

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017729.D
 Acq On : 20 Mar 2024 16:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 21 03:15:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	119640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	160535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78352	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45814	40.405	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.820%
35) Dibromofluoromethane	7.716	113	55667	44.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.620%
50) Toluene-d8	10.185	98	196668	44.778	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.560%
62) 4-Bromofluorobenzene	12.489	95	61908	44.851	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33146	37.558	ug/l	98
3) Chloromethane	2.113	50	55223	34.247	ug/l	94
4) Vinyl Chloride	2.247	62	72712	35.149	ug/l	98
5) Bromomethane	2.650	94	59999	35.591	ug/l	99
6) Chloroethane	2.796	64	48106	36.863	ug/l	100
7) Trichlorofluoromethane	3.119	101	79578	37.744	ug/l	91
8) Diethyl Ether	3.528	74	24251	39.217	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	48326	39.849	ug/l	95
10) Methyl Iodide	4.088	142	63983	47.012	ug/l	98
11) Tert butyl alcohol	4.942	59	13297	138.058	ug/l	99
12) 1,1-Dichloroethene	3.869	96	45466	40.228	ug/l	94
13) Acrolein	3.723	56	10823	85.164	ug/l	99
14) Allyl chloride	4.473	41	49882	36.527	ug/l	96
15) Acrylonitrile	5.155	53	47434	186.597	ug/l	99
16) Acetone	3.942	43	39774	180.853	ug/l	99
17) Carbon Disulfide	4.192	76	130977	38.610	ug/l	97
18) Methyl Acetate	4.466	43	20950	39.265	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	101737	38.621	ug/l	94
20) Methylene Chloride	4.716	84	54403	41.133	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	53181	40.188	ug/l	95
22) Diisopropyl ether	6.112	45	119254	37.843	ug/l	95
23) Vinyl Acetate	6.058	43	341966	182.109	ug/l	96
24) 1,1-Dichloroethane	6.009	63	82776	38.449	ug/l	99
25) 2-Butanone	6.984	43	53230	169.836	ug/l	98
26) 2,2-Dichloropropane	6.978	77	71545	39.526	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	60279	40.571	ug/l	95
28) Bromochloromethane	7.332	49	37295	43.986	ug/l	83
29) Tetrahydrofuran	7.344	42	33356	176.551	ug/l	96
30) Chloroform	7.503	83	91948	40.115	ug/l	100
31) Cyclohexane	7.789	56	66497	36.037	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	80789	40.598	ug/l	97
36) 1,1-Dichloropropene	7.917	75	69675	41.109	ug/l	98
37) Ethyl Acetate	7.076	43	24756	36.982	ug/l #	97
38) Carbon Tetrachloride	7.905	117	73369	43.193	ug/l	99
39) Methylcyclohexane	9.185	83	83623	41.055	ug/l	99
40) Benzene	8.161	78	205955	40.918	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	19229	57.243	ug/l #	15
42) 1,2-Dichloroethane	8.234	62	50445	41.077	ug/l	99
43) Isopropyl Acetate	8.277	43	42847	36.424	ug/l	95
44) Trichloroethene	8.941	130	62264	42.918	ug/l	98
45) 1,2-Dichloropropane	9.222	63	47493	39.660	ug/l	98
46) Dibromomethane	9.307	93	28279	41.263	ug/l	92
47) Bromodichloromethane	9.496	83	69060	41.501	ug/l	97
48) Methyl methacrylate	9.295	41	19075	35.032	ug/l	91
49) 1,4-Dioxane	9.301	88	6271	808.535	ug/l #	94
51) 4-Methyl-2-Pentanone	10.075	43	116729	178.048	ug/l	97
52) Toluene	10.246	92	133769	42.158	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	62971	40.771	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	77380	41.231	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	40112	41.223	ug/l	95
56) Ethyl methacrylate	10.514	69	43990	37.421	ug/l	94
57) 1,3-Dichloropropane	10.795	76	64630	40.852	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	120925	215.363	ug/l	94
59) 2-Hexanone	10.837	43	79999	177.649	ug/l	96
60) Dibromochloromethane	10.990	129	50655	44.005	ug/l	99
61) 1,2-Dibromoethane	11.093	107	38937	43.423	ug/l	97
64) Tetrachloroethene	10.721	164	70167	45.538	ug/l	98
65) Chlorobenzene	11.520	112	142188	41.728	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	53992	42.295	ug/l	100
67) Ethyl Benzene	11.599	91	248217	41.537	ug/l	97
68) m/p-Xylenes	11.709	106	201232	85.698	ug/l	97
69) o-Xylene	12.038	106	93444	42.894	ug/l	97
70) Styrene	12.050	104	153194	42.365	ug/l	98
71) Bromoform	12.215	173	30635	43.306	ug/l #	97
73) Isopropylbenzene	12.337	105	243819	41.886	ug/l	99
74) N-amyl acetate	12.148	43	34933	34.025	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	39140	39.156	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	49654	66.698	ug/l #	100
77) Bromobenzene	12.617	156	60218	42.717	ug/l	91
78) n-propylbenzene	12.678	91	292404	41.864	ug/l	98
79) 2-Chlorotoluene	12.764	91	161177	41.216	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	198951	42.660	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	11967	36.936	ug/l	95
82) 4-Chlorotoluene	12.861	91	166868	41.719	ug/l	97
83) tert-Butylbenzene	13.081	119	173270	42.310	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	198188	43.046	ug/l	100
85) sec-Butylbenzene	13.258	105	268528	42.888	ug/l	99
86) p-Isopropyltoluene	13.379	119	219422	42.811	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	118656	41.935	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	116477	42.342	ug/l	98
89) n-Butylbenzene	13.703	91	195560	41.820	ug/l	99
90) Hexachloroethane	13.971	117	42678	41.534	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	102626	42.879	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5144	36.605	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	54453	43.073	ug/l	99
94) Hexachlorobutadiene	15.117	225	36670	46.982	ug/l	99
95) Naphthalene	15.245	128	84086	35.554	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	45981	42.398	ug/l	99

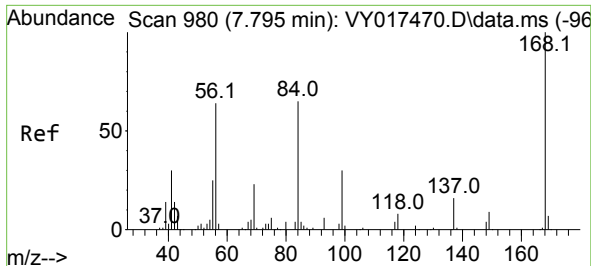
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
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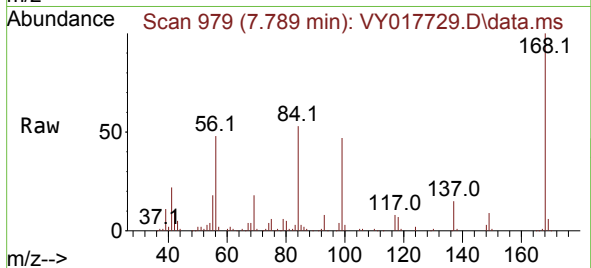
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

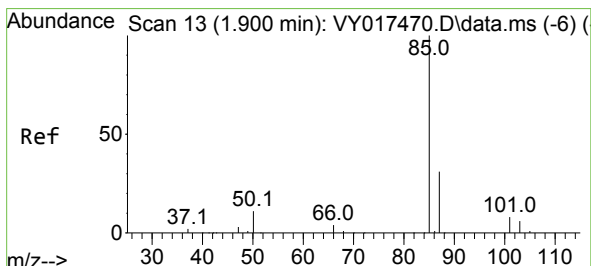
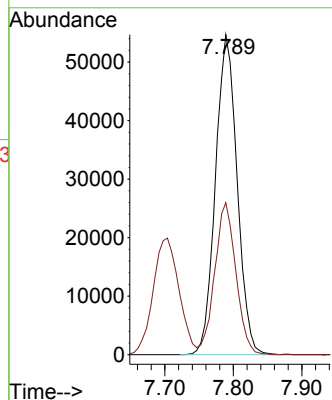
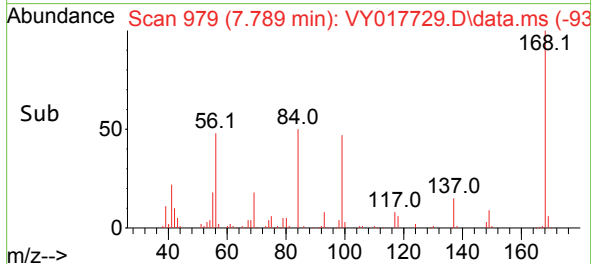


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

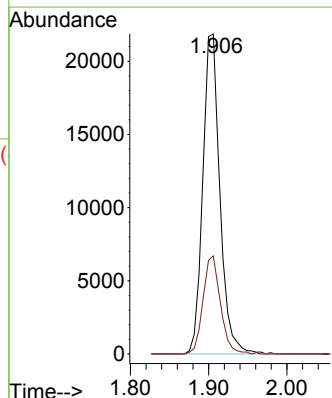
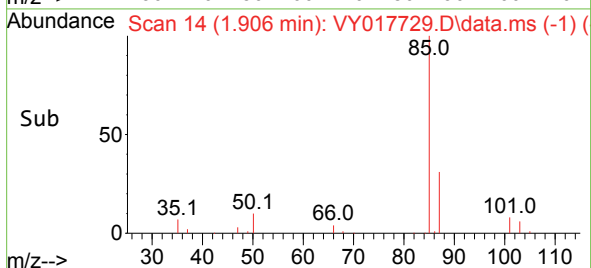
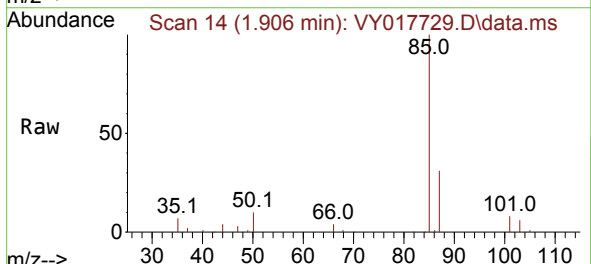


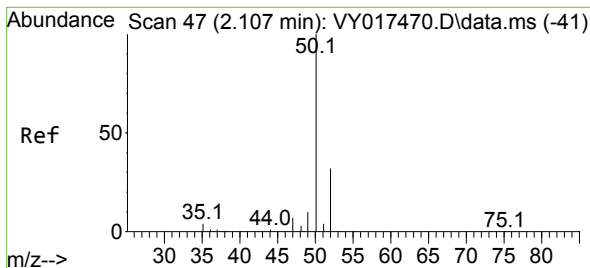
Tgt Ion:168 Resp: 119640
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 37.558 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 85 Resp: 33146
Ion Ratio Lower Upper
85 100
87 30.6 16.0 48.0





#3

Chloromethane

Concen: 34.247 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

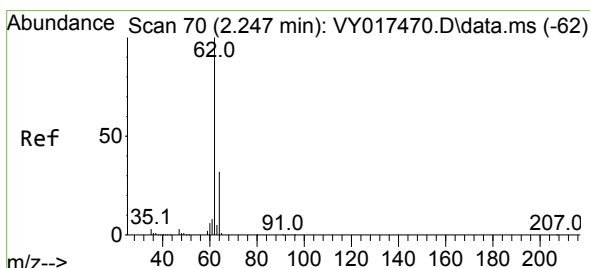
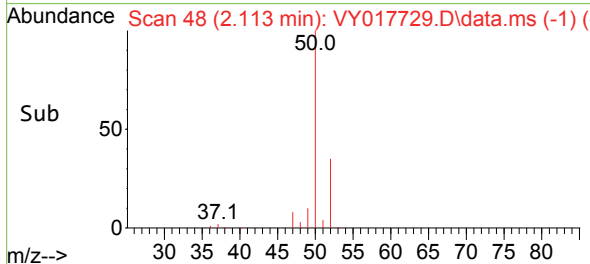
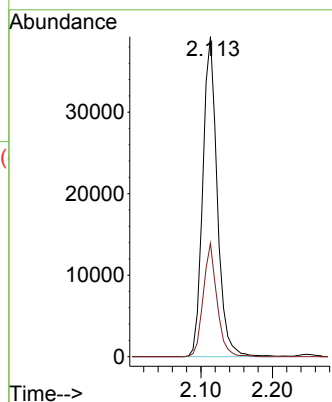
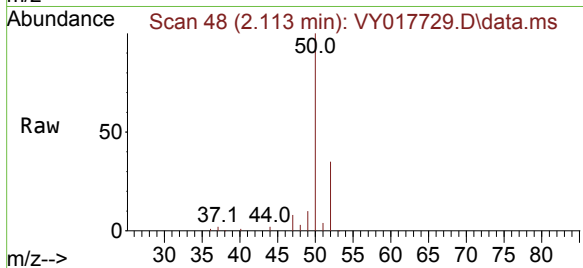
ClientSampleId :

Tgt Ion: 50 Resp: 55223

Ion Ratio Lower Upper

50 100

52 35.4 25.6 38.4



#4

Vinyl Chloride

Concen: 35.149 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY017729.D

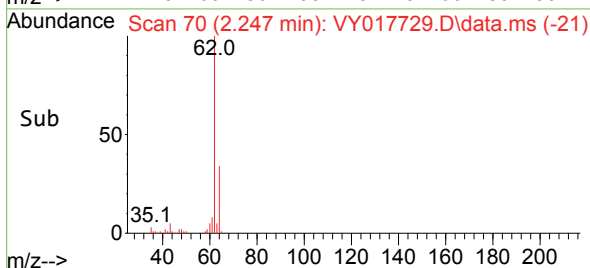
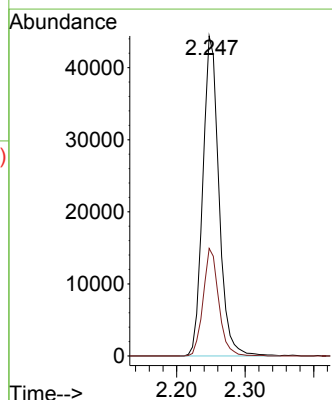
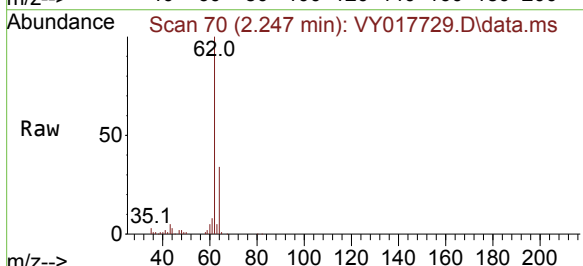
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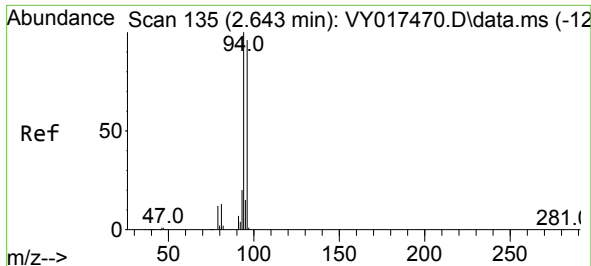
Tgt Ion: 62 Resp: 72712

Ion Ratio Lower Upper

62 100

64 33.6 26.1 39.1

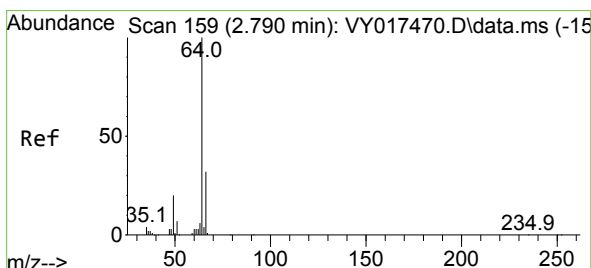
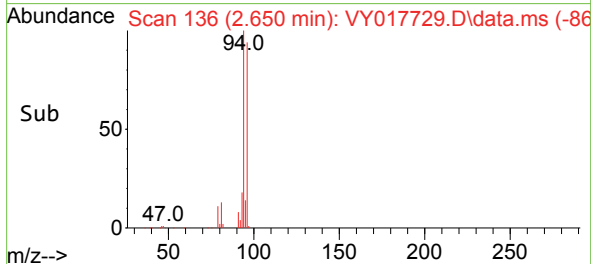
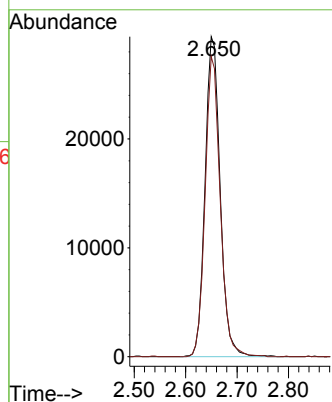
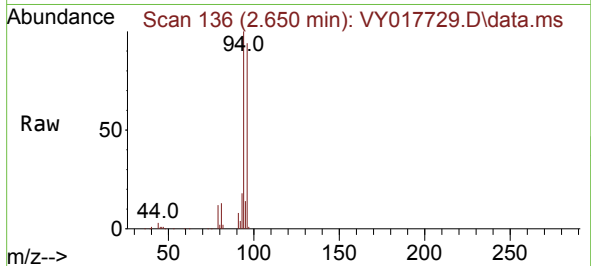




#5
Bromomethane
Concen: 35.591 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

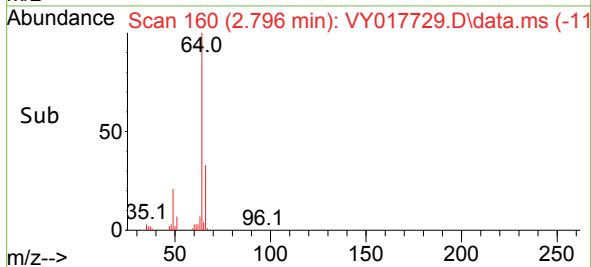
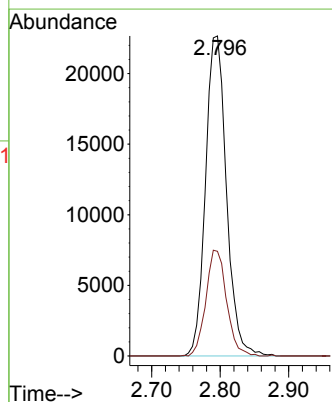
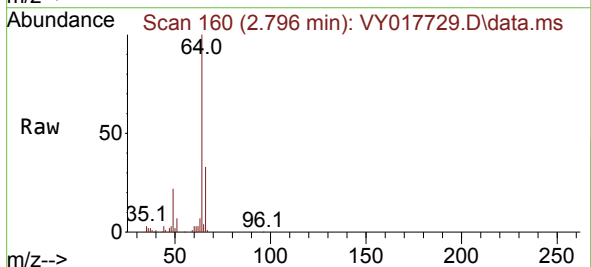
Instrument :
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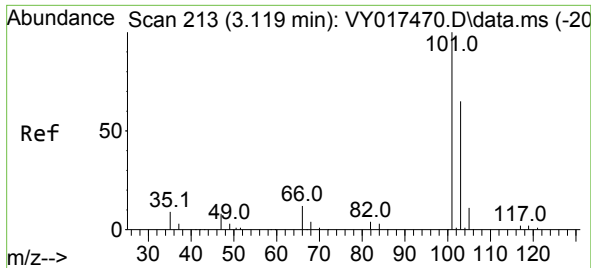
Tgt Ion: 94 Resp: 59999
Ion Ratio Lower Upper
94 100
96 93.7 74.1 111.1



#6
Chloroethane
Concen: 36.863 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 64 Resp: 48106
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1

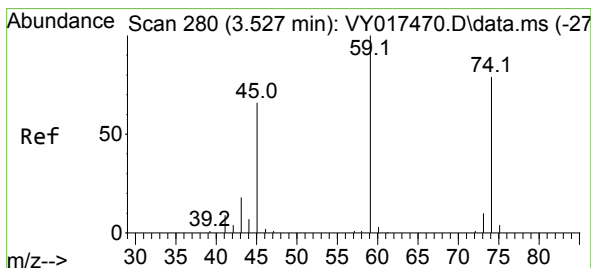
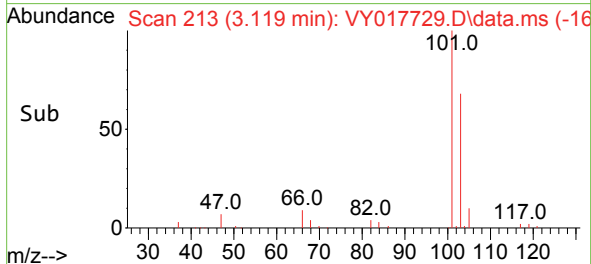
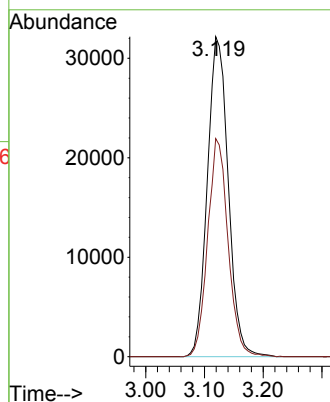
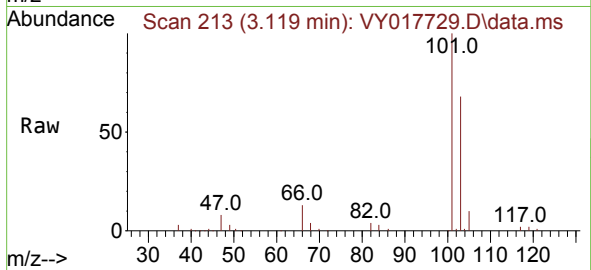




#7
 Trichlorofluoromethane
 Concen: 37.744 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017729.D
 Acq: 20 Mar 2024 16:56

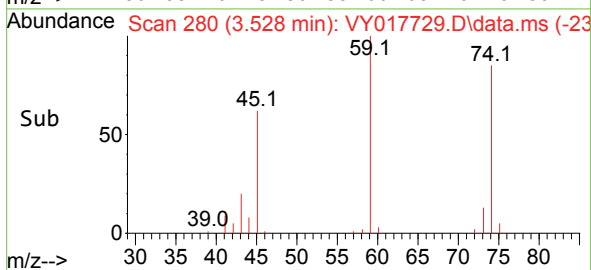
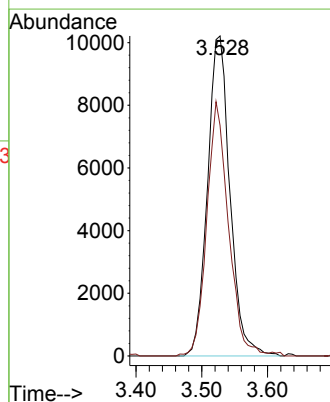
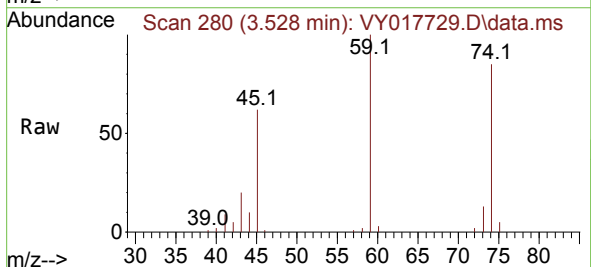
Instrument :
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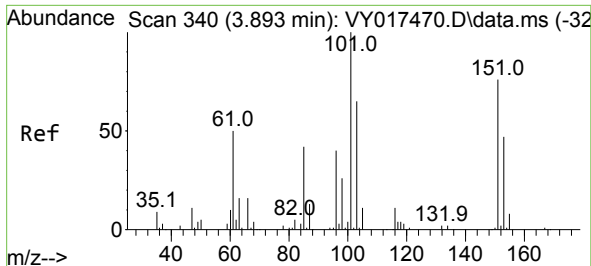
Tgt Ion:101 Resp: 79578
 Ion Ratio Lower Upper
 101 100
 103 68.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 39.217 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017729.D
 Acq: 20 Mar 2024 16:56

Tgt Ion: 74 Resp: 24251
 Ion Ratio Lower Upper
 74 100
 45 76.6 41.3 124.1

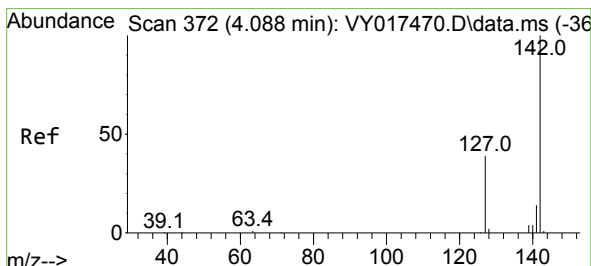
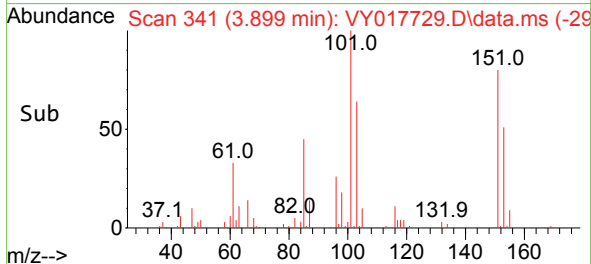
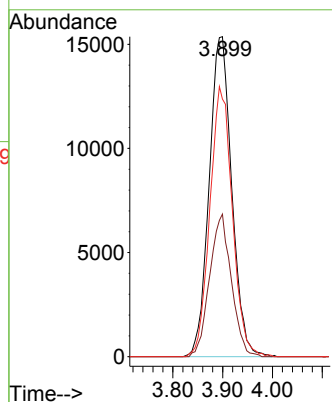
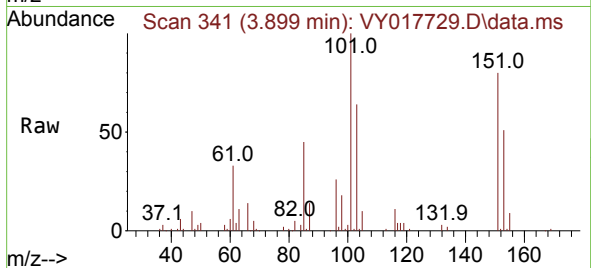




#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.849 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017729.D
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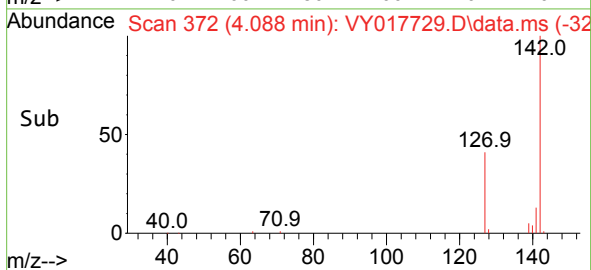
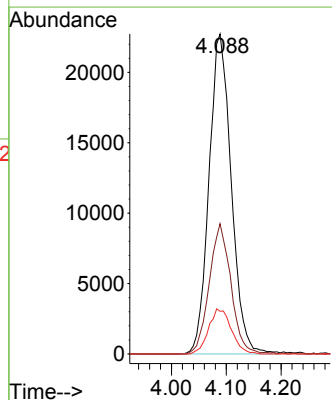
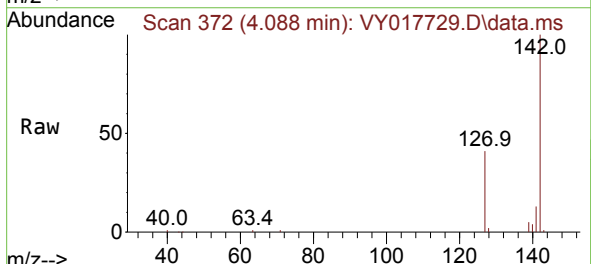
Instrument :
MSVOA_Y
ClientSampleId :

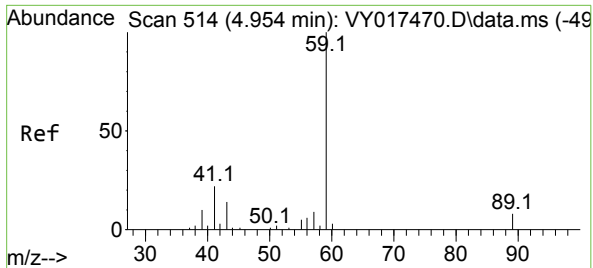
Tgt Ion:101 Resp: 48326
Ion Ratio Lower Upper
101 100
85 42.8 34.5 51.7
151 83.9 61.7 92.5



#10
Methyl Iodide
Concen: 47.012 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion:142 Resp: 63983
Ion Ratio Lower Upper
142 100
127 39.8 32.8 49.2
141 14.4 11.4 17.2

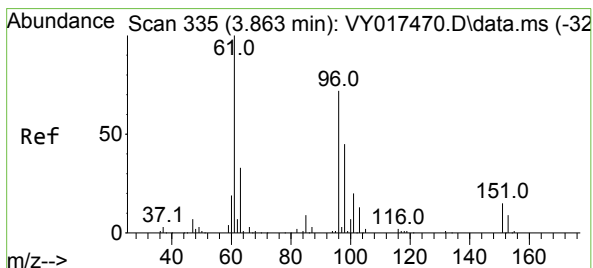
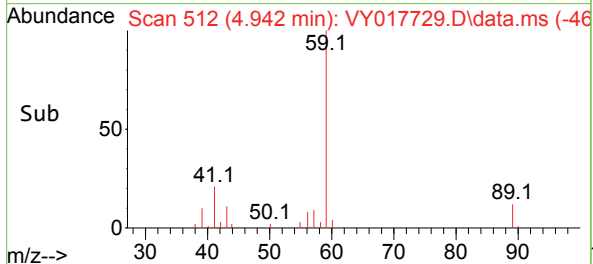
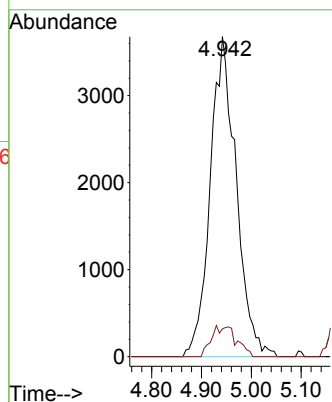
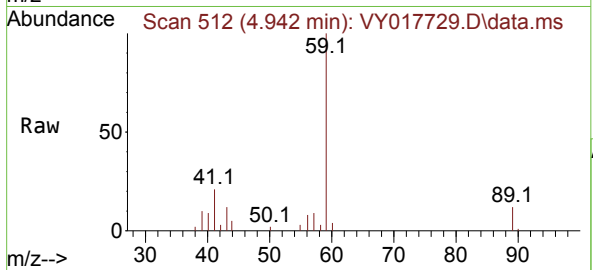




#11
Tert butyl alcohol
Concen: 138.058 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

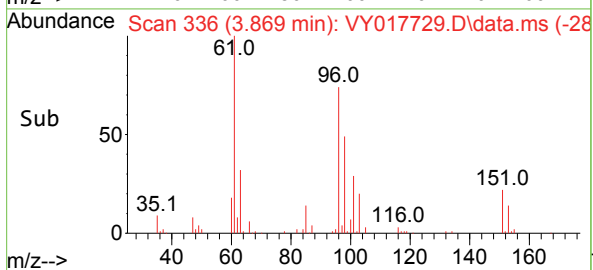
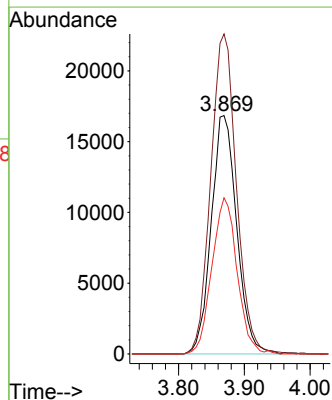
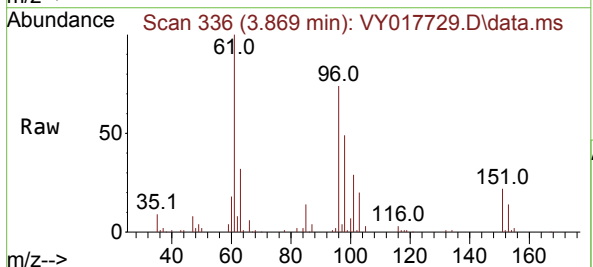
Instrument :
MSVOA_Y
ClientSampleId :

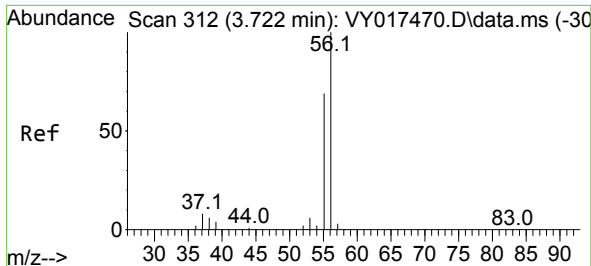
Tgt Ion: 59 Resp: 13297
Ion Ratio Lower Upper
59 100
57 3.5 3.0 4.6



#12
1,1-Dichloroethene
Concen: 40.228 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 96 Resp: 45466
Ion Ratio Lower Upper
96 100
61 134.3 114.6 171.8
98 65.5 50.8 76.2





#13

Acrolein

Concen: 85.164 ug/l

RT: 3.723 min Scan# 312

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

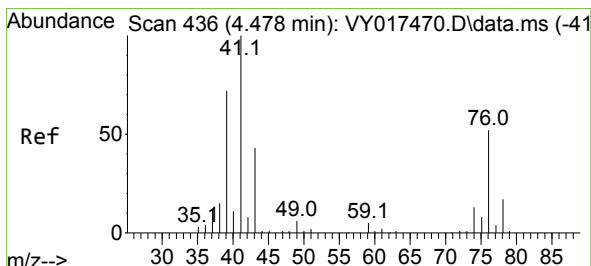
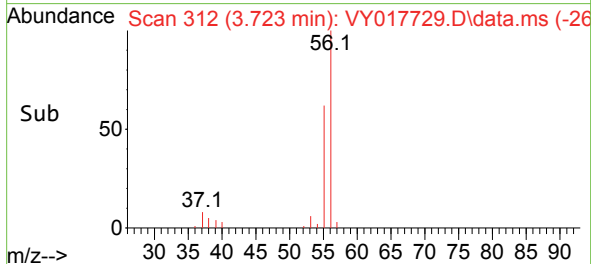
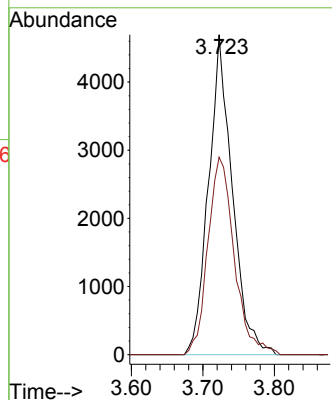
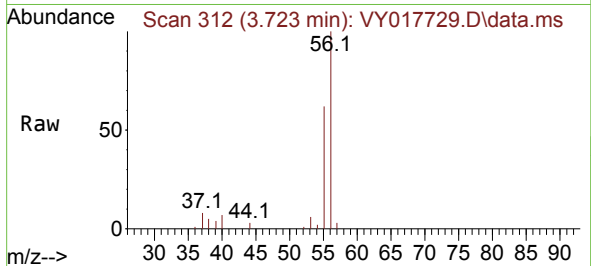
ClientSampleId :

Tgt Ion: 56 Resp: 10823

Ion Ratio Lower Upper

56 100

55 68.6 55.7 83.5



#14

Allyl chloride

Concen: 36.527 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

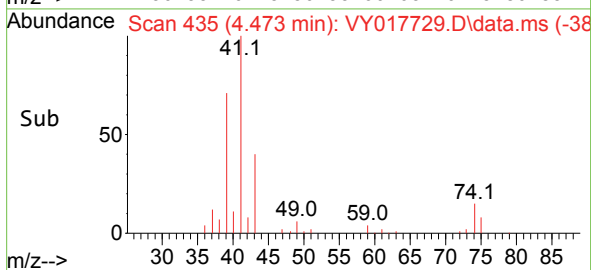
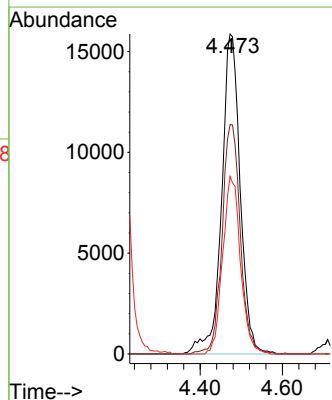
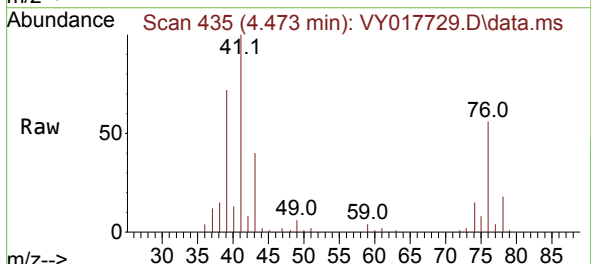
Tgt Ion: 41 Resp: 49882

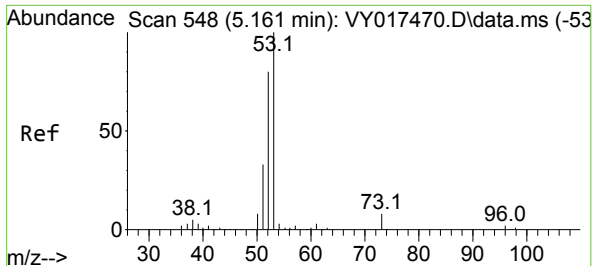
Ion Ratio Lower Upper

41 100

39 70.4 58.3 87.5

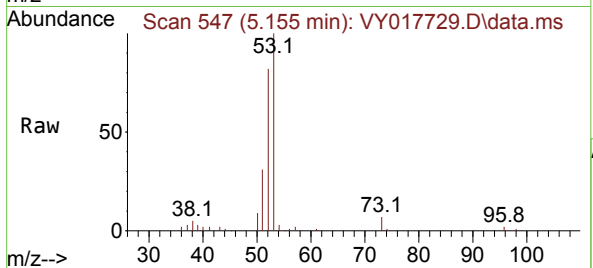
76 53.2 39.0 58.6



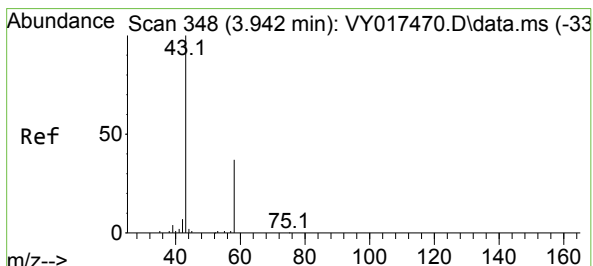
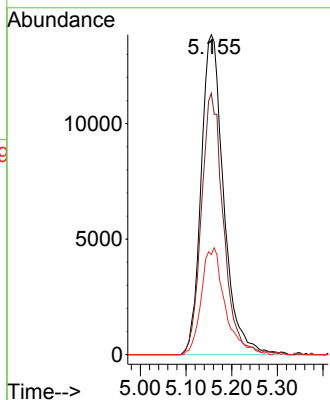
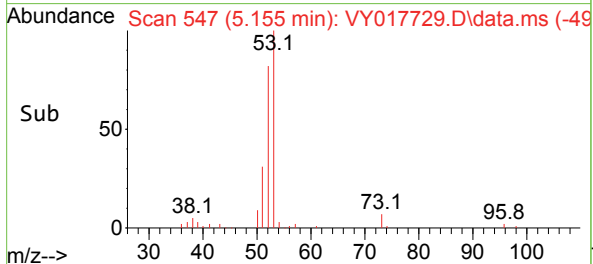


#15
Acrylonitrile
Concen: 186.597 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

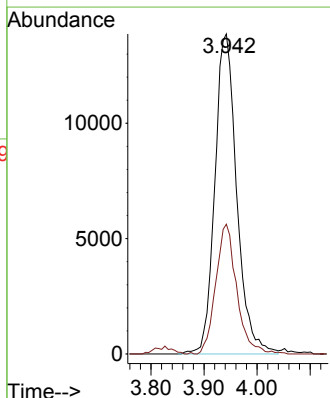
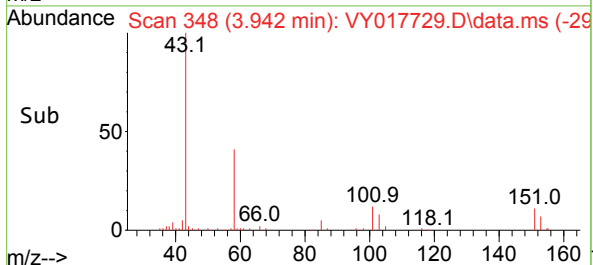
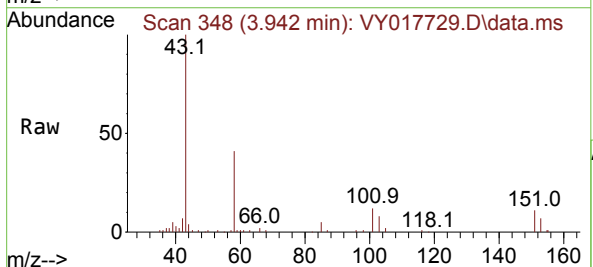


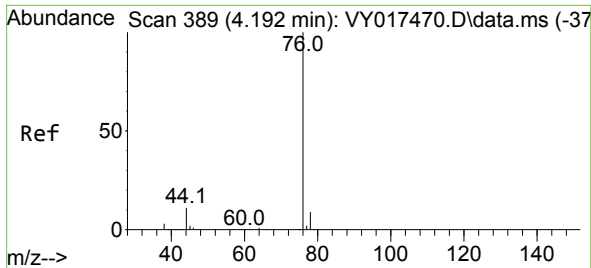
Tgt Ion: 53 Resp: 47434
Ion Ratio Lower Upper
53 100
52 79.4 64.7 97.1
51 35.2 28.4 42.6



#16
Acetone
Concen: 180.853 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 43 Resp: 39774
Ion Ratio Lower Upper
43 100
58 40.0 31.7 47.5

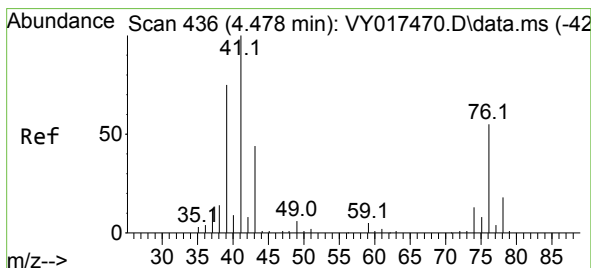
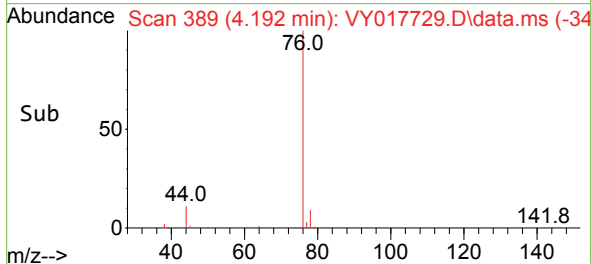
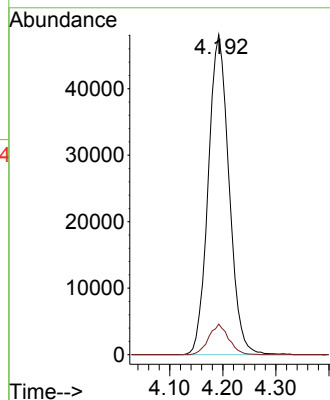
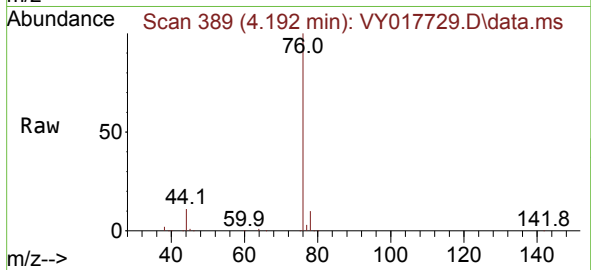




#17
Carbon Disulfide
Concen: 38.610 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

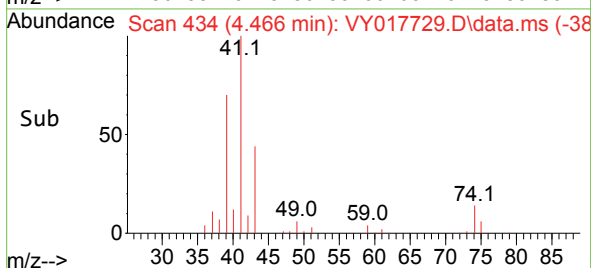
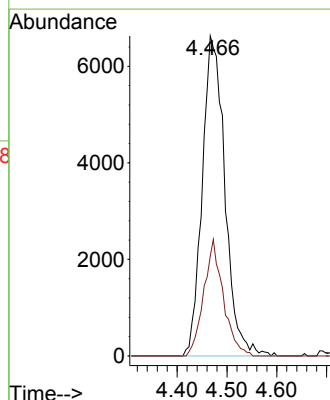
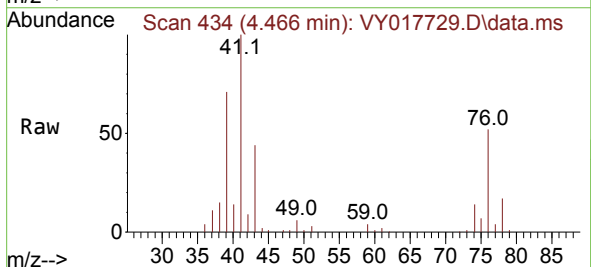
Instrument :
MSVOA_Y
ClientSampleId :

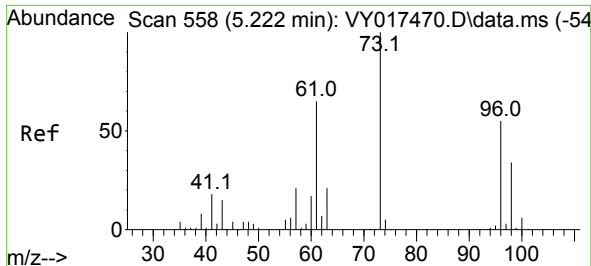
Tgt Ion: 76 Resp: 130977
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 39.265 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 43 Resp: 20950
Ion Ratio Lower Upper
43 100
74 31.4 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 38.621 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

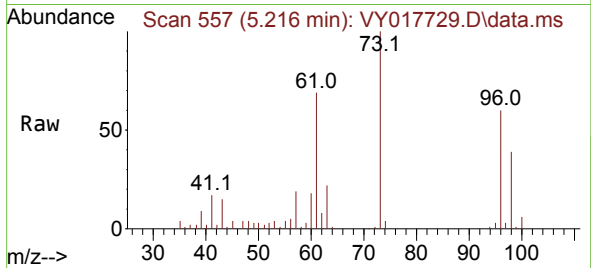
Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

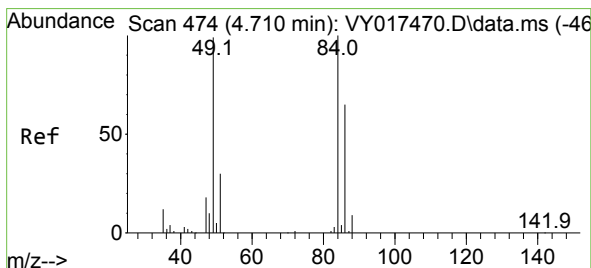
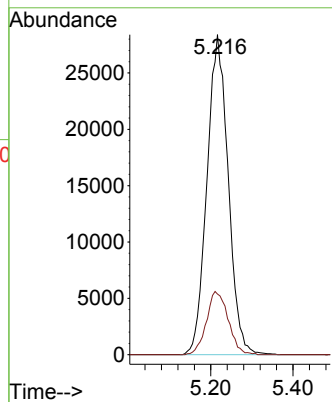
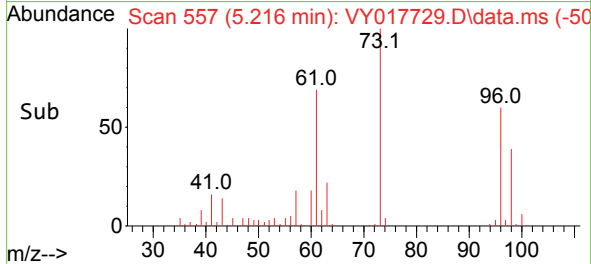


Tgt Ion: 73 Resp: 101737

Ion Ratio Lower Upper

73 100

57 19.0 17.3 25.9



#20

Methylene Chloride

Concen: 41.133 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Tgt Ion: 84 Resp: 54403

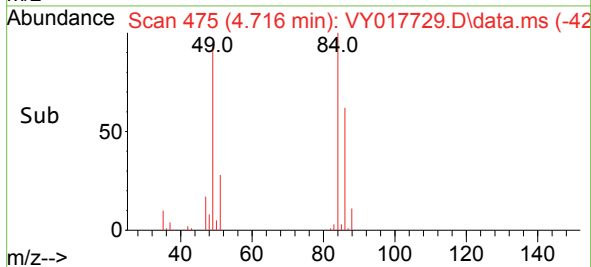
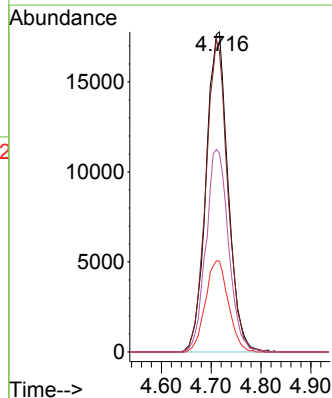
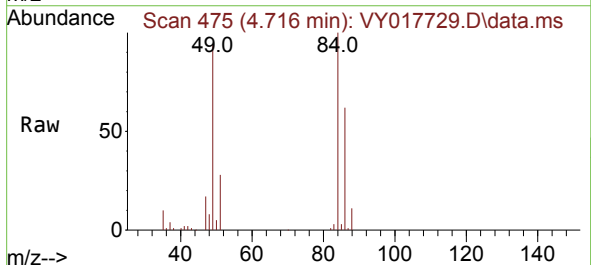
Ion Ratio Lower Upper

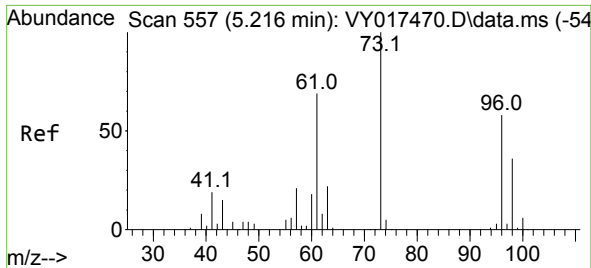
84 100

49 94.0 84.4 126.6

51 28.4 26.0 39.0

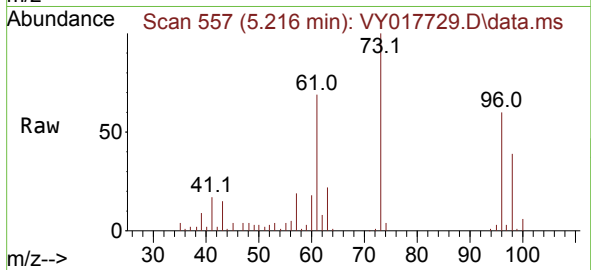
86 62.1 49.5 74.3



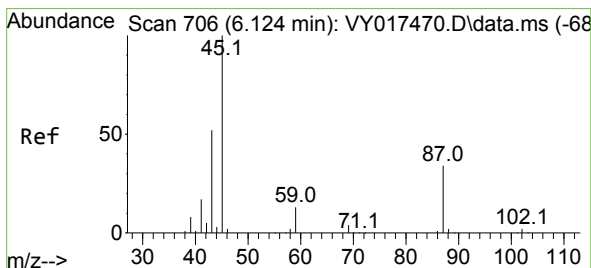
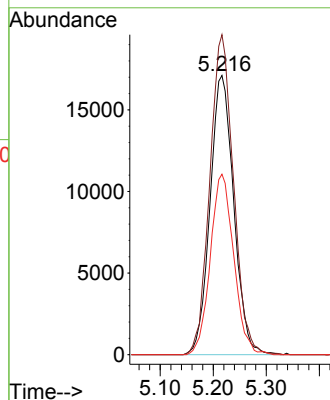
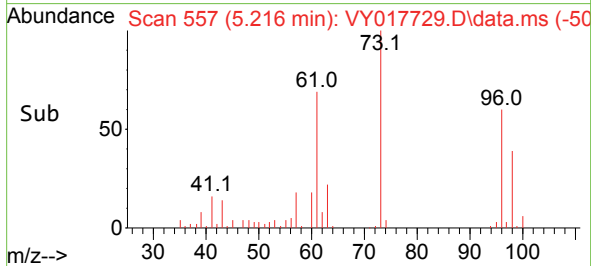


#21
trans-1,2-Dichloroethene
Concen: 40.188 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

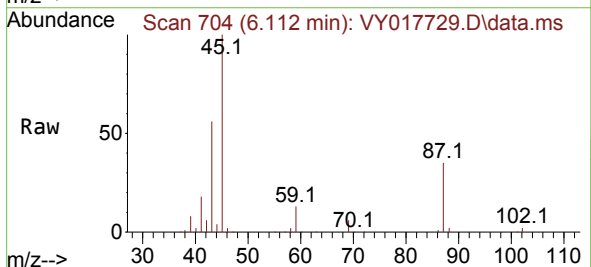
Instrument :
MSVOA_Y
ClientSampleId :



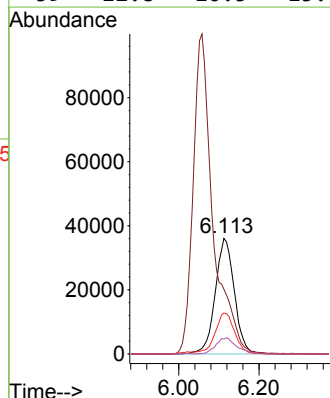
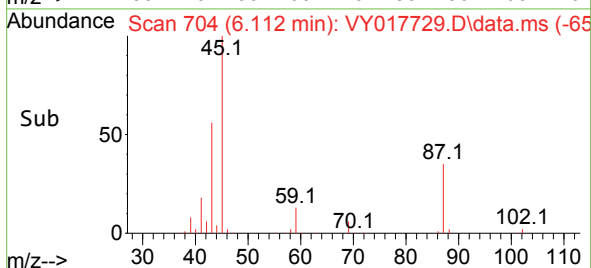
Tgt Ion: 96 Resp: 53181
Ion Ratio Lower Upper
96 100
61 114.6 97.5 146.3
98 64.7 50.5 75.7

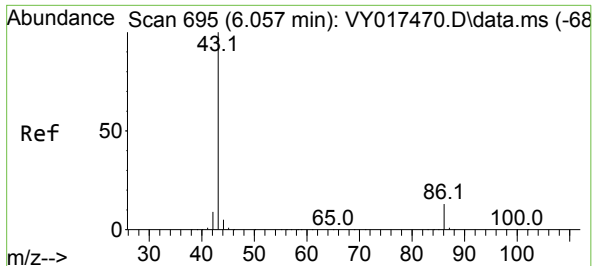


#22
Diisopropyl ether
Concen: 37.843 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56



Tgt Ion: 45 Resp: 119254
Ion Ratio Lower Upper
45 100
43 55.8 42.2 63.2
87 35.5 25.0 37.6
59 12.8 10.5 15.7

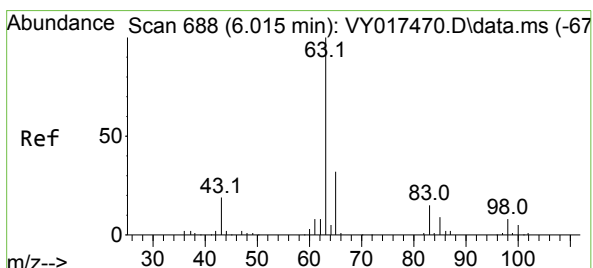
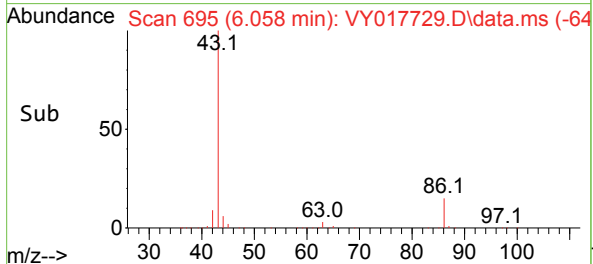
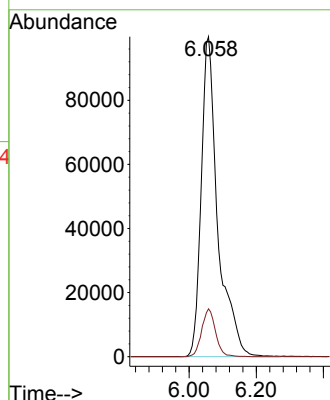
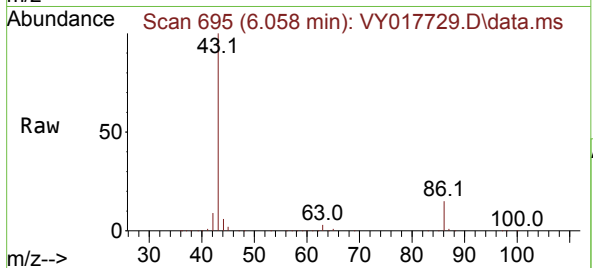




#23
 Vinyl Acetate
 Concen: 182.109 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017729.D
 Acq: 20 Mar 2024 16:56

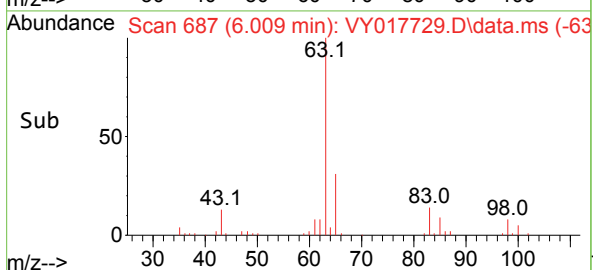
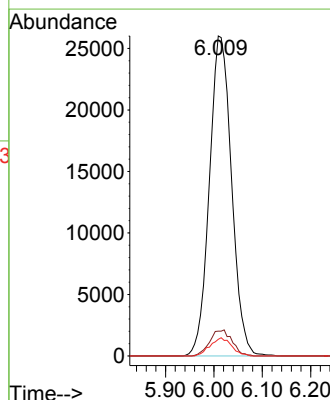
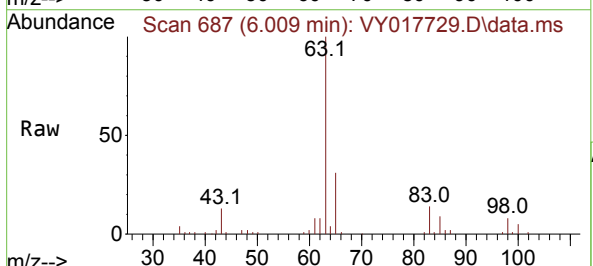
Instrument :
 MSVOA_Y
 ClientSampleId :

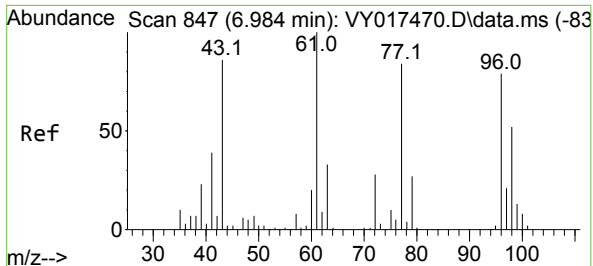
Tgt Ion: 43 Resp: 341966
 Ion Ratio Lower Upper
 43 100
 86 15.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 38.449 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY017729.D
 Acq: 20 Mar 2024 16:56

Tgt Ion: 63 Resp: 82776
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 5.2 2.6 8.0





#25

2-Butanone

Concen: 169.836 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

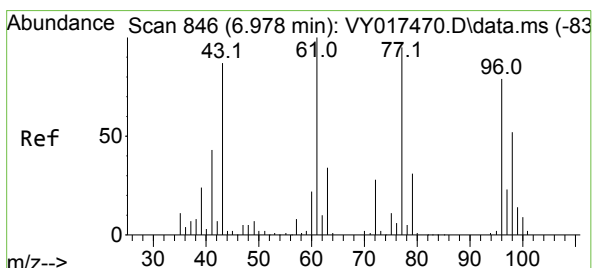
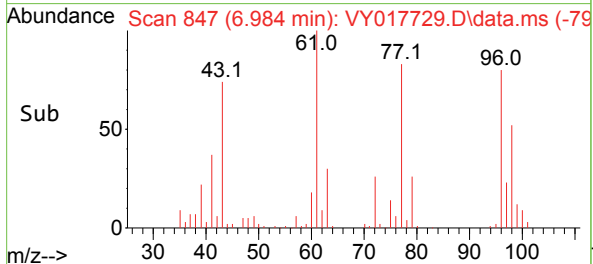
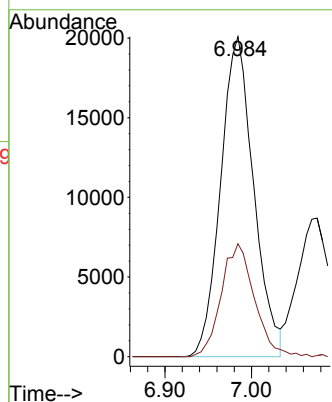
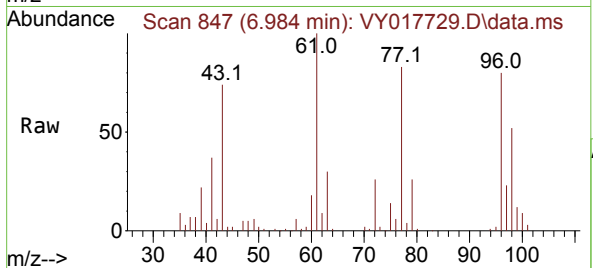
ClientSampleId :

Tgt Ion: 43 Resp: 53230

Ion Ratio Lower Upper

43 100

72 35.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 39.526 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY017729.D

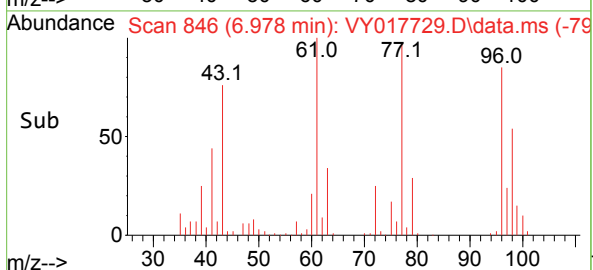
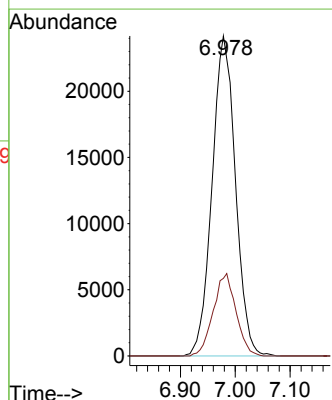
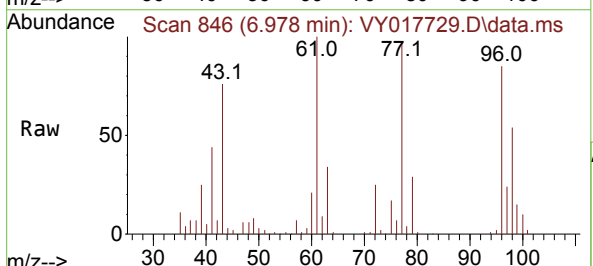
Acq: 20 Mar 2024 16:56

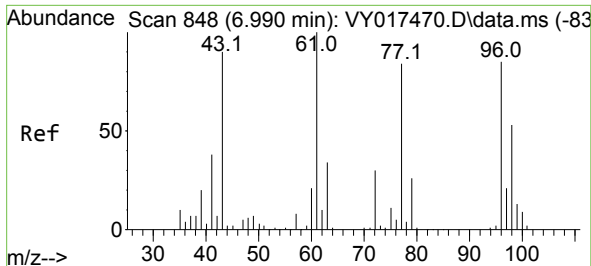
Tgt Ion: 77 Resp: 71545

Ion Ratio Lower Upper

77 100

97 25.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 40.571 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

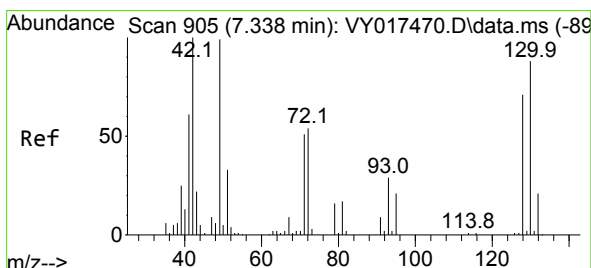
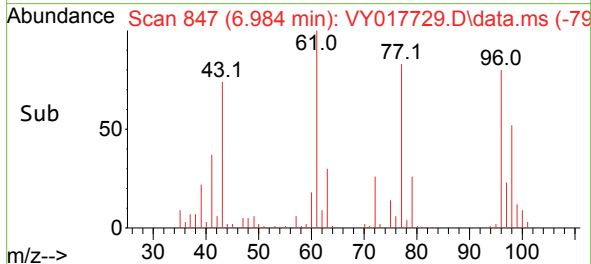
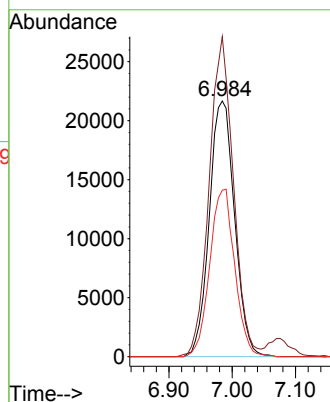
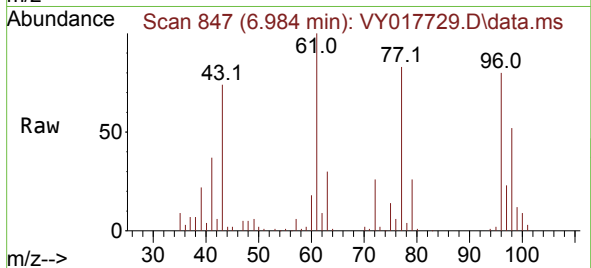
Tgt Ion: 96 Resp: 60279

Ion Ratio Lower Upper

96 100

61 119.7 0.0 256.2

98 64.7 0.0 130.0



#28

Bromochloromethane

Concen: 43.986 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

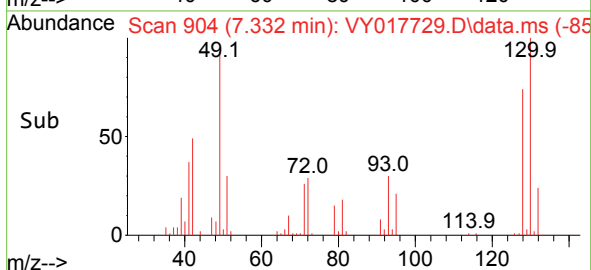
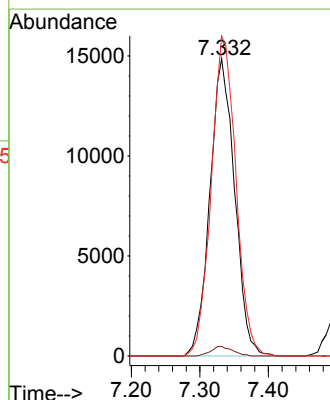
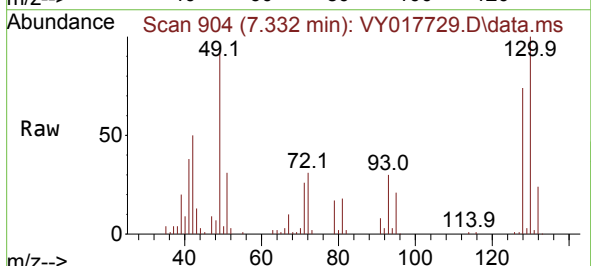
Tgt Ion: 49 Resp: 37295

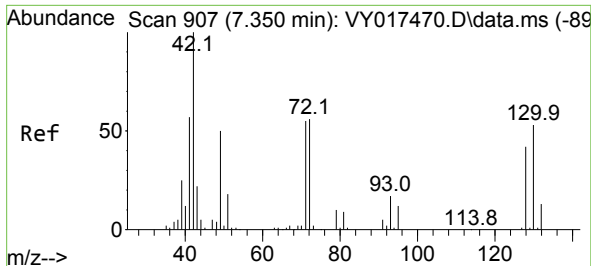
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 107.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 176.551 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

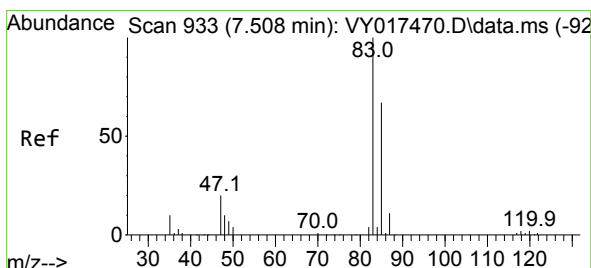
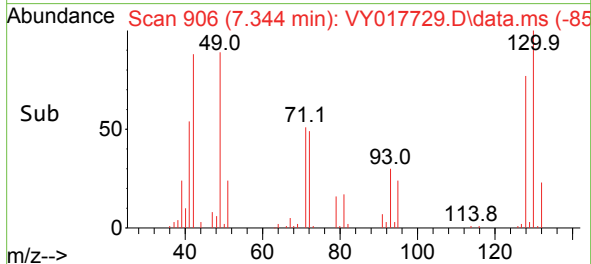
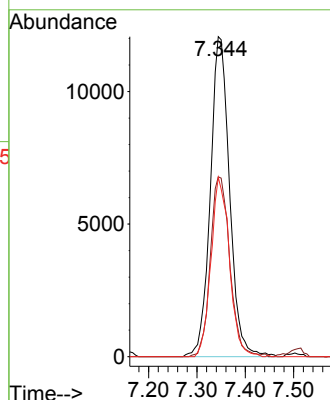
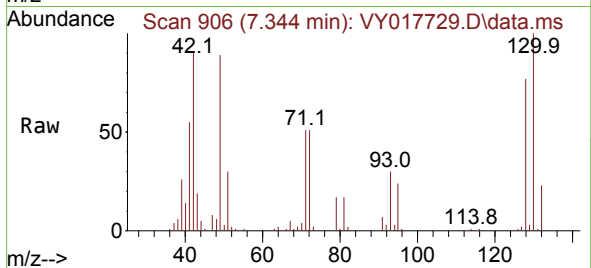
Tgt Ion: 42 Resp: 33356

Ion Ratio Lower Upper

42 100

72 56.9 43.0 64.4

71 53.7 40.8 61.2



#30

Chloroform

Concen: 40.115 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017729.D

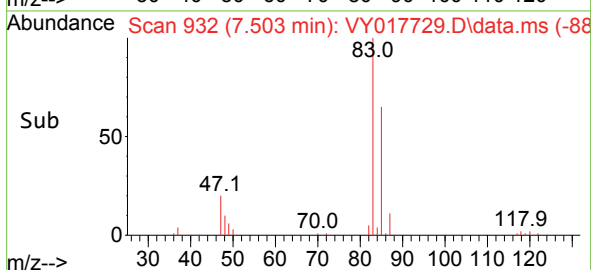
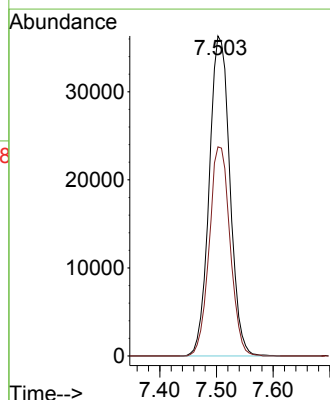
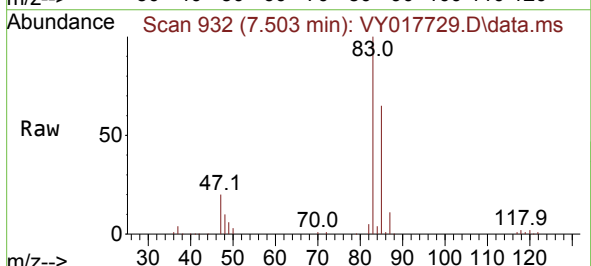
Acq: 20 Mar 2024 16:56

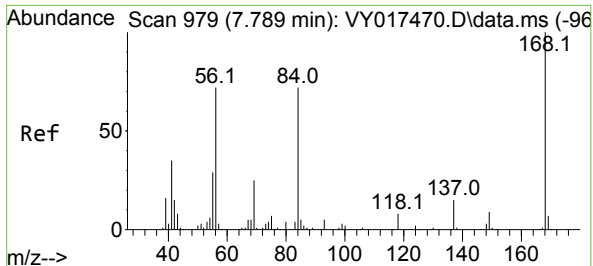
Tgt Ion: 83 Resp: 91948

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.4

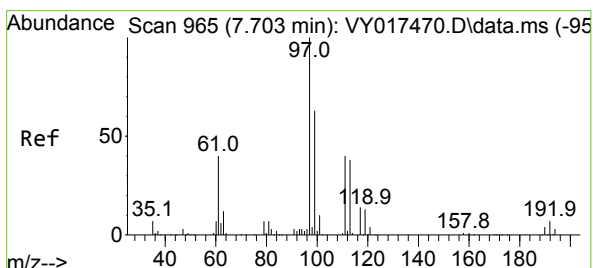
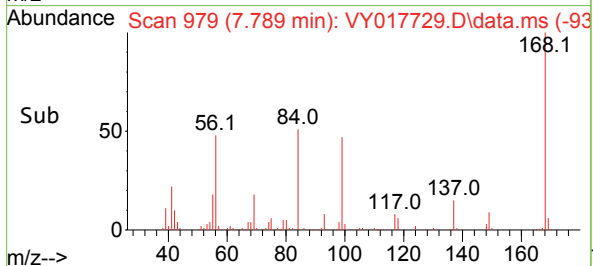
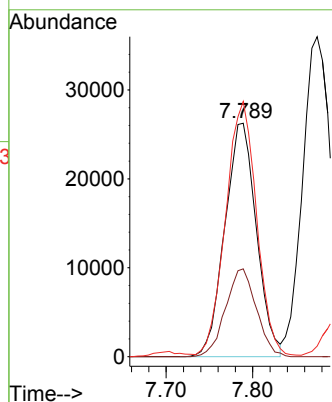
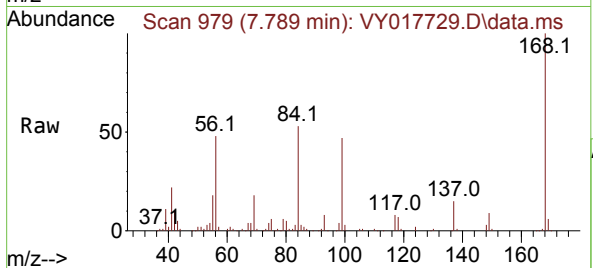




#31
Cyclohexane
Concen: 36.037 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

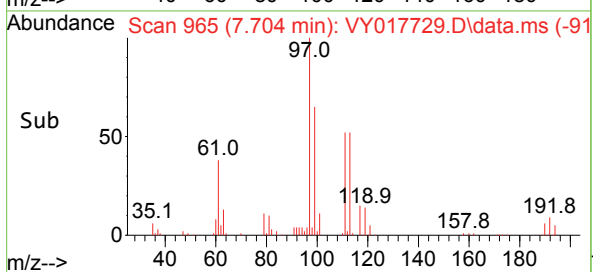
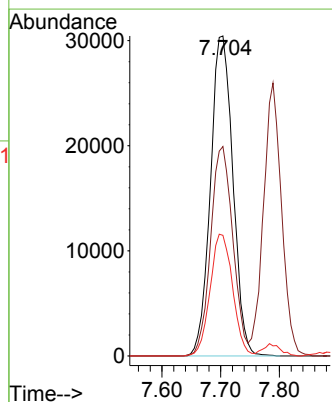
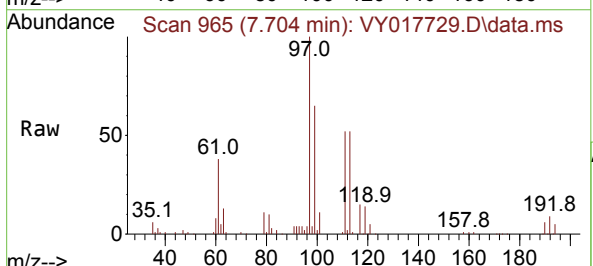
Instrument :
MSVOA_Y
ClientSampleId :

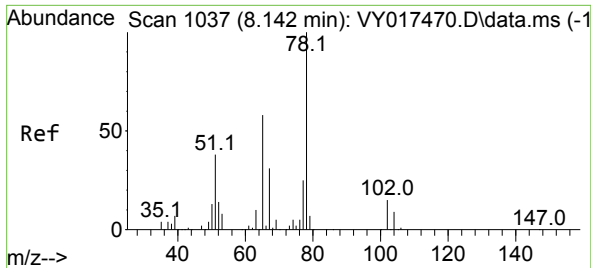
Tgt Ion: 56 Resp: 66497
Ion Ratio Lower Upper
56 100
69 37.7 28.7 43.1
84 108.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 40.598 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 97 Resp: 80789
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 38.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 40.405 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

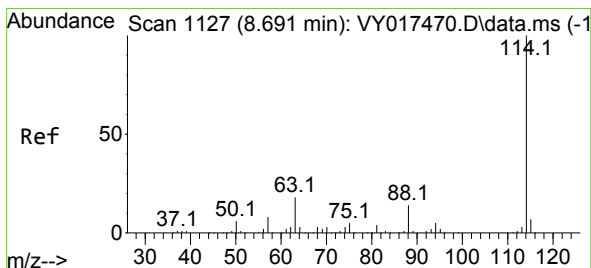
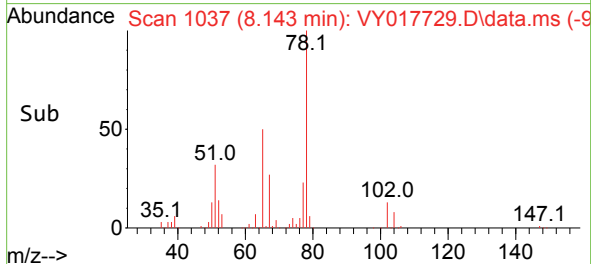
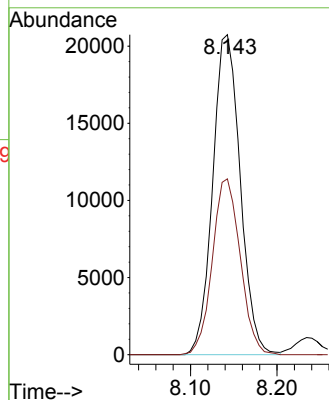
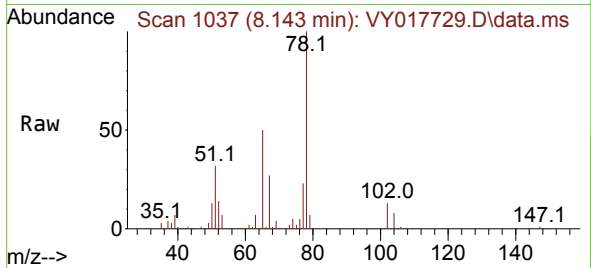
ClientSampleId :

Tgt Ion: 65 Resp: 45814

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

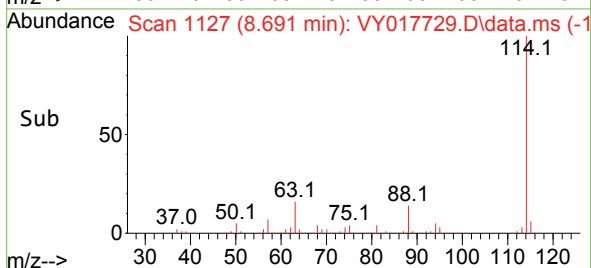
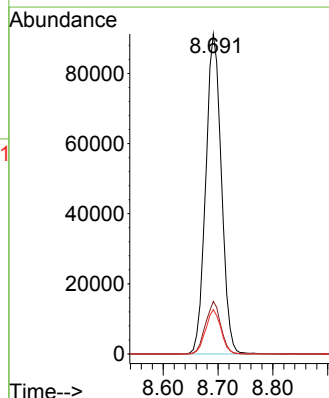
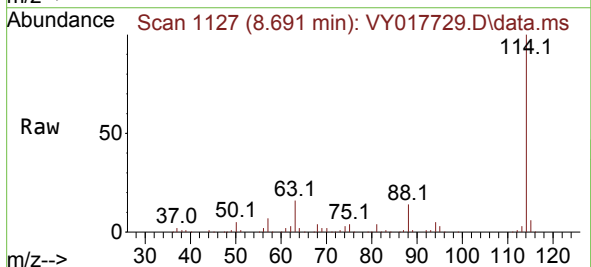
Tgt Ion: 114 Resp: 180271

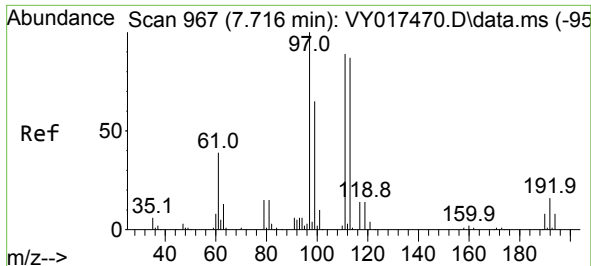
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

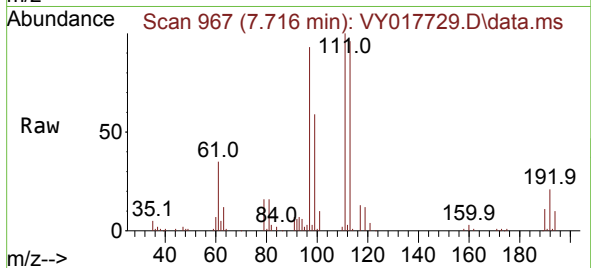
88 13.8 0.0 27.2



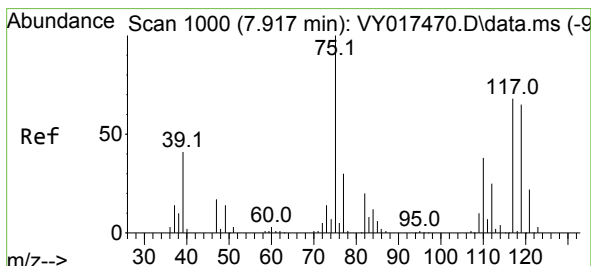
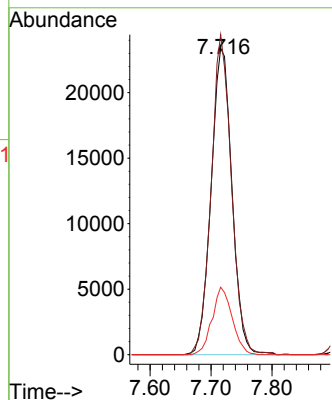
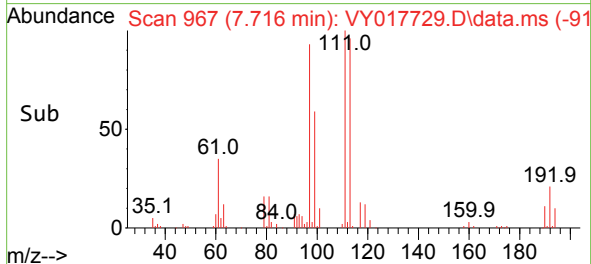


#35
Dibromofluoromethane
Concen: 44.314 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

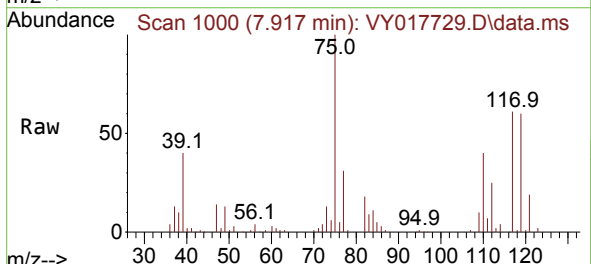
Instrument :
MSVOA_Y
ClientSampleId :



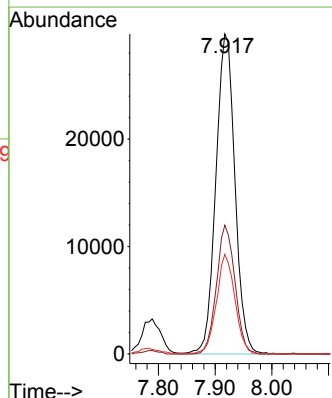
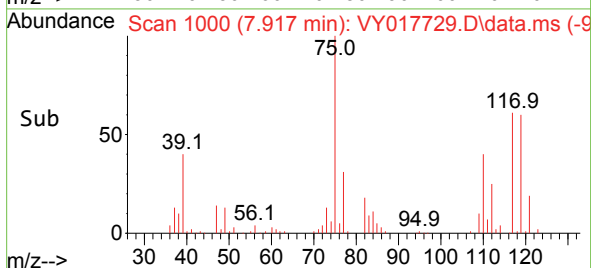
Tgt Ion:113 Resp: 55667
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 21.1 15.9 23.9

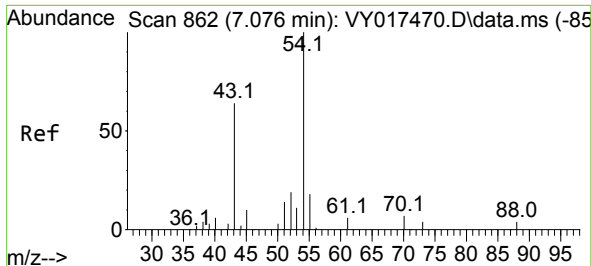


#36
1,1-Dichloropropene
Concen: 41.109 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56



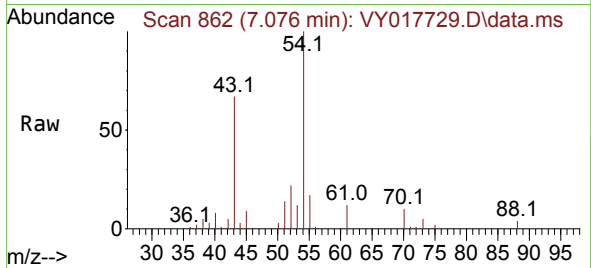
Tgt Ion: 75 Resp: 69675
Ion Ratio Lower Upper
75 100
110 38.9 19.0 57.0
77 30.2 25.3 37.9



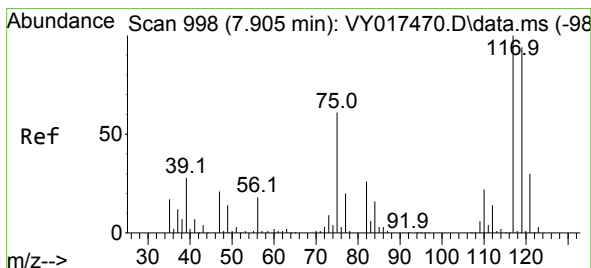
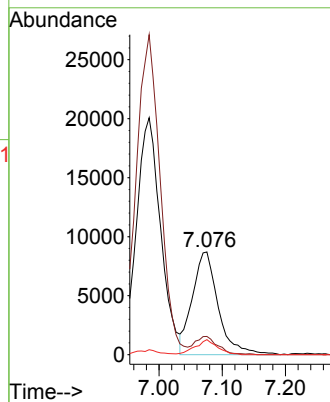
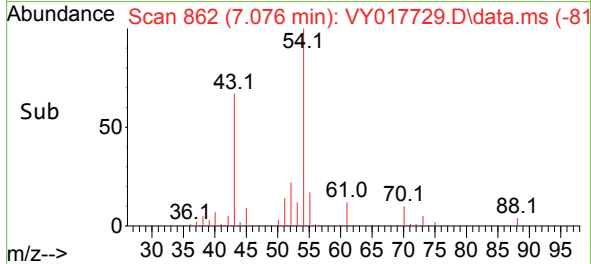


#37
Ethyl Acetate
Concen: 36.982 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

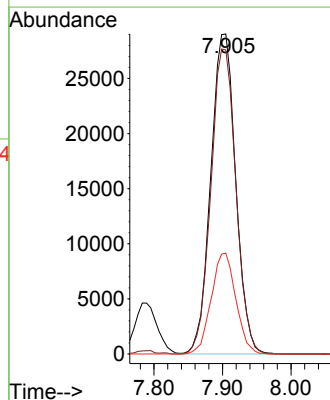
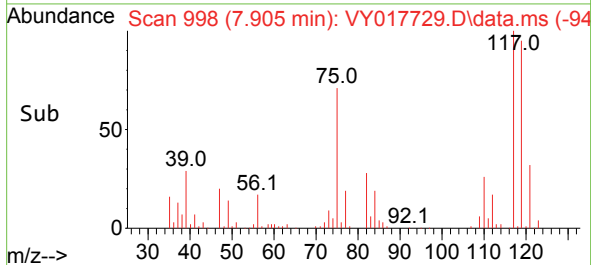
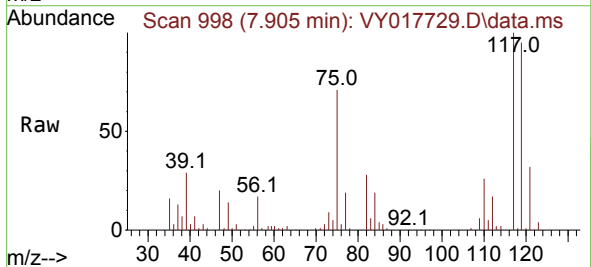


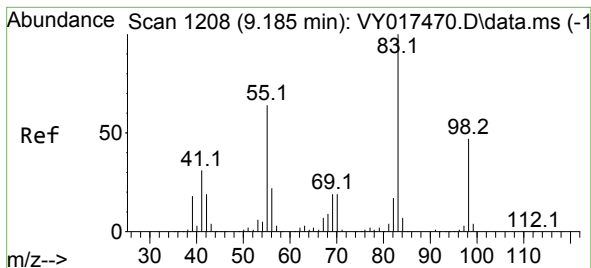
Tgt Ion: 43 Resp: 24756
Ion Ratio Lower Upper
43 100
61 15.9 12.6 19.0
70 12.4 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 43.193 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 117 Resp: 73369
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.6
121 31.5 24.0 36.0





#39

Methylcyclohexane

Concen: 41.055 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

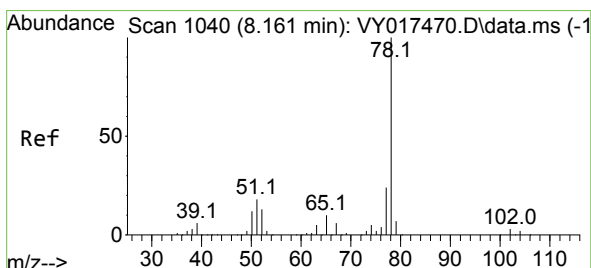
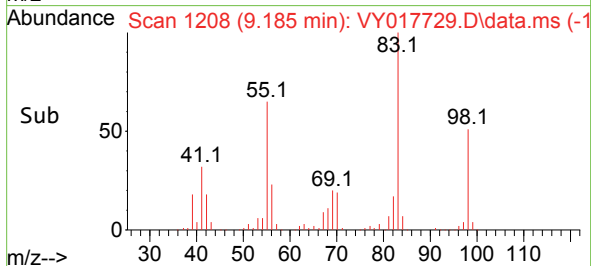
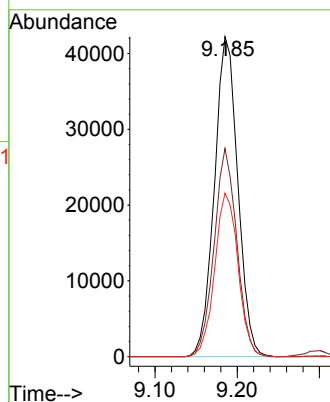
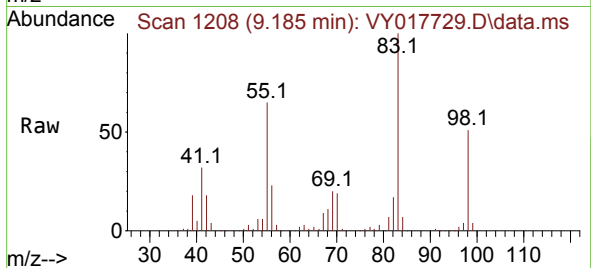
Tgt Ion: 83 Resp: 83623

Ion Ratio Lower Upper

83 100

55 65.1 51.5 77.3

98 51.1 40.5 60.7



#40

Benzene

Concen: 40.918 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY017729.D

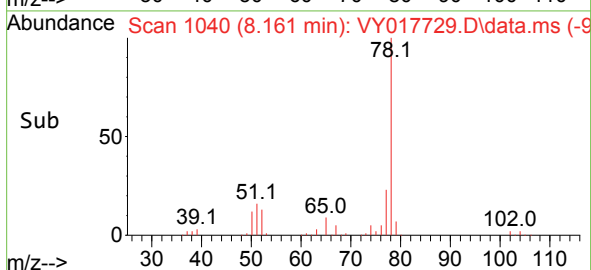
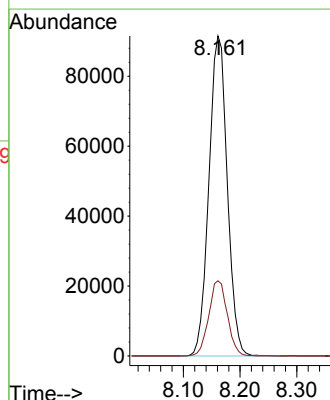
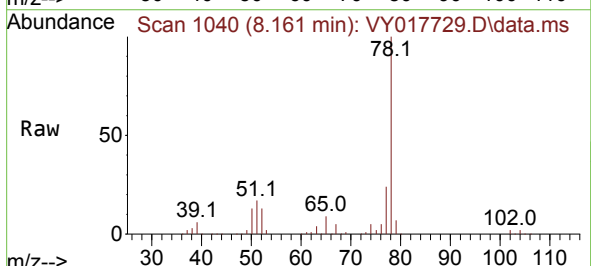
Acq: 20 Mar 2024 16:56

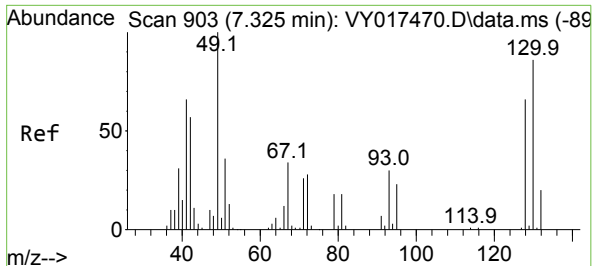
Tgt Ion: 78 Resp: 205955

Ion Ratio Lower Upper

78 100

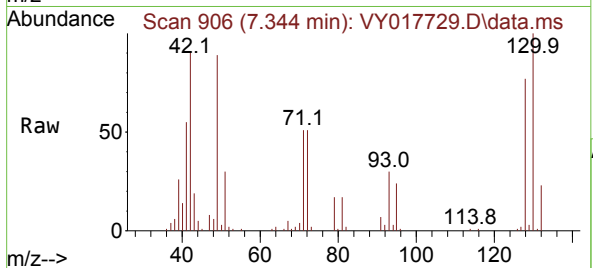
77 23.5 19.5 29.3



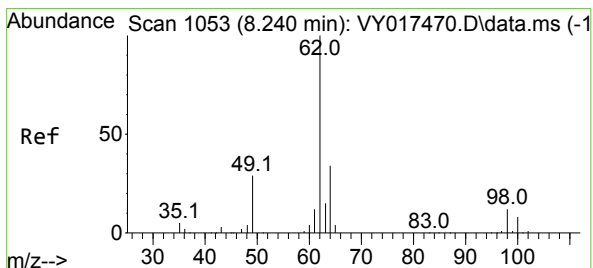
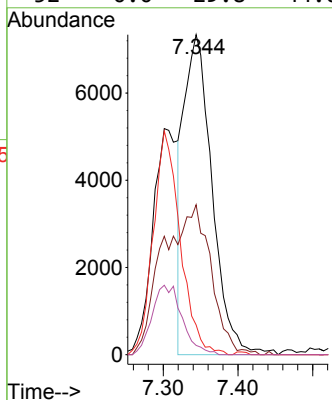


#41
Methacrylonitrile
Concen: 57.243 ug/l
RT: 7.344 min Scan# 90
Delta R.T. 0.019 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

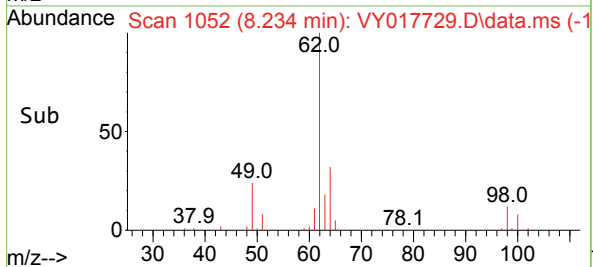
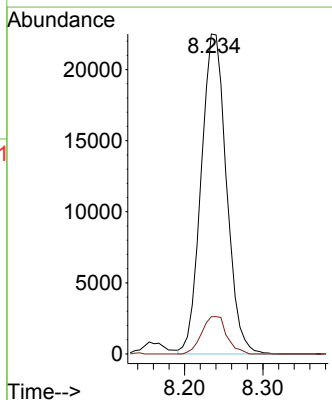
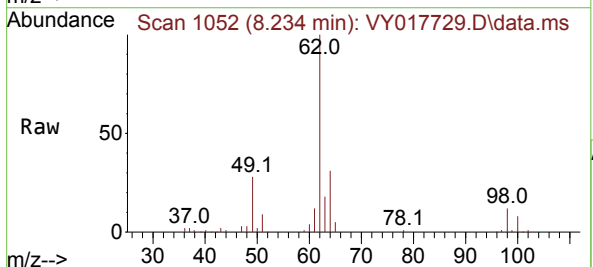


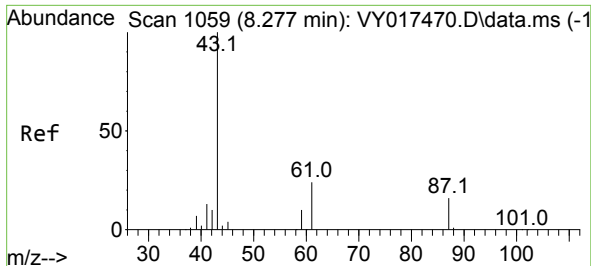
Tgt Ion: 41 Resp: 19229
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 41.077 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 62 Resp: 50445
Ion Ratio Lower Upper
62 100
98 11.6 0.0 22.0

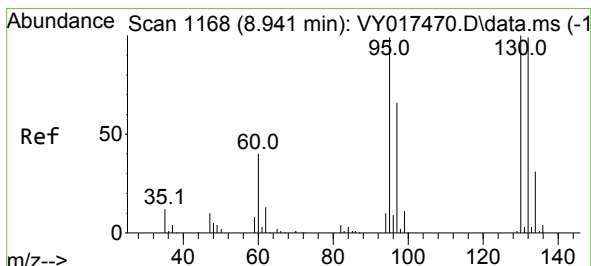
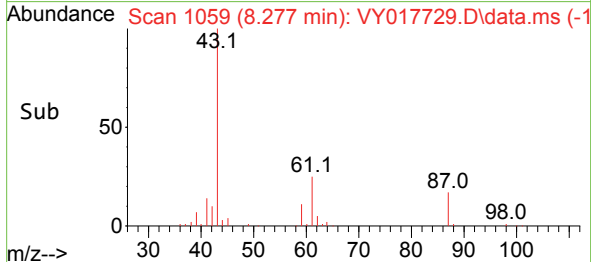
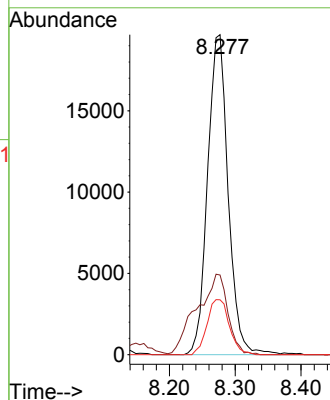
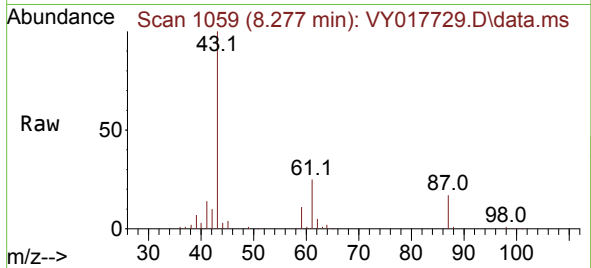




#43
Isopropyl Acetate
Concen: 36.424 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

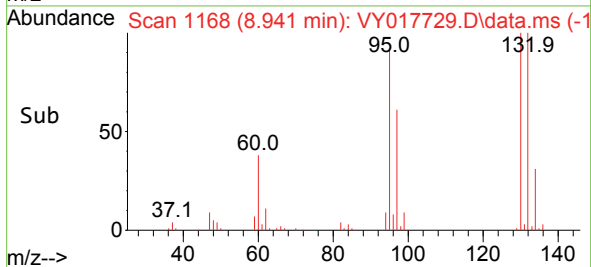
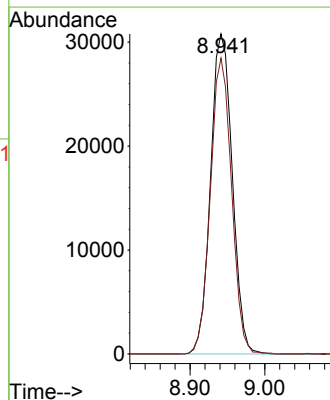
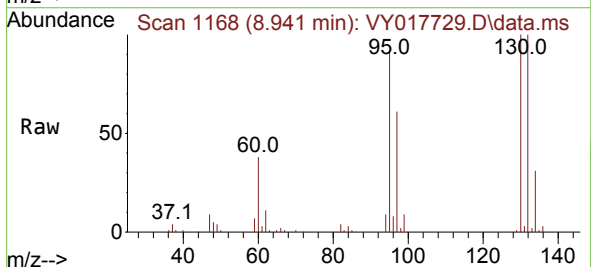
Instrument :
MSVOA_Y
ClientSampleId :

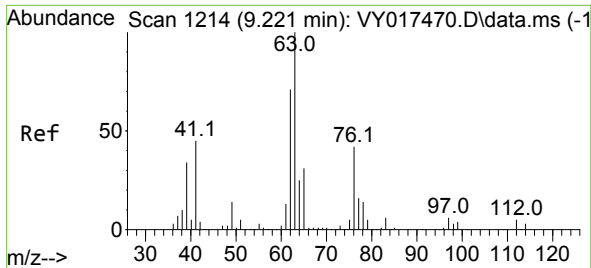
Tgt Ion	Ratio	Lower	Upper
43	100		
61	37.7	27.9	41.9
87	18.6	13.1	19.7



#44
Trichloroethene
Concen: 42.918 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	188.0

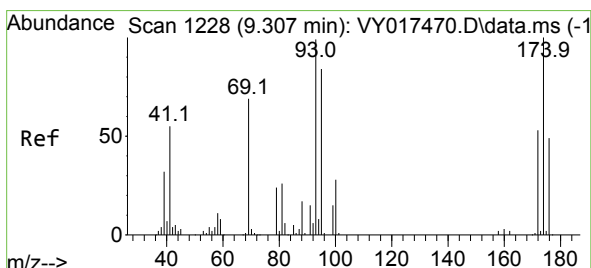
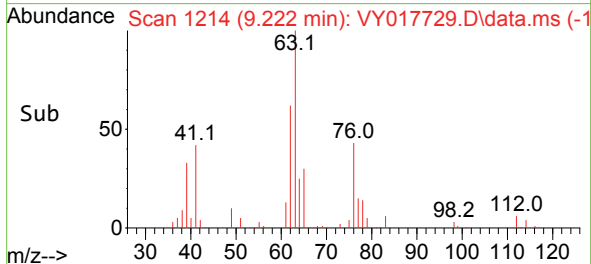
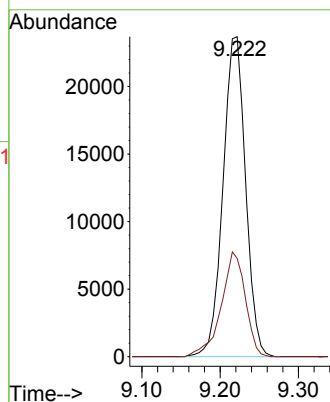
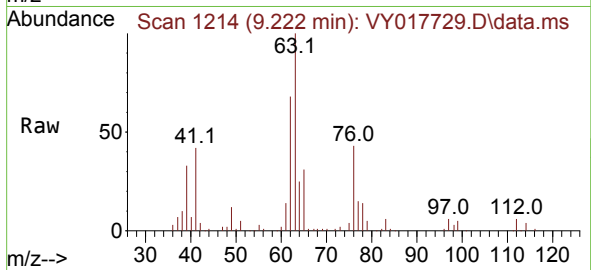




#45
1,2-Dichloropropane
Concen: 39.660 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

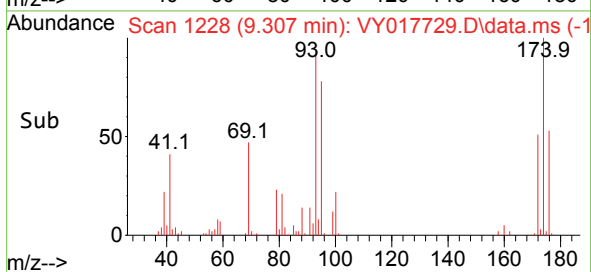
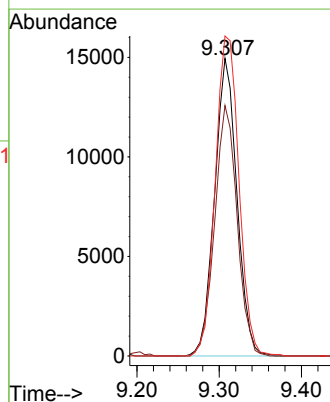
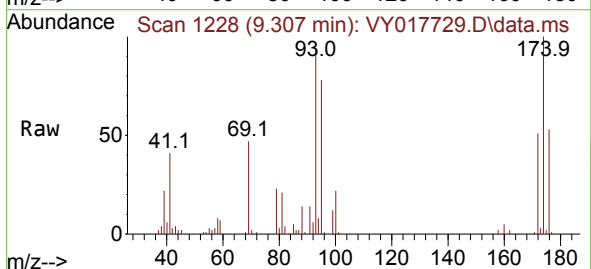
Instrument :
MSVOA_Y
ClientSampleId :

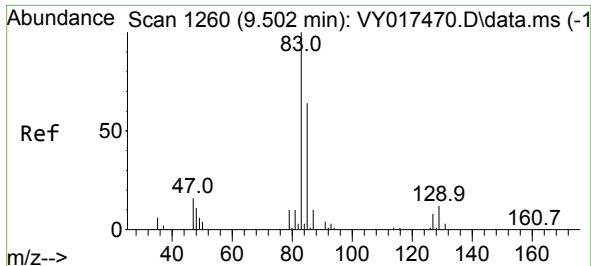
Tgt Ion: 63 Resp: 47493
Ion Ratio Lower Upper
63 100
65 30.7 25.4 38.2



#46
Dibromomethane
Concen: 41.263 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 93 Resp: 28279
Ion Ratio Lower Upper
93 100
95 84.4 66.2 99.4
174 113.8 80.9 121.3

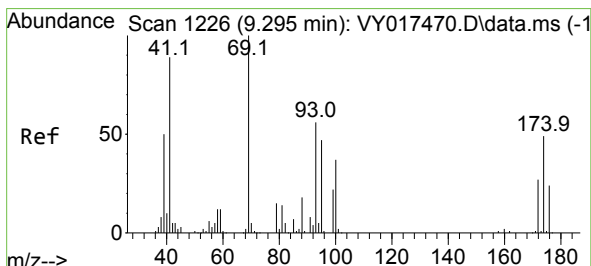
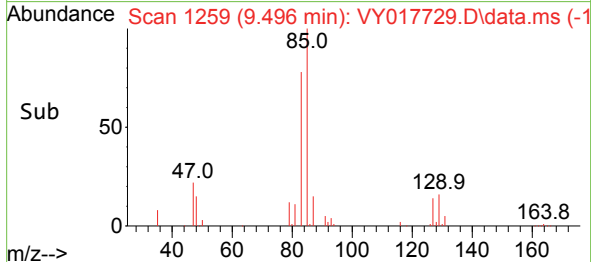
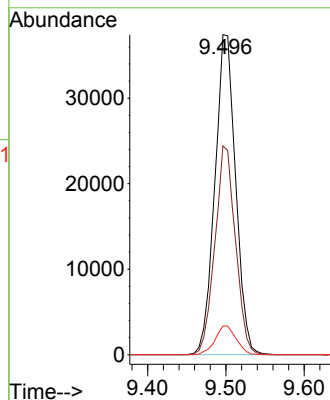
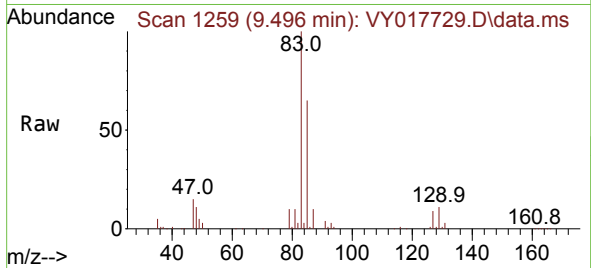




#47
Bromodichloromethane
Concen: 41.501 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

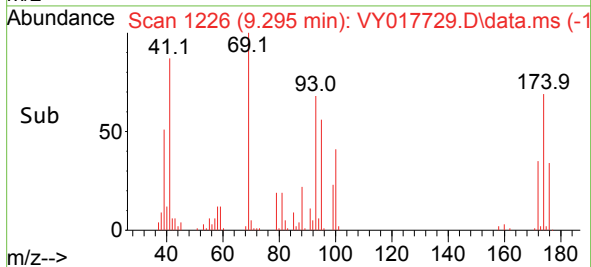
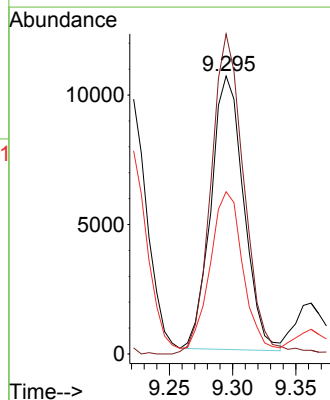
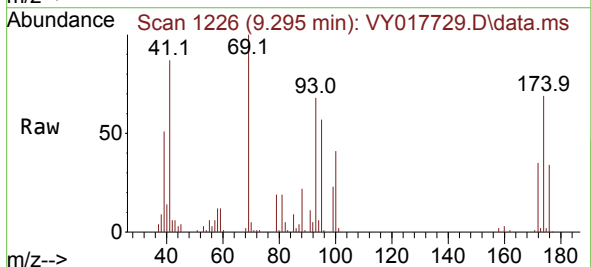
Instrument :
MSVOA_Y
ClientSampleId :

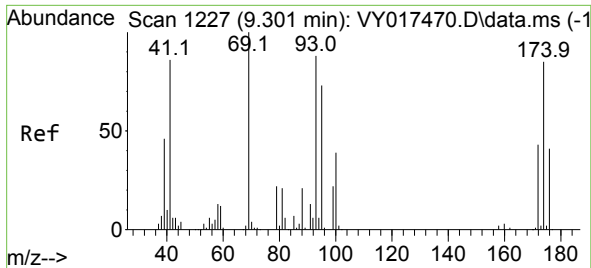
Tgt Ion: 83 Resp: 69060
Ion Ratio Lower Upper
83 100
85 65.3 50.1 75.1
127 9.0 7.4 11.0



#48
Methyl methacrylate
Concen: 35.032 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 41 Resp: 19075
Ion Ratio Lower Upper
41 100
69 118.1 84.1 126.1
39 56.9 43.6 65.4

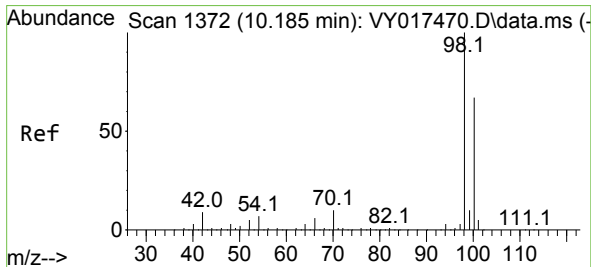
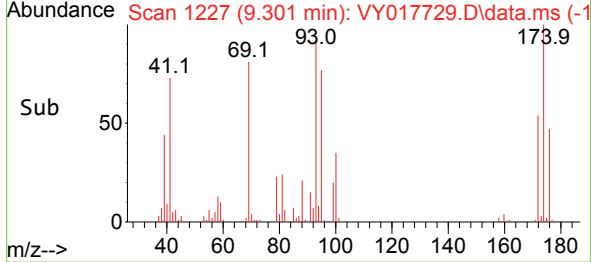
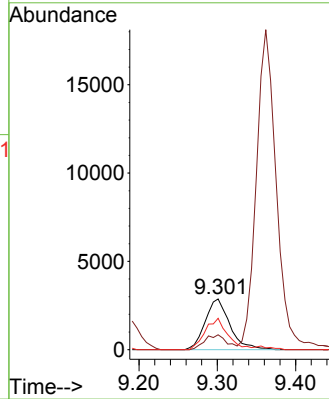
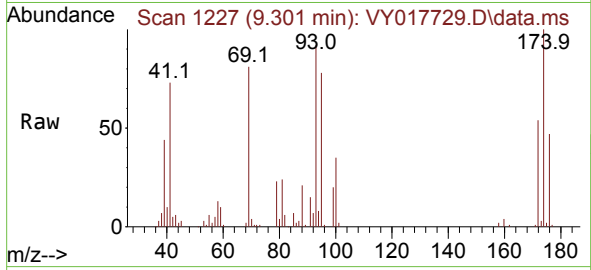




#49
1,4-Dioxane
Concen: 808.535 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

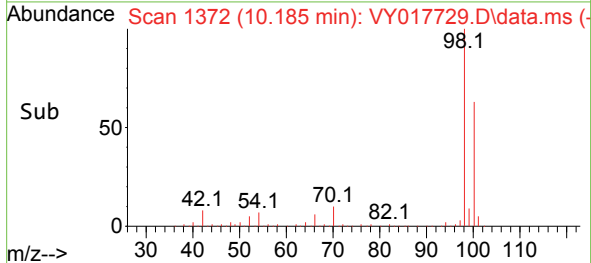
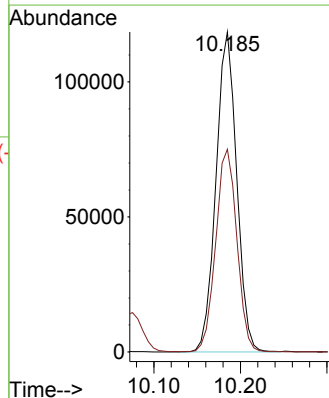
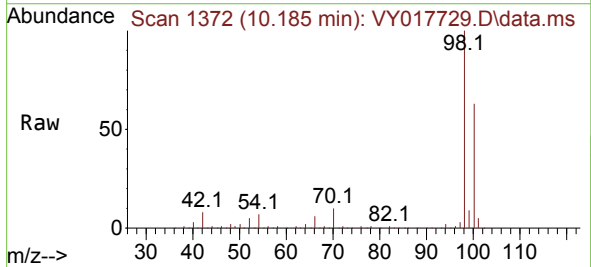
Instrument :
MSVOA_Y
ClientSampleId :

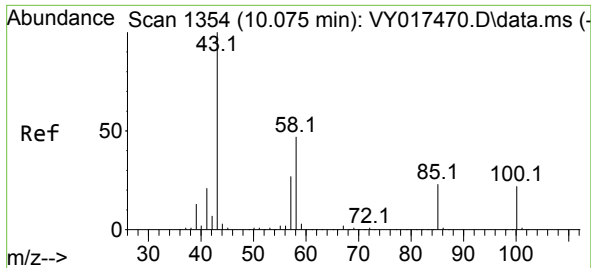
Tgt Ion: 88 Resp: 6271
Ion Ratio Lower Upper
88 100
43 26.7 0.0 0.0#
58 56.7 49.3 73.9



#50
Toluene-d8
Concen: 44.778 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 98 Resp: 196668
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

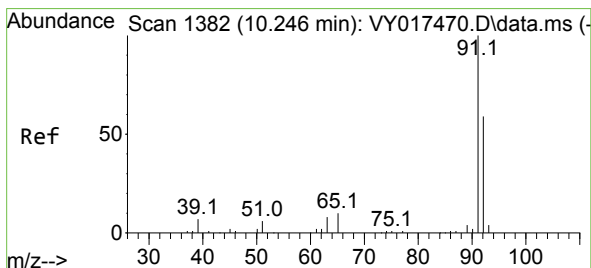
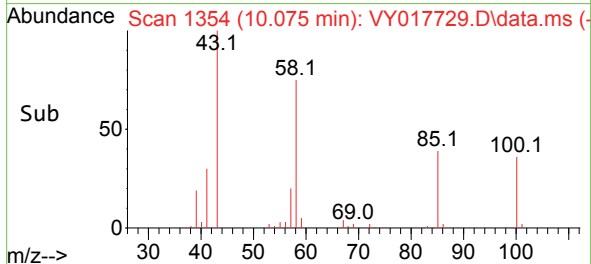
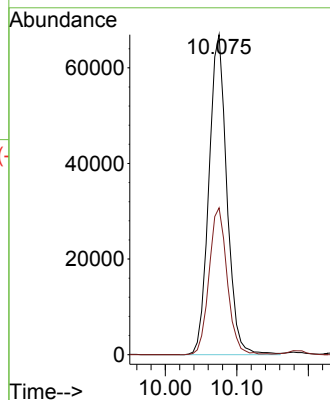
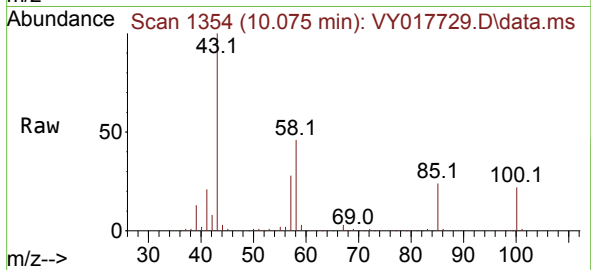




#51
4-Methyl-2-Pentanone
Concen: 178.048 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

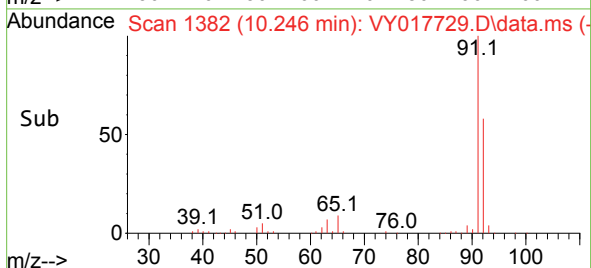
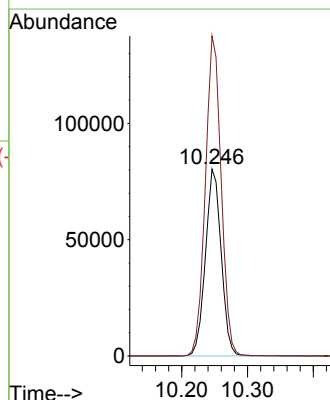
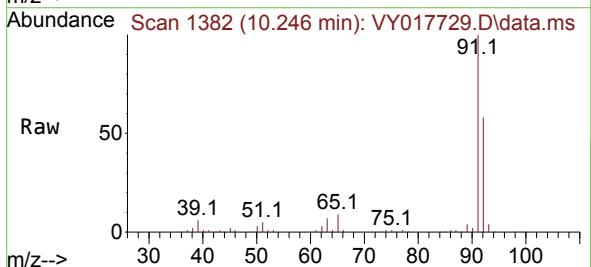
Instrument :
MSVOA_Y
ClientSampleId :

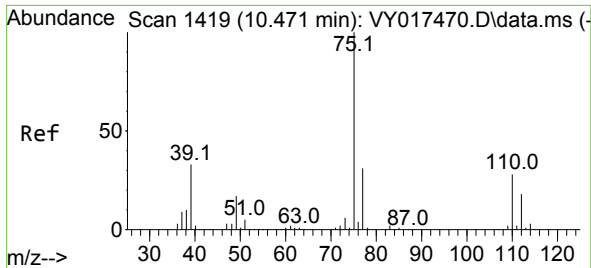
Tgt Ion: 43 Resp: 116729
Ion Ratio Lower Upper
43 100
58 46.5 35.7 53.5



#52
Toluene
Concen: 42.158 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 92 Resp: 133769
Ion Ratio Lower Upper
92 100
91 172.0 139.0 208.6

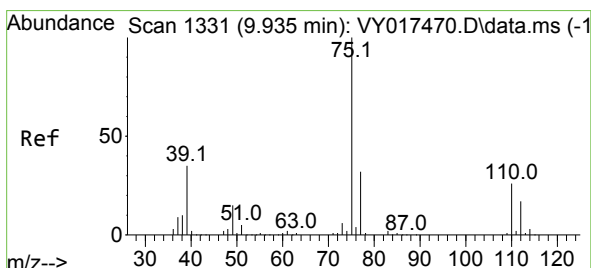
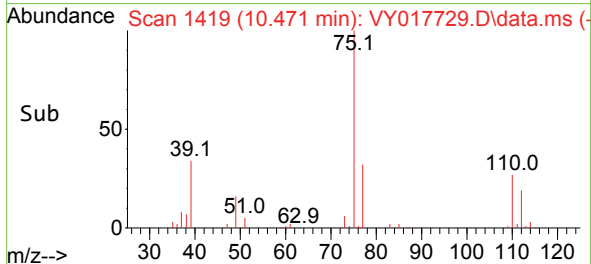
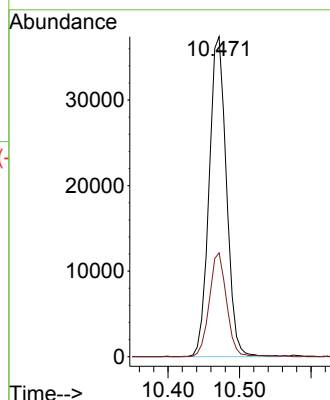
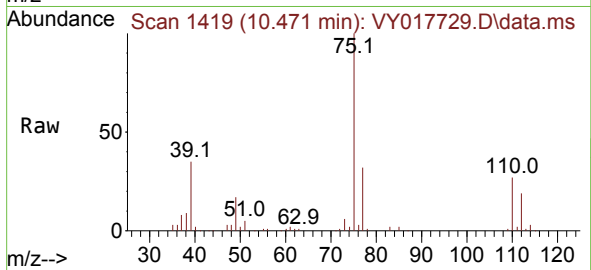




#53
 t-1,3-Dichloropropene
 Concen: 40.771 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017729.D
 Acq: 20 Mar 2024 16:56

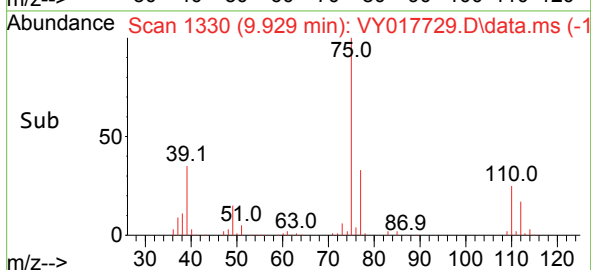
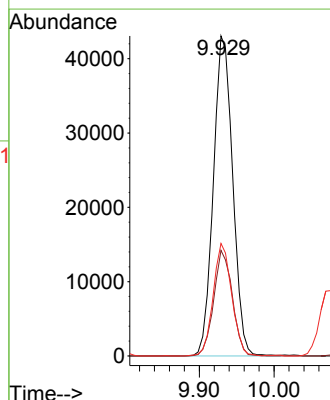
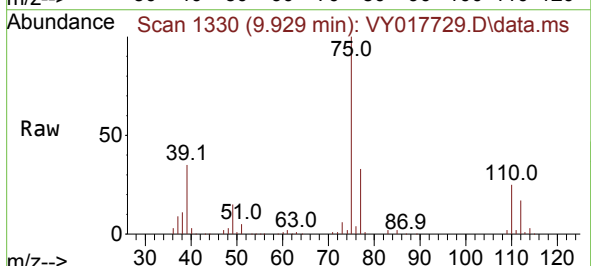
Instrument :
 MSVOA_Y
 ClientSampleId :

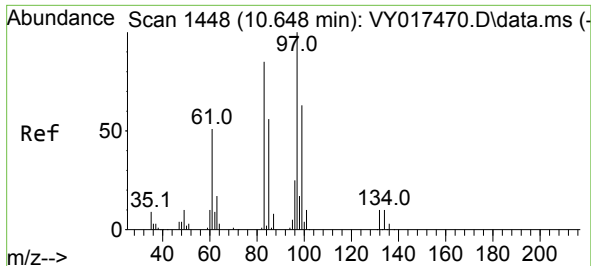
Tgt Ion: 75 Resp: 62971
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 41.231 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017729.D
 Acq: 20 Mar 2024 16:56

Tgt Ion: 75 Resp: 77380
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0
 39 35.1 29.8 44.6

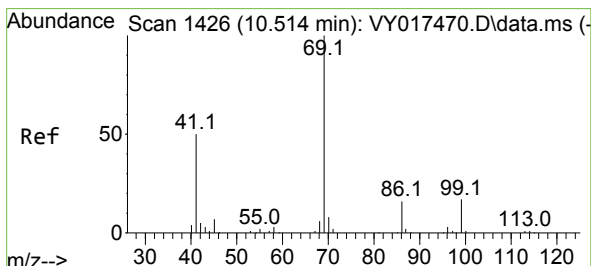
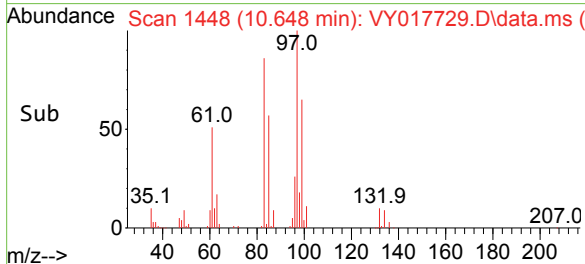
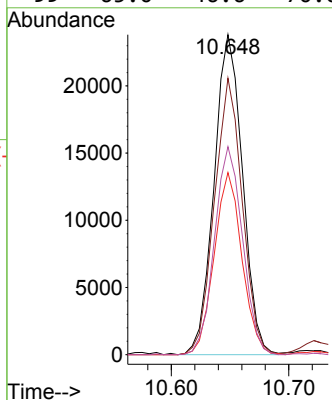
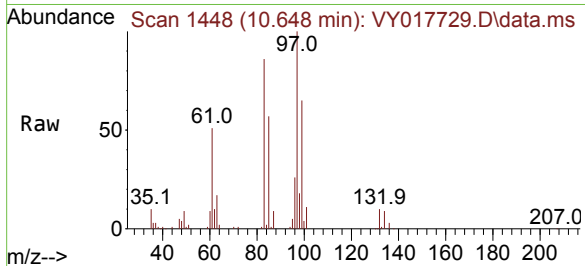




#55
1,1,2-Trichloroethane
Concen: 41.223 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

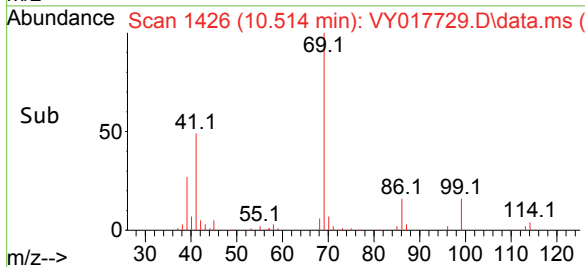
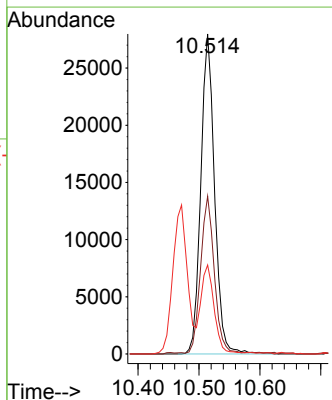
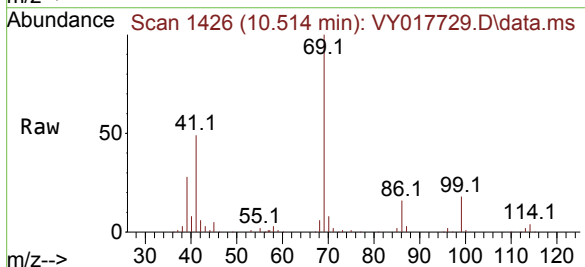
Instrument :
MSVOA_Y
ClientSampleId :

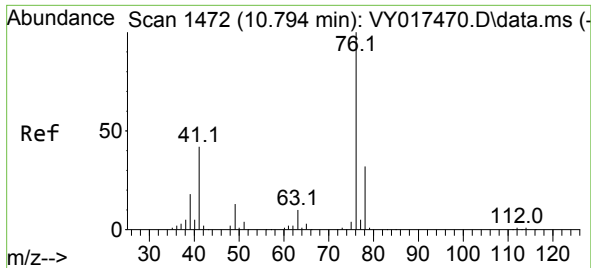
Tgt Ion: 97	Resp: 40112
Ion Ratio	Lower Upper
97 100	
83 86.4	67.5 101.3
85 56.9	42.9 64.3
99 65.0	46.6 70.0



#56
Ethyl methacrylate
Concen: 37.421 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 69	Resp: 43990
Ion Ratio	Lower Upper
69 100	
41 48.2	42.3 63.5
39 25.5	22.9 34.3

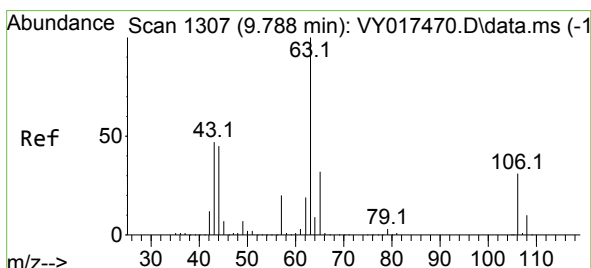
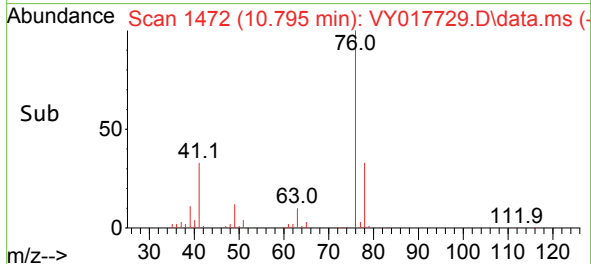
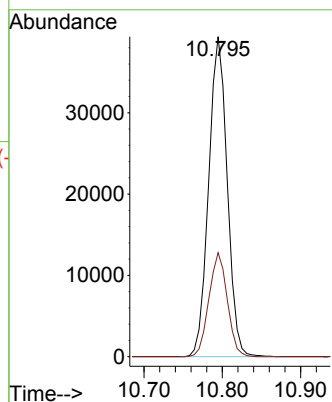
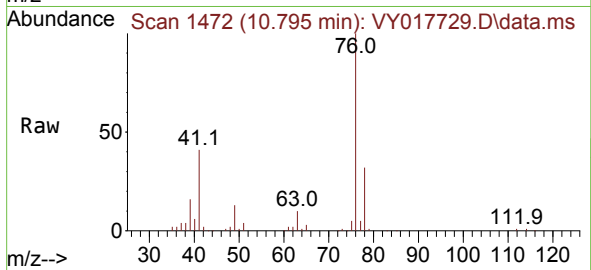




#57
1,3-Dichloropropane
Concen: 40.852 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

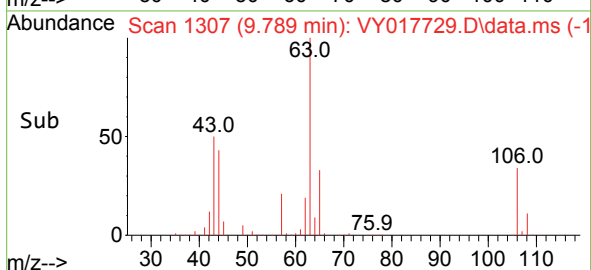
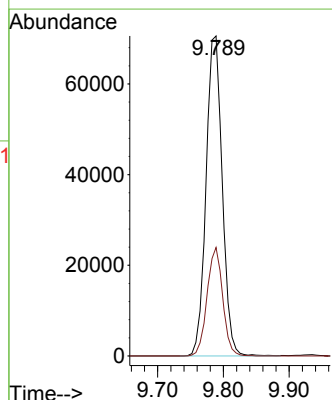
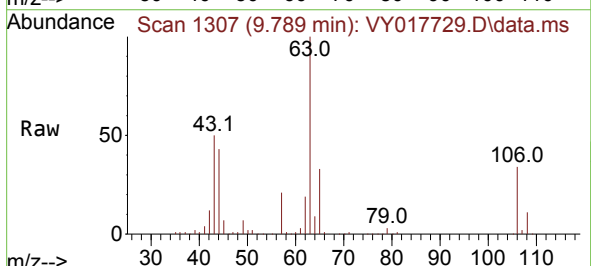
Instrument :
MSVOA_Y
ClientSampleId :

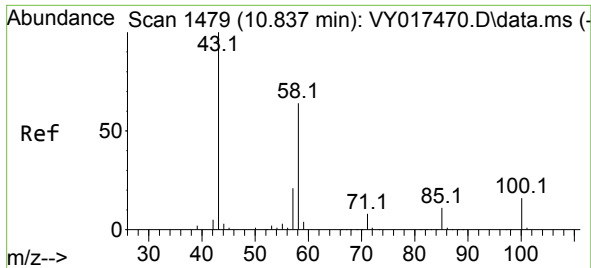
Tgt Ion: 76 Resp: 64630
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 215.363 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion: 63 Resp: 120925
Ion Ratio Lower Upper
63 100
106 32.6 23.7 35.5

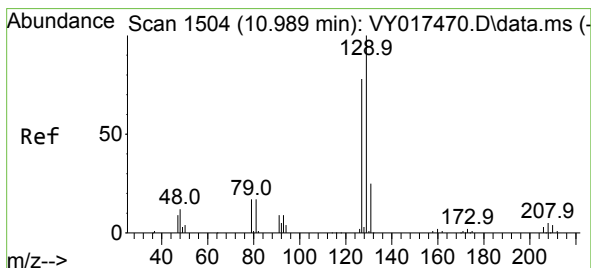
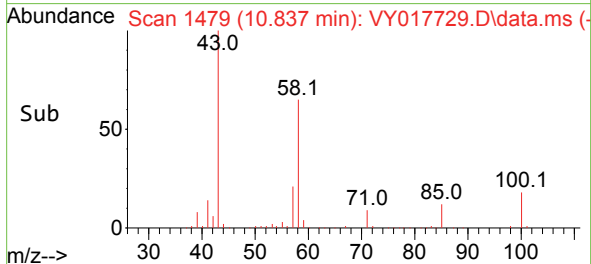
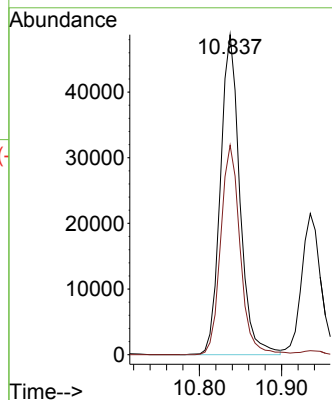
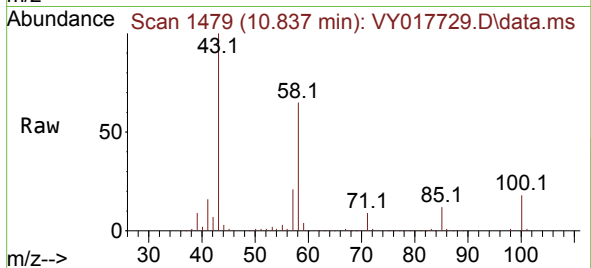




#59
2-Hexanone
Concen: 177.649 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

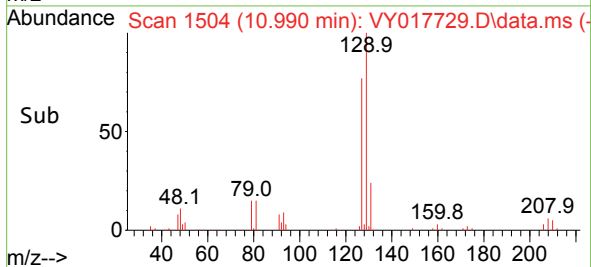
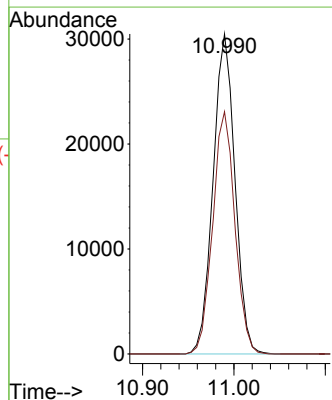
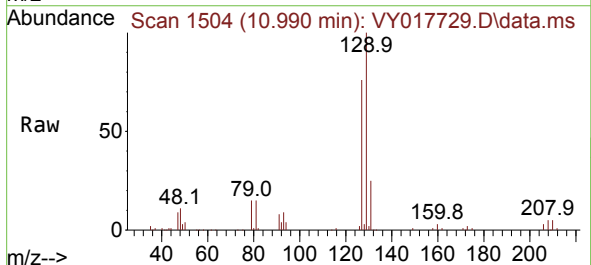
Instrument :
MSVOA_Y
ClientSampleId :

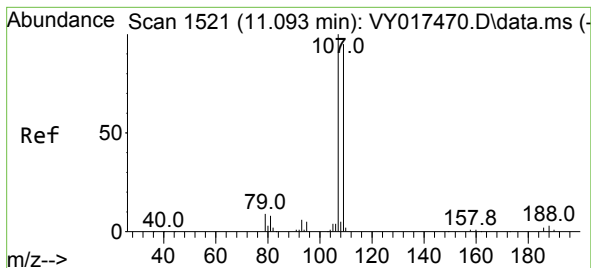
Tgt Ion: 43 Resp: 79999
Ion Ratio Lower Upper
43 100
58 65.6 31.4 94.0



#60
Dibromochloromethane
Concen: 44.005 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion:129 Resp: 50655
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

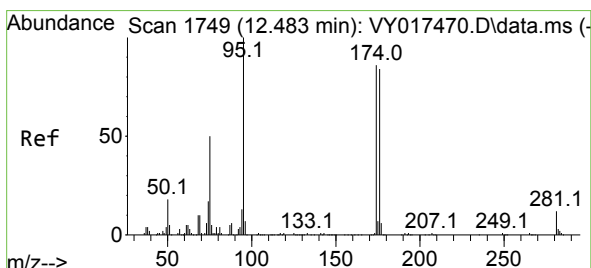
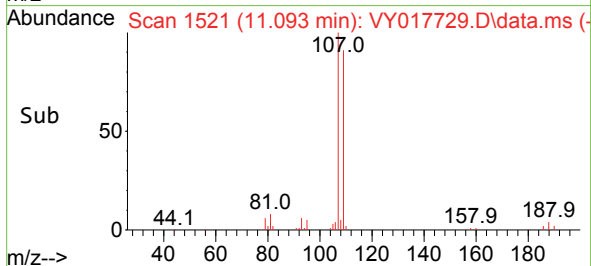
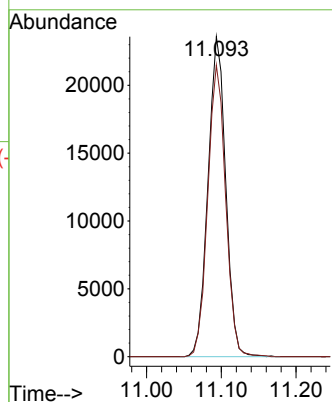
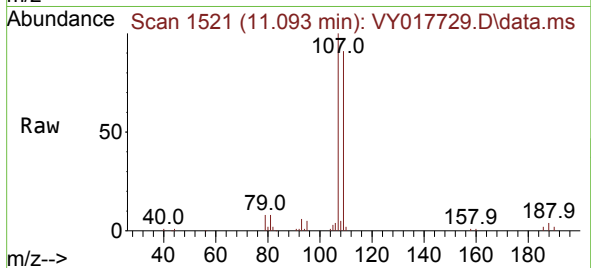




#61
1,2-Dibromoethane
Concen: 43.423 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

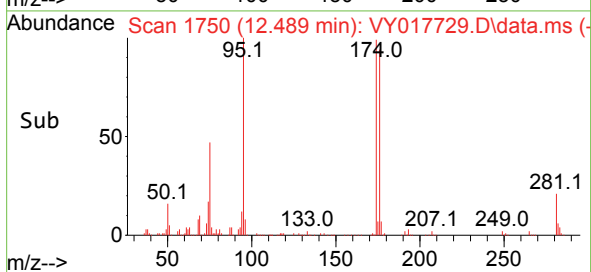
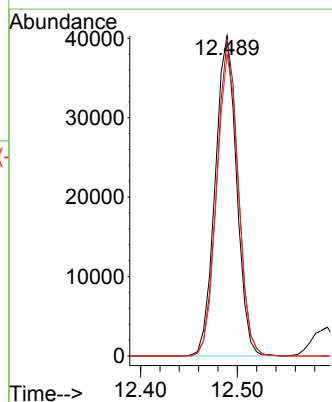
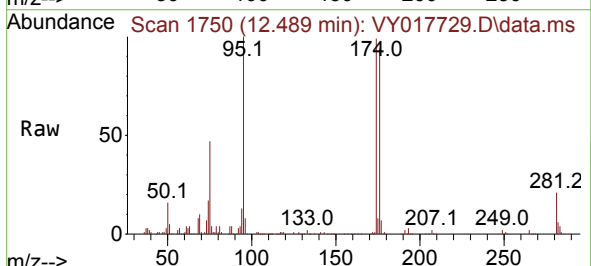
Instrument :
MSVOA_Y
ClientSampleId :

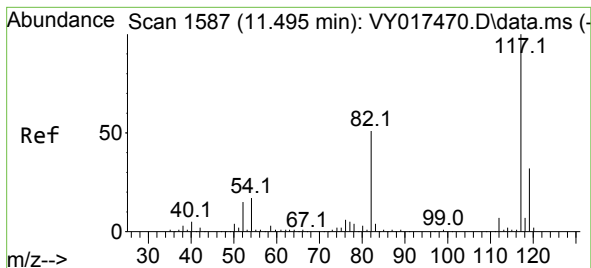
Tgt Ion:107 Resp: 38937
Ion Ratio Lower Upper
107 100
109 91.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 44.851 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

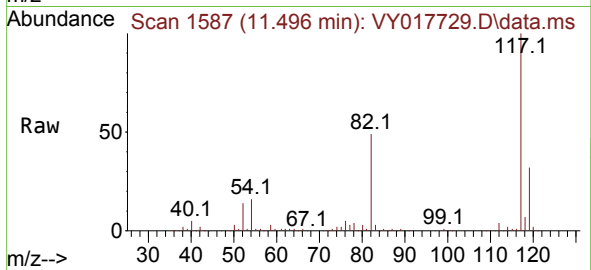
Tgt Ion: 95 Resp: 61908
Ion Ratio Lower Upper
95 100
174 99.2 0.0 175.6
176 95.5 0.0 171.4



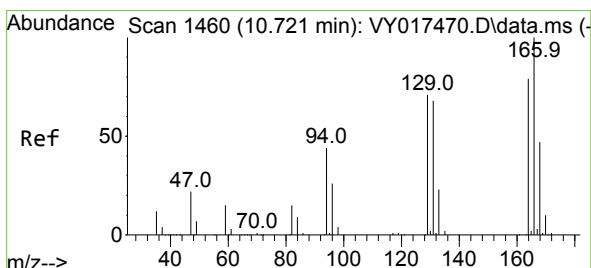
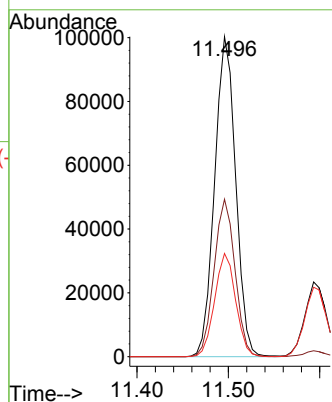
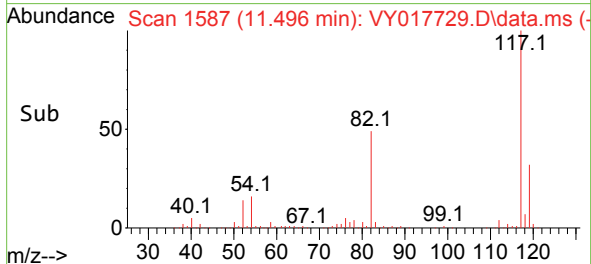


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

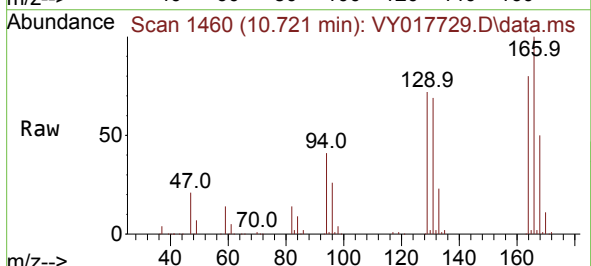
Instrument :
MSVOA_Y
ClientSampleId :



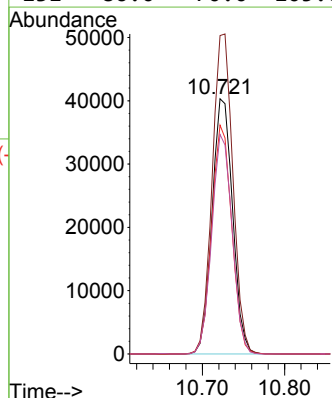
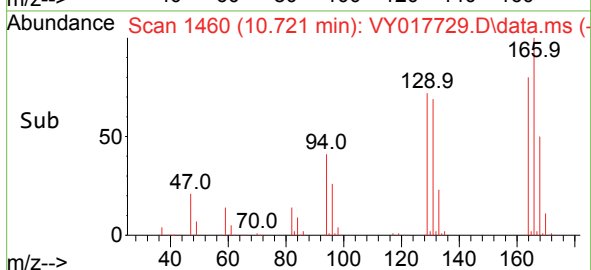
Tgt Ion:117 Resp: 160535
Ion Ratio Lower Upper
117 100
82 49.2 42.4 63.6
119 32.2 25.9 38.9

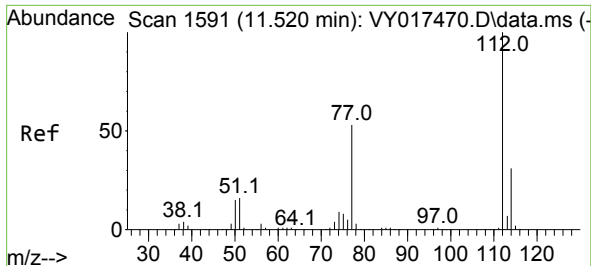


#64
Tetrachloroethene
Concen: 45.538 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56



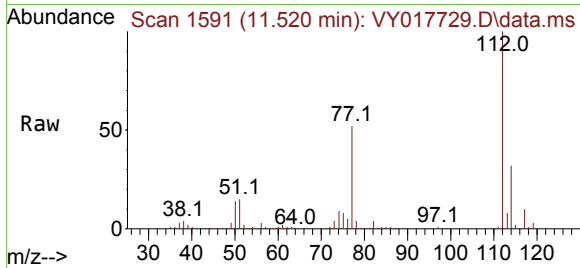
Tgt Ion:164 Resp: 70167
Ion Ratio Lower Upper
164 100
166 124.8 102.6 154.0
129 89.6 72.0 108.0
131 86.0 70.0 105.0



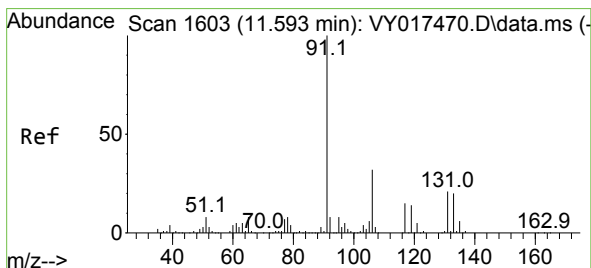
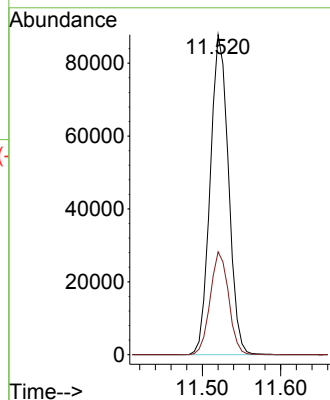
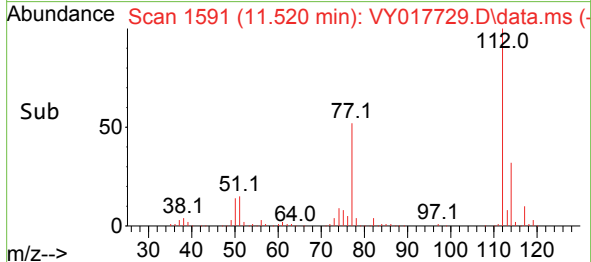


#65
Chlorobenzene
Concen: 41.728 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Instrument :
MSVOA_Y
ClientSampleId :

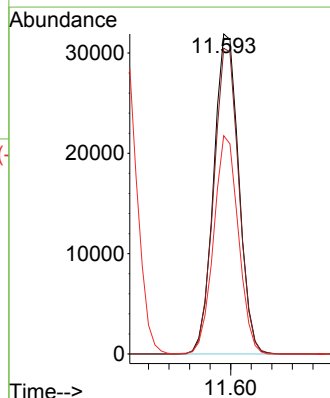
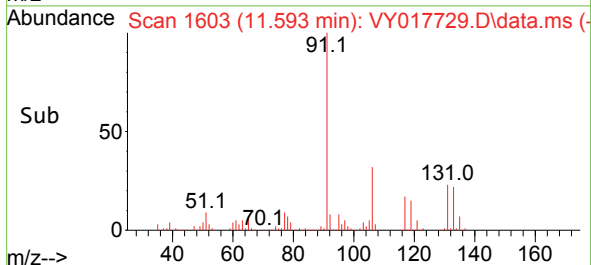
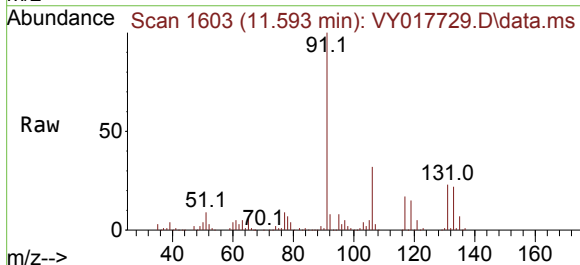


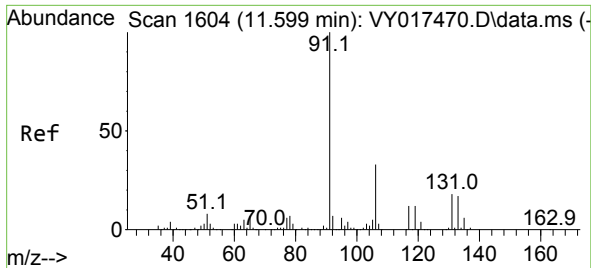
Tgt Ion:112 Resp: 142188
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 42.295 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion:131 Resp: 53992
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 67.4 34.1 102.2

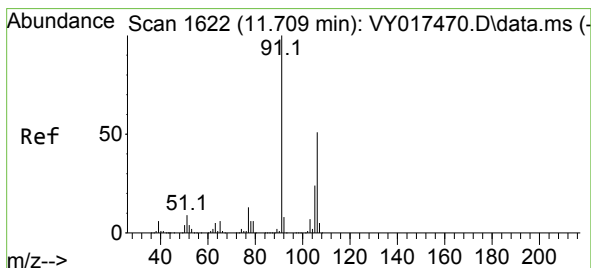
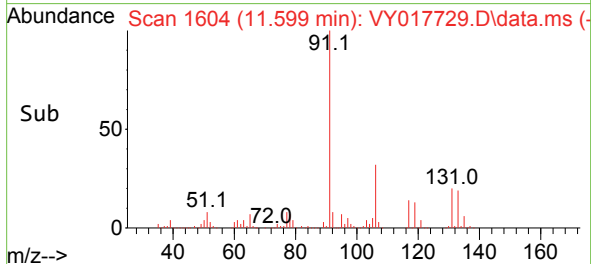
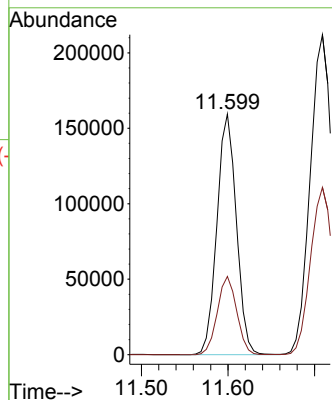
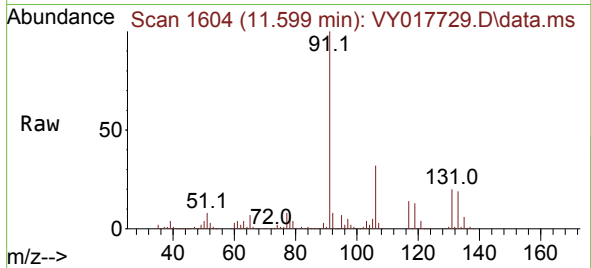




#67
Ethyl Benzene
Concen: 41.537 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

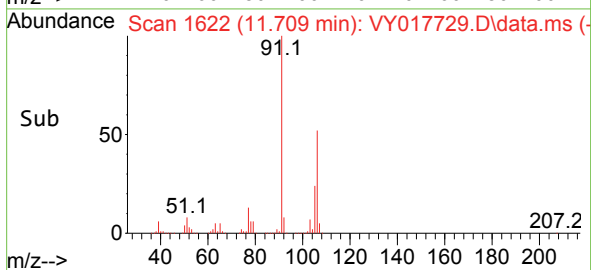
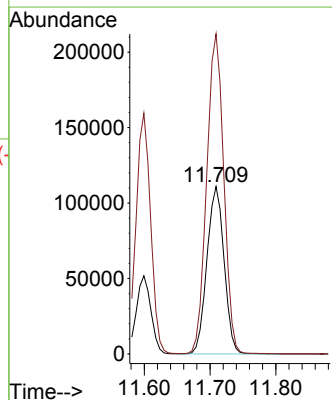
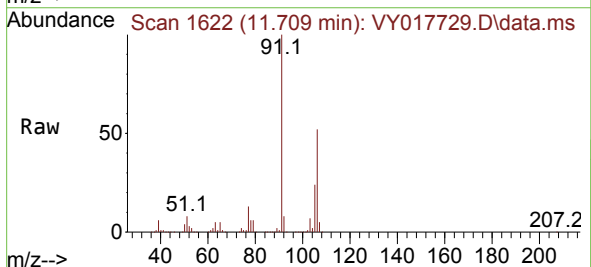
Instrument :
MSVOA_Y
ClientSampleId :

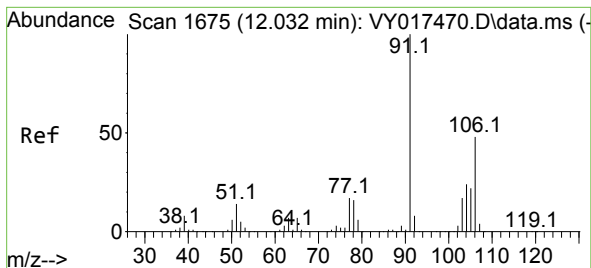
Tgt Ion: 91 Resp: 248217
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 85.698 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion:106 Resp: 201232
Ion Ratio Lower Upper
106 100
91 190.4 156.0 234.0





#69

o-Xylene

Concen: 42.894 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

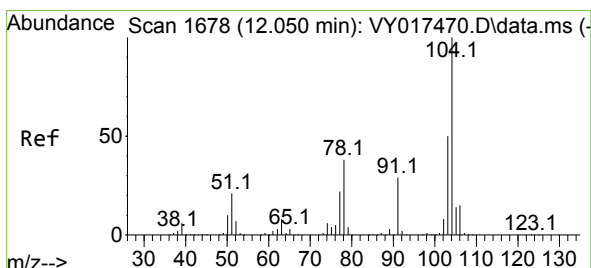
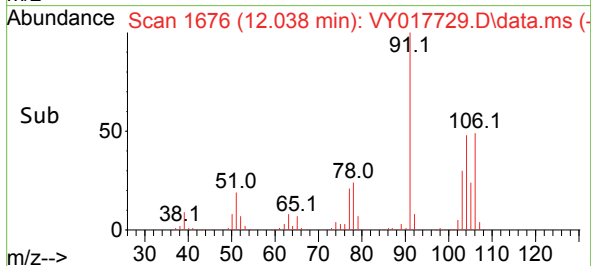
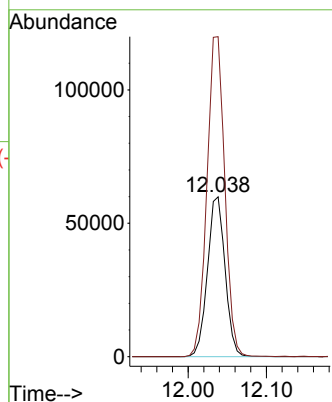
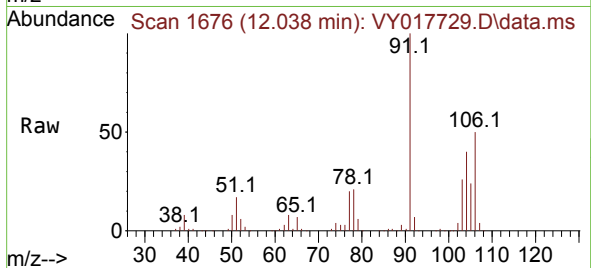
ClientSampleId :

Tgt Ion:106 Resp: 93444

Ion Ratio Lower Upper

106 100

91 202.2 103.6 310.8



#70

Styrene

Concen: 42.365 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

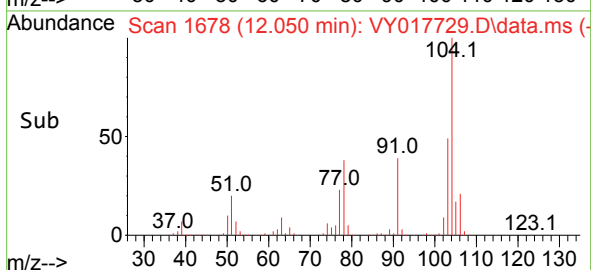
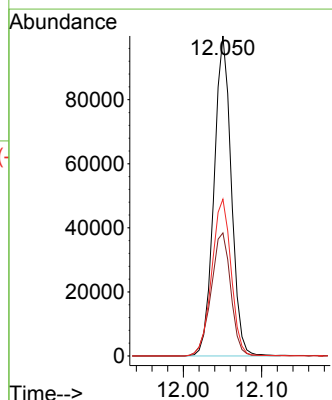
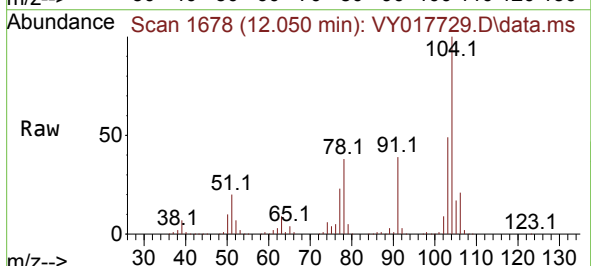
Tgt Ion:104 Resp: 153194

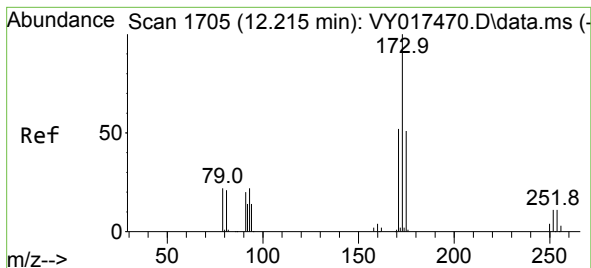
Ion Ratio Lower Upper

104 100

78 43.7 37.0 55.4

103 54.8 44.2 66.2





#71

Bromoform

Concen: 43.306 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

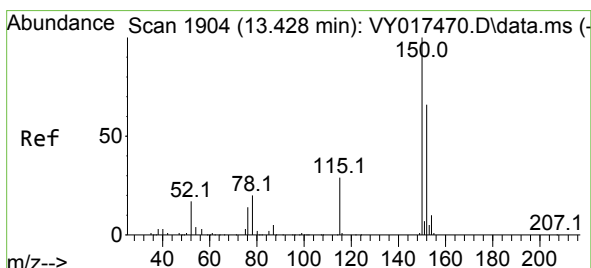
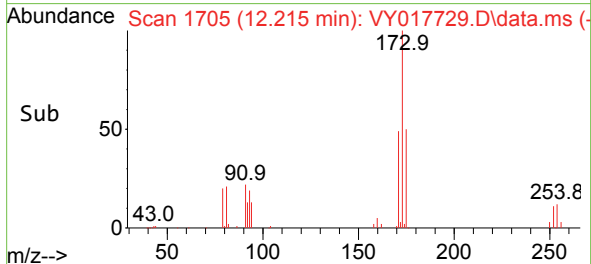
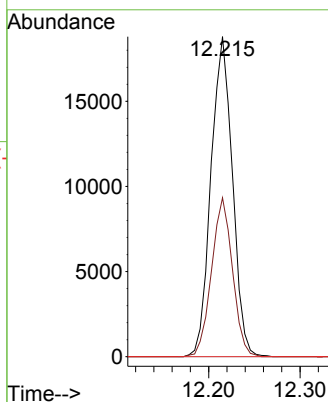
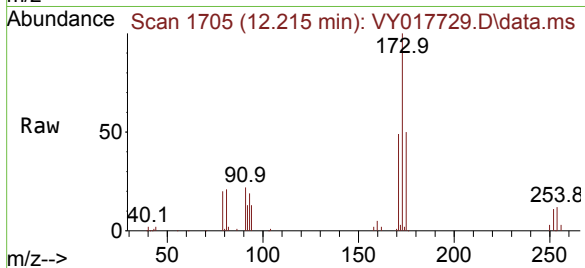
Tgt Ion:173 Resp: 30635

Ion Ratio Lower Upper

173 100

175 48.4 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

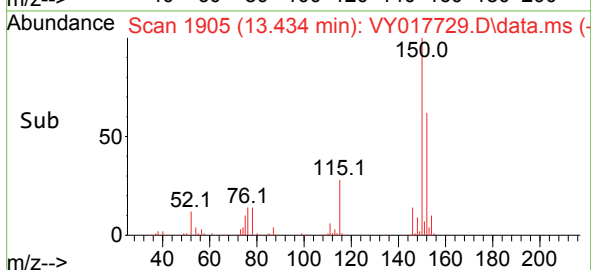
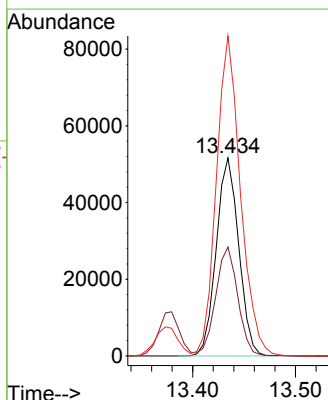
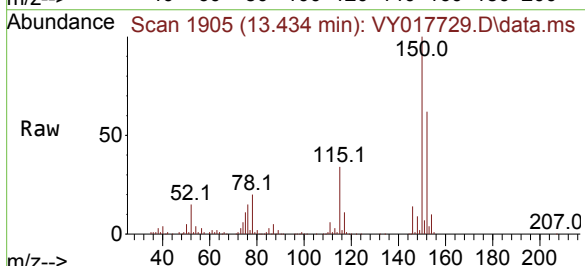
Tgt Ion:152 Resp: 78352

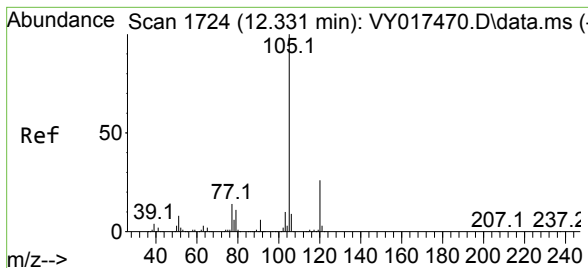
Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 173.4 0.0 345.6





#73

Isopropylbenzene

Concen: 41.886 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

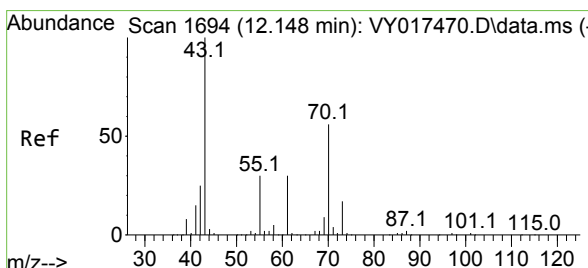
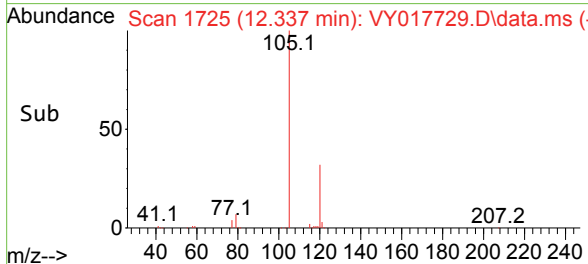
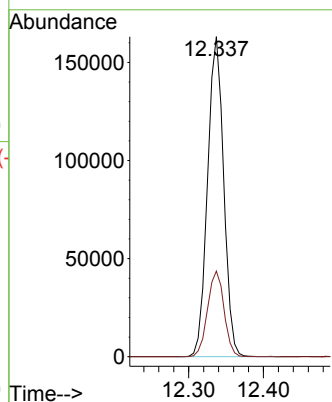
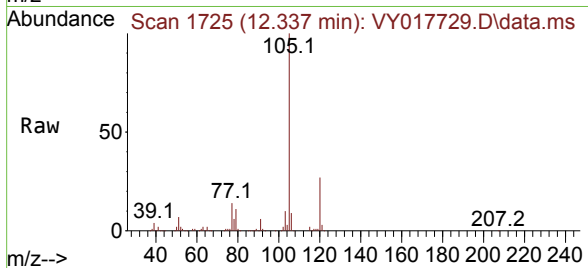
ClientSampleId :

Tgt Ion:105 Resp: 243819

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 34.025 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Tgt Ion: 43 Resp: 34933

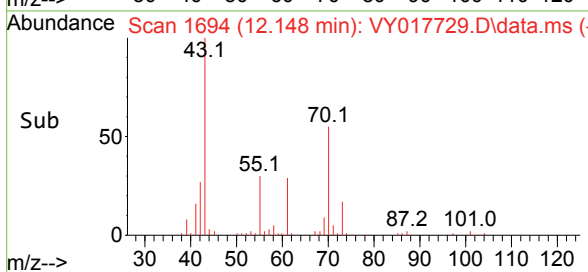
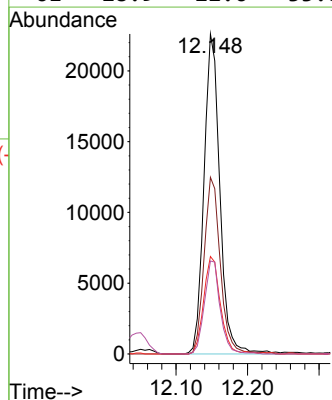
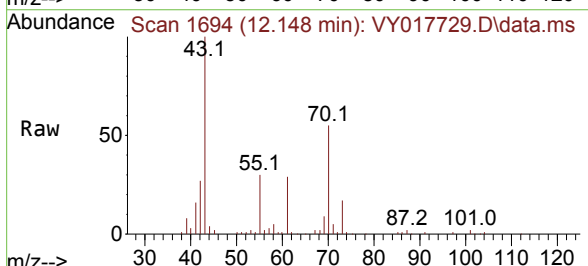
Ion Ratio Lower Upper

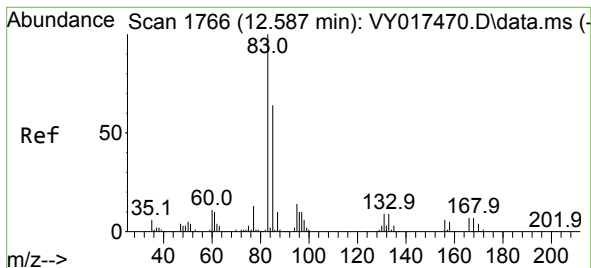
43 100

70 56.5 41.4 62.2

55 32.1 23.3 34.9

61 28.9 22.6 33.8





#75

1,1,2-Tetrachloroethane

Concen: 39.156 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

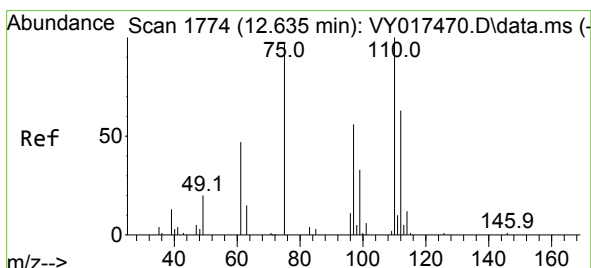
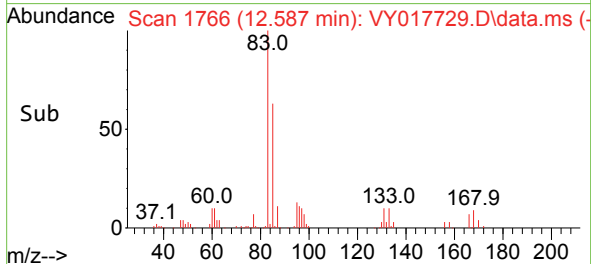
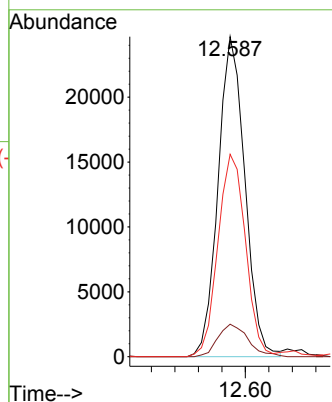
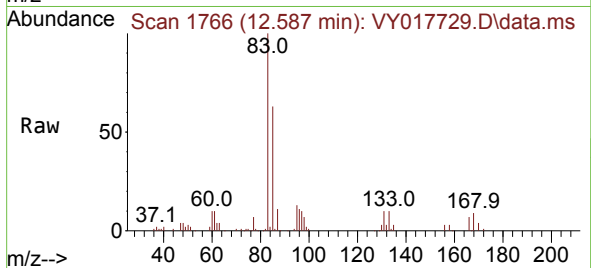
Tgt Ion: 83 Resp: 39140

Ion Ratio Lower Upper

83 100

131 11.4 5.0 14.9

85 65.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 66.698 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017729.D

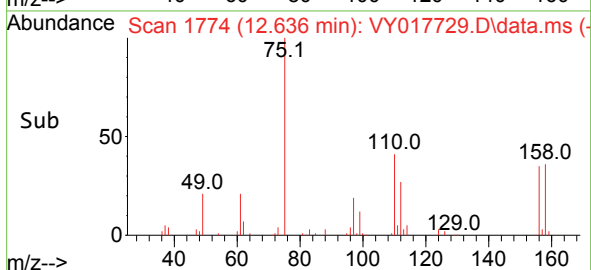
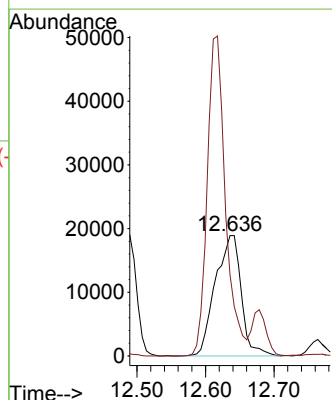
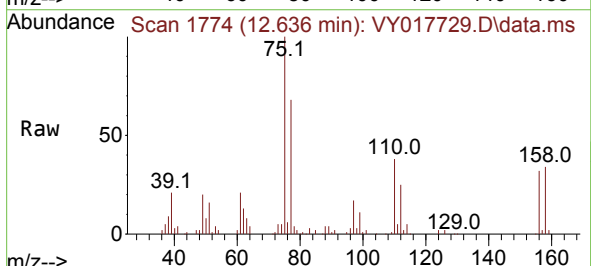
Acq: 20 Mar 2024 16:56

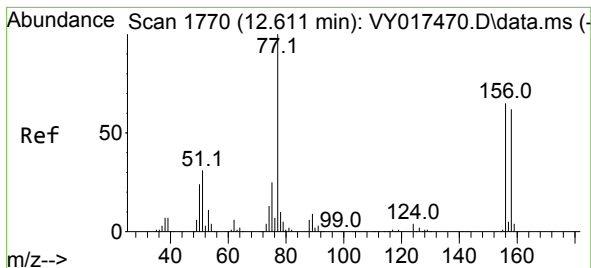
Tgt Ion: 75 Resp: 49654

Ion Ratio Lower Upper

75 100

77 188.0 0.0 0.0#





#77

Bromobenzene

Concen: 42.717 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

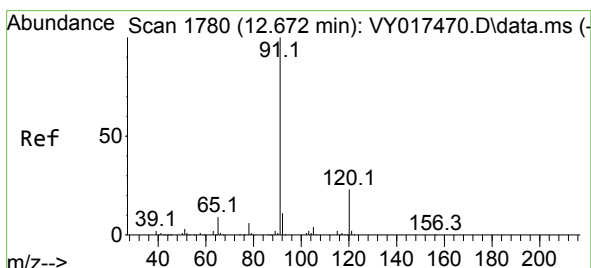
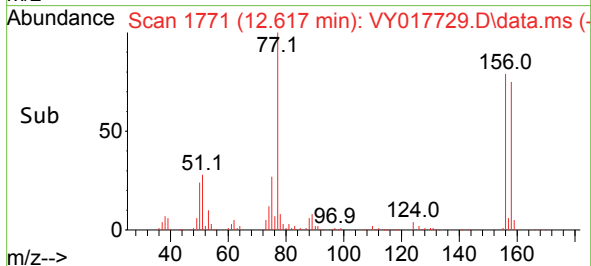
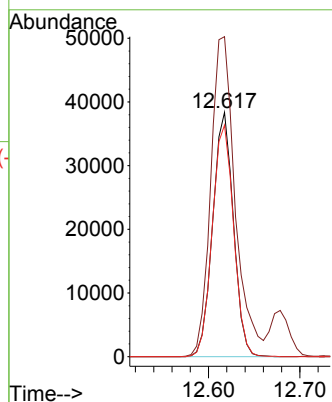
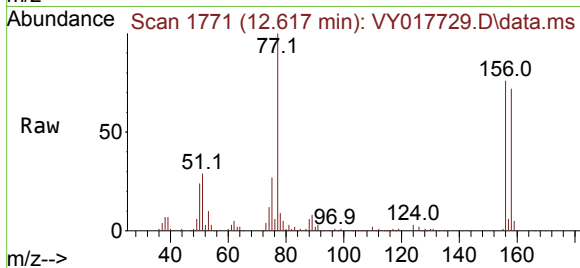
Tgt Ion:156 Resp: 60218

Ion Ratio Lower Upper

156 100

77 155.0 87.1 261.3

158 97.9 48.6 145.9



#78

n-propylbenzene

Concen: 41.864 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017729.D

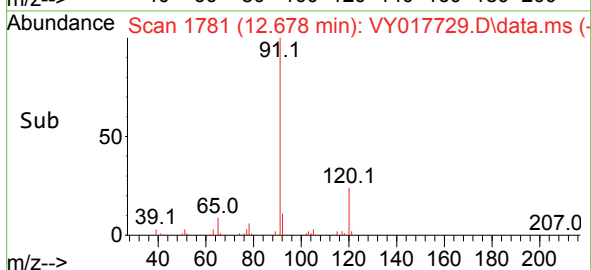
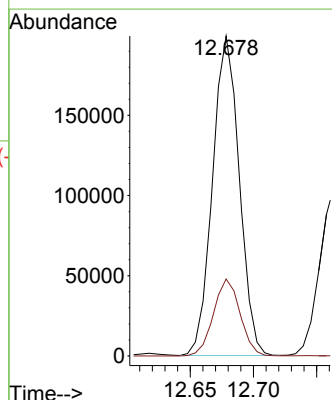
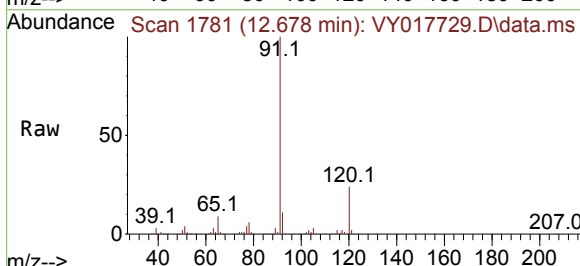
Acq: 20 Mar 2024 16:56

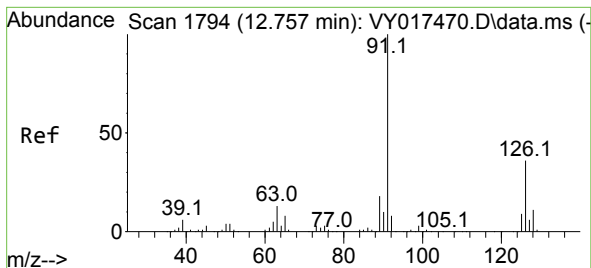
Tgt Ion: 91 Resp: 292404

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 41.216 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

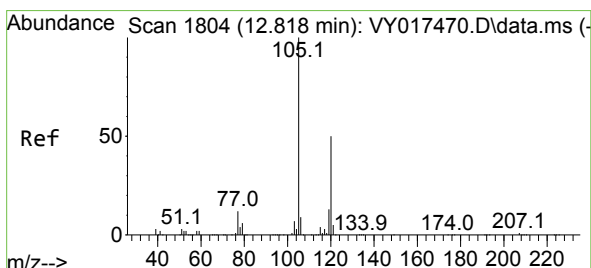
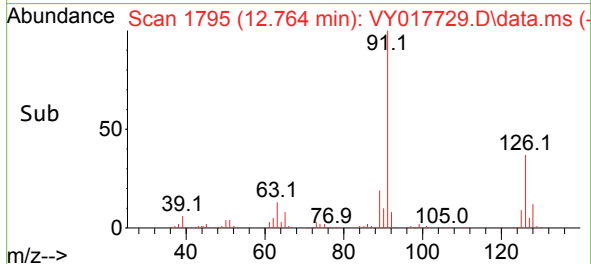
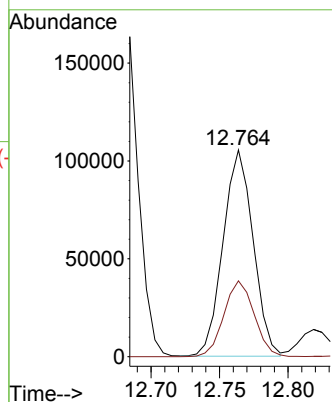
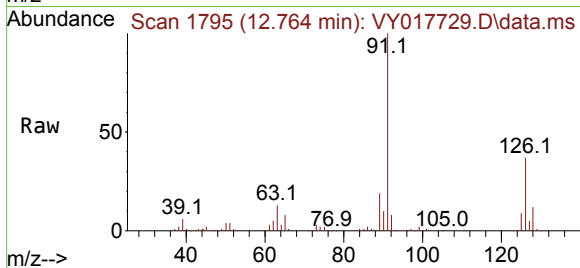
ClientSampleId :

Tgt Ion: 91 Resp: 161177

Ion Ratio Lower Upper

91 100

126 37.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 42.660 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017729.D

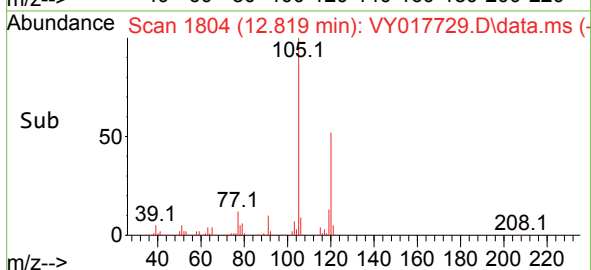
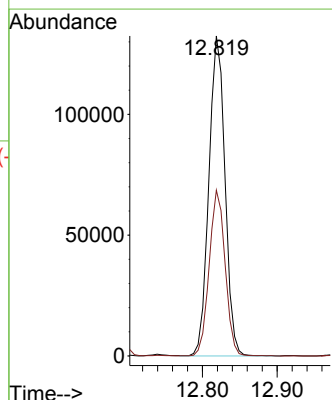
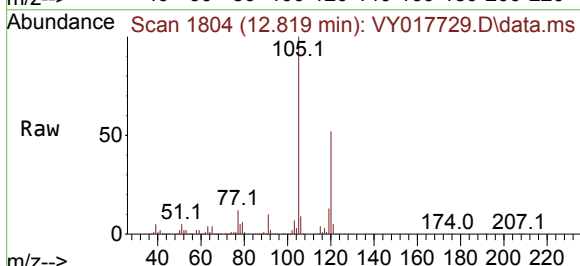
Acq: 20 Mar 2024 16:56

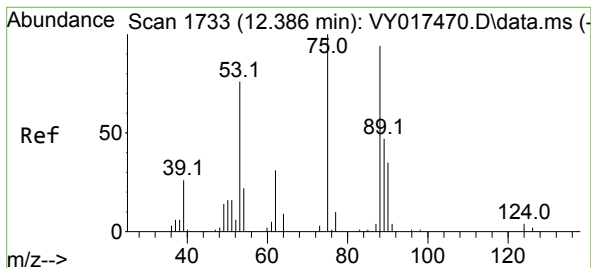
Tgt Ion:105 Resp: 198951

Ion Ratio Lower Upper

105 100

120 51.2 25.1 75.2

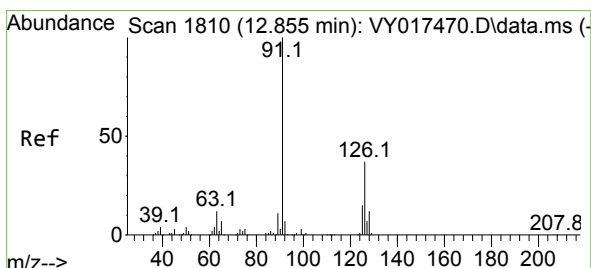
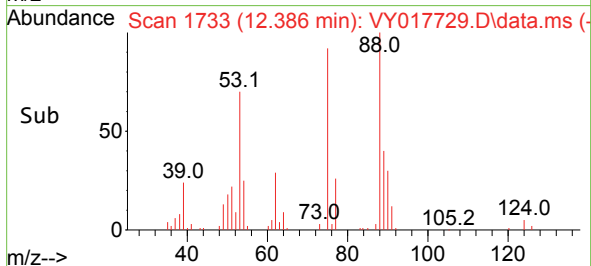
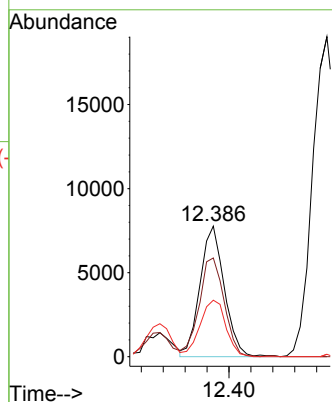
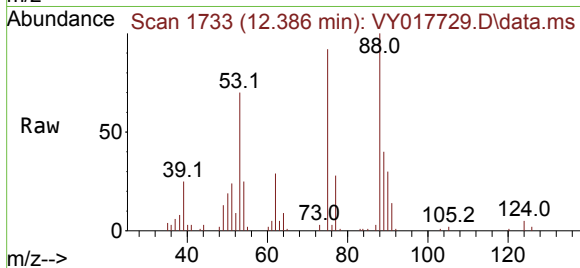




#81
trans-1,4-Dichloro-2-butene
Concen: 36.936 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

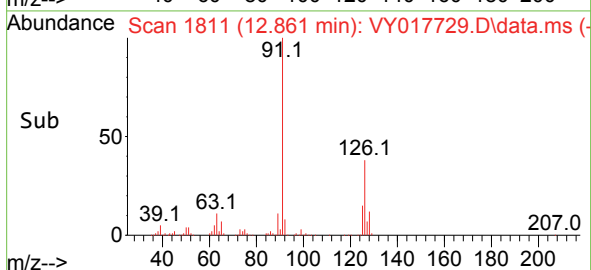
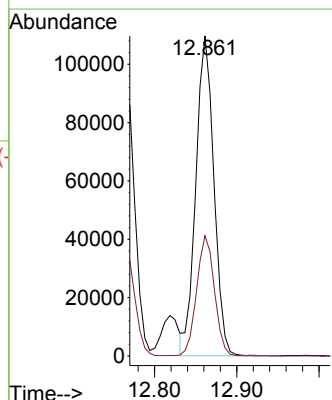
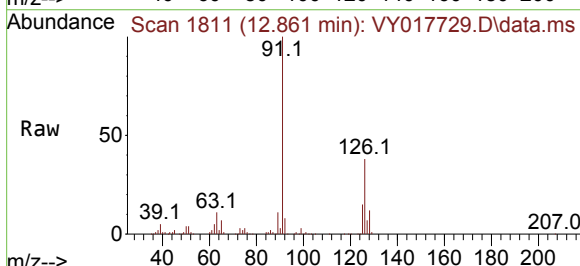
Instrument :
MSVOA_Y
ClientSampleId :

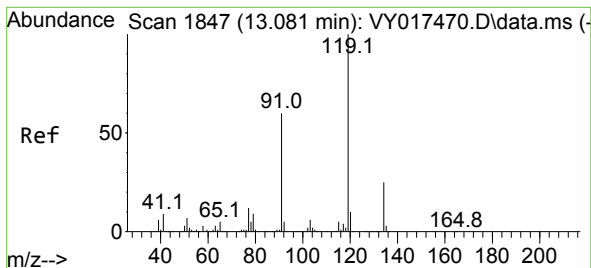
Tgt Ion	Ratio	Lower	Upper
75	100		
53	77.6	66.8	100.2
89	45.9	35.8	53.6



#82
4-Chlorotoluene
Concen: 41.719 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017729.D
Acq: 20 Mar 2024 16:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.3	17.6	52.9





#83

tert-Butylbenzene

Concen: 42.310 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

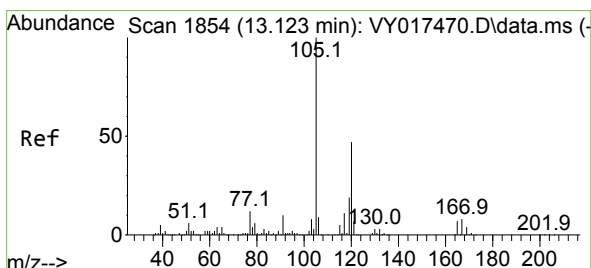
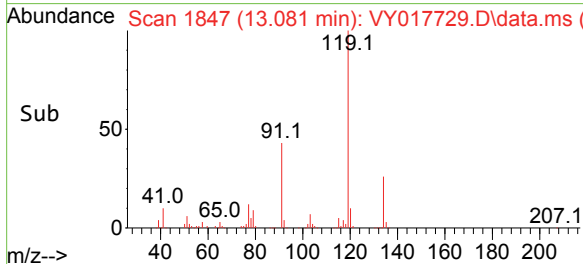
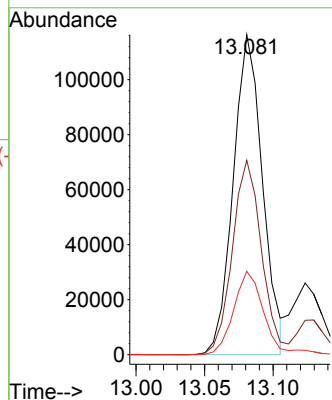
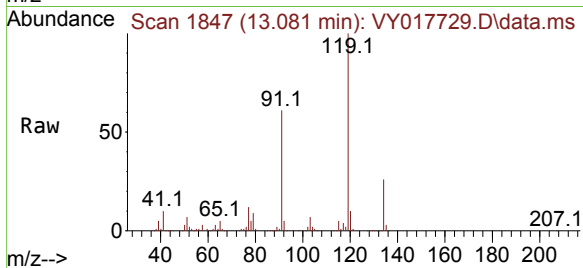
Tgt Ion:119 Resp: 173270

Ion Ratio Lower Upper

119 100

91 60.7 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 43.046 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017729.D

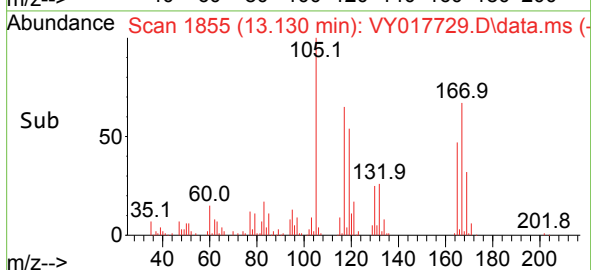
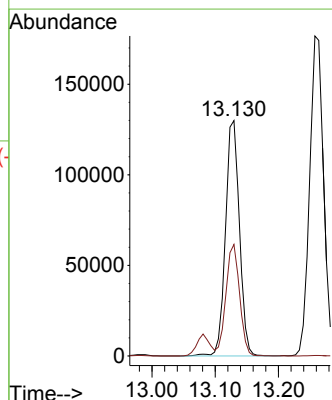
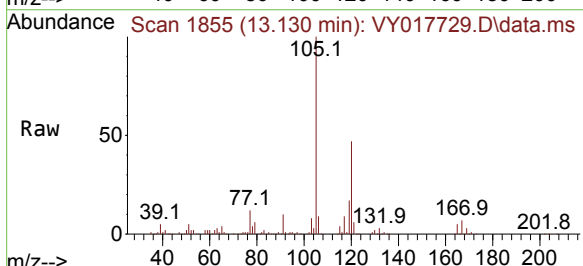
Acq: 20 Mar 2024 16:56

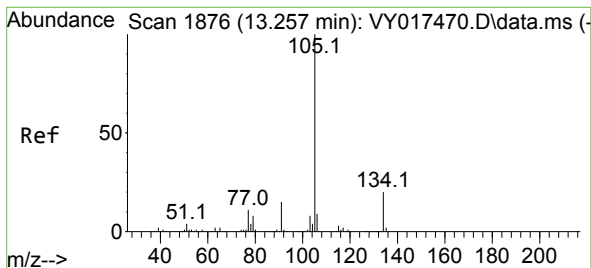
Tgt Ion:105 Resp: 198188

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 42.888 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

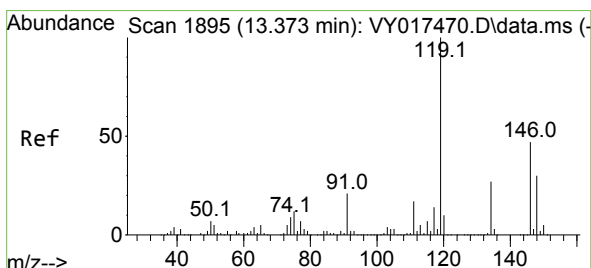
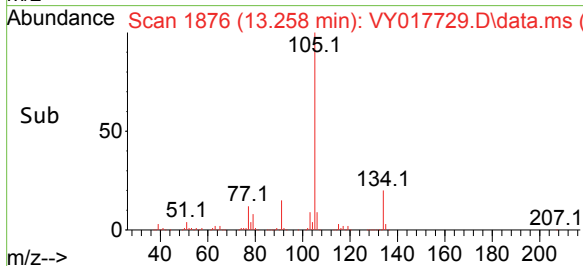
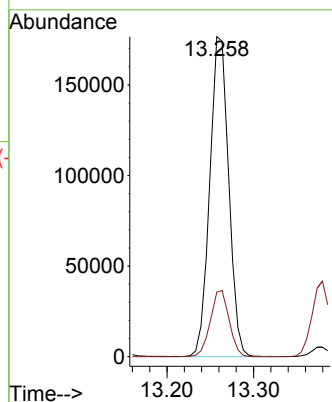
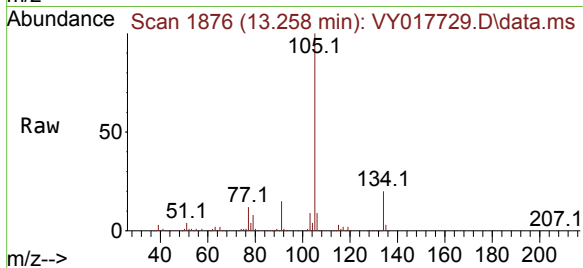
ClientSampleId :

Tgt Ion:105 Resp: 268528

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 42.811 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

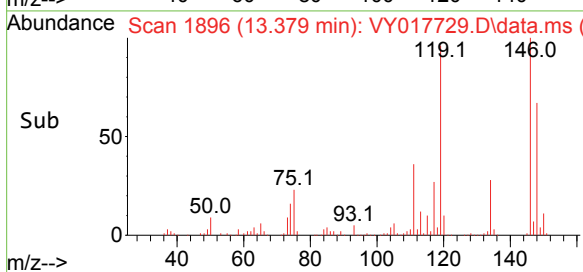
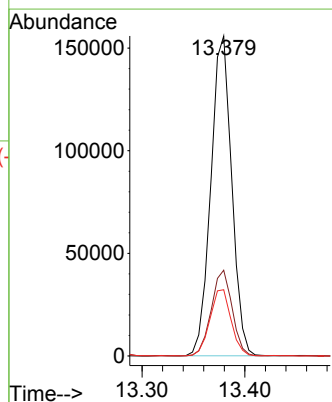
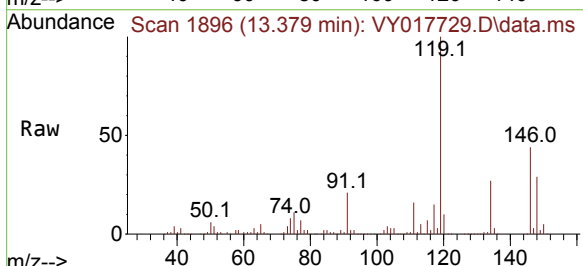
Tgt Ion:119 Resp: 219422

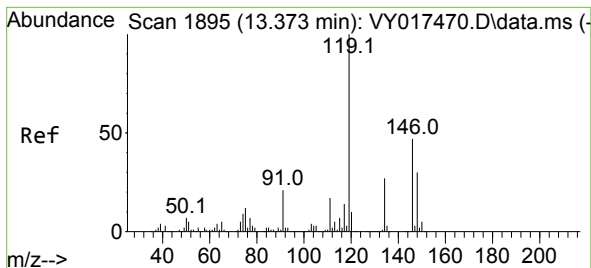
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 21.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 41.935 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

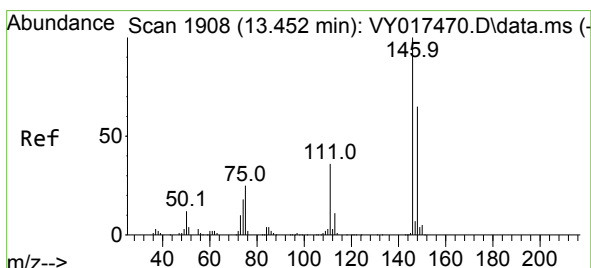
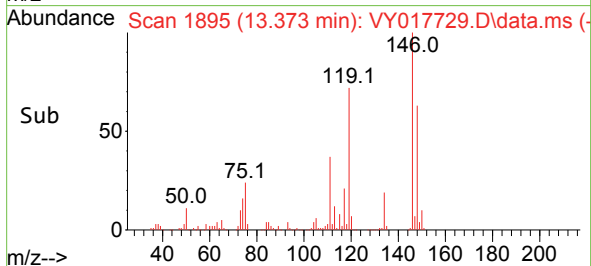
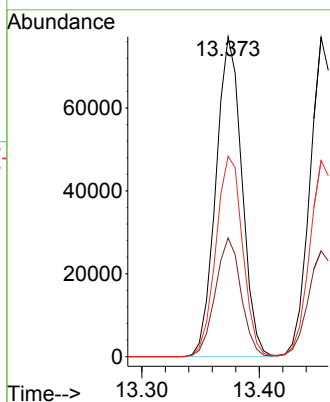
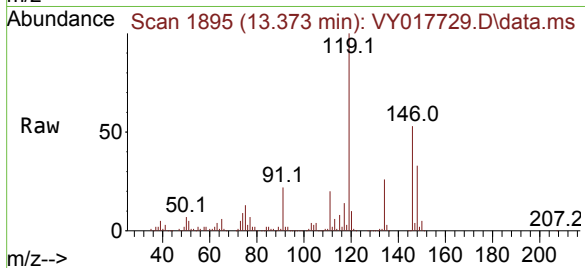
Tgt Ion:146 Resp: 118656

Ion Ratio Lower Upper

146 100

111 36.8 19.0 57.0

148 64.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 42.342 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

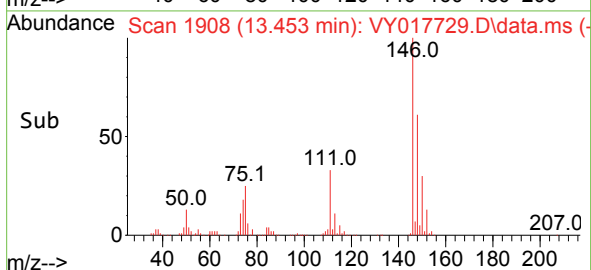
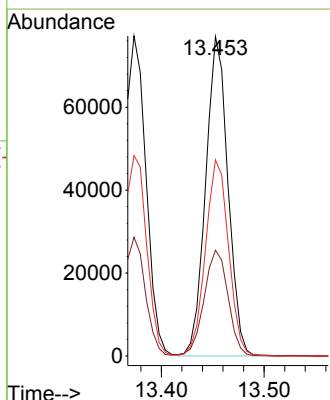
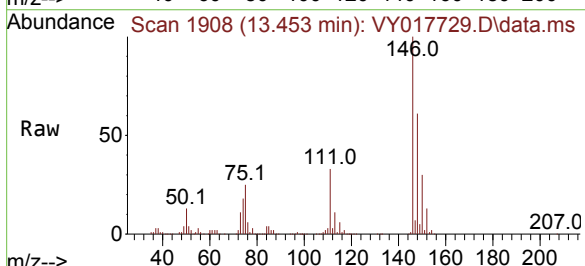
Tgt Ion:146 Resp: 116477

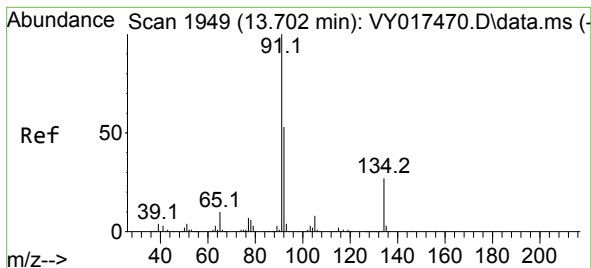
Ion Ratio Lower Upper

146 100

111 35.6 18.4 55.4

148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 41.820 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

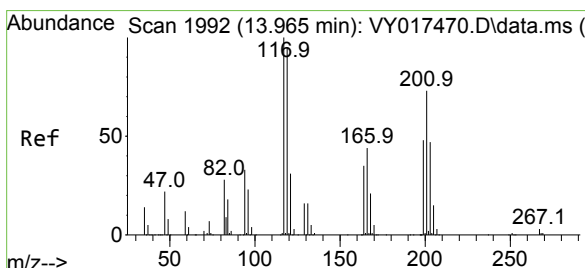
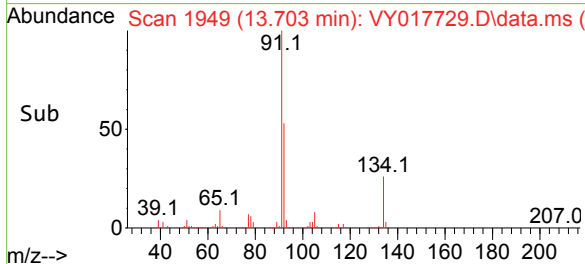
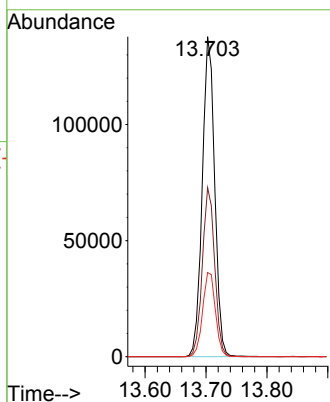
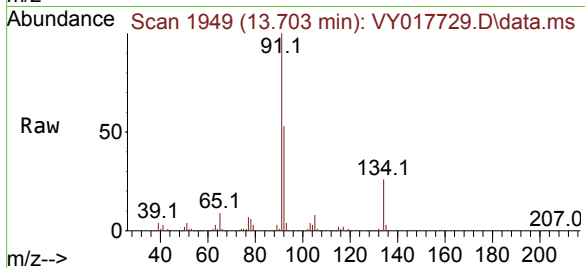
Tgt Ion: 91 Resp: 195560

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

134 27.1 12.9 38.7



#90

Hexachloroethane

Concen: 41.534 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017729.D

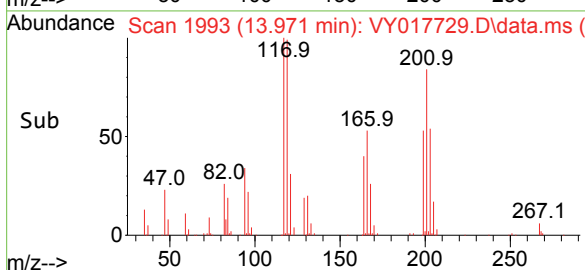
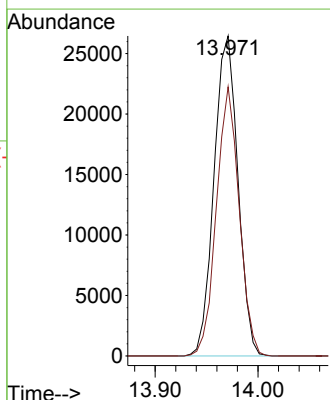
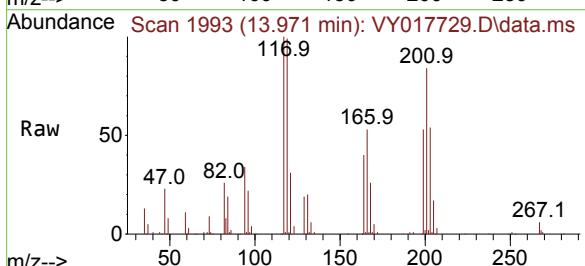
Acq: 20 Mar 2024 16:56

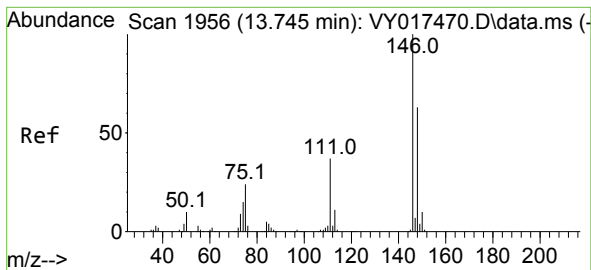
Tgt Ion: 117 Resp: 42678

Ion Ratio Lower Upper

117 100

201 80.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 42.879 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

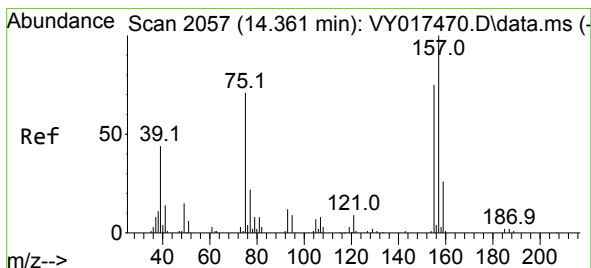
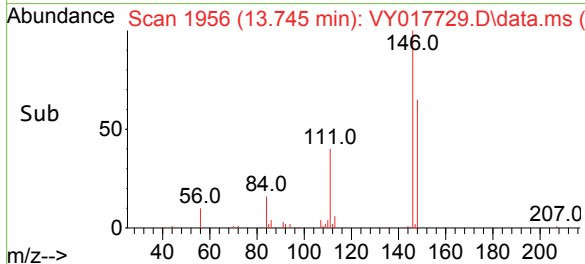
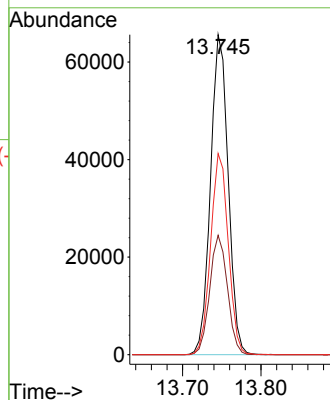
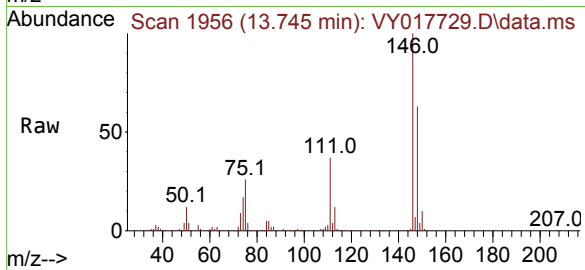
Tgt Ion:146 Resp: 102626

Ion Ratio Lower Upper

146 100

111 37.4 19.9 59.7

148 62.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 36.605 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

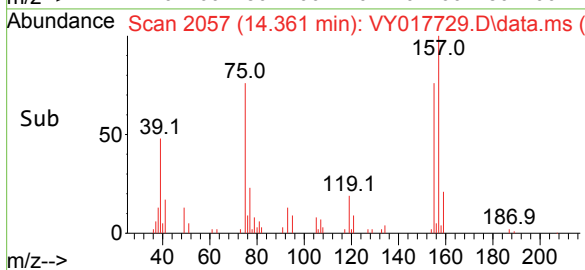
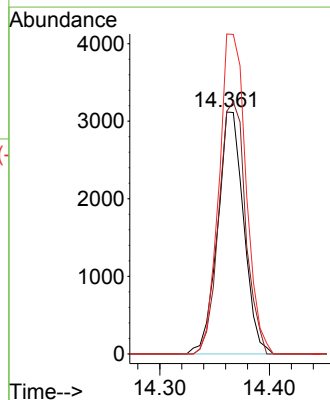
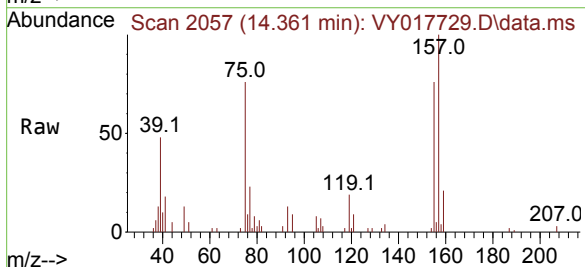
Tgt Ion: 75 Resp: 5144

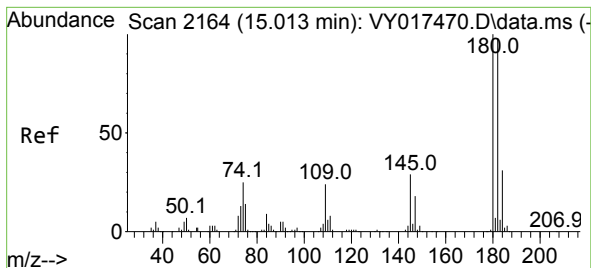
Ion Ratio Lower Upper

75 100

155 106.6 48.6 145.8

157 137.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 43.073 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

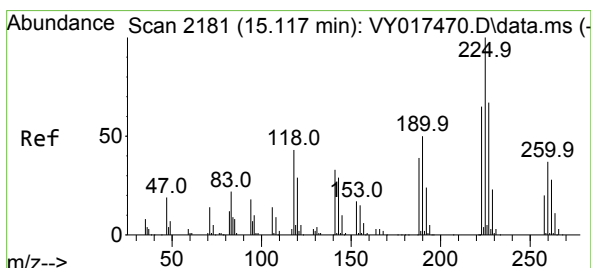
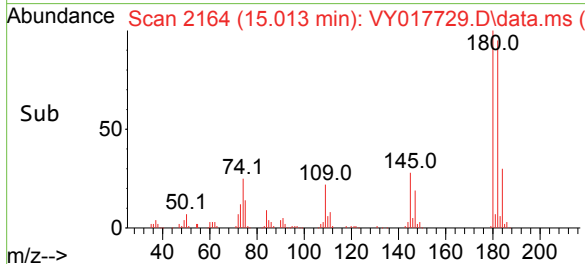
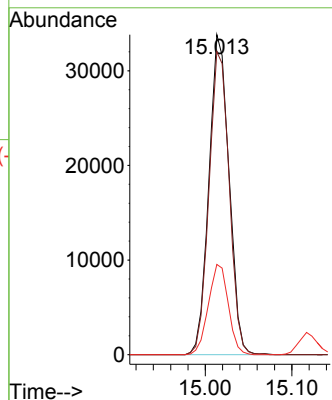
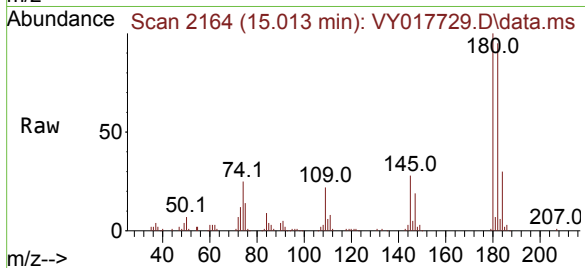
Tgt Ion:180 Resp: 54453

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 46.982 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

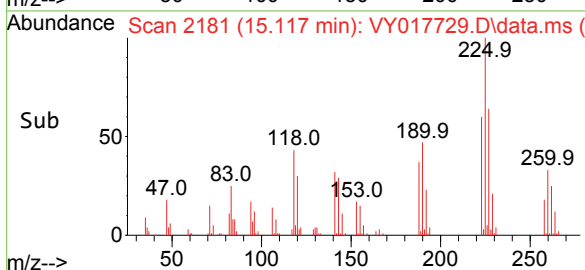
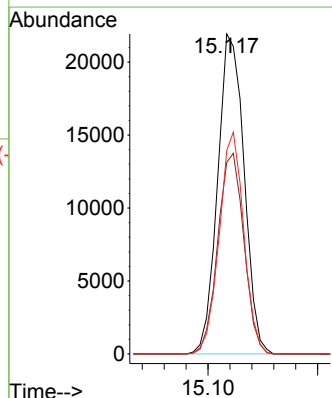
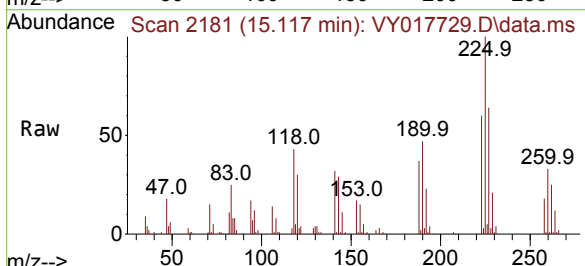
Tgt Ion:225 Resp: 36670

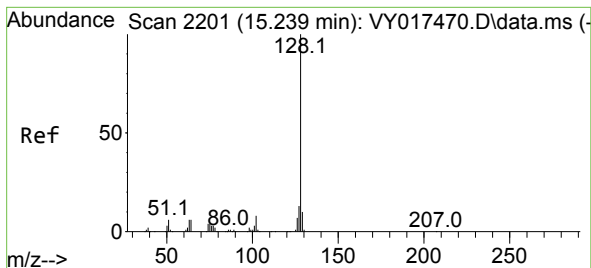
Ion Ratio Lower Upper

225 100

223 61.9 30.4 91.2

227 64.4 31.9 95.9





#95

Naphthalene

Concen: 35.554 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Instrument :

MSVOA_Y

ClientSampleId :

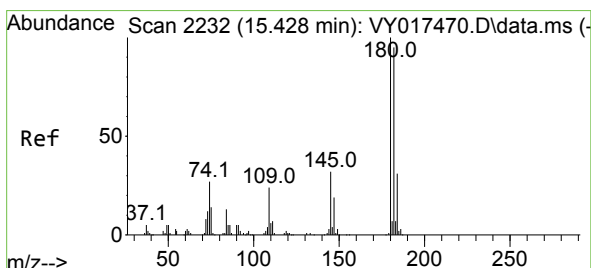
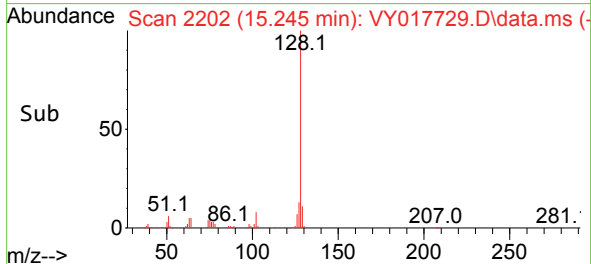
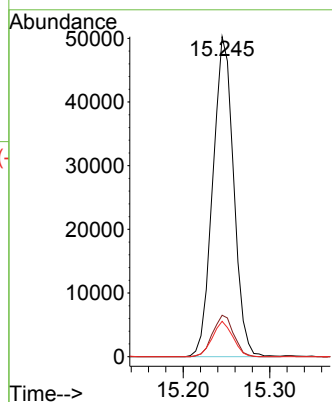
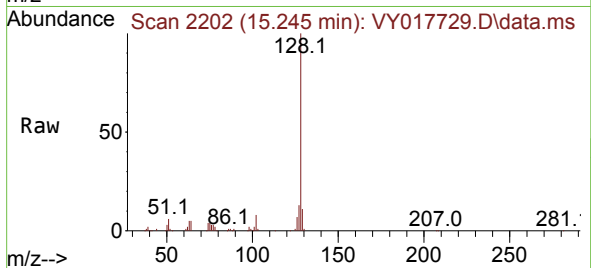
Tgt Ion:128 Resp: 84086

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 42.398 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017729.D

Acq: 20 Mar 2024 16:56

Tgt Ion:180 Resp: 45981

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 29.5 15.4 46.1

