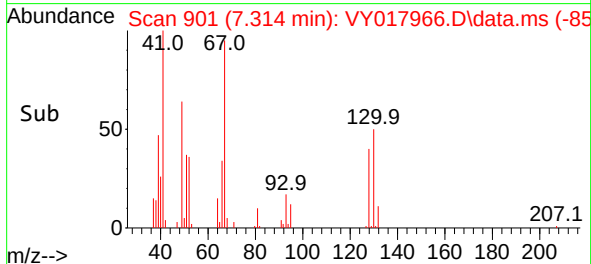
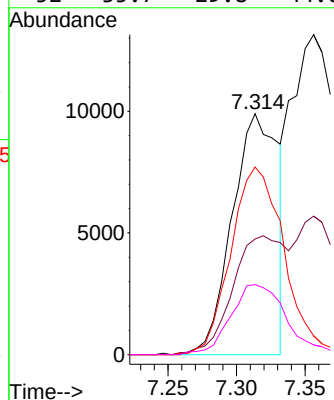
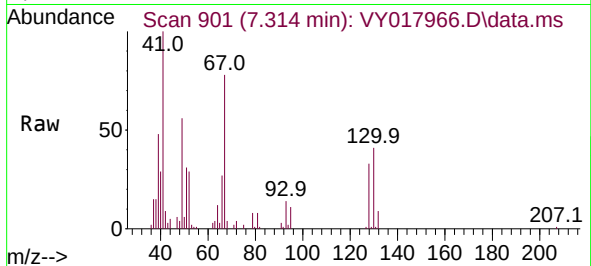




#41
Methacrylonitrile
Concen: 15.36 ug/l
RT: 7.314 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

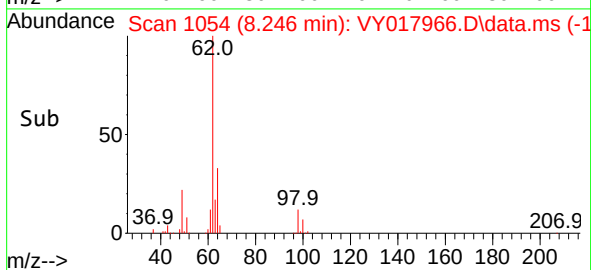
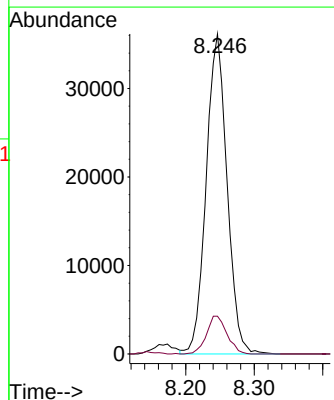
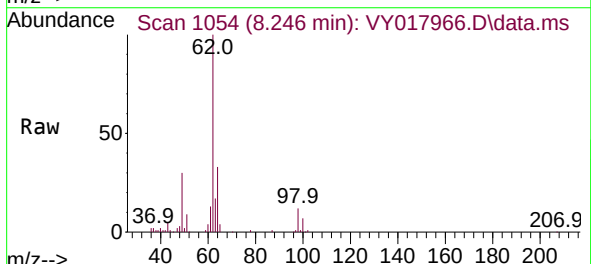
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

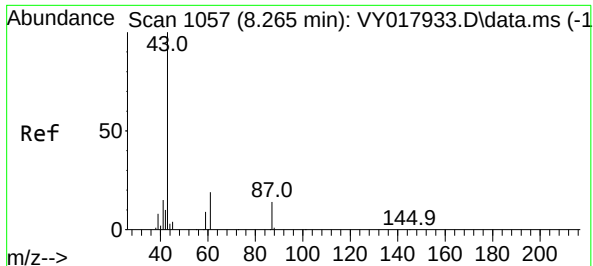
Tgt Ion:	41	Resp:	23110
Ion	Ratio	Lower	Upper
41	100		
39	57.8	48.0	72.0
67	90.7	75.1	112.7
52	35.7	29.8	44.6



#42
1,2-Dichloroethane
Concen: 18.39 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion:	62	Resp:	76499
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	22.0





#43

Isopropyl Acetate

Concen: 17.67 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.012 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

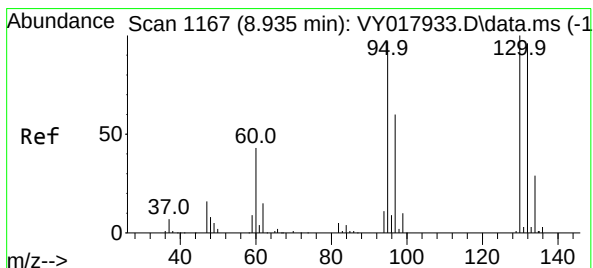
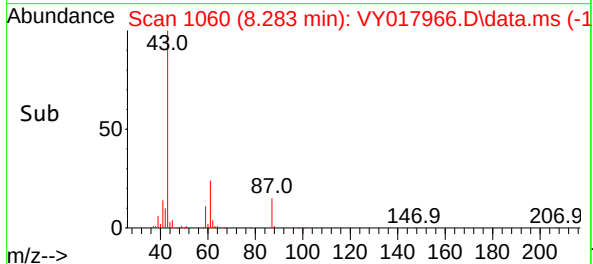
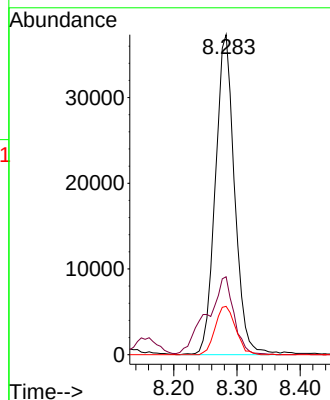
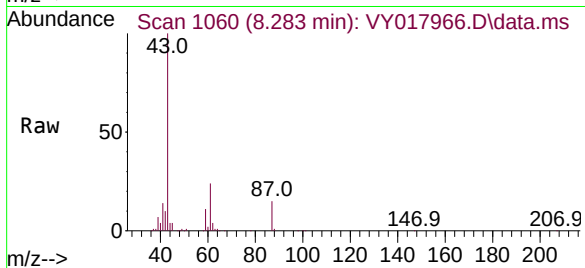
Tgt Ion: 43 Resp: 78551

Ion Ratio Lower Upper

43 100

61 34.1 27.9 41.9

87 16.1 13.1 19.7



#44

Trichloroethene

Concen: 18.60 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY017966.D

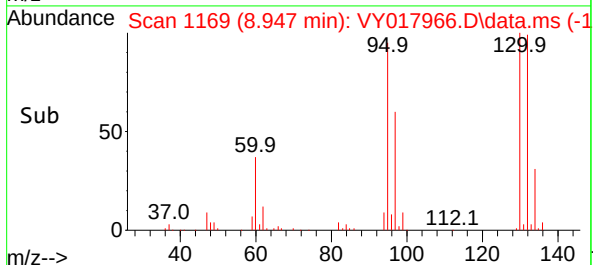
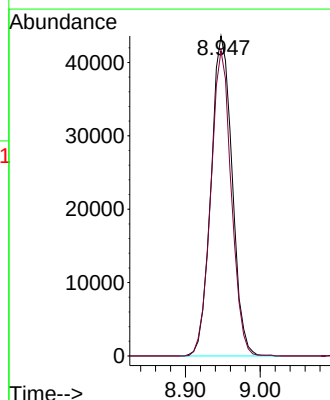
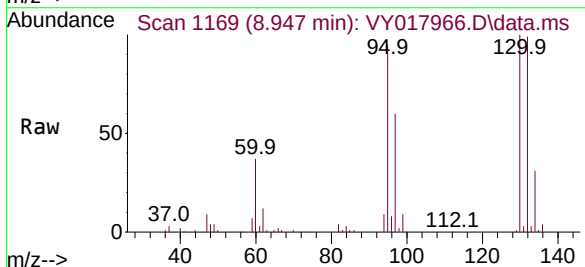
Acq: 18 Apr 2024 10:53

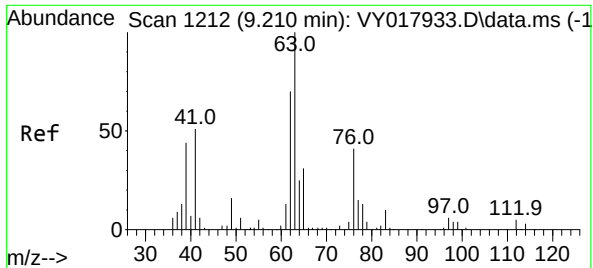
Tgt Ion:130 Resp: 85793

Ion Ratio Lower Upper

130 100

95 95.4 0.0 188.0

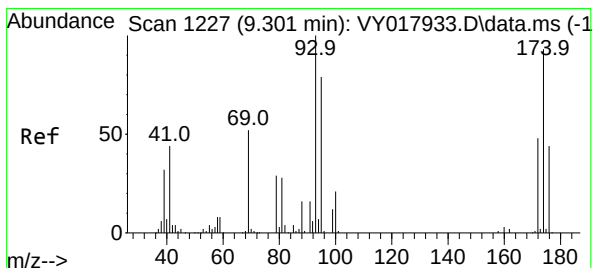
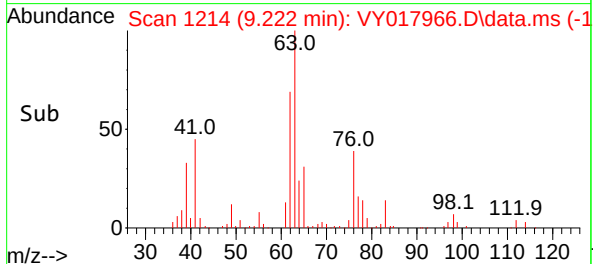
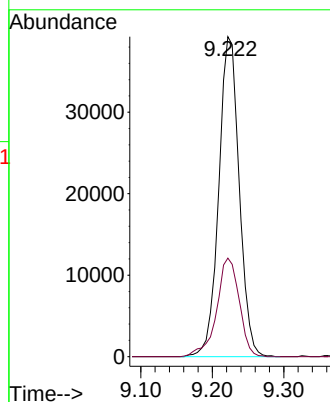
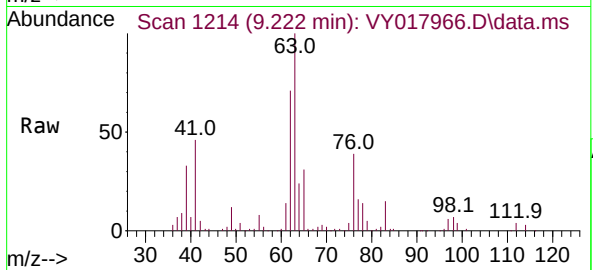




#45
1,2-Dichloropropane
Concen: 18.64 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

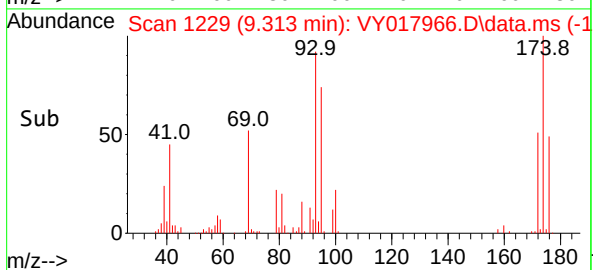
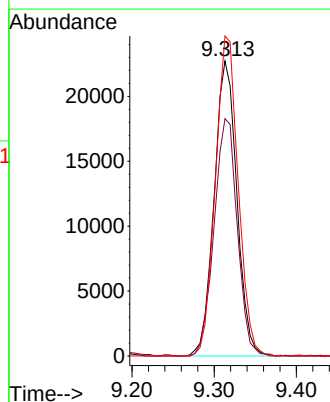
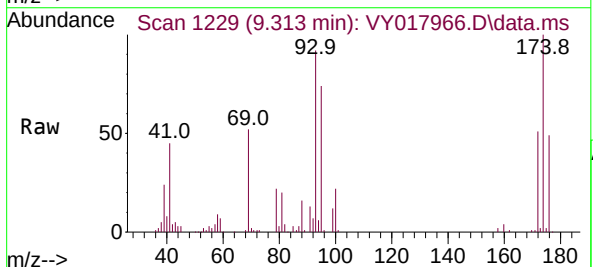
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

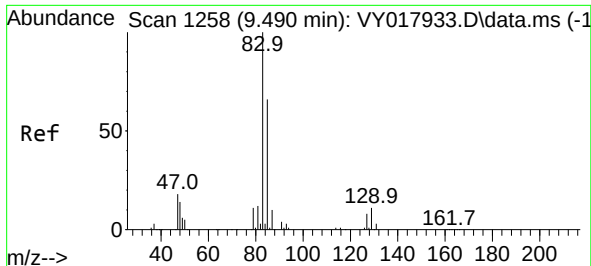
Tgt Ion: 63 Resp: 77900
Ion Ratio Lower Upper
63 100
65 30.8 25.4 38.2



#46
Dibromomethane
Concen: 18.84 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 93 Resp: 43542
Ion Ratio Lower Upper
93 100
95 82.3 66.2 99.4
174 109.2 80.9 121.3

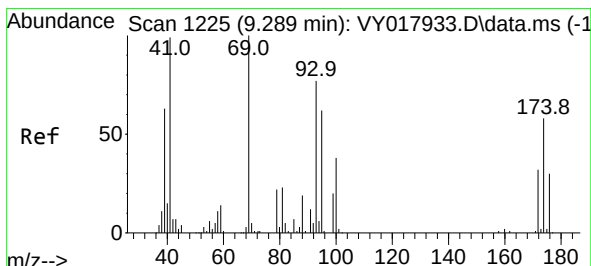
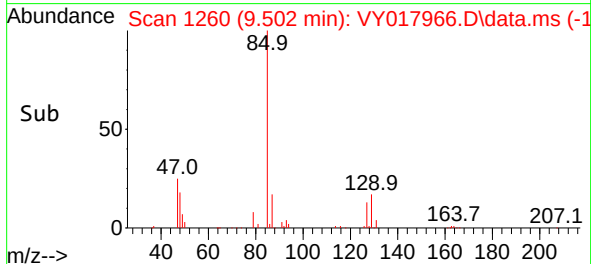
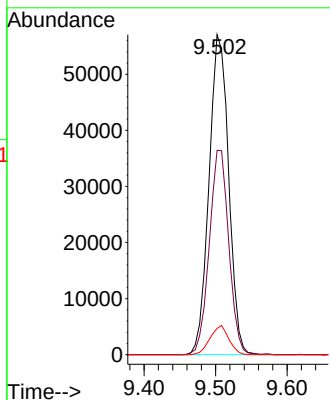
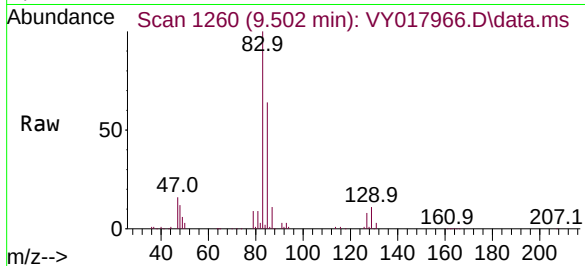




#47
Bromodichloromethane
Concen: 18.75 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

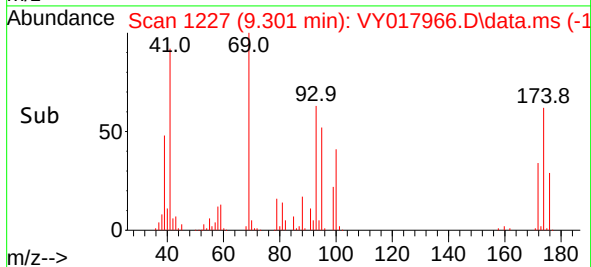
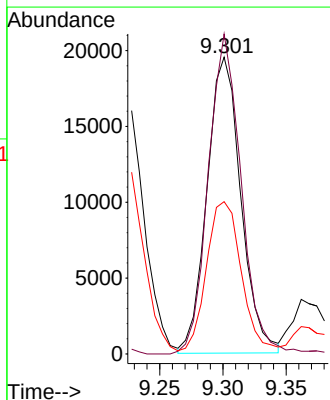
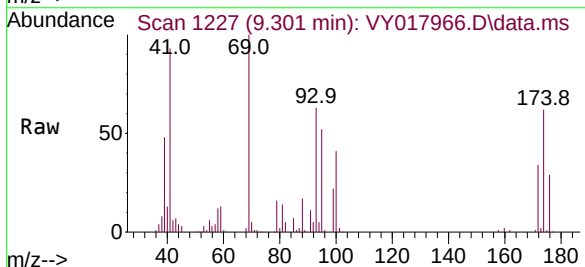
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

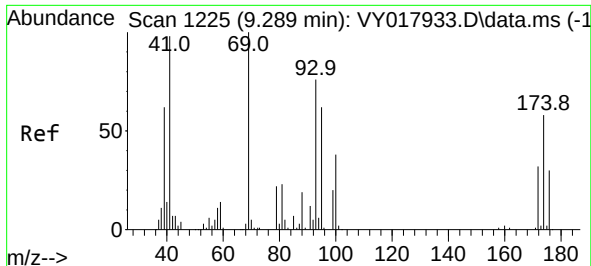
Tgt Ion: 83 Resp: 108746
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.2 7.4 11.0



#48
Methyl methacrylate
Concen: 17.85 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 41 Resp: 36363
Ion Ratio Lower Upper
41 100
69 105.8 84.1 126.1
39 51.3 43.6 65.4

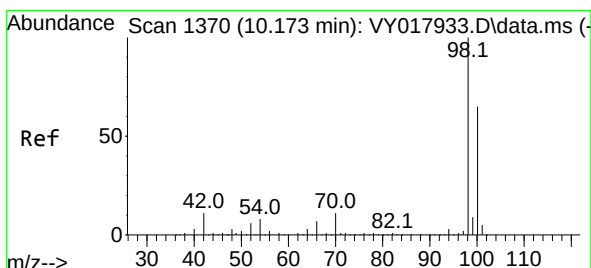
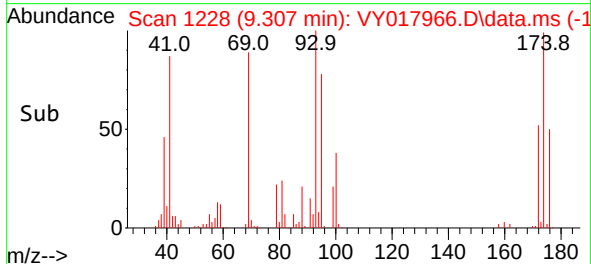
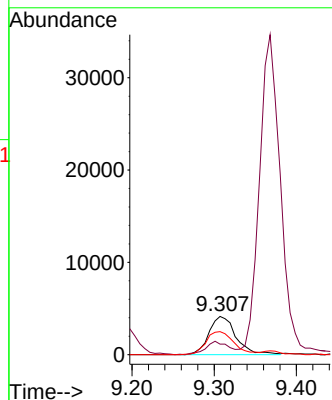
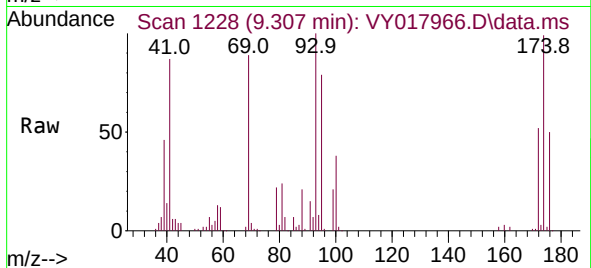




#49
1,4-Dioxane
Concen: 360.37 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

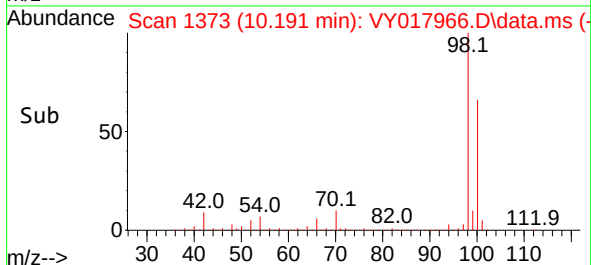
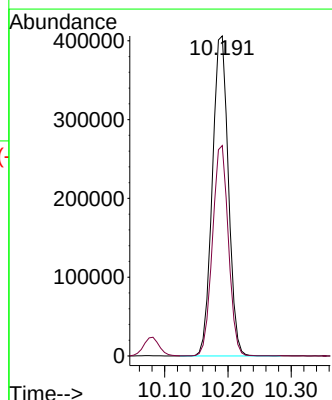
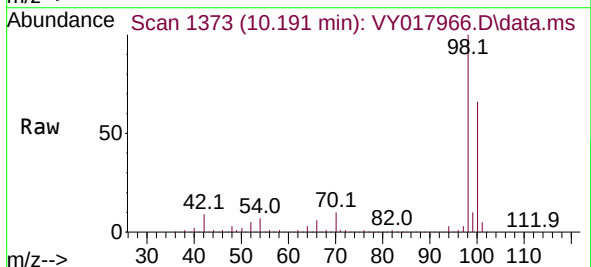
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

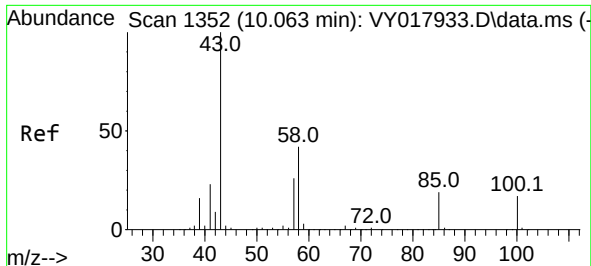
Tgt Ion: 88 Resp: 9510
Ion Ratio Lower Upper
88 100
43 29.1 0.0 0.0#
58 62.7 49.3 73.9



#50
Toluene-d8
Concen: 47.20 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.012 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 98 Resp: 713864
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0

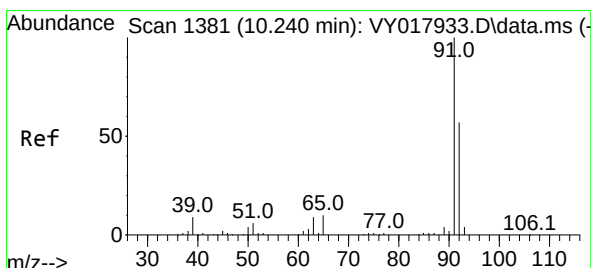
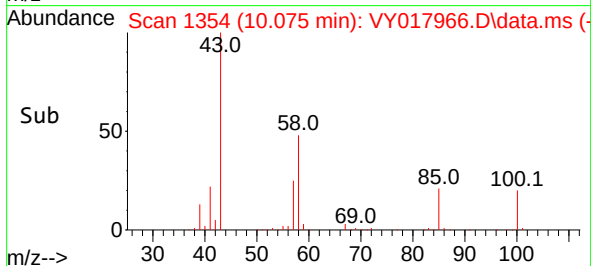
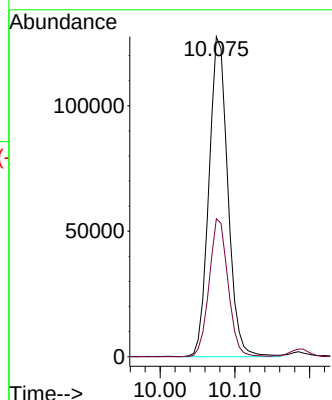
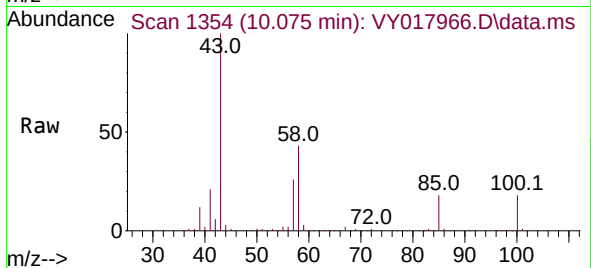




#51
4-Methyl-2-Pentanone
Concen: 95.27 ug/l
RT: 10.075 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

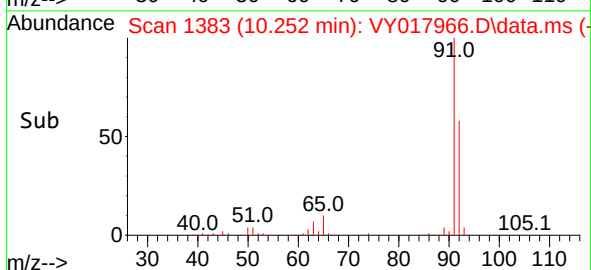
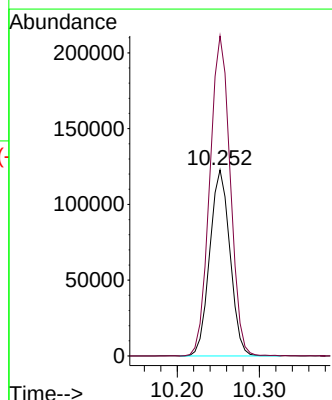
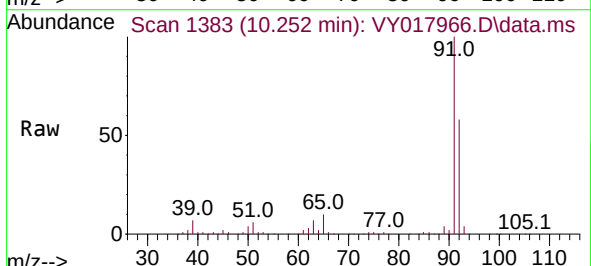
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

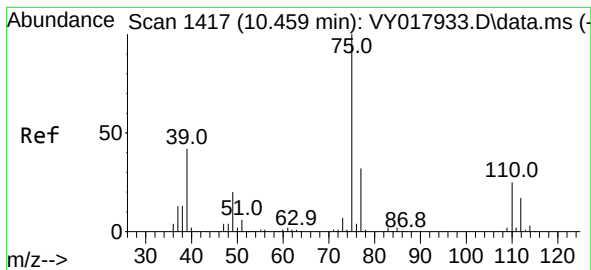
Tgt Ion: 43 Resp: 224510
Ion Ratio Lower Upper
43 100
58 42.9 35.7 53.5



#52
Toluene
Concen: 18.83 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 92 Resp: 209749
Ion Ratio Lower Upper
92 100
91 174.6 139.0 208.6

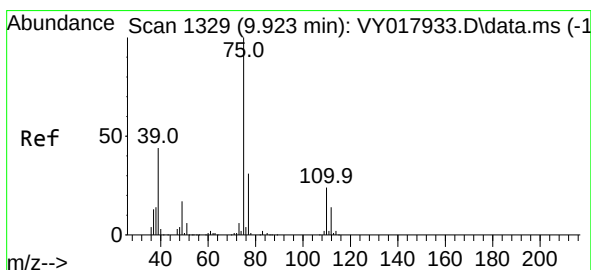
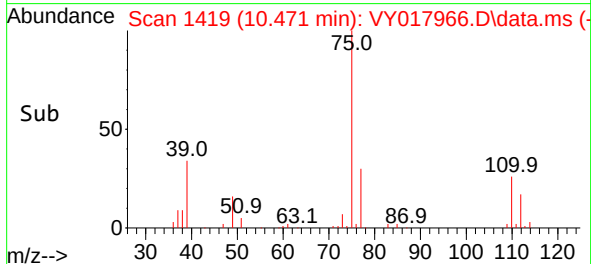
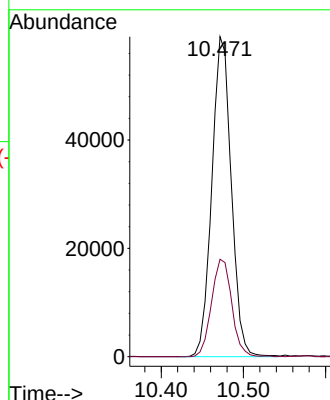
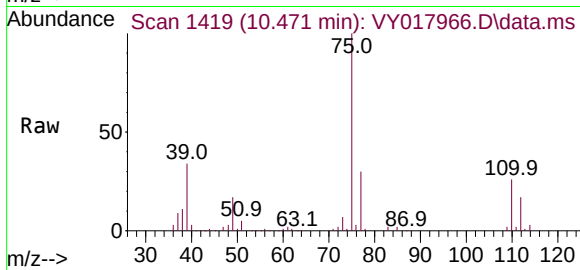




#53
 t-1,3-Dichloropropene
 Concen: 18.33 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY017966.D
 Acq: 18 Apr 2024 10:53

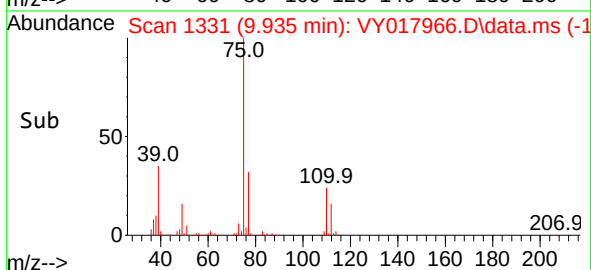
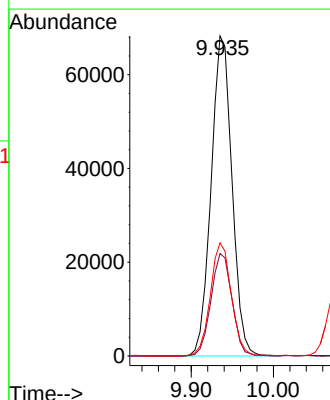
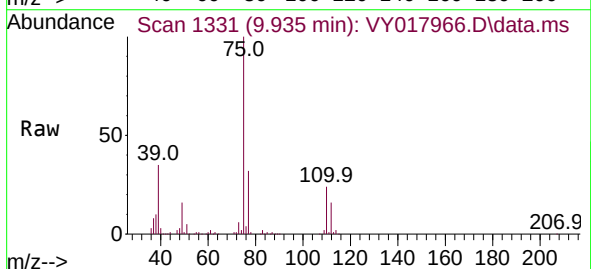
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

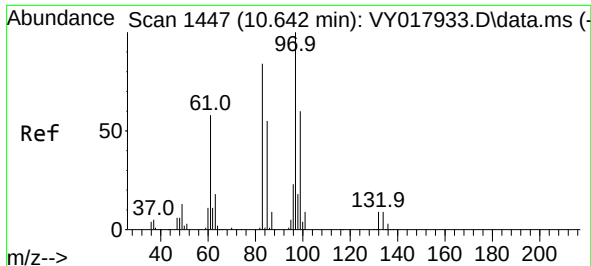
Tgt Ion: 75 Resp: 97056
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 18.49 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY017966.D
 Acq: 18 Apr 2024 10:53

Tgt Ion: 75 Resp: 120241
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 35.3 29.8 44.6

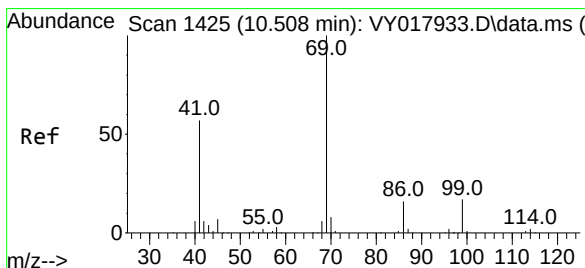
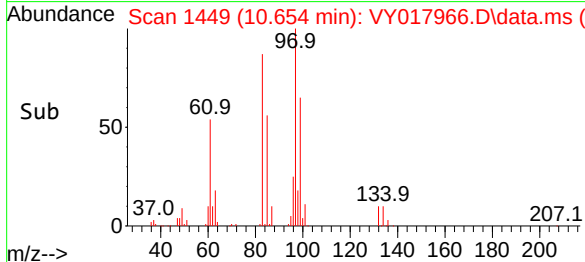
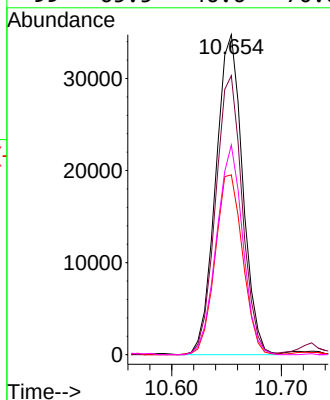
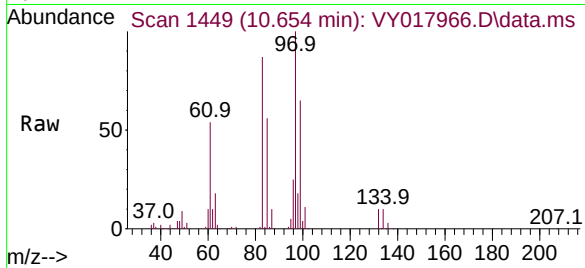




#55
1,1,2-Trichloroethane
Concen: 18.91 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

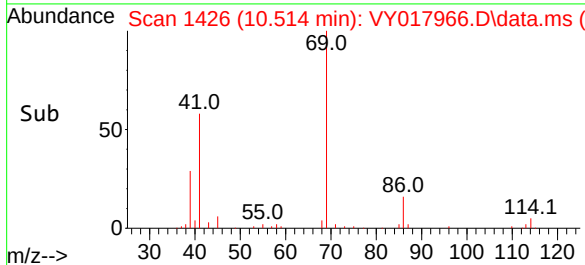
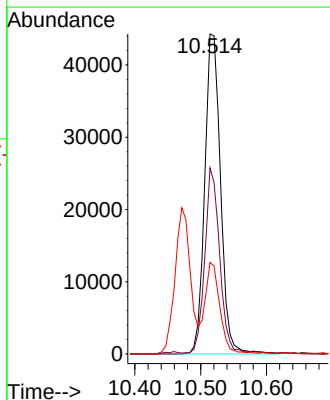
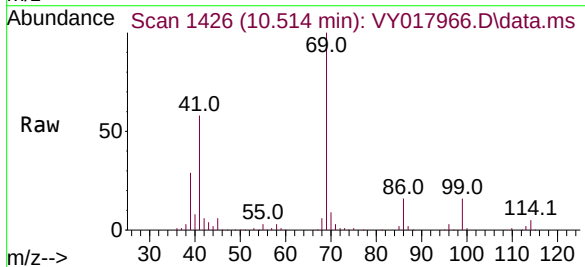
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

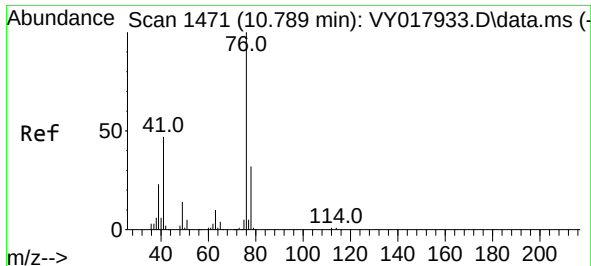
Tgt Ion:	97	Resp:	59419
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.5	101.3
85	56.2	42.9	64.3
99	65.5	46.6	70.0



#56
Ethyl methacrylate
Concen: 18.13 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion:	69	Resp:	74257
Ion	Ratio	Lower	Upper
69	100		
41	53.7	42.3	63.5
39	26.6	22.9	34.3





#57

1,3-Dichloropropane

Concen: 18.67 ug/l

RT: 10.801 min Scan# 1471

Delta R.T. 0.012 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

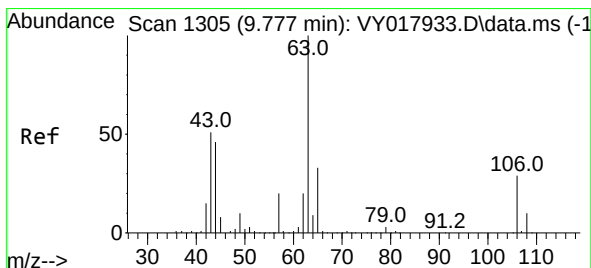
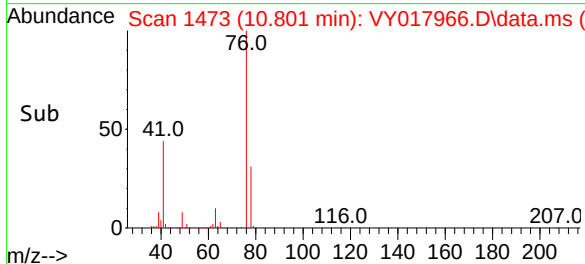
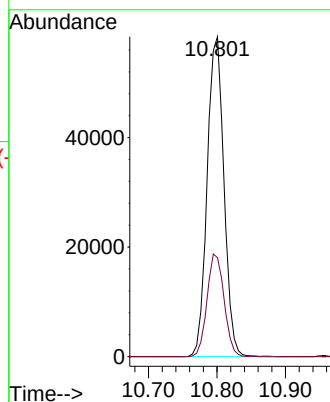
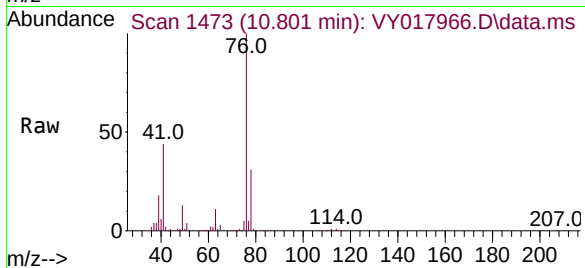
VY0418SBS01

Tgt Ion: 76 Resp: 99325

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 95.84 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY017966.D

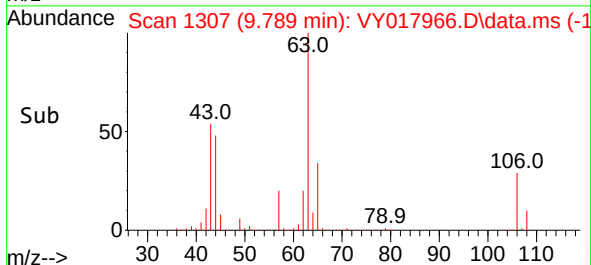
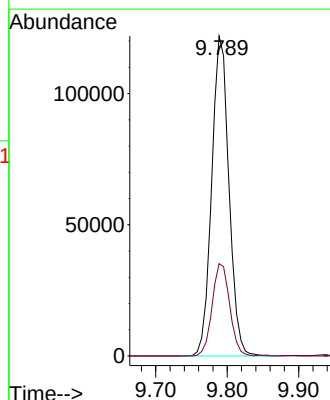
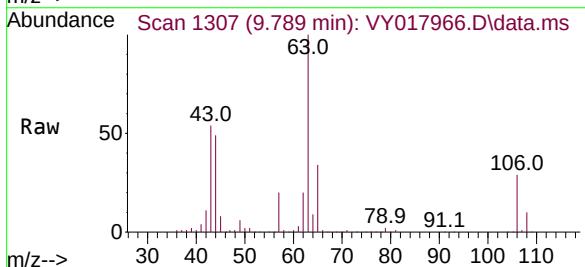
Acq: 18 Apr 2024 10:53

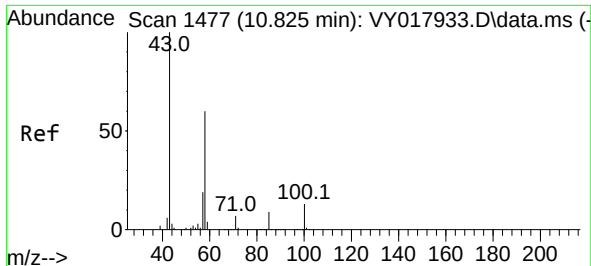
Tgt Ion: 63 Resp: 204099

Ion Ratio Lower Upper

63 100

106 29.4 23.7 35.5

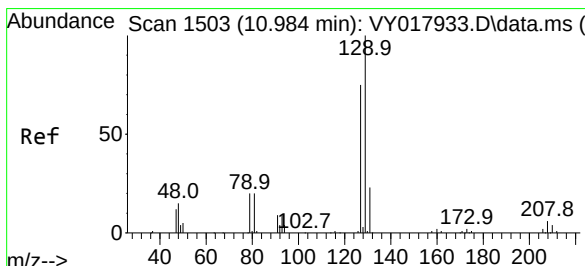
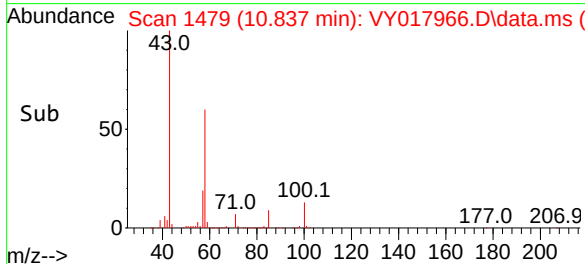
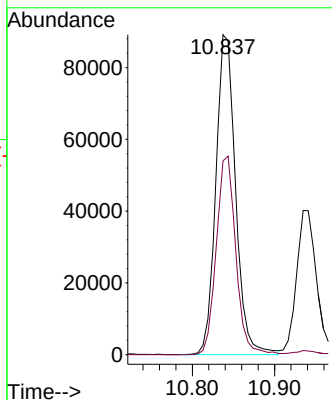
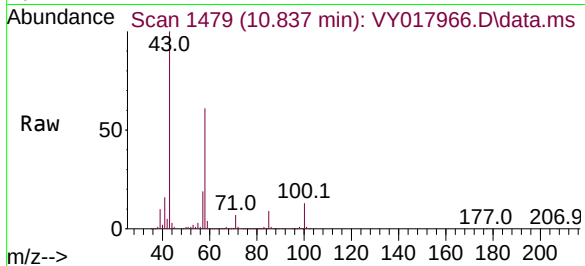




#59
2-Hexanone
Concen: 92.65 ug/l
RT: 10.837 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

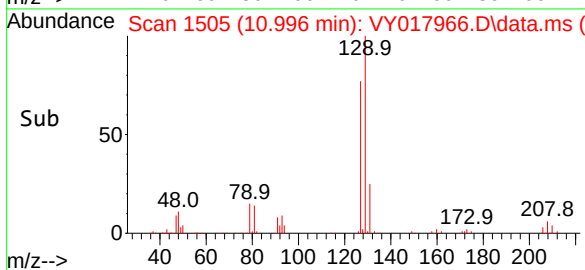
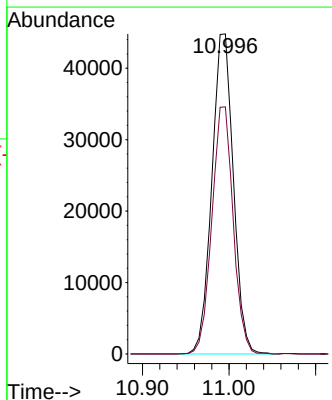
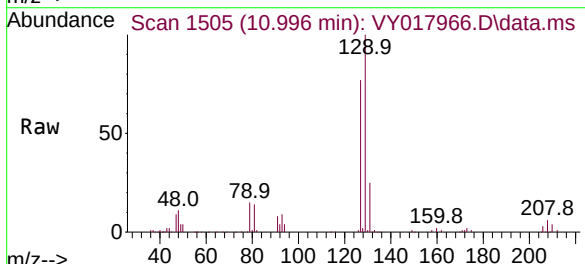
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

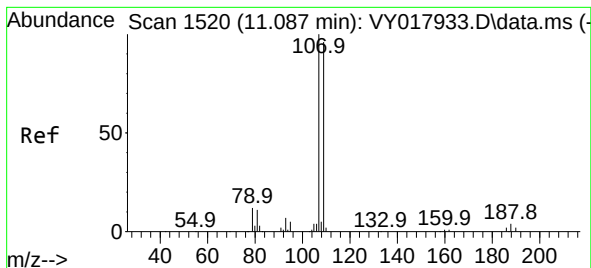
Tgt Ion: 43 Resp: 149030
Ion Ratio Lower Upper
43 100
58 61.3 31.4 94.0



#60
Dibromochloromethane
Concen: 19.14 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.012 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 129 Resp: 77288
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.22 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

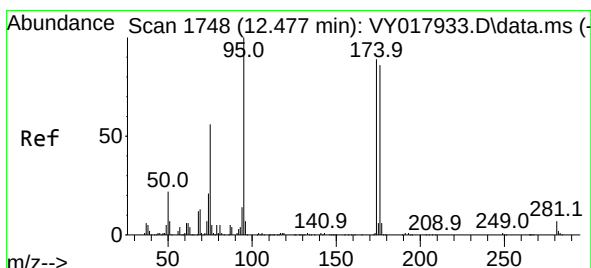
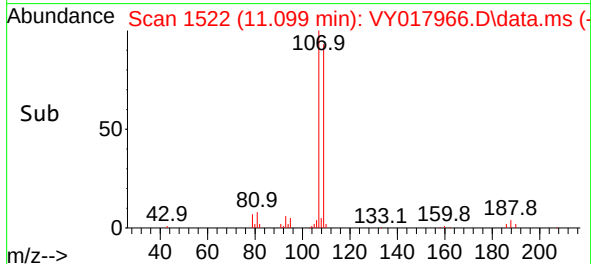
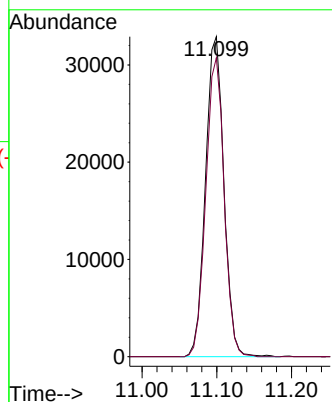
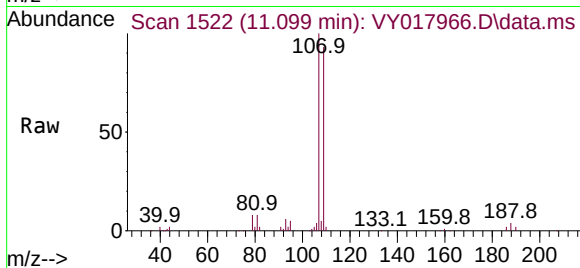
VY0418SBS01

Tgt Ion:107 Resp: 56281

Ion Ratio Lower Upper

107 100

109 92.8 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 47.38 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

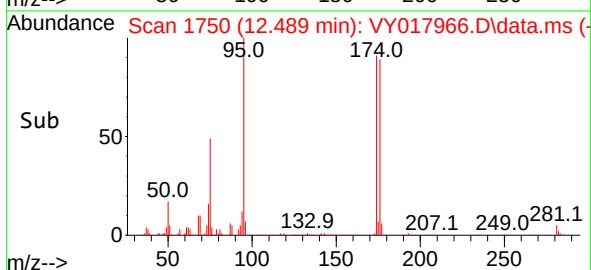
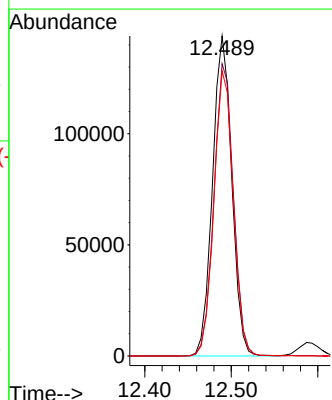
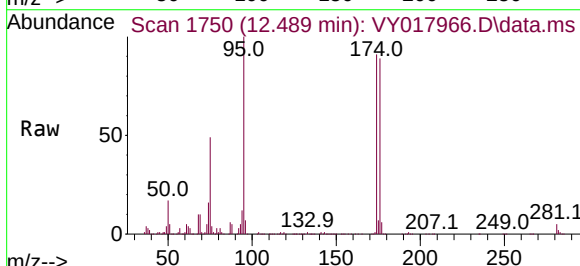
Tgt Ion: 95 Resp: 221923

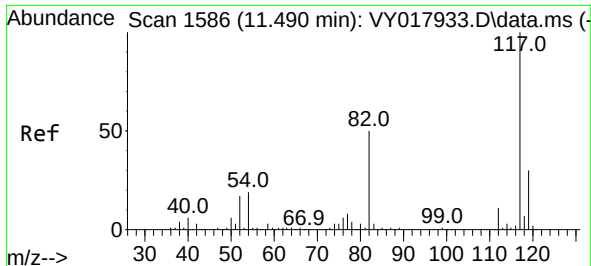
Ion Ratio Lower Upper

95 100

174 92.6 0.0 175.6

176 89.8 0.0 171.4

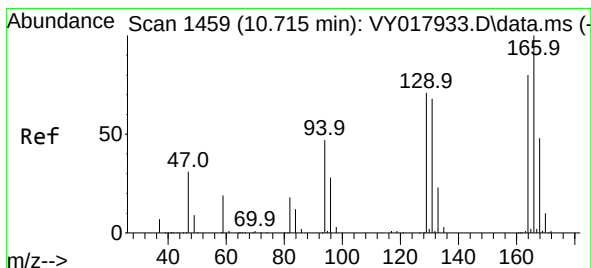
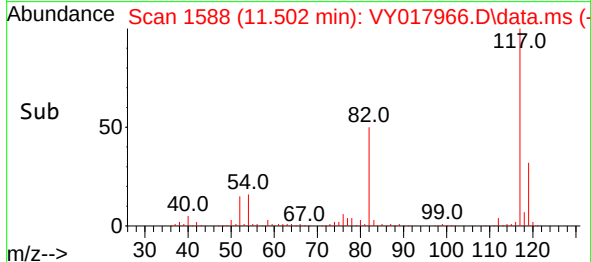
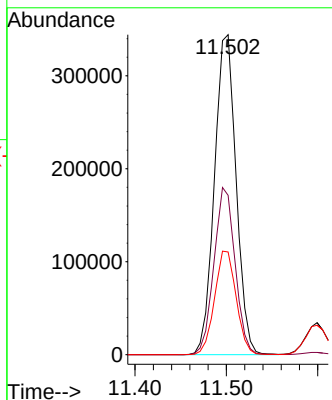
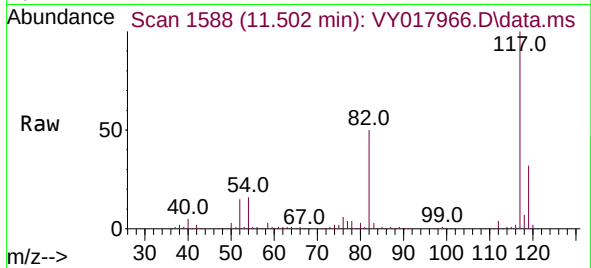




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

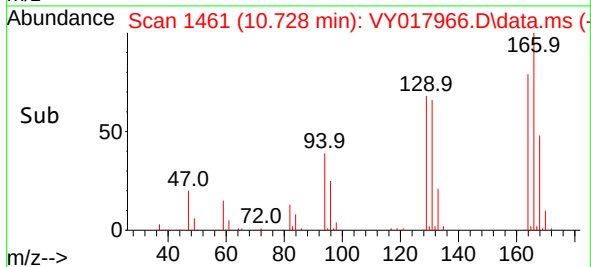
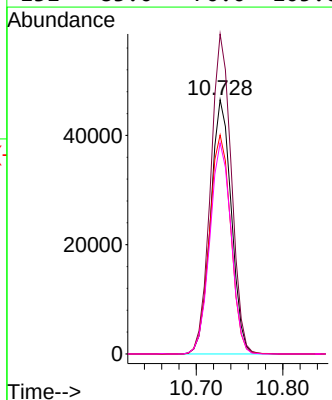
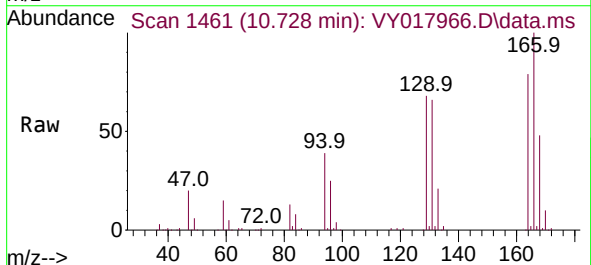
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

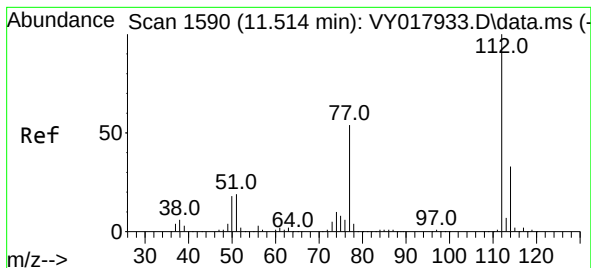
Tgt Ion:117 Resp: 567649
Ion Ratio Lower Upper
117 100
82 49.8 42.4 63.6
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 19.10 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion:164 Resp: 77651
Ion Ratio Lower Upper
164 100
166 125.9 102.6 154.0
129 86.2 72.0 108.0
131 83.0 70.0 105.0





#65

Chlorobenzene

Concen: 18.78 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

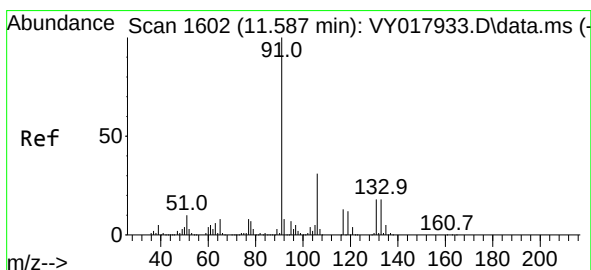
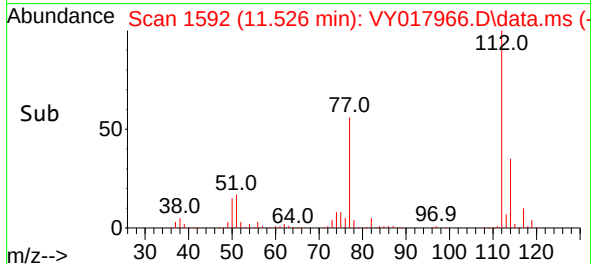
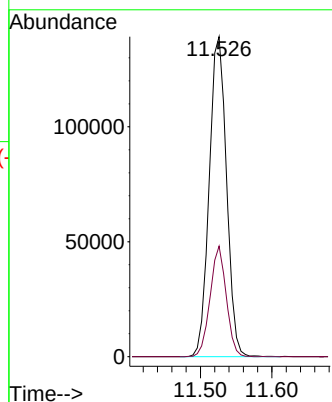
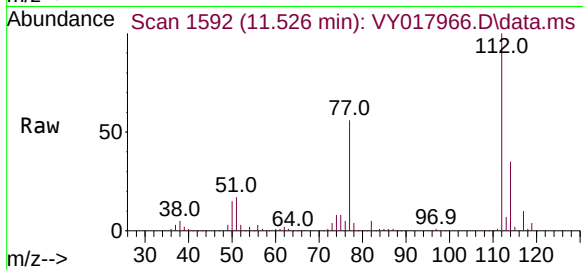
VY0418SBS01

Tgt Ion:112 Resp: 233699

Ion Ratio Lower Upper

112 100

114 34.5 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.90 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

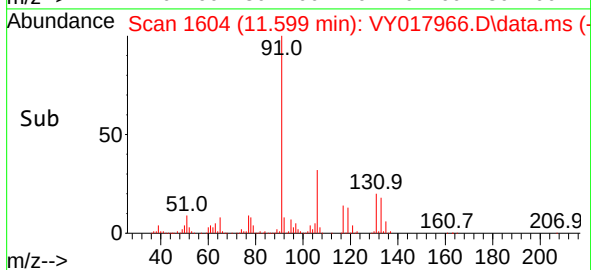
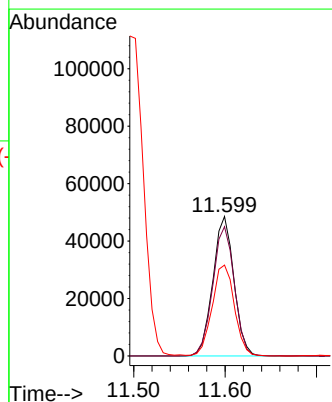
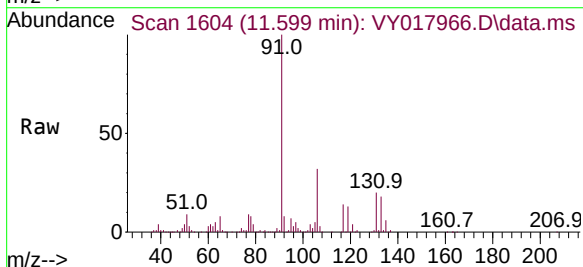
Tgt Ion:131 Resp: 77543

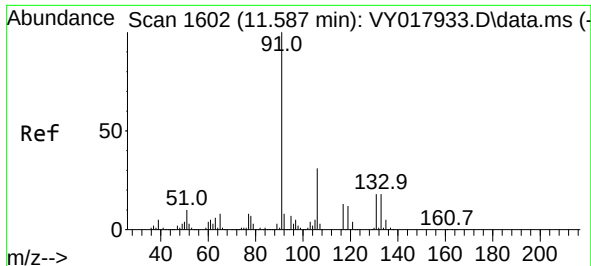
Ion Ratio Lower Upper

131 100

133 95.2 47.8 143.3

119 69.0 34.1 102.2





#67

Ethyl Benzene

Concen: 18.22 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

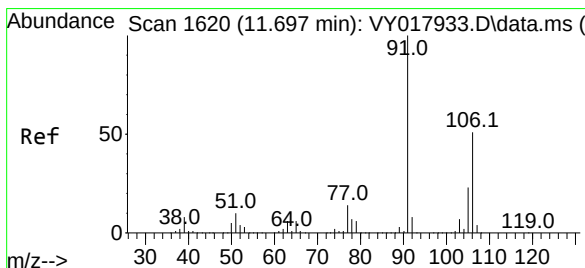
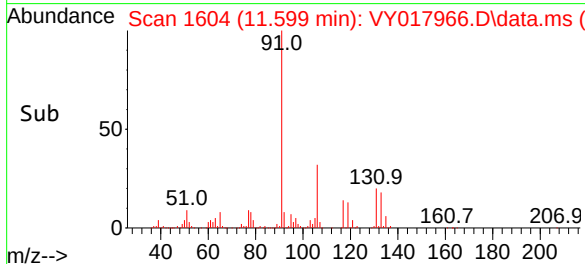
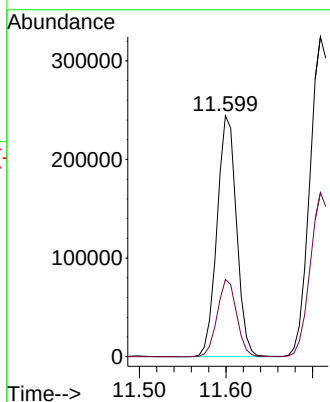
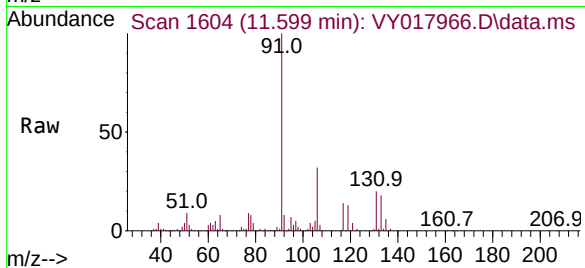
VY0418SBS01

Tgt Ion: 91 Resp: 381747

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 37.44 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY017966.D

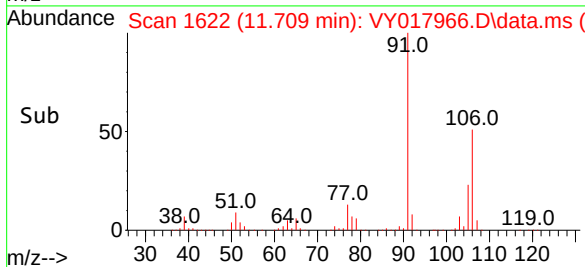
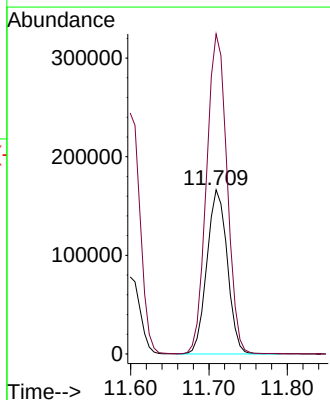
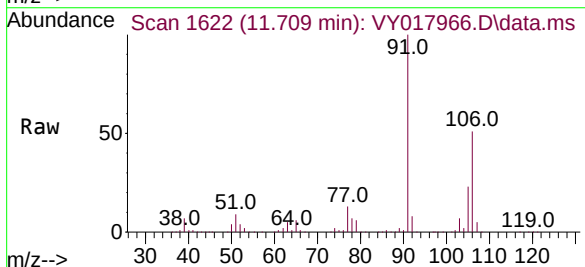
Acq: 18 Apr 2024 10:53

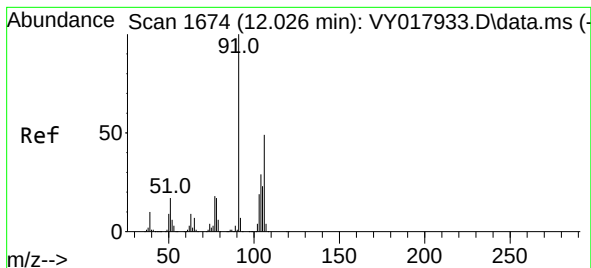
Tgt Ion:106 Resp: 301208

Ion Ratio Lower Upper

106 100

91 196.2 156.0 234.0

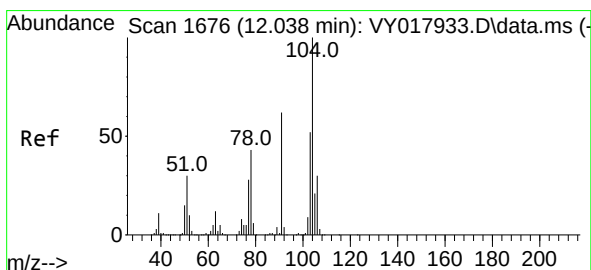
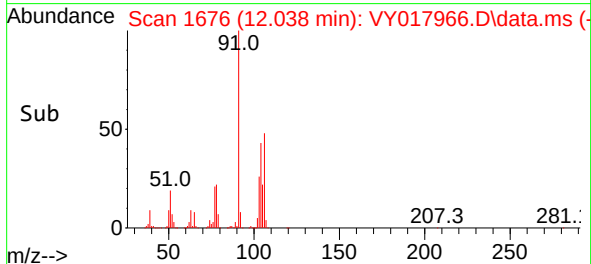
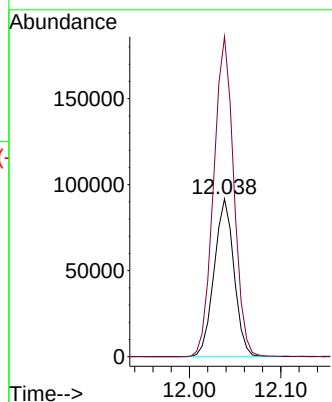
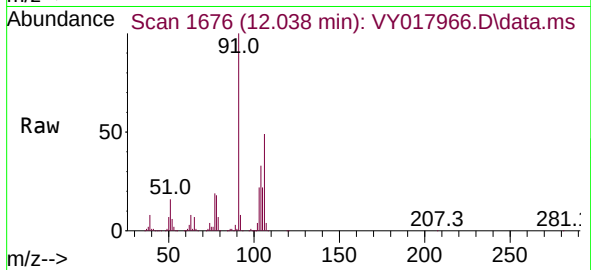




#69
o-Xylene
Concen: 18.47 ug/l
RT: 12.038 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

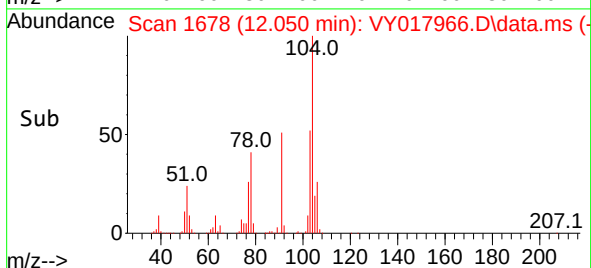
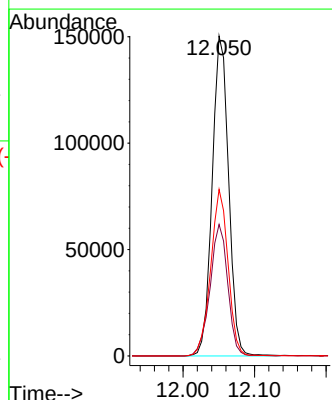
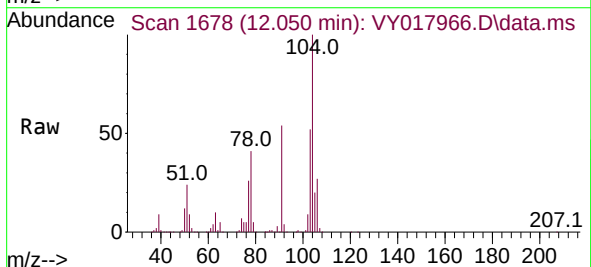
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

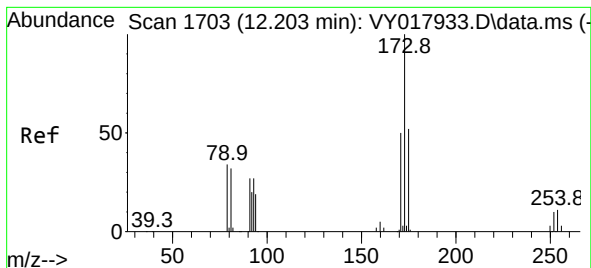
Tgt Ion:106 Resp: 138781
Ion Ratio Lower Upper
106 100
91 205.8 103.6 310.8



#70
Styrene
Concen: 18.92 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion:104 Resp: 240254
Ion Ratio Lower Upper
104 100
78 44.3 37.0 55.4
103 55.0 44.2 66.2





#71

Bromoform

Concen: 19.18 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

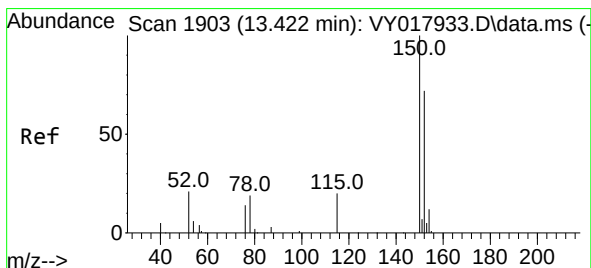
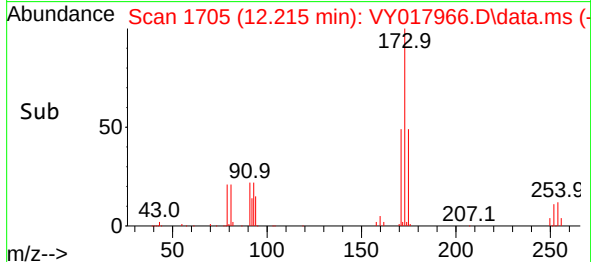
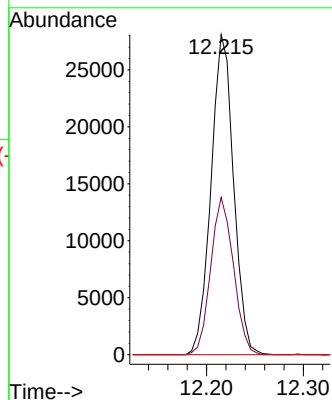
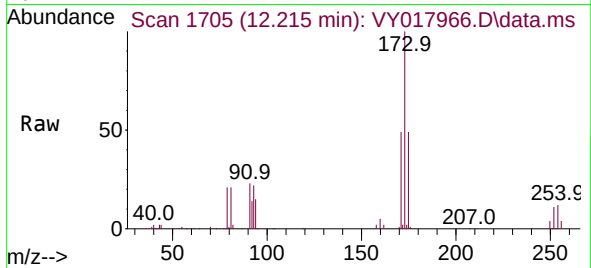
Tgt Ion:173 Resp: 45457

Ion Ratio Lower Upper

173 100

175 49.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

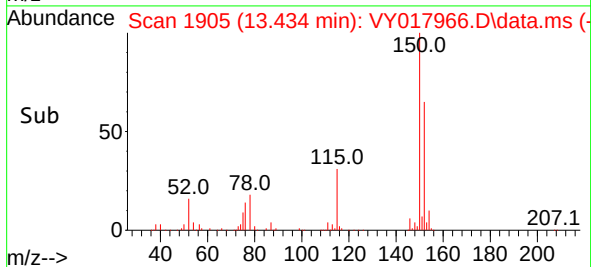
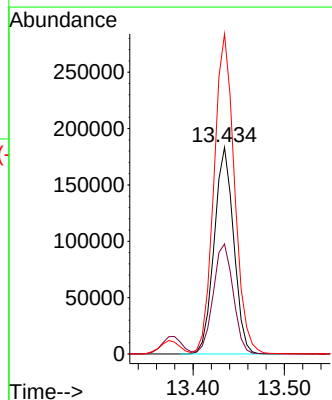
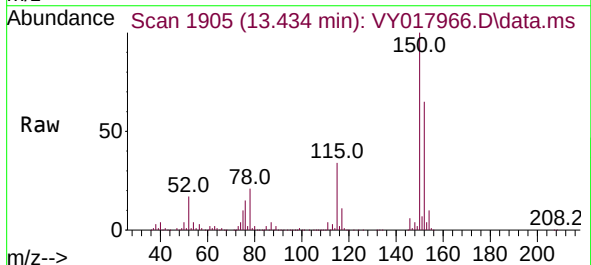
Tgt Ion:152 Resp: 271834

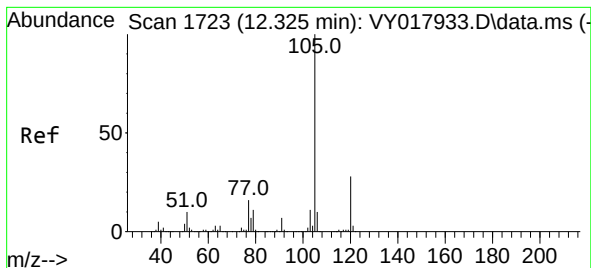
Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 162.6 0.0 345.6





#73

Isopropylbenzene

Concen: 17.99 ug/l

RT: 12.337 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

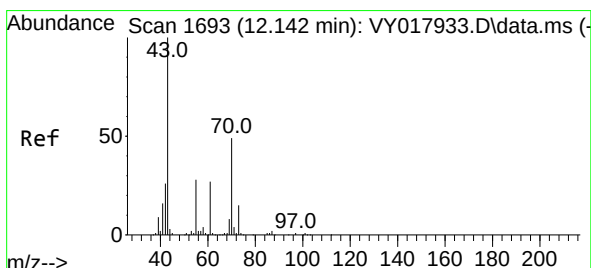
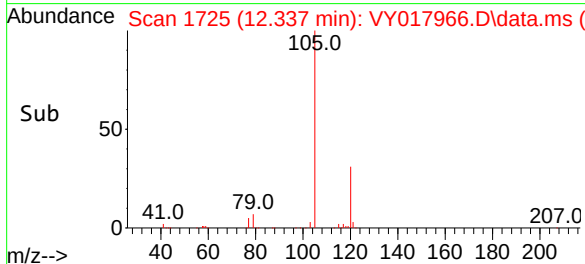
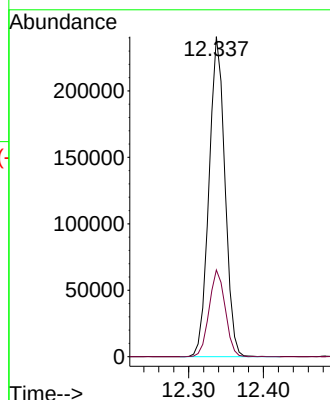
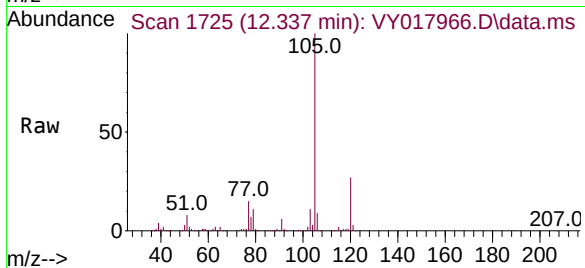
VY0418SBS01

Tgt Ion:105 Resp: 356243

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 16.76 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.012 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Tgt Ion: 43 Resp: 67022

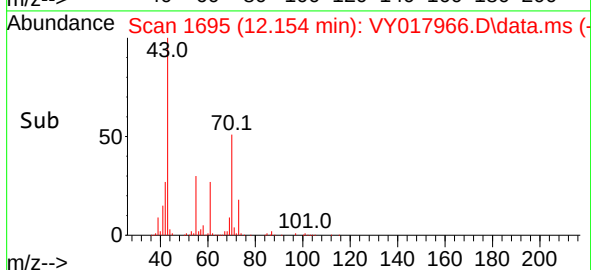
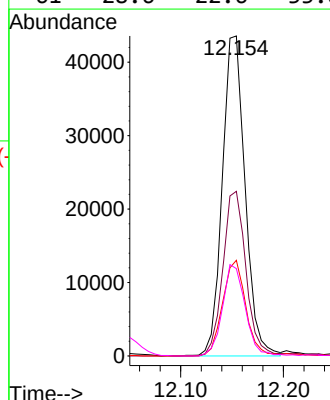
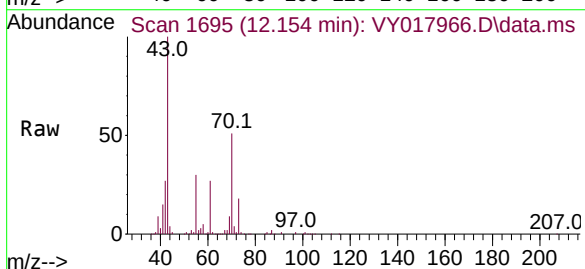
Ion Ratio Lower Upper

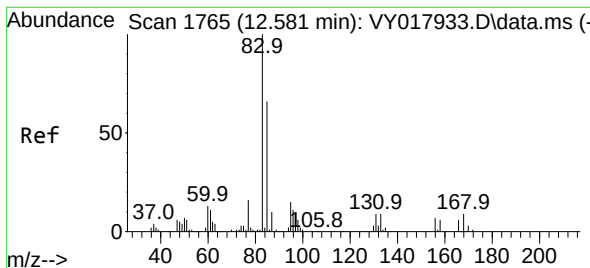
43 100

70 52.7 41.4 62.2

55 30.3 23.3 34.9

61 28.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.48 ug/l

RT: 12.587 min Scan# 1765

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

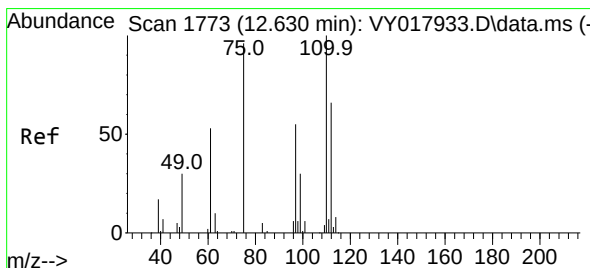
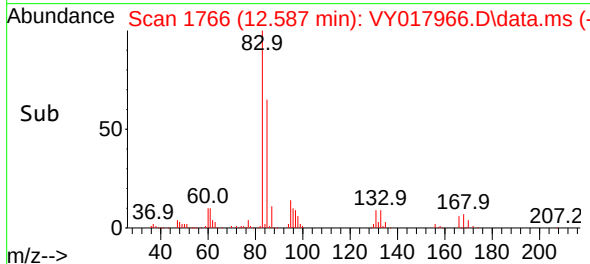
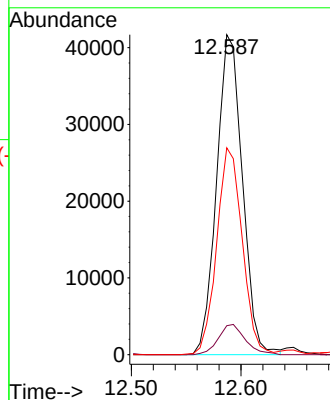
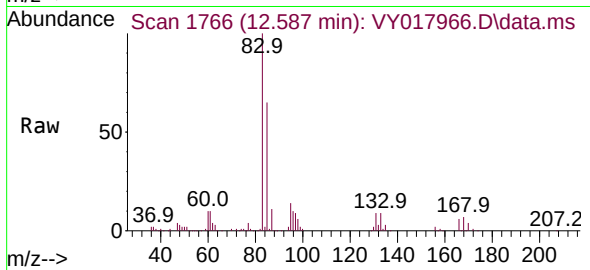
Tgt Ion: 83 Resp: 68282

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 63.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 31.40 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017966.D

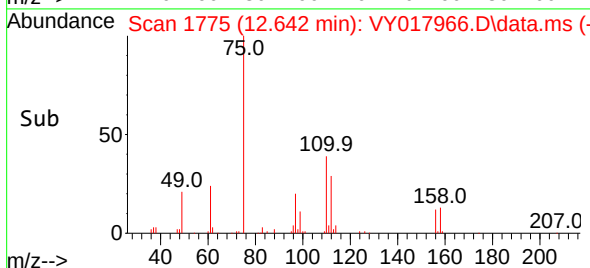
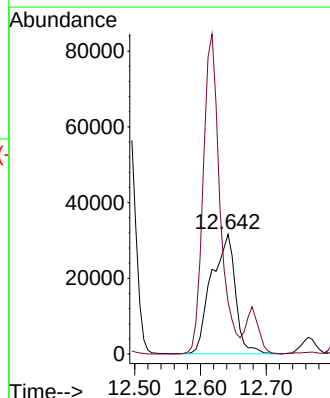
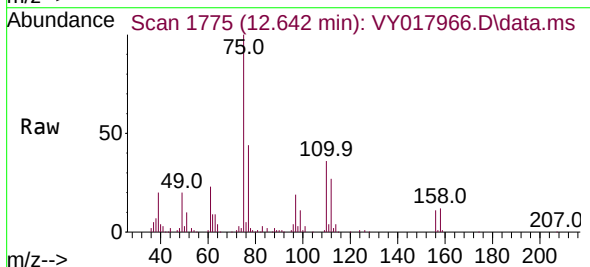
Acq: 18 Apr 2024 10:53

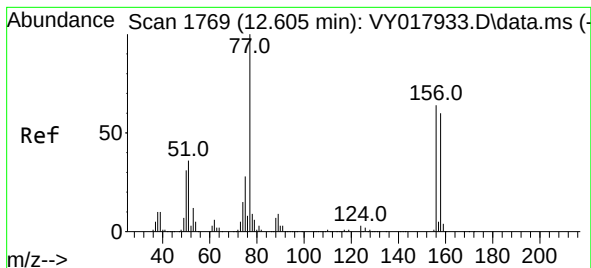
Tgt Ion: 75 Resp: 80103

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.88 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

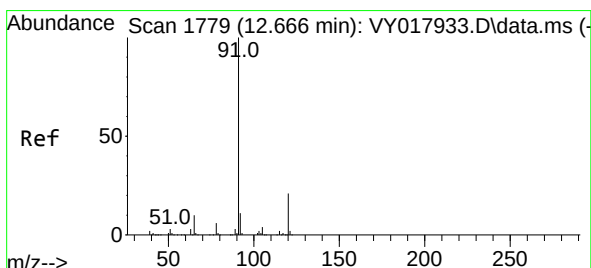
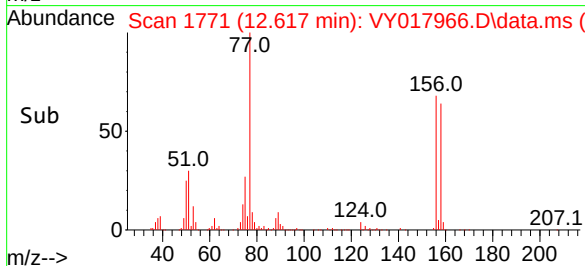
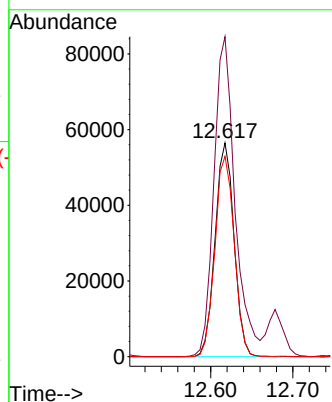
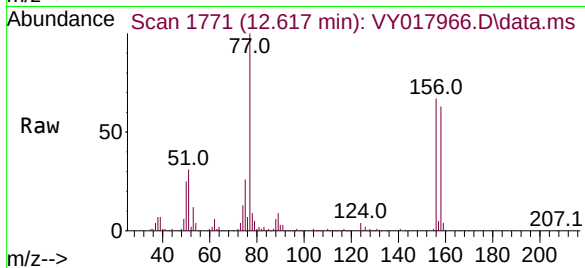
Tgt Ion:156 Resp: 90492

Ion Ratio Lower Upper

156 100

77 166.4 87.1 261.3

158 95.5 48.6 145.9



#78

n-propylbenzene

Concen: 18.02 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017966.D

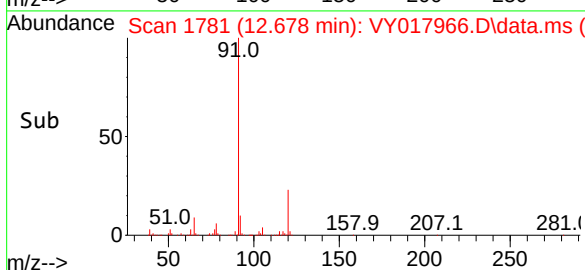
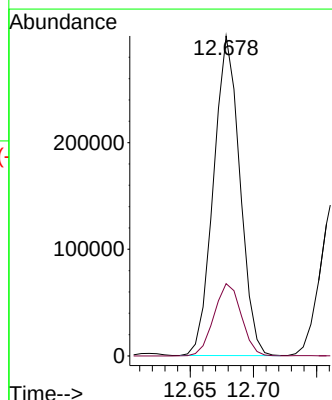
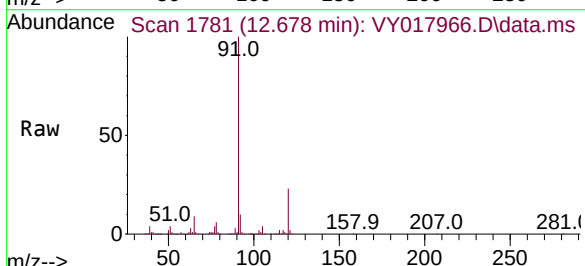
Acq: 18 Apr 2024 10:53

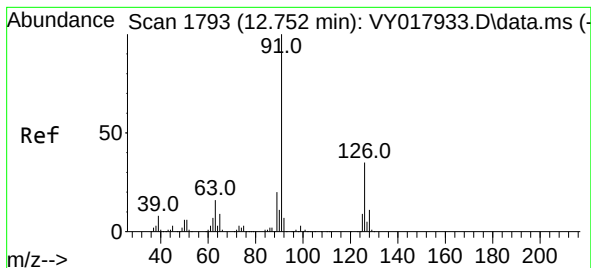
Tgt Ion: 91 Resp: 433084

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.21 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

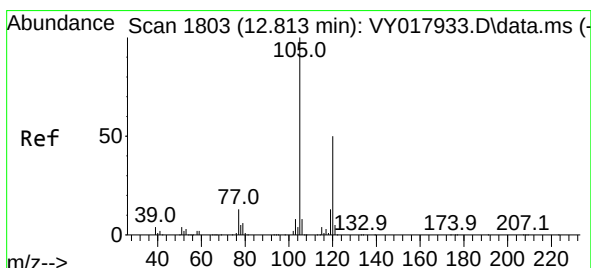
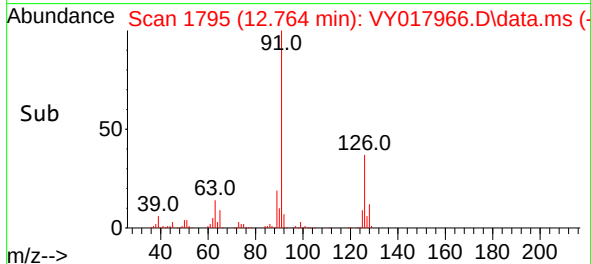
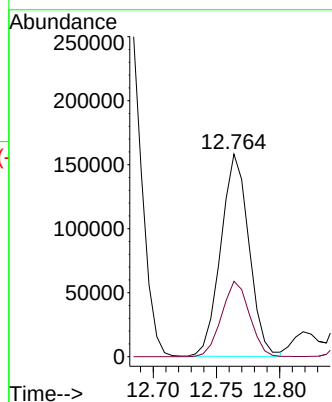
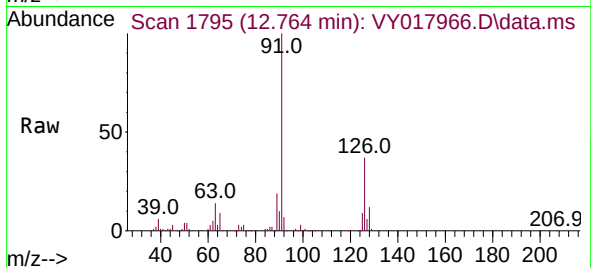
VY0418SBS01

Tgt Ion: 91 Resp: 244924

Ion Ratio Lower Upper

91 100

126 36.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 18.46 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY017966.D

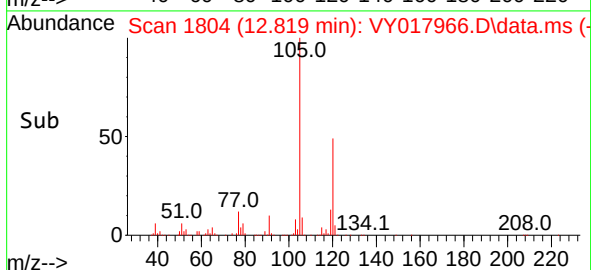
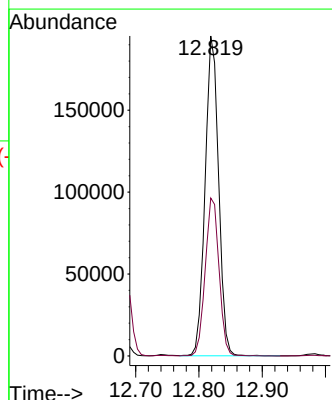
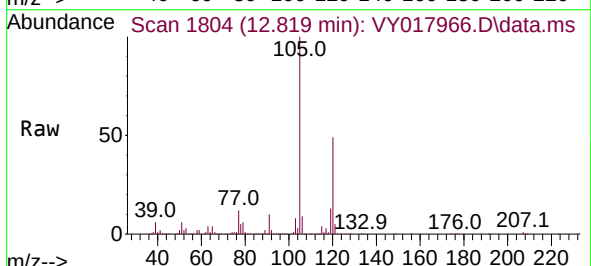
Acq: 18 Apr 2024 10:53

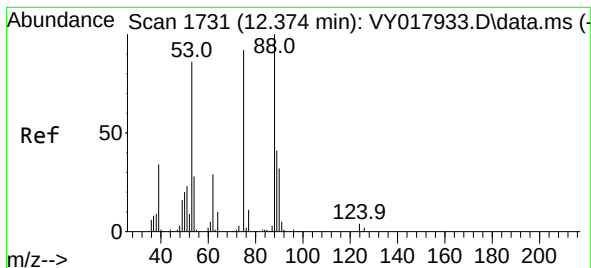
Tgt Ion:105 Resp: 289925

Ion Ratio Lower Upper

105 100

120 50.8 25.1 75.2

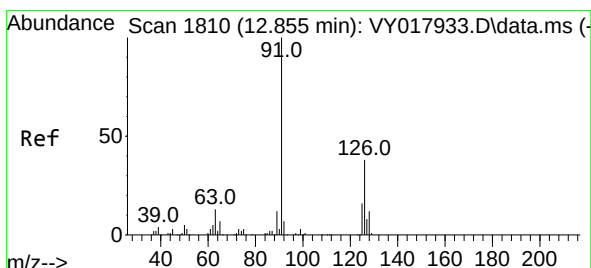
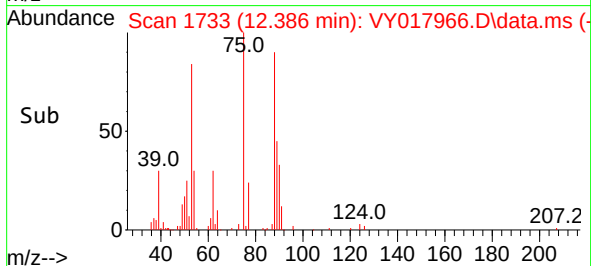
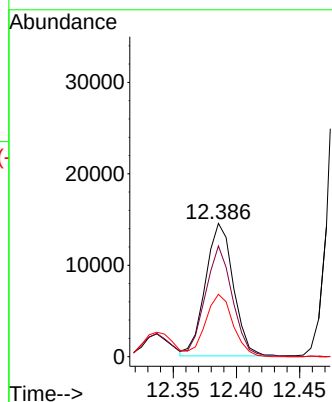
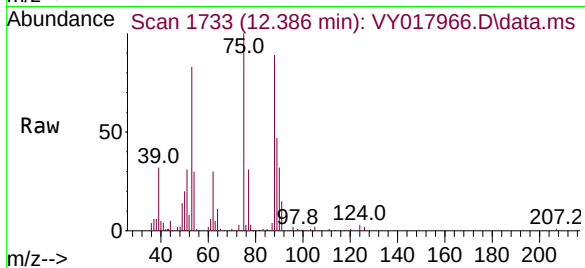




#81
trans-1,4-Dichloro-2-butene
Concen: 18.00 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

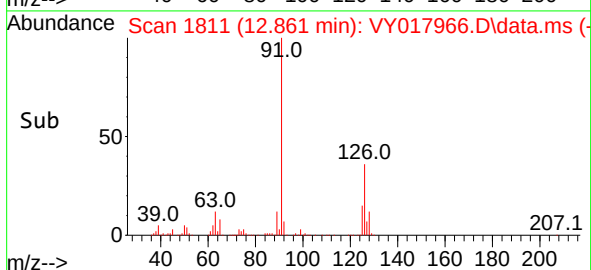
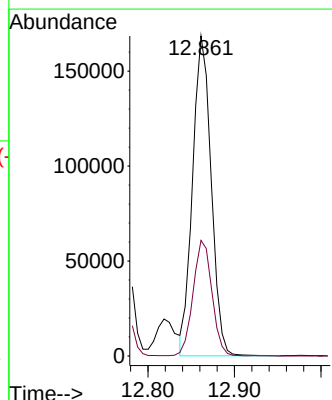
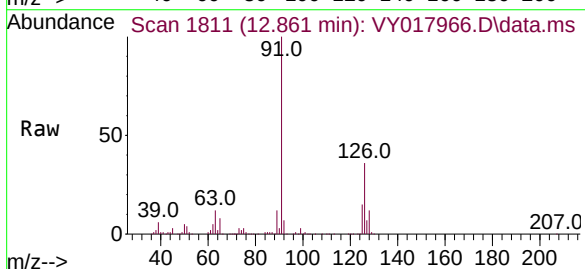
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

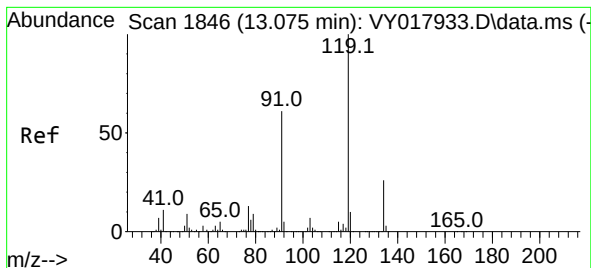
Tgt Ion: 75 Resp: 22268
Ion Ratio Lower Upper
75 100
53 82.0 66.8 100.2
89 46.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 18.00 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 91 Resp: 250737
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 17.86 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

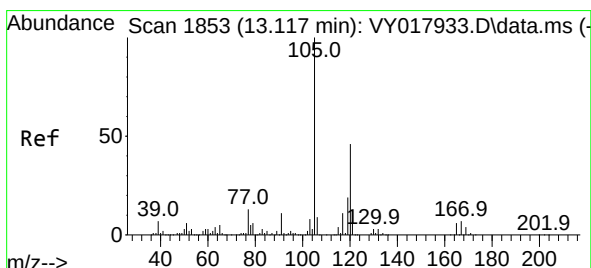
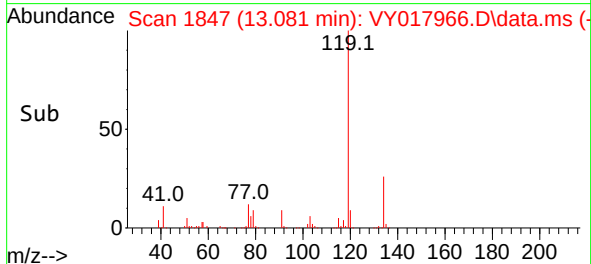
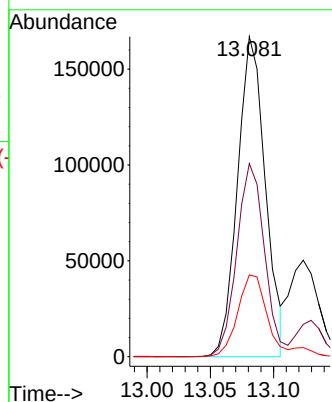
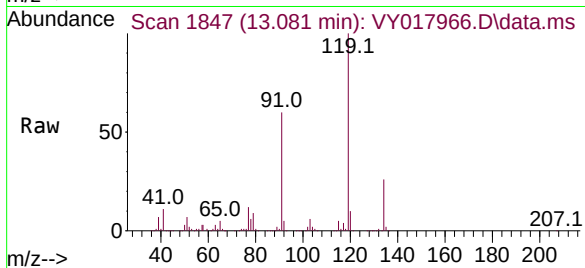
Tgt Ion:119 Resp: 256230

Ion Ratio Lower Upper

119 100

91 60.3 31.3 93.8

134 28.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.48 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.012 min

Lab File: VY017966.D

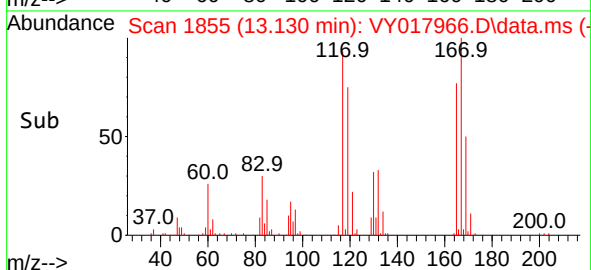
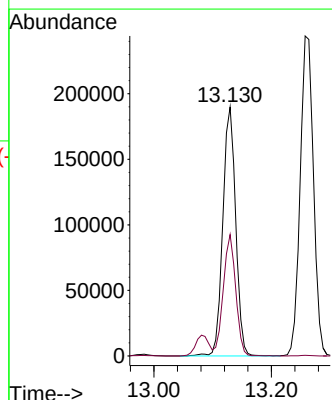
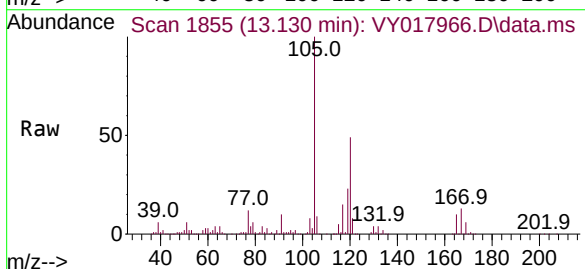
Acq: 18 Apr 2024 10:53

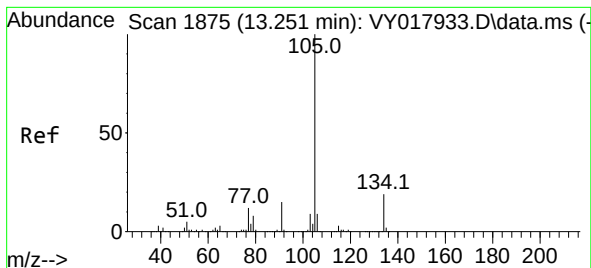
Tgt Ion:105 Resp: 289059

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 17.77 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

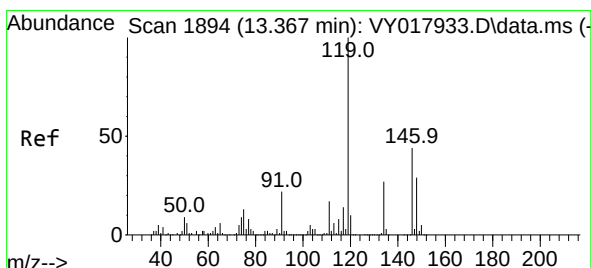
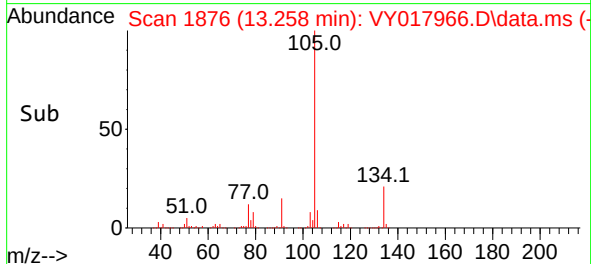
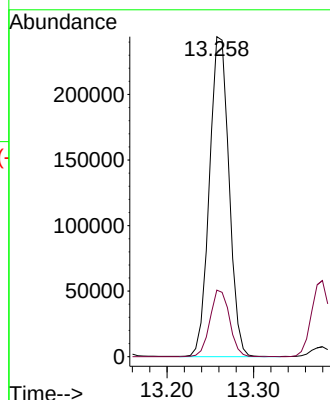
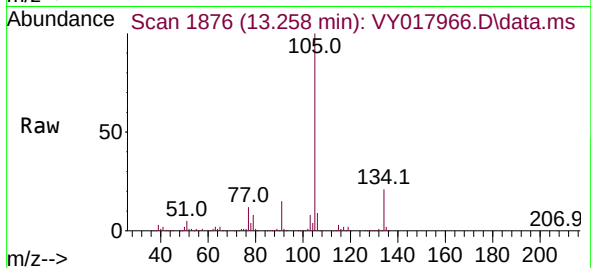
VY0418SBS01

Tgt Ion:105 Resp: 382838

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 17.76 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.012 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

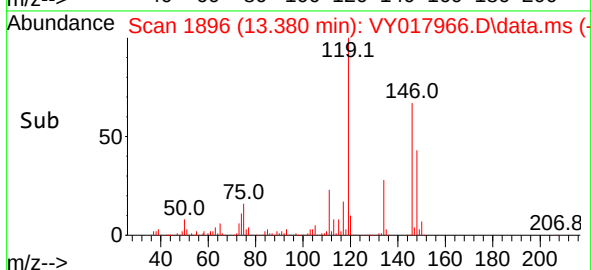
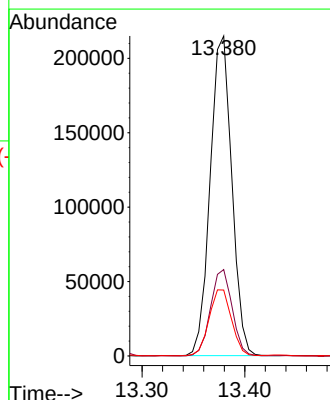
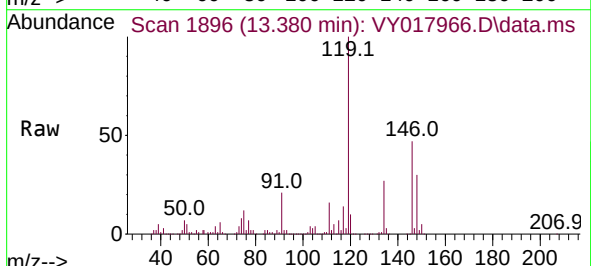
Tgt Ion:119 Resp: 314490

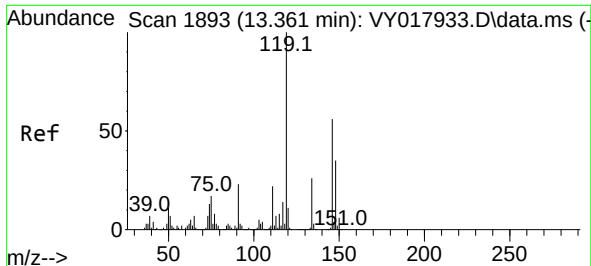
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 21.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.51 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

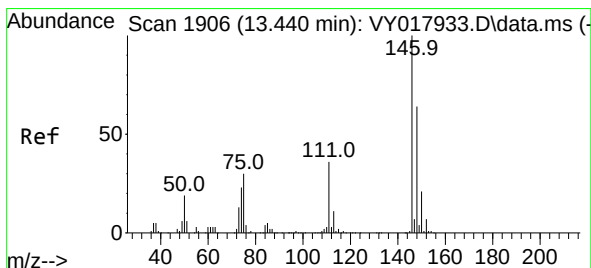
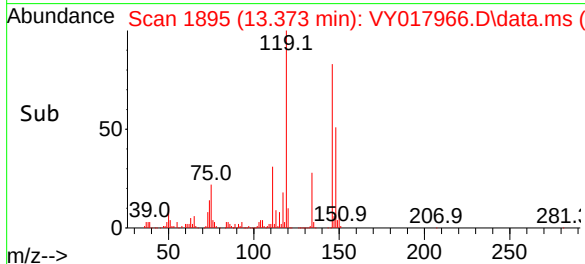
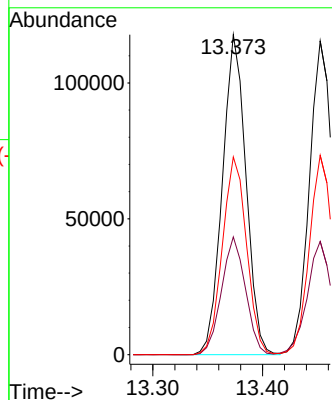
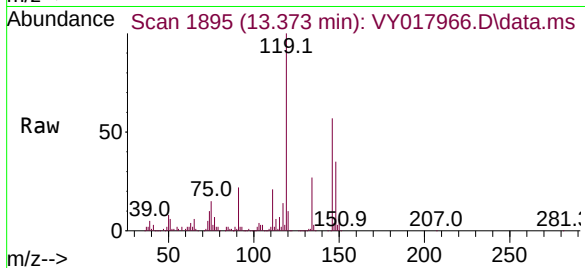
Tgt Ion:146 Resp: 176031

Ion Ratio Lower Upper

146 100

111 37.4 19.0 57.0

148 63.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 18.63 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

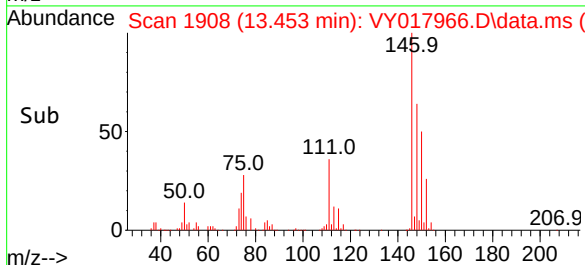
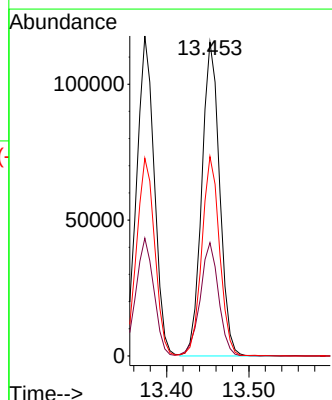
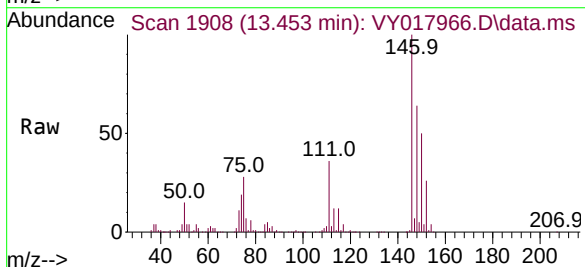
Tgt Ion:146 Resp: 173910

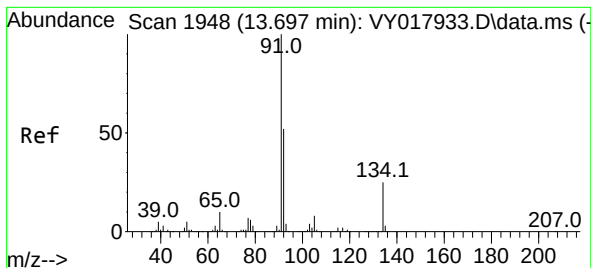
Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.4

148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 17.12 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

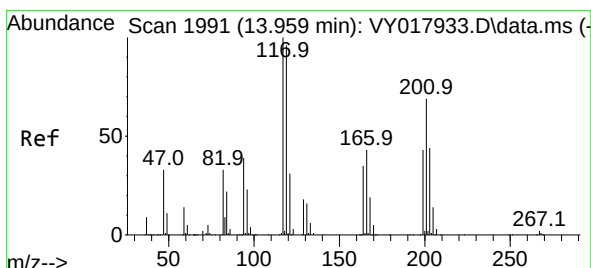
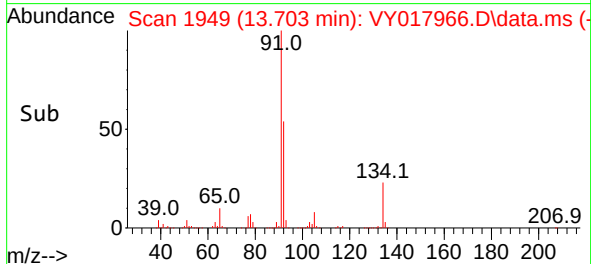
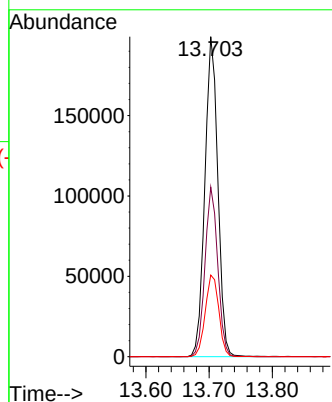
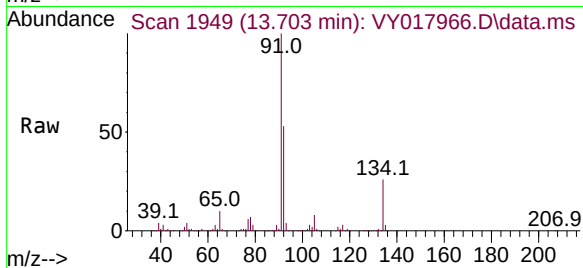
Tgt Ion: 91 Resp: 285140

Ion Ratio Lower Upper

91 100

92 52.1 26.6 79.7

134 26.6 12.9 38.7



#90

Hexachloroethane

Concen: 17.90 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY017966.D

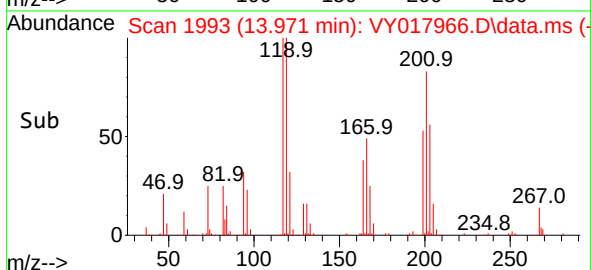
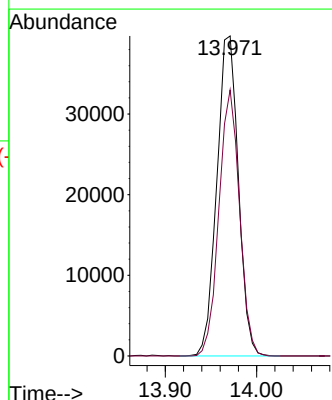
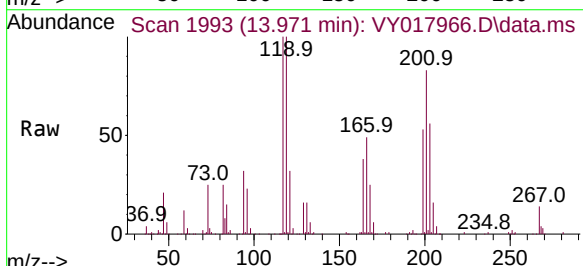
Acq: 18 Apr 2024 10:53

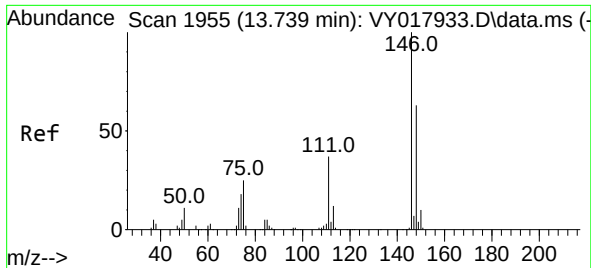
Tgt Ion: 117 Resp: 64972

Ion Ratio Lower Upper

117 100

201 79.6 37.4 112.2

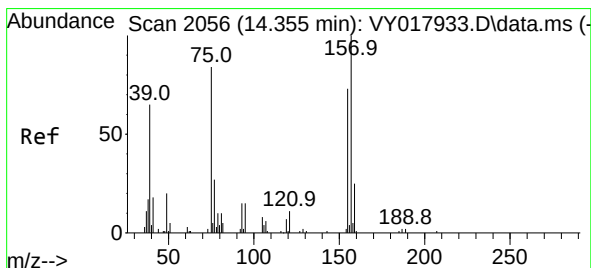
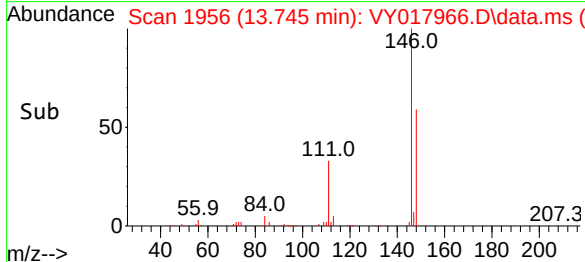
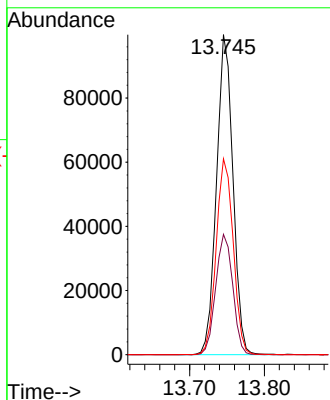
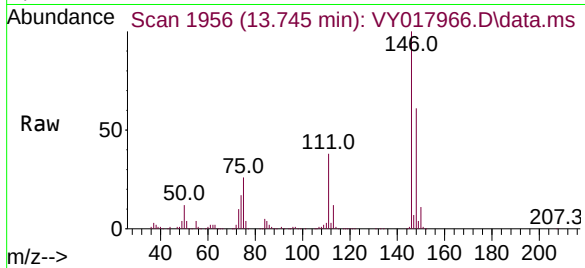




#91
1,2-Dichlorobenzene
Concen: 18.59 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

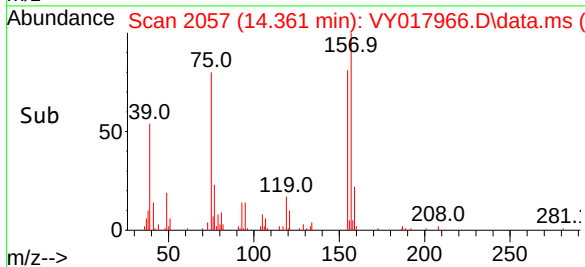
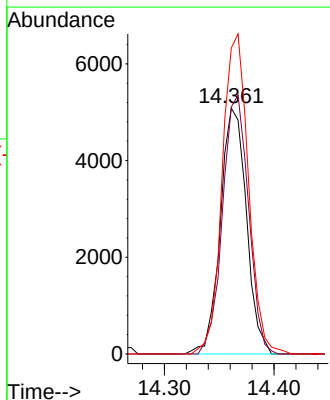
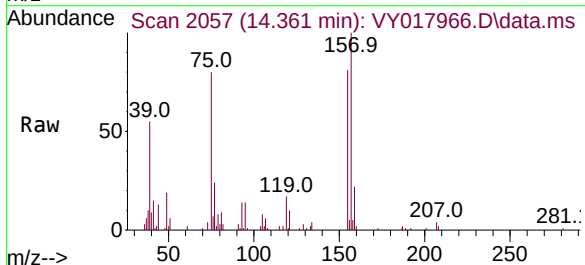
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

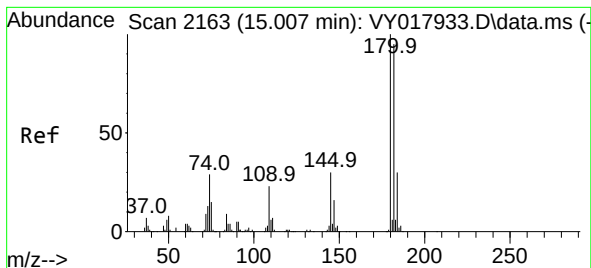
Tgt Ion:146 Resp: 152566
Ion Ratio Lower Upper
146 100
111 39.0 19.9 59.7
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.67 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY017966.D
Acq: 18 Apr 2024 10:53

Tgt Ion: 75 Resp: 8396
Ion Ratio Lower Upper
75 100
155 104.8 48.6 145.8
157 130.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 16.98 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

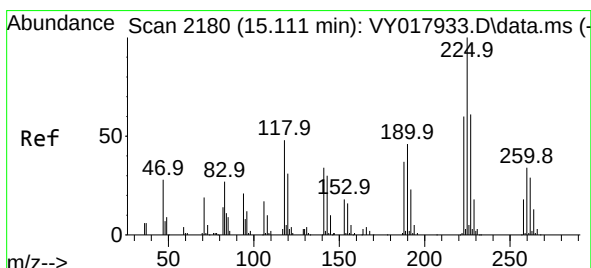
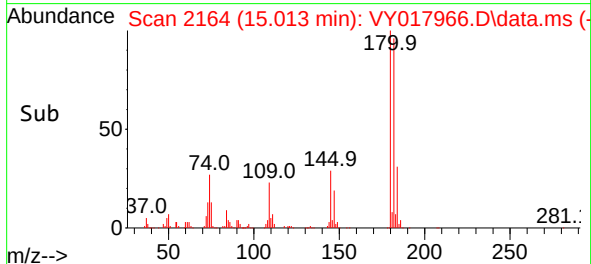
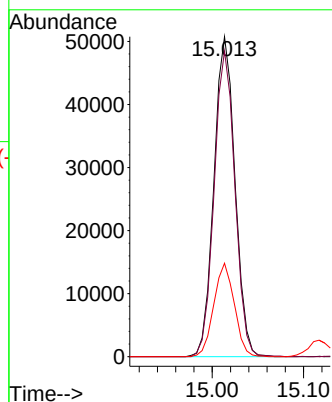
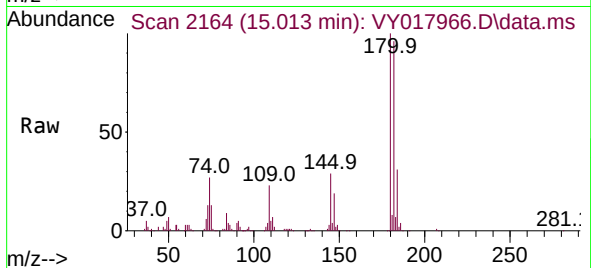
Tgt Ion:180 Resp: 81112

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.8

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.37 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

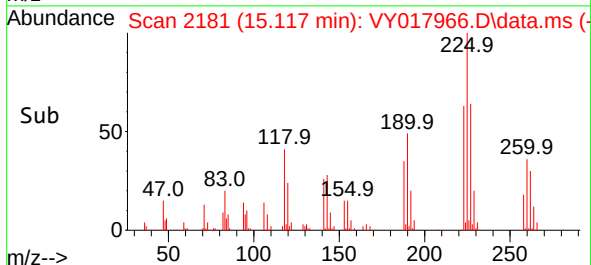
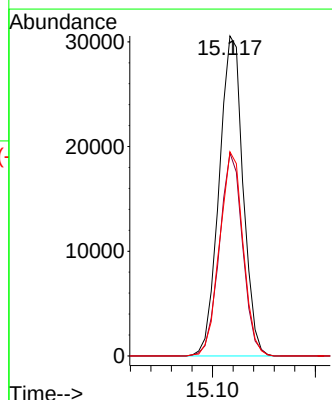
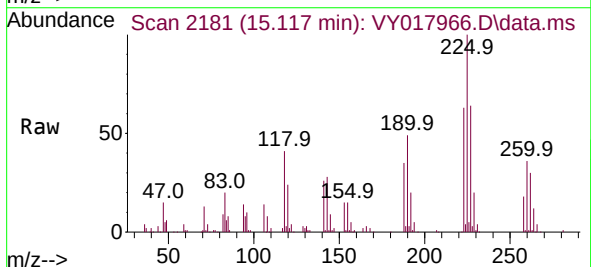
Tgt Ion:225 Resp: 49248

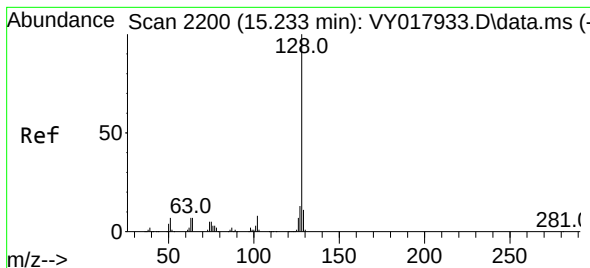
Ion Ratio Lower Upper

225 100

223 61.5 30.4 91.2

227 62.7 31.9 95.9





#95

Naphthalene

Concen: 16.32 ug/l

RT: 15.245 min Scan# 2200

Delta R.T. 0.012 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

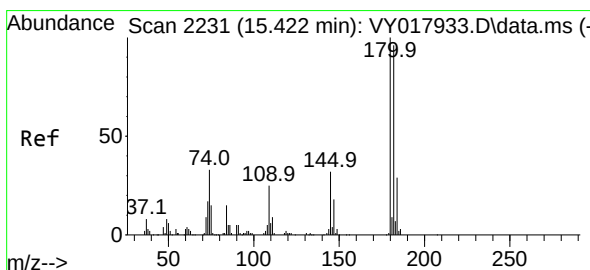
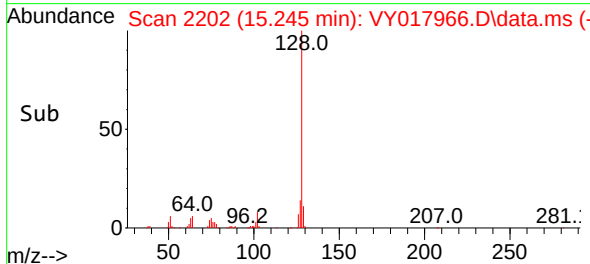
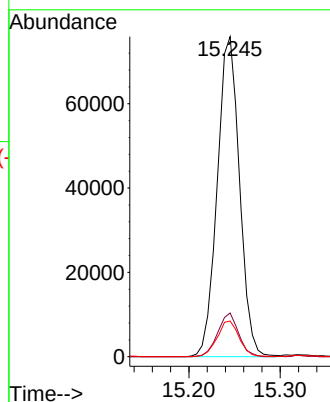
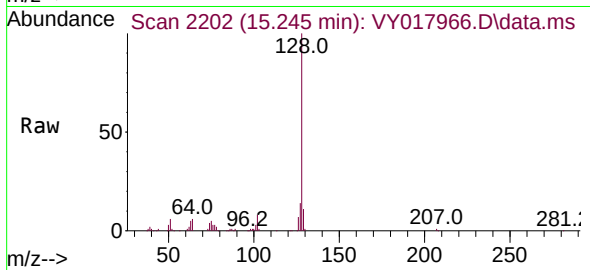
Tgt Ion:128 Resp: 128534

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.12 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.012 min

Lab File: VY017966.D

Acq: 18 Apr 2024 10:53

Tgt Ion:180 Resp: 68654

Ion Ratio Lower Upper

180 100

182 96.0 47.6 142.9

145 29.0 15.4 46.1

